

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098708.D
 Acq On : 22 Sep 2017 20:49
 Operator : SJ/JU
 Sample : I5331-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-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-BF092117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.534	582	586	589	rBV	725993	677298	34.24%	1.477%
2	6.175	690	695	702	rBV4	103924	192102	9.71%	0.419%
3	6.422	735	737	740	rVB	146210	119052	6.02%	0.260%
4	6.457	740	743	746	rBV2	312409	340533	17.22%	0.743%
5	6.534	753	756	761	rVB2	916564	785120	39.69%	1.712%
6	6.610	766	769	772	rBV	137937	142849	7.22%	0.312%
7	6.687	774	782	790	rBV	850319	996075	50.36%	2.172%
8	6.757	790	794	798	rBV2	1182156	1169987	59.15%	2.552%
9	6.928	818	823	826	rVB2	1285476	1203857	60.86%	2.625%
10	6.981	829	832	837	rVB2	276806	251509	12.72%	0.549%
11	7.040	837	842	844	rBV2	114632	122435	6.19%	0.267%
12	7.081	844	849	852	rBV2	773721	818008	41.36%	1.784%
13	7.198	866	869	872	rVB	636773	500302	25.29%	1.091%
14	7.228	872	874	875	rBV	300203	226576	11.46%	0.494%
15	7.245	875	877	878	rVV	244785	182135	9.21%	0.397%
16	7.257	878	879	884	rVB	409620	364104	18.41%	0.794%
17	7.310	884	888	893	rBV3	489523	726696	36.74%	1.585%
18	7.387	899	901	903	rBV	175483	159047	8.04%	0.347%
19	7.410	903	905	909	rVB	230183	199711	10.10%	0.436%
20	7.457	909	913	915	rBV2	480689	542557	27.43%	1.183%
21	7.481	915	917	919	rVV	391375	278872	14.10%	0.608%
22	7.522	919	924	927	rVB	1939884	1977944	100.00%	4.314%
23	7.575	927	933	935	rVB4	380237	517182	26.15%	1.128%
24	7.610	935	939	940	rBV2	237051	279038	14.11%	0.609%
25	7.628	940	942	946	rVB4	204493	237479	12.01%	0.518%
26	7.675	946	950	952	rBV4	119316	160589	8.12%	0.350%
27	7.698	952	954	956	rBV2	234188	213865	10.81%	0.466%
28	7.722	956	958	962	rVB2	262717	338770	17.13%	0.739%
29	7.757	962	964	968	rVB2	128454	118360	5.98%	0.258%
30	7.810	968	973	974	rBV3	196886	262937	13.29%	0.573%
31	7.828	974	976	978	rVB	334541	226565	11.45%	0.494%
32	7.851	978	980	983	rBV4	260568	288313	14.58%	0.629%
33	7.887	983	986	989	rVB2	438097	566606	28.65%	1.236%
34	7.922	989	992	994	rBV2	511110	488826	24.71%	1.066%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
 Data File : BF098708.D
 Acq On : 22 Sep 2017 20:49
 Operator : SJ/JU
 Sample : I5331-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-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-BF092117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.951	994	997	999	rBV2	781721	775815	39.22%	1.692%
36	7.969	999	1000	1003	rVB	235191	167733	8.48%	0.366%
37	7.998	1003	1005	1007	rBV	474837	357201	18.06%	0.779%
38	8.022	1007	1009	1012	rVB2	225380	184199	9.31%	0.402%
39	8.051	1012	1014	1016	rVB	353231	264395	13.37%	0.577%
40	8.081	1016	1019	1022	rVB2	237252	265380	13.42%	0.579%
41	8.110	1022	1024	1026	rBV2	161325	138320	6.99%	0.302%
42	8.157	1027	1032	1033	rBV4	208818	273360	13.82%	0.596%
43	8.187	1033	1037	1039	rBV	2183828	1802017	91.11%	3.930%
44	8.210	1039	1041	1043	rVV	1543491	1088409	55.03%	2.374%
45	8.263	1046	1050	1053	rVB2	1042168	1023865	51.76%	2.233%
46	8.292	1053	1055	1058	rBV2	349931	369475	18.68%	0.806%
47	8.316	1058	1059	1063	rVB3	191411	119948	6.06%	0.262%
48	8.363	1063	1067	1069	rBV4	218147	290656	14.69%	0.634%
49	8.404	1072	1074	1077	rVB2	380963	380421	19.23%	0.830%
50	8.498	1086	1090	1096	rVB4	787756	871998	44.09%	1.902%
51	8.545	1096	1098	1102	rBV3	366027	372746	18.85%	0.813%
52	8.581	1102	1104	1108	rVB3	574161	561995	28.41%	1.226%
53	8.622	1108	1111	1114	rBV	1085320	924416	46.74%	2.016%
54	8.645	1114	1115	1118	rVB	189250	132153	6.68%	0.288%
55	8.675	1118	1120	1123	rVB2	205477	156779	7.93%	0.342%
56	8.710	1123	1126	1129	rBV	693411	570255	28.83%	1.244%
57	8.751	1129	1133	1135	rBV4	169920	194575	9.84%	0.424%
58	8.792	1137	1140	1145	rBV	1979639	1662345	84.04%	3.625%
59	8.839	1145	1148	1149	rBV2	130729	148718	7.52%	0.324%
60	8.869	1151	1153	1155	rBV2	259599	155863	7.88%	0.340%
61	8.922	1160	1162	1165	rVB3	164278	125819	6.36%	0.274%
62	8.957	1165	1168	1170	rBV3	185452	144008	7.28%	0.314%
63	8.986	1170	1173	1175	rBV4	162990	216700	10.96%	0.473%
64	9.028	1178	1180	1183	rVB3	395555	313100	15.83%	0.683%
65	9.075	1185	1188	1190	rBV3	331166	304938	15.42%	0.665%
66	9.157	1198	1202	1206	rVB3	552751	620501	31.37%	1.353%
67	9.198	1206	1209	1211	rBV	450929	334245	16.90%	0.729%
68	9.222	1211	1213	1216	rVV	814305	670554	33.90%	1.462%
69	9.245	1216	1217	1220	rVB	195069	122134	6.17%	0.266%
70	9.281	1220	1223	1225	rBV	1012665	755604	38.20%	1.648%
71	9.357	1233	1236	1240	rBV	1522749	1392594	70.41%	3.037%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
 Data File : BF098708.D
 Acq On : 22 Sep 2017 20:49
 Operator : SJ/JU
 Sample : I5331-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-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-BF092117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.398	1241	1243	1247	rVV5	163849	230882	11.67%	0.504%
73	9.434	1247	1249	1251	rVB	384824	286571	14.49%	0.625%
74	9.551	1265	1269	1271	rVV2	108444	132312	6.69%	0.289%
75	9.616	1274	1280	1282	rVV4	292640	436640	22.08%	0.952%
76	9.633	1282	1283	1286	rVV3	250267	227215	11.49%	0.496%
77	9.675	1286	1290	1293	rVV3	659218	902354	45.62%	1.968%
78	9.698	1293	1294	1298	rVB2	318811	301522	15.24%	0.658%
79	9.739	1298	1301	1303	rBV2	320546	270638	13.68%	0.590%
80	9.886	1323	1326	1330	rVV	906195	718394	36.32%	1.567%
81	9.928	1330	1333	1335	rVV4	107185	123063	6.22%	0.268%
82	9.963	1336	1339	1343	rVB	1563928	1441578	72.88%	3.144%
83	10.116	1362	1365	1368	rVV2	110077	151832	7.68%	0.331%
84	10.145	1368	1370	1372	rVV	128930	116324	5.88%	0.254%
85	10.210	1377	1381	1385	rBV4	135208	185141	9.36%	0.404%
86	10.386	1408	1411	1414	rVB	420529	316282	15.99%	0.690%
87	10.604	1444	1448	1451	rBV	107769	132955	6.72%	0.290%
88	10.745	1470	1472	1476	rVB	492657	369795	18.70%	0.806%
89	10.857	1488	1491	1497	rBV	232685	266814	13.49%	0.582%
90	11.304	1564	1567	1570	rBV	153968	136006	6.88%	0.297%
91	11.451	1588	1592	1594	rBV	1450702	1226436	62.01%	2.675%
92	11.963	1674	1679	1683	rBV2	101987	143852	7.27%	0.314%
93	12.522	1771	1774	1776	rVV2	271029	295983	14.96%	0.646%
94	12.539	1776	1777	1782	rVB	269515	181209	9.16%	0.395%
95	12.663	1794	1798	1803	rBV	189405	232913	11.78%	0.508%
96	12.892	1831	1837	1842	rBV2	201589	288530	14.59%	0.629%
97	13.027	1857	1860	1864	rVB	669453	556603	28.14%	1.214%
98	14.086	2036	2040	2043	rBV	1068368	962354	48.65%	2.099%
99	15.210	2228	2231	2235	rBV	115478	120467	6.09%	0.263%
100	15.580	2290	2294	2305	rVB	740870	1169963	59.15%	2.552%

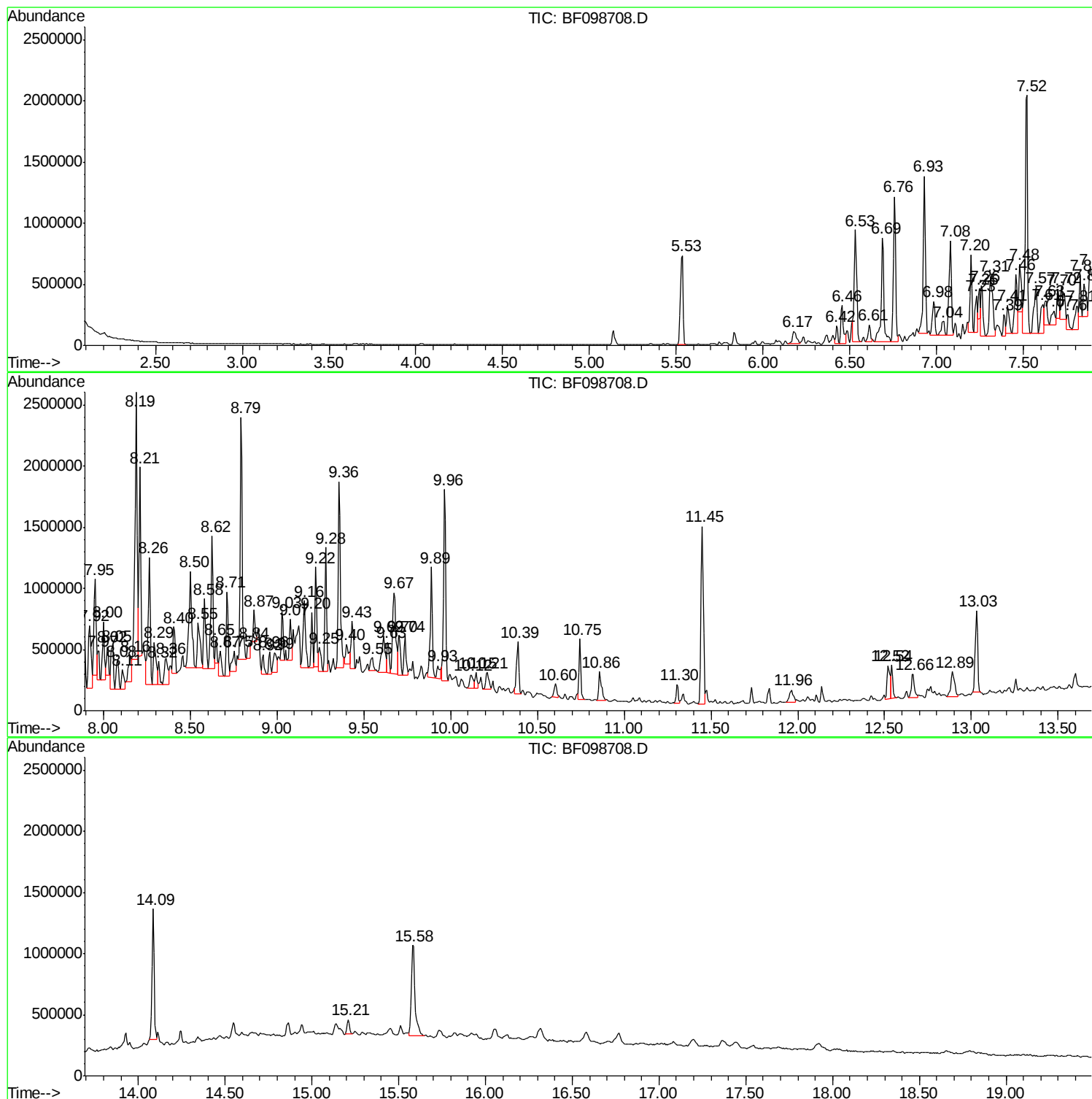
Sum of corrected areas: 45853161

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.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\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

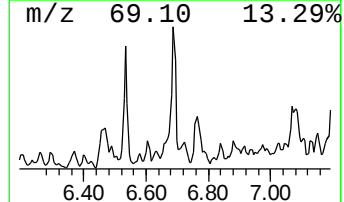
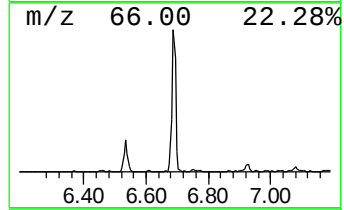
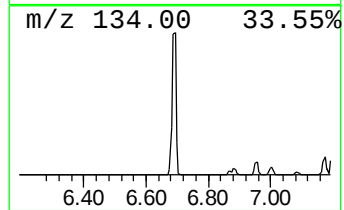
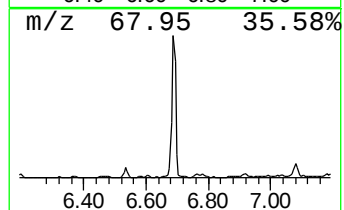
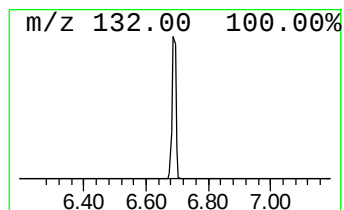
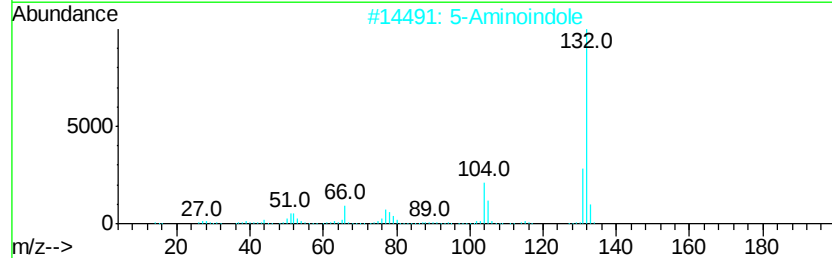
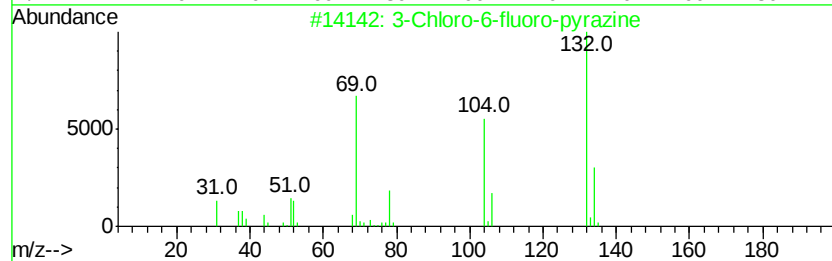
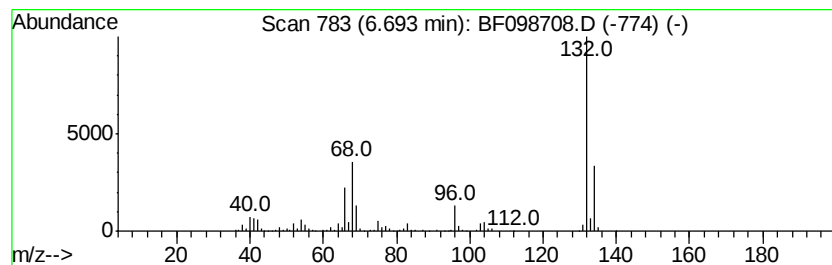
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.69 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	16.55 ng	996075	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropamine-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

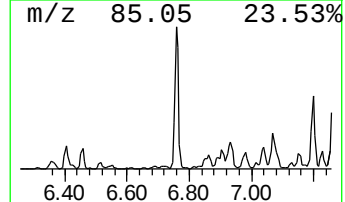
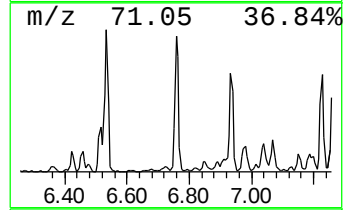
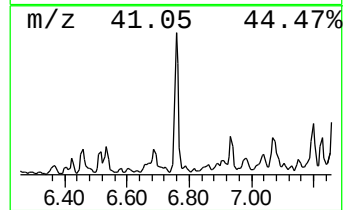
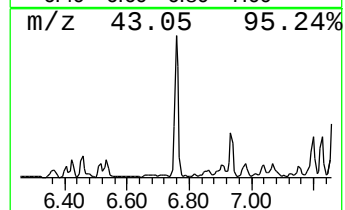
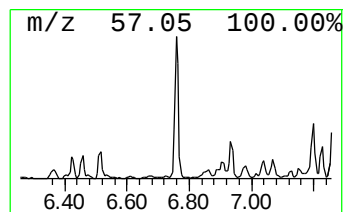
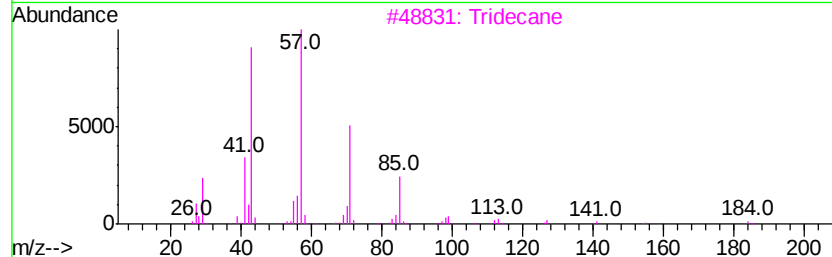
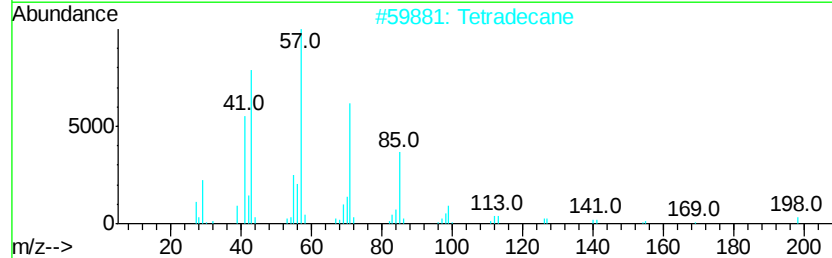
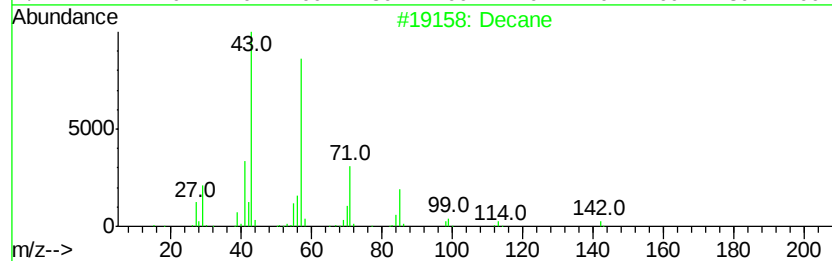
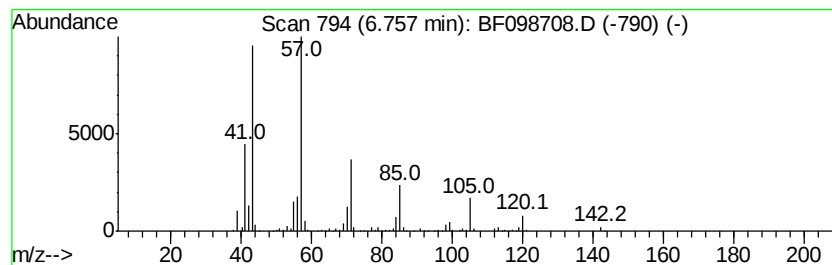
Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.76	19.44 ng	1169990	1,4-Dichlorobenzene-d4	6.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	80
2	Tetradecane		198	C14H30	000629-59-4	80
3	Tridecane		184	C13H28	000629-50-5	59
4	Undecane		156	C11H24	001120-21-4	59
5	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

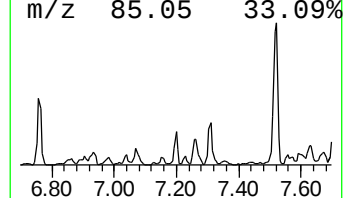
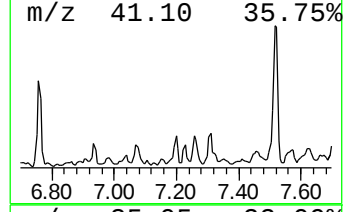
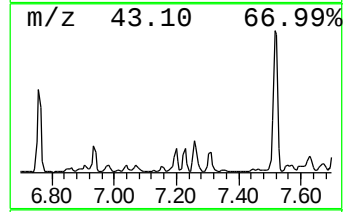
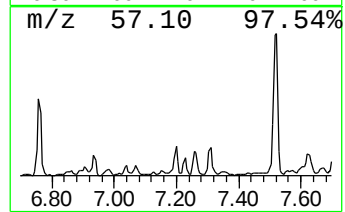
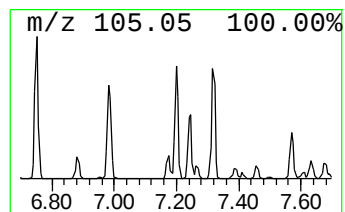
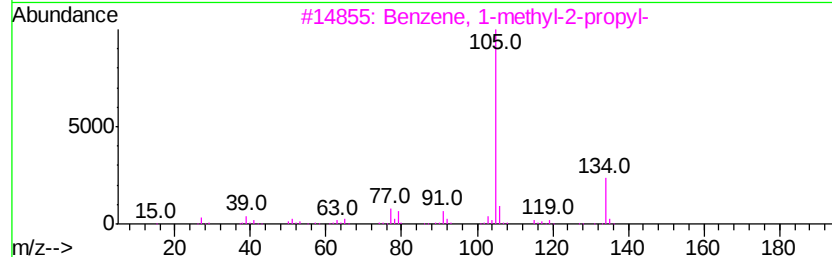
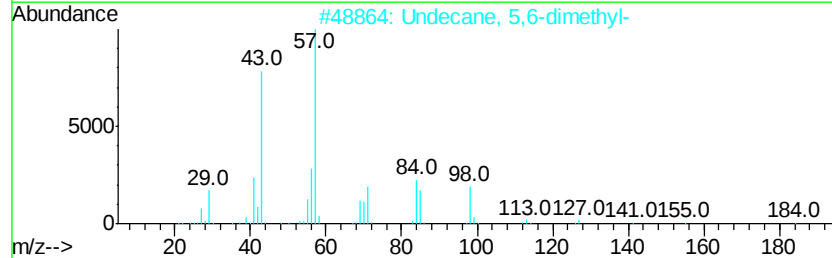
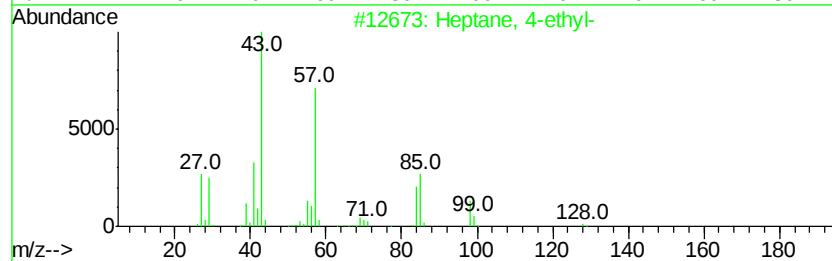
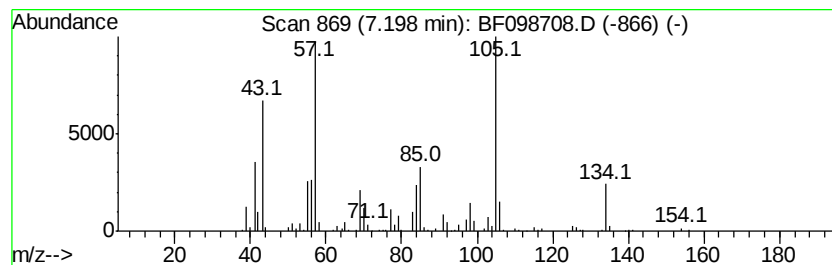
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.20 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	8.31 ng	500302	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	46
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

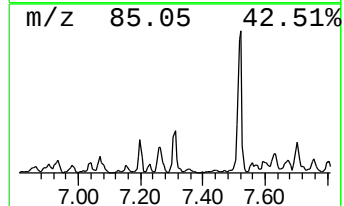
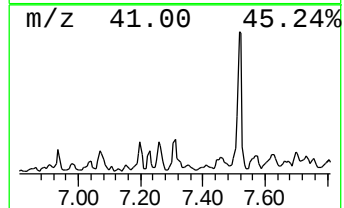
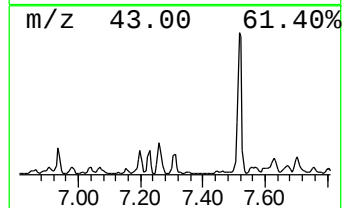
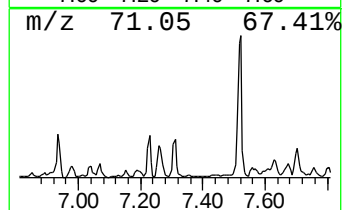
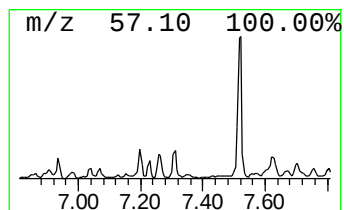
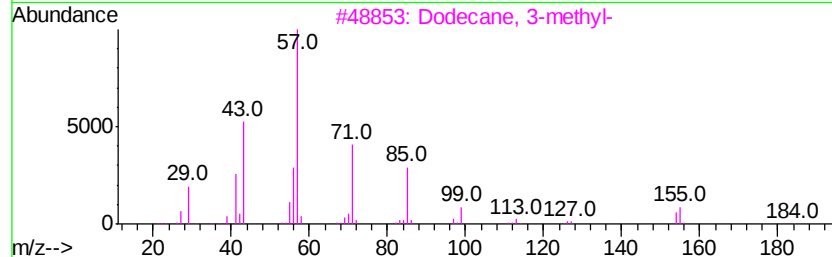
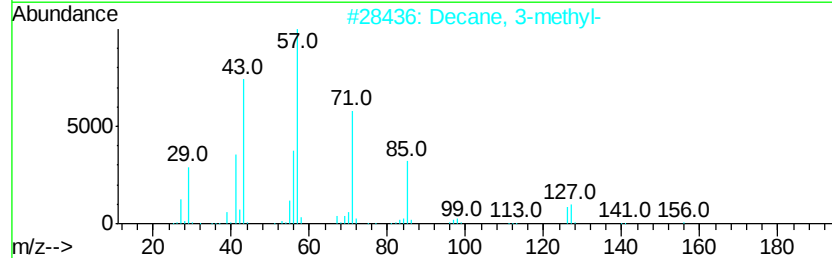
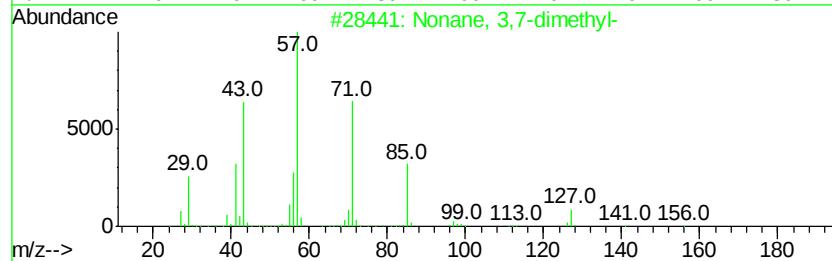
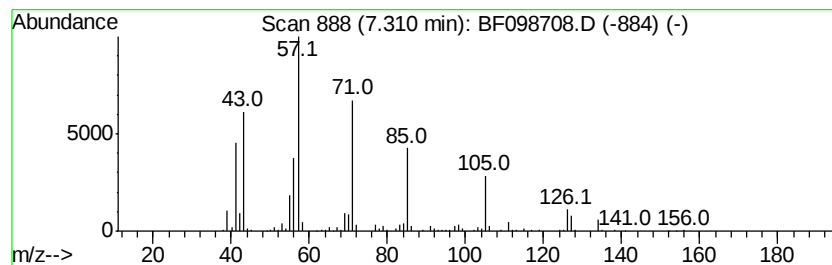
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 3,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	12.07 ng	726696	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
2		Decane, 3-methyl-	156	C11H24	013151-34-3	70
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	58
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

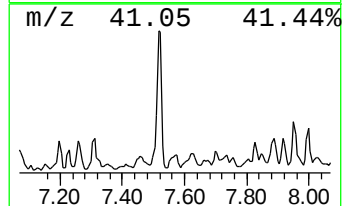
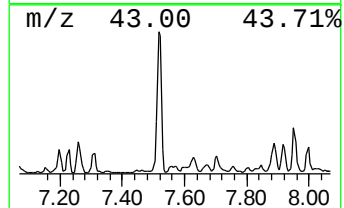
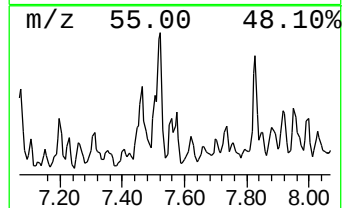
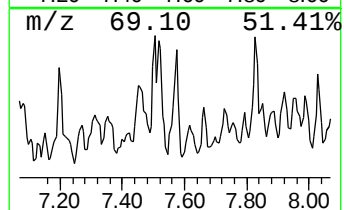
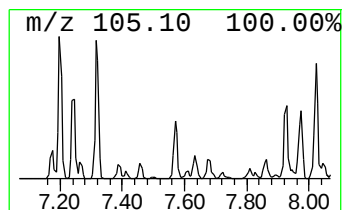
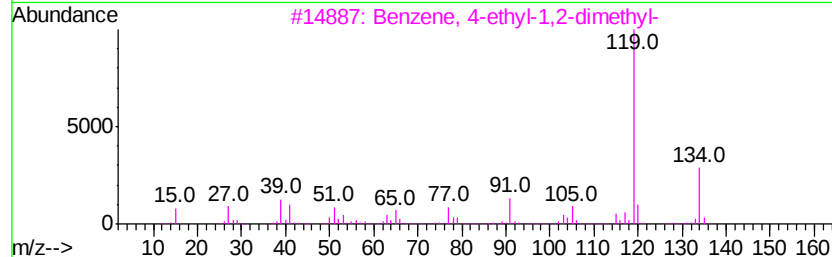
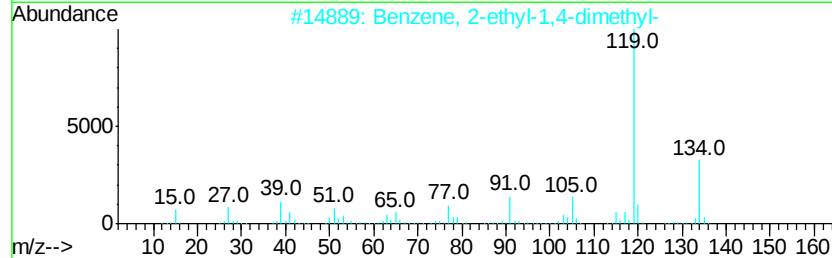
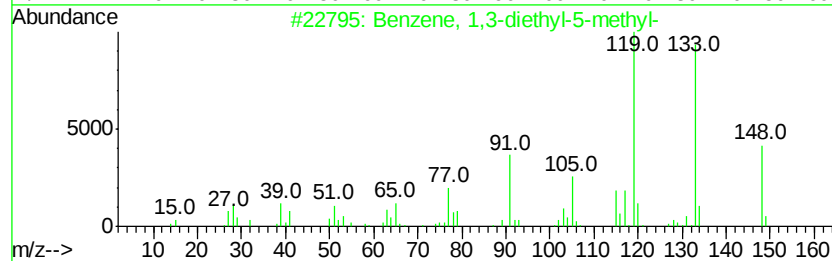
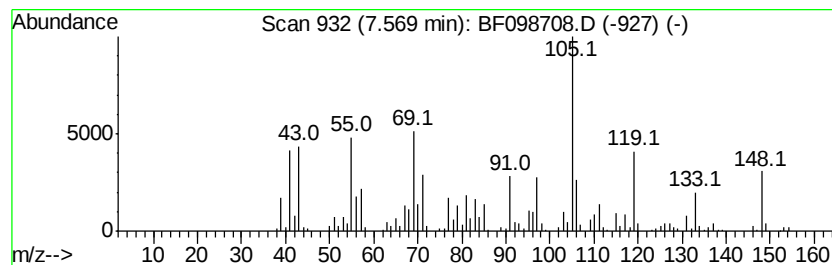
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	9.50 ng	517182	Naphthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	35
5		p-Cymene	134	C10H14	000099-87-6	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

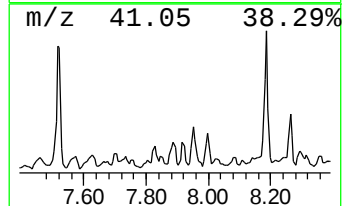
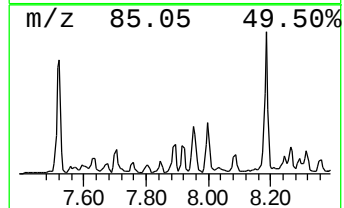
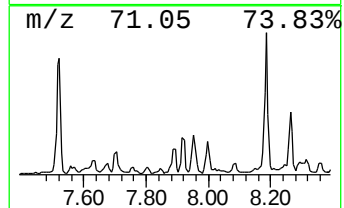
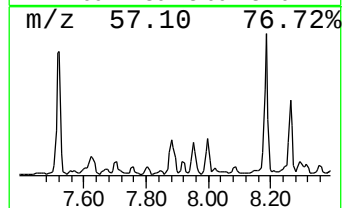
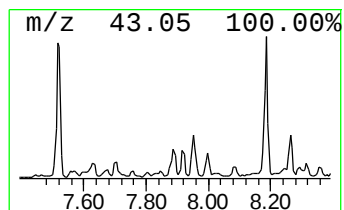
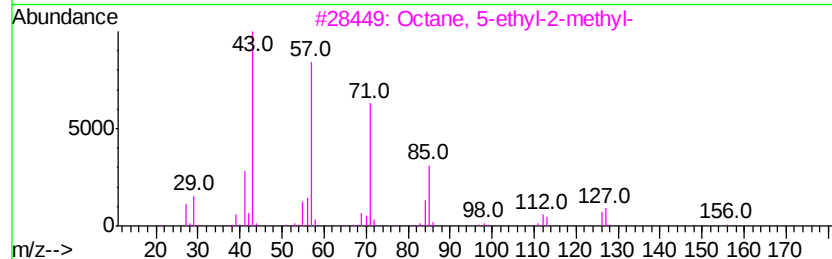
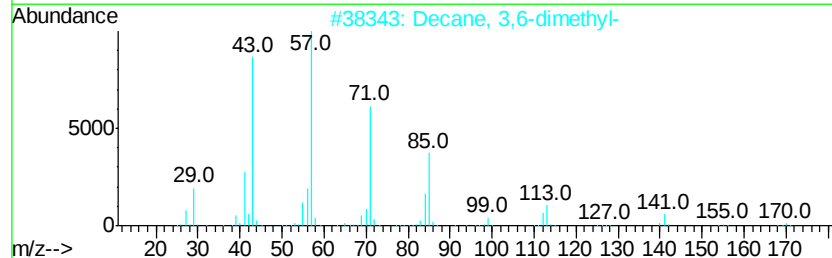
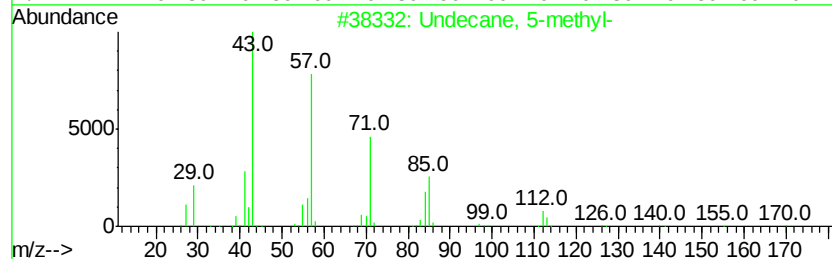
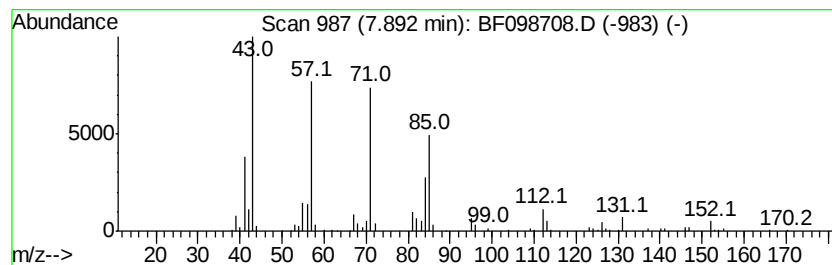
Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	10.41 ng	566606	Napthalene-d8	8.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-methyl-	170 C12H26	001632-70-8	87
2	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	87
3	Octane, 5-ethyl-2-methyl-	156 C11H24	062016-18-6	59
4	3,5-Dimethyldodecane	198 C14H30	107770-99-0	53
5	Octane, 2-methyl-	128 C9H20	003221-61-2	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

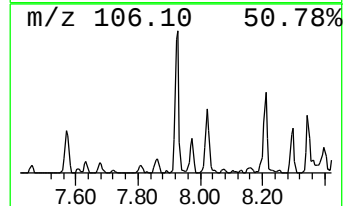
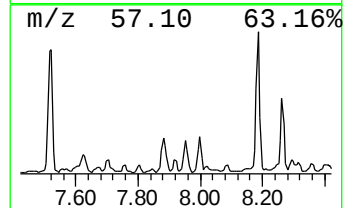
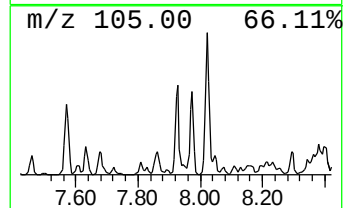
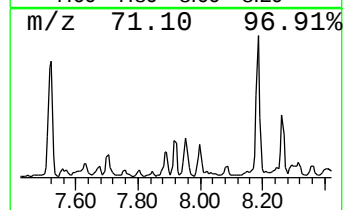
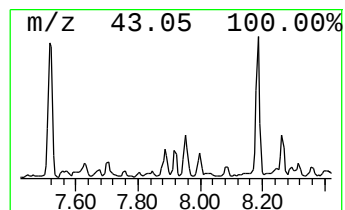
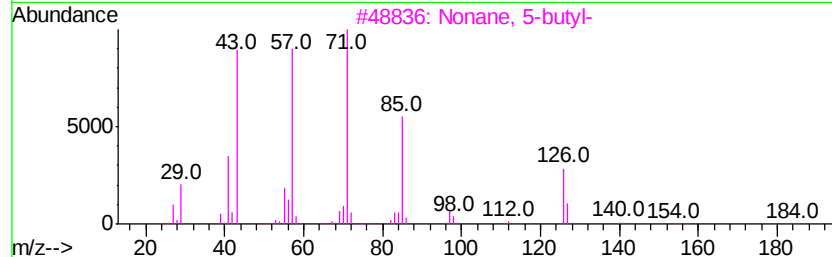
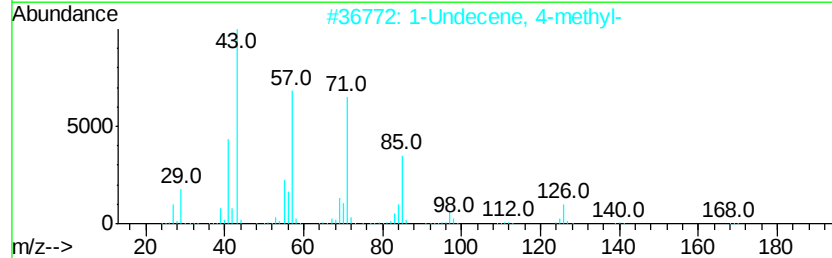
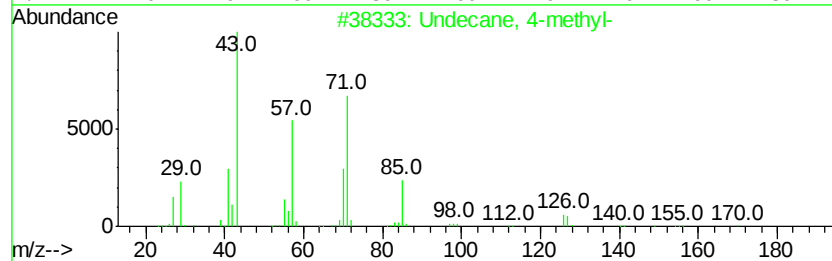
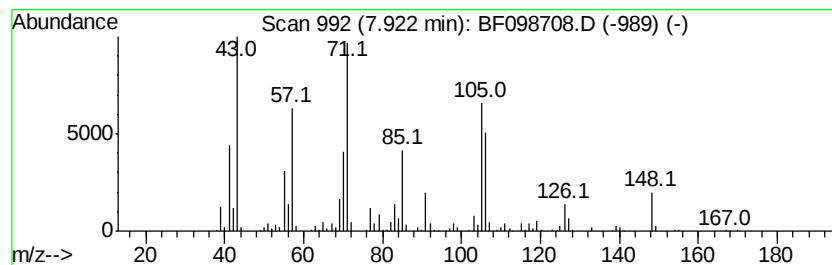
Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	8.98 ng	488826	Napthalene-d8	8.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 4-methyl-	170 C12H26	002980-69-0	53
2	1-Undecene, 4-methyl-	168 C12H24	074630-39-0	46
3	Nonane, 5-butyl-	184 C13H28	017312-63-9	43
4	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	38
5	Carbonic acid, 2-methylbutyl neo...	202 C11H22O3	1000331-42-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

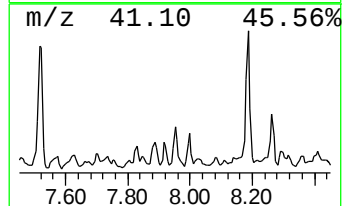
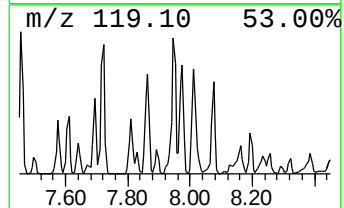
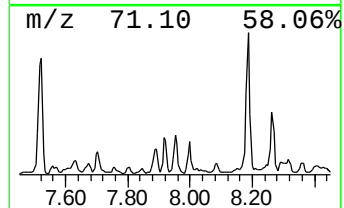
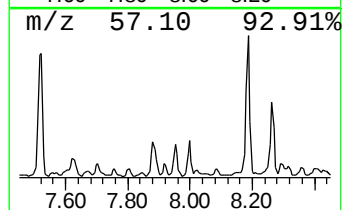
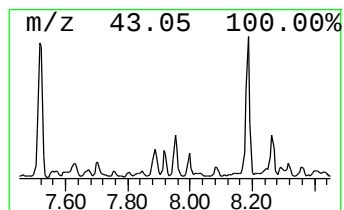
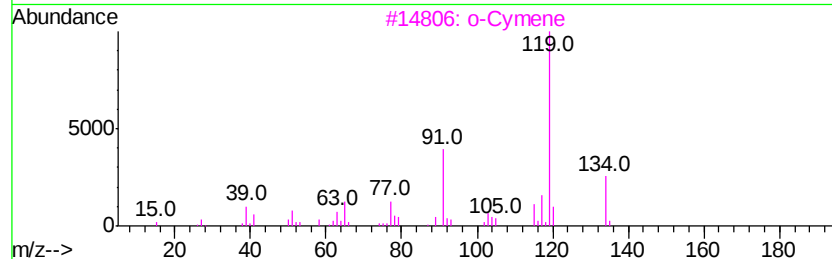
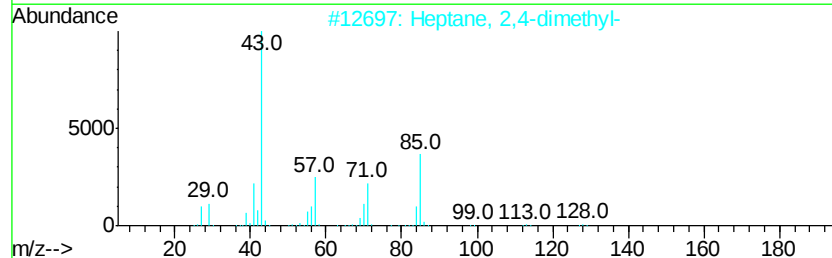
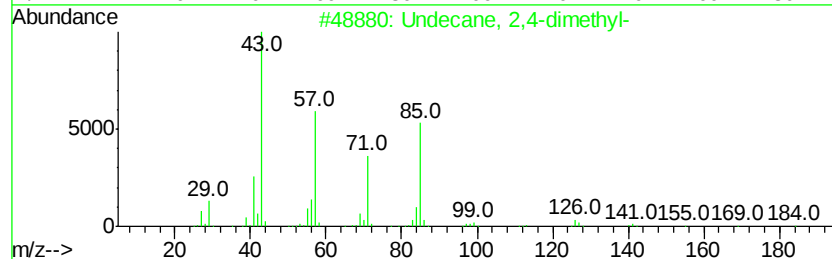
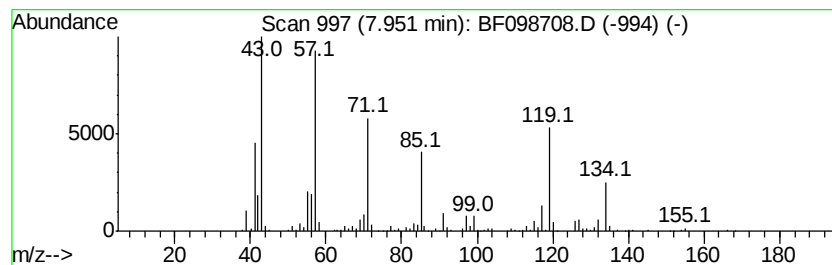
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	14.26 ng	775815	Napthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	35
3		o-Cymene	134	C10H14	000527-84-4	30
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	27
5		Hexadecane	226	C16H34	000544-76-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

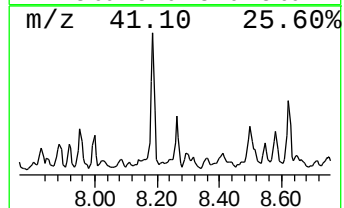
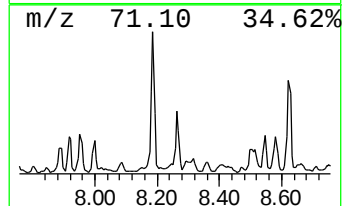
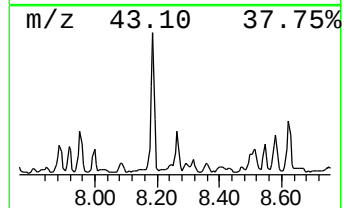
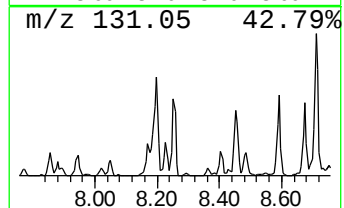
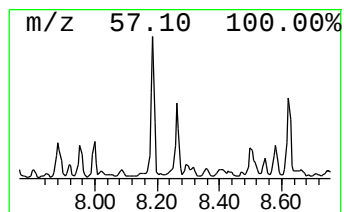
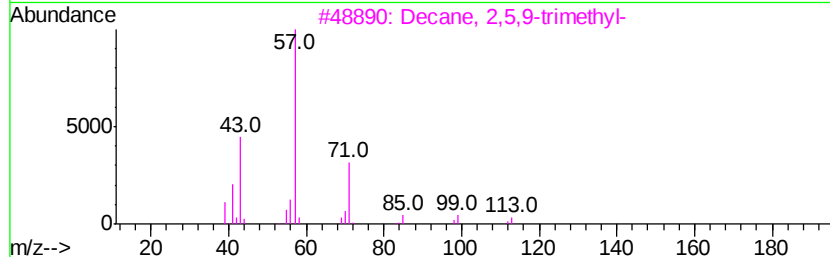
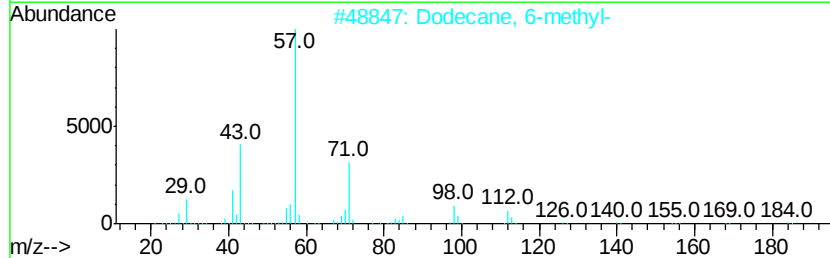
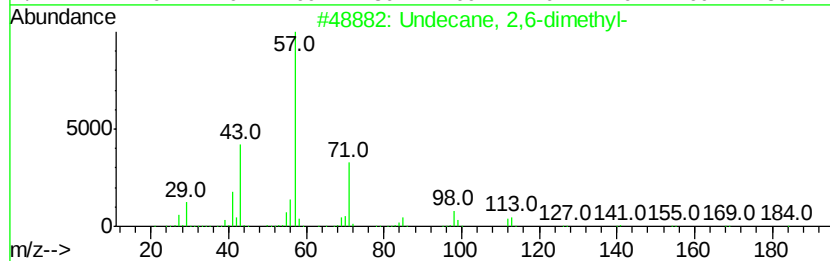
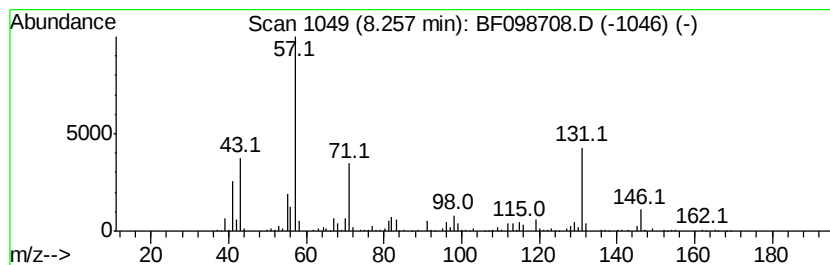
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	18.81 ng	1023870	Napthalene-d8	8.21

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	78
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

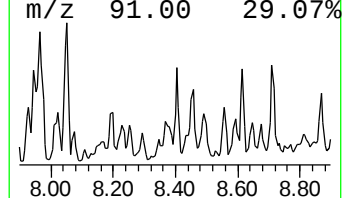
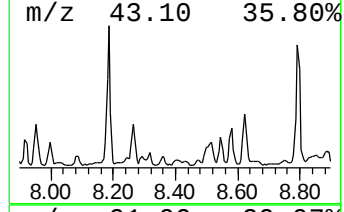
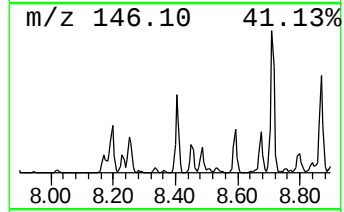
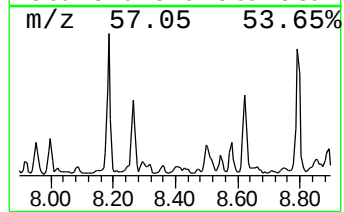
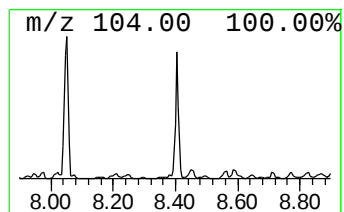
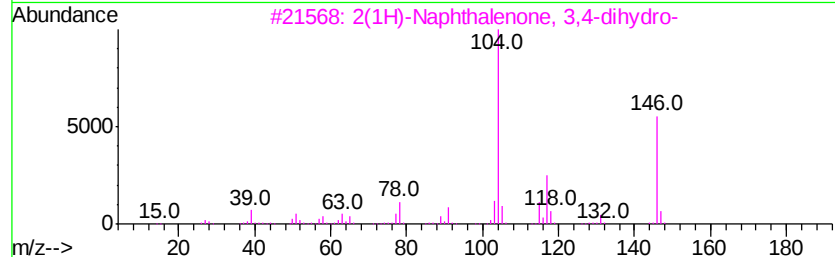
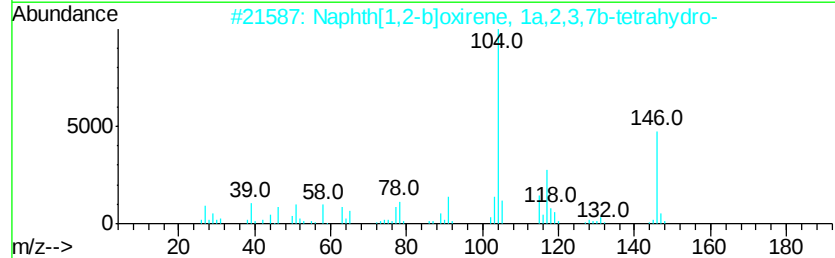
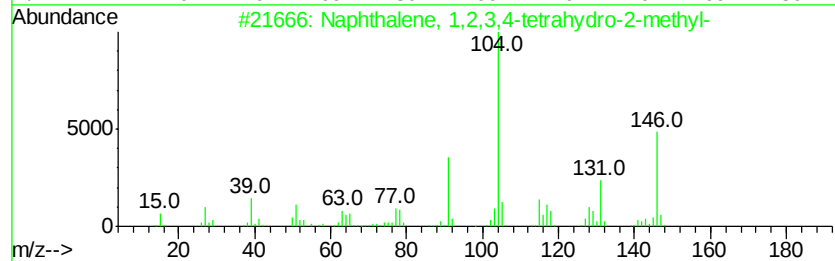
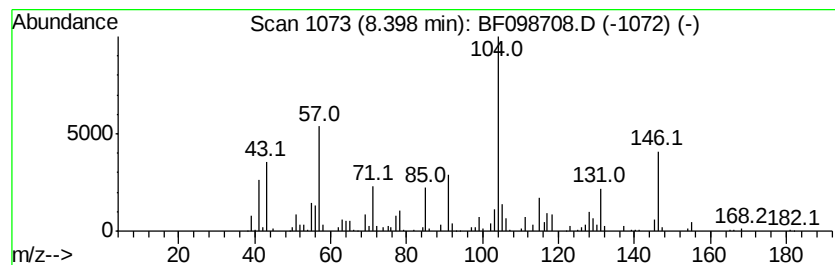
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	6.99 ng	380421	Naphthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	53
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	37
5		Propanoic acid, 2,2-dimethyl-, 2...	206	C13H18O2	067662-96-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

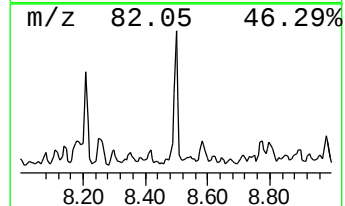
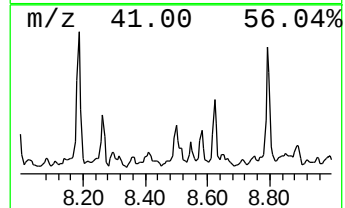
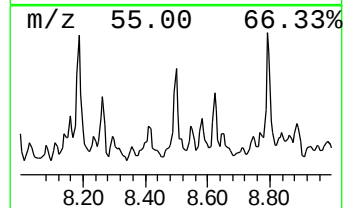
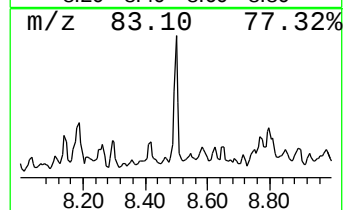
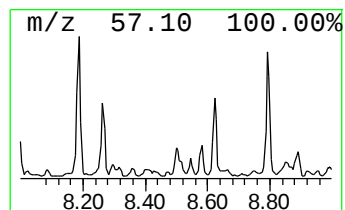
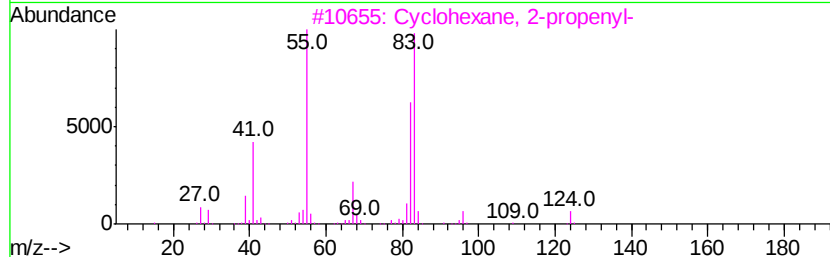
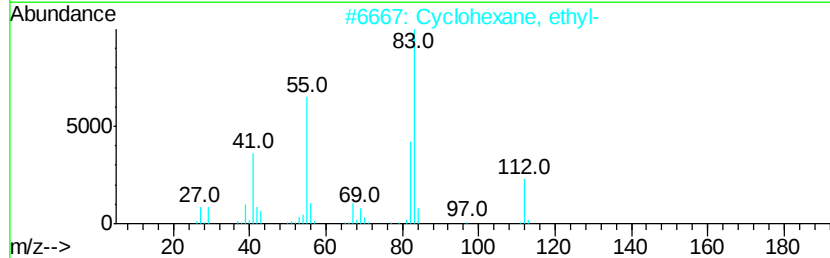
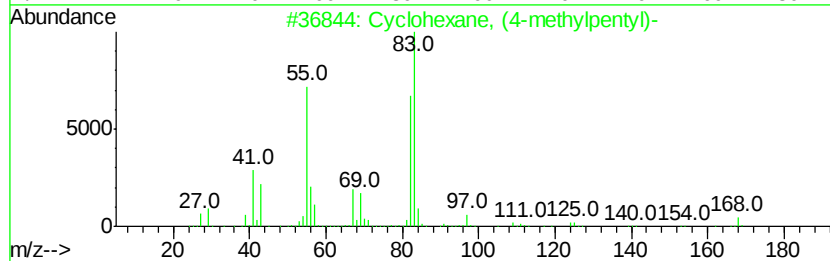
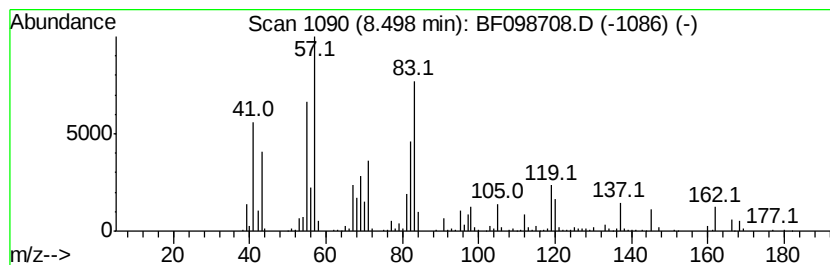
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	16.02 ng	871998	Napthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
4		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
5		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

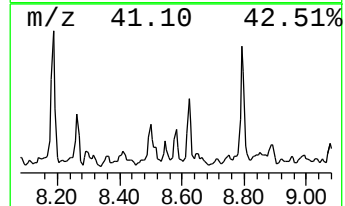
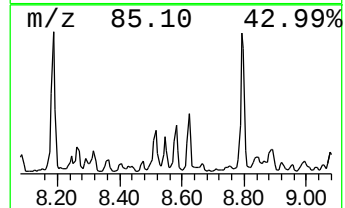
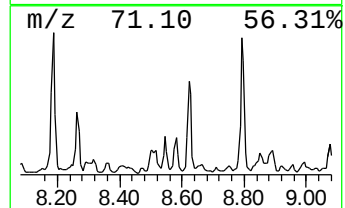
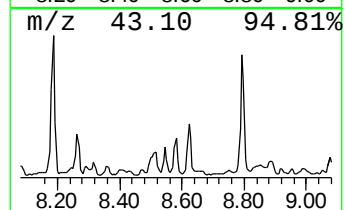
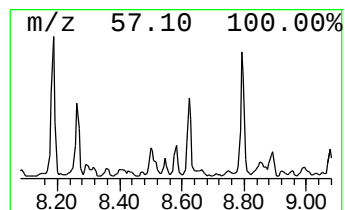
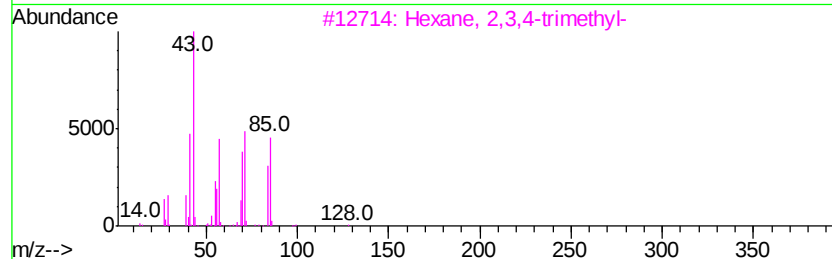
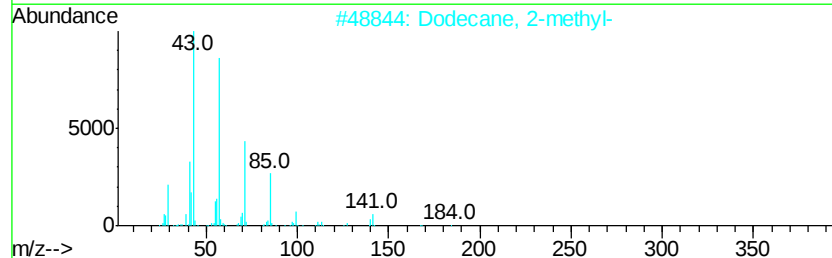
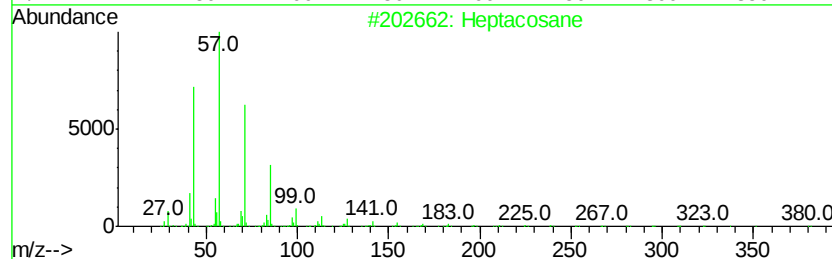
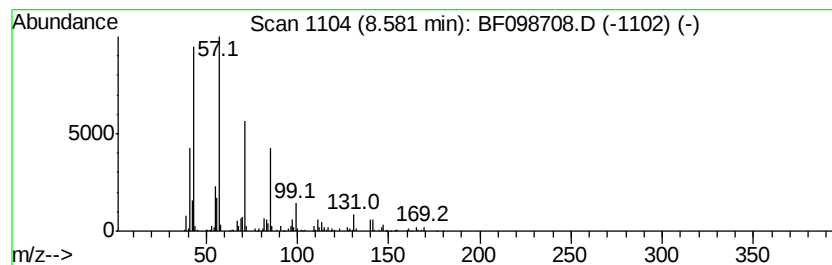
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	10.33 ng	561995	Napthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	64
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	52
4		1-Iodoundecane	282	C11H23I	004282-44-4	52
5		Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

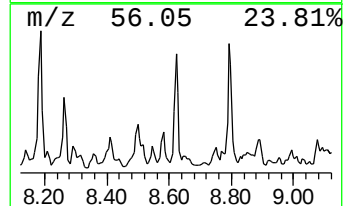
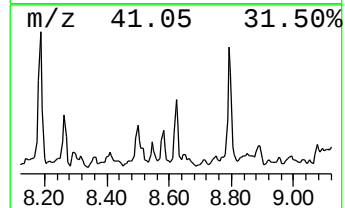
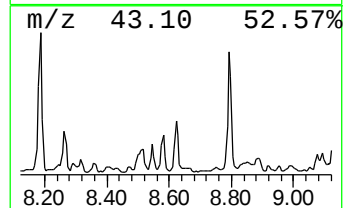
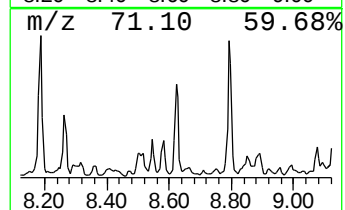
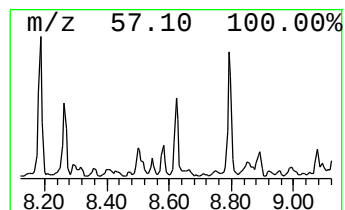
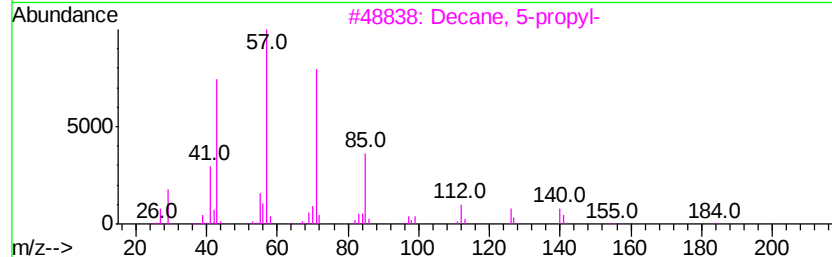
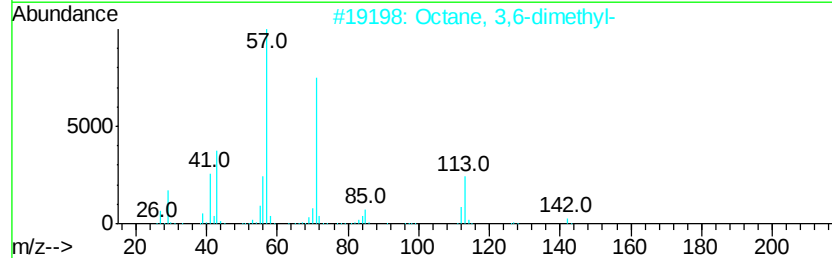
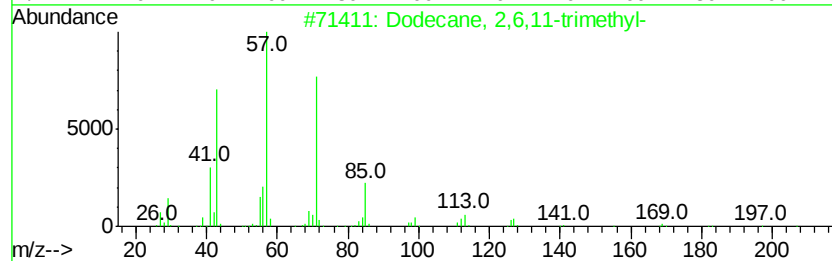
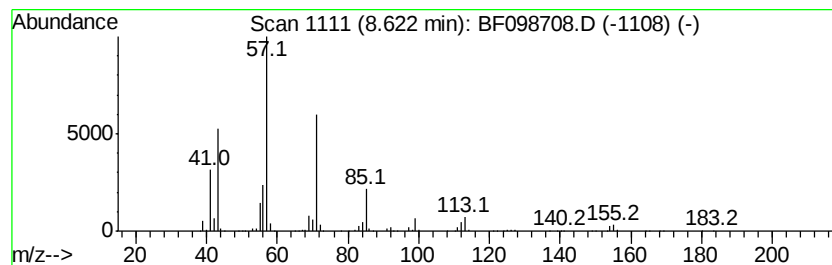
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	16.99 ng	924416	Naphthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3		Decane, 5-propyl-	184	C13H28	017312-62-8	59
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

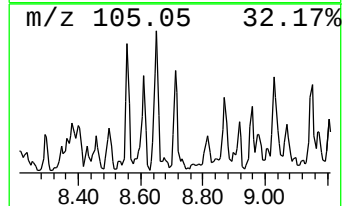
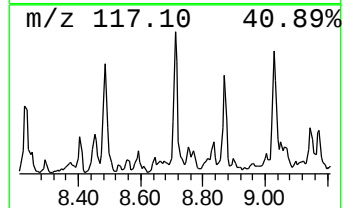
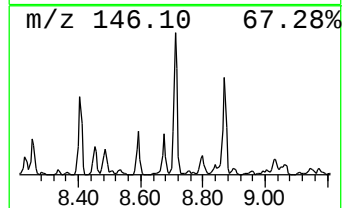
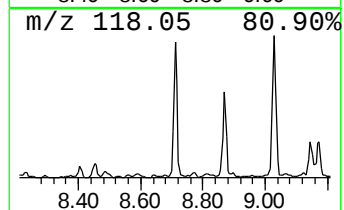
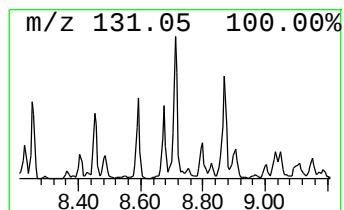
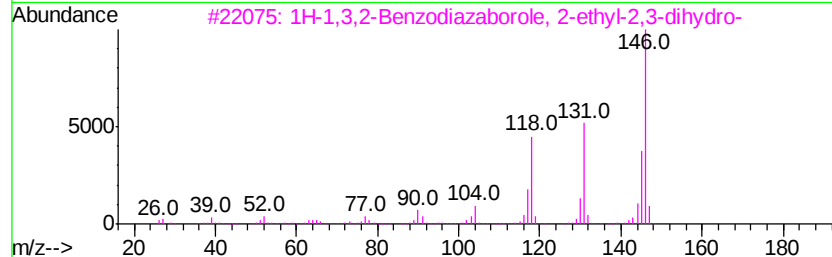
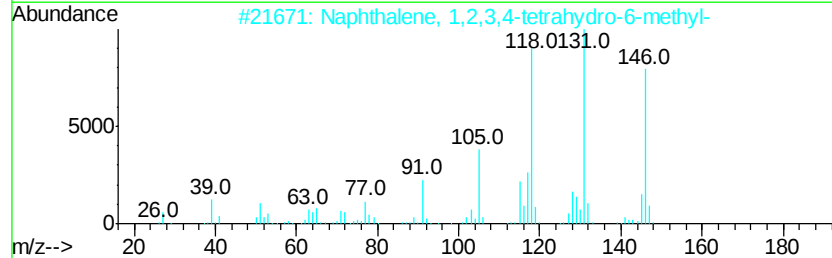
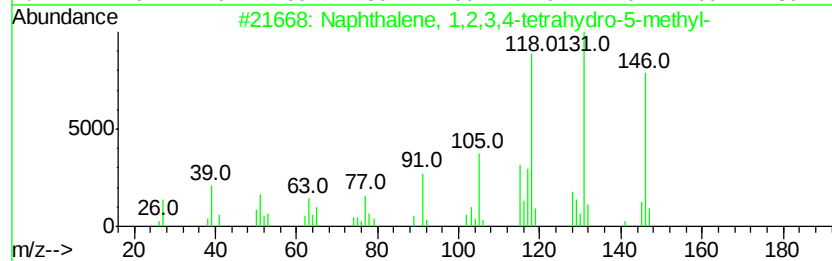
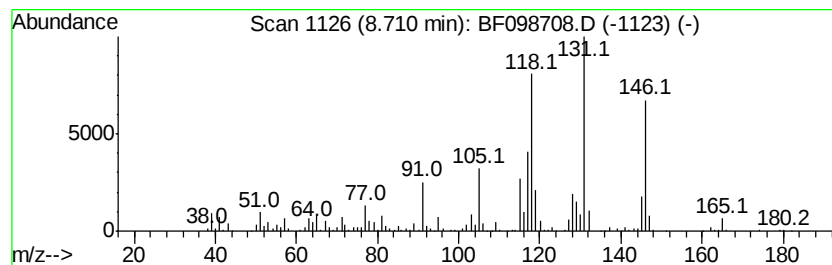
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	10.48 ng	570255	Naphthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	83
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	74
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

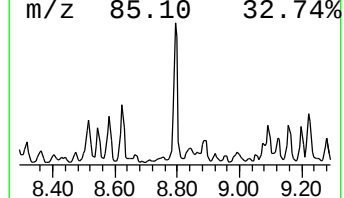
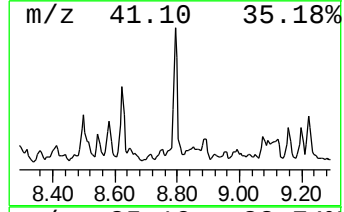
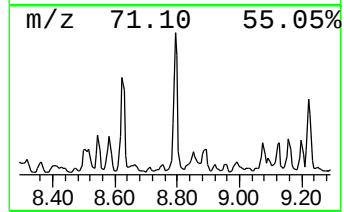
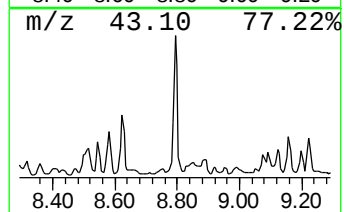
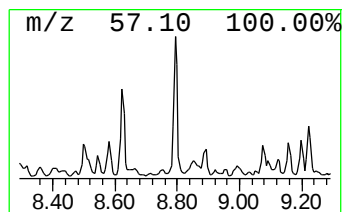
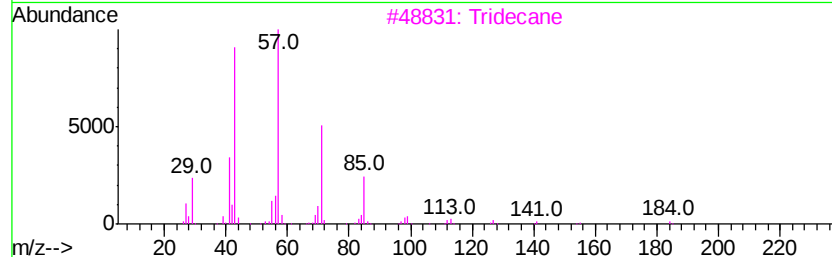
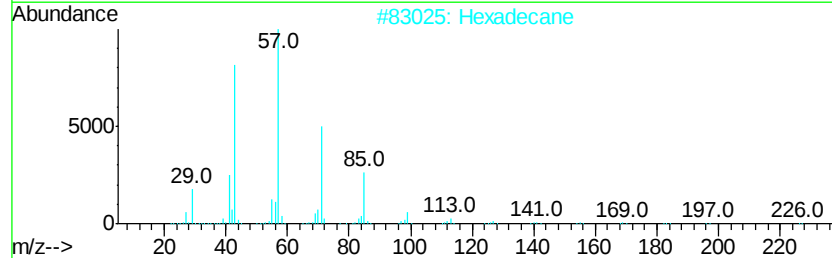
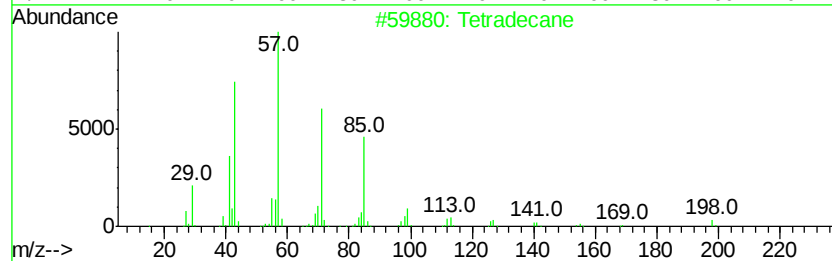
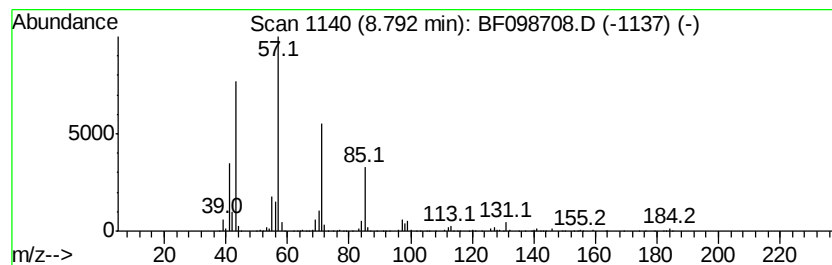
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	30.55 ng	1662350	Napthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	83
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	81
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

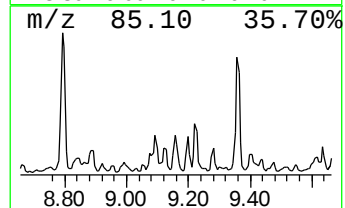
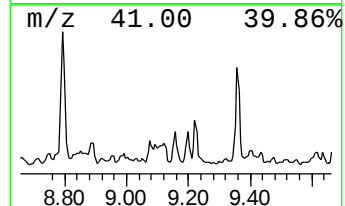
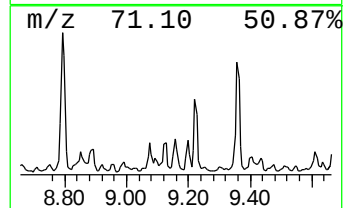
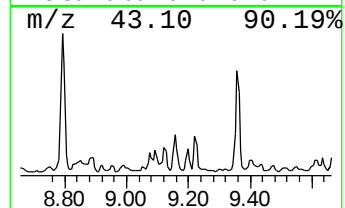
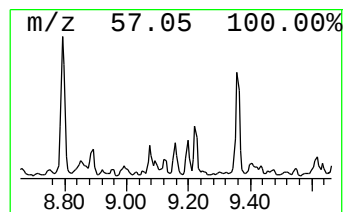
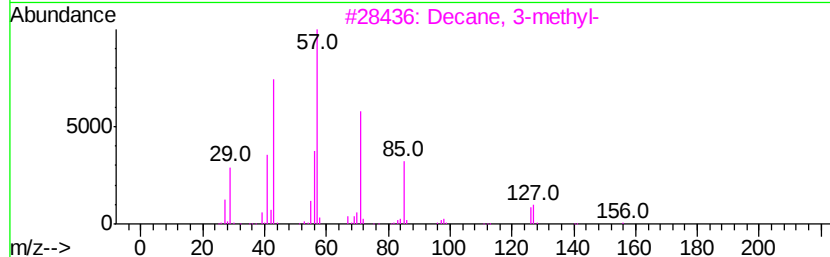
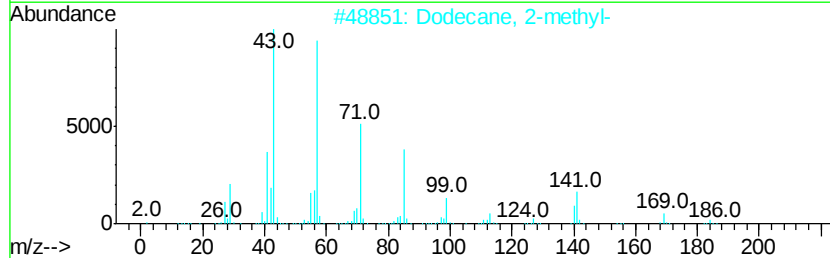
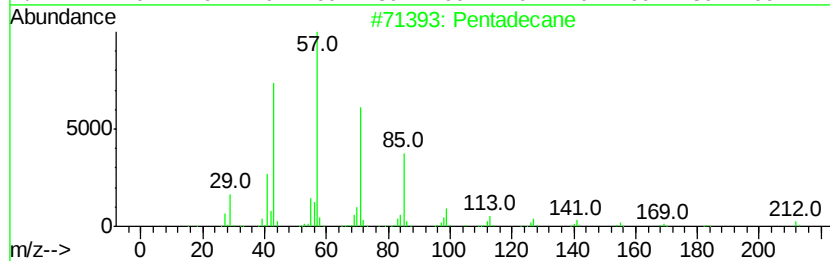
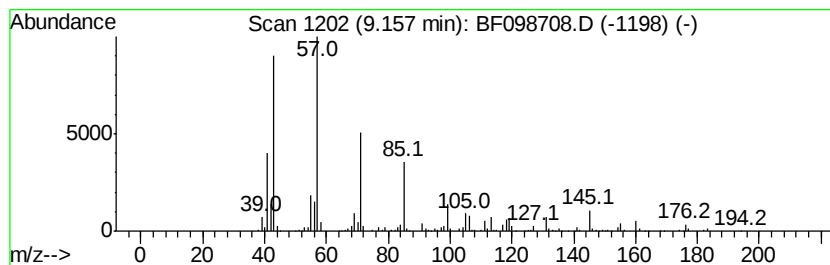
Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.16	8.61 ng	620501	Acenaphthene-d10		9.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	59
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
3	Decane, 3-methyl-	156	C11H24	013151-34-3	53
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
5	Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098708.D
Acq On : 22 Sep 2017 20:49
Operator : SJ/JU
Sample : I5331-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-A

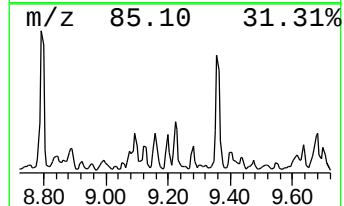
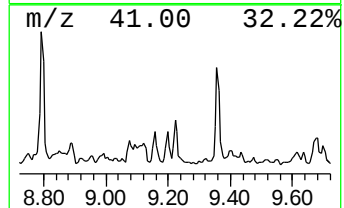
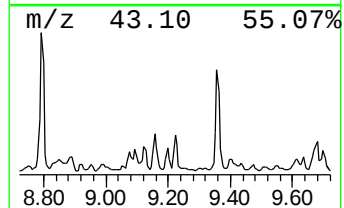
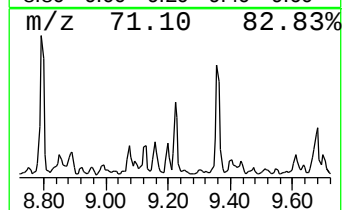
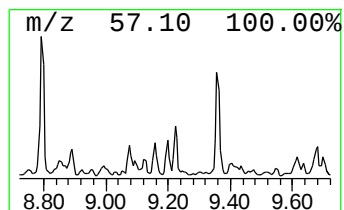
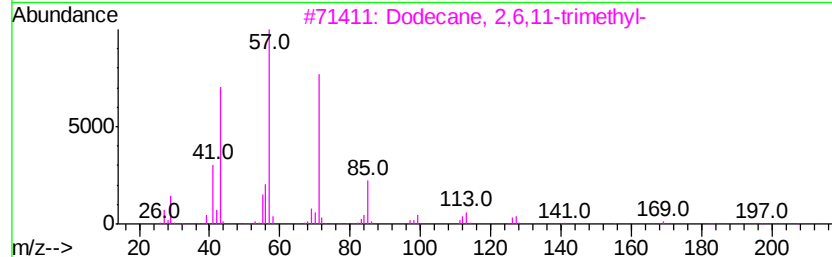
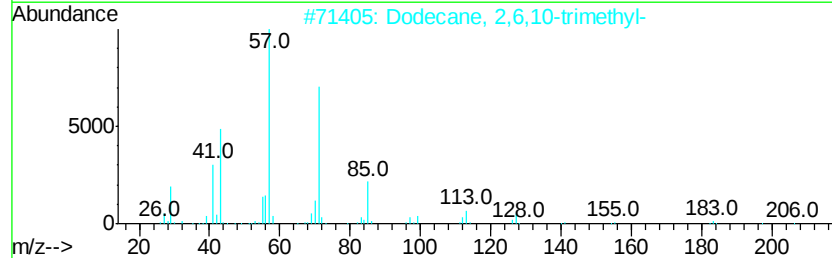
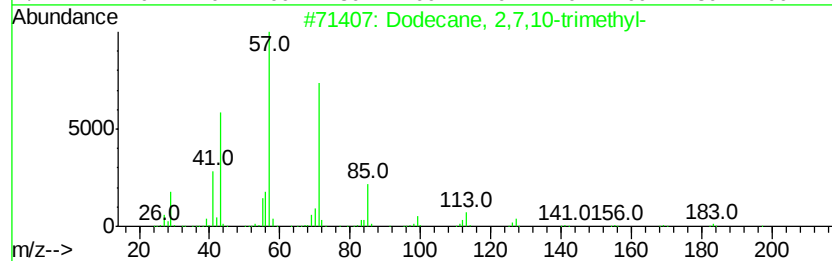
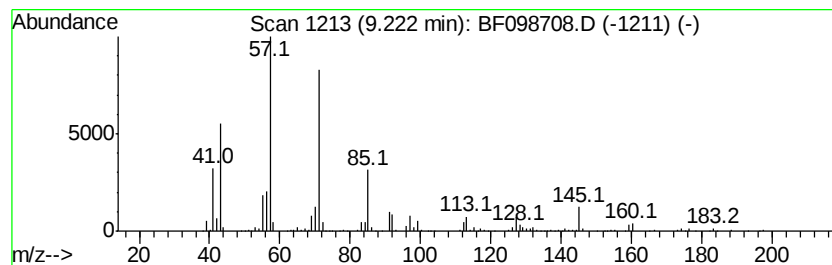
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	9.30 ng	670554	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, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
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\BF092217\
 Data File : BF098708.D
 Acq On : 22 Sep 2017 20:49
 Operator : SJ/JU
 Sample : I5331-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.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
unknown6.69	6.69	16.6	ng	996075	1	6.93	1203860	20.0
Decane	6.76	19.4	ng	1169990	1	6.93	1203860	20.0
unknown7.20	7.20	8.3	ng	500302	1	6.93	1203860	20.0
Nonane, 3,7-dimet...	7.31	12.1	ng	726696	1	6.93	1203860	20.0
Benzene, 1,3-diet...	7.57	9.5	ng	517182	2	8.21	1088410	20.0
Undecane, 5-methyl-	7.89	10.4	ng	566606	2	8.21	1088410	20.0
Undecane, 4-methyl-	7.92	9.0	ng	488826	2	8.21	1088410	20.0
Undecane, 2,4-dim...	7.95	14.3	ng	775815	2	8.21	1088410	20.0
Undecane, 2,6-dim...	8.26	18.8	ng	1023870	2	8.21	1088410	20.0
Naphthalene, 1,2,...	8.40	7.0	ng	380421	2	8.21	1088410	20.0
unknown8.50	8.50	16.0	ng	871998	2	8.21	1088410	20.0
Heptacosane	8.58	10.3	ng	561995	2	8.21	1088410	20.0
Dodecane, 2,6,11-...	8.62	17.0	ng	924416	2	8.21	1088410	20.0
Naphthalene, 1,2,...	8.71	10.5	ng	570255	2	8.21	1088410	20.0
Tetradecane	8.79	30.6	ng	1662350	2	8.21	1088410	20.0
Pentadecane	9.16	8.6	ng	620501	3	9.96	1441580	20.0
Dodecane, 2,7,10-...	9.22	9.3	ng	670554	3	9.96	1441580	20.0