

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098975.D
 Acq On : 30 Sep 2017 21:02
 Operator : SJ/JU
 Sample : I5551-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\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	2.199	15	19	33	rVB2	45342	100295	5.65%	0.246%
2	5.528	580	585	596	rVB	645778	573137	32.30%	1.403%
3	6.157	687	692	699	rBV2	141749	262313	14.78%	0.642%
4	6.351	720	725	728	rBV3	121933	172286	9.71%	0.422%
5	6.410	733	735	738	rVB	212652	150663	8.49%	0.369%
6	6.440	738	740	748	rBV3	261552	396059	22.32%	0.970%
7	6.498	748	750	752	rBV	232412	202583	11.42%	0.496%
8	6.534	752	756	759	rVB	662772	584466	32.94%	1.431%
9	6.598	763	767	772	rVB4	146640	192577	10.85%	0.472%
10	6.657	772	777	778	rBV2	172548	229186	12.92%	0.561%
11	6.681	778	781	785	rVB	697338	587021	33.09%	1.437%
12	6.745	789	792	795	rBV	959879	825341	46.52%	2.021%
13	6.845	804	809	811	rBV4	90341	145243	8.19%	0.356%
14	6.875	811	814	815	rBV2	101932	100733	5.68%	0.247%
15	6.916	818	821	824	rVB2	1228845	1112863	62.72%	2.725%
16	6.969	827	830	833	rVB2	329068	319120	17.99%	0.781%
17	7.022	833	839	842	rVB3	195125	196793	11.09%	0.482%
18	7.069	842	847	850	rBV2	697949	924150	52.09%	2.263%
19	7.140	857	859	861	rBV	168675	134405	7.58%	0.329%
20	7.163	861	863	864	rBV	137525	116017	6.54%	0.284%
21	7.187	864	867	869	rVB	682304	556660	31.37%	1.363%
22	7.216	869	872	873	rBV	306783	269672	15.20%	0.660%
23	7.234	873	875	876	rBV	223264	186331	10.50%	0.456%
24	7.245	876	877	881	rVB	520487	405653	22.86%	0.993%
25	7.293	881	885	887	rBV	561444	620506	34.97%	1.519%
26	7.340	890	893	897	rVB3	131032	190145	10.72%	0.466%
27	7.398	897	903	906	rBV3	142662	246039	13.87%	0.602%
28	7.445	906	911	914	rBV	581661	714424	40.27%	1.749%
29	7.475	914	916	917	rBV	295932	221132	12.46%	0.541%
30	7.504	917	921	925	rVB	1847616	1774236	100.00%	4.344%
31	7.557	925	930	933	rBV4	489604	714914	40.29%	1.751%
32	7.610	933	939	944	rBV5	312164	780892	44.01%	1.912%
33	7.663	944	948	950	rBV4	122575	160889	9.07%	0.394%
34	7.687	950	952	954	rBV2	352301	266048	15.00%	0.651%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
 Data File : BF098975.D
 Acq On : 30 Sep 2017 21:02
 Operator : SJ/JU
 Sample : I5551-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

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

35	7.710	954	956	957	rBV	270231	197494	11.13%	0.484%
36	7.792	966	970	972	rBV2	235296	323726	18.25%	0.793%
37	7.816	972	974	976	rVV	449671	408979	23.05%	1.001%
38	7.840	976	978	981	rVV3	375922	498173	28.08%	1.220%
39	7.875	981	984	987	rVV2	470544	573159	32.30%	1.403%
40	7.904	987	989	992	rVV2	492974	493834	27.83%	1.209%
41	7.940	992	995	997	rVV2	942965	904852	51.00%	2.216%
42	7.963	997	999	1000	rVV	285175	205319	11.57%	0.503%
43	7.987	1000	1003	1004	rVV	469182	379200	21.37%	0.929%
44	8.010	1004	1007	1010	rVV3	332922	378328	21.32%	0.926%
45	8.040	1010	1012	1014	rVB	346685	250181	14.10%	0.613%
46	8.069	1014	1017	1019	rVB2	299048	291559	16.43%	0.714%
47	8.098	1019	1022	1025	rBV3	157922	171917	9.69%	0.421%
48	8.145	1025	1030	1031	rBV4	220737	294192	16.58%	0.720%
49	8.175	1031	1035	1037	rVV	1648899	1582762	89.21%	3.876%
50	8.198	1037	1039	1042	rVV	1161180	1036382	58.41%	2.538%
51	8.222	1042	1043	1044	rVV	211797	110802	6.25%	0.271%
52	8.251	1044	1048	1051	rVB2	1027339	981618	55.33%	2.404%
53	8.281	1051	1053	1056	rBV2	345942	357735	20.16%	0.876%
54	8.345	1061	1064	1066	rBV4	207409	232749	13.12%	0.570%
55	8.398	1070	1073	1075	rVB3	353685	361209	20.36%	0.884%
56	8.445	1078	1081	1084	rBV3	121001	134584	7.59%	0.330%
57	8.487	1084	1088	1092	rVB4	736857	833281	46.97%	2.040%
58	8.534	1093	1096	1099	rBV4	317802	296885	16.73%	0.727%
59	8.569	1099	1102	1106	rVB3	427963	491660	27.71%	1.204%
60	8.610	1106	1109	1111	rBV	1025492	793802	44.74%	1.944%
61	8.634	1111	1113	1116	rBV2	215338	159197	8.97%	0.390%
62	8.663	1116	1118	1121	rVB3	172493	144047	8.12%	0.353%
63	8.698	1121	1124	1127	rBV	528746	474244	26.73%	1.161%
64	8.739	1127	1131	1133	rBV4	129786	159758	9.00%	0.391%
65	8.781	1135	1138	1142	rVB	1444951	1138886	64.19%	2.789%
66	8.828	1142	1146	1147	rBV4	126586	152992	8.62%	0.375%
67	8.857	1149	1151	1153	rBV2	207048	170706	9.62%	0.418%
68	8.939	1163	1165	1168	rBV3	138030	122237	6.89%	0.299%
69	8.975	1168	1171	1173	rVV4	159730	204033	11.50%	0.500%
70	9.022	1176	1179	1181	rVV	413405	395175	22.27%	0.968%
71	9.063	1183	1186	1188	rVV3	355471	408933	23.05%	1.001%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.081	1188	1189	1190	rVV	262933	153236	8.64%	0.375%
73	9.110	1190	1194	1196	rVV3	292215	402461	22.68%	0.985%
74	9.145	1196	1200	1204	rVV4	446258	514055	28.97%	1.259%
75	9.187	1204	1207	1209	rVV	323328	268713	15.15%	0.658%
76	9.210	1209	1211	1213	rVV	726925	526775	29.69%	1.290%
77	9.234	1213	1215	1218	rVB2	168047	160751	9.06%	0.394%
78	9.269	1218	1221	1226	rBV	808559	677077	38.16%	1.658%
79	9.345	1231	1234	1237	rBV	1045181	881757	49.70%	2.159%
80	9.386	1239	1241	1243	rVV3	145793	123409	6.96%	0.302%
81	9.422	1245	1247	1249	rVB	292703	215827	12.16%	0.528%
82	9.604	1272	1278	1279	rVV3	172751	269245	15.18%	0.659%
83	9.622	1279	1281	1284	rVV3	169556	181353	10.22%	0.444%
84	9.663	1284	1288	1291	rVV2	524671	662904	37.36%	1.623%
85	9.686	1291	1292	1296	rVV2	196626	176155	9.93%	0.431%
86	9.722	1296	1298	1301	rVV3	175762	163427	9.21%	0.400%
87	9.875	1321	1324	1328	rVB	503834	415997	23.45%	1.019%
88	9.957	1334	1338	1341	rVB	917127	827144	46.62%	2.025%
89	10.110	1360	1364	1366	rVV2	69191	95921	5.41%	0.235%
90	10.192	1375	1378	1383	rBV3	94022	112350	6.33%	0.275%
91	10.375	1404	1409	1411	rBV	190037	180233	10.16%	0.441%
92	10.592	1441	1446	1448	rBV	78768	92473	5.21%	0.226%
93	10.739	1468	1471	1475	rBV	223943	192999	10.88%	0.473%
94	10.845	1486	1489	1495	rBV	121788	156685	8.83%	0.384%
95	11.439	1586	1590	1593	rBV	818365	732318	41.28%	1.793%
96	12.886	1833	1836	1842	rVB	156187	150305	8.47%	0.368%
97	13.022	1855	1859	1862	rBV	592300	478522	26.97%	1.172%
98	14.080	2035	2039	2042	rBV	777886	757496	42.69%	1.855%
99	15.192	2226	2228	2234	rVB2	86508	94541	5.33%	0.231%
100	15.580	2290	2294	2308	rVB	451694	627287	35.36%	1.536%

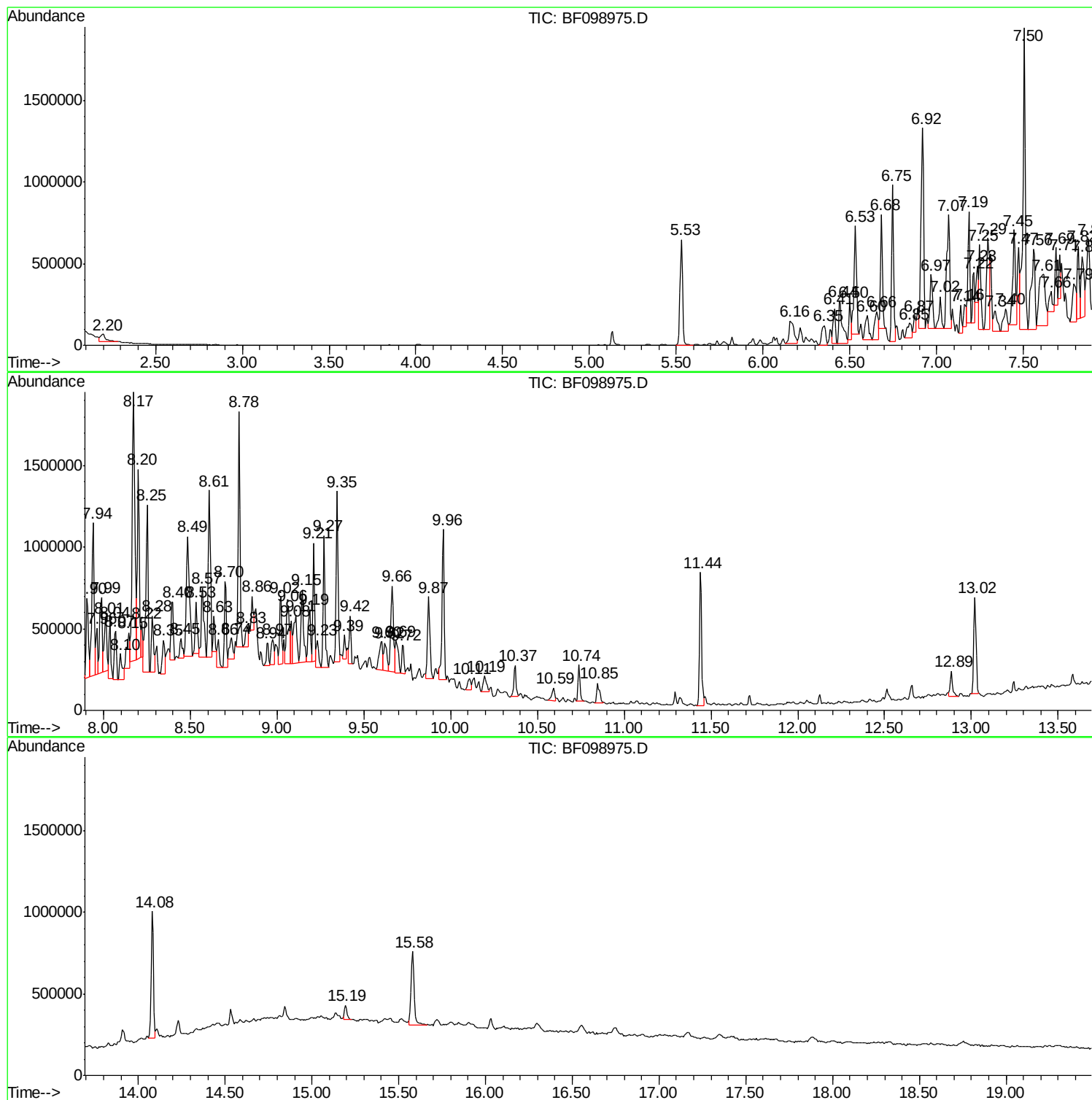
Sum of corrected areas: 40838798

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

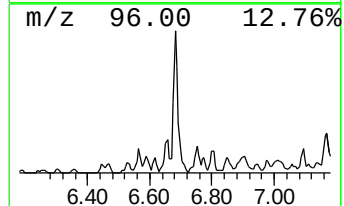
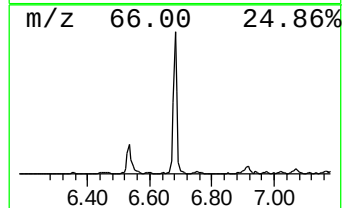
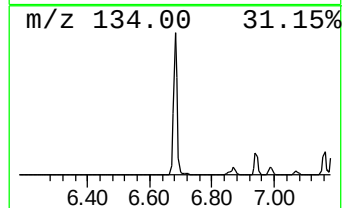
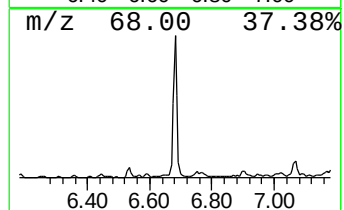
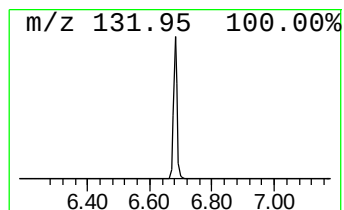
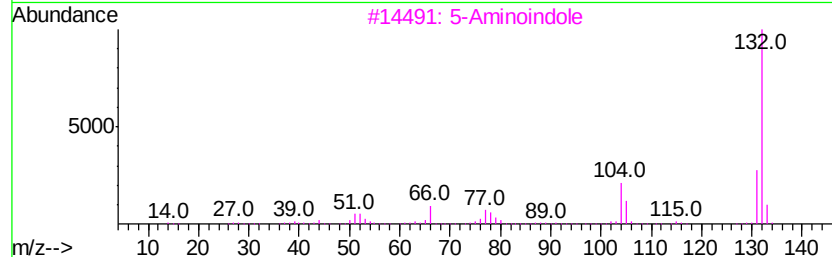
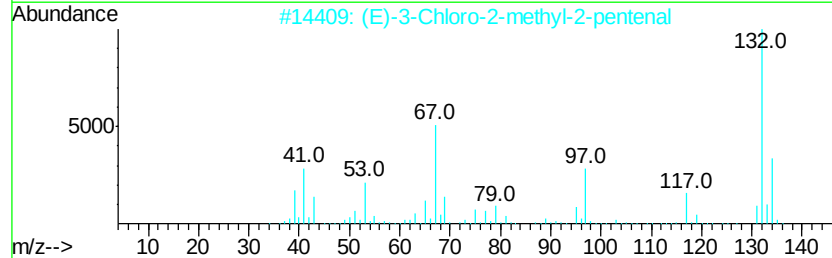
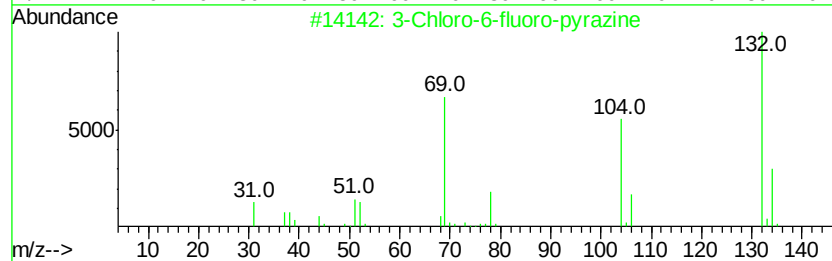
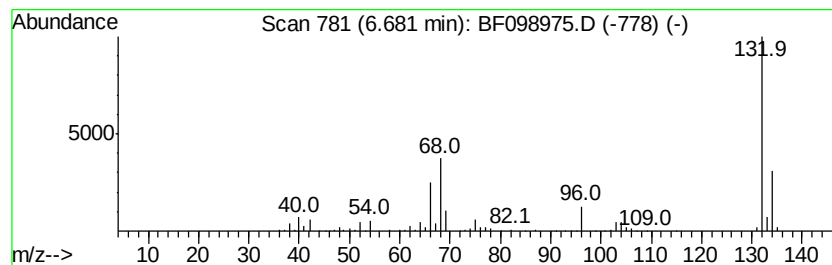
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.68 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	10.55 ng	587021	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

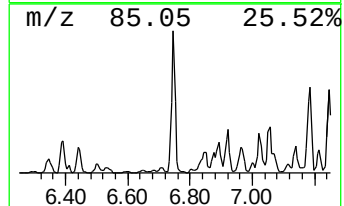
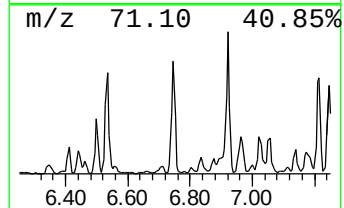
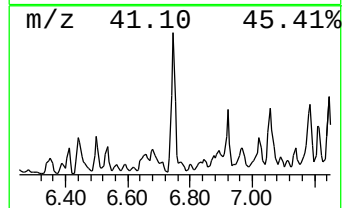
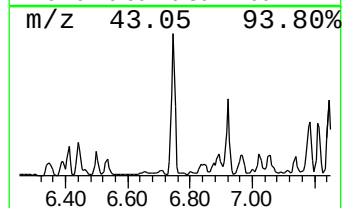
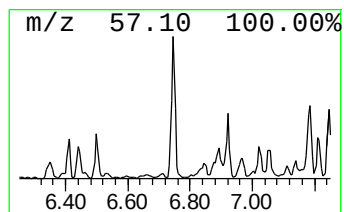
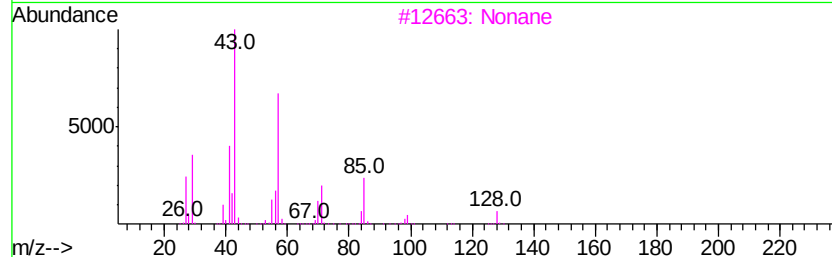
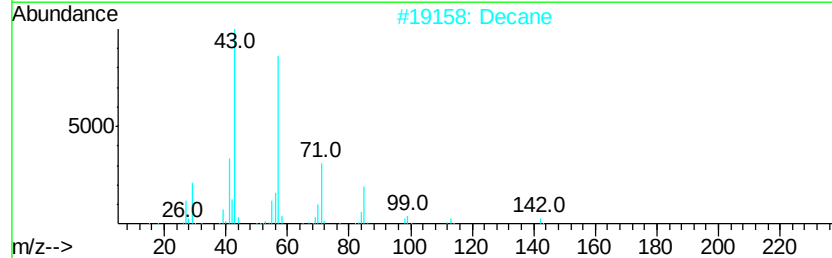
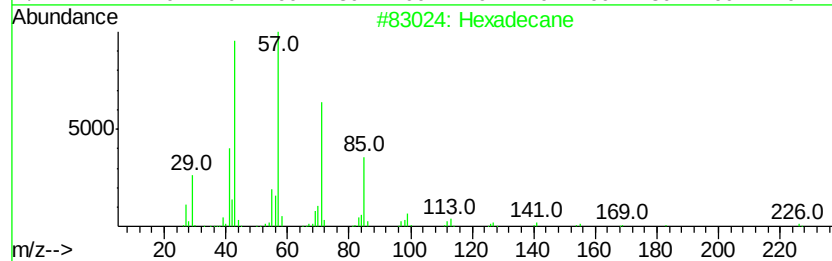
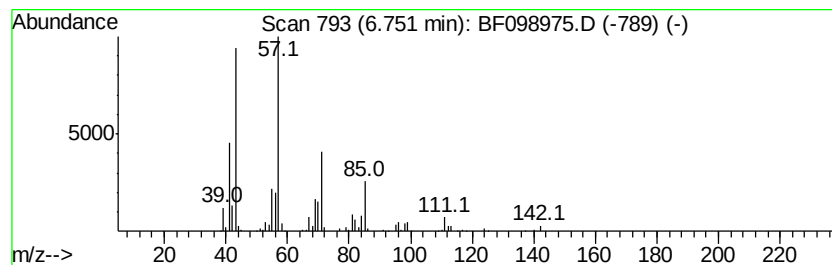
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	14.83 ng	825341	1,4-Dichlorobenzene-d4	6.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Decane		142	C10H22	000124-18-5	81
3	Nonane		128	C9H20	000111-84-2	80
4	Tridecane		184	C13H28	000629-50-5	78
5	Undecane		156	C11H24	001120-21-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

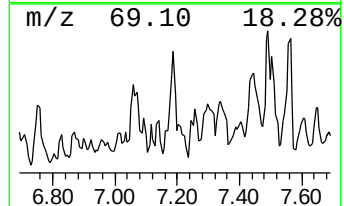
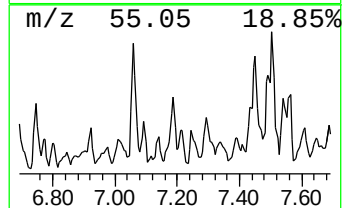
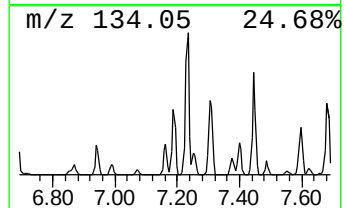
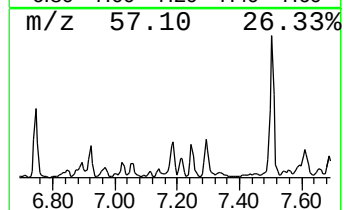
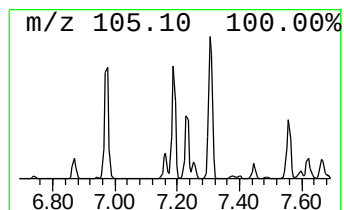
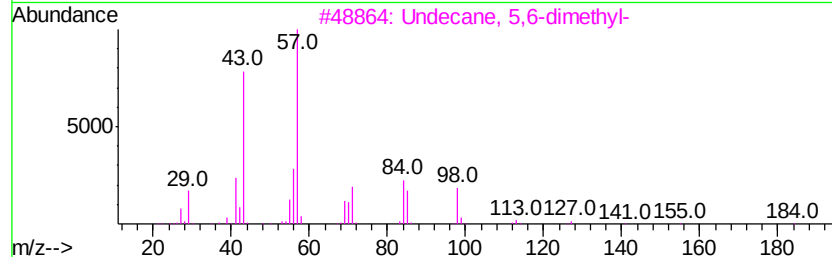
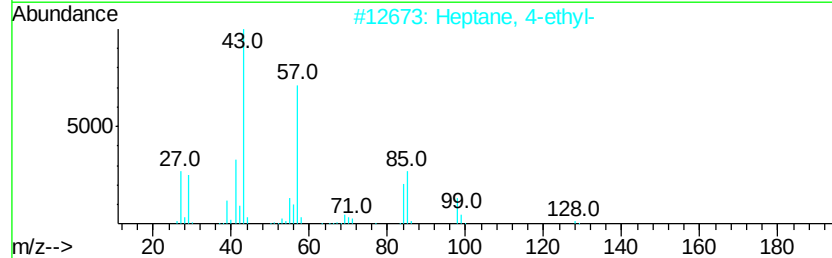
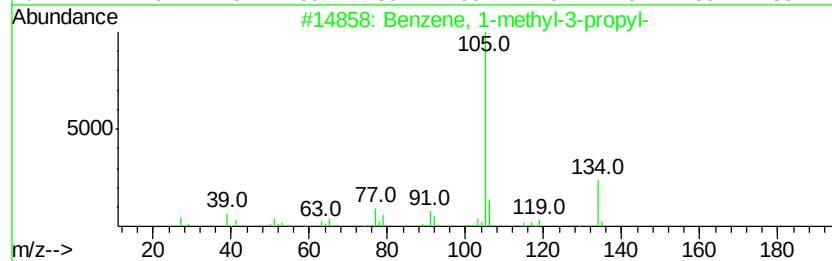
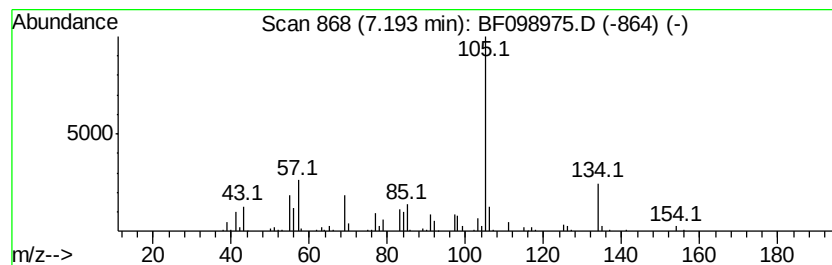
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	10.00 ng	556660	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
3		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

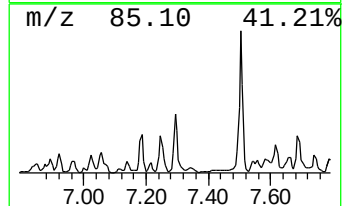
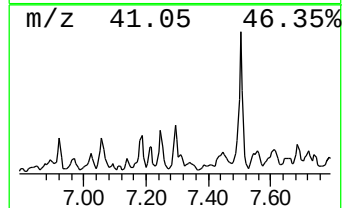
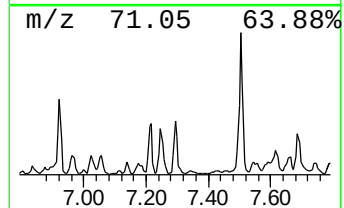
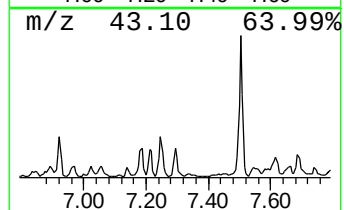
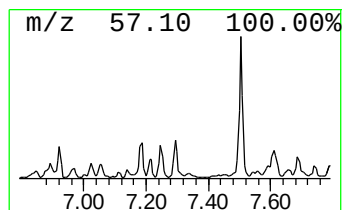
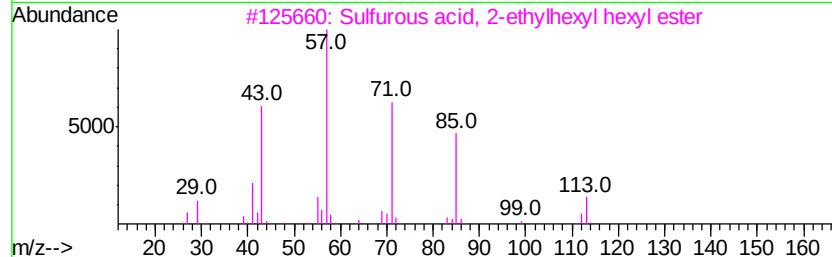
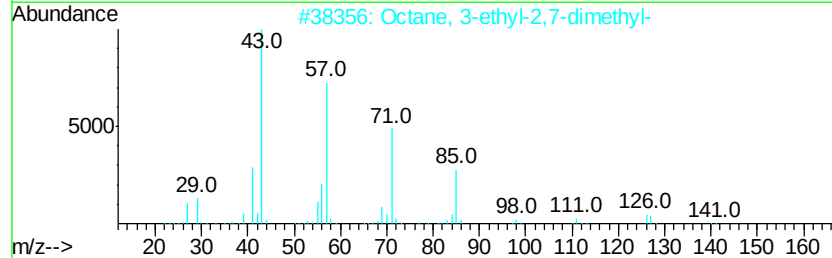
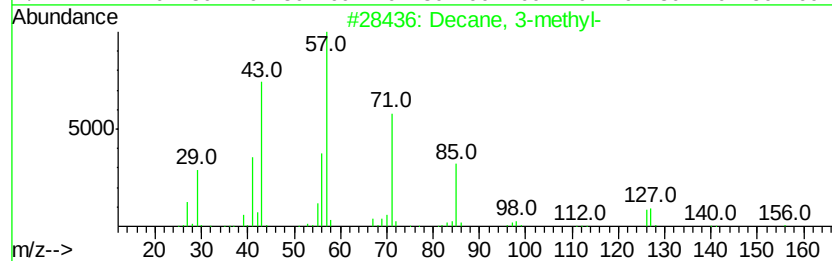
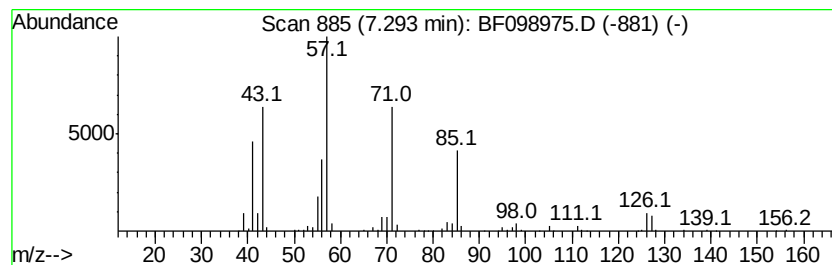
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	11.15 ng	620506	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	81
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

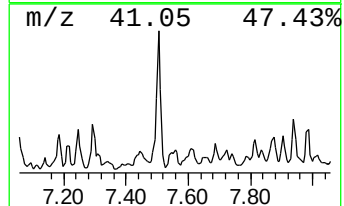
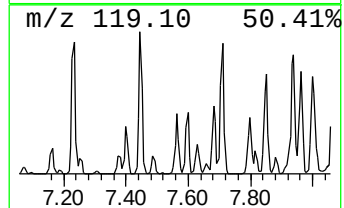
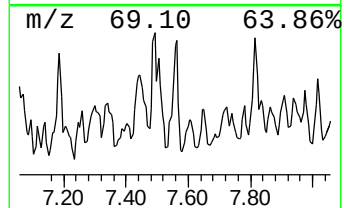
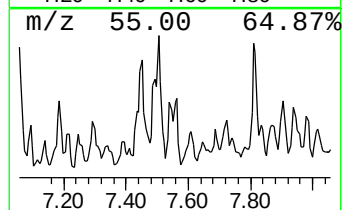
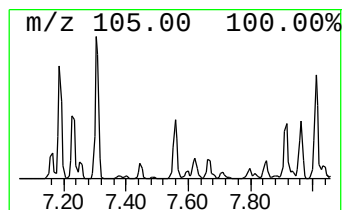
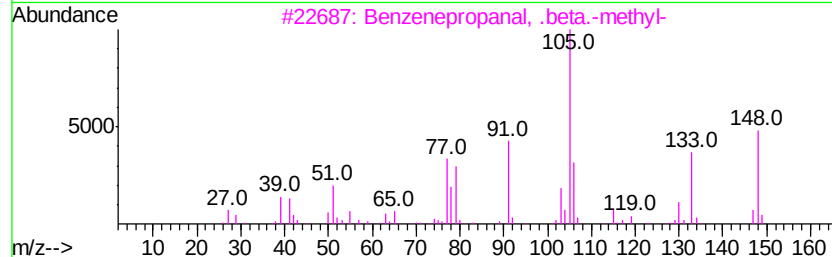
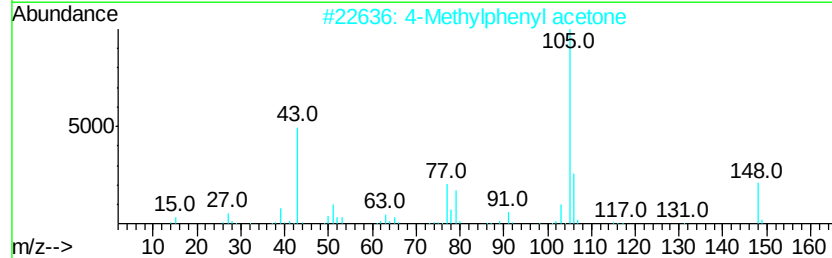
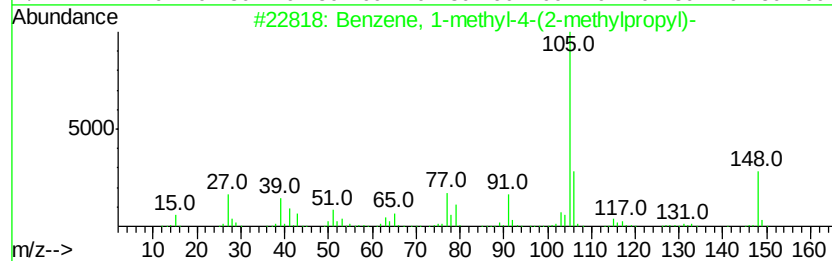
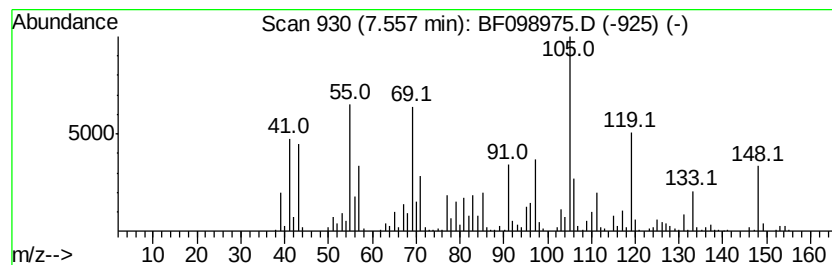
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.56 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	12.85 ng	714914	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	35
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
3		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	18
4		Succinic acid, monochloride, 3,3...	220	C10H17ClO3	1000349-52-6	14
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

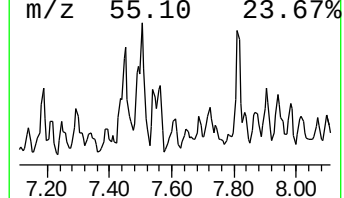
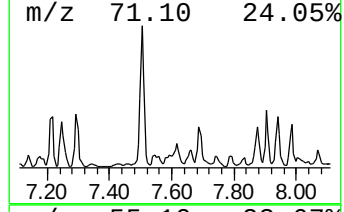
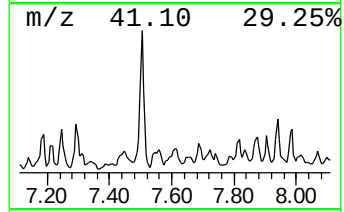
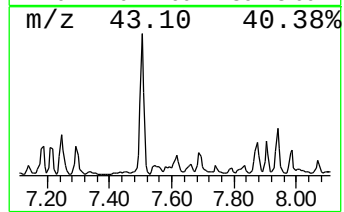
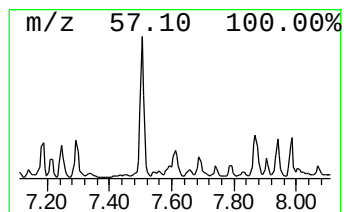
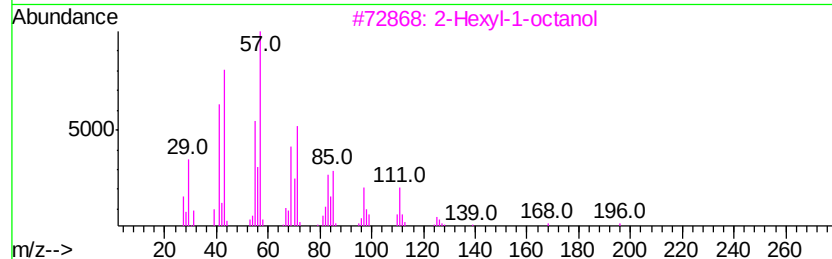
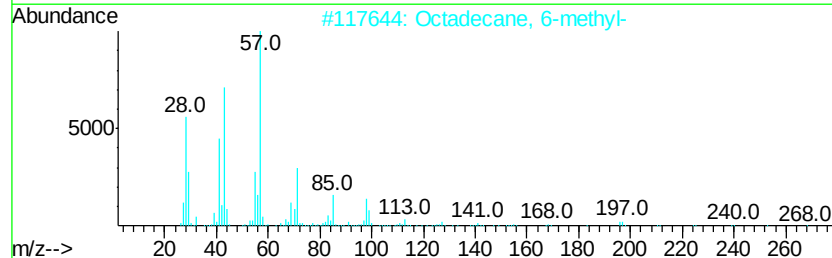
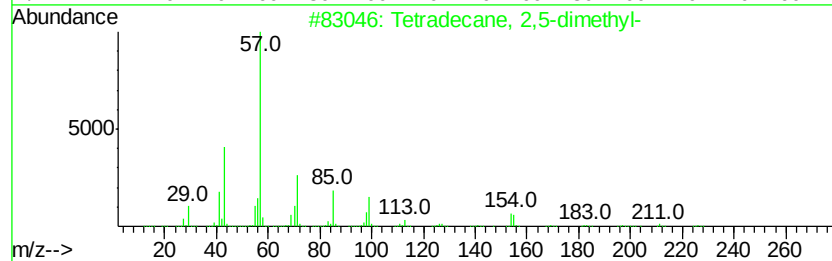
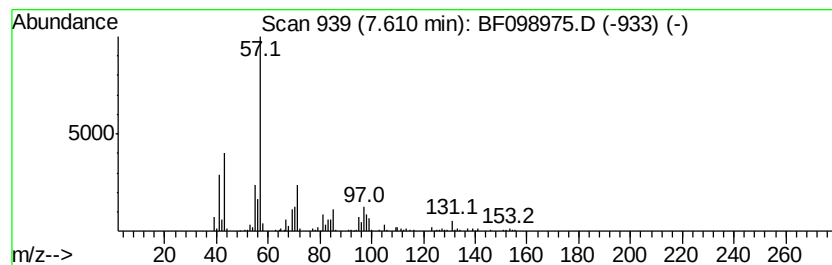
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.61 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	15.07 ng	780892	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	47
2		Octadecane, 6-methyl-	268	C19H40	010544-96-4	43
3		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	43
4		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	43
5		Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

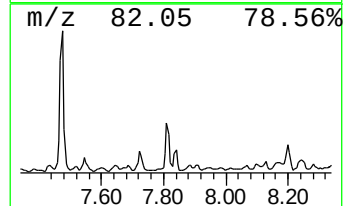
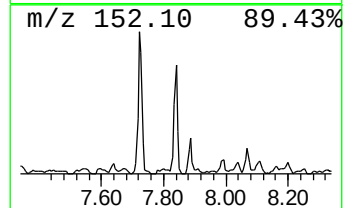
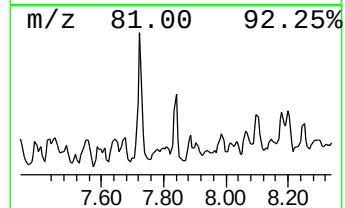
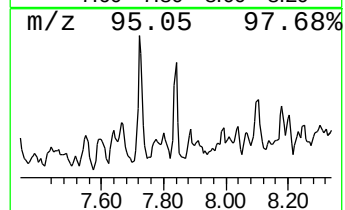
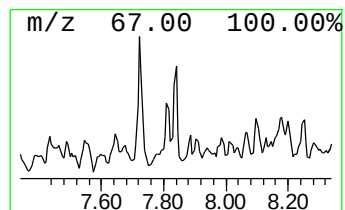
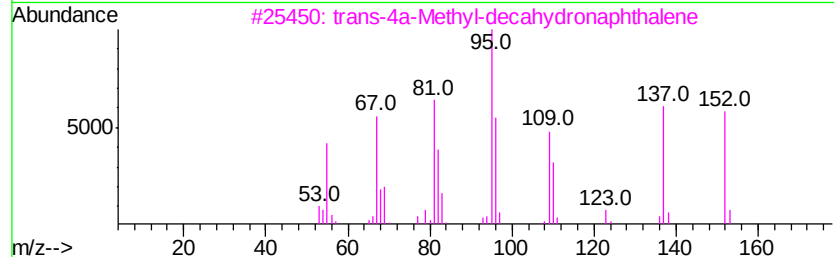
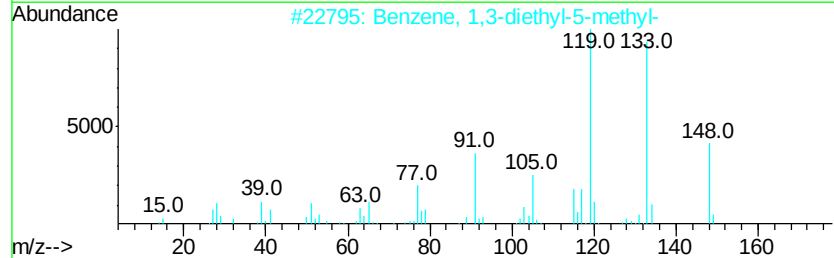
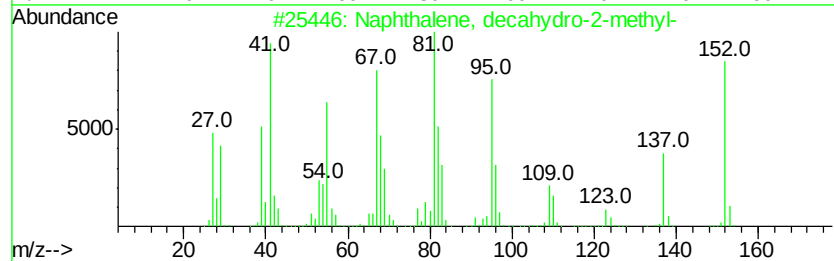
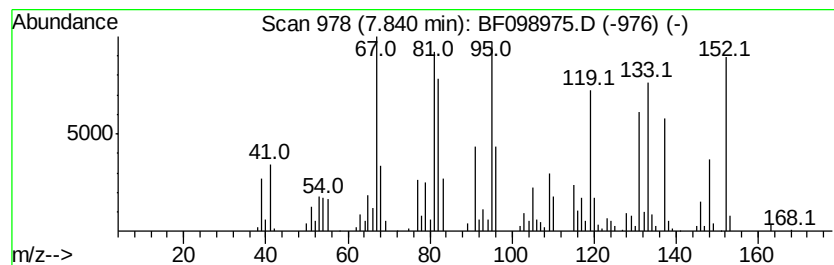
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	9.61 ng	498173	Naphthalene-d8	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	56
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	53
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

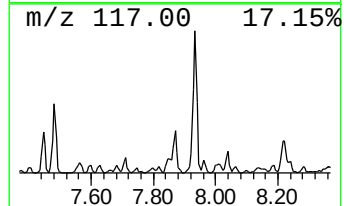
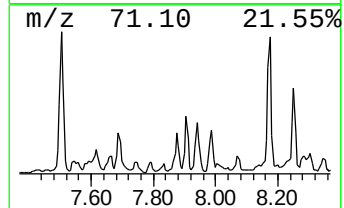
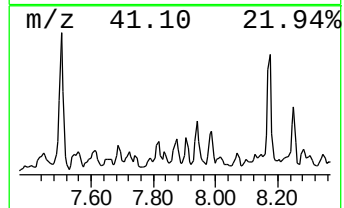
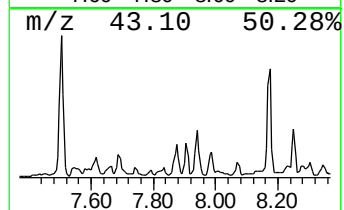
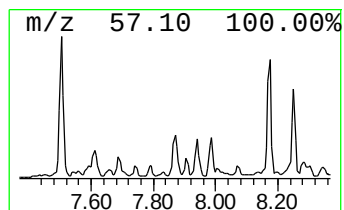
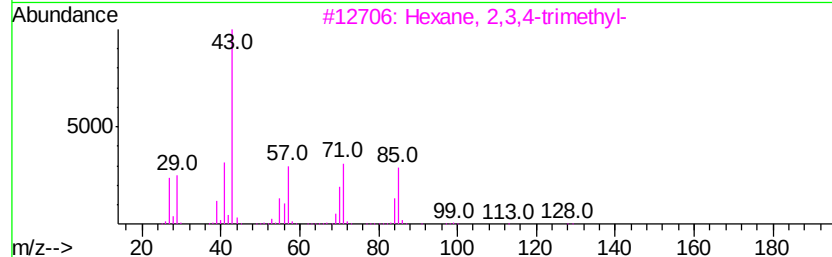
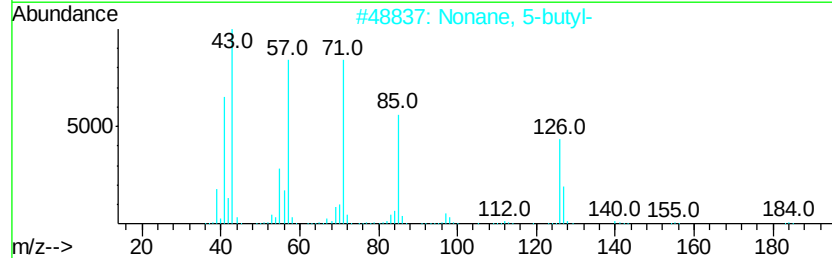
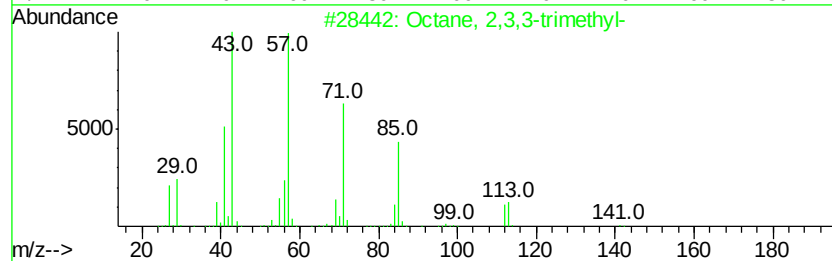
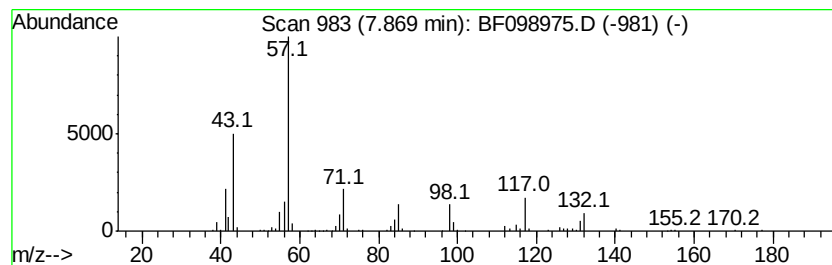
Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

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

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

Peak Number 9 Octane, 2,3,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.87	11.06 ng	573159	Napthalene-d8	8.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	58
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
5	4-Methyl-5-nonanone	156	C10H20O	035900-26-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

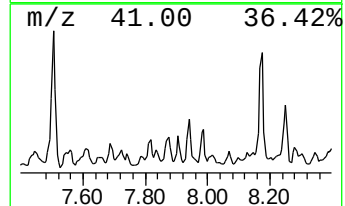
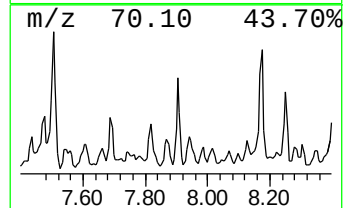
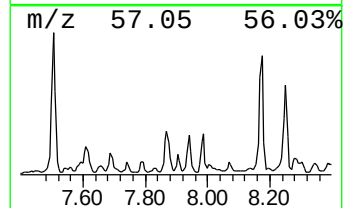
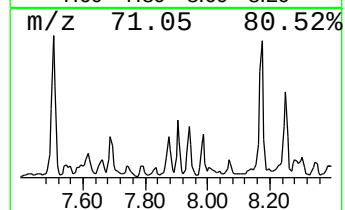
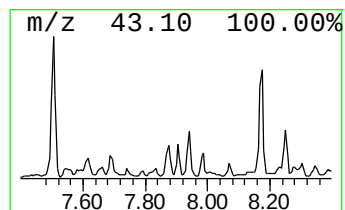
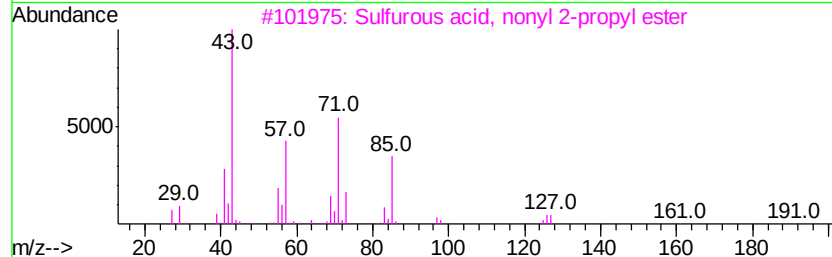
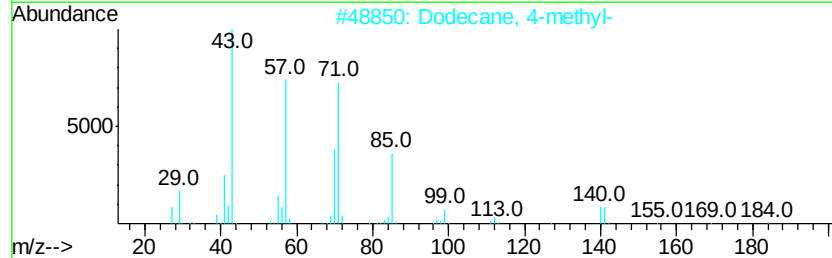
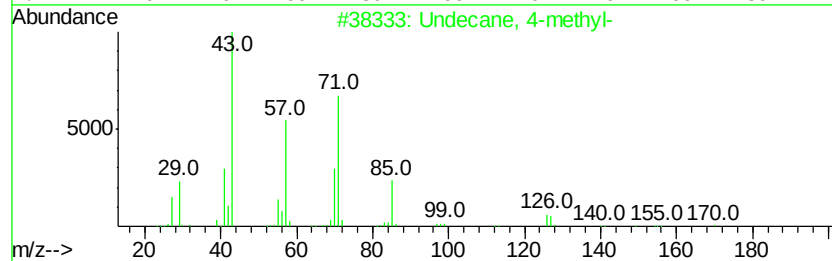
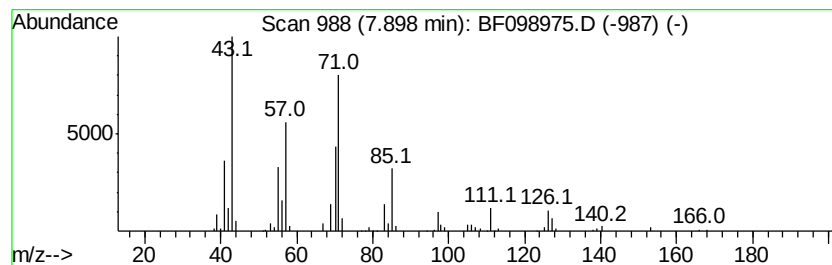
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	9.53 ng	493834	Napthalene-d8	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	76
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	59
4			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

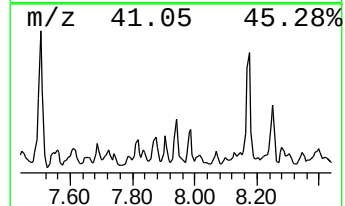
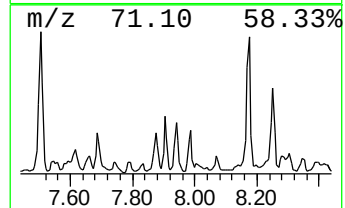
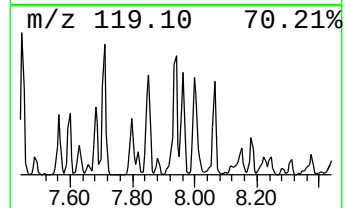
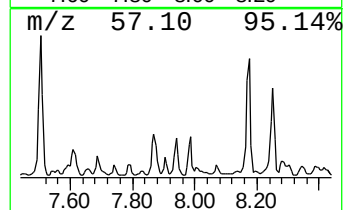
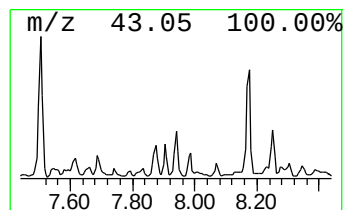
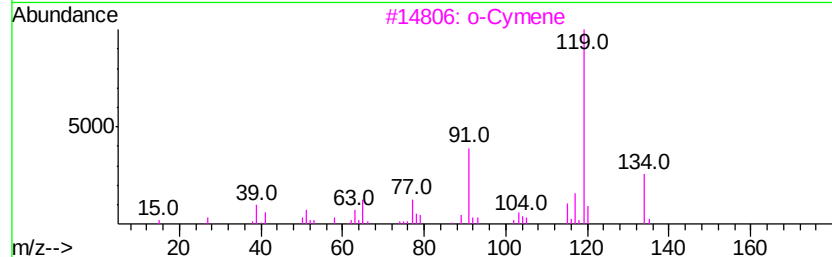
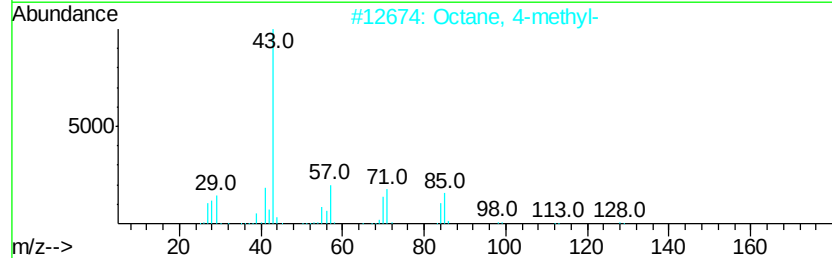
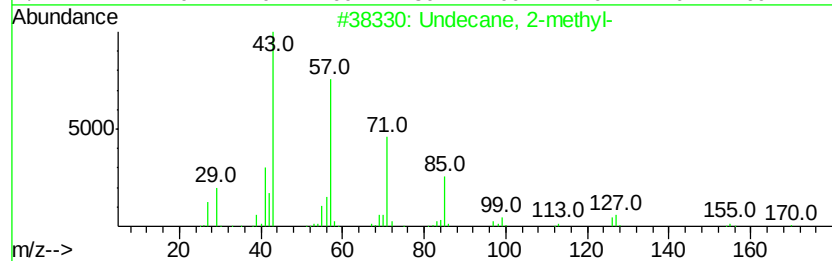
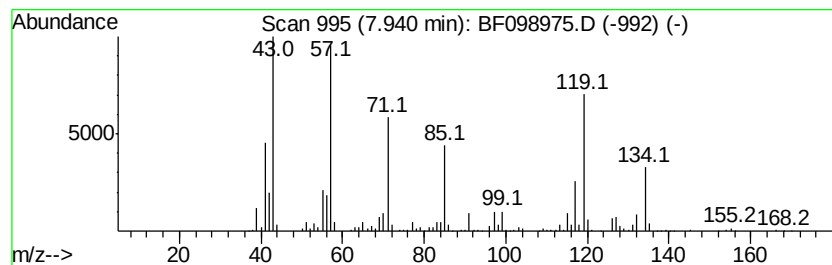
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	17.46 ng	904852	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	55
2		Octane, 4-methyl-	128	C9H20	002216-34-4	38
3		o-Cymene	134	C10H14	000527-84-4	35
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	25
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

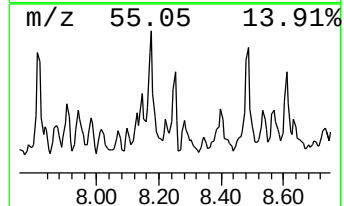
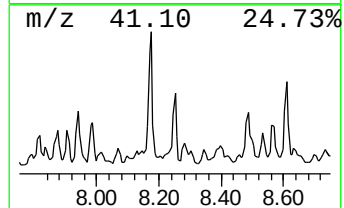
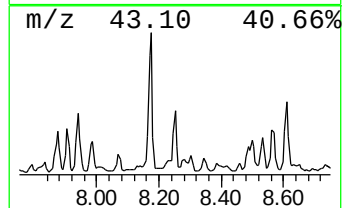
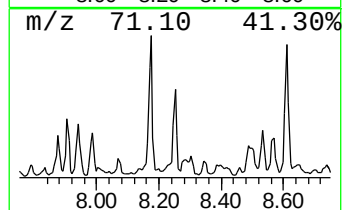
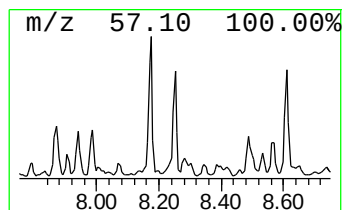
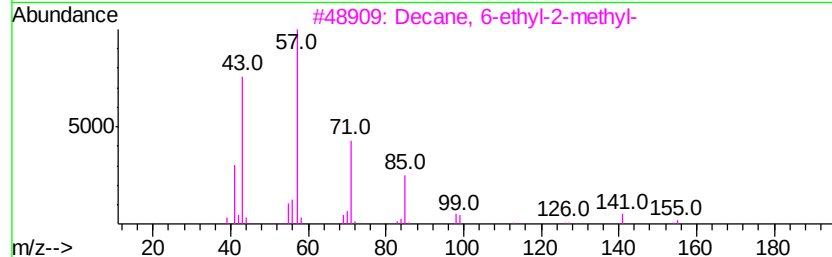
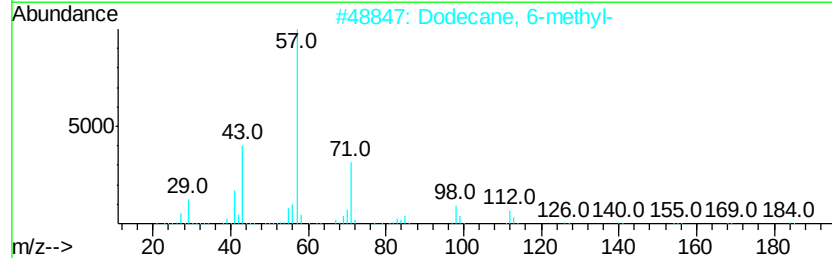
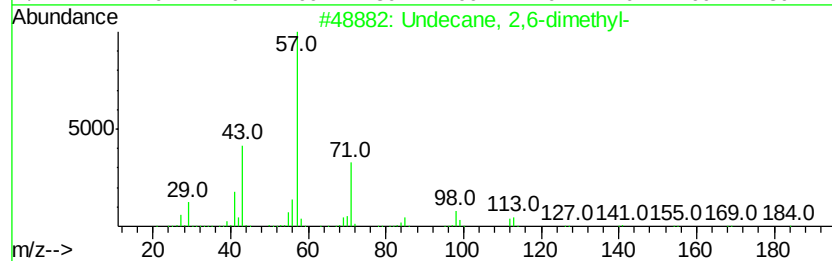
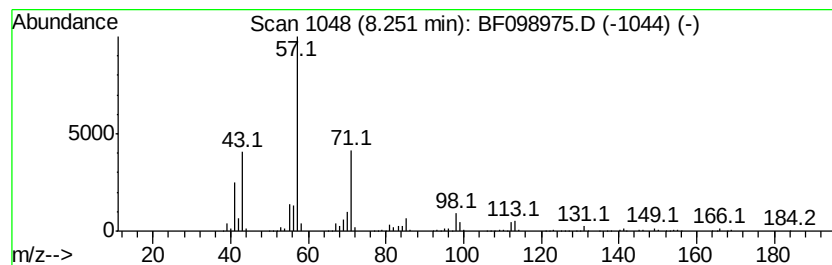
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	18.94 ng	981618	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

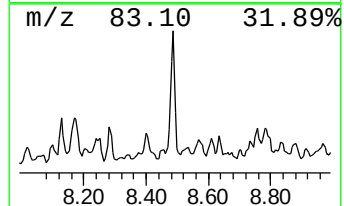
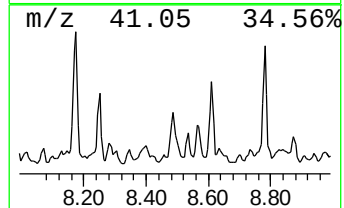
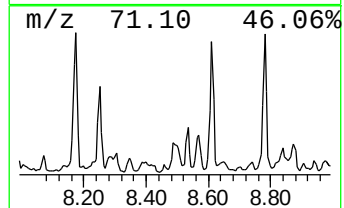
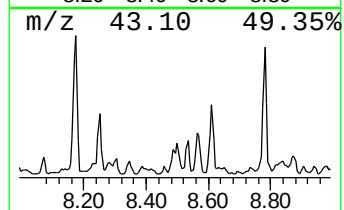
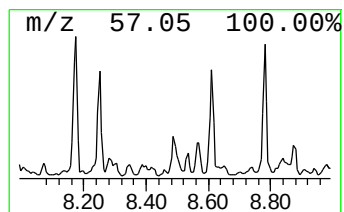
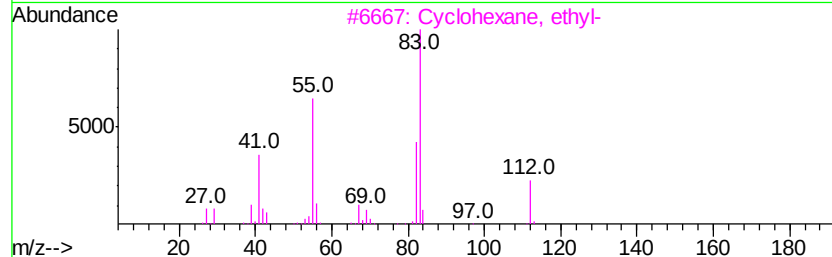
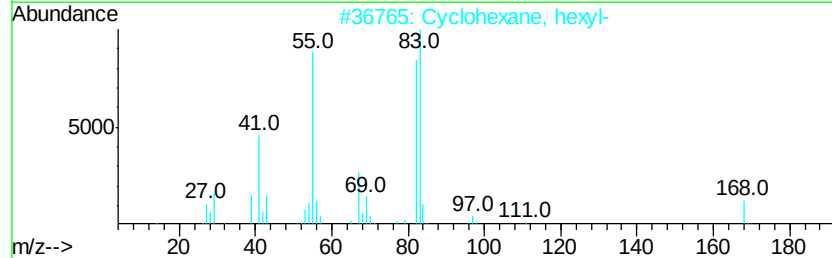
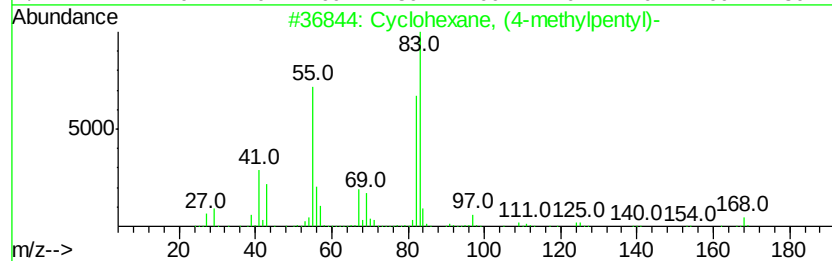
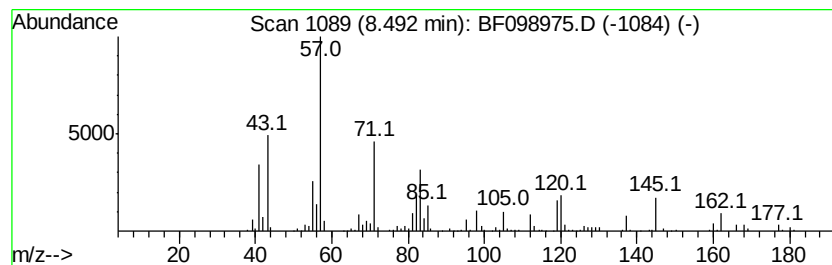
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.49 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	16.08 ng	833281	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	35
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	35
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
5		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

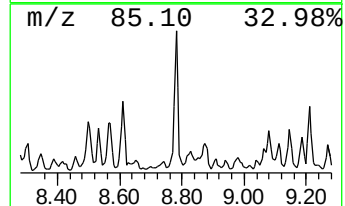
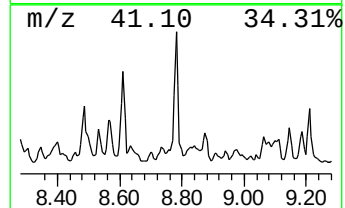
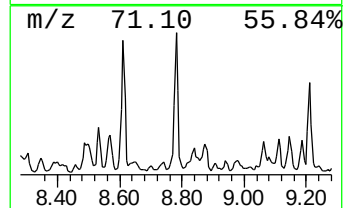
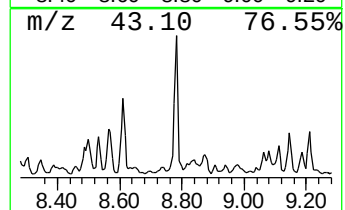
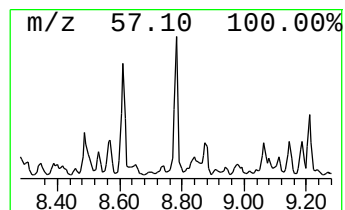
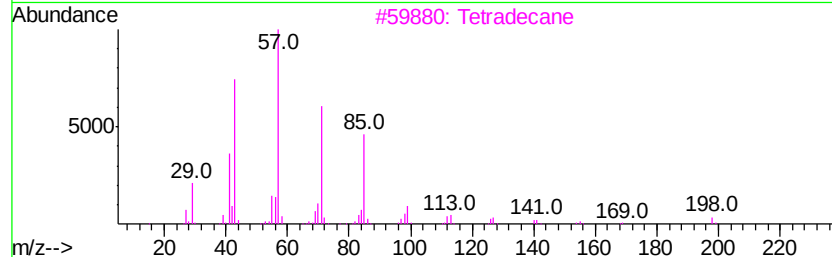
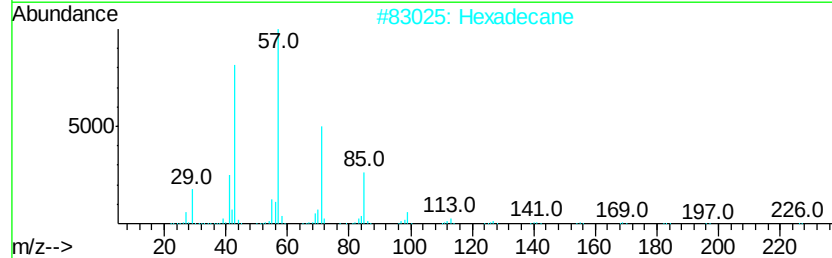
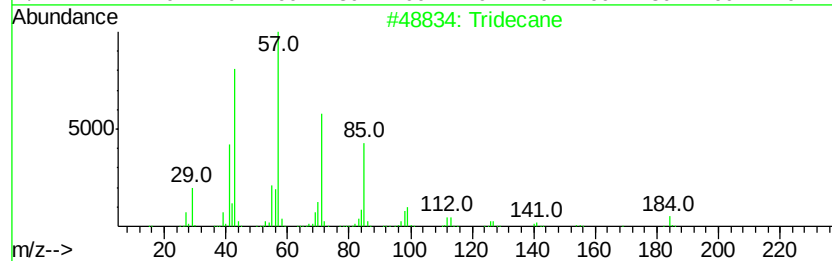
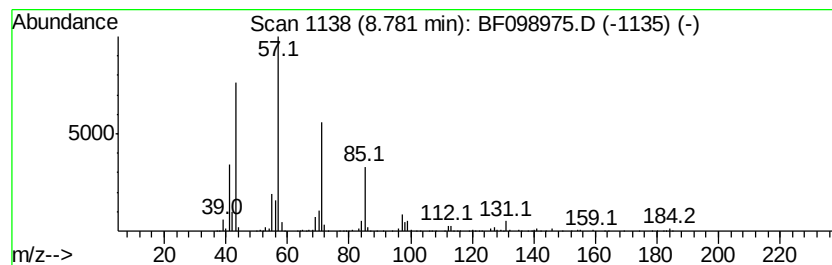
Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

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 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	21.98 ng	1138890	Napthalene-d8	8.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	96
2	Hexadecane	226 C16H34	000544-76-3	86
3	Tetradecane	198 C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	78
5	Undecane, 6-ethyl-	184 C13H28	017312-60-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

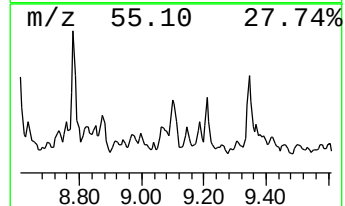
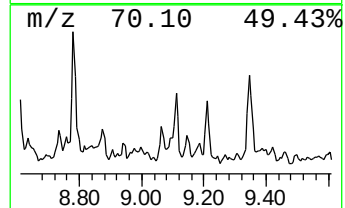
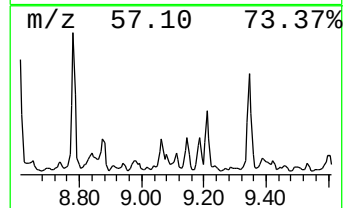
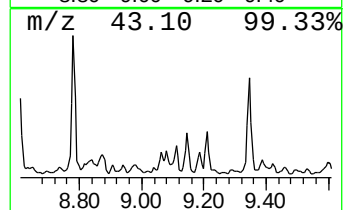
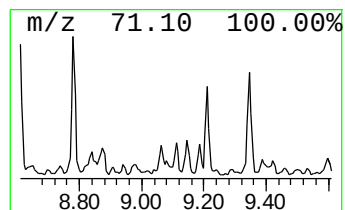
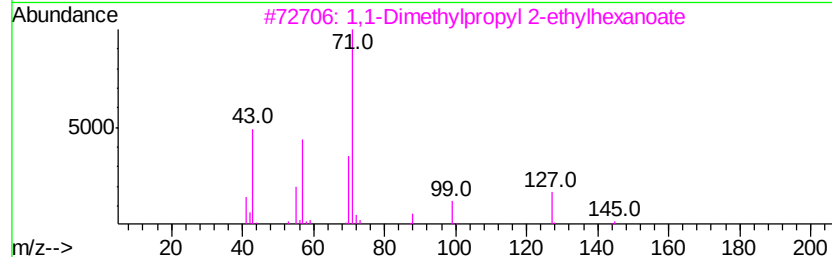
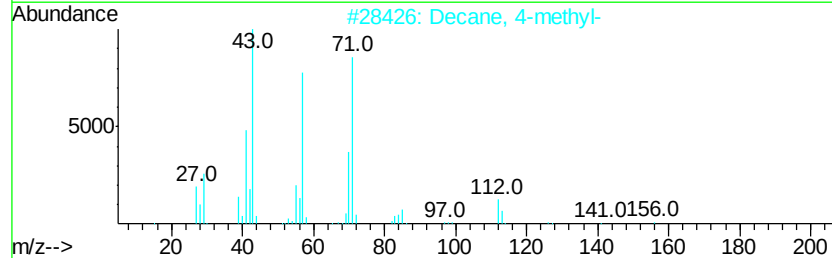
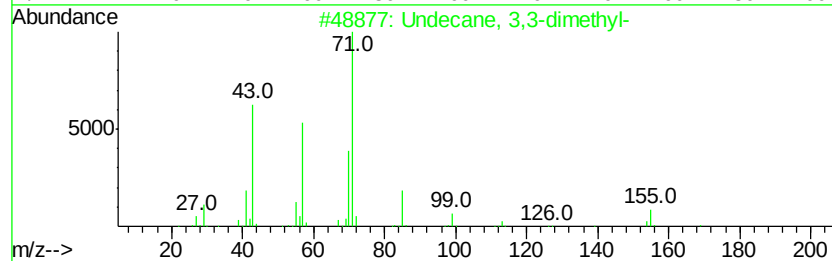
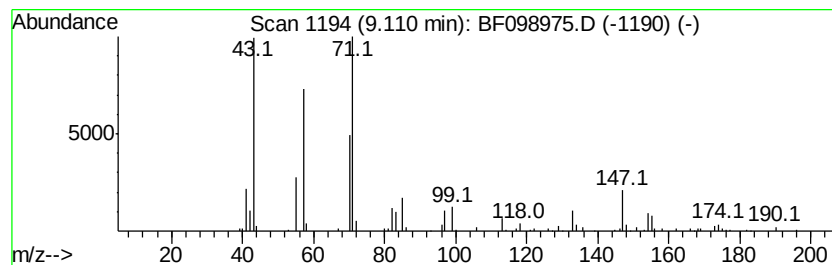
Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

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 16 Undecane, 3,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	9.73 ng	402461	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,3-dimethyl-	184 C13H28	017312-65-1	53
2	Decane, 4-methyl-	156 C11H24	002847-72-5	52
3	1,1-Dimethylpropyl 2-ethylhexanoate	214 C13H26O2	1000099-99-2	50
4	Oxalic acid, 2-ethylhexyl pentyl...	272 C15H28O4	1000309-38-7	50
5	Decane, 3,3,5-trimethyl-	184 C13H28	062338-13-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

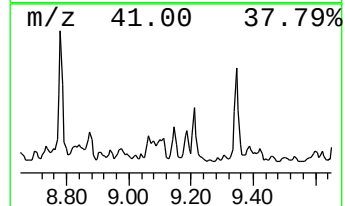
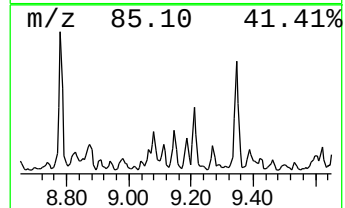
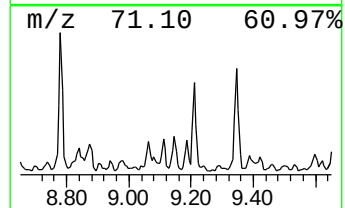
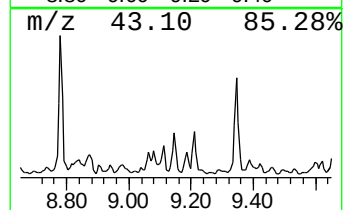
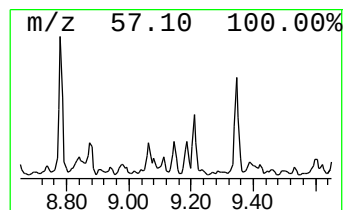
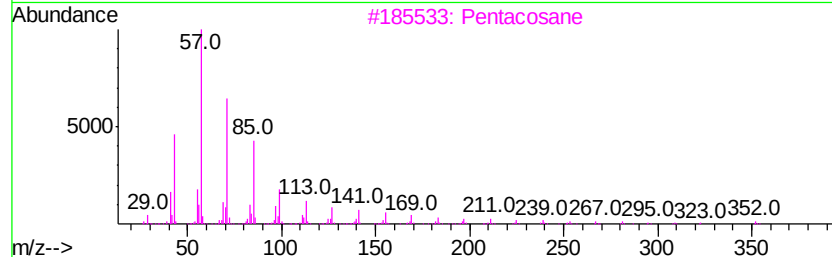
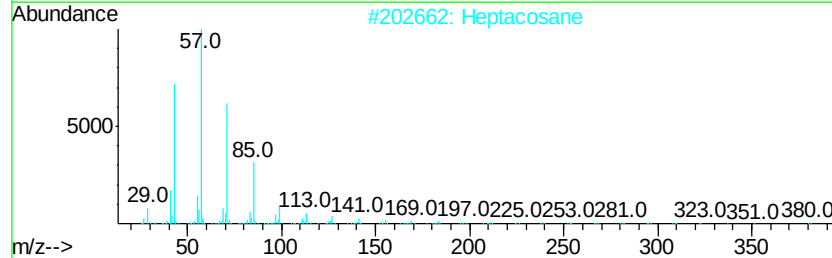
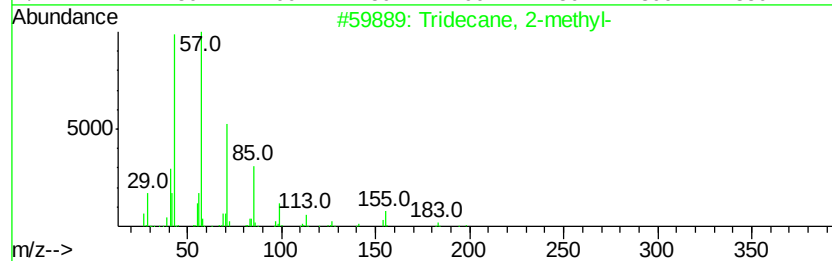
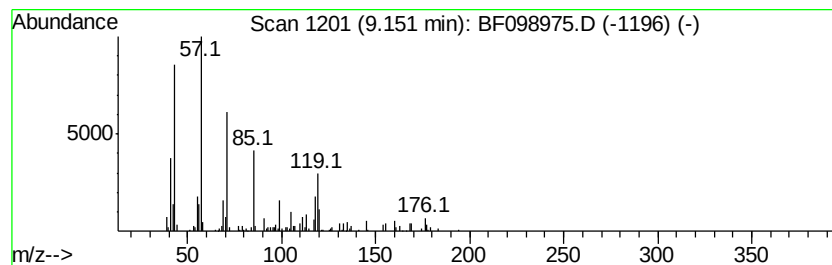
Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

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 17 Tridecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.15	12.43 ng	514055	Acenaphthene-d10	9.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
2	Heptacosane	380	C27H56	000593-49-7	59
3	Pentacosane	352	C25H52	000629-99-2	59
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
5	1-Iodoundecane	282	C11H23I	004282-44-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098975.D
Acq On : 30 Sep 2017 21:02
Operator : SJ/JU
Sample : I5551-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-A

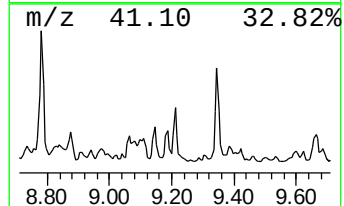
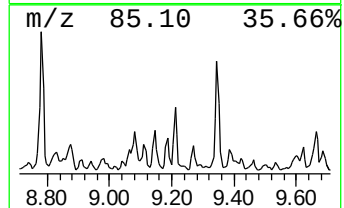
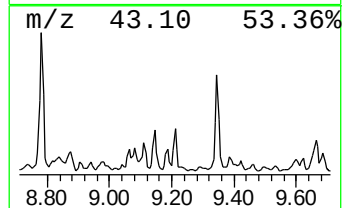
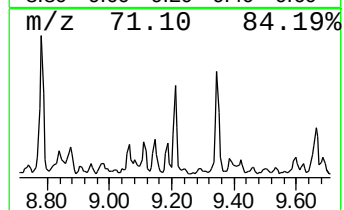
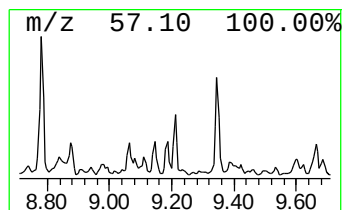
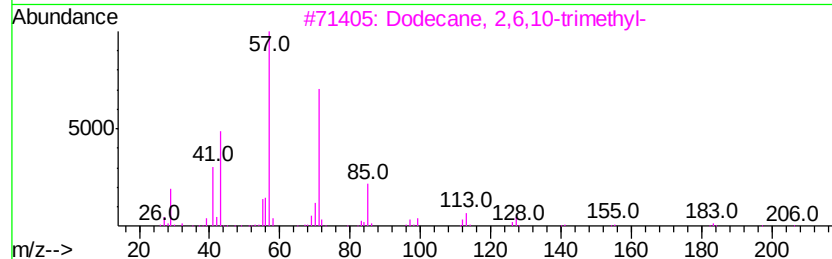
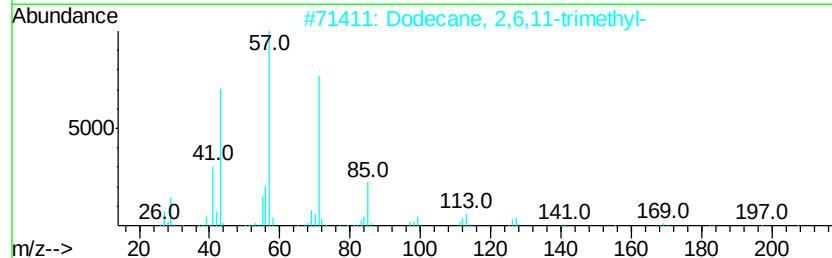
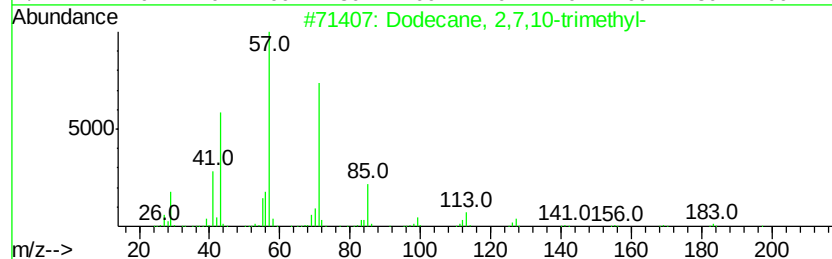
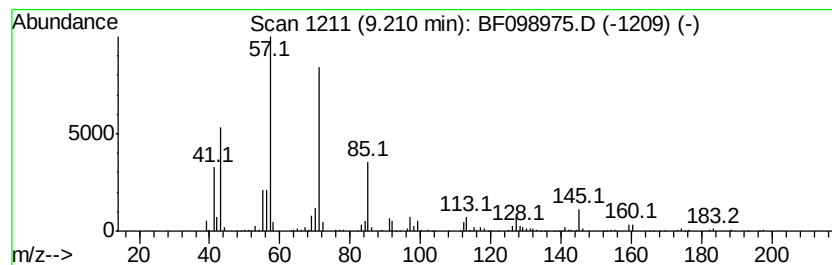
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	12.74 ng	526775	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
 Data File : BF098975.D
 Acq On : 30 Sep 2017 21:02
 Operator : SJ/JU
 Sample : I5551-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-A

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
unknown6.68	6.68	10.6	ng	587021	1	6.92	1112860	20.0
Hexadecane	6.75	14.8	ng	825341	1	6.92	1112860	20.0
Benzene, 1-methyl...	7.19	10.0	ng	556660	1	6.92	1112860	20.0
Decane, 3-methyl-	7.29	11.2	ng	620506	1	6.92	1112860	20.0
unknown7.56	7.56	12.9	ng	714914	1	6.92	1112860	20.0
unknown7.61	7.61	15.1	ng	780892	2	8.20	1036380	20.0
Naphthalene, deca...	7.84	9.6	ng	498173	2	8.20	1036380	20.0
Octane, 2,3,3-tri...	7.87	11.1	ng	573159	2	8.20	1036380	20.0
Undecane, 4-methyl-	7.90	9.5	ng	493834	2	8.20	1036380	20.0
Undecane, 2-methyl-	7.94	17.5	ng	904852	2	8.20	1036380	20.0
Undecane, 2,6-dim...	8.25	18.9	ng	981618	2	8.20	1036380	20.0
unknown8.49	8.49	16.1	ng	833281	2	8.20	1036380	20.0
Tridecane	8.78	22.0	ng	1138890	2	8.20	1036380	20.0
Undecane, 3,3-dim...	9.11	9.7	ng	402461	3	9.96	827144	20.0
Tridecane, 2-methyl-	9.15	12.4	ng	514055	3	9.96	827144	20.0
Dodecane, 2,7,10-...	9.21	12.7	ng	526775	3	9.96	827144	20.0