

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
 Data File : BF098933.D
 Acq On : 29 Sep 2017 3:36
 Operator : SJ/JU
 Sample : I5515-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-092817

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	5.528	581	585	591	rBV	666274	569632	9.67%	0.748%
2	6.534	752	756	767	rVB	591140	537488	9.12%	0.706%
3	6.681	777	781	784	rBV	722926	562837	9.55%	0.739%
4	6.916	817	821	825	rBV	889745	696619	11.82%	0.915%
5	7.069	844	847	850	rBV	502688	424667	7.21%	0.558%
6	7.475	912	916	919	rBV	323523	293003	4.97%	0.385%
7	8.198	1036	1039	1041	rBV	977354	827624	14.04%	1.087%
8	8.222	1041	1043	1046	rVB	1218776	877709	14.89%	1.153%
9	8.910	1157	1160	1163	rBV	506238	382052	6.48%	0.502%
10	9.010	1172	1177	1181	rBV	345720	300303	5.10%	0.394%
11	9.269	1218	1221	1226	rVB	651829	497399	8.44%	0.653%
12	9.345	1231	1234	1236	rBV	172913	137089	2.33%	0.180%
13	9.533	1263	1266	1271	rVB	152588	205178	3.48%	0.269%
14	9.610	1271	1279	1282	rBV	222442	282868	4.80%	0.371%
15	9.663	1286	1288	1296	rVB2	123485	160660	2.73%	0.211%
16	9.816	1311	1314	1317	rBV2	254279	214287	3.64%	0.281%
17	9.875	1321	1324	1328	rVV	231121	171912	2.92%	0.226%
18	9.957	1335	1338	1340	rVV	739987	673979	11.44%	0.885%
19	9.986	1340	1343	1346	rVV	1047918	807577	13.70%	1.061%
20	10.157	1369	1372	1376	rVB	672030	582827	9.89%	0.765%
21	10.375	1402	1409	1412	rBV2	306666	300370	5.10%	0.394%
22	10.504	1427	1431	1435	rBV	1144944	935870	15.88%	1.229%
23	10.586	1443	1445	1448	rVB3	147480	146798	2.49%	0.193%
24	10.657	1455	1457	1460	rVB	163218	119529	2.03%	0.157%
25	10.739	1468	1471	1475	rVB	443871	409495	6.95%	0.538%
26	10.845	1486	1489	1499	rVB	264256	369812	6.28%	0.486%
27	11.051	1517	1524	1526	rBV3	174910	239170	4.06%	0.314%
28	11.175	1541	1545	1547	rVV3	99261	128667	2.18%	0.169%
29	11.198	1547	1549	1554	rVV3	107123	127227	2.16%	0.167%
30	11.245	1554	1557	1561	rVV2	128838	127079	2.16%	0.167%
31	11.298	1561	1566	1568	rVV2	272185	300523	5.10%	0.395%
32	11.339	1568	1573	1577	rVB	409905	431006	7.31%	0.566%
33	11.445	1587	1591	1592	rBV	698017	630672	10.70%	0.828%
34	11.475	1592	1596	1599	rVV	4198977	4315310	73.23%	5.667%

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Integrator: RTE

Smoothing : ON

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.522	1599	1604	1607	rVV	1959303	1659594	28.16%	2.179%
36	11.551	1607	1609	1612	rVV	141323	133821	2.27%	0.176%
37	11.669	1626	1629	1633	rVV	674172	609984	10.35%	0.801%
38	11.722	1635	1638	1644	rVV2	212133	273157	4.64%	0.359%
39	11.827	1652	1656	1659	rBV	2561826	2227583	37.80%	2.925%
40	11.945	1670	1676	1678	rBV	576716	514923	8.74%	0.676%
41	11.974	1678	1681	1684	rVB	727094	653211	11.08%	0.858%
42	12.022	1685	1689	1692	rBV	355114	327034	5.55%	0.429%
43	12.063	1692	1696	1698	rBV2	960321	1104875	18.75%	1.451%
44	12.080	1698	1699	1702	rVB	340671	162688	2.76%	0.214%
45	12.127	1702	1707	1709	rBV2	195722	223463	3.79%	0.293%
46	12.239	1722	1726	1728	rBV	434400	369693	6.27%	0.486%
47	12.386	1746	1751	1754	rBV3	121210	124515	2.11%	0.164%
48	12.522	1769	1774	1775	rVV	5221035	5893151	100.00%	7.739%
49	12.539	1775	1777	1782	rVV2	4713232	5287429	89.72%	6.944%
50	12.580	1782	1784	1788	rVV	244625	298897	5.07%	0.393%
51	12.616	1788	1790	1794	rVB	1225138	1067649	18.12%	1.402%
52	12.669	1794	1799	1802	rBV	4178992	5208699	88.39%	6.840%
53	12.704	1802	1805	1807	rVV2	144301	181870	3.09%	0.239%
54	12.721	1807	1808	1811	rVV2	174349	119864	2.03%	0.157%
55	12.810	1816	1823	1827	rBV2	236929	418297	7.10%	0.549%
56	12.851	1827	1830	1832	rVV2	254300	224122	3.80%	0.294%
57	12.898	1832	1838	1842	rVB2	3637913	5436569	92.25%	7.140%
58	12.939	1842	1845	1849	rVB2	236820	255907	4.34%	0.336%
59	13.010	1853	1857	1858	rBV	344268	340214	5.77%	0.447%
60	13.027	1858	1860	1862	rVV	516575	413201	7.01%	0.543%
61	13.051	1862	1864	1867	rVB	312712	296095	5.02%	0.389%
62	13.104	1868	1873	1876	rBV2	364493	614122	10.42%	0.807%
63	13.133	1876	1878	1881	rVB	185023	155324	2.64%	0.204%
64	13.186	1883	1887	1888	rBV2	303485	386577	6.56%	0.508%
65	13.216	1889	1892	1895	rVB	1033165	1001262	16.99%	1.315%
66	13.245	1895	1897	1899	rBV2	179564	163865	2.78%	0.215%
67	13.280	1901	1903	1906	rVB	741656	634595	10.77%	0.833%
68	13.321	1906	1910	1912	rBV2	452746	469847	7.97%	0.617%
69	13.345	1912	1914	1917	rVB2	265854	229511	3.89%	0.301%
70	13.416	1923	1926	1928	rBV	225001	201473	3.42%	0.265%
71	13.445	1928	1931	1934	rBV	263528	268958	4.56%	0.353%

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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	13.698	1970	1974	1975	rBV2	112904	131277	2.23%	0.172%
73	13.721	1975	1978	1982	rVV	331342	372652	6.32%	0.489%
74	13.774	1982	1987	1991	rVB4	117887	211704	3.59%	0.278%
75	13.833	1993	1997	2000	rVV3	441035	519875	8.82%	0.683%
76	13.863	2000	2002	2004	rVV	488850	383906	6.51%	0.504%
77	13.886	2004	2006	2010	rVV2	388790	577662	9.80%	0.759%
78	13.927	2012	2013	2017	rVB	278933	208760	3.54%	0.274%
79	14.004	2023	2026	2032	rVB2	210531	253140	4.30%	0.332%
80	14.086	2032	2040	2043	rBV3	2598934	3955203	67.12%	5.194%
81	14.121	2043	2046	2050	rVB	2169367	2135600	36.24%	2.805%
82	14.198	2056	2059	2062	rBV	572943	495309	8.40%	0.650%
83	14.233	2062	2065	2069	rVV3	186911	213288	3.62%	0.280%
84	14.274	2069	2072	2074	rVB	238440	213784	3.63%	0.281%
85	14.310	2074	2078	2081	rBV2	302822	380015	6.45%	0.499%
86	14.468	2101	2105	2108	rBV	371031	410054	6.96%	0.539%
87	14.504	2108	2111	2113	rBV2	189176	159187	2.70%	0.209%
88	14.568	2120	2122	2124	rVB	183858	134488	2.28%	0.177%
89	14.598	2124	2127	2129	rVV	214809	213774	3.63%	0.281%
90	14.621	2129	2131	2135	rVV2	278956	263436	4.47%	0.346%
91	14.668	2135	2139	2144	rVB4	155360	256761	4.36%	0.337%
92	14.974	2188	2191	2199	rVB2	296828	435380	7.39%	0.572%
93	15.151	2215	2221	2224	rBV	1441949	2557396	43.40%	3.359%
94	15.257	2235	2239	2242	rVB	340059	359959	6.11%	0.473%
95	15.462	2269	2274	2280	rVB	776115	1115421	18.93%	1.465%
96	15.527	2280	2285	2290	rVV	1283646	1623225	27.54%	2.132%
97	15.586	2291	2295	2298	rVV	447763	616086	10.45%	0.809%
98	15.615	2298	2300	2306	rVB2	386025	507097	8.60%	0.666%
99	17.104	2547	2553	2560	rVB2	465308	929098	15.77%	1.220%
100	17.568	2625	2632	2644	rVB	337897	773552	13.13%	1.016%

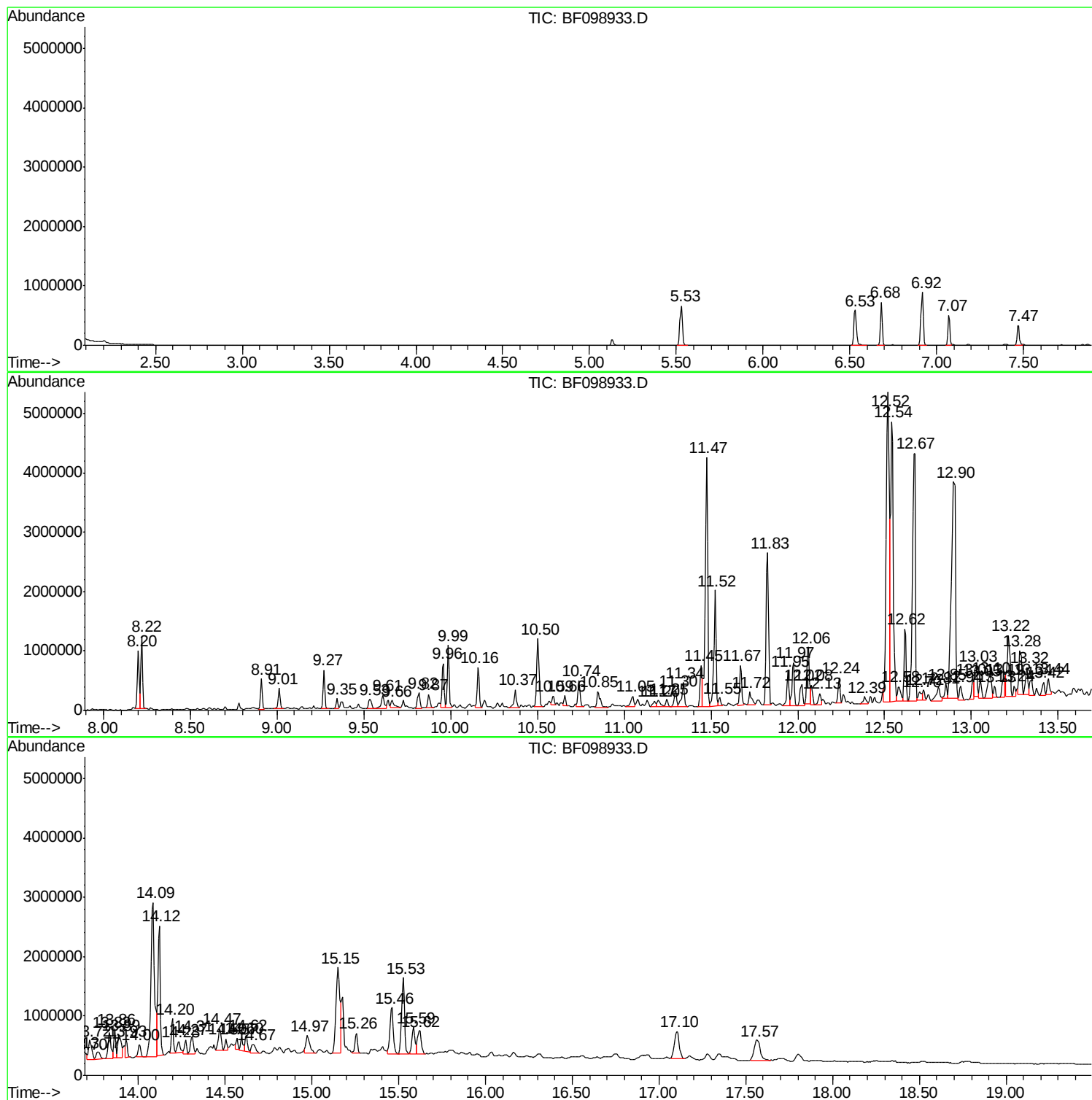
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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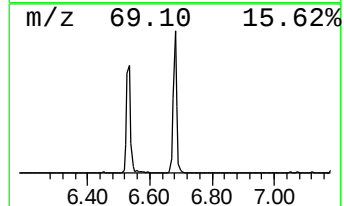
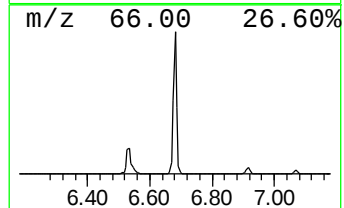
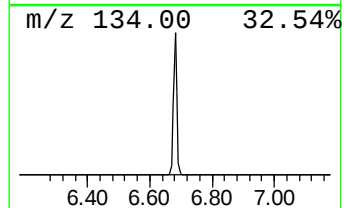
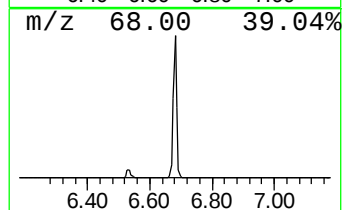
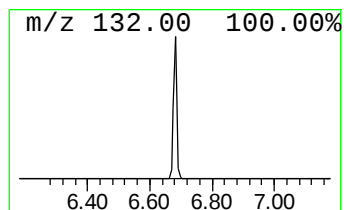
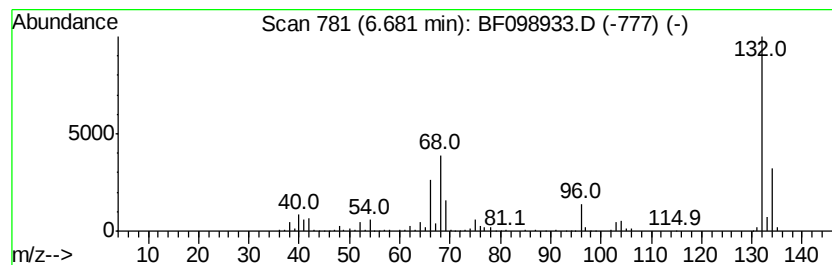
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.68 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	16.16 ng	562837	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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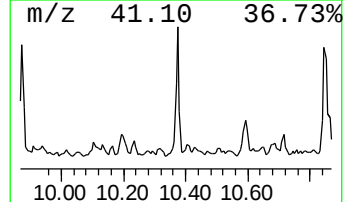
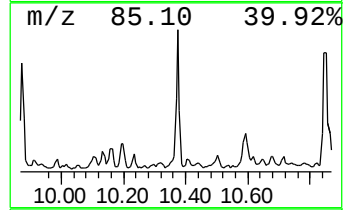
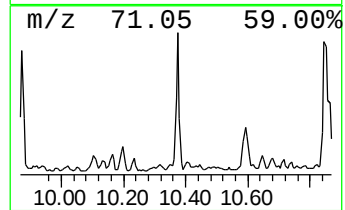
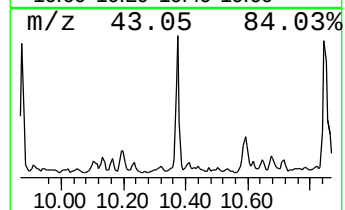
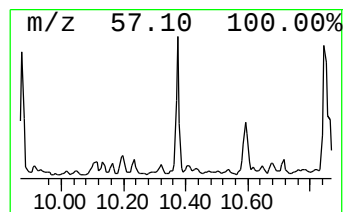
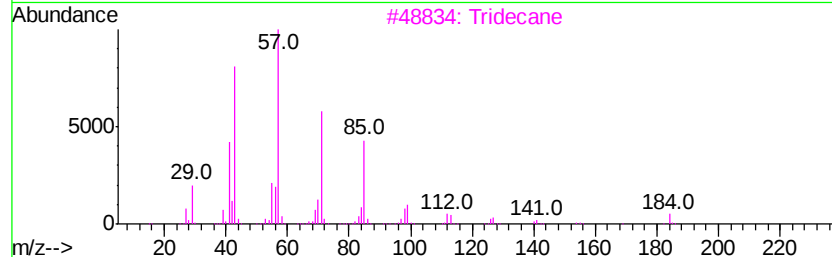
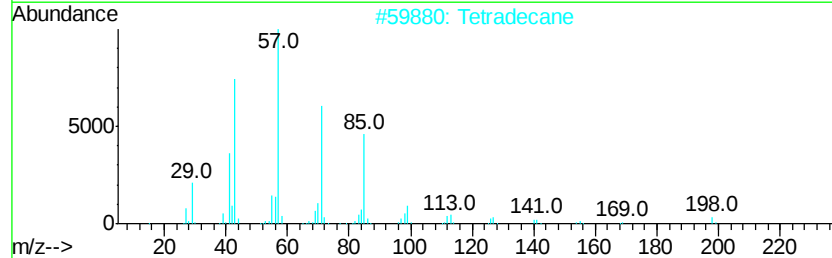
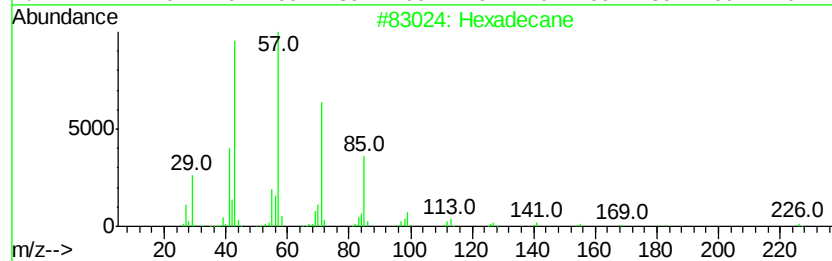
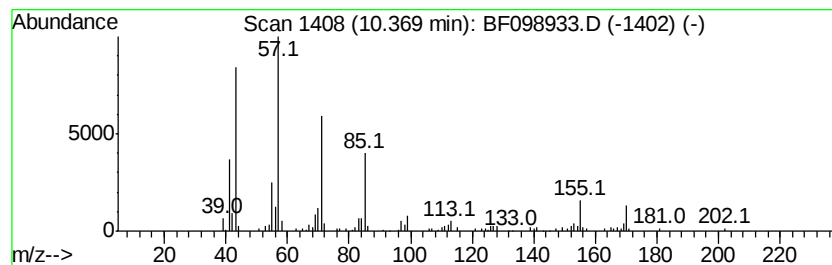
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.37	8.91 ng	300370	Acenaphthene-d10	9.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	55



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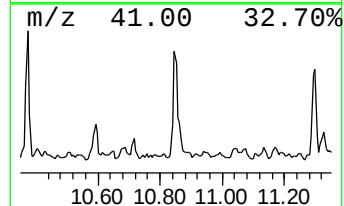
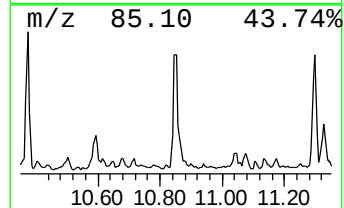
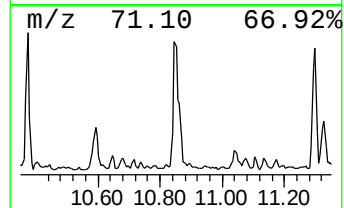
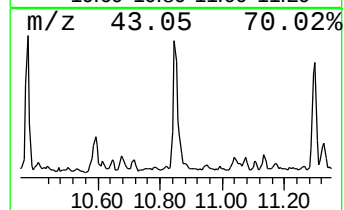
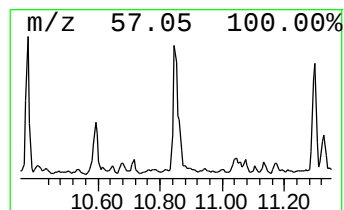
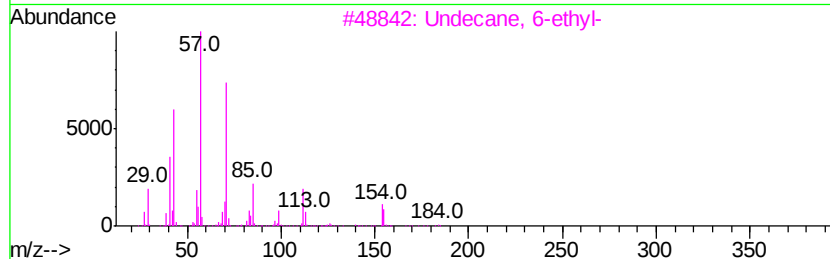
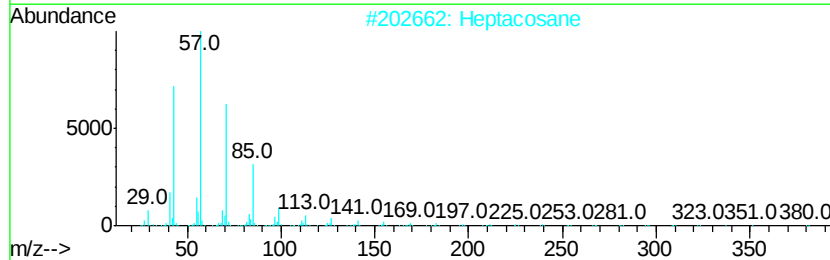
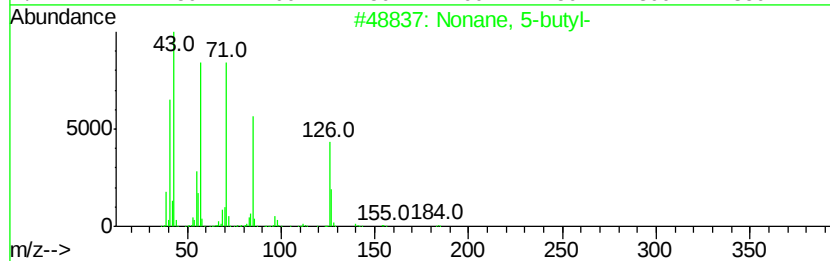
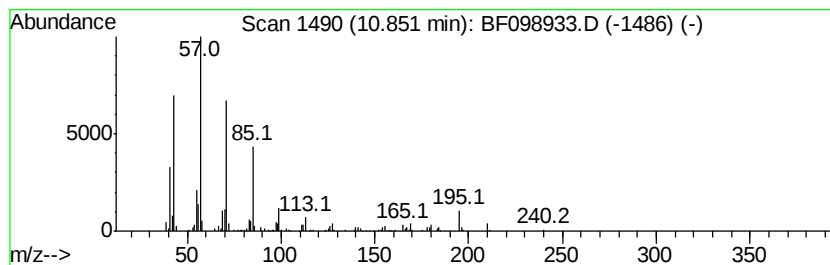
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 5-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	11.73 ng	369812	Phenanthrene-d10	11.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	83
2	Heptacosane	380	C27H56	000593-49-7	80
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
4	Octadecane	254	C18H38	000593-45-3	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70



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Misc :
ALS Vial : 22 Sample Multiplier: 1

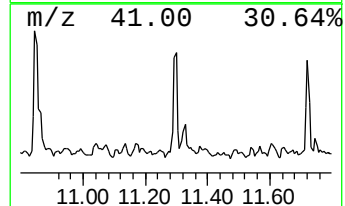
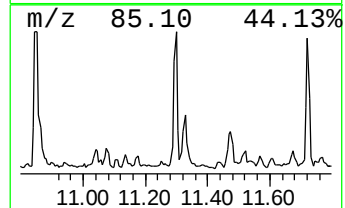
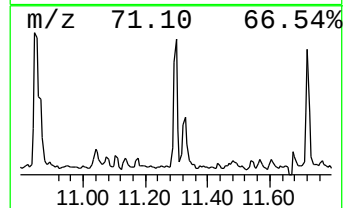
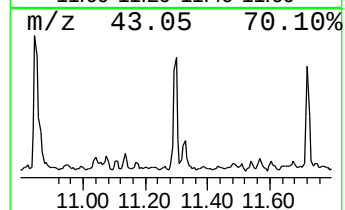
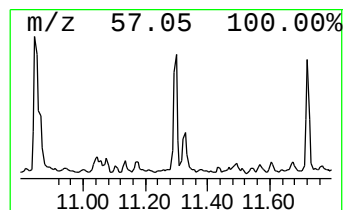
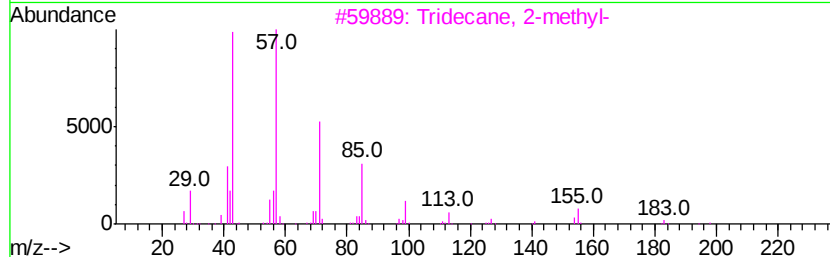
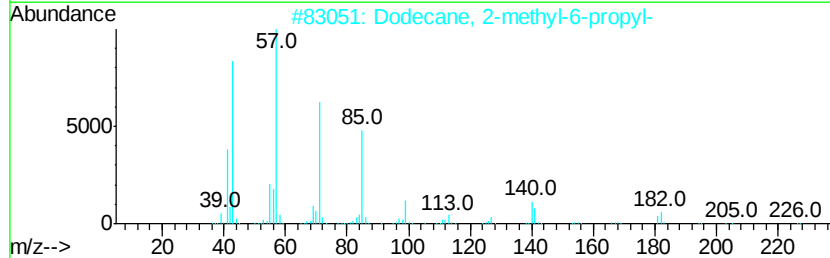
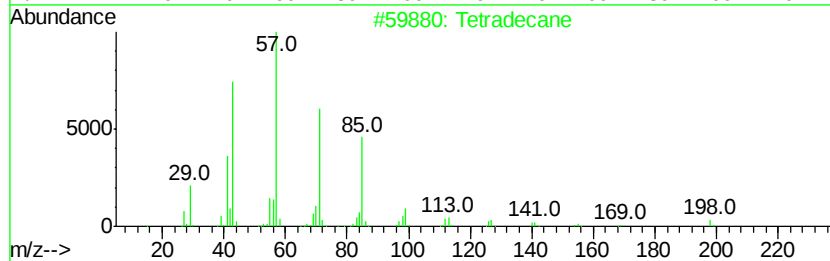
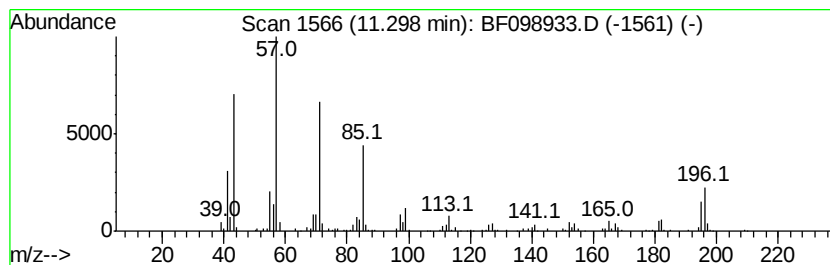
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ClientSampleId :
HD-02-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.30	9.53 ng	300523	Phenanthrene-d10		11.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	62
4	Heptacosane	380	C27H56	000593-49-7	58
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098933.D
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
Sample : I5515-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-092817

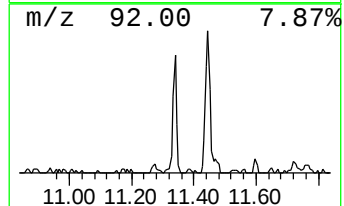
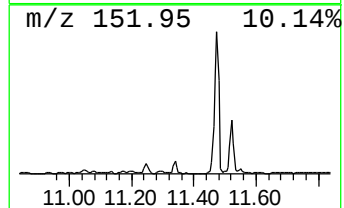
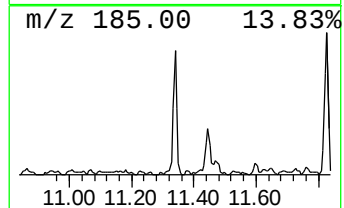
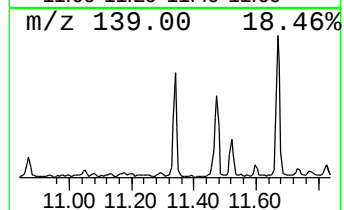
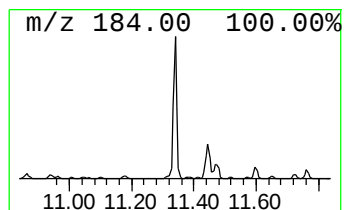
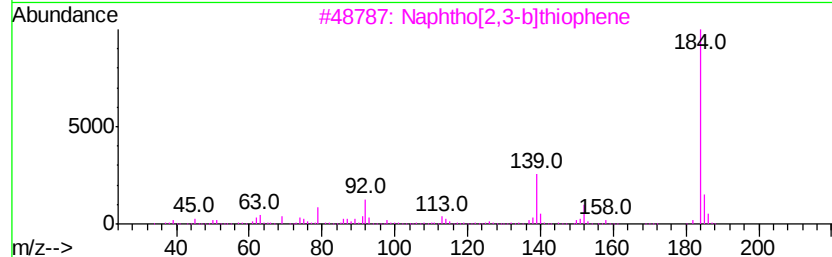
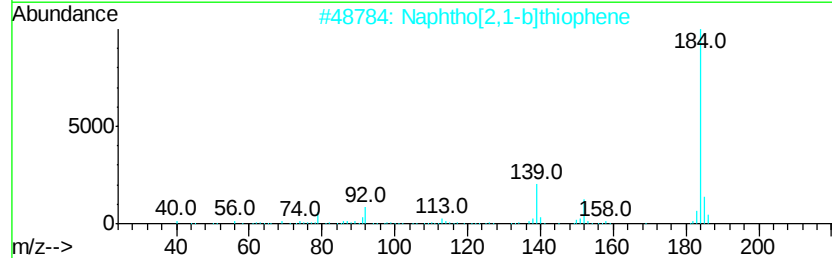
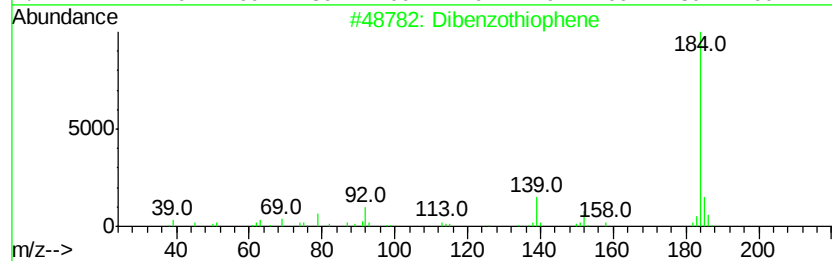
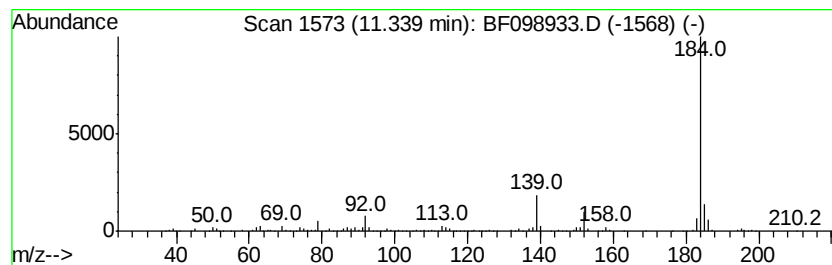
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	13.67 ng	431006	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098933.D
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
Sample : I5515-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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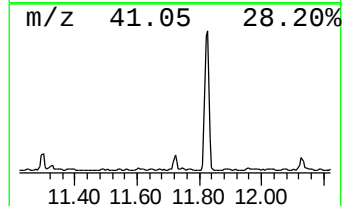
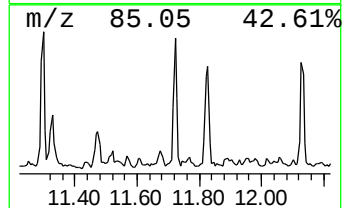
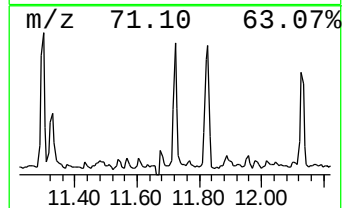
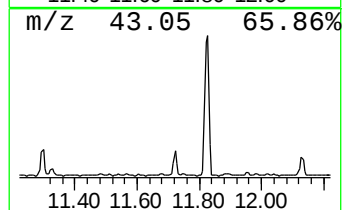
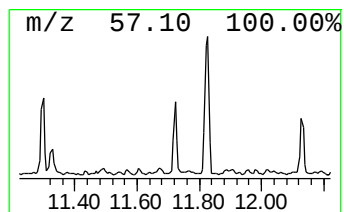
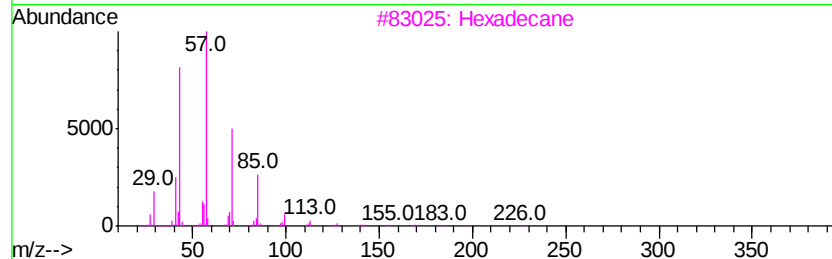
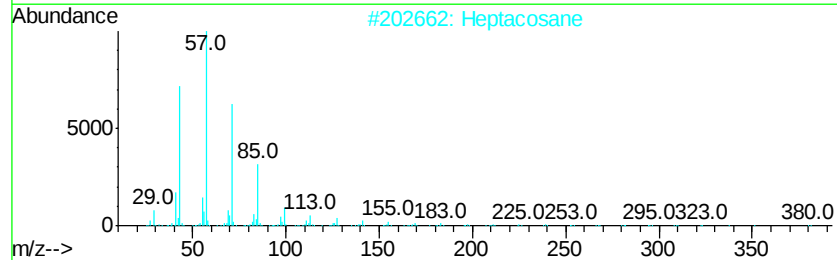
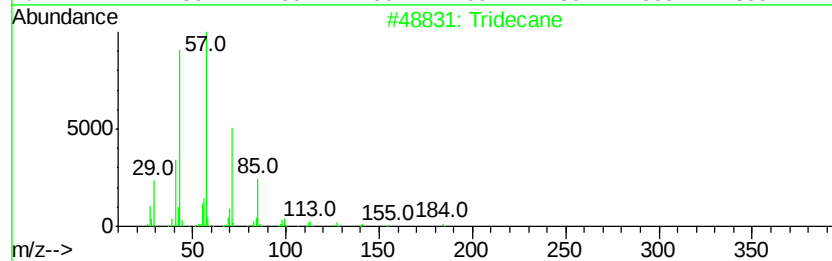
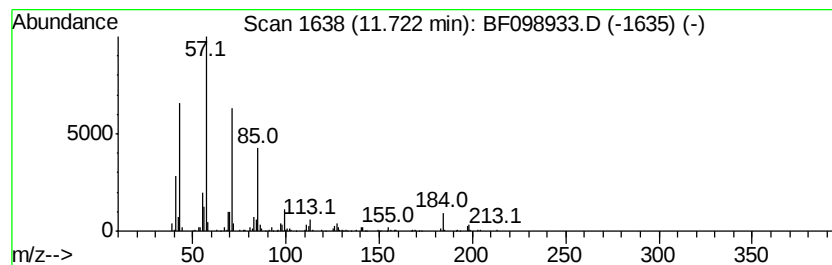
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.66 ng	273157	Phenanthrene-d10	11.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Heptacosane		380	C27H56	000593-49-7	87
3	Hexadecane		226	C16H34	000544-76-3	86
4	Dodecane, 3-methyl-		184	C13H28	017312-57-1	86
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098933.D
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
Sample : I5515-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-092817

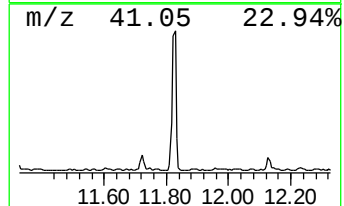
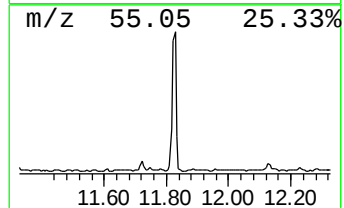
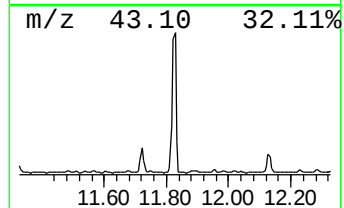
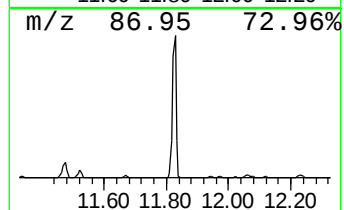
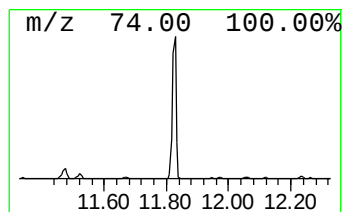
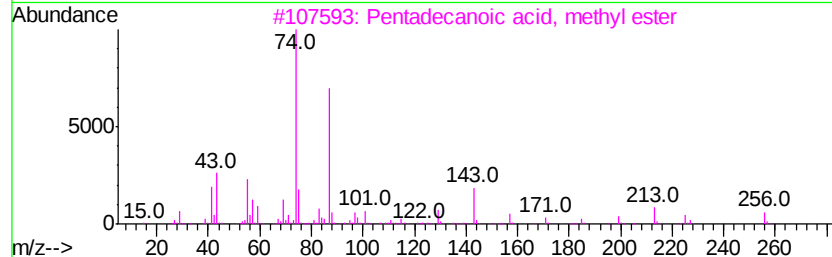
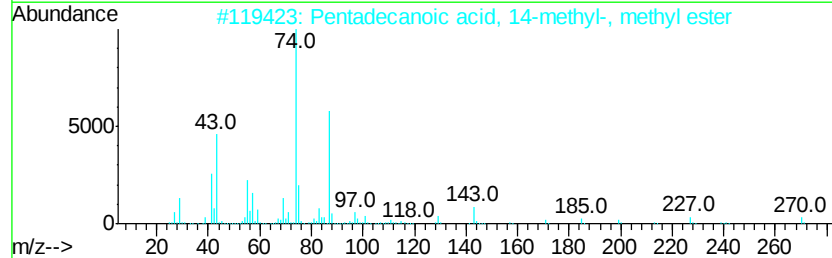
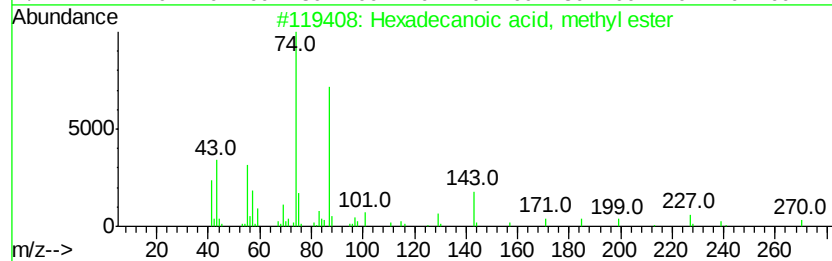
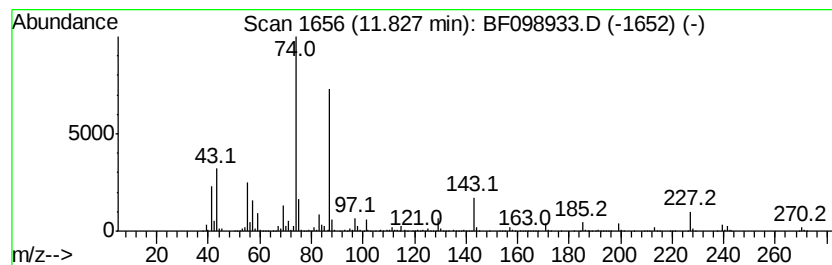
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	70.64 ng	2227580	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
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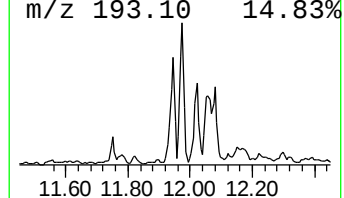
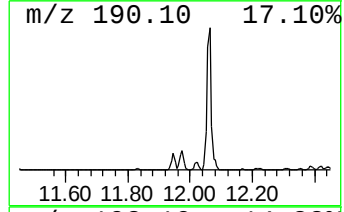
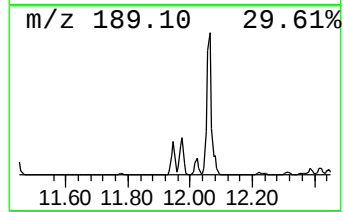
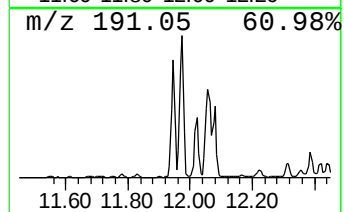
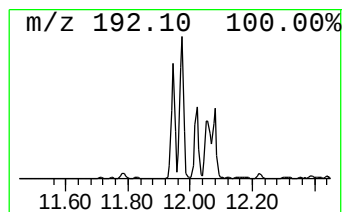
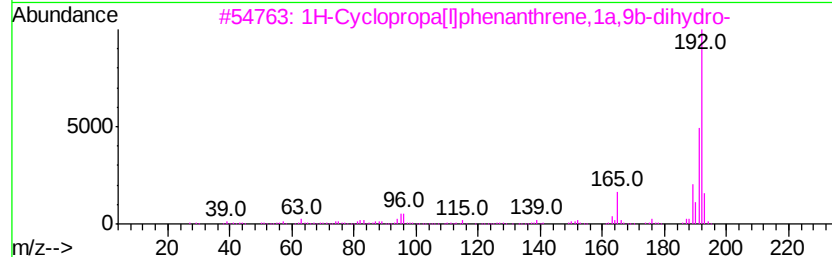
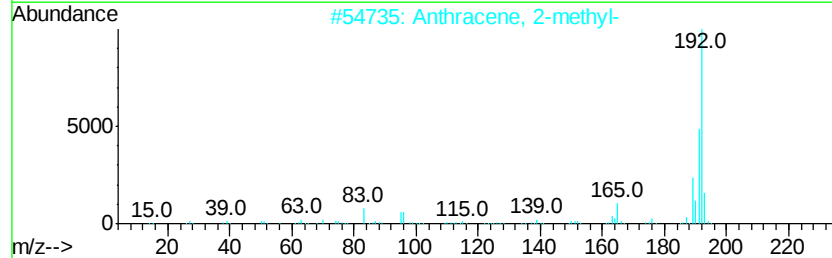
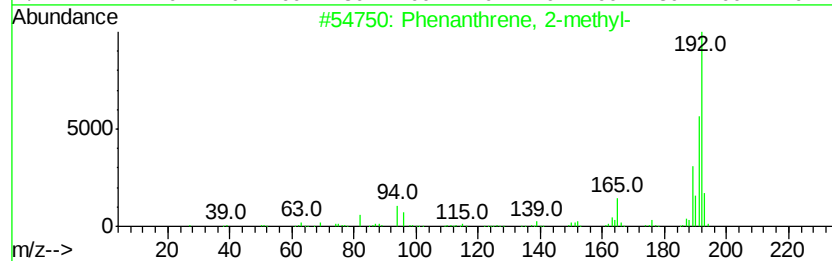
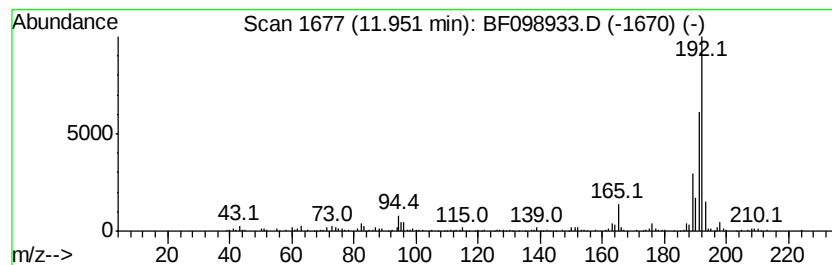
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	16.33 ng	514923	Phenanthrene-d10	11.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098933.D
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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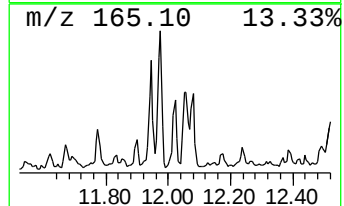
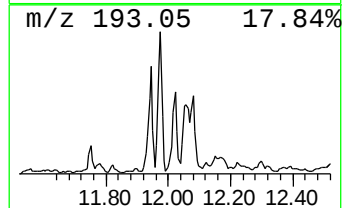
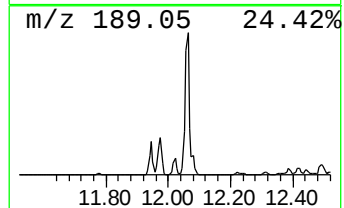
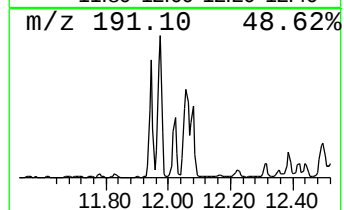
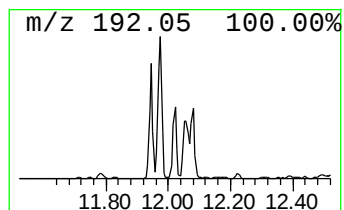
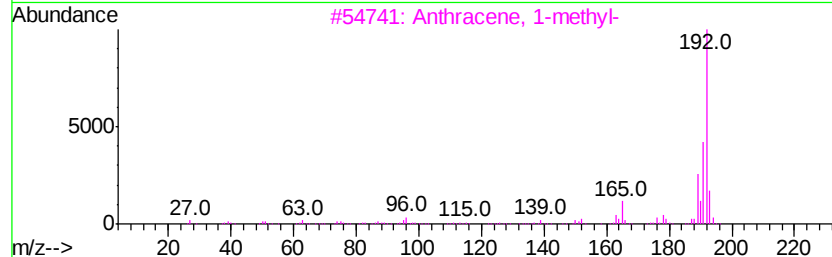
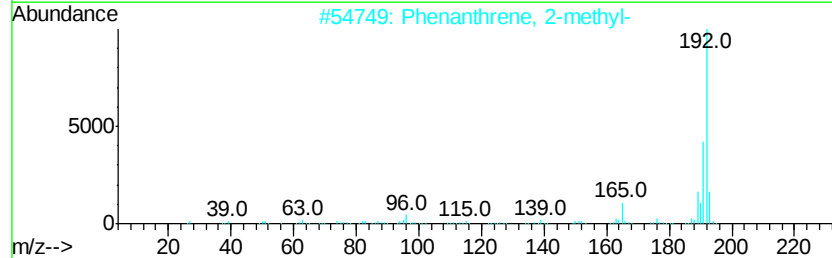
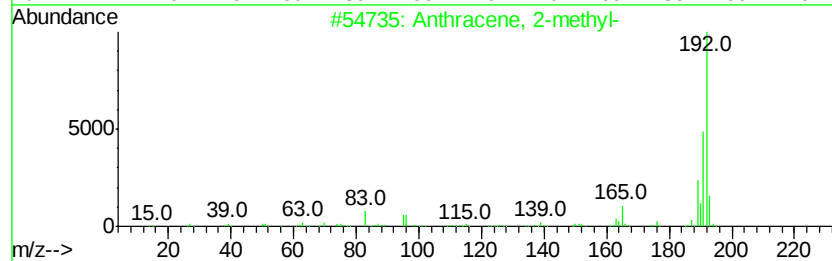
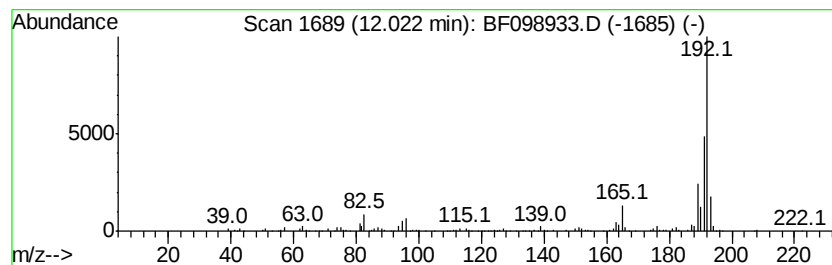
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	10.37 ng	327034	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098933.D
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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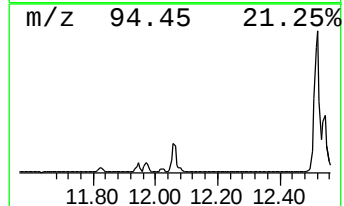
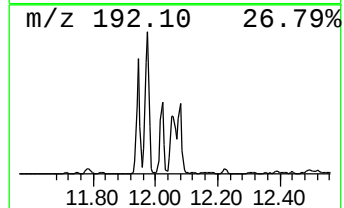
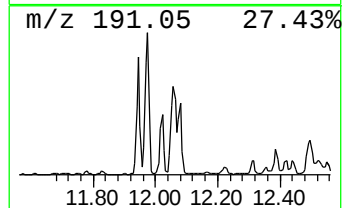
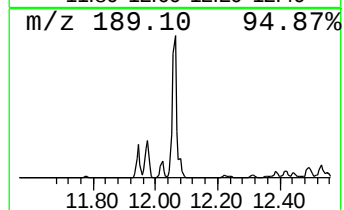
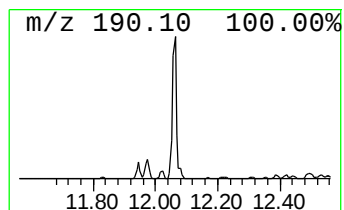
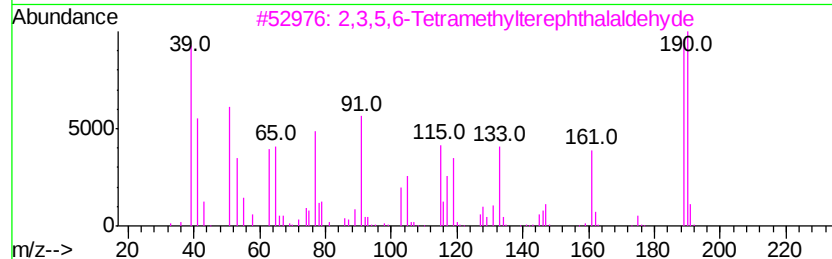
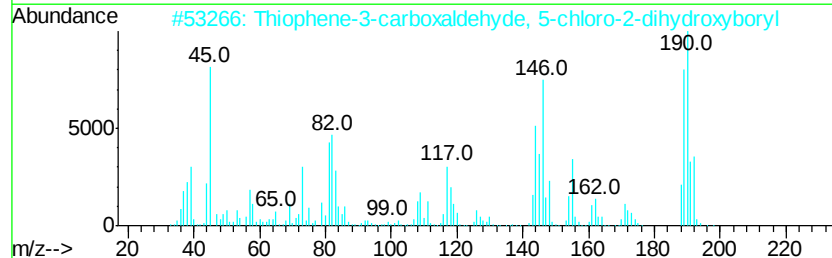
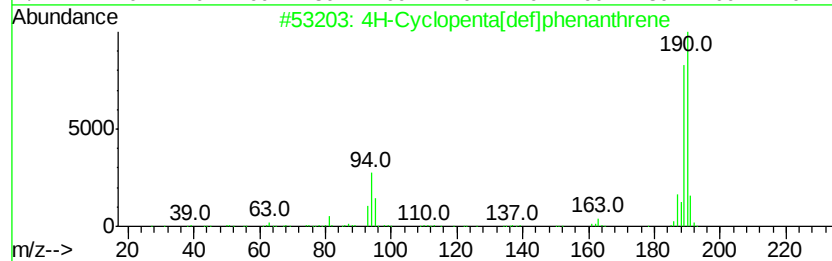
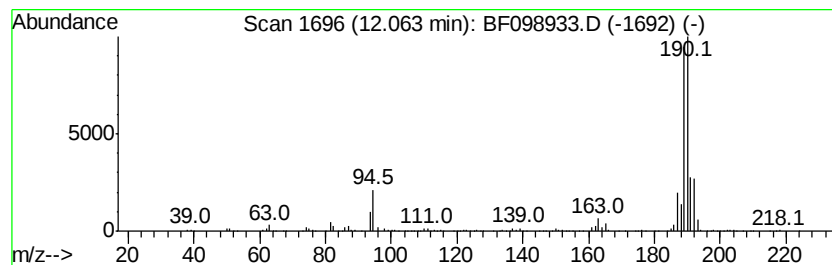
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	35.04 ng	1104880	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
5		Methyl diselenide	190	C2H6Se2	007101-31-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098933.D
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Operator : SJ/JU
Sample : I5515-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

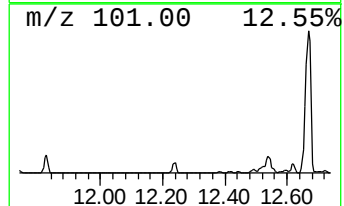
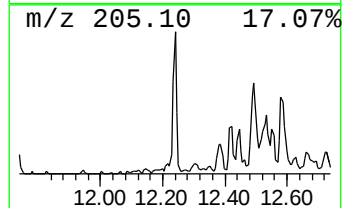
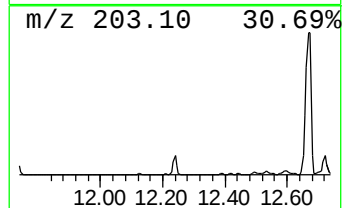
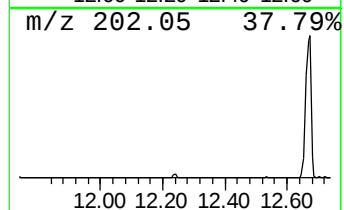
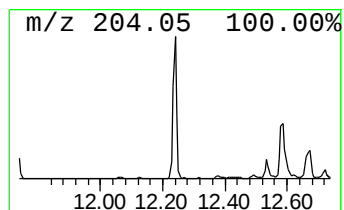
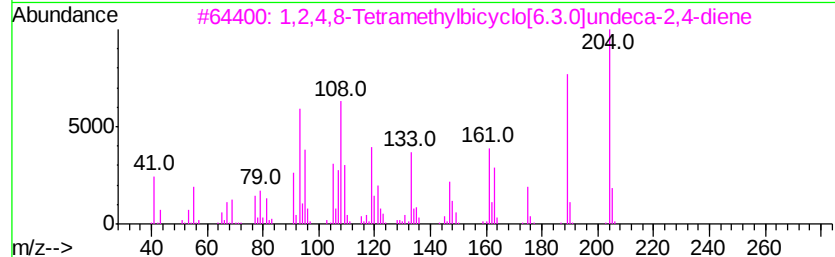
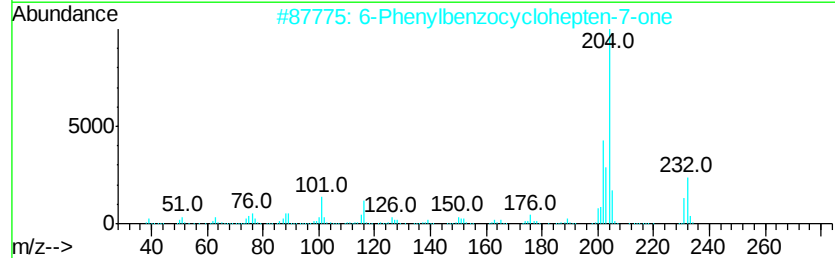
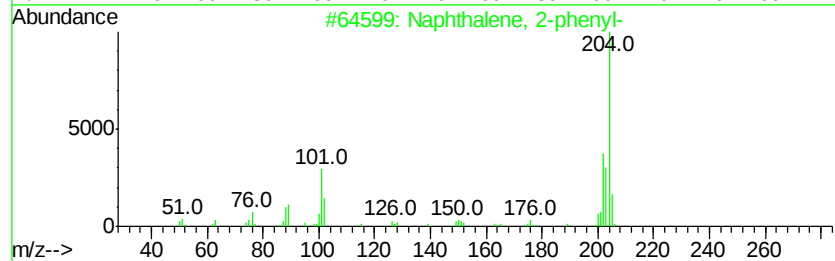
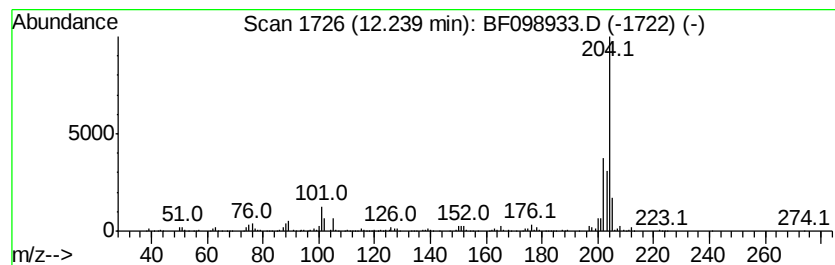
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.24	11.72 ng	369693	Phenanthrene-d10		11.45	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	74
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
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ClientSampleId :
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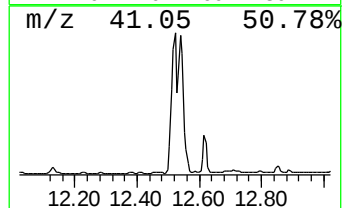
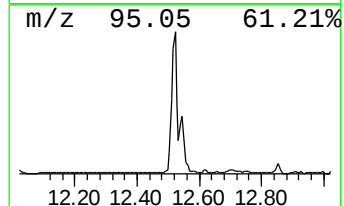
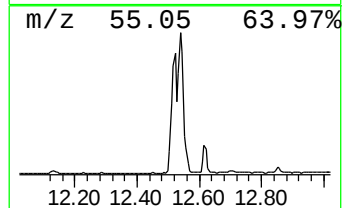
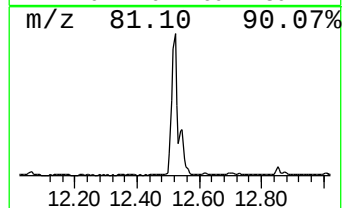
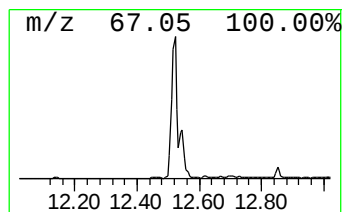
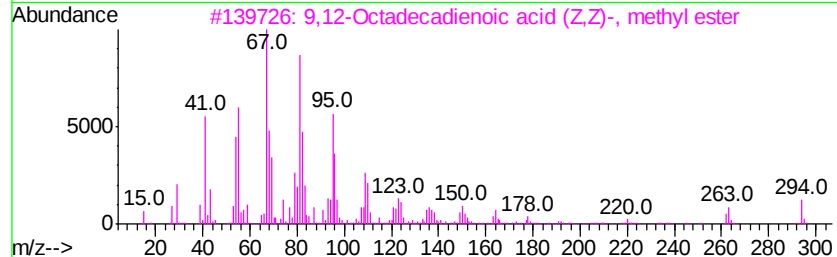
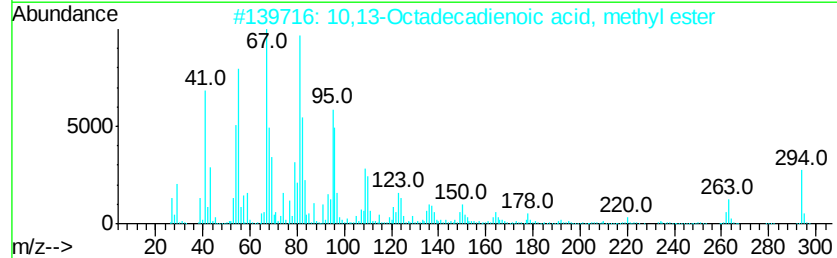
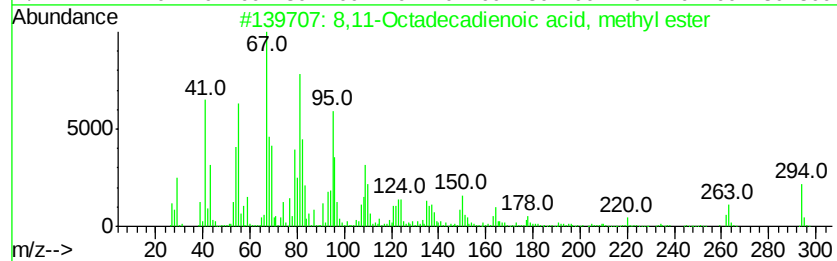
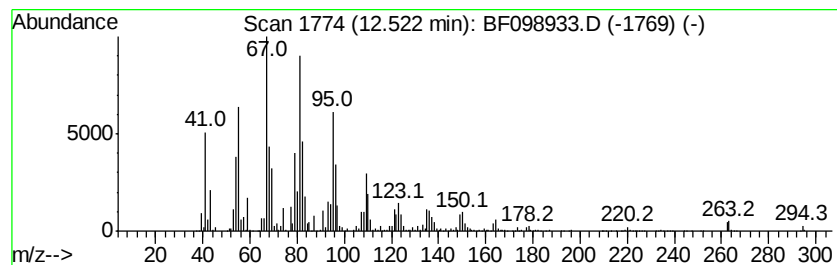
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 8,11-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	186.89 ng	5893150	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
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Acq On : 29 Sep 2017 3:36
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Misc :
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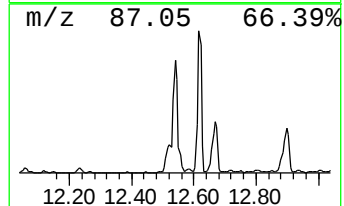
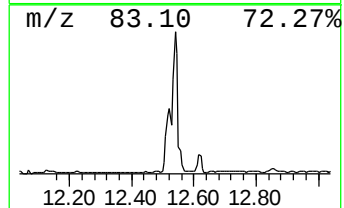
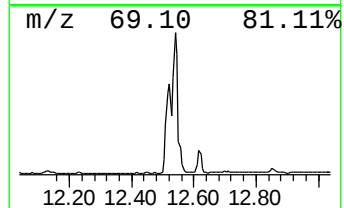
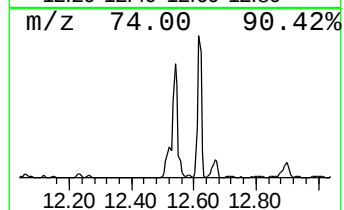
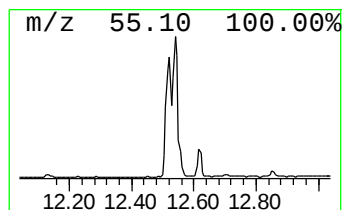
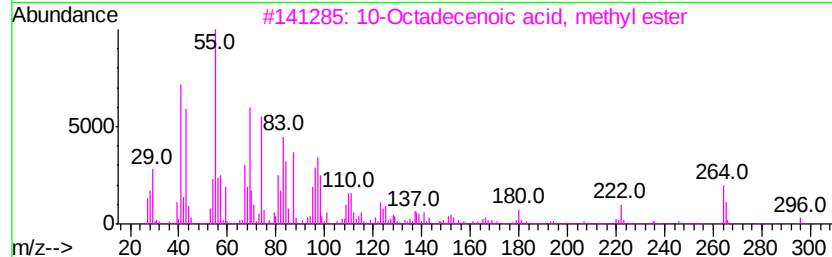
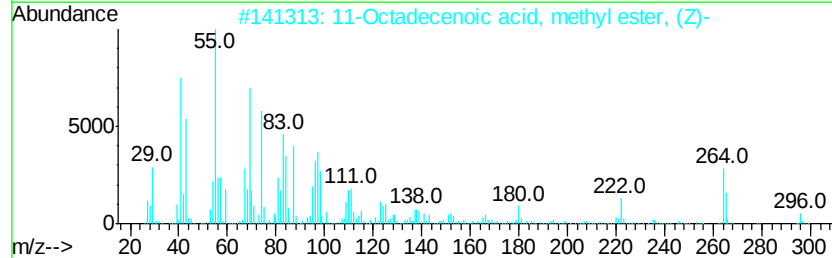
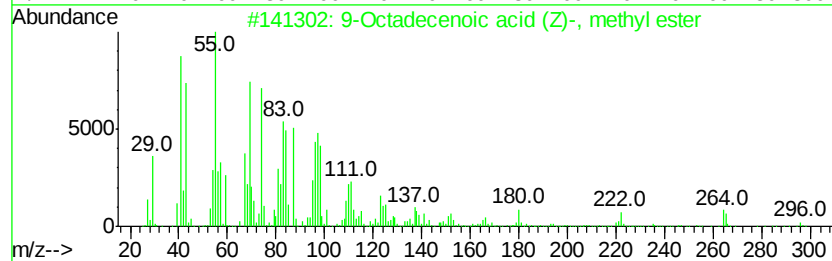
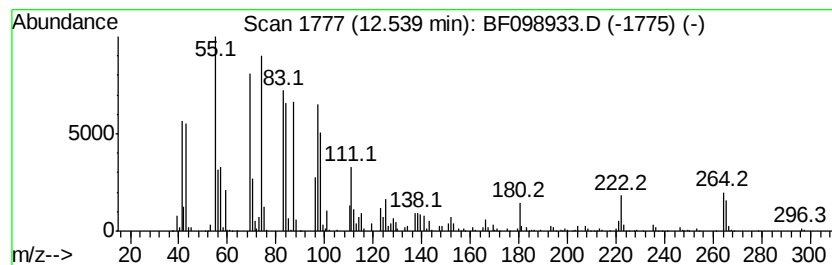
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	167.68 ng	5287430	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
2		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	89
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	89
4		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	76
5		8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098933.D
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
Sample : I5515-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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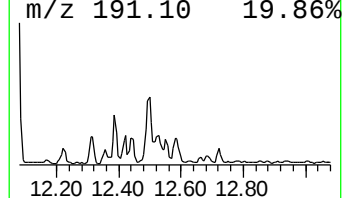
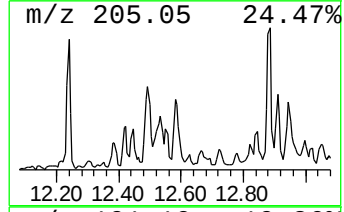
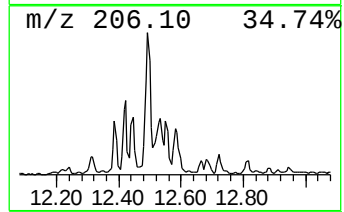
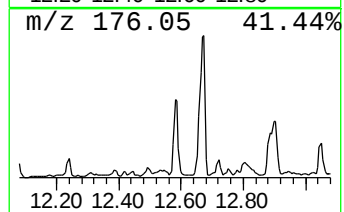
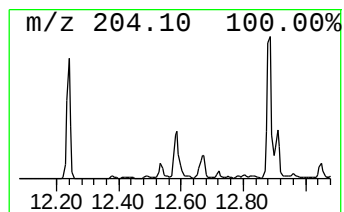
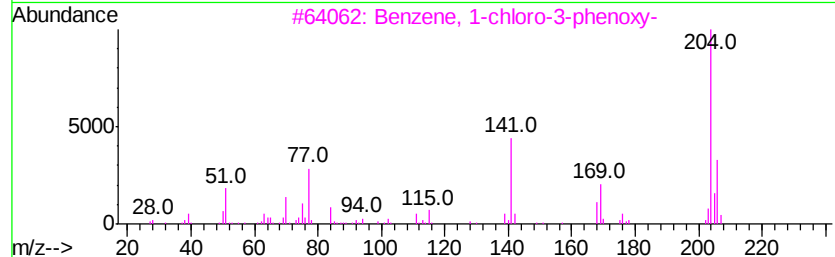
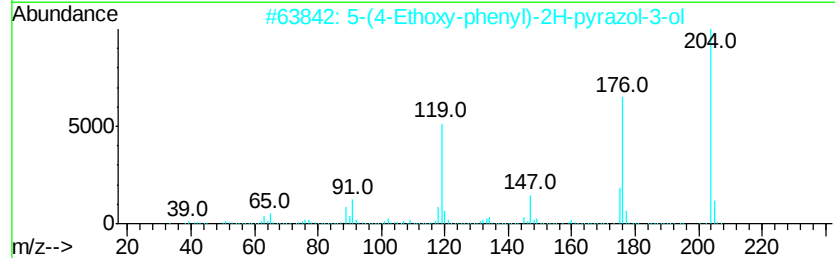
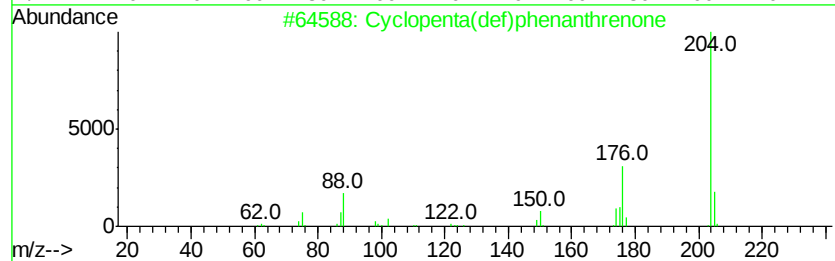
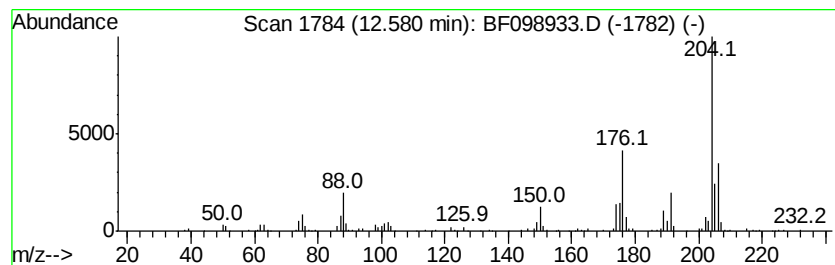
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	9.48 ng	298897	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
3		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	38
4		1,2,4,8-Tetramethylbicyclo[6.3.0]non-2-ene	204	C15H24	137235-51-9	38
5		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098933.D
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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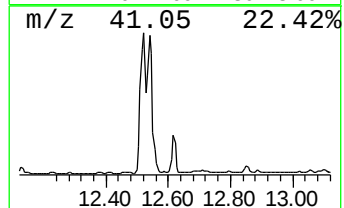
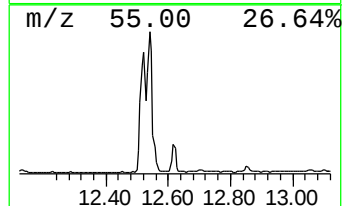
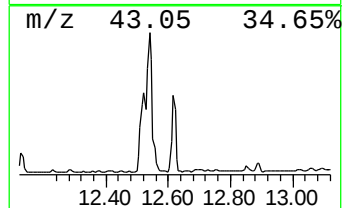
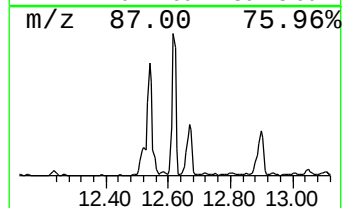
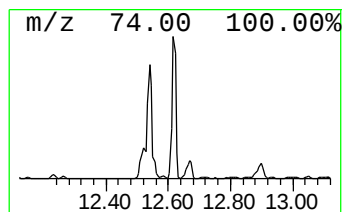
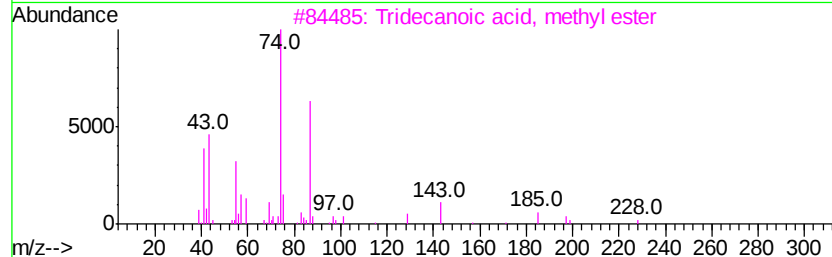
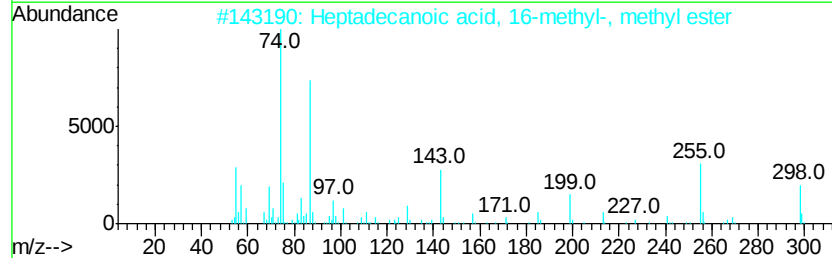
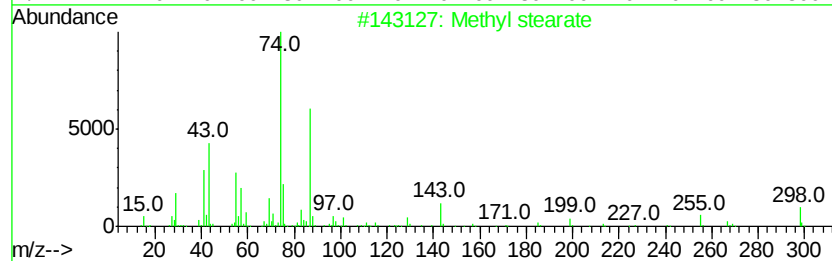
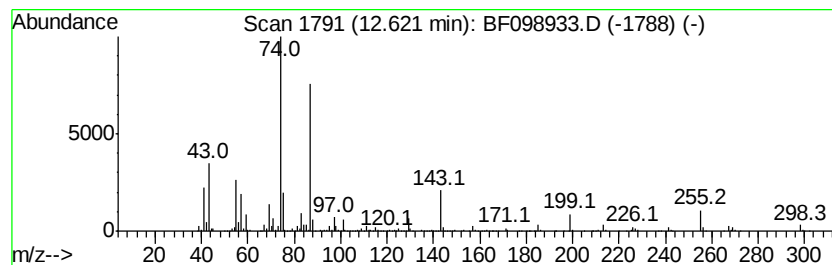
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	33.86 ng	1067650	Phenanthrene-d10	11.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	97
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91



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Acq On : 29 Sep 2017 3:36
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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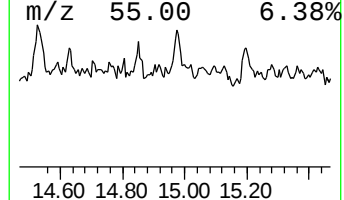
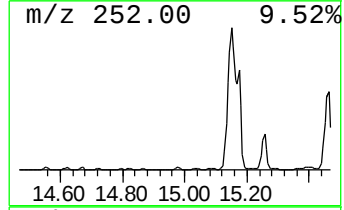
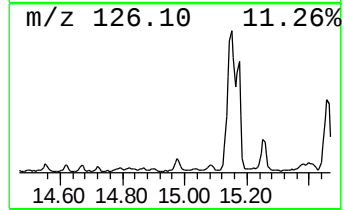
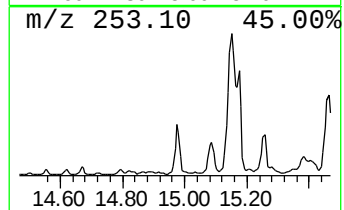
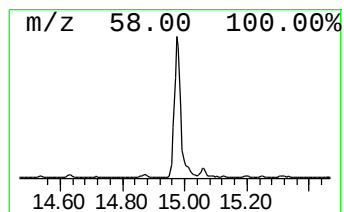
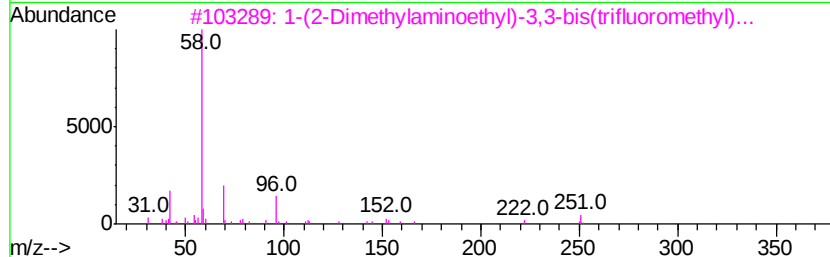
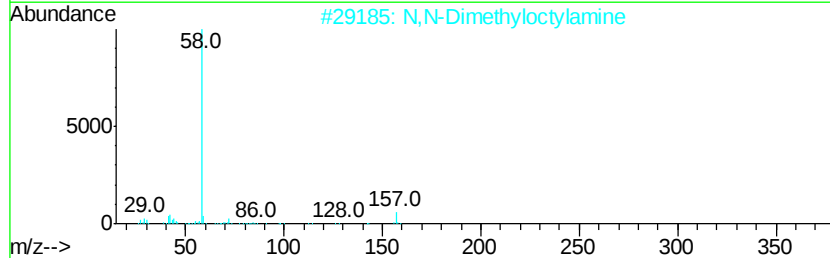
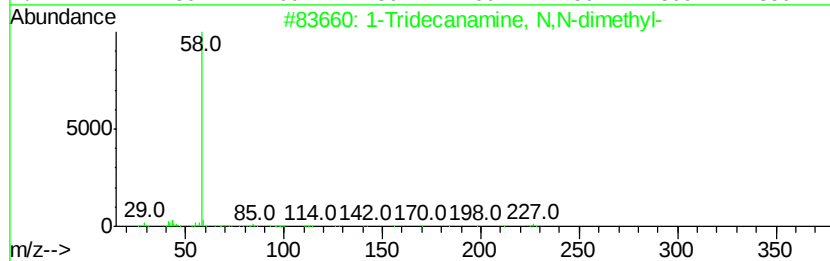
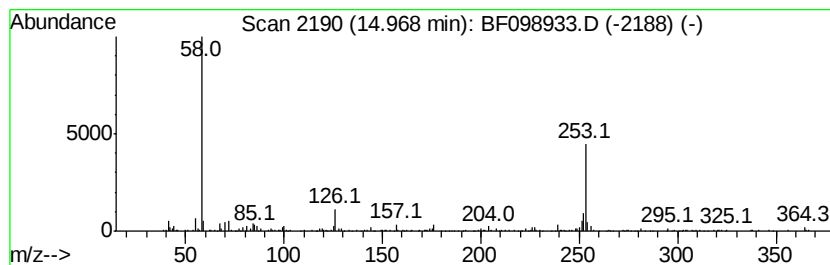
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.97 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	14.13 ng	435380	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	43
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	43
3		1-(2-Dimethylaminoethyl)-3,3-bis...	251	C7H11F6N3	106036-93-5	43
4		Benzedrex	155	C10H21N	000101-40-6	43
5		1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Hexadecane	10.37	8.9	ng	300370	3	9.96	673979	20.0
Nonane, 5-butyl-	10.85	11.7	ng	369812	4	11.45	630672	20.0
Tetradecane	11.30	9.5	ng	300523	4	11.45	630672	20.0
Dibenzothiophene	11.34	13.7	ng	431006	4	11.45	630672	20.0
Tridecane	11.72	8.7	ng	273157	4	11.45	630672	20.0
Hexadecanoic acid...	11.83	70.6	ng	2227580	4	11.45	630672	20.0
Phenanthrene, 2-m...	11.95	16.3	ng	514923	4	11.45	630672	20.0
Anthracene, 2-met...	12.02	10.4	ng	327034	4	11.45	630672	20.0
4H-Cyclopenta[def...	12.06	35.0	ng	1104880	4	11.45	630672	20.0
Naphthalene, 2-ph...	12.24	11.7	ng	369693	4	11.45	630672	20.0
8,11-Octadecadien...	12.52	186.9	ng	5893150	4	11.45	630672	20.0
9-Octadecenoic ac...	12.54	167.7	ng	5287430	4	11.45	630672	20.0
Cyclopenta(def)ph...	12.58	9.5	ng	298897	4	11.45	630672	20.0
Methyl stearate	12.62	33.9	ng	1067650	4	11.45	630672	20.0
unknown14.97	14.97	14.1	ng	435380	6	15.59	616086	20.0