

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
 Data File : BF099008.D
 Acq On : 2 Oct 2017 19:11
 Operator : SJ/JU
 Sample : I5531-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-64-1.5-3

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	2.222	18	23	29	rVB	148808	191534	6.11%	0.530%
2	4.022	324	329	333	rVB	35401	44687	1.43%	0.124%
3	5.134	515	518	534	rVB	442406	629128	20.08%	1.740%
4	5.528	577	585	588	rBV	2979897	3132884	100.00%	8.664%
5	6.434	735	739	741	rBV2	26875	36858	1.18%	0.102%
6	6.534	750	756	759	rBV	2740808	2966948	94.70%	8.205%
7	6.675	775	780	783	rBV	3247435	3114224	99.40%	8.613%
8	6.728	786	789	793	rBV2	49140	42636	1.36%	0.118%
9	6.904	815	819	822	rVB	964048	806253	25.74%	2.230%
10	7.063	839	846	849	rBV	2497152	2507340	80.03%	6.934%
11	7.463	909	914	917	rBV	1752078	1930630	61.62%	5.339%
12	7.539	923	927	931	rBV5	47759	61325	1.96%	0.170%
13	8.186	1033	1037	1039	rVV	1047483	1052010	33.58%	2.909%
14	8.204	1039	1040	1043	rVV	251904	152141	4.86%	0.421%
15	8.234	1043	1045	1048	rVB	89853	71317	2.28%	0.197%
16	8.469	1081	1085	1089	rVB5	47675	54316	1.73%	0.150%
17	8.598	1104	1107	1109	rBV	124326	103725	3.31%	0.287%
18	8.769	1133	1136	1140	rBV2	60185	58258	1.86%	0.161%
19	8.898	1155	1158	1161	rVB	194936	170362	5.44%	0.471%
20	8.957	1165	1168	1170	rBV3	34907	36263	1.16%	0.100%
21	8.992	1170	1174	1178	rBV	139271	139137	4.44%	0.385%
22	9.086	1186	1190	1193	rVB	46717	43376	1.38%	0.120%
23	9.128	1194	1197	1201	rVB4	41503	43854	1.40%	0.121%
24	9.198	1206	1209	1212	rVV	163013	133064	4.25%	0.368%
25	9.257	1214	1219	1223	rBV	3094385	3038000	96.97%	8.402%
26	9.333	1228	1232	1235	rBV2	97642	119772	3.82%	0.331%
27	9.404	1242	1244	1247	rVB2	39580	37069	1.18%	0.103%
28	9.451	1249	1252	1257	rVB	60469	68342	2.18%	0.189%
29	9.528	1260	1265	1269	rVB2	175315	232982	7.44%	0.644%
30	9.569	1269	1272	1274	rBV4	47383	46145	1.47%	0.128%
31	9.598	1274	1277	1279	rVV	206822	215593	6.88%	0.596%
32	9.622	1279	1281	1283	rVV	156510	126216	4.03%	0.349%
33	9.651	1283	1286	1289	rVB	866823	715051	22.82%	1.978%
34	9.680	1289	1291	1293	rVB	44583	35644	1.14%	0.099%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.716	1293	1297	1298	rBV2	104805	99750	3.18%	0.276%
36	9.798	1308	1311	1314	rVB2	98486	93893	3.00%	0.260%
37	9.857	1314	1321	1326	rBV3	79990	155800	4.97%	0.431%
38	9.904	1326	1329	1330	rVV2	41204	46535	1.49%	0.129%
39	9.939	1330	1335	1338	rVV2	1072302	1039170	33.17%	2.874%
40	9.975	1338	1341	1343	rVV2	97088	101252	3.23%	0.280%
41	10.004	1343	1346	1349	rVB3	46283	50952	1.63%	0.141%
42	10.039	1349	1352	1357	rBV2	117313	142027	4.53%	0.393%
43	10.086	1357	1360	1363	rBV4	60747	85188	2.72%	0.236%
44	10.139	1363	1369	1373	rVB3	196196	242138	7.73%	0.670%
45	10.180	1373	1376	1380	rBV2	190194	185263	5.91%	0.512%
46	10.257	1385	1389	1391	rBV	139089	145388	4.64%	0.402%
47	10.280	1391	1393	1395	rVV	104900	84024	2.68%	0.232%
48	10.304	1395	1397	1400	rVB3	50758	44530	1.42%	0.123%
49	10.345	1400	1404	1405	rBV	131436	149006	4.76%	0.412%
50	10.363	1405	1407	1409	rVB	164609	121615	3.88%	0.336%
51	10.392	1409	1412	1414	rBV3	50397	51506	1.64%	0.142%
52	10.480	1422	1427	1430	rBV4	98739	153839	4.91%	0.425%
53	10.580	1441	1444	1450	rVB	295184	333794	10.65%	0.923%
54	10.633	1450	1453	1459	rVB4	61654	98577	3.15%	0.273%
55	10.704	1462	1465	1466	rBV3	45869	39380	1.26%	0.109%
56	10.727	1466	1469	1473	rVB	1410045	1331679	42.51%	3.683%
57	10.845	1484	1489	1493	rBV	585421	642303	20.50%	1.776%
58	10.927	1500	1503	1505	rBV2	50903	44058	1.41%	0.122%
59	11.027	1516	1520	1523	rBV5	57810	90549	2.89%	0.250%
60	11.063	1523	1526	1529	rVB2	87703	88294	2.82%	0.244%
61	11.175	1540	1545	1552	rVV6	62576	147971	4.72%	0.409%
62	11.233	1552	1555	1558	rVV2	80651	86154	2.75%	0.238%
63	11.280	1560	1563	1565	rVV2	126129	128263	4.09%	0.355%
64	11.310	1565	1568	1575	rVB2	250188	326814	10.43%	0.904%
65	11.427	1584	1588	1590	rBV	965123	823743	26.29%	2.278%
66	11.451	1590	1592	1596	rVV	393716	317039	10.12%	0.877%
67	11.504	1599	1601	1603	rVB	62415	44141	1.41%	0.122%
68	11.539	1603	1607	1609	rBV3	40349	57138	1.82%	0.158%
69	11.657	1625	1627	1631	rBV2	73385	76409	2.44%	0.211%
70	11.710	1634	1636	1639	rVB3	68857	57299	1.83%	0.158%
71	11.757	1642	1644	1650	rVB3	74172	90047	2.87%	0.249%

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72	11.927	1670	1673	1674	rBV	110142	84414	2.69%	0.233%
73	11.957	1675	1678	1681	rVB	169346	187575	5.99%	0.519%
74	12.004	1683	1686	1689	rVV3	38799	59821	1.91%	0.165%
75	12.039	1689	1692	1694	rVV2	126067	141067	4.50%	0.390%
76	12.063	1694	1696	1699	rVB	77338	61571	1.97%	0.170%
77	12.116	1702	1705	1707	rBV	67593	55139	1.76%	0.152%
78	12.222	1720	1723	1726	rBV2	79339	72489	2.31%	0.200%
79	12.404	1751	1754	1756	rBV2	45417	39361	1.26%	0.109%
80	12.427	1756	1758	1761	rVB	47828	40260	1.29%	0.111%
81	12.480	1764	1767	1769	rBV	113597	105401	3.36%	0.291%
82	12.504	1769	1771	1775	rVV3	61817	81296	2.59%	0.225%
83	12.569	1779	1782	1786	rVB	44280	53655	1.71%	0.148%
84	12.645	1791	1795	1799	rVB	285417	240571	7.68%	0.665%
85	12.874	1828	1834	1835	rBV2	253851	301989	9.64%	0.835%
86	12.921	1840	1842	1846	rVB2	67702	72845	2.33%	0.201%
87	13.010	1853	1857	1860	rBV	2119234	1828995	58.38%	5.058%
88	13.169	1881	1884	1887	rBV4	30824	43327	1.38%	0.120%
89	13.486	1934	1938	1945	rVB	257151	278934	8.90%	0.771%
90	13.704	1973	1975	1983	rVB	65338	84794	2.71%	0.235%
91	13.892	2004	2007	2016	rVB4	145718	202785	6.47%	0.561%
92	14.068	2032	2037	2040	rBV	838812	824374	26.31%	2.280%
93	14.092	2040	2041	2044	rVB	106022	59040	1.88%	0.163%
94	14.215	2060	2062	2068	rVB5	37382	51140	1.63%	0.141%
95	14.521	2111	2114	2121	rVB6	56908	77247	2.47%	0.214%
96	15.115	2212	2215	2218	rBV	68450	70289	2.24%	0.194%
97	15.174	2223	2225	2231	rVB3	35449	40541	1.29%	0.112%
98	15.427	2265	2268	2273	rVB	63325	77066	2.46%	0.213%
99	15.492	2275	2279	2283	rVV	69667	100643	3.21%	0.278%
100	15.557	2285	2290	2302	rVB	618908	850094	27.13%	2.351%

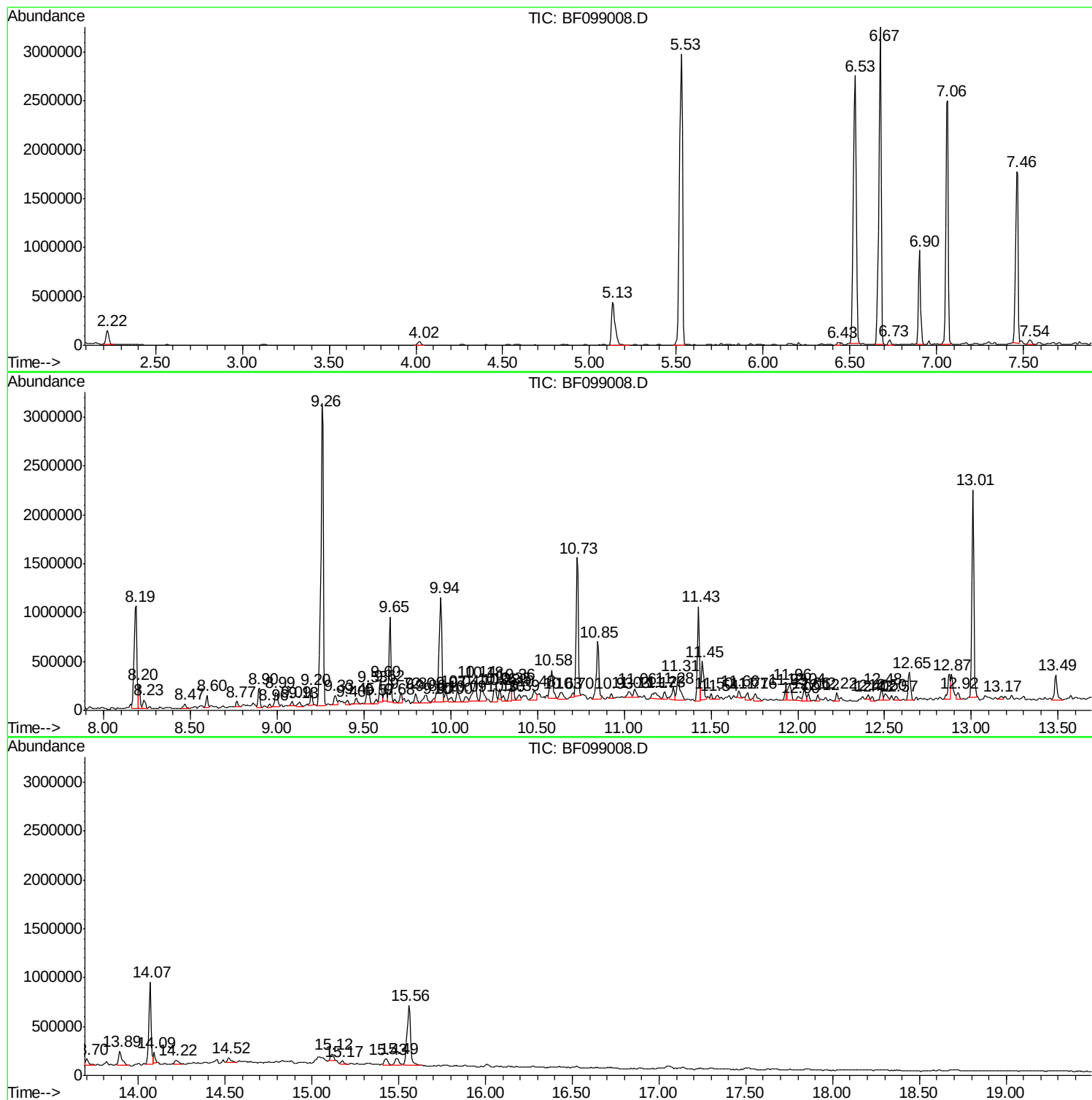
Sum of corrected areas: 36159335

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G-64-1.5-3

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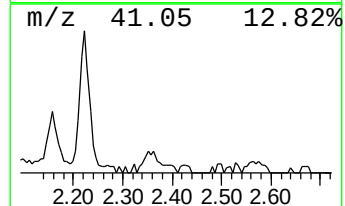
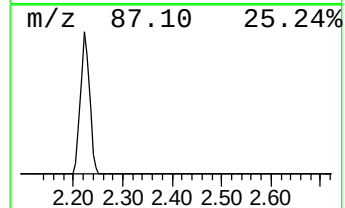
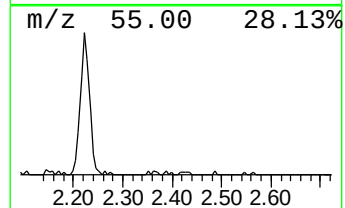
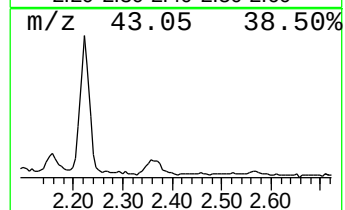
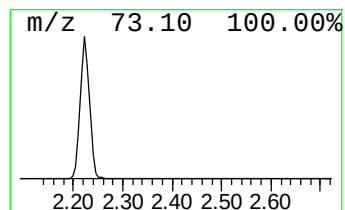
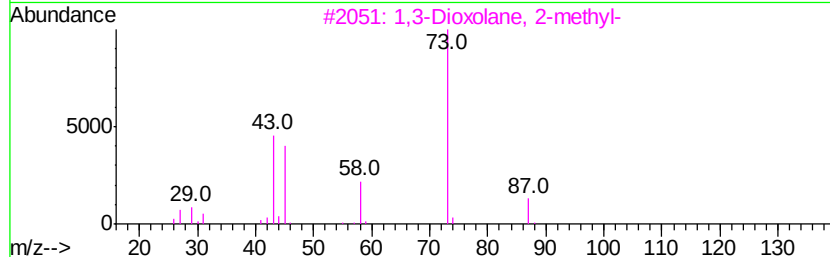
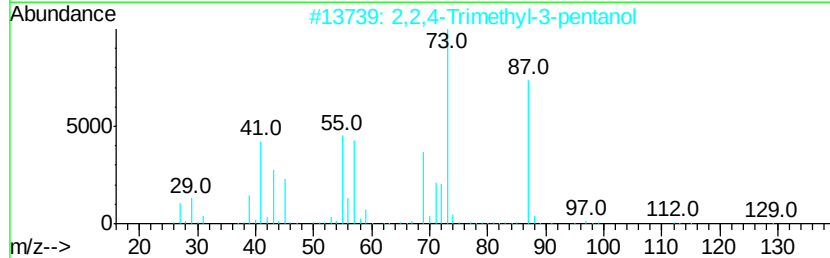
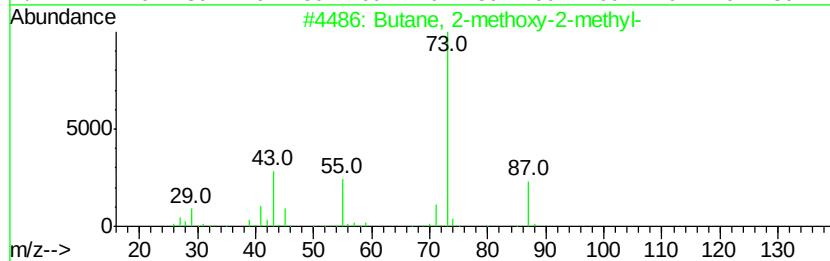
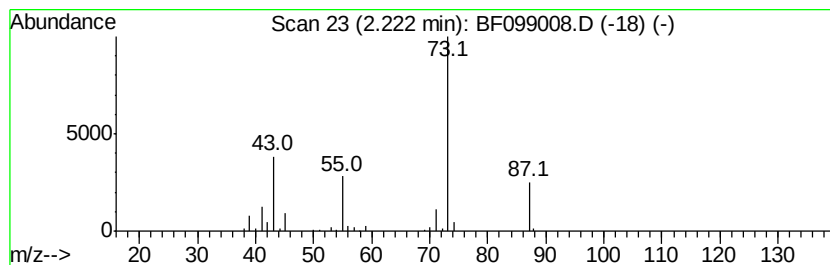
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	4.75 ng	191534	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16



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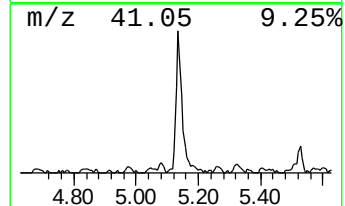
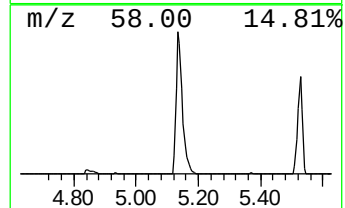
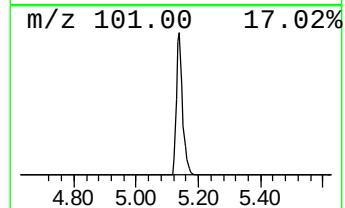
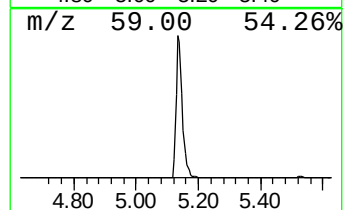
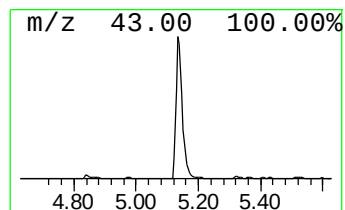
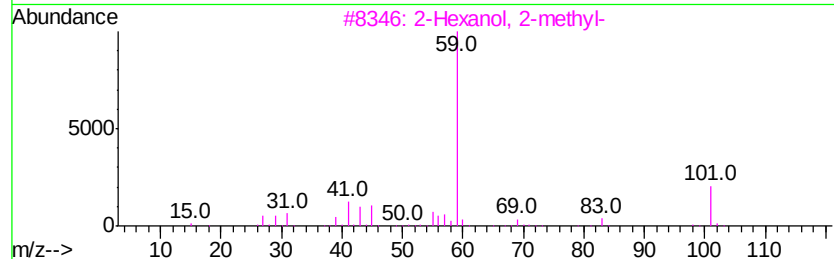
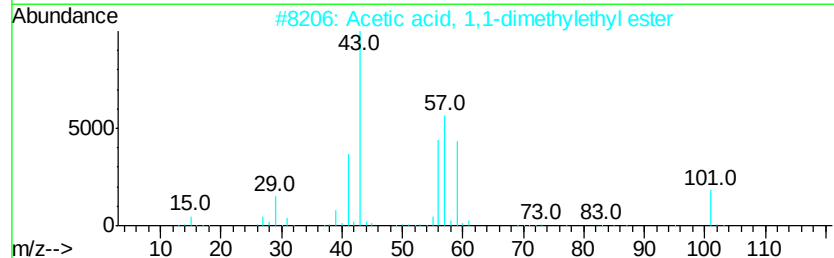
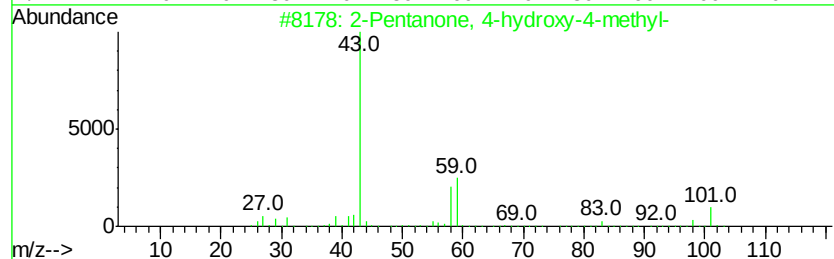
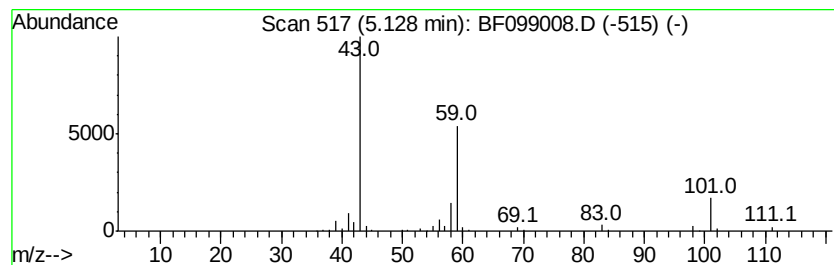
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	15.61 ng	629128	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23



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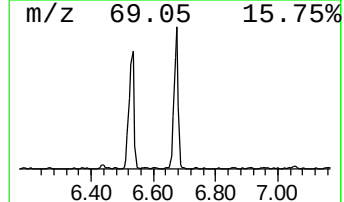
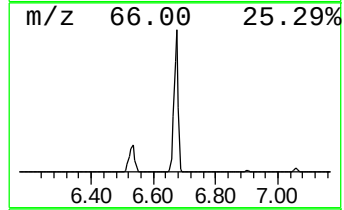
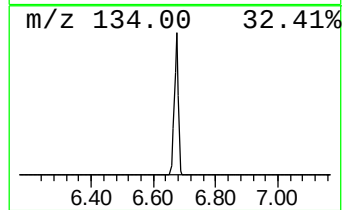
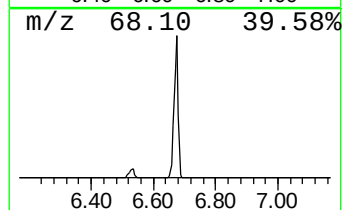
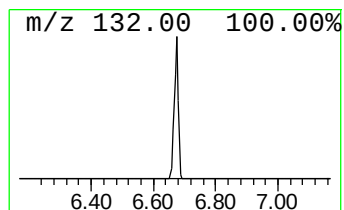
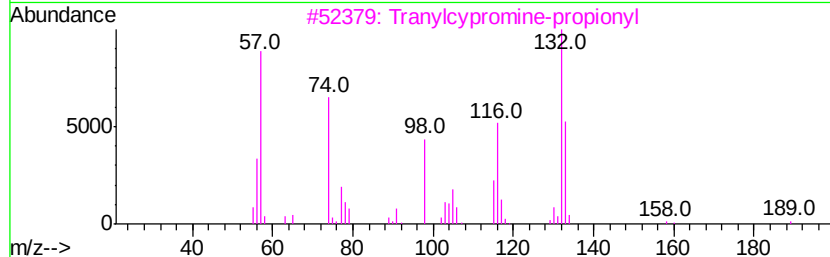
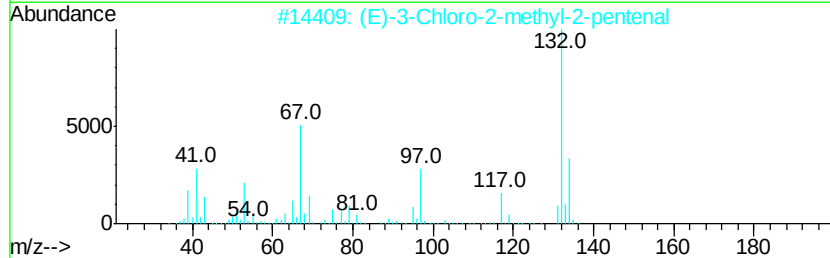
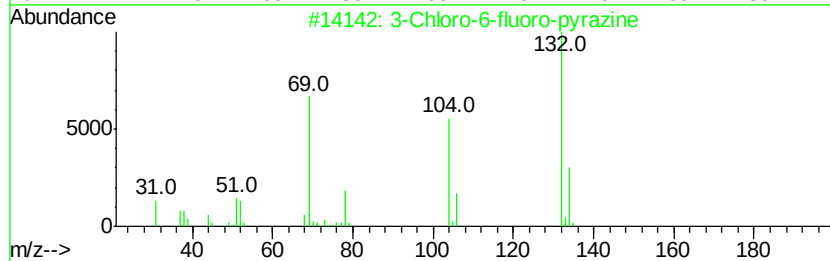
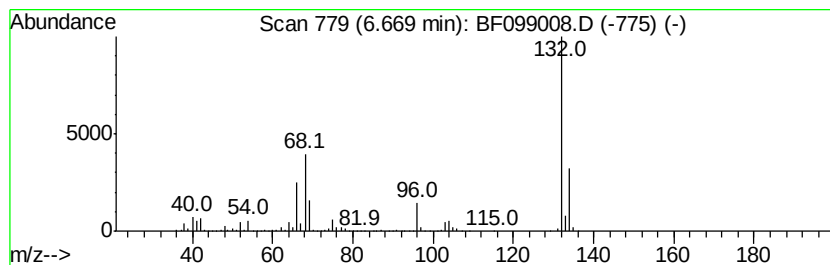
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	77.25 ng	3114220	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
Sample : I5531-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

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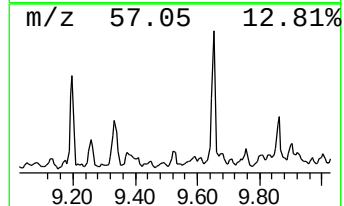
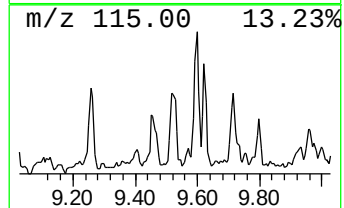
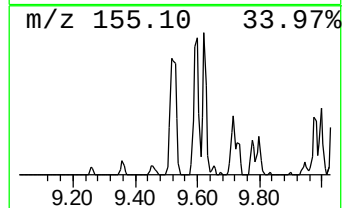
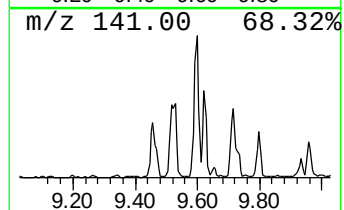
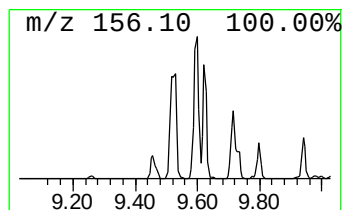
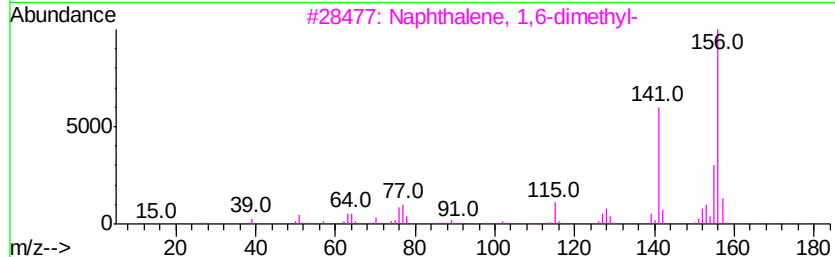
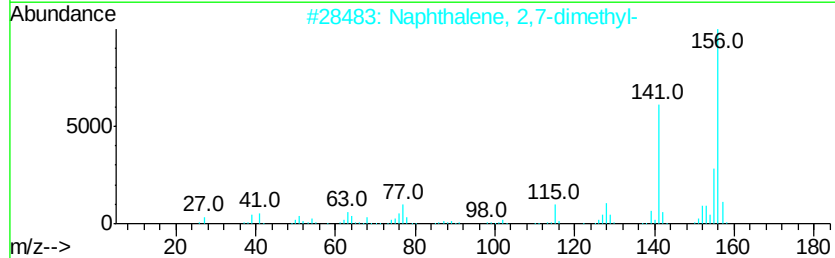
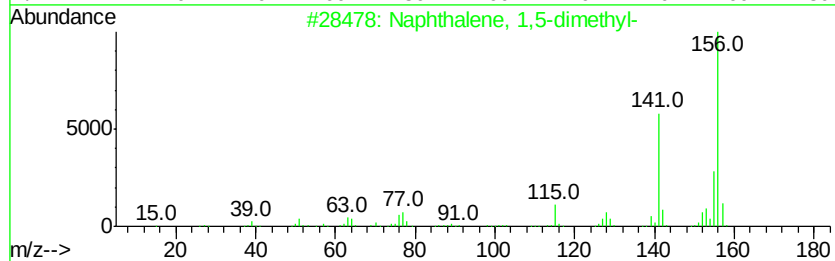
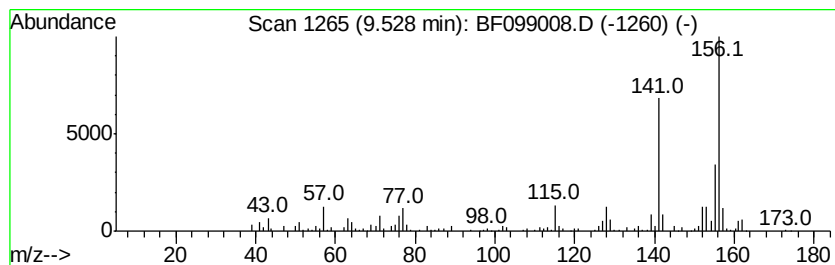
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	4.48 ng	232982	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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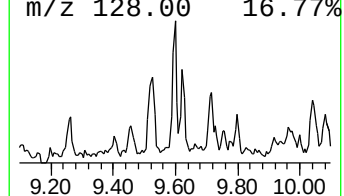
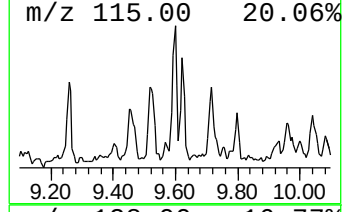
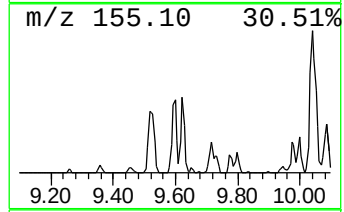
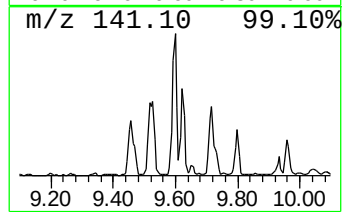
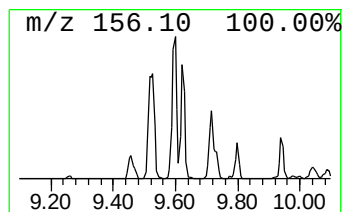
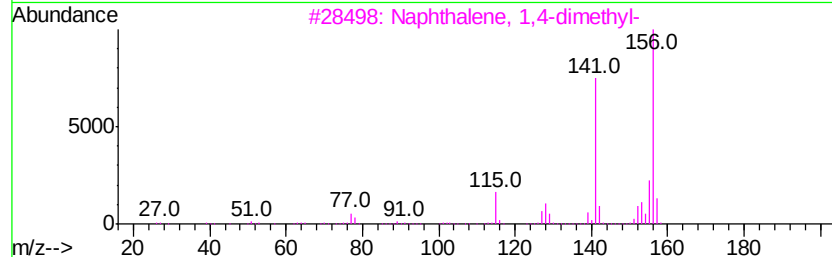
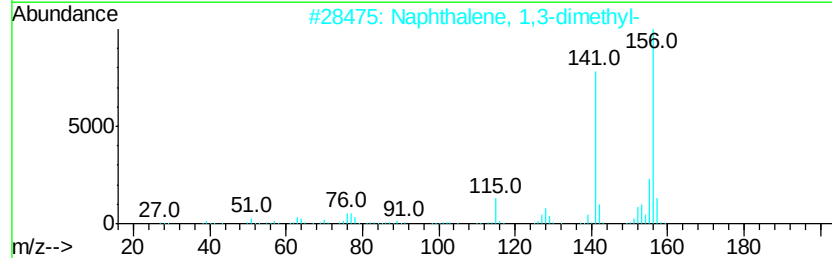
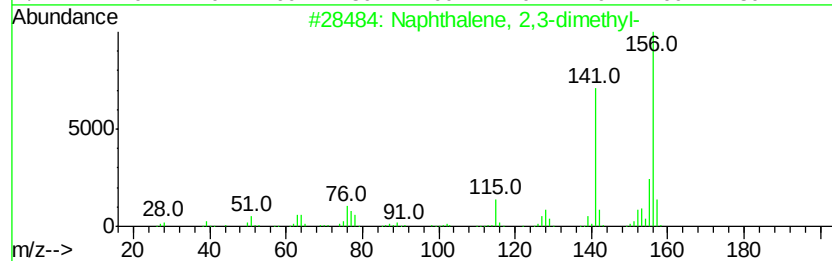
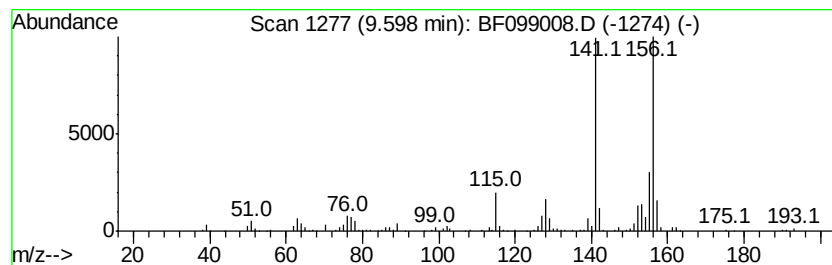
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	4.15 ng	215593	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
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Operator : SJ/JU
Sample : I5531-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

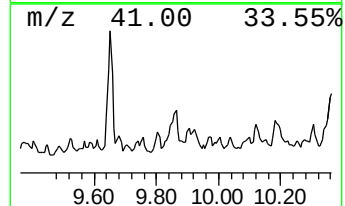
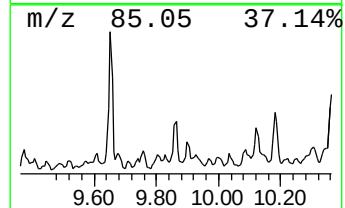
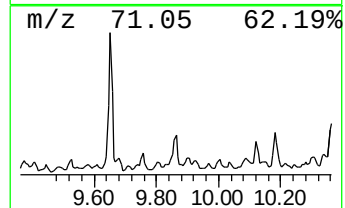
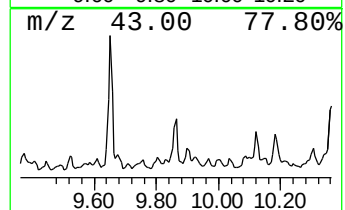
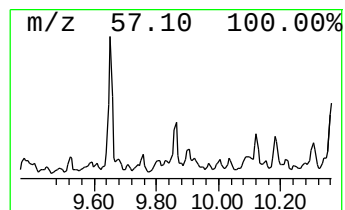
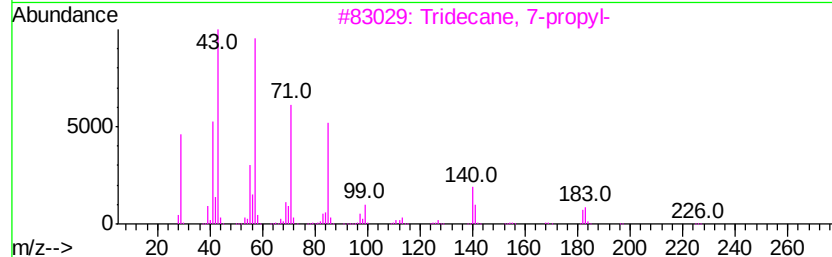
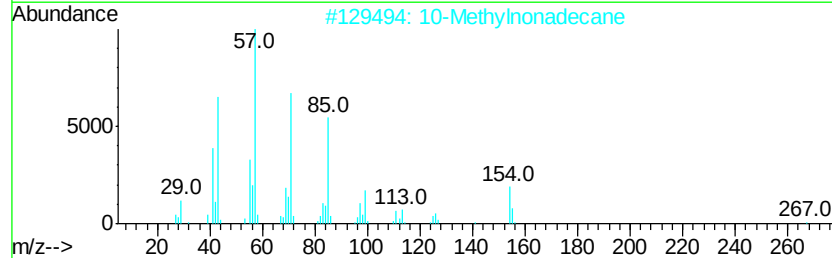
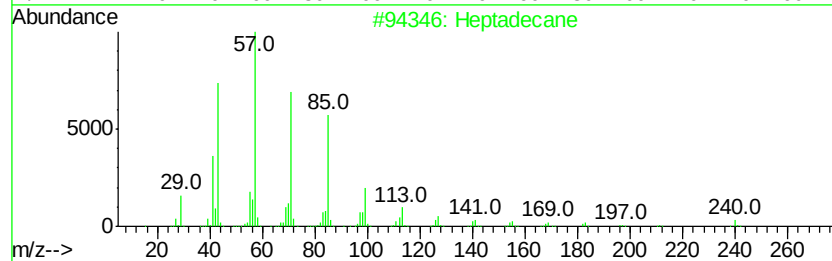
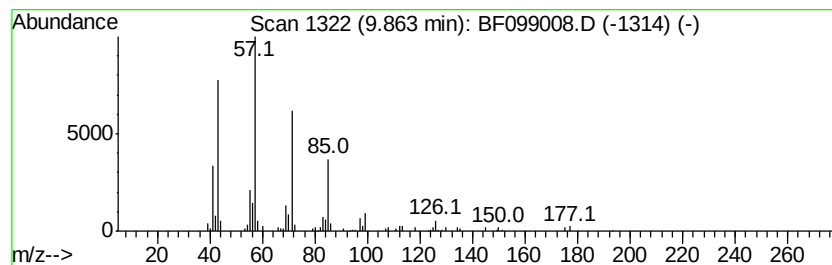
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.86	3.00 ng	155800	Acenaphthene-d10		9.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	10-Methylnonadecane	282	C20H42	056862-62-5	64
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
Sample : I5531-19
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ALS Vial : 12 Sample Multiplier: 1

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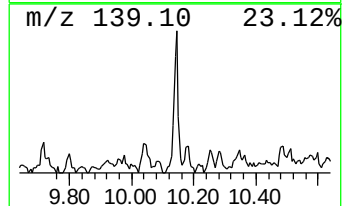
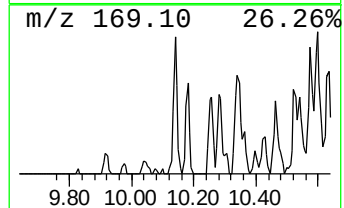
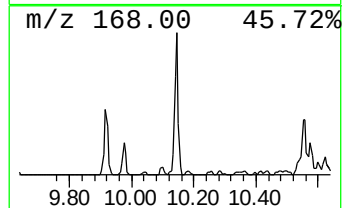
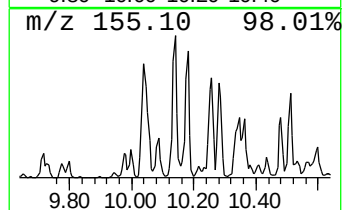
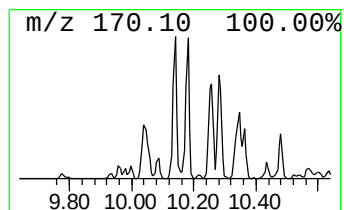
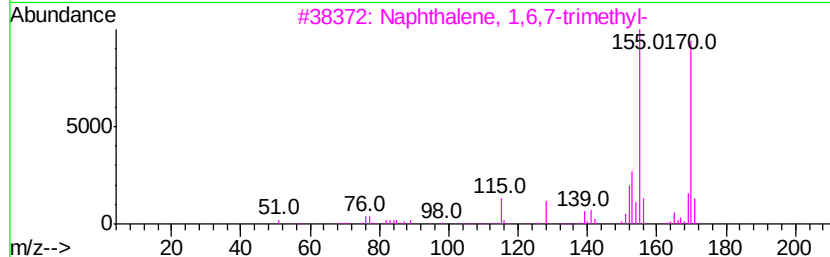
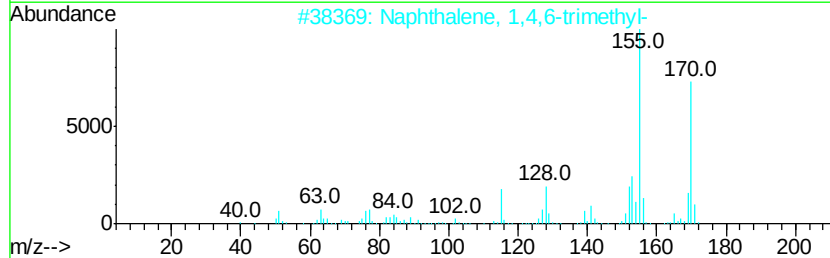
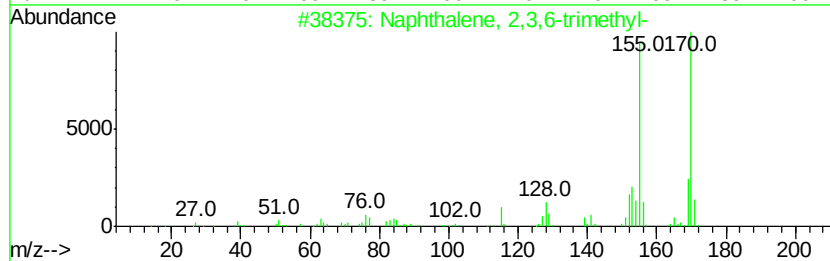
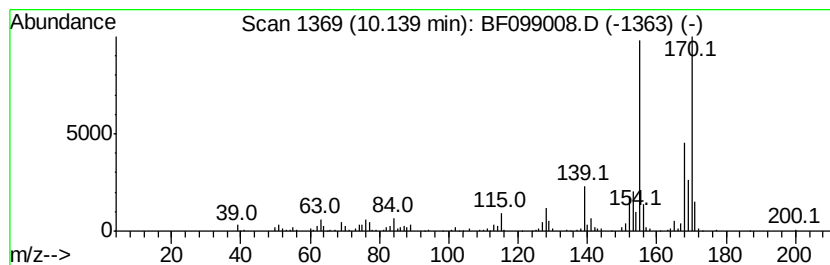
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	4.66 ng	242138	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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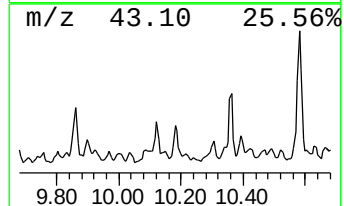
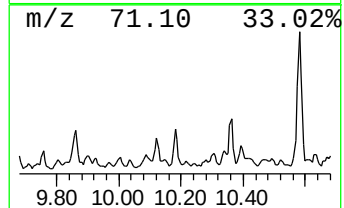
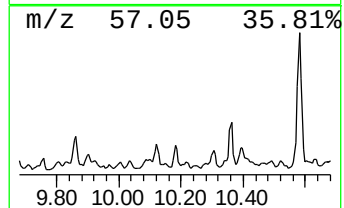
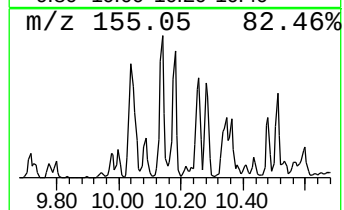
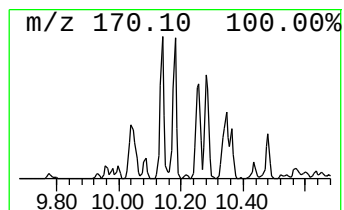
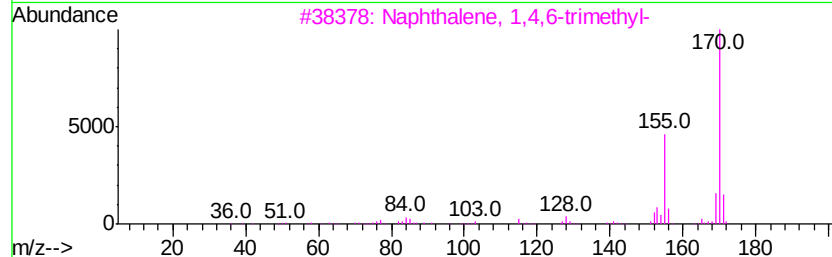
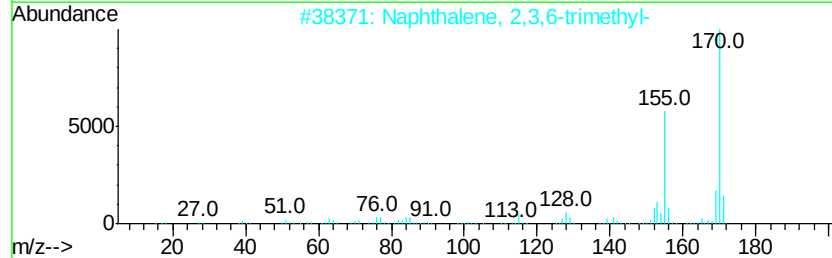
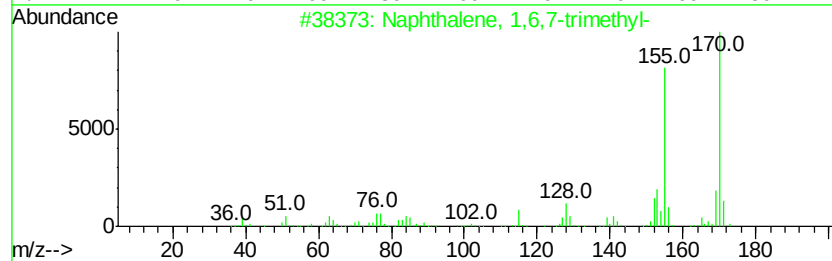
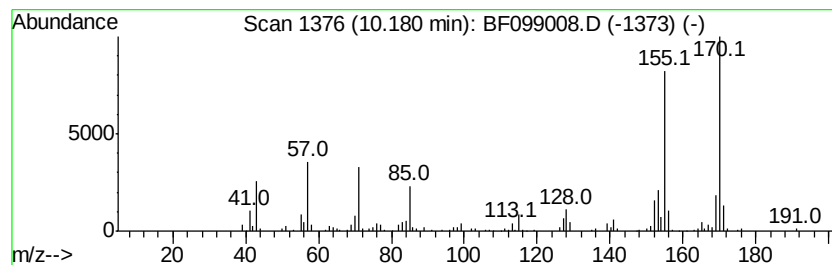
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	3.57 ng	185263	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
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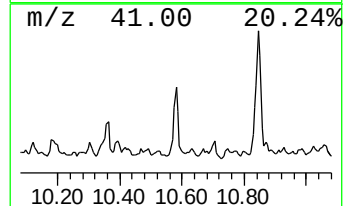
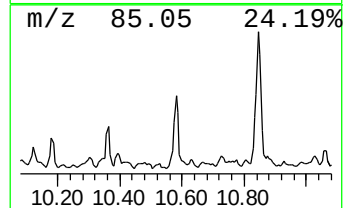
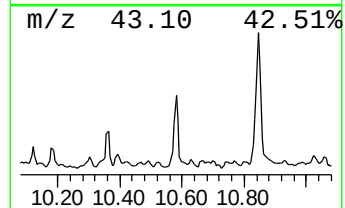
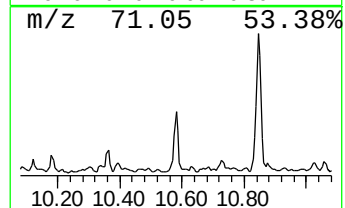
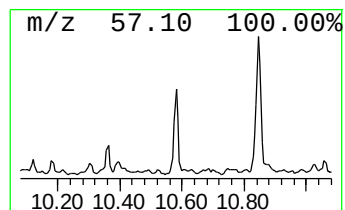
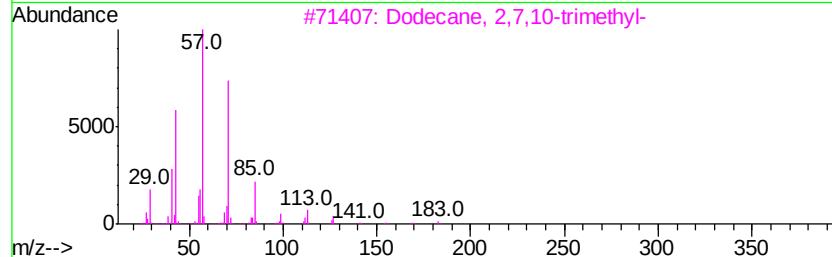
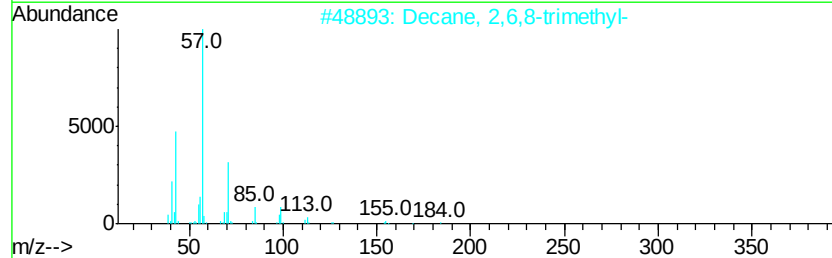
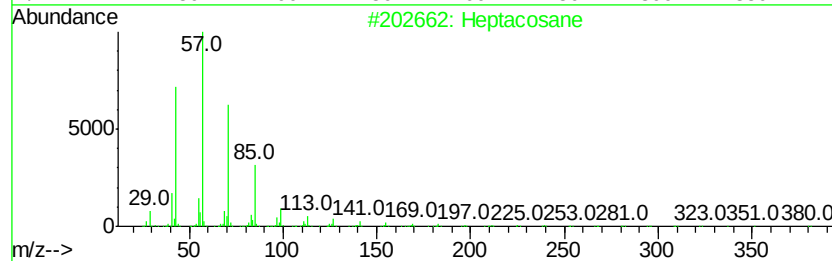
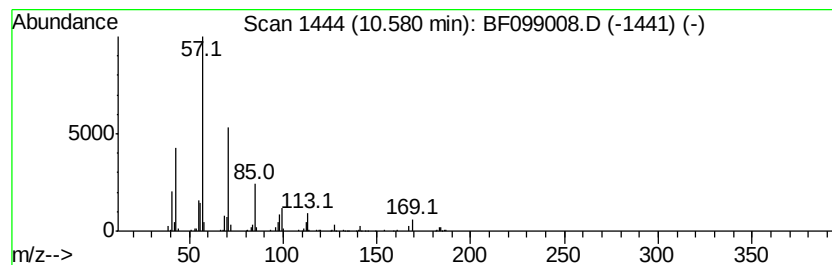
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	6.42 ng	333794	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	78
2	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	76
3	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	72
4	Tridecane	184 C13H28	000629-50-5	72
5	Tetracosane	338 C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
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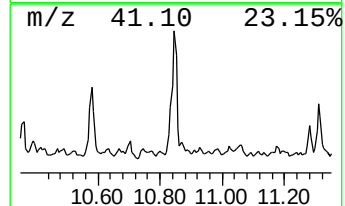
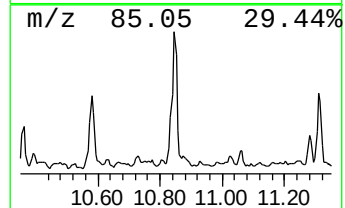
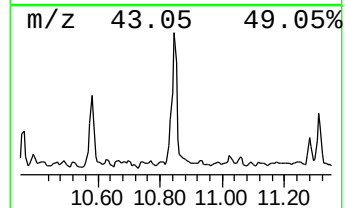
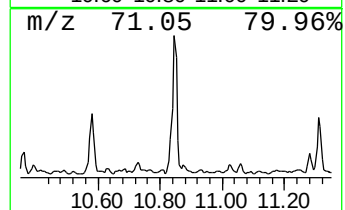
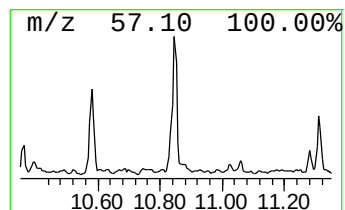
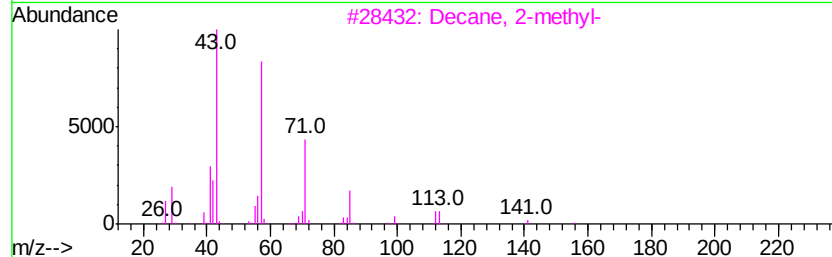
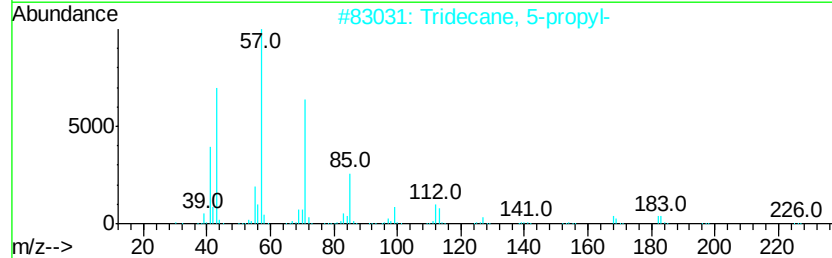
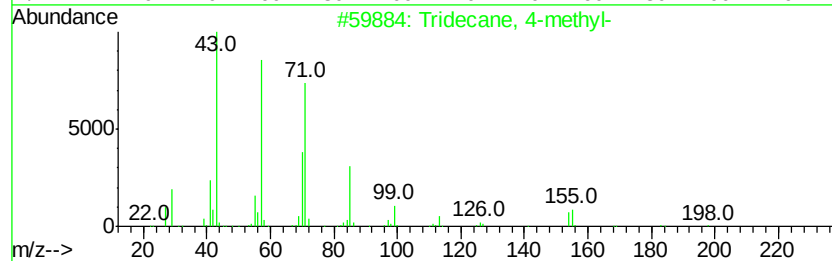
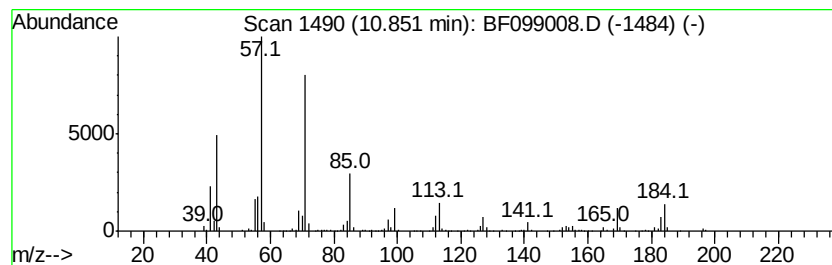
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.85	15.59 ng	642303	Phenanthrene-d10		11.43	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-		198	C14H30	026730-12-1	87
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	86
3	Decane, 2-methyl-		156	C11H24	006975-98-0	83
4	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	80
5	Sulfurous acid, 2-ethylhexyl non...		320	C17H36O3S	1000309-19-2	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
Sample : I5531-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-64-1.5-3

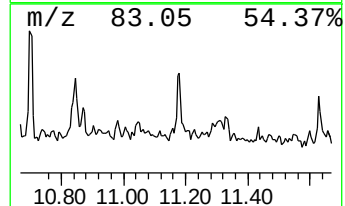
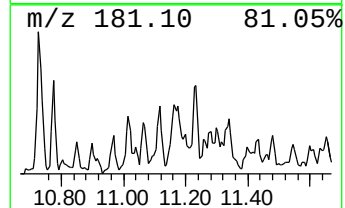
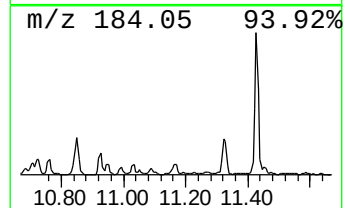
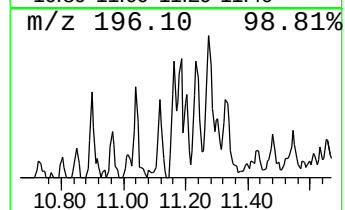
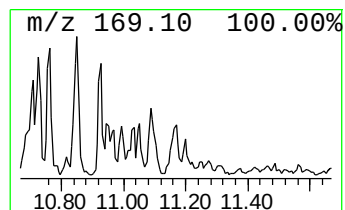
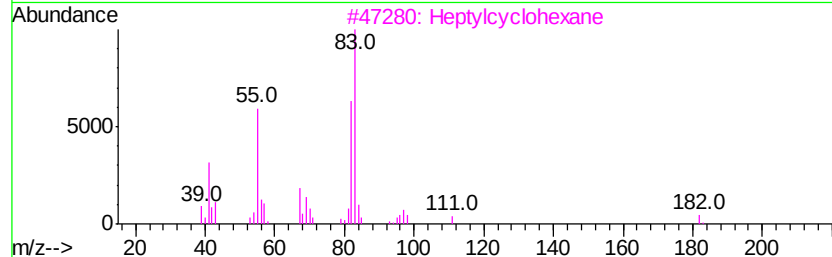
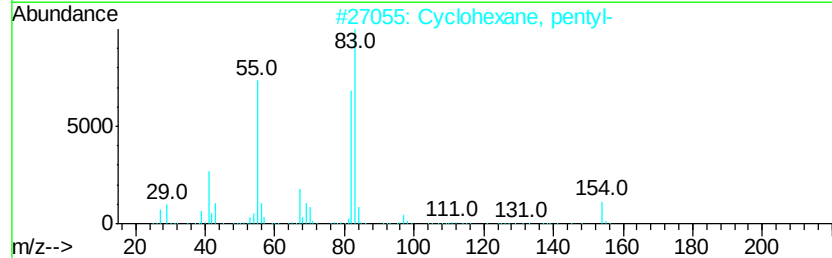
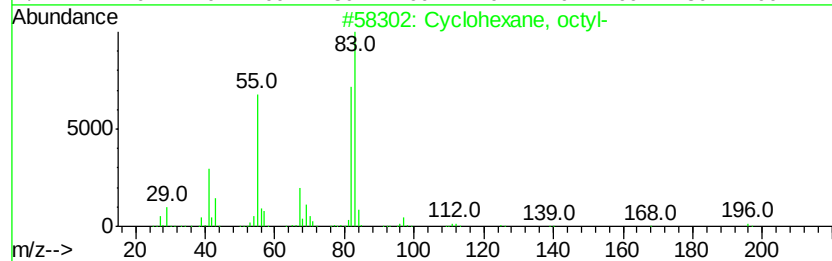
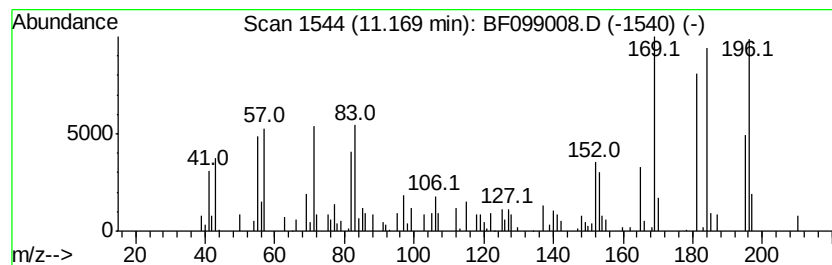
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.17 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.59 ng	147971	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, octyl-	196	C14H28	001795-15-9	49
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	41
3			Heptylcyclohexane	182	C13H26	005617-41-4	35
4			n-Nonylcyclohexane	210	C15H30	002883-02-5	35
5			Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Operator : SJ/JU
Sample : I5531-19
Misc :
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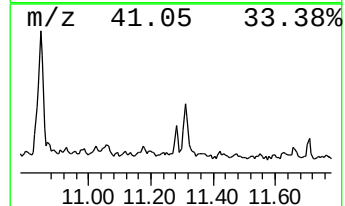
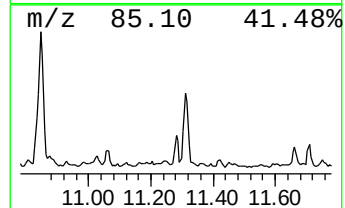
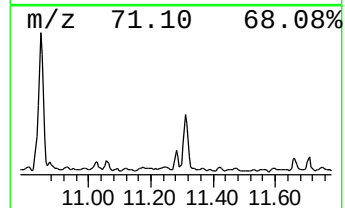
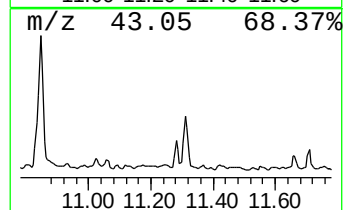
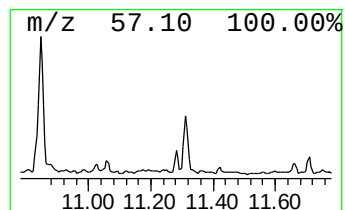
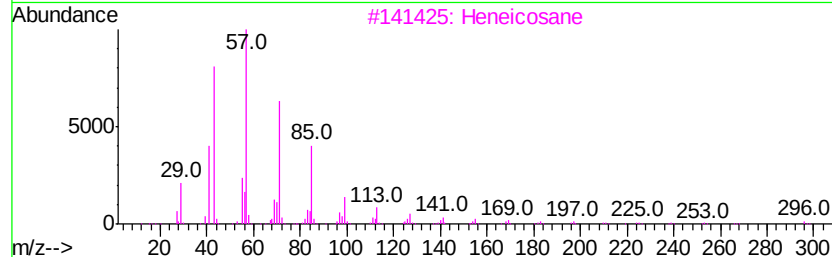
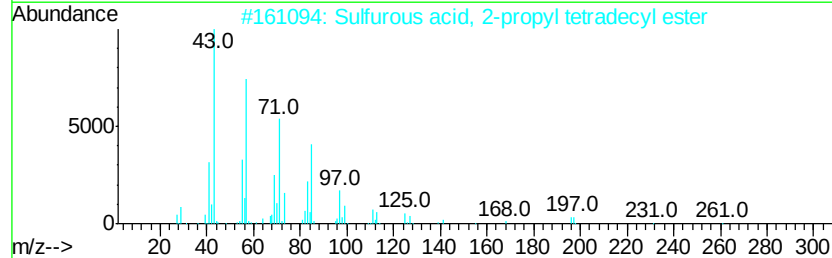
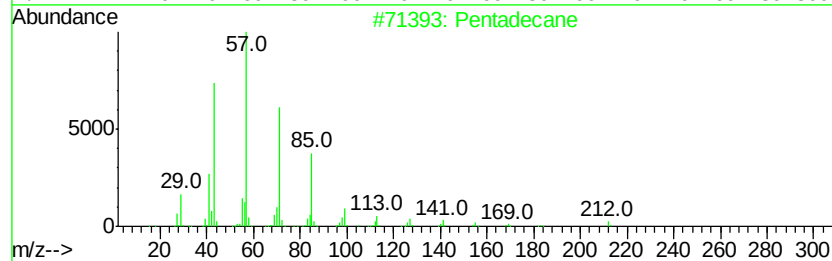
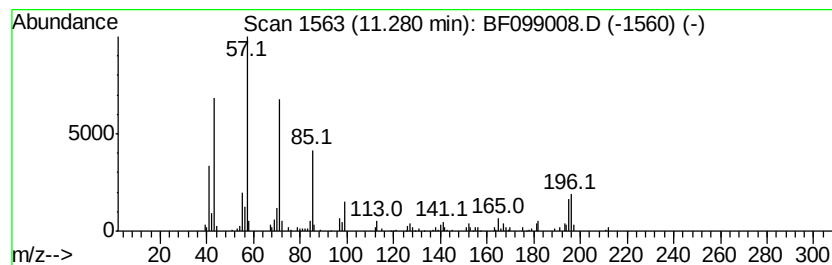
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G-64-1.5-3

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 15 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.28	3.11 ng	128263	Phenanthrene-d10		11.43	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	96
2		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	64
3		Heneicosane	296	C21H44	000629-94-7	58
4		Eicosane	282	C20H42	000112-95-8	58
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
Sample : I5531-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
G-64-1.5-3

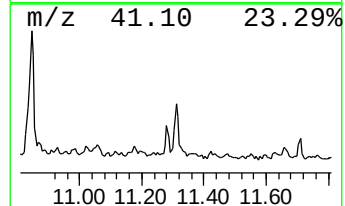
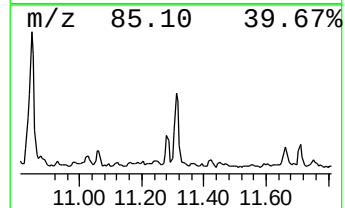
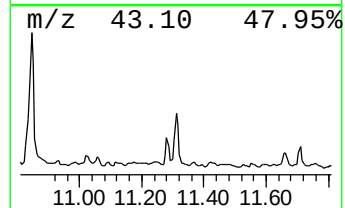
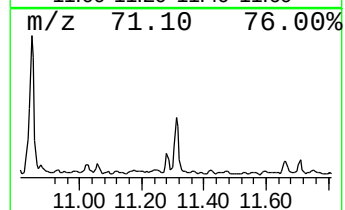
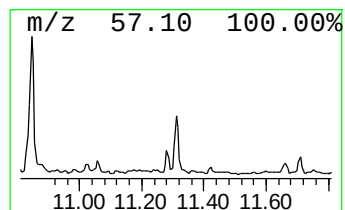
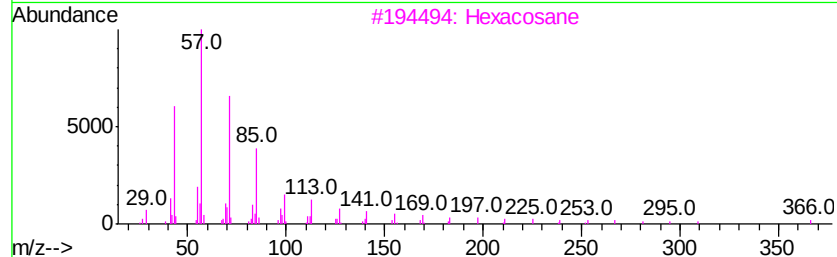
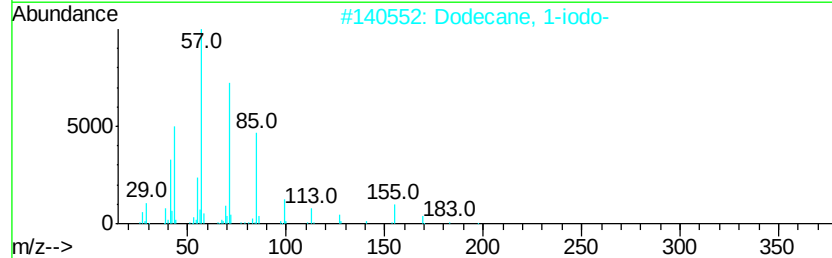
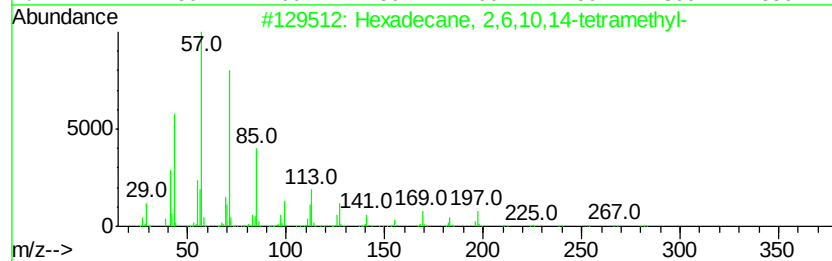
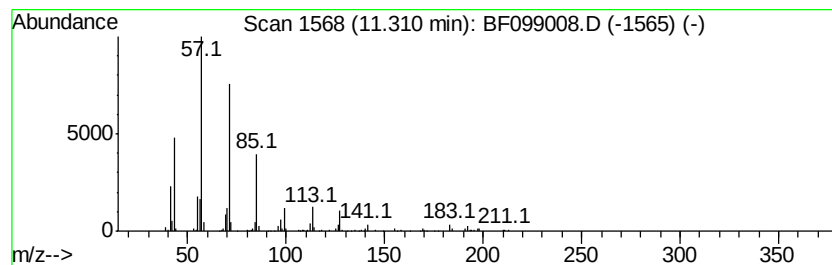
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	7.93 ng	326814	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Hexacosane	366	C26H54	000630-01-3	78
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
Sample : I5531-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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G-64-1.5-3

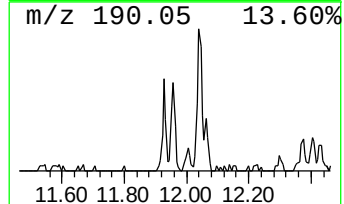
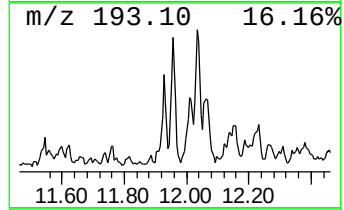
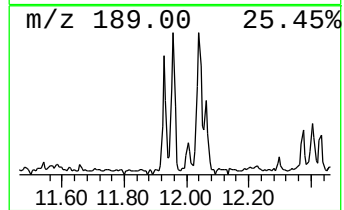
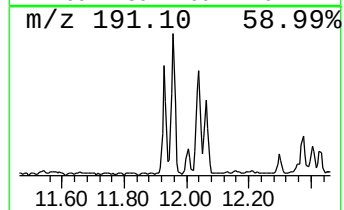
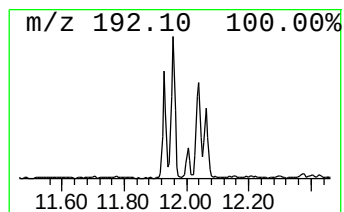
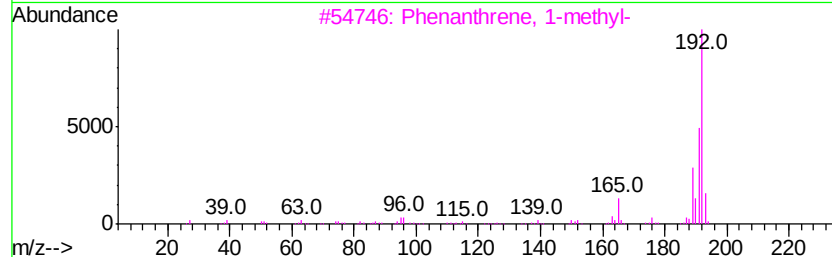
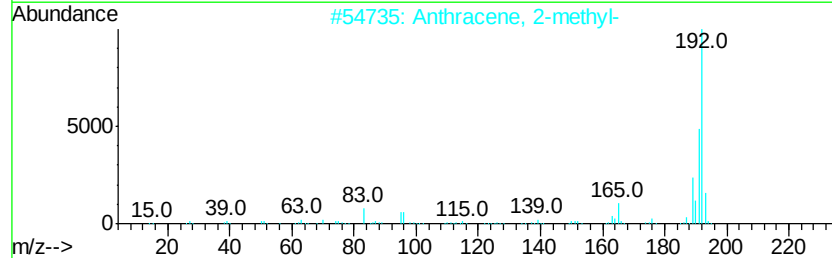
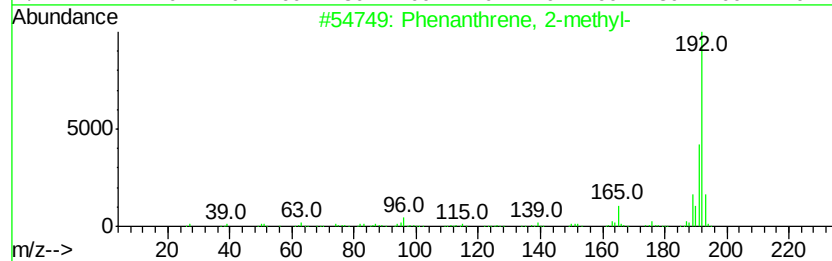
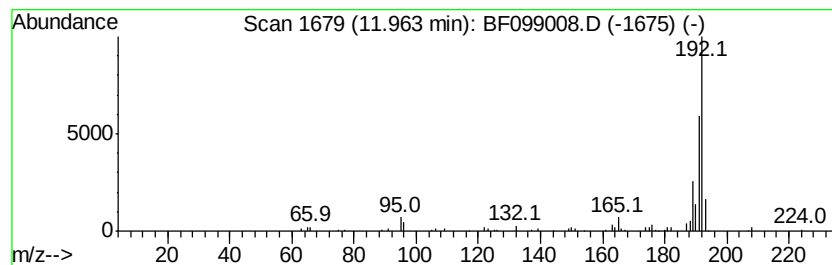
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.55 ng	187575	Phenanthrene-d10	11.43

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
Sample : I5531-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

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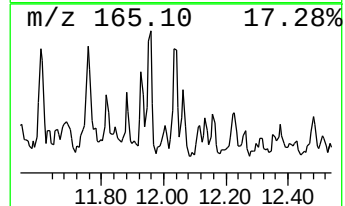
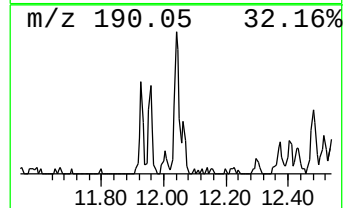
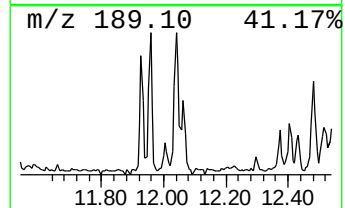
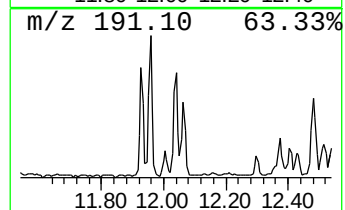
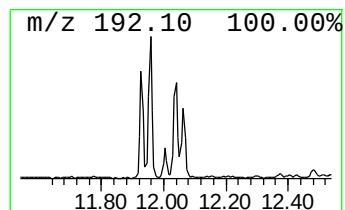
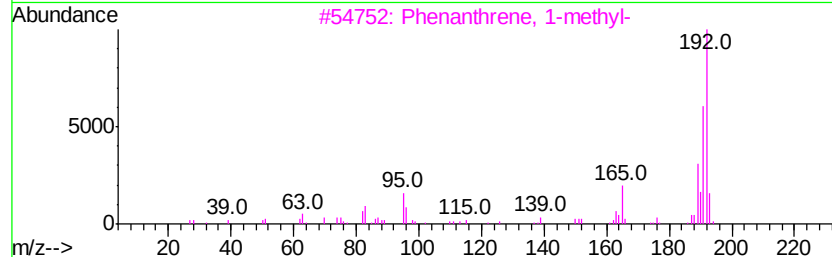
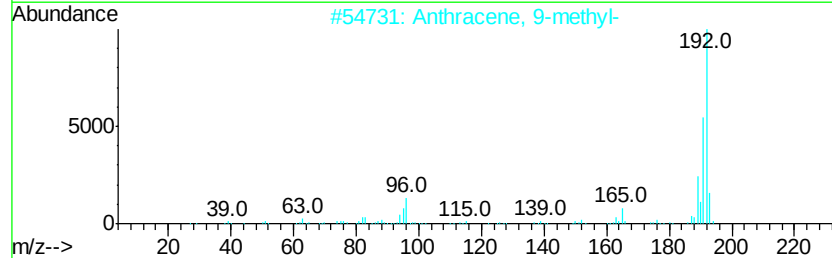
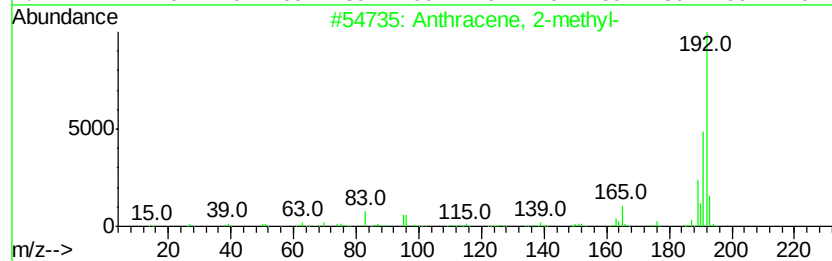
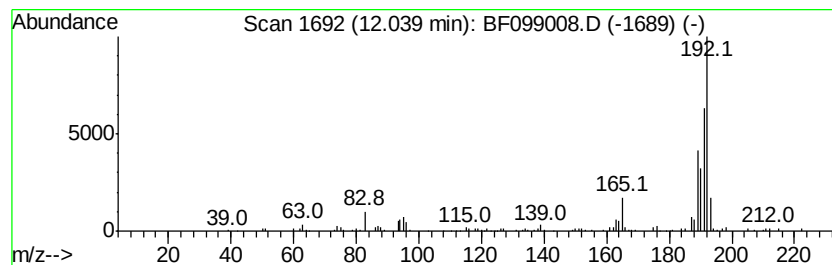
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.43 ng	141067	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099008.D
Acq On : 2 Oct 2017 19:11
Operator : SJ/JU
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ALS Vial : 12 Sample Multiplier: 1

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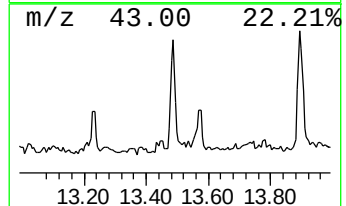
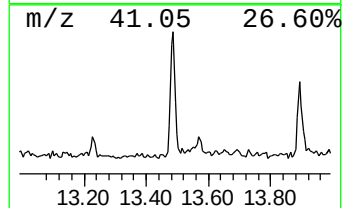
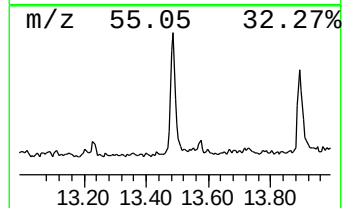
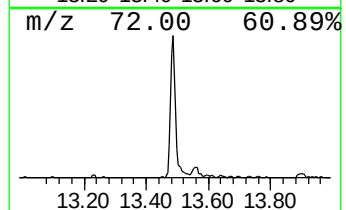
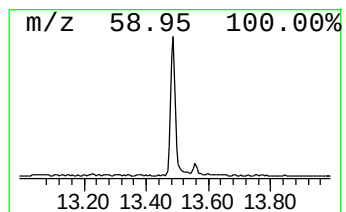
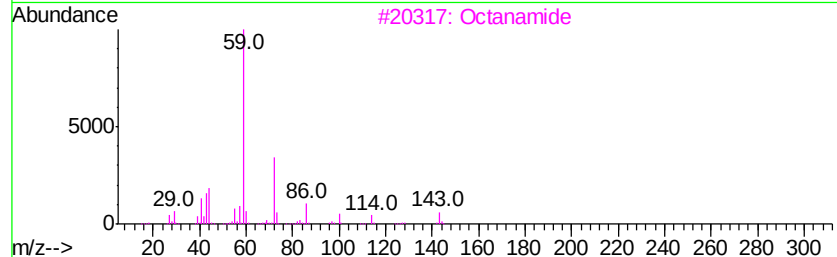
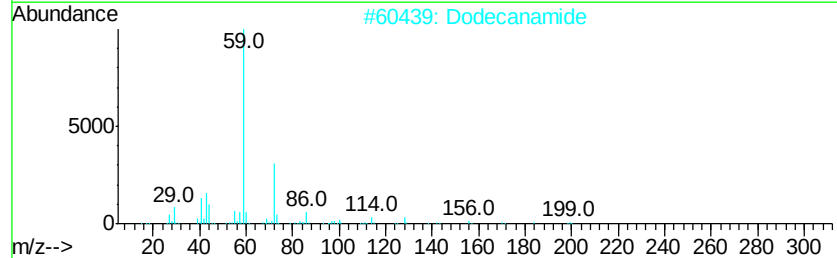
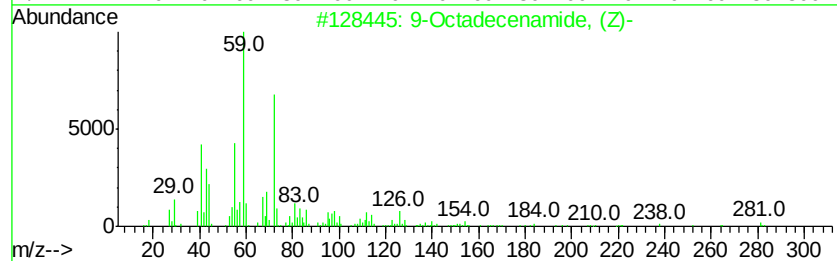
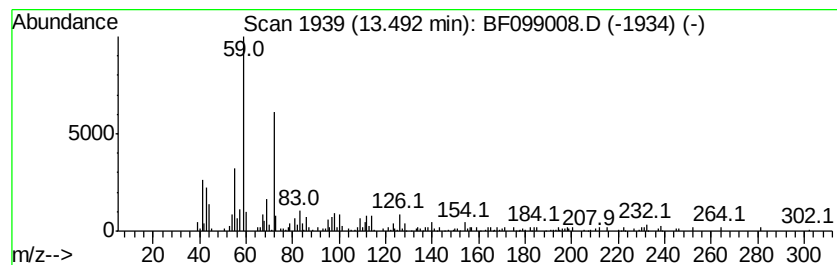
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	6.77 ng	278934	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2		Dodecanamide	199	C12H25NO	001120-16-7	72
3		Octanamide	143	C8H17NO	000629-01-6	59
4		Nonanamide	157	C9H19NO	001120-07-6	58
5		Silane, hexyl-	116	C6H16Si	001072-14-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
 Data File : BF099008.D
 Acq On : 2 Oct 2017 19:11
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 Sample : I5531-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 G-64-1.5-3

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.22	4.8 ng		191534	1	6.90	806253	20.0
2-Pentanone, 4-hy...	5.13	15.6 ng		629128	1	6.90	806253	20.0
unknown6.67	6.67	77.3 ng		3114220	1	6.90	806253	20.0
Naphthalene, 1,5-...	9.53	4.5 ng		232982	3	9.94	1039170	20.0
Naphthalene, 2,3-...	9.60	4.2 ng		215593	3	9.94	1039170	20.0
Heptadecane	9.86	3.0 ng		155800	3	9.94	1039170	20.0
Naphthalene, 2,3,...	10.14	4.7 ng		242138	3	9.94	1039170	20.0
Naphthalene, 1,6,...	10.18	3.6 ng		185263	3	9.94	1039170	20.0
Heptacosane	10.58	6.4 ng		333794	3	9.94	1039170	20.0
Tridecane, 4-methyl-	10.85	15.6 ng		642303	4	11.43	823743	20.0
unknown11.17	11.17	3.6 ng		147971	4	11.43	823743	20.0
Pentadecane	11.28	3.1 ng		128263	4	11.43	823743	20.0
Hexadecane, 2,6,1...	11.31	7.9 ng		326814	4	11.43	823743	20.0
Phenanthrene, 2-m...	11.96	4.5 ng		187575	4	11.43	823743	20.0
Anthracene, 2-met...	12.04	3.4 ng		141067	4	11.43	823743	20.0
9-Octadecenamide,...	13.49	6.8 ng		278934	5	14.07	824374	20.0