

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100982.D
 Acq On : 29 Nov 2017 17:11
 Operator : SJ/JU
 Sample : I6302-09 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-112817-B

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-BF110817.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	5.457	570	573	581	rVB	105549	97053	8.18%	0.352%
2	6.375	726	729	732	rBV2	78451	76932	6.49%	0.279%
3	6.475	743	746	749	rBV	116051	89621	7.55%	0.325%
4	6.616	768	770	774	rVB	137004	115635	9.75%	0.419%
5	6.681	777	781	784	rBV	367288	311152	26.23%	1.128%
6	6.851	807	810	813	rVB2	715728	628671	53.00%	2.279%
7	7.004	831	836	839	rBV2	148143	211855	17.86%	0.768%
8	7.122	853	856	859	rVB	215056	179096	15.10%	0.649%
9	7.151	859	861	862	rBV	125032	87555	7.38%	0.317%
10	7.181	865	866	871	rVB	157995	145543	12.27%	0.528%
11	7.234	871	875	879	rBV2	198576	272966	23.01%	0.990%
12	7.381	895	900	903	rBV3	178982	232106	19.57%	0.842%
13	7.410	903	905	907	rBV2	72713	81534	6.87%	0.296%
14	7.445	907	911	914	rVB	973619	834945	70.38%	3.027%
15	7.498	914	920	922	rBV5	163846	233752	19.70%	0.848%
16	7.557	922	930	933	rBV6	120980	296838	25.02%	1.076%
17	7.628	939	942	943	rBV2	137113	128978	10.87%	0.468%
18	7.645	943	945	949	rVB2	140262	180114	15.18%	0.653%
19	7.733	955	960	961	rBV3	98723	121714	10.26%	0.441%
20	7.751	961	963	965	rVB2	146388	98811	8.33%	0.358%
21	7.775	965	967	970	rBV3	111721	119122	10.04%	0.432%
22	7.816	970	974	976	rVB2	228060	262629	22.14%	0.952%
23	7.845	976	979	981	rBV2	262624	220749	18.61%	0.800%
24	7.875	981	984	990	rVB4	382636	494332	41.67%	1.792%
25	7.922	990	992	994	rBV	238264	175410	14.79%	0.636%
26	7.951	994	997	999	rVB3	118131	116894	9.85%	0.424%
27	7.975	999	1001	1003	rVB	135961	98892	8.34%	0.359%
28	8.004	1003	1006	1009	rBV2	145123	147153	12.40%	0.534%
29	8.033	1009	1011	1014	rBV	86308	91241	7.69%	0.331%
30	8.081	1014	1019	1021	rBV3	123951	195490	16.48%	0.709%
31	8.116	1021	1025	1027	rVV	1199827	1186280	100.00%	4.301%
32	8.139	1027	1029	1031	rVV	812569	675866	56.97%	2.451%
33	8.157	1031	1032	1034	rVV	234765	151685	12.79%	0.550%
34	8.192	1034	1038	1040	rVB2	612527	614200	51.78%	2.227%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
 Data File : BF100982.D
 Acq On : 29 Nov 2017 17:11
 Operator : SJ/JU
 Sample : I6302-09 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-112817-B

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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.222	1040	1043	1045	rBV2	194824	195793	16.50%	0.710%
36	8.286	1050	1054	1056	rBV2	124621	140356	11.83%	0.509%
37	8.333	1059	1062	1065	rVB2	197724	187289	15.79%	0.679%
38	8.422	1073	1077	1082	rVB5	435458	556716	46.93%	2.019%
39	8.475	1083	1086	1089	rBV3	228837	199413	16.81%	0.723%
40	8.504	1089	1091	1095	rVB3	321320	334953	28.24%	1.214%
41	8.551	1095	1099	1101	rBV	813170	642818	54.19%	2.331%
42	8.575	1101	1103	1105	rVB	151949	106562	8.98%	0.386%
43	8.598	1105	1107	1111	rVB4	119291	108063	9.11%	0.392%
44	8.639	1111	1114	1116	rBV	367820	278227	23.45%	1.009%
45	8.675	1116	1120	1122	rBV4	120092	144642	12.19%	0.524%
46	8.722	1125	1128	1132	rBV	1342506	1029716	86.80%	3.733%
47	8.763	1132	1135	1137	rBV4	89340	129430	10.91%	0.469%
48	8.816	1142	1144	1147	rVB2	247665	257463	21.70%	0.933%
49	8.845	1147	1149	1153	rVB	171831	142896	12.05%	0.518%
50	8.880	1153	1155	1157	rBV2	129513	88431	7.45%	0.321%
51	8.916	1157	1161	1163	rBV3	119869	180417	15.21%	0.654%
52	8.957	1165	1168	1170	rVB3	258173	235169	19.82%	0.853%
53	9.004	1173	1176	1177	rBV3	227792	212759	17.93%	0.771%
54	9.051	1180	1184	1186	rVB3	231599	317222	26.74%	1.150%
55	9.080	1186	1189	1194	rVB3	315095	371995	31.36%	1.349%
56	9.127	1194	1197	1198	rBV	262268	211989	17.87%	0.769%
57	9.151	1198	1201	1203	rBV	619845	439512	37.05%	1.594%
58	9.204	1208	1210	1212	rVV	172222	154760	13.05%	0.561%
59	9.286	1220	1224	1227	rVV	1133627	1002512	84.51%	3.635%
60	9.327	1229	1231	1234	rVV2	149298	200466	16.90%	0.727%
61	9.363	1234	1237	1239	rVV	225349	214237	18.06%	0.777%
62	9.404	1242	1244	1248	rVB3	105560	86450	7.29%	0.313%
63	9.475	1253	1256	1261	rVV5	236889	408643	34.45%	1.482%
64	9.545	1261	1268	1272	rVV3	371755	812225	68.47%	2.945%
65	9.604	1275	1278	1280	rVV3	631720	738967	62.29%	2.679%
66	9.627	1280	1282	1285	rVV3	238798	278814	23.50%	1.011%
67	9.663	1285	1288	1291	rVV2	272923	293699	24.76%	1.065%
68	9.751	1300	1303	1307	rVV4	103457	117468	9.90%	0.426%
69	9.816	1311	1314	1318	rVV	565934	477975	40.29%	1.733%
70	9.892	1324	1327	1330	rVV	830563	694463	58.54%	2.518%
71	9.922	1330	1332	1335	rVB2	131330	95327	8.04%	0.346%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.992	1341	1344	1348	rVB2	89538	99324	8.37%	0.360%
73	10.045	1348	1353	1355	rVV4	85291	125057	10.54%	0.453%
74	10.069	1355	1357	1359	rVV2	87620	94755	7.99%	0.344%
75	10.092	1359	1361	1365	rVV2	140028	152692	12.87%	0.554%
76	10.133	1365	1368	1372	rVV2	162198	181248	15.28%	0.657%
77	10.204	1377	1380	1383	rBV3	80832	96449	8.13%	0.350%
78	10.310	1392	1398	1401	rBV	294124	289005	24.36%	1.048%
79	10.439	1416	1420	1423	rBV	138389	133666	11.27%	0.485%
80	10.527	1429	1435	1441	rVB2	148389	238415	20.10%	0.864%
81	10.674	1458	1460	1464	rBV2	87249	76736	6.47%	0.278%
82	10.798	1476	1481	1484	rBV2	223889	318522	26.85%	1.155%
83	11.233	1551	1555	1557	rBV	125754	105530	8.90%	0.383%
84	11.263	1557	1560	1566	rVB2	119517	153746	12.96%	0.557%
85	11.380	1576	1580	1582	rBV	706105	636314	53.64%	2.307%
86	11.404	1582	1584	1587	rVV	490220	371177	31.29%	1.346%
87	11.451	1590	1592	1595	rVB	136025	101233	8.53%	0.367%
88	11.757	1641	1644	1647	rVB	138705	126693	10.68%	0.459%
89	11.904	1667	1669	1673	rVB	91068	83934	7.08%	0.304%
90	11.992	1680	1684	1686	rBV2	89546	99500	8.39%	0.361%
91	12.445	1758	1761	1763	rVV2	521138	473459	39.91%	1.717%
92	12.468	1763	1765	1770	rVB	358548	314793	26.54%	1.141%
93	12.592	1783	1786	1789	rBV	424888	343114	28.92%	1.244%
94	12.821	1822	1825	1830	rVV	368307	344725	29.06%	1.250%
95	12.957	1845	1848	1850	rVB	126862	98080	8.27%	0.356%
96	14.021	2024	2029	2031	rBV2	624007	679985	57.32%	2.465%
97	14.045	2031	2033	2039	rVB	145019	129235	10.89%	0.469%
98	15.057	2203	2205	2209	rBV	62914	83315	7.02%	0.302%
99	15.427	2265	2268	2273	rVV	69279	80564	6.79%	0.292%
100	15.492	2275	2279	2290	rVB	353797	486595	41.02%	1.764%

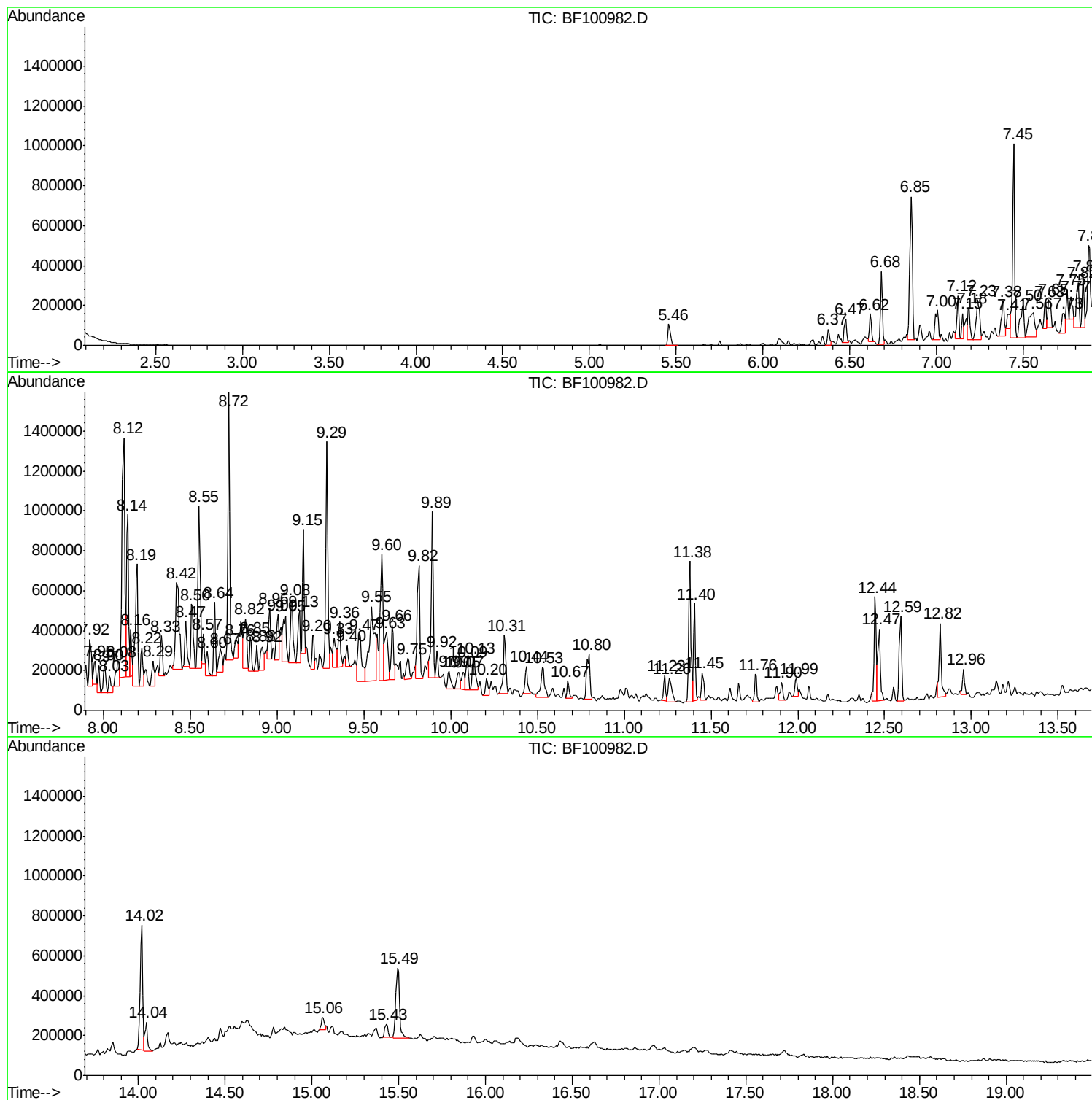
Sum of corrected areas: 27580512

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.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\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

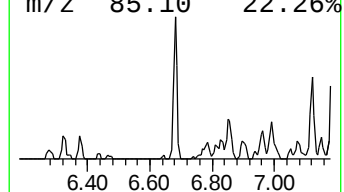
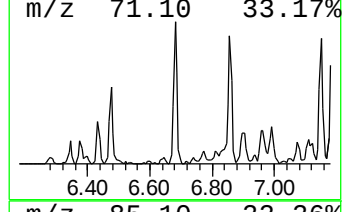
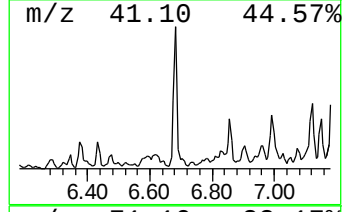
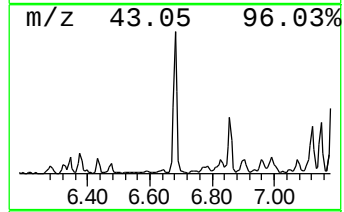
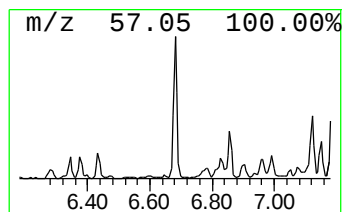
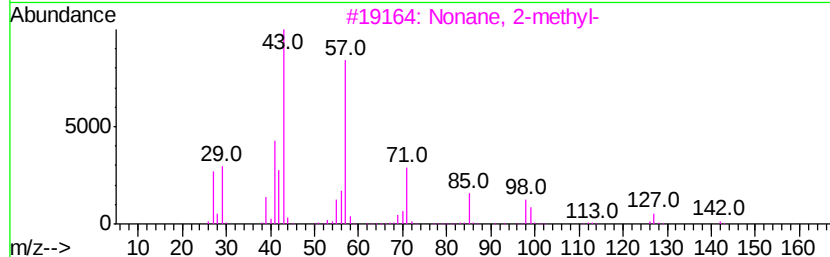
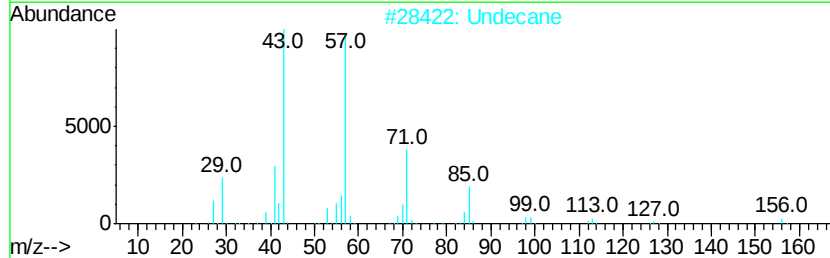
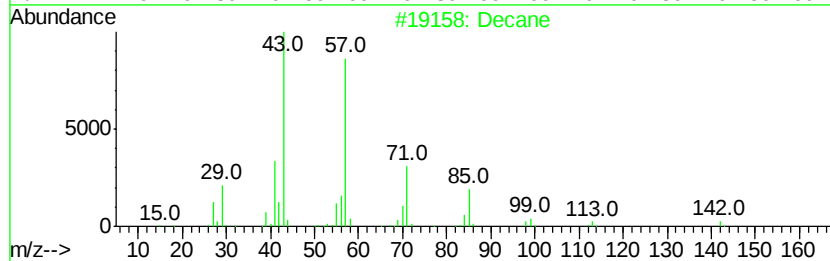
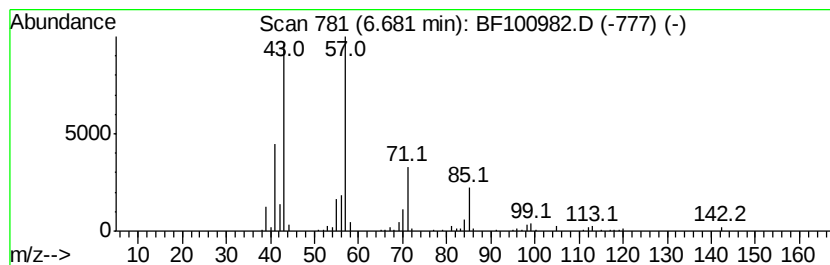
Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.68	9.90 ng	311152	1,4-Dichlorobenzene-d4	6.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	95
2	Undecane		156	C11H24	001120-21-4	90
3	Nonane, 2-methyl-		142	C10H22	000871-83-0	72
4	Octane, 4-ethyl-		142	C10H22	015869-86-0	68
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
HR-06-112817-B

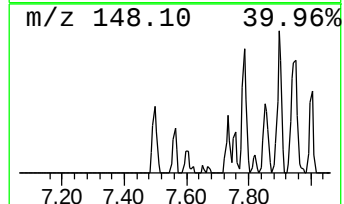
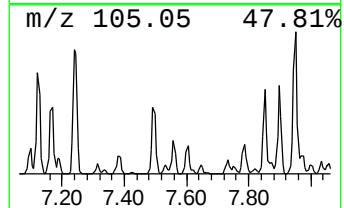
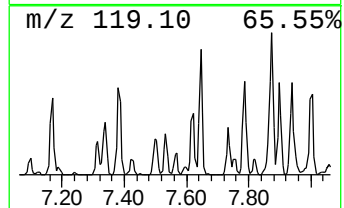
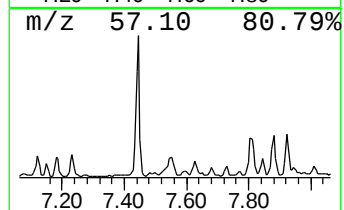
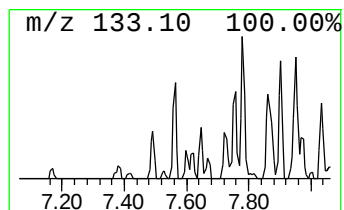
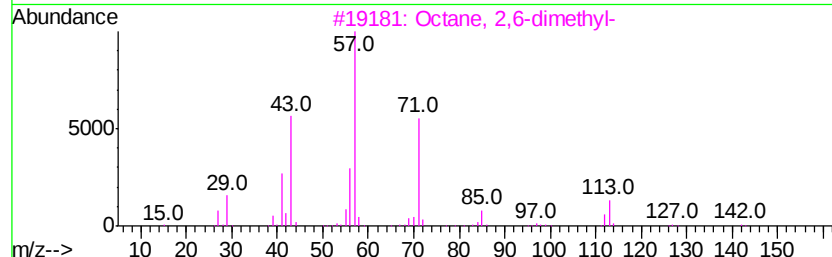
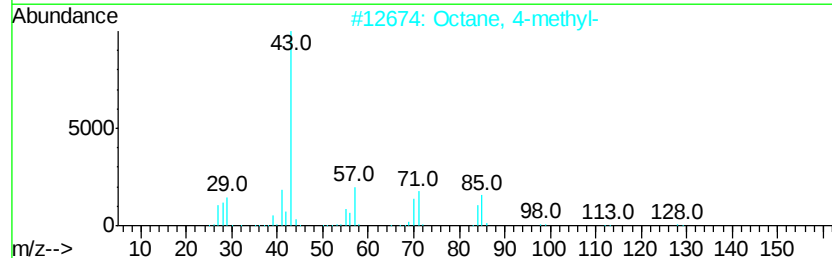
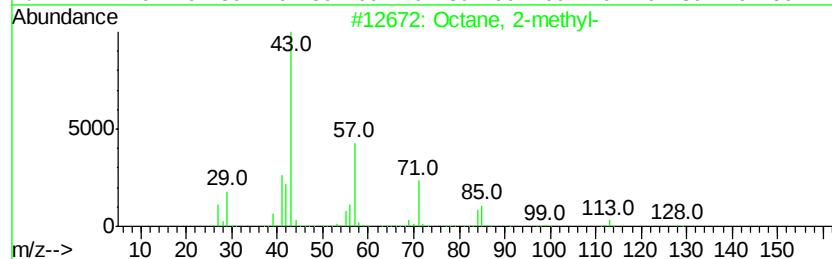
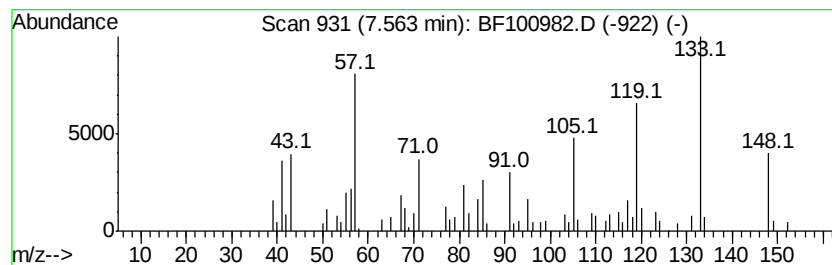
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	8.78 ng	296838	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	62
2		Octane, 4-methyl-	128	C9H20	002216-34-4	46
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
HR-06-112817-B

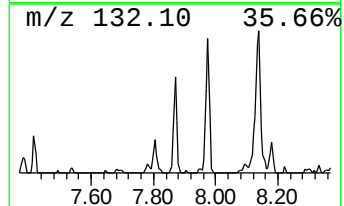
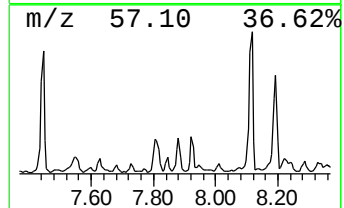
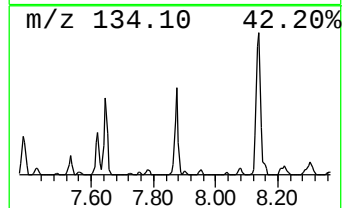
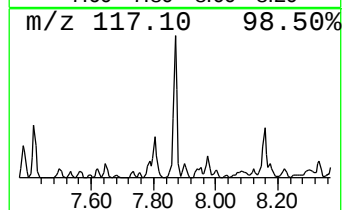
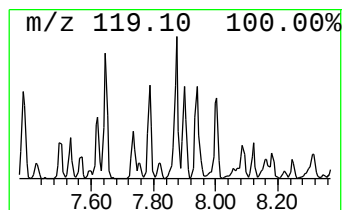
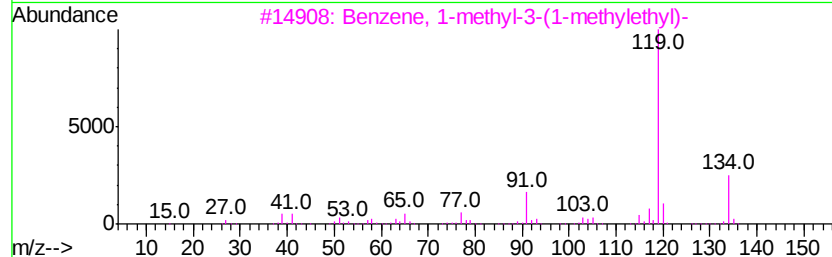
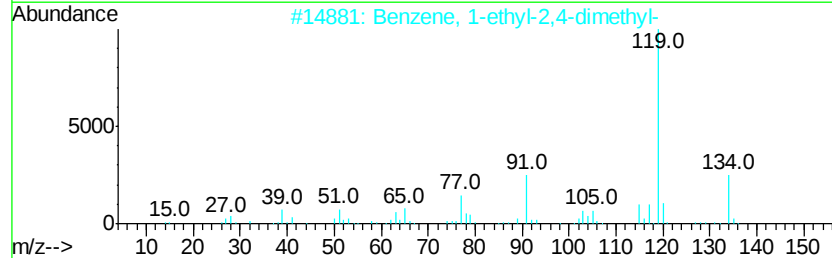
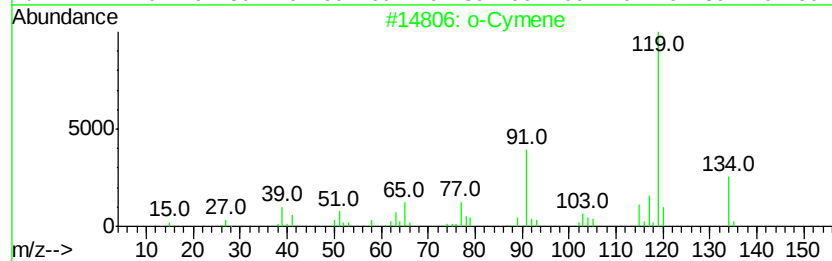
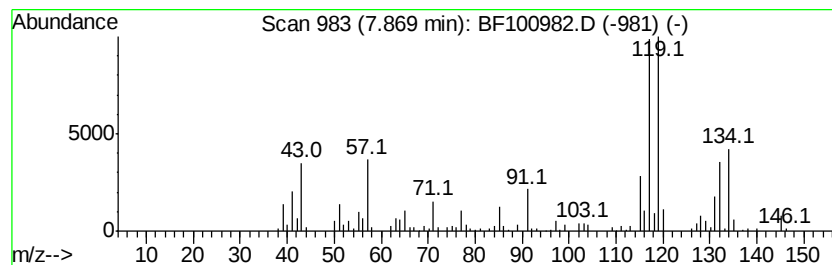
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	14.63 ng	494332	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	87
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	55
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

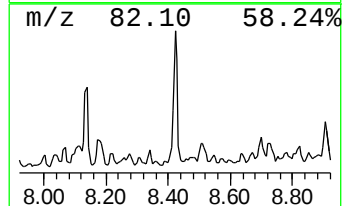
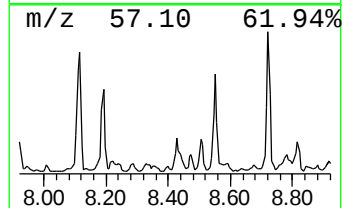
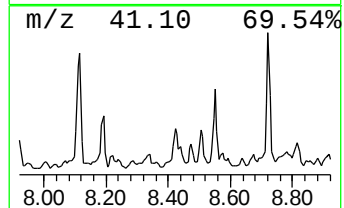
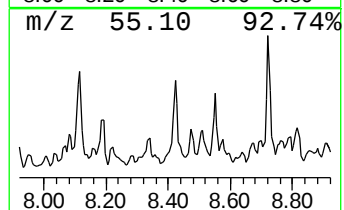
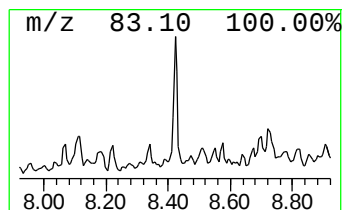
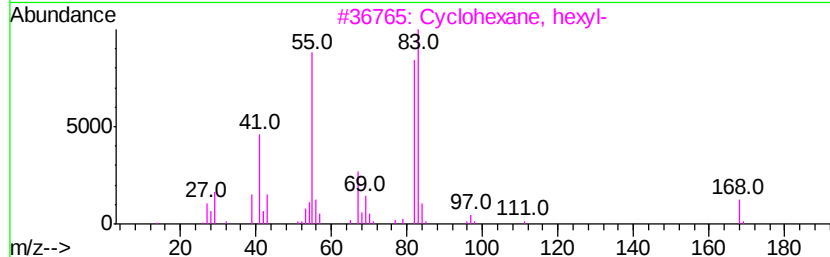
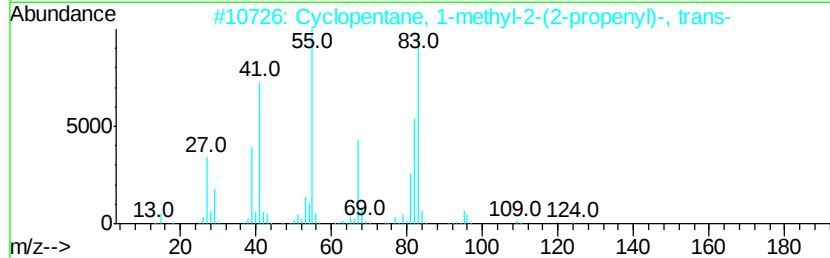
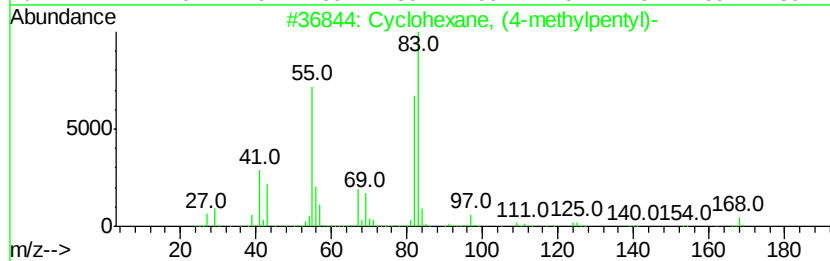
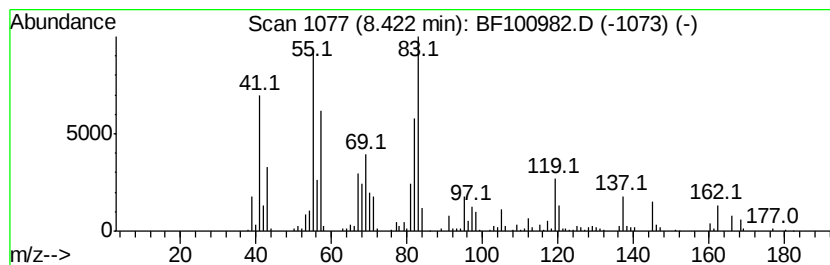
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	16.47 ng	556716	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2		Cyclopentane, 1-methyl-2-(2-propenyl)-, trans-	124	C9H16	050746-53-7	49
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5		1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

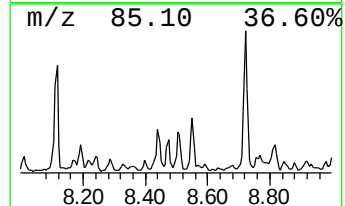
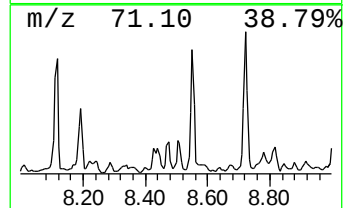
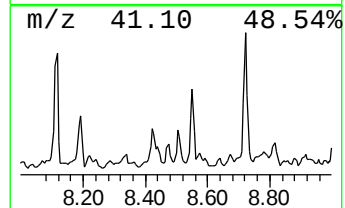
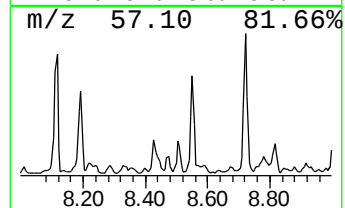
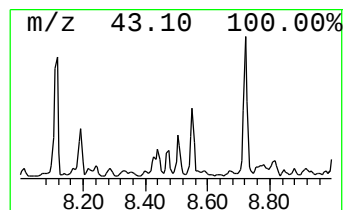
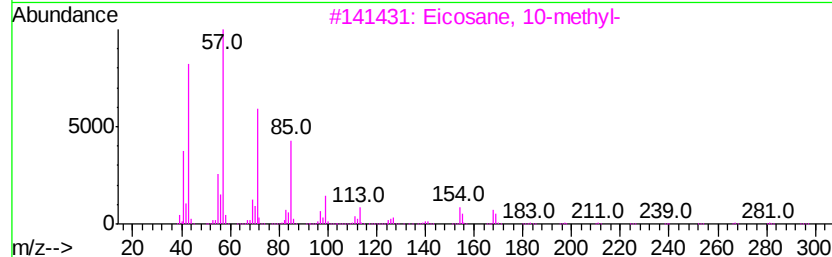
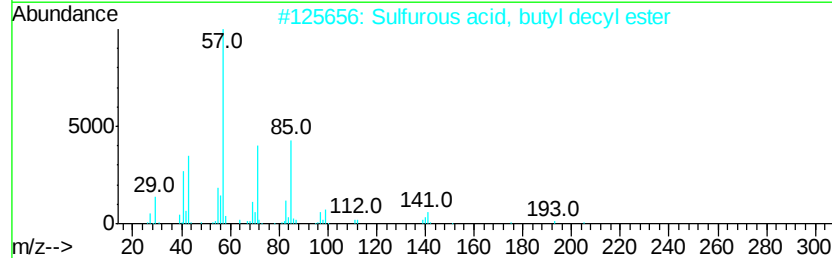
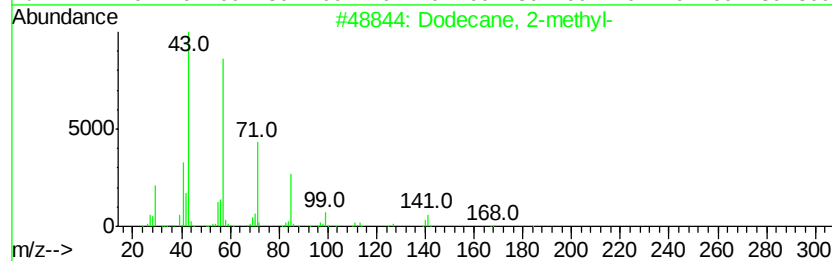
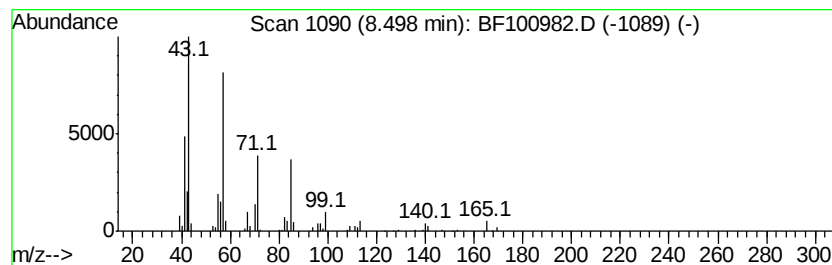
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	9.91 ng	334953	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	78
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

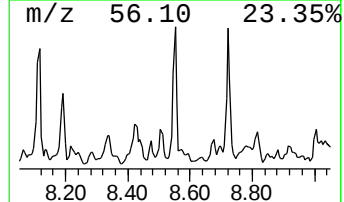
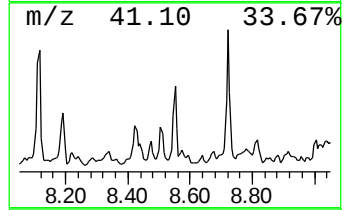
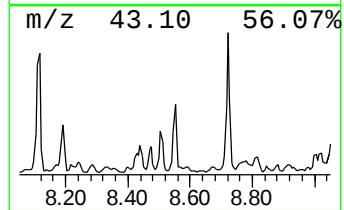
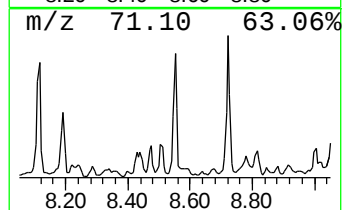
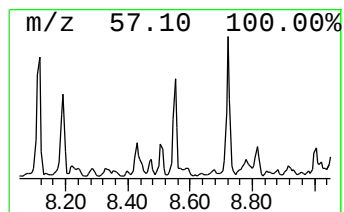
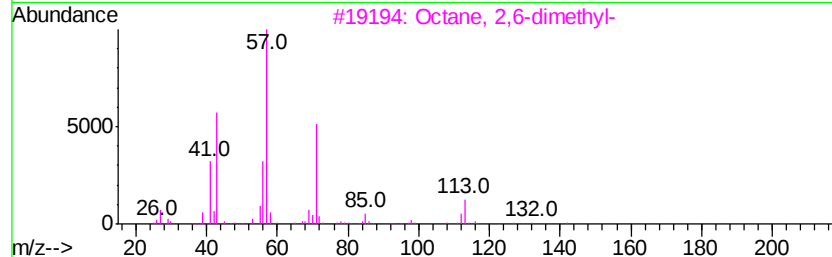
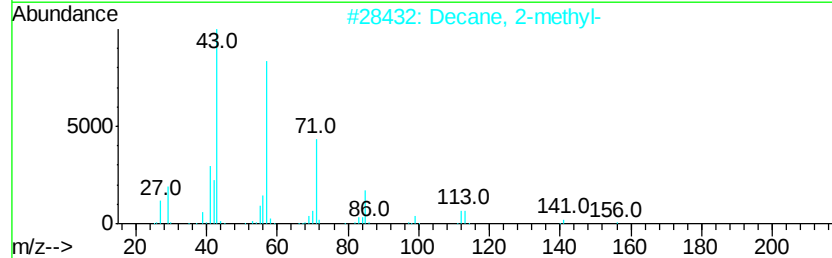
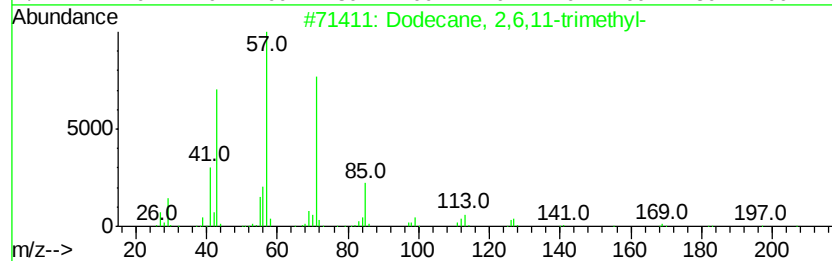
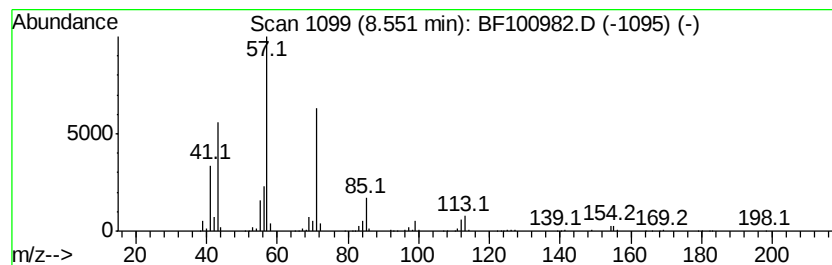
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	19.02 ng	642818	Naphthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86	
2	Decane, 2-methyl-	156	C11H24	006975-98-0	78	
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72	
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72	
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

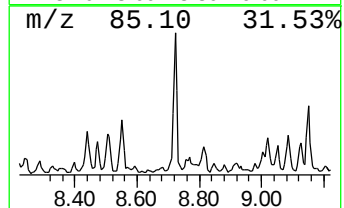
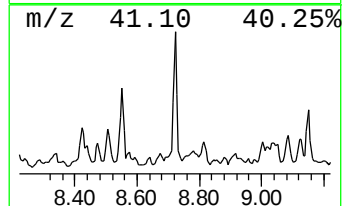
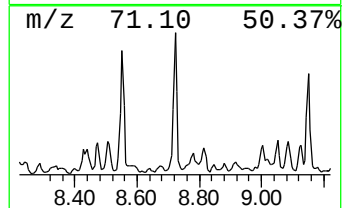
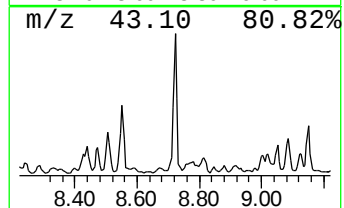
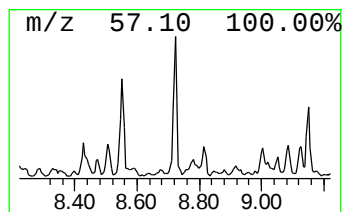
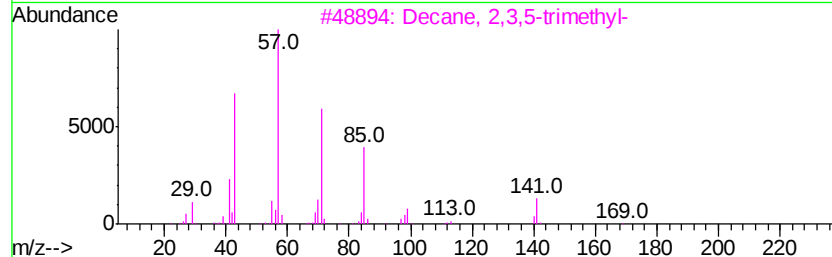
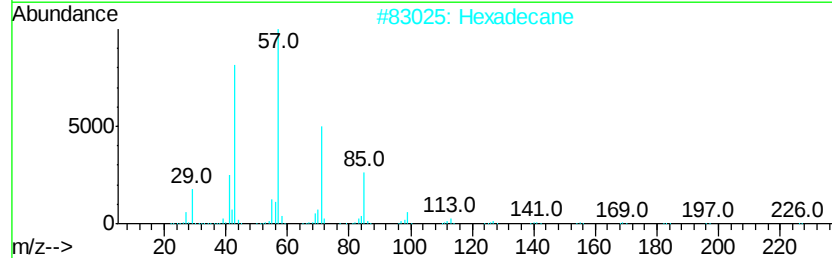
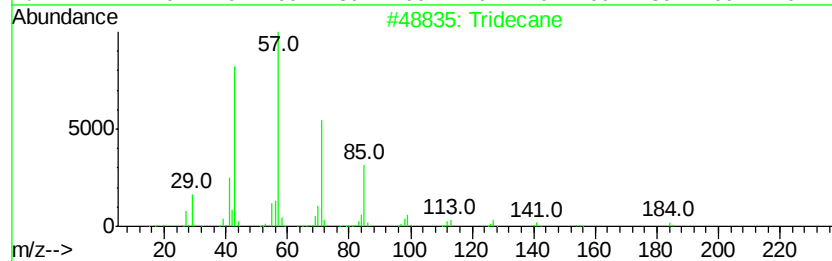
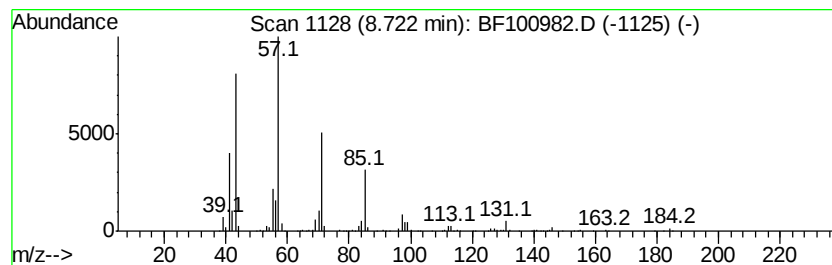
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	30.47 ng	1029720	Naphthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Hexadecane		226	C16H34	000544-76-3	86
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
4	Tetradecane		198	C14H30	000629-59-4	64
5	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

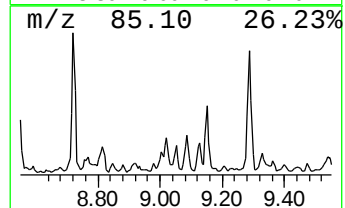
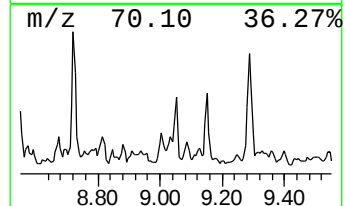
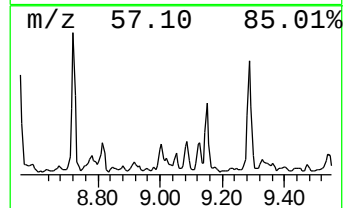
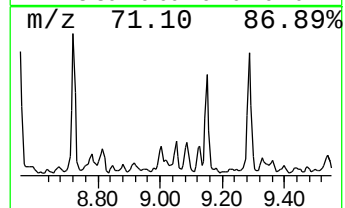
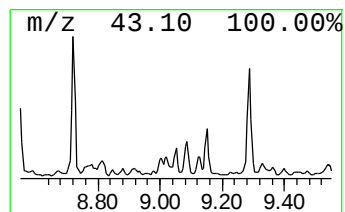
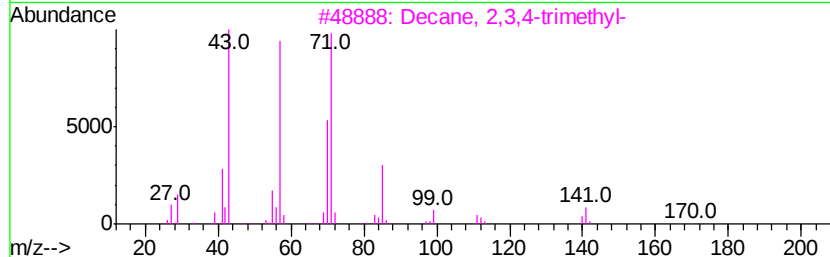
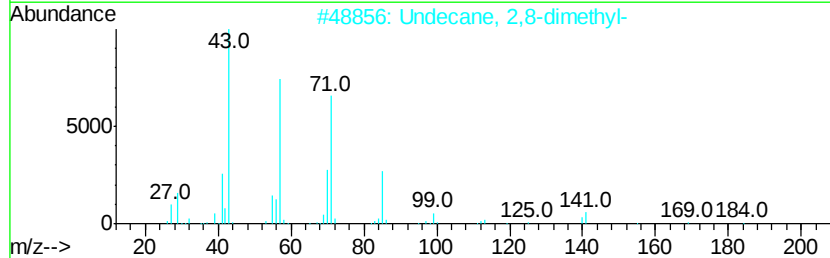
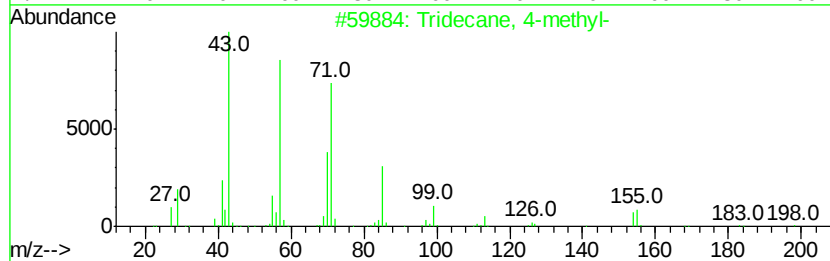
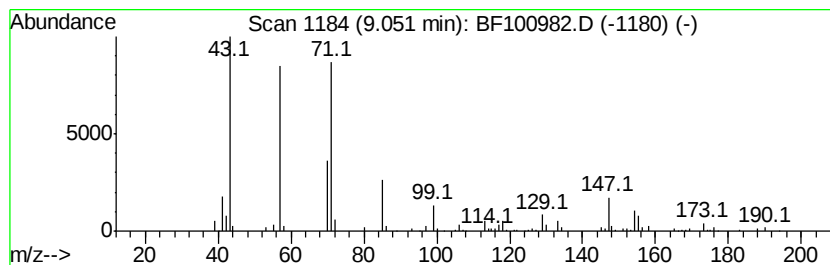
Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	9.14 ng	317222	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 4-methyl-	198 C14H30	026730-12-1 72
2		Undecane, 2,8-dimethyl-	184 C13H28	017301-25-6 64
3		Decane, 2,3,4-trimethyl-	184 C13H28	062238-15-7 64
4		Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3 59
5		Oxalic acid, 2-ethylhexyl isohex...	286 C16H30O4	1000309-38-8 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

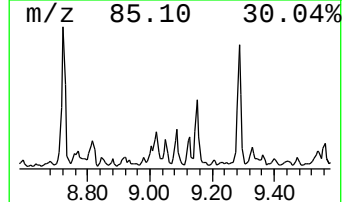
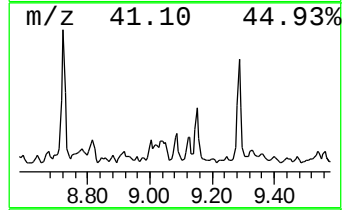
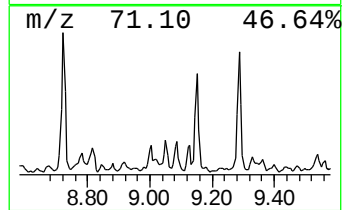
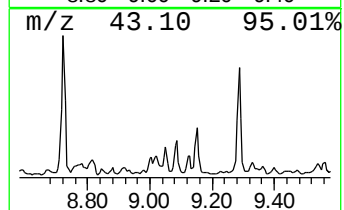
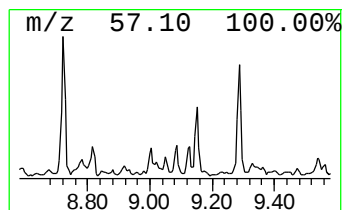
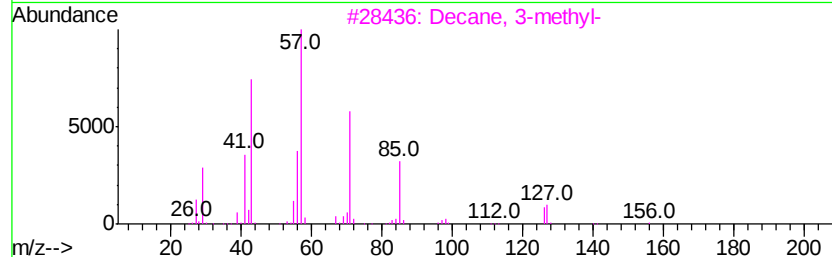
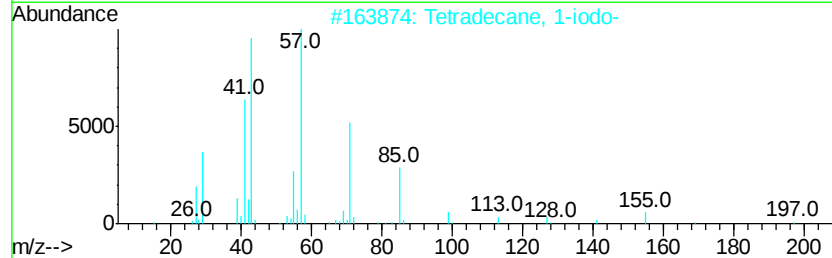
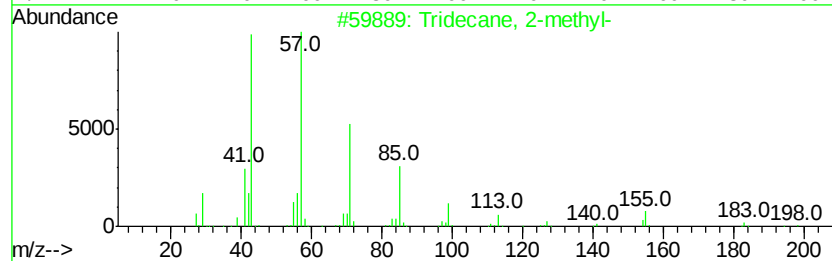
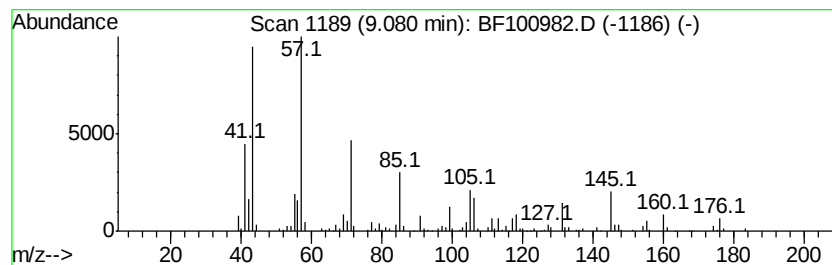
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	10.71 ng	371995	Acenaphthene-d10	9.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	46
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	45
3		Decane, 3-methyl-	156	C11H24	013151-34-3	45
4		Eicosane	282	C20H42	000112-95-8	43
5		Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

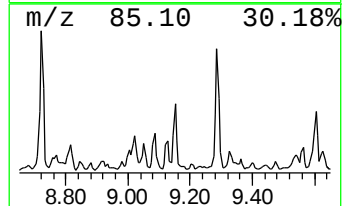
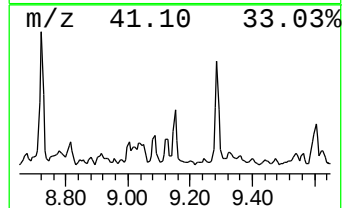
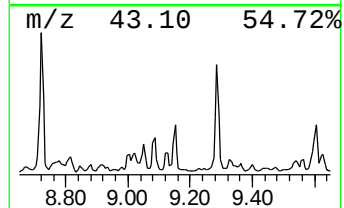
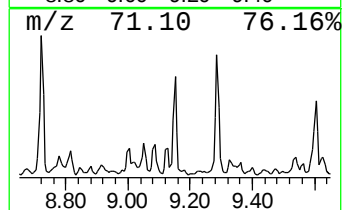
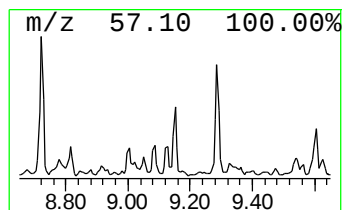
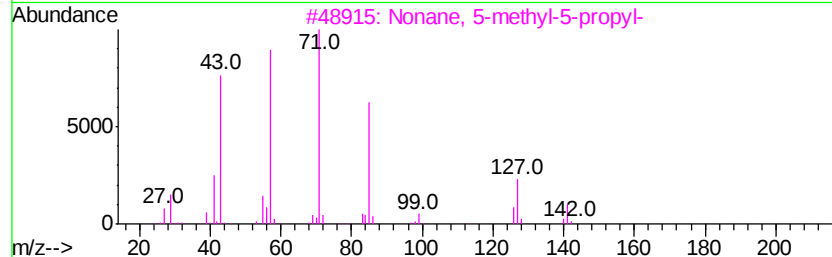
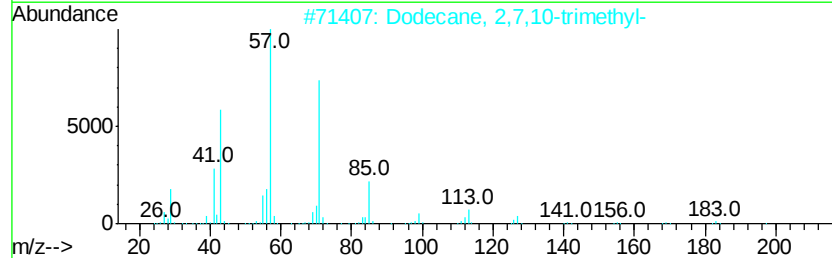
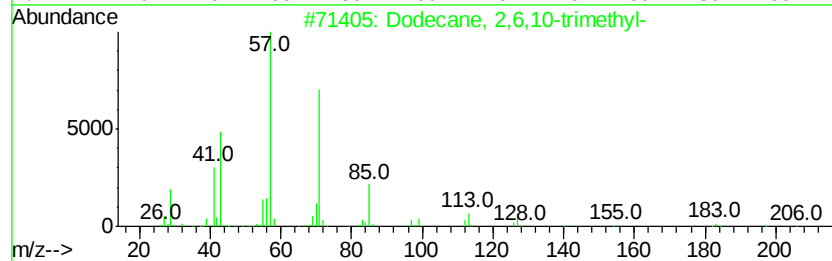
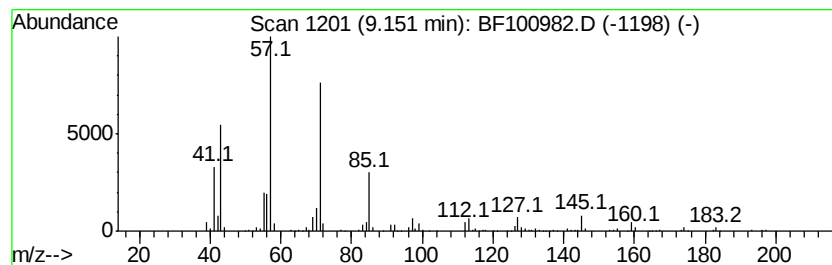
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	12.66 ng	439512	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59
4		Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
5		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

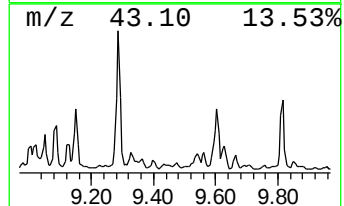
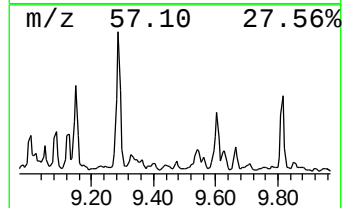
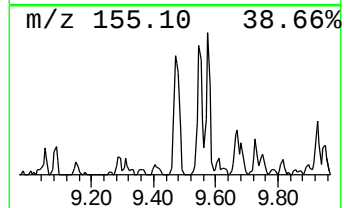
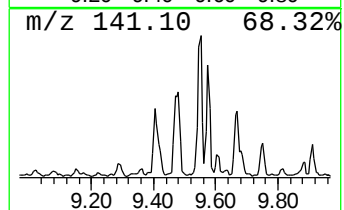
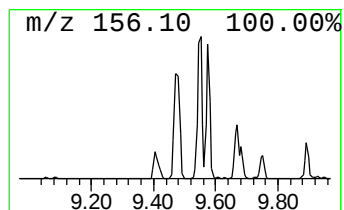
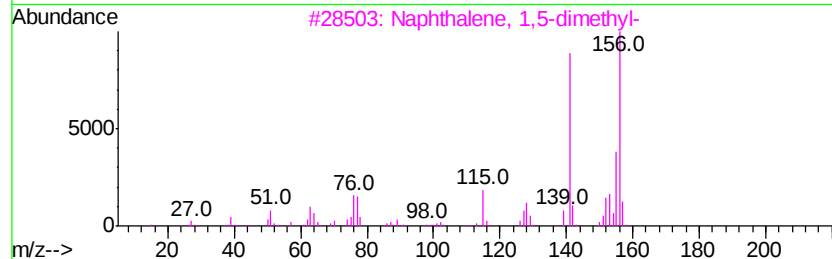
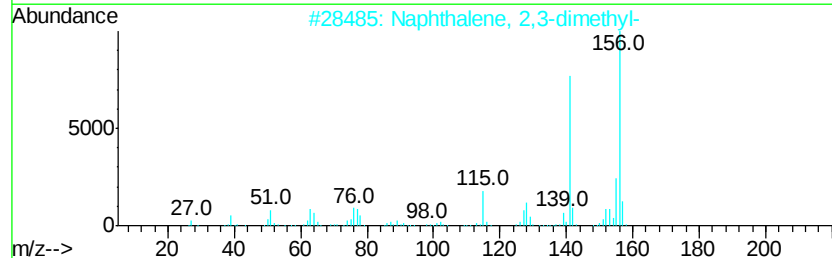
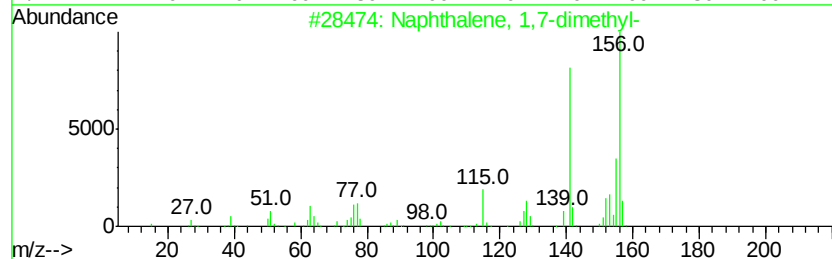
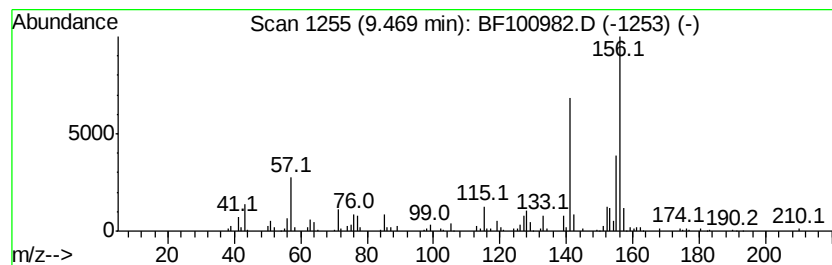
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	11.77 ng	408643	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

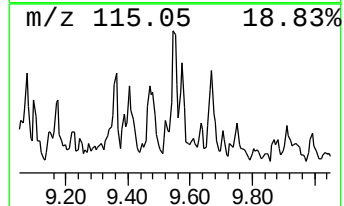
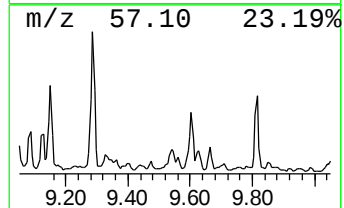
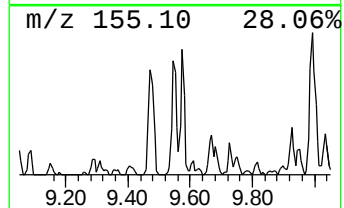
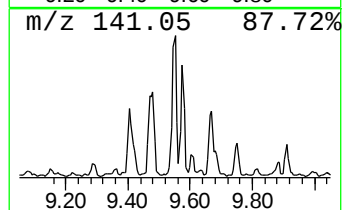
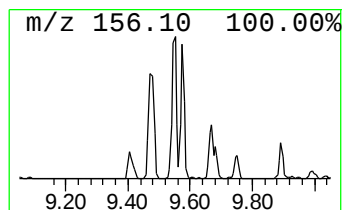
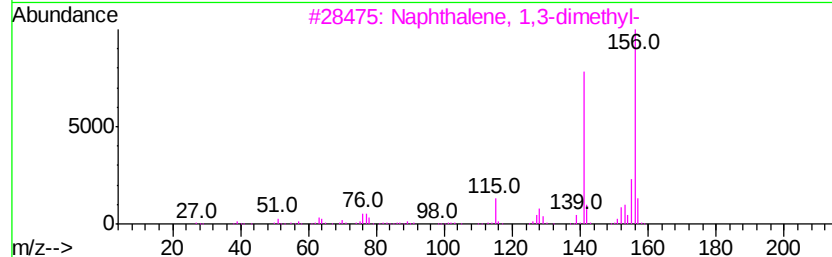
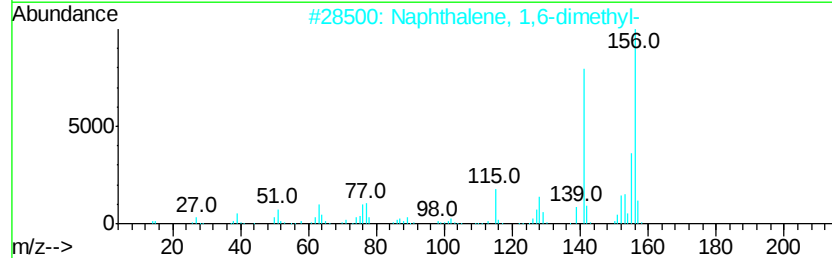
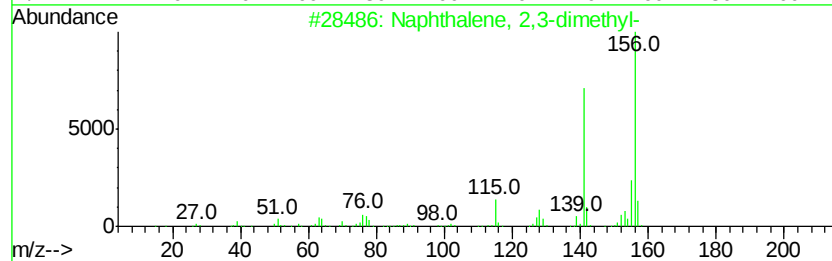
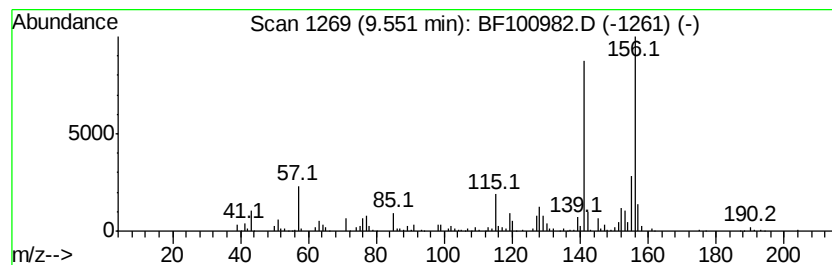
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	23.39 ng	812225	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

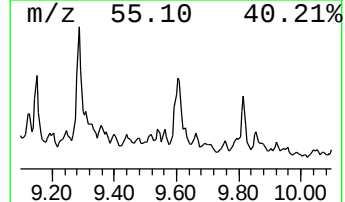
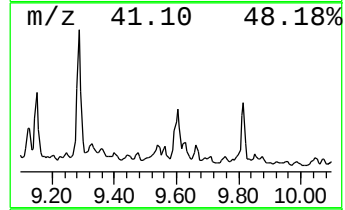
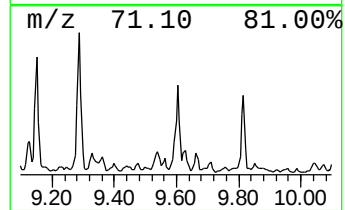
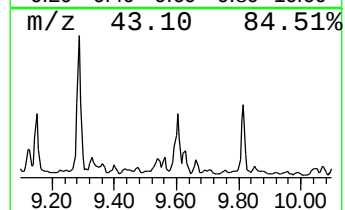
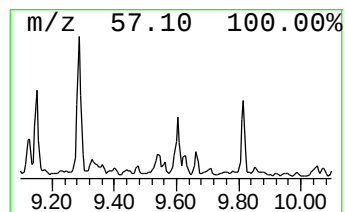
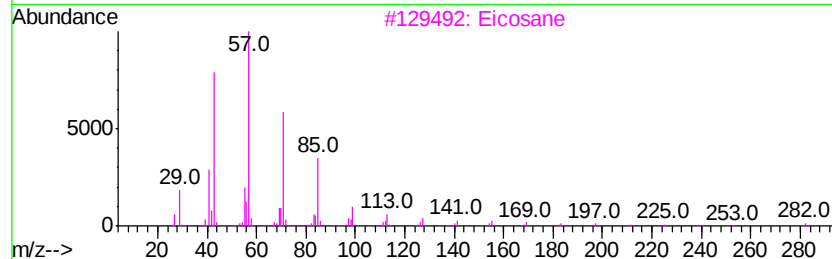
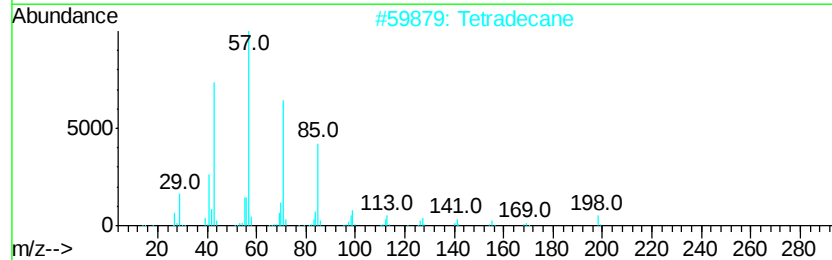
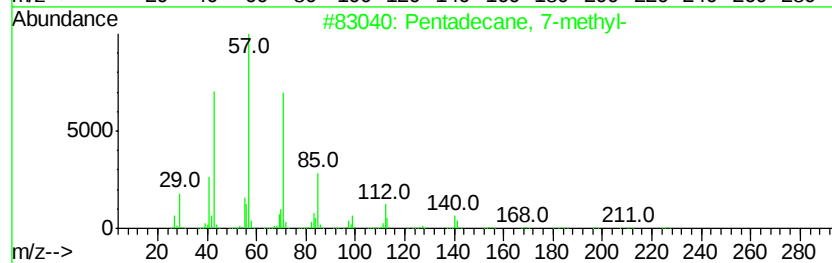
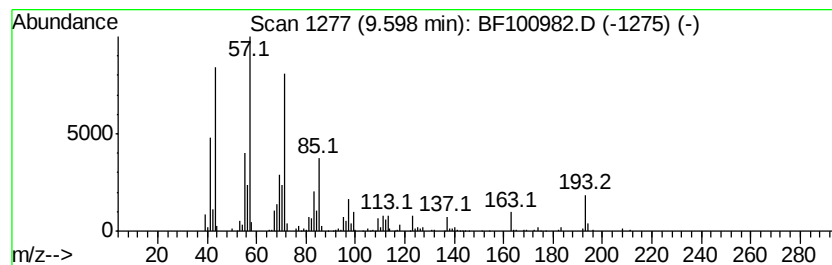
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	21.28 ng	738967	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

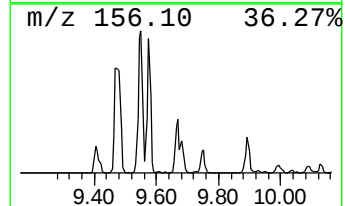
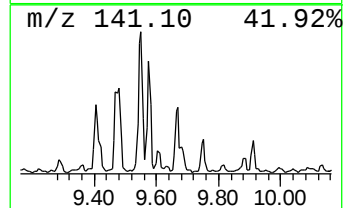
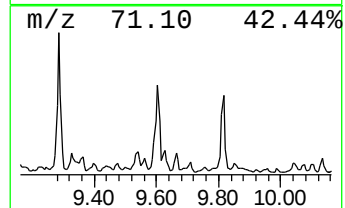
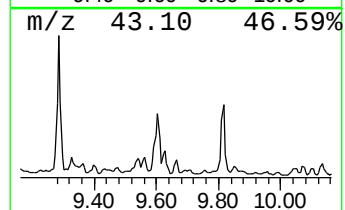
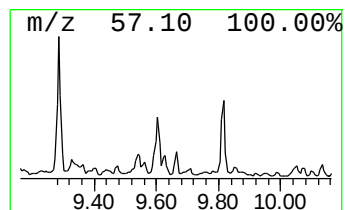
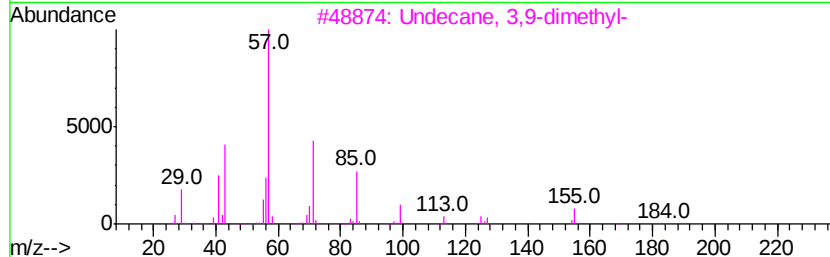
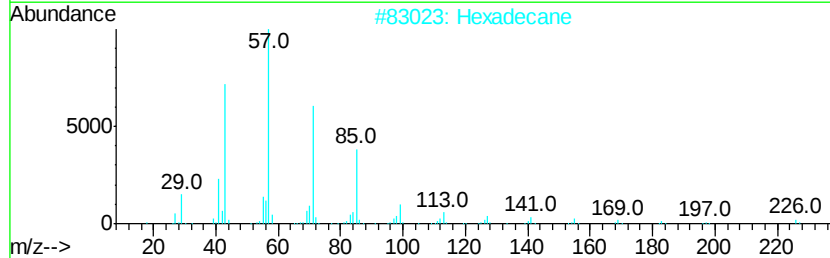
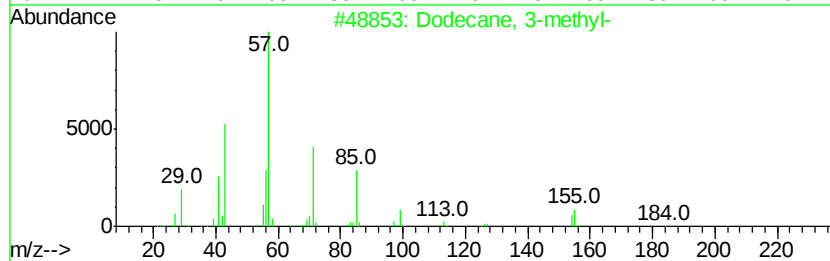
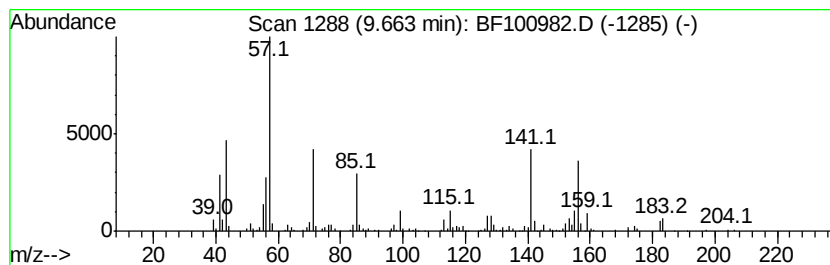
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.66 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	8.46 ng	293699	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
2		Hexadecane	226	C16H34	000544-76-3	47
3		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	47
4		Octacosane	394	C28H58	000630-02-4	35
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

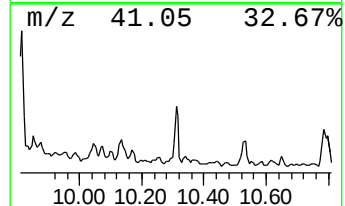
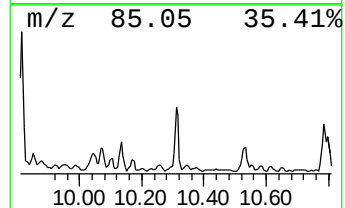
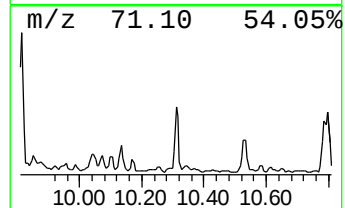
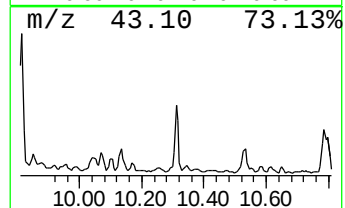
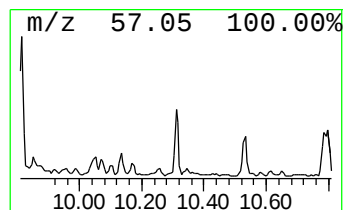
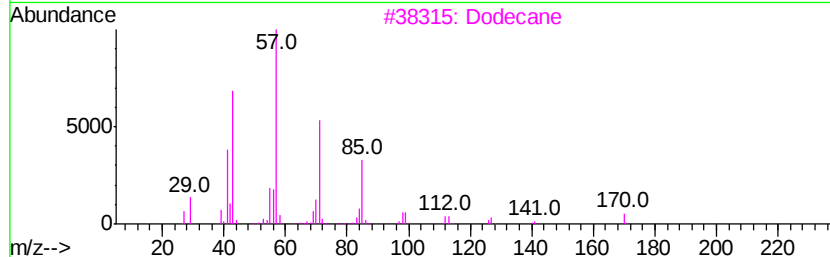
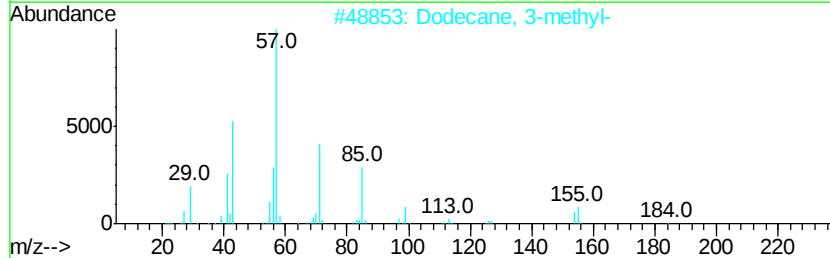
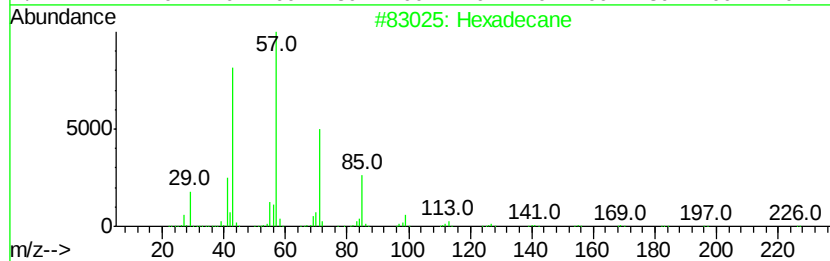
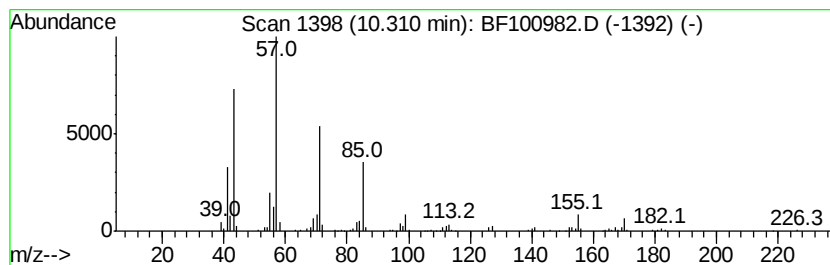
Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	8.32 ng	289005	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Dodecane, 3-methyl-	184 C13H28	017312-57-1	86
3	Dodecane	170 C12H26	000112-40-3	83
4	Heptacosane	380 C27H56	000593-49-7	80
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

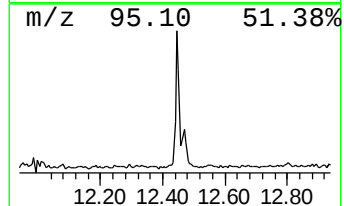
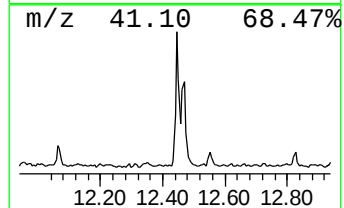
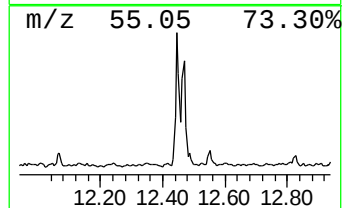
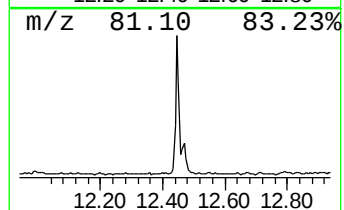
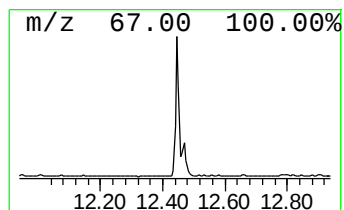
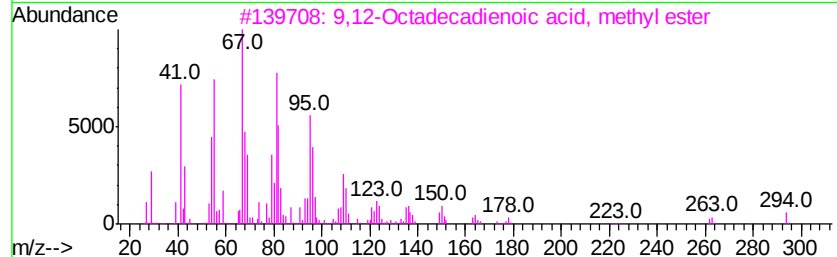
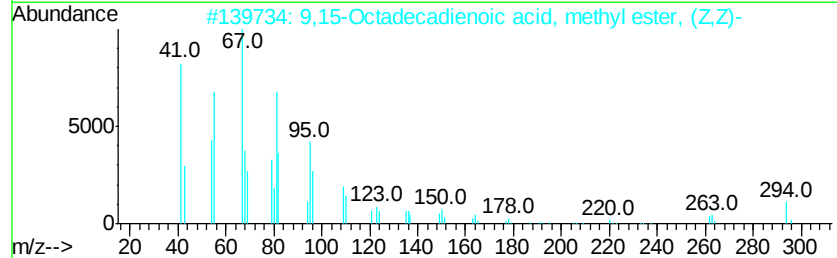
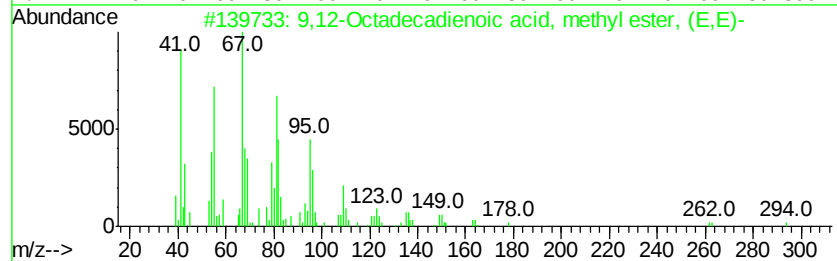
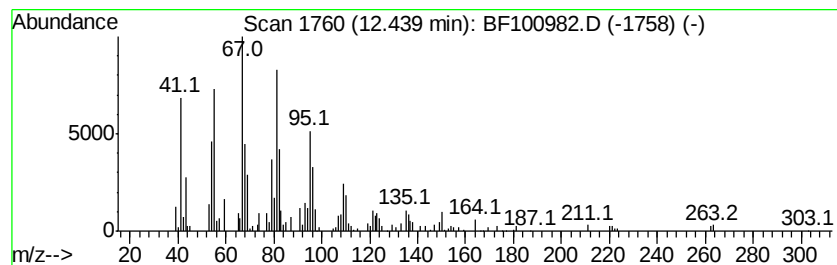
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	14.88 ng	473459	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5		12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
Data File : BF100982.D
Acq On : 29 Nov 2017 17:11
Operator : SJ/JU
Sample : I6302-09 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-B

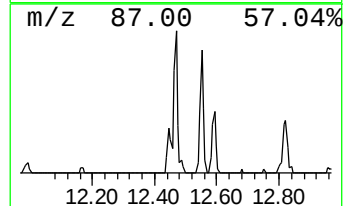
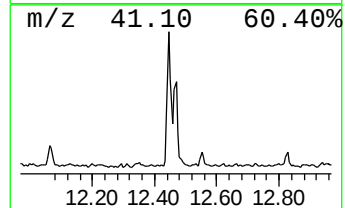
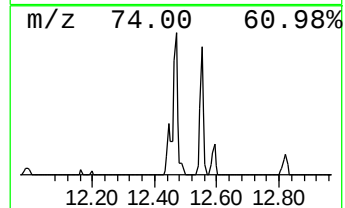
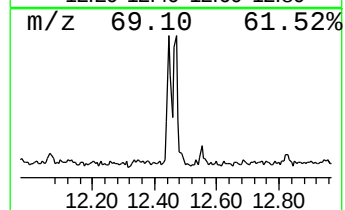
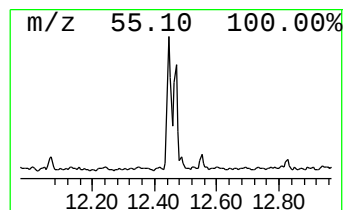
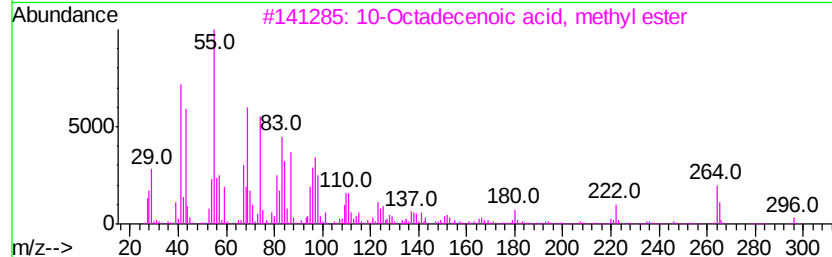
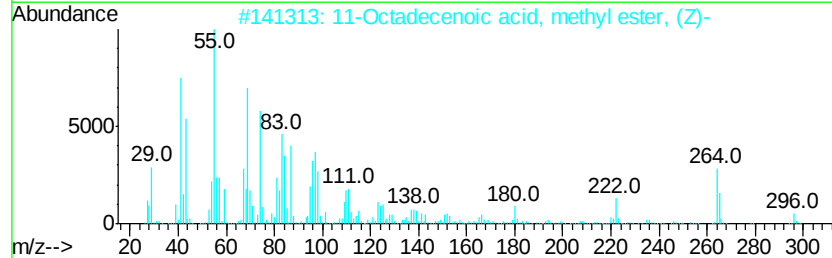
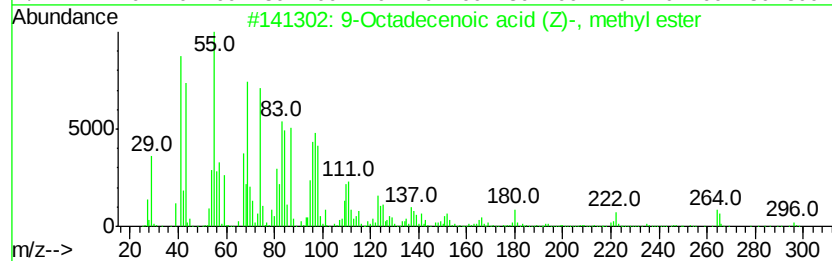
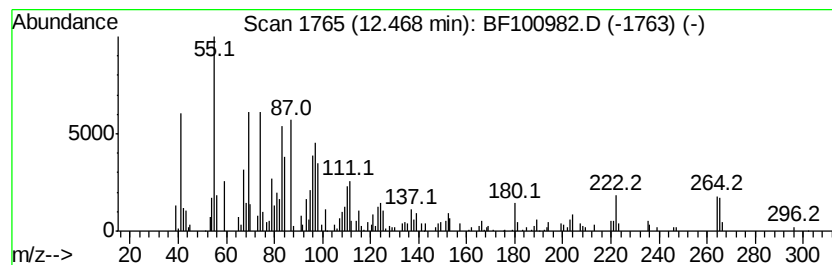
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	9.89 ng	314793	Phenanthrene-d10	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112917\
 Data File : BF100982.D
 Acq On : 29 Nov 2017 17:11
 Operator : SJ/JU
 Sample : I6302-09 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-112817-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
Decane	6.68	9.9	ng	311152	1	6.85	628671	20.0
Octane, 2-methyl-	7.56	8.8	ng	296838	2	8.14	675866	20.0
o-Cymene	7.87	14.6	ng	494332	2	8.14	675866	20.0
unknown8.42	8.42	16.5	ng	556716	2	8.14	675866	20.0
Dodecane, 2-methyl-	8.50	9.9	ng	334953	2	8.14	675866	20.0
Dodecane, 2,6,11-...	8.55	19.0	ng	642818	2	8.14	675866	20.0
Tridecane	8.72	30.5	ng	1029720	2	8.14	675866	20.0
Tridecane, 4-methyl-	9.05	9.1	ng	317222	3	9.89	694463	20.0
unknown9.08	9.08	10.7	ng	371995	3	9.89	694463	20.0
Dodecane, 2,6,10-...	9.15	12.7	ng	439512	3	9.89	694463	20.0
Naphthalene, 1,7-...	9.47	11.8	ng	408643	3	9.89	694463	20.0
Naphthalene, 2,3-...	9.55	23.4	ng	812225	3	9.89	694463	20.0
Pentadecane, 7-me...	9.60	21.3	ng	738967	3	9.89	694463	20.0
unknown9.66	9.66	8.5	ng	293699	3	9.89	694463	20.0
Hexadecane	10.31	8.3	ng	289005	3	9.89	694463	20.0
9,12-Octadecadien...	12.44	14.9	ng	473459	4	11.38	636314	20.0
9-Octadecenoic ac...	12.47	9.9	ng	314793	4	11.38	636314	20.0