

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
 Data File : BF098613.D
 Acq On : 18 Sep 2017 20:27
 Operator : SJ/JU
 Sample : I5265-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46

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-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	461	465	477	rBV	206661	341638	11.13%	0.495%
2	5.246	533	537	556	rBV	2835098	3060274	99.69%	4.437%
3	6.293	710	715	718	rBV	2831213	2949682	96.09%	4.276%
4	6.410	731	735	738	rBV	3548089	3069662	100.00%	4.450%
5	6.634	769	773	778	rVB	880068	756275	24.64%	1.096%
6	6.751	790	793	795	rVV	111822	100589	3.28%	0.146%
7	6.792	795	800	803	rVV	2058846	2092673	68.17%	3.034%
8	7.204	867	870	874	rBV	1753687	1805155	58.81%	2.617%
9	7.287	878	884	887	rVB5	141611	258890	8.43%	0.375%
10	7.328	887	891	899	rBV5	134292	273879	8.92%	0.397%
11	7.439	907	910	913	rVB	343859	338975	11.04%	0.491%
12	7.475	913	916	921	rBV	133810	149702	4.88%	0.217%
13	7.528	921	925	928	rBV3	327564	496460	16.17%	0.720%
14	7.622	939	941	946	rVB2	131104	147539	4.81%	0.214%
15	7.681	946	951	953	rBV3	222354	328529	10.70%	0.476%
16	7.739	957	961	965	rBV	281637	353596	11.52%	0.513%
17	7.822	973	975	977	rVV2	136645	109002	3.55%	0.158%
18	7.875	978	984	985	rVV2	389139	511127	16.65%	0.741%
19	7.916	985	991	994	rVV	1275302	1737160	56.59%	2.518%
20	7.945	994	996	998	rVV3	243836	258653	8.43%	0.375%
21	7.969	998	1000	1001	rVV2	273530	257289	8.38%	0.373%
22	7.987	1001	1003	1005	rVV	445789	366642	11.94%	0.532%
23	8.022	1005	1009	1015	rVB5	265387	552279	17.99%	0.801%
24	8.081	1015	1019	1021	rBV	252608	325954	10.62%	0.473%
25	8.122	1024	1026	1029	rVV3	263148	311565	10.15%	0.452%
26	8.151	1029	1031	1034	rVB3	288194	256795	8.37%	0.372%
27	8.210	1039	1041	1044	rVB2	549892	479492	15.62%	0.695%
28	8.239	1044	1046	1049	rBV	188918	164594	5.36%	0.239%
29	8.269	1049	1051	1054	rVB4	196560	183894	5.99%	0.267%
30	8.310	1054	1058	1060	rBV3	345543	347036	11.31%	0.503%
31	8.351	1060	1065	1069	rBV	1545436	2071544	67.48%	3.003%
32	8.457	1080	1083	1085	rBV3	250782	269608	8.78%	0.391%
33	8.481	1085	1087	1089	rVV3	228589	231829	7.55%	0.336%
34	8.510	1089	1092	1097	rVV3	537687	814768	26.54%	1.181%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
 Data File : BF098613.D
 Acq On : 18 Sep 2017 20:27
 Operator : SJ/JU
 Sample : I5265-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46

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-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.557	1097	1100	1102	rVV2	425808	538799	17.55%	0.781%
36	8.610	1106	1109	1112	rVB2	664862	850517	27.71%	1.233%
37	8.657	1112	1117	1119	rBV5	259641	421896	13.74%	0.612%
38	8.710	1124	1126	1128	rBV	214693	230885	7.52%	0.335%
39	8.775	1134	1137	1139	rBV	344822	284118	9.26%	0.412%
40	8.798	1139	1141	1143	rVV3	289700	246490	8.03%	0.357%
41	8.828	1143	1146	1150	rVB	1031907	963816	31.40%	1.397%
42	8.869	1150	1153	1154	rBV2	146722	165505	5.39%	0.240%
43	8.886	1154	1156	1160	rVB2	253503	218431	7.12%	0.317%
44	8.945	1163	1166	1169	rVV	1634022	1370614	44.65%	1.987%
45	8.998	1171	1175	1178	rVB	3307177	2665149	86.82%	3.864%
46	9.028	1178	1180	1182	rBV2	107923	107878	3.51%	0.156%
47	9.092	1186	1191	1194	rBV2	596370	765968	24.95%	1.110%
48	9.145	1198	1200	1201	rBV	286323	200801	6.54%	0.291%
49	9.198	1206	1209	1211	rVB2	340490	358789	11.69%	0.520%
50	9.245	1213	1217	1219	rBV3	256095	312279	10.17%	0.453%
51	9.269	1219	1221	1223	rVV	414663	303276	9.88%	0.440%
52	9.357	1234	1236	1238	rBV2	216195	191750	6.25%	0.278%
53	9.404	1240	1244	1246	rVV2	2637332	2574220	83.86%	3.732%
54	9.428	1246	1248	1251	rVB2	490121	416977	13.58%	0.605%
55	9.486	1255	1258	1260	rBV2	312655	292404	9.53%	0.424%
56	9.545	1264	1268	1271	rBV3	173188	332009	10.82%	0.481%
57	9.581	1271	1274	1276	rBV2	441457	425026	13.85%	0.616%
58	9.610	1276	1279	1283	rBV3	270238	415852	13.55%	0.603%
59	9.645	1283	1285	1287	rBV	506137	475816	15.50%	0.690%
60	9.669	1287	1289	1292	rVB	1129266	993837	32.38%	1.441%
61	9.710	1294	1296	1298	rBV2	341441	266199	8.67%	0.386%
62	9.781	1306	1308	1312	rVB	400606	333944	10.88%	0.484%
63	9.833	1313	1317	1320	rBV3	373441	556889	18.14%	0.807%
64	9.869	1320	1323	1326	rVV	421455	393251	12.81%	0.570%
65	9.933	1331	1334	1337	rBV2	651289	606421	19.76%	0.879%
66	10.051	1349	1354	1357	rBV2	363115	578242	18.84%	0.838%
67	10.163	1371	1373	1378	rVB2	354893	413645	13.48%	0.600%
68	10.228	1378	1384	1387	rBV	485203	897612	29.24%	1.301%
69	10.328	1397	1401	1404	rBV	1878541	1881439	61.29%	2.728%
70	10.463	1421	1424	1427	rBV	1566161	1327277	43.24%	1.924%
71	10.598	1441	1447	1450	rBV	2292335	2732094	89.00%	3.961%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
 Data File : BF098613.D
 Acq On : 18 Sep 2017 20:27
 Operator : SJ/JU
 Sample : I5265-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46

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-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.804	1480	1482	1485	rVB	306444	238739	7.78%	0.346%
73	11.057	1521	1525	1528	rVB	1504346	1497018	48.77%	2.170%
74	11.104	1531	1533	1537	rBV4	178309	243798	7.94%	0.353%
75	11.157	1539	1542	1555	rVB2	890484	1385613	45.14%	2.009%
76	11.404	1581	1584	1587	rVB	465642	426160	13.88%	0.618%
77	12.239	1723	1726	1731	rVB	937124	808512	26.34%	1.172%
78	12.610	1786	1789	1793	rVB	170276	138426	4.51%	0.201%
79	12.733	1806	1810	1813	rBV	2167850	1919656	62.54%	2.783%
80	12.939	1842	1845	1847	rBV	87432	102487	3.34%	0.149%
81	12.969	1847	1850	1853	rVV	888423	831960	27.10%	1.206%
82	13.627	1957	1962	1969	rBV2	1287520	1450832	47.26%	2.103%
83	13.786	1985	1989	1993	rVB	618178	596911	19.45%	0.865%
84	13.951	2013	2017	2023	rBV2	99583	161627	5.27%	0.234%
85	14.263	2066	2070	2076	rBV	1121204	1342685	43.74%	1.947%
86	14.568	2119	2122	2127	rVB2	104890	151797	4.95%	0.220%
87	14.874	2171	2174	2181	rVB	442097	612717	19.96%	0.888%
88	15.180	2222	2226	2232	rBV	505358	662268	21.57%	0.960%
89	15.580	2290	2294	2298	rBV	139078	192397	6.27%	0.279%
90	15.627	2298	2302	2310	rVV	387157	589437	19.20%	0.855%
91	16.027	2365	2370	2377	rBV	113179	182822	5.96%	0.265%
92	16.545	2452	2458	2467	rVB	88328	174654	5.69%	0.253%
93	16.639	2467	2474	2478	rBV8	41047	98685	3.21%	0.143%
94	16.980	2528	2532	2539	rBV8	48429	108470	3.53%	0.157%
95	17.157	2557	2562	2571	rVB3	66147	154996	5.05%	0.225%
96	17.474	2608	2616	2627	rVB2	356714	810462	26.40%	1.175%
97	17.692	2644	2653	2671	rVB2	506504	1316815	42.90%	1.909%
98	17.892	2681	2687	2697	rVB7	49757	134637	4.39%	0.195%
99	18.662	2812	2818	2824	rBV9	44849	110424	3.60%	0.160%
100	18.821	2836	2845	2858	rVB6	218386	649840	21.17%	0.942%

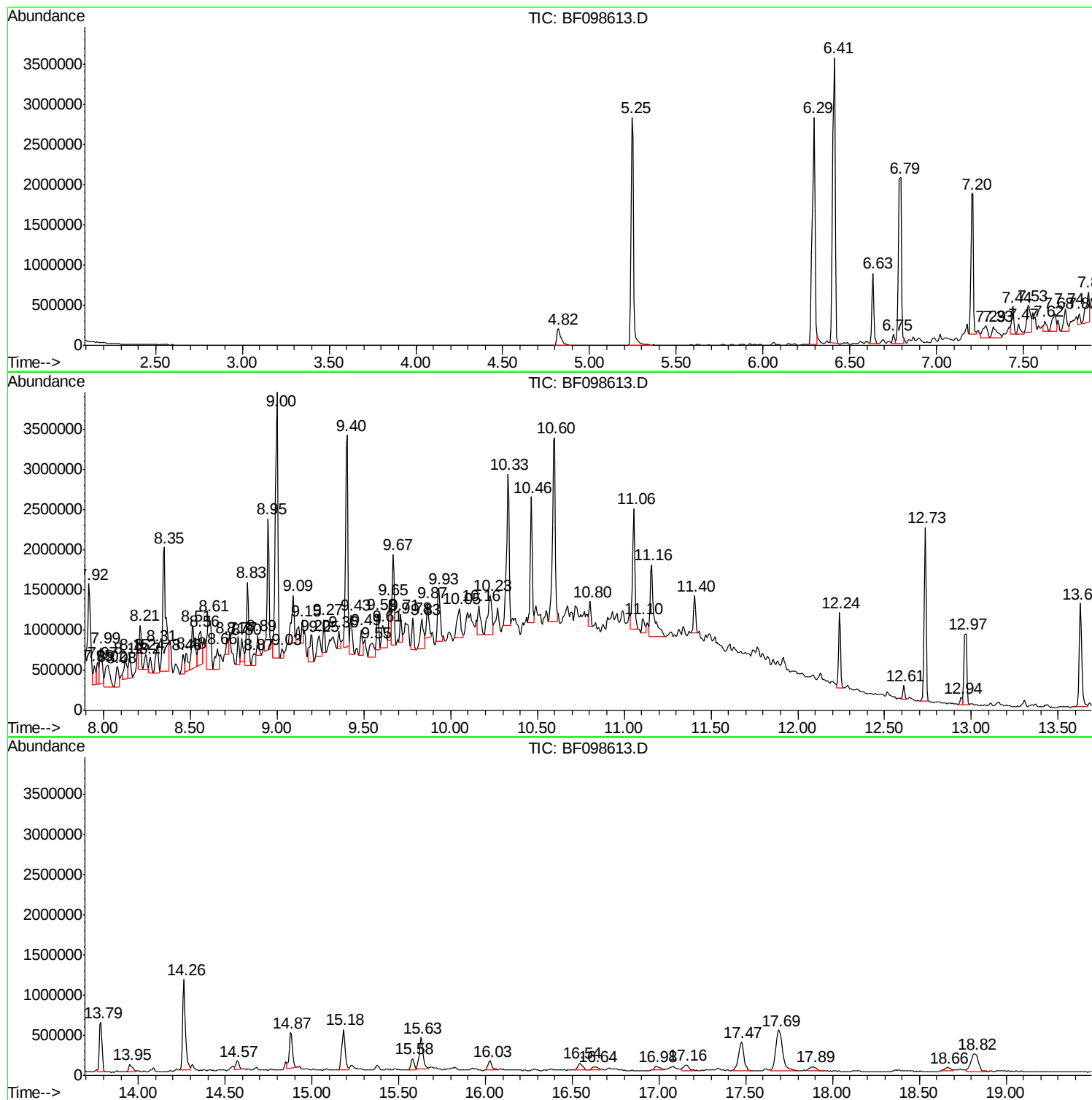
Sum of corrected areas: 68977709

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.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\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

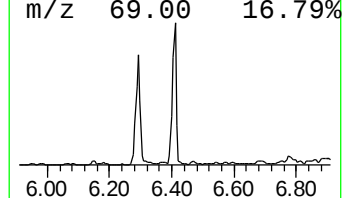
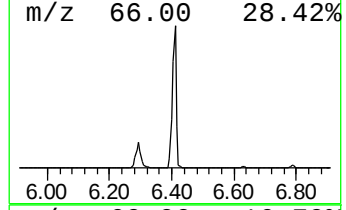
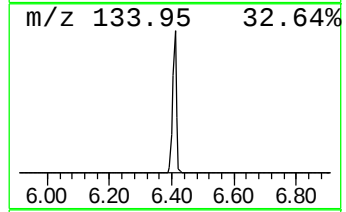
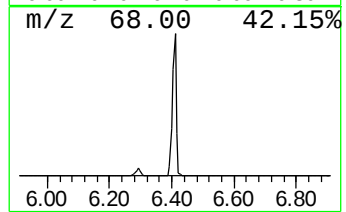
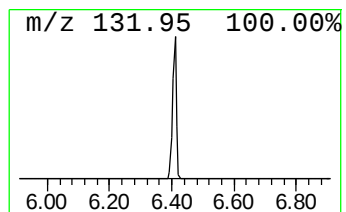
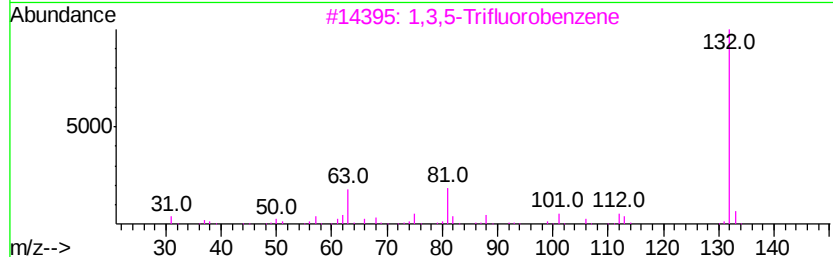
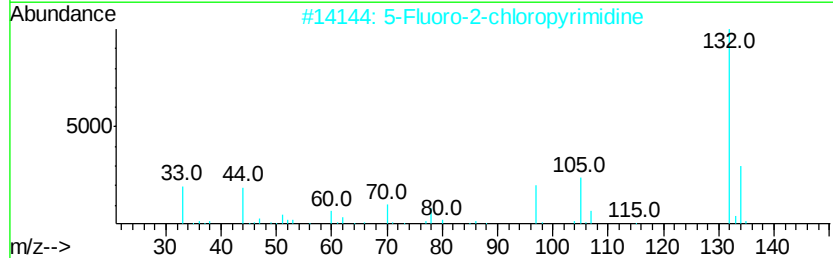
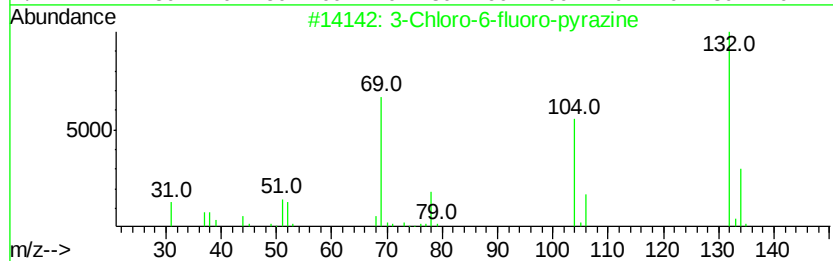
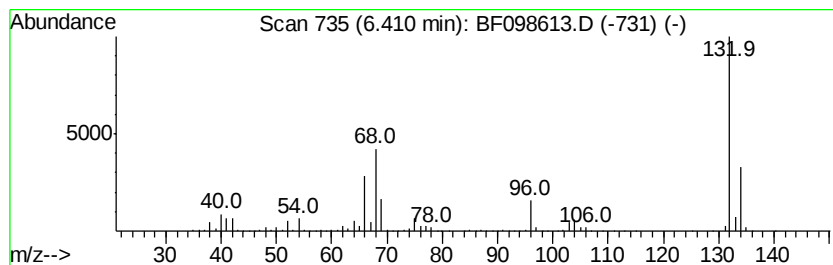
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	81.18 ng	3069660	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

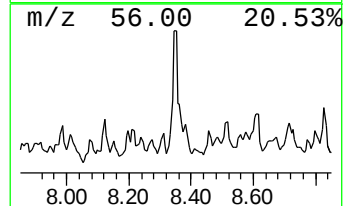
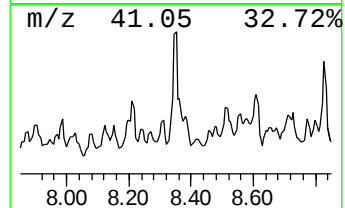
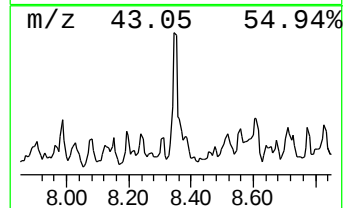
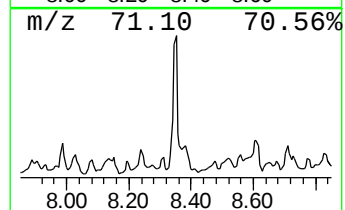
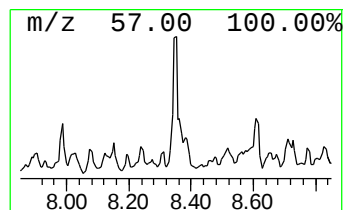
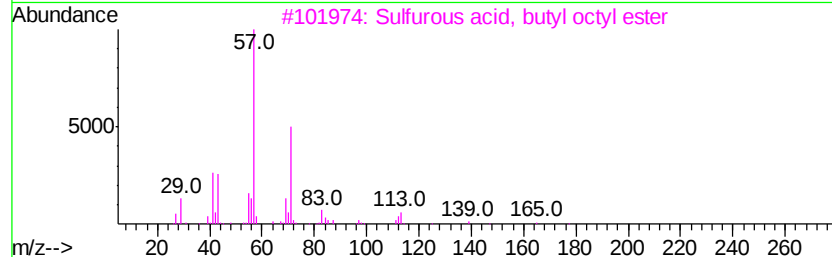
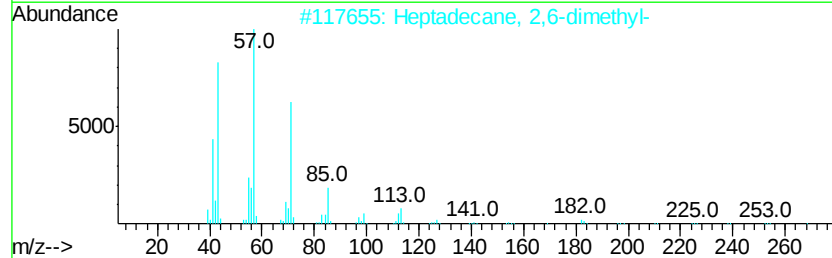
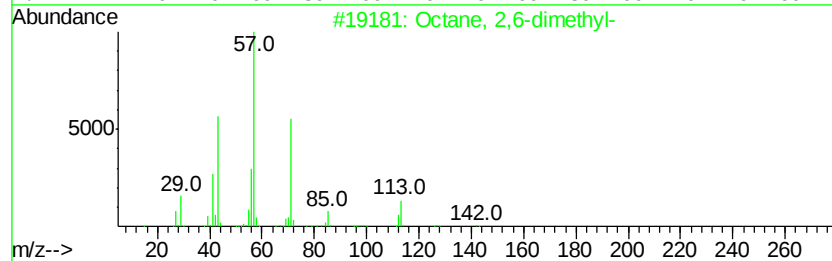
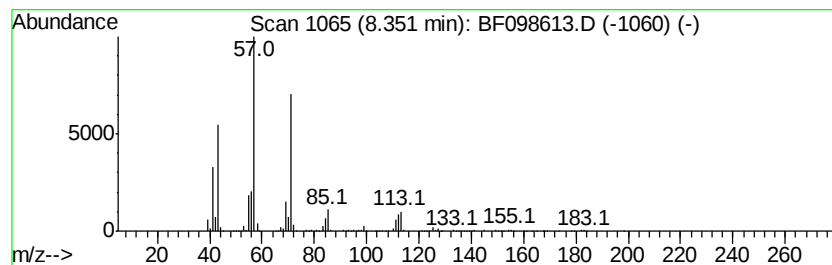
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	23.85 ng	2071540	Napthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-5D46

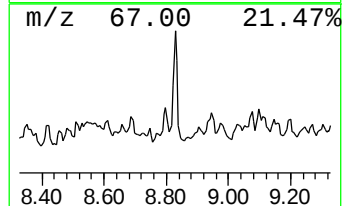
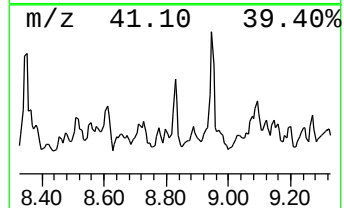
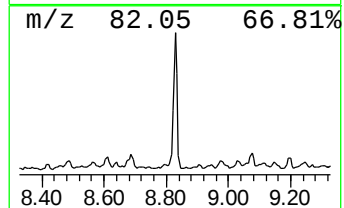
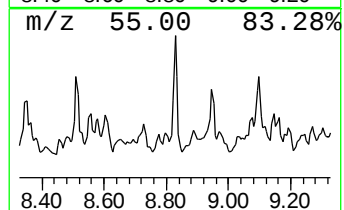
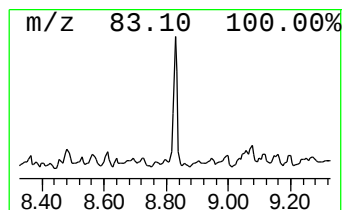
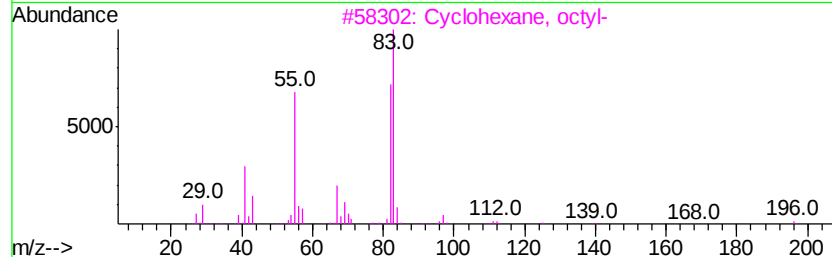
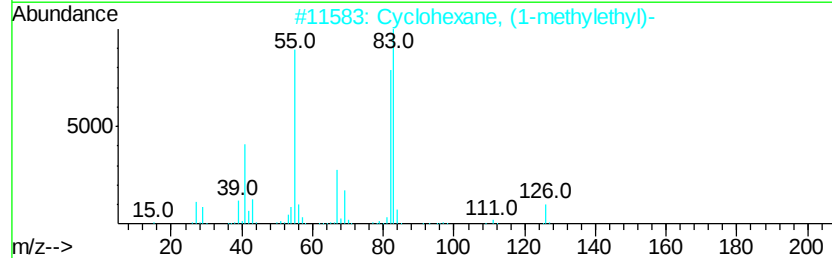
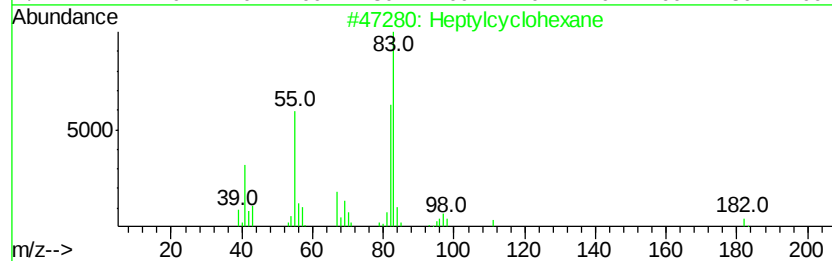
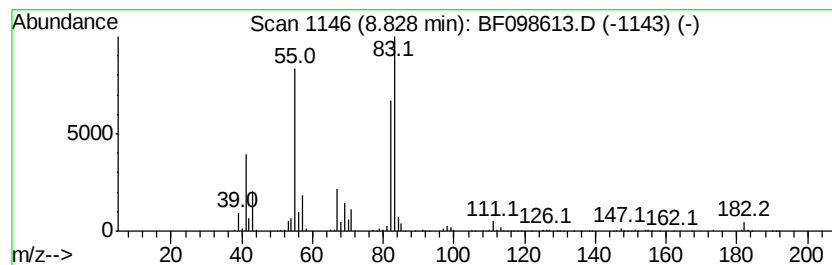
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptylcyclohexane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	19.40 ng	963816	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	80
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

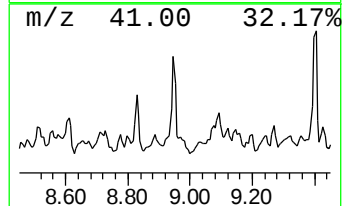
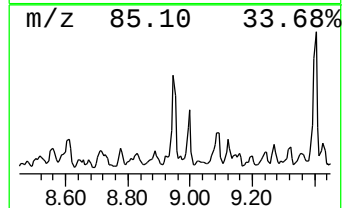
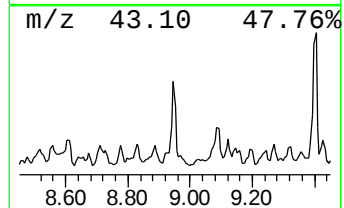
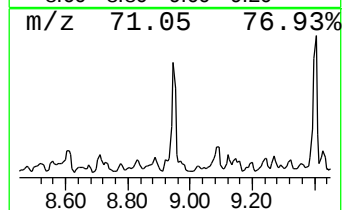
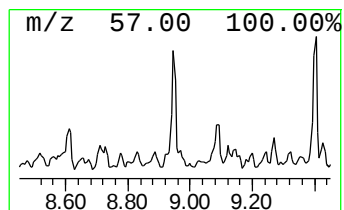
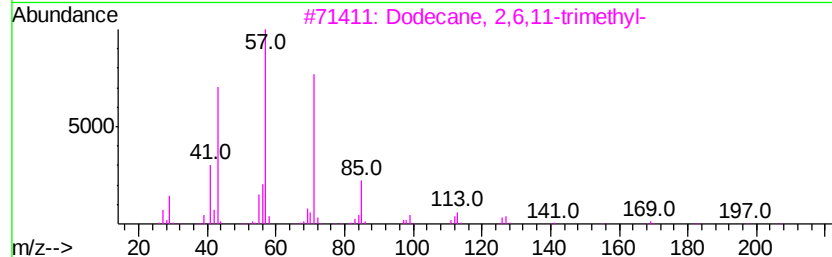
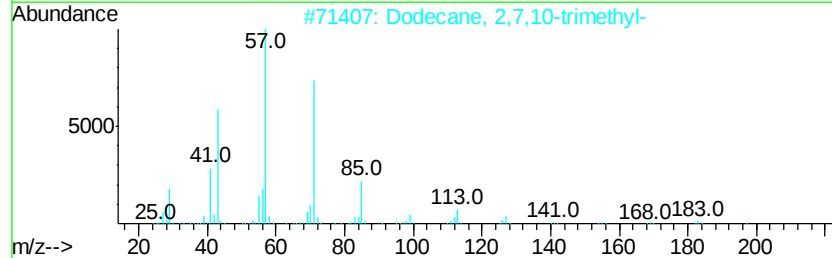
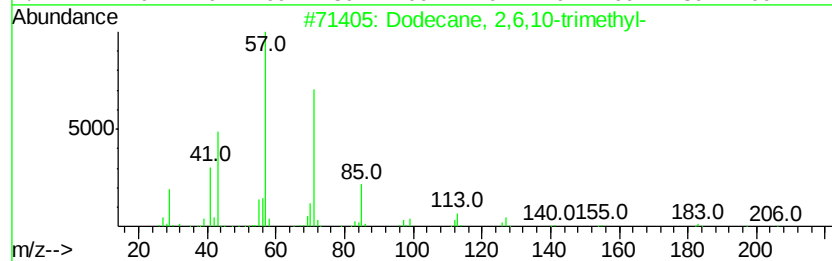
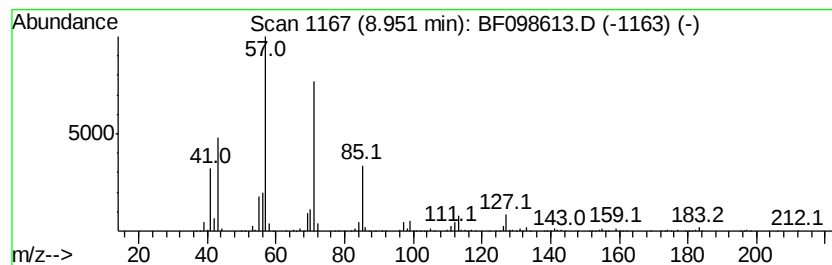
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	27.58 ng	1370610	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

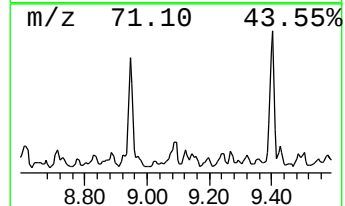
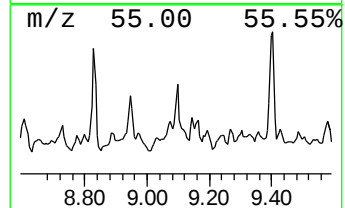
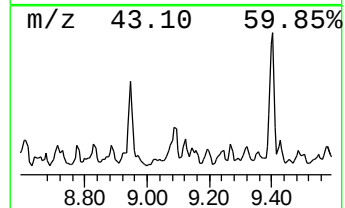
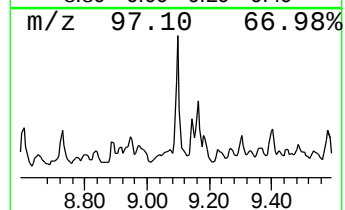
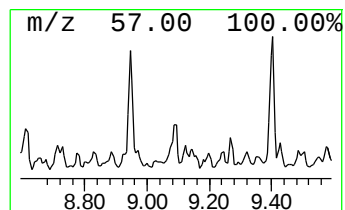
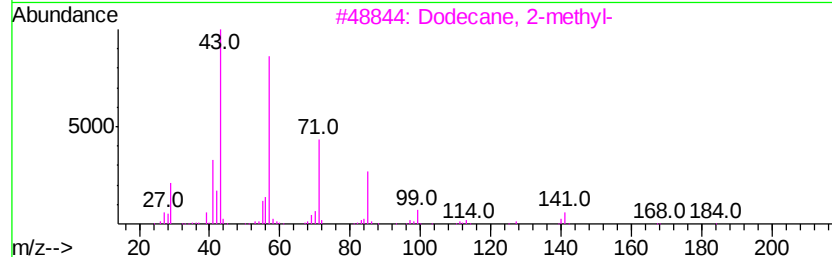
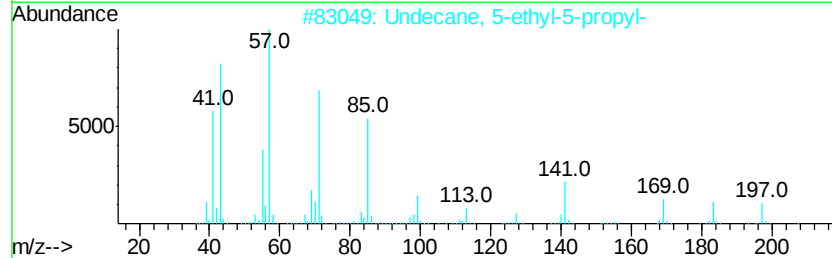
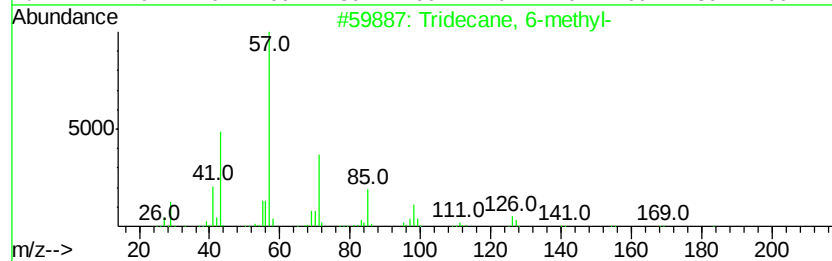
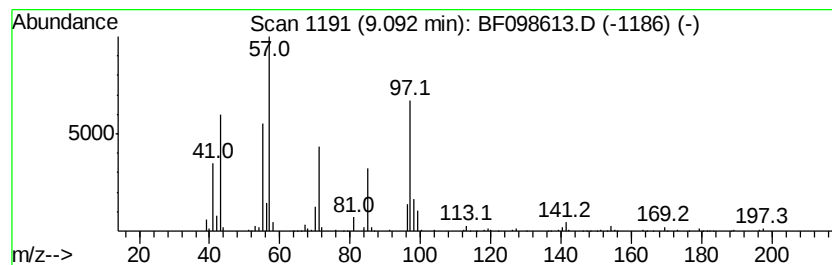
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	15.41 ng	765968	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
2		Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	43
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	43
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

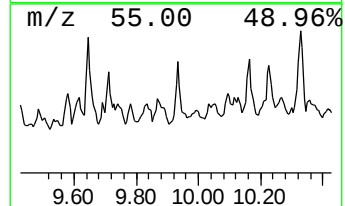
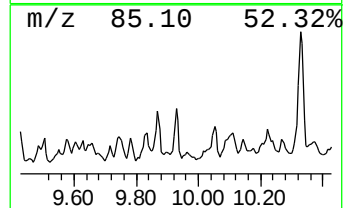
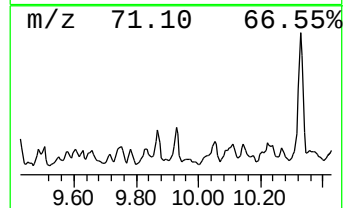
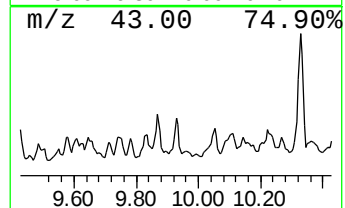
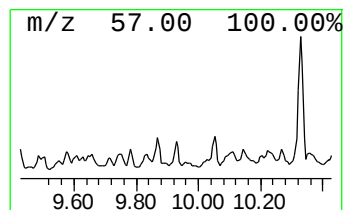
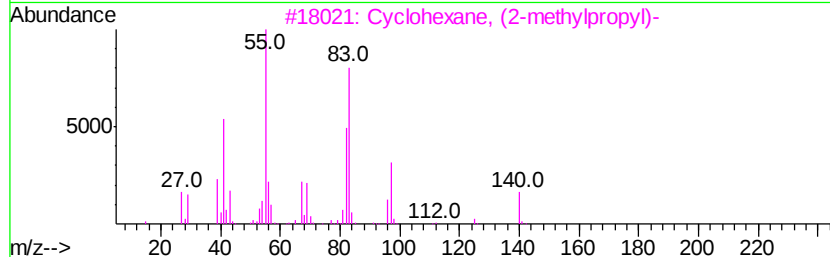
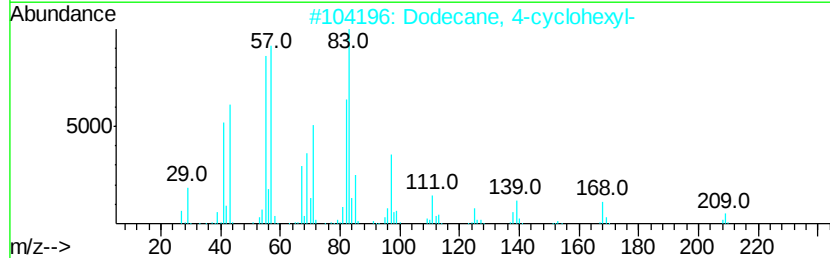
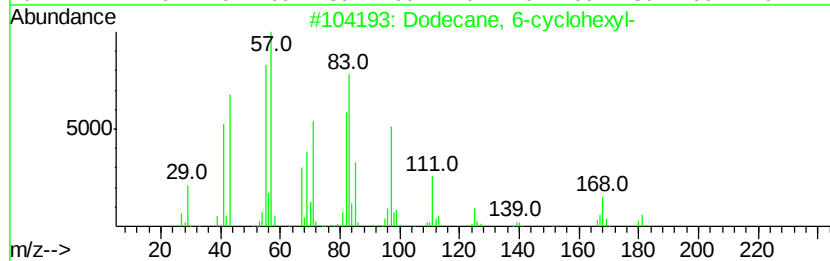
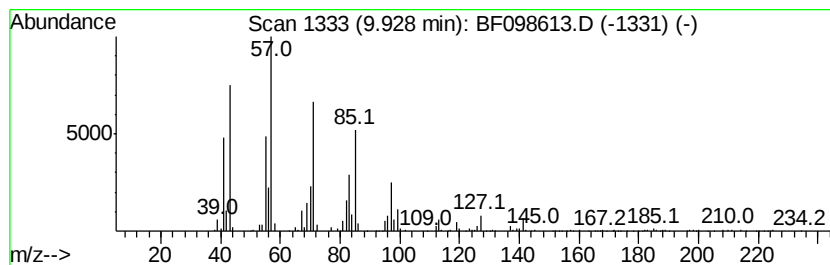
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 6-cyclohexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	12.20 ng	606421	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	80
2		Dodecane, 4-cyclohexyl-	252	C18H36	013151-84-3	72
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
4		Tritetracontane	605	C43H88	007098-21-7	38
5		Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

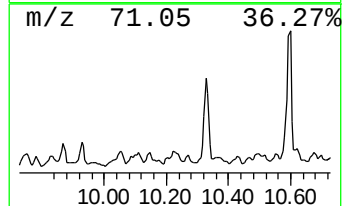
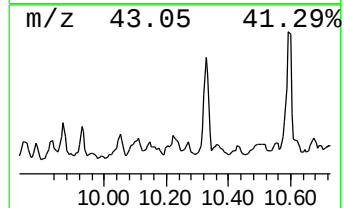
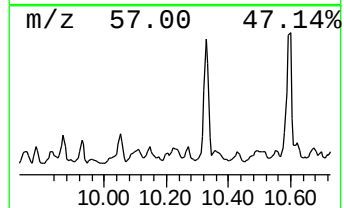
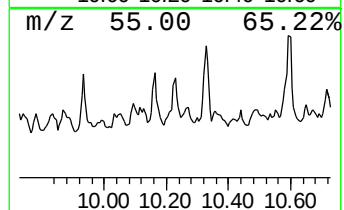
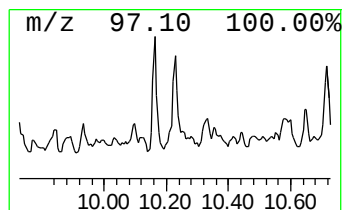
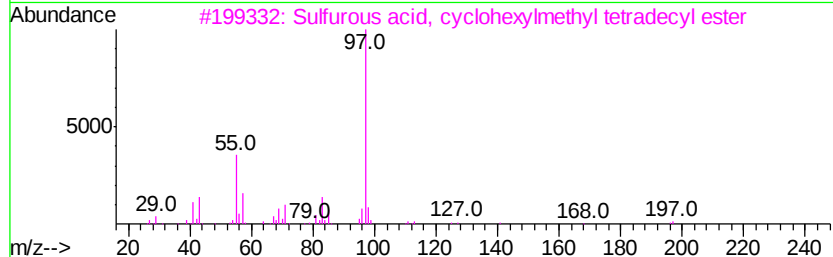
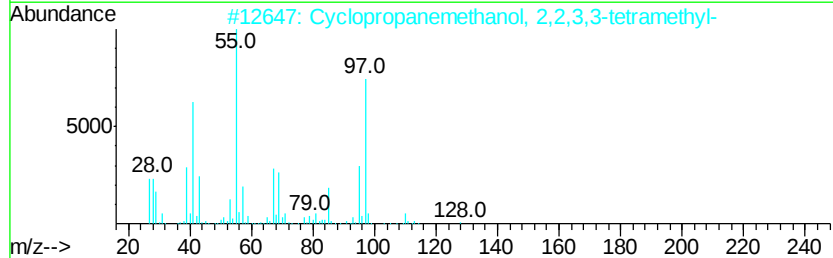
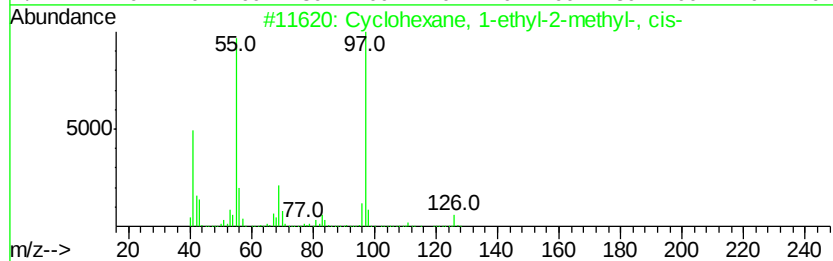
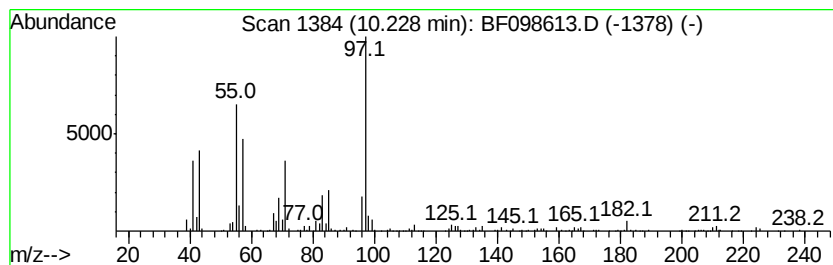
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	18.06 ng	897612	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
2		Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	53
3		Sulfurous acid, cyclohexylmethylv...	374	C21H42O3S	1000309-22-2	53
4		Sulfurous acid, cyclohexylmethylv...	332	C18H36O3S	1000309-21-9	53
5		Sulfurous acid, cyclohexylmethylv...	276	C14H28O3S	1000309-21-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

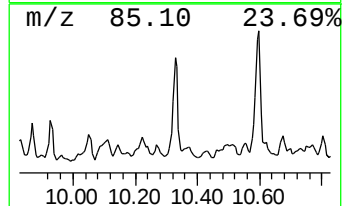
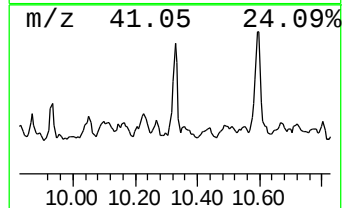
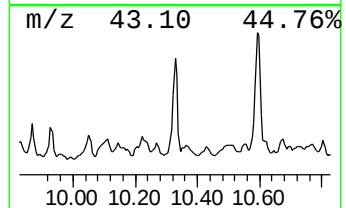
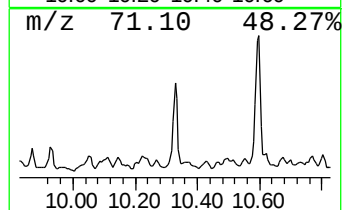
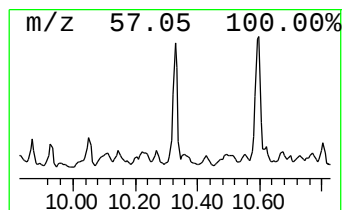
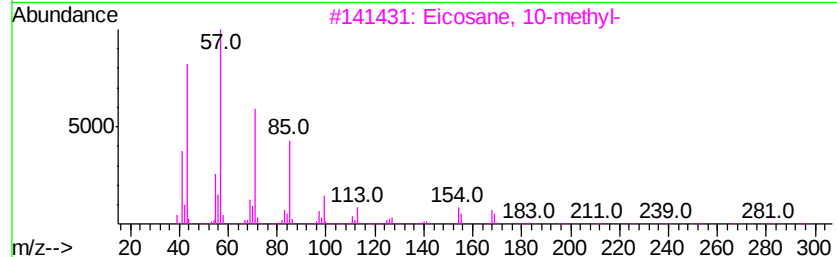
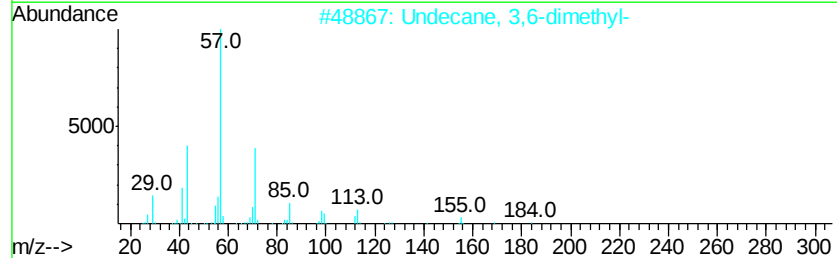
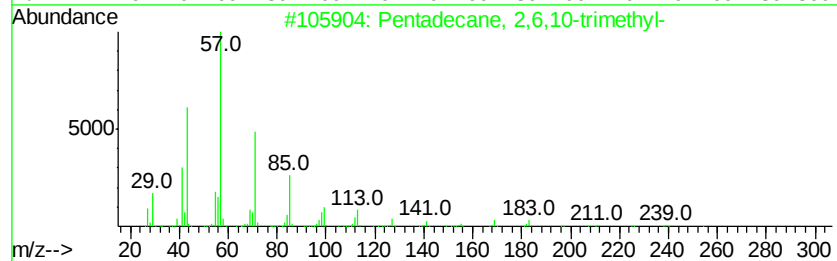
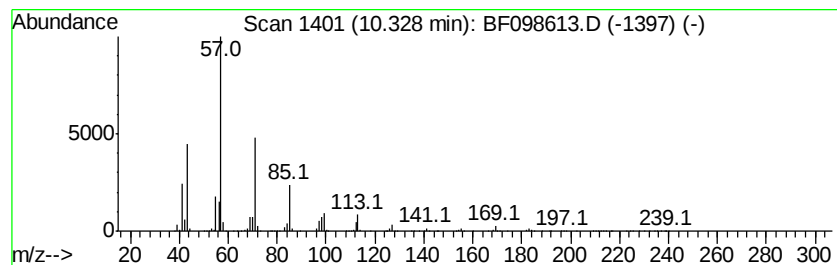
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	37.86 ng	1881440	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4		Hexadecane	226	C16H34	000544-76-3	72
5		Decane, 2-methyl-	156	C11H24	006975-98-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

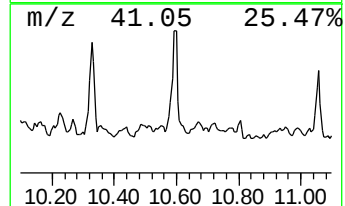
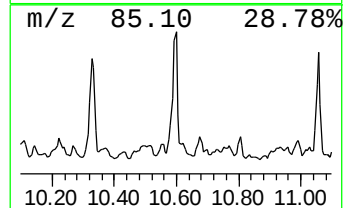
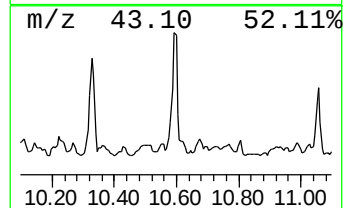
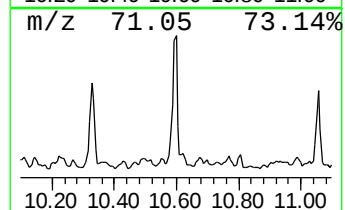
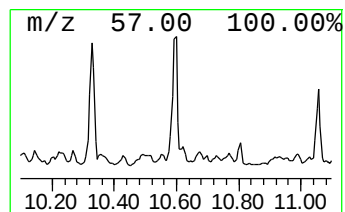
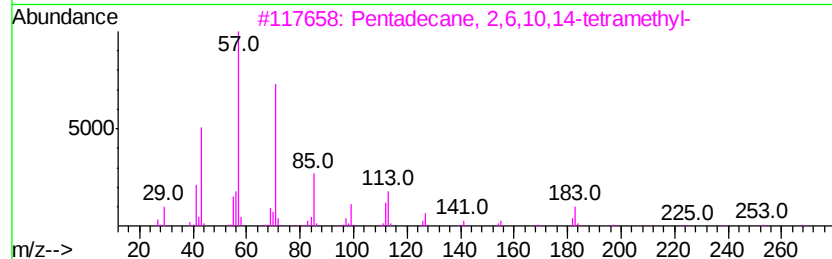
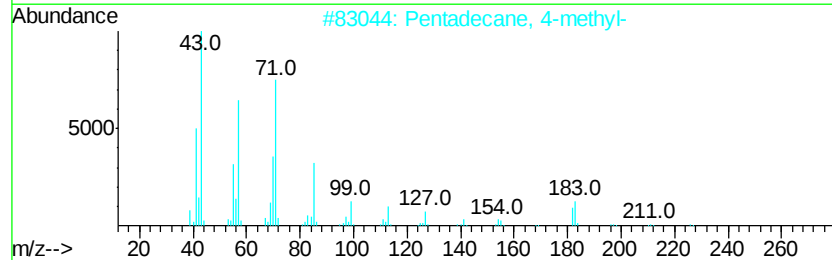
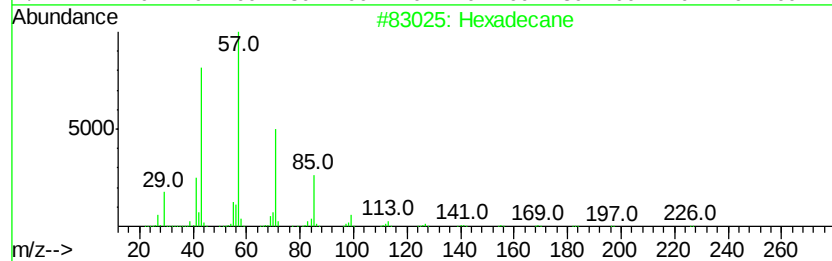
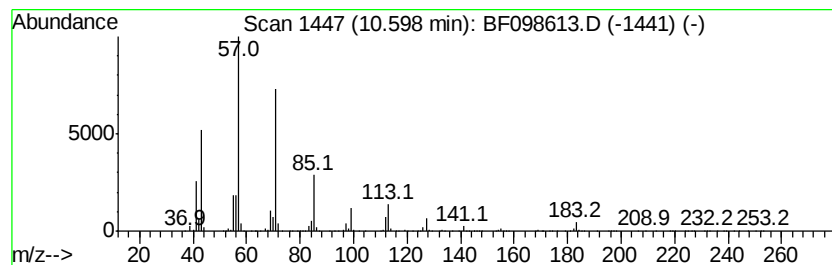
Instrument :
BNA_F
ClientSampleId :
TP-5D46

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.60	39.44 ng	2732090	Phenanthrene-d10	11.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	91
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

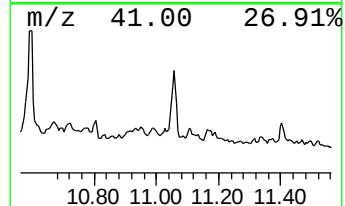
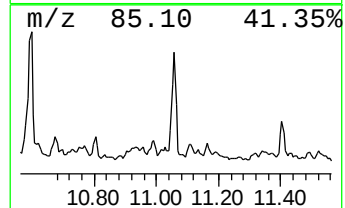
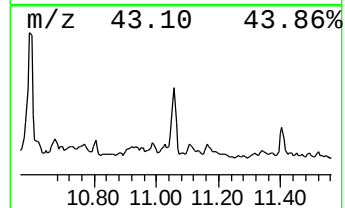
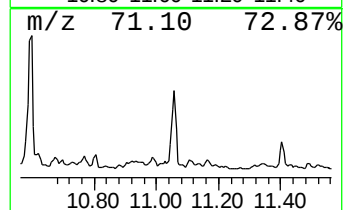
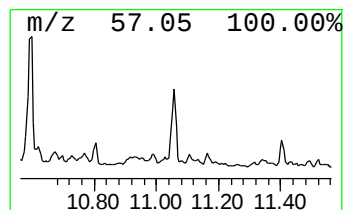
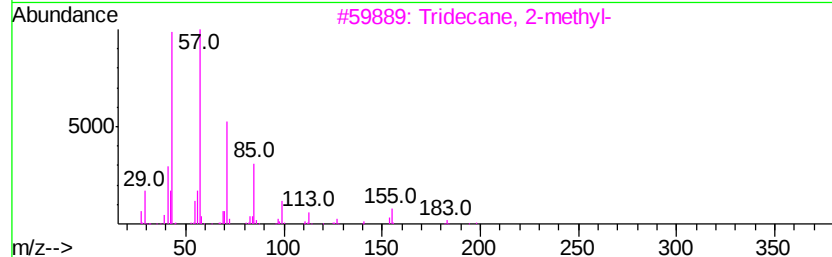
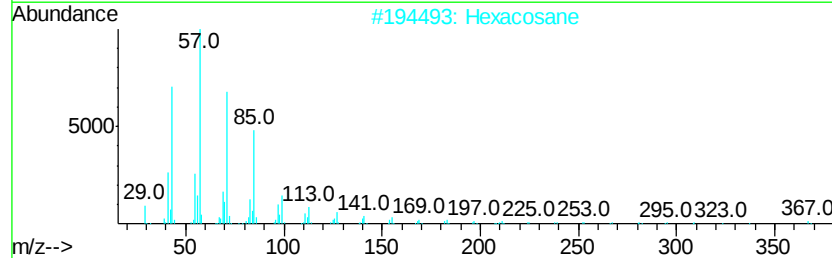
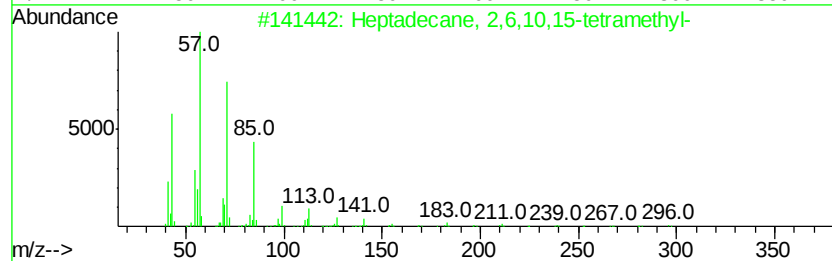
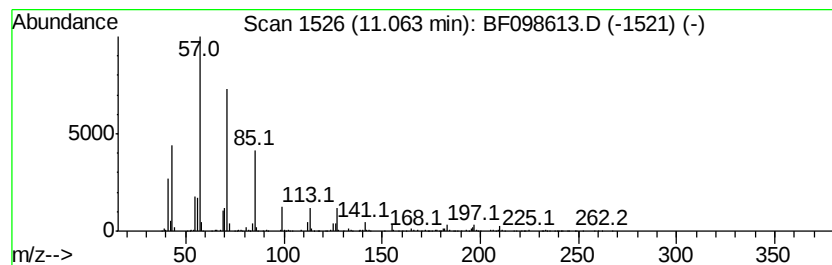
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	21.61 ng	1497020	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

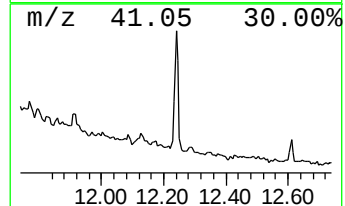
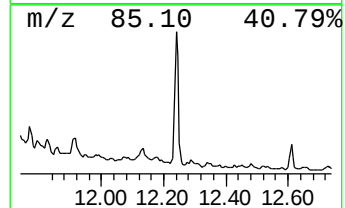
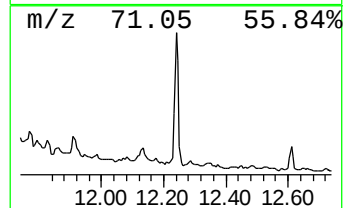
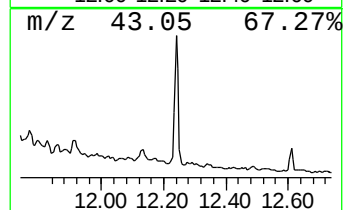
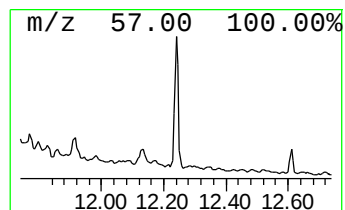
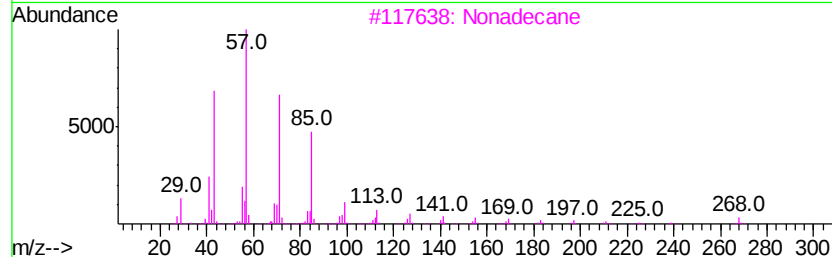
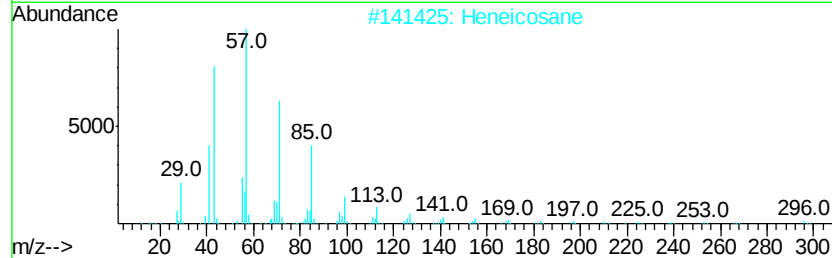
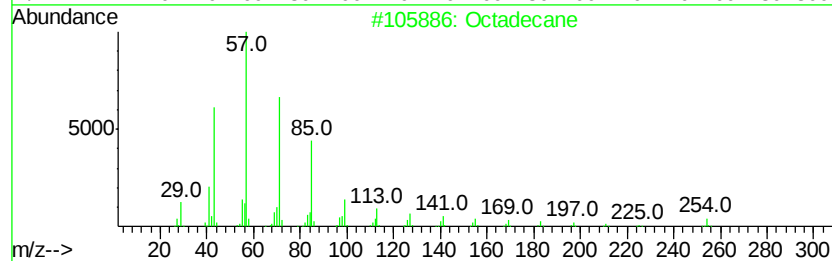
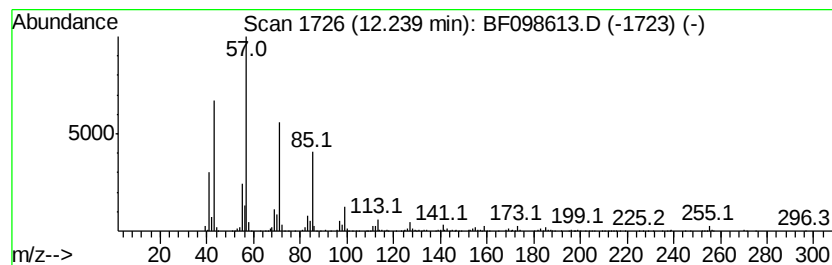
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	11.67 ng	808512	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

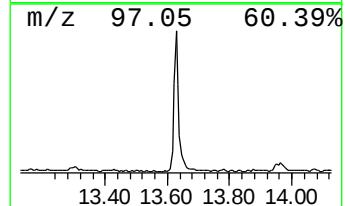
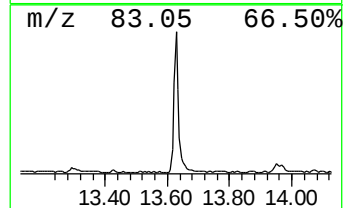
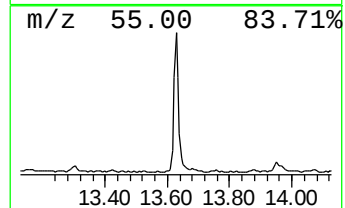
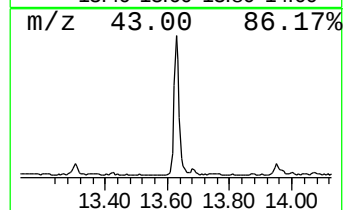
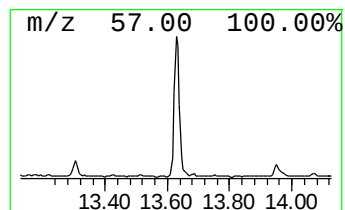
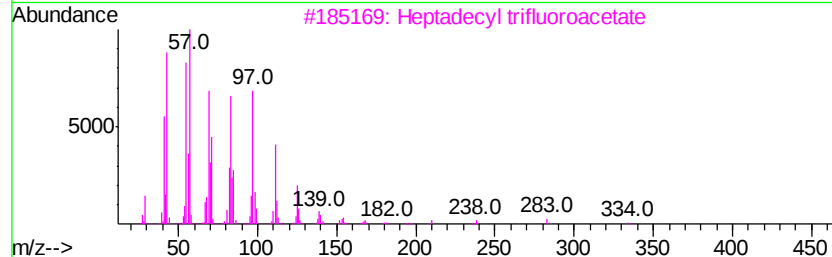
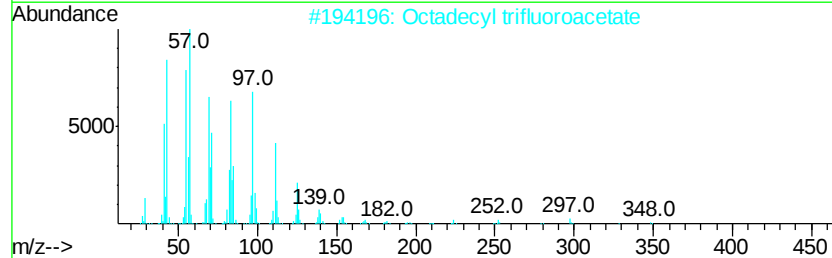
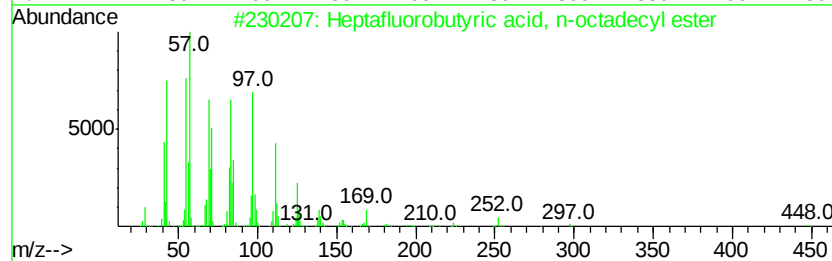
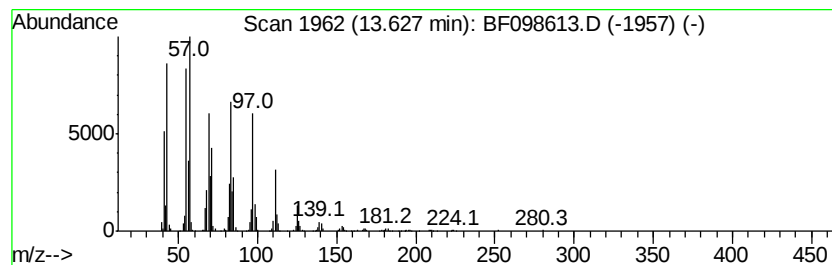
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	48.61 ng	1450830	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-octadecyl...	466	C22H37F7O2	000400-57-7	94
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5		Heptafluorobutyric acid, pentadecyl...	424	C19H31F7O2	959261-23-5	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

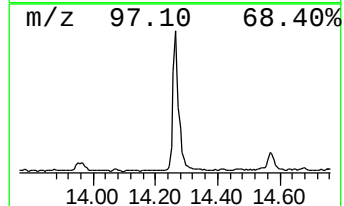
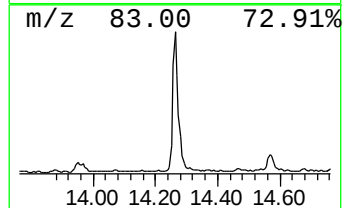
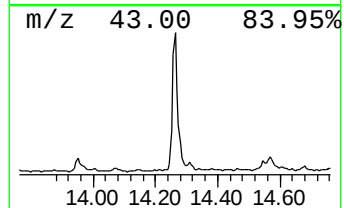
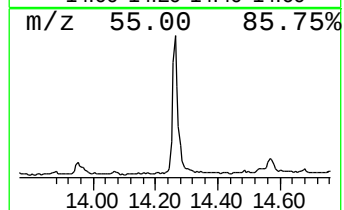
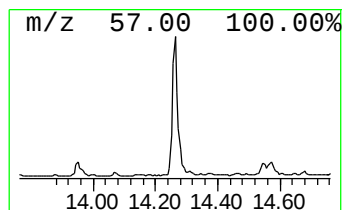
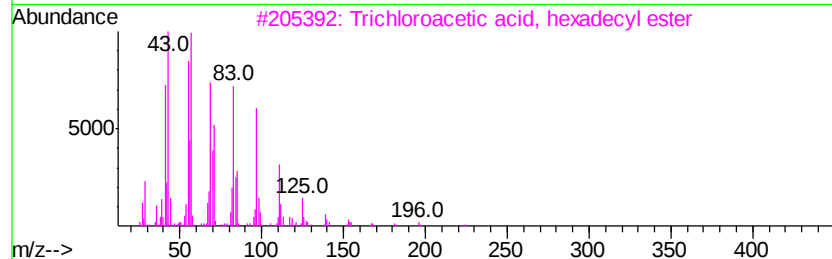
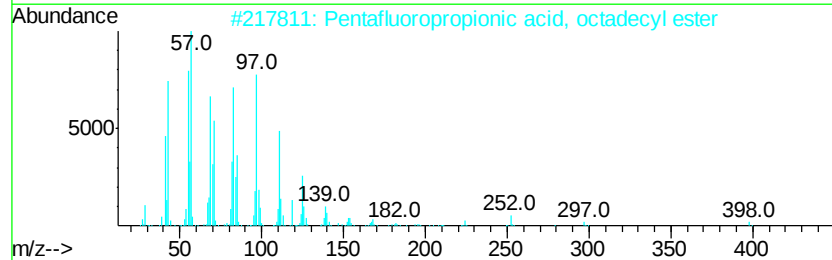
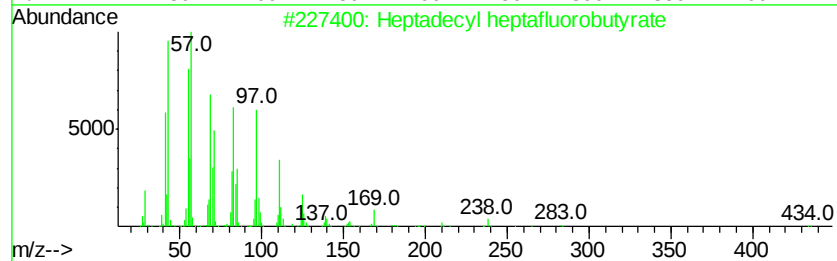
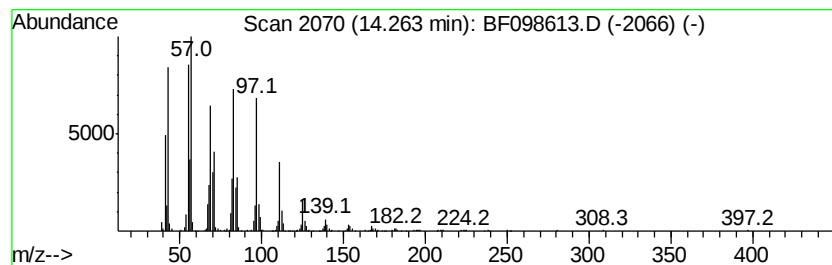
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	44.99 ng	1342690	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	94
3		Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	94
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

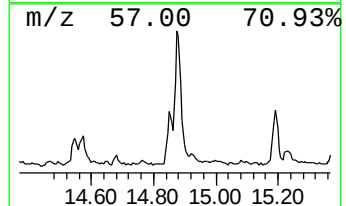
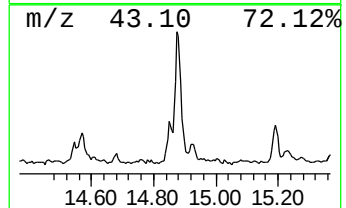
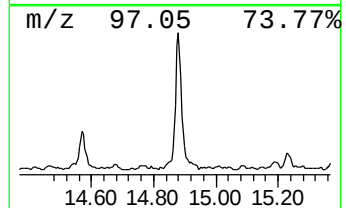
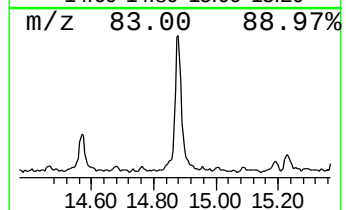
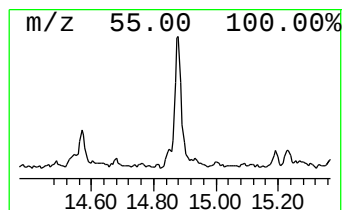
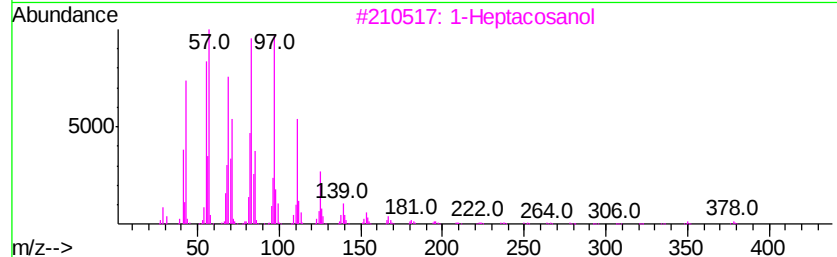
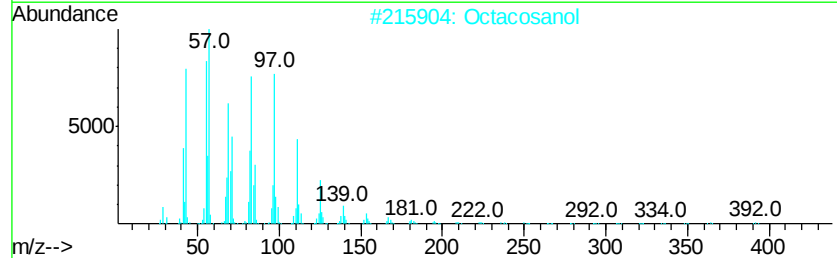
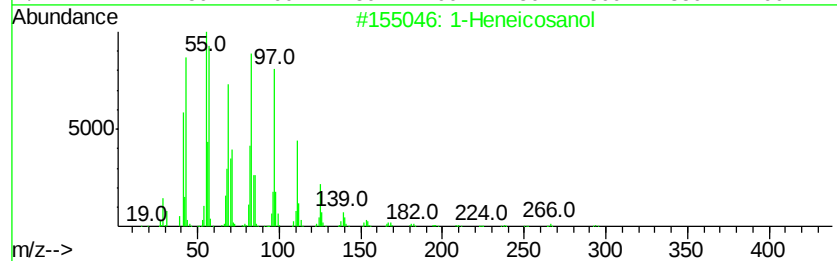
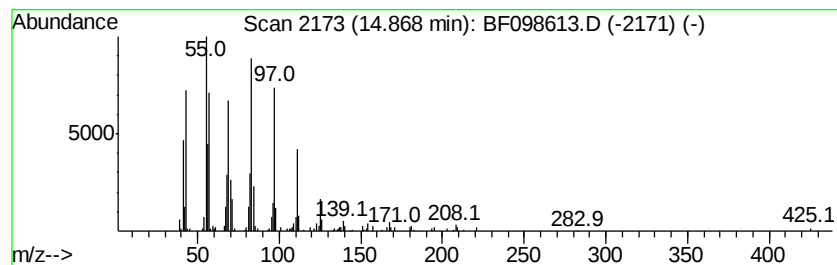
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Heneicosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	18.50 ng	612717	Perylene-d12	15.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	91
2			Octacosanol	410	C28H58O	000557-61-9	76
3			1-Heptacosanol	396	C27H56O	002004-39-9	68
4			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	64
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

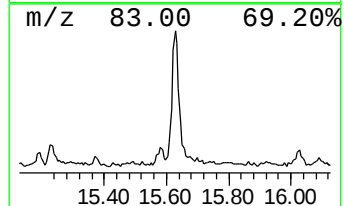
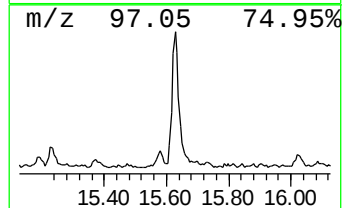
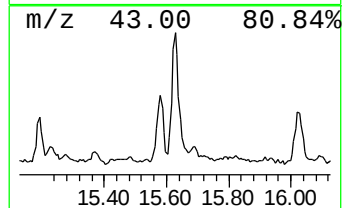
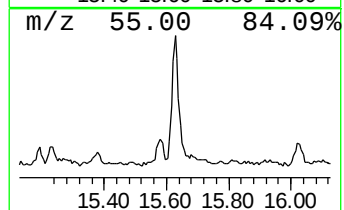
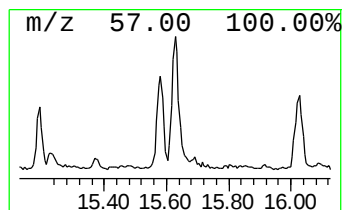
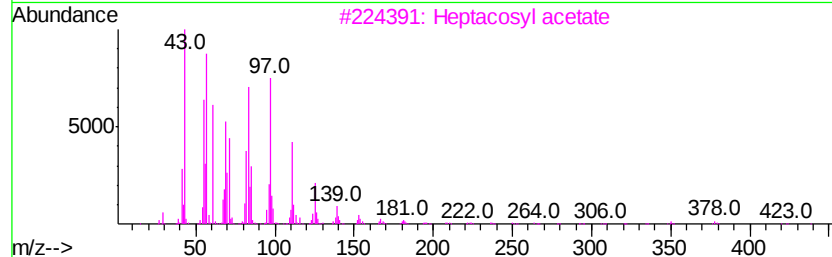
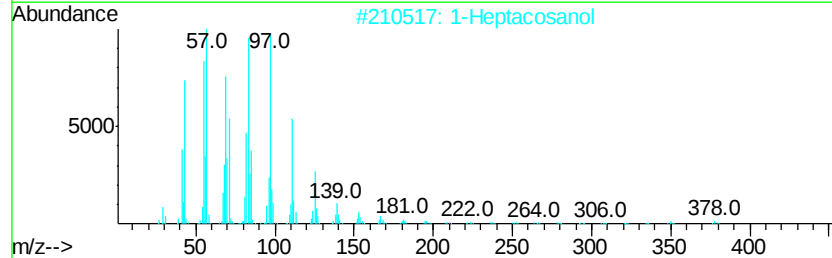
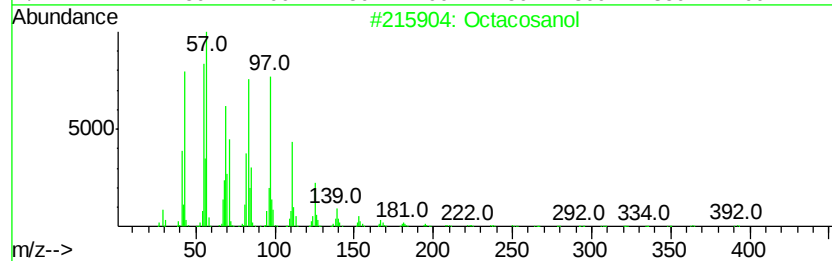
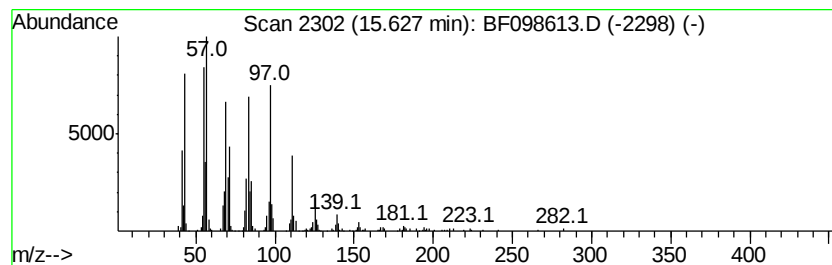
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	17.80 ng	589437	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	94
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

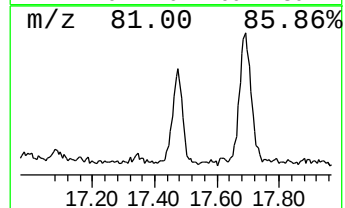
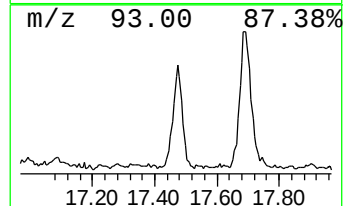
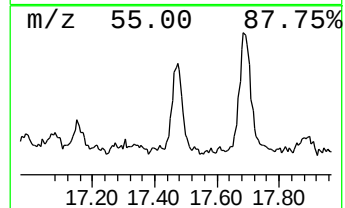
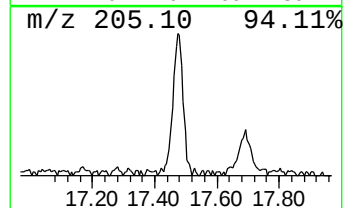
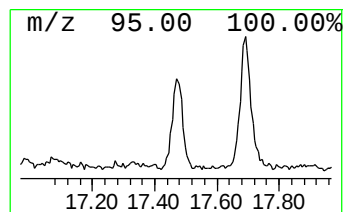
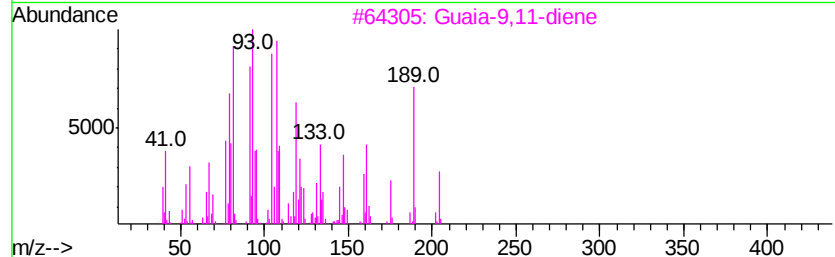
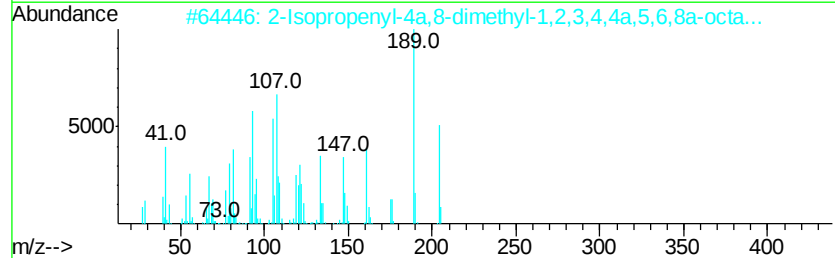
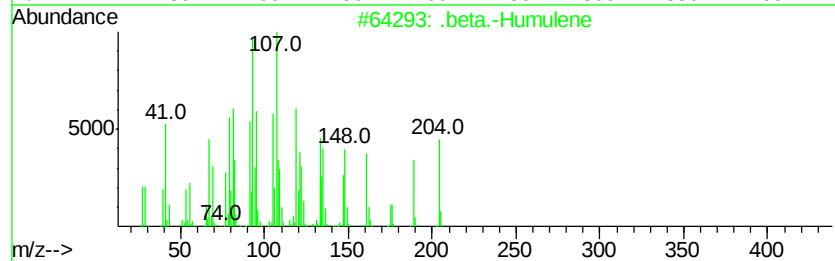
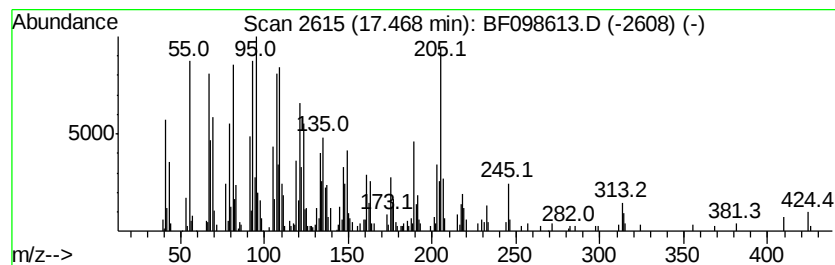
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .beta.-Humulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	24.48 ng	810462	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Humulene	204	C15H24	000116-04-1	60
2		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	51
3		Guaia-9,11-diene	204	C15H24	1000374-19-8	50
4		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	50
5		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098613.D
Acq On : 18 Sep 2017 20:27
Operator : SJ/JU
Sample : I5265-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46

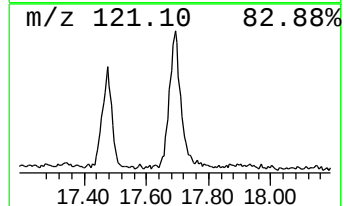
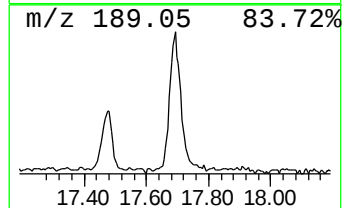
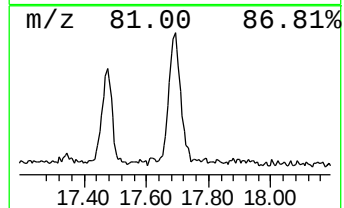
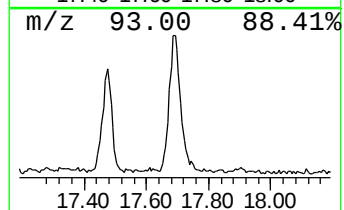
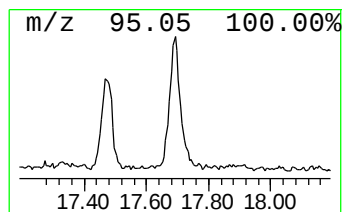
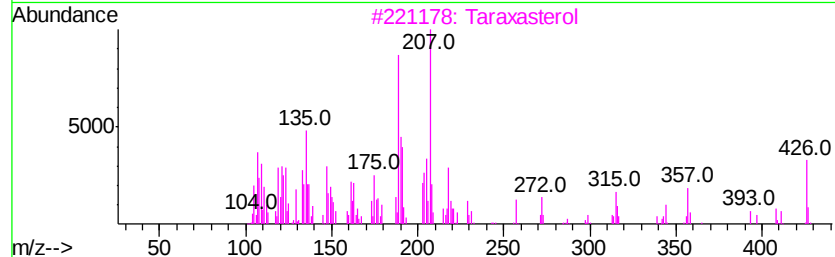
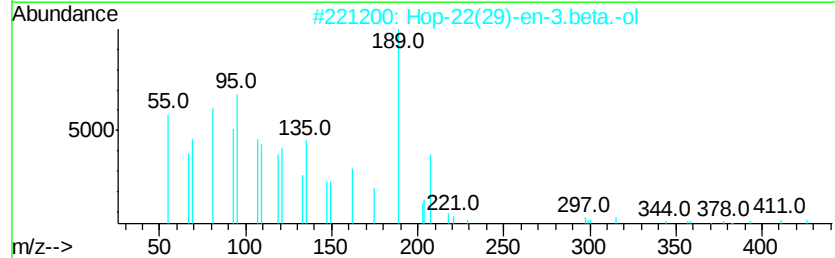
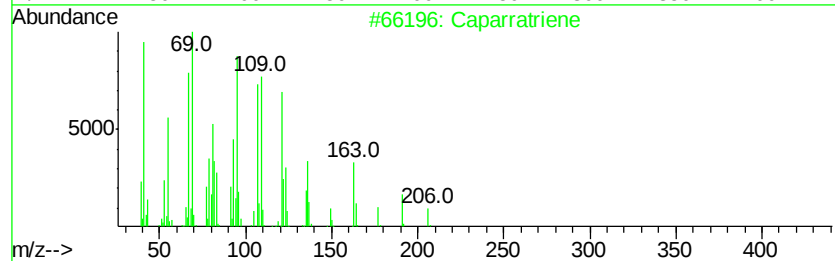
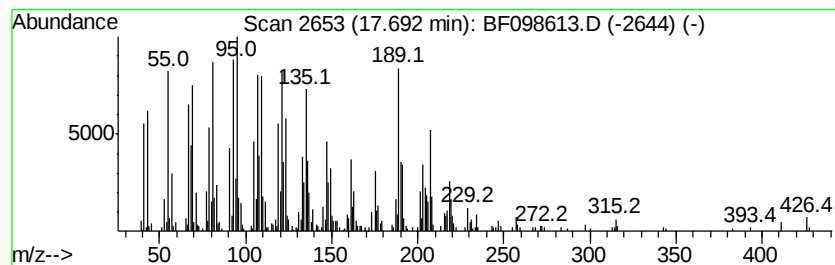
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Caparratriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	39.77 ng	1316820	Perylene-d12	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caparratriene	206	C15H26	1000374-08-7	78
2		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	70
3		Taraxasterol	426	C30H50O	001059-14-9	64
4		(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	64
5		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
 Data File : BF098613.D
 Acq On : 18 Sep 2017 20:27
 Operator : SJ/JU
 Sample : I5265-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
unknown6.41	6.41	81.2	ng	3069660	1	6.63	756275	20.0
Octane, 2,6-dimet...	8.35	23.9	ng	2071540	2	7.92	1737160	20.0
Heptylcyclohexane	8.83	19.4	ng	963816	3	9.67	993837	20.0
Dodecane, 2,6,10-...	8.95	27.6	ng	1370610	3	9.67	993837	20.0
unknown9.09	9.09	15.4	ng	765968	3	9.67	993837	20.0
Dodecane, 6-cyclo...	9.93	12.2	ng	606421	3	9.67	993837	20.0
Cyclohexane, 1-et...	10.23	18.1	ng	897612	3	9.67	993837	20.0
Pentadecane, 2,6,...	10.33	37.9	ng	1881440	3	9.67	993837	20.0
Hexadecane	10.60	39.4	ng	2732090	4	11.15	1385610	20.0
Heptadecane, 2,6,...	11.06	21.6	ng	1497020	4	11.15	1385610	20.0
Octadecane	12.24	11.7	ng	808512	4	11.15	1385610	20.0
Heptafluorobutyri...	13.63	48.6	ng	1450830	5	13.79	596911	20.0
Heptadecyl heptaf...	14.26	45.0	ng	1342690	5	13.79	596911	20.0
1-Heneicosanol	14.87	18.5	ng	612717	6	15.18	662268	20.0
Octacosanol	15.63	17.8	ng	589437	6	15.18	662268	20.0
.beta.-Humulene	17.47	24.5	ng	810462	6	15.18	662268	20.0
Caparratriene	17.69	39.8	ng	1316820	6	15.18	662268	20.0