

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108834.D
 Acq On : 6 Sep 2018 20:15
 Operator : JU/SJ
 Sample : J4803-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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	4.931	437	441	449	rVB	159210	186440	3.68%	0.238%
2	5.343	506	511	514	rBV	4087130	3931659	77.57%	5.010%
3	5.654	560	564	575	rBV3	47845	85031	1.68%	0.108%
4	5.754	577	581	586	rVB3	68427	93574	1.85%	0.119%
5	5.819	586	592	595	rBV2	58805	95694	1.89%	0.122%
6	5.901	600	606	610	rVB	131824	147979	2.92%	0.189%
7	5.948	610	614	619	rBV2	93173	139881	2.76%	0.178%
8	5.995	619	622	625	rBV	418594	416207	8.21%	0.530%
9	6.054	628	632	635	rBV	344156	308333	6.08%	0.393%
10	6.190	649	655	658	rBV	257268	328582	6.48%	0.419%
11	6.248	658	665	667	rBV2	237273	264861	5.23%	0.338%
12	6.278	667	670	673	rBV4	272575	294391	5.81%	0.375%
13	6.366	678	685	688	rBV	4302968	4593160	90.62%	5.853%
14	6.395	688	690	692	rVB2	103224	72278	1.43%	0.092%
15	6.419	692	694	696	rVB2	168185	124980	2.47%	0.159%
16	6.442	696	698	702	rVB2	149120	150996	2.98%	0.192%
17	6.501	702	708	711	rBV	4534983	4878217	96.25%	6.216%
18	6.525	711	712	716	rVB3	118839	79896	1.58%	0.102%
19	6.566	716	719	721	rVB2	240940	193287	3.81%	0.246%
20	6.590	721	723	725	rBV	313228	285576	5.63%	0.364%
21	6.654	728	734	735	rBV5	145578	195483	3.86%	0.249%
22	6.690	735	740	742	rBV3	204612	350160	6.91%	0.446%
23	6.737	742	748	751	rBV	2528393	2424742	47.84%	3.090%
24	6.766	751	753	756	rVB	1793482	1572384	31.02%	2.004%
25	6.807	756	760	763	rBV3	496105	637368	12.58%	0.812%
26	6.848	763	767	768	rBV3	280369	344141	6.79%	0.439%
27	6.895	768	775	779	rVB2	3935605	4245664	83.77%	5.410%
28	6.931	779	781	784	rVB	407548	340727	6.72%	0.434%
29	6.960	784	786	787	rBV	245696	198978	3.93%	0.254%
30	6.984	787	790	792	rVB3	302211	217746	4.30%	0.277%
31	7.025	792	797	801	rVB4	698812	1075349	21.22%	1.370%
32	7.060	801	803	806	rVB2	464211	361514	7.13%	0.461%
33	7.095	806	809	812	rBV	546332	656035	12.94%	0.836%
34	7.137	813	816	818	rBV2	589771	442594	8.73%	0.564%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108834.D
 Acq On : 6 Sep 2018 20:15
 Operator : JU/SJ
 Sample : J4803-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.172	818	822	824	rBV3	235007	311370	6.14%	0.397%
36	7.225	829	831	834	rVV3	312927	420599	8.30%	0.536%
37	7.295	834	843	846	rVV	3176360	4556985	89.91%	5.807%
38	7.331	846	849	850	rVV	518273	581102	11.47%	0.740%
39	7.348	850	852	855	rVV2	641814	720147	14.21%	0.918%
40	7.390	855	859	864	rVV4	804675	1434128	28.30%	1.827%
41	7.442	864	868	869	rVV4	488161	651128	12.85%	0.830%
42	7.466	869	872	876	rVV2	734178	1051808	20.75%	1.340%
43	7.501	876	878	881	rVV3	418654	570353	11.25%	0.727%
44	7.537	881	884	885	rVV2	932979	942192	18.59%	1.201%
45	7.548	885	886	890	rVV2	728377	683776	13.49%	0.871%
46	7.589	890	893	895	rVV	267851	308000	6.08%	0.392%
47	7.613	895	897	899	rVV2	220240	256331	5.06%	0.327%
48	7.642	899	902	904	rVV3	329805	493539	9.74%	0.629%
49	7.666	904	906	910	rVB3	879945	893237	17.62%	1.138%
50	7.713	910	914	917	rBV3	325717	440358	8.69%	0.561%
51	7.748	918	920	923	rVV3	196870	190485	3.76%	0.243%
52	7.784	923	926	930	rVB3	209904	263178	5.19%	0.335%
53	7.854	935	938	942	rVB4	303498	314883	6.21%	0.401%
54	7.895	942	945	947	rBV2	118917	147046	2.90%	0.187%
55	7.919	947	949	954	rVB3	183352	221999	4.38%	0.283%
56	7.966	955	957	959	rVV2	132490	118235	2.33%	0.151%
57	8.019	962	966	969	rVV	2888648	2655325	52.39%	3.384%
58	8.095	977	979	982	rVB	406651	321079	6.33%	0.409%
59	8.195	991	996	1001	rVB6	81363	116586	2.30%	0.149%
60	8.313	1013	1016	1020	rVB5	62443	102623	2.02%	0.131%
61	8.454	1037	1040	1045	rBV2	188152	189845	3.75%	0.242%
62	8.636	1066	1071	1076	rBV4	59479	89274	1.76%	0.114%
63	8.707	1081	1083	1091	rVB4	58722	106400	2.10%	0.136%
64	9.054	1139	1142	1144	rVB	100584	82447	1.63%	0.105%
65	9.095	1144	1149	1152	rBV	5484363	5068349	100.00%	6.459%
66	9.272	1176	1179	1186	rVB4	51646	65546	1.29%	0.084%
67	9.483	1211	1215	1218	rBV	1913300	1539583	30.38%	1.962%
68	9.766	1258	1263	1267	rBV2	3341141	2918167	57.58%	3.719%
69	10.548	1391	1396	1399	rBV	3330519	2944347	58.09%	3.752%
70	11.242	1510	1514	1516	rVV	3233359	2758335	54.42%	3.515%
71	11.266	1516	1518	1521	rVV	503323	372693	7.35%	0.475%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108834.D
 Acq On : 6 Sep 2018 20:15
 Operator : JU/SJ
 Sample : J4803-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.313	1521	1526	1530	rVB	143666	130873	2.58%	0.167%
73	11.783	1601	1606	1609	rBV2	285632	355361	7.01%	0.453%
74	11.848	1615	1617	1620	rBV	115089	126622	2.50%	0.161%
75	12.448	1715	1719	1723	rBV	644054	567395	11.19%	0.723%
76	12.495	1724	1727	1732	rBV3	151115	162294	3.20%	0.207%
77	12.566	1736	1739	1742	rBV4	65223	90177	1.78%	0.115%
78	12.672	1752	1757	1760	rBV	636682	608406	12.00%	0.775%
79	12.824	1779	1783	1786	rBV	4354266	3790373	74.79%	4.830%
80	13.071	1822	1825	1828	rVV2	63840	64141	1.27%	0.082%
81	13.101	1828	1830	1839	rVB4	85092	122289	2.41%	0.156%
82	13.736	1935	1938	1945	rVB	236704	292270	5.77%	0.372%
83	13.866	1955	1960	1963	rBV	2427067	2389179	47.14%	3.044%
84	13.889	1963	1964	1970	rVB	267660	191522	3.78%	0.244%
85	14.054	1989	1992	1995	rBV2	89816	86971	1.72%	0.111%
86	14.360	2042	2044	2048	rVB2	84163	85119	1.68%	0.108%
87	14.624	2086	2089	2092	rBV	181491	201384	3.97%	0.257%
88	14.654	2092	2094	2099	rVV	150779	160464	3.17%	0.204%
89	14.724	2103	2106	2111	rVB	331563	299173	5.90%	0.381%
90	14.871	2128	2131	2134	rBV	200748	276151	5.45%	0.352%
91	14.971	2145	2148	2152	rVB	205555	232253	4.58%	0.296%
92	15.154	2176	2179	2183	rVV	151972	162599	3.21%	0.207%
93	15.213	2185	2189	2194	rVV	217126	246700	4.87%	0.314%
94	15.271	2194	2199	2203	rVV	1673253	1980494	39.08%	2.524%
95	15.330	2206	2209	2213	rVB	166359	205376	4.05%	0.262%
96	15.736	2275	2278	2283	rVB	164218	216160	4.26%	0.275%
97	16.118	2339	2343	2351	rVB8	102743	211395	4.17%	0.269%
98	16.207	2354	2358	2368	rVB3	133703	247350	4.88%	0.315%
99	16.618	2425	2428	2438	rVB2	101981	186278	3.68%	0.237%
100	16.759	2448	2452	2461	rBV3	77197	151254	2.98%	0.193%

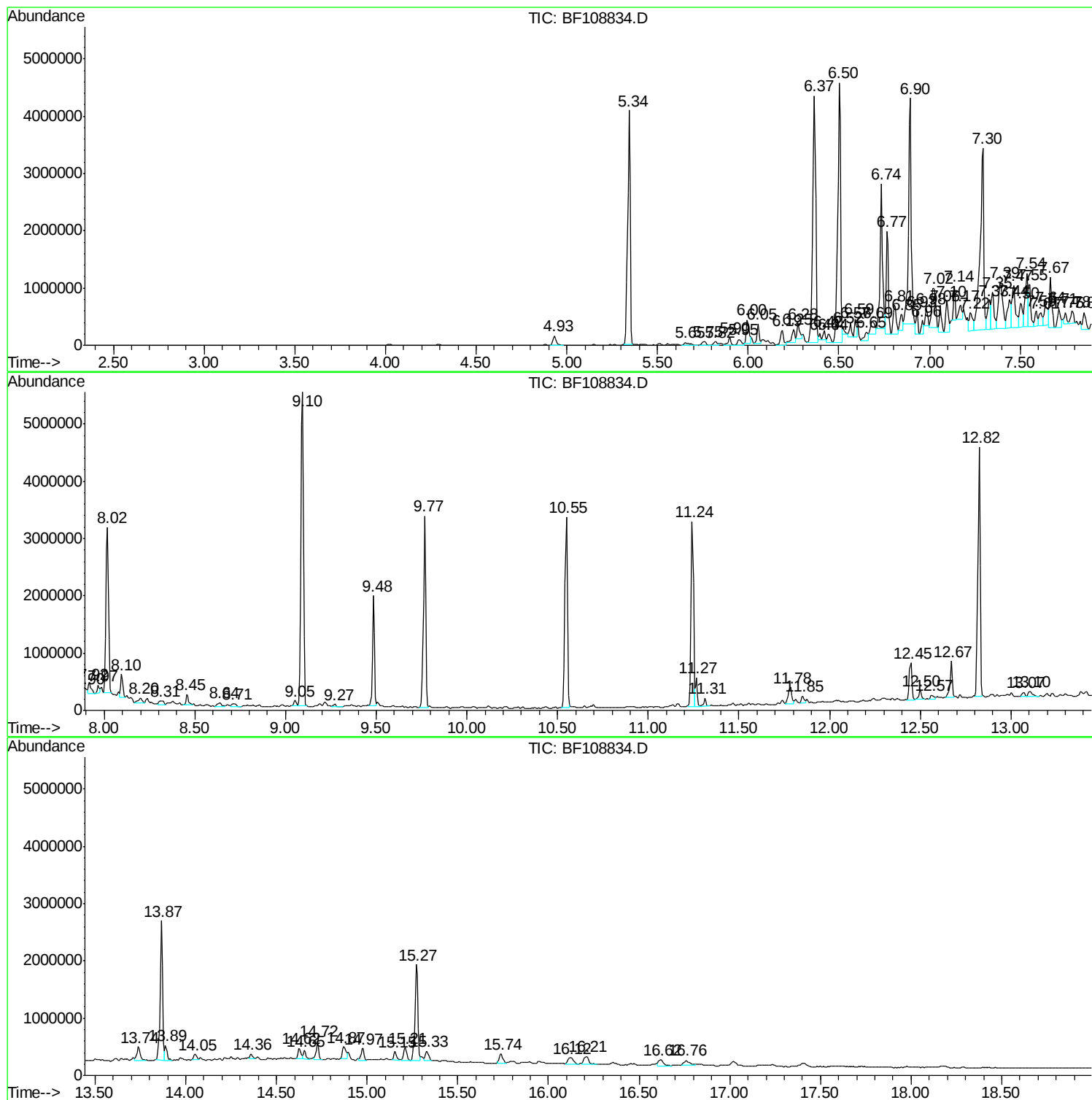
Sum of corrected areas: 78475408

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EP1-Q2-G5

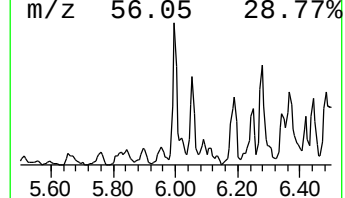
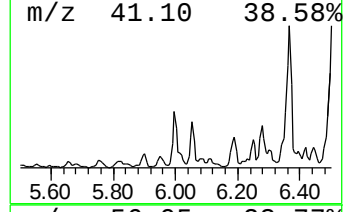
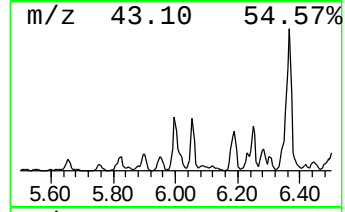
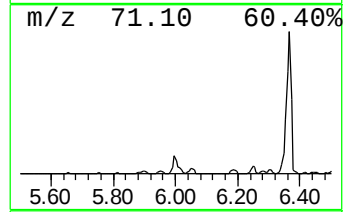
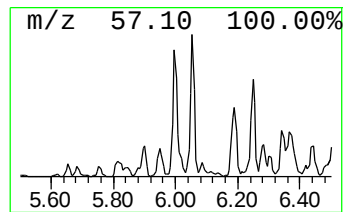
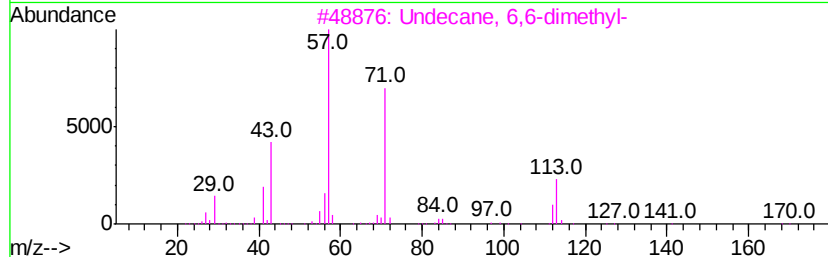
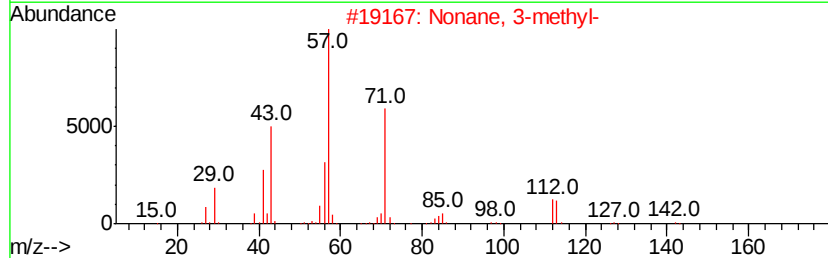
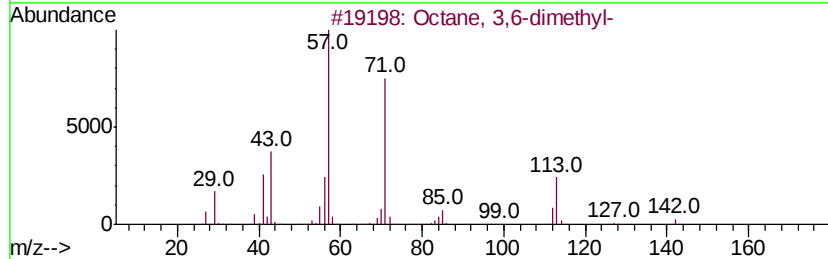
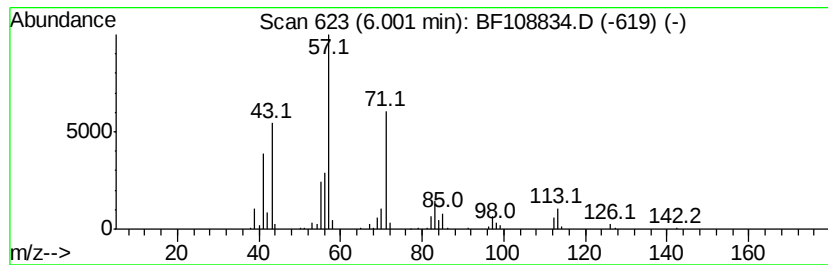
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	3.43 ng	416207	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

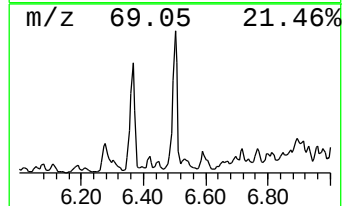
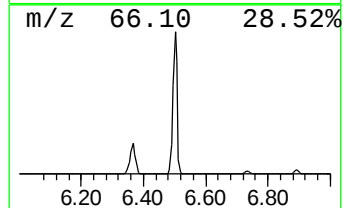
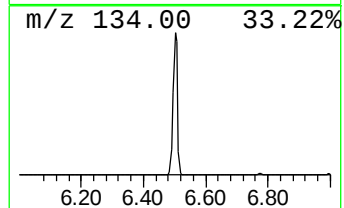
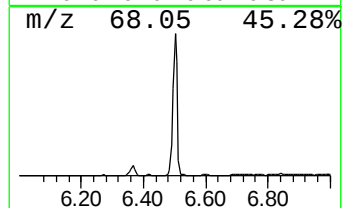
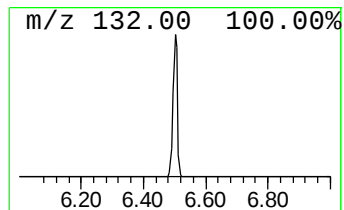
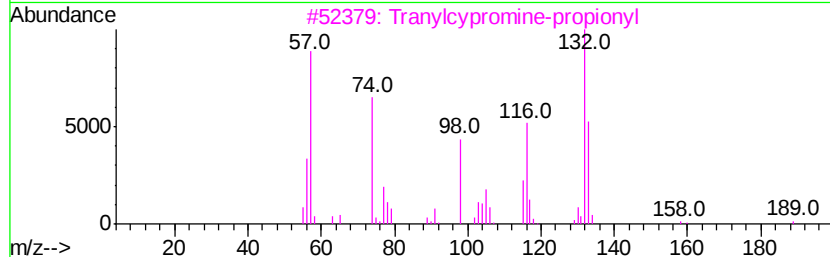
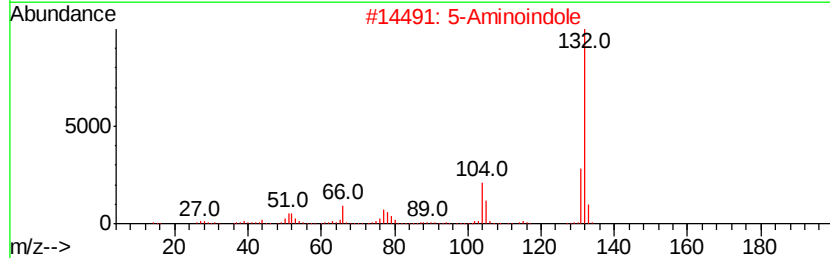
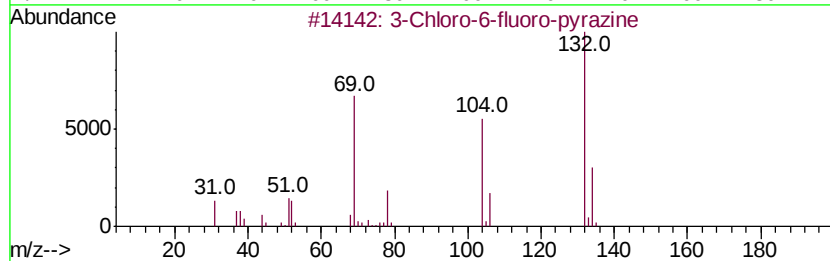
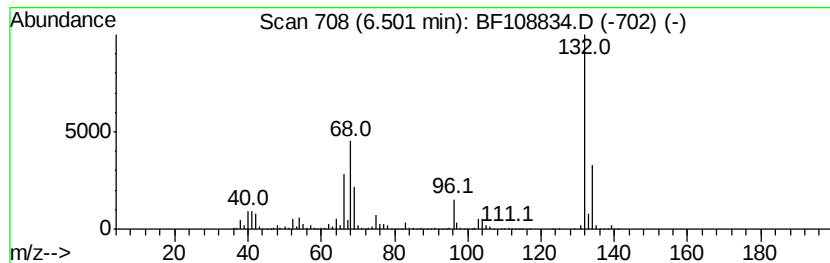
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	40.24 ng	4878220	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

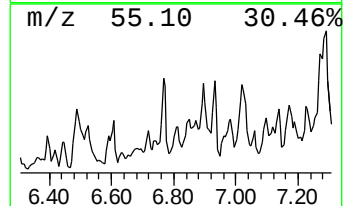
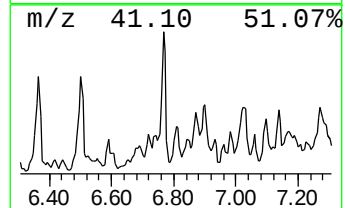
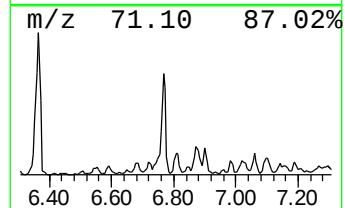
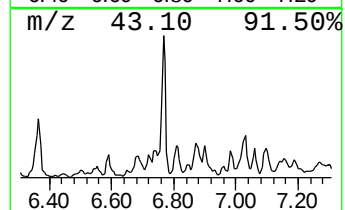
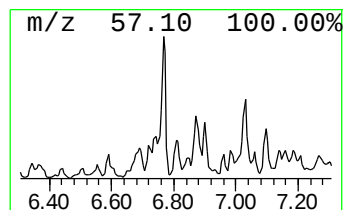
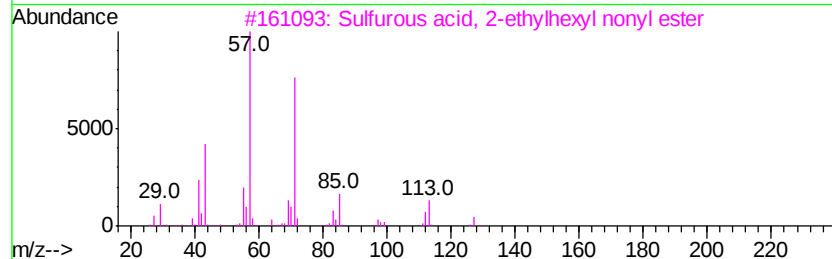
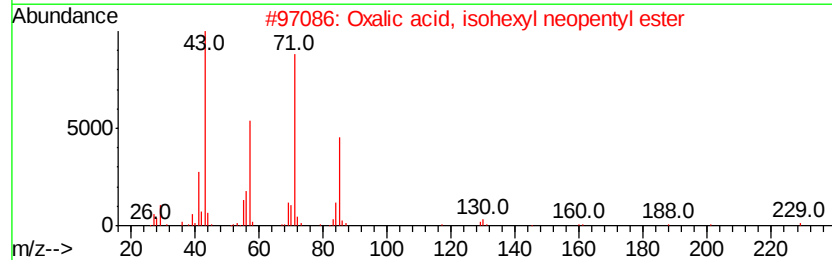
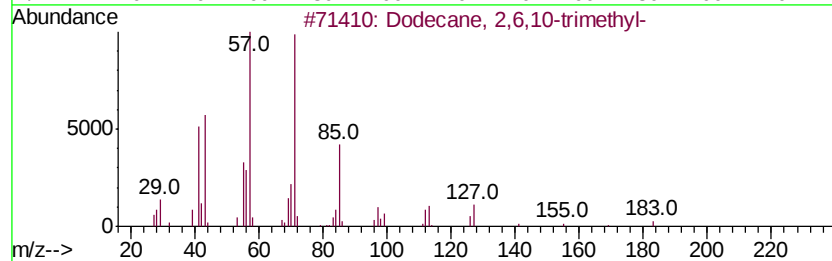
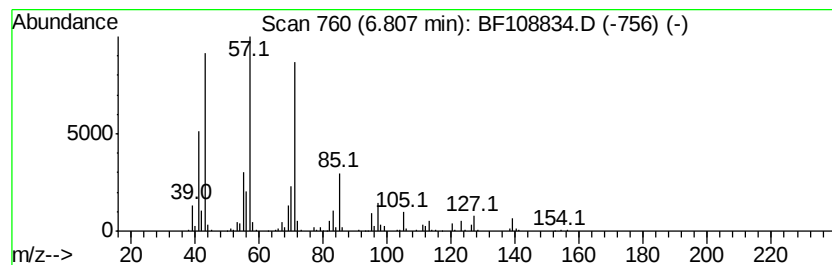
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	5.26 ng	637368	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53
3		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
4		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50
5		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

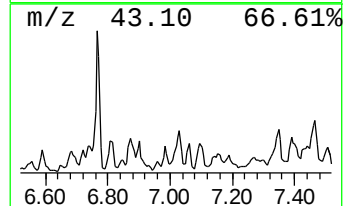
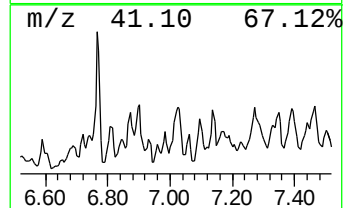
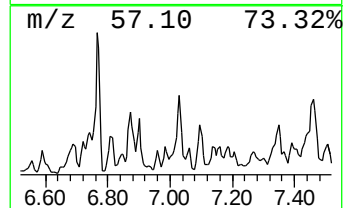
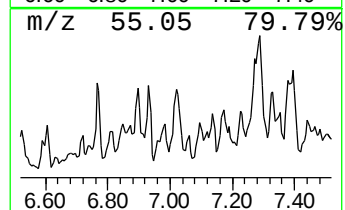
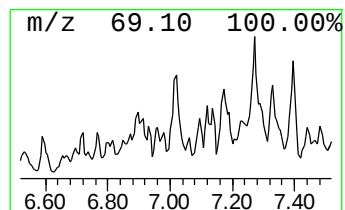
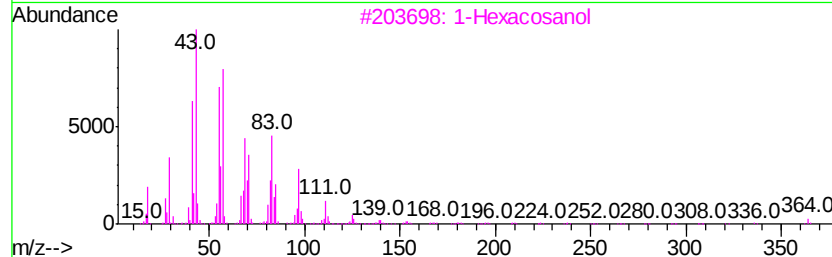
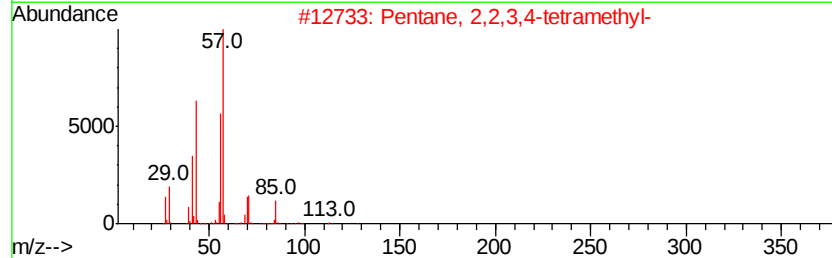
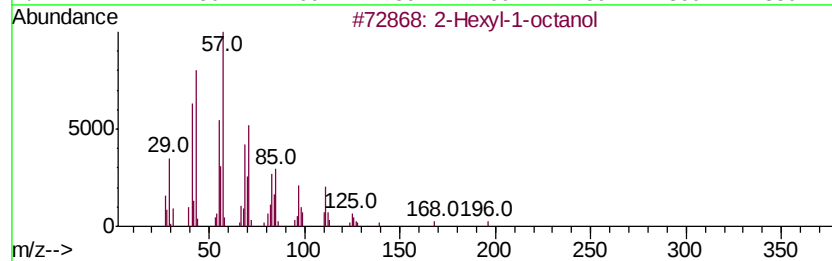
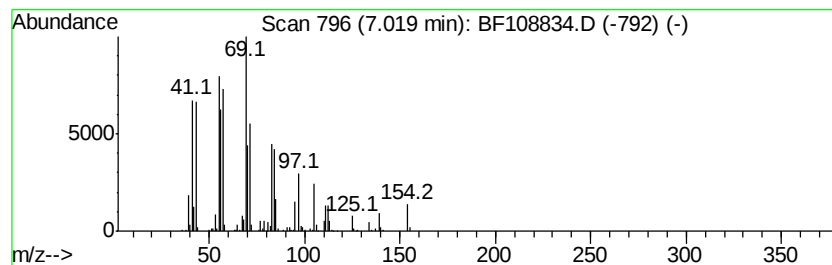
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Hexyl-1-octanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	8.87 ng	1075350	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	59
2		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
3		1-Hexacosanol	382	C26H54O	000506-52-5	50
4		2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	47
5		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

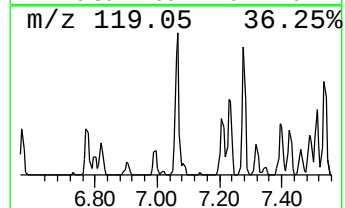
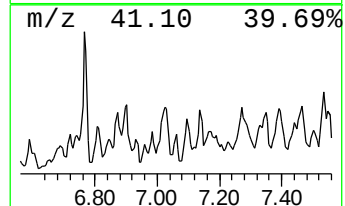
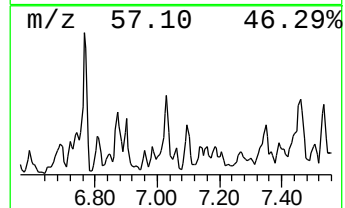
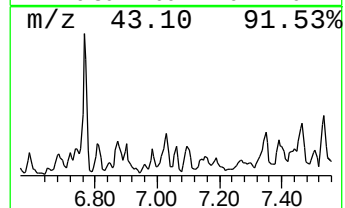
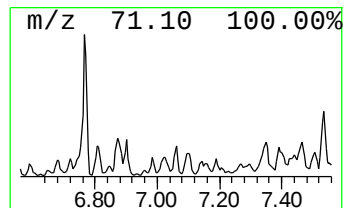
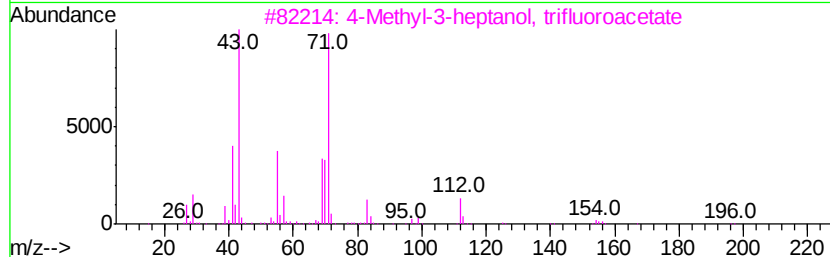
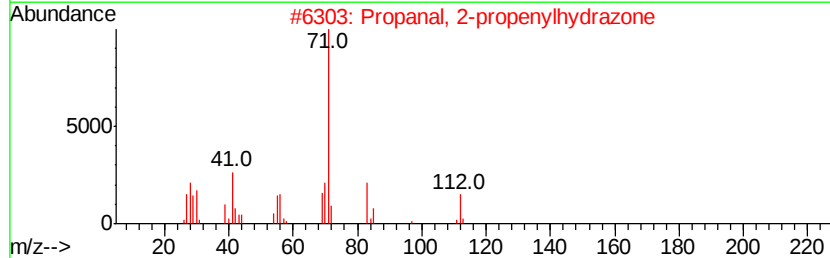
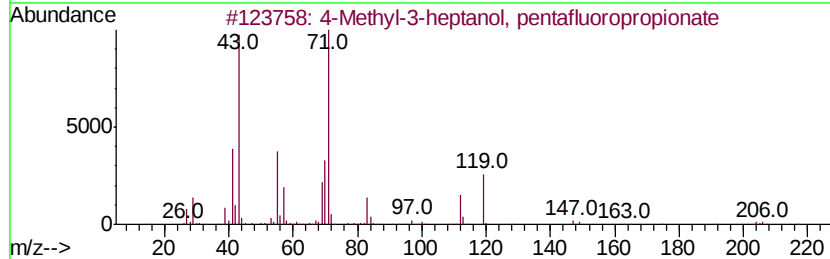
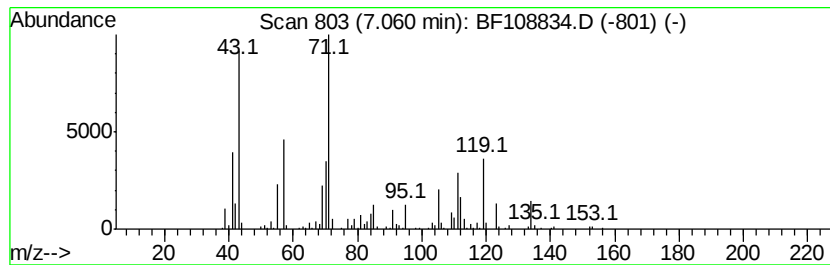
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	2.98 ng	361514	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	47
2		Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	43
3		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	38
4		Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	38
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

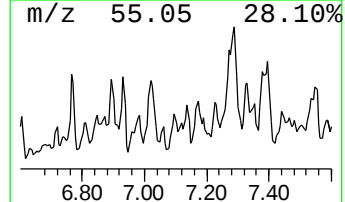
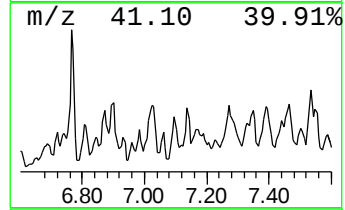
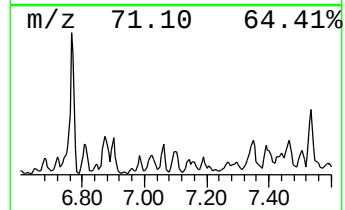
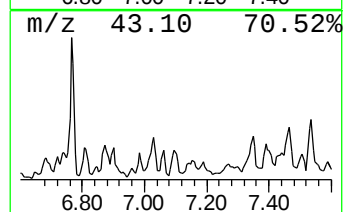
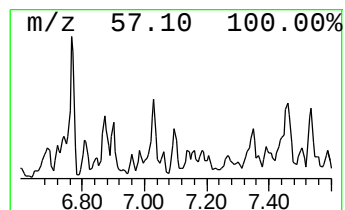
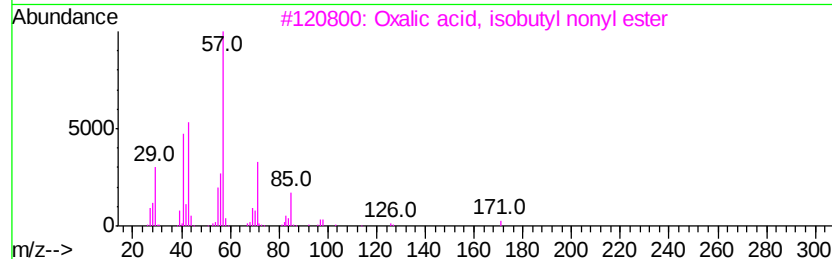
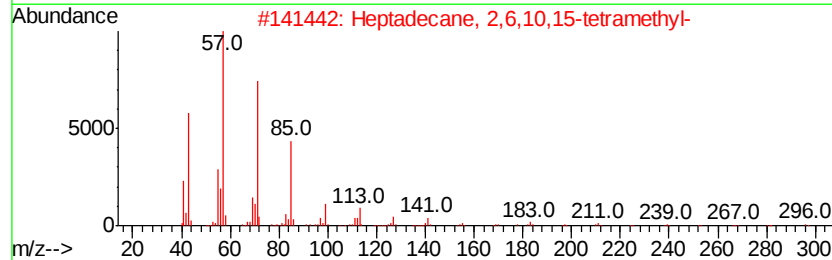
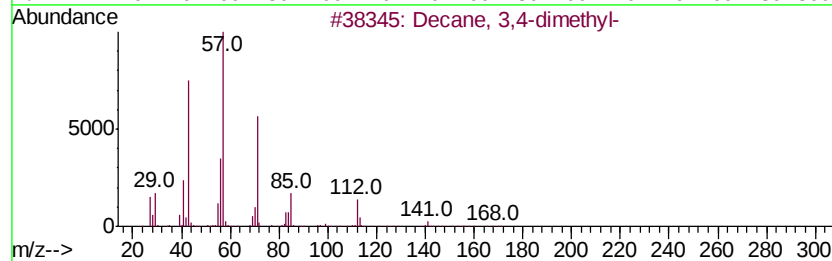
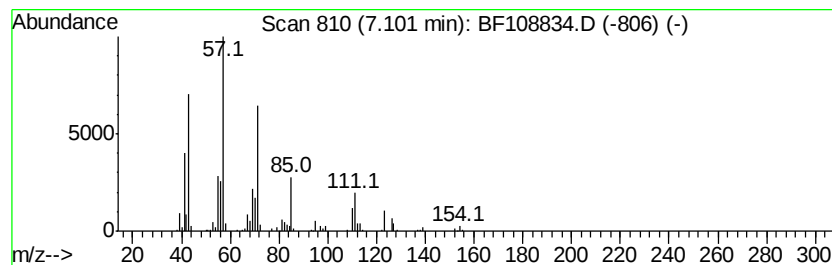
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	5.41 ng	656035	1,4-Dichlorobenzene-d4	6.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	59	
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53	
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53	
4	Decane, 3-methyl-	156	C11H24	013151-34-3	53	
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EP1-Q2-G5

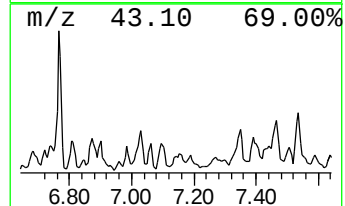
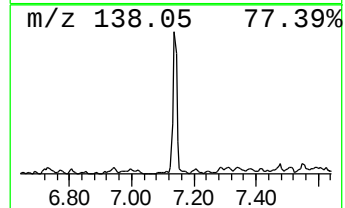
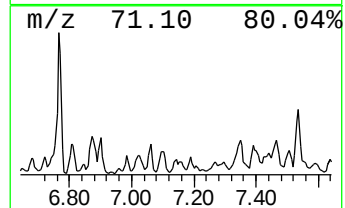
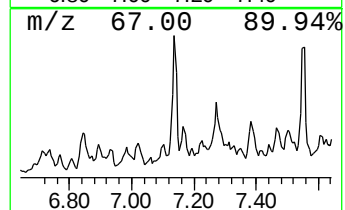
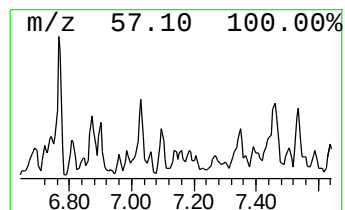
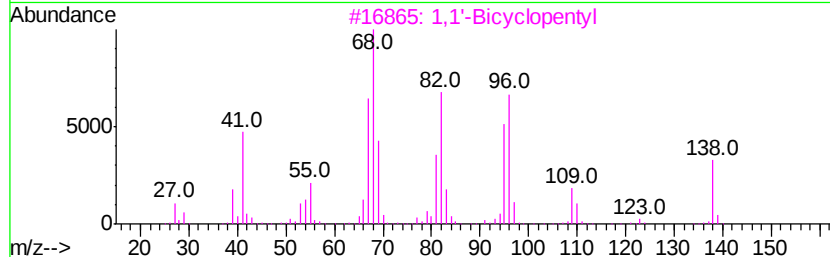
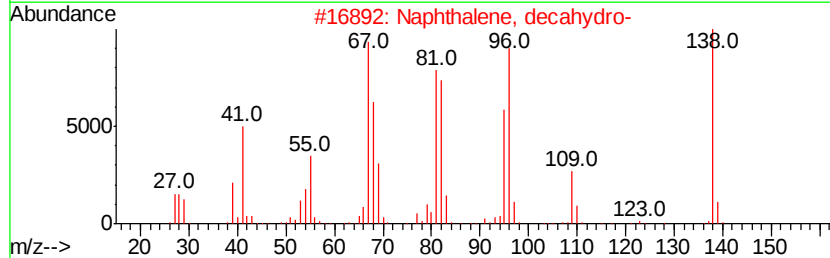
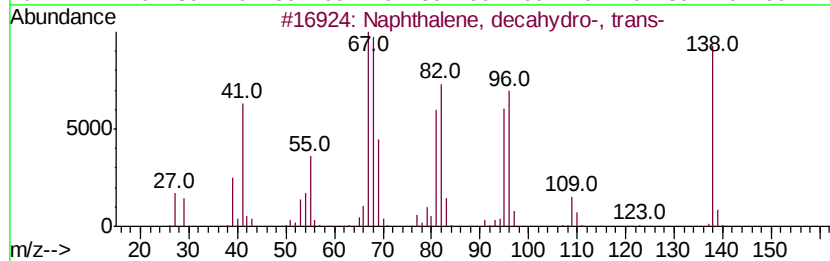
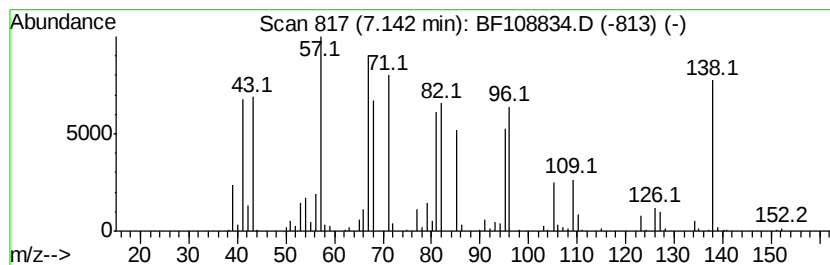
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	3.65 ng	442594	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	81
3			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	60
5			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

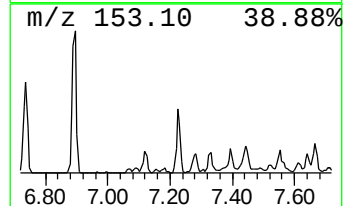
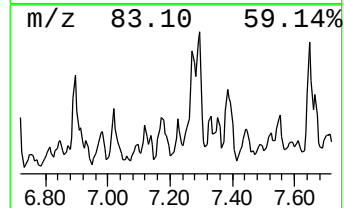
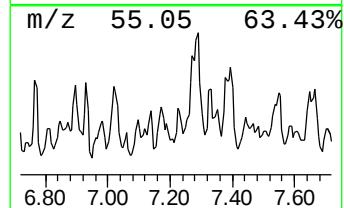
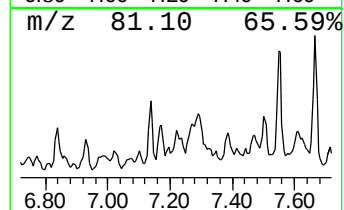
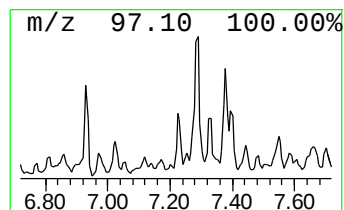
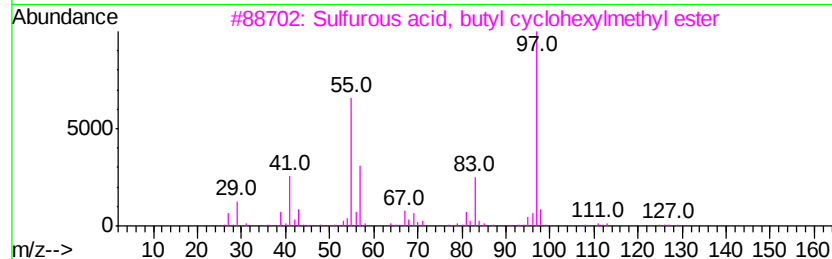
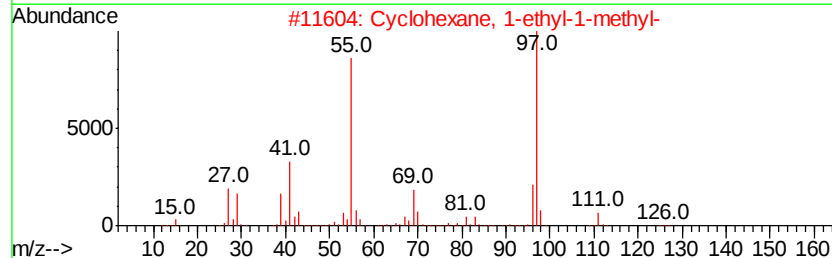
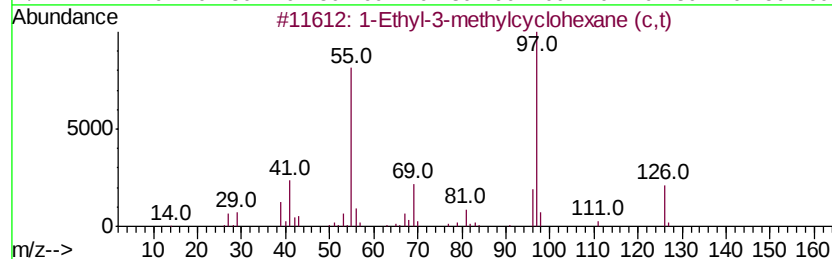
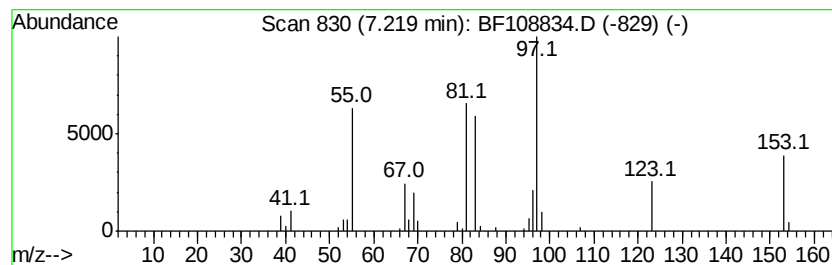
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.22 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	3.47 ng	420599	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
3		Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	47
4		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	43
5		Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

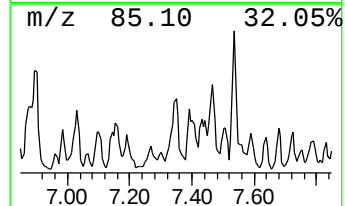
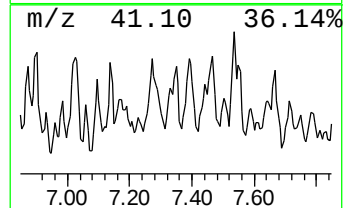
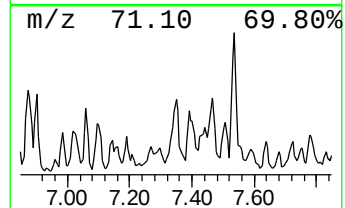
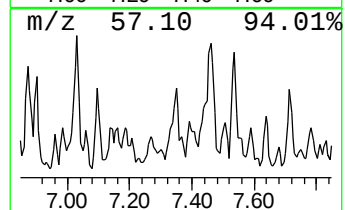
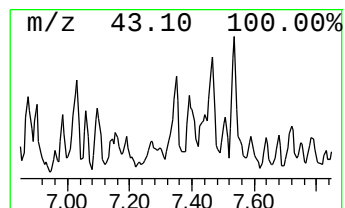
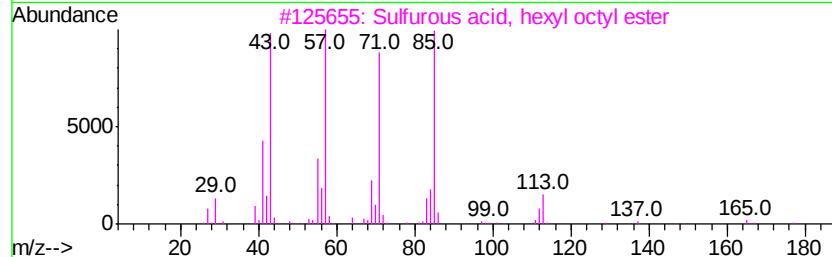
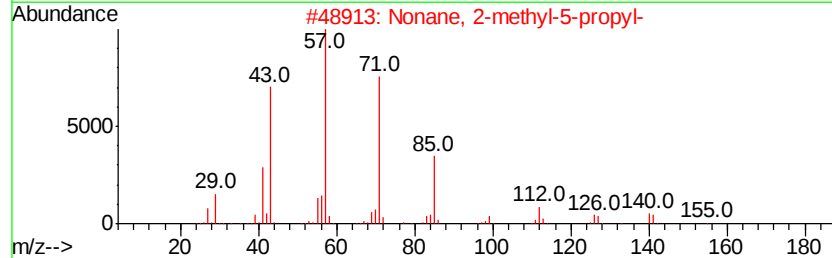
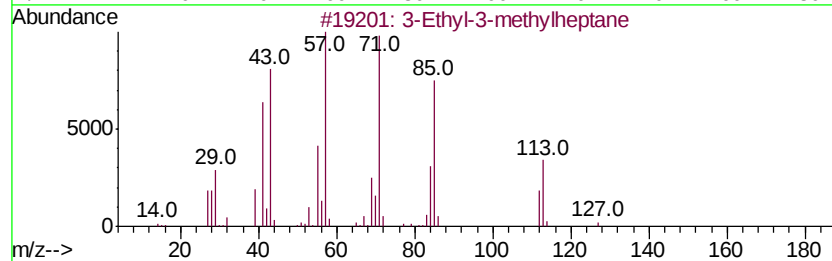
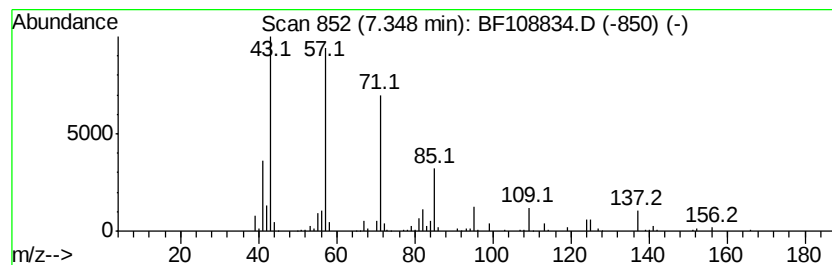
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3-Ethyl-3-methylheptane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	5.94 ng	720147	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50
3			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	47
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

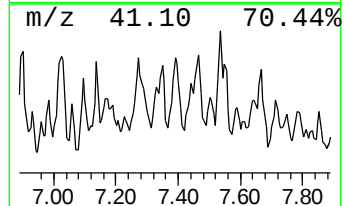
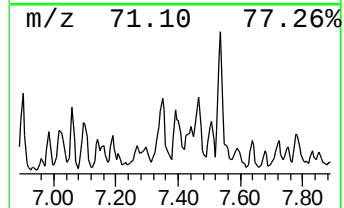
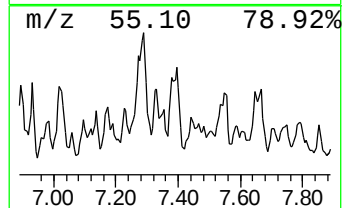
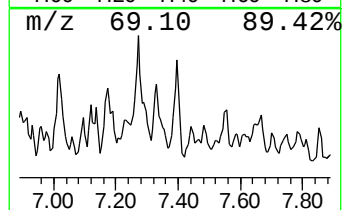
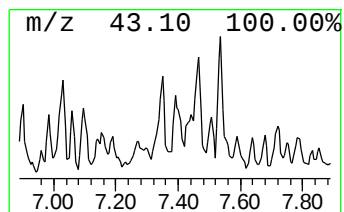
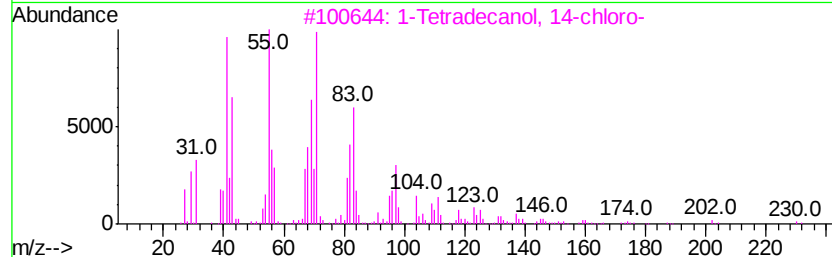
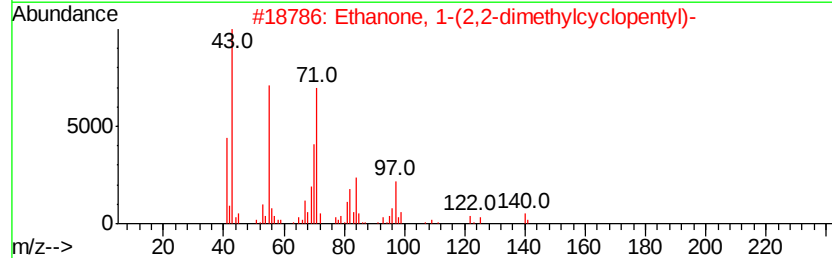
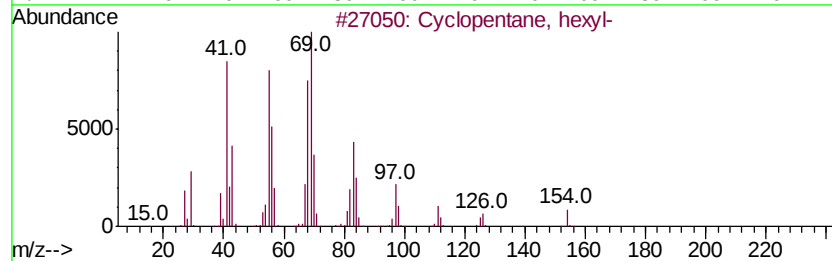
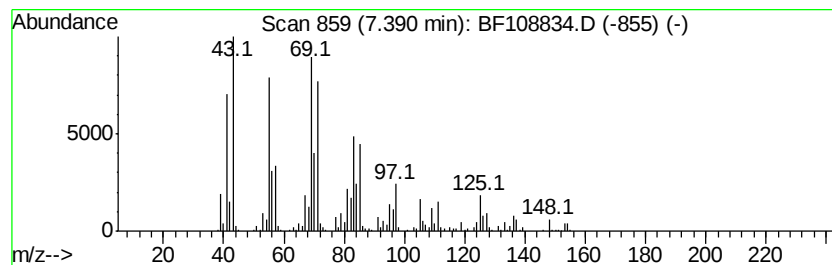
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	10.80 ng	1434130	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	47
2		Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	38
3		1-Tetradecanol, 14-chloro-	248	C14H29ClO	073937-05-0	35
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27
5		Octane, 4-methyl-	128	C9H20	002216-34-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

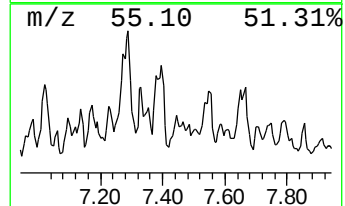
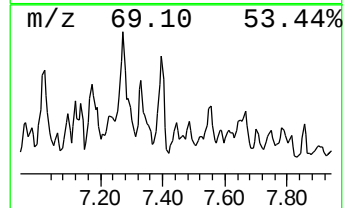
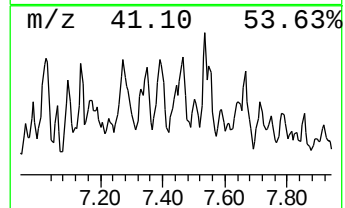
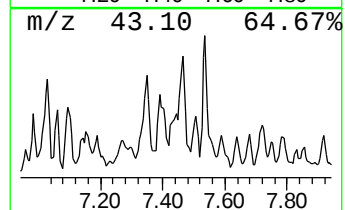
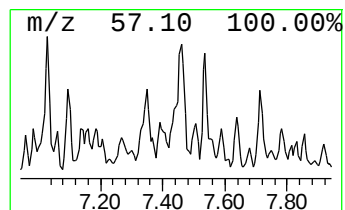
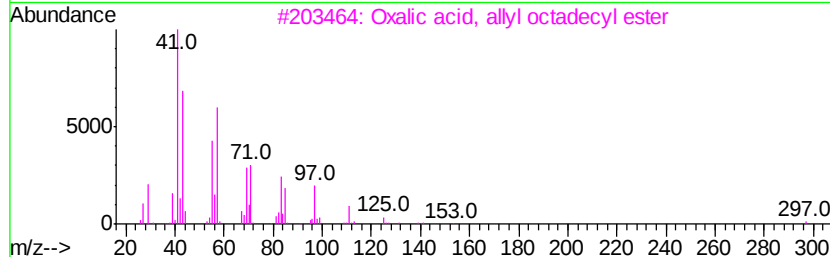
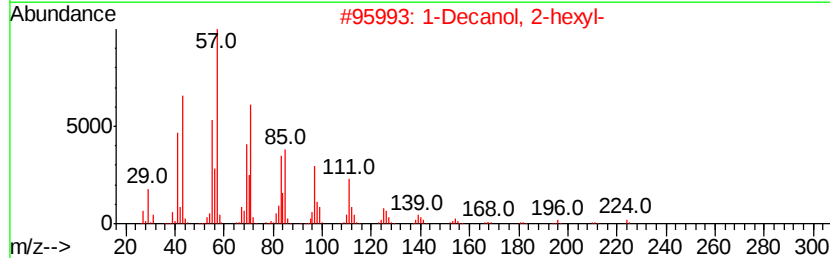
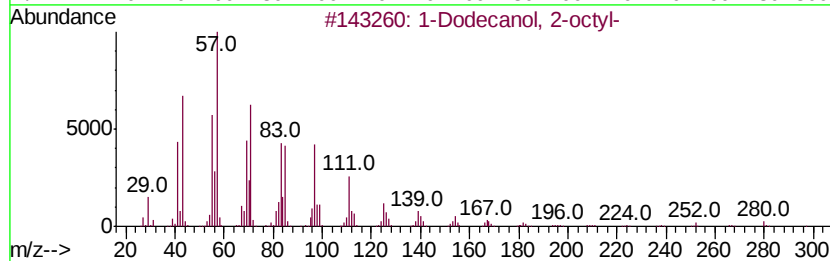
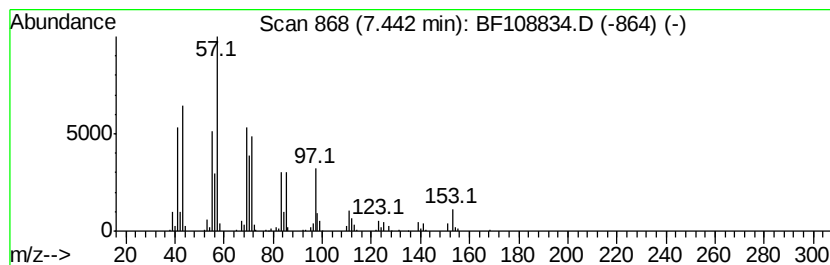
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Dodecanol, 2-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	4.90 ng	651128	Naphthalene-d8	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	64
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
3			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	64
4			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	59
5			Decane	142	C10H22	000124-18-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

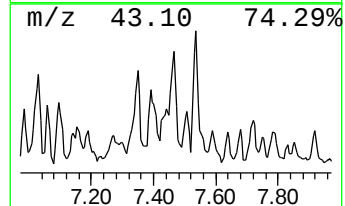
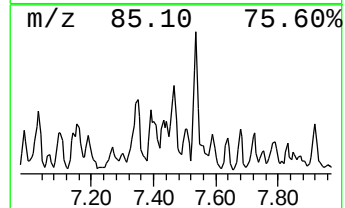
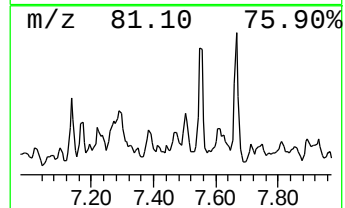
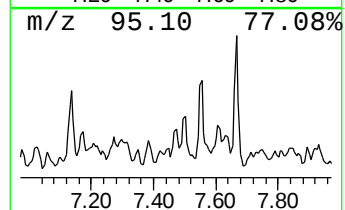
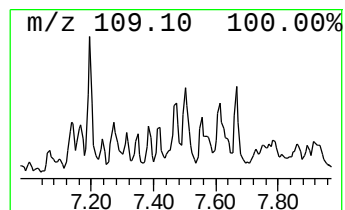
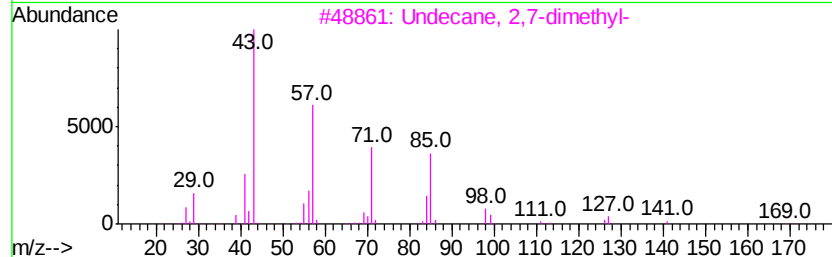
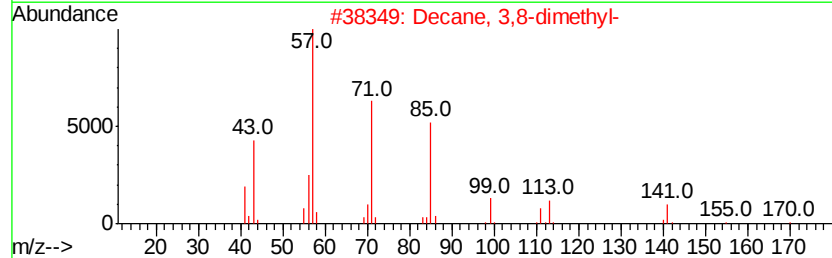
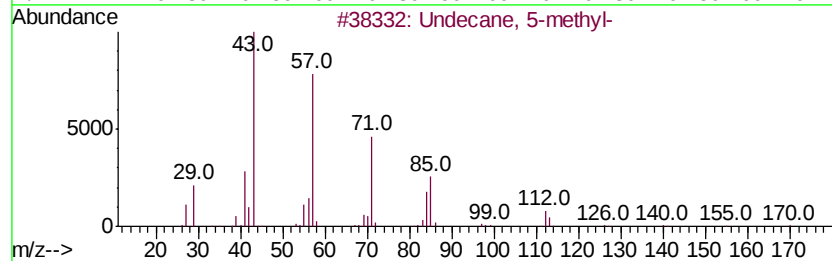
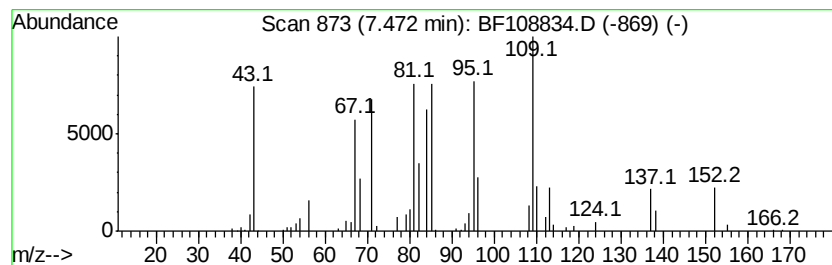
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	7.92 ng	1051810	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
3		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	50
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	49
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

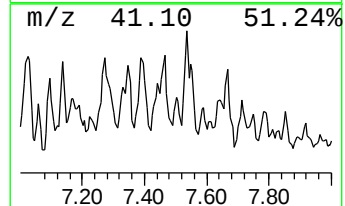
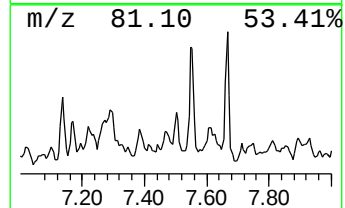
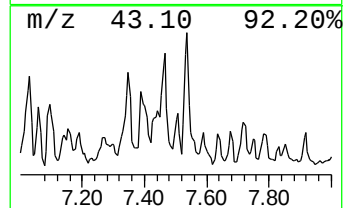
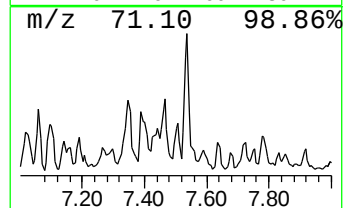
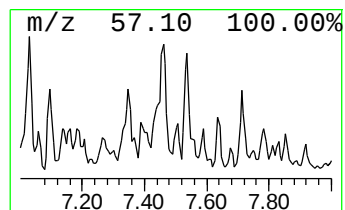
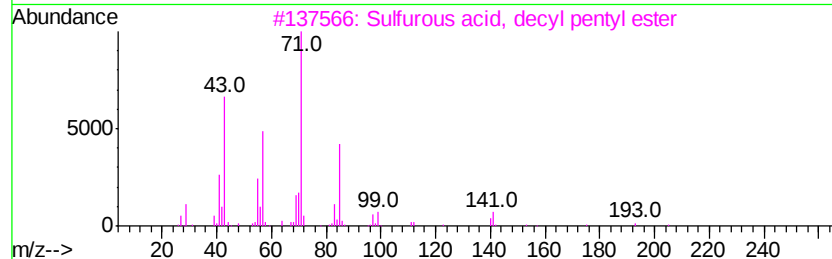
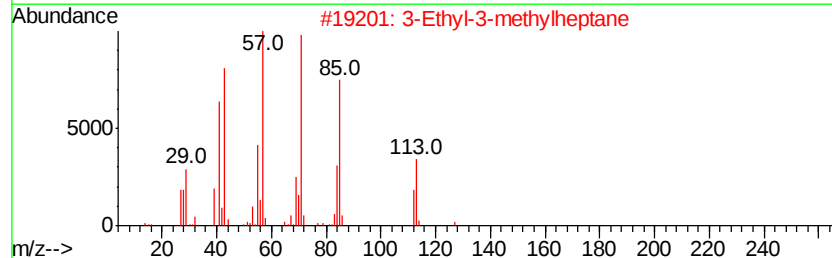
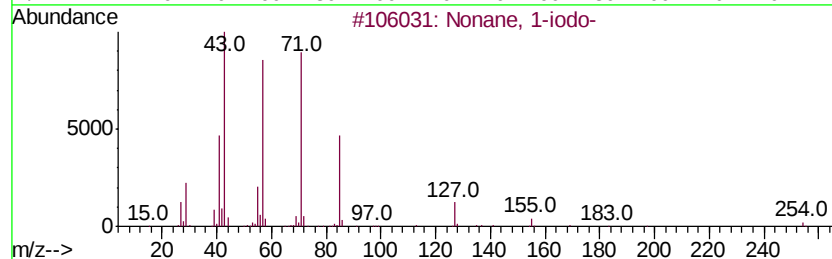
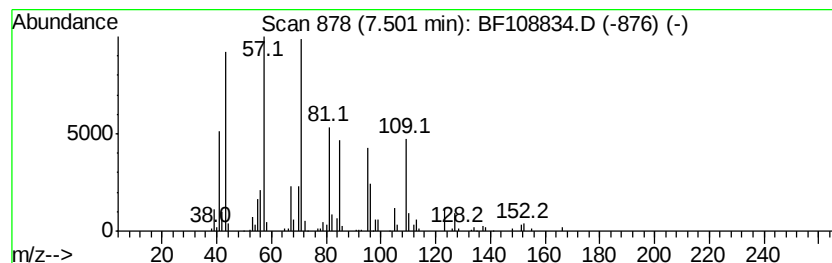
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.50 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	4.30 ng	570353	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	35
2		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	35
3		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	35
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	27
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

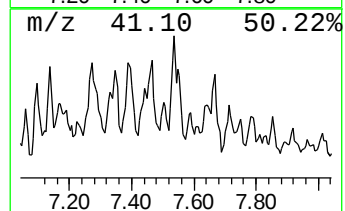
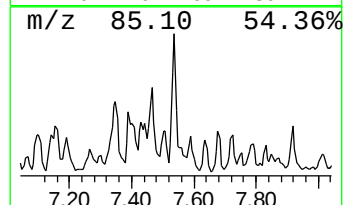
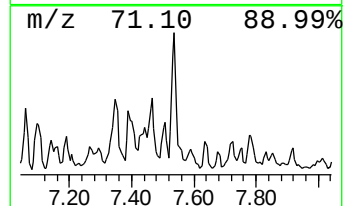
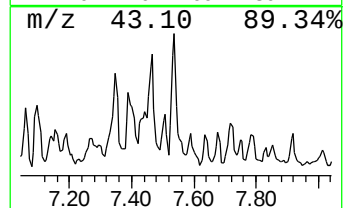
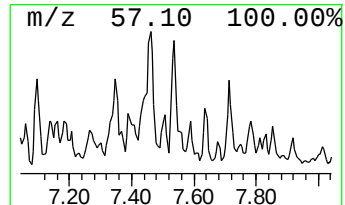
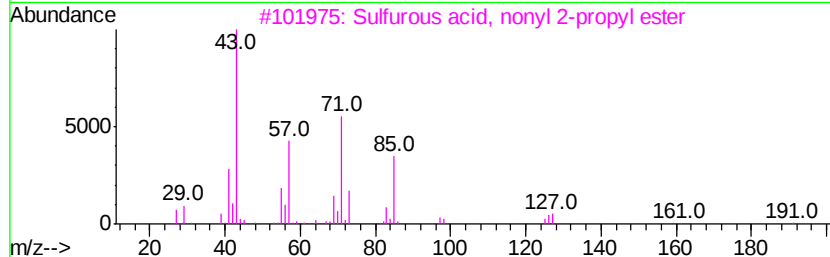
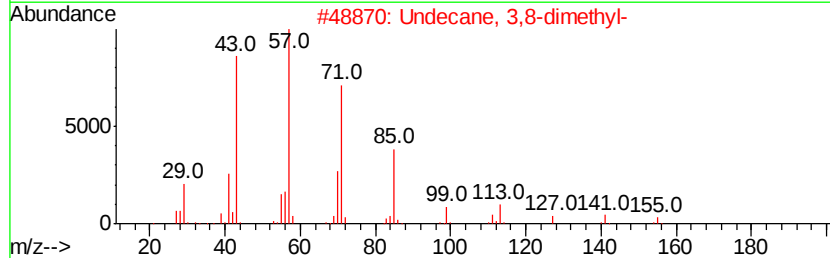
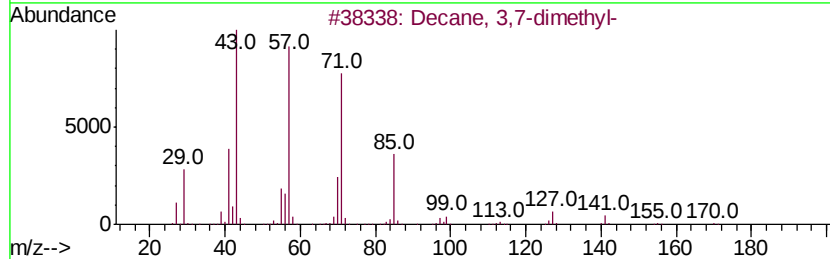
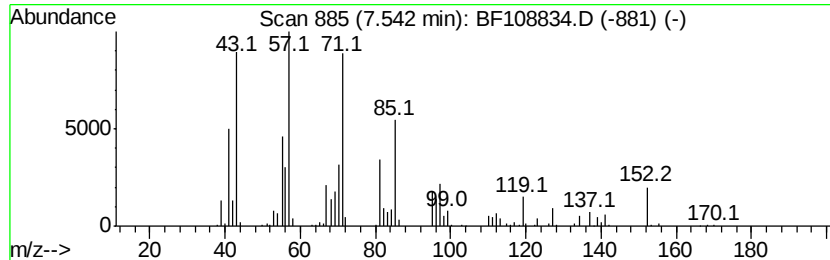
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	7.10 ng	942192	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
3		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	72
4		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	53
5		Decane, 5-propyl-	184	C13H28	017312-62-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

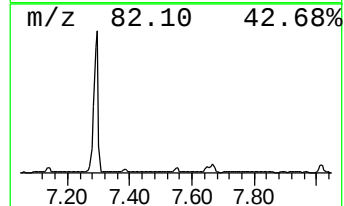
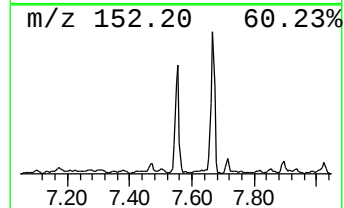
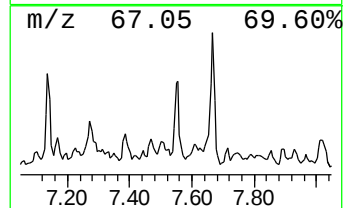
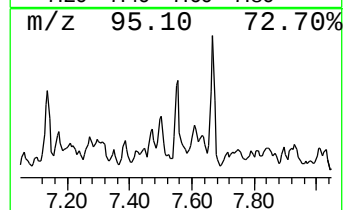
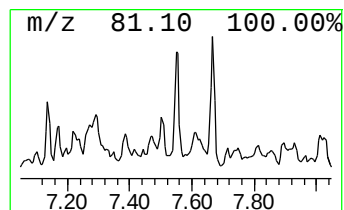
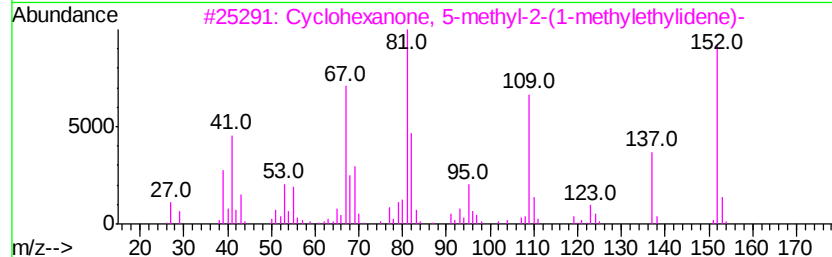
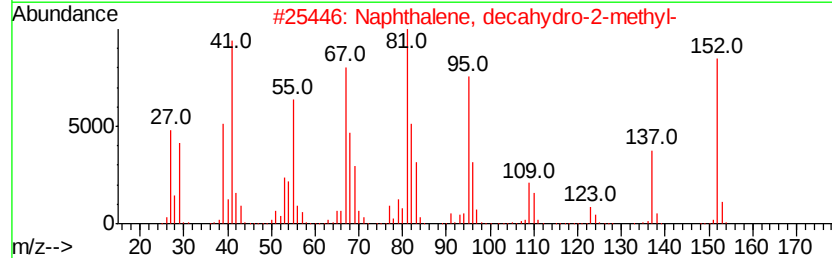
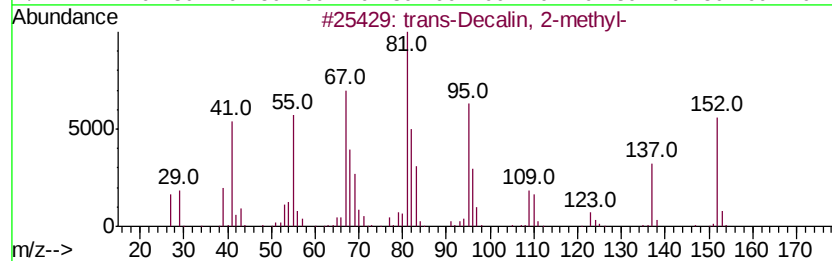
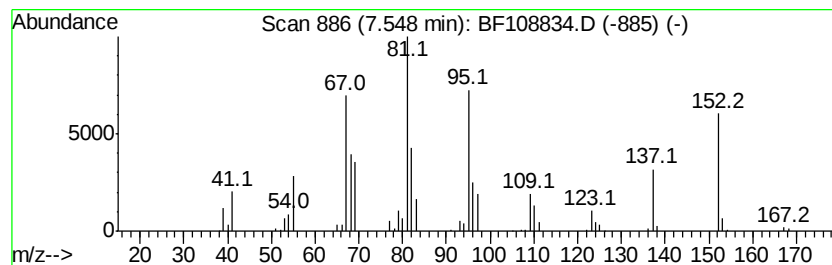
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 trans-Decalin, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.55	5.15 ng	683776	Naphthalene-d8	8.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62
4	Pulegone	152	C10H16O	000089-82-7	52
5	Spiro[5.5]undecane	152	C11H20	000180-43-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EP1-Q2-G5

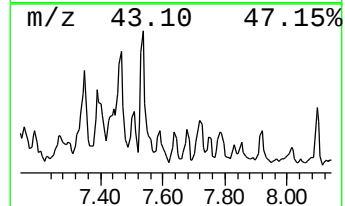
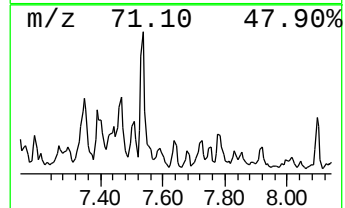
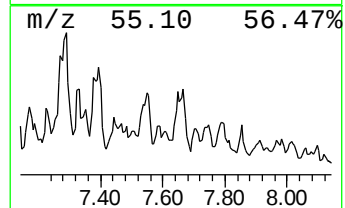
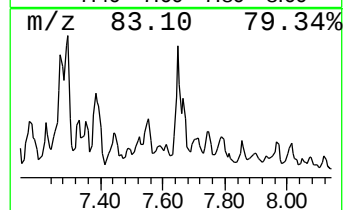
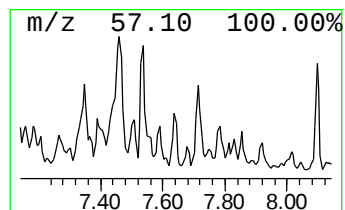
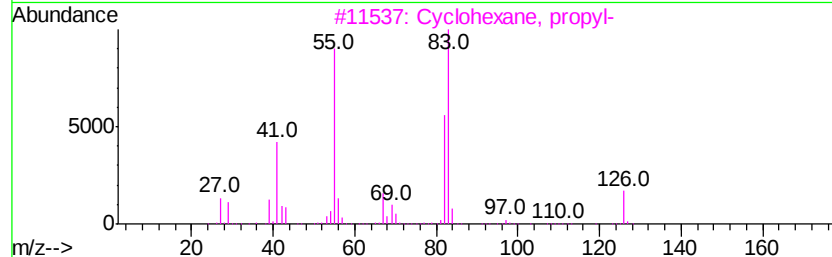
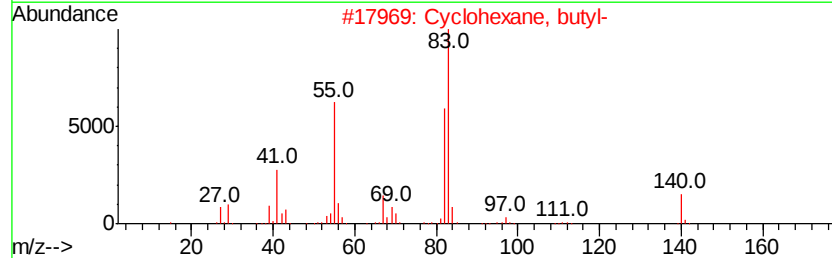
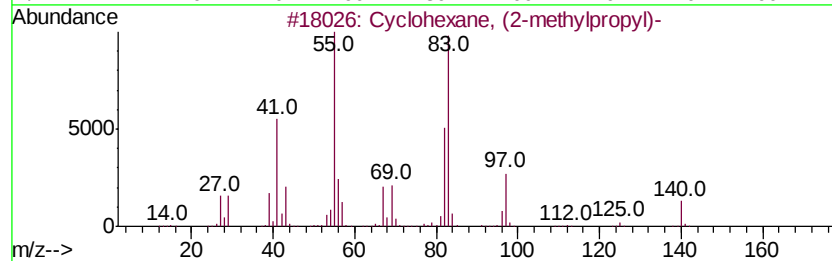
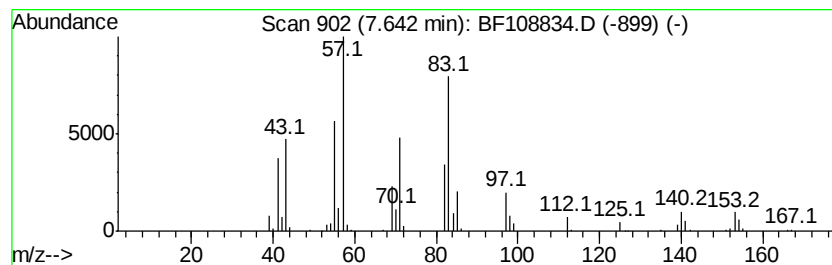
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown7.64 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	3.72 ng	493539	Napthalene-d8	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	38
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	35
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	27
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EP1-Q2-G5

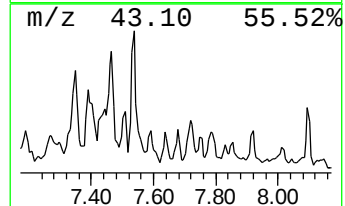
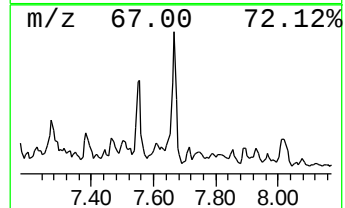
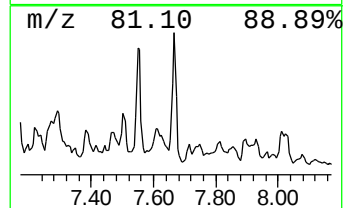
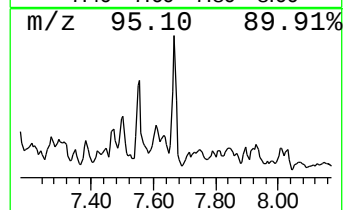
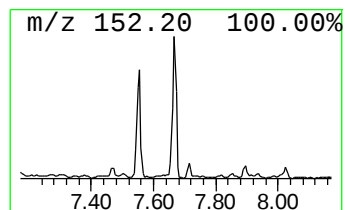
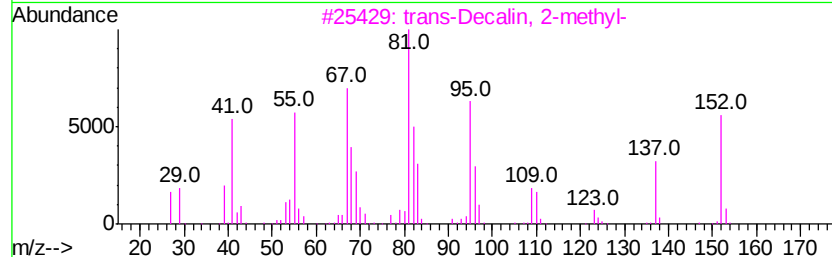
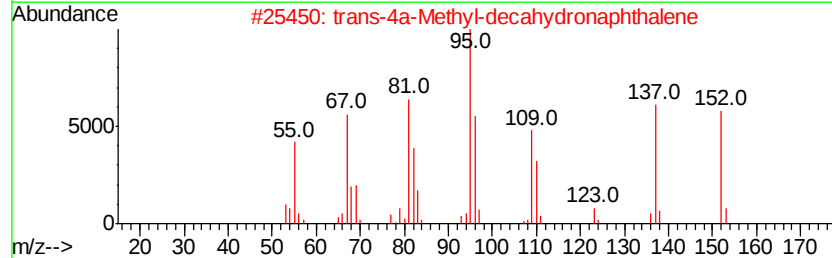
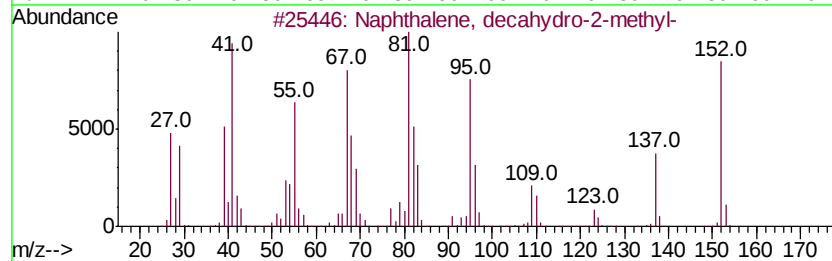
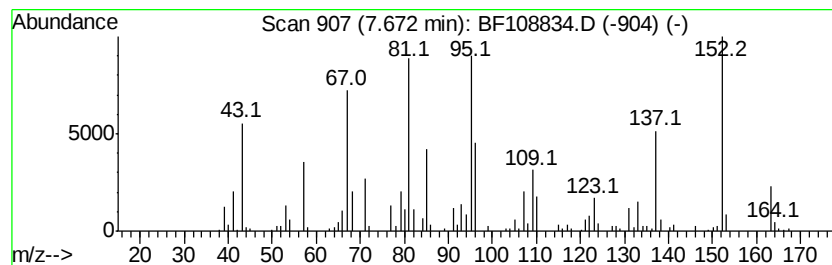
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	6.73 ng	893237	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	90
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	86
5		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108834.D
 Acq On : 6 Sep 2018 20:15
 Operator : JU/SJ
 Sample : J4803-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

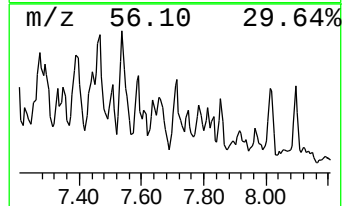
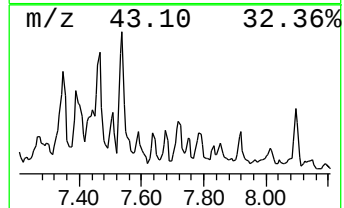
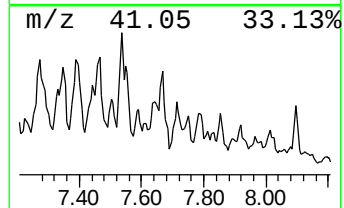
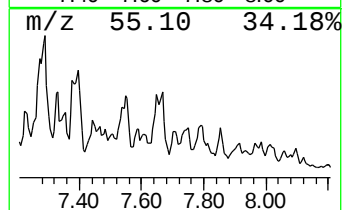
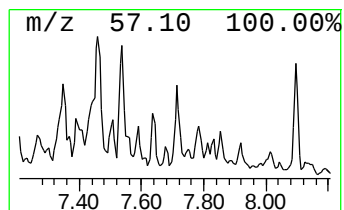
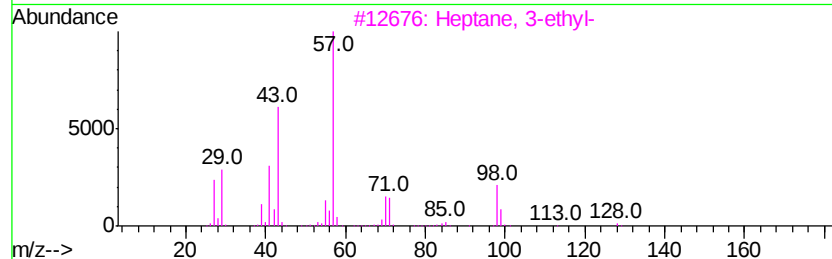
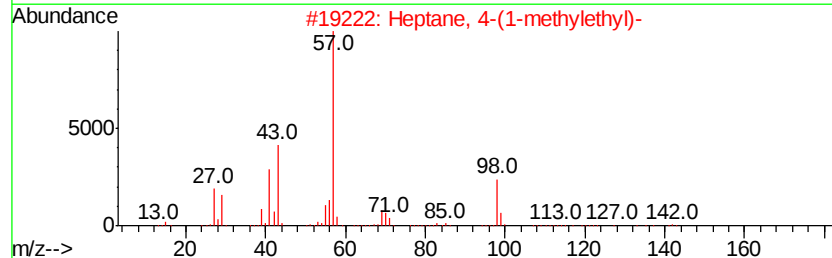
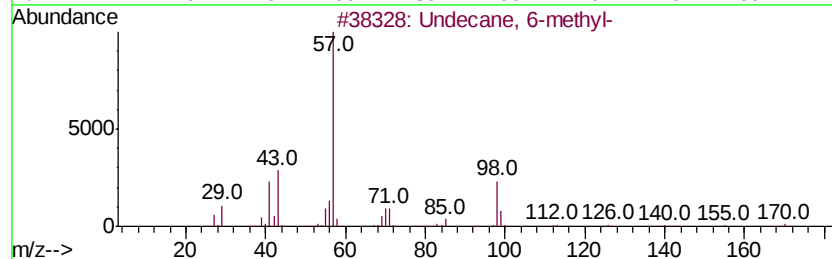
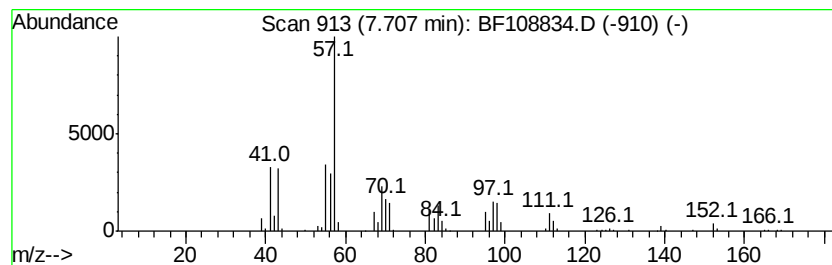
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 19 Undecane, 6-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	3.32 ng	440358	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
2		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	47
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	43
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
Acq On : 6 Sep 2018 20:15
Operator : JU/SJ
Sample : J4803-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

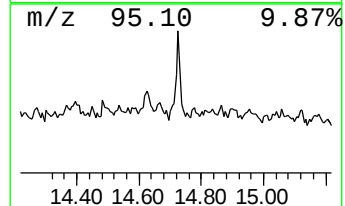
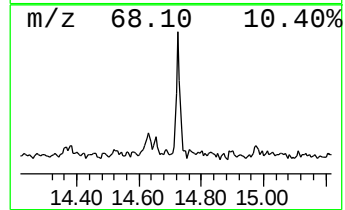
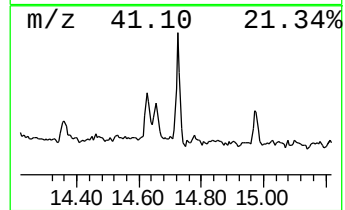
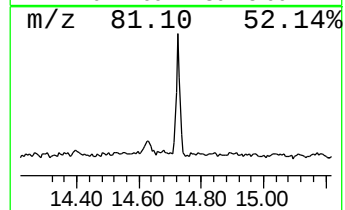
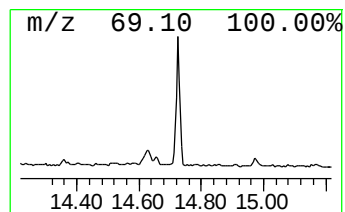
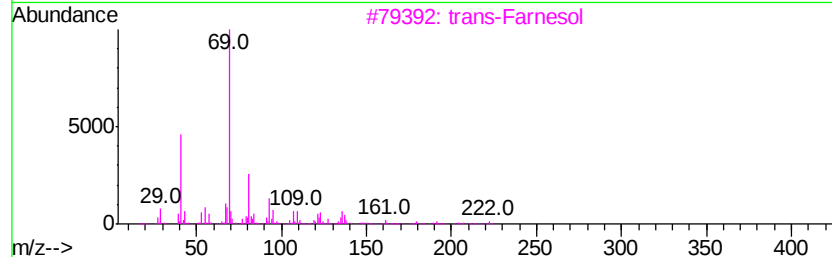
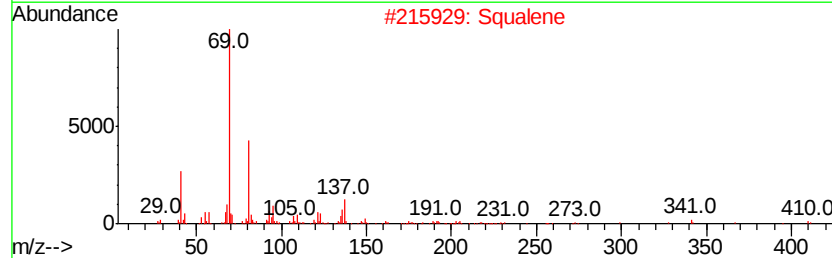
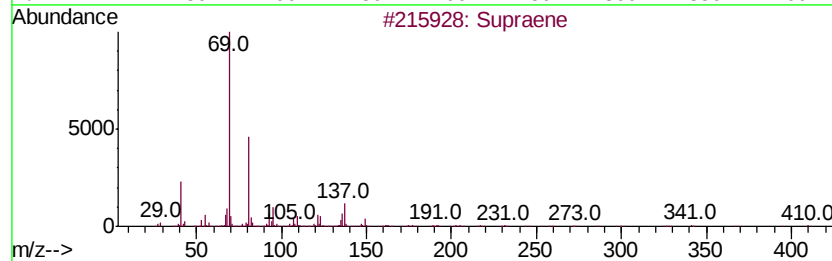
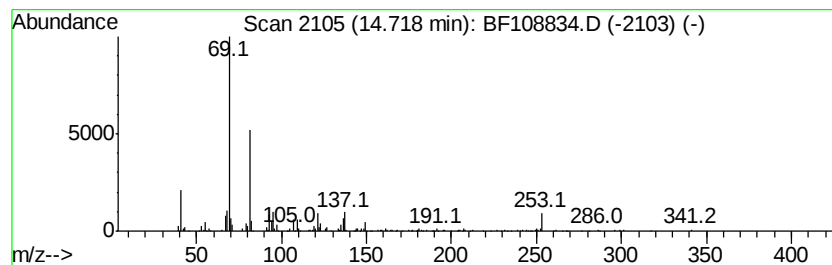
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Supraene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.02 ng	299173	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	86
3		trans-Farnesol	222	C15H26O	000106-28-5	72
4		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
5		Farnesol, acetate	264	C17H28O2	1000352-67-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108834.D
 Acq On : 6 Sep 2018 20:15
 Operator : JU/SJ
 Sample : J4803-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 3,6-dimet...	6.00	3.4	ng	416207	1	6.74	2424740	20.0
unknown6.50	6.50	40.2	ng	4878220	1	6.74	2424740	20.0
Dodecane, 2,6,10-...	6.81	5.3	ng	637368	1	6.74	2424740	20.0
2-Hexyl-1-octanol	7.02	8.9	ng	1075350	1	6.74	2424740	20.0
unknown7.06	7.06	3.0	ng	361514	1	6.74	2424740	20.0
Decane, 3,4-dimet...	7.10	5.4	ng	656035	1	6.74	2424740	20.0
Naphthalene, deca...	7.14	3.6	ng	442594	1	6.74	2424740	20.0
unknown7.22	7.22	3.5	ng	420599	1	6.74	2424740	20.0
3-Ethyl-3-methylh...	7.35	5.9	ng	720147	1	6.74	2424740	20.0
unknown7.39	7.39	10.8	ng	1434130	2	8.02	2655330	20.0
1-Dodecanol, 2-oc...	7.44	4.9	ng	651128	2	8.02	2655330	20.0
Undecane, 5-methyl-	7.47	7.9	ng	1051810	2	8.02	2655330	20.0
unknown7.50	7.50	4.3	ng	570353	2	8.02	2655330	20.0
Decane, 3,7-dimet...	7.54	7.1	ng	942192	2	8.02	2655330	20.0
trans-Decalin, 2-...	7.55	5.2	ng	683776	2	8.02	2655330	20.0
unknown7.64	7.64	3.7	ng	493539	2	8.02	2655330	20.0
Naphthalene, deca...	7.67	6.7	ng	893237	2	8.02	2655330	20.0
Undecane, 6-methyl-	7.71	3.3	ng	440358	2	8.02	2655330	20.0
Supraene	14.72	3.0	ng	299173	6	15.27	1980490	20.0