

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083118\
 Data File : BF108693.D
 Acq On : 31 Aug 2018 17:08
 Operator : JU/SJ
 Sample : J4712-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-09

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-BF083018.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	5.596	550	554	559	rBV2	162250	263733	3.56%	0.208%
2	5.643	559	562	577	rVB	225271	579218	7.83%	0.457%
3	6.637	728	731	737	rBV	340666	704030	9.52%	0.555%
4	6.684	737	739	742	rVV	208941	214762	2.90%	0.169%
5	6.772	752	754	759	rBV	591287	713335	9.64%	0.563%
6	7.001	788	793	801	rBV2	168061	392843	5.31%	0.310%
7	7.101	806	810	813	rBV	2390666	2038128	27.55%	1.608%
8	7.154	816	819	833	rBV2	749205	1433066	19.37%	1.130%
9	7.566	885	889	895	rBV	579713	827480	11.18%	0.653%
10	7.795	926	928	935	rVB2	111884	135583	1.83%	0.107%
11	7.937	949	952	955	rVB2	187482	202628	2.74%	0.160%
12	7.972	955	958	960	rBV	188841	160063	2.16%	0.126%
13	8.001	960	963	968	rBV	344791	345541	4.67%	0.273%
14	8.048	968	971	979	rBV	380346	419238	5.67%	0.331%
15	8.172	989	992	995	rBV3	128066	170022	2.30%	0.134%
16	8.242	1000	1004	1008	rBV	3336059	2880931	38.94%	2.272%
17	8.284	1008	1011	1014	rBV4	324906	481654	6.51%	0.380%
18	8.319	1014	1017	1020	rVB	1147234	981607	13.27%	0.774%
19	8.348	1020	1022	1024	rBV2	371879	442399	5.98%	0.349%
20	8.413	1029	1033	1036	rBV	467816	491715	6.65%	0.388%
21	8.454	1036	1040	1042	rBV	456545	537340	7.26%	0.424%
22	8.560	1054	1058	1062	rVV2	1700564	2713407	36.68%	2.140%
23	8.601	1062	1065	1068	rVV	1404302	1290120	17.44%	1.018%
24	8.637	1068	1071	1074	rVV	2000373	1825153	24.67%	1.440%
25	8.678	1075	1078	1082	rVV	2482589	2678667	36.21%	2.113%
26	8.719	1082	1085	1091	rVB4	484200	792946	10.72%	0.625%
27	8.807	1097	1100	1103	rBV	247722	321355	4.34%	0.253%
28	8.860	1103	1109	1112	rVV	6694753	7178549	97.03%	5.662%
29	8.907	1112	1117	1121	rVV4	784033	1913674	25.87%	1.509%
30	8.942	1121	1123	1127	rVV2	919440	1173864	15.87%	0.926%
31	8.978	1127	1129	1132	rVV2	342947	421220	5.69%	0.332%
32	9.007	1132	1134	1137	rVV	351916	292736	3.96%	0.231%
33	9.048	1137	1141	1149	rVV3	667149	1068634	14.44%	0.843%
34	9.107	1149	1151	1153	rVV	282814	262563	3.55%	0.207%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083118\
 Data File : BF108693.D
 Acq On : 31 Aug 2018 17:08
 Operator : JU/SJ
 Sample : J4712-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-09

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-BF083018.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.131	1153	1155	1157	rVV	1161176	1156629	15.63%	0.912%
36	9.148	1157	1158	1160	rVV	1113266	797781	10.78%	0.629%
37	9.178	1160	1163	1166	rVV	1144256	1277655	17.27%	1.008%
38	9.213	1166	1169	1173	rVV	1235900	1240680	16.77%	0.979%
39	9.254	1173	1176	1178	rVV	1100604	916724	12.39%	0.723%
40	9.278	1178	1180	1183	rVV	807657	731726	9.89%	0.577%
41	9.354	1190	1193	1200	rVV	980367	1208800	16.34%	0.953%
42	9.419	1200	1204	1207	rVV	3505657	3213511	43.43%	2.535%
43	9.454	1208	1210	1215	rVV	370363	530722	7.17%	0.419%
44	9.666	1241	1246	1248	rBV2	200332	255200	3.45%	0.201%
45	9.748	1253	1260	1265	rVV3	338363	729660	9.86%	0.576%
46	9.942	1288	1293	1297	rVB2	581731	506565	6.85%	0.400%
47	9.995	1298	1302	1305	rVV	1084180	1166711	15.77%	0.920%
48	10.036	1305	1309	1321	rVB2	491515	1037678	14.03%	0.818%
49	10.442	1375	1378	1382	rBV	277382	235309	3.18%	0.186%
50	10.548	1393	1396	1399	rBV	154945	138703	1.87%	0.109%
51	10.783	1433	1436	1438	rBV	598755	546527	7.39%	0.431%
52	10.836	1442	1445	1453	rVV3	359398	581528	7.86%	0.459%
53	10.919	1456	1459	1461	rVV3	300932	302316	4.09%	0.238%
54	10.954	1461	1465	1467	rVV	2282627	2493848	33.71%	1.967%
55	10.972	1467	1468	1471	rVV	1979171	1490048	20.14%	1.175%
56	11.013	1471	1475	1477	rVV	4549586	5474095	73.99%	4.318%
57	11.048	1477	1481	1484	rVV2	4363162	6513149	88.03%	5.137%
58	11.083	1484	1487	1489	rVV2	4771192	5490889	74.22%	4.331%
59	11.107	1489	1491	1493	rVV	3830803	3241952	43.82%	2.557%
60	11.148	1493	1498	1502	rVV2	2204613	4788819	64.73%	3.777%
61	11.195	1502	1506	1509	rVV3	4621061	5875549	79.42%	4.634%
62	11.236	1509	1513	1517	rVV	5377696	7398511	100.00%	5.836%
63	11.272	1517	1519	1528	rVB2	3288466	3398024	45.93%	2.680%
64	11.342	1528	1531	1533	rBV2	279865	308475	4.17%	0.243%
65	11.372	1533	1536	1537	rVB	211301	159978	2.16%	0.126%
66	11.407	1537	1542	1545	rBV3	399357	593906	8.03%	0.468%
67	11.454	1548	1550	1552	rVB	194394	140147	1.89%	0.111%
68	11.519	1558	1561	1563	rBV2	114321	135536	1.83%	0.107%
69	11.548	1563	1566	1568	rVV	452678	539860	7.30%	0.426%
70	11.566	1568	1569	1575	rVB2	488709	531204	7.18%	0.419%
71	11.619	1575	1578	1580	rBV4	124766	152701	2.06%	0.120%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.642	1580	1582	1585	rVB	178044	166597	2.25%	0.131%
73	11.683	1585	1589	1592	rBV4	205577	361243	4.88%	0.285%
74	11.748	1597	1600	1606	rVB5	127646	238731	3.23%	0.188%
75	11.795	1606	1608	1611	rBV	309408	284268	3.84%	0.224%
76	11.830	1611	1614	1619	rVB	874468	841436	11.37%	0.664%
77	11.960	1634	1636	1641	rVB2	116187	131448	1.78%	0.104%
78	12.048	1648	1651	1653	rBV3	103688	143139	1.93%	0.113%
79	12.207	1675	1678	1681	rBV2	385288	334965	4.53%	0.264%
80	12.260	1684	1687	1689	rBV2	189212	252955	3.42%	0.200%
81	12.489	1723	1726	1729	rVB	221166	207963	2.81%	0.164%
82	12.595	1741	1744	1747	rBV	466180	489410	6.61%	0.386%
83	12.630	1747	1750	1755	rVB	351647	460849	6.23%	0.364%
84	12.742	1766	1769	1770	rBV2	206281	241283	3.26%	0.190%
85	12.766	1770	1773	1775	rBV	1365168	1361805	18.41%	1.074%
86	12.972	1805	1808	1810	rBV3	436335	451954	6.11%	0.356%
87	13.001	1810	1813	1820	rVB	1086195	1370664	18.53%	1.081%
88	13.124	1831	1834	1839	rVB	1081805	1135457	15.35%	0.896%
89	13.330	1866	1869	1871	rBV	578524	596643	8.06%	0.471%
90	13.642	1919	1922	1924	rBV	416718	430937	5.82%	0.340%
91	14.148	2004	2008	2014	rVB	3651726	3871135	52.32%	3.053%
92	14.207	2014	2018	2020	rBV3	812504	1317117	17.80%	1.039%
93	14.430	2053	2056	2060	rVB	955325	1101425	14.89%	0.869%
94	14.801	2115	2119	2121	rBV2	1471423	2184738	29.53%	1.723%
95	14.960	2144	2146	2153	rVB2	752582	859414	11.62%	0.678%
96	15.318	2203	2207	2215	rVB2	1172652	1980364	26.77%	1.562%
97	16.195	2352	2356	2365	rVB	700661	1280592	17.31%	1.010%
98	16.748	2445	2450	2456	rVB2	505894	942689	12.74%	0.744%
99	17.389	2554	2559	2570	rVB3	527682	1310533	17.71%	1.034%
100	18.154	2685	2689	2703	rVB2	314127	780441	10.55%	0.616%

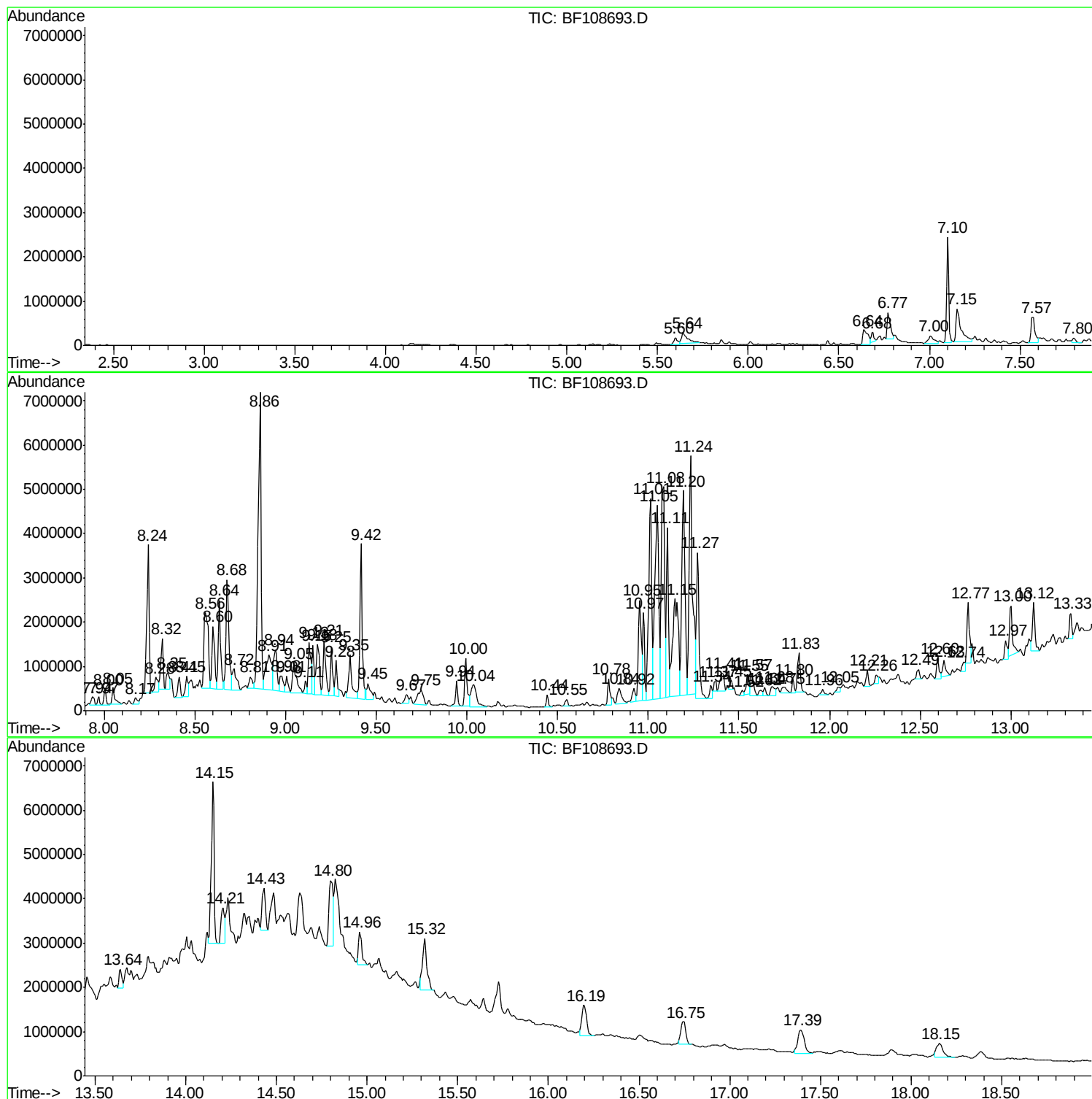
Sum of corrected areas: 126779515

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.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\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

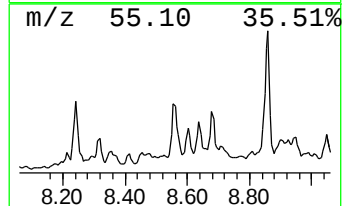
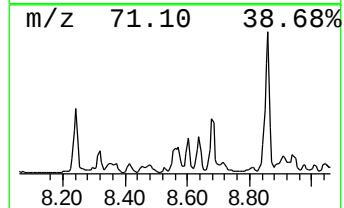
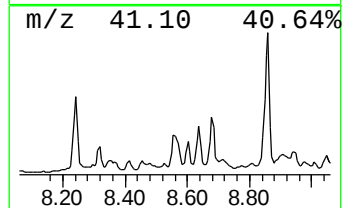
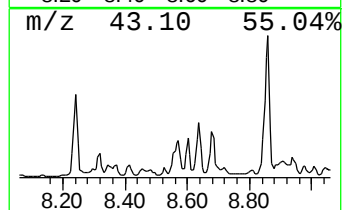
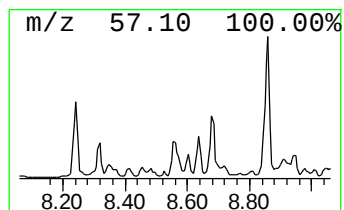
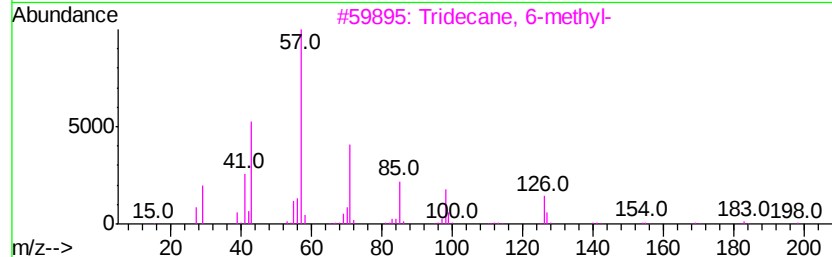
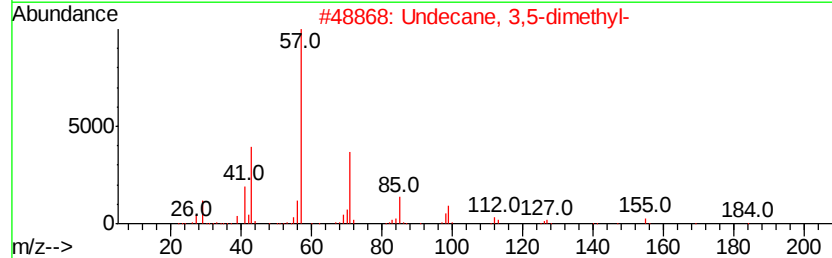
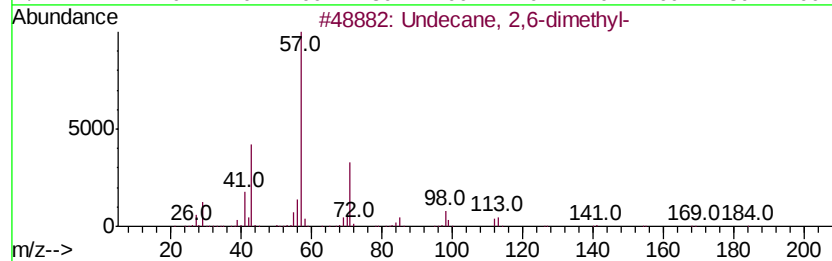
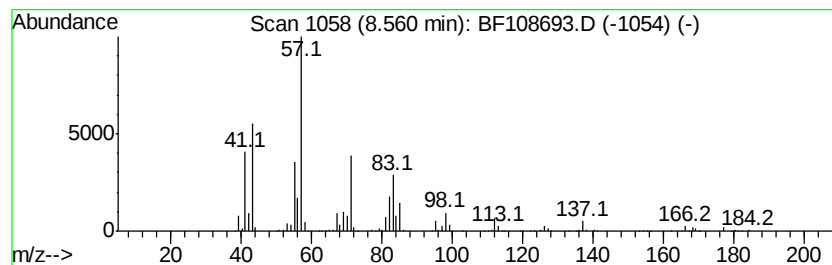
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	112.67 ng	2713410	Napthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	52
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	47
5		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
DW-09

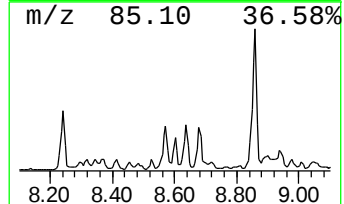
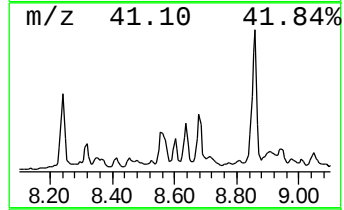
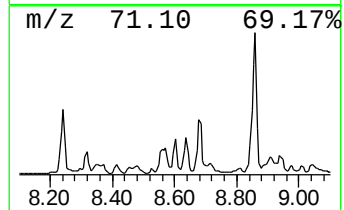
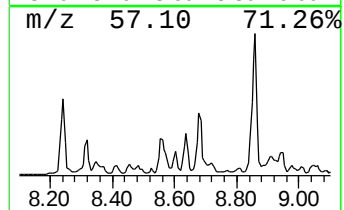
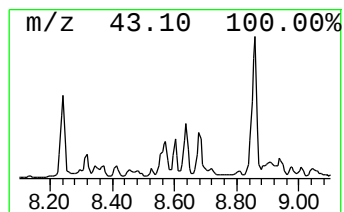
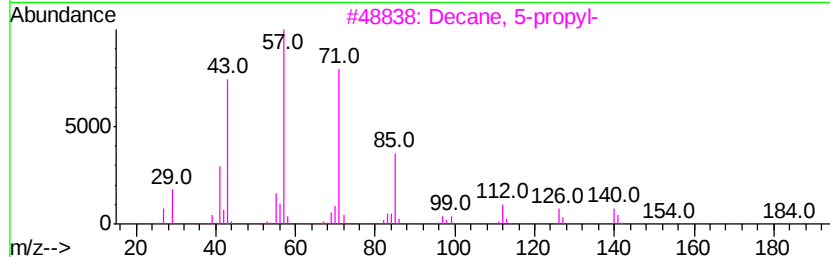
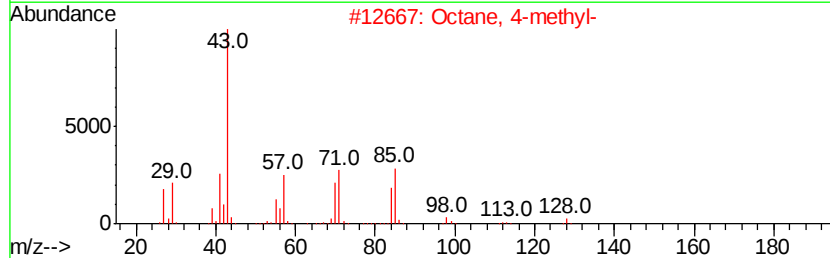
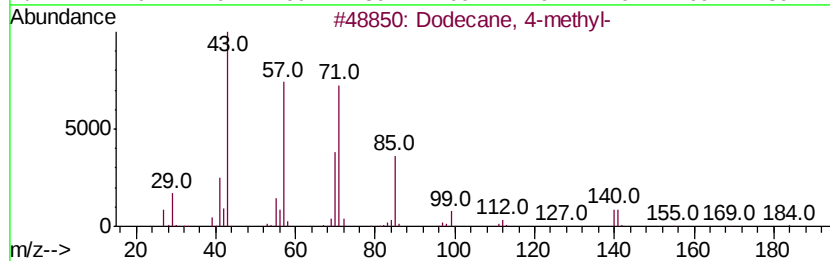
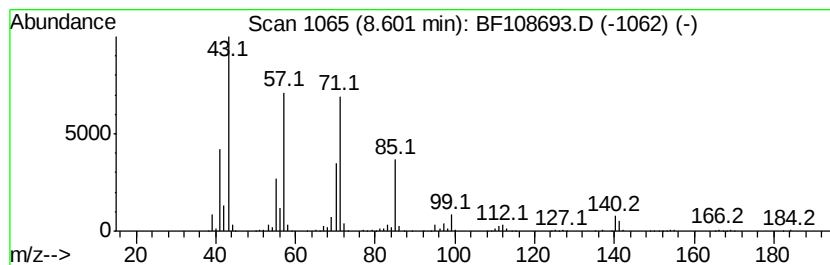
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	53.57 ng	1290120	Naphthalene-d8	8.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90	
2	Octane, 4-methyl-	128	C9H20	002216-34-4	72	
3	Decane, 5-propyl-	184	C13H28	017312-62-8	64	
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64	
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

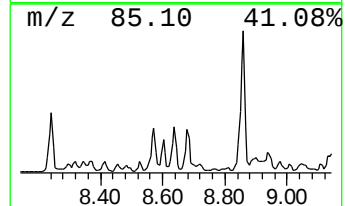
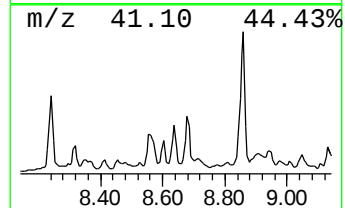
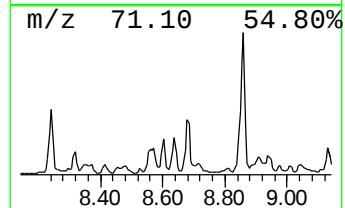
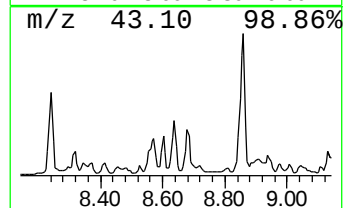
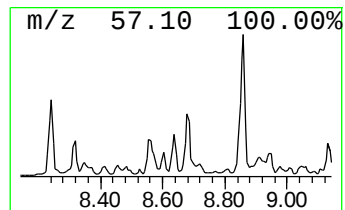
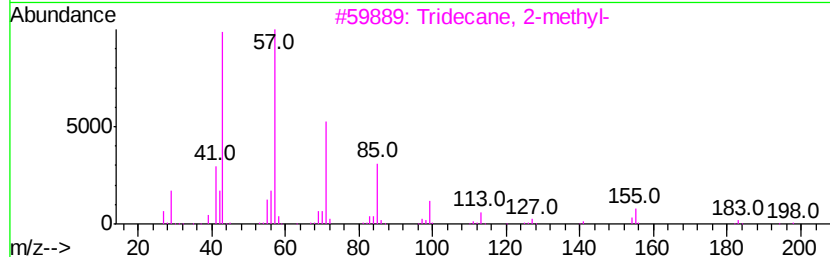
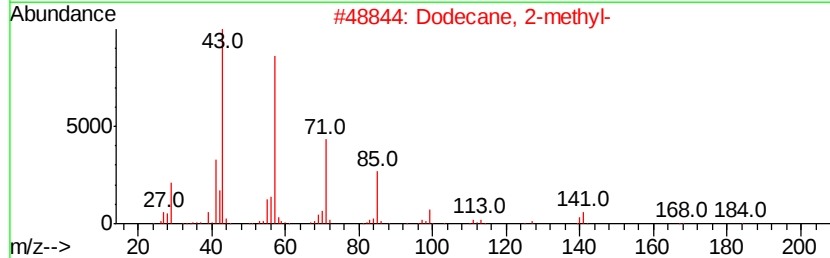
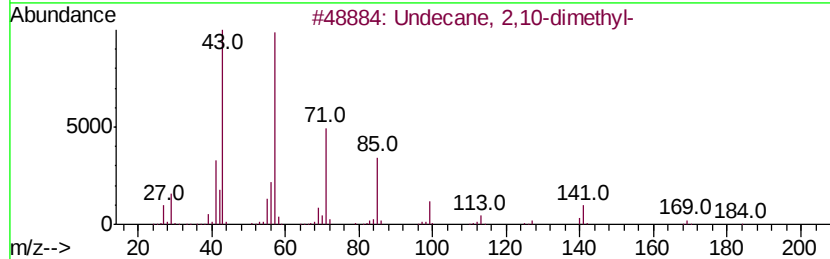
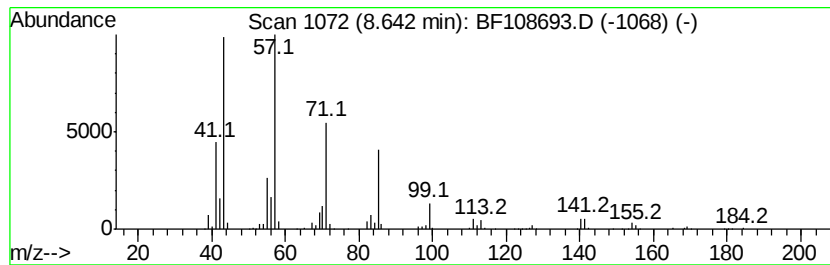
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,10-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	75.79 ng	1825150	Napthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	94
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

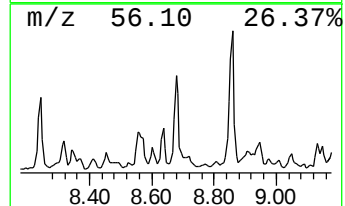
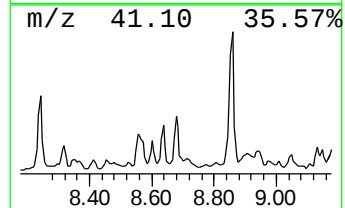
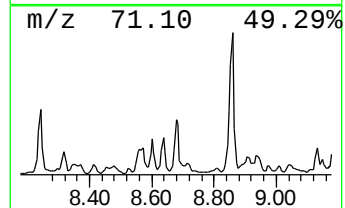
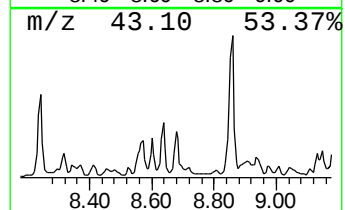
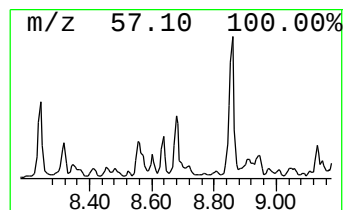
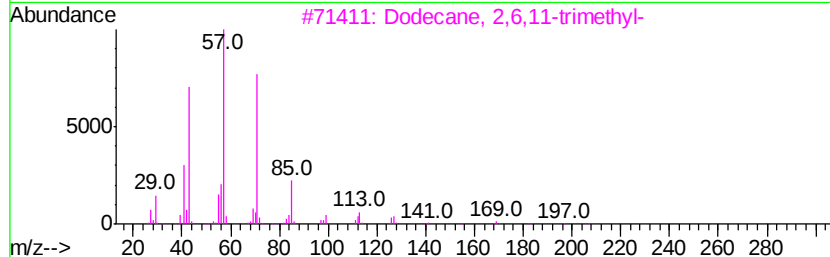
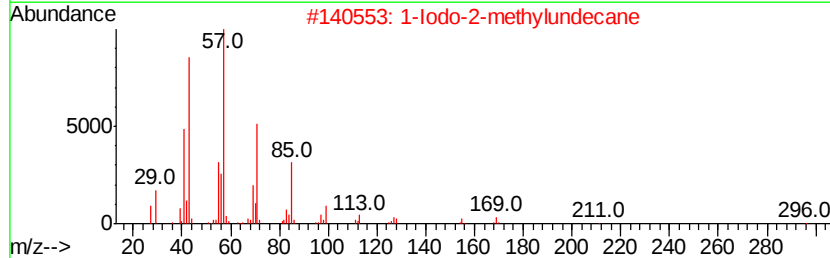
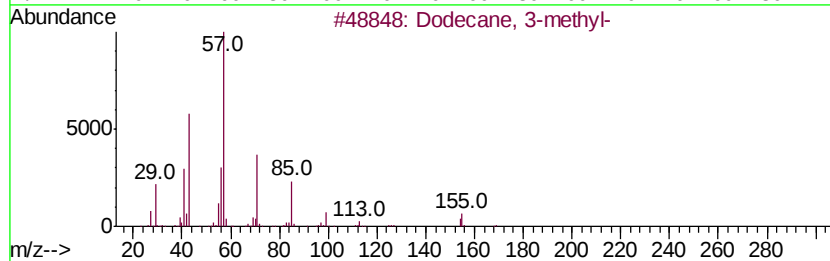
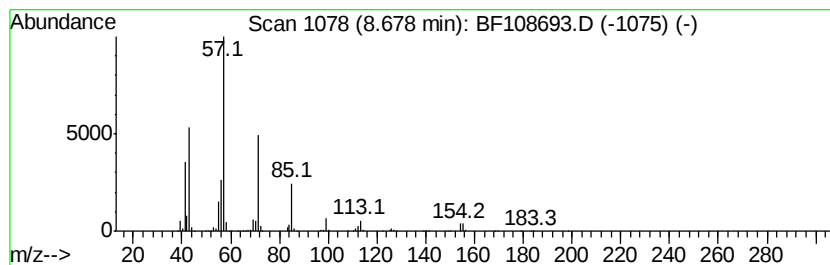
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	111.23 ng	2678670	Napthalene-d8	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4			Tridecane, 4-methyl-	198	C14H30	026730-12-1	53
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

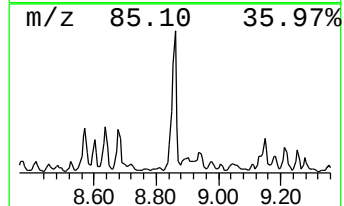
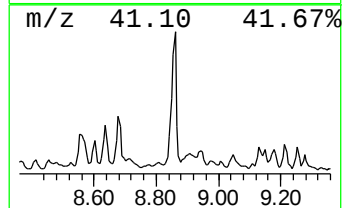
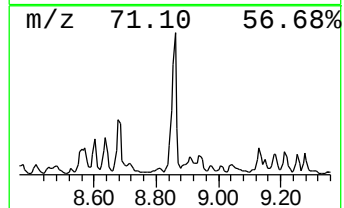
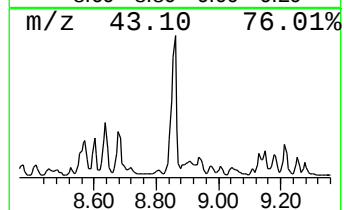
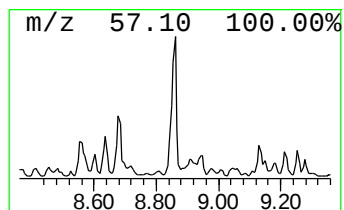
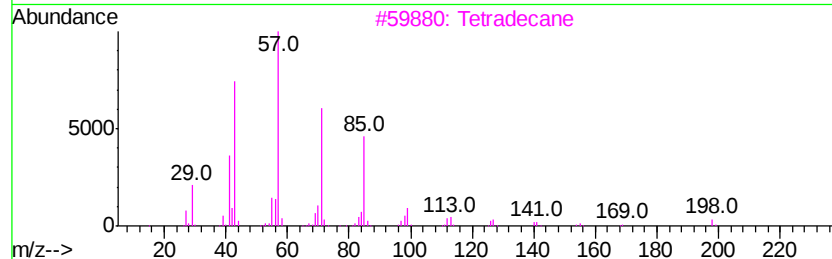
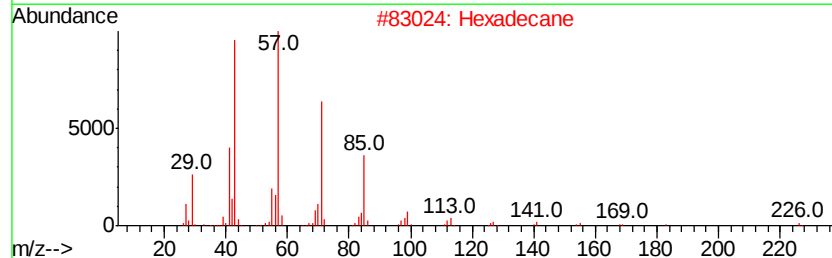
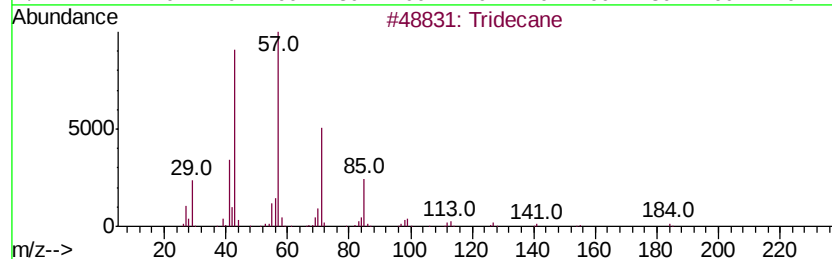
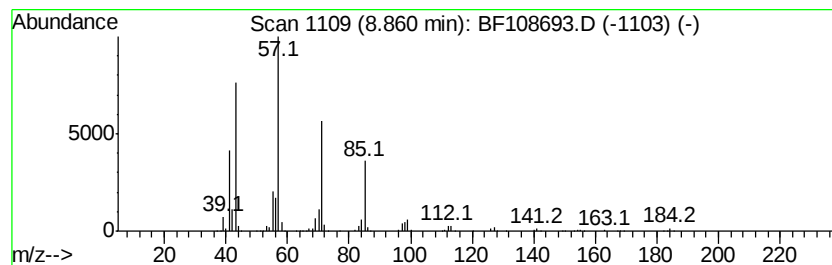
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	298.08 ng	7178550	Naphthalene-d8	8.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

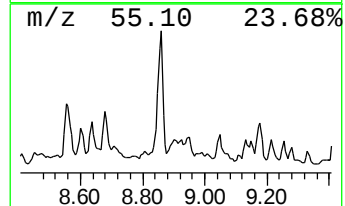
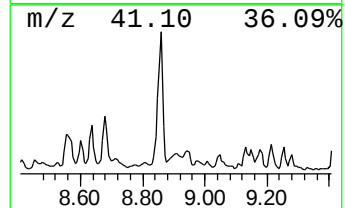
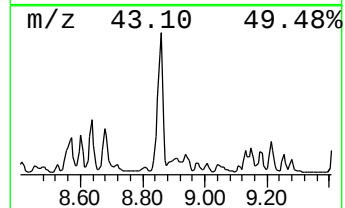
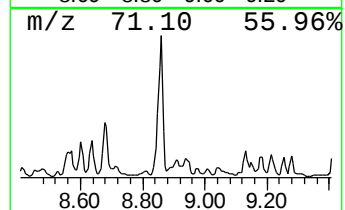
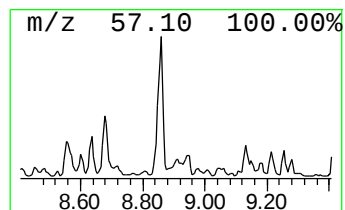
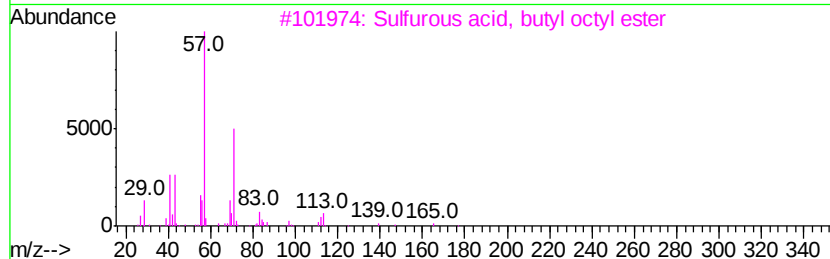
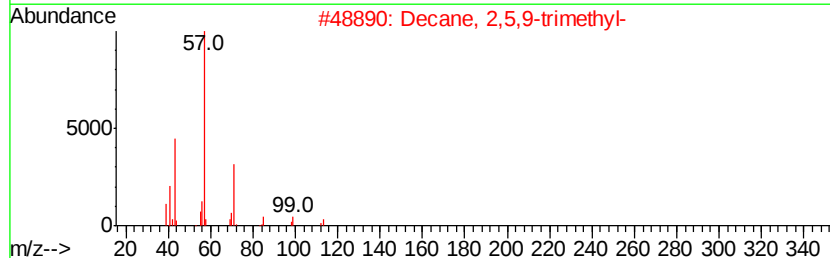
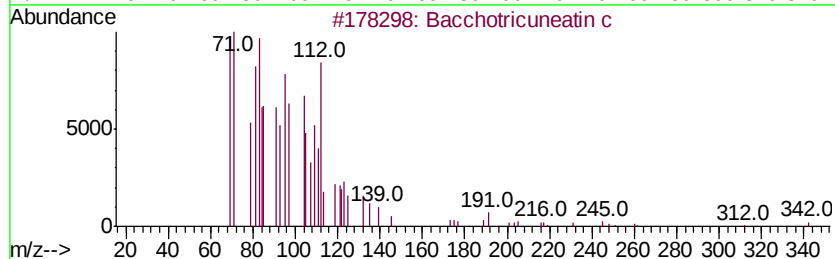
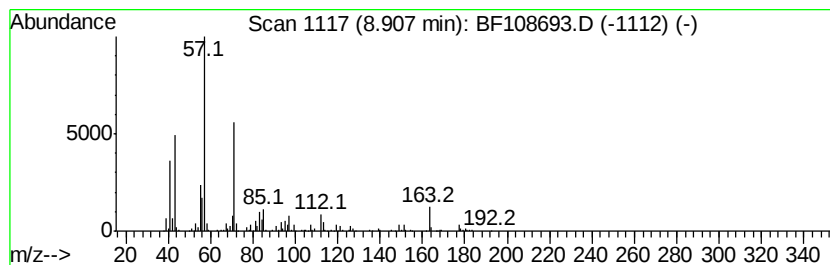
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bacchotricuneatin c Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	79.46 ng	1913670	Napthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50
4		Octacosane	394	C28H58	000630-02-4	50
5		3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

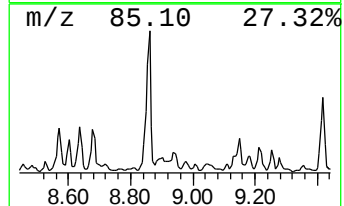
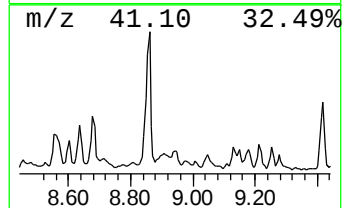
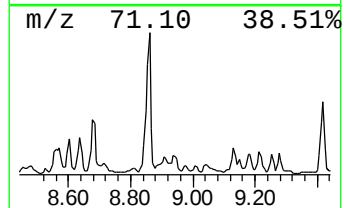
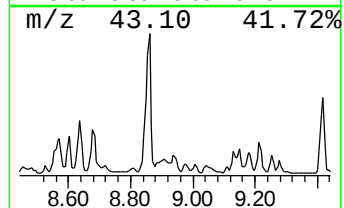
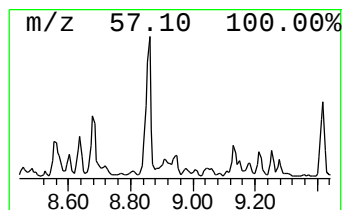
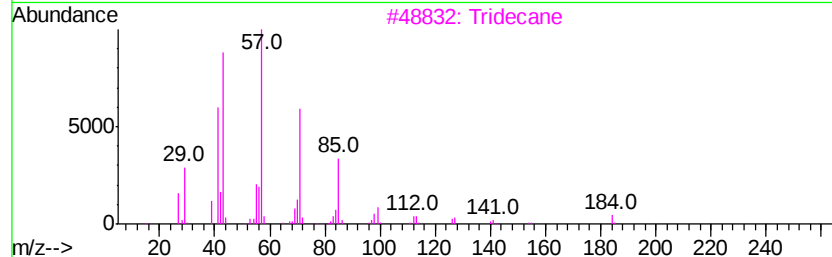
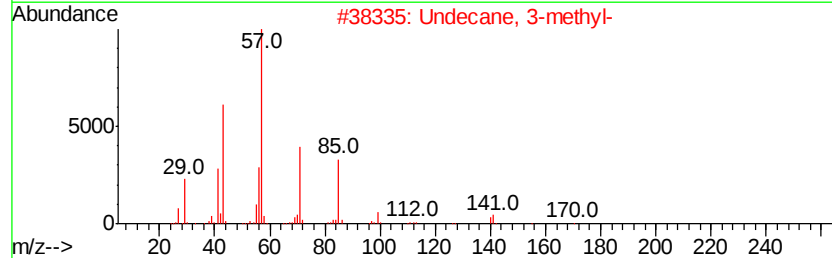
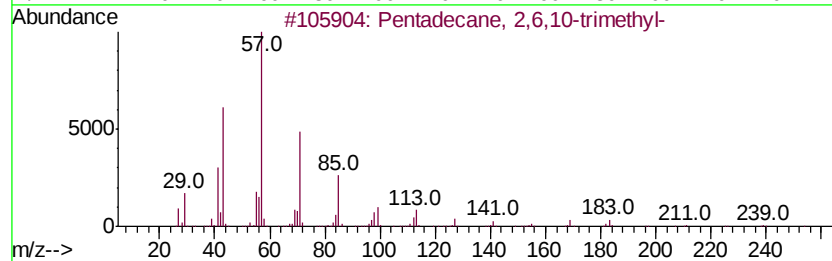
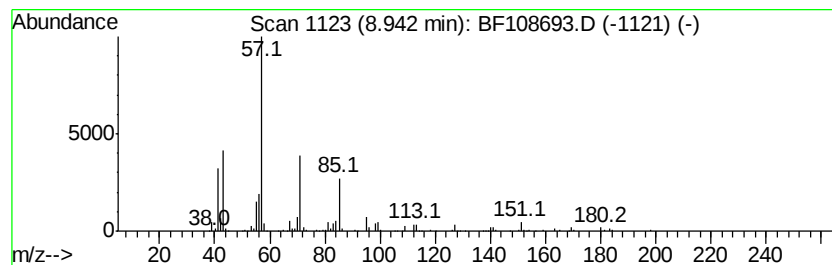
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	48.74 ng	1173860	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3		Tridecane	184	C13H28	000629-50-5	59
4		Tetratetracontane	619	C44H90	007098-22-8	59
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

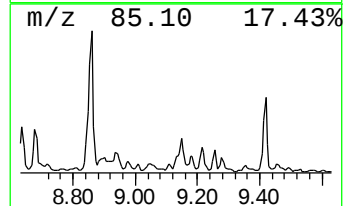
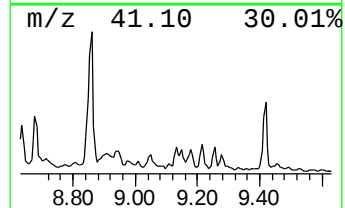
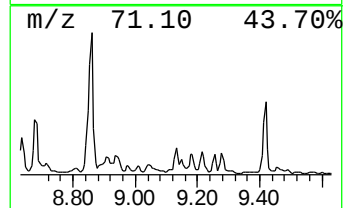
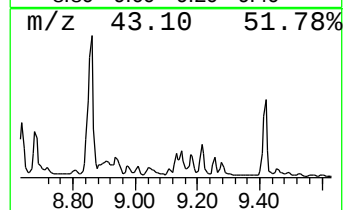
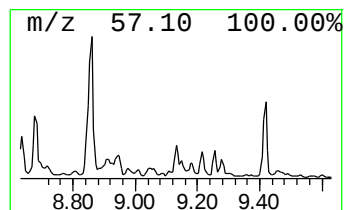
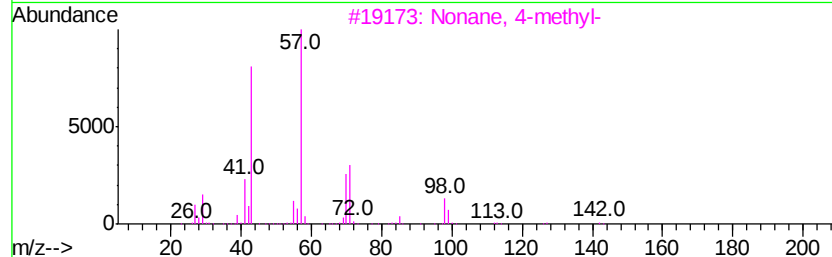
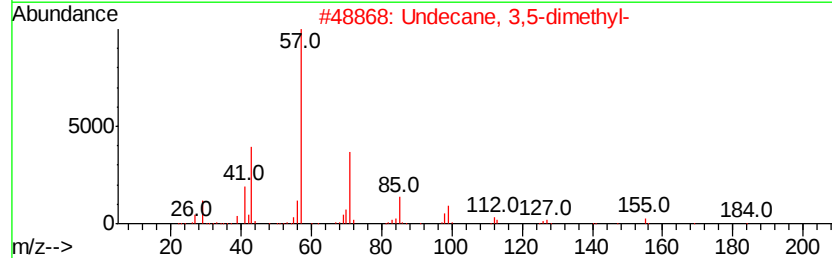
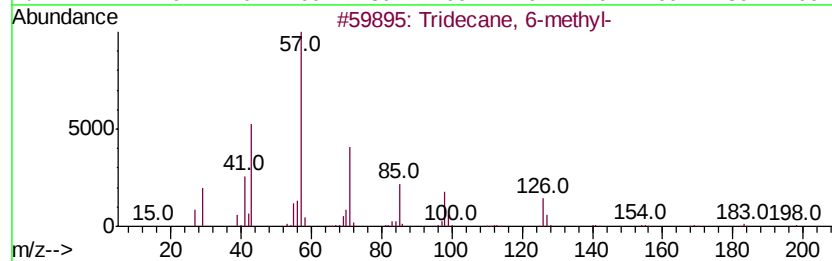
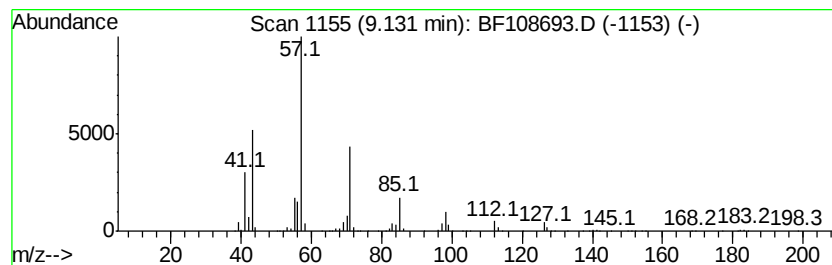
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	48.03 ng	1156630	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	78
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

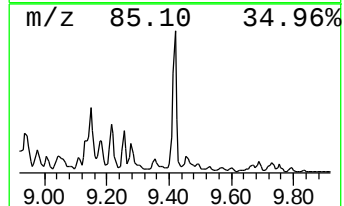
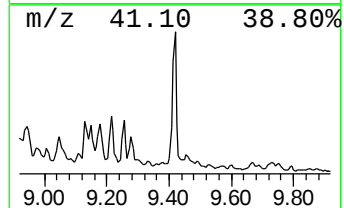
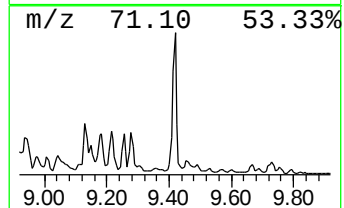
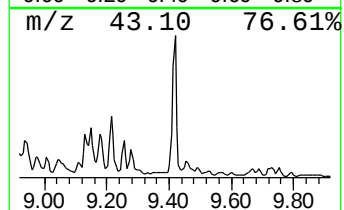
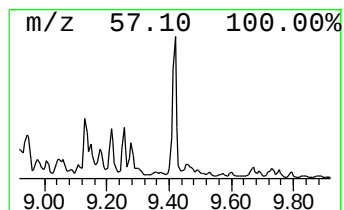
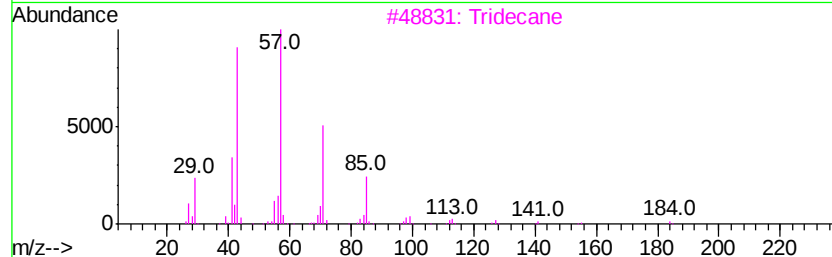
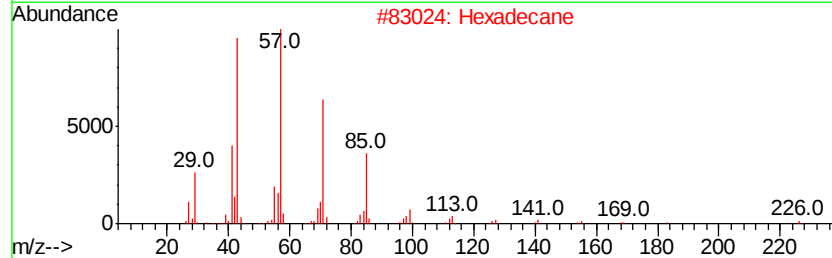
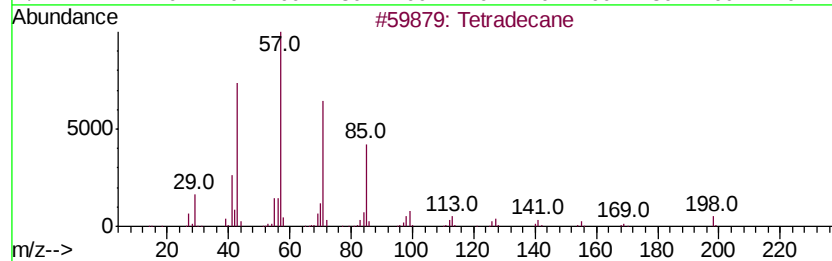
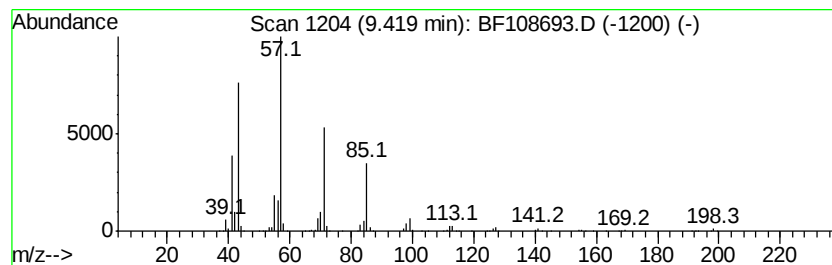
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	61.94 ng	3213510	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Undecane	156	C11H24	001120-21-4	86
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

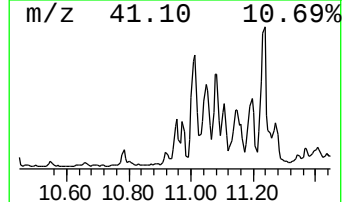
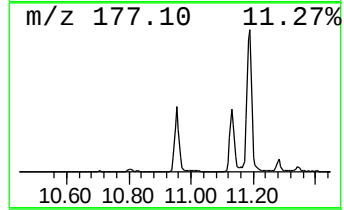
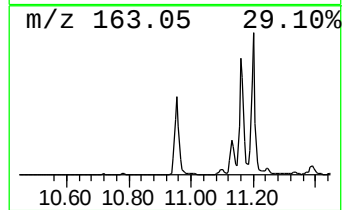
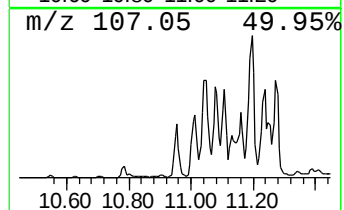
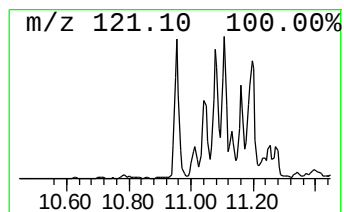
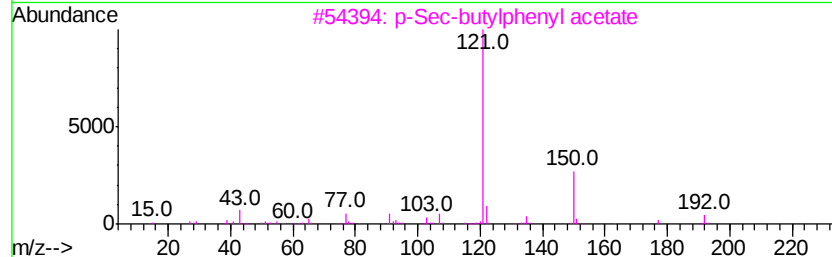
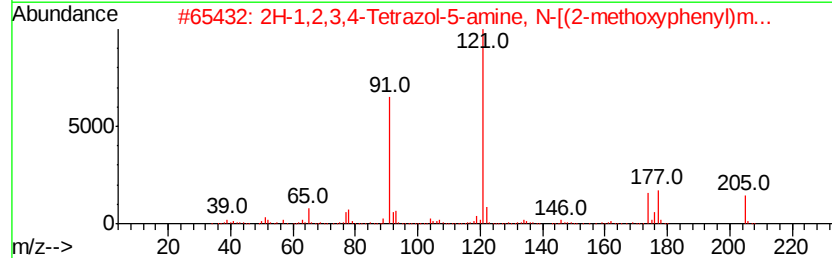
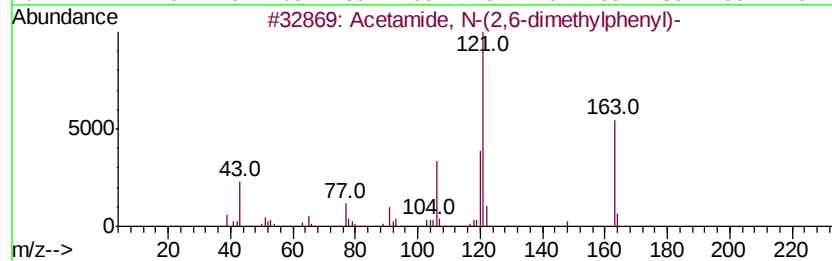
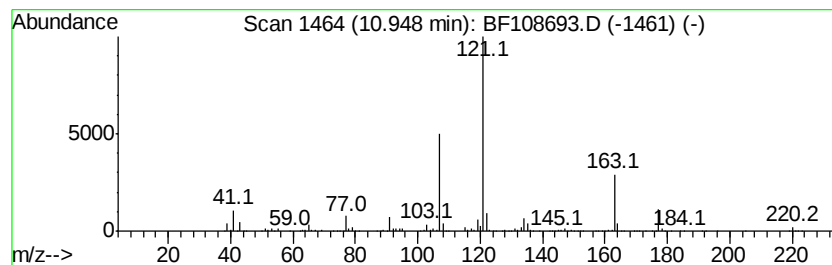
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Acetamide, N-(2,6-dimethylp... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	92.39 ng	2493850	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	50
2		2H-1,2,3,4-Tetrazol-5-amine, N-[...]	205	C9H11N5O	1000337-56-1	47
3		p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
4		N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
5		Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

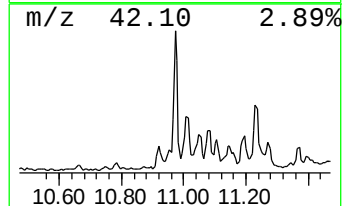
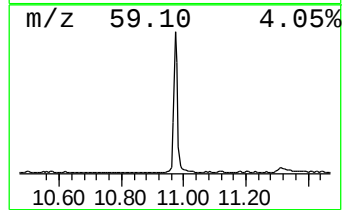
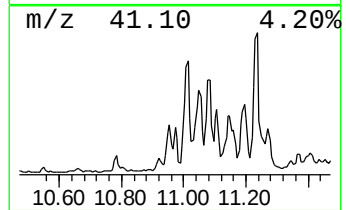
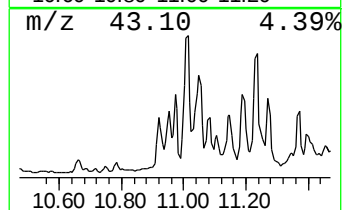
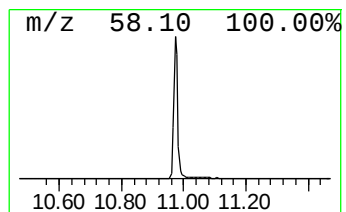
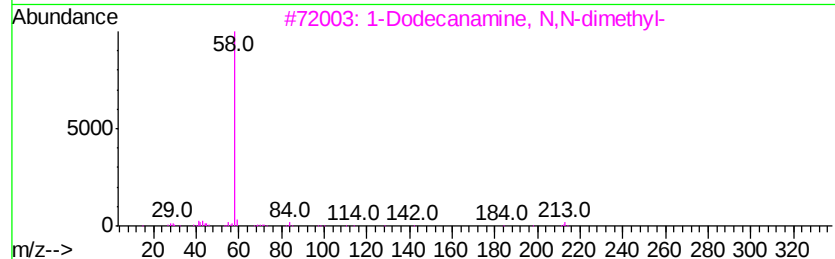
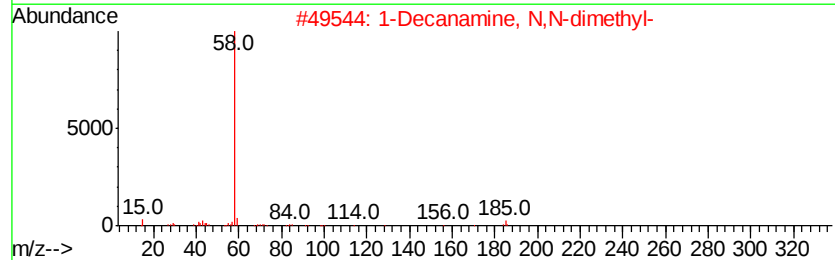
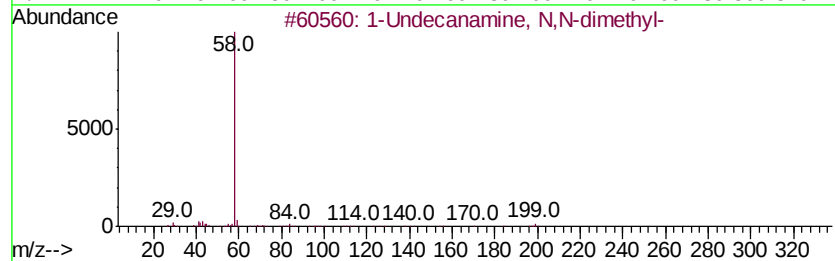
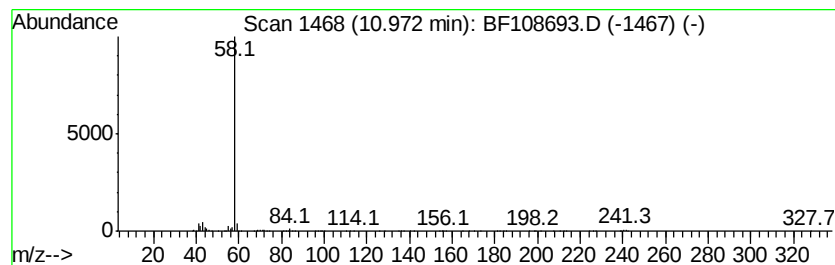
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Undecanamine, N,N-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	55.20 ng	1490050	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	80
2		1-Decanamine, N,N-dimethyl-	185	C12H27N	001120-24-7	78
3		1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	78
4		Dimethyl palmitamine	269	C18H39N	000112-69-6	78
5		3(N,N-Dimethylmyristylammonio)pr...	363	C19H41N03S	014933-09-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

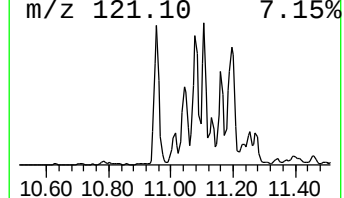
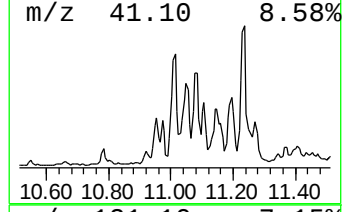
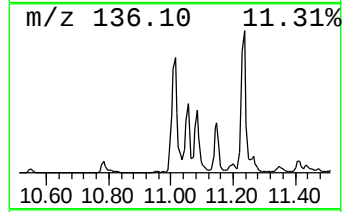
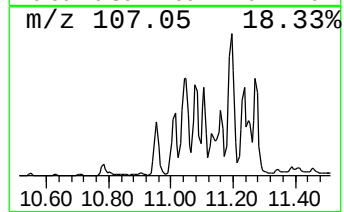
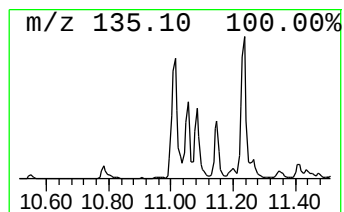
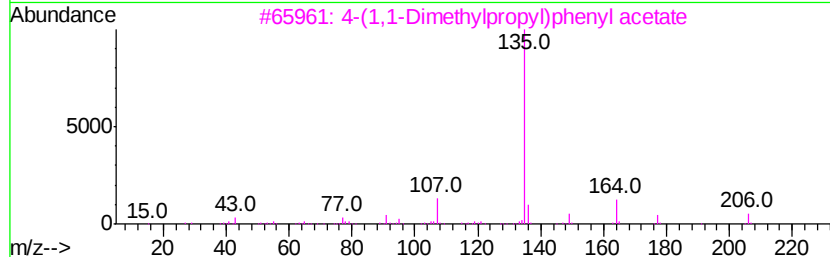
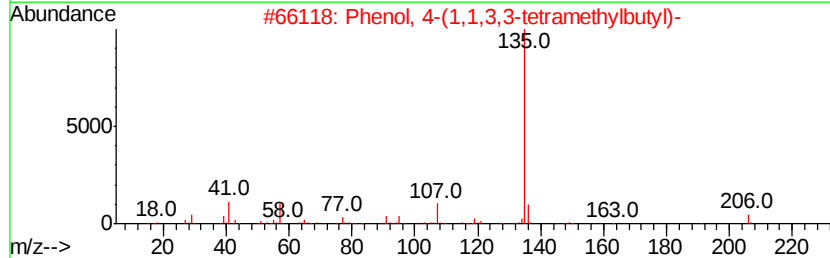
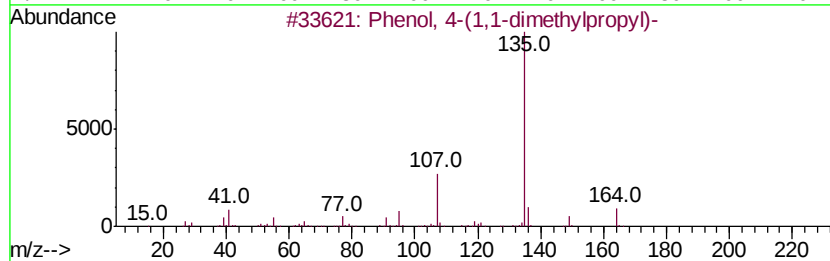
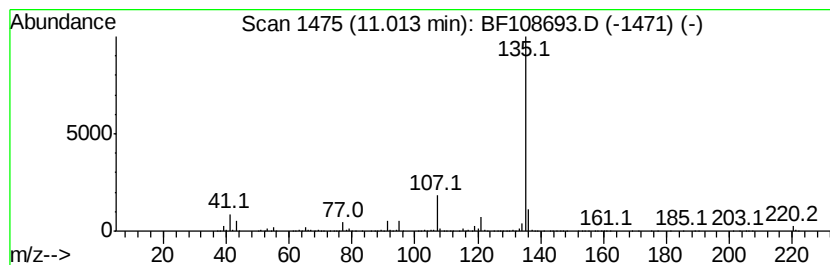
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenol, 4-(1,1-dimethylprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	202.80 ng	5474100	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3		4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4		m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64
5		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

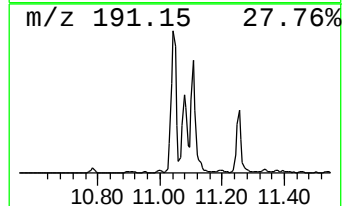
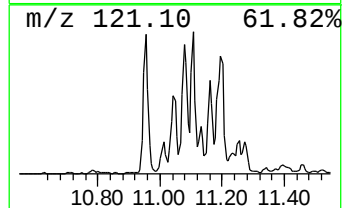
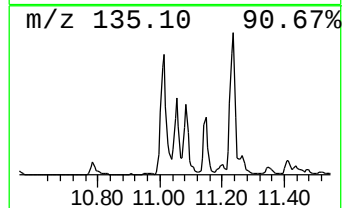
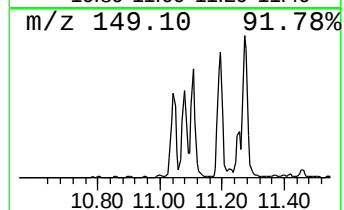
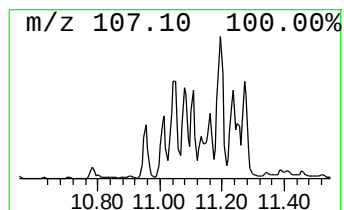
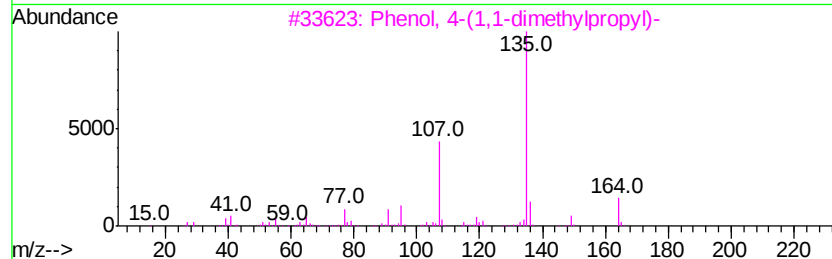
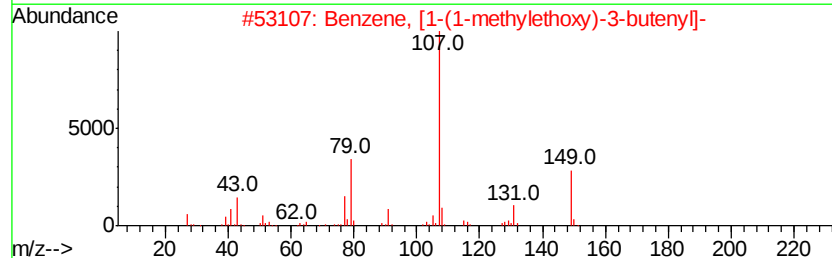
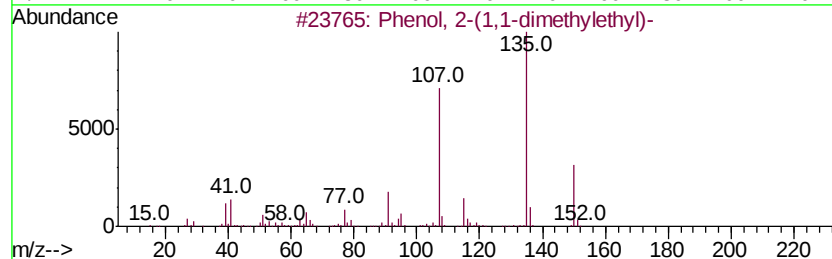
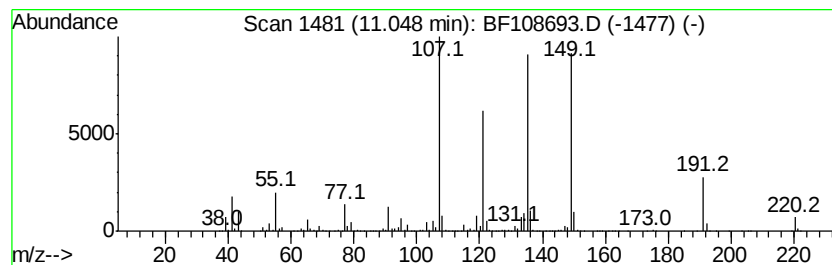
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	241.29 ng	6513150	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	46
2		Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	43
3		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	43
4		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	27
5		Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

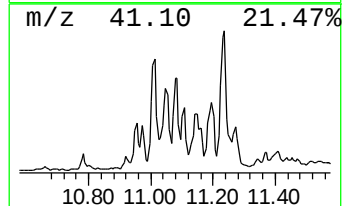
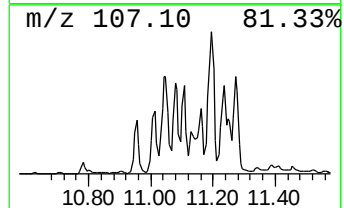
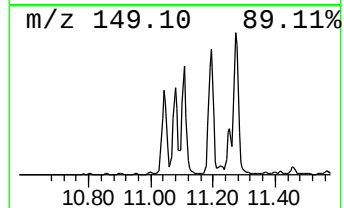
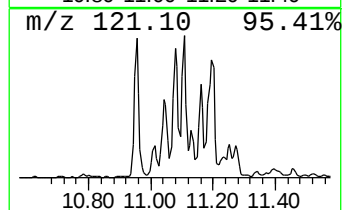
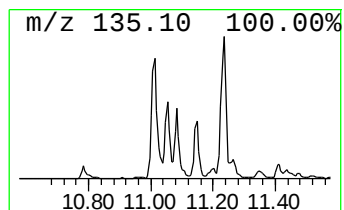
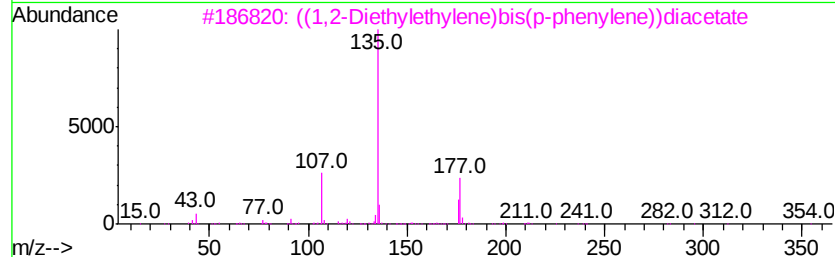
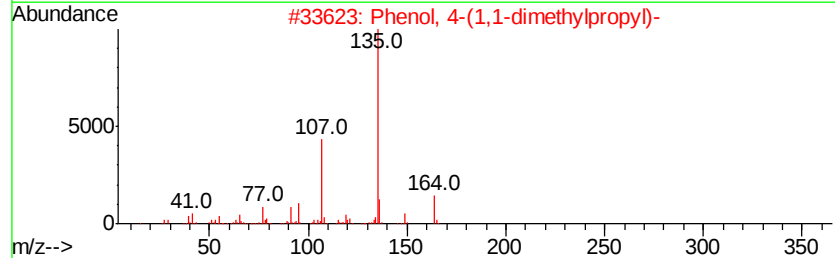
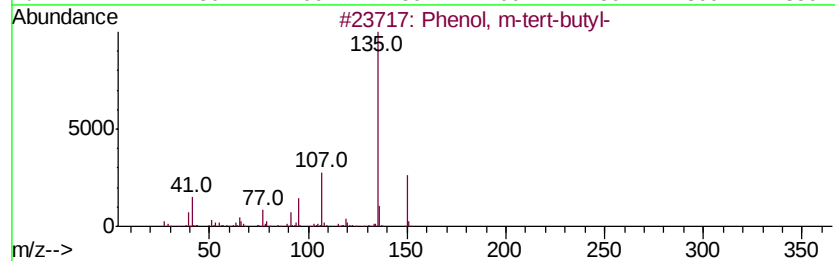
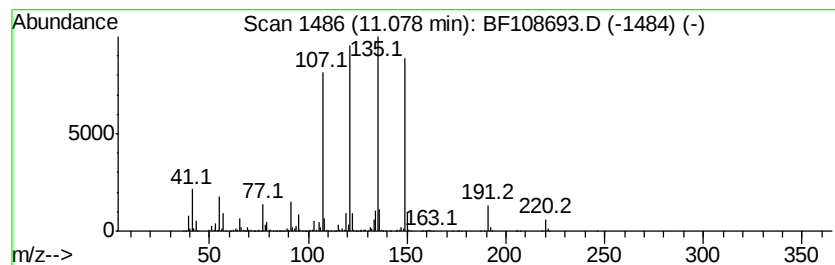
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenol, m-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	203.42 ng	5490890	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
4		Hexestrol	270	C18H22O2	000084-16-2	53
5		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

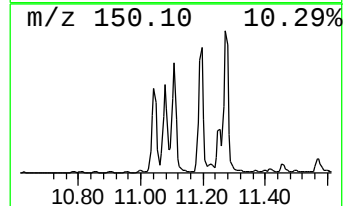
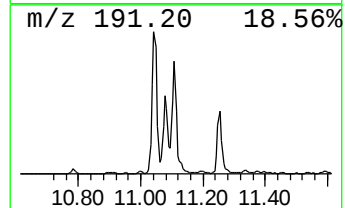
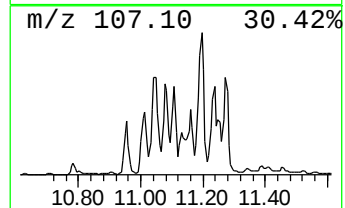
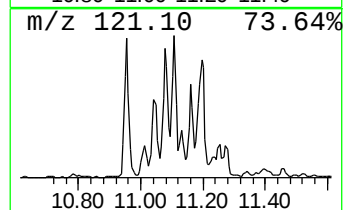
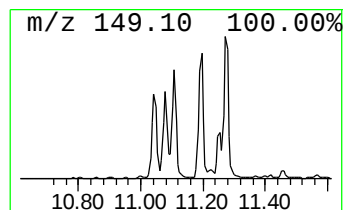
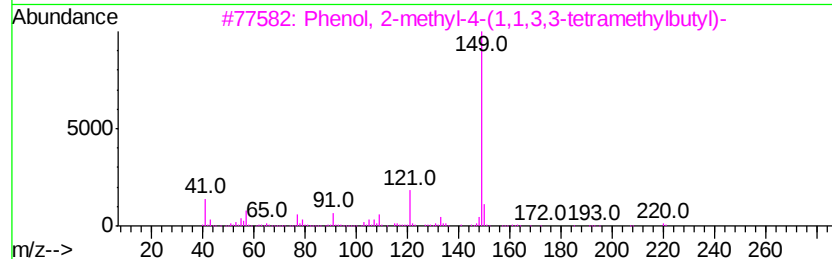
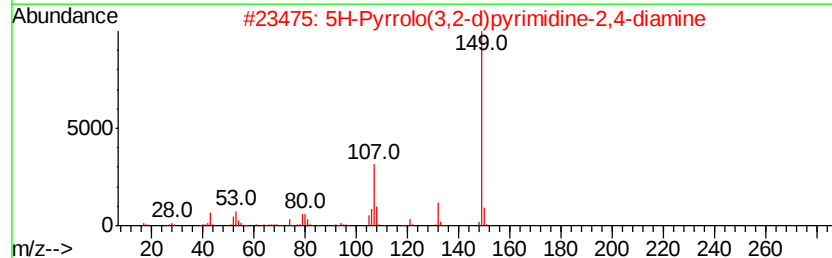
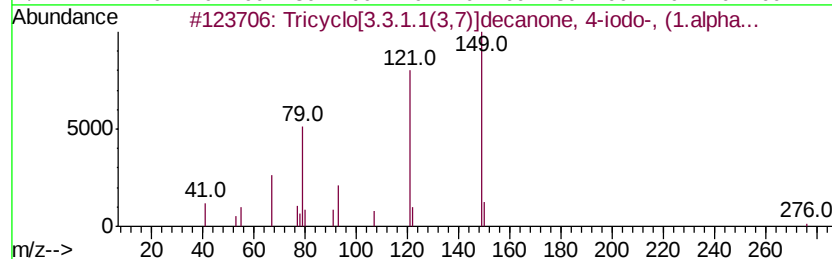
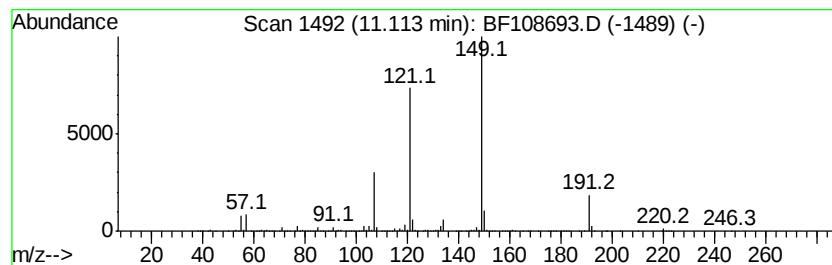
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	120.10 ng	3241950	Phenanthrene-d10	11.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[3.3.1.1(3,7)]decanone, ...	276	C10H13IO	056781-85-2	59
2			5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	46
3			Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
4			Phthalic acid, non-5-vn-3-vl pro...	330	C20H26O4	1000315-18-1	35
5			Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

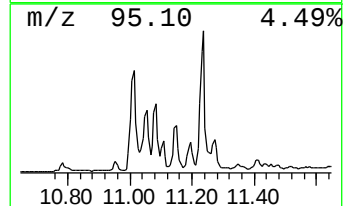
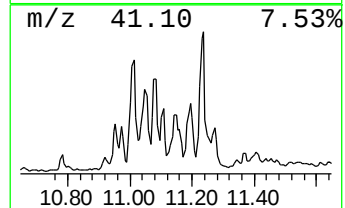
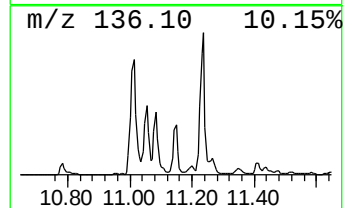
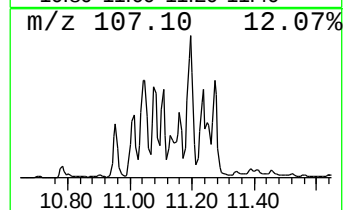
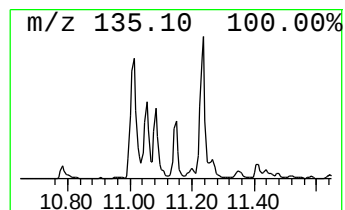
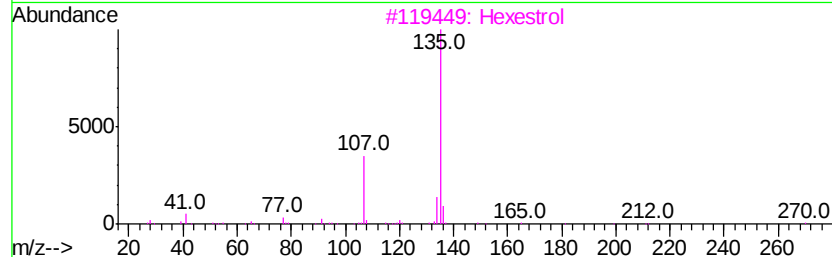
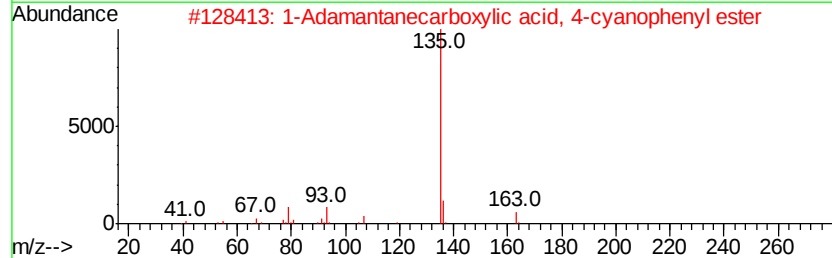
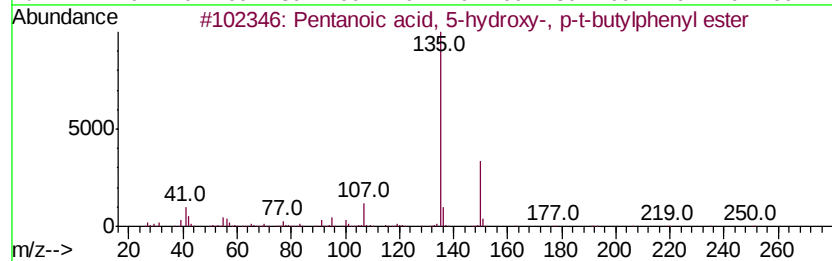
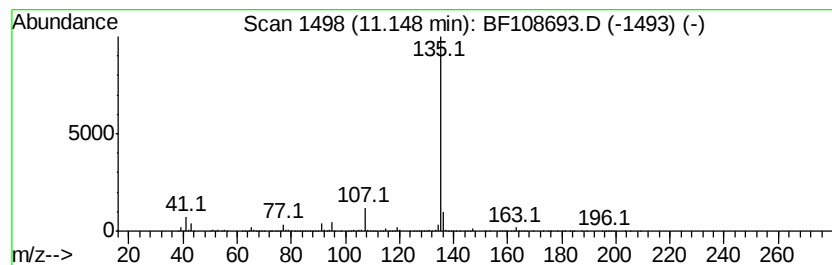
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentanoic acid, 5-hydroxy-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	177.41 ng	4788820	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	83
2		1-Adamantanecarboxylic acid, 4-c...	281	C18H19NO2	1000307-66-3	50
3		Hexestrol	270	C18H22O2	000084-16-2	45
4		m-Anisic acid, 3,4-dichloropheny...	296	C14H10Cl2O3	1000307-80-3	45
5		1,2-Benzenediol, 0-(2-methoxyben...	326	C18H14O6	1000329-71-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

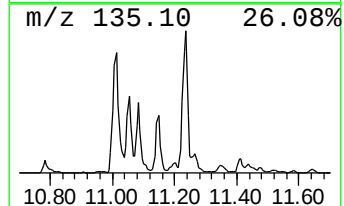
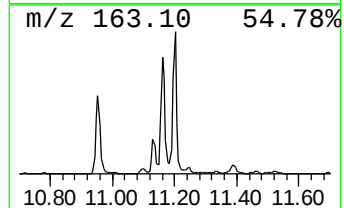
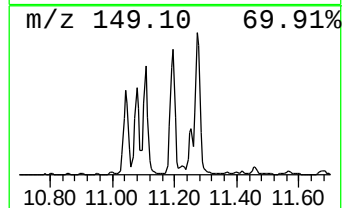
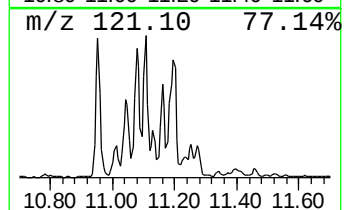
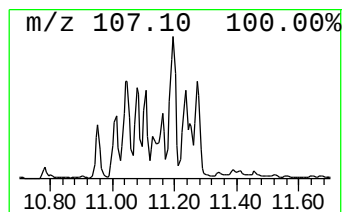
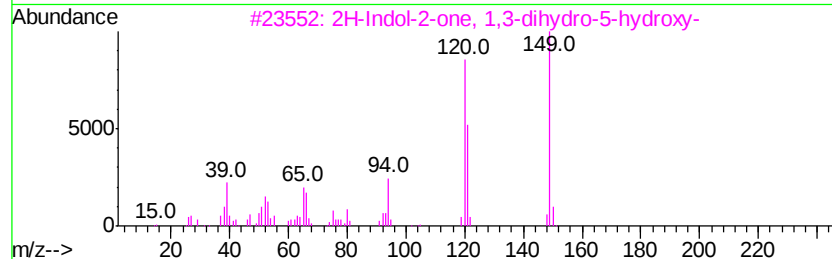
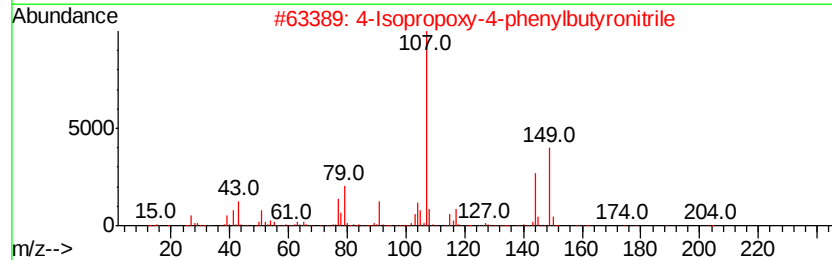
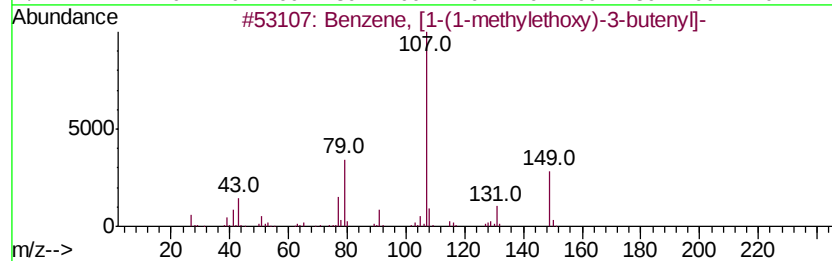
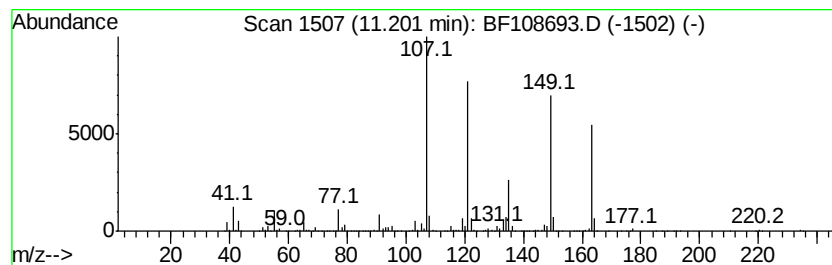
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	217.67 ng	5875550	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	42
2		4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	35
3		2H-Indol-2-one, 1,3-dihydro-5-hv...	149	C8H7NO2	003416-18-0	35
4		3-Ethoxybenzhydrazide	180	C9H12N2O2	027830-16-6	35
5		3',4'-(Methylenedioxy)acetophenone	164	C9H8O3	003162-29-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

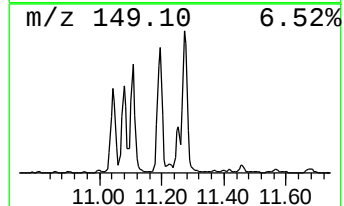
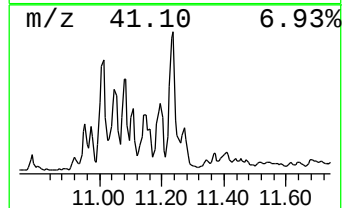
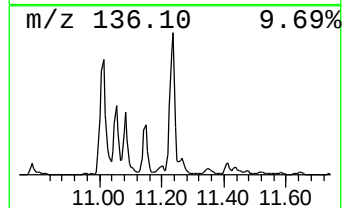
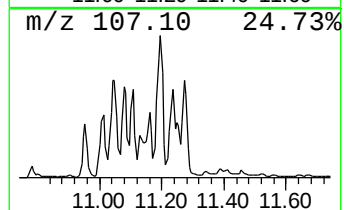
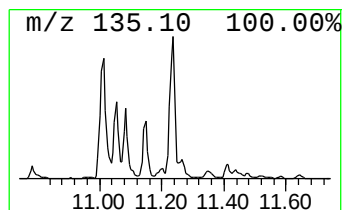
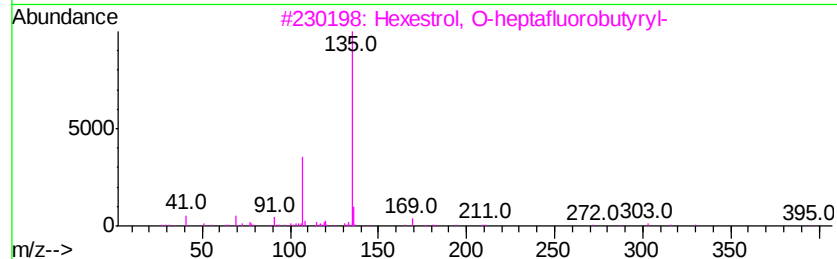
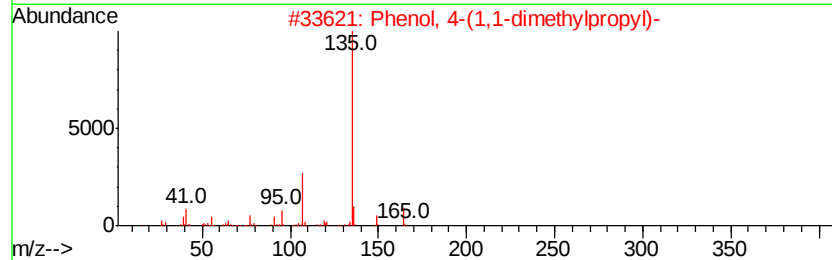
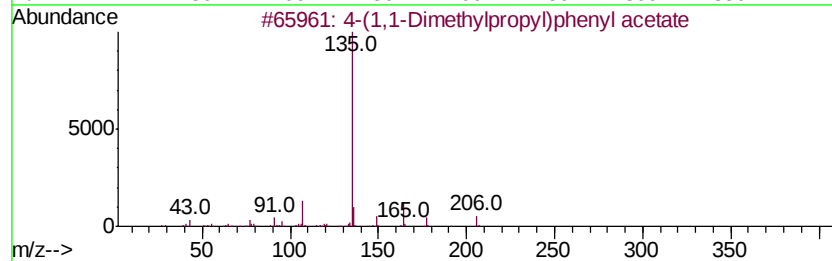
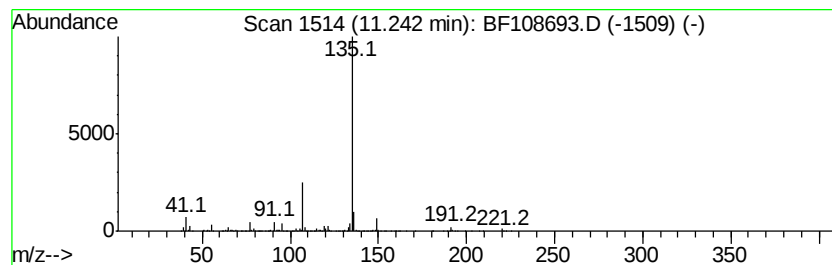
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	274.09 ng	7398510	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	90
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	83
3		Hexestrol, O-heptafluorobutyl-	466	C22H21F7O3	1000365-31-9	72
4		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
5		Hexestrol	270	C18H22O2	000084-16-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108693.D
Acq On : 31 Aug 2018 17:08
Operator : JU/SJ
Sample : J4712-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-09

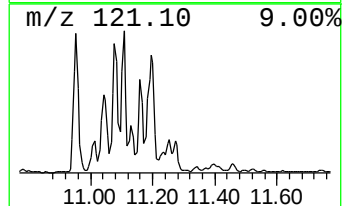
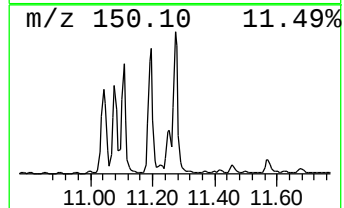
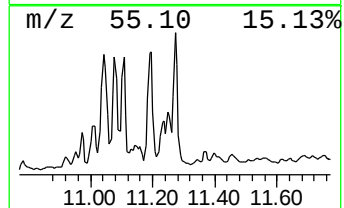
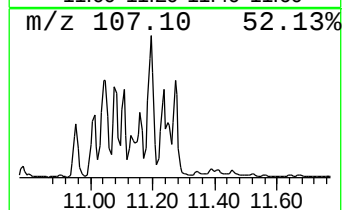
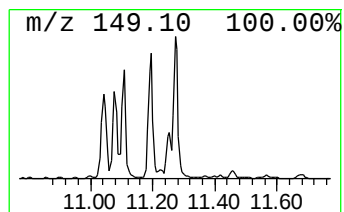
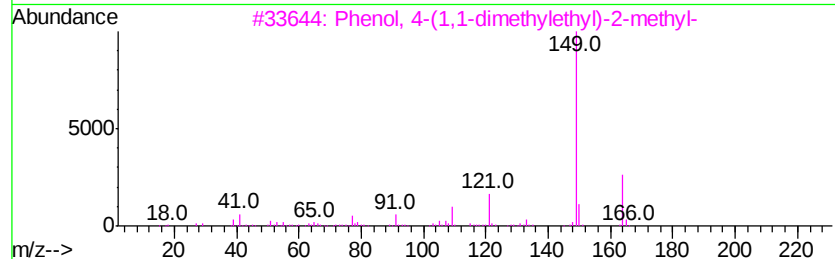
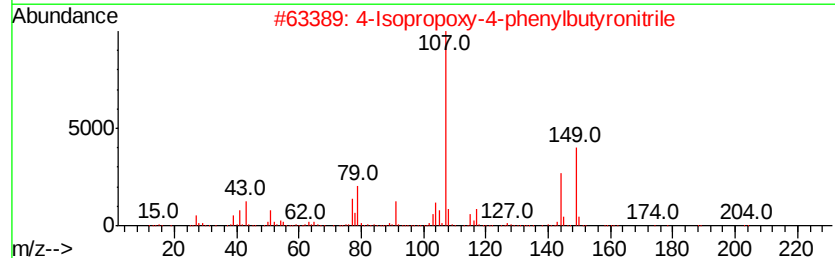
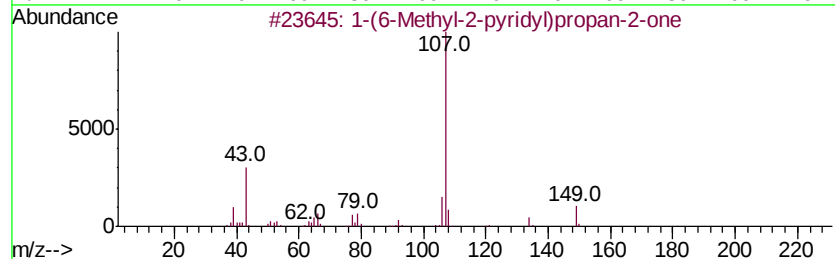
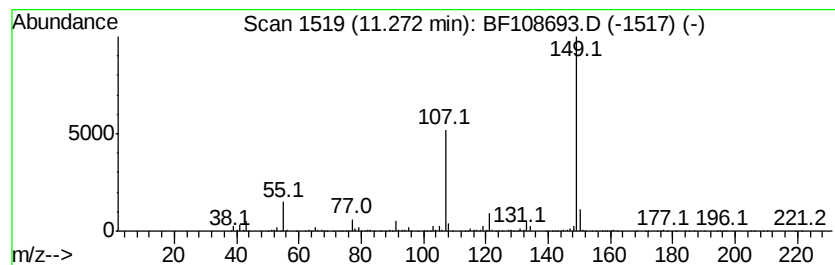
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-(6-Methyl-2-pyridyl)propan-2-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	125.89 ng	3398020	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	56
2		4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	56
3		Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
4		Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	40
5		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083118\
 Data File : BF108693.D
 Acq On : 31 Aug 2018 17:08
 Operator : JU/SJ
 Sample : J4712-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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
Cyclohexane, 1-me...	7.10	103.8	ng	2038130	1	7.01	392843	20.0
Undecane, 2,6-dim...	8.56	112.7	ng	2713410	2	8.28	481654	20.0
Dodecane, 4-methyl-	8.60	53.6	ng	1290120	2	8.28	481654	20.0
Undecane, 2,10-di...	8.64	75.8	ng	1825150	2	8.28	481654	20.0
Dodecane, 3-methyl-	8.68	111.2	ng	2678670	2	8.28	481654	20.0
Tridecane	8.86	298.1	ng	7178550	2	8.28	481654	20.0
Bacchotricuneatin c	8.91	79.5	ng	1913670	2	8.28	481654	20.0
Pentadecane, 2,6,...	8.94	48.7	ng	1173860	2	8.28	481654	20.0
Tridecane, 6-methyl-	9.13	48.0	ng	1156630	2	8.28	481654	20.0
Tetradecane	9.42	61.9	ng	3213510	3	10.04	1037680	20.0
Acetamide, N-(2,6...	10.95	92.4	ng	2493850	4	11.55	539860	20.0
1-Undecanamine, N...	10.97	55.2	ng	1490050	4	11.55	539860	20.0
Phenol, 4-(1,1-di...	11.01	202.8	ng	5474100	4	11.55	539860	20.0
unknown11.05	11.05	241.3	ng	6513150	4	11.55	539860	20.0
Phenol, m-tert-bu...	11.08	203.4	ng	5490890	4	11.55	539860	20.0
Tricyclo[3.3.1.1(...	11.11	120.1	ng	3241950	4	11.55	539860	20.0
Pentanoic acid, 5...	11.15	177.4	ng	4788820	4	11.55	539860	20.0
unknown11.20	11.20	217.7	ng	5875550	4	11.55	539860	20.0
4-(1,1-Dimethylpr...	11.24	274.1	ng	7398510	4	11.55	539860	20.0
1-(6-Methyl-2-pyr...	11.27	125.9	ng	3398020	4	11.55	539860	20.0