

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108969.D
 Acq On : 13 Sep 2018 17:29
 Operator : JU/SJ
 Sample : J4883-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 292

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-BF090518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.907	434	437	444	rVB	15410	16238	1.19%	0.089%
2	5.325	504	508	516	rBV	461043	420568	30.73%	2.308%
3	6.348	679	682	687	rBV	581756	460274	33.63%	2.526%
4	6.490	702	706	710	rBV	591311	481495	35.18%	2.642%
5	6.725	743	746	750	rBV	1090036	892457	65.21%	4.897%
6	6.884	769	773	776	rBV	388187	322898	23.59%	1.772%
7	7.278	837	840	848	rVB	305754	276350	20.19%	1.516%
8	8.007	960	964	970	rBV	1433678	1253339	91.58%	6.877%
9	8.448	1036	1039	1043	rBV2	15841	16372	1.20%	0.090%
10	8.613	1064	1067	1071	rBV	17086	19335	1.41%	0.106%
11	8.719	1081	1085	1089	rVB2	25199	25529	1.87%	0.140%
12	8.819	1098	1102	1106	rBV	25274	21634	1.58%	0.119%
13	9.084	1143	1147	1150	rBV	629144	483467	35.33%	2.653%
14	9.178	1159	1163	1167	rBV3	31721	38687	2.83%	0.212%
15	9.342	1188	1191	1197	rBV2	18076	24036	1.76%	0.132%
16	9.419	1201	1204	1207	rBV	31484	26969	1.97%	0.148%
17	9.478	1211	1214	1216	rBV	148563	116238	8.49%	0.638%
18	9.619	1234	1238	1240	rBV	24098	19705	1.44%	0.108%
19	9.760	1258	1262	1265	rBV	1630123	1359451	99.33%	7.459%
20	9.789	1265	1267	1271	rVB	109809	85729	6.26%	0.470%
21	9.960	1293	1296	1300	rVB	57747	52504	3.84%	0.288%
22	10.001	1300	1303	1306	rVB	23276	19128	1.40%	0.105%
23	10.036	1306	1309	1311	rBV2	21076	19686	1.44%	0.108%
24	10.172	1327	1332	1336	rBV3	47459	70792	5.17%	0.388%
25	10.301	1351	1354	1357	rBV	94102	72201	5.28%	0.396%
26	10.372	1361	1366	1367	rBV2	22832	23106	1.69%	0.127%
27	10.419	1372	1374	1379	rBV3	17771	25145	1.84%	0.138%
28	10.460	1379	1381	1387	rVB2	25208	31158	2.28%	0.171%
29	10.536	1391	1394	1399	rBV2	359234	342430	25.02%	1.879%
30	10.678	1414	1418	1419	rBV3	30097	28555	2.09%	0.157%
31	10.689	1419	1420	1424	rVB	28904	23196	1.69%	0.127%
32	10.748	1424	1430	1431	rBV3	11351	15853	1.16%	0.087%
33	10.848	1441	1447	1450	rBV5	23929	31273	2.29%	0.172%
34	10.878	1450	1452	1455	rVB2	21489	18409	1.35%	0.101%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.130	1491	1495	1497	rBV3	36468	40080	2.93%	0.220%
36	11.154	1497	1499	1502	rVB2	26221	23201	1.70%	0.127%
37	11.236	1509	1513	1515	rBV	1650279	1339296	97.86%	7.349%
38	11.260	1515	1517	1520	rVV	574511	414587	30.29%	2.275%
39	11.307	1520	1525	1529	rVB	146067	140957	10.30%	0.773%
40	11.342	1529	1531	1536	rBV3	18660	25082	1.83%	0.138%
41	11.460	1545	1551	1555	rBV	39218	47598	3.48%	0.261%
42	11.548	1560	1566	1567	rVV4	20798	26323	1.92%	0.144%
43	11.566	1567	1569	1572	rVB2	19058	17401	1.27%	0.095%
44	11.736	1595	1598	1600	rBV	66011	51768	3.78%	0.284%
45	11.772	1600	1604	1608	rVV2	113640	157652	11.52%	0.865%
46	11.813	1608	1611	1613	rVV2	45470	48022	3.51%	0.263%
47	11.848	1613	1617	1619	rVV	133647	137502	10.05%	0.754%
48	11.872	1619	1621	1627	rVB	45889	39820	2.91%	0.218%
49	11.954	1633	1635	1640	rVB3	15795	20696	1.51%	0.114%
50	12.030	1645	1648	1650	rBV	50904	39051	2.85%	0.214%
51	12.183	1671	1674	1676	rVB2	19211	16153	1.18%	0.089%
52	12.236	1681	1683	1687	rVB	23226	19495	1.42%	0.107%
53	12.283	1687	1691	1694	rBV	52865	61207	4.47%	0.336%
54	12.325	1694	1698	1699	rVV2	29991	38190	2.79%	0.210%
55	12.342	1699	1701	1703	rVV	32603	24571	1.80%	0.135%
56	12.366	1703	1705	1710	rVB4	21168	31491	2.30%	0.173%
57	12.442	1715	1718	1722	rBV	713277	590907	43.18%	3.242%
58	12.495	1724	1727	1732	rBV4	20266	30578	2.23%	0.168%
59	12.560	1735	1738	1741	rBV4	27967	35575	2.60%	0.195%
60	12.589	1741	1743	1748	rVB2	18839	24394	1.78%	0.134%
61	12.666	1751	1756	1759	rBV	562107	590049	43.11%	3.238%
62	12.789	1774	1777	1779	rBV	40987	36949	2.70%	0.203%
63	12.819	1779	1782	1788	rVB	471516	444741	32.50%	2.440%
64	12.889	1789	1794	1797	rBV3	39254	61181	4.47%	0.336%
65	12.977	1806	1809	1810	rBV2	30276	30747	2.25%	0.169%
66	12.995	1810	1812	1816	rVB	93023	88816	6.49%	0.487%
67	13.066	1821	1824	1827	rBV	106699	89486	6.54%	0.491%
68	13.101	1827	1830	1833	rBV	63165	58973	4.31%	0.324%
69	13.195	1843	1846	1848	rVB	40368	34885	2.55%	0.191%
70	13.224	1848	1851	1855	rBV	44156	43669	3.19%	0.240%
71	13.295	1860	1863	1866	rBV	60147	51886	3.79%	0.285%

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72	13.407	1879	1882	1887	rBV4	42232	50135	3.66%	0.275%
73	13.613	1913	1917	1919	rBV2	43077	51018	3.73%	0.280%
74	13.642	1920	1922	1924	rVV2	35676	27073	1.98%	0.149%
75	13.736	1936	1938	1941	rBV2	54946	38777	2.83%	0.213%
76	13.860	1955	1959	1962	rBV2	1200348	1368594	100.00%	7.509%
77	13.889	1962	1964	1967	rVB2	258767	202149	14.77%	1.109%
78	13.966	1975	1977	1980	rVB2	55788	45359	3.31%	0.249%
79	14.048	1989	1991	1994	rVB	102617	91611	6.69%	0.503%
80	14.083	1994	1997	2001	rVB2	28934	29695	2.17%	0.163%
81	14.354	2039	2043	2047	rBV2	133747	168578	12.32%	0.925%
82	14.654	2090	2094	2099	rVB	220912	244123	17.84%	1.339%
83	14.871	2127	2131	2138	rBV	215654	399156	29.17%	2.190%
84	14.971	2144	2148	2154	rVB	395077	435263	31.80%	2.388%
85	15.154	2176	2179	2184	rBV	132307	152260	11.13%	0.835%
86	15.207	2185	2188	2193	rVV	190349	227441	16.62%	1.248%
87	15.271	2195	2199	2203	rVV	912508	1073653	78.45%	5.891%
88	15.330	2205	2209	2213	rVB	393945	498602	36.43%	2.736%
89	15.736	2273	2278	2283	rBV	331918	485711	35.49%	2.665%
90	16.207	2353	2358	2368	rVB	217436	385636	28.18%	2.116%
91	16.624	2425	2429	2436	rVB2	77665	143026	10.45%	0.785%

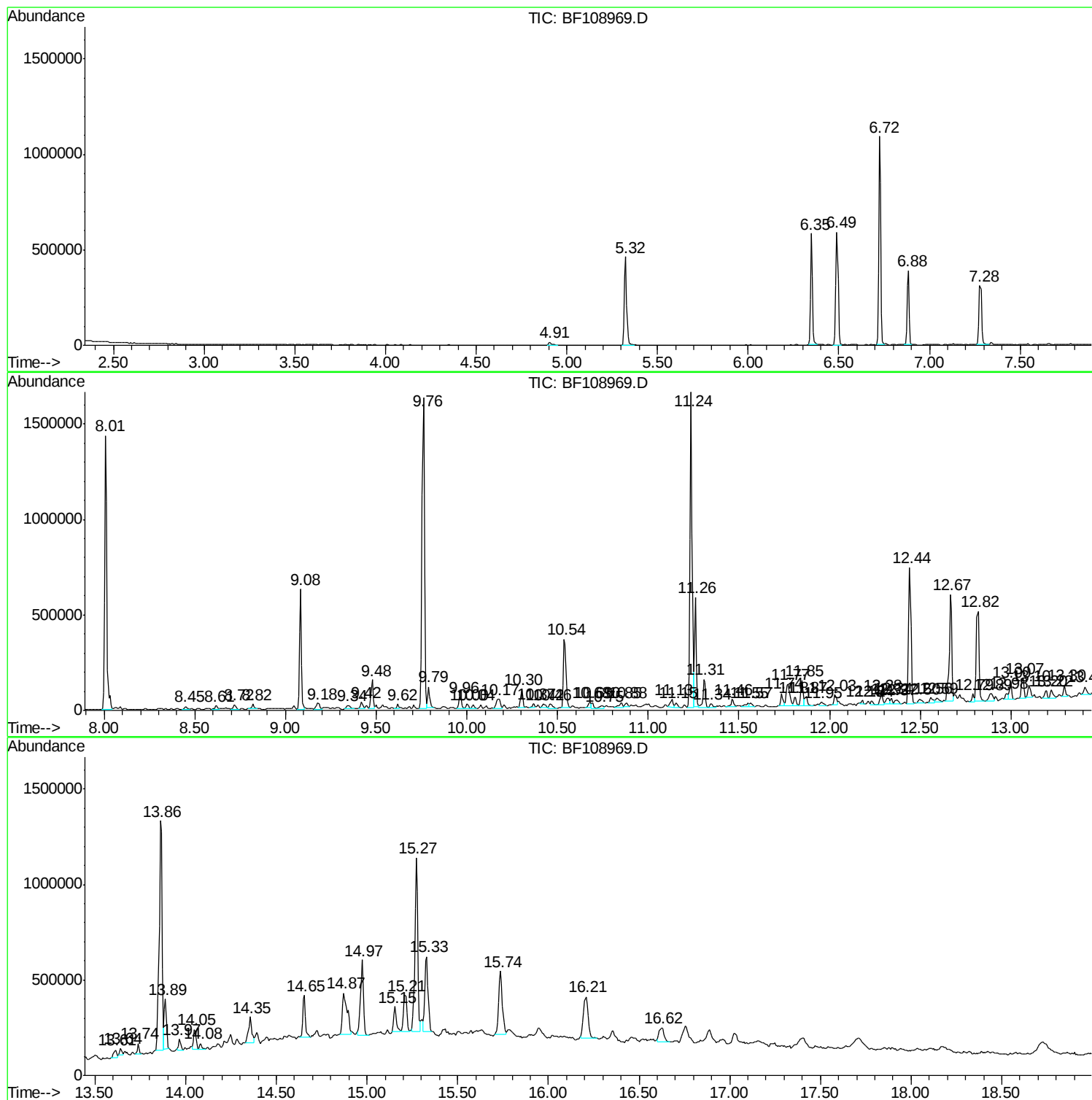
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ClientSampled :
292

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.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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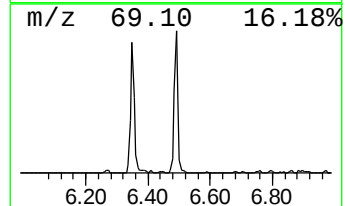
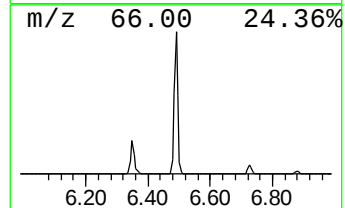
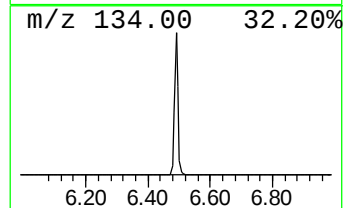
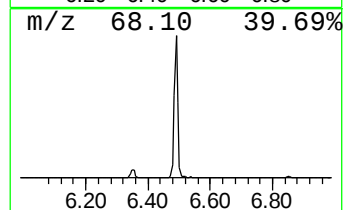
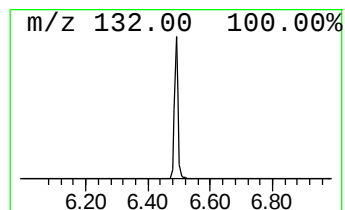
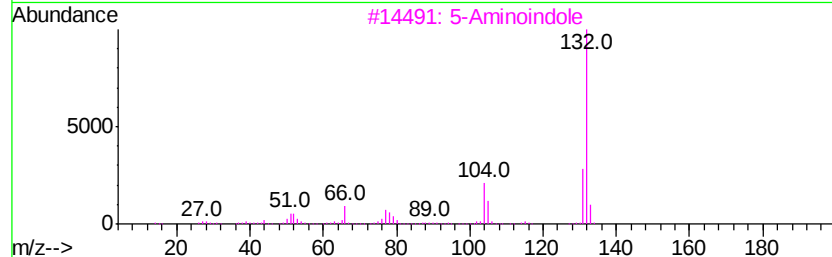
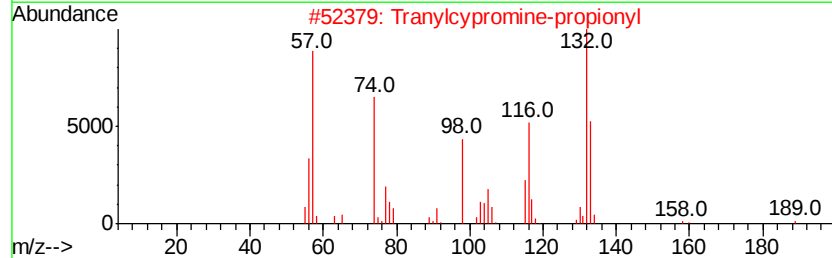
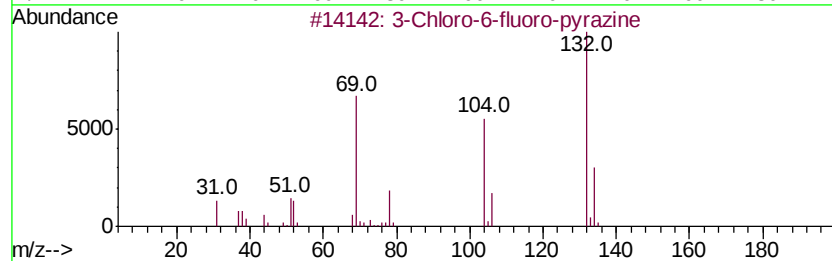
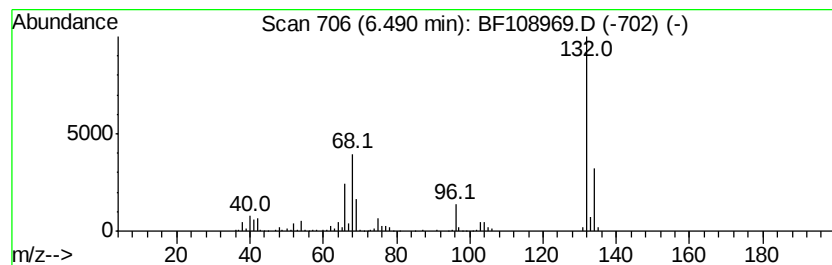
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	10.79 ng	481495	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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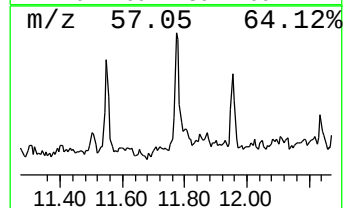
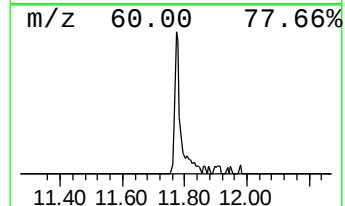
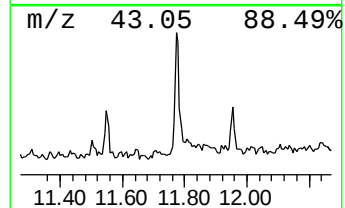
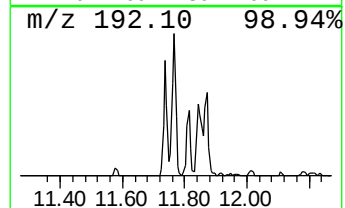
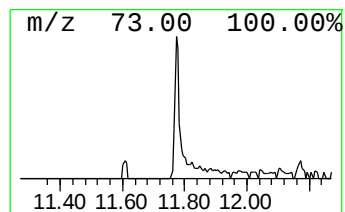
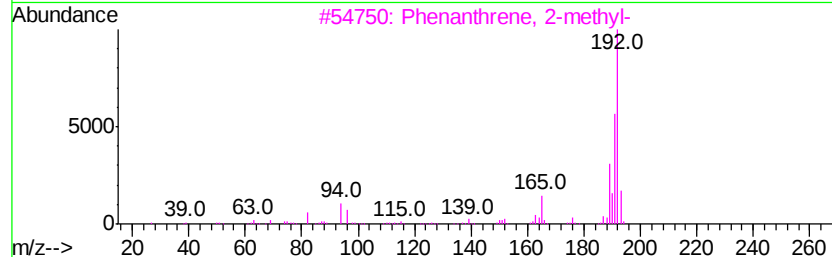
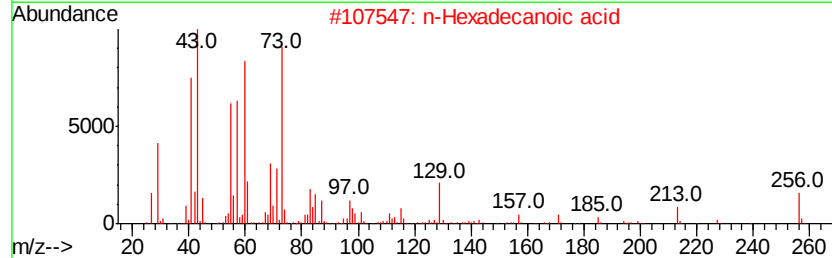
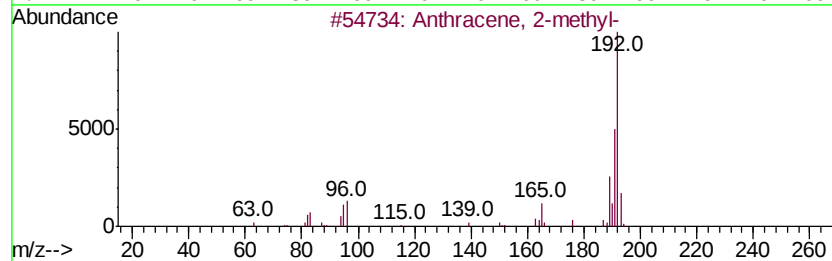
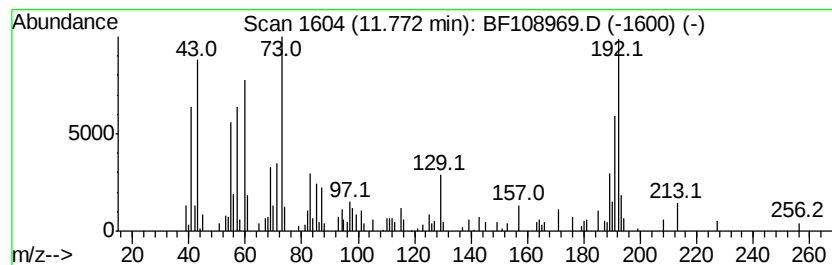
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown11.77 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.35 ng	157652	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	43
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	38



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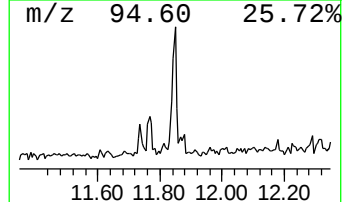
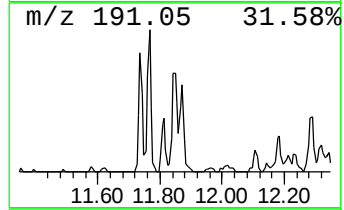
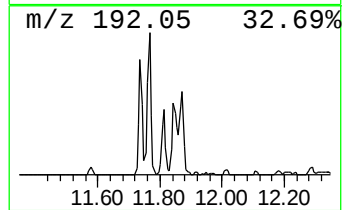
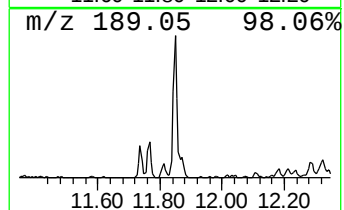
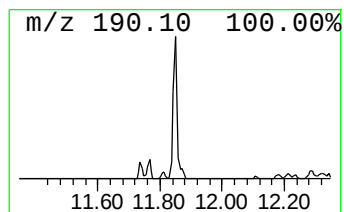
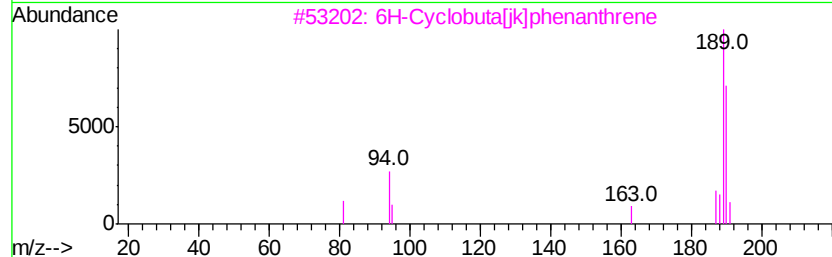
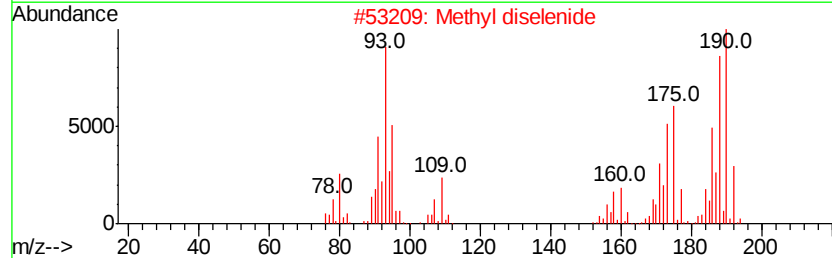
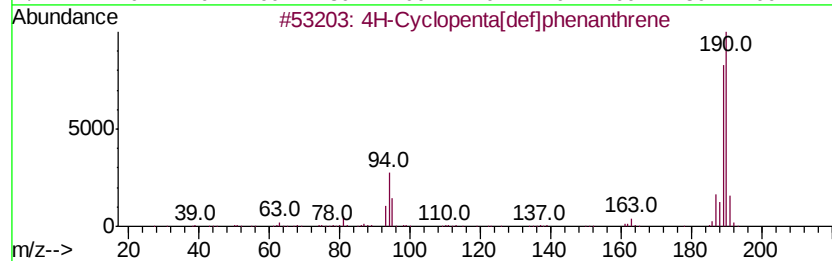
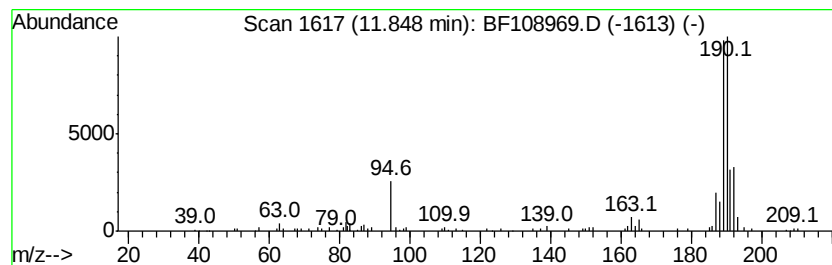
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.85	2.05 ng	137502	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42



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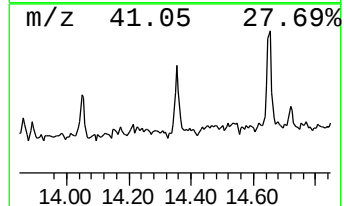
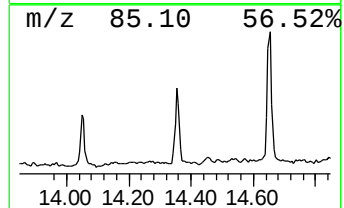
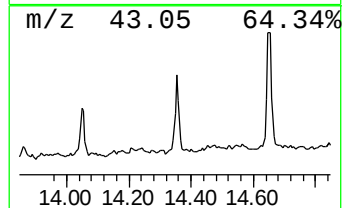
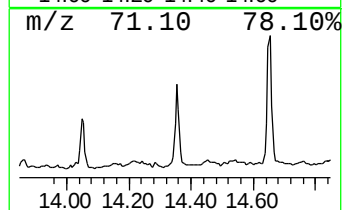
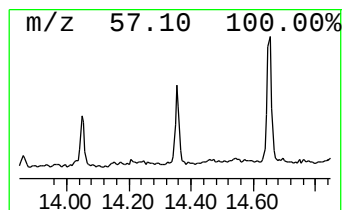
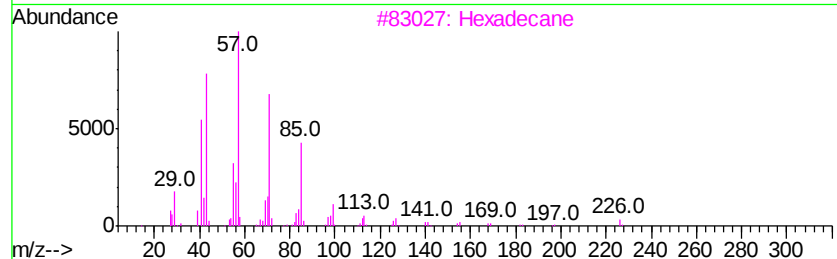
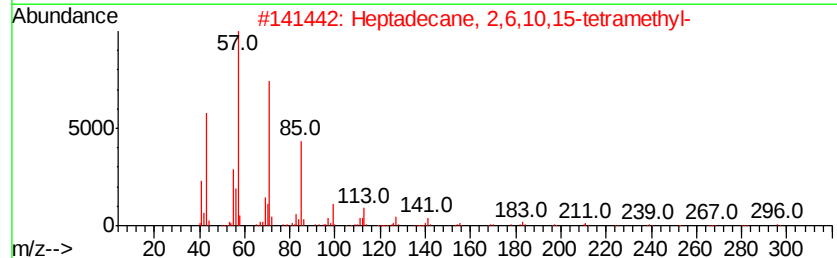
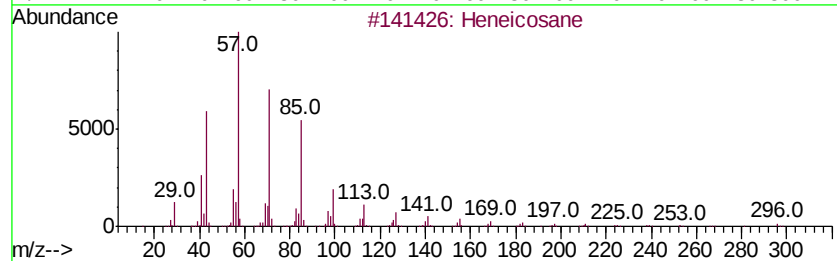
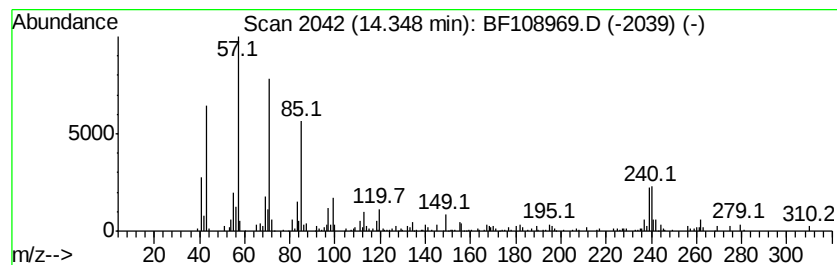
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.46 ng	168578	Chrysene-d12	13.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	93
3	Hexadecane		226	C16H34	000544-76-3	91
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	91
5	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
Operator : JU/SJ
Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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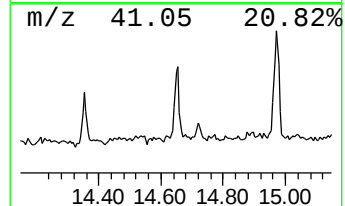
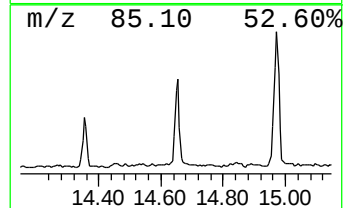
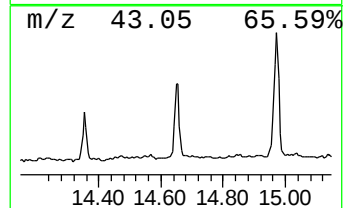
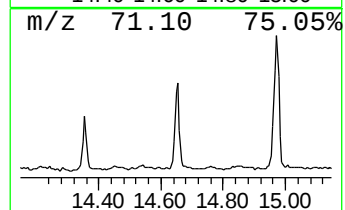
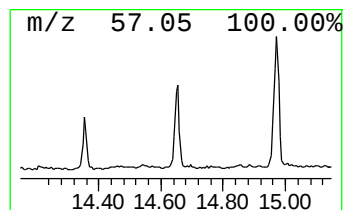
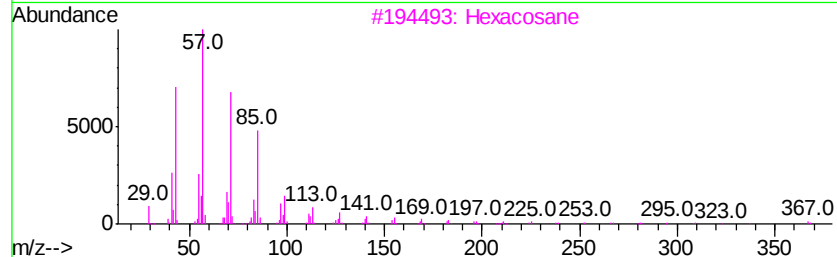
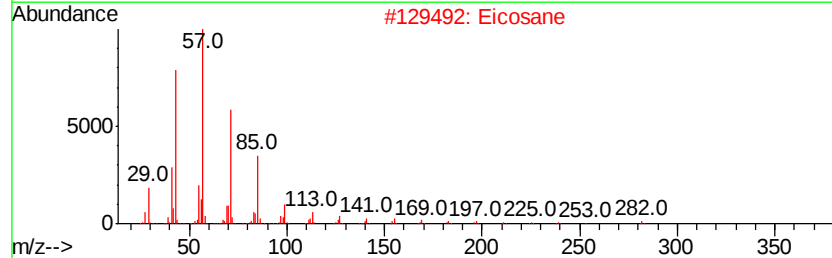
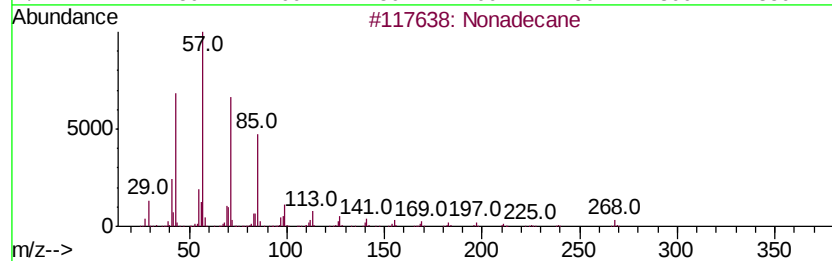
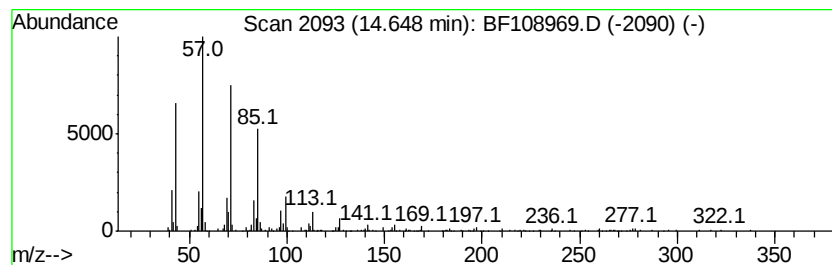
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.55 ng	244123	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Eicosane	282	C20H42	000112-95-8	94
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
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Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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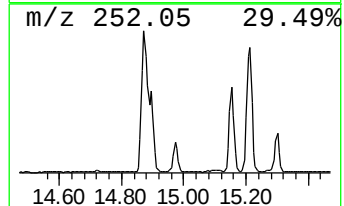
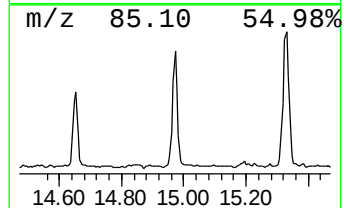
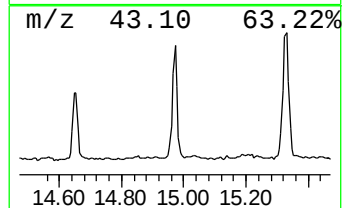
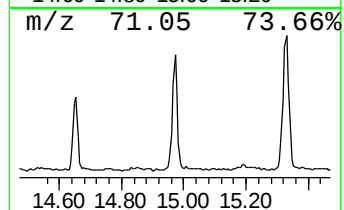
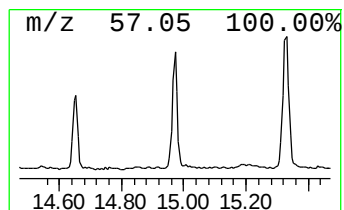
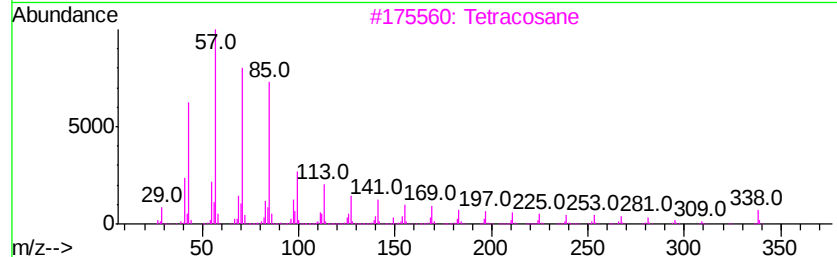
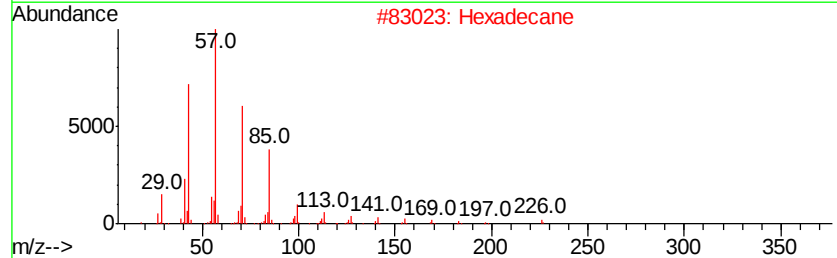
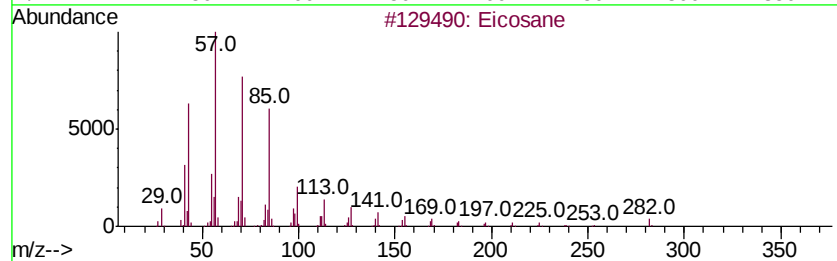
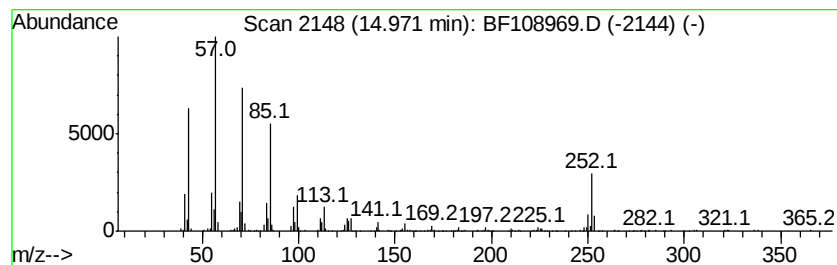
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	8.11 ng	435263	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Hexadecane	226	C16H34	000544-76-3	94
3		Tetracosane	338	C24H50	000646-31-1	81
4		Heneicosane	296	C21H44	000629-94-7	81
5		Heptacosane	380	C27H56	000593-49-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
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Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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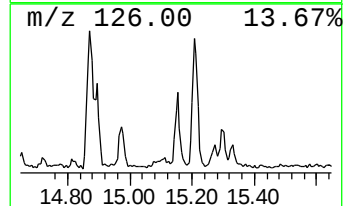
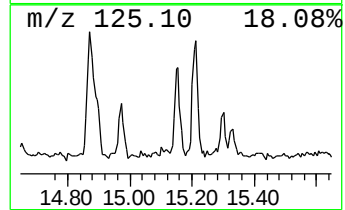
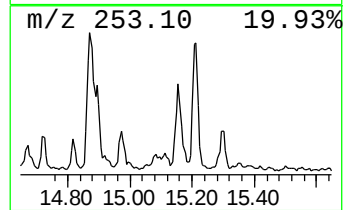
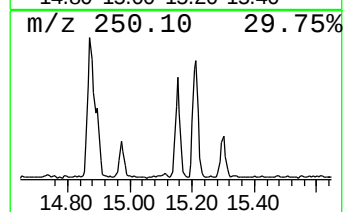
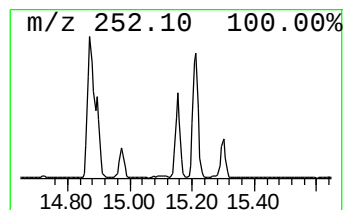
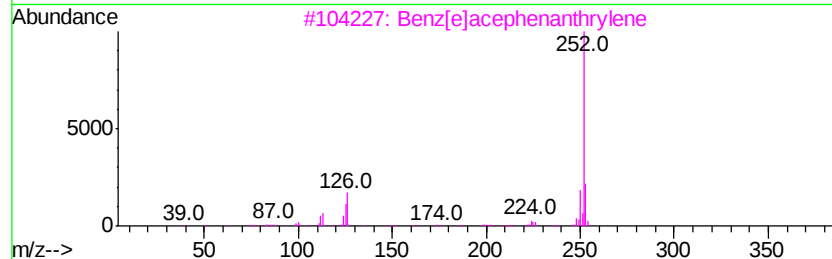
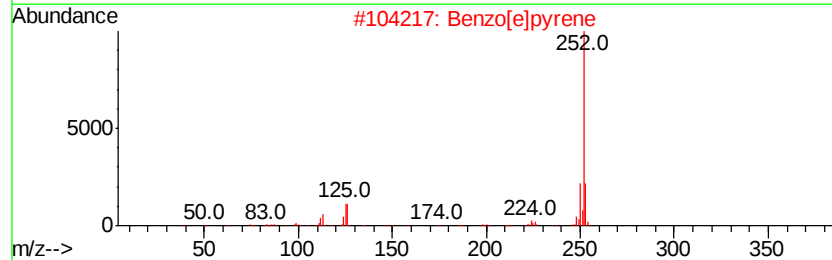
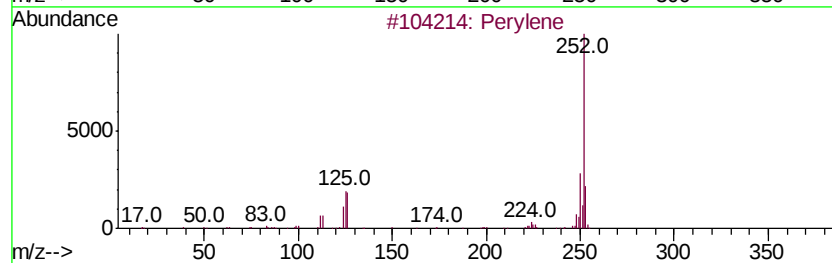
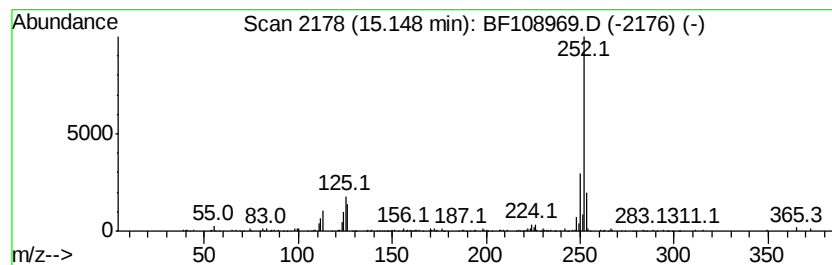
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.84 ng	152260	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	94
2	Benzo[e]pyrene		252	C20H12	000192-97-2	94
3	Benzo[e]acephenanthrylene		252	C20H12	000205-99-2	93
4	Benzo[a]pyrene		252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene		252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
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Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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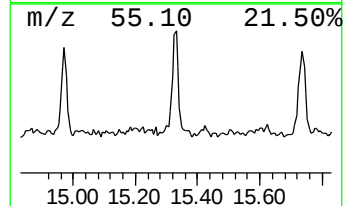
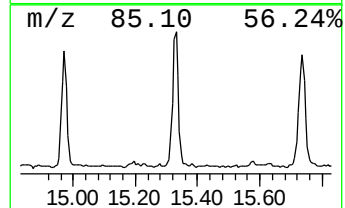
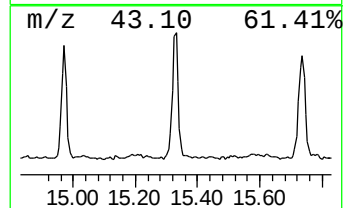
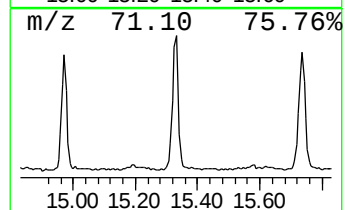
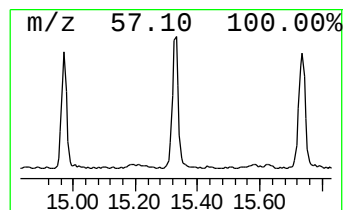
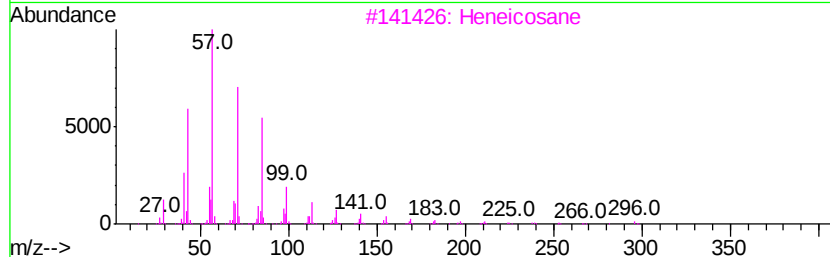
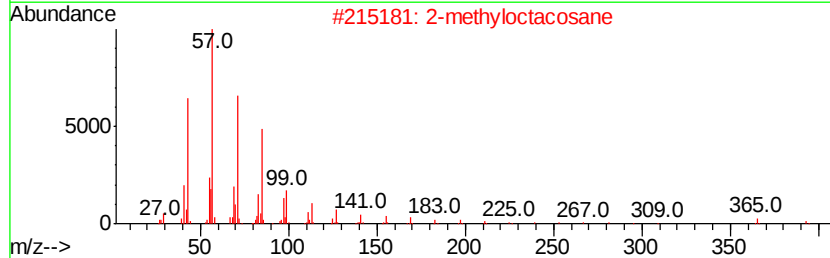
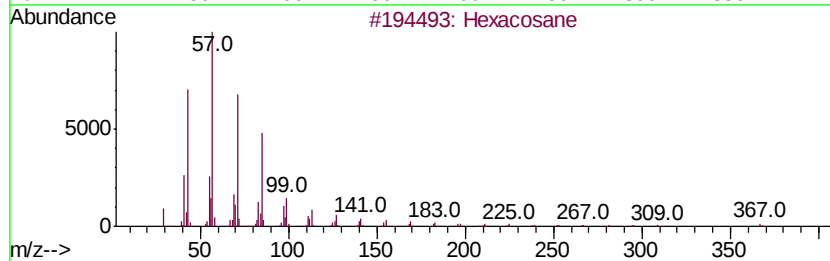
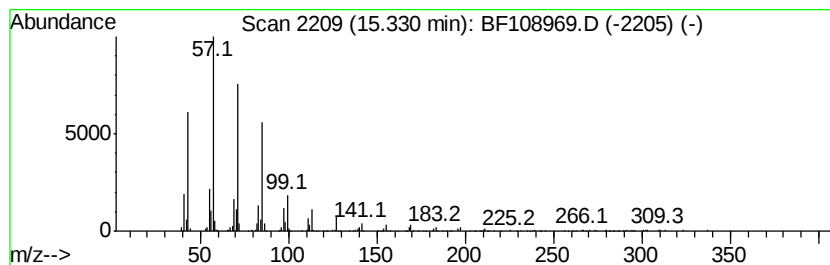
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	9.29 ng	498602	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
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Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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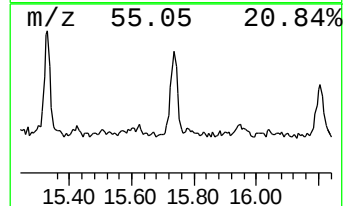
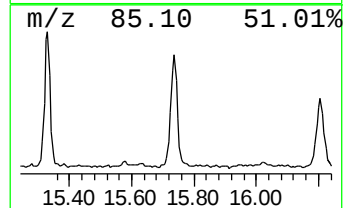
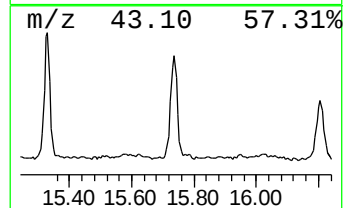
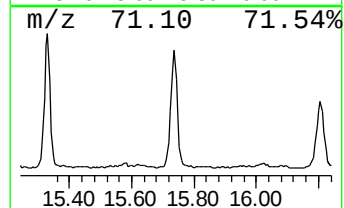
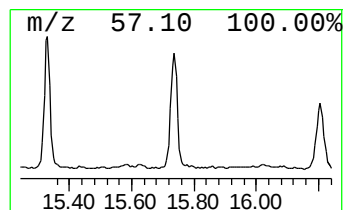
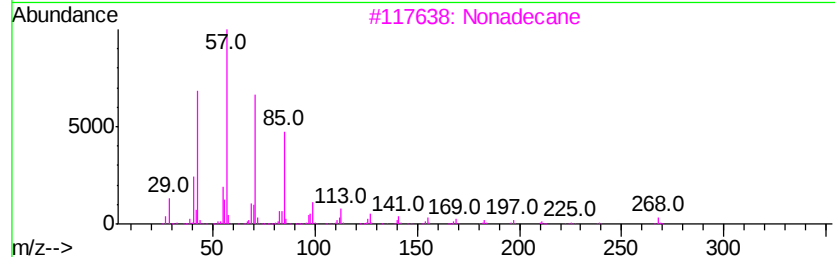
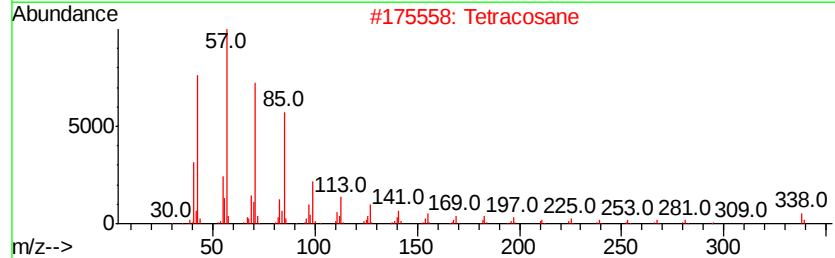
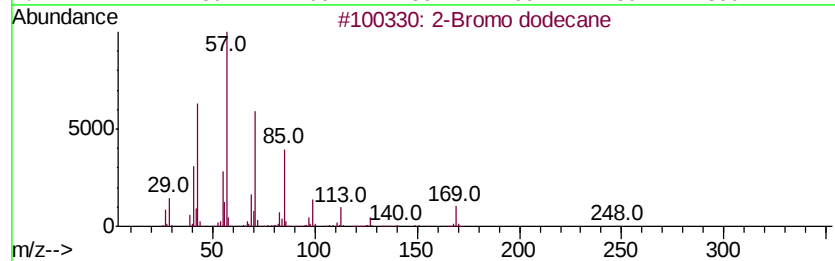
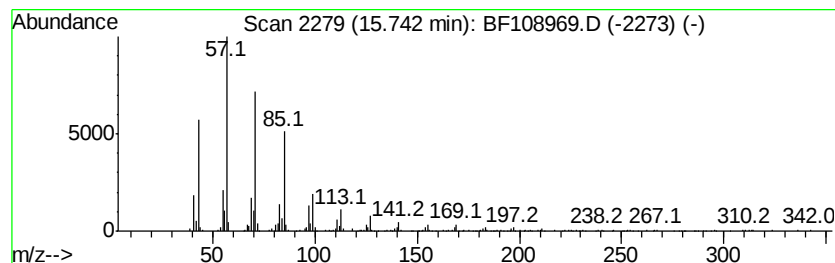
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	9.05 ng	485711	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2			Tetracosane	338	C24H50	000646-31-1	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5			Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
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Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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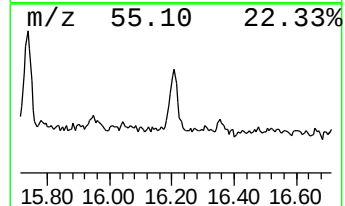
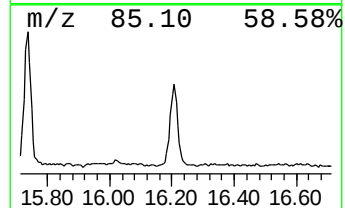
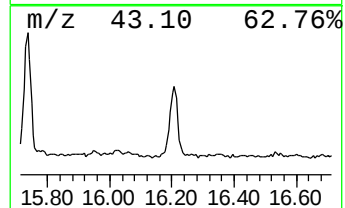
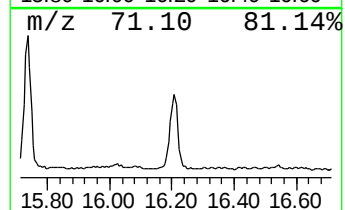
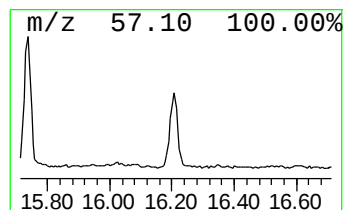
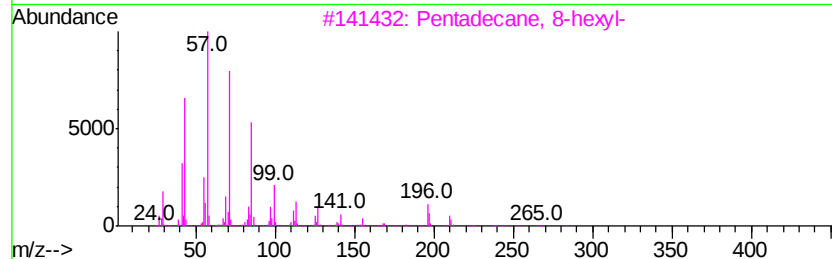
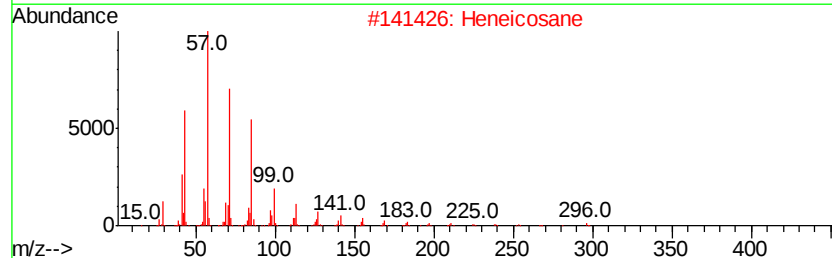
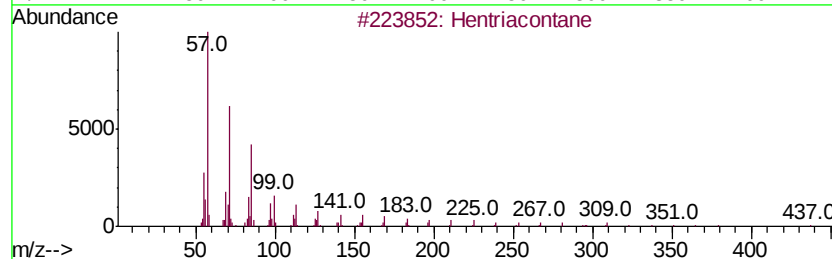
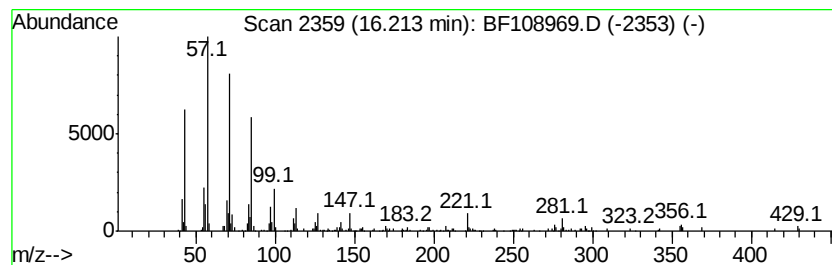
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	7.18 ng	385636	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091318\
Data File : BF108969.D
Acq On : 13 Sep 2018 17:29
Operator : JU/SJ
Sample : J4883-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
292

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
unknown6.49	6.49	10.8	ng	481495	1	6.72	892457	20.0
unknown11.77	11.77	2.4	ng	157652	4	11.24	1339300	20.0
4H-Cyclopenta[def...	11.85	2.0	ng	137502	4	11.24	1339300	20.0
Heneicosane	14.35	2.5	ng	168578	5	13.87	1368590	20.0
Nonadecane	14.65	4.5	ng	244123	6	15.27	1073650	20.0
Eicosane	14.97	8.1	ng	435263	6	15.27	1073650	20.0
Perylene	15.15	2.8	ng	152260	6	15.27	1073650	20.0
Hexacosane	15.33	9.3	ng	498602	6	15.27	1073650	20.0
2-Bromo dodecane	15.74	9.1	ng	485711	6	15.27	1073650	20.0
Hentriacontane	16.21	7.2	ng	385636	6	15.27	1073650	20.0