

Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
 Data File : BF098004.D
 Acq On : 24 Aug 2017 16:18
 Operator : SJ/JU
 Sample : I4774-03 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-MW115-SO

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-BF081517.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	3.722	268	278	282	rBV	4600633	8768352	100.00%	9.725%
2	5.328	546	551	555	rBV	394780	375235	4.28%	0.416%
3	6.357	724	726	729	rVV	421120	364890	4.16%	0.405%
4	6.498	742	750	755	rBV2	499728	580095	6.62%	0.643%
5	6.734	787	790	793	rVV	725629	780094	8.90%	0.865%
6	6.892	813	817	820	rBV	469951	487619	5.56%	0.541%
7	7.057	841	845	848	rBV2	252281	319023	3.64%	0.354%
8	7.275	876	882	884	rBV3	511215	642778	7.33%	0.713%
9	7.298	884	886	892	rVB4	288409	464845	5.30%	0.516%
10	7.386	896	901	905	rVB5	330402	503270	5.74%	0.558%
11	7.510	916	922	924	rBV2	256643	420992	4.80%	0.467%
12	7.539	924	927	932	rVB3	437754	675228	7.70%	0.749%
13	7.633	938	943	944	rBV2	218484	298745	3.41%	0.331%
14	7.710	952	956	959	rVB3	298007	431415	4.92%	0.478%
15	7.763	959	965	967	rBV2	559208	682824	7.79%	0.757%
16	7.792	967	970	974	rVB4	308173	383656	4.38%	0.426%
17	7.845	974	979	984	rVB6	262474	440279	5.02%	0.488%
18	7.892	984	987	992	rBV2	239802	362463	4.13%	0.402%
19	8.022	1004	1009	1011	rBV2	1127937	1285095	14.66%	1.425%
20	8.092	1019	1021	1023	rVB	1062591	763258	8.70%	0.847%
21	8.228	1041	1044	1047	rVB2	350063	400836	4.57%	0.445%
22	8.322	1055	1060	1062	rBV6	576399	793983	9.06%	0.881%
23	8.410	1072	1075	1078	rVB3	466380	447299	5.10%	0.496%
24	8.451	1078	1082	1087	rBV2	1196556	1714595	19.55%	1.902%
25	8.492	1087	1089	1091	rVB	507646	402819	4.59%	0.447%
26	8.528	1092	1095	1098	rVB2	425829	409067	4.67%	0.454%
27	8.616	1107	1110	1112	rBV3	257073	319547	3.64%	0.354%
28	8.716	1124	1127	1131	rVB3	694762	806455	9.20%	0.894%
29	8.839	1140	1148	1151	rBV	1995464	2563380	29.23%	2.843%
30	8.904	1157	1159	1161	rBV2	322356	293800	3.35%	0.326%
31	8.933	1161	1164	1168	rVB5	470063	553960	6.32%	0.614%
32	9.051	1180	1184	1188	rVB	1440474	1443517	16.46%	1.601%
33	9.098	1189	1192	1194	rVB	406781	355605	4.06%	0.394%
34	9.180	1203	1206	1208	rBV2	467069	577465	6.59%	0.640%

Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
 Data File : BF098004.D
 Acq On : 24 Aug 2017 16:18
 Operator : SJ/JU
 Sample : I4774-03 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-MW115-SO

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-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.304	1223	1227	1230	rVB	677790	913011	10.41%	1.013%
36	9.369	1232	1238	1241	rVV	1640445	2582658	29.45%	2.864%
37	9.439	1241	1250	1253	rVV	2320751	3346636	38.17%	3.712%
38	9.463	1253	1254	1257	rVV	1258471	1135633	12.95%	1.260%
39	9.510	1259	1262	1264	rVV	2138957	1990272	22.70%	2.207%
40	9.533	1264	1266	1267	rVV2	439878	386627	4.41%	0.429%
41	9.557	1267	1270	1274	rVV	1214559	1532788	17.48%	1.700%
42	9.639	1281	1284	1290	rVV	908979	1107919	12.64%	1.229%
43	9.686	1290	1292	1295	rVB	618731	579592	6.61%	0.643%
44	9.757	1301	1304	1306	rBV2	915461	1095462	12.49%	1.215%
45	9.774	1306	1307	1310	rVB2	1084290	686877	7.83%	0.762%
46	9.810	1310	1313	1316	rBV2	1189690	1292836	14.74%	1.434%
47	9.886	1322	1326	1330	rVB	976527	1342904	15.32%	1.489%
48	9.933	1330	1334	1336	rBV4	397322	614776	7.01%	0.682%
49	9.980	1338	1342	1345	rVV	1474949	1667364	19.02%	1.849%
50	10.022	1346	1349	1351	rVV	1089849	1021632	11.65%	1.133%
51	10.045	1351	1353	1358	rVB5	630829	685138	7.81%	0.760%
52	10.092	1358	1361	1364	rBV	902001	1071743	12.22%	1.189%
53	10.122	1364	1366	1368	rVV	826982	648444	7.40%	0.719%
54	10.151	1368	1371	1373	rVV3	260112	365973	4.17%	0.406%
55	10.186	1373	1377	1378	rVV	763707	942077	10.74%	1.045%
56	10.204	1378	1380	1382	rVB	617112	471795	5.38%	0.523%
57	10.269	1389	1391	1396	rVB6	418379	511477	5.83%	0.567%
58	10.322	1396	1400	1402	rBV2	1135751	1181507	13.47%	1.310%
59	10.386	1406	1411	1413	rVV3	526357	696805	7.95%	0.773%
60	10.410	1413	1415	1417	rVV2	394774	365529	4.17%	0.405%
61	10.433	1417	1419	1422	rVB	1645136	1484937	16.94%	1.647%
62	10.545	1436	1438	1444	rVV6	546259	962409	10.98%	1.067%
63	10.598	1444	1447	1449	rVV2	373088	382336	4.36%	0.424%
64	10.663	1453	1458	1460	rBV3	265602	441725	5.04%	0.490%
65	10.704	1460	1465	1470	rVB2	2309995	2744371	31.30%	3.044%
66	10.763	1472	1475	1477	rBV2	345822	298744	3.41%	0.331%
67	10.869	1489	1493	1496	rBV3	433964	614806	7.01%	0.682%
68	10.898	1496	1498	1504	rVB3	666530	831064	9.48%	0.922%
69	11.021	1515	1519	1521	rVV4	352248	502930	5.74%	0.558%
70	11.163	1539	1543	1550	rVB2	1462852	2002776	22.84%	2.221%
71	11.257	1556	1559	1561	rBV	826153	875504	9.98%	0.971%

Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
 Data File : BF098004.D
 Acq On : 24 Aug 2017 16:18
 Operator : SJ/JU
 Sample : I4774-03 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-MW115-SO

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.286	1561	1564	1567	rVV	2632778	2612135	29.79%	2.897%
73	11.333	1569	1572	1575	rVB	918051	755845	8.62%	0.838%
74	11.369	1575	1578	1581	rBV2	271186	335240	3.82%	0.372%
75	11.516	1600	1603	1606	rVB	436469	435046	4.96%	0.483%
76	11.763	1642	1645	1647	rBV	771978	659936	7.53%	0.732%
77	11.786	1647	1649	1654	rVB	946484	837974	9.56%	0.929%
78	11.833	1654	1657	1659	rBV	406024	388500	4.43%	0.431%
79	11.868	1660	1663	1666	rBV	985522	1080341	12.32%	1.198%
80	12.051	1692	1694	1698	rVB	428365	360519	4.11%	0.400%
81	12.233	1722	1725	1726	rBV	311128	285021	3.25%	0.316%
82	12.310	1735	1738	1740	rBV	563785	523035	5.97%	0.580%
83	12.345	1741	1744	1746	rVV2	272938	298034	3.40%	0.331%
84	12.398	1749	1753	1756	rBV3	231978	356160	4.06%	0.395%
85	12.468	1761	1765	1768	rBV	1418619	1281577	14.62%	1.421%
86	12.698	1799	1804	1810	rVB	2382593	2615511	29.83%	2.901%
87	12.839	1825	1828	1837	rVB2	517802	618488	7.05%	0.686%
88	12.910	1837	1840	1848	rBV2	202945	300372	3.43%	0.333%
89	13.021	1853	1859	1862	rVB	446112	635846	7.25%	0.705%
90	13.121	1873	1876	1879	rVB	391221	373110	4.26%	0.414%
91	13.215	1889	1892	1895	rVV	358827	304484	3.47%	0.338%
92	13.245	1895	1897	1900	rVB	392533	310208	3.54%	0.344%
93	13.886	2001	2006	2008	rBV2	1038762	1441520	16.44%	1.599%
94	13.910	2008	2010	2016	rVB	623787	606278	6.91%	0.672%
95	14.898	2174	2178	2189	rVV	325186	622857	7.10%	0.691%
96	15.186	2222	2227	2232	rBV	407303	510431	5.82%	0.566%
97	15.245	2232	2237	2241	rVV	572906	691279	7.88%	0.767%
98	15.304	2242	2247	2250	rVV	527948	690661	7.88%	0.766%
99	16.668	2473	2479	2486	rVB2	168304	315456	3.60%	0.350%
100	17.080	2541	2549	2560	rBV	203575	426395	4.86%	0.473%

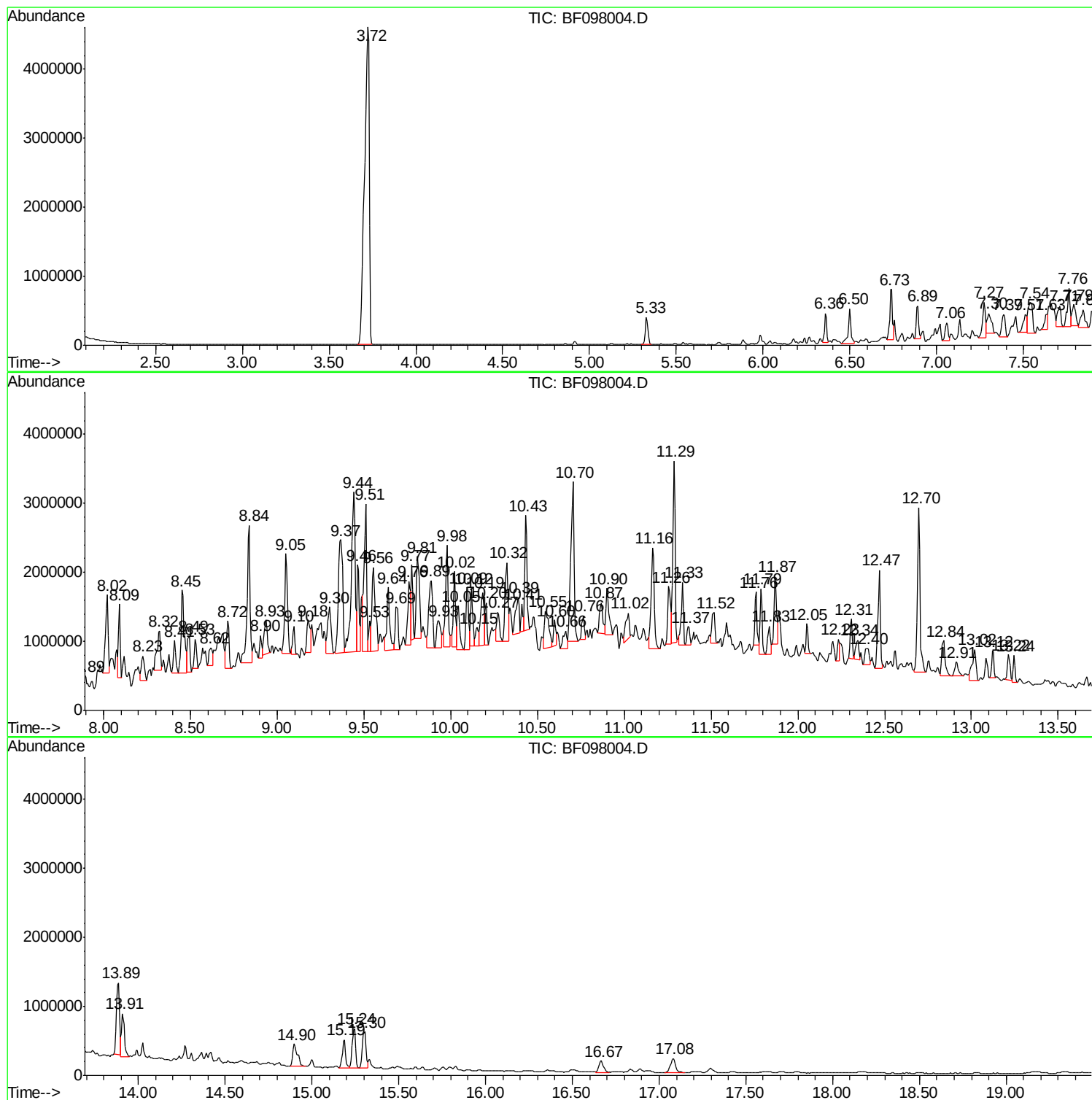
Sum of corrected areas: 90163820

Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

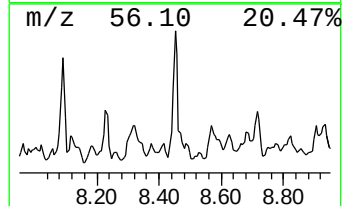
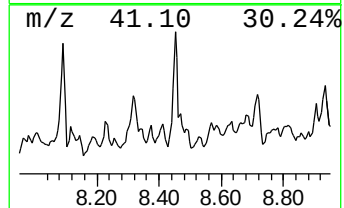
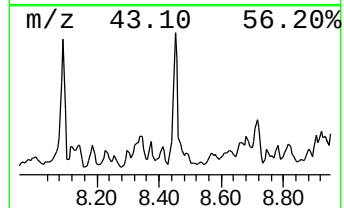
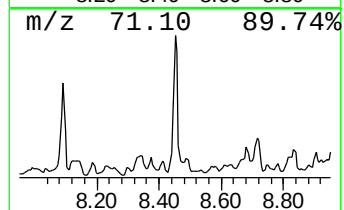
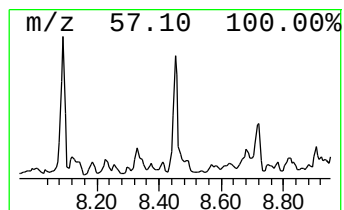
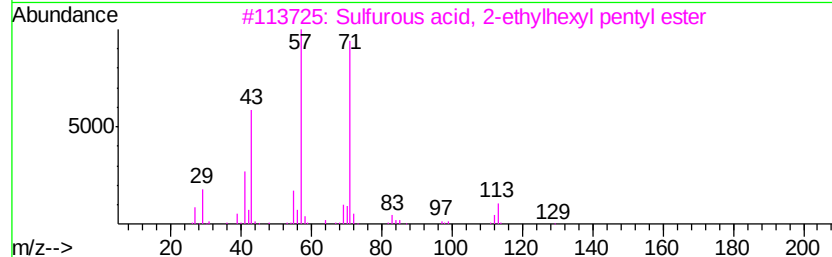
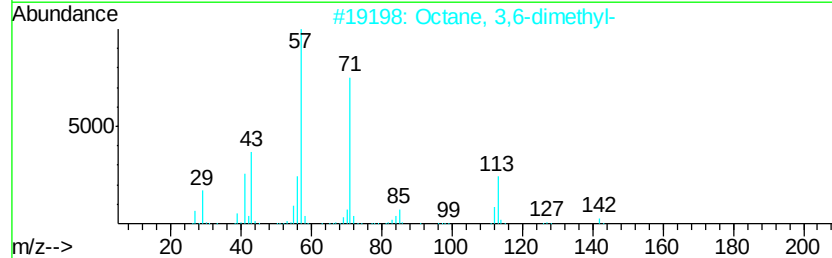
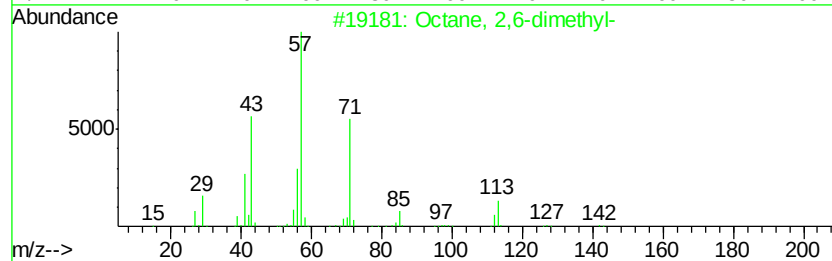
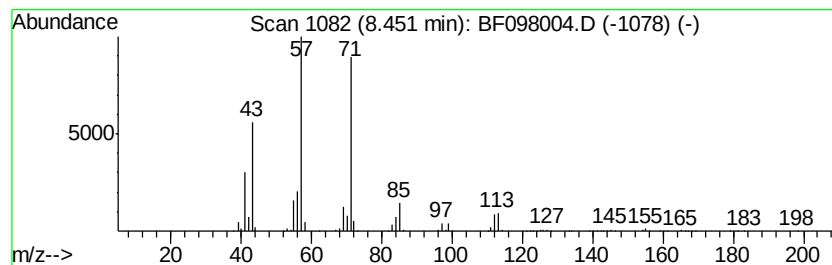
Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	26.68 ng	1714600	Napthalene-d8	8.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	86
2	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	78
3	Sulfurous acid, 2-ethylhexyl pen...	264 C13H28O3S	1000309-18-9	64
4	Oxalic acid, 2-ethylhexyl octyl ...	314 C18H34O4	1000309-39-1	64
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

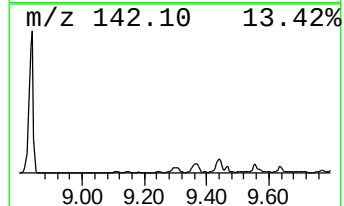
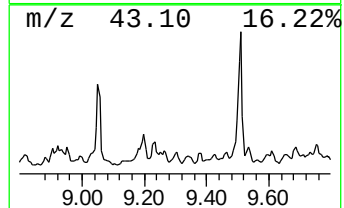
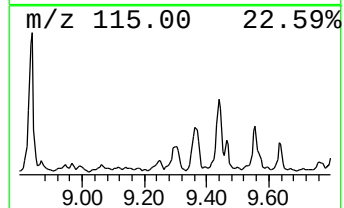
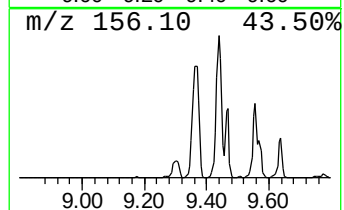
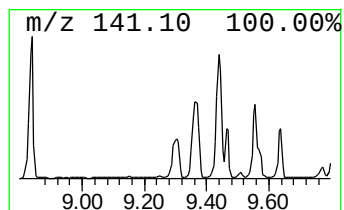
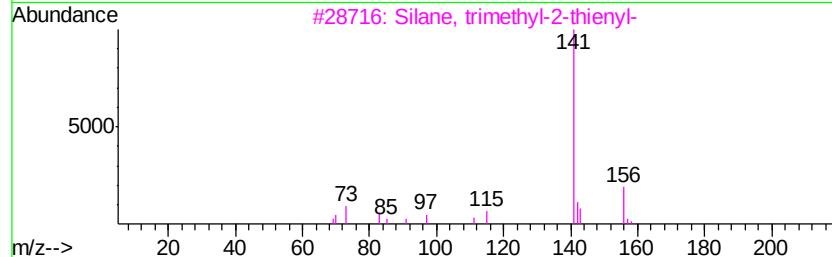
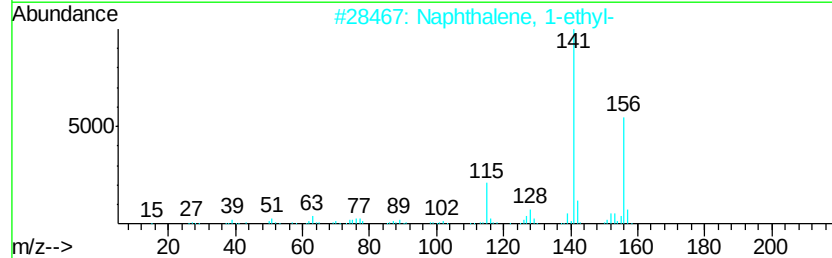
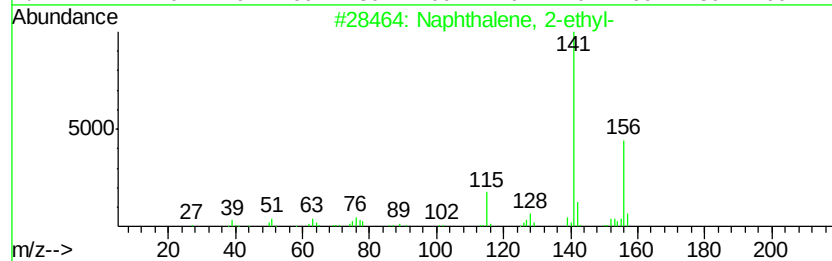
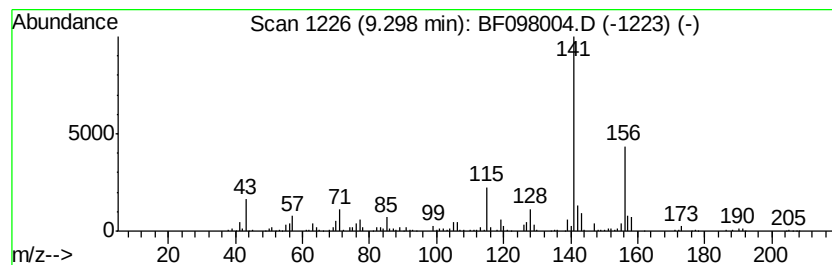
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	26.58 ng	913011	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3		Silane, trimethyl-2-thienyl-	156	C7H12SSi	018245-28-8	59
4		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	53
5		5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

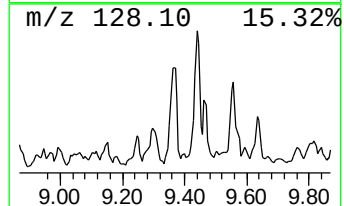
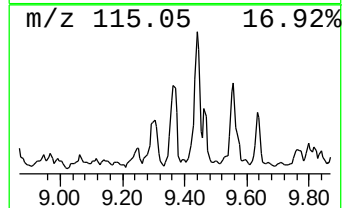
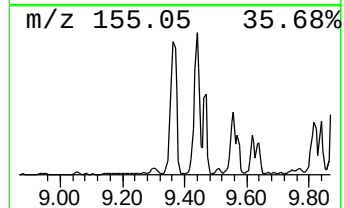
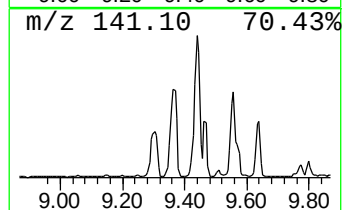
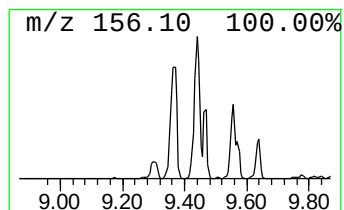
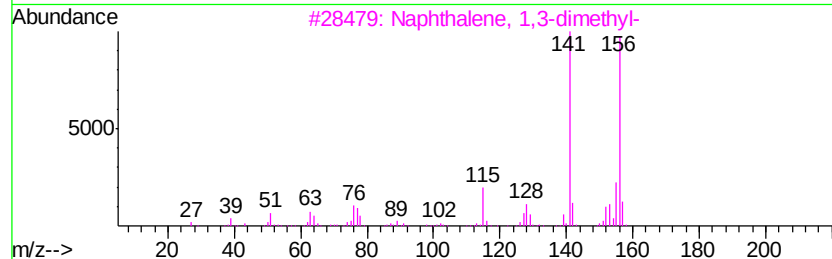
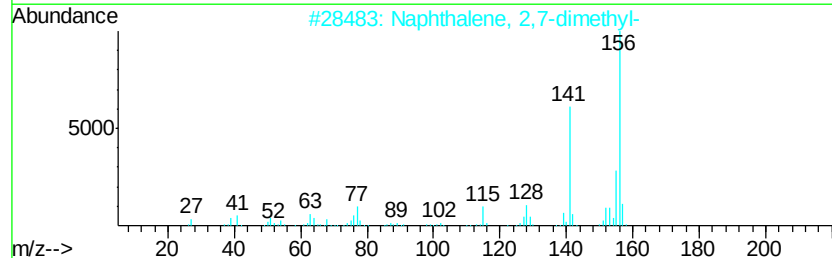
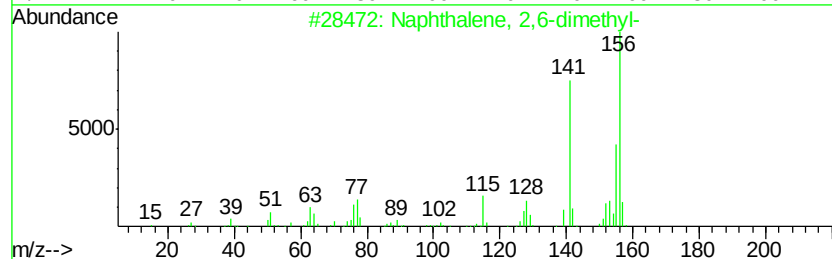
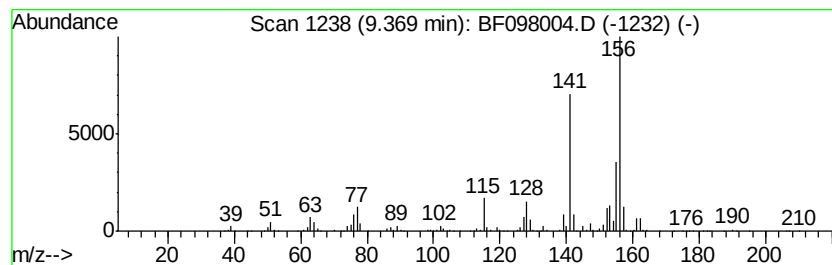
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	75.20 ng	2582660	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

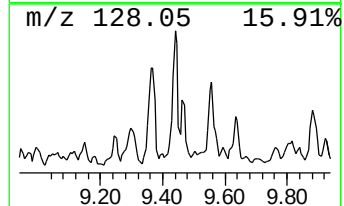
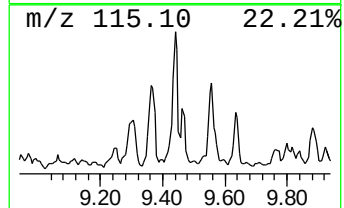
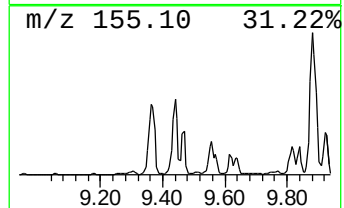
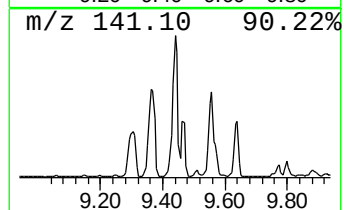
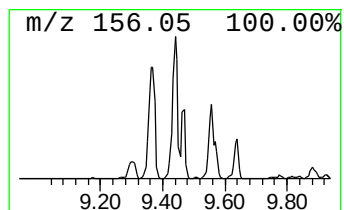
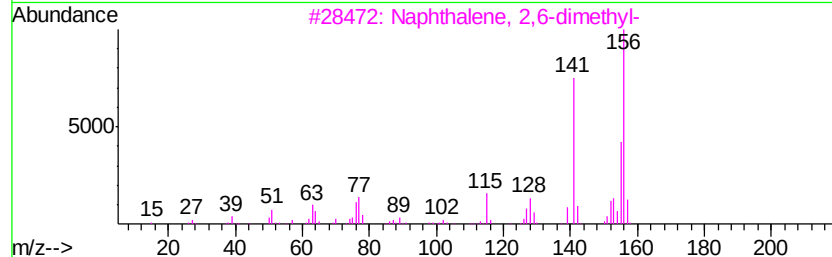
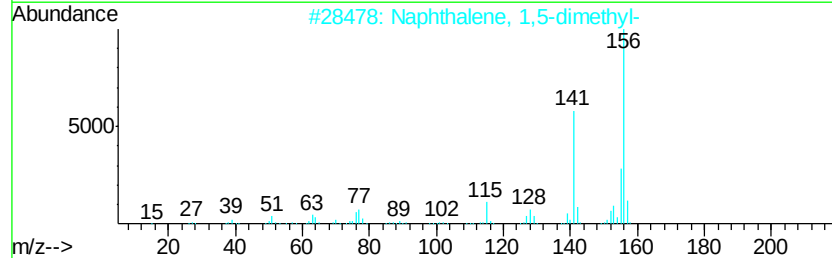
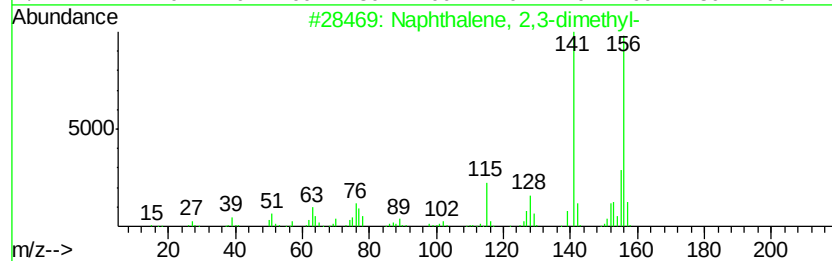
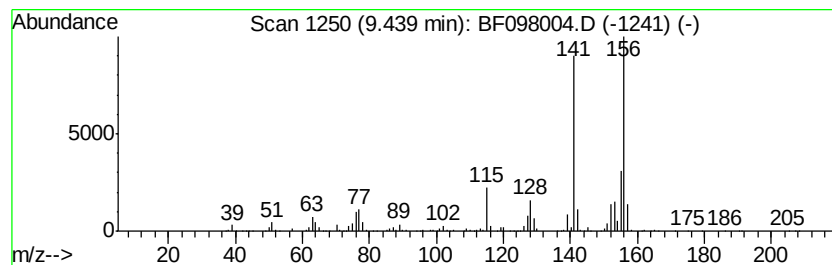
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	97.45 ng	3346640	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

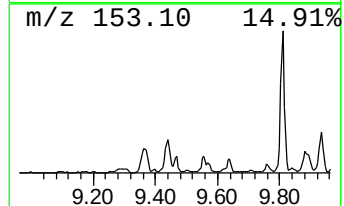
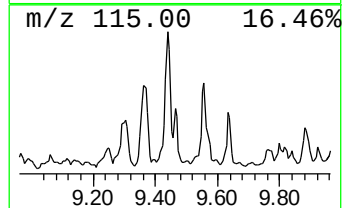
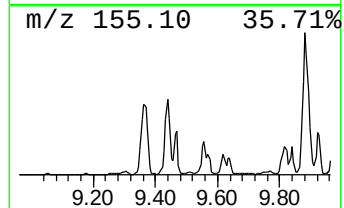
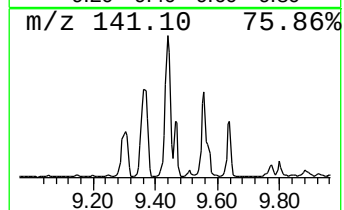
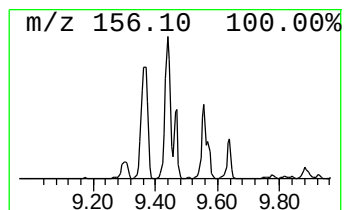
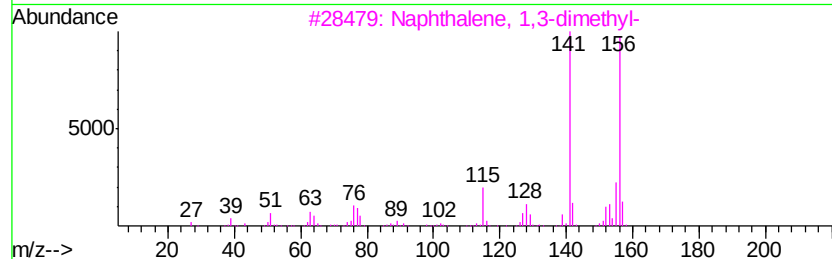
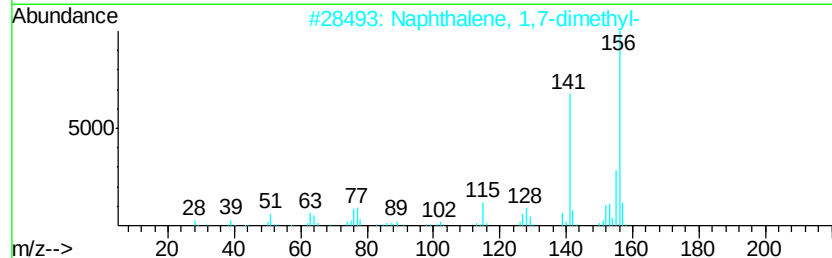
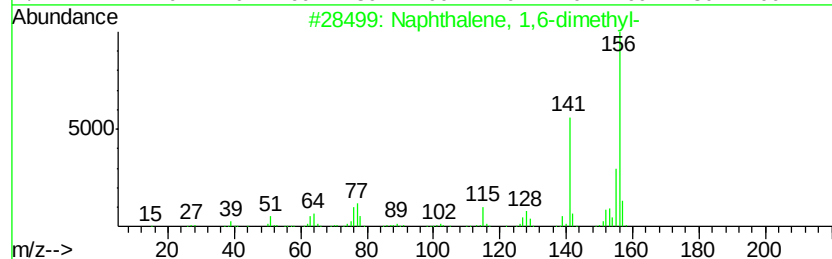
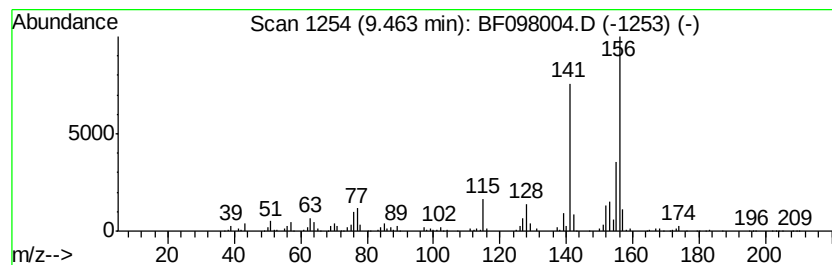
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	33.07 ng	1135630	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

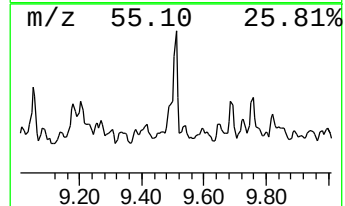
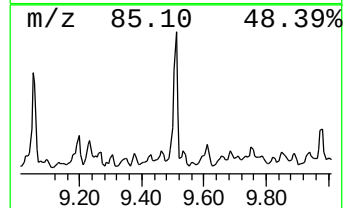
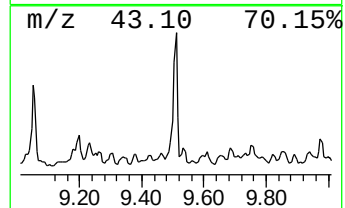
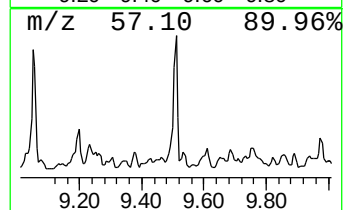
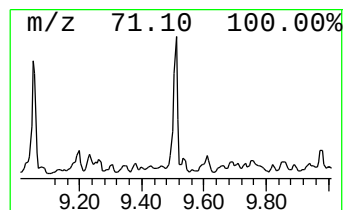
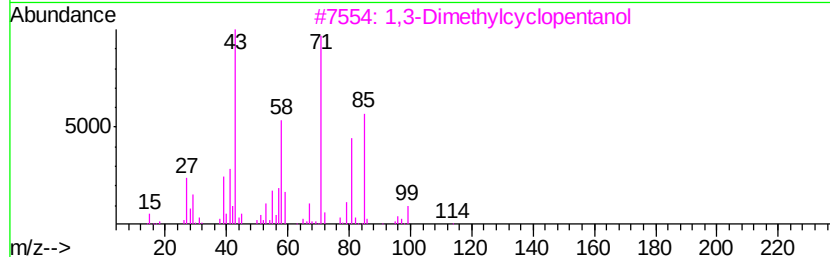
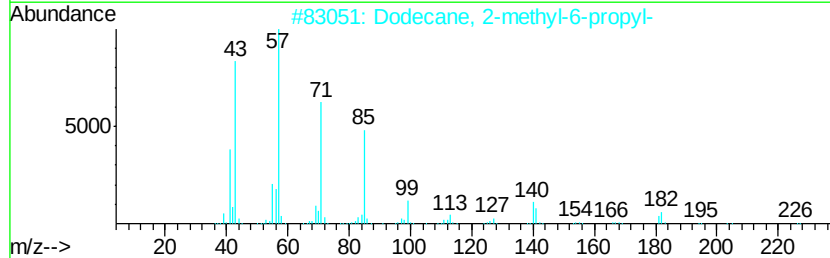
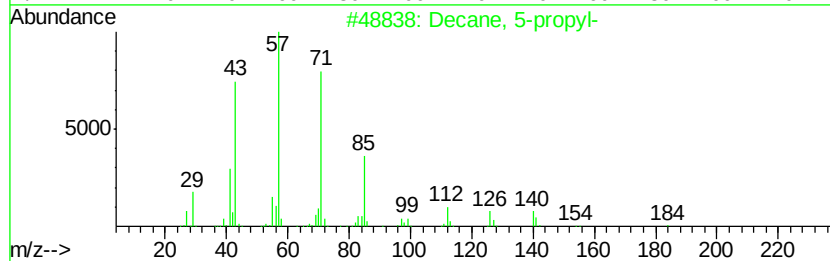
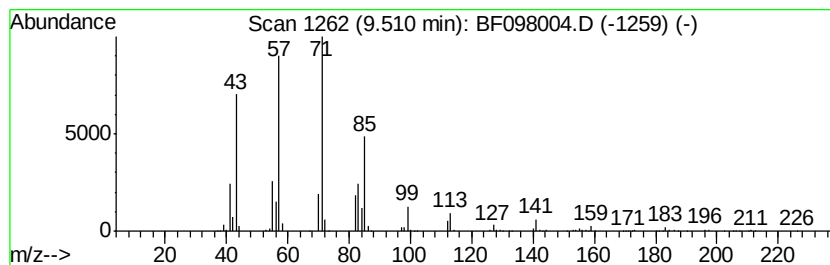
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	57.95 ng	1990270	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	64
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
3		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52
4		Dodecane	170	C12H26	000112-40-3	50
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	43



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

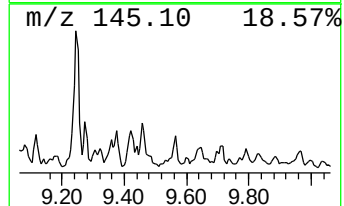
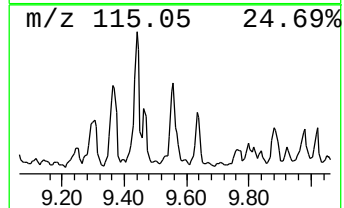
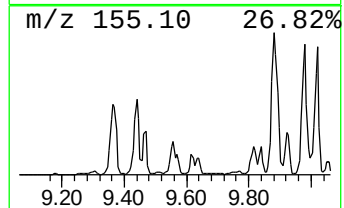
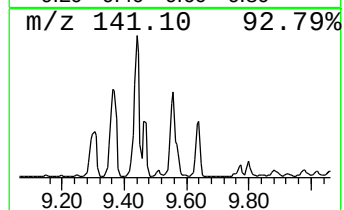
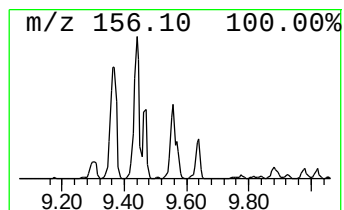
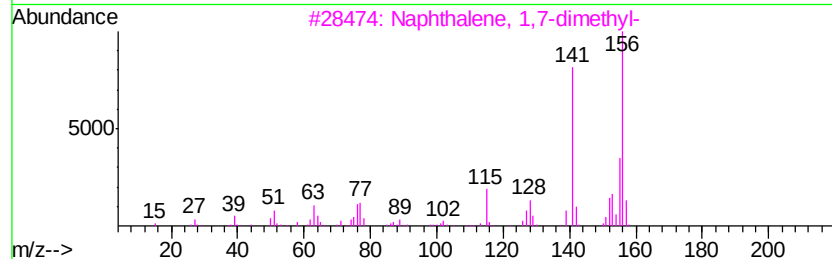
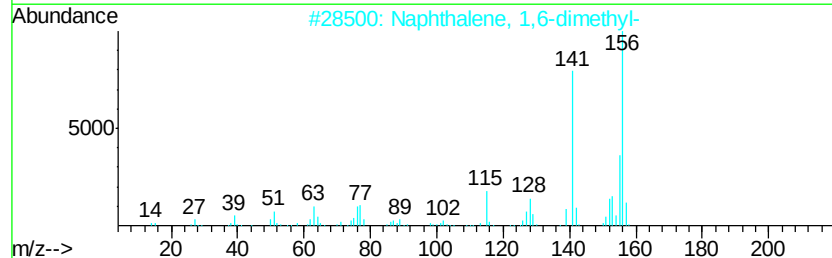
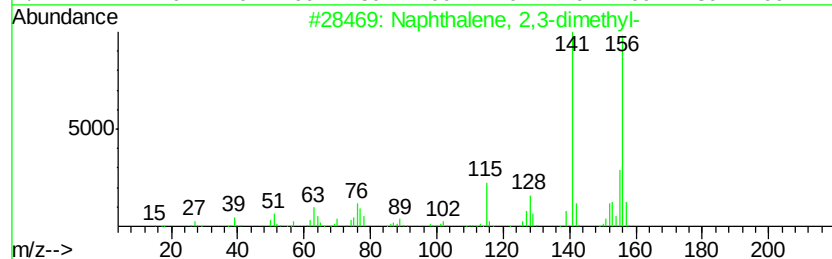
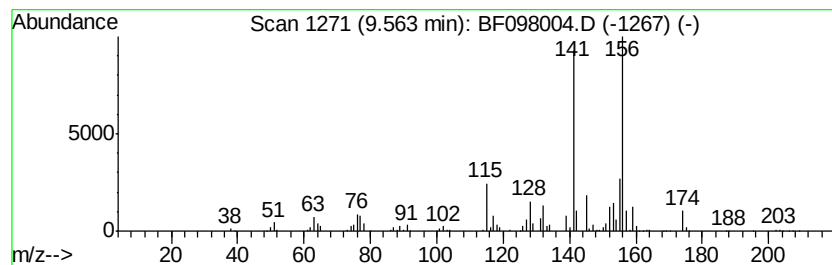
Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	44.63 ng	1532790	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 95



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

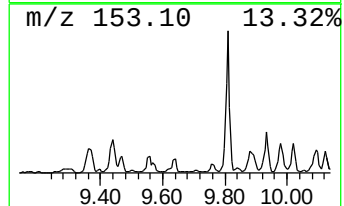
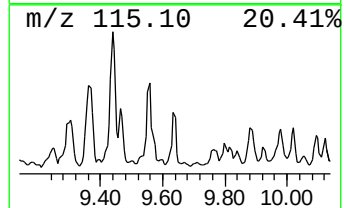
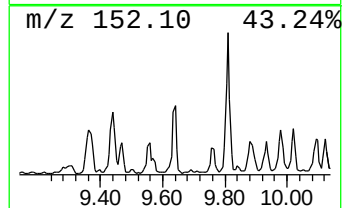
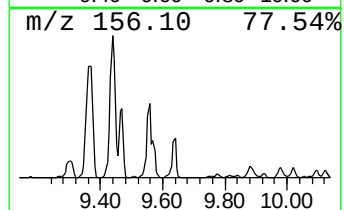
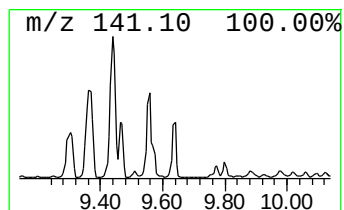
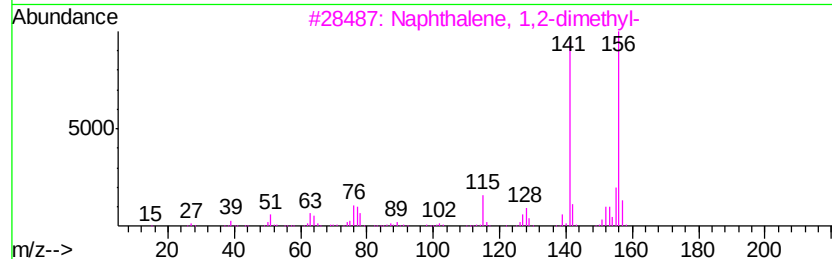
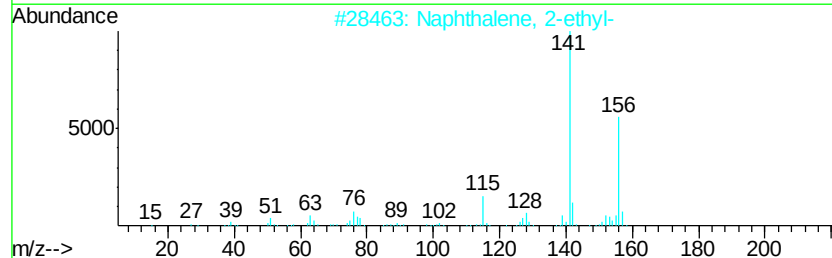
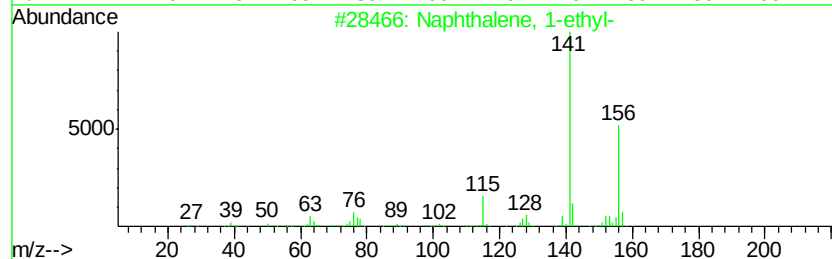
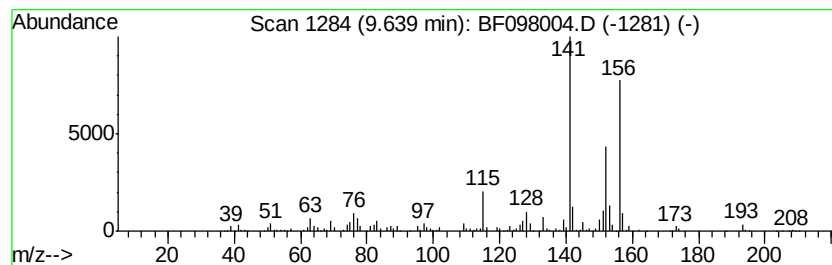
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	32.26 ng	1107920	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

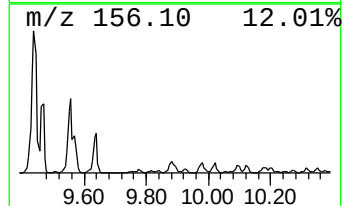
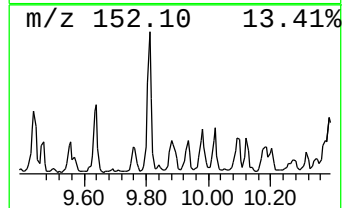
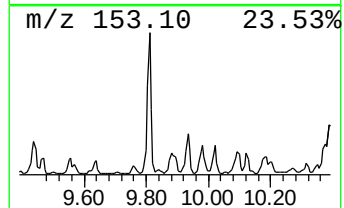
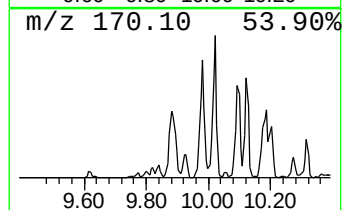
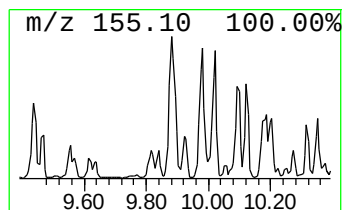
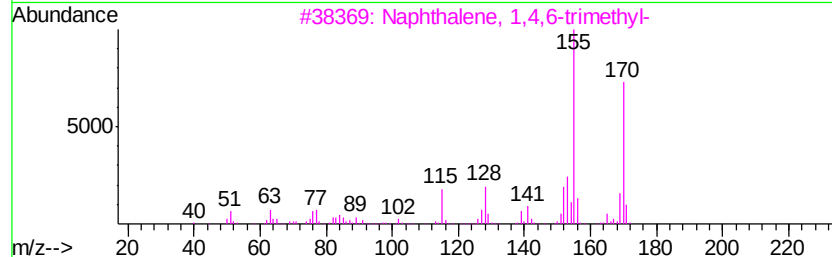
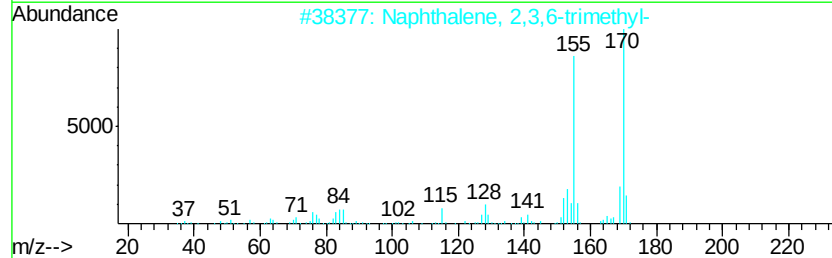
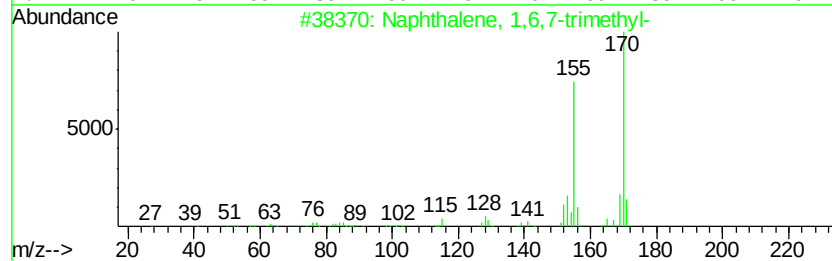
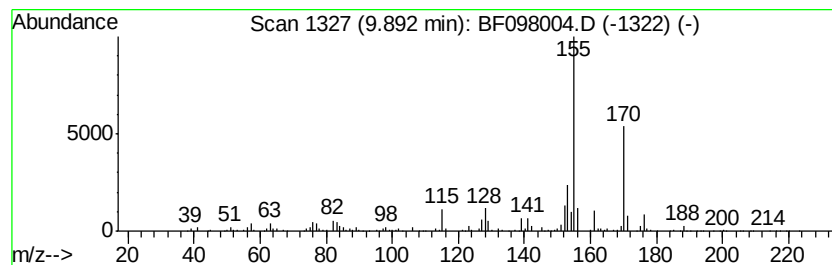
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	39.10 ng	1342900	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

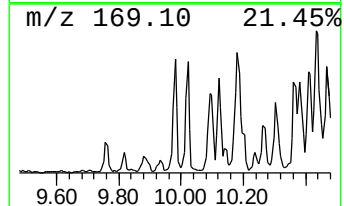
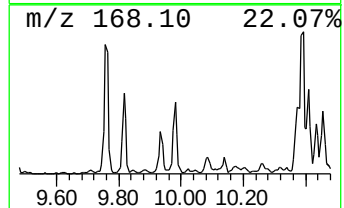
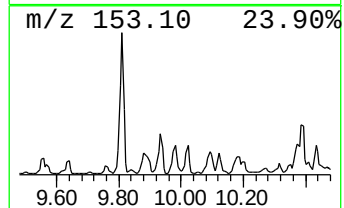
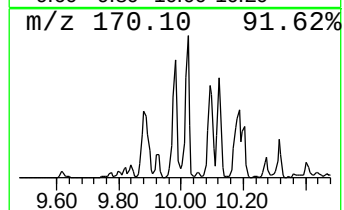
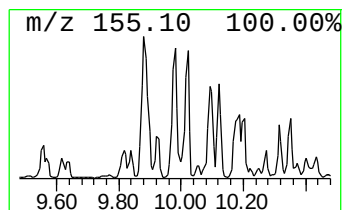
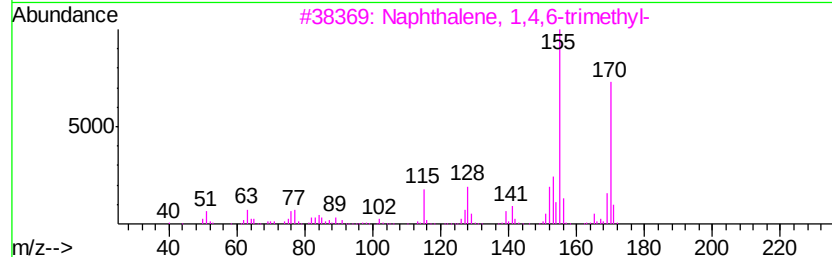
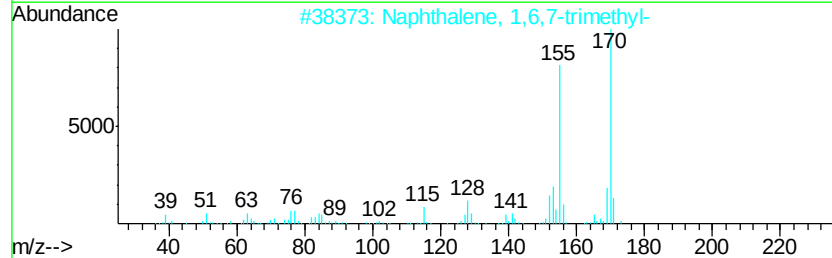
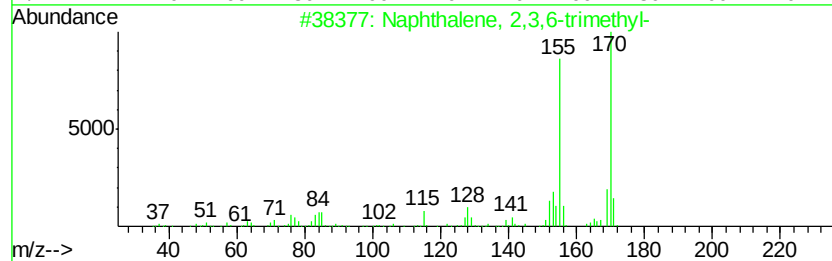
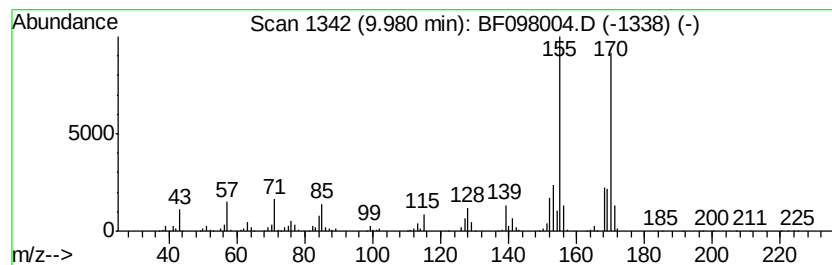
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	48.55 ng	1667360	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

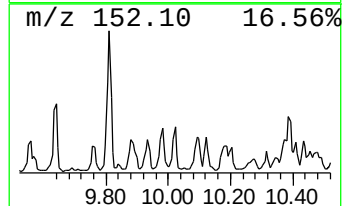
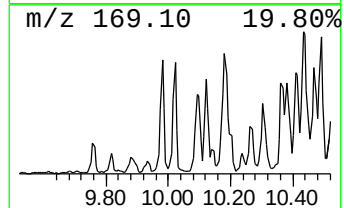
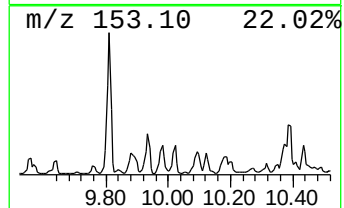
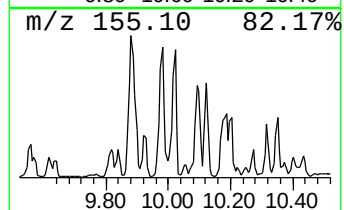
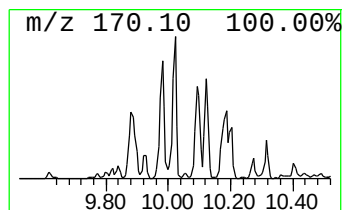
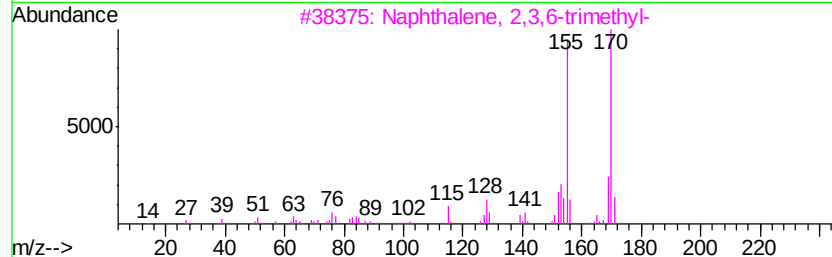
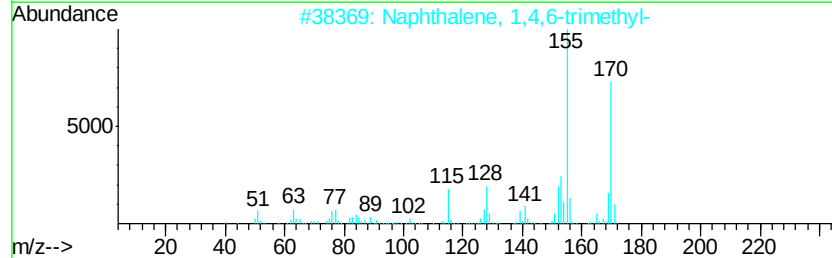
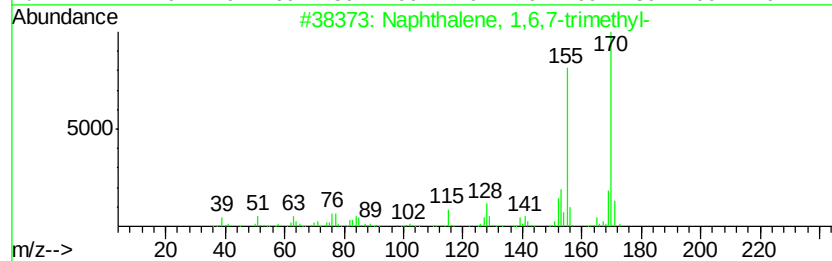
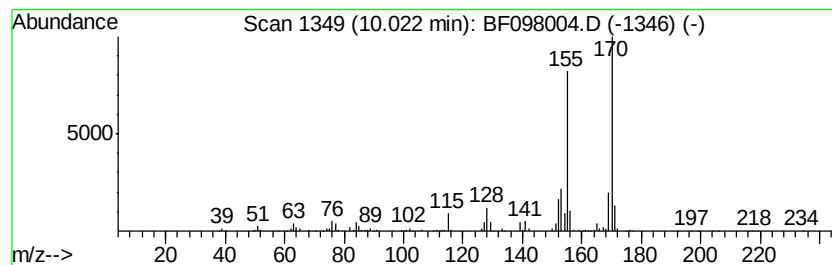
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	29.75 ng	1021630	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

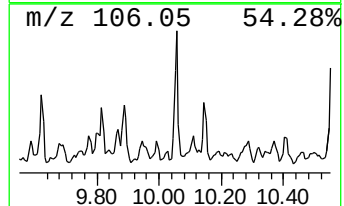
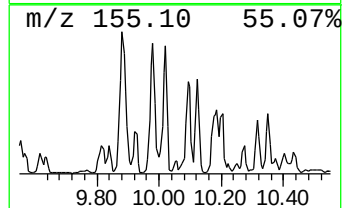
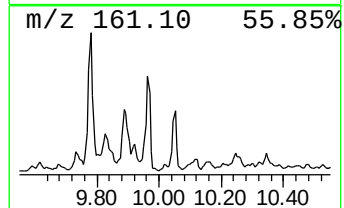
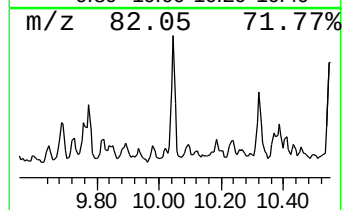
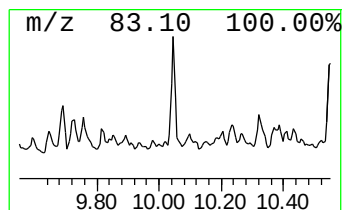
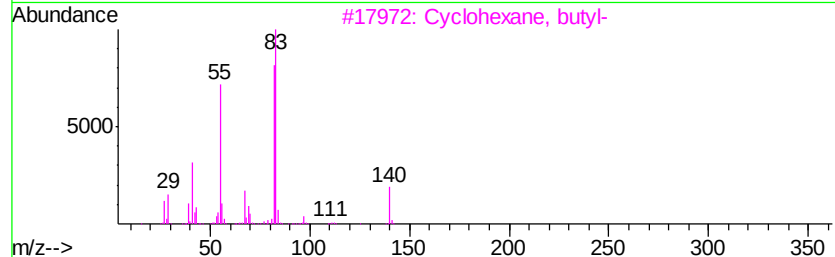
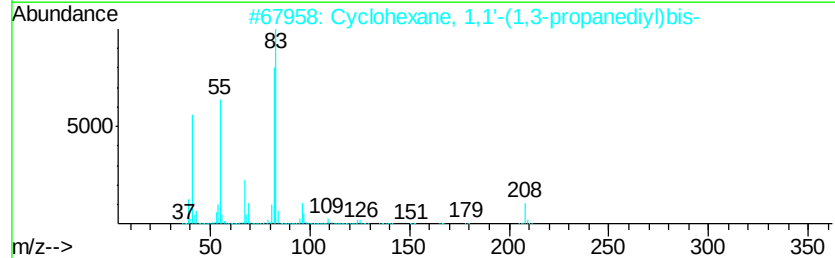
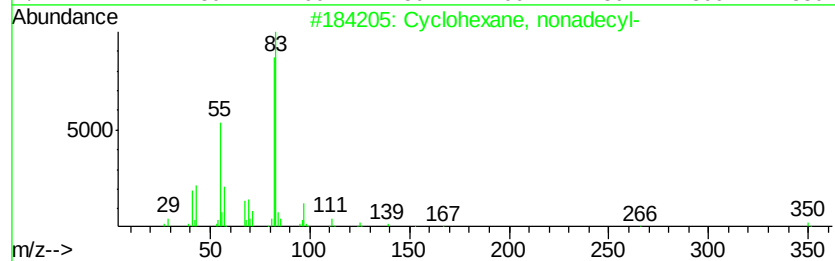
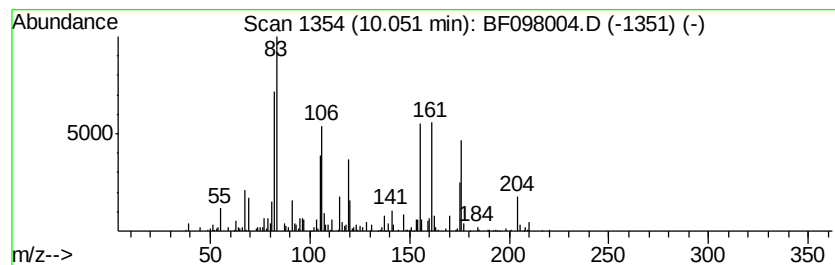
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, nonadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	19.95 ng	685138	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	53
2		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	52
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
5		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

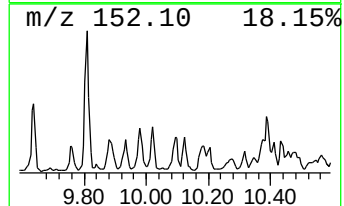
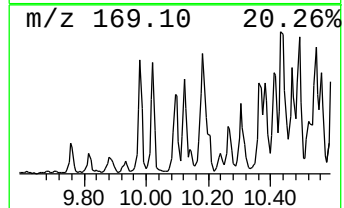
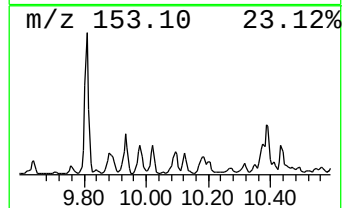
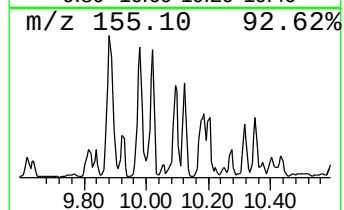
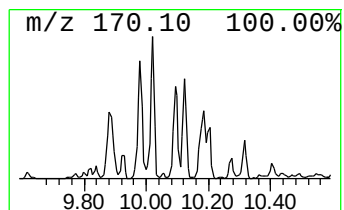
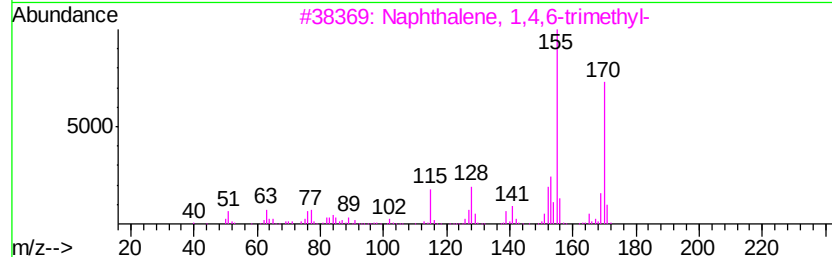
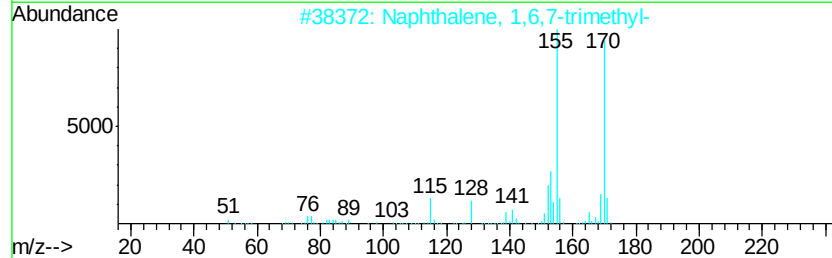
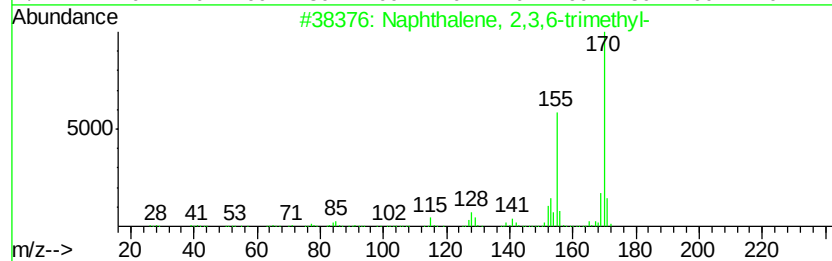
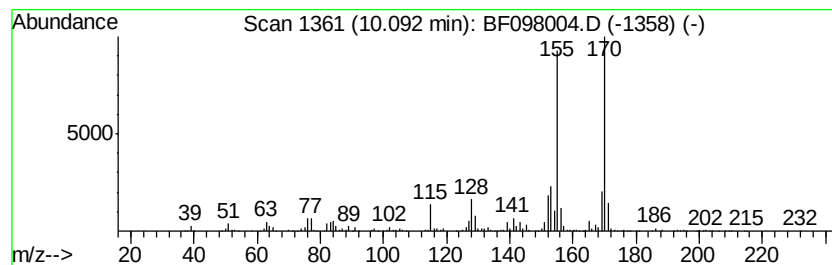
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	31.21 ng	1071740	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

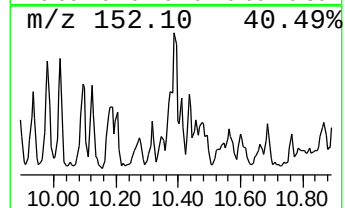
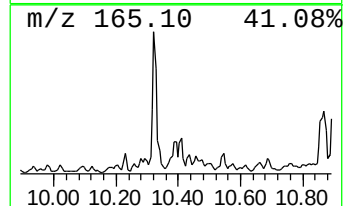
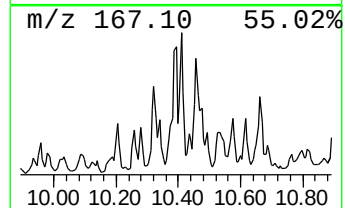
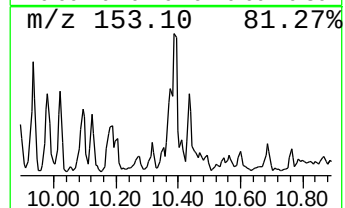
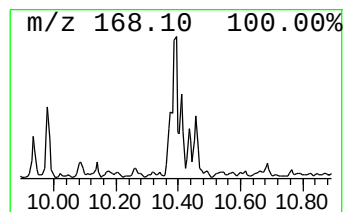
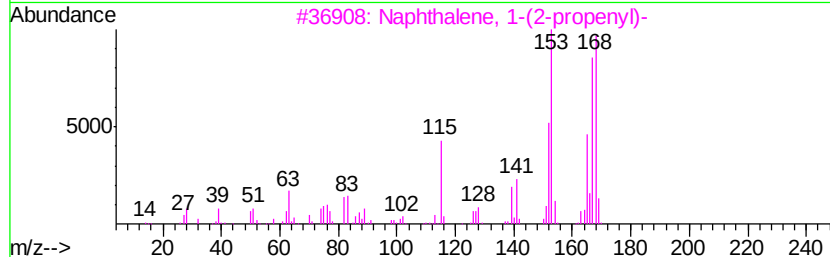
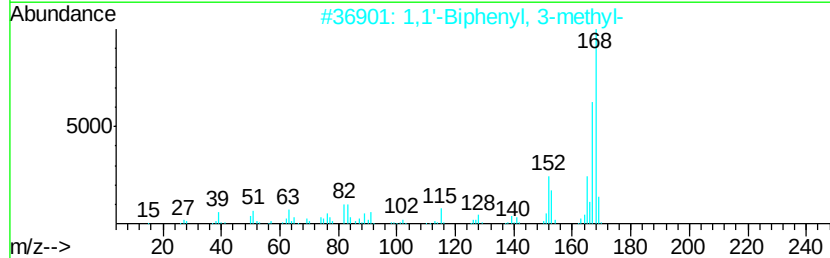
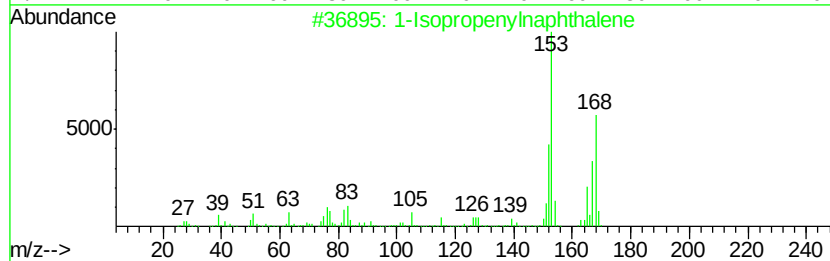
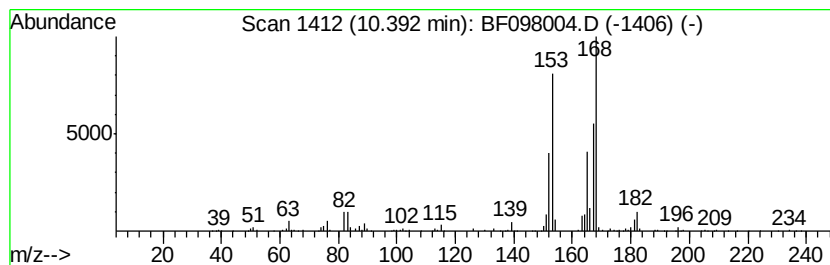
Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Isopropenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	20.29 ng	696805	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Isopropenylnaphthalene	168 C13H12	001855-47-6 81
2		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 55
3		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 53
4		Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3 53
5		Diphenylmethane	168 C13H12	000101-81-5 43



Data Path : Z:\HPCHEM1\BNA F\Data\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

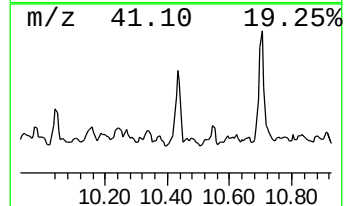
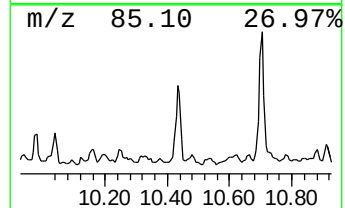
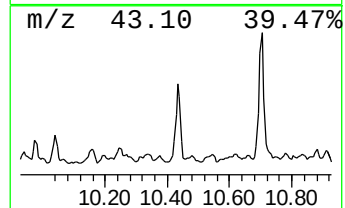
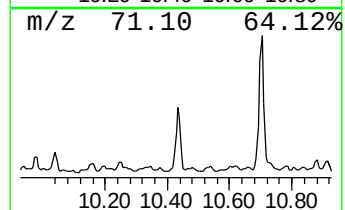
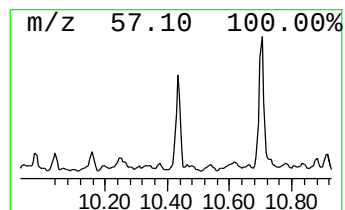
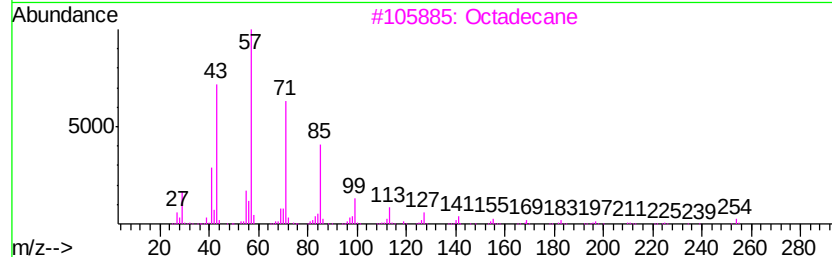
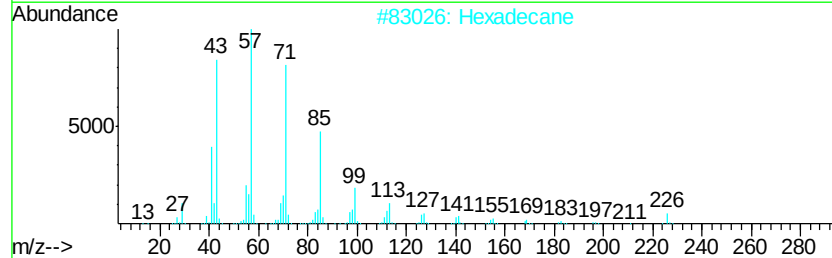
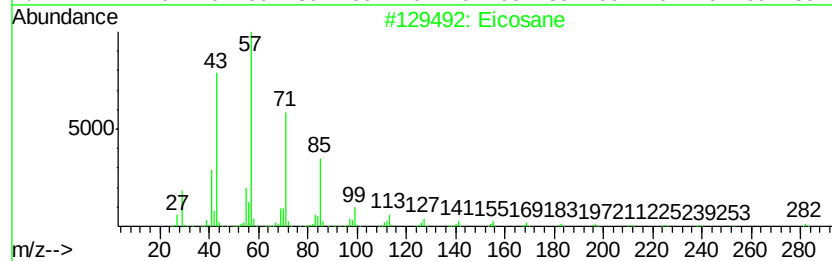
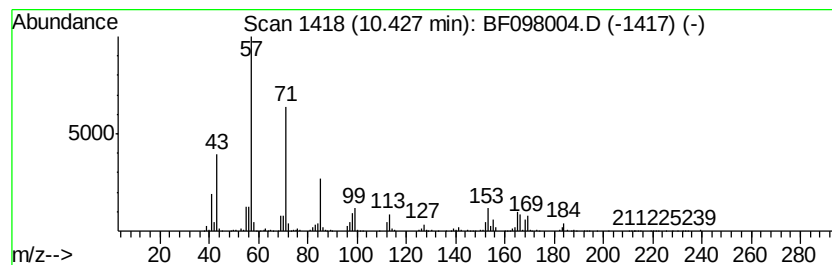
Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.43 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	43.24 ng	1484940	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	46
2	Hexadecane	226 C16H34	000544-76-3	46
3	Octadecane	254 C18H38	000593-45-3	43
4	Heptacosane	380 C27H56	000593-49-7	43
5	Dodecane, 3-methyl-	184 C13H28	017312-57-1	41



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082417\
 Data File : BF098004.D
 Acq On : 24 Aug 2017 16:18
 Operator : SJ/JU
 Sample : I4774-03 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-MW115-SO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
Octane, 2,6-dimet...	8.45	26.7	ng	1714600	2	8.02	1285100	20.0
Naphthalene, 2-et...	9.30	26.6	ng	913011	3	9.77	686877	20.0
Naphthalene, 2,6-...	9.37	75.2	ng	2582660	3	9.77	686877	20.0
Naphthalene, 2,3-...	9.44	97.5	ng	3346640	3	9.77	686877	20.0
Naphthalene, 1,6-...	9.46	33.1	ng	1135630	3	9.77	686877	20.0
Decane, 5-propyl-	9.51	58.0	ng	1990270	3	9.77	686877	20.0
Naphthalene, 1,7-...	9.56	44.6	ng	1532790	3	9.77	686877	20.0
Naphthalene, 1-et...	9.64	32.3	ng	1107920	3	9.77	686877	20.0
Naphthalene, 1,6,...	9.89	39.1	ng	1342900	3	9.77	686877	20.0
Naphthalene, 2,3,...	9.98	48.5	ng	1667360	3	9.77	686877	20.0
Naphthalene, 1,4,...	10.02	29.8	ng	1021630	3	9.77	686877	20.0
Cyclohexane, nona...	10.05	19.9	ng	685138	3	9.77	686877	20.0
Naphthalene, 1,4,...	10.09	31.2	ng	1071740	3	9.77	686877	20.0
1-Isopropenylnaph...	10.39	20.3	ng	696805	3	9.77	686877	20.0
unknown10.43	10.43	43.2	ng	1484940	3	9.77	686877	20.0