

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
 Data File : BF112084.D
 Acq On : 17 Jan 2019 12:56
 Operator : JU/SJ
 Sample : K1012-11 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-011518-C

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-BF011619.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	5.487	575	578	588	rVB	571040	564823	8.41%	0.881%
2	5.775	623	627	635	rVB	153476	143028	2.13%	0.223%
3	6.116	679	685	691	rVV3	148316	198239	2.95%	0.309%
4	6.392	729	732	735	rBV2	263075	298780	4.45%	0.466%
5	6.463	739	744	747	rBV2	161596	211002	3.14%	0.329%
6	6.498	747	750	755	rBV	713812	663412	9.87%	1.035%
7	6.604	764	768	770	rBV3	102896	144884	2.16%	0.226%
8	6.634	770	773	779	rVB	869173	773997	11.52%	1.208%
9	6.698	779	784	787	rBV2	1370056	1533222	22.82%	2.393%
10	6.816	795	804	808	rBV5	91886	238894	3.56%	0.373%
11	6.863	808	812	819	rVB2	1884300	2023912	30.12%	3.158%
12	6.922	819	822	826	rBV2	320856	325330	4.84%	0.508%
13	7.016	834	838	841	rBV2	933320	891975	13.28%	1.392%
14	7.139	856	859	862	rVB	544412	472267	7.03%	0.737%
15	7.181	862	866	868	rBV2	442994	515039	7.67%	0.804%
16	7.204	868	870	874	rVB	345582	288864	4.30%	0.451%
17	7.257	874	879	882	rBV2	487124	571933	8.51%	0.893%
18	7.351	893	895	897	rVV	181388	135805	2.02%	0.212%
19	7.398	898	903	904	rVV3	404118	484110	7.21%	0.755%
20	7.416	904	906	909	rVV2	497439	491070	7.31%	0.766%
21	7.463	911	914	917	rVB	2518154	2081781	30.99%	3.249%
22	7.510	917	922	925	rVB4	386755	524212	7.80%	0.818%
23	7.545	925	928	930	rBV3	180279	224095	3.34%	0.350%
24	7.575	930	933	936	rVV2	221117	226044	3.36%	0.353%
25	7.645	941	945	946	rVV3	189970	244884	3.64%	0.382%
26	7.669	946	949	952	rVB3	232005	310063	4.62%	0.484%
27	7.745	958	962	963	rBV4	164707	151921	2.26%	0.237%
28	7.763	963	965	968	rVV2	380043	414179	6.16%	0.646%
29	7.786	968	969	973	rVV3	300868	329047	4.90%	0.513%
30	7.828	973	976	979	rVV3	261023	307836	4.58%	0.480%
31	7.863	979	982	984	rVV	440906	362428	5.39%	0.566%
32	7.892	984	987	992	rVV5	494432	746762	11.11%	1.165%
33	7.939	992	995	997	rVV	270497	250390	3.73%	0.391%
34	7.981	1001	1002	1005	rVB	311062	232671	3.46%	0.363%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
 Data File : BF112084.D
 Acq On : 17 Jan 2019 12:56
 Operator : JU/SJ
 Sample : K1012-11 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-011518-C

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-BF011619.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.016	1005	1008	1012	rBV3	145755	151720	2.26%	0.237%
36	8.128	1024	1027	1029	rVV	2922283	3051741	45.42%	4.762%
37	8.145	1029	1030	1032	rVV	2584379	1388373	20.66%	2.167%
38	8.163	1032	1033	1036	rVV2	334752	323742	4.82%	0.505%
39	8.204	1036	1040	1043	rVB	637242	706226	10.51%	1.102%
40	8.233	1043	1045	1048	rBV3	178611	153670	2.29%	0.240%
41	8.339	1061	1063	1067	rVB2	183263	198943	2.96%	0.310%
42	8.386	1067	1071	1075	rBV5	106029	137684	2.05%	0.215%
43	8.439	1075	1080	1086	rVV4	525311	650263	9.68%	1.015%
44	8.492	1086	1089	1091	rVV2	236477	222150	3.31%	0.347%
45	8.522	1091	1094	1098	rVB3	416388	375452	5.59%	0.586%
46	8.569	1098	1102	1104	rBV	708829	661232	9.84%	1.032%
47	8.651	1113	1116	1118	rBV	401095	346501	5.16%	0.541%
48	8.733	1127	1130	1135	rVV	2086795	1860734	27.70%	2.904%
49	8.804	1139	1142	1144	rVV3	281340	260581	3.88%	0.407%
50	8.833	1144	1147	1149	rVB2	208538	163099	2.43%	0.255%
51	8.857	1149	1151	1155	rVB	358720	269411	4.01%	0.420%
52	8.957	1165	1168	1172	rBV2	279254	384277	5.72%	0.600%
53	9.016	1177	1178	1180	rVV	162919	154040	2.29%	0.240%
54	9.051	1182	1184	1188	rVV3	253972	382536	5.69%	0.597%
55	9.098	1188	1192	1196	rVV3	290314	362893	5.40%	0.566%
56	9.139	1196	1199	1201	rVV	219967	167980	2.50%	0.262%
57	9.169	1201	1204	1209	rVB2	494638	518353	7.72%	0.809%
58	9.216	1209	1212	1215	rBV	1088933	792865	11.80%	1.237%
59	9.298	1223	1226	1231	rBV	1802744	1599077	23.80%	2.495%
60	9.369	1236	1238	1241	rVV	162490	146973	2.19%	0.229%
61	9.486	1254	1258	1261	rVB3	153522	209331	3.12%	0.327%
62	9.557	1267	1270	1272	rVV	282050	273125	4.07%	0.426%
63	9.580	1272	1274	1276	rVV2	229126	203399	3.03%	0.317%
64	9.622	1276	1281	1283	rVV4	554292	669365	9.96%	1.045%
65	9.639	1283	1284	1287	rVB2	178551	138782	2.07%	0.217%
66	9.675	1287	1290	1294	rBV	172286	168532	2.51%	0.263%
67	9.827	1313	1316	1321	rVB	1219874	952084	14.17%	1.486%
68	9.875	1321	1324	1325	rBV3	130062	129431	1.93%	0.202%
69	9.898	1325	1328	1332	rVV2	2569531	2171879	32.33%	3.389%
70	10.063	1353	1356	1359	rVV5	76240	130075	1.94%	0.203%
71	10.098	1359	1362	1367	rVV3	125854	219260	3.26%	0.342%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
 Data File : BF112084.D
 Acq On : 17 Jan 2019 12:56
 Operator : JU/SJ
 Sample : K1012-11 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-011518-C

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-BF011619.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.151	1367	1371	1375	rVV5	146148	233549	3.48%	0.364%
73	10.327	1398	1401	1404	rVB	750619	557942	8.30%	0.871%
74	10.445	1418	1421	1426	rVB	153106	167817	2.50%	0.262%
75	10.551	1434	1439	1445	rVV	174762	230101	3.42%	0.359%
76	10.686	1460	1462	1466	rVB	386128	314011	4.67%	0.490%
77	10.798	1478	1481	1487	rBV	470837	559298	8.32%	0.873%
78	11.245	1554	1557	1560	rBV	248529	222201	3.31%	0.347%
79	11.280	1560	1563	1568	rVB	172546	176852	2.63%	0.276%
80	11.386	1577	1581	1583	rBV	2096779	1868133	27.81%	2.915%
81	11.410	1583	1585	1591	rVV	743459	643828	9.58%	1.005%
82	11.457	1591	1593	1597	rVB	195200	174609	2.60%	0.272%
83	11.674	1627	1630	1632	rBV	217701	174626	2.60%	0.273%
84	11.774	1643	1647	1650	rBV	2116532	1739388	25.89%	2.714%
85	11.916	1668	1671	1676	rVB	152427	136278	2.03%	0.213%
86	11.998	1682	1685	1687	rBV	172367	172441	2.57%	0.269%
87	12.080	1696	1699	1703	rVB	148443	133764	1.99%	0.209%
88	12.463	1760	1764	1766	rVV	6373764	6718569	100.00%	10.485%
89	12.480	1766	1767	1773	rVB2	4784284	3465954	51.59%	5.409%
90	12.563	1778	1781	1784	rVV	809665	677058	10.08%	1.057%
91	12.598	1784	1787	1792	rVB	992894	822375	12.24%	1.283%
92	12.827	1819	1826	1832	rBV	879361	943595	14.04%	1.473%
93	12.963	1846	1849	1853	rBV	704708	612010	9.11%	0.955%
94	13.157	1879	1882	1885	rVV	174462	172107	2.56%	0.269%
95	13.868	2000	2003	2008	rVB3	119640	137796	2.05%	0.215%
96	14.027	2025	2030	2032	rBV2	2139175	2245075	33.42%	3.504%
97	14.051	2032	2034	2037	rVB	386317	293177	4.36%	0.458%
98	15.068	2204	2207	2210	rBV	302371	417819	6.22%	0.652%
99	15.433	2267	2269	2275	rVB	228532	268275	3.99%	0.419%
100	15.504	2276	2281	2292	rVB	1182404	1728598	25.73%	2.698%

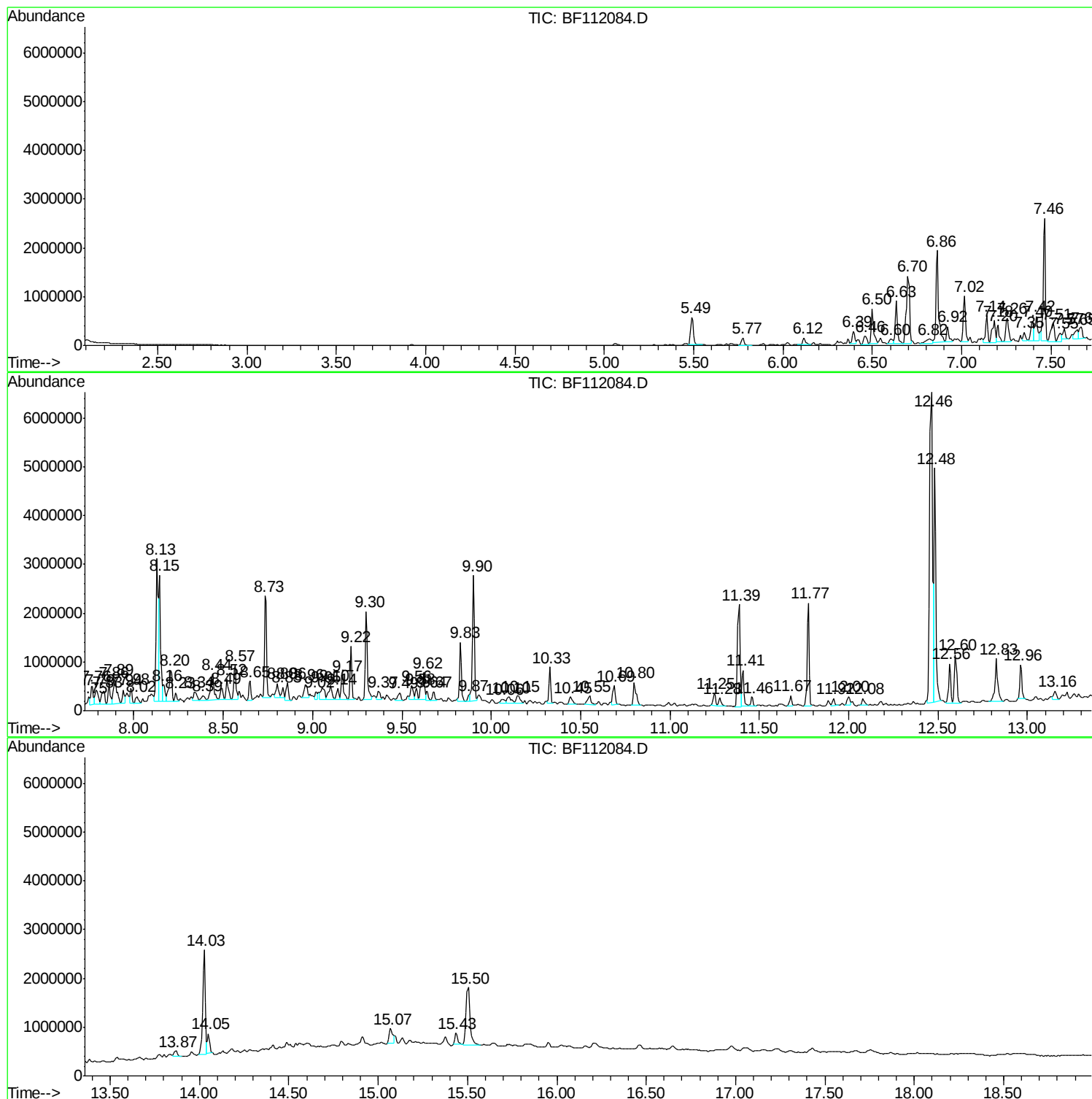
Sum of corrected areas: 64079924

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.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\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

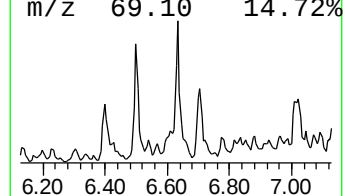
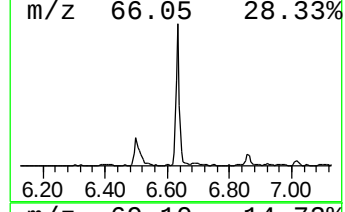
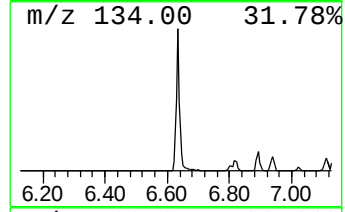
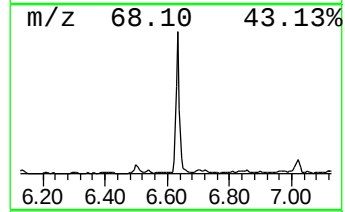
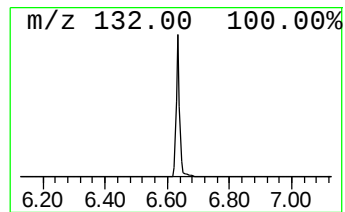
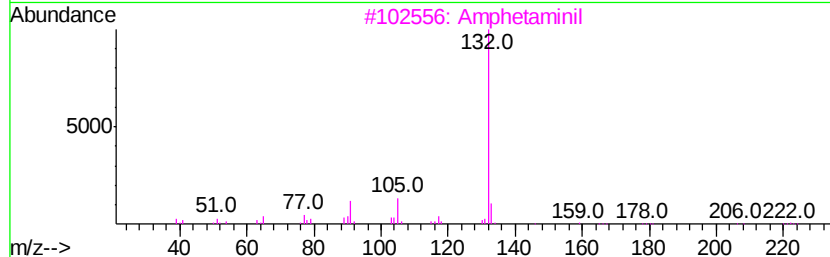
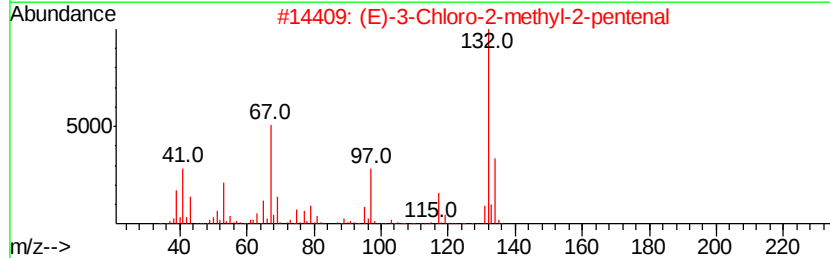
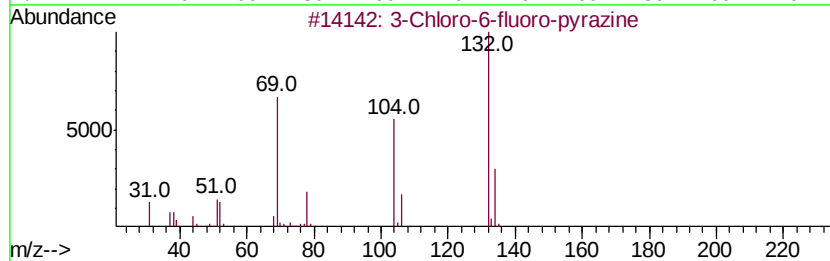
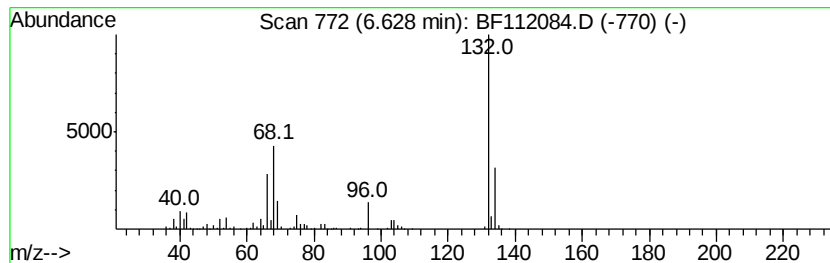
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.63 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	7.65 ng	773997	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

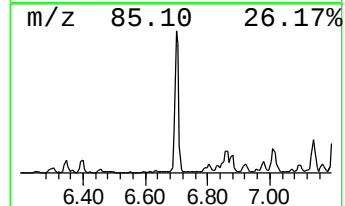
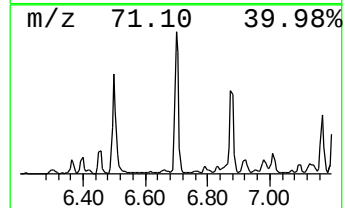
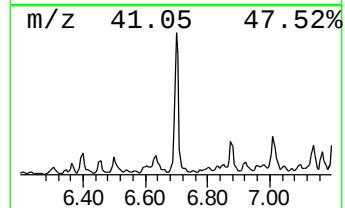
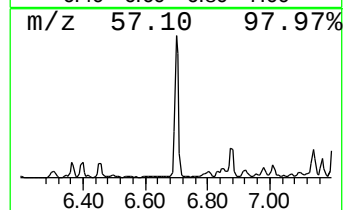
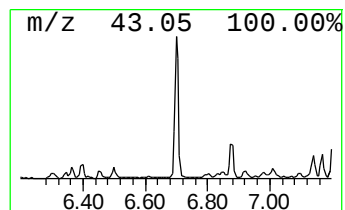
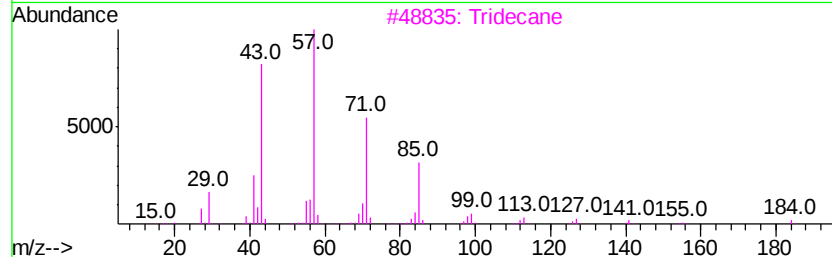
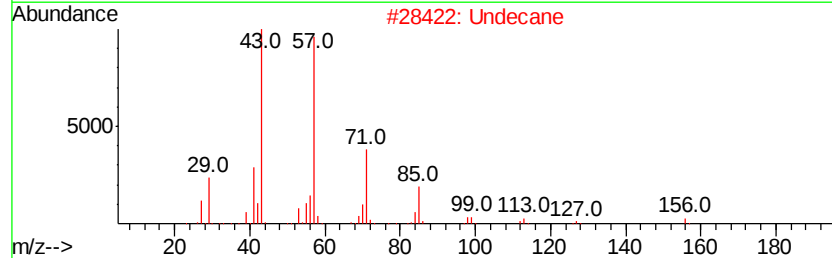
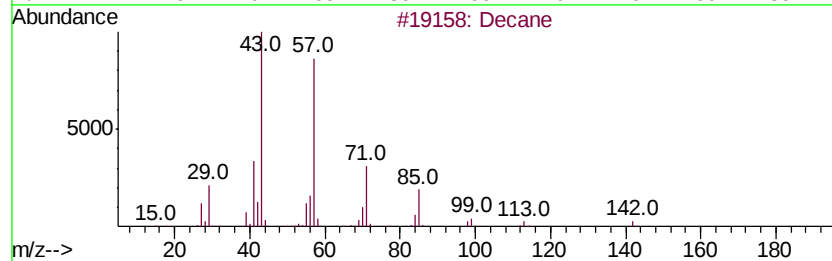
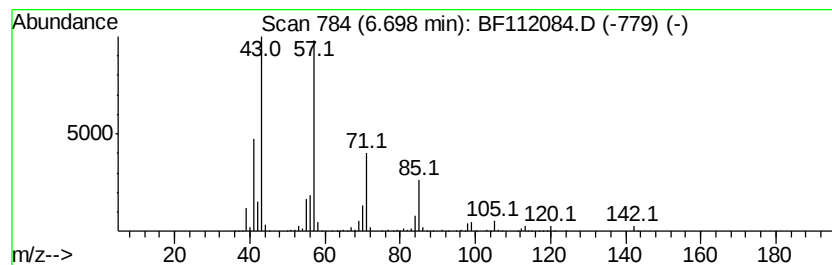
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	15.15 ng	1533220	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	93
2	Undecane		156	C11H24	001120-21-4	83
3	Tridecane		184	C13H28	000629-50-5	78
4	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	78
5	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EO-01-011518-C

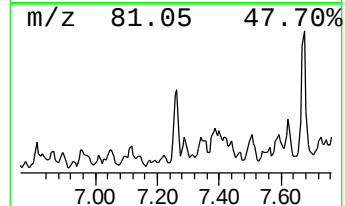
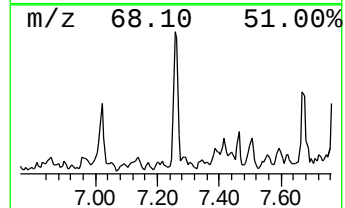
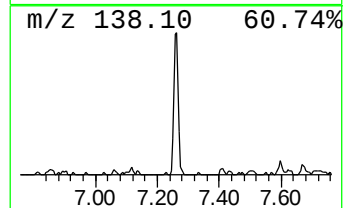
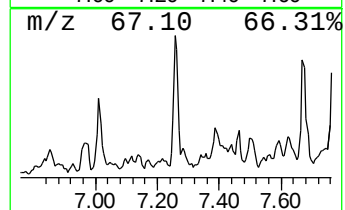
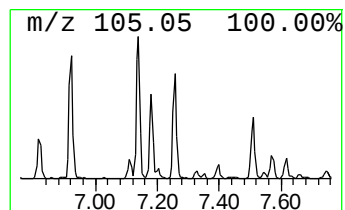
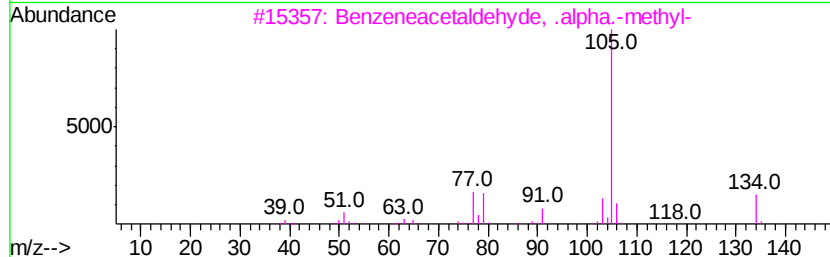
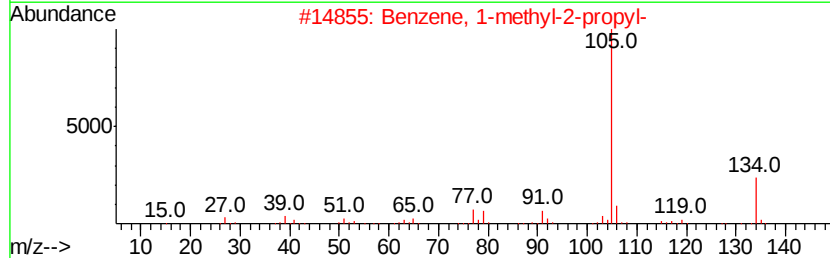
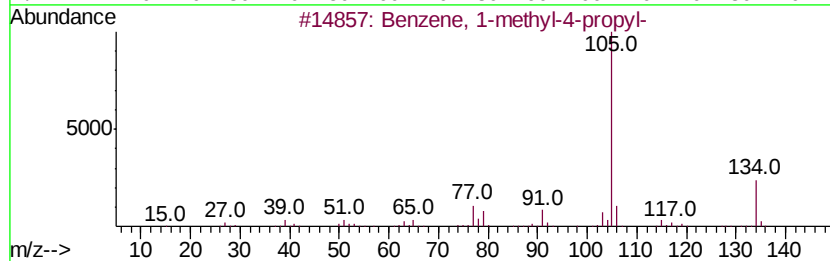
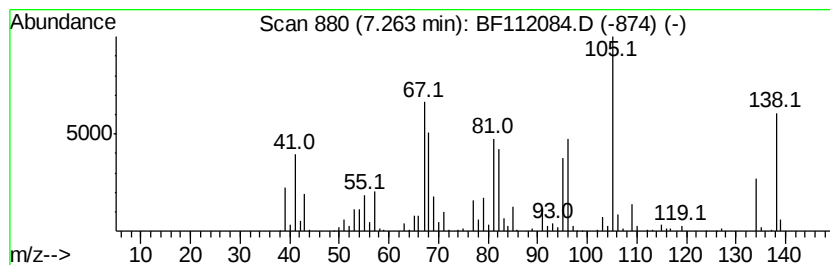
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	5.65 ng	571933	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
5		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

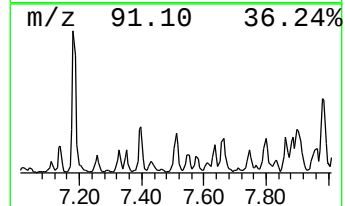
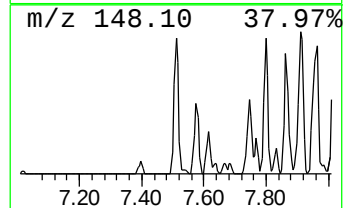
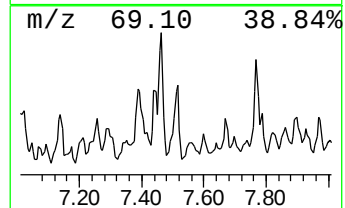
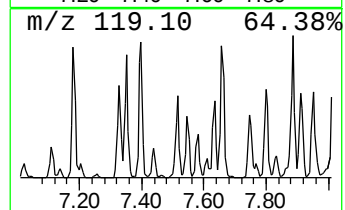
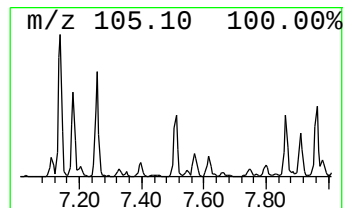
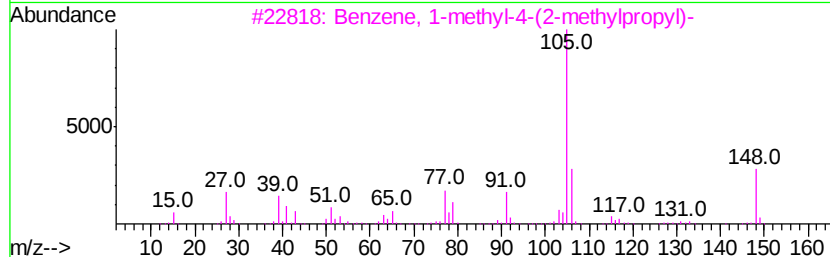
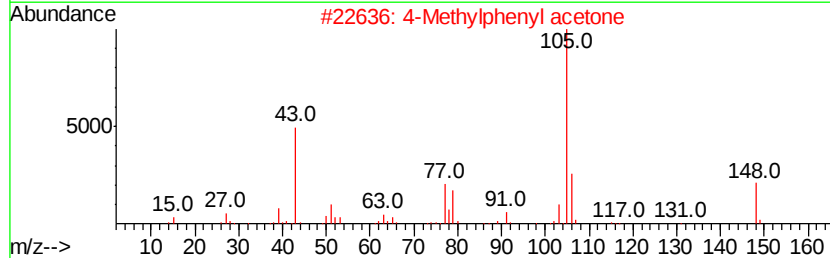
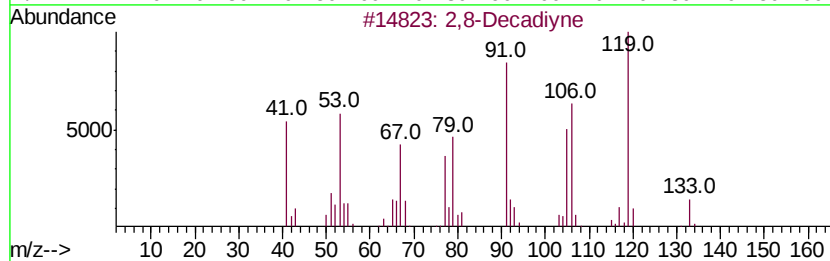
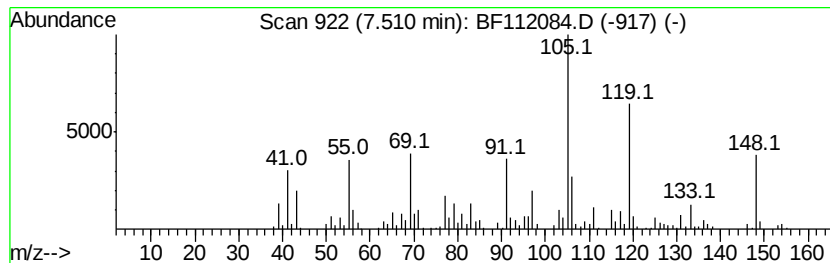
Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2,8-Decadiyne Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	7.55 ng	524212	Naphthalene-d8	8.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,8-Decadiyne		134 C10H14	004116-93-2 55
2	4-Methylphenyl acetone		148 C10H12O	002096-86-8 46
3	Benzene, 1-methyl-4-(2-methylpro...		148 C11H16	005161-04-6 41
4	Benzene, 1-methyl-4-butyl		148 C11H16	001595-05-7 30
5	3-Buten-2-ol, 4-phenyl-, (E)-		148 C10H12O	1000163-70-9 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

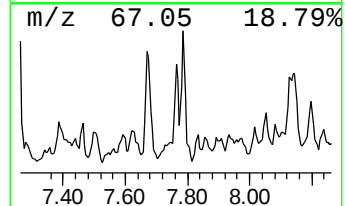
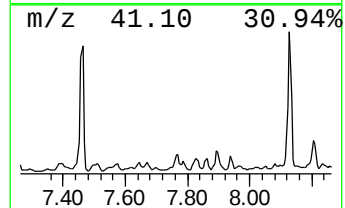
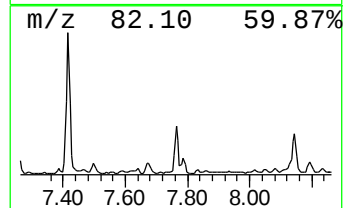
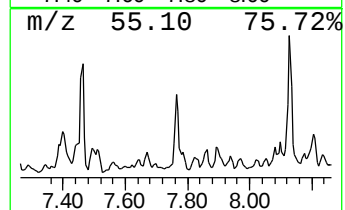
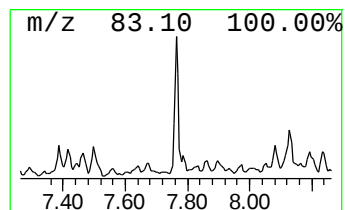
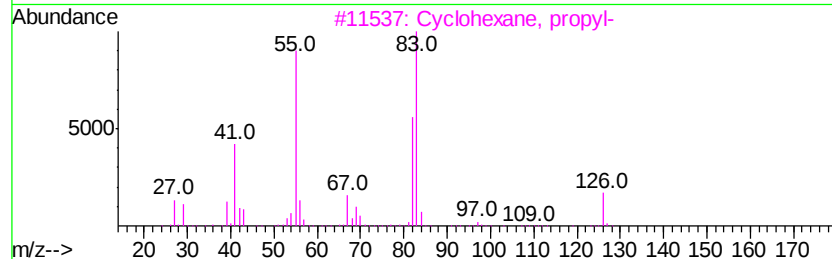
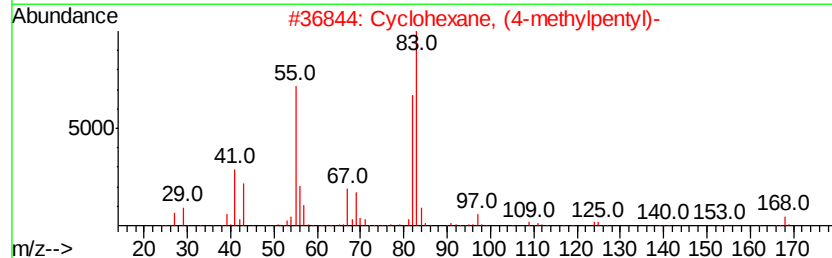
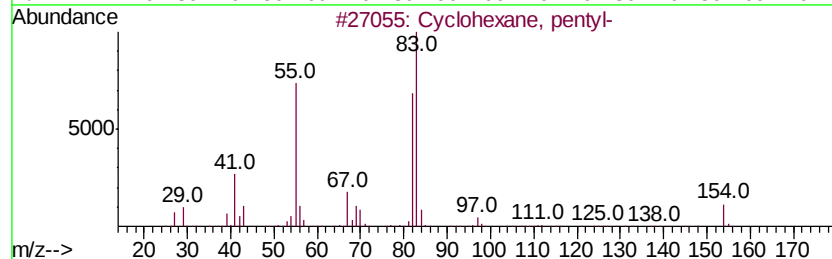
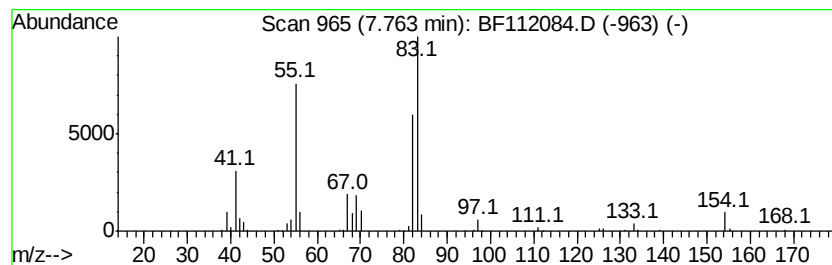
Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	5.97 ng	414179	Napthalene-d8	8.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, pentyl-	154 C11H22	004292-92-6 91
2		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 80
3		Cyclohexane, propyl-	126 C9H18	001678-92-8 72
4		Cyclohexane, hexyl-	168 C12H24	004292-75-5 72
5		Cyclohexane, butyl-	140 C10H20	001678-93-9 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

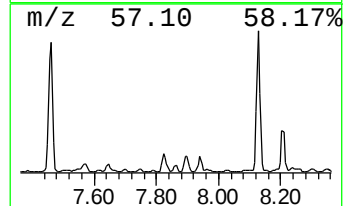
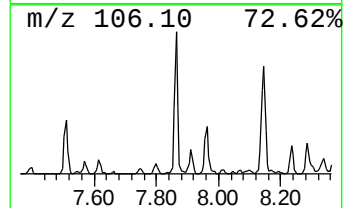
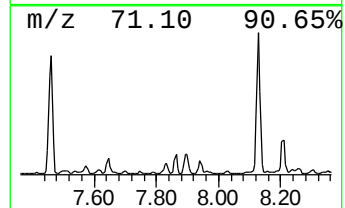
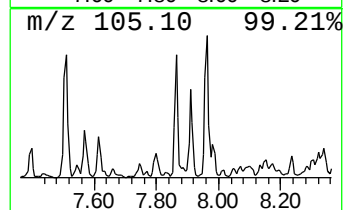
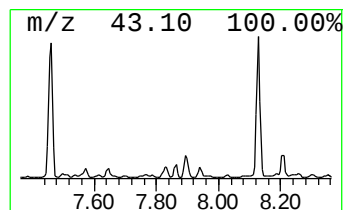
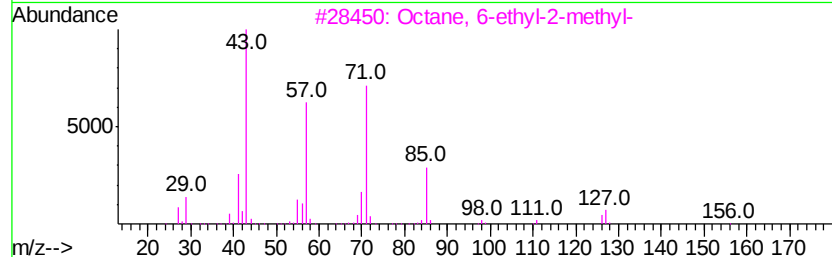
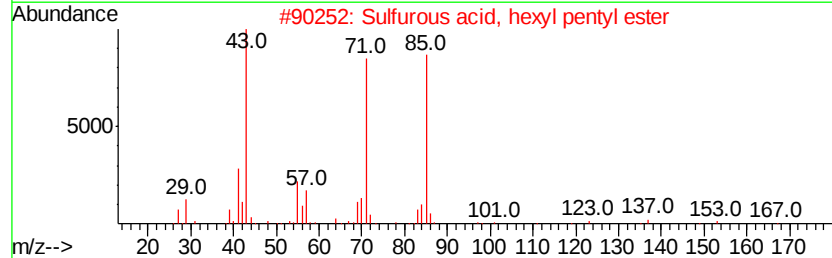
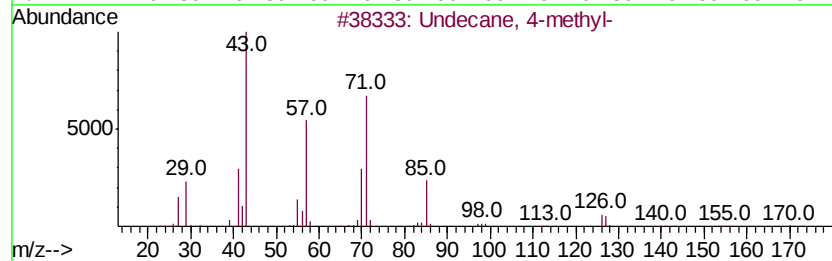
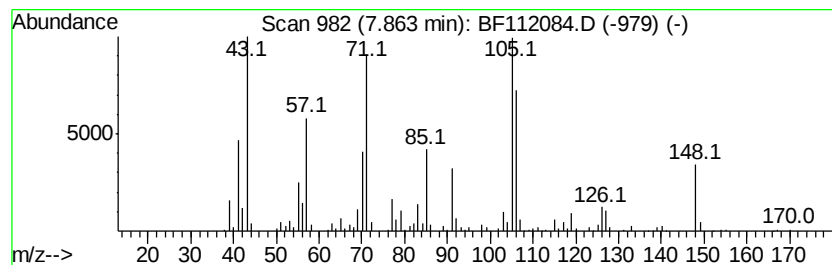
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	5.22 ng	362428	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	55
2		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	38
3		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	35
4		Nonane, 1-iodo-	254	C9H19I	004282-42-2	35
5		Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

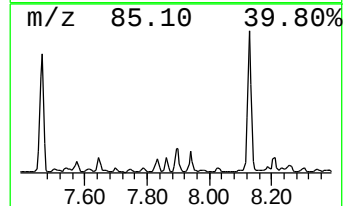
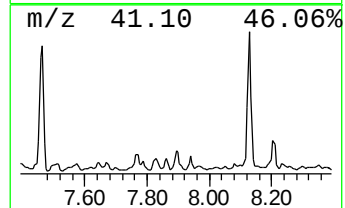
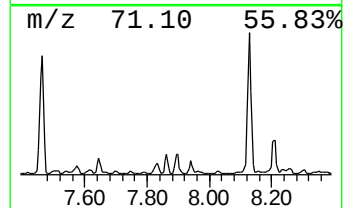
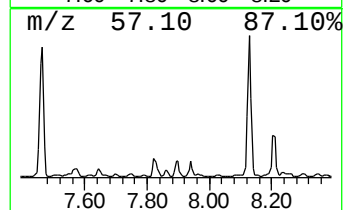
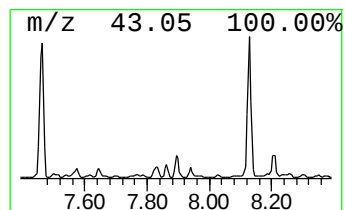
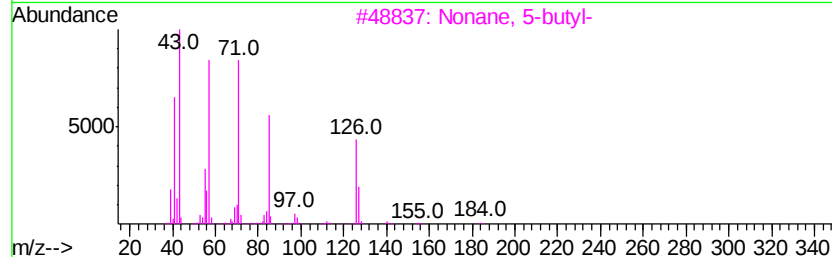
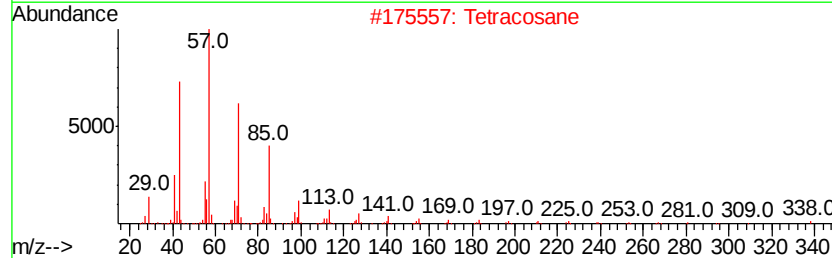
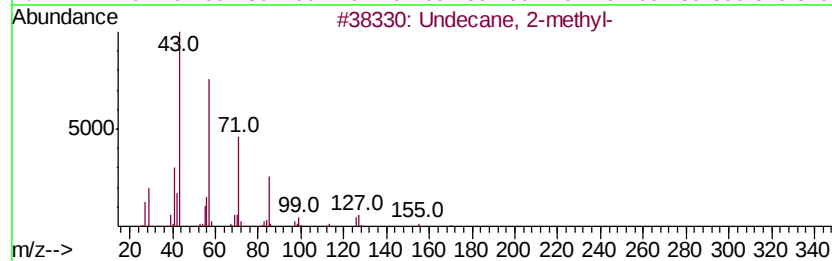
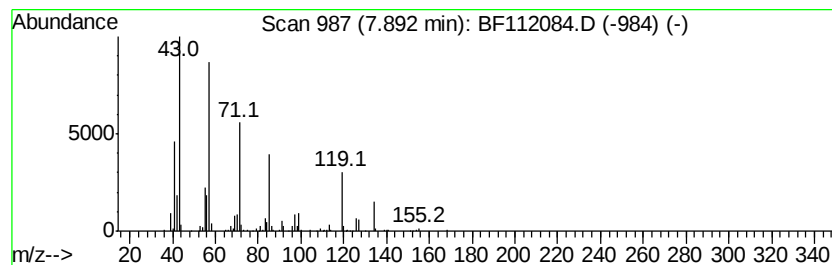
Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	10.76 ng	746762	Naphthalene-d8	8.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2-methyl-	170 C12H26	007045-71-8	59
2	Tetracosane	338 C24H50	000646-31-1	59
3	Nonane, 5-butyl-	184 C13H28	017312-63-9	53
4	4-Octanone	128 C8H16O	000589-63-9	50
5	1,3-Dimethylcyclopentanol	114 C7H14O	019550-46-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

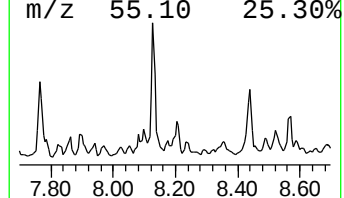
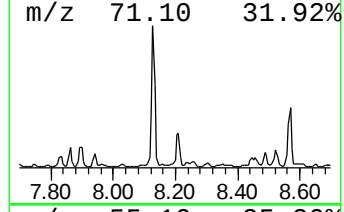
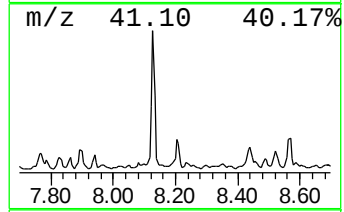
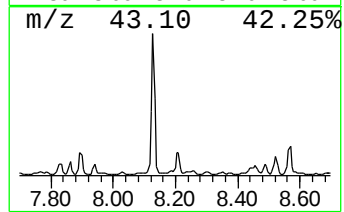
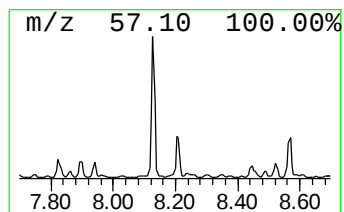
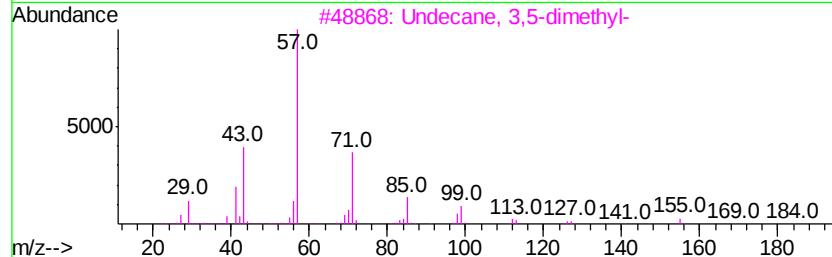
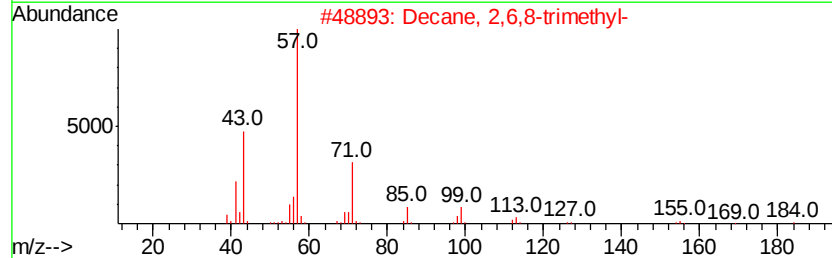
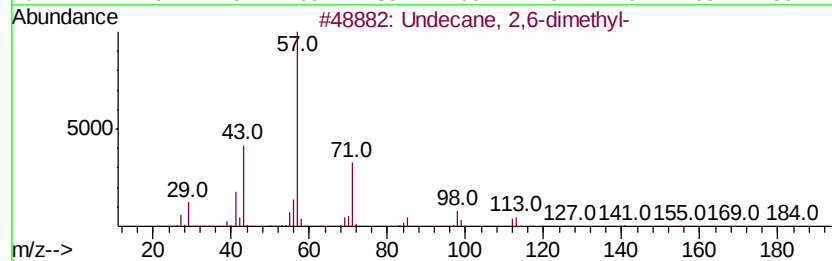
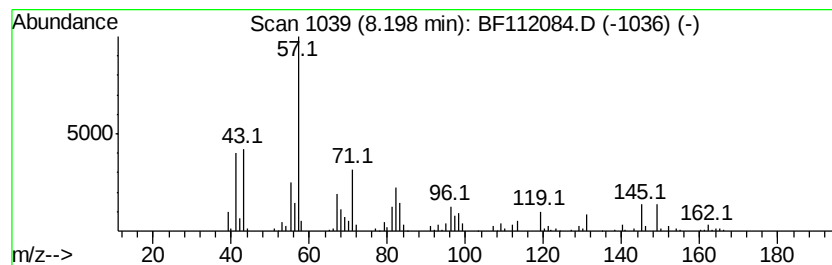
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	10.17 ng	706226	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

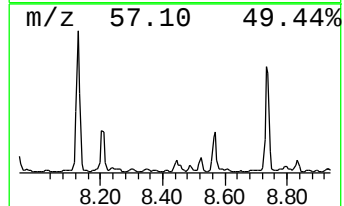
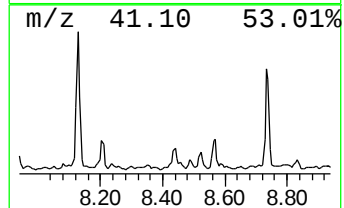
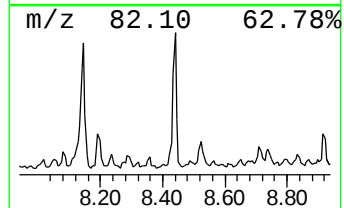
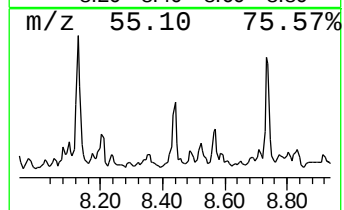
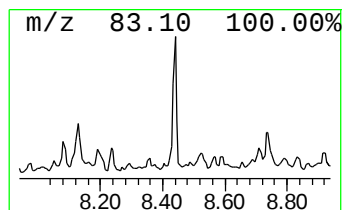
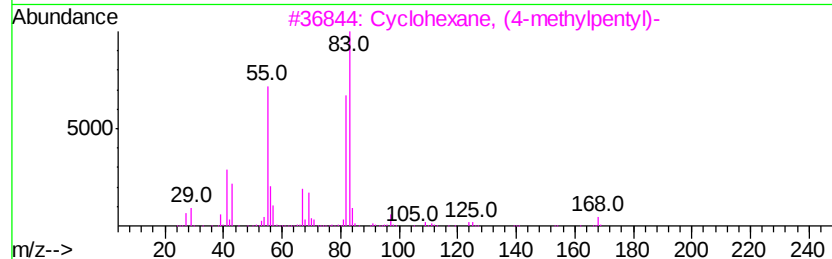
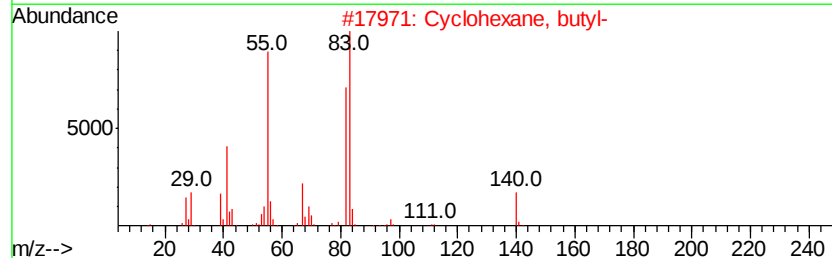
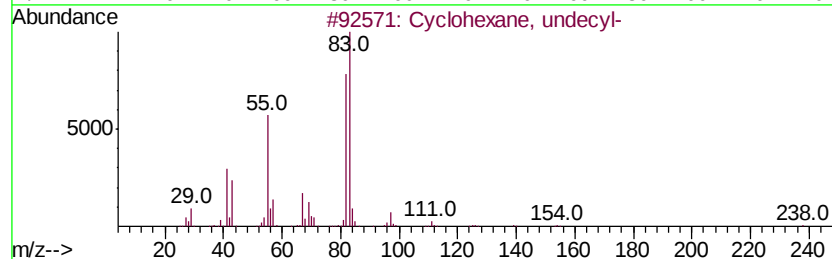
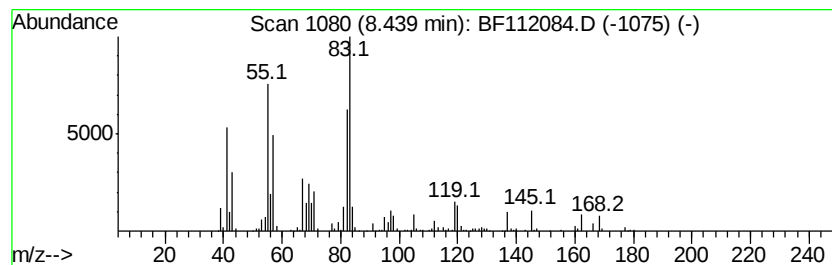
Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, undecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	9.37 ng	650263	Napthalene-d8	8.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, undecyl-	238 C17H34	054105-66-7 53
2		Cyclohexane, butyl-	140 C10H20	001678-93-9 53
3		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 52
4		Cyclohexane, hexyl-	168 C12H24	004292-75-5 52
5		Cyclohexane, decyl-	224 C16H32	001795-16-0 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

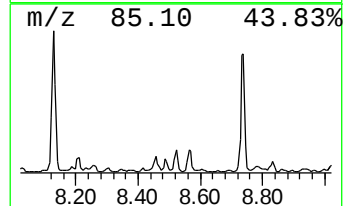
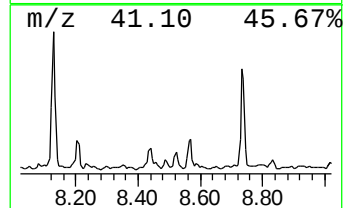
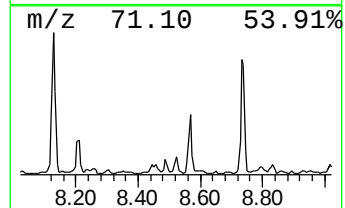
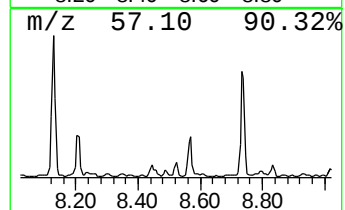
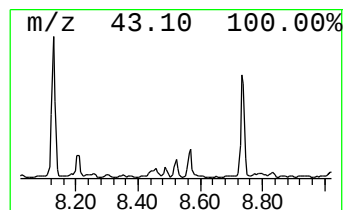
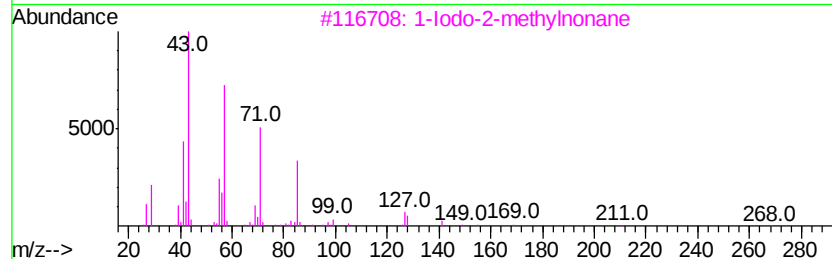
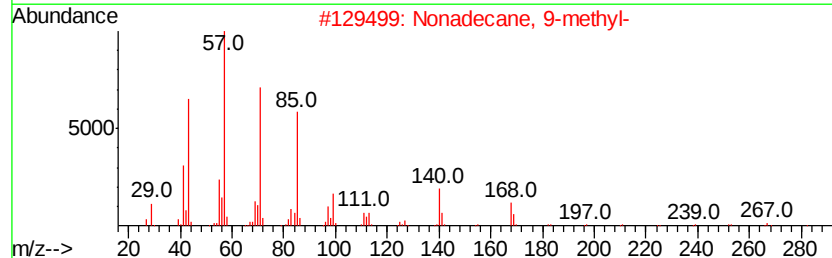
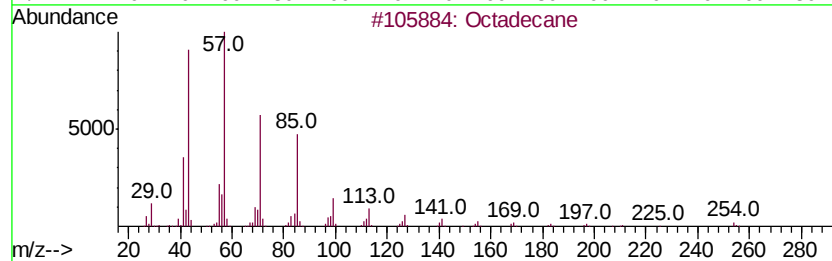
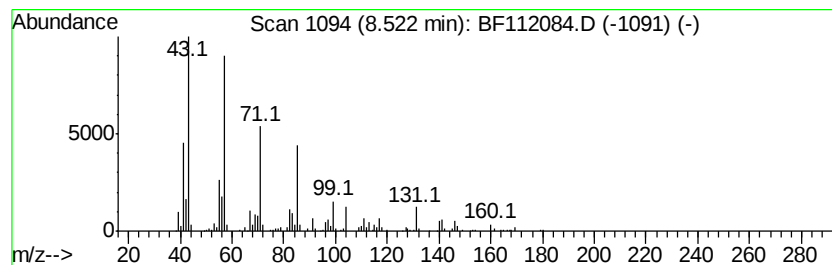
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	5.41 ng	375452	Naphthalene-d8	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	59
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58
3			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	58
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	58
5			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

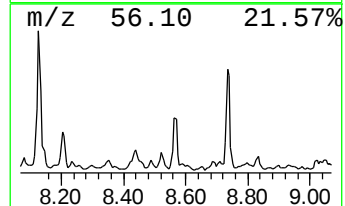
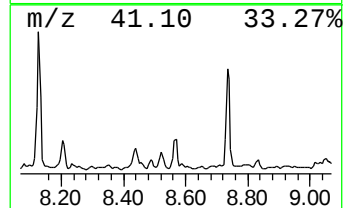
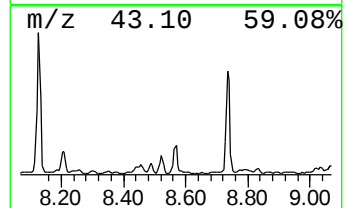
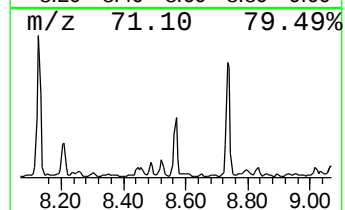
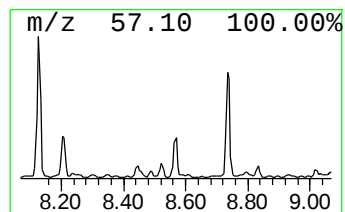
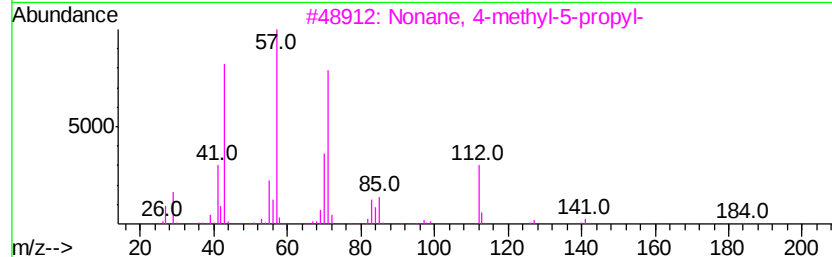
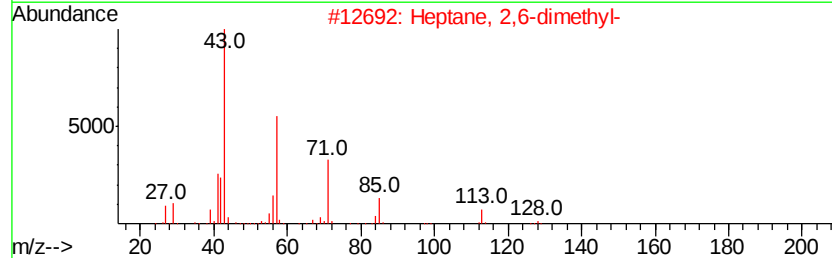
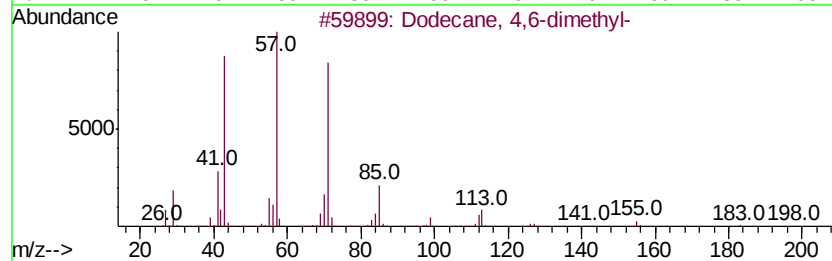
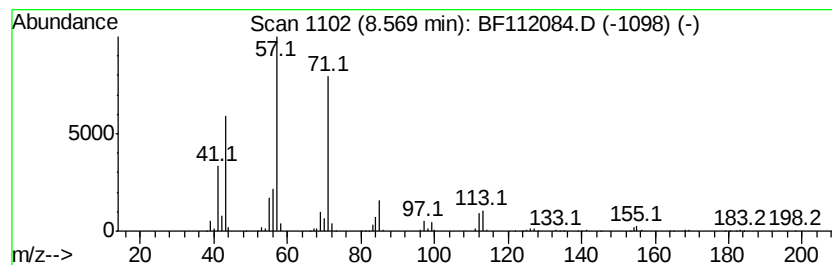
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	9.53 ng	661232	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	72
3		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52
5		Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

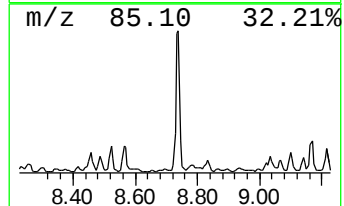
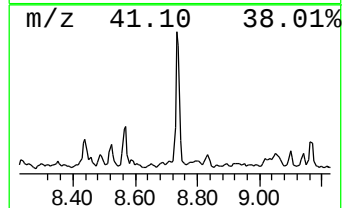
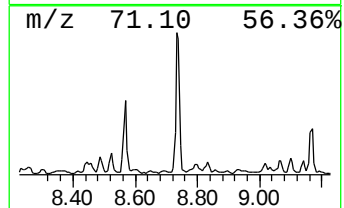
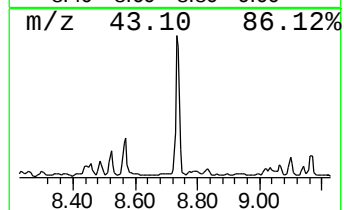
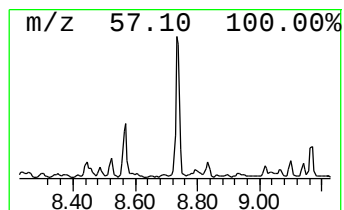
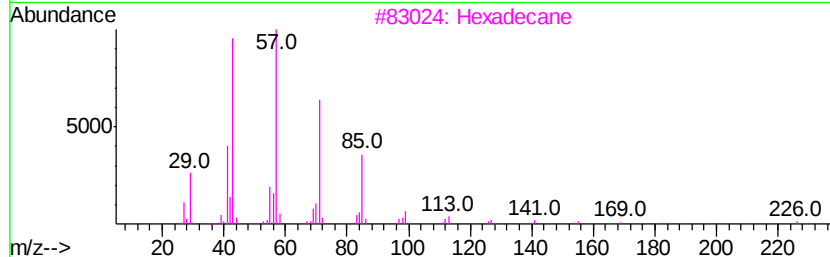
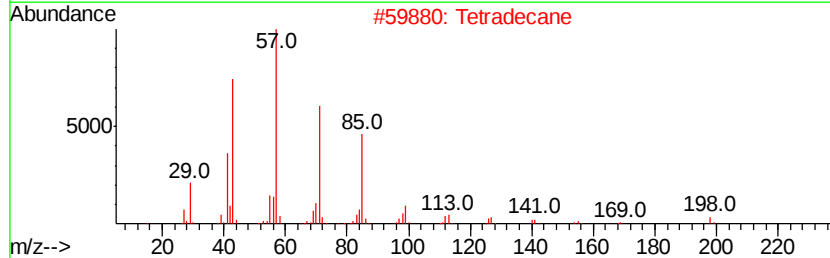
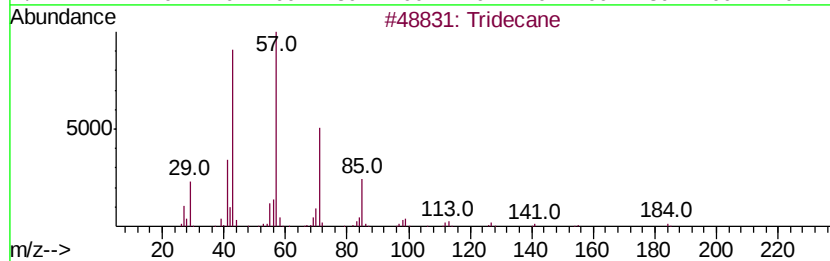
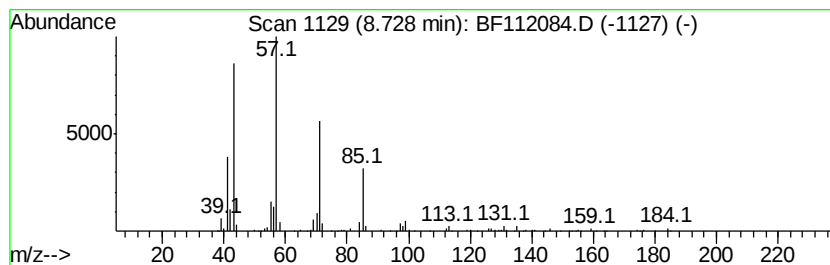
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	26.80 ng	1860730	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

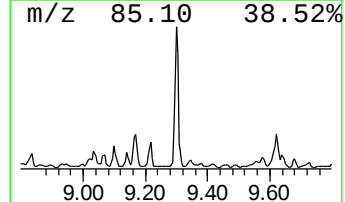
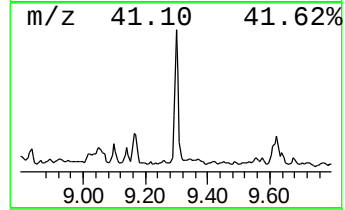
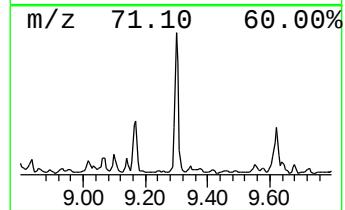
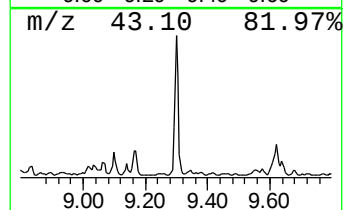
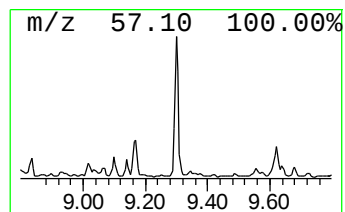
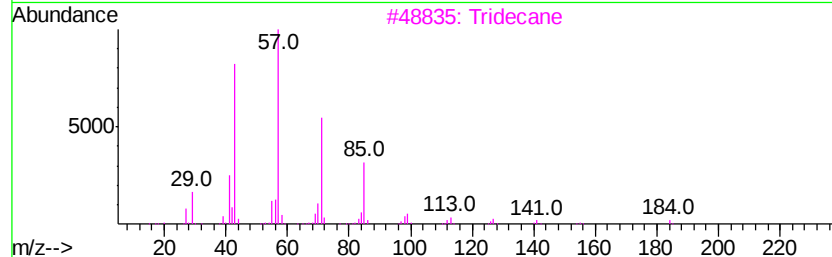
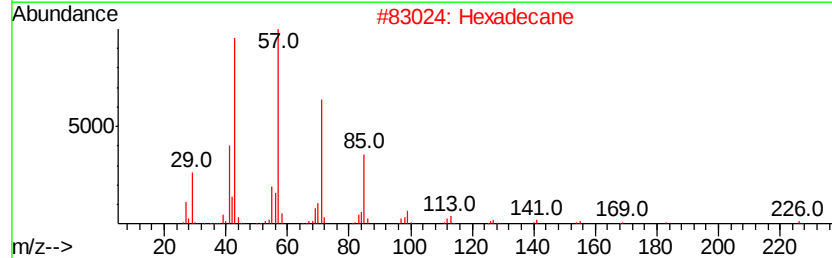
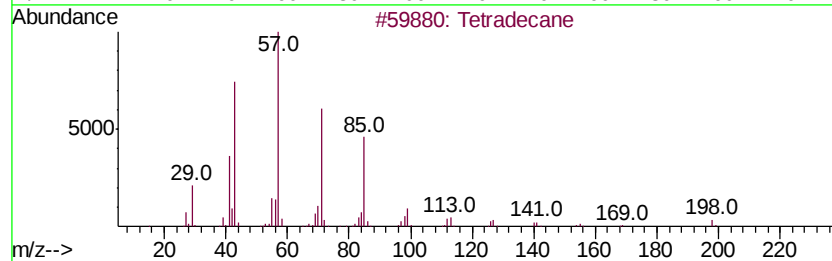
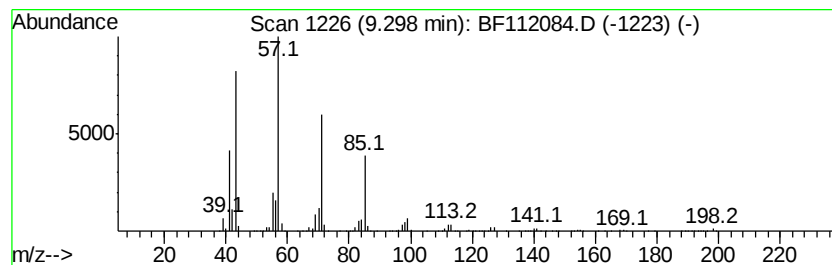
Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	14.73 ng	1599080	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 97
2		Hexadecane	226 C16H34	000544-76-3 91
3		Tridecane	184 C13H28	000629-50-5 90
4		Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9 80
5		Decane, 3-bromo-	220 C10H21Br	030571-71-2 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

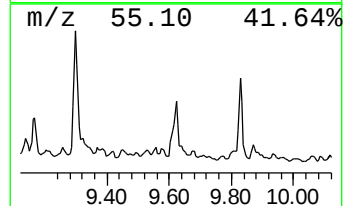
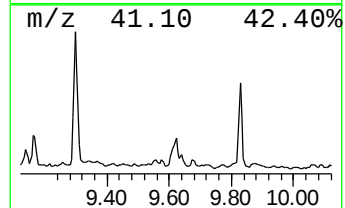
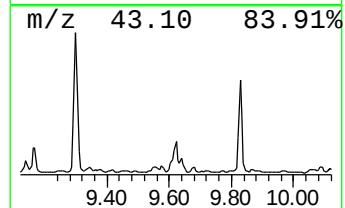
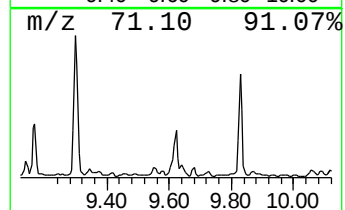
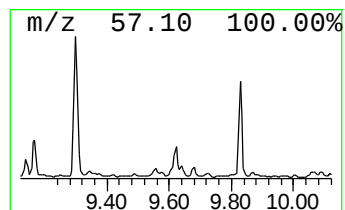
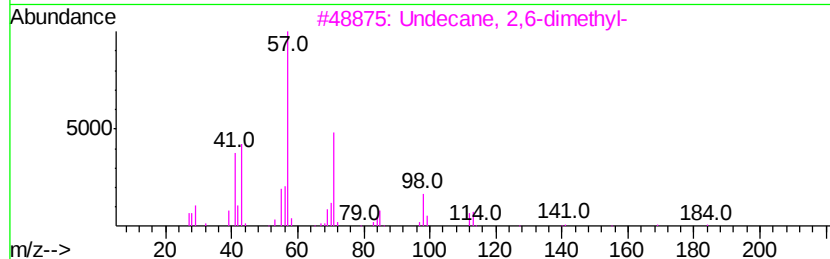
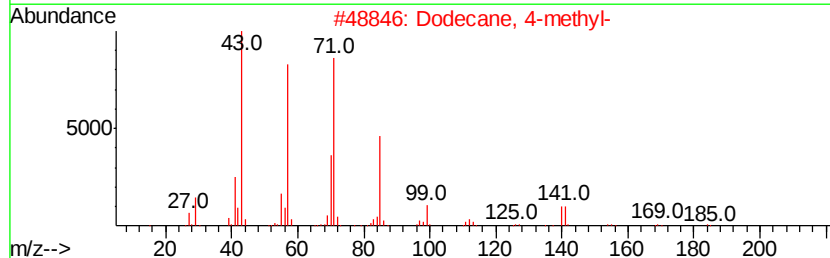
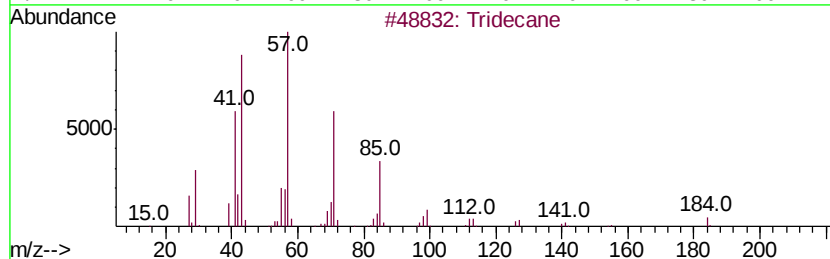
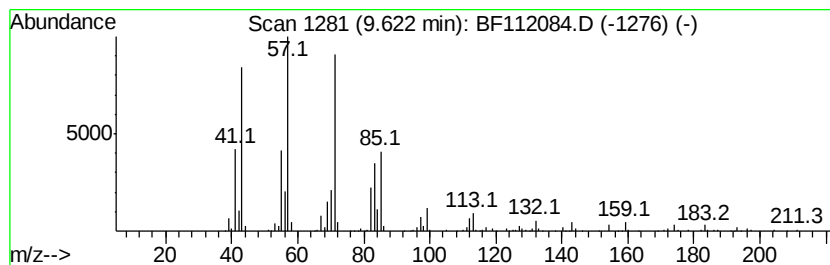
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	6.16 ng	669365	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	74
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
5			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

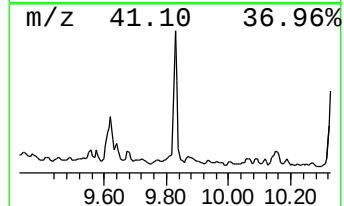
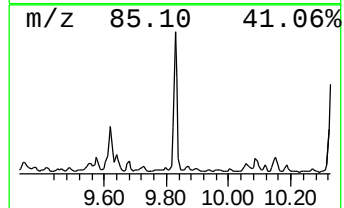
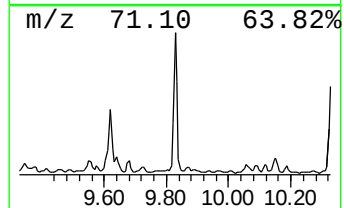
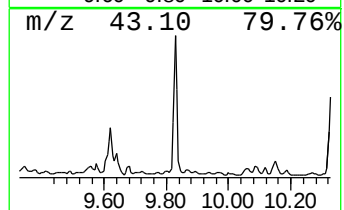
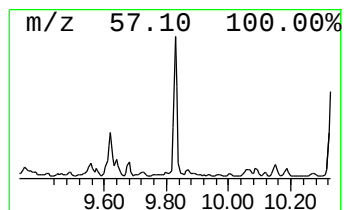
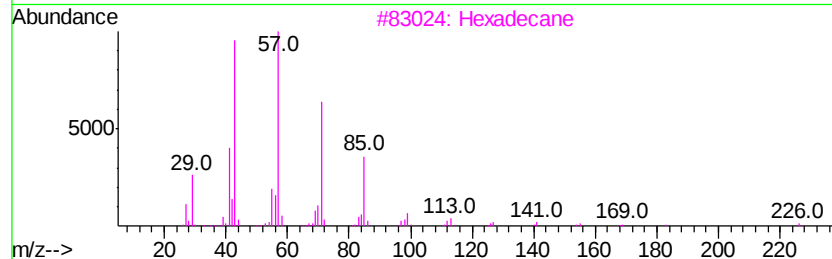
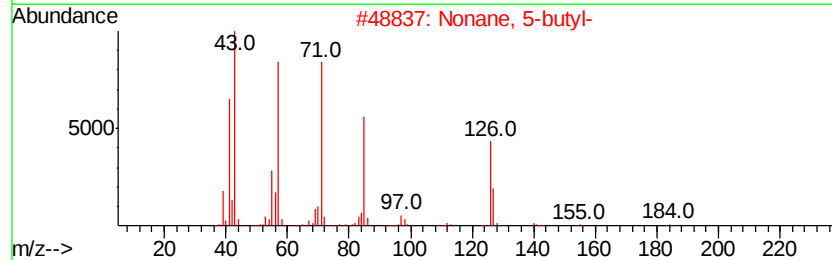
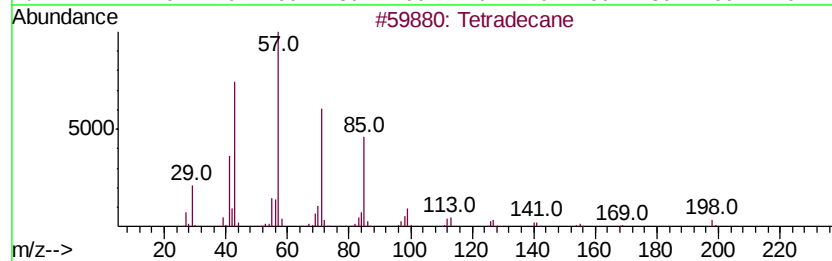
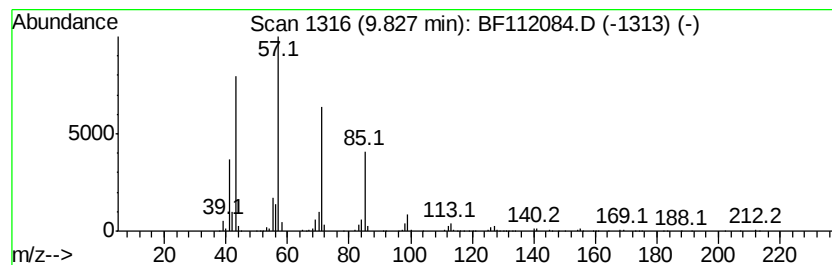
Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 6-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.83	8.77 ng	952084	Acenaphthene-d10		9.90	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

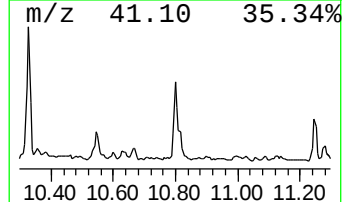
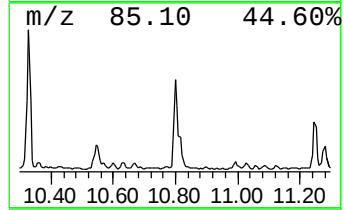
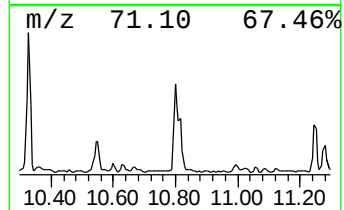
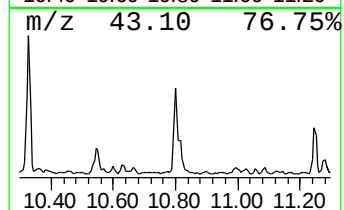
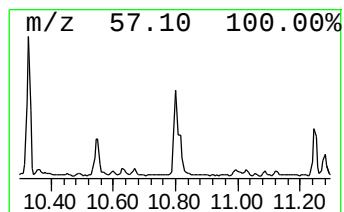
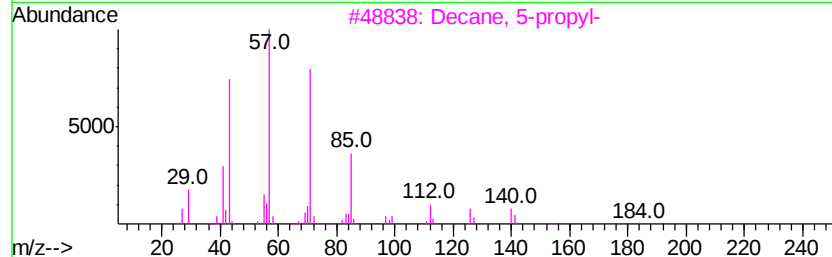
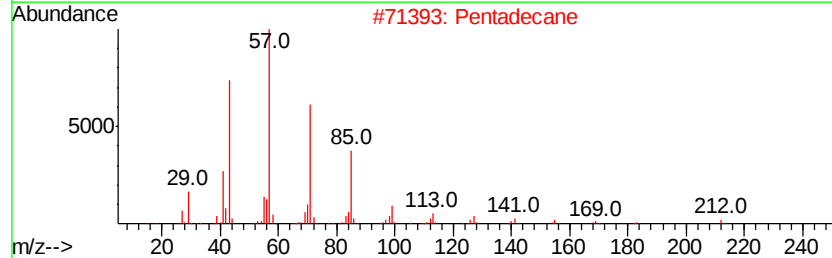
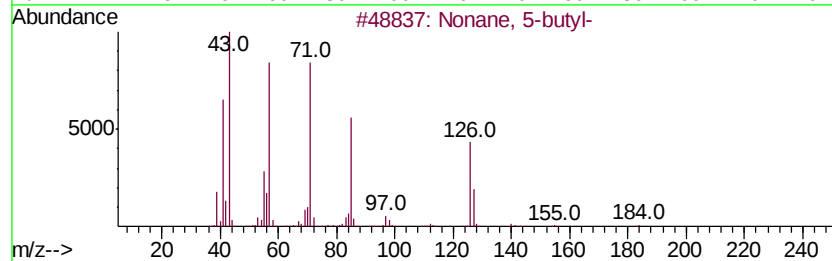
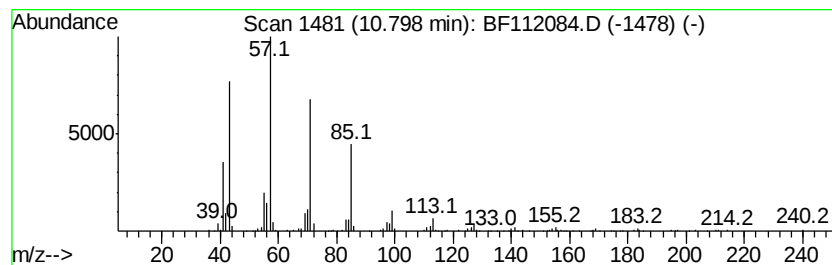
Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonane, 5-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.80	5.99 ng	559298	Phenanthrene-d10		11.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2	Pentadecane	212	C15H32	000629-62-9	90
3	Decane, 5-propyl-	184	C13H28	017312-62-8	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

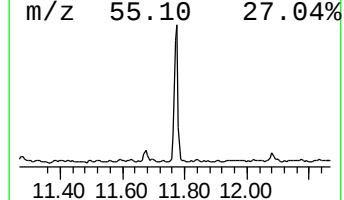
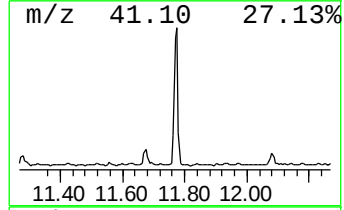
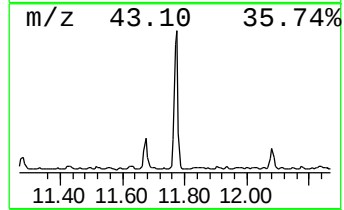
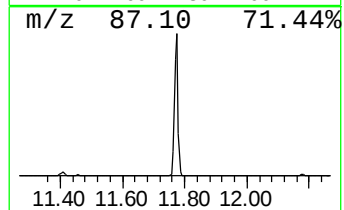
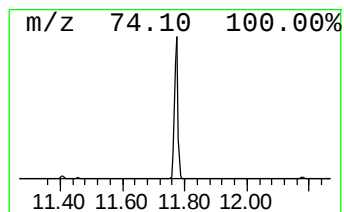
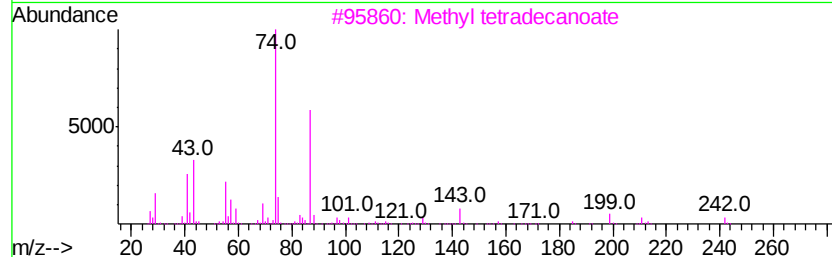
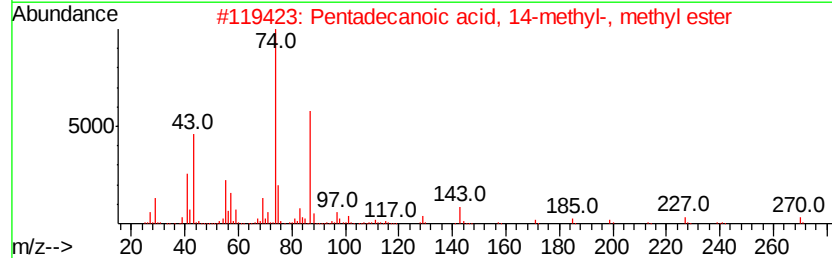
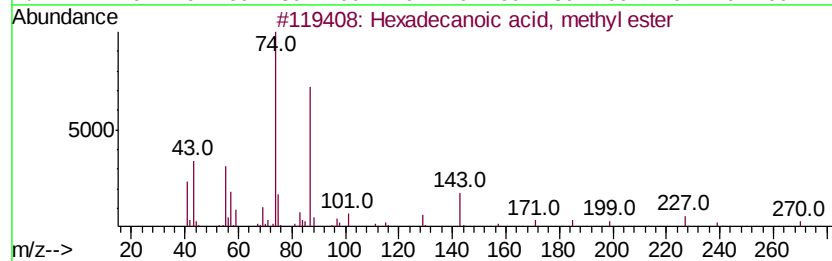
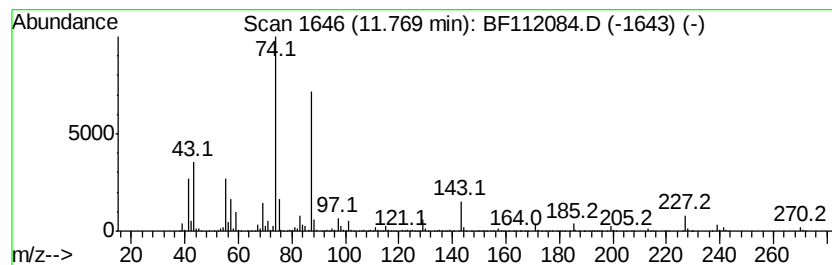
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	18.62 ng	1739390	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112084.D
 Acq On : 17 Jan 2019 12:56
 Operator : JU/SJ
 Sample : K1012-11 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-011518-C

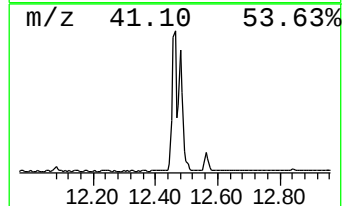
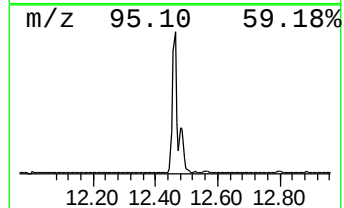
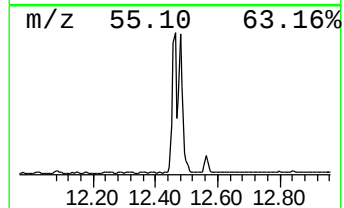
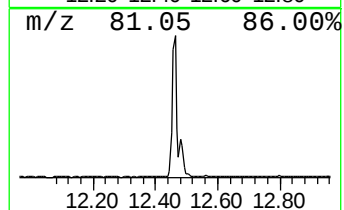
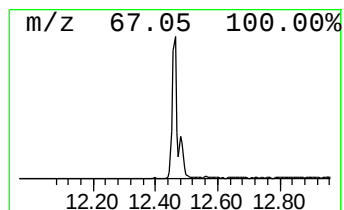
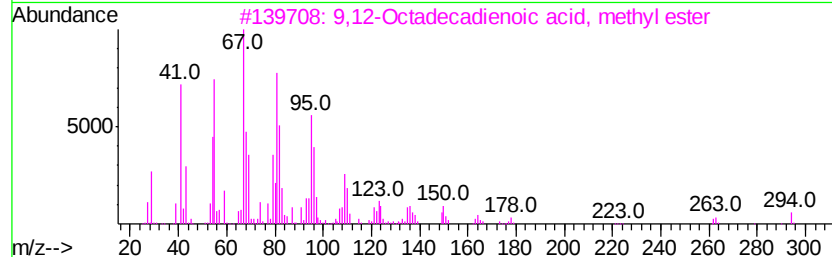
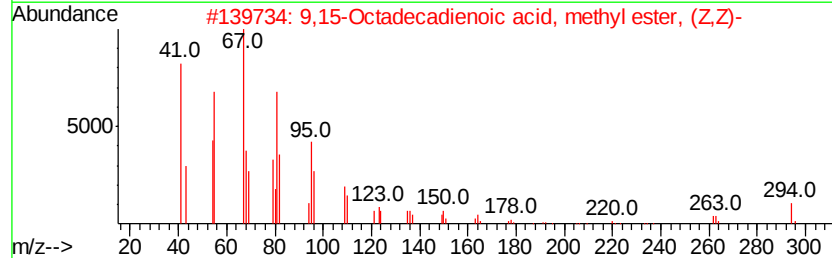
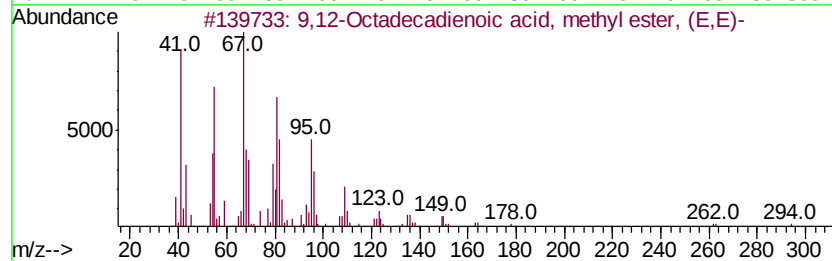
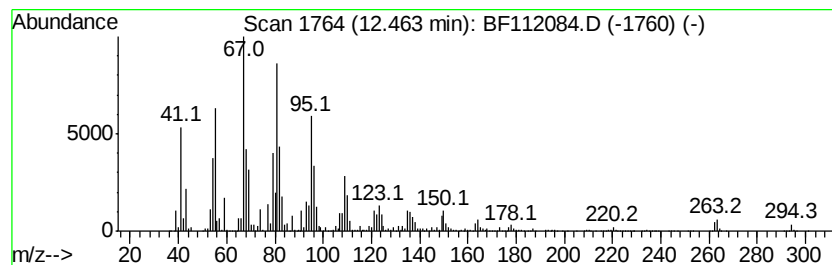
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	71.93 ng	6718570	Phenanthrene-d10	11.39

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		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112084.D
Acq On : 17 Jan 2019 12:56
Operator : JU/SJ
Sample : K1012-11 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

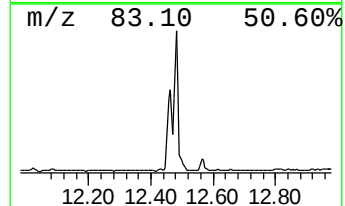
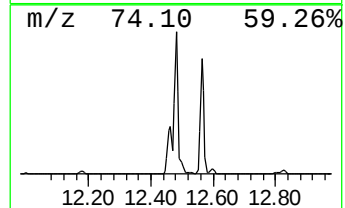
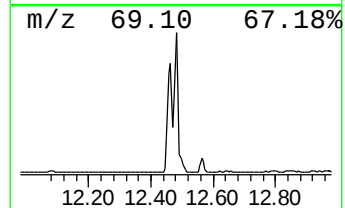
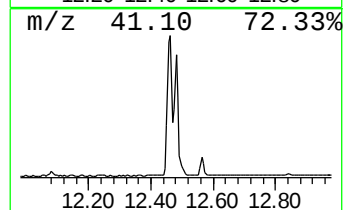
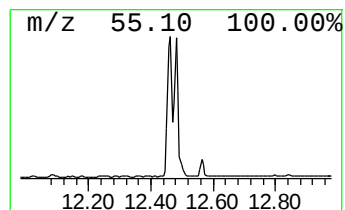
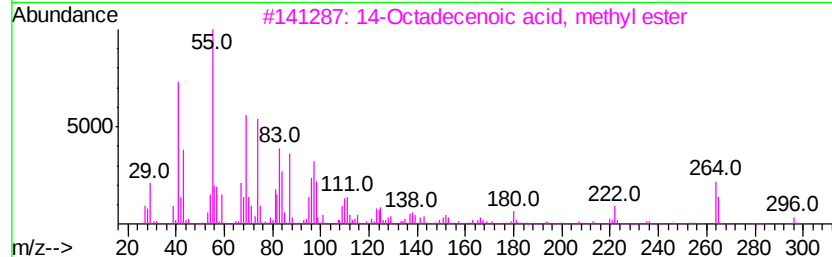
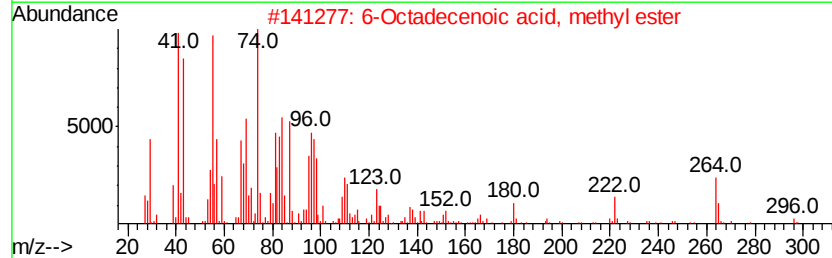
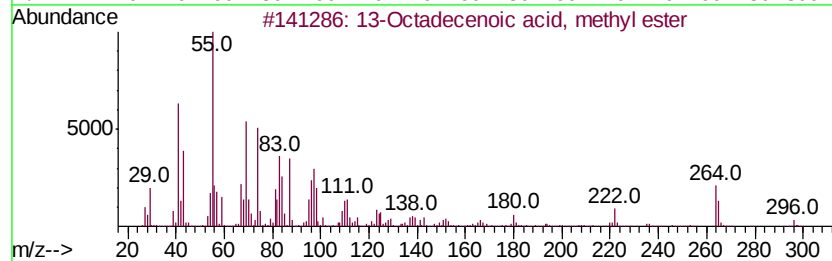
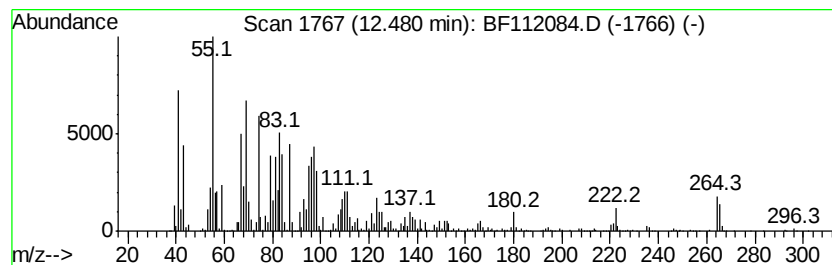
Instrument :
BNA_F
ClientSampleId :
EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 13-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	37.11 ng	3465950	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
 Data File : BF112084.D
 Acq On : 17 Jan 2019 12:56
 Operator : JU/SJ
 Sample : K1012-11 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-011518-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.63	6.63	7.7	ng	773997	1	6.86	2023910	20.0
Decane	6.70	15.2	ng	1533220	1	6.86	2023910	20.0
Benzene, 1-methyl...	7.26	5.7	ng	571933	1	6.86	2023910	20.0
2,8-Decadiyne	7.51	7.5	ng	524212	2	8.15	1388370	20.0
Cyclohexane, pentyl-	7.76	6.0	ng	414179	2	8.15	1388370	20.0
Undecane, 4-methyl-	7.86	5.2	ng	362428	2	8.15	1388370	20.0
Undecane, 2-methyl-	7.89	10.8	ng	746762	2	8.15	1388370	20.0
Undecane, 2,6-dim...	8.20	10.2	ng	706226	2	8.15	1388370	20.0
Cyclohexane, unde...	8.44	9.4	ng	650263	2	8.15	1388370	20.0
Octadecane	8.52	5.4	ng	375452	2	8.15	1388370	20.0
Dodecane, 4,6-dim...	8.57	9.5	ng	661232	2	8.15	1388370	20.0
Tridecane	8.73	26.8	ng	1860730	2	8.15	1388370	20.0
Tetradecane	9.30	14.7	ng	1599080	3	9.90	2171880	20.0
Dodecane, 4-methyl-	9.62	6.2	ng	669365	3	9.90	2171880	20.0
Decane, 6-ethyl-2...	9.83	8.8	ng	952084	3	9.90	2171880	20.0
Nonane, 5-butyl-	10.80	6.0	ng	559298	4	11.39	1868130	20.0
Hexadecanoic acid...	11.77	18.6	ng	1739390	4	11.39	1868130	20.0
9,12-Octadecadien...	12.46	71.9	ng	6718570	4	11.39	1868130	20.0
13-Octadecenoic a...	12.48	37.1	ng	3465950	4	11.39	1868130	20.0