

Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
 Data File : BM012457.D
 Acq On : 25 Oct 2017 23:00
 Operator : SJ/JU
 Sample : I5719-15 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26(5-5.8)-100517

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	337	343	348	rBV2	1210742	1934903	7.86%	0.380%
2	5.334	379	382	390	rVB2	1061085	1681837	6.83%	0.330%
3	5.534	412	416	423	rBV	637864	1382192	5.61%	0.271%
4	5.704	435	445	450	rBV2	757815	1476488	6.00%	0.290%
5	5.775	450	457	461	rBV3	955008	1800470	7.31%	0.354%
6	5.851	465	470	474	rVV	2004984	3054288	12.40%	0.600%
7	5.916	474	481	489	rVB4	696769	1813278	7.36%	0.356%
8	5.993	489	494	503	rBV2	1161670	1906517	7.74%	0.374%
9	6.075	503	508	516	rVB2	690206	1221106	4.96%	0.240%
10	6.169	516	524	531	rBV3	3862449	9669575	39.27%	1.899%
11	6.287	537	544	551	rVB3	1884335	4149737	16.85%	0.815%
12	6.381	554	560	568	rBV4	2932379	7857006	31.91%	1.543%
13	6.451	568	572	576	rBV	3323453	4623159	18.78%	0.908%
14	6.498	576	580	583	rVV3	2334005	4207310	17.09%	0.826%
15	6.534	583	586	587	rVV2	2852564	3670393	14.91%	0.721%
16	6.563	587	591	600	rVV	6427411	11040305	44.84%	2.168%
17	6.646	600	605	610	rVB2	2197246	3669585	14.90%	0.721%
18	6.710	610	616	621	rVB2	2940801	4681017	19.01%	0.919%
19	6.769	621	626	635	rBV2	2937727	6411532	26.04%	1.259%
20	6.881	635	645	651	rBV5	2134231	6665830	27.07%	1.309%
21	6.987	658	663	666	rBV2	2450557	3822522	15.52%	0.751%
22	7.034	666	671	678	rVV4	8573243	17781938	72.22%	3.492%
23	7.175	690	695	697	rBV	1696218	2508867	10.19%	0.493%
24	7.216	697	702	707	rVB4	3639165	7157769	29.07%	1.406%
25	7.275	707	712	716	rBV3	3901807	5808555	23.59%	1.141%
26	7.310	716	718	721	rBV2	1539024	1954317	7.94%	0.384%
27	7.375	726	729	735	rVV3	3549386	7714535	31.33%	1.515%
28	7.451	738	742	753	rVB5	3636703	9840685	39.97%	1.933%
29	7.540	753	757	760	rBV3	2307790	3765354	15.29%	0.739%
30	7.610	764	769	774	rVB3	3847787	6709361	27.25%	1.318%
31	7.657	774	777	780	rBV	1253732	1367771	5.56%	0.269%
32	7.698	780	784	786	rBV2	2432724	3738388	15.18%	0.734%
33	7.816	794	804	807	rBV5	4920601	14140307	57.43%	2.777%
34	7.869	807	813	820	rVV3	12309901	24621736	100.00%	4.835%

Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
 Data File : BM012457.D
 Acq On : 25 Oct 2017 23:00
 Operator : SJ/JU
 Sample : I5719-15 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26(5-5.8)-100517

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Title : SVOA CALIBRATION

35	7.957	822	828	833	rVV3	4474096	8365982	33.98%	1.643%
36	8.022	833	839	843	rVV4	2969100	6757223	27.44%	1.327%
37	8.081	843	849	852	rVV2	7212023	12683125	51.51%	2.491%
38	8.122	852	856	858	rVV3	4809269	7428442	30.17%	1.459%
39	8.151	858	861	869	rVV4	5301392	14316858	58.15%	2.812%
40	8.240	872	876	883	rVV3	2877425	6272963	25.48%	1.232%
41	8.328	883	891	896	rVV5	2533548	5967022	24.23%	1.172%
42	8.392	896	902	904	rVV2	2264007	4647788	18.88%	0.913%
43	8.445	907	911	921	rVB5	4816100	11063211	44.93%	2.173%
44	8.575	927	933	939	rBV5	3443226	7946898	32.28%	1.561%
45	8.722	953	958	962	rBV	6942562	11435932	46.45%	2.246%
46	8.769	964	966	975	rVB4	3990748	7444486	30.24%	1.462%
47	8.875	979	984	989	rBV4	1142168	2703629	10.98%	0.531%
48	8.992	993	1004	1009	rBV3	7392834	17831039	72.42%	3.502%
49	9.087	1014	1020	1028	rVV6	3155286	6072578	24.66%	1.193%
50	9.151	1028	1031	1035	rVB2	2081963	3016498	12.25%	0.592%
51	9.204	1035	1040	1042	rBV2	4149150	6908854	28.06%	1.357%
52	9.239	1043	1046	1052	rVB4	3855741	7454736	30.28%	1.464%
53	9.316	1055	1059	1061	rBV5	711251	1105577	4.49%	0.217%
54	9.363	1061	1067	1072	rVB2	2652311	6450017	26.20%	1.267%
55	9.469	1072	1085	1089	rBV10	1834333	5974733	24.27%	1.173%
56	9.528	1089	1095	1102	rVV4	3252680	8323932	33.81%	1.635%
57	9.604	1103	1108	1113	rVV2	4117745	7276042	29.55%	1.429%
58	9.651	1113	1116	1120	rVB2	882187	1175345	4.77%	0.231%
59	9.763	1130	1135	1139	rBV4	2134450	3557853	14.45%	0.699%
60	9.804	1139	1142	1147	rVB2	1684978	2496586	10.14%	0.490%
61	9.863	1147	1152	1161	rBV6	5288008	10100478	41.02%	1.984%
62	10.086	1184	1190	1194	rBV3	1245310	2391110	9.71%	0.470%
63	10.134	1195	1198	1204	rVB5	444364	957133	3.89%	0.188%
64	10.269	1215	1221	1222	rBV4	967694	1447585	5.88%	0.284%
65	10.298	1223	1226	1231	rVB2	1421004	2213933	8.99%	0.435%
66	10.381	1236	1240	1243	rBV3	765083	1159666	4.71%	0.228%
67	10.545	1264	1268	1271	rBV4	611139	1164580	4.73%	0.229%
68	10.675	1281	1290	1295	rBV	3951279	7967347	32.36%	1.565%
69	10.804	1307	1312	1315	rBV4	1043136	1934222	7.86%	0.380%
70	10.845	1315	1319	1324	rVV	2358453	3457888	14.04%	0.679%
71	10.898	1324	1328	1336	rVV3	712456	1479881	6.01%	0.291%

Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
 Data File : BM012457.D
 Acq On : 25 Oct 2017 23:00
 Operator : SJ/JU
 Sample : I5719-15 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26(5-5.8)-100517

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Title : SVOA CALIBRATION

72	10.975	1337	1341	1346	rVB4	563428	980674	3.98%	0.193%
73	11.175	1370	1375	1381	rBV4	500484	890665	3.62%	0.175%
74	11.380	1406	1410	1417	rVB4	709091	1342976	5.45%	0.264%
75	11.704	1460	1465	1470	rBV	2113969	3316762	13.47%	0.651%
76	12.322	1568	1570	1577	rVB3	665541	1023911	4.16%	0.201%
77	12.798	1647	1651	1658	rVB2	614438	1114094	4.52%	0.219%
78	13.057	1690	1695	1700	rVB	1981097	2768485	11.24%	0.544%
79	13.922	1837	1842	1846	rBV	2092018	3606655	14.65%	0.708%
80	13.963	1846	1849	1852	rVV	1405216	2019753	8.20%	0.397%
81	14.004	1852	1856	1860	rVB	2340622	3248842	13.20%	0.638%
82	14.204	1885	1890	1896	rVB	2499517	3468508	14.09%	0.681%
83	14.351	1911	1915	1921	rVB2	644000	1104179	4.48%	0.217%
84	14.510	1934	1942	1950	rVV2	5430227	9317122	37.84%	1.830%
85	14.710	1972	1976	1981	rBV3	607565	958489	3.89%	0.188%
86	15.039	2028	2032	2040	rVB2	607616	917776	3.73%	0.180%
87	15.504	2106	2111	2116	rVB	3297914	4595529	18.66%	0.903%
88	15.774	2152	2157	2163	rVB	927085	1417350	5.76%	0.278%
89	15.863	2168	2172	2179	rVB2	705583	1148367	4.66%	0.226%
90	16.251	2231	2238	2243	rBV	1549520	2528933	10.27%	0.497%
91	17.074	2374	2378	2388	rVB	641854	1085757	4.41%	0.213%
92	17.251	2403	2408	2413	rBV2	7160827	10594076	43.03%	2.081%
93	17.292	2413	2415	2420	rVB	1449260	1736173	7.05%	0.341%
94	17.351	2420	2425	2430	rBV	3483162	4890120	19.86%	0.960%
95	18.145	2553	2560	2562	rBV2	717468	1352793	5.49%	0.266%
96	19.304	2753	2757	2762	rVB	2401084	2936441	11.93%	0.577%
97	19.362	2763	2767	2772	rBV	2191171	2624222	10.66%	0.515%
98	19.639	2809	2814	2817	rBV	4179120	6270383	25.47%	1.231%
99	21.421	3112	3117	3121	rBV	8227517	11026224	44.78%	2.165%
100	23.733	3506	3510	3518	rVB2	4299651	8106629	32.92%	1.592%

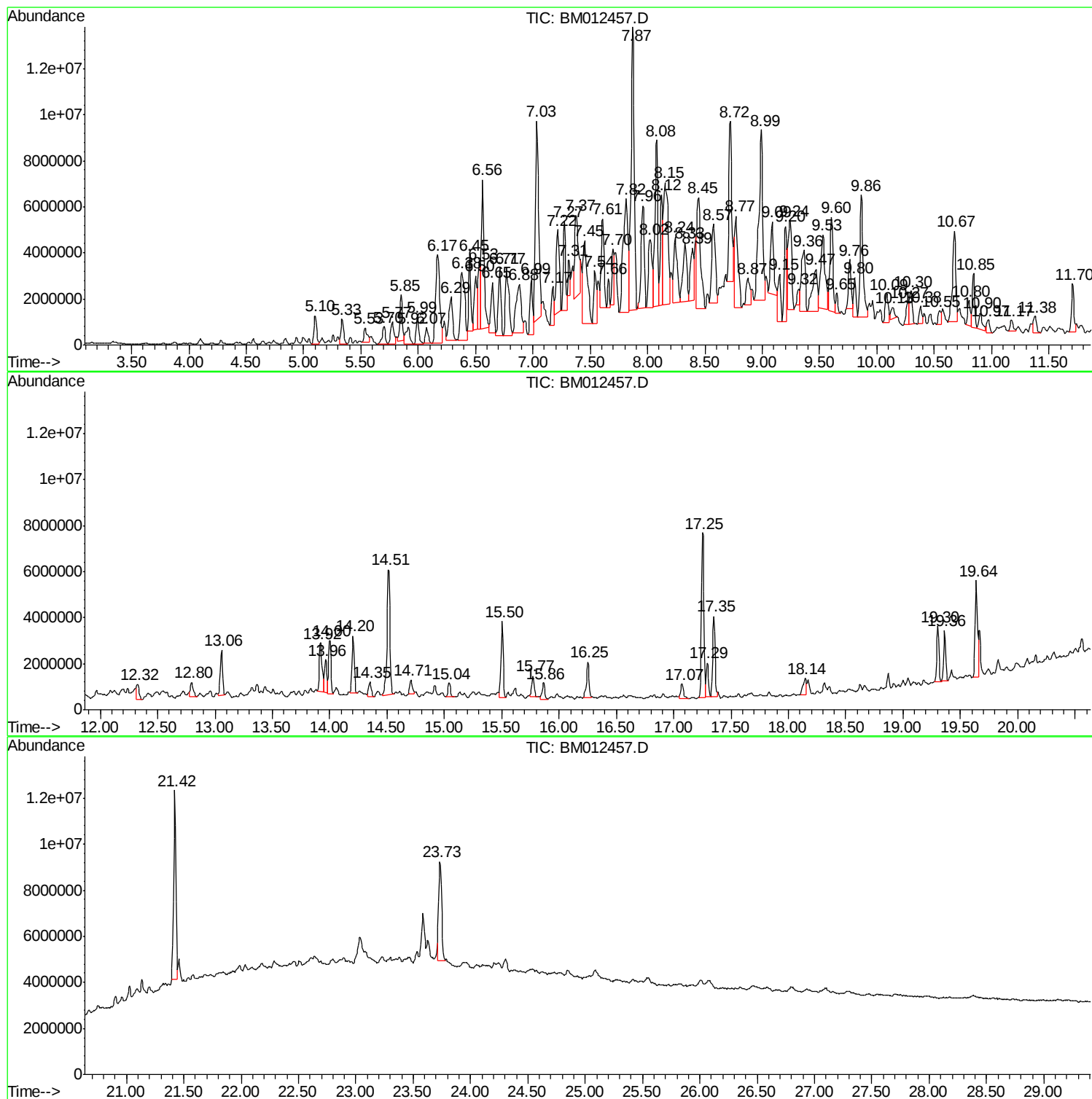
Sum of corrected areas: 509191693

Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

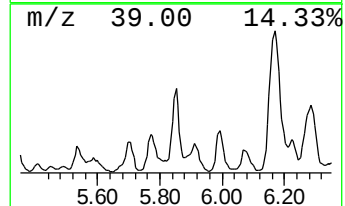
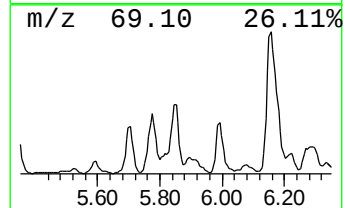
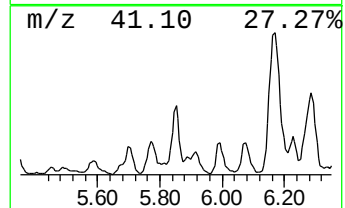
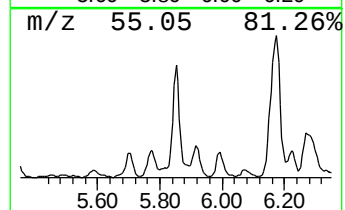
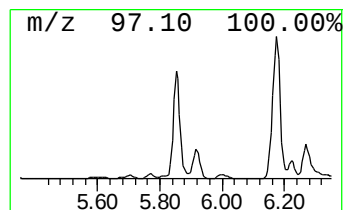
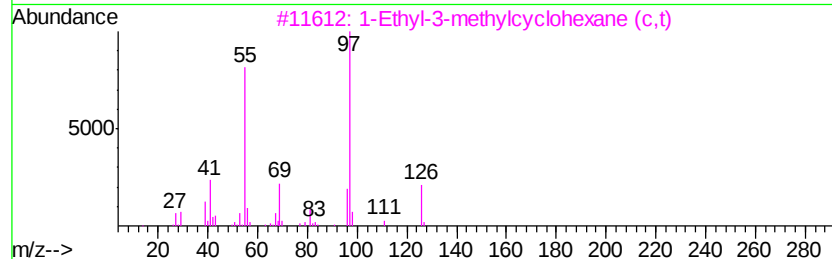
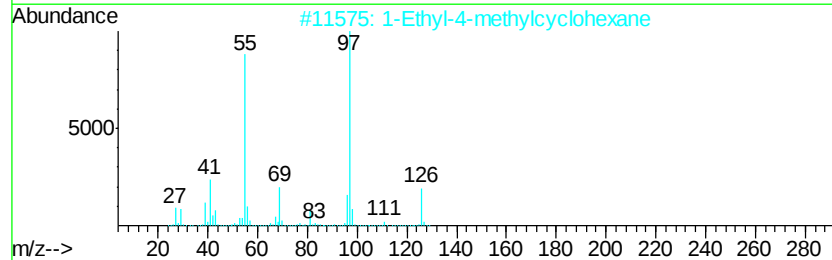
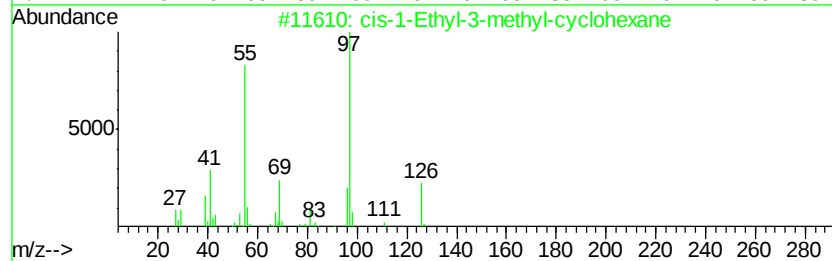
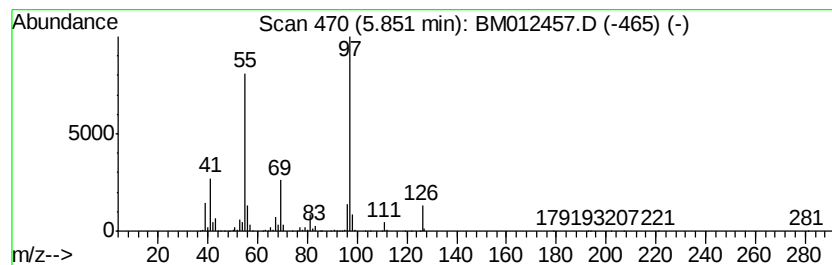
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic5.85 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	2.48 ng/ul	3054290	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

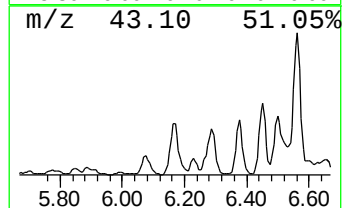
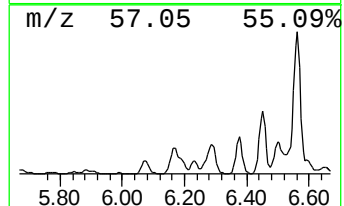
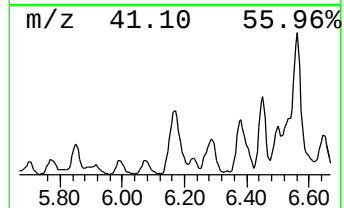
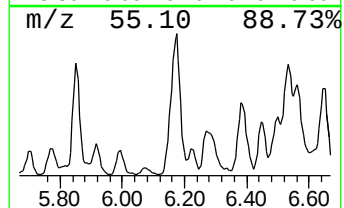
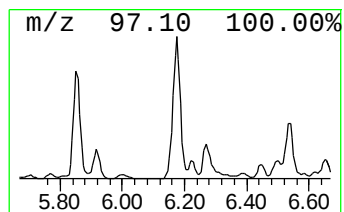
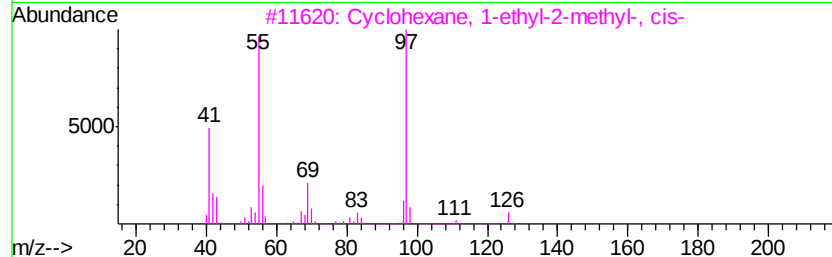
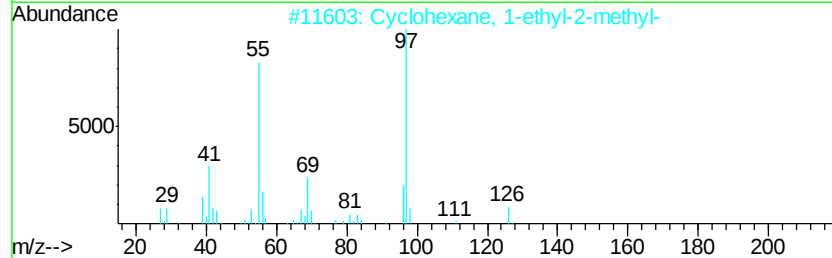
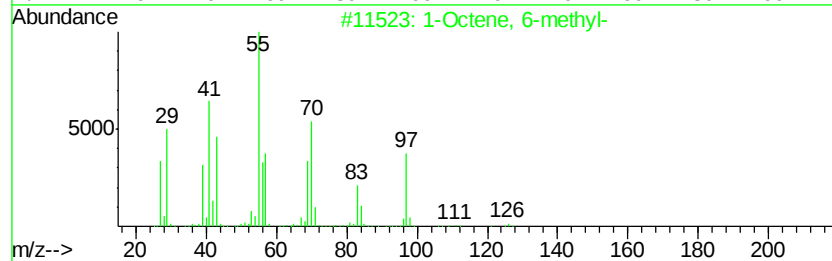
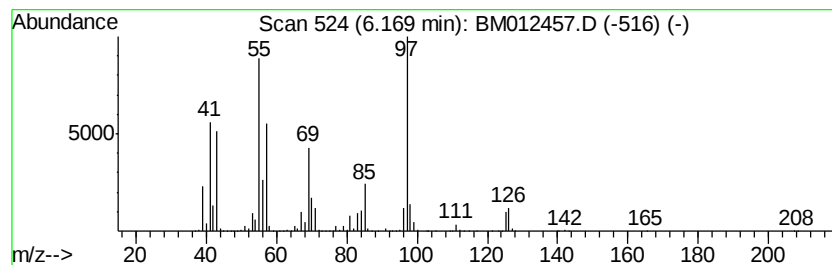
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic6.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	7.85 ng/ul	9669580	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octene, 6-methyl-	126	C9H18	013151-10-5	68
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	49
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

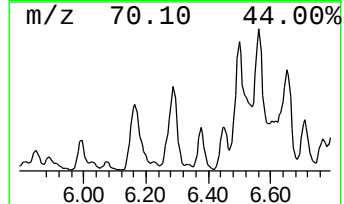
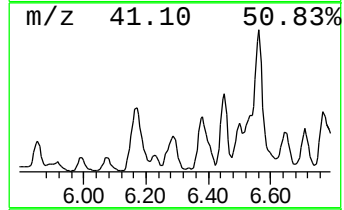
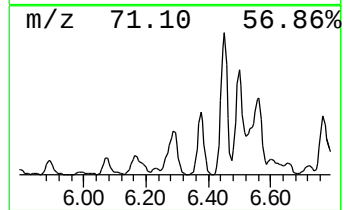
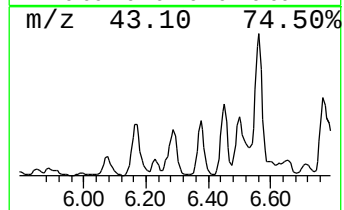
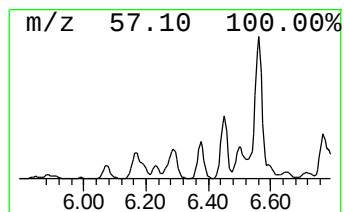
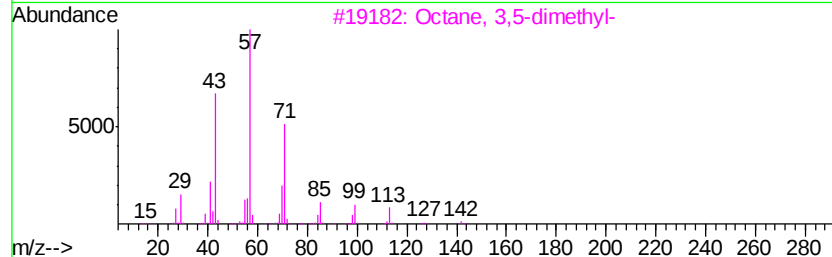
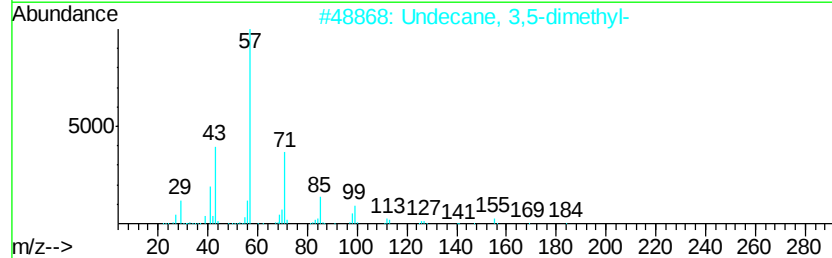
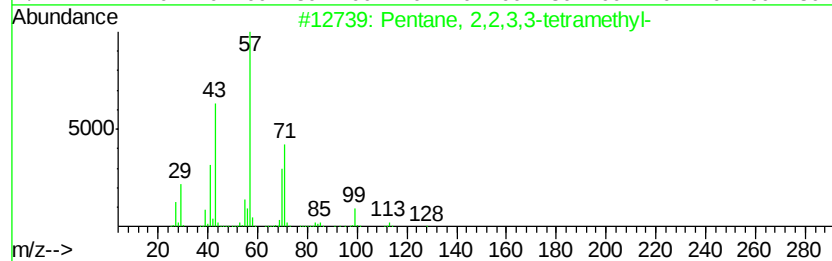
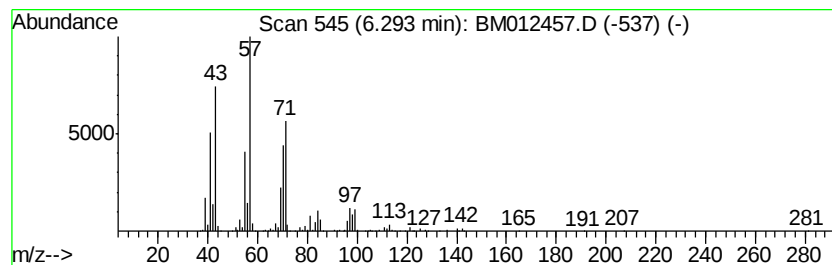
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	3.37 ng/ul	4149740	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	47
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	47
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

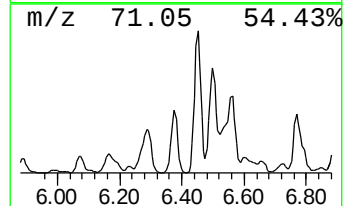
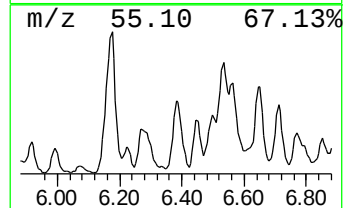
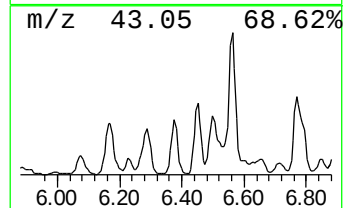
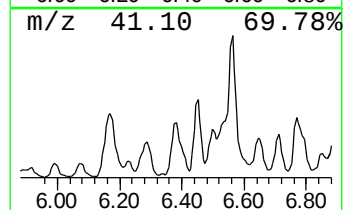
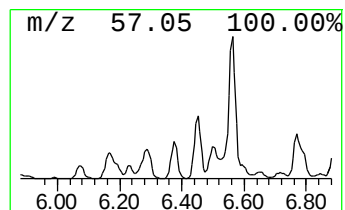
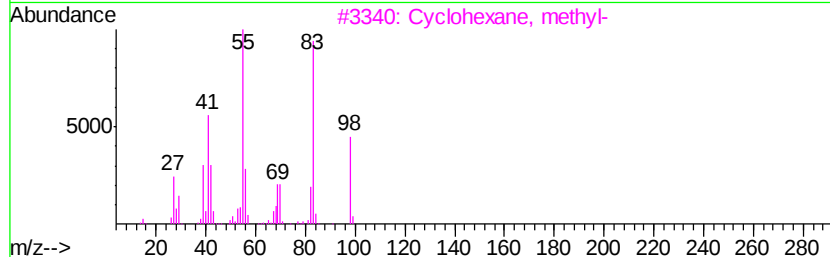
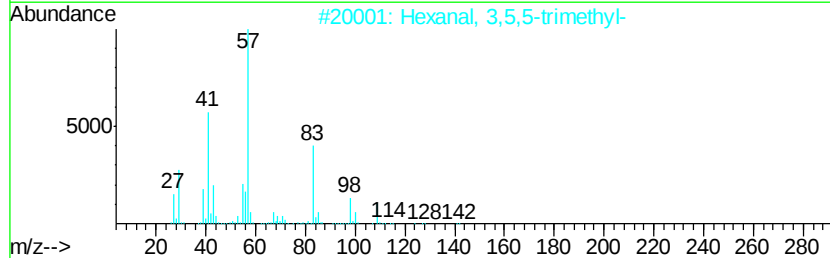
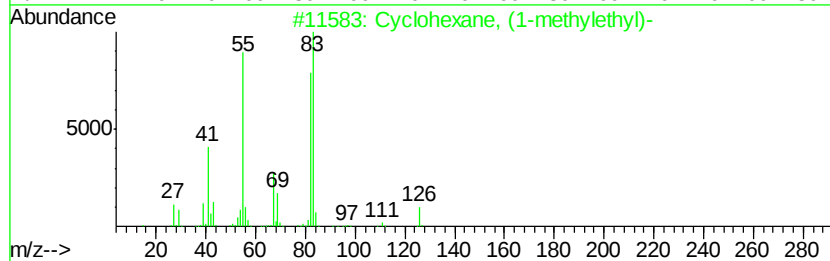
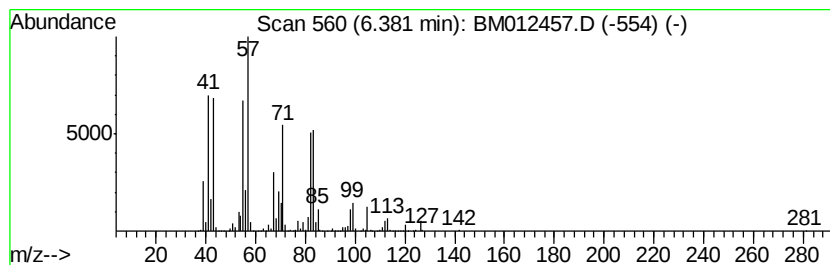
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic6.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	6.38 ng/ul	7857010	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
2		Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	38
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	38
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
5		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	30



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

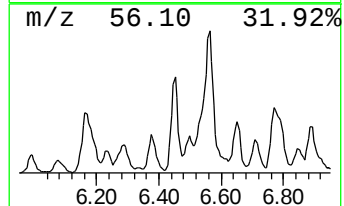
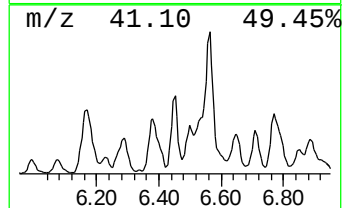
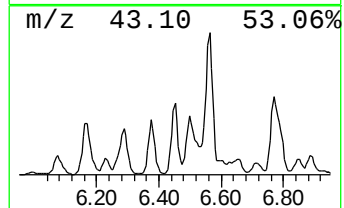
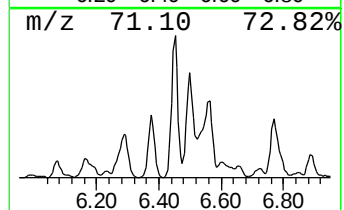
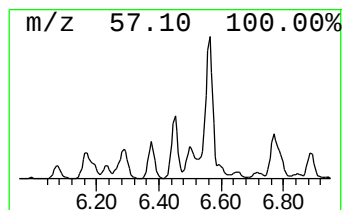
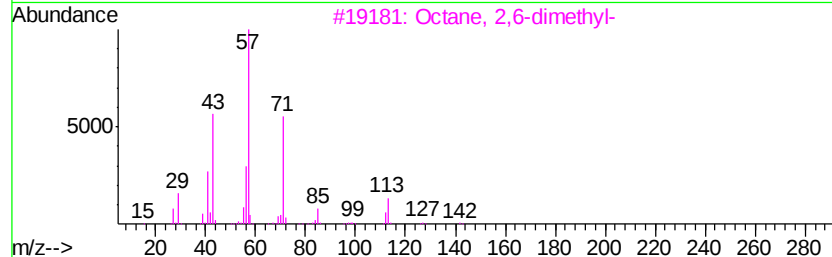
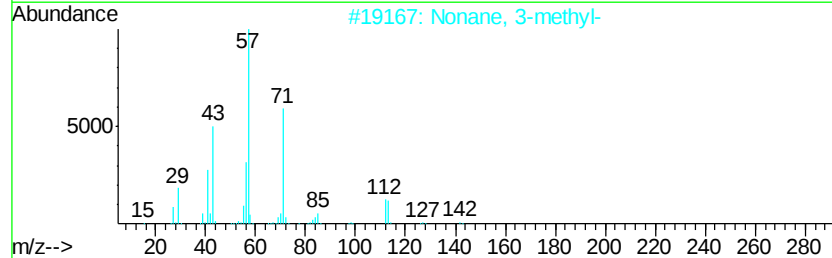
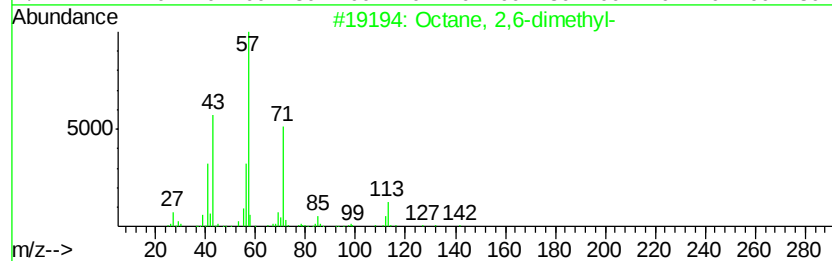
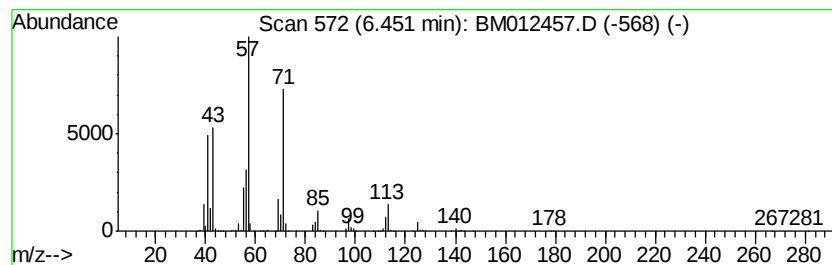
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	3.76 ng/ul	4623160	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	83
5		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

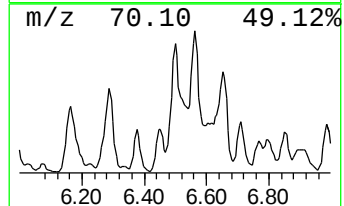
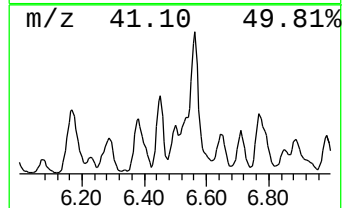
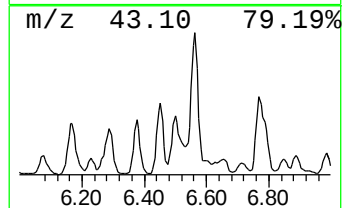
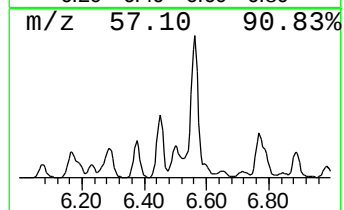
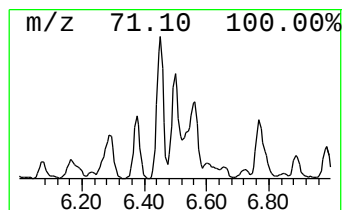
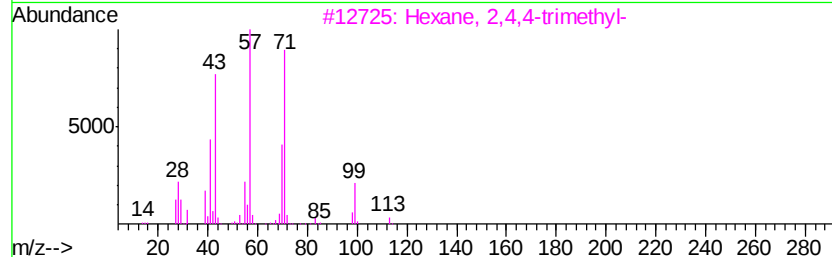
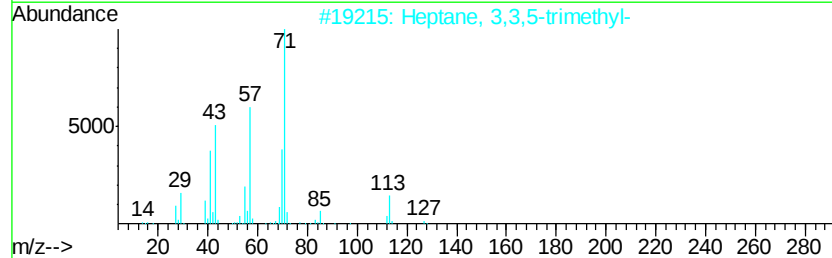
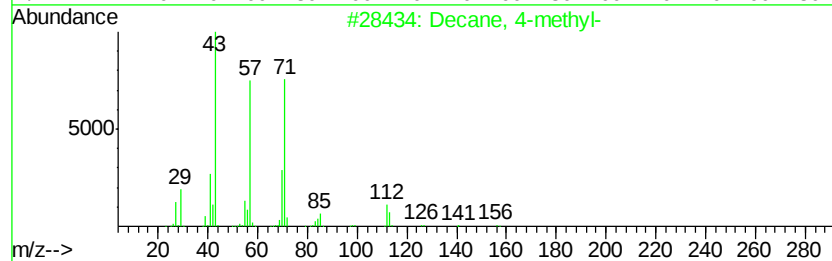
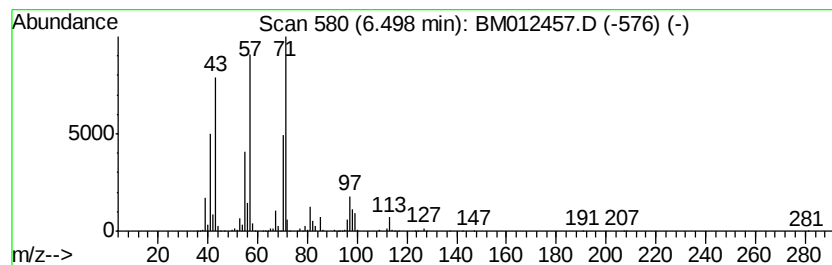
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	3.42 ng/ul	4207310	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	59
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
3		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	59
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

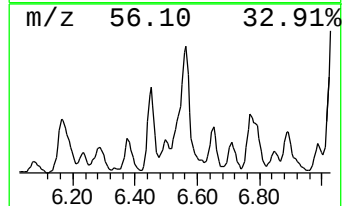
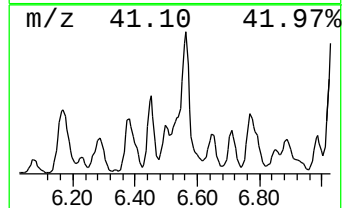
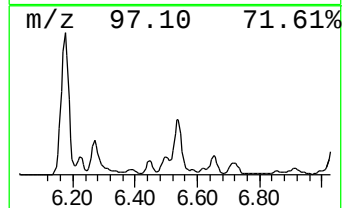
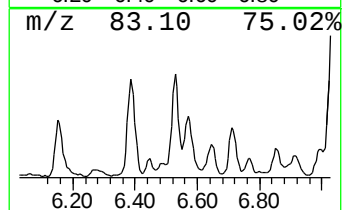
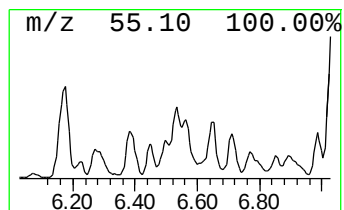
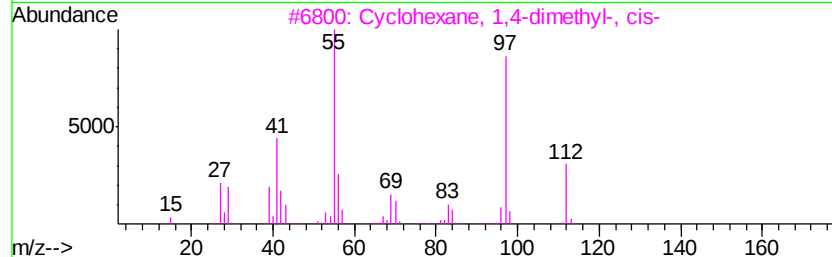
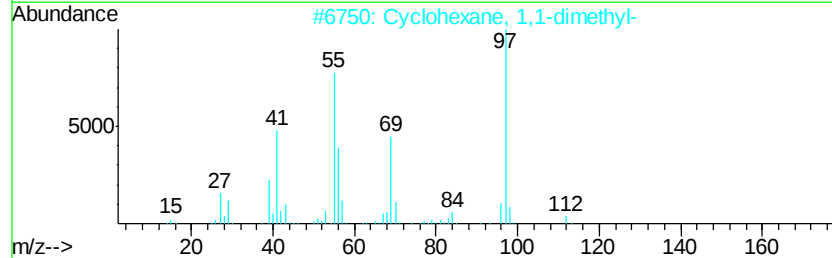
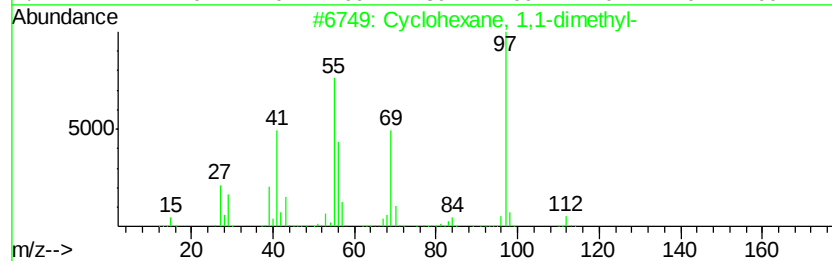
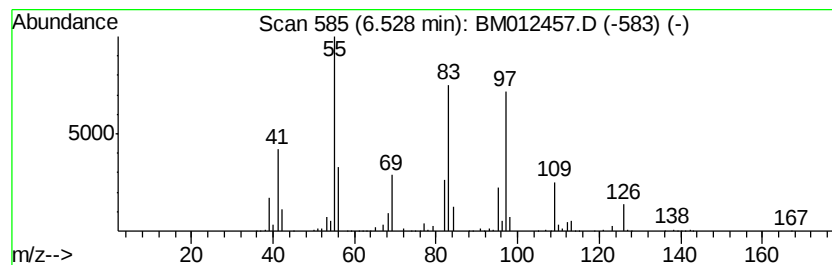
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic6.53 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	2.98 ng/ul	3670390	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	47
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43
5		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

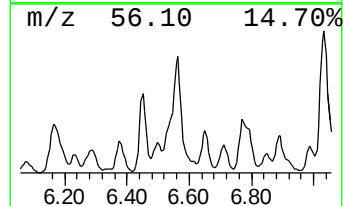
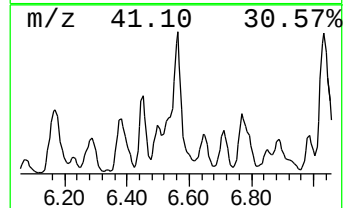
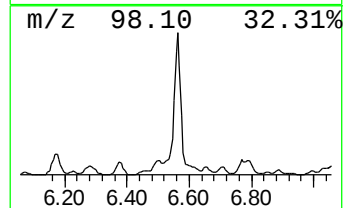
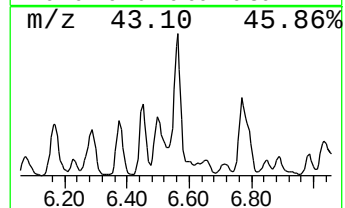
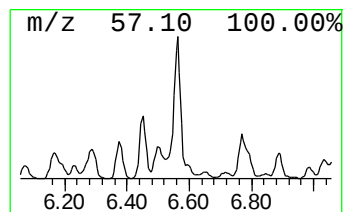
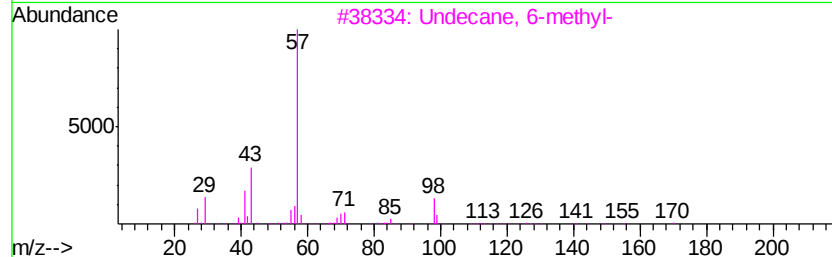
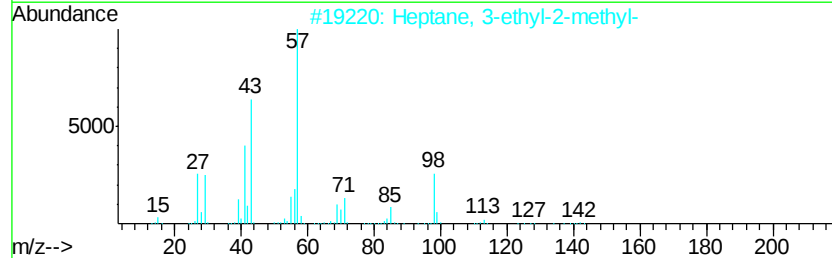
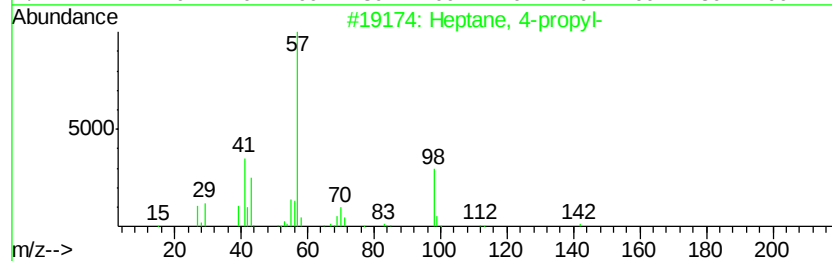
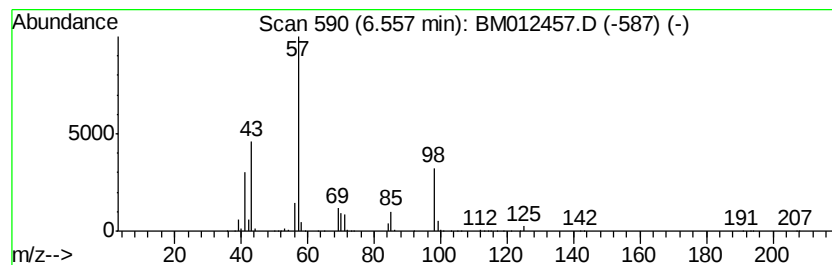
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	8.97 ng/ul	11040300	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	52
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

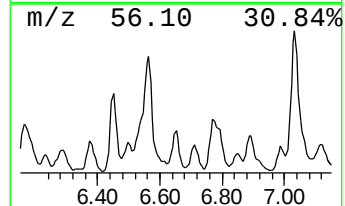
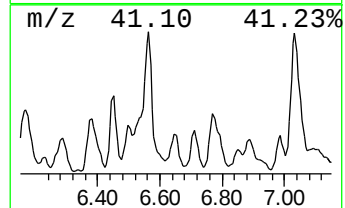
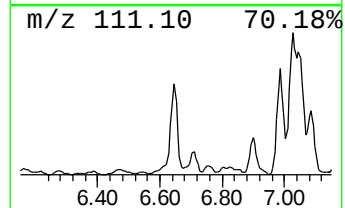
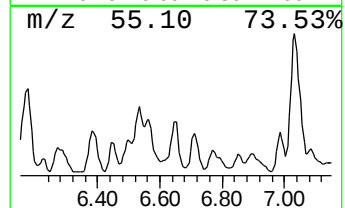
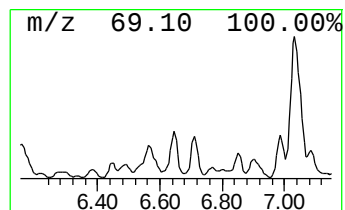
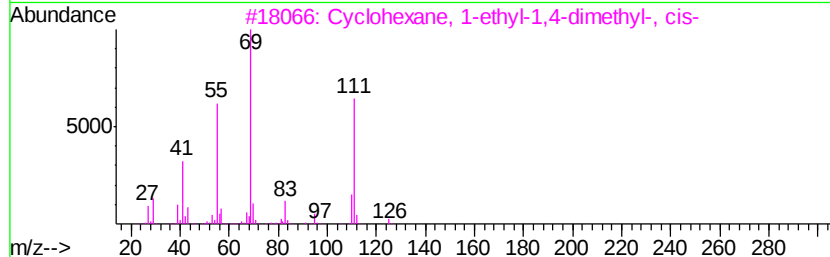
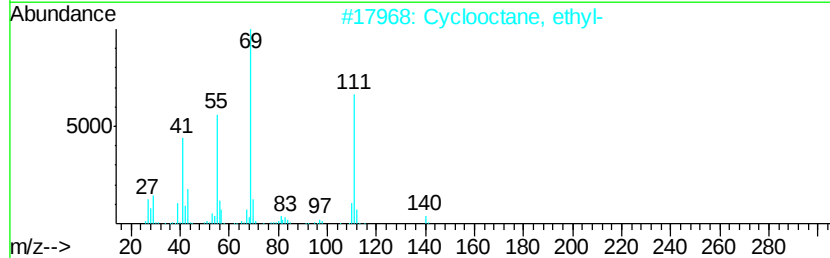
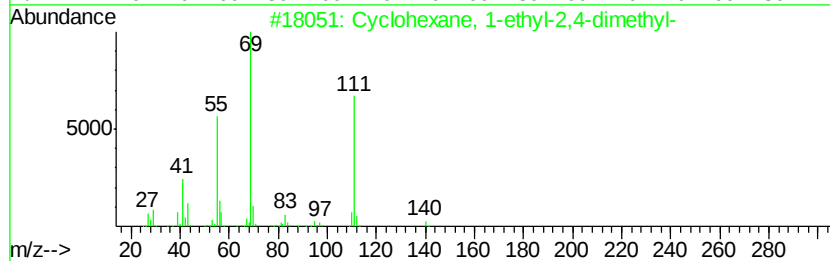
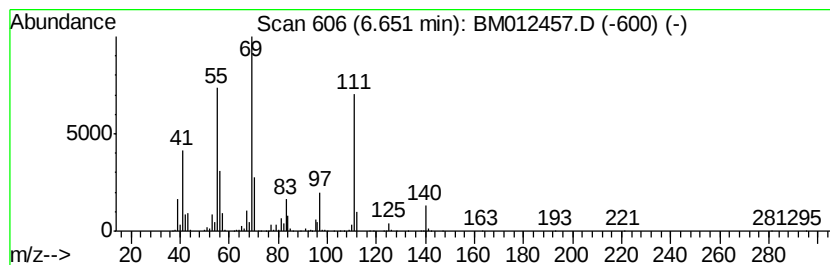
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic6.65 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	2.98 ng/ul	3669590	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64
2		Cyclooctane, ethyl-	140	C10H20	013152-02-8	64
3		Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-30-6	59
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
5		2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

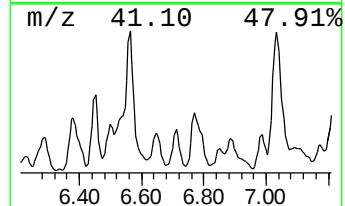
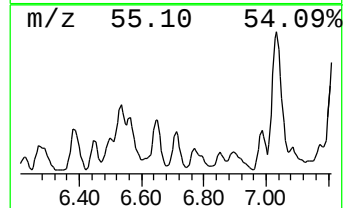
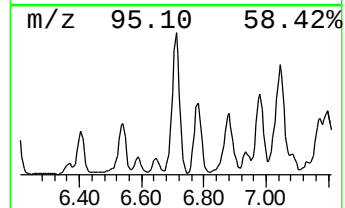
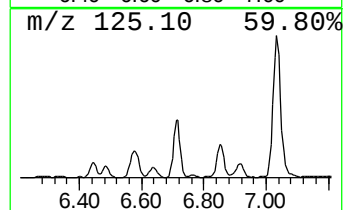
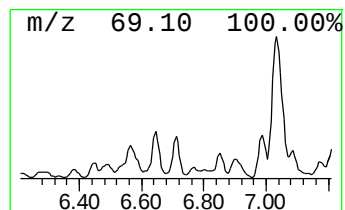
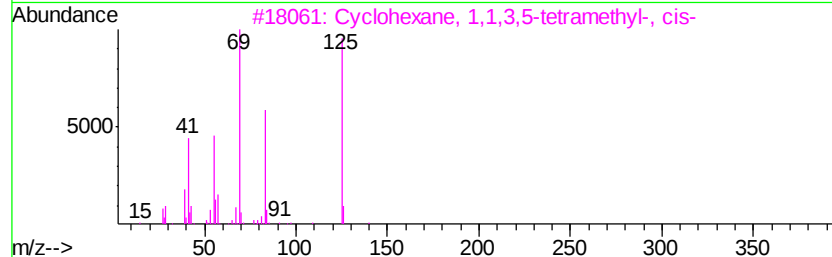
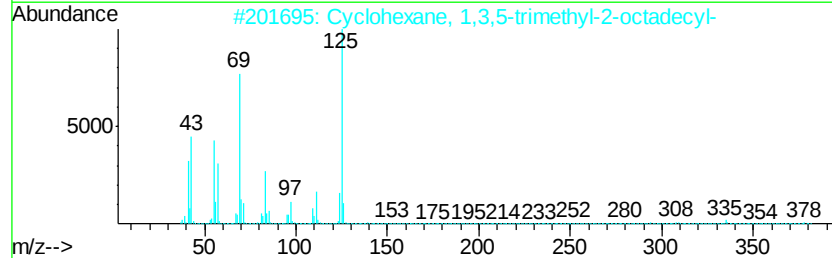
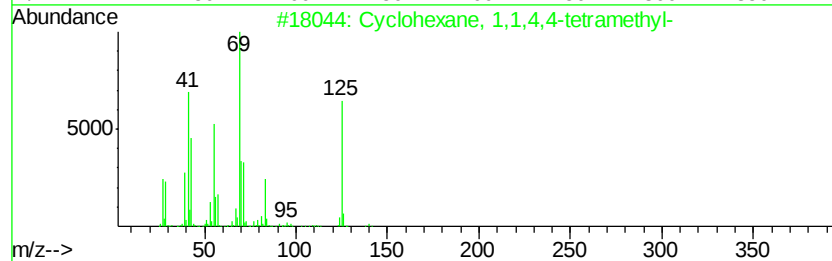
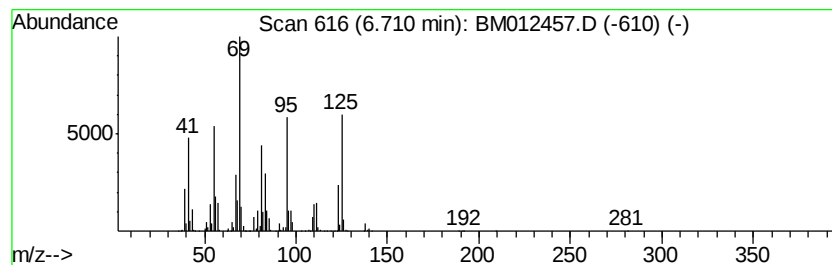
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic6.71 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	3.80 ng/ul	4681020	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	55
2		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	53
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	46
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
5		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	27



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

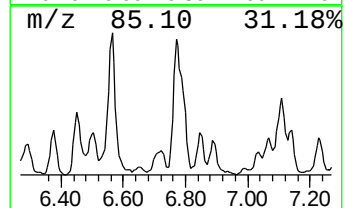
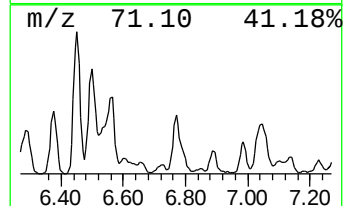
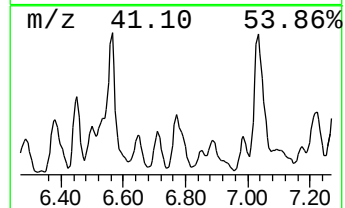
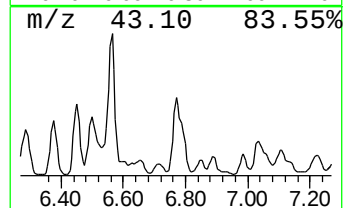
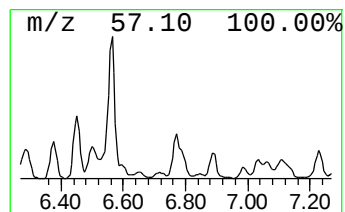
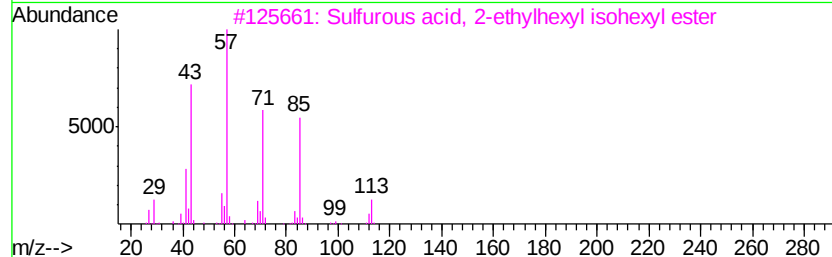
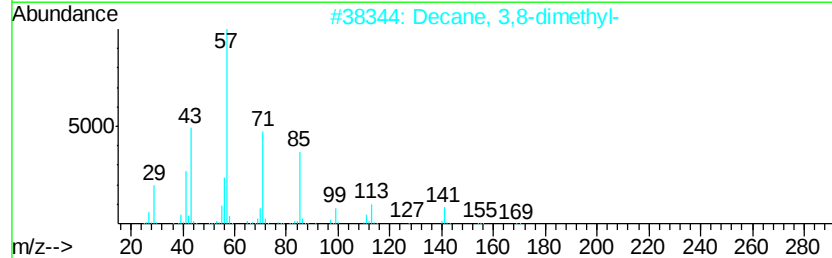
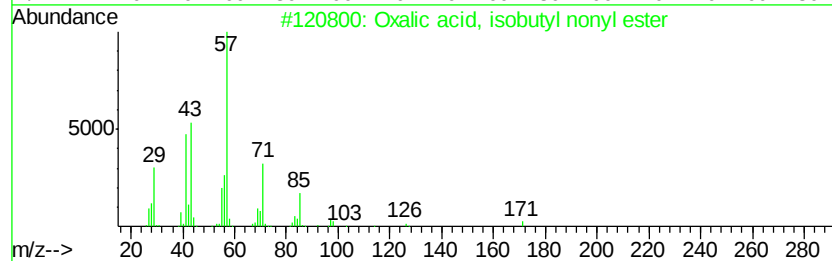
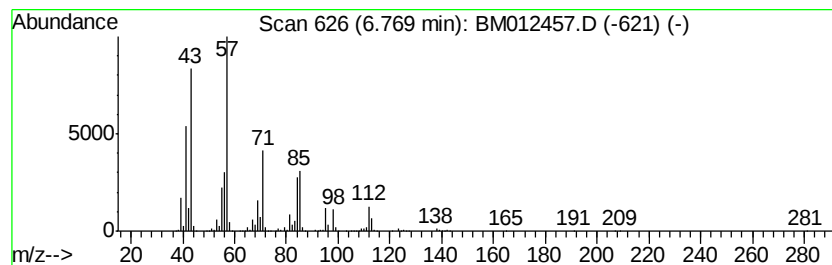
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Oxalic acid, isobutyl nonyl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	5.21 ng/ul	6411530	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	46
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	46



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

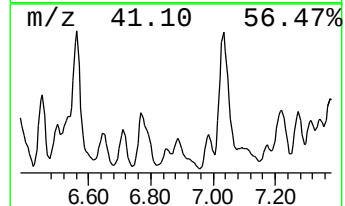
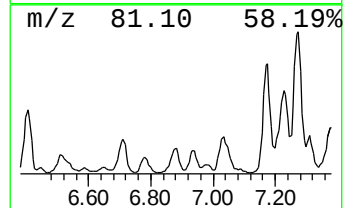
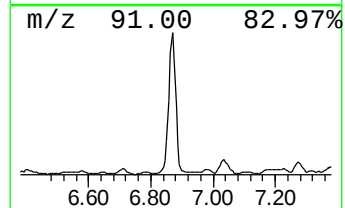
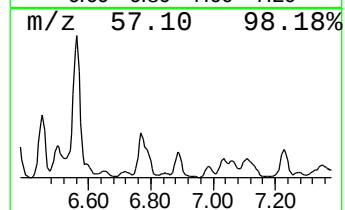
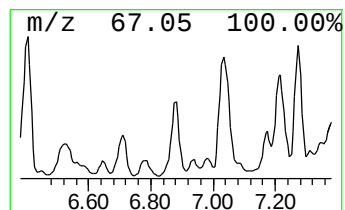
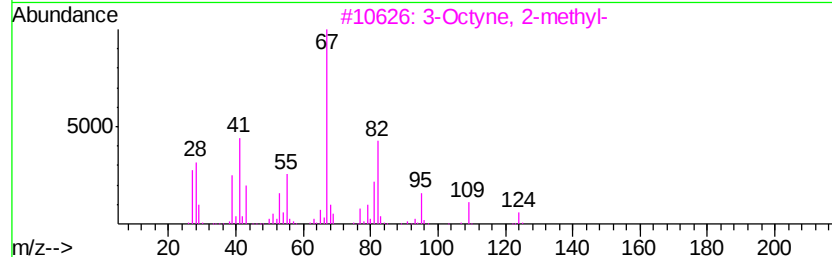
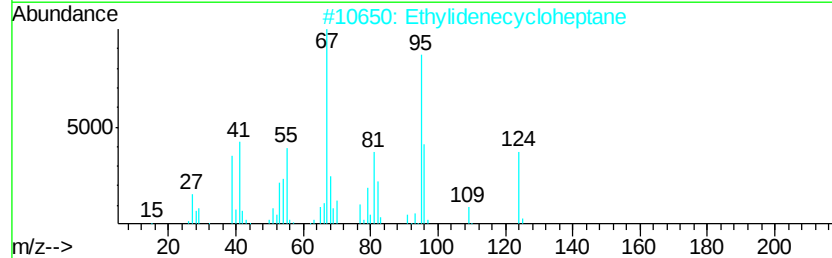
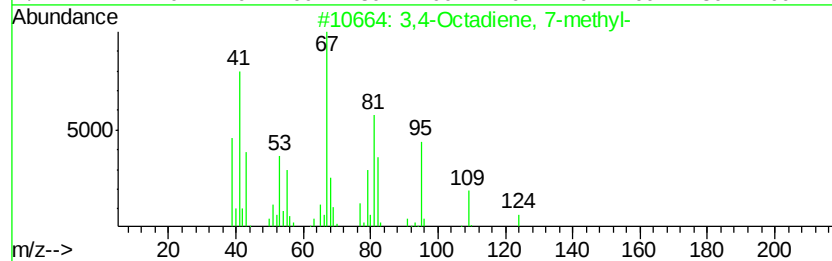
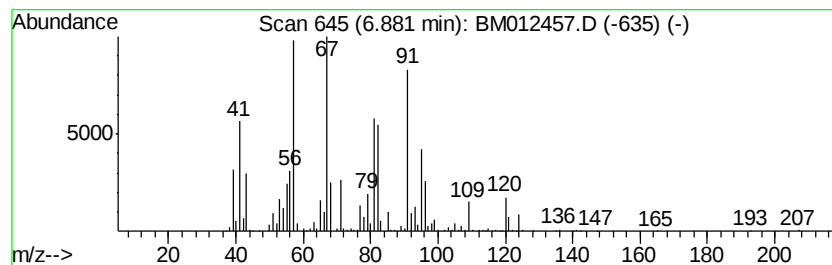
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	5.41 ng/ul	6665830	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	49
2			Ethylidenecycloheptane	124	C9H16	010494-87-8	49
3			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	46
4			4-Methyl-2-pentyne	82	C6H10	021020-27-9	46
5			Cyclopentane, ethylidene-	96	C7H12	002146-37-4	38



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

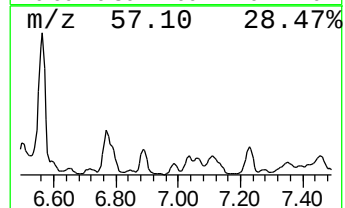
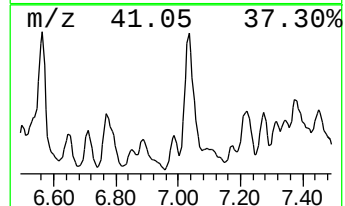
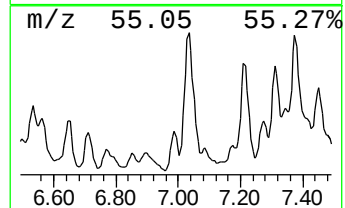
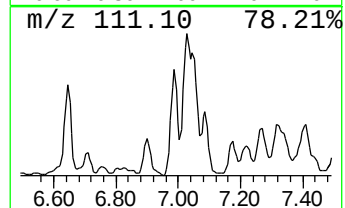
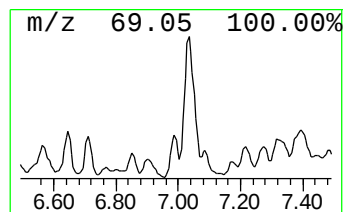
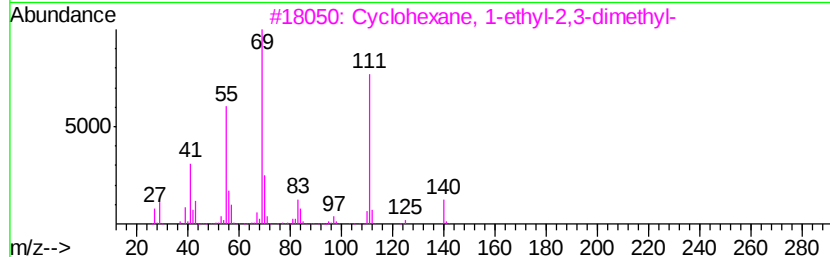
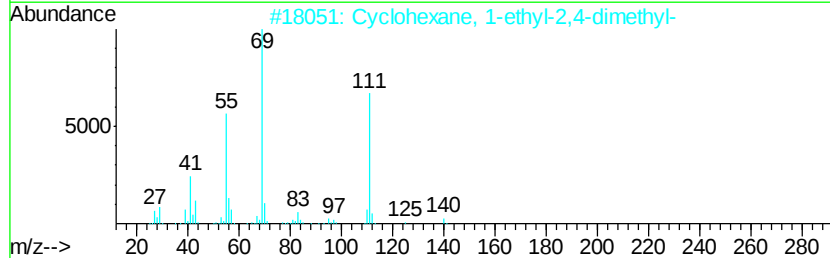
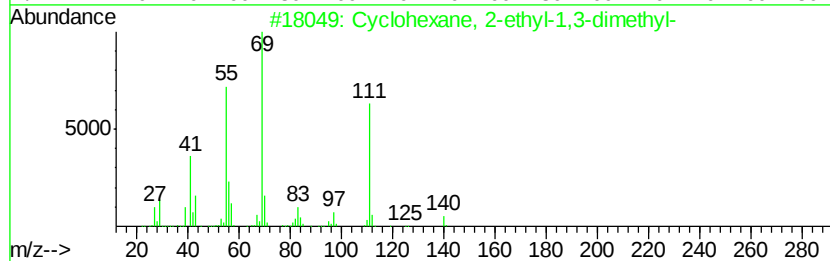
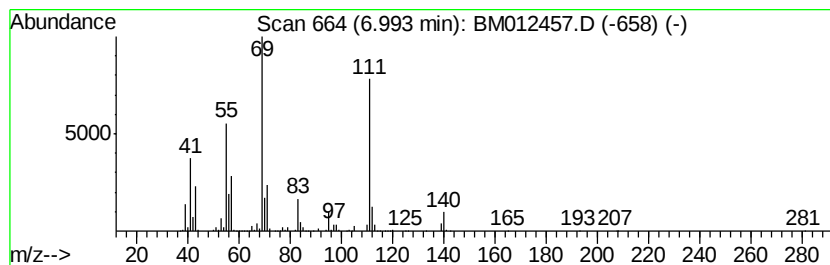
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic6.99 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	3.11 ng/ul	3822520	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	87
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	80
3			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	72
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
5			Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

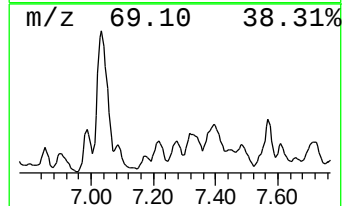
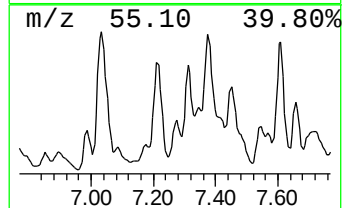
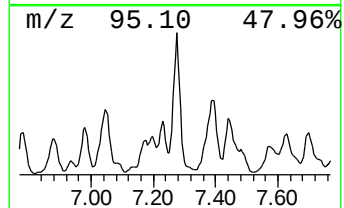
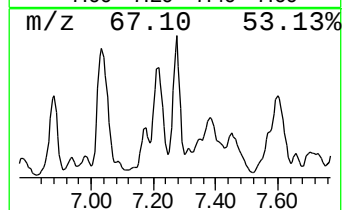
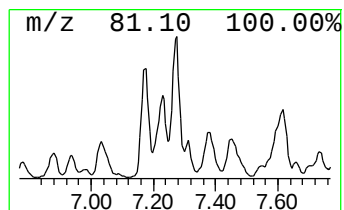
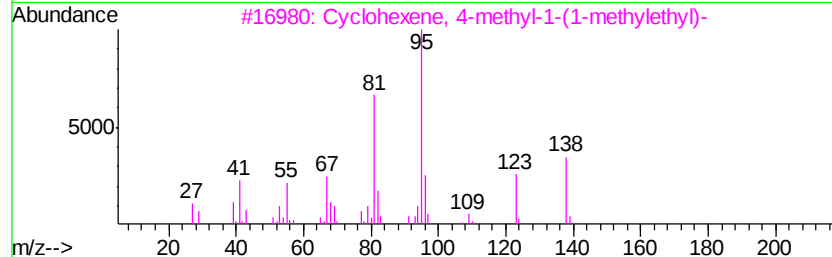
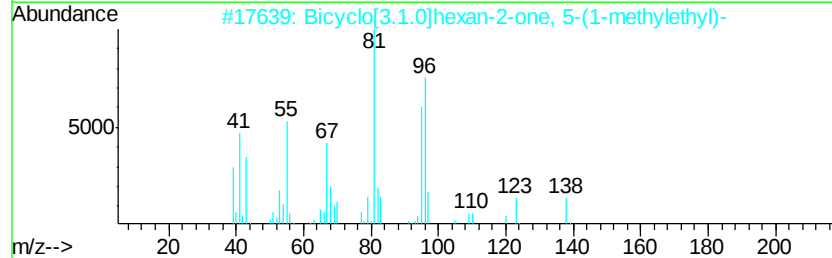
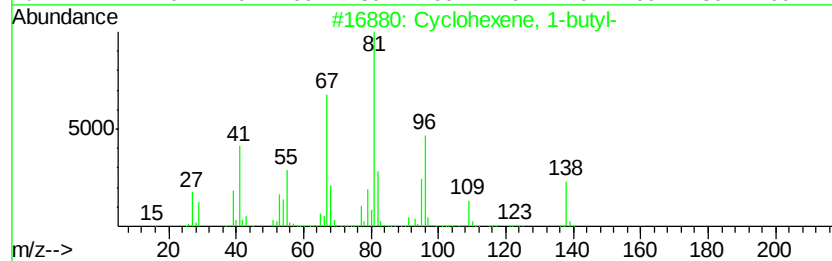
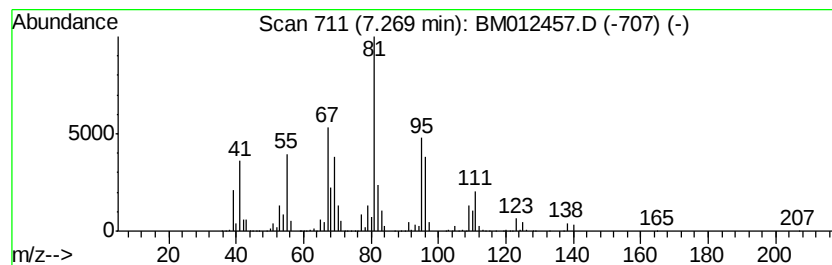
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Cyclohexene, 1-butyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	4.72 ng/ul	5808560	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	92
2		Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	58
3		Cyclohexene, 4-methyl-1-(1-methyl...	138	C10H18	000500-00-5	58
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	53
5		Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	52



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B-26(5-5.8)-100517

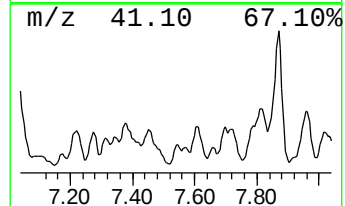
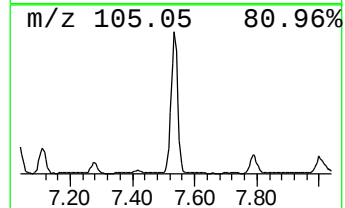
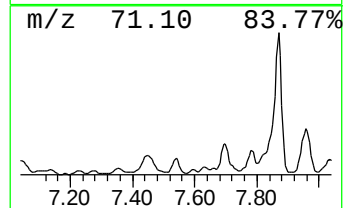
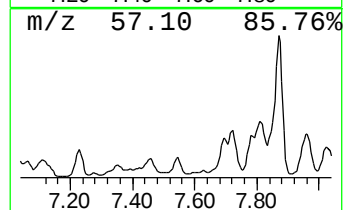
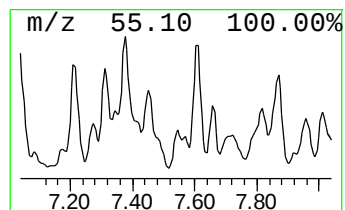
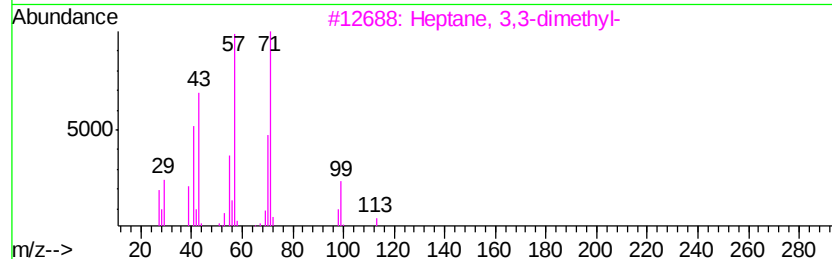
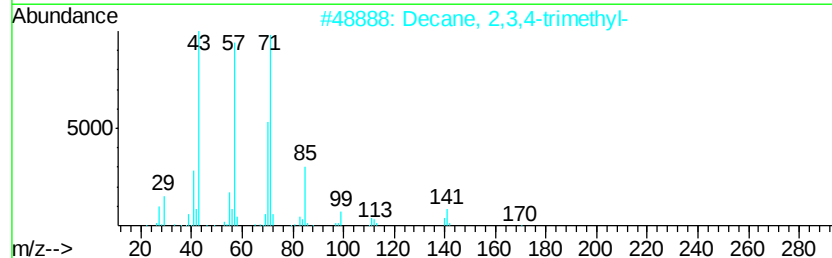
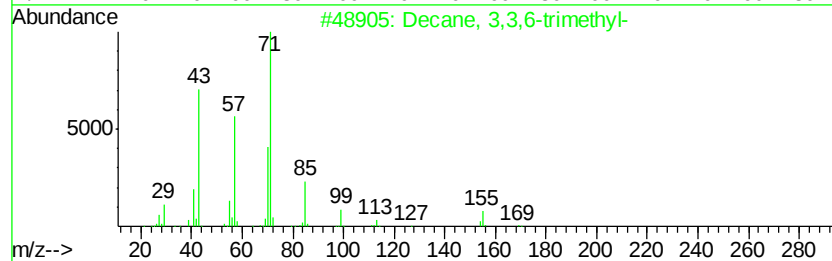
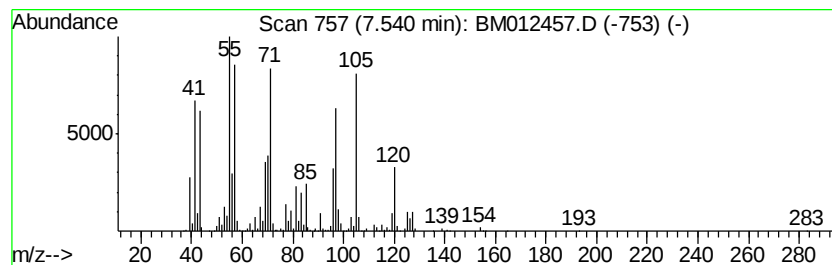
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	3.06 ng/ul	3765350	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	38
2			Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	38
3			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	35
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	35
5			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	35



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

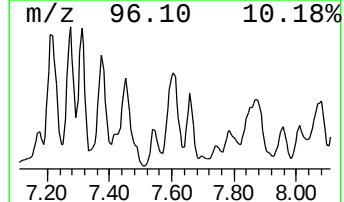
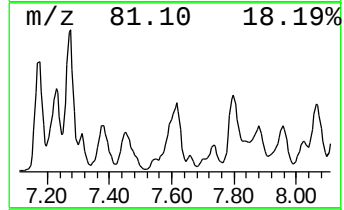
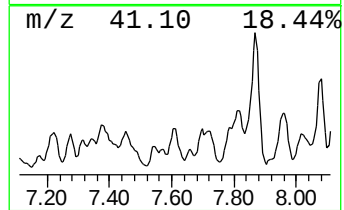
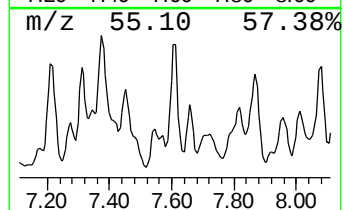
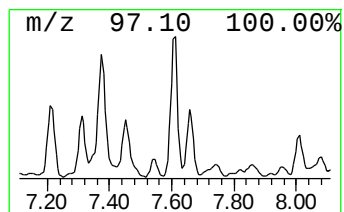
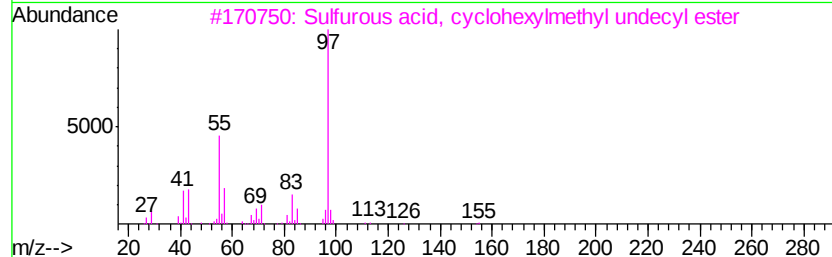
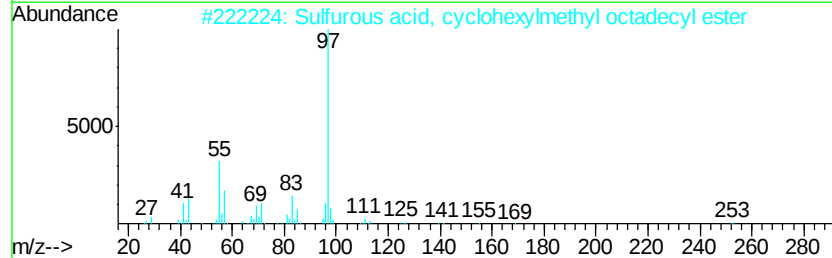
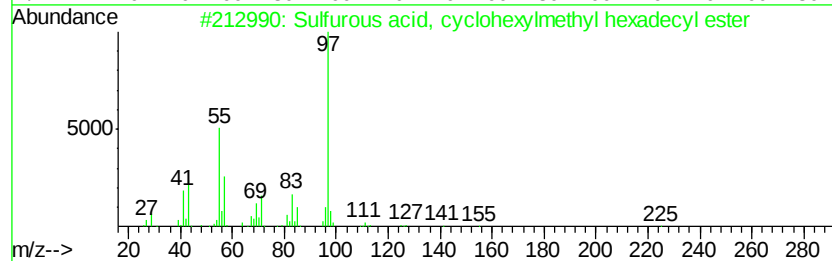
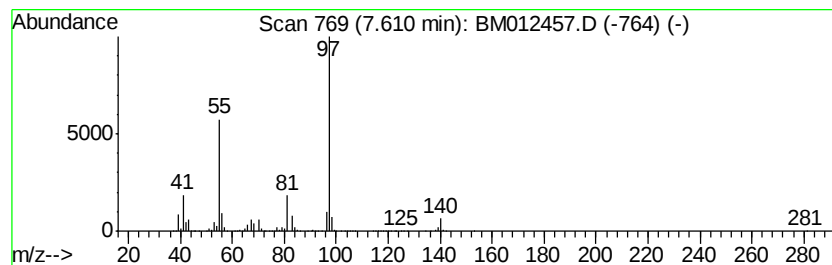
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Sulfurous acid, cyclohexylm... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	5.45 ng/ul	6709360	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cvclohexylmethvl...	402	C23H46O3S	1000309-22-4	78
2			Sulfurous acid, cvclohexylmethvl...	430	C25H50O3S	1000309-22-6	78
3			Sulfurous acid, cvclohexylmethvl...	332	C18H36O3S	1000309-21-9	78
4			Sulfurous acid, cvclohexylmethvl...	262	C13H26O3S	1000309-21-5	72
5			Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

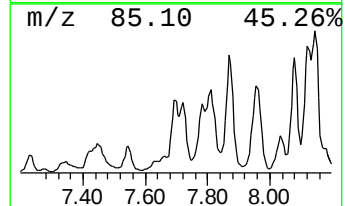
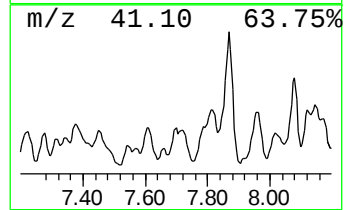
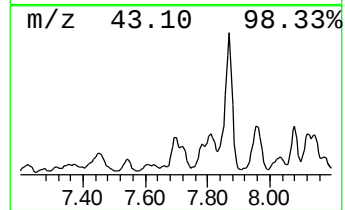
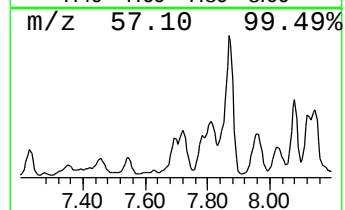
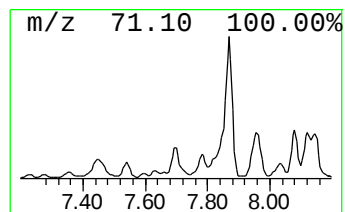
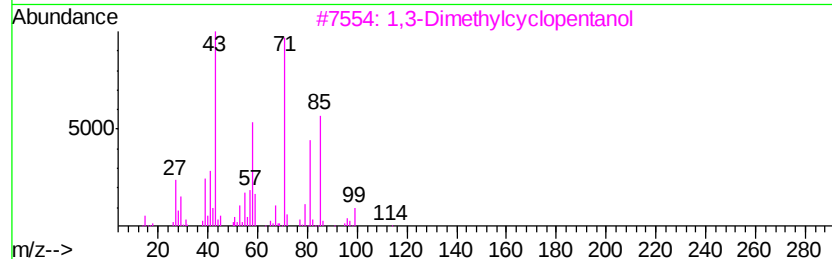
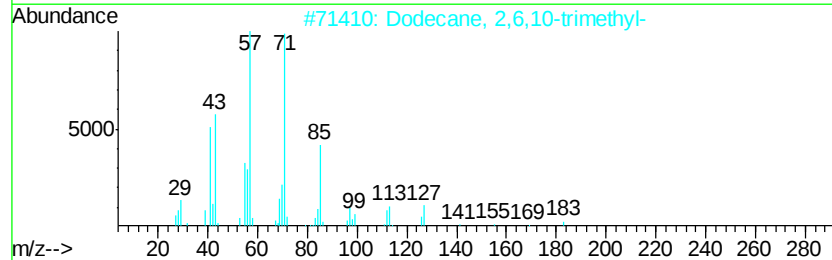
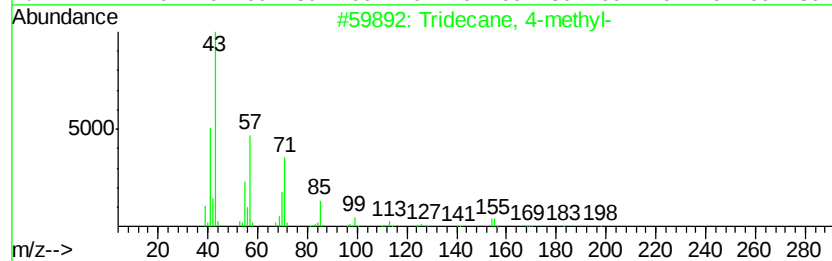
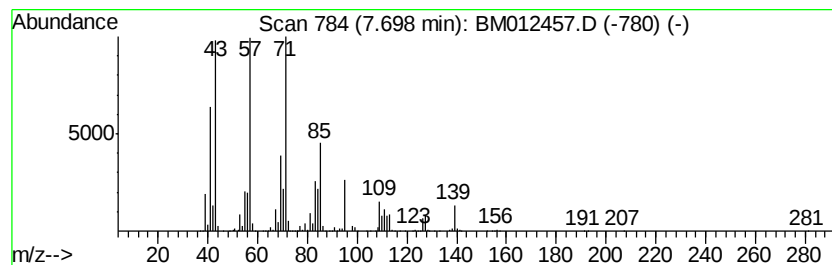
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	3.04 ng/ul	3738390	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	46
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
3			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	38
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	38
5			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	38



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

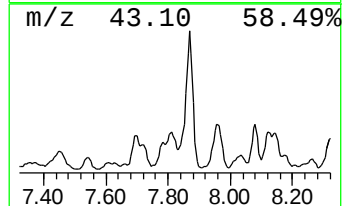
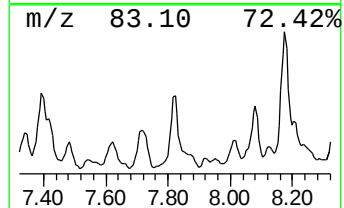
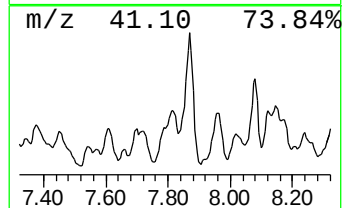
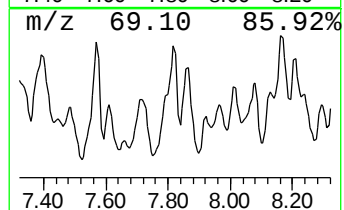
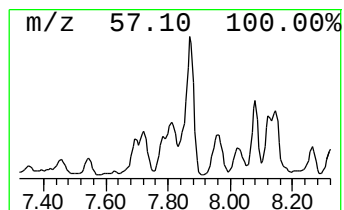
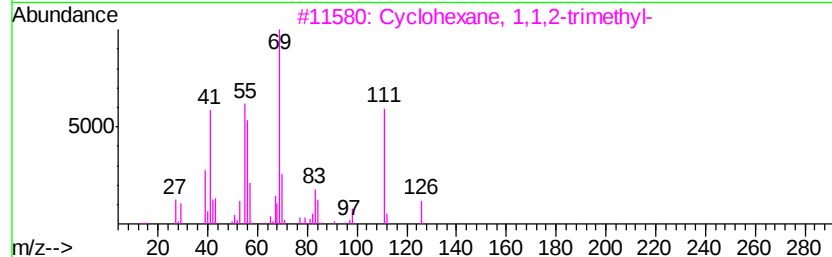
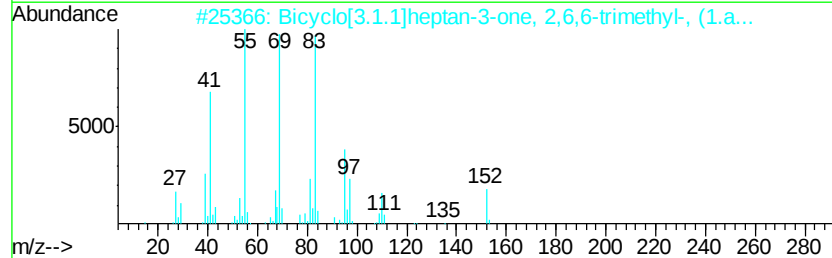
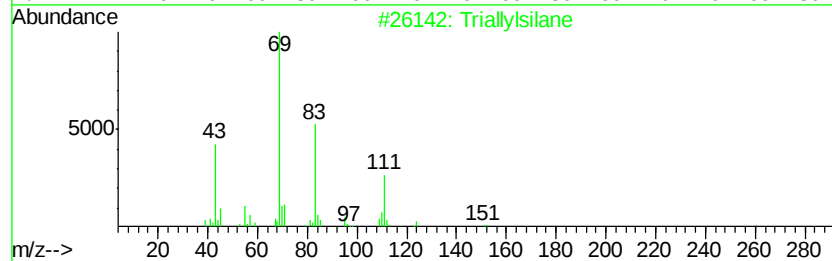
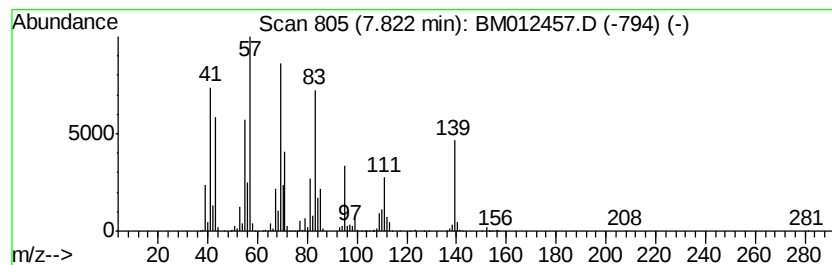
Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Triallylsilane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	11.49 ng/ul	14140300	1,4-Dichlorobenzene-d4	7.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Triallylsilane	152 C9H16Si	001116-62-7 50
2		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	015358-88-0 47
3		Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0 38
4		4-Methyl-1,5-Heptadiene	110 C8H14	000998-94-7 27
5		1-Pentene, 3-ethyl-	98 C7H14	004038-04-4 27



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

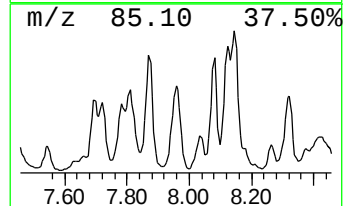
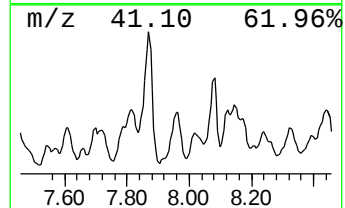
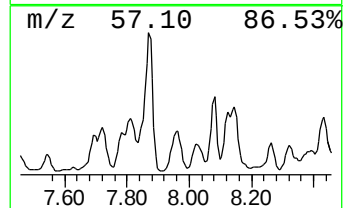
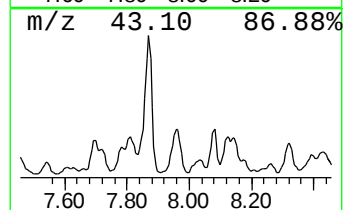
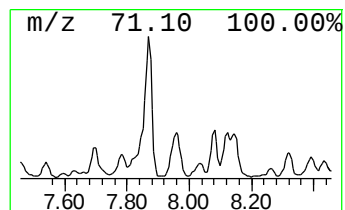
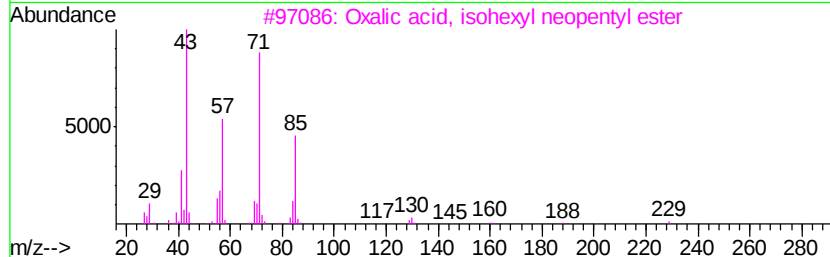
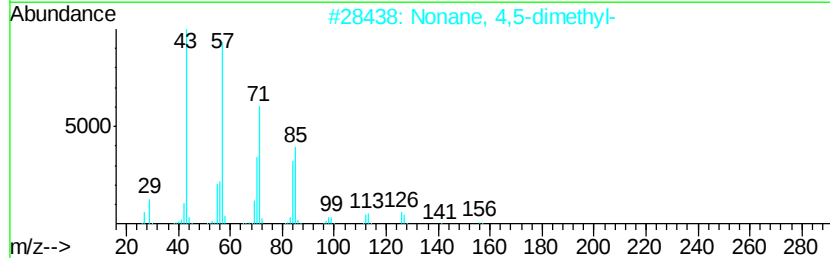
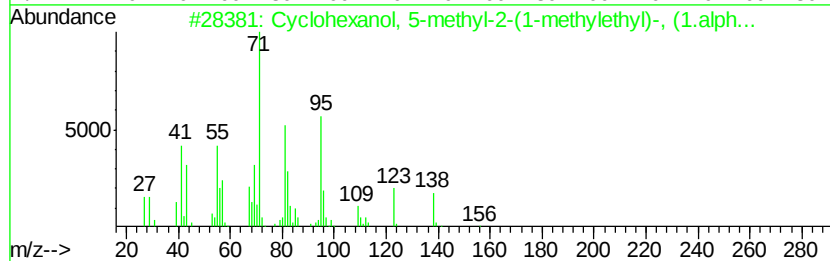
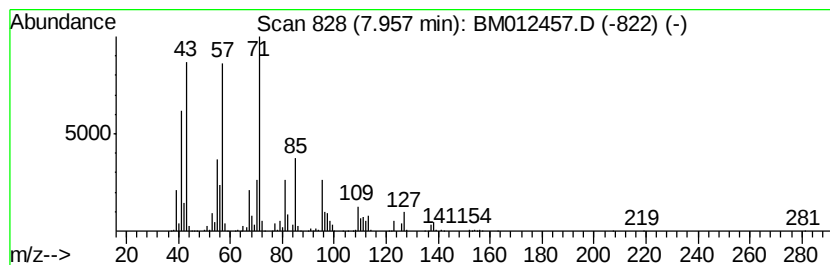
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	6.80 ng/ul	8365980	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	46
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
3			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	43
4			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	38



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

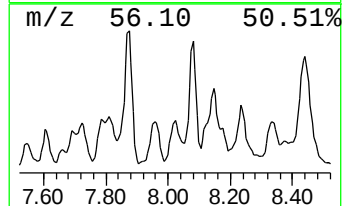
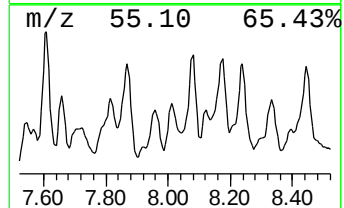
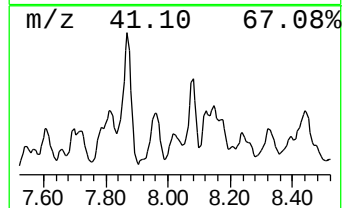
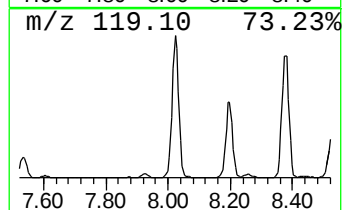
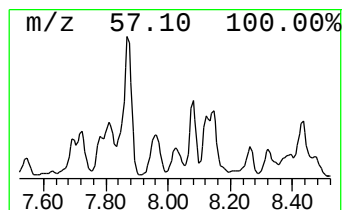
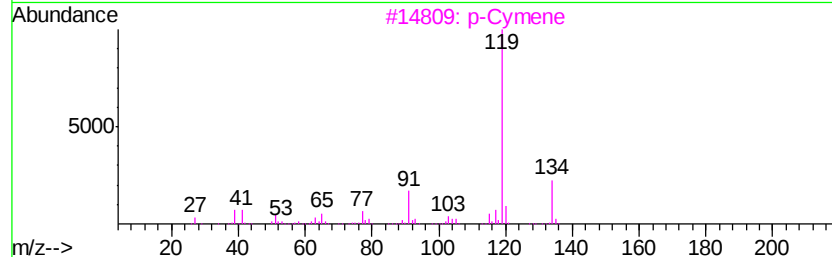
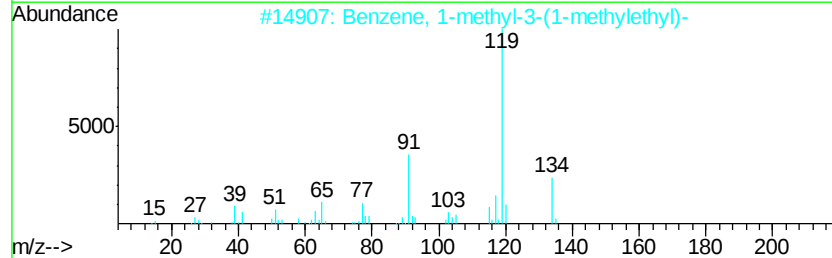
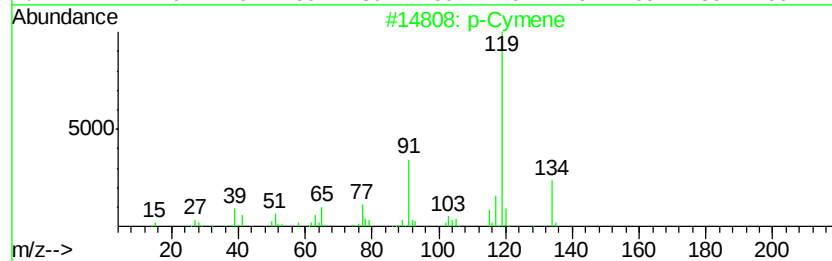
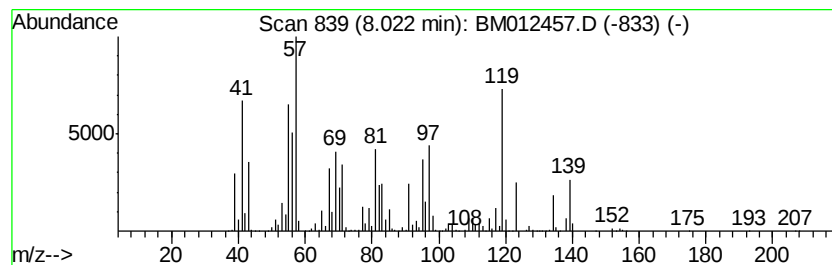
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 p-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	5.49 ng/ul	6757220	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	74
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
3			p-Cymene	134	C10H14	000099-87-6	70
4			o-Cymene	134	C10H14	000527-84-4	70
5			o-Cymene	134	C10H14	000527-84-4	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

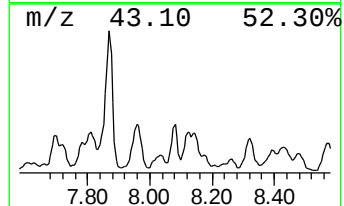
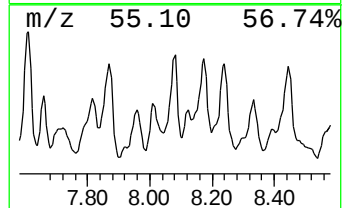
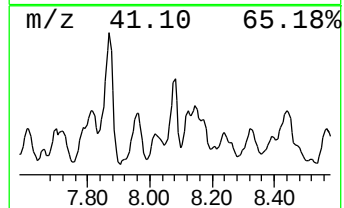
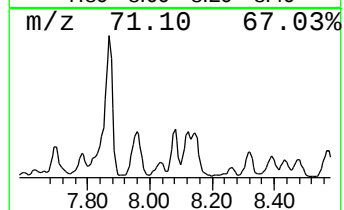
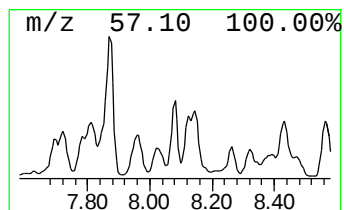
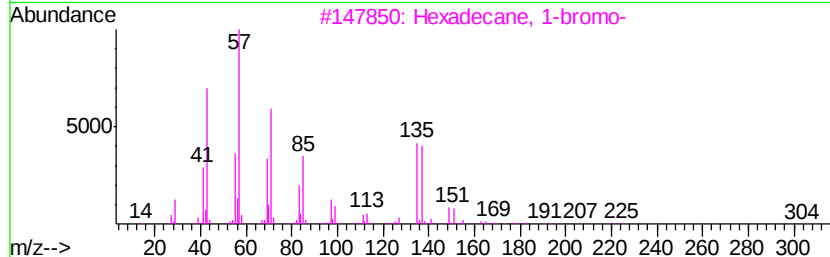
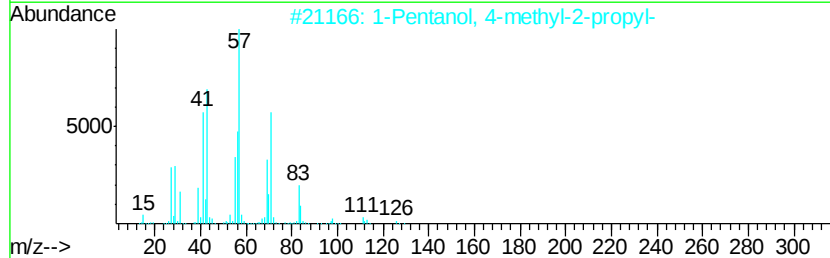
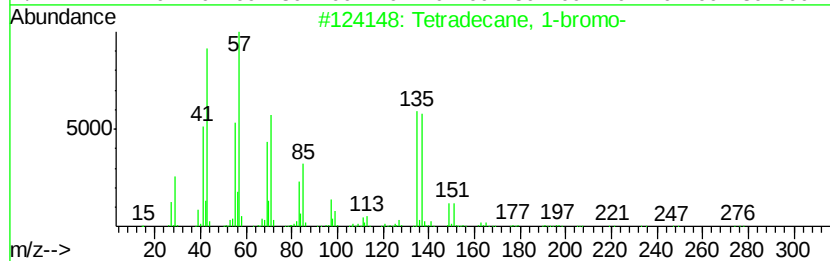
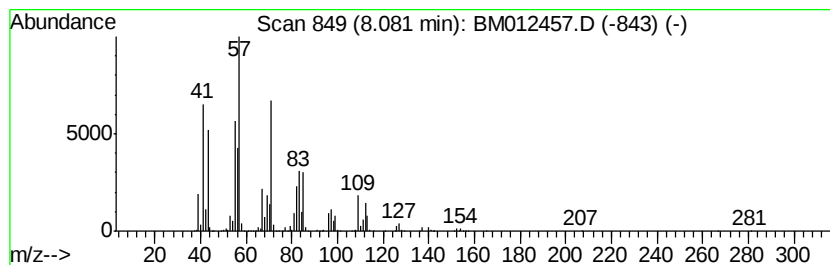
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	10.30 ng/ul	12683100	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	46
2			1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	38
3			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	35
4			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	35
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	35



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

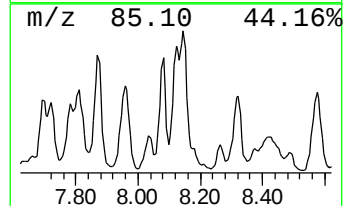
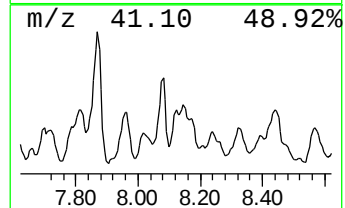
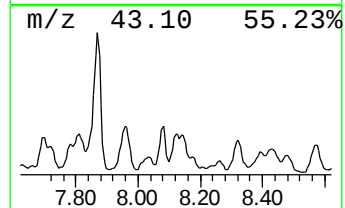
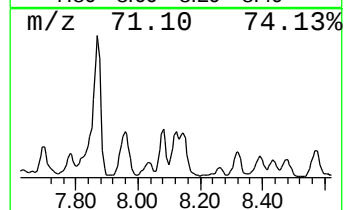
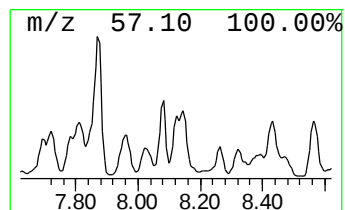
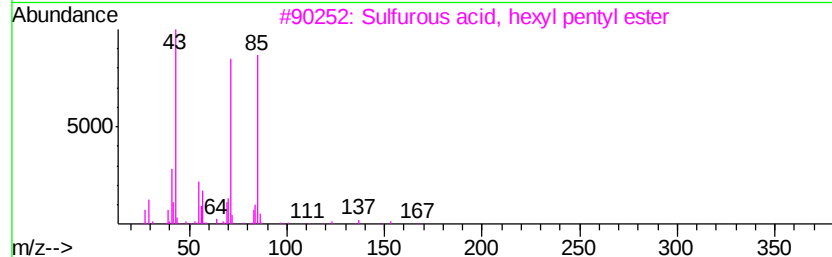
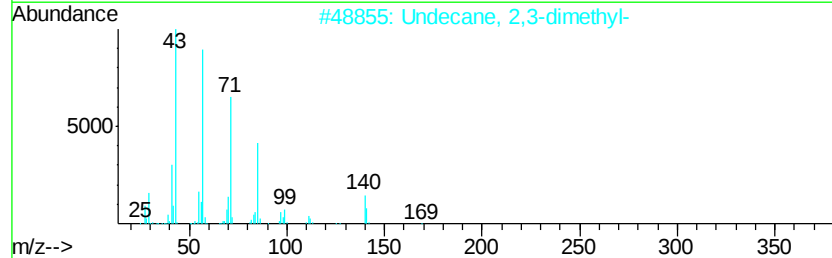
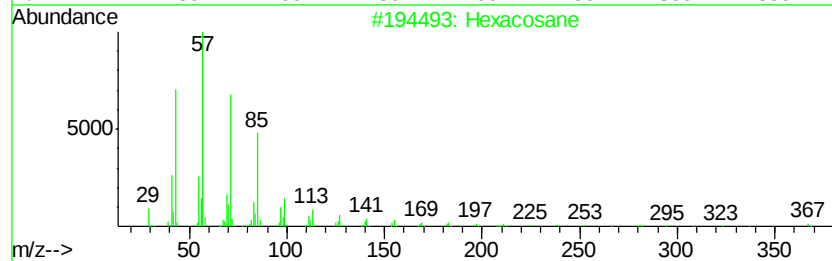
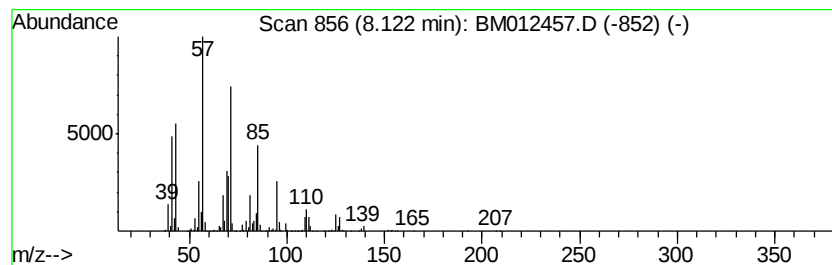
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	6.03 ng/ul	7428440	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	64
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	59
3			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	58
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
5			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	50



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

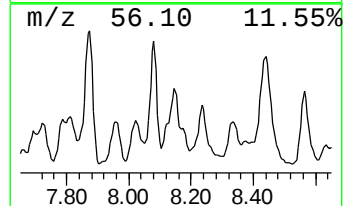
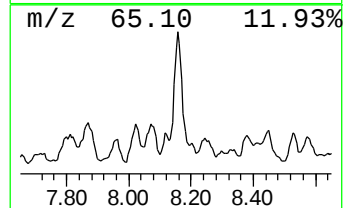
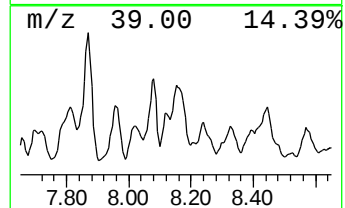
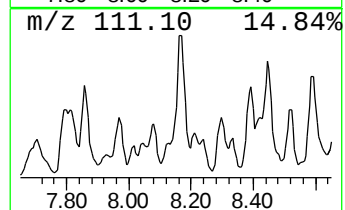
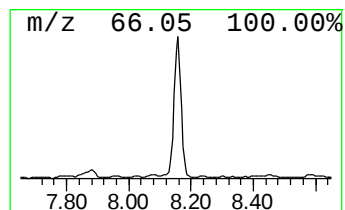
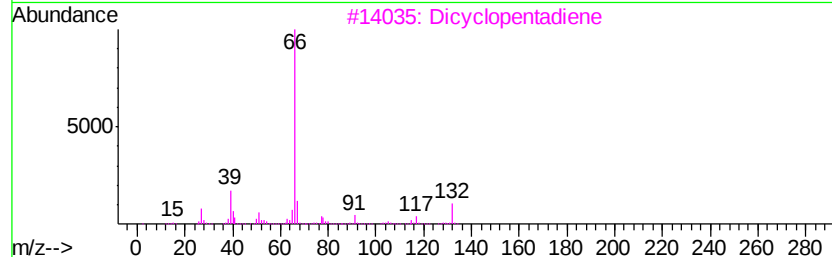
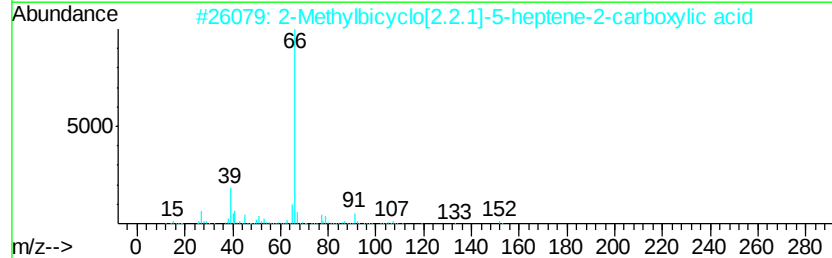
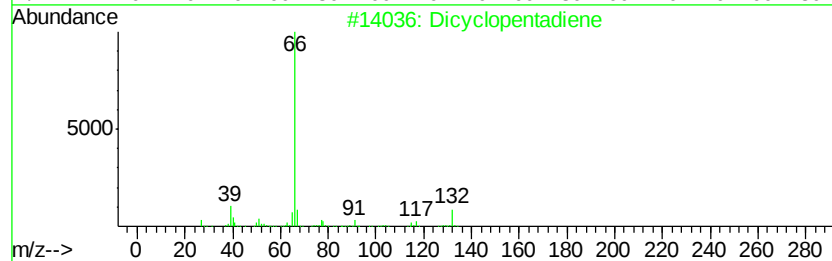
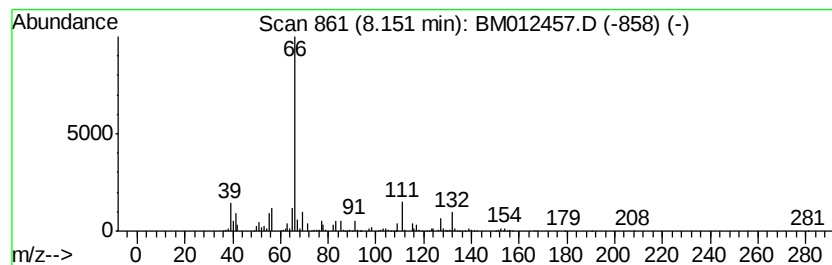
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Dicyclopentadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	11.63 ng/ul	14316900	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dicvclopentadiene	132	C10H12	000077-73-6	83
2		2-Methylbicyclo[2.2.1]-5-heptene...	152	C9H12O2	000825-03-6	80
3		Dicvclopentadiene	132	C10H12	000077-73-6	80
4		Dicvclopentadiene	132	C10H12	000077-73-6	80
5		Dicyclopentadiene	132	C10H12	000077-73-6	80



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

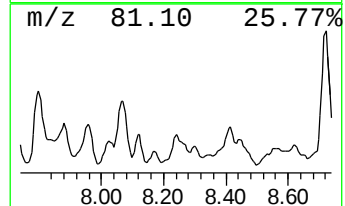
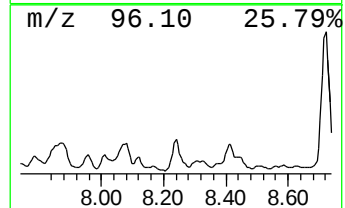
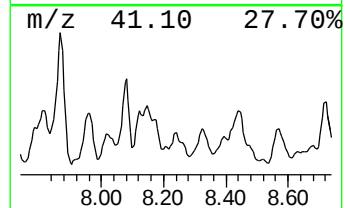
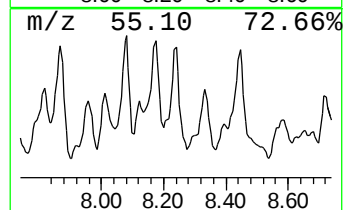
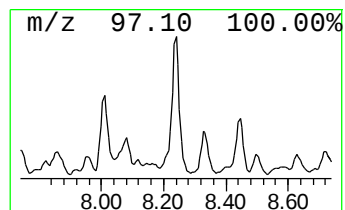
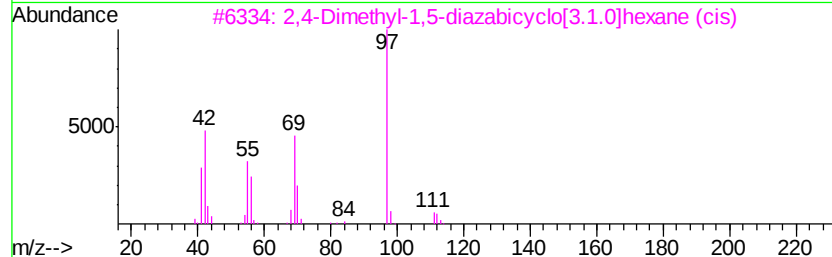
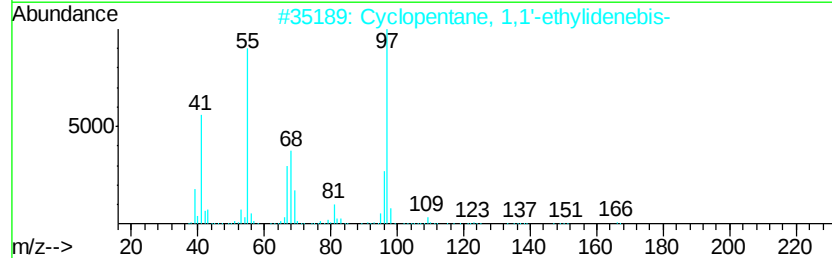
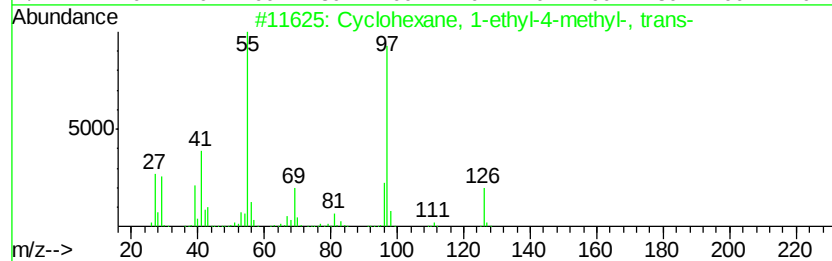
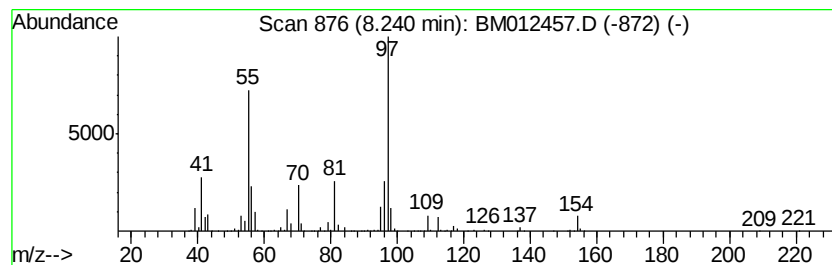
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Cyclic8.24 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	5.10 ng/ul	6272960	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
2			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	53
3			2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane	112	C6H12N2	100463-01-2	53
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53
5			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	50



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

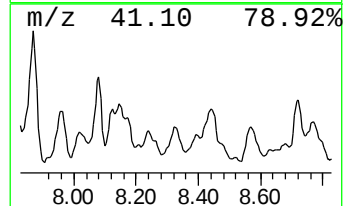
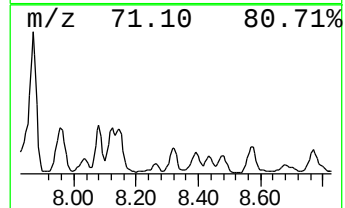
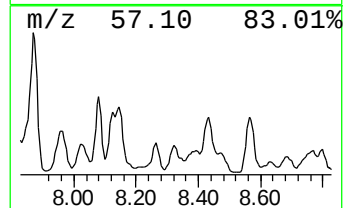
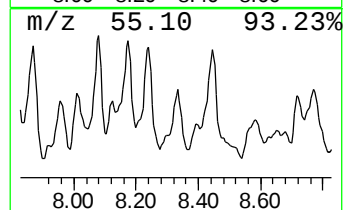
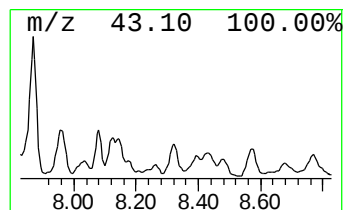
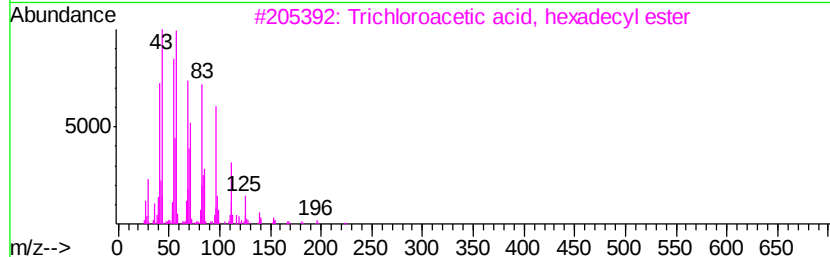
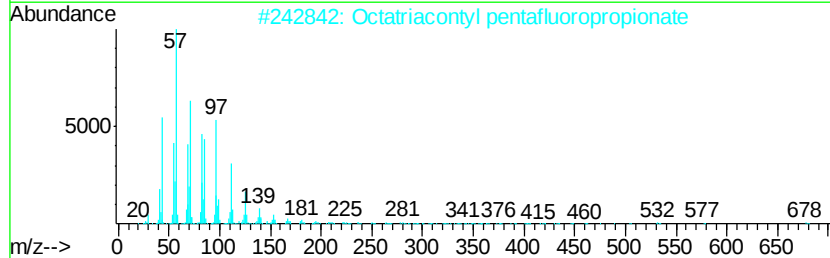
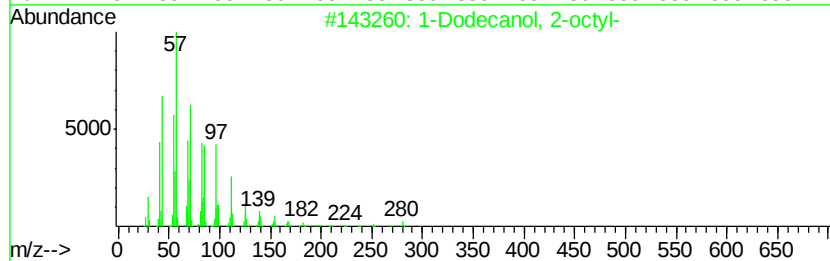
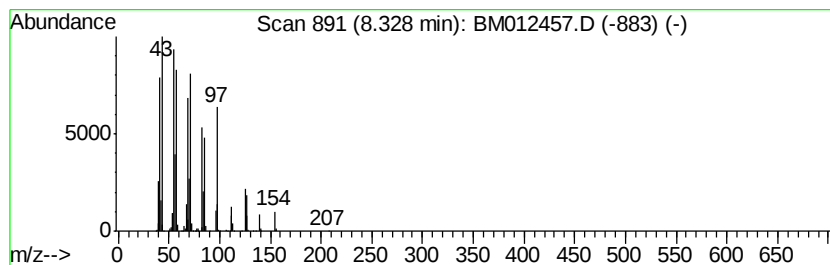
Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 1-Dodecanol, 2-octyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	4.85 ng/ul	5967020	1,4-Dichlorobenzene-d4	7.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Dodecanol, 2-octyl-	298 C20H42O	005333-42-6	90
2	Octatriacontyl pentafluoropropio...	697 C41H77F5O2	1000351-89-1	80
3	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	52
4	1-Nonadecene	266 C19H38	018435-45-5	49
5	1-Hexadecanol	242 C16H34O	036653-82-4	43



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

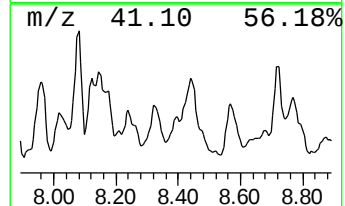
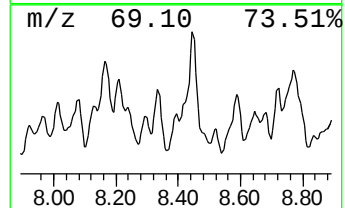
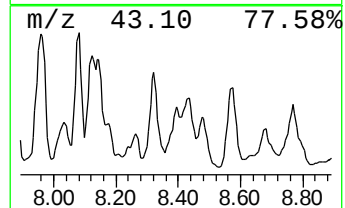
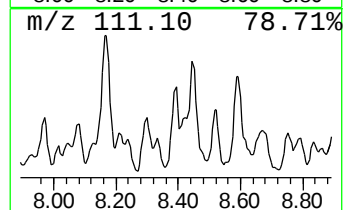
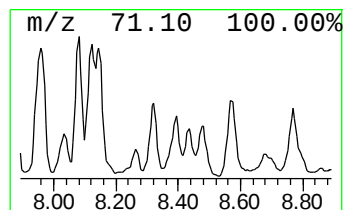
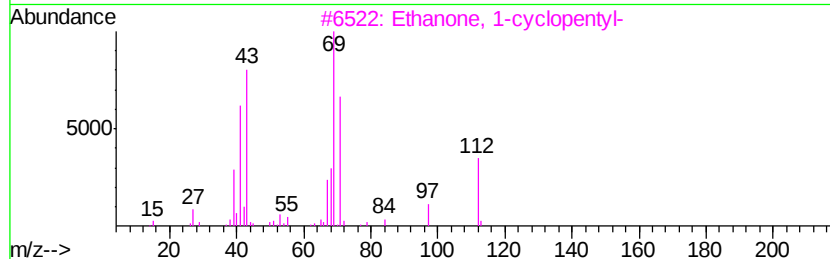
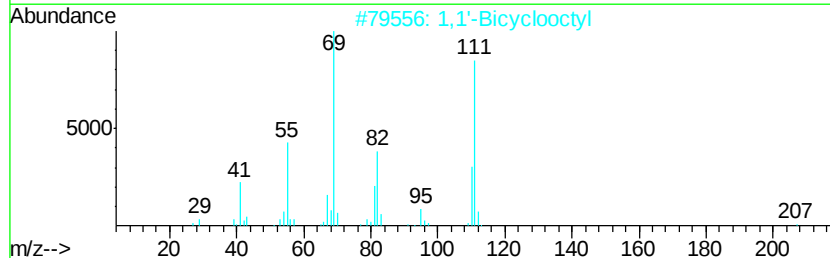
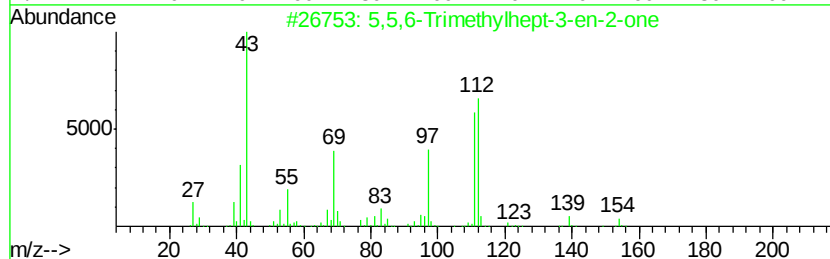
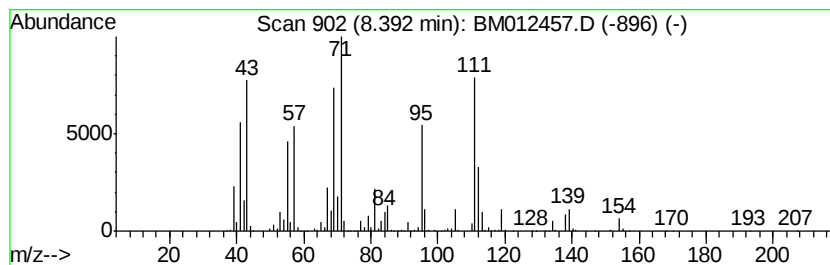
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	3.78 ng/ul	4647790	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5,6-Trimethylhept-3-en-2-one	154	C10H18O	1000190-99-6	43		
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	38		
3	Ethanone, 1-cvclopentyl-	112	C7H12O	006004-60-0	27		
4	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	14		
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	14		



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

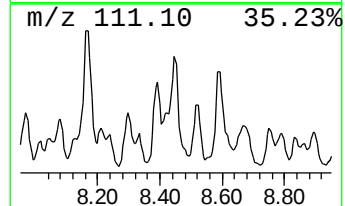
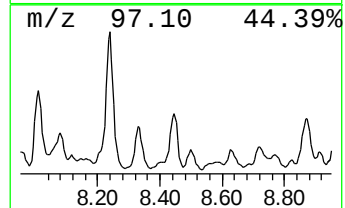
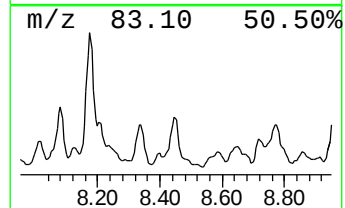
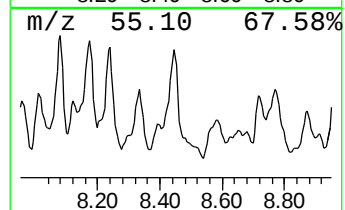
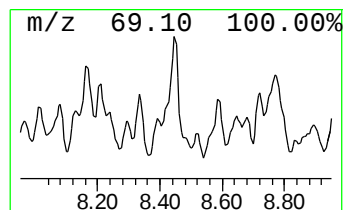
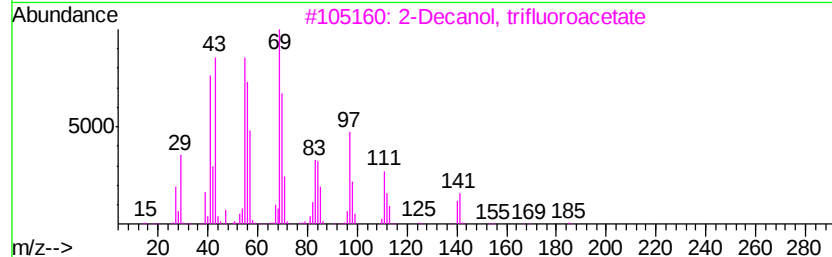
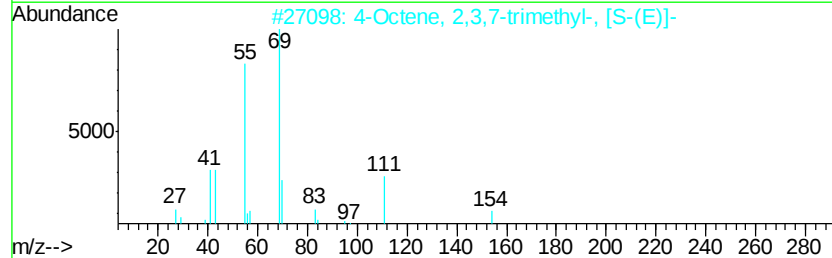
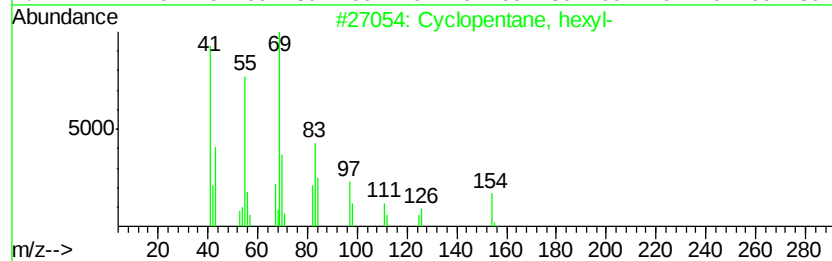
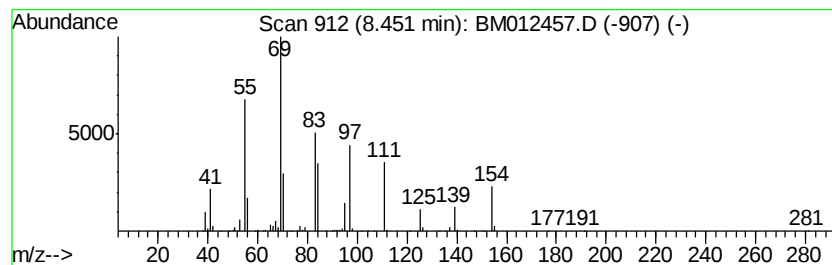
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	8.99 ng/ul	11063200	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	64
2		4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	43
3		2-Decanol, trifluoroacetate	254	C12H21F3O2	1000352-32-8	40
4		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	38
5		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	27



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

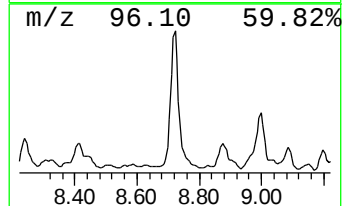
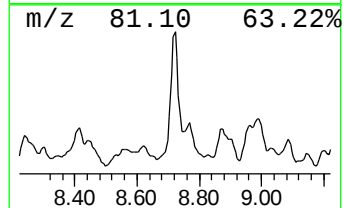
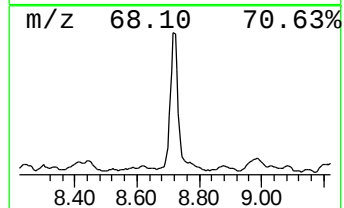
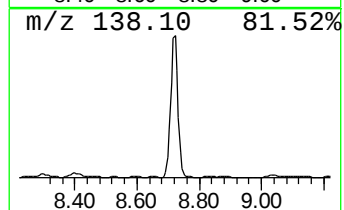
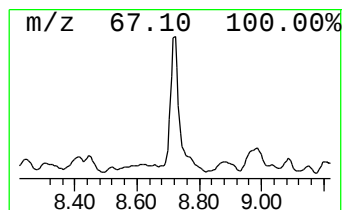
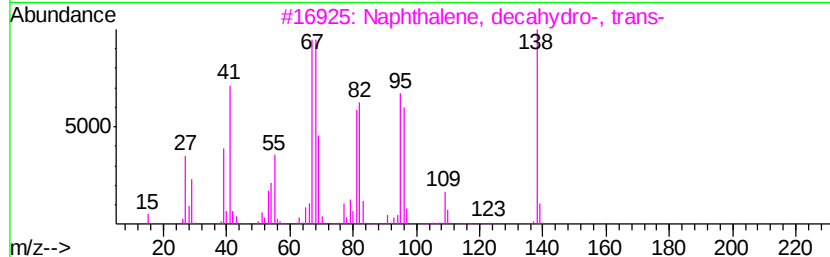
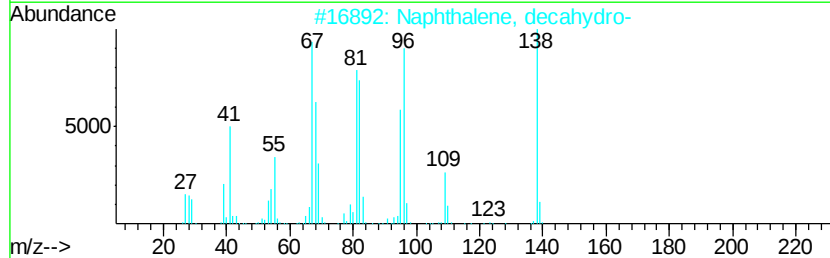
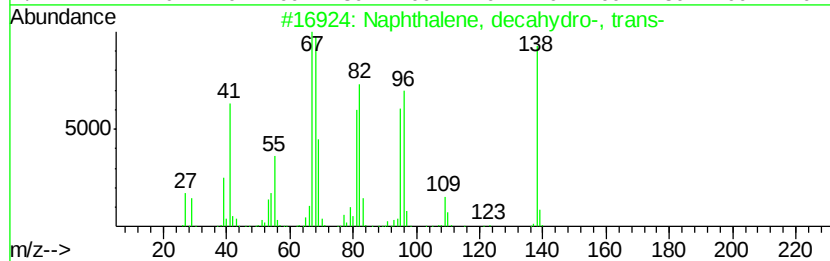
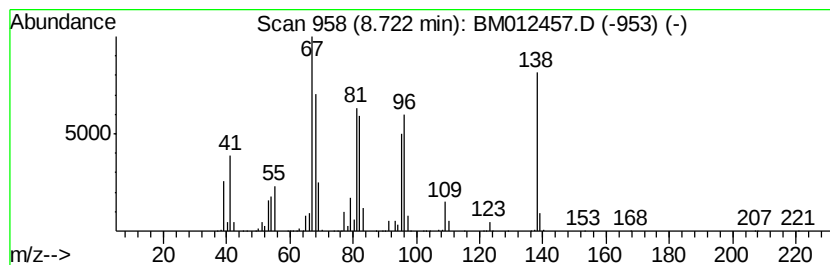
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Naphthalene, decahydro-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	9.29 ng/ul	11435900	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	97
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

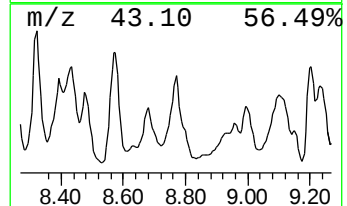
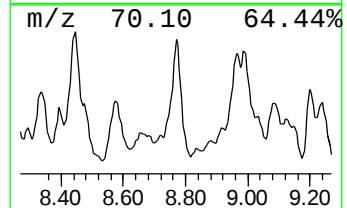
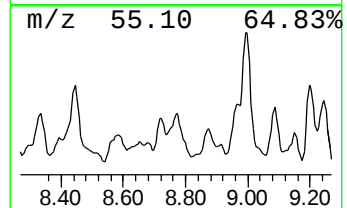
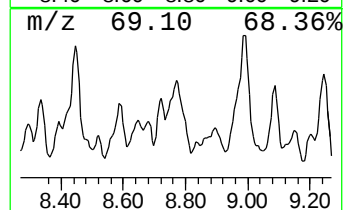
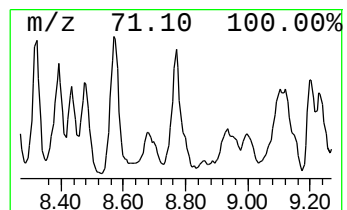
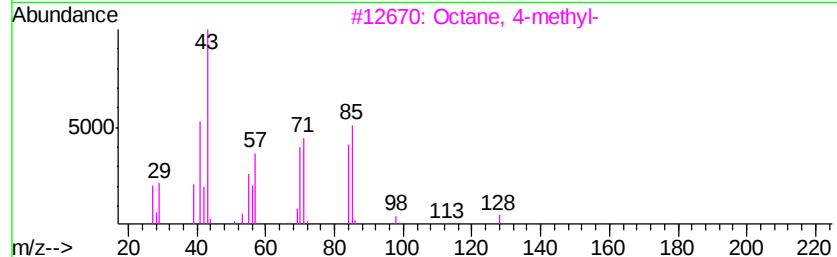
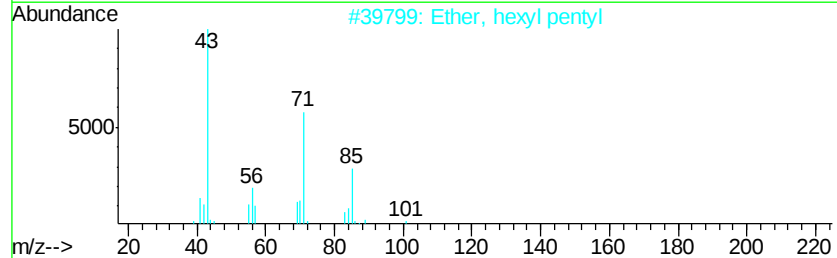
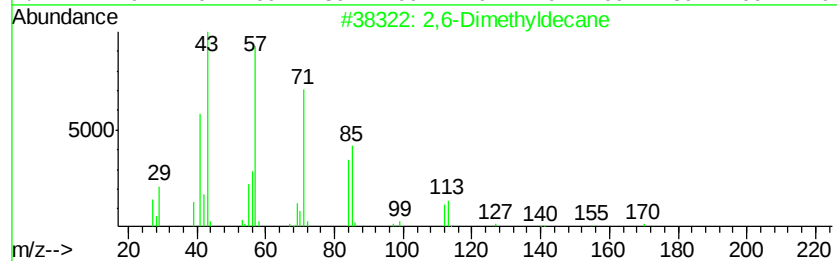
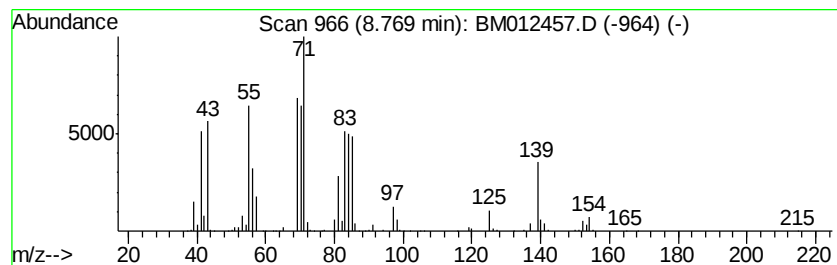
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	6.05 ng/ul	7444490	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethyldecane	170	C12H26	013150-81-7	47
2			Ether, hexyl pentyl	172	C11H24O	032357-83-8	47
3			Octane, 4-methyl-	128	C9H20	002216-34-4	43
4			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	43
5			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	38



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

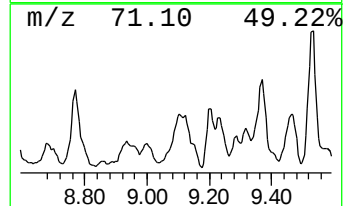
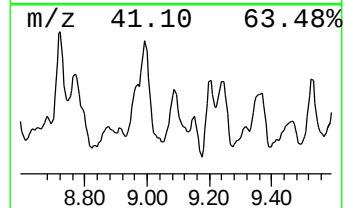
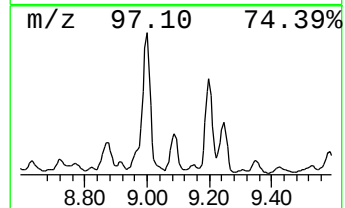
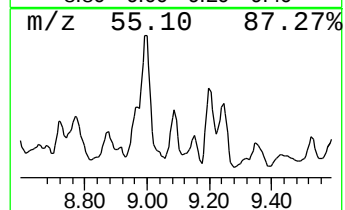
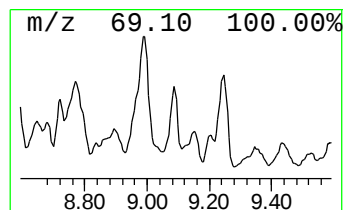
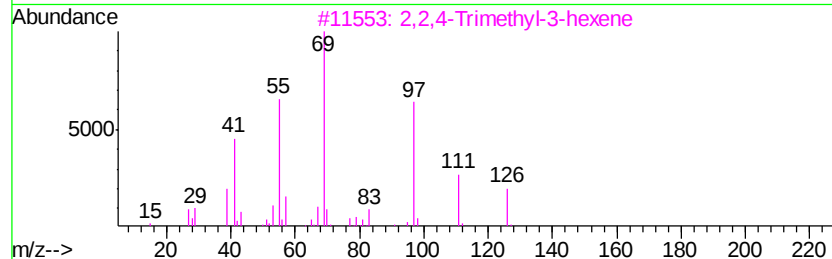
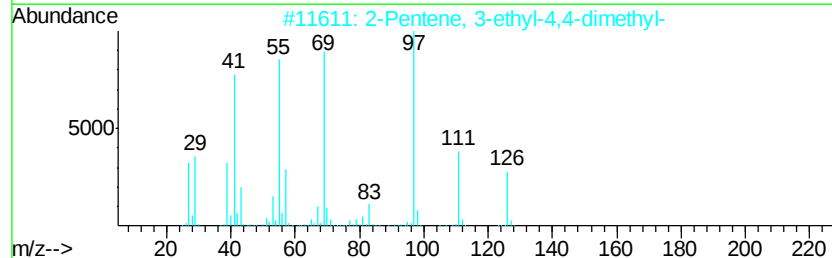
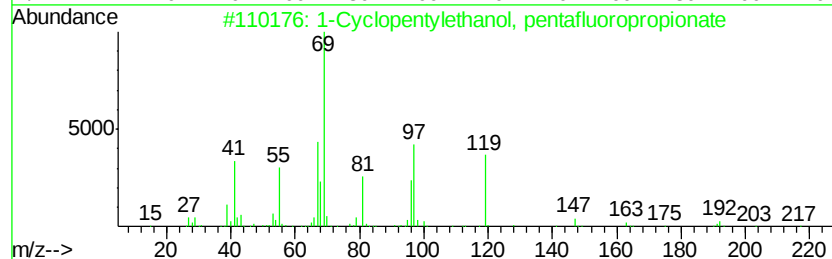
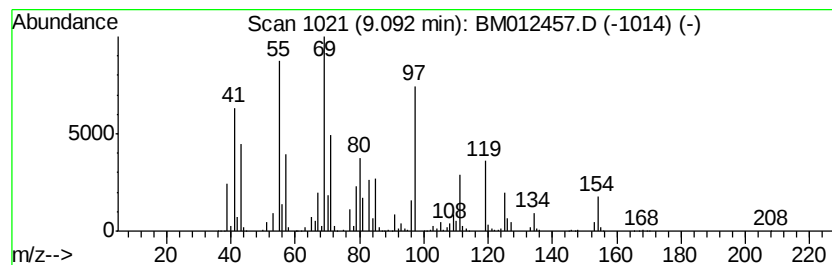
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	4.93 ng/ul	6072580	1,4-Dichlorobenzene-d4	7.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Cyclopentylethanol, pentafluor...	260	C10H13F5O2	1000364-12-0	43
2			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
3			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	38
4			Triallylsilane	152	C9H16Si	001116-62-7	30
5			4-Hexen-2-one, 3,3-diethyl-4,5-d...	182	C12H22O	1000149-30-4	27



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

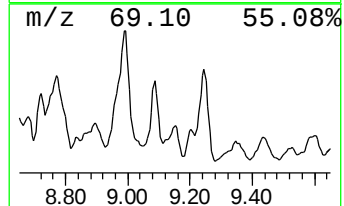
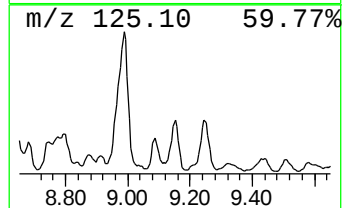
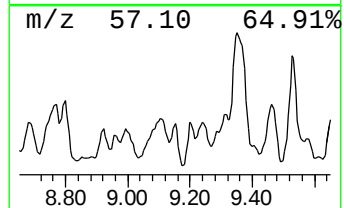
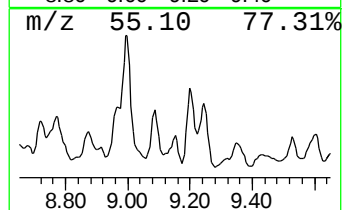
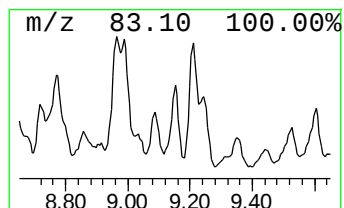
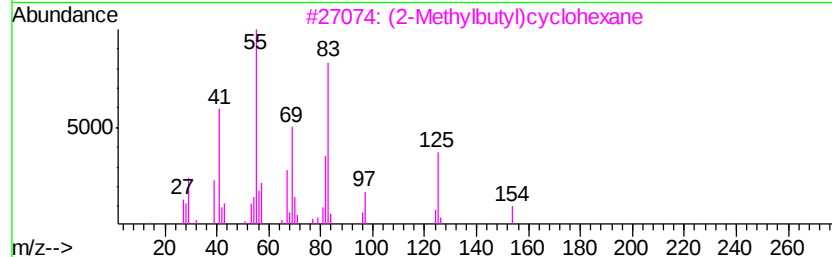
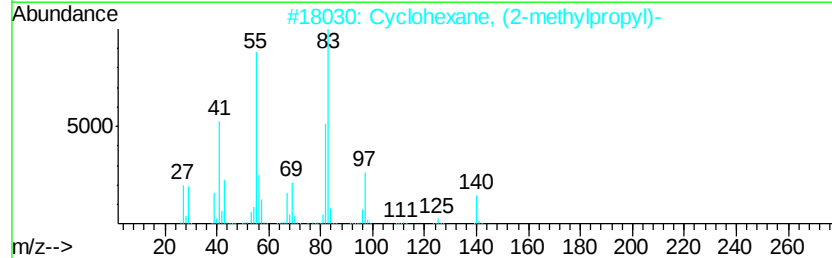
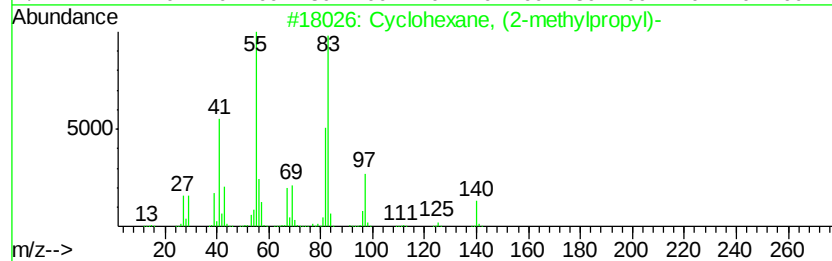
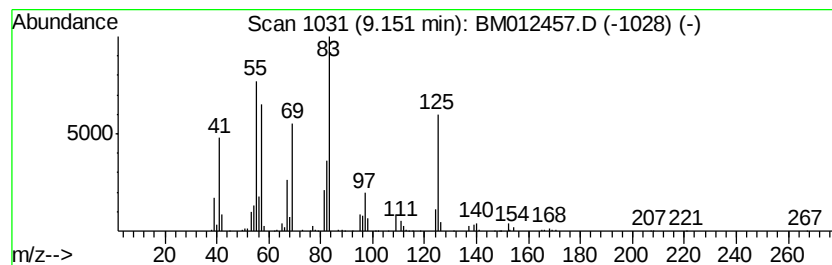
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Cyclic9.15 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.45 ng/ul	3016500	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
3		(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	50
4		Trichloroacetic acid, 6-chlorohe...	280	C8H12Cl4O2	1000330-89-2	47
5		2-Bromopropionic acid, cyclohexy...	234	C9H15BrO2	015151-89-0	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

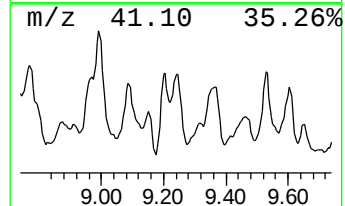
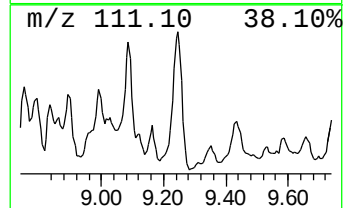
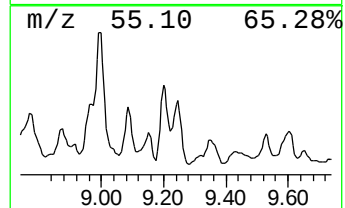
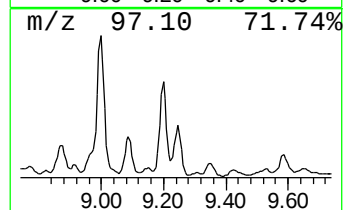
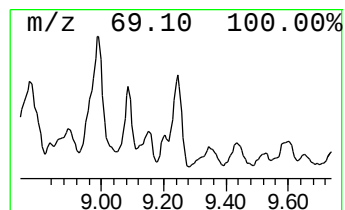
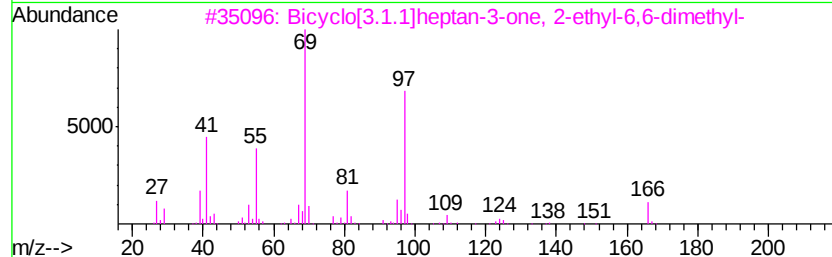
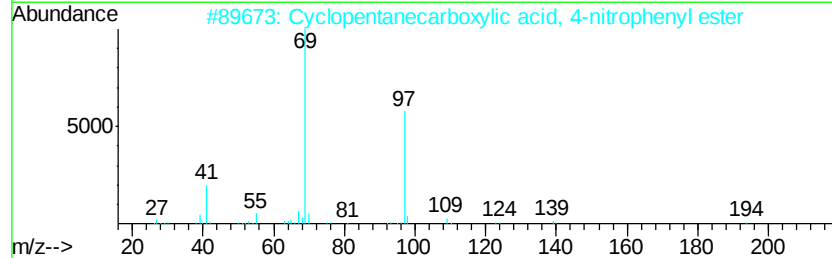
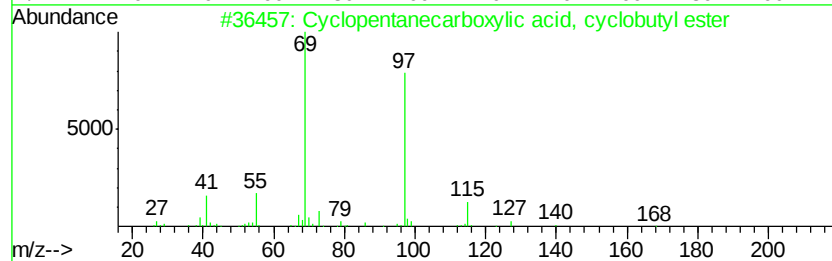
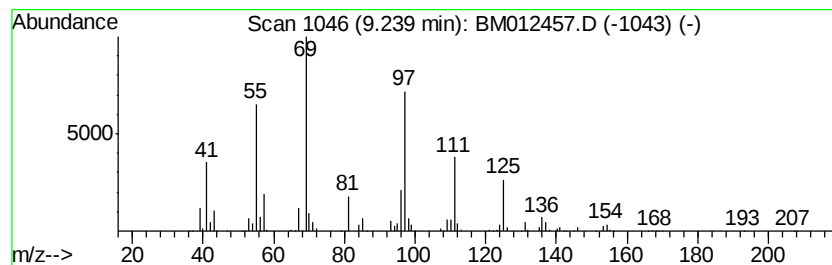
Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 unknown-05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.24	6.06 ng/ul	7454740	1,4-Dichlorobenzene-d4	7.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, cyclobutyl ester	168	C10H16O2	1000282-76-8	46
2	Cyclopentanecarboxylic acid, 4-nitrophenyl ester	235	C12H13NO4	1000307-58-0	43
3	Bicyclo[3.1.1]heptan-3-one, 2-ethyl-6,6-dimethyl-	166	C11H18O	1000163-95-8	43
4	Cyclohexane, 1-ethyl-1,3-dimethyl-	140	C10H20	062238-29-3	43
5	Cyclooctanemethanol	142	C9H18O	003637-63-6	43



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

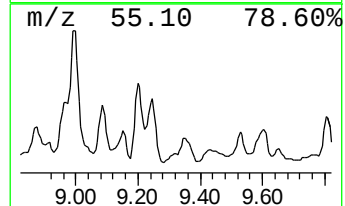
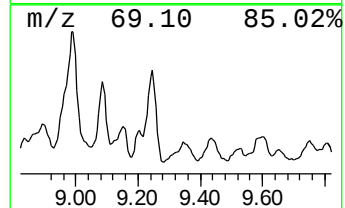
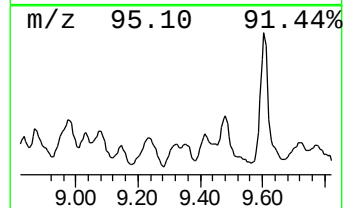
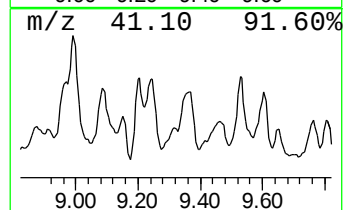
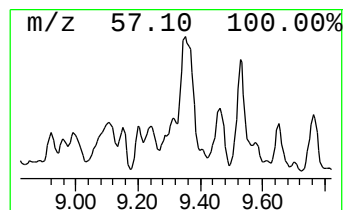
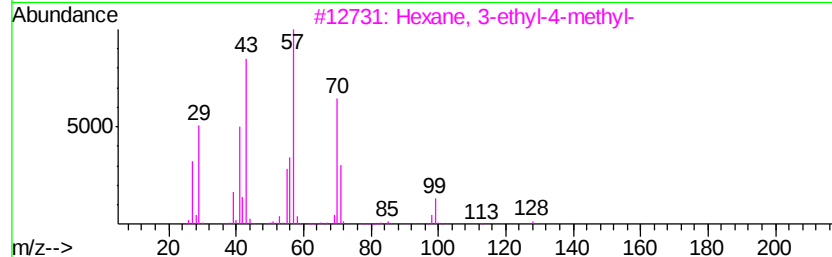
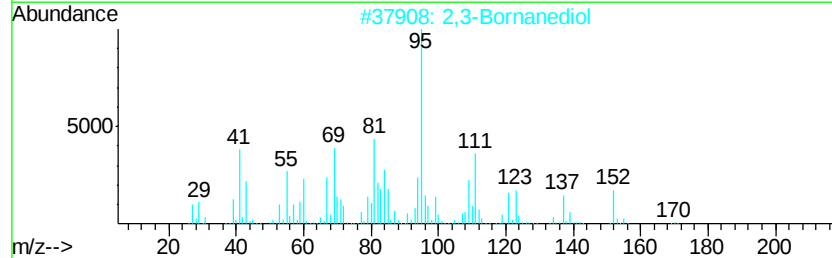
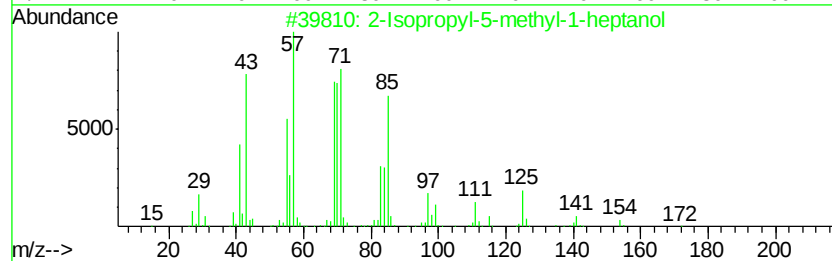
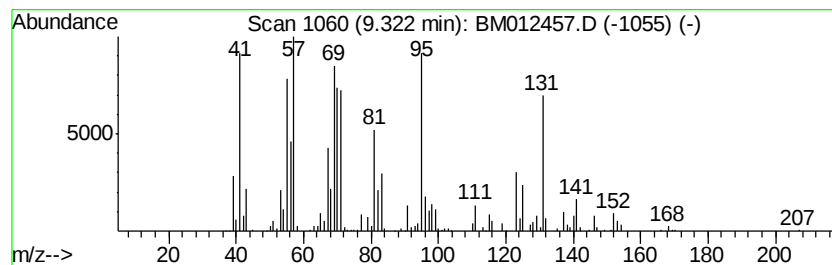
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-06 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.78 ng/ul	1105580	Napthalene-d8	10.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	35		
2	2,3-Bornanediol	170	C10H18O2	025696-56-4	22		
3	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	18		
4	Methyl-(9-oxa-bicyclo[3.3.1]non-...	153	C9H15NO	063827-19-0	11		
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	11		



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

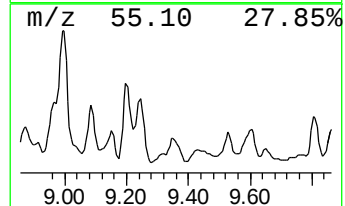
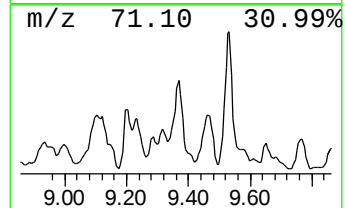
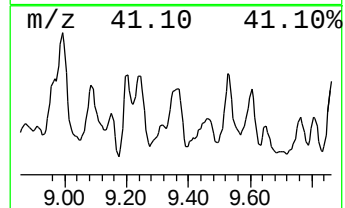
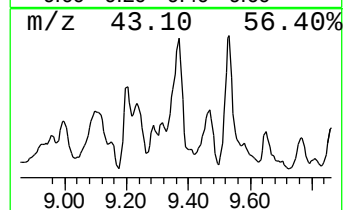
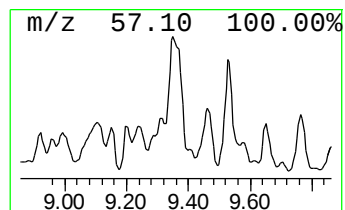
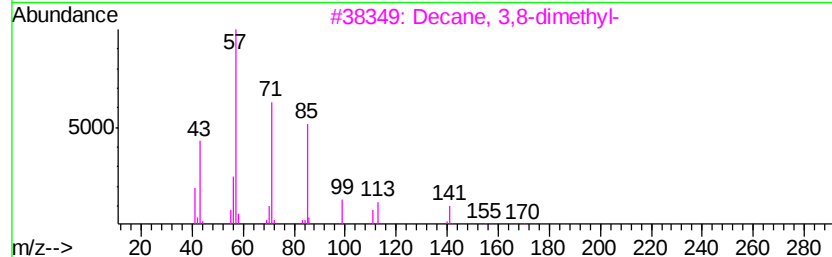
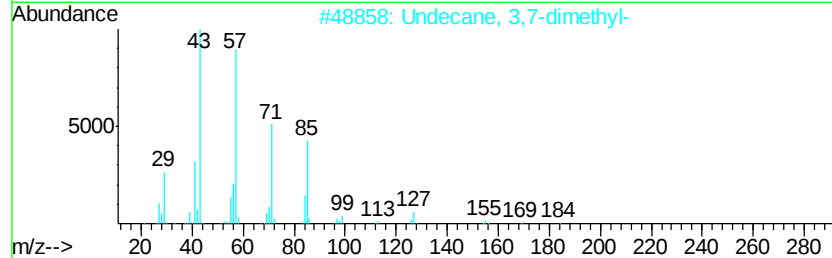
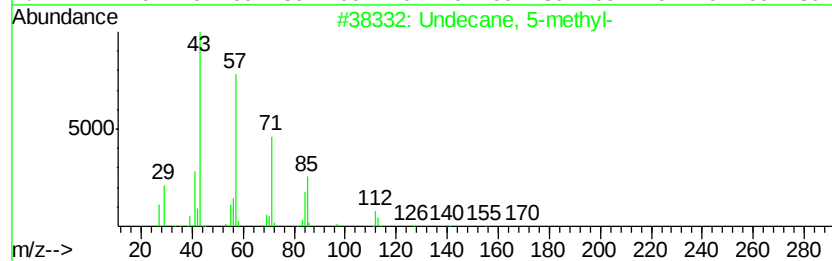
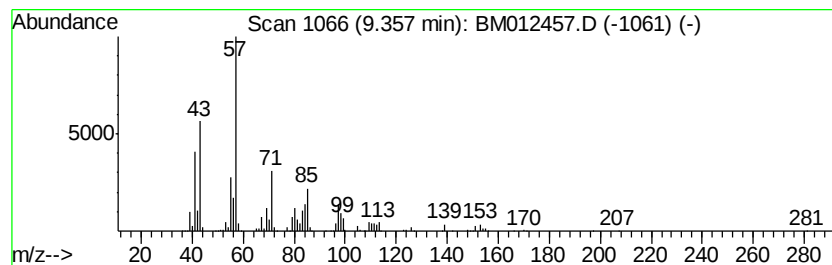
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	16.19 ng/ul	6450020	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	83
2		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
4		Octane, 4-methyl-	128	C9H20	002216-34-4	53
5		Octane, 4-methyl-	128	C9H20	002216-34-4	53



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

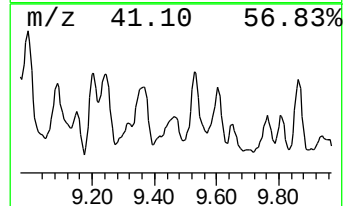
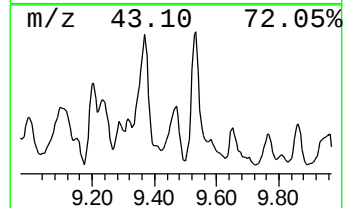
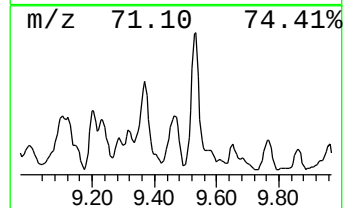
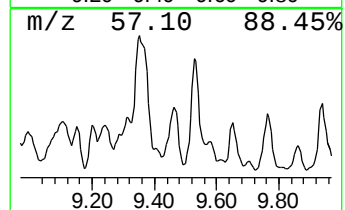
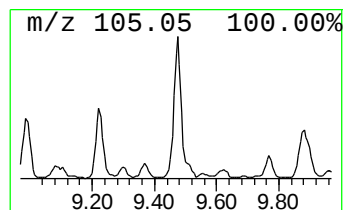
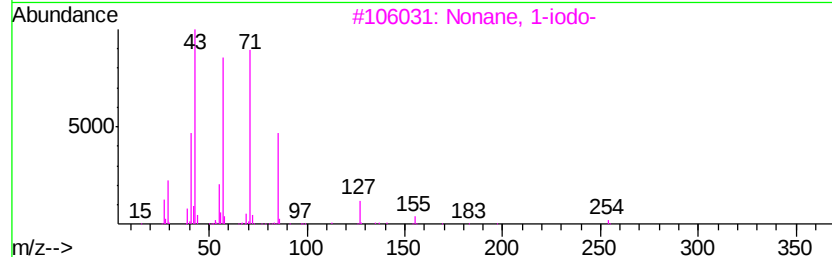
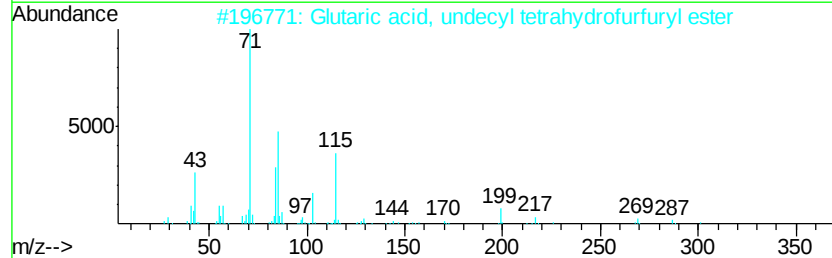
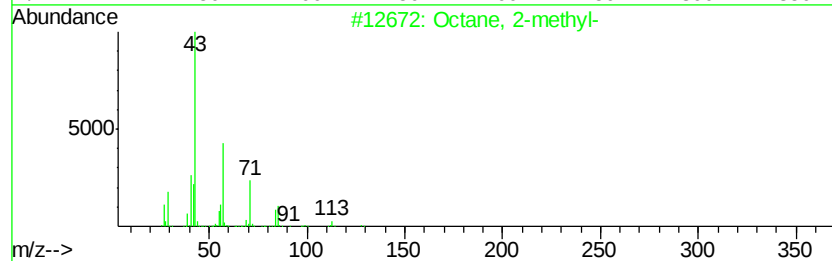
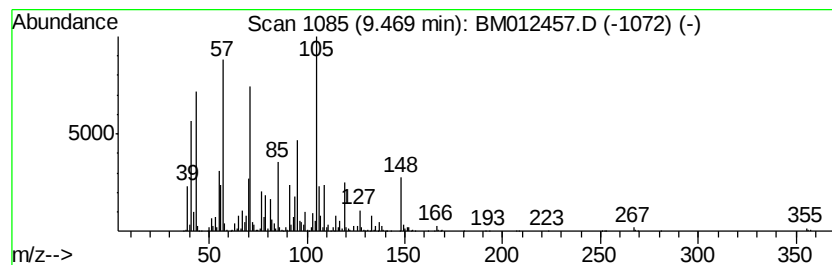
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	15.00 ng/ul	5974730	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	30
2		Glutaric acid, undecyl tetrahydr...	370	C21H38O5	1000359-66-7	27
3		Nonane, 1-iodo-	254	C9H19I	004282-42-2	27
4		3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	27
5		1-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	27



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

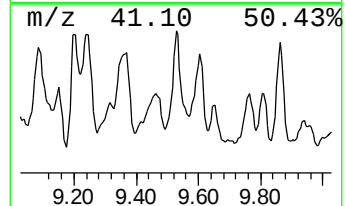
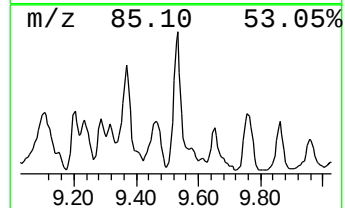
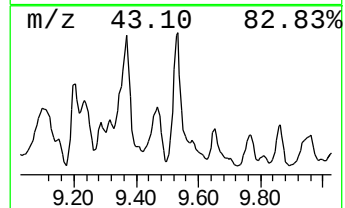
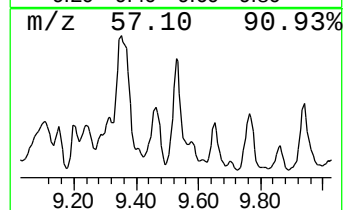
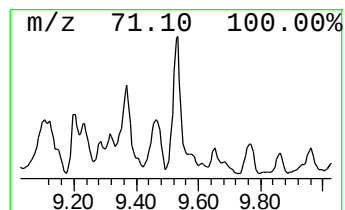
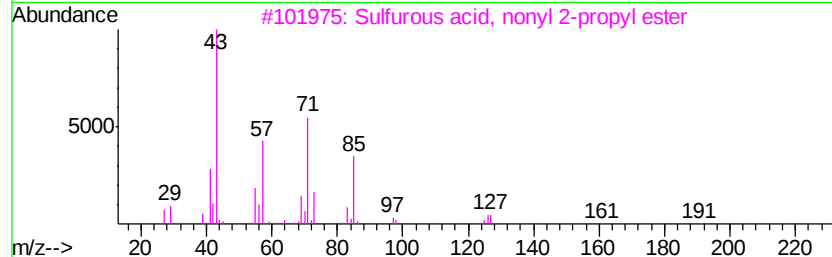
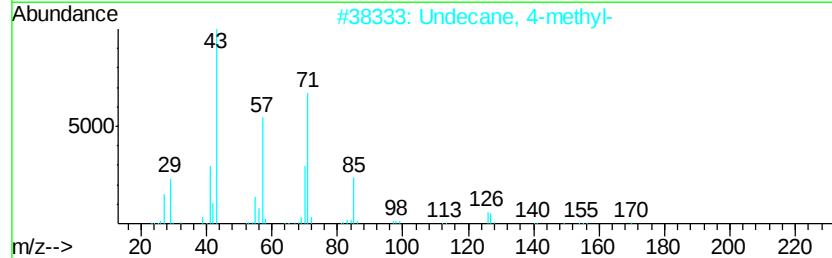
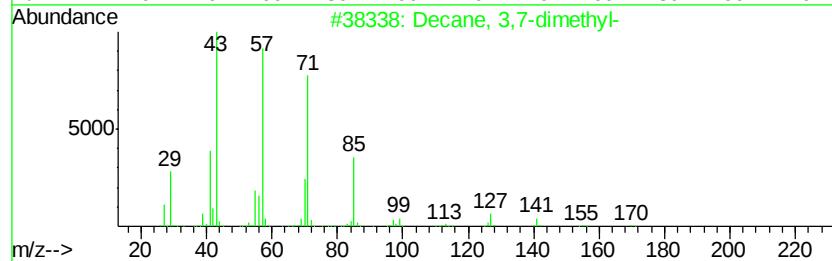
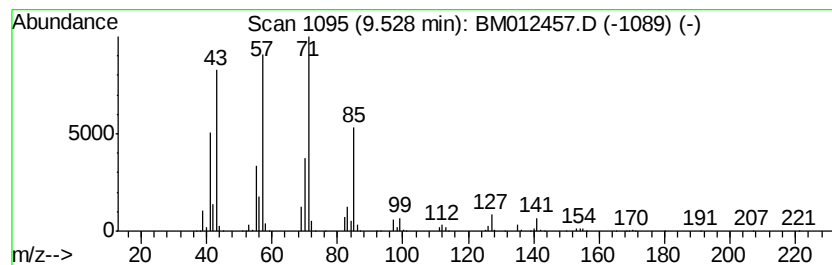
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	20.90 ng/ul	8323930	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	90
2		Undecane, 4-methyl-	170	C12H26	002980-69-0	64
3		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	64
4		Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	59
5		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

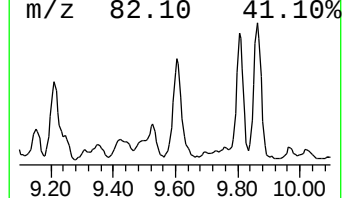
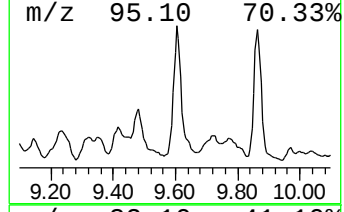
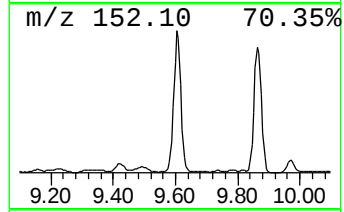
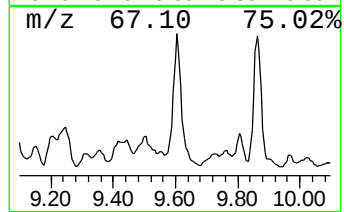
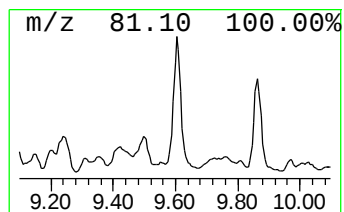
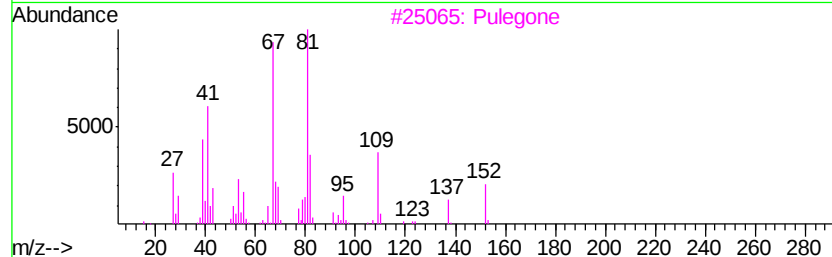
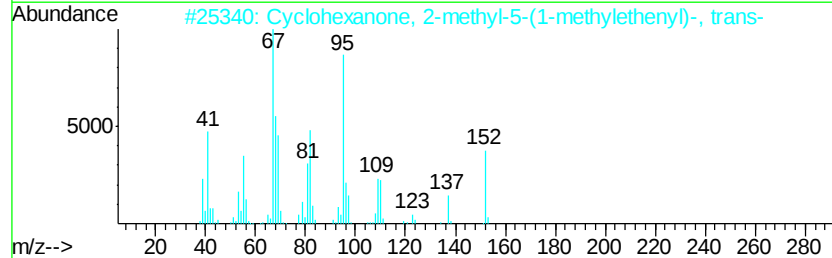
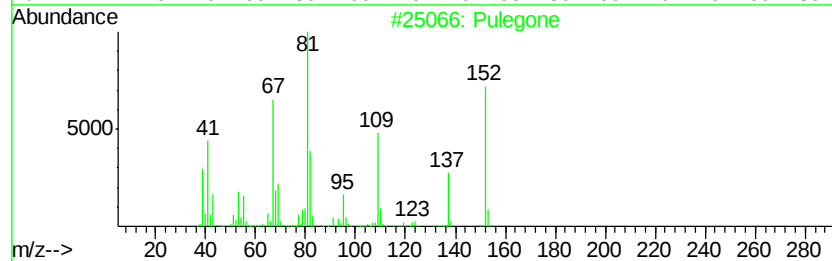
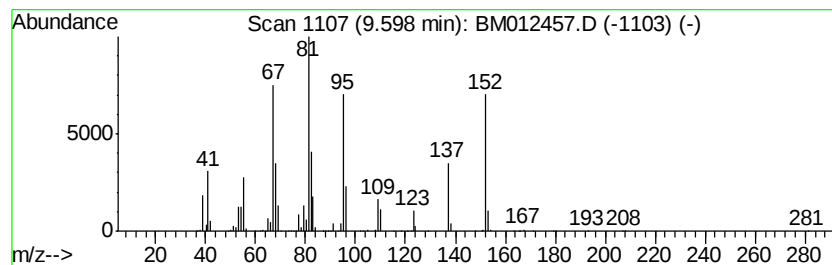
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 Pulegone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	18.26 ng/ul	7276040	Naphthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pulegone	152	C10H16O	000089-82-7	81
2		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	68
3		Pulegone	152	C10H16O	000089-82-7	68
4		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	62
5		Pulegone	152	C10H16O	000089-82-7	58



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

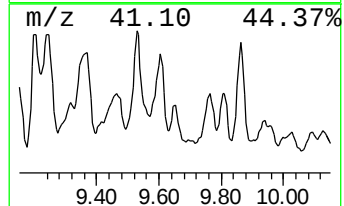
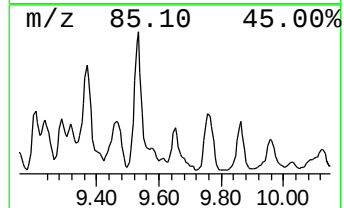
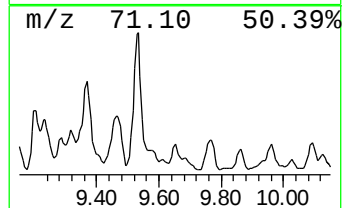
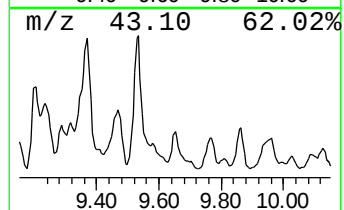
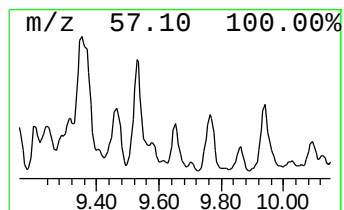
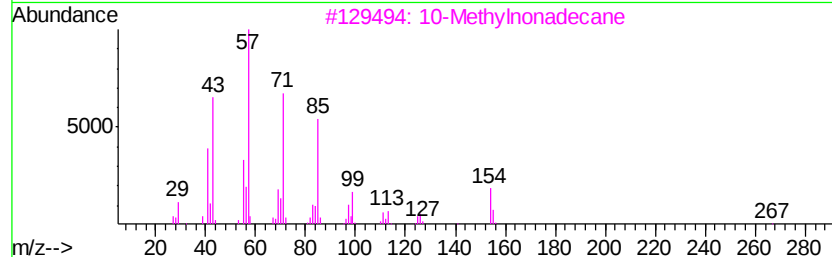
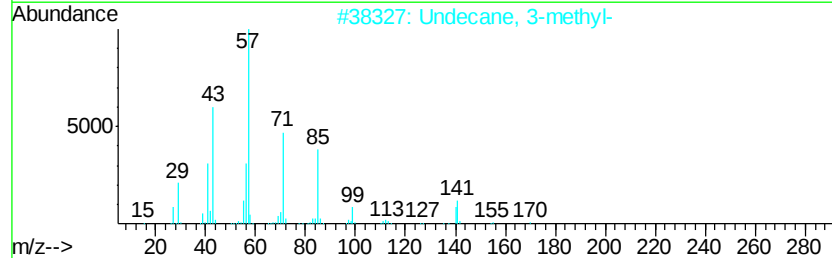
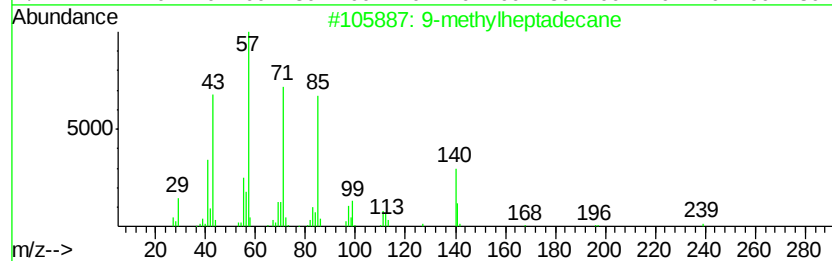
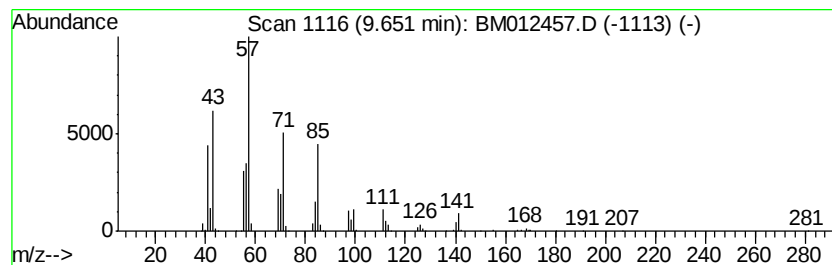
Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.65	2.95 ng/ul	1175350	Naphthalene-d8	10.67	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	72
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3	10-Methylnonadecane	282	C20H42	056862-62-5	64
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

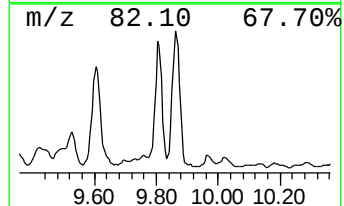
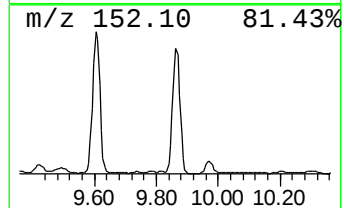
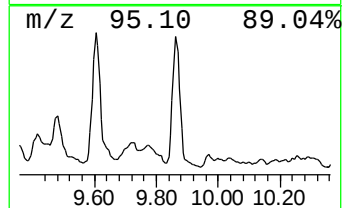
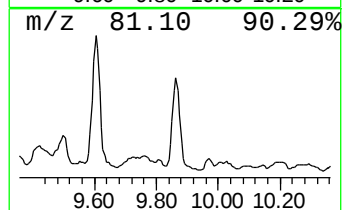
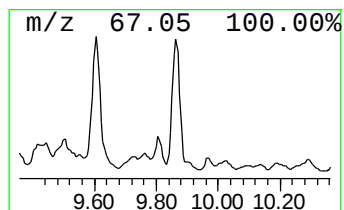
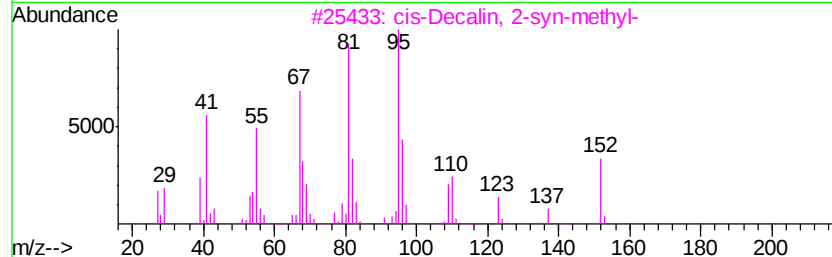
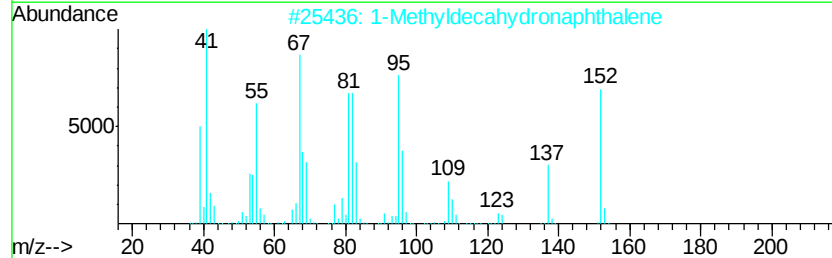
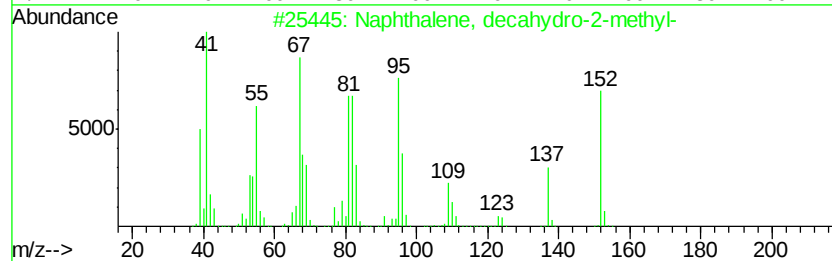
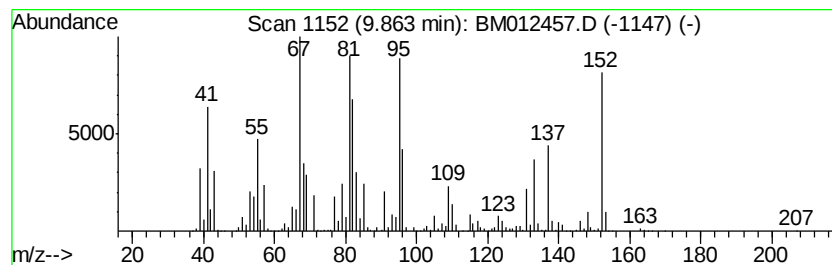
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	25.35 ng/ul	10100500	Naphthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

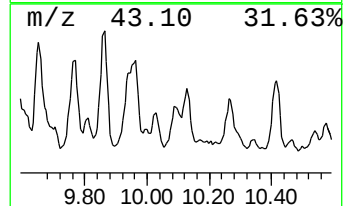
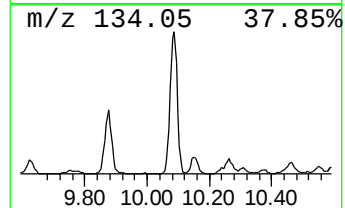
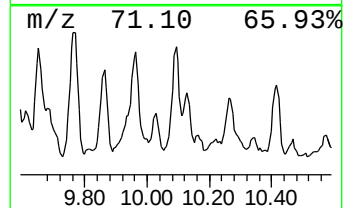
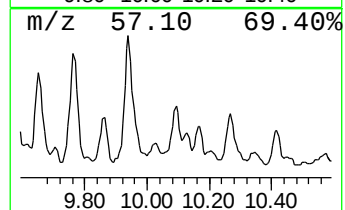
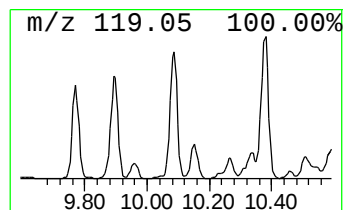
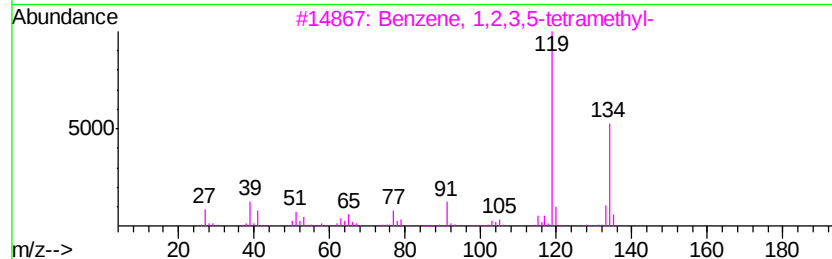
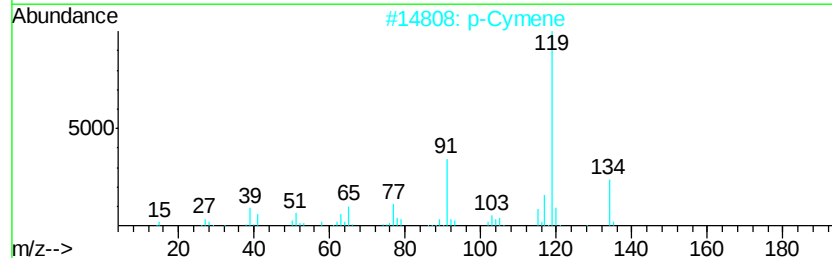
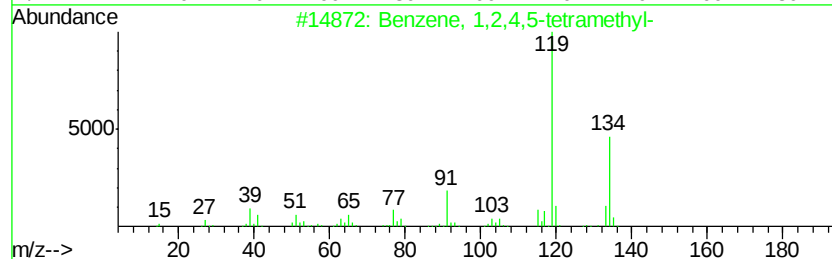
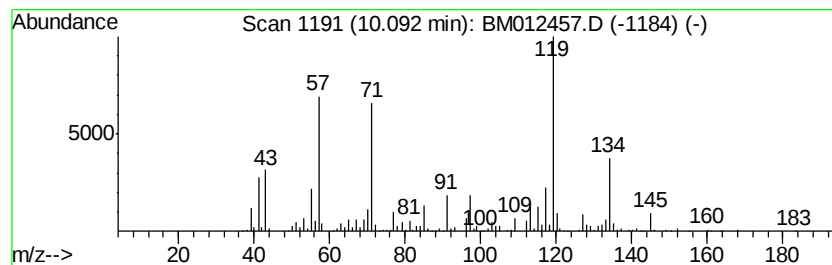
Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 42 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	6.00 ng/ul	2391110	Naphthalene-d8	10.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2	55
2	p-Cymene	134 C10H14	000099-87-6	55
3	Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7	55
4	o-Cymene	134 C10H14	000527-84-4	55
5	p-Cymene	134 C10H14	000099-87-6	55



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

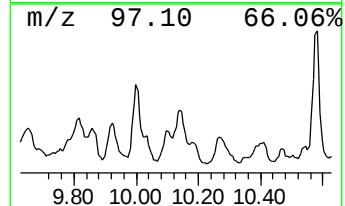
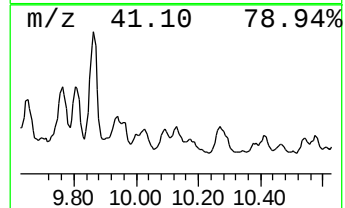
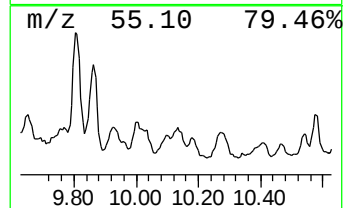
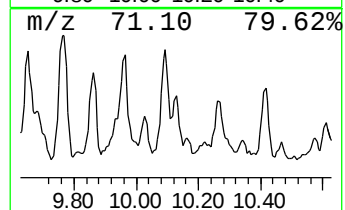
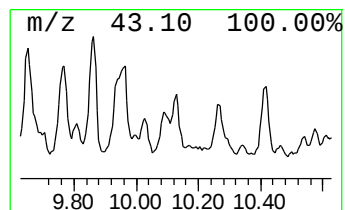
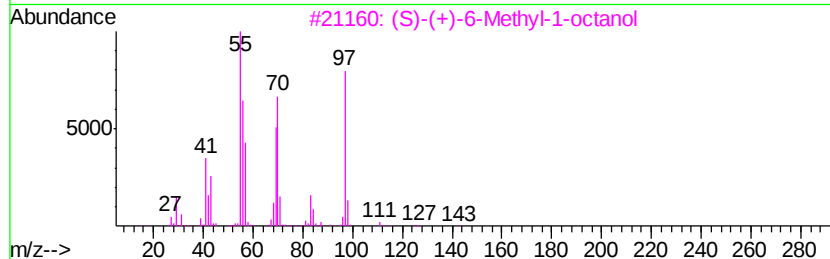
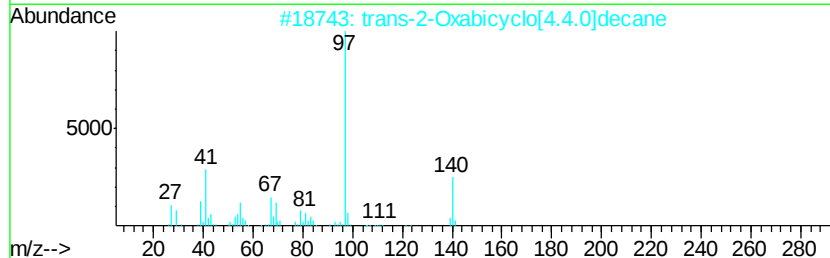
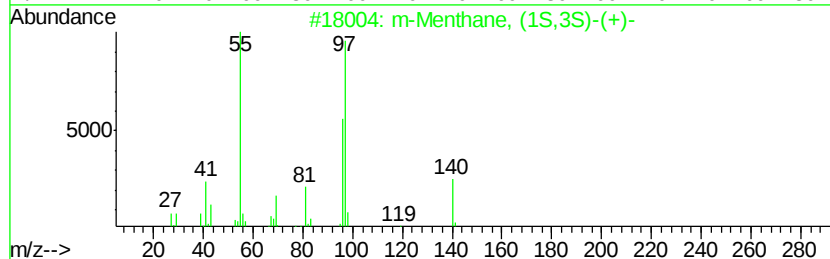
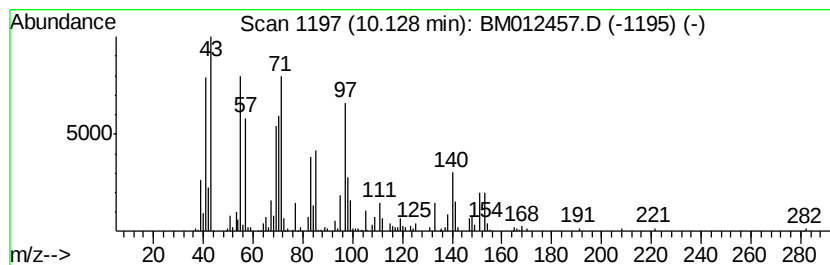
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 43 unknown-07 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.40 ng/ul	957133	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38
2		trans-2-Oxabicyclo[4.4.0]decane	140	C9H16O	059958-46-2	35
3		(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	35
4		Pyrrolidine, 2,5-bis(imino)-	97	C4H7N3	000503-84-4	35
5		Methyl-3,5-O-furylidene.alpha.d-...	242	C11H14O6	1000312-10-7	35



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

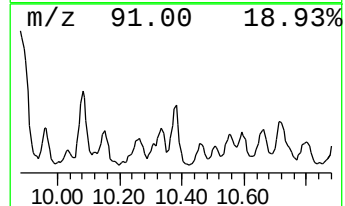
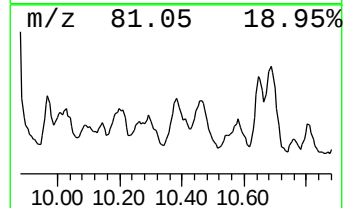
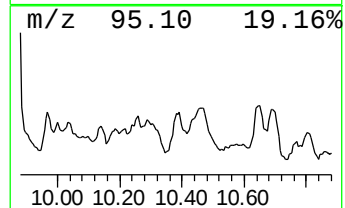
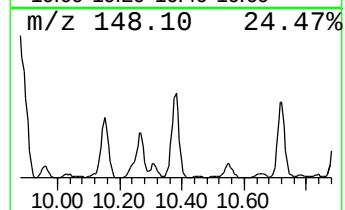
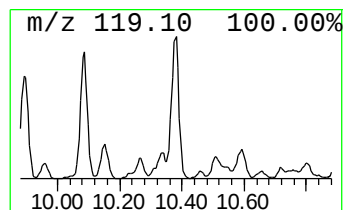
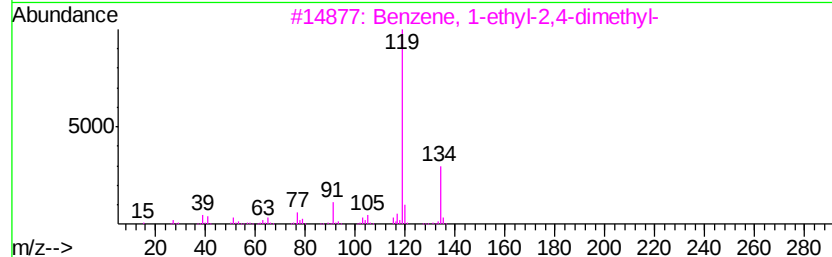
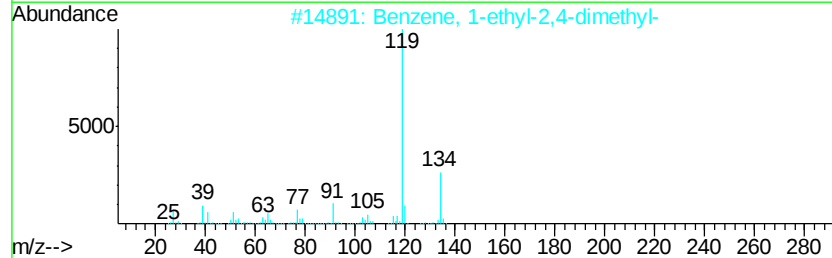
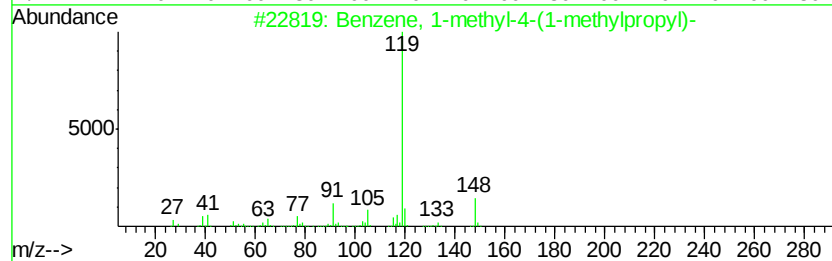
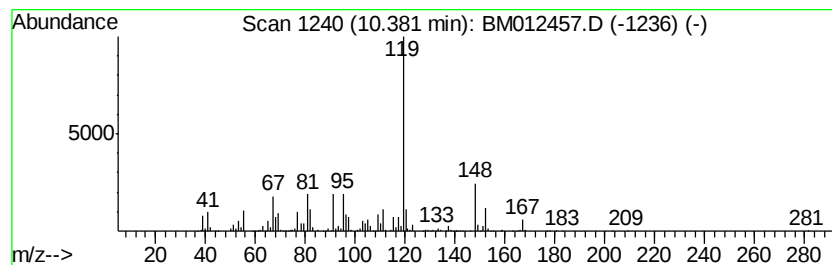
Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 Benzene, 1-methyl-4-(1-meth... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.91 ng/ul	1159670	Napthalene-d8	10.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0	58
2	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	55
3	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	55
4	Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8	52
5	Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8	50



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

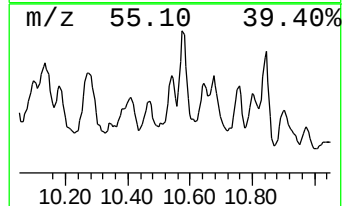
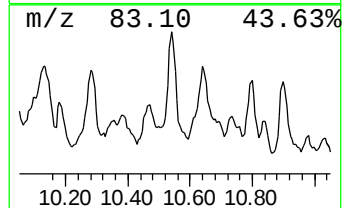
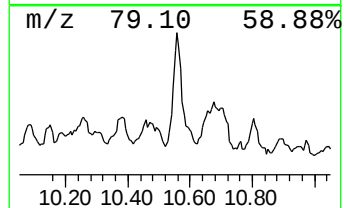
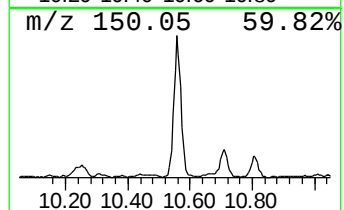
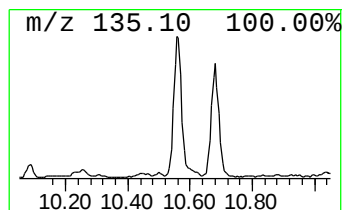
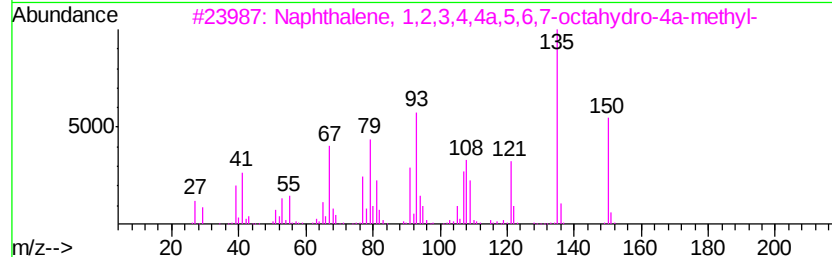
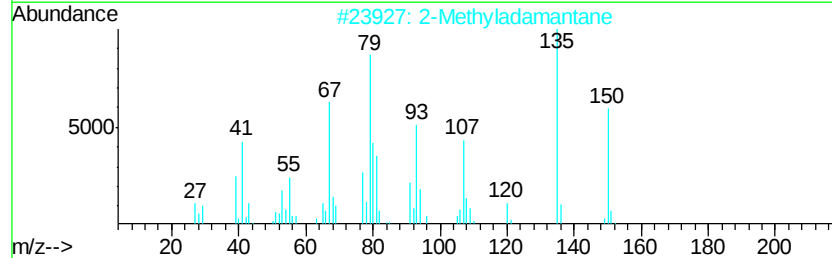
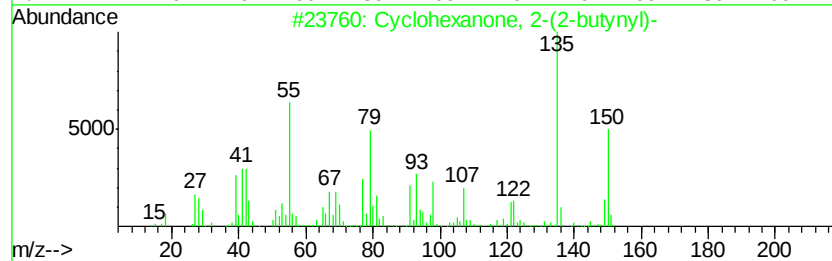
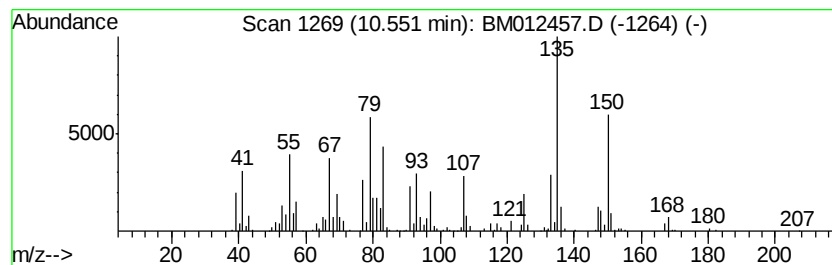
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 unknown-08 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.92 ng/ul	1164580	Naphthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-(2-butylnyl)-	150	C10H14O	054166-48-2	46
2		2-Methyladamantane	150	C11H18	000700-56-1	46
3		Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	43
4		2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	38
5		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	38



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

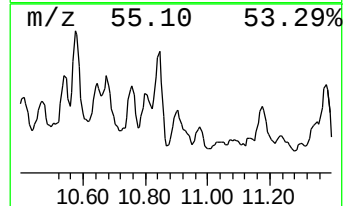
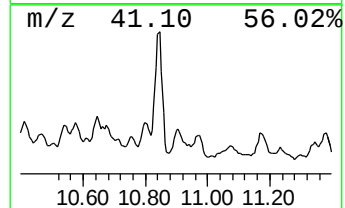
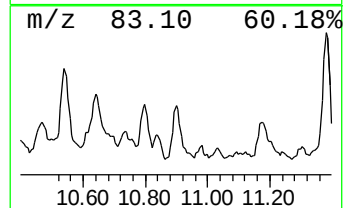
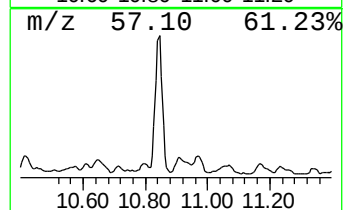
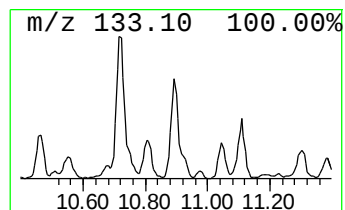
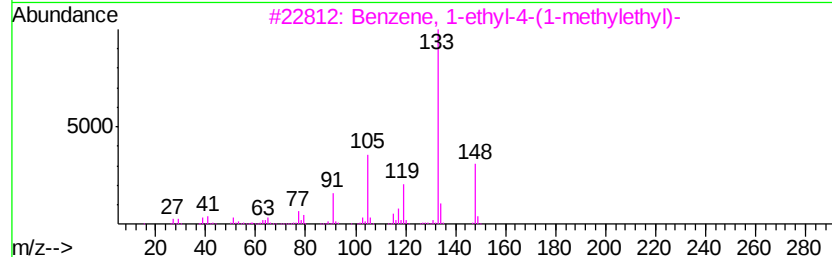
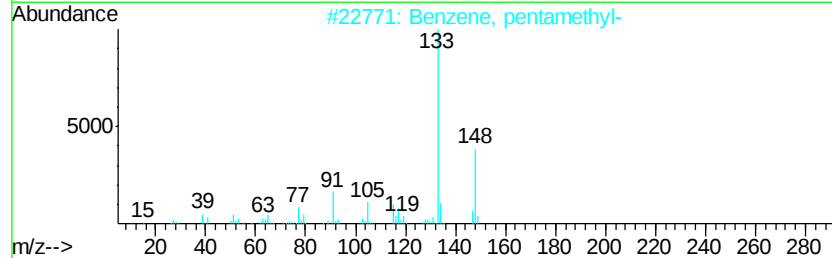
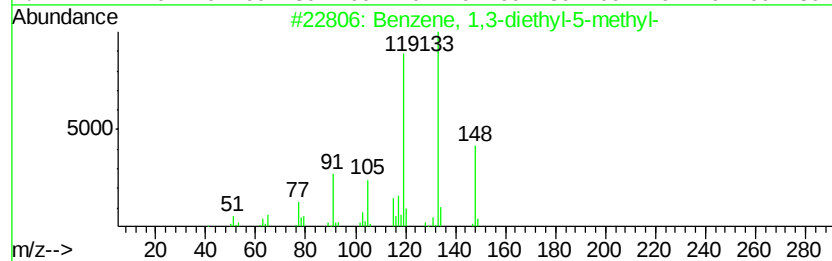
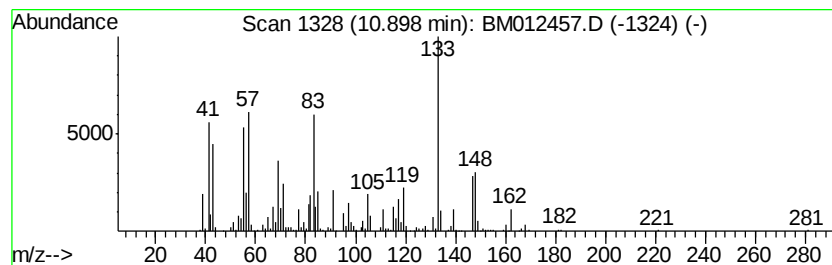
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.71 ng/ul	1479880	Naphthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	55
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	50



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

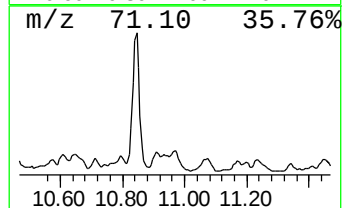
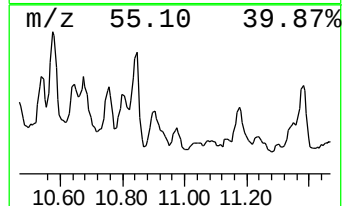
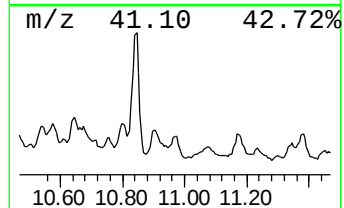
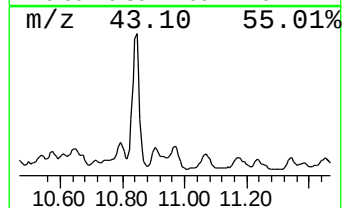
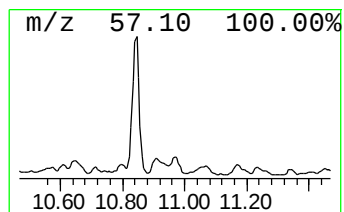
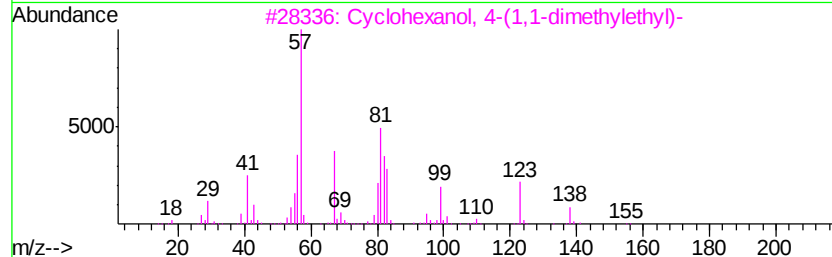
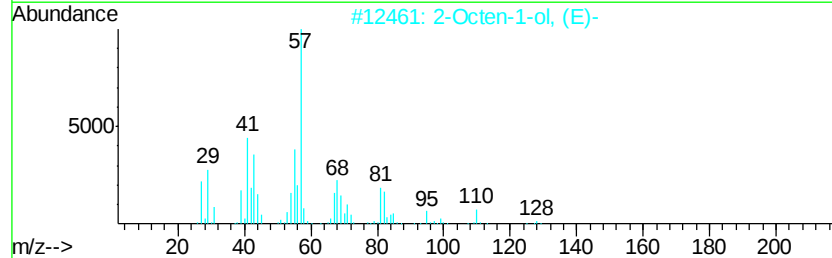
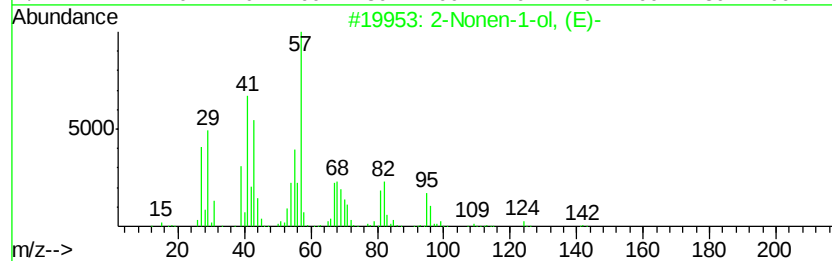
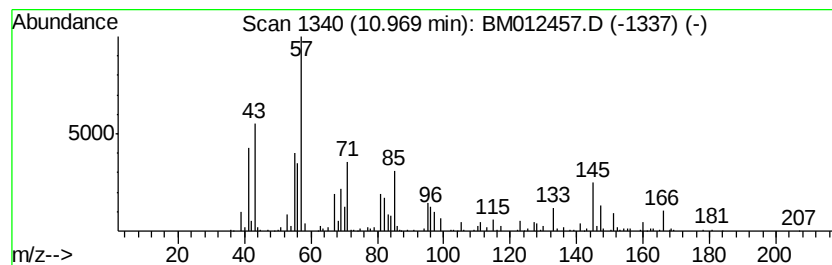
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 47 unknown-09 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.46 ng/ul	980674	Napthalene-d8	10.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol, (E)-			142	C9H18O	031502-14-4	27
2	2-Octen-1-ol, (E)-			128	C8H16O	018409-17-1	27
3	Cyclohexanol, 4-(1,1-dimethylethyl)-			156	C10H20O	000098-52-2	27
4	5,6-Dimethyltetrahydro-1,3-oxazine			145	C6H11NOS	085333-97-7	22
5	4-tert-Butylcyclohexyl acetate			198	C12H22O2	032210-23-4	22



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

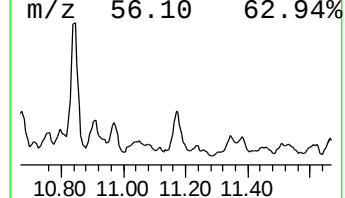
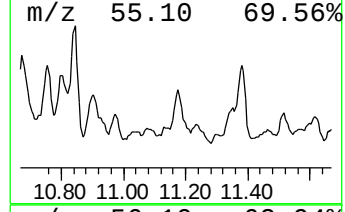
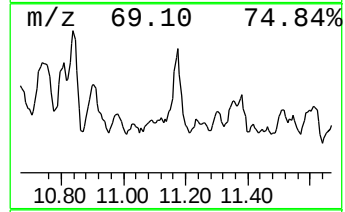
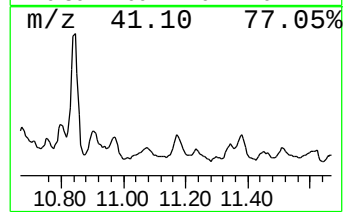
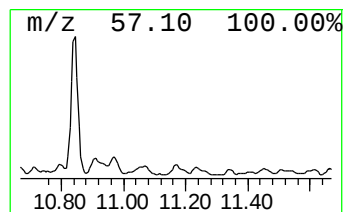
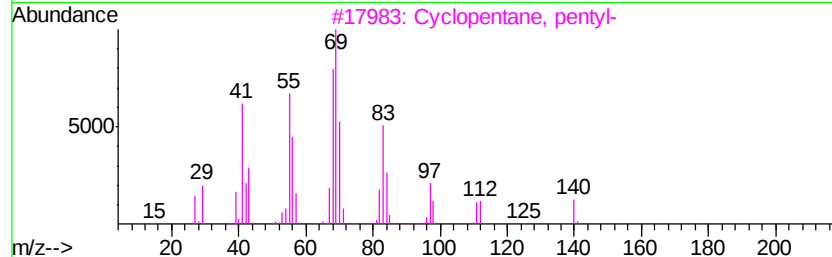
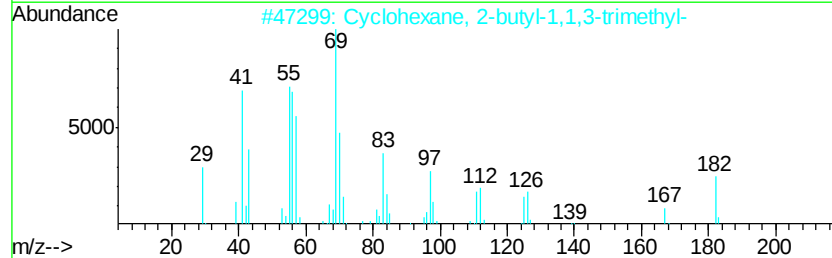
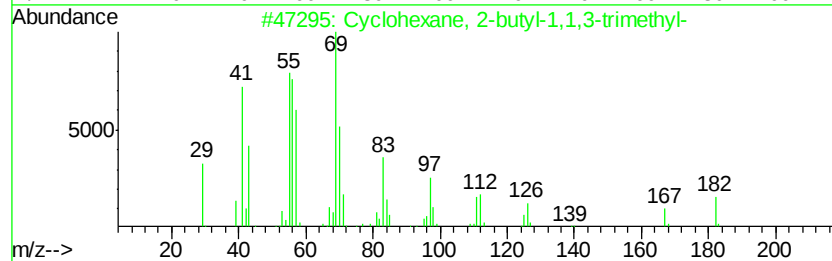
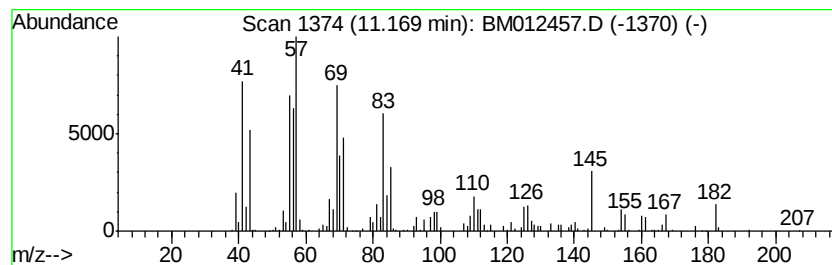
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Cyclic11.17 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.24 ng/ul	890665	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	78
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	58
3		Cyclopentane, pentyl-	140	C10H20	003741-00-2	55
4		4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	53
5		3-Undecene, (E)-	154	C11H22	001002-68-2	53



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

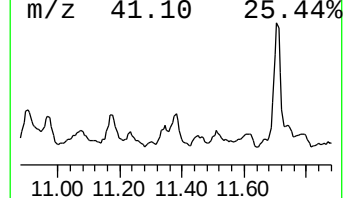
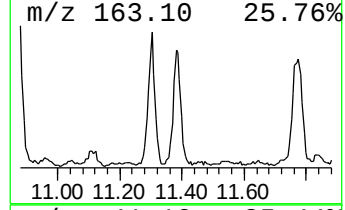
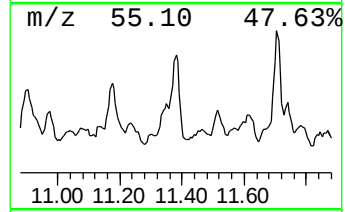
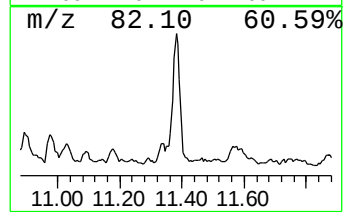
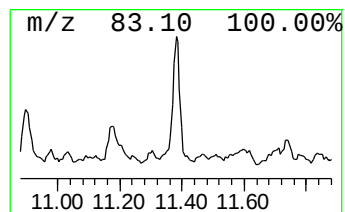
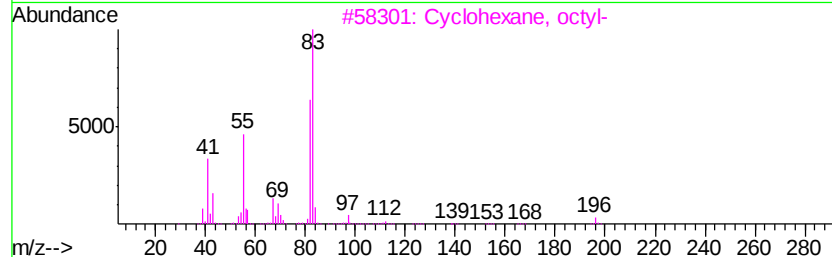
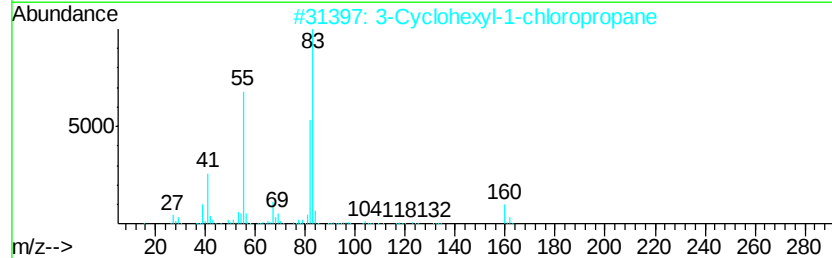
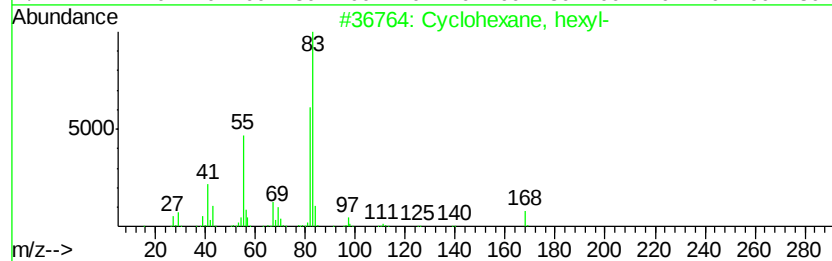
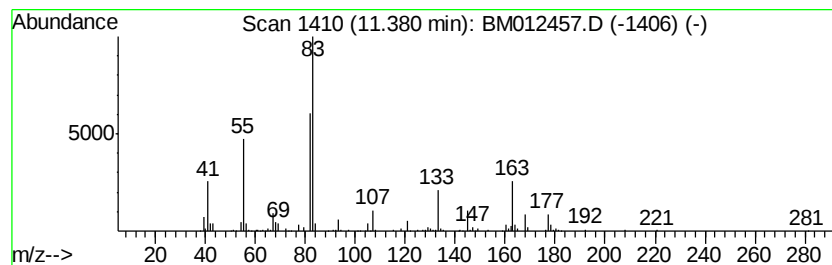
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Cyclic11.38 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	3.37 ng/ul	1342980	Napthalene-d8	10.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
2			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	38
4			Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	37
5			Oxalic acid, cyclohexyl undecyl ...	326	C19H34O4	1000309-31-3	35



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

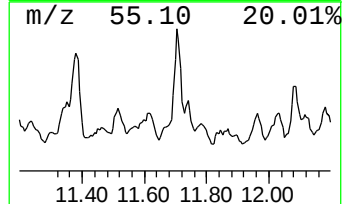
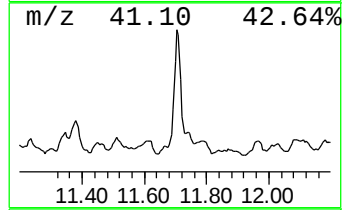
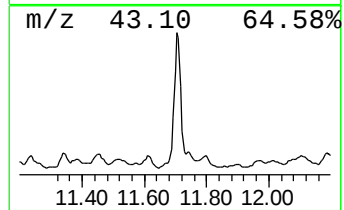
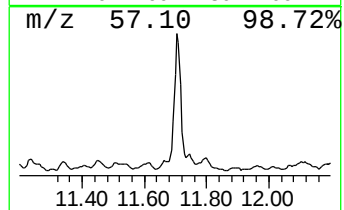
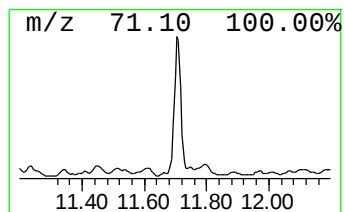
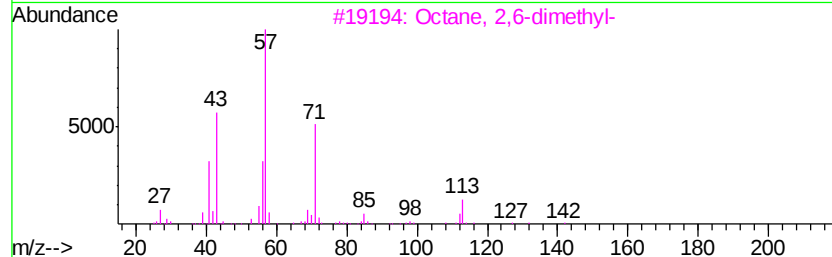
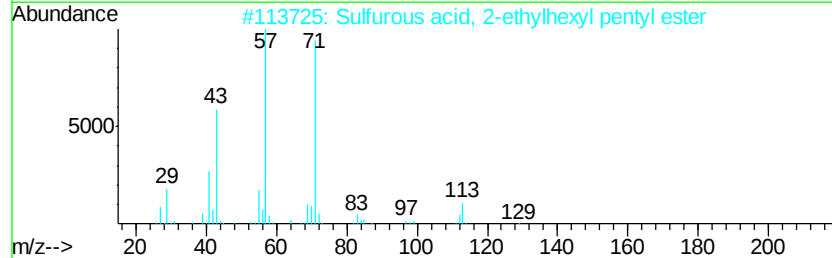
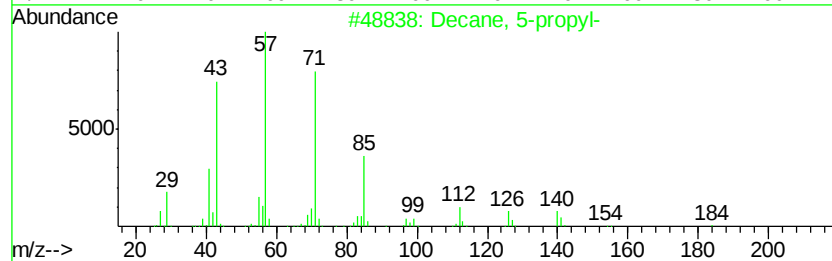
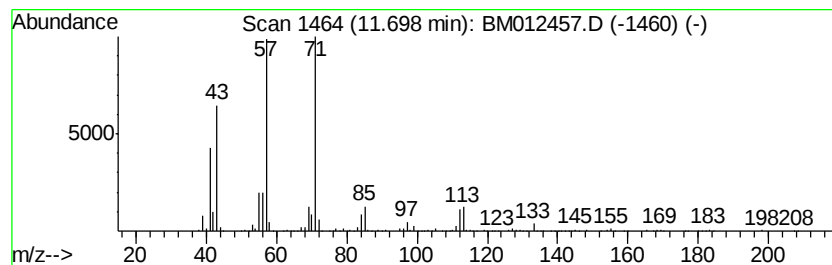
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	8.33 ng/ul	3316760	Napthalene-d8	10.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-propyl-	184	C13H28	017312-62-8	64
2			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4			Oxalic acid, octyl propyl ester	244	C13H24O4	1000309-26-1	59
5			Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

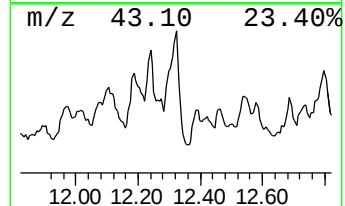
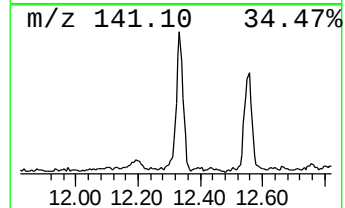
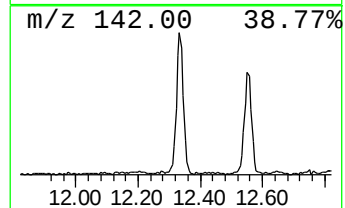
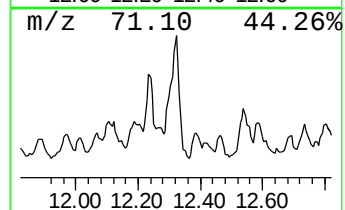
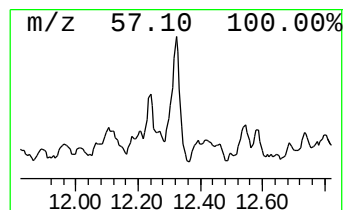
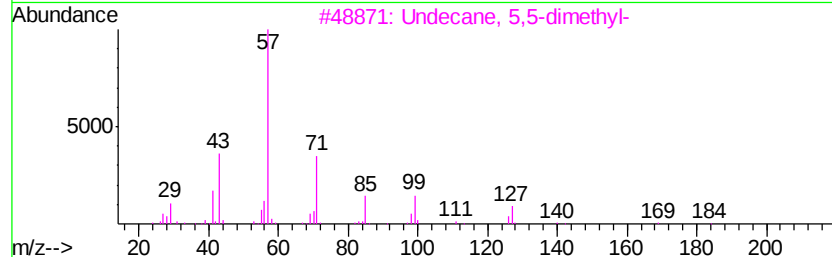
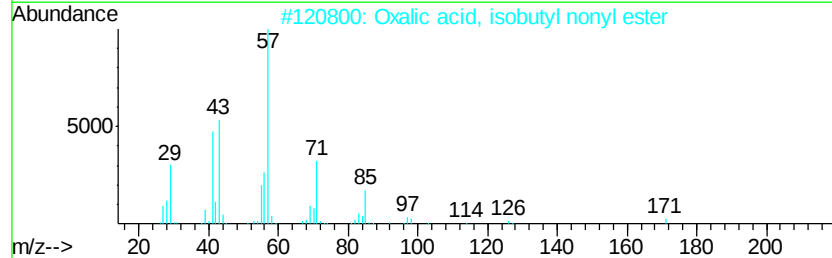
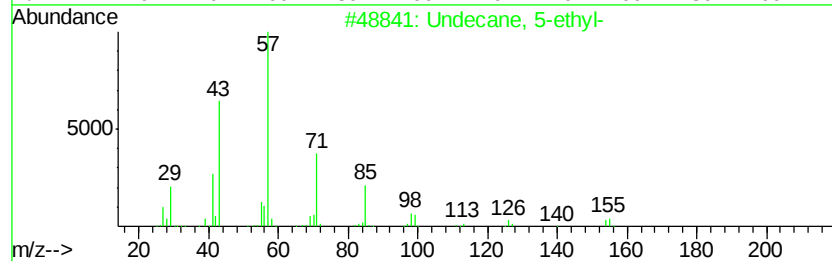
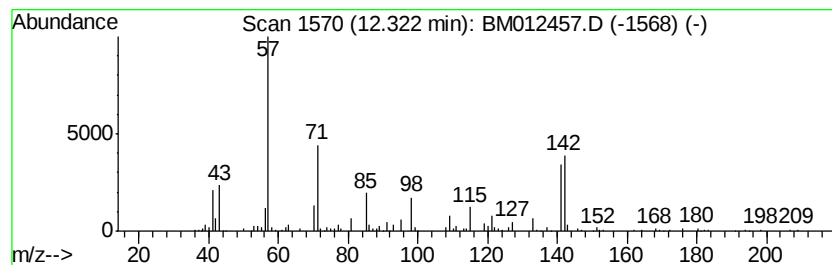
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.57 ng/ul	1023910	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	38
2		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	32
3		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	32
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	32
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	27



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

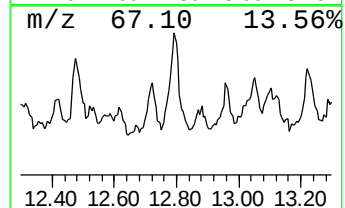
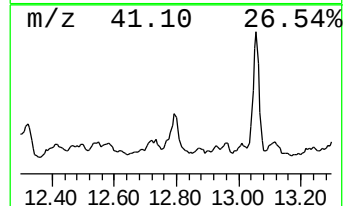
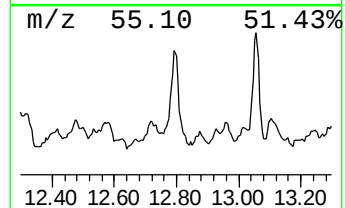
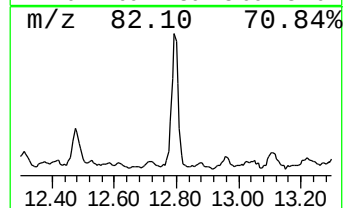
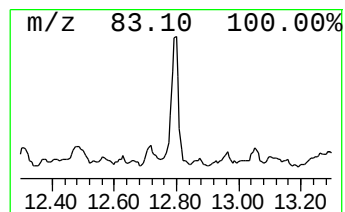
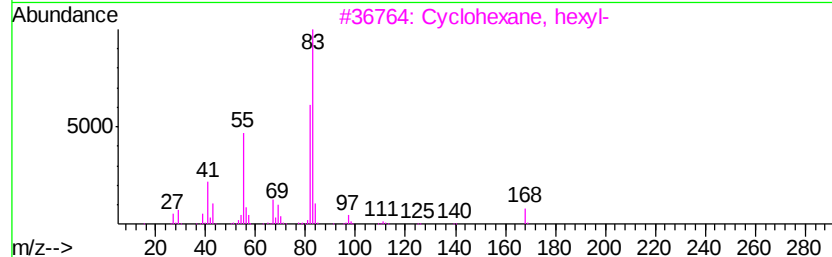
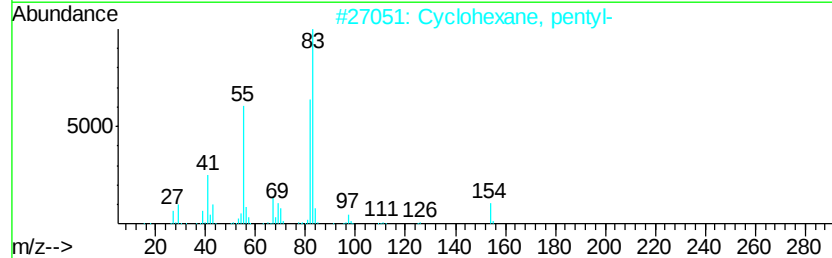
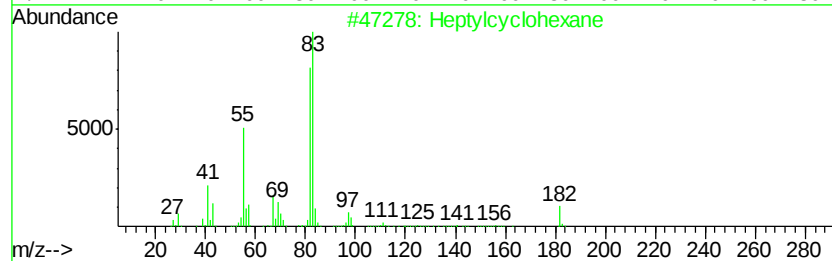
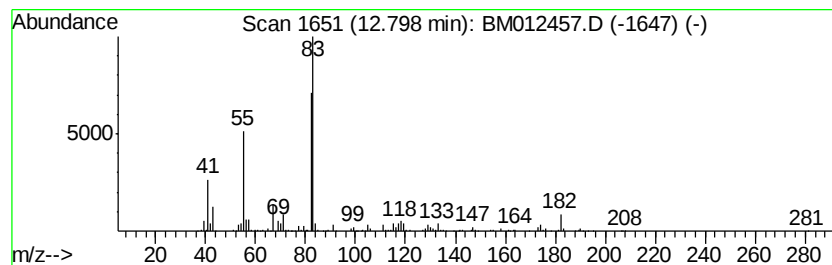
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.39 ng/ul	1114090	Acenaphthene-d10	14.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	80
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	50



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

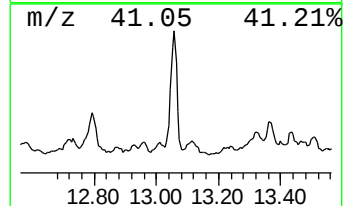
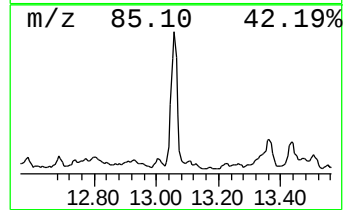
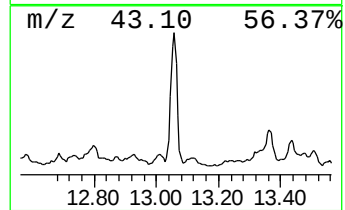
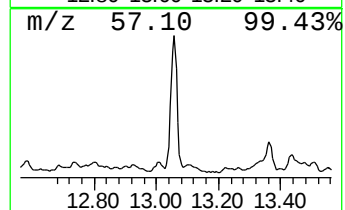
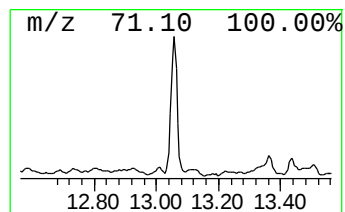
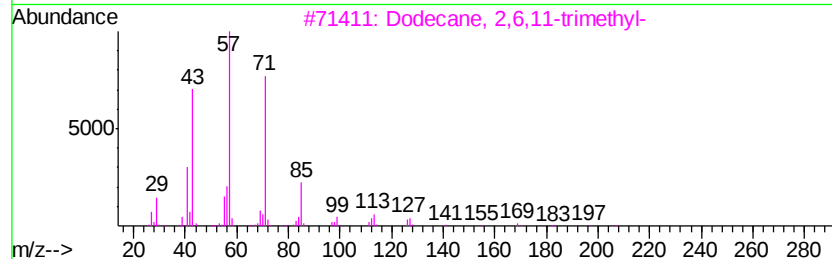
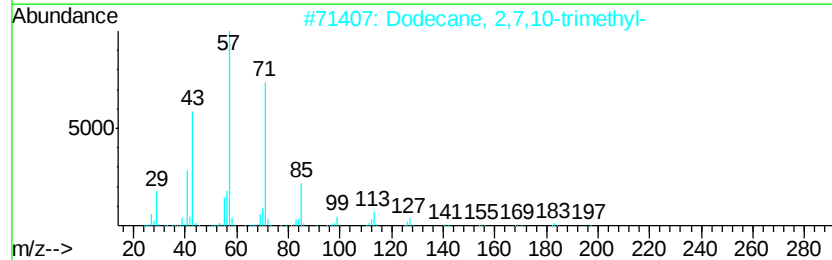
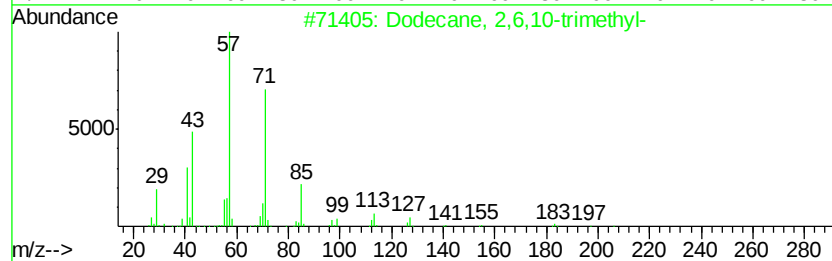
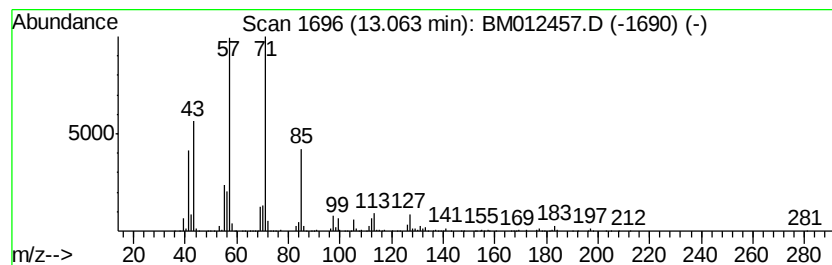
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	5.94 ng/ul	2768490	Acenaphthene-d10	14.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4			Decane, 5-propyl-	184	C13H28	017312-62-8	80
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

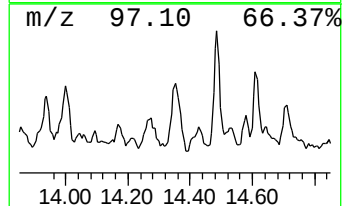
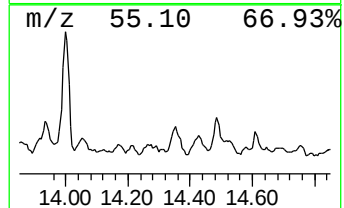
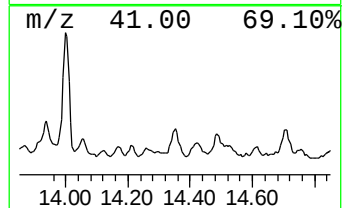
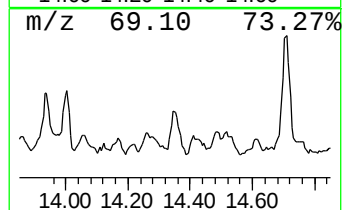
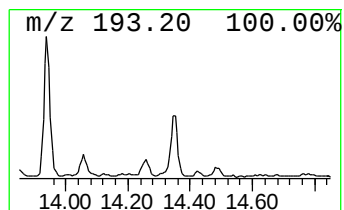
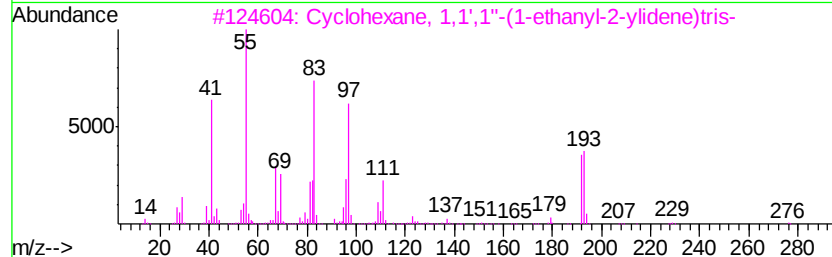
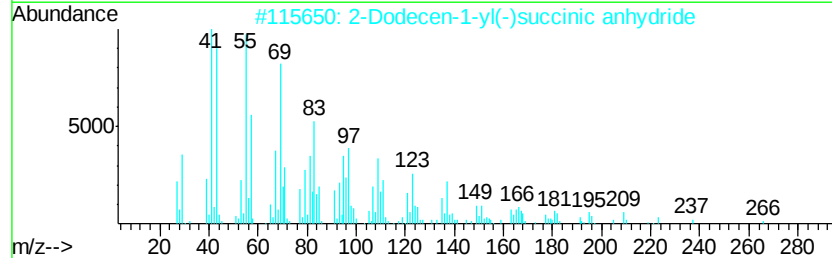
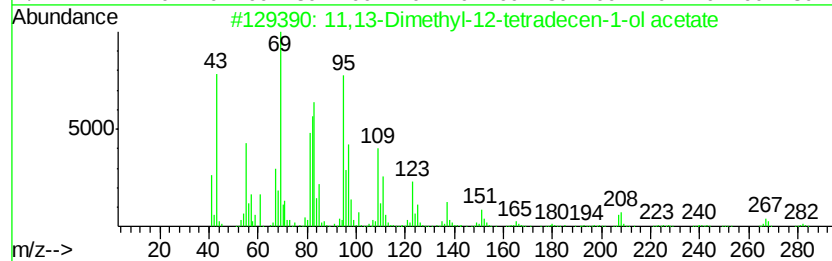
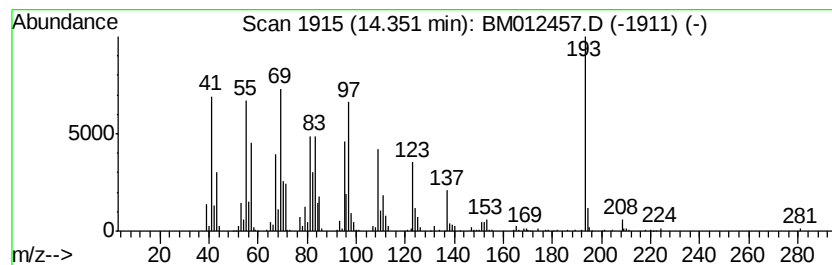
Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 54 unknown-10 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.37 ng/ul	1104180	Acenaphthene-d10	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	11,13-Dimethyl-12-tetradecen-1-o...	282 C18H34O2	1000130-81-0	49
2	2-Dodecen-1-yl(-)succinic anhydride	266 C16H26O3	019780-11-1	43
3	Cyclohexane, 1,1',1''-(1-ethanvl...	276 C20H36	055682-86-5	35
4	Cyclopentane, 1,1,3-trimethyl-	112 C8H16	004516-69-2	30
5	1,2-Dodecanediol	202 C12H26O2	001119-87-5	27



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

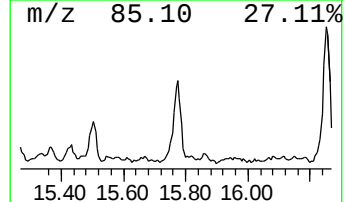
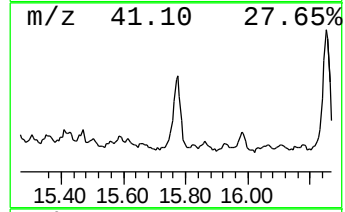
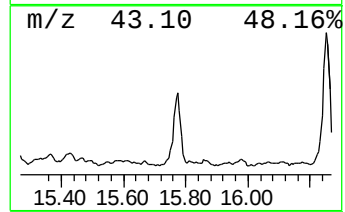
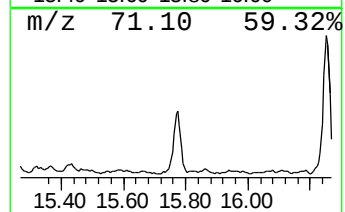
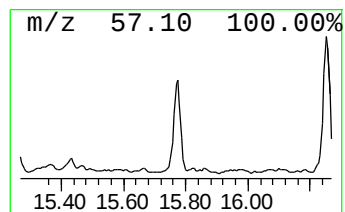
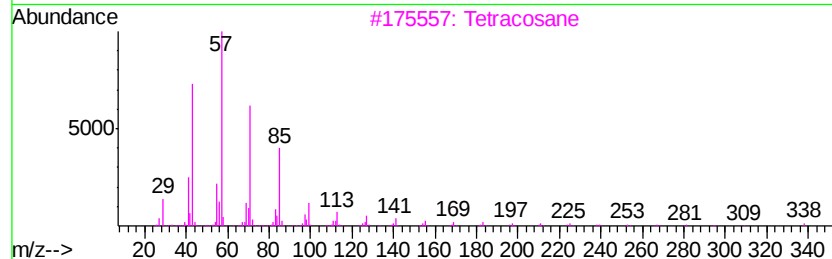
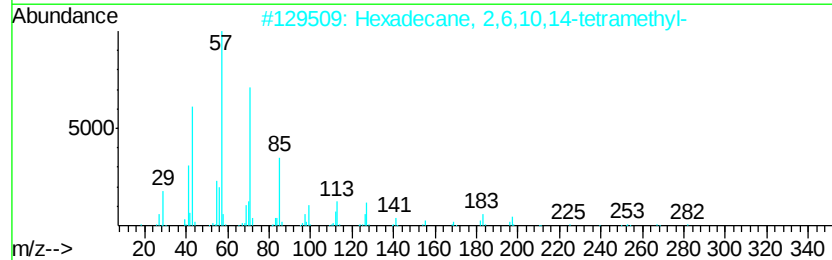
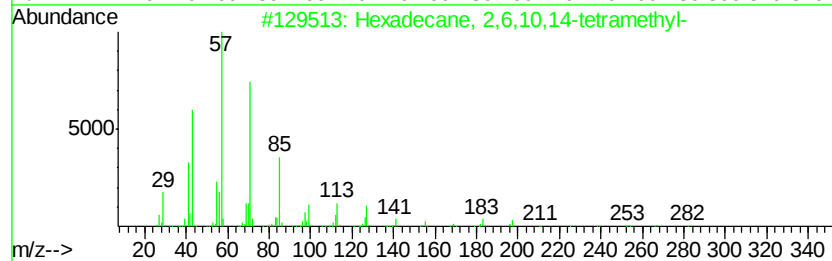
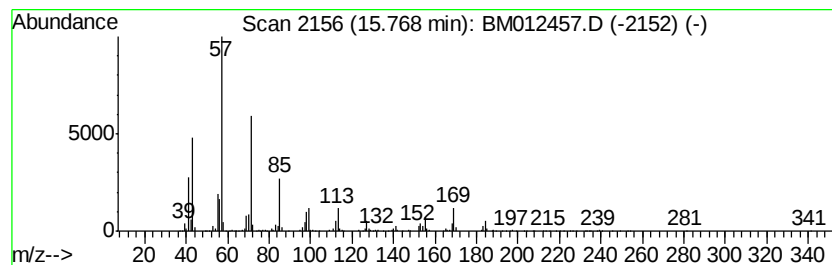
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.04 ng/ul	1417350	Acenaphthene-d10	14.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3			Tetracosane	338	C24H50	000646-31-1	64
4			Decane, 2-methyl-	156	C11H24	006975-98-0	64
5			Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

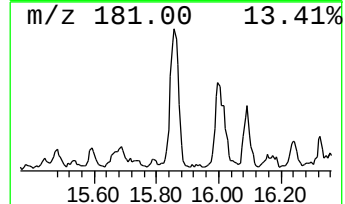
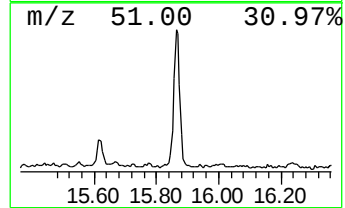
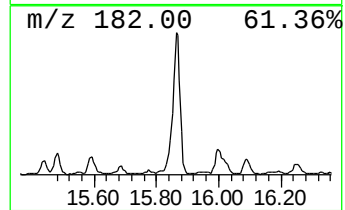
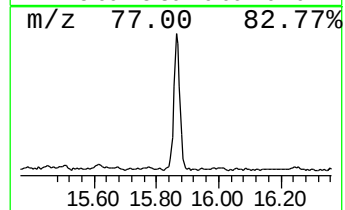
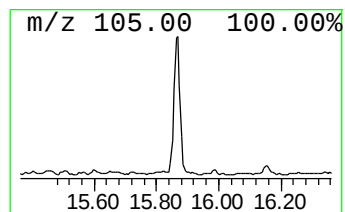
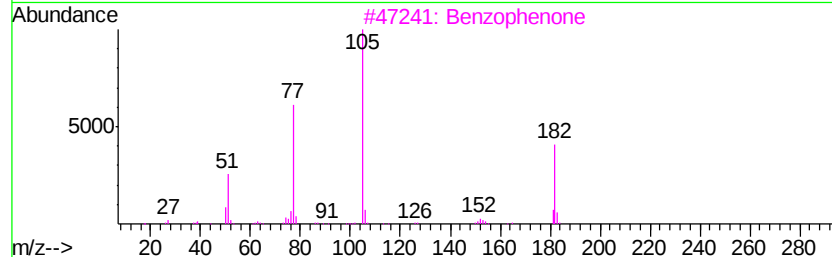
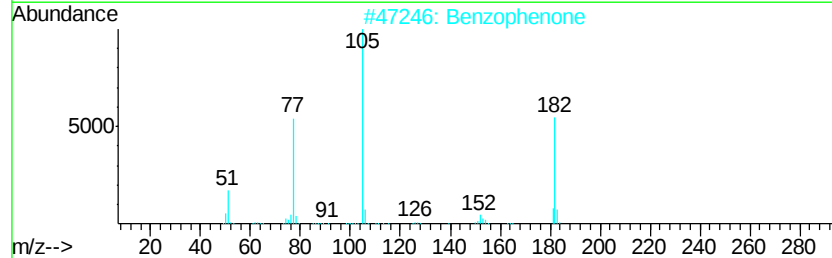
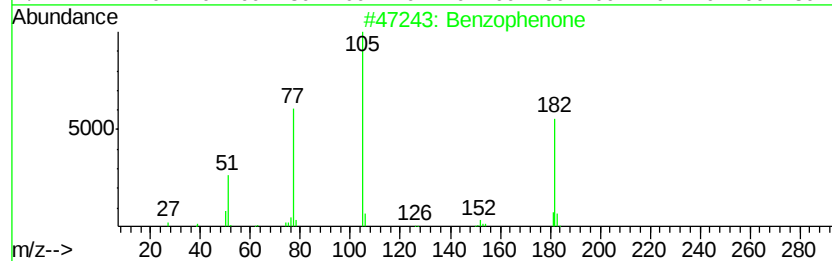
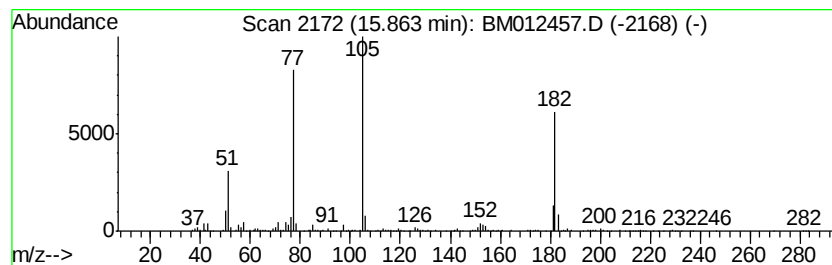
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 56 Benzophenone Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.47 ng/ul	1148370	Acenaphthene-d10	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	94
4		Benzophenone	182	C13H10O	000119-61-9	93
5		Benzophenone	182	C13H10O	000119-61-9	72



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

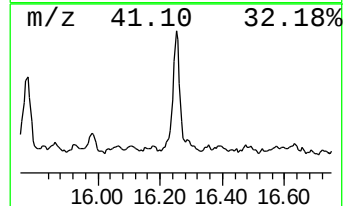
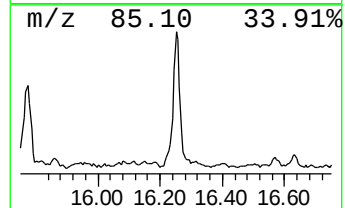
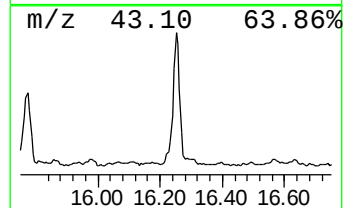
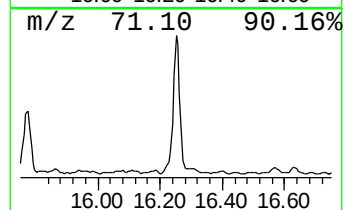
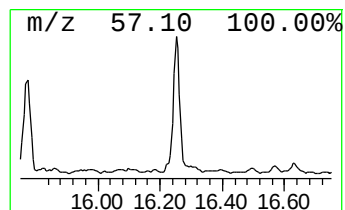
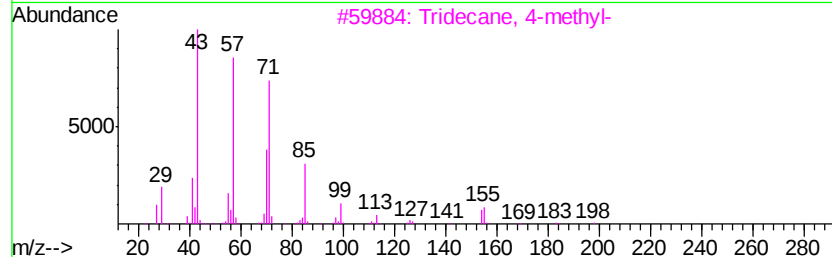
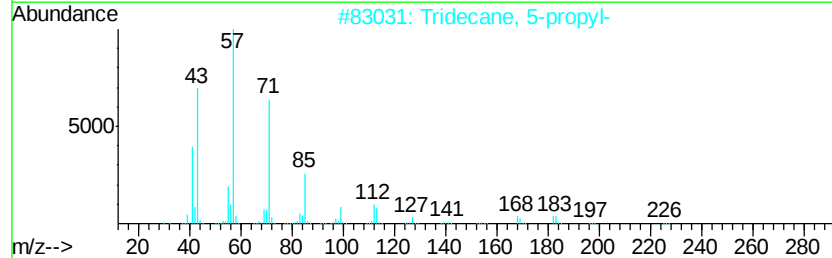
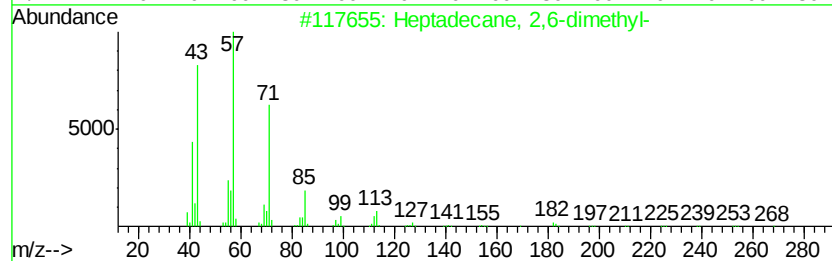
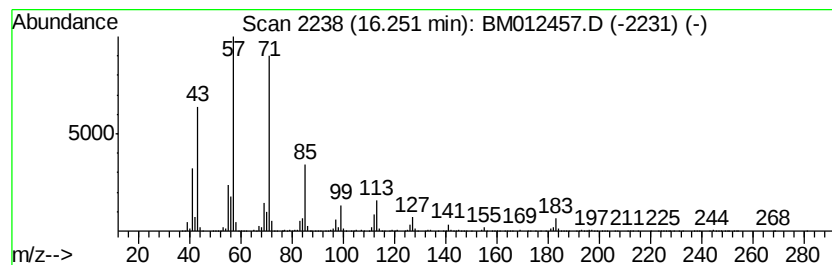
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	4.77 ng/ul	2528930	Phenanthrene-d10	17.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	93
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3			Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
4			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
5			Octadecane, 4-methyl-	268	C19H40	010544-95-3	83



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

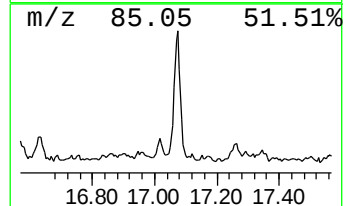
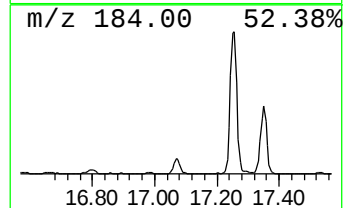
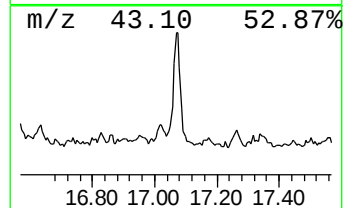
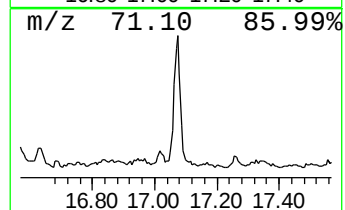
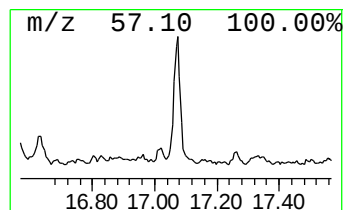
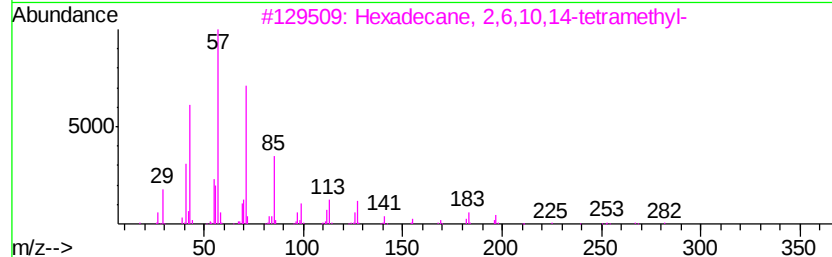
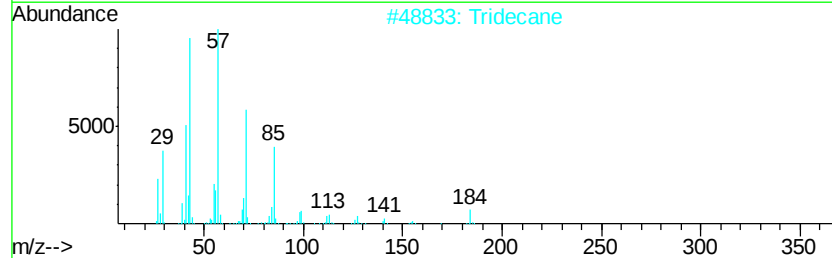
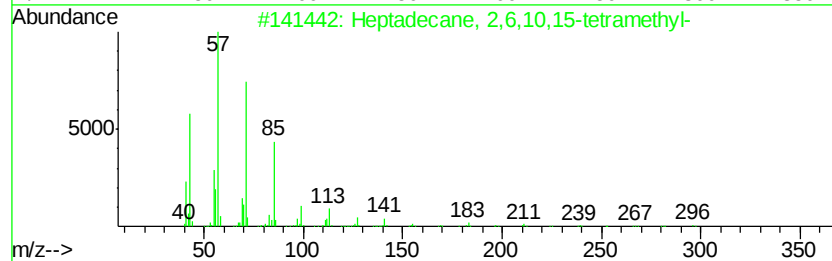
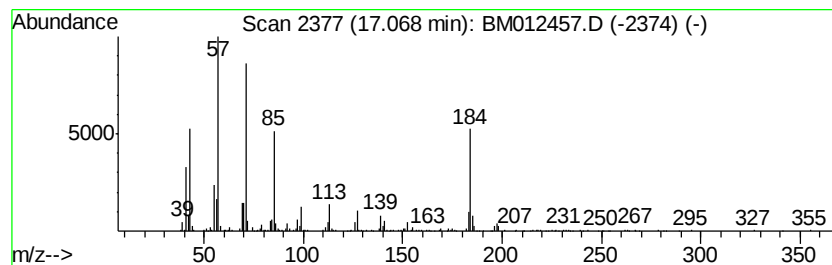
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	2.05 ng/ul	1085760	Phenanthrene-d10	17.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
2			Tridecane	184	C13H28	000629-50-5	64
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

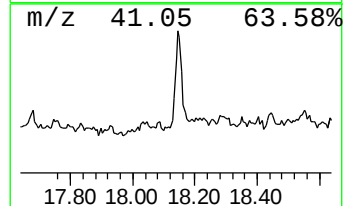
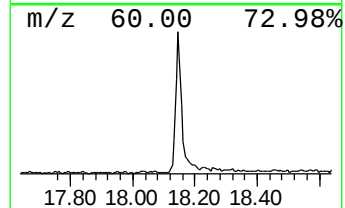
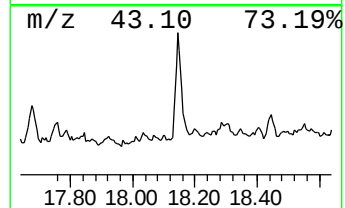
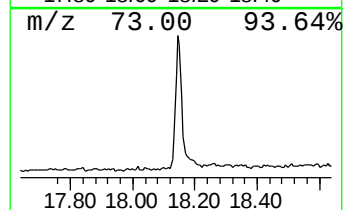
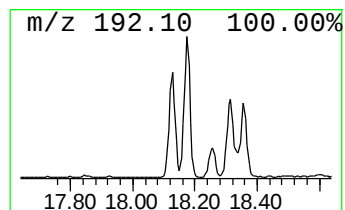
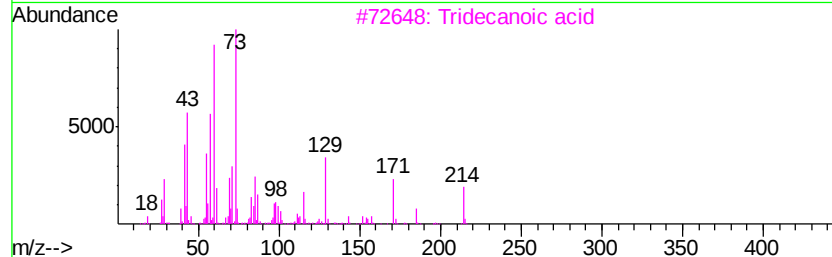
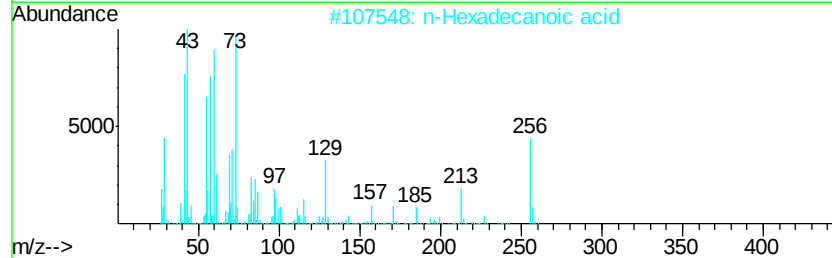
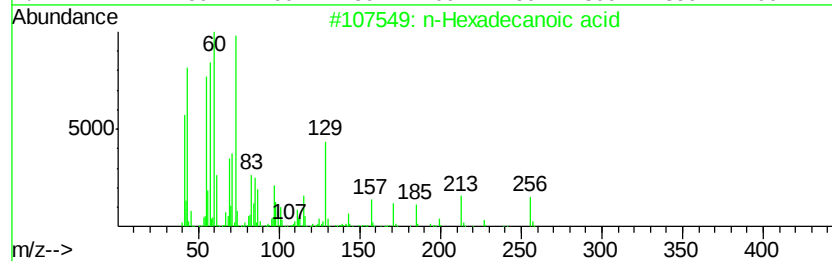
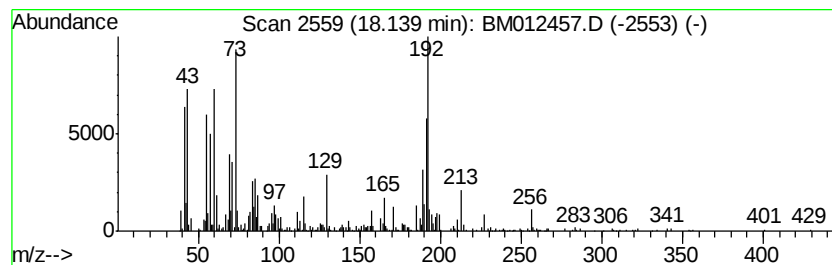
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 59 n-Hexadecanoic acid Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.55 ng/ul	1352790	Phenanthrene-d10	17.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-26(5-5.8)-100517

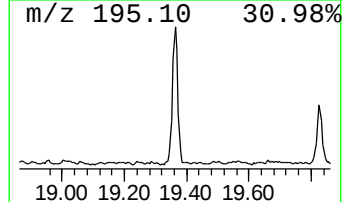
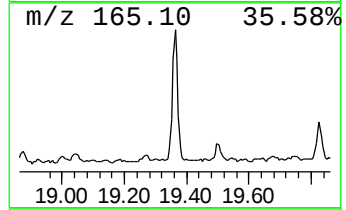
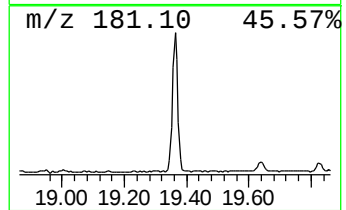
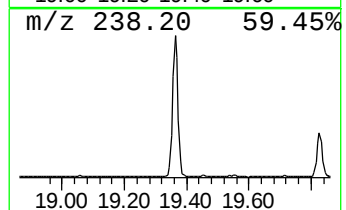
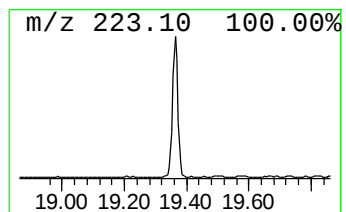
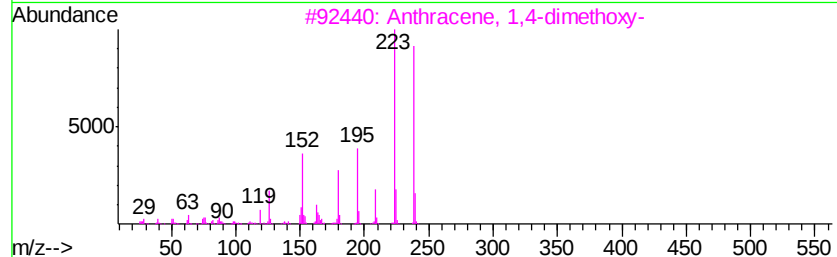
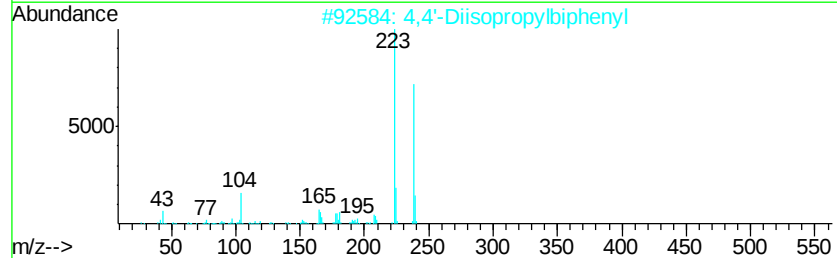
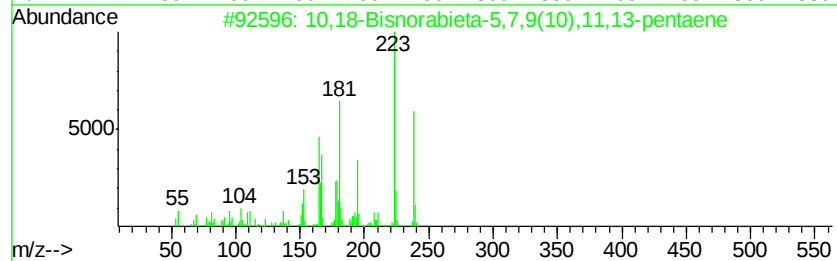
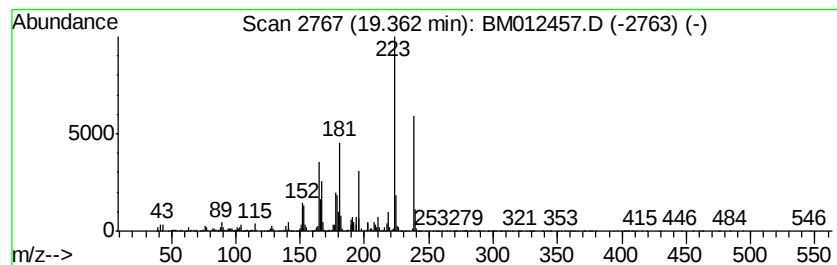
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 60 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	4.76 ng/ul	2624220	Chrysene-d12	21.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
3		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	60
4		3,3'-Diacetylbiiphenyl	238	C16H14O2	094113-07-2	46
5		4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
 Data File : BM012457.D
 Acq On : 25 Oct 2017 23:00
 Operator : SJ/JU
 Sample : I5719-15 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26(5-5.8)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	5.85	2.5	ng/ul	3054290	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	6.17	7.8	ng/ul	9669580	1	7.88	24621700	20.0
(DEL) Alkane: Str...	6.29	3.4	ng/ul	4149740	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	6.38	6.4	ng/ul	7857010	1	7.88	24621700	20.0
(DEL) Alkane: Str...	6.45	3.8	ng/ul	4623160	1	7.88	24621700	20.0
(DEL) Alkane: Str...	6.50	3.4	ng/ul	4207310	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	6.53	3.0	ng/ul	3670390	1	7.88	24621700	20.0
(DEL) Alkane: Str...	6.56	9.0	ng/ul	11040300	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	6.65	3.0	ng/ul	3669590	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	6.71	3.8	ng/ul	4681020	1	7.88	24621700	20.0
Oxalic acid, isob...	6.77	5.2	ng/ul	6411530	1	7.88	24621700	20.0
unknown-01	6.88	5.4	ng/ul	6665830	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	6.99	3.1	ng/ul	3822520	1	7.88	24621700	20.0
Cyclohexene, 1-bu...	7.27	4.7	ng/ul	5808560	1	7.88	24621700	20.0
(DEL) Alkane: Str...	7.54	3.1	ng/ul	3765350	1	7.88	24621700	20.0
Sulfurous acid, c...	7.61	5.5	ng/ul	6709360	1	7.88	24621700	20.0
(DEL) Alkane: Str...	7.70	3.0	ng/ul	3738390	1	7.88	24621700	20.0
Triallylsilane	7.82	11.5	ng/ul	14140300	1	7.88	24621700	20.0
unknown-02	7.96	6.8	ng/ul	8365980	1	7.88	24621700	20.0
p-Cymene	8.02	5.5	ng/ul	6757220	1	7.88	24621700	20.0
(DEL) Alkane: Str...	8.08	10.3	ng/ul	12683100	1	7.88	24621700	20.0
(DEL) Alkane: Str...	8.12	6.0	ng/ul	7428440	1	7.88	24621700	20.0
Dicyclopentadiene	8.15	11.6	ng/ul	14316900	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	8.24	5.1	ng/ul	6272960	1	7.88	24621700	20.0
1-Dodecanol, 2-oc...	8.33	4.8	ng/ul	5967020	1	7.88	24621700	20.0
unknown-03	8.39	3.8	ng/ul	4647790	1	7.88	24621700	20.0
(DEL) Alkane: Str...	8.45	9.0	ng/ul	11063200	1	7.88	24621700	20.0
Naphthalene, deca...	8.72	9.3	ng/ul	11435900	1	7.88	24621700	20.0
(DEL) Alkane: Str...	8.77	6.0	ng/ul	7444490	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	8.87	2.2	ng/ul	2703630	1	7.88	24621700	20.0
unknown-04	9.09	4.9	ng/ul	6072580	1	7.88	24621700	20.0
(DEL) Alkane: Cyc...	9.15	2.5	ng/ul	3016500	1	7.88	24621700	20.0
unknown-05	9.24	6.1	ng/ul	7454740	1	7.88	24621700	20.0
unknown-06	9.32	2.8	ng/ul	1105580	2	10.67	7967350	20.0
(DEL) Alkane: Str...	9.36	16.2	ng/ul	6450020	2	10.67	7967350	20.0
(DEL) Alkane: Str...	9.47	15.0	ng/ul	5974730	2	10.67	7967350	20.0
(DEL) Alkane: Str...	9.53	20.9	ng/ul	8323930	2	10.67	7967350	20.0
Pulegone	9.60	18.3	ng/ul	7276040	2	10.67	7967350	20.0
(DEL) Alkane: Str...	9.65	3.0	ng/ul	1175350	2	10.67	7967350	20.0
Naphthalene, deca...	9.86	25.4	ng/ul	10100500	2	10.67	7967350	20.0
Benzene, 1,2,4,5-...	10.09	6.0	ng/ul	2391110	2	10.67	7967350	20.0
unknown-07	10.13	2.4	ng/ul	957133	2	10.67	7967350	20.0
Benzene, 1-methyl...	10.38	2.9	ng/ul	1159670	2	10.67	7967350	20.0
unknown-08	10.55	2.9	ng/ul	1164580	2	10.67	7967350	20.0
Benzene, 1,3-diet...	10.90	3.7	ng/ul	1479880	2	10.67	7967350	20.0
unknown-09	10.97	2.5	ng/ul	980674	2	10.67	7967350	20.0
(DEL) Alkane: Cyc...	11.17	2.2	ng/ul	890665	2	10.67	7967350	20.0
(DEL) Alkane: Cyc...	11.38	3.4	ng/ul	1342980	2	10.67	7967350	20.0
(DEL) Alkane: Str...	11.70	8.3	ng/ul	3316760	2	10.67	7967350	20.0

(DEL) Alkane: Str...	12.32	2.6 ng/ul	1023910	2	10.67	7967350	20.0
(DEL) Alkane: Str...	12.80	2.4 ng/ul	1114090	3	14.51	9317120	20.0
(DEL) Alkane: Str...	13.06	5.9 ng/ul	2768490	3	14.51	9317120	20.0
unknown-10	14.35	2.4 ng/ul	1104180	3	14.51	9317120	20.0
(DEL) Alkane: Str...	15.77	3.0 ng/ul	1417350	3	14.51	9317120	20.0
Benzophenone	15.86	2.5 ng/ul	1148370	3	14.51	9317120	20.0
(DEL) Alkane: Str...	16.25	4.8 ng/ul	2528930	4	17.25	10594100	20.0
(DEL) Alkane: Str...	17.07	2.0 ng/ul	1085760	4	17.25	10594100	20.0
n-Hexadecanoic acid	18.14	2.5 ng/ul	1352790	4	17.25	10594100	20.0
10,18-Bisnorabiet...	19.36	4.8 ng/ul	2624220	5	21.42	11026200	20.0

Instrument :

BNA_M

ClientSampleId :

B-26(5-5.8)-100517