

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014138.D
 Acq On : 03 Feb 2018 05:54
 Operator : SJ/JU
 Sample : J1339-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D15

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-BM013118.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	6.740	632	638	649	rBV	663981	1237877	25.34%	1.168%
2	6.898	656	665	674	rVB	529638	935745	19.15%	0.883%
3	6.981	674	679	681	rBV3	68636	104970	2.15%	0.099%
4	7.087	692	697	711	rVB	782036	1372347	28.09%	1.295%
5	7.216	711	719	723	rBV4	41309	73605	1.51%	0.069%
6	7.269	723	728	732	rBV3	79101	106494	2.18%	0.100%
7	7.340	732	740	743	rBV3	121334	253978	5.20%	0.240%
8	7.369	743	745	750	rVB3	56269	84775	1.74%	0.080%
9	7.463	756	761	768	rBV4	112107	212800	4.36%	0.201%
10	7.551	768	776	782	rBV	531654	988156	20.23%	0.932%
11	7.604	782	785	791	rVB3	103731	155704	3.19%	0.147%
12	7.681	792	798	807	rVB	249774	452586	9.26%	0.427%
13	7.804	807	819	829	rBV5	428926	1117444	22.87%	1.054%
14	7.910	829	837	846	rVB5	278746	665903	13.63%	0.628%
15	7.992	846	851	857	rBV6	234518	489979	10.03%	0.462%
16	8.057	857	862	866	rVB3	140799	202532	4.15%	0.191%
17	8.116	866	872	878	rBV6	163446	346989	7.10%	0.327%
18	8.175	878	882	888	rVB5	99659	194811	3.99%	0.184%
19	8.269	888	898	912	rBV3	1069616	2675826	54.77%	2.525%
20	8.410	912	922	924	rBV7	196961	573170	11.73%	0.541%
21	8.522	935	941	946	rVB7	232272	527001	10.79%	0.497%
22	8.598	946	954	960	rBV5	307477	839040	17.17%	0.792%
23	8.657	960	964	968	rBV4	195679	370315	7.58%	0.349%
24	8.710	968	973	979	rBV	773816	1304896	26.71%	1.231%
25	8.892	991	1004	1011	rBV6	483234	1157656	23.70%	1.092%
26	8.992	1018	1021	1025	rVB5	156792	254084	5.20%	0.240%
27	9.045	1026	1030	1035	rBV4	153294	305131	6.25%	0.288%
28	9.104	1036	1040	1045	rVV6	154769	329090	6.74%	0.310%
29	9.186	1049	1054	1059	rVB	905315	1471565	30.12%	1.388%
30	9.269	1061	1068	1072	rBV6	211752	497743	10.19%	0.470%
31	9.322	1072	1077	1081	rVV5	199658	377374	7.72%	0.356%
32	9.392	1083	1089	1101	rVB2	2095343	4885478	100.00%	4.609%
33	9.516	1101	1110	1121	rVB3	1120828	3024637	61.91%	2.854%
34	9.628	1122	1129	1133	rBV5	309993	739208	15.13%	0.697%

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014138.D
 Acq On : 03 Feb 2018 05:54
 Operator : SJ/JU
 Sample : J1339-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D15

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-BM013118.M
 Title : SVOA CALIBRATION

35	9.669	1133	1136	1140	rBV5	158294	225902	4.62%	0.213%
36	9.769	1149	1153	1157	rVB5	343642	529893	10.85%	0.500%
37	9.957	1178	1185	1191	rBV4	1194633	2570573	52.62%	2.425%
38	10.186	1218	1224	1229	rBV2	1330102	2260976	46.28%	2.133%
39	10.292	1239	1242	1243	rBV3	162499	175956	3.60%	0.166%
40	10.333	1243	1249	1255	rVB2	1823343	3554849	72.76%	3.354%
41	10.433	1256	1266	1270	rBV2	1670385	3494259	71.52%	3.297%
42	10.498	1270	1277	1283	rVB2	972602	2498335	51.14%	2.357%
43	10.851	1332	1337	1346	rBV3	1018973	2293029	46.94%	2.163%
44	10.928	1346	1350	1358	rVB	992452	1639634	33.56%	1.547%
45	11.004	1358	1363	1369	rBV2	1551360	2702373	55.31%	2.550%
46	11.069	1371	1374	1379	rVB3	379244	563867	11.54%	0.532%
47	11.222	1395	1400	1407	rBV4	691142	1588954	32.52%	1.499%
48	11.286	1407	1411	1416	rVV2	822161	1406433	28.79%	1.327%
49	11.351	1419	1422	1425	rVV	859214	1455088	29.78%	1.373%
50	11.404	1426	1431	1438	rVB	1700417	3680483	75.34%	3.472%
51	11.545	1452	1455	1459	rBV3	332175	433918	8.88%	0.409%
52	11.598	1461	1464	1469	rVV2	700159	1128726	23.10%	1.065%
53	11.680	1475	1478	1480	rBV3	299869	453192	9.28%	0.428%
54	11.804	1490	1499	1510	rBV6	866248	3670032	75.12%	3.463%
55	11.933	1513	1521	1527	rVB6	809806	2388215	48.88%	2.253%
56	12.063	1539	1543	1548	rVB2	752283	1243872	25.46%	1.174%
57	12.339	1587	1590	1594	rVB3	710776	988460	20.23%	0.933%
58	12.533	1619	1623	1627	rBV6	754808	1377224	28.19%	1.299%
59	12.674	1644	1647	1654	rVB4	877885	1948267	39.88%	1.838%
60	12.969	1692	1697	1703	rVB	2608041	4274054	87.48%	4.032%
61	13.627	1805	1809	1813	rBV	1829393	2640784	54.05%	2.491%
62	13.904	1851	1856	1859	rBV	1916971	2733093	55.94%	2.579%
63	14.210	1905	1908	1914	rVB2	1197079	1757528	35.97%	1.658%
64	15.210	2074	2078	2083	rVB	2611435	3425521	70.12%	3.232%
65	16.968	2373	2377	2382	rVB2	1425525	2026404	41.48%	1.912%
66	17.068	2389	2394	2399	rVB	2635496	3705659	75.85%	3.496%
67	19.374	2781	2786	2792	rVB	3057154	4132815	84.59%	3.899%
68	20.892	3041	3044	3049	rVB2	398341	595069	12.18%	0.561%
69	21.168	3087	3091	3100	rVB	1583751	2090614	42.79%	1.972%
70	23.215	3432	3439	3447	rVB	2150689	4047138	82.84%	3.818%
71	23.350	3456	3462	3471	rVB	1039599	1961697	40.15%	1.851%

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Title : SVOA CALIBRATION

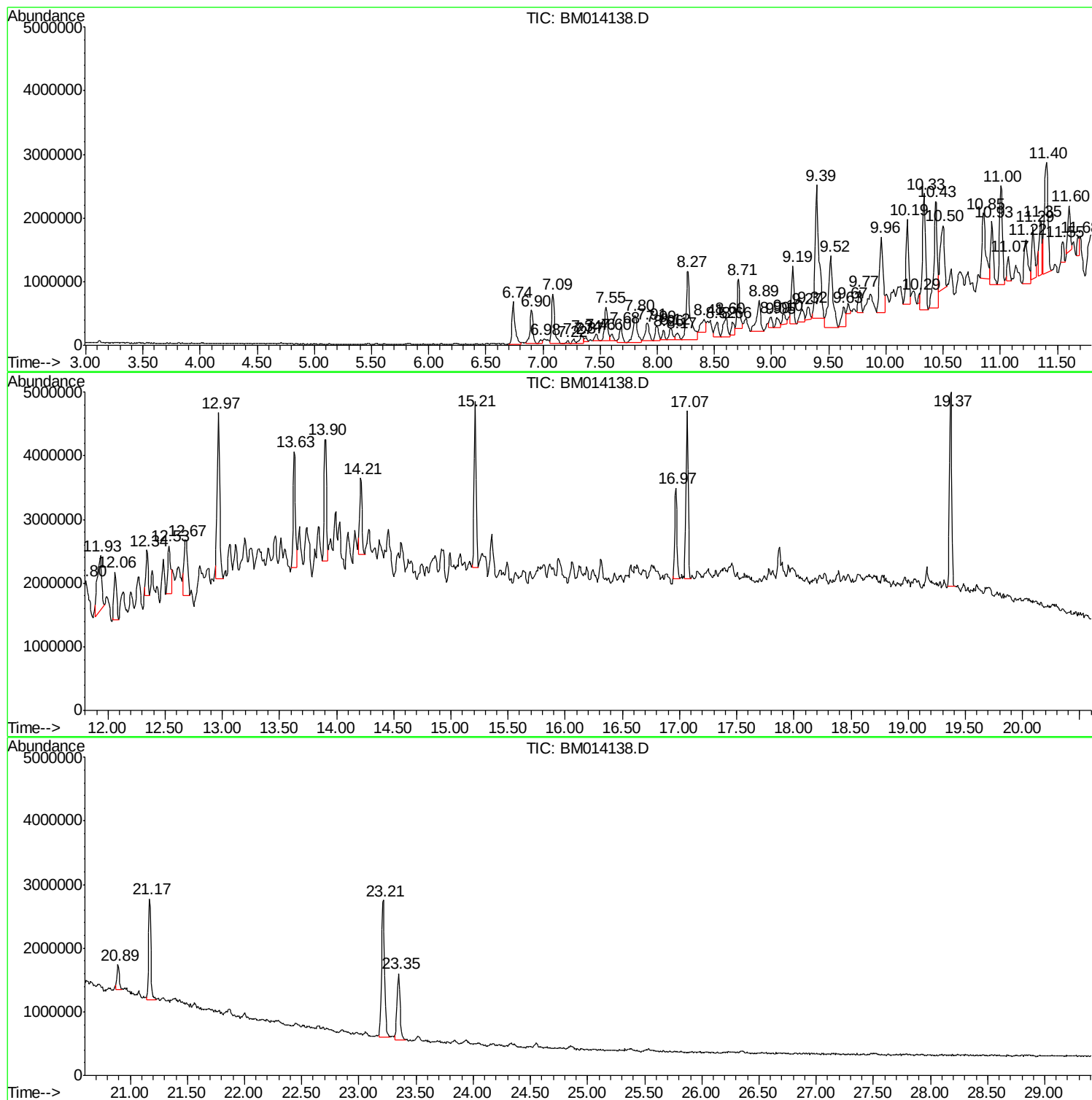
Sum of corrected areas: 105991795

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

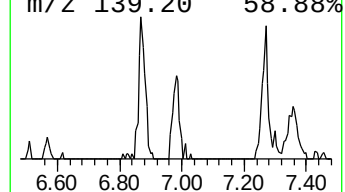
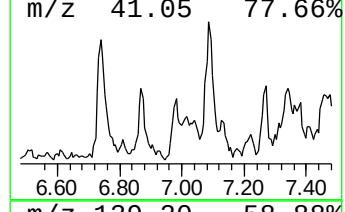
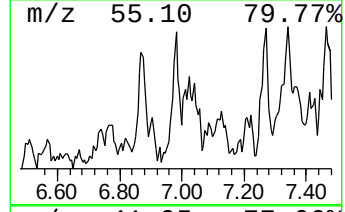
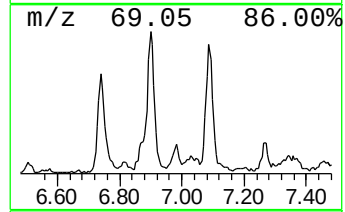
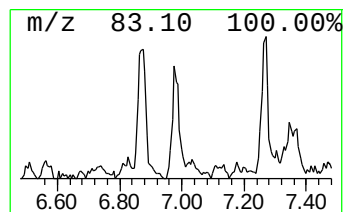
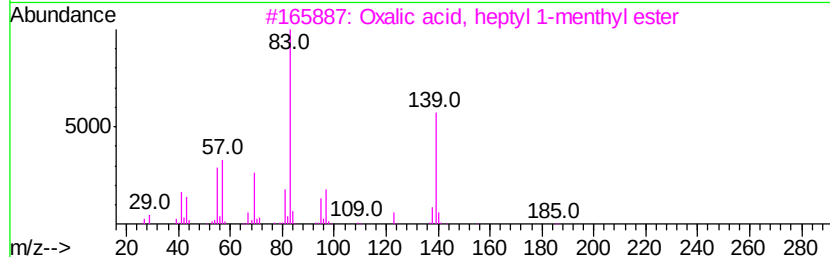
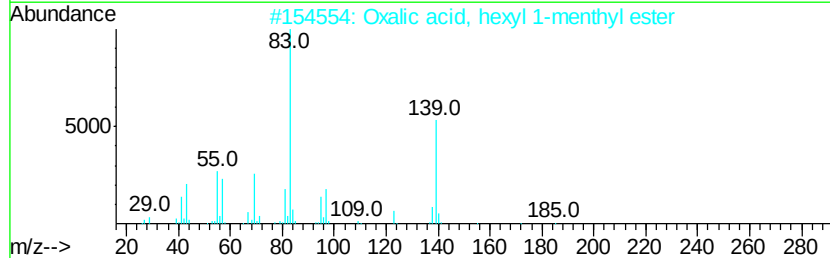
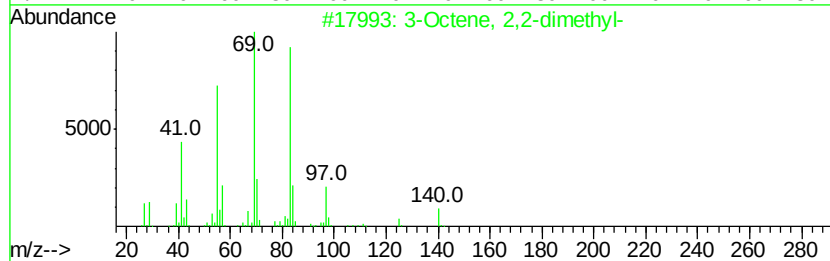
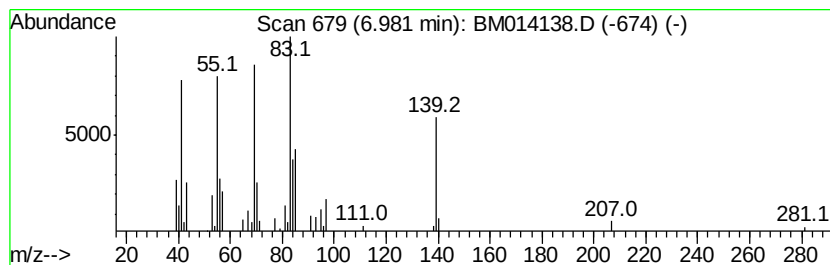
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic6.98 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	2.12 ng/ul	104970	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	52
2		Oxalic acid, hexyl 1-menthyl ester	312	C18H32O4	1000314-97-4	38
3		Oxalic acid, heptyl 1-menthyl ester	326	C19H34O4	1000314-97-5	35
4		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30
5		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	27



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

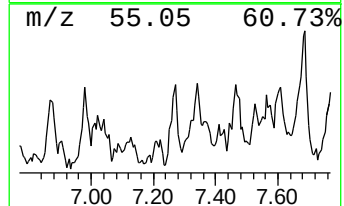
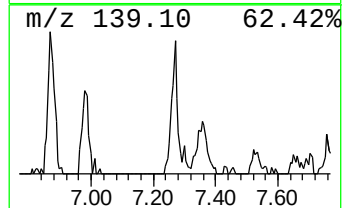
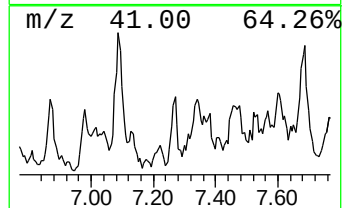
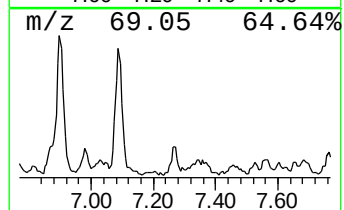
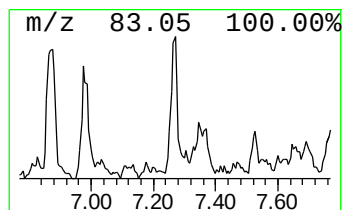
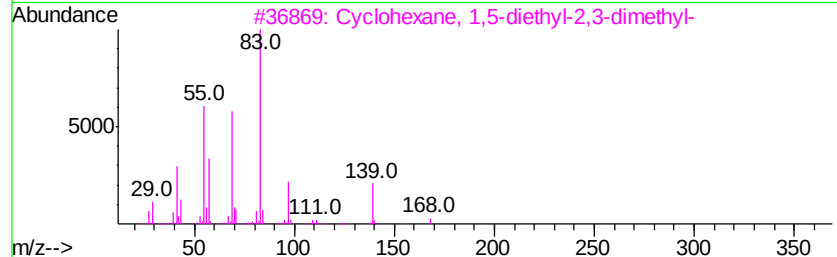
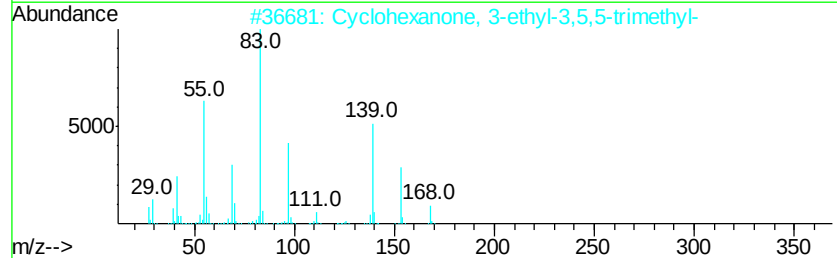
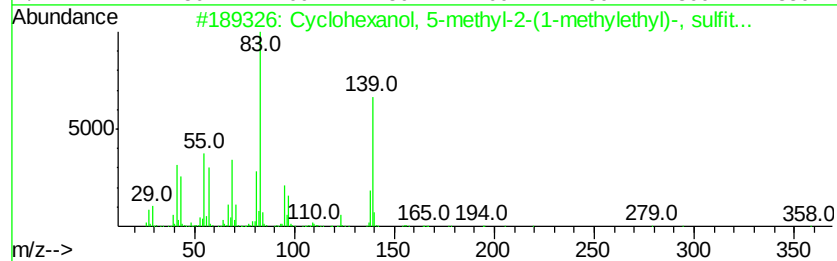
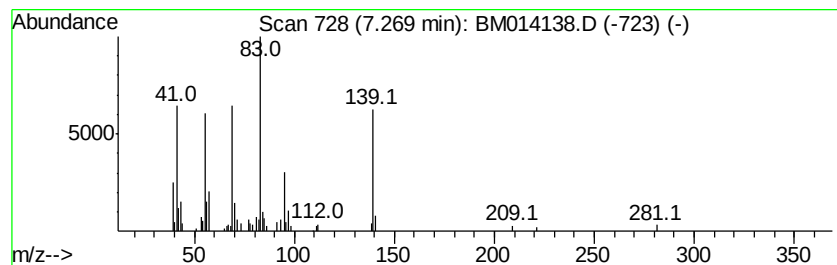
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	2.16 ng/ul	106494	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	72
2		Cyclohexanone, 3-ethyl-3,5,5-tri...	168	C11H20O	167226-01-9	59
3		Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	47
4		2-Butenoic acid, 2-methyl-, 2-pr...	140	C8H12O2	007493-71-2	47
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	43



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

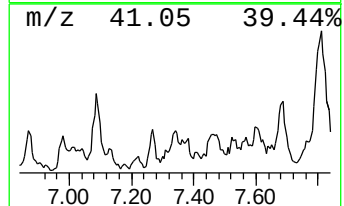
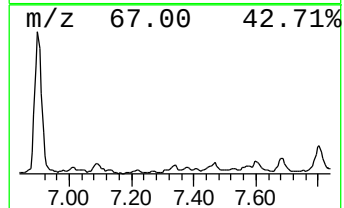
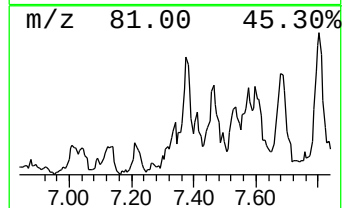
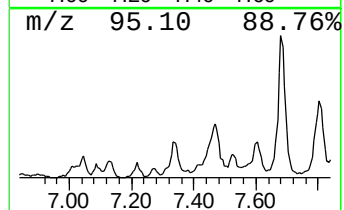
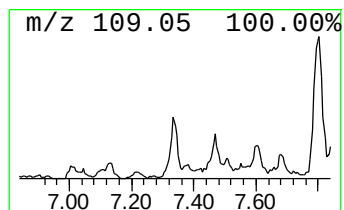
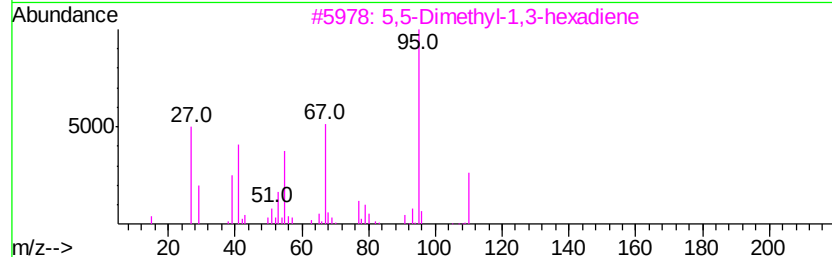
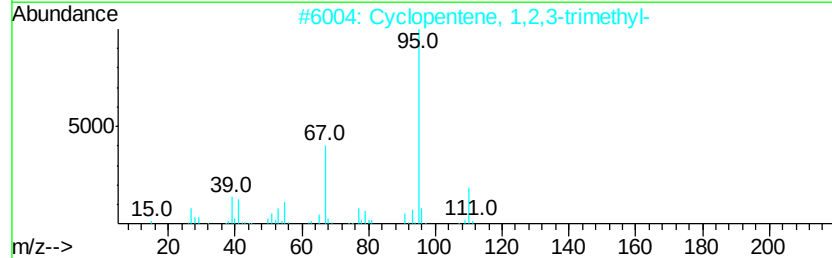
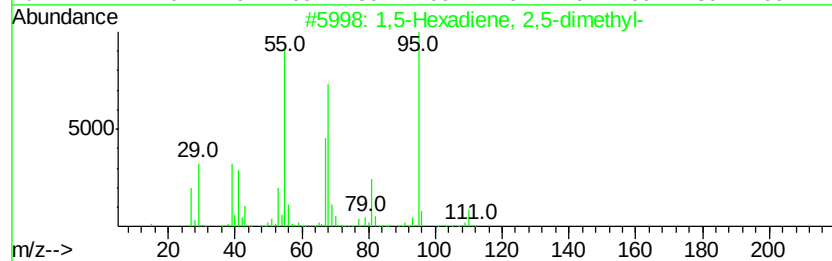
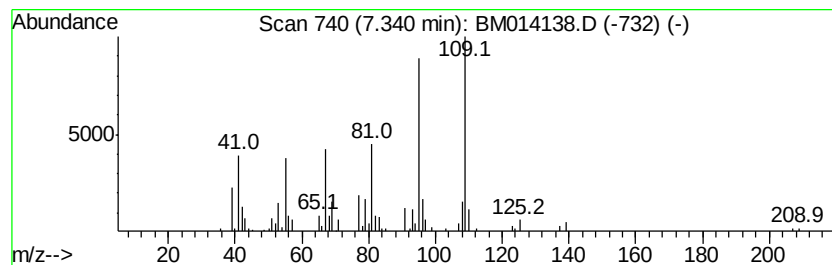
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	5.14 ng/ul	253978	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	46
2			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	43
3			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	43
4			Pyridine, 2-butoxy-	151	C9H13NO	027361-16-6	43
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	43



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

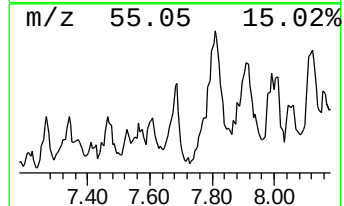
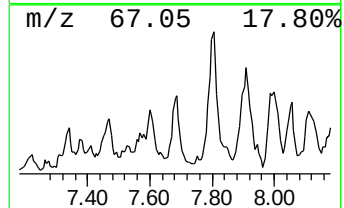
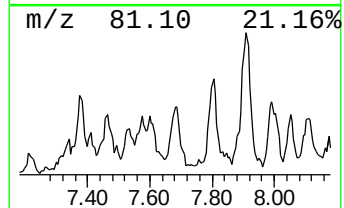
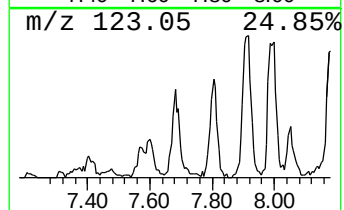
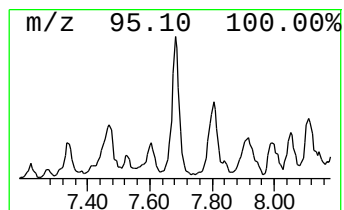
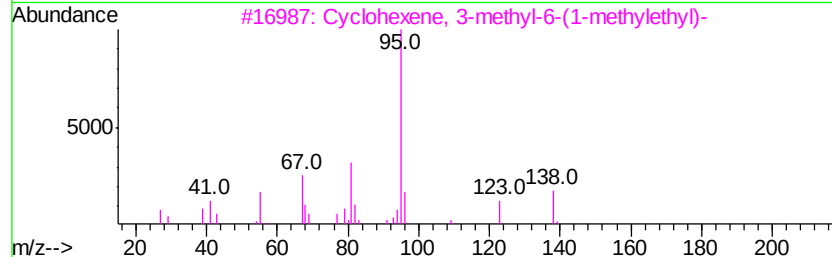
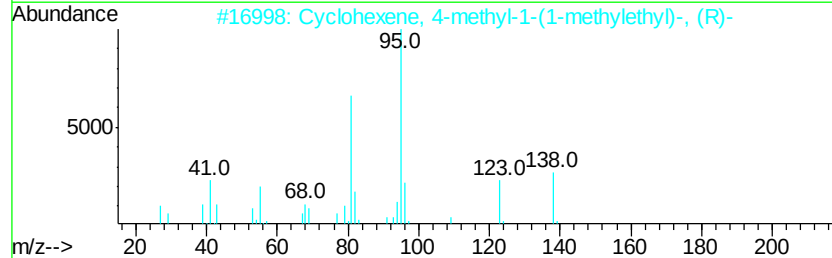
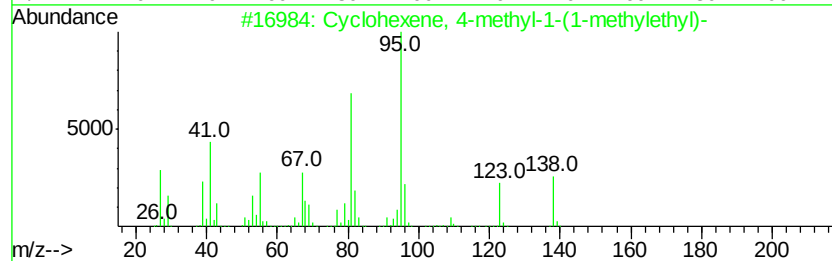
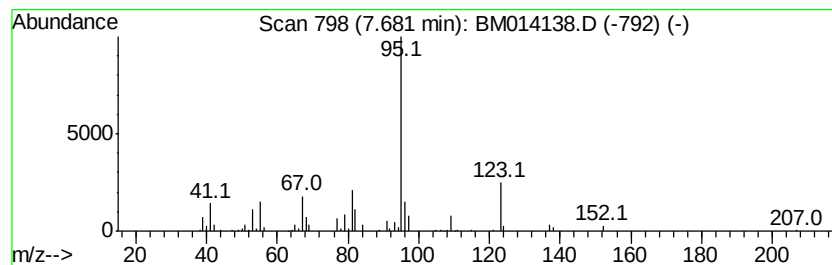
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	9.16 ng/ul	452586	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-methyl-1-(1-methyl-...	138	C10H18	000500-00-5	64
2		Cyclohexene, 4-methyl-1-(1-methyl-...	138	C10H18	000619-52-3	59
3		Cyclohexene, 3-methyl-6-(1-methyl-...	138	C10H18	005256-65-5	59
4		Cyclohexanemethanol, 4-(1-methyl-...	156	C10H20O	013828-37-0	59
5		2-Pyrimidinamine	95	C4H5N3	000109-12-6	53



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

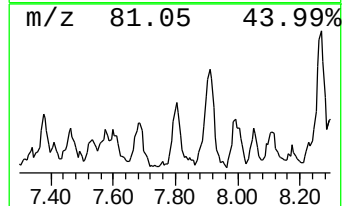
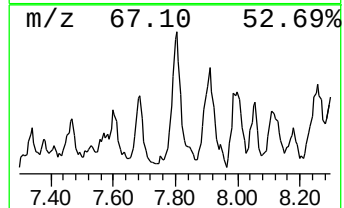
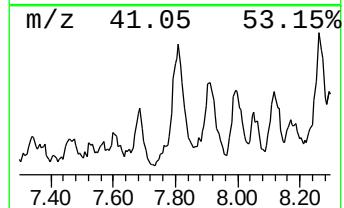
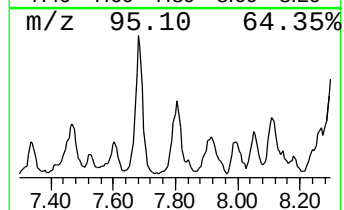
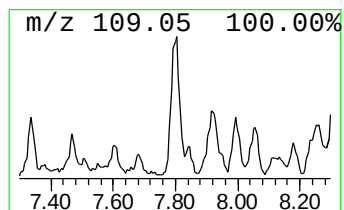
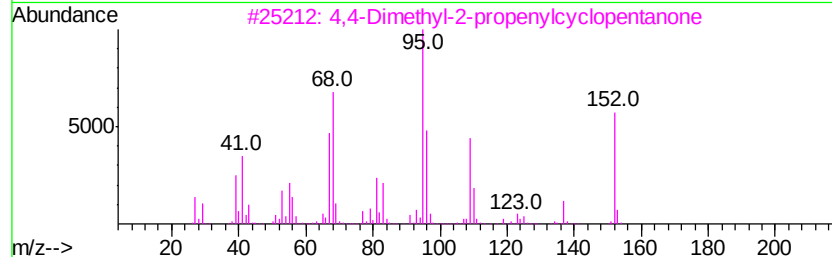
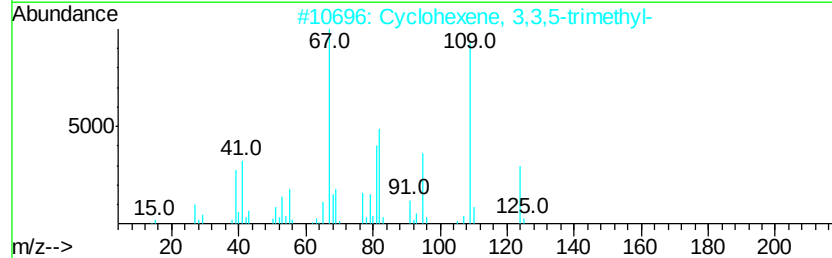
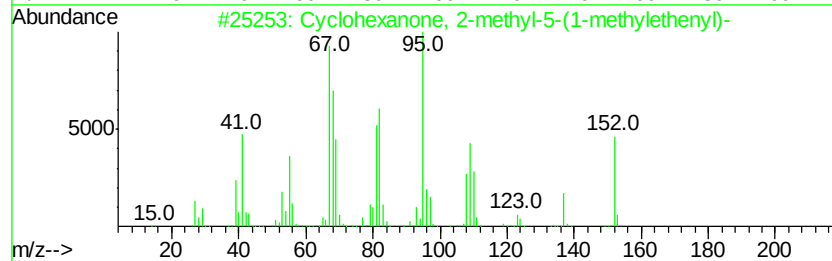
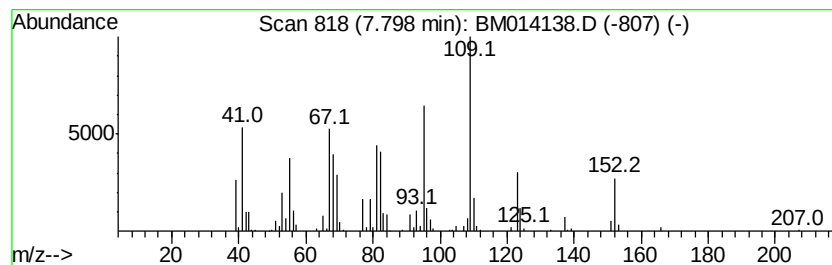
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclohexanone, 2-methyl-5-(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	22.62 ng/ul	1117440	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	58
2		Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	55
3		4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	49
4		1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	46
5		1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	42



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

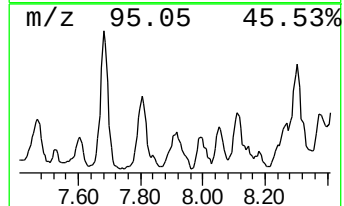
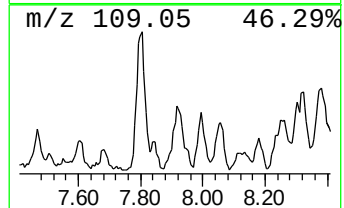
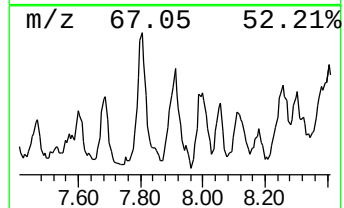
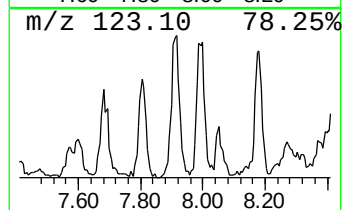
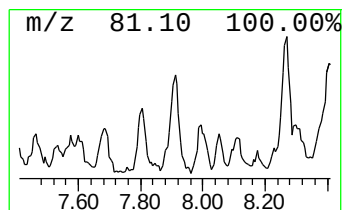
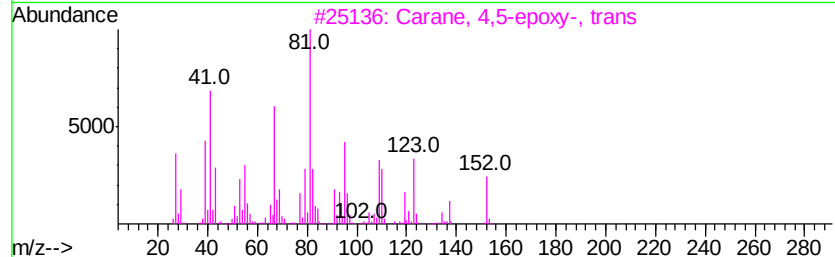
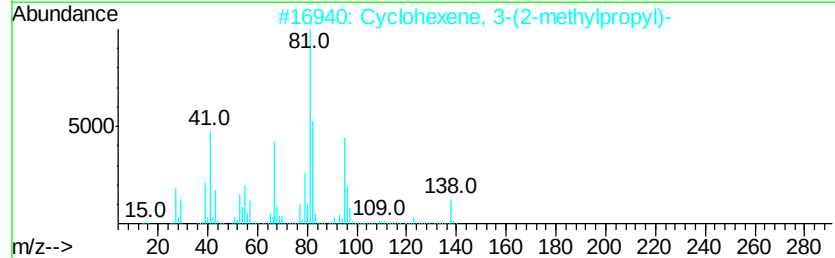
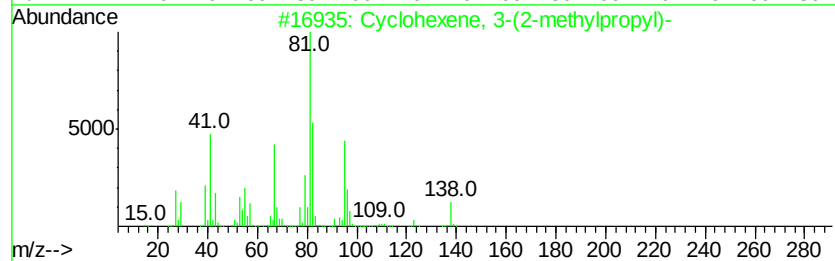
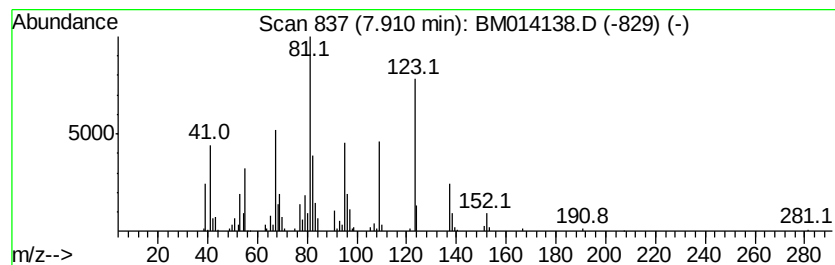
Instrument :
BNA_M
ClientSampleId :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyclohexene, 3-(2-methylpro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.91	13.48 ng/ul	665903	1,4-Dichlorobenzene-d4	7.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	87
2		Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	87
3		Carane, 4,5-epoxv-, trans	152	C10H16O	006909-20-2	68
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	53
5		Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	42



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

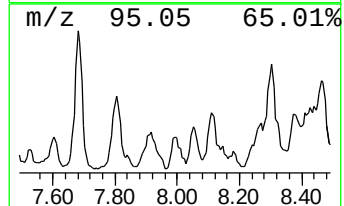
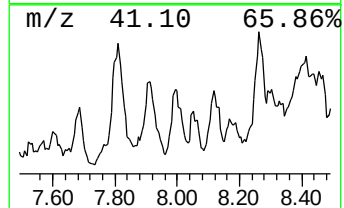
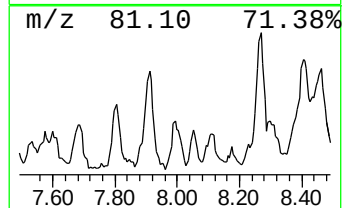
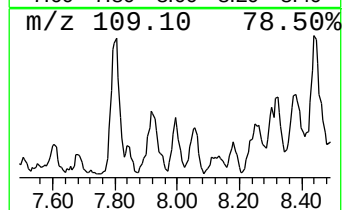
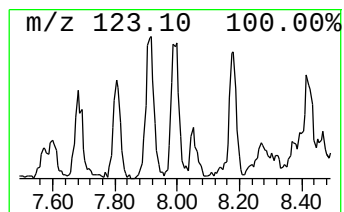
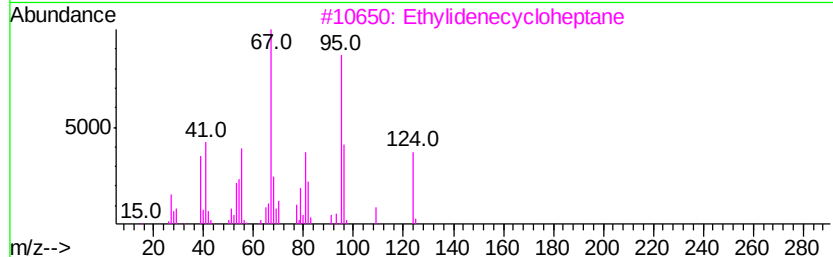
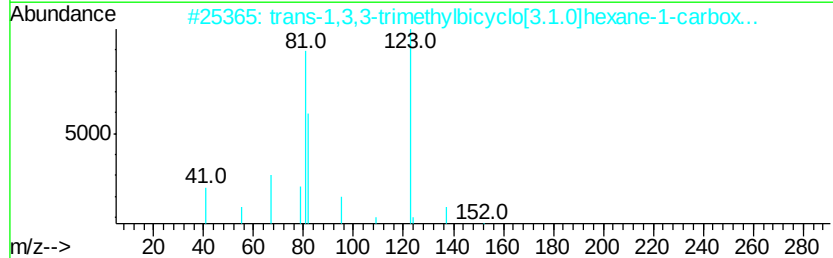
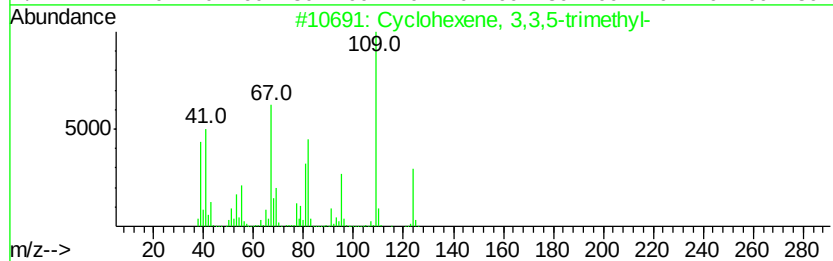
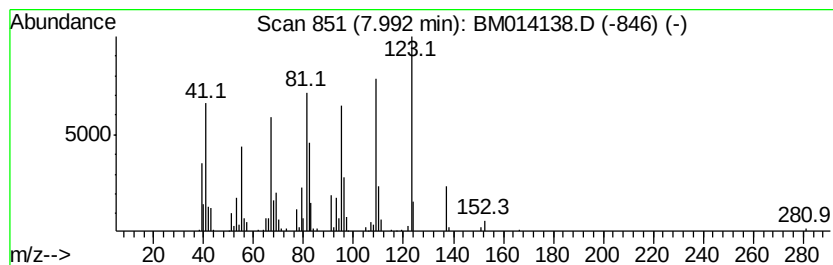
Instrument :
BNA_M
ClientSampleId :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclohexene, 3,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	9.92 ng/ul	489979	1,4-Dichlorobenzene-d4	7.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene, 3,3,5-trimethyl-	124 C9H16	000503-45-7 55
2		trans-1,3,3-trimethylbicyclo[3.1.0]hexane-1-carboxylate	152 C10H16O	1000365-94-1 43
3		Ethylidenecycloheptane	124 C9H16	010494-87-8 38
4		7-Heptadecyne, 1-chloro-	270 C17H31Cl	056554-74-6 38
5		Ethanone, 1-(1,4-dimethyl-3-cyclohexyl)-	152 C10H16O	043219-68-7 30



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6D15

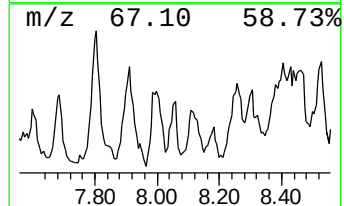
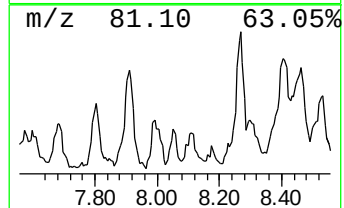
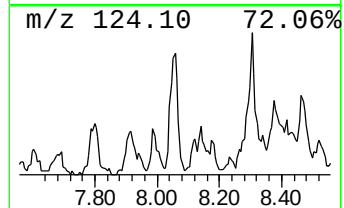
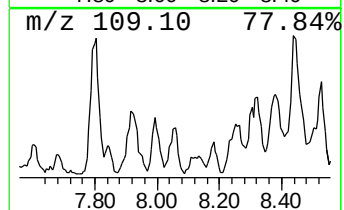
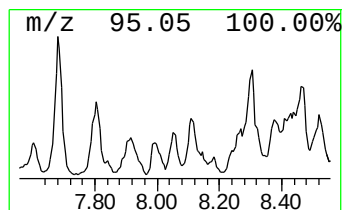
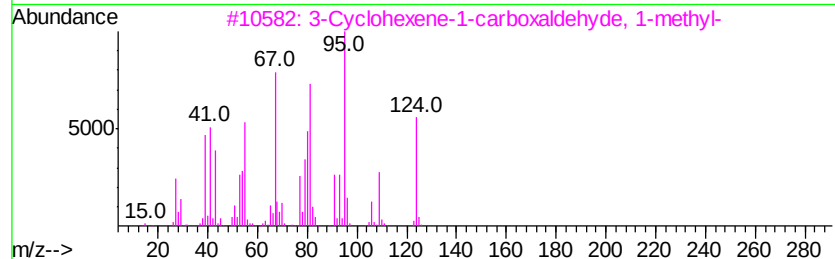
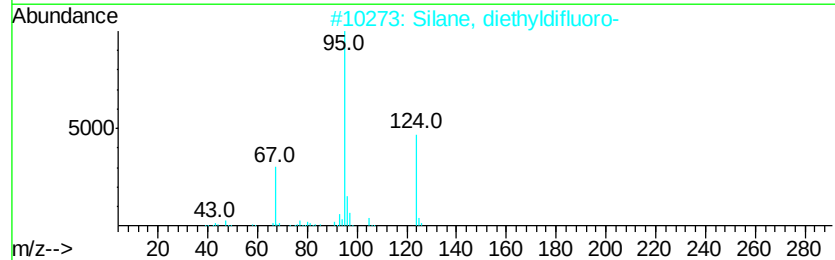
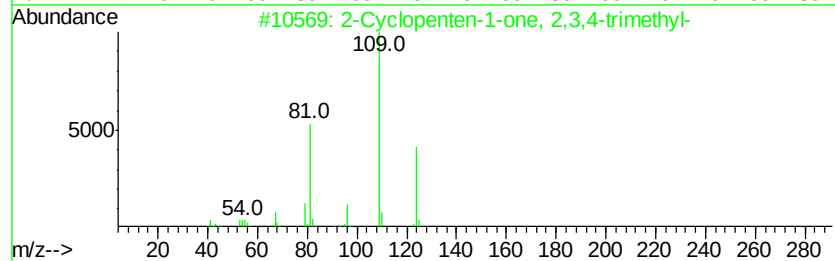
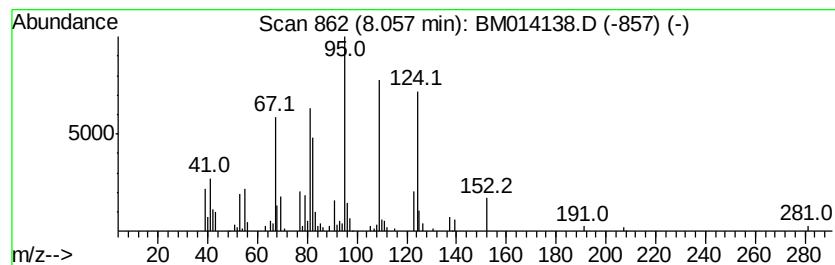
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	4.10 ng/ul	202532	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	50
2			Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	50
3			3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	49
4			1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	45
5			1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	43



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6D15

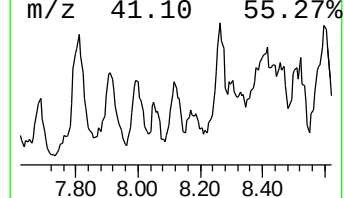
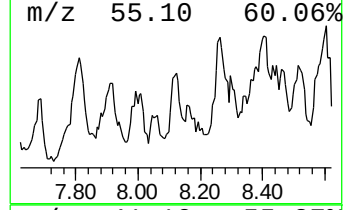
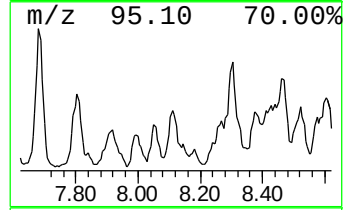
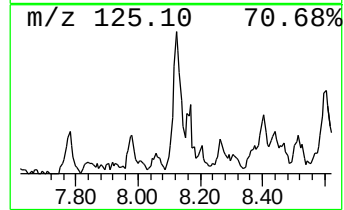
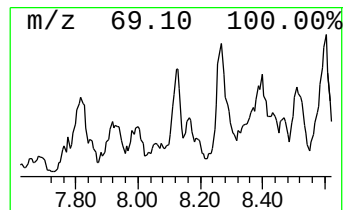
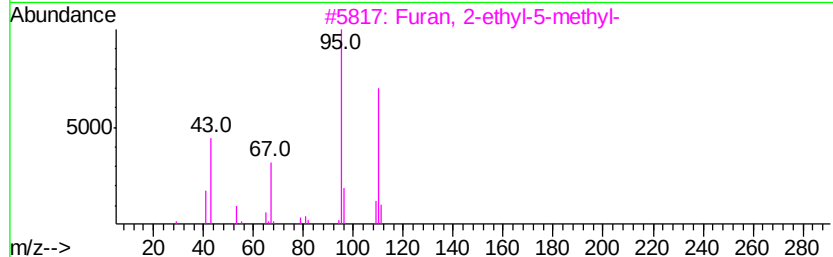
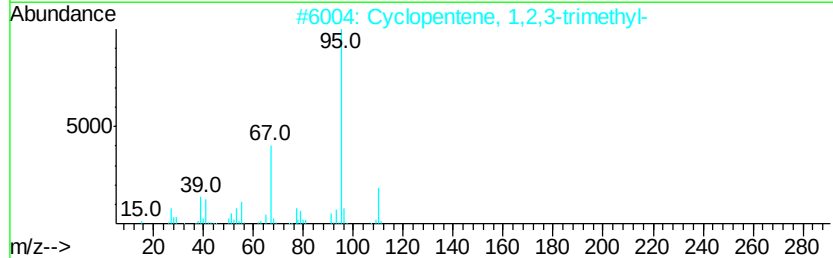
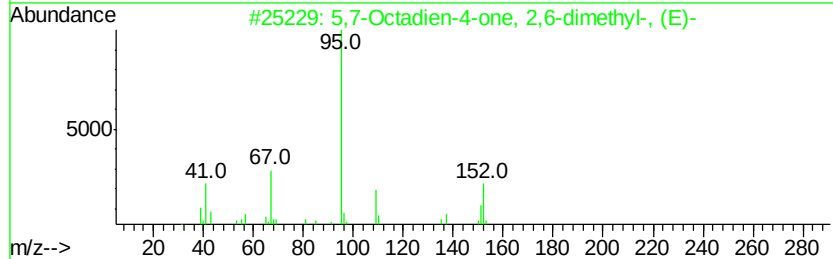
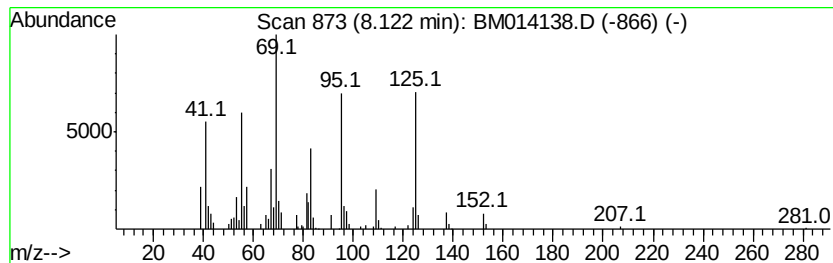
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	7.02 ng/ul	346989	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	47
2			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	46
3			Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	46
4			1,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000927-97-9	43
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

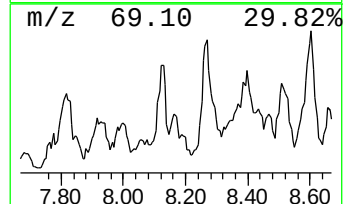
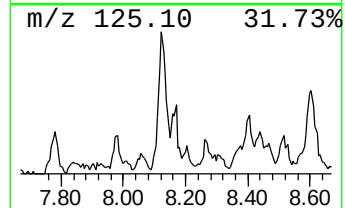
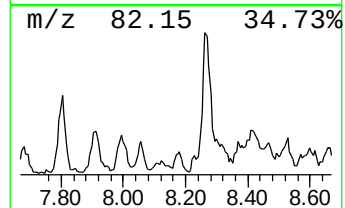
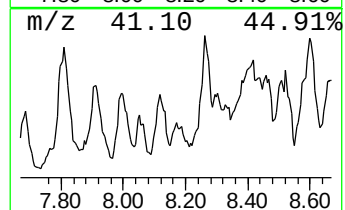
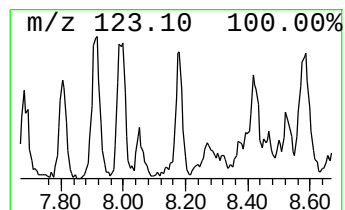
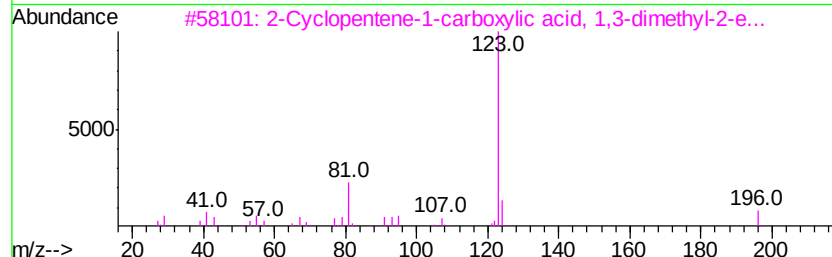
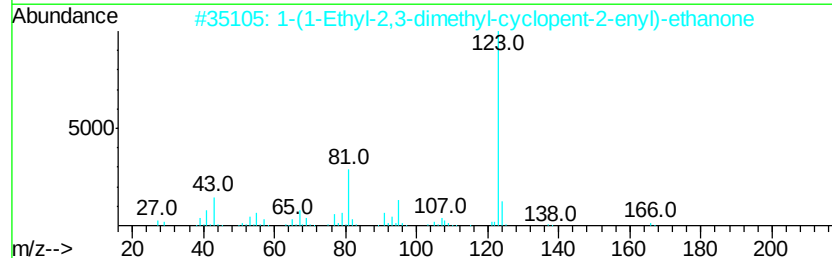
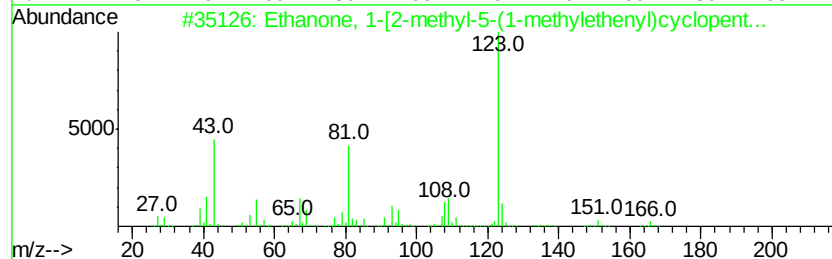
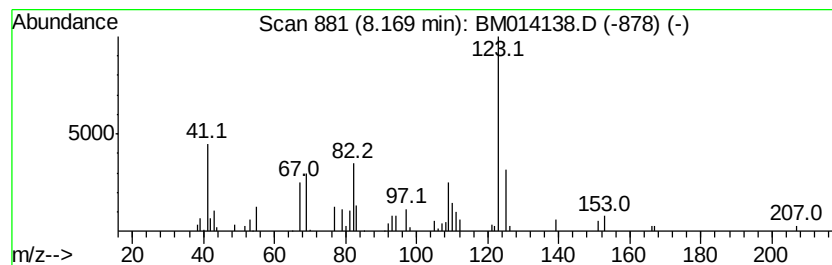
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	3.94 ng/ul	194811	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-[2-methyl-5-(1-methyl-5-(1-methylethenyl)cyclopent-2-enyl)-2-enyl]-ethanone	166	C11H18O	074063-72-2	38
2			1-(1-Ethyl-2,3-dimethyl-cyclopent-2-enyl)-ethanone	166	C11H18O	1000185-18-6	37
3			2-Cyclopentene-1-carboxylic acid, 1,3-dimethyl-2-ethyl-	196	C12H20O2	1000195-65-9	37
4			Ethyl chrysanthemate	196	C12H20O2	000097-41-6	33
5			Cyclopropanecarboxylic acid, 2,2-dimethyl-	328	C21H28O2	000121-21-1	28



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

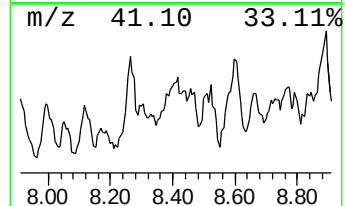
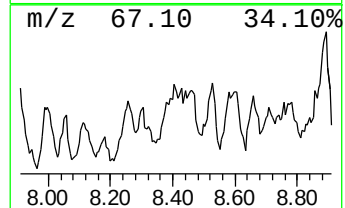
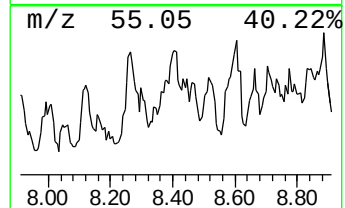
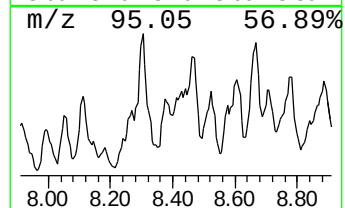
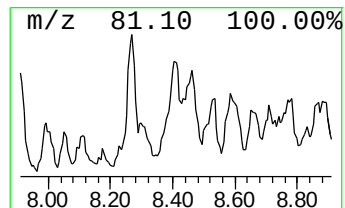
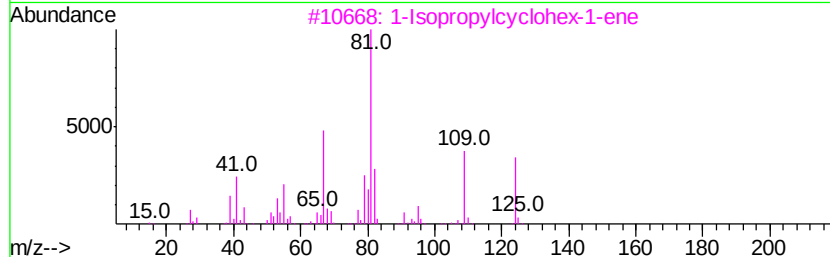
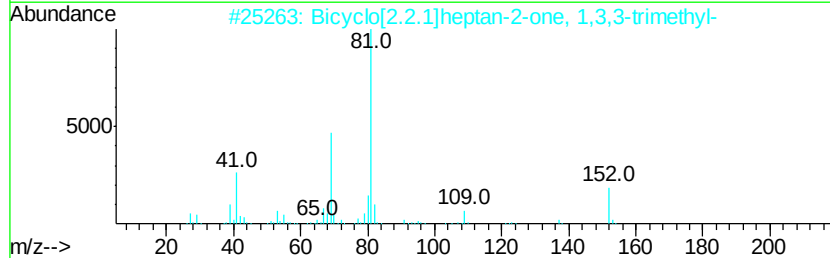
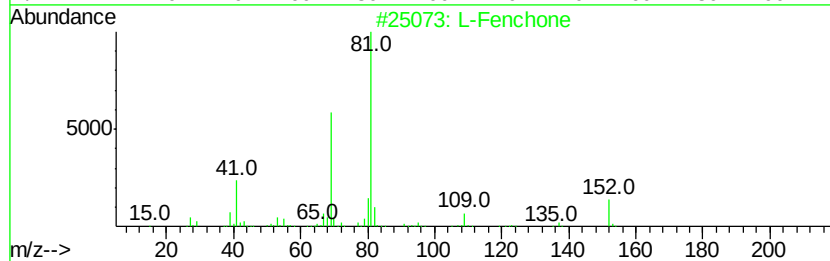
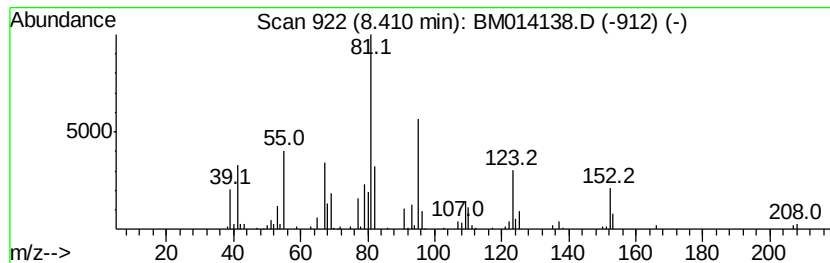
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	11.60 ng/ul	573170	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	L-Fenchone	152	C10H16O	007787-20-4	47
2		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	43
3		1-Isopropylcyclohex-1-ene	124	C9H16	004292-04-0	43
4		1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	41
5		1-Propanone, 1-(3-cyclohexen-1-y...	166	C11H18O	016076-65-6	38



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

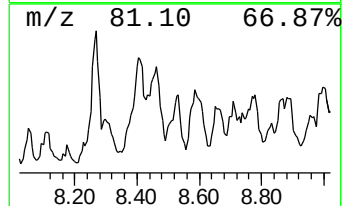
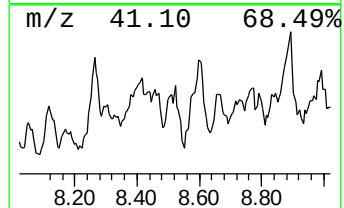
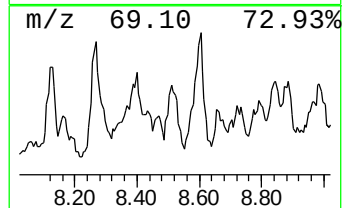
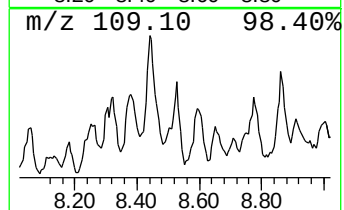
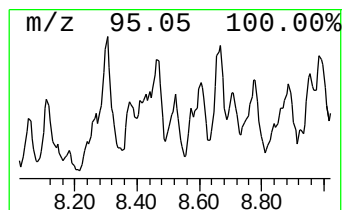
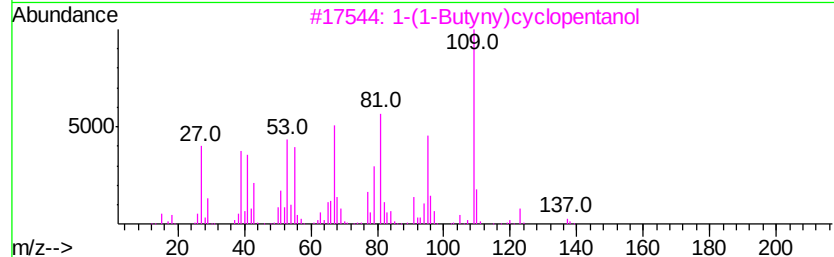
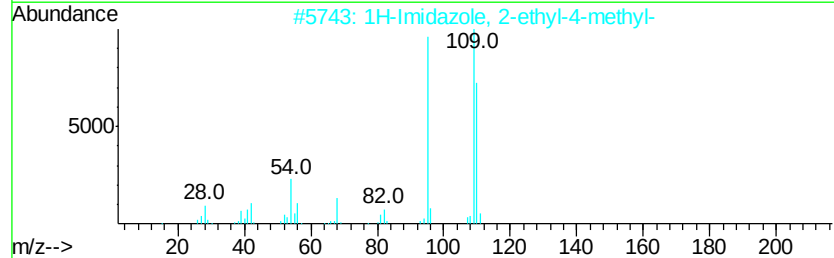
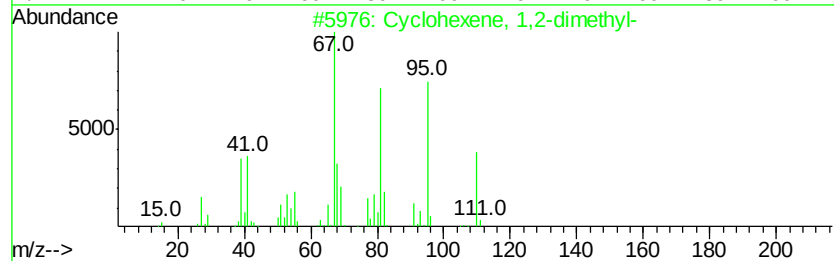
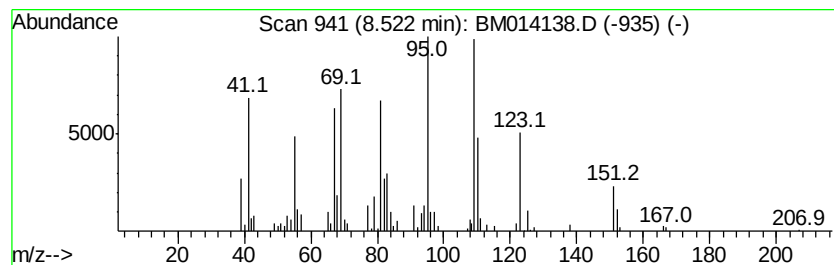
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Cyclohexene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	10.67 ng/ul	527001	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	60
2		1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	49
3		1-(1-Butynyl)cyclopentanol	138	C9H14O	1000342-86-5	46
4		2,4-Hexadiene, 3,4-dimethyl-, (E...)	110	C8H14	002417-88-1	46
5		2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	46



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6D15

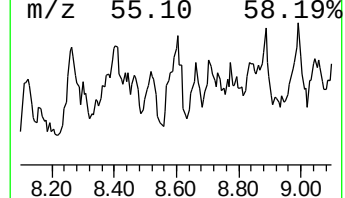
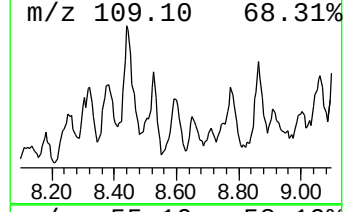
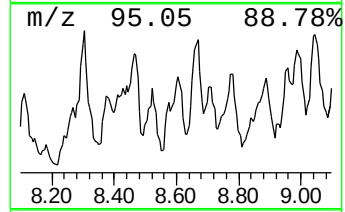
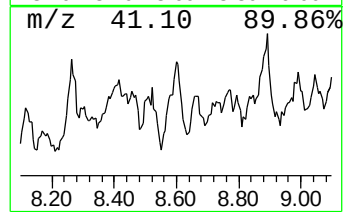
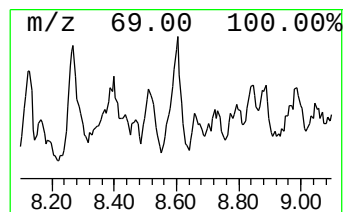
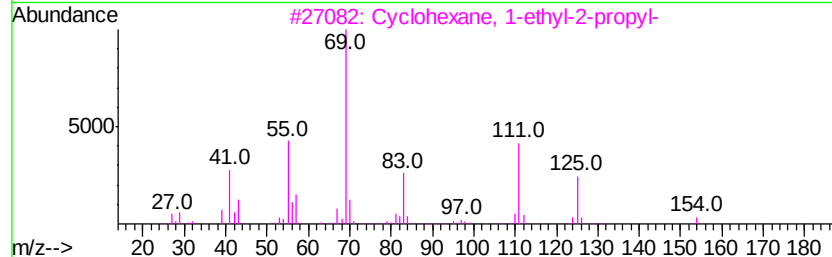
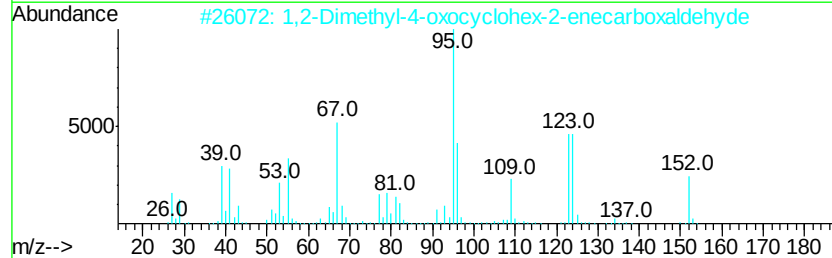
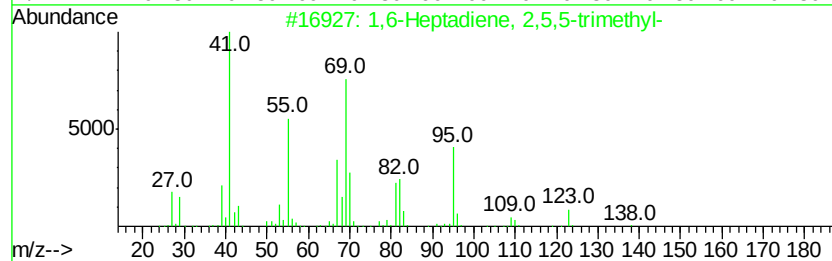
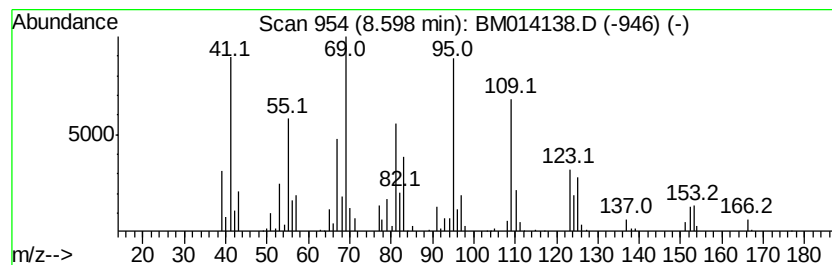
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,6-Heptadiene, 2,5,5-trime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	16.98 ng/ul	839040	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	53
2		1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	38
3		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
4		Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	25
5		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	25



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

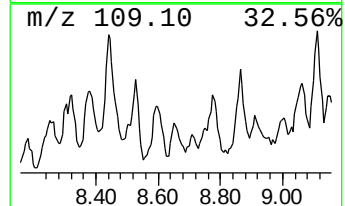
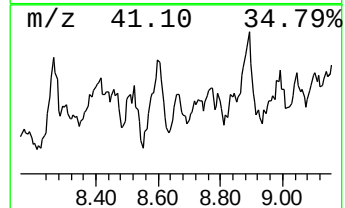
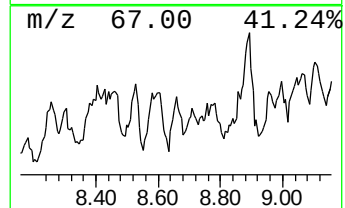
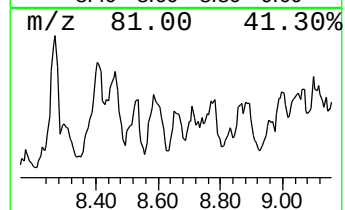
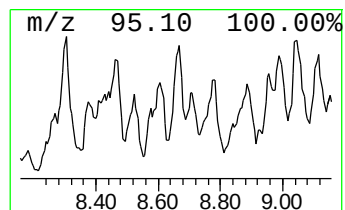
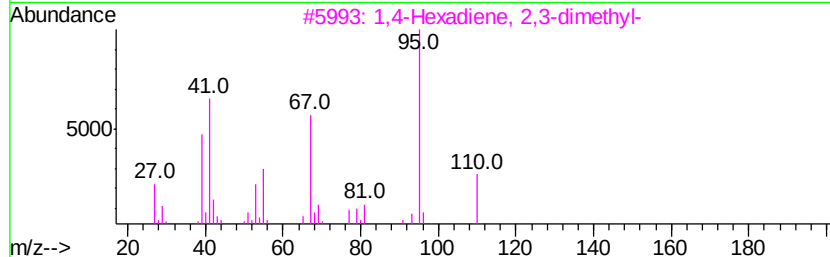
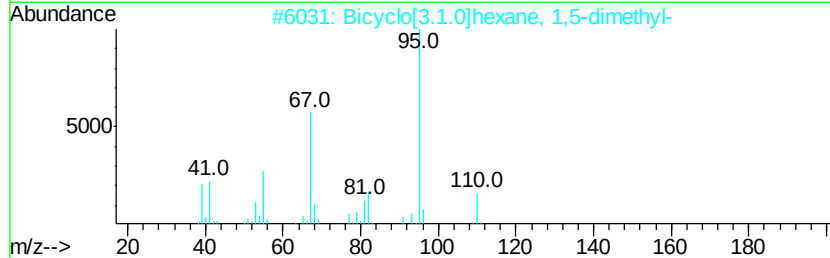
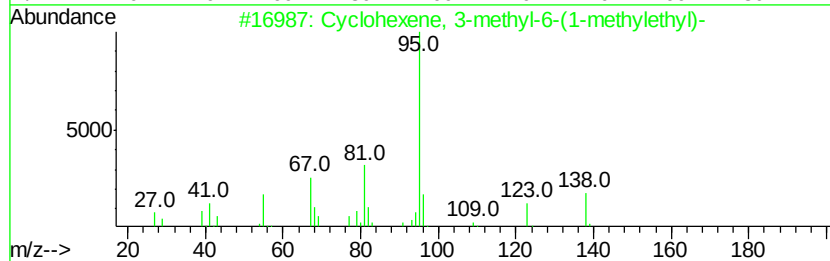
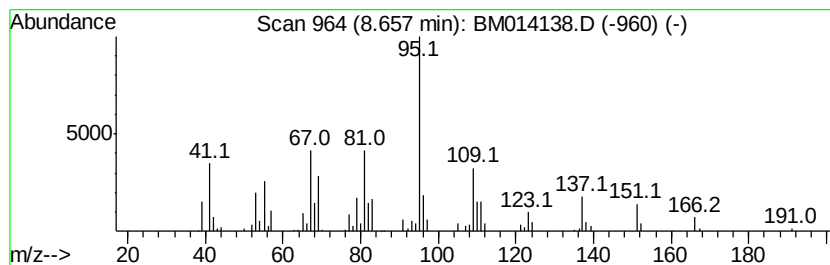
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclohexene, 3-methyl-6-(1-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	7.50 ng/ul	370315	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3-methyl-6-(1-methyl-...	138	C10H18	005256-65-5	64
2		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	52
3		1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	50
4		6-Methyl-2-heptyne	110	C8H14	051065-64-6	50
5		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	50



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

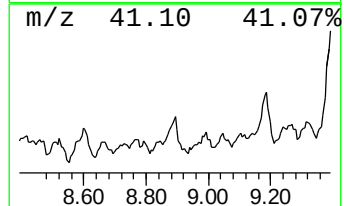
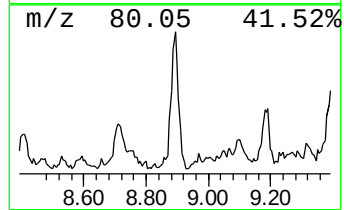
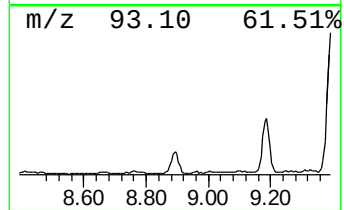
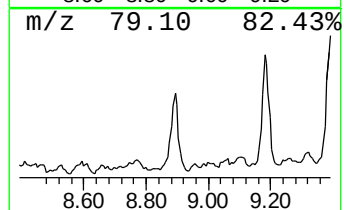
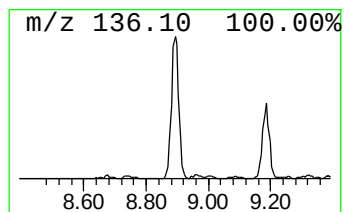
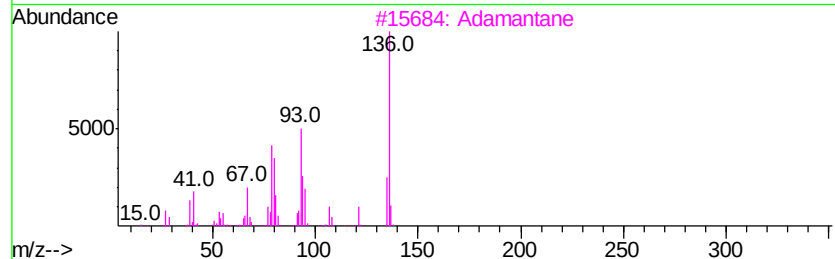
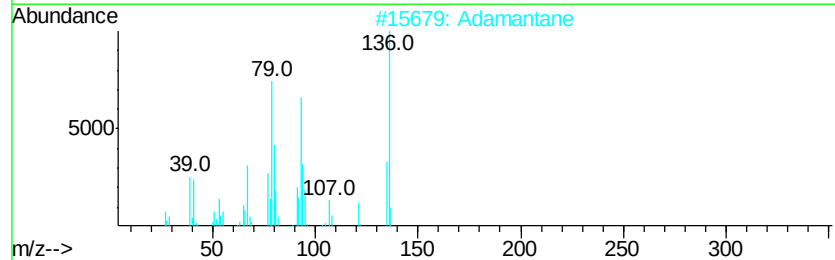
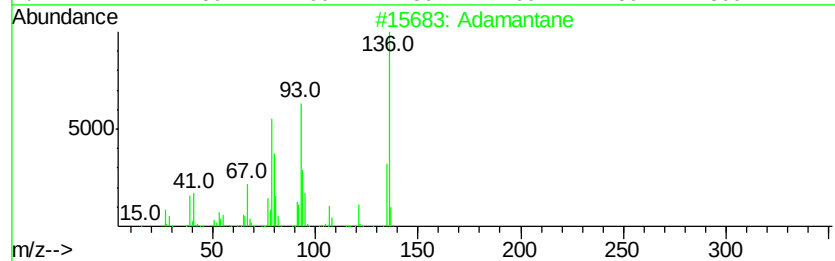
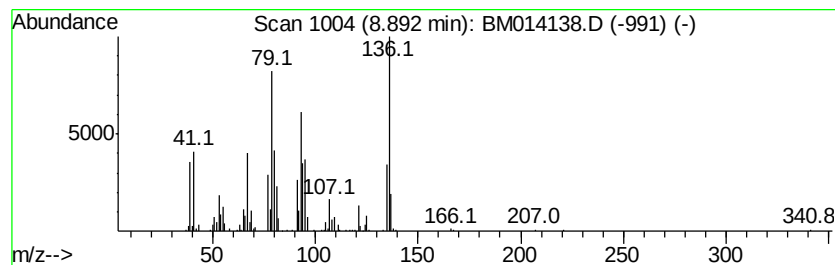
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Adamantane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	23.43 ng/ul	1157660	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	95
2		Adamantane	136	C10H16	000281-23-2	95
3		Adamantane	136	C10H16	000281-23-2	81
4		Bicyclo[3.2.2]non-6-en-3-one	136	C9H12O	1000072-31-7	64
5		1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	58



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

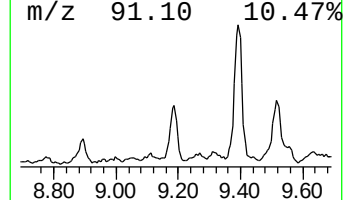
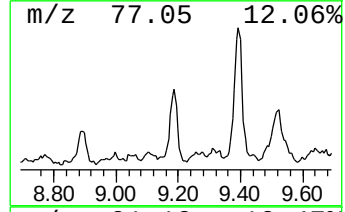
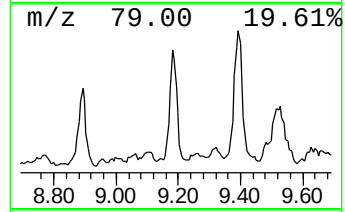
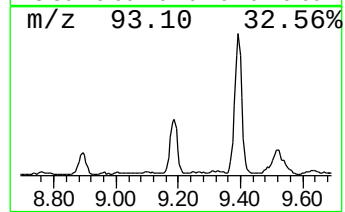
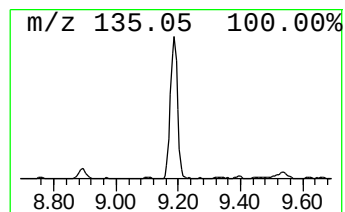
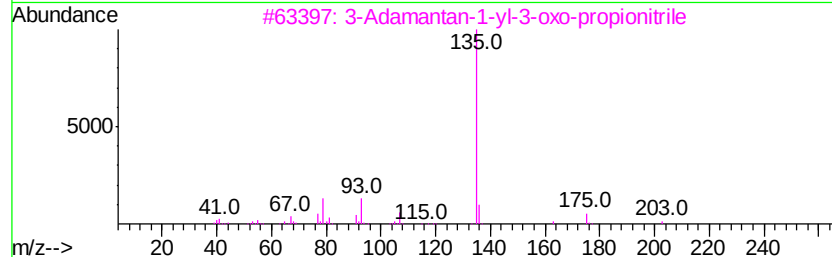
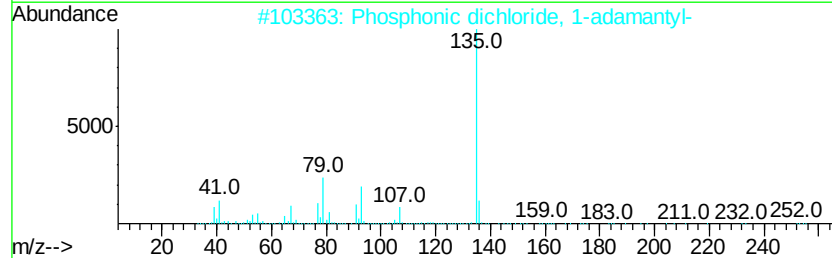
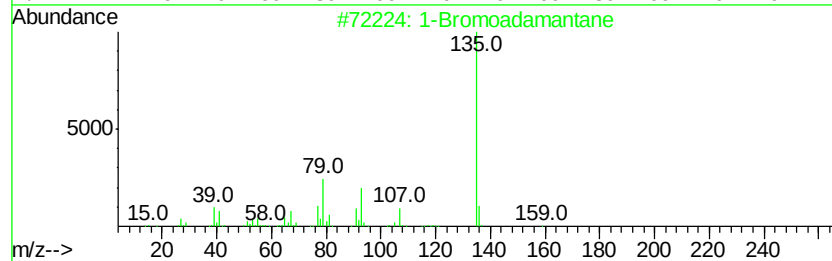
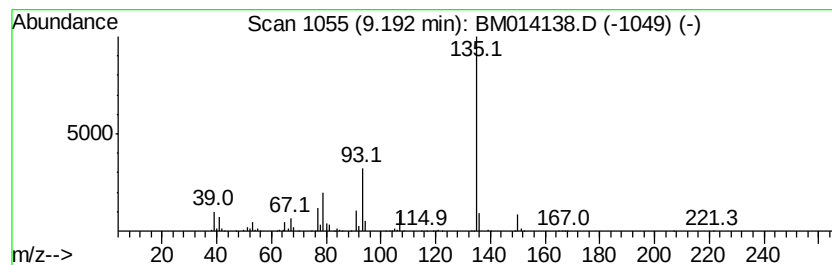
Instrument :
BNA_M
ClientSampleId :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1-Bromoadamantane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	8.28 ng/ul	1471570	Napthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Bromoadamantane	214	C10H15Br	000768-90-1 86
2	Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7 86
3	3-Adamantan-1-yl-3-oxo-propionit...	203	C13H17NO	1000296-74-6 83
4	6-(1-Adamantylamino)-2,4,5-trich...	355	C16H16Cl3N3	339165-88-7 83
5	1-Adamantanecarboxylic acid chlo...	198	C11H15ClO	002094-72-6 78



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

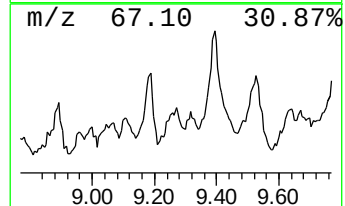
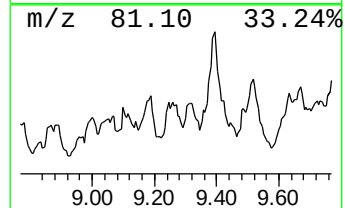
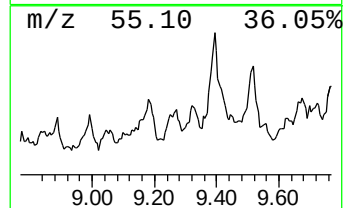
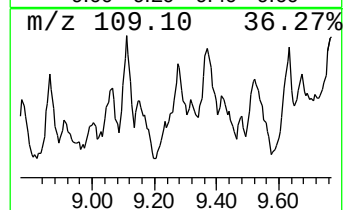
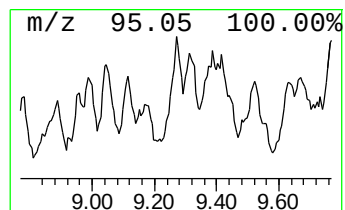
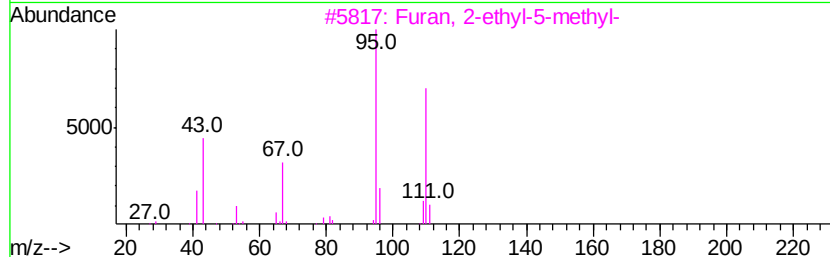
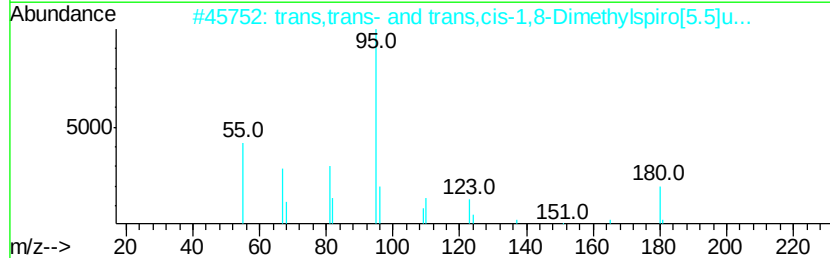
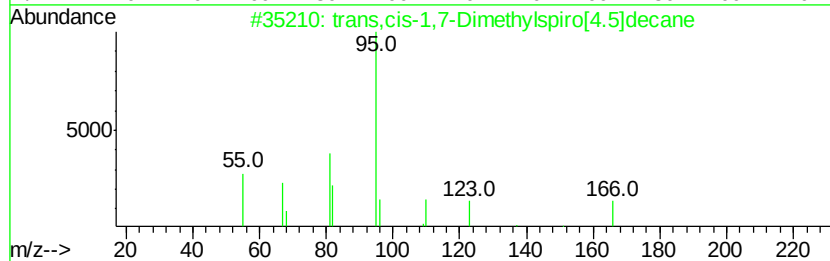
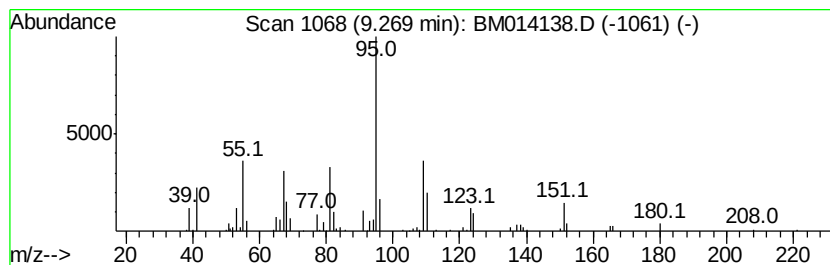
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 trans,cis-1,7-Dimethylspiro... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.80 ng/ul	497743	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	59
2		trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	59
3		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	53
4		Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	52
5		Spiro[2.3]hexan-5-one, 4,4-diethyl-	152	C10H16O	1000154-16-2	50



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

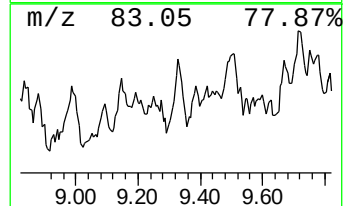
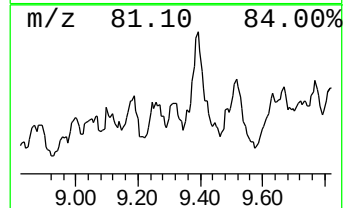
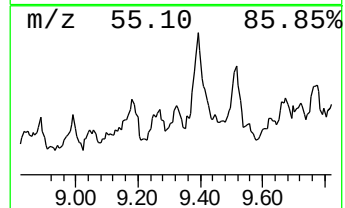
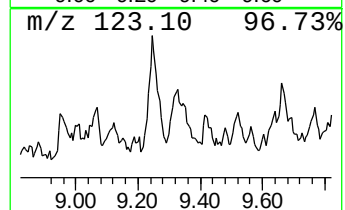
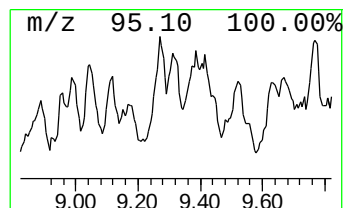
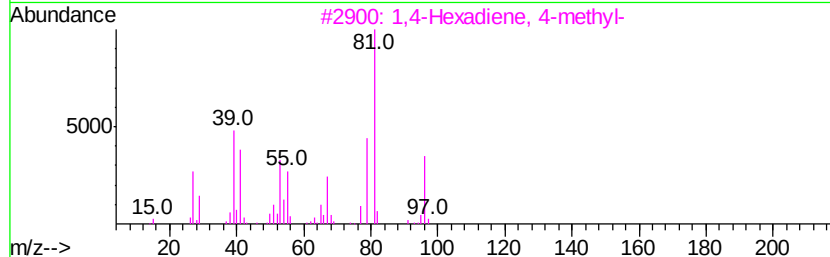
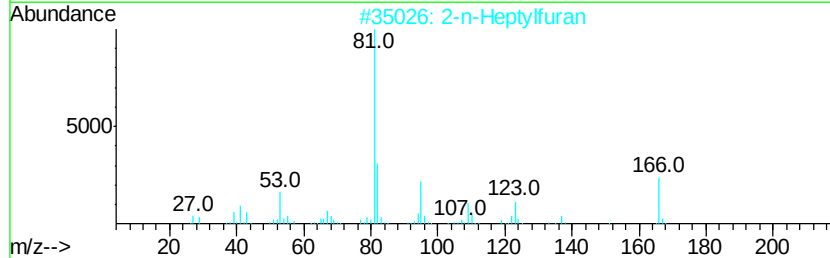
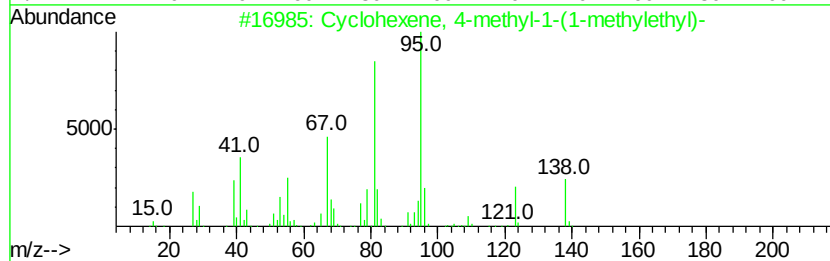
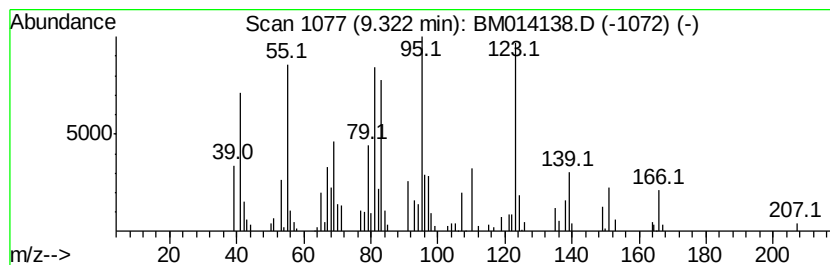
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-05 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.12 ng/ul	377374	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-methyl-1-(1-methyl-...	138	C10H18	000500-00-5	25
2		2-n-Heptylfuran	166	C11H18O	003777-71-7	18
3		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	15
4		cis-7-Oxabicyclo[4.3.0]nonan-8-one	140	C8H12O2	024871-12-3	15
5		2-(2-Furyl)-2,5-dimethyltetrahyd...	166	C10H14O2	343788-24-9	14



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

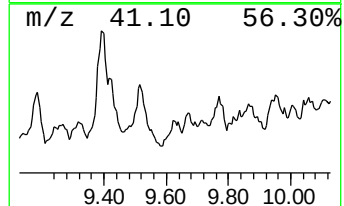
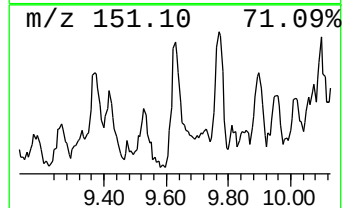
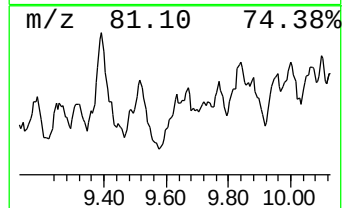
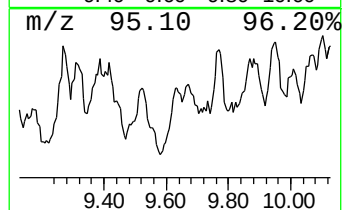
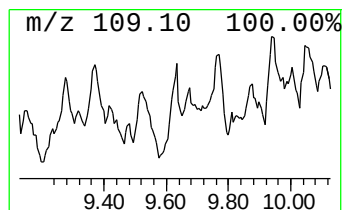
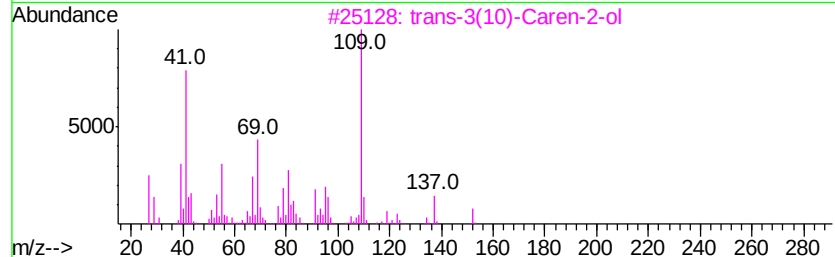
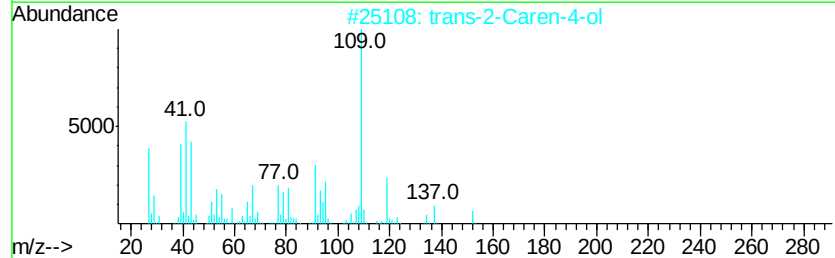
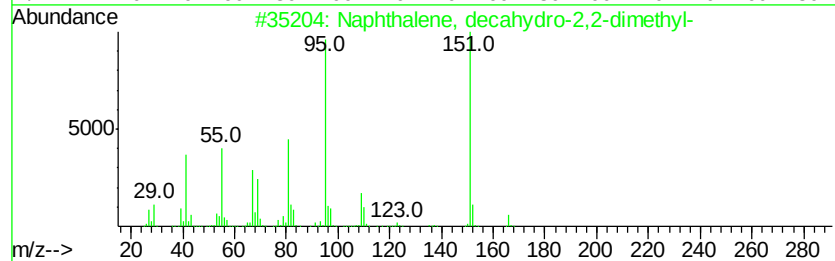
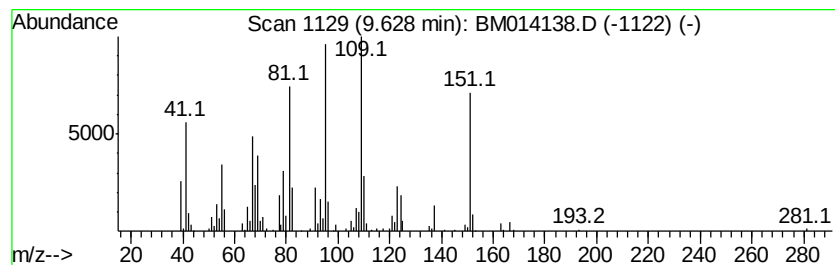
Instrument :
BNA_M
ClientSampled :
F6D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	4.16 ng/ul	739208	Naphthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2,2-dimet...	166 C12H22	031124-85-3 30
2		trans-2-Caren-4-ol	152 C10H16O	004017-82-7 25
3		trans-3(10)-Caren-2-ol	152 C10H16O	1000151-66-5 25
4		trans,trans-3,5-Heptadien-2-one	110 C7H10O	018402-90-9 25
5		Cyclopropane, tetramethylmethylen-	110 C8H14	054376-39-5 25



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

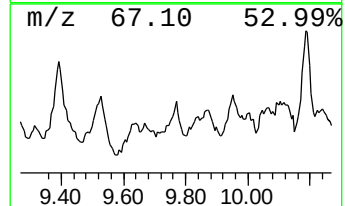
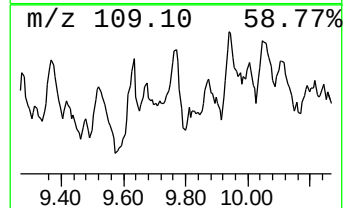
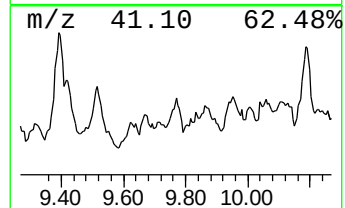
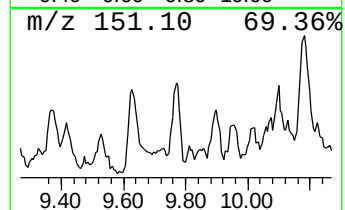
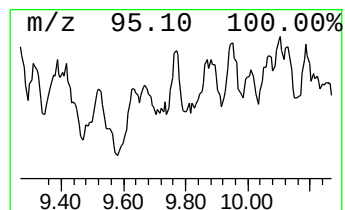
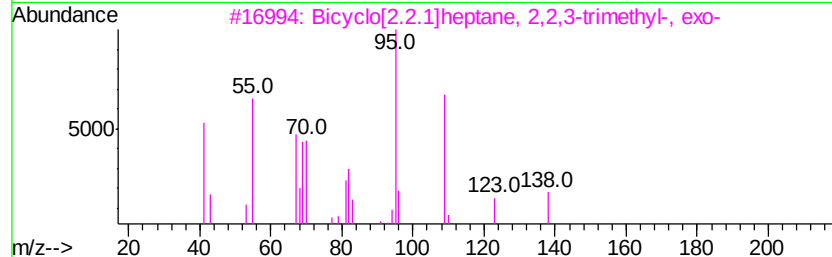
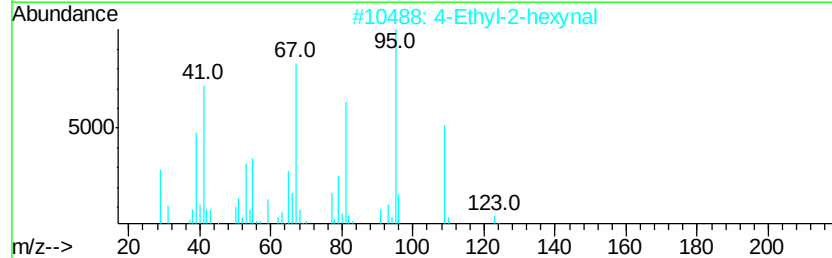
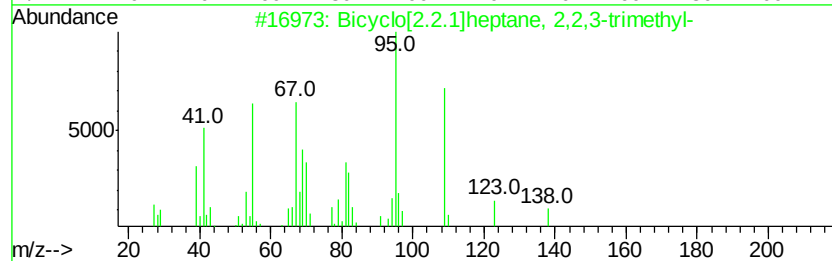
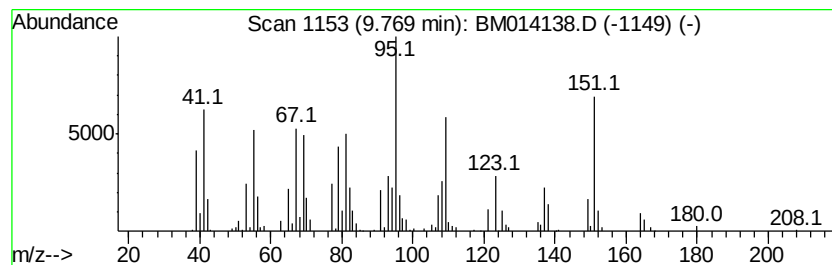
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-07 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.98 ng/ul	529893	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	46
2		4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	43
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	38
4		4-Acetyl-1-methylcyclohexene	138	C9H14O	006090-09-1	38
5		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	38



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

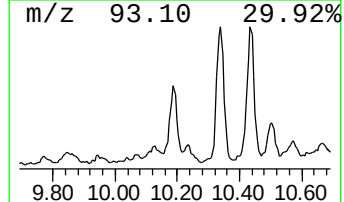
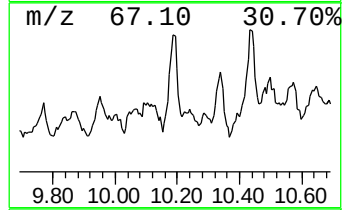
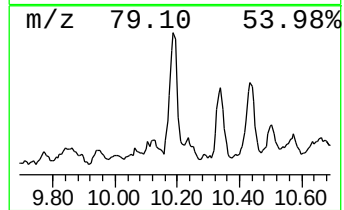
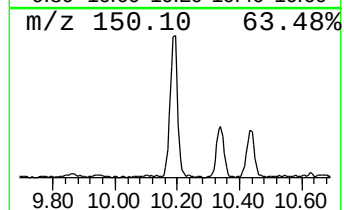
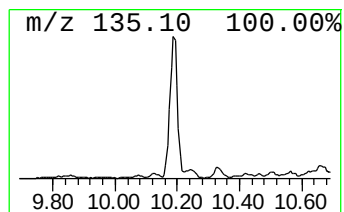
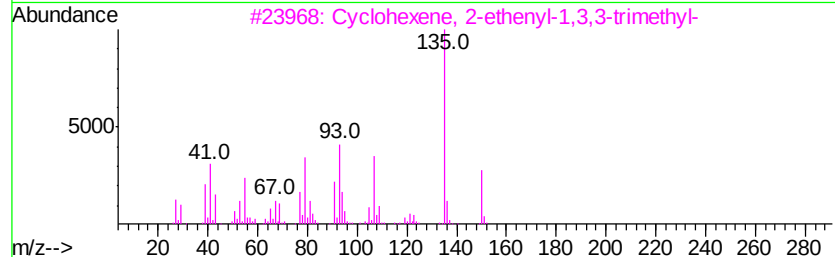
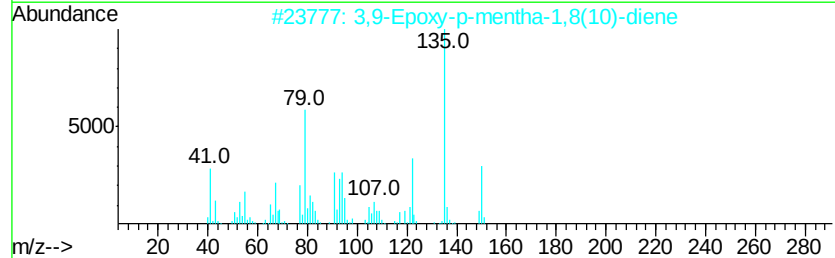
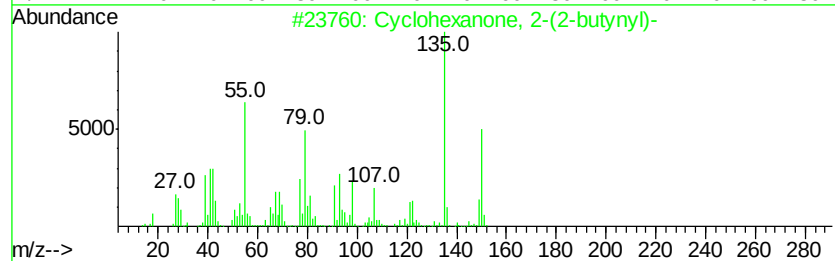
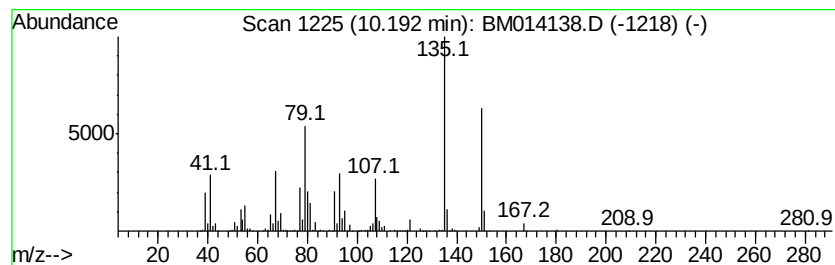
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Cyclohexanone, 2-(2-butylnyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	12.72 ng/ul	2260980	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-(2-butylnyl)-	150	C10H14O	054166-48-2	91
2		3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	83
3		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	83
4		Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	83
5		2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	80



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

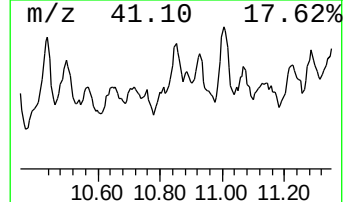
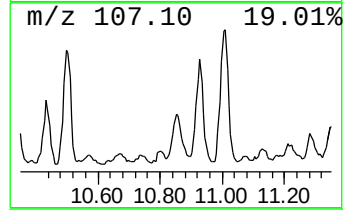
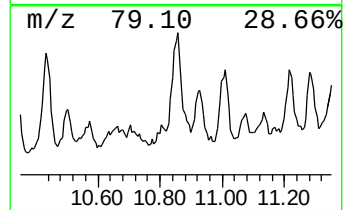
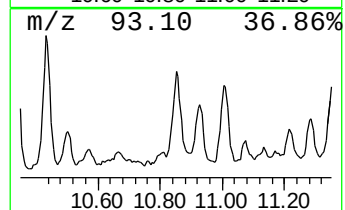
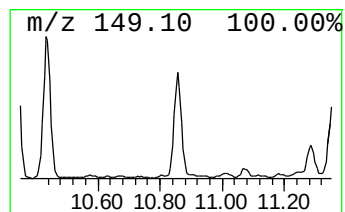
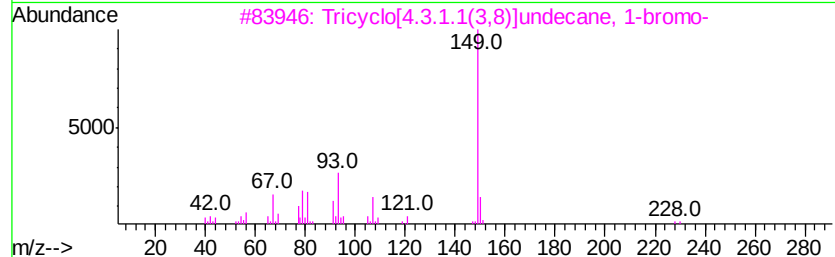
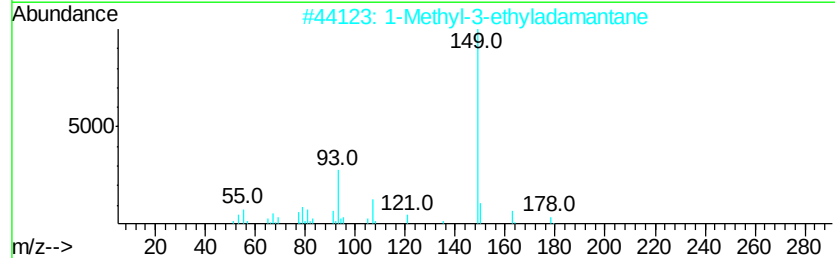
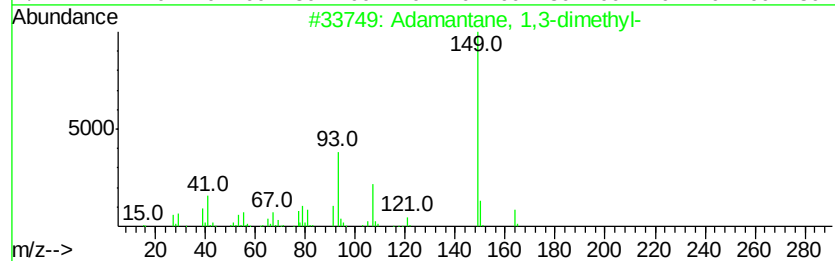
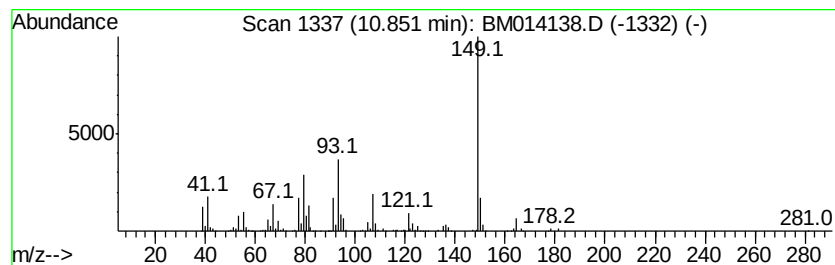
Instrument :
BNA_M
ClientSampleId :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 Adamantane, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	12.90 ng/ul	2293030	Naphthalene-d8	10.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	72
2	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	64
3	Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	59
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	50
5	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	50



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

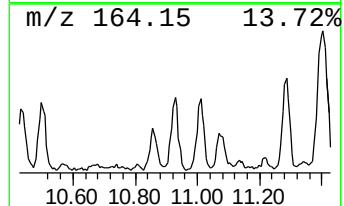
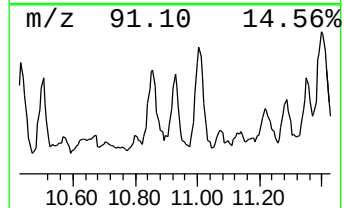
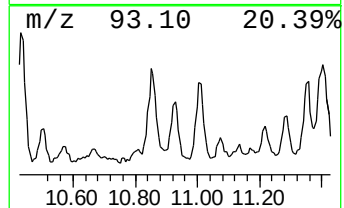
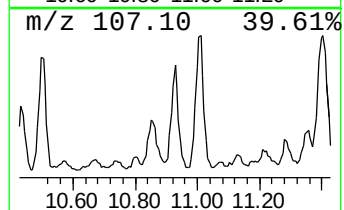
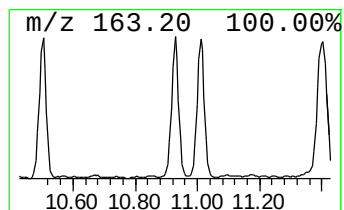
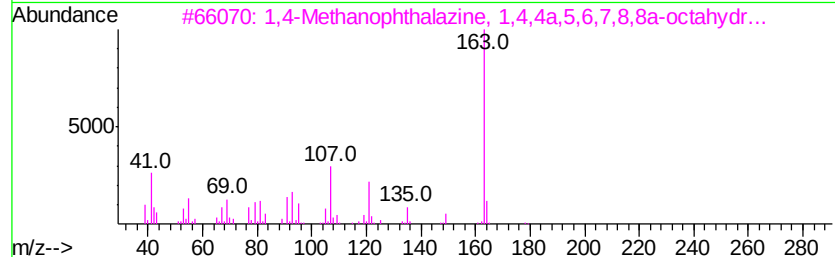
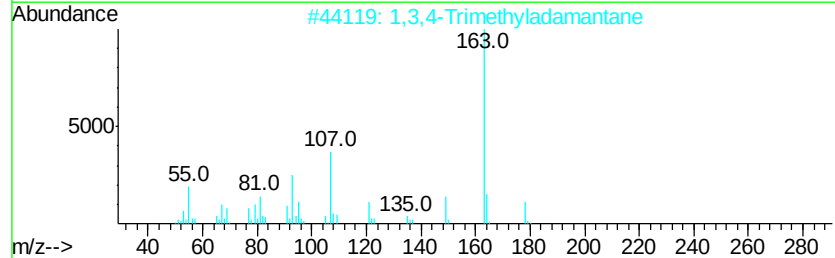
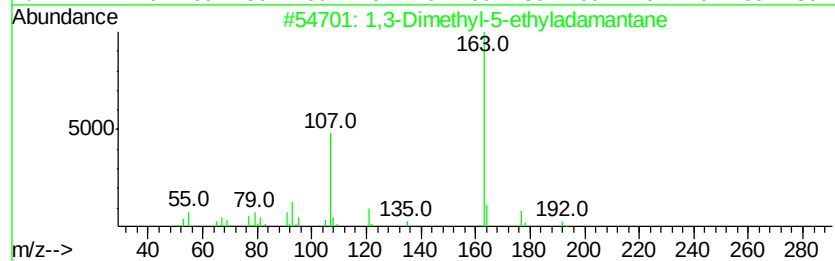
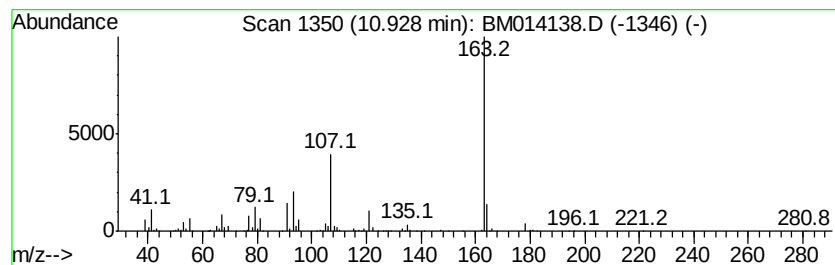
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,3-Dimethyl-5-ethyladamantane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	9.22 ng/ul	1639630	Naphthalene-d8	10.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	78
2			1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	78
3			1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	72
4			1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	56
5			1,3-Diethyladamantane	192	C14H24	025074-51-5	53



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

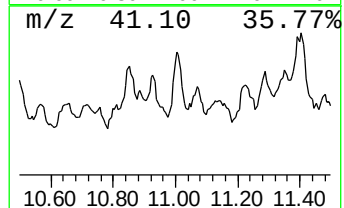
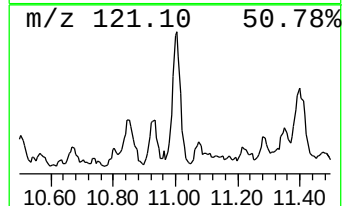
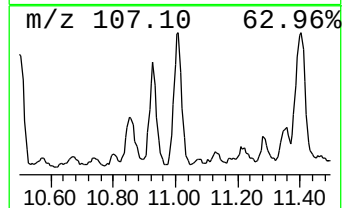
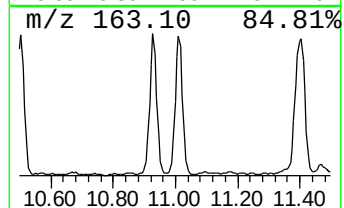
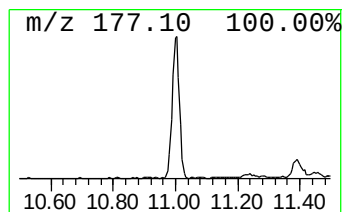
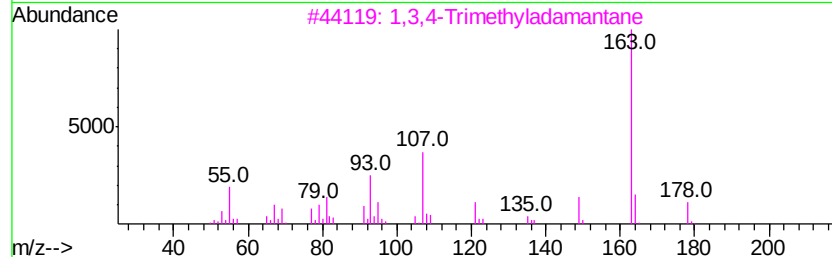
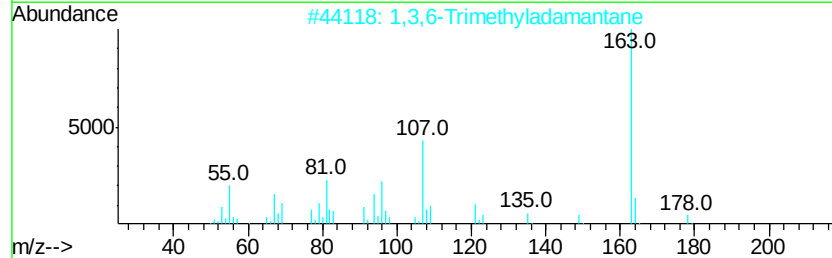
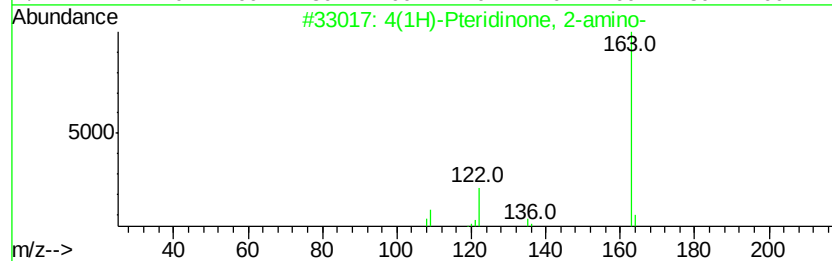
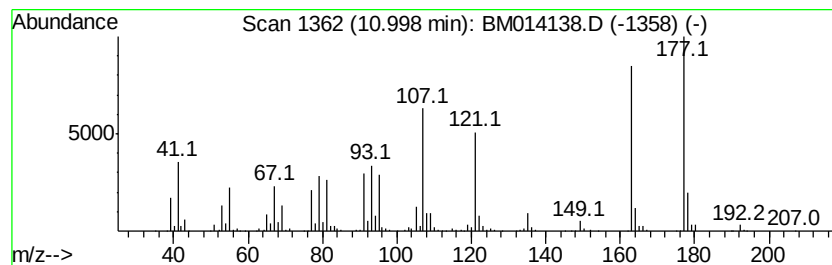
Instrument :
BNA_M
ClientSampleId :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.00	15.20 ng/ul	2702370	Naphthalene-d8	10.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	47
2	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	38
3	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	38
4	Cyclopropanecarboxylic acid, 3-(...	360	C21H28O5	000121-20-0	27
5	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	22



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

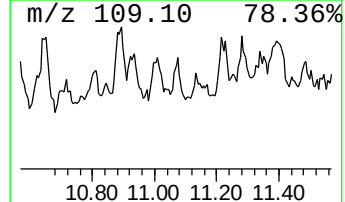
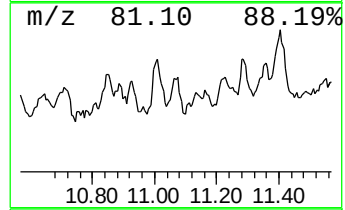
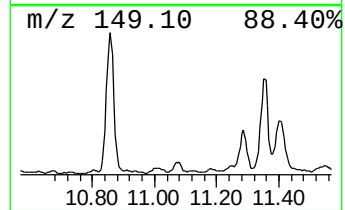
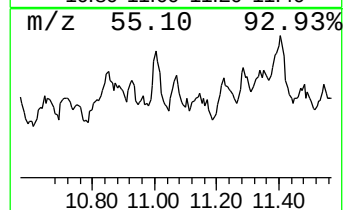
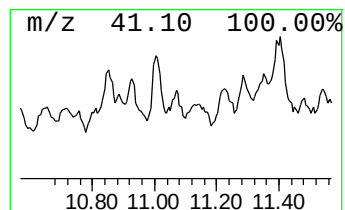
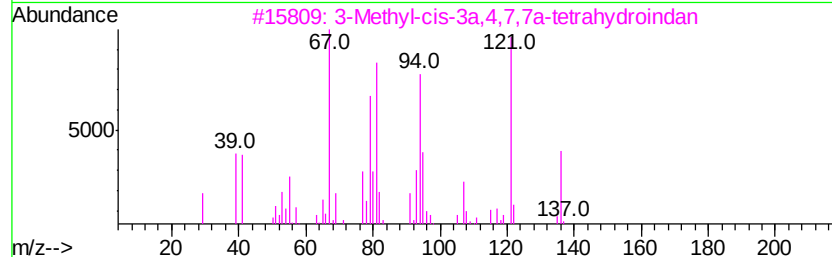
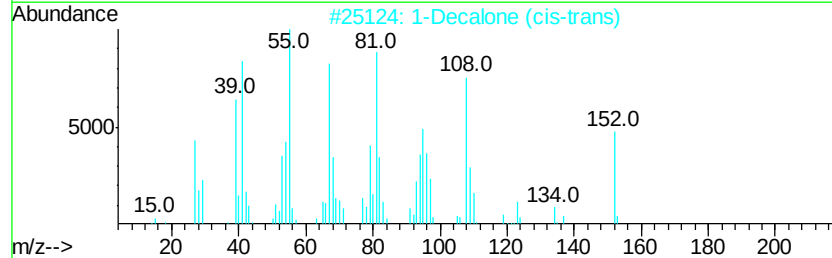
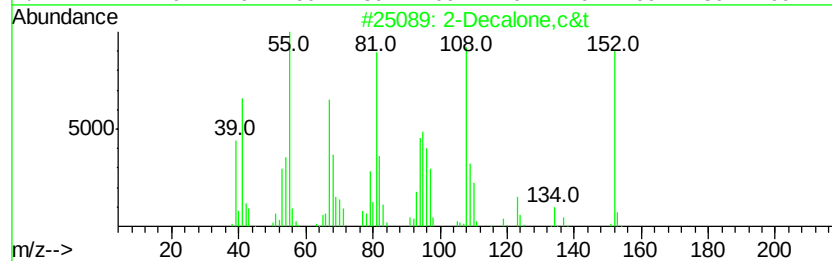
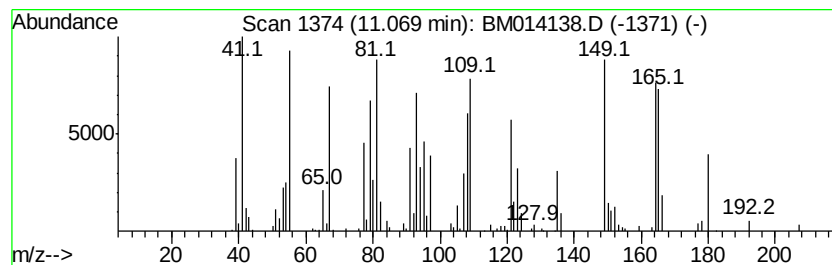
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-09 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.17 ng/ul	563867	Naphthalene-d8	10.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decalone,c&t	152	C10H16O	004832-17-1	38
2			1-Decalone (cis-trans)	152	C10H16O	004832-16-0	38
3			3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	38
4			Tricyclo[5.4.0.0(1,3)]undecane	150	C11H18	1000280-74-7	35
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	30



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

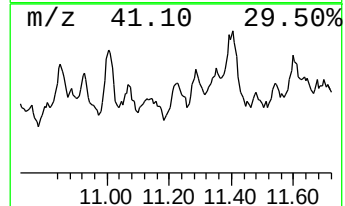
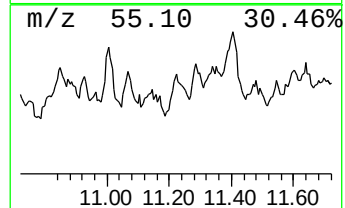
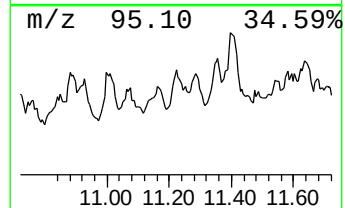
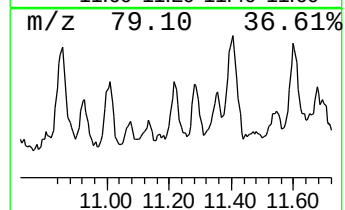
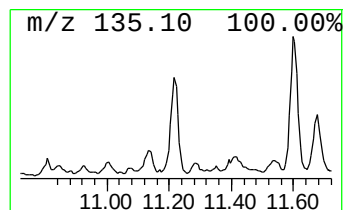
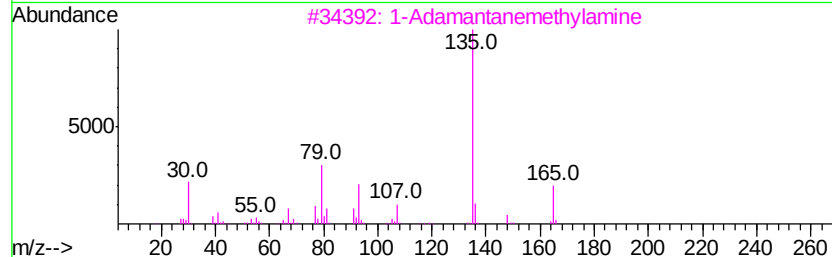
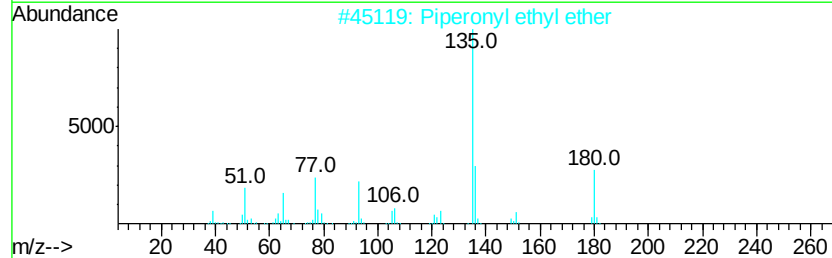
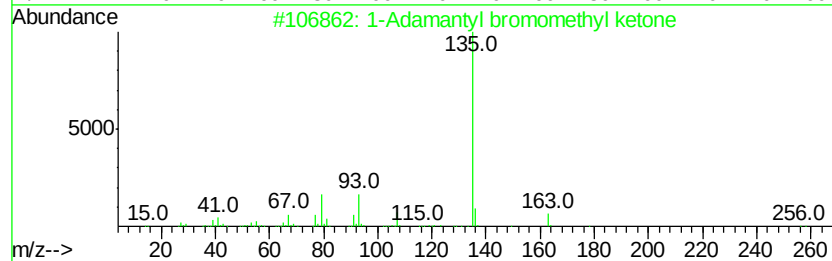
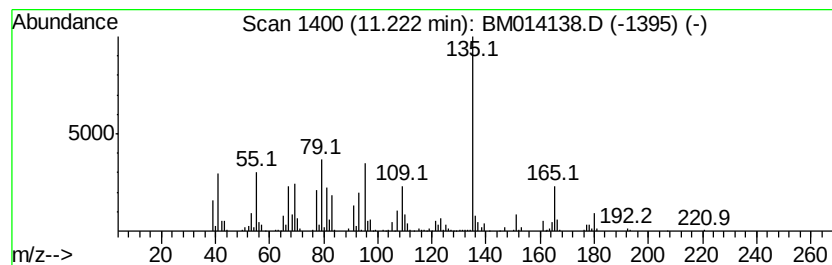
Instrument :
BNA_M
ClientSampleId :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 1-Adamantyl bromomethyl ketone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	8.94 ng/ul	1588950	Napthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Adamantyl bromomethyl ketone	256 C12H17BrO	005122-82-7 50
2		Piperonyl ethyl ether	180 C10H12O3	1000378-91-9 49
3		1-Adamantanemethylamine	165 C11H19N	017768-41-1 47
4		9-Iodotricyclo[4.2.1.1(2,5)]decane	262 C10H15I	1000194-77-8 47
5		Adamantane-1-carboxylic acid	180 C11H16O2	000828-51-3 46



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

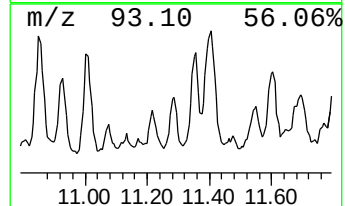
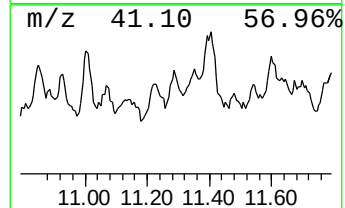
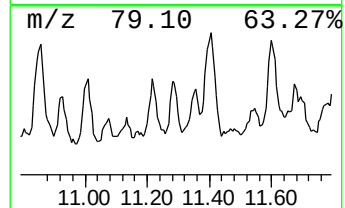
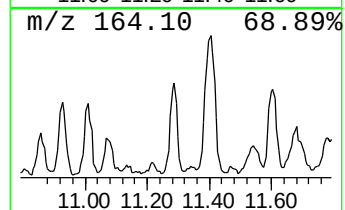
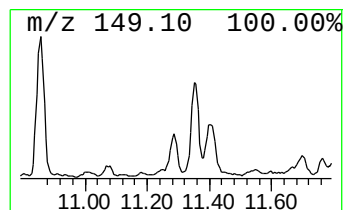
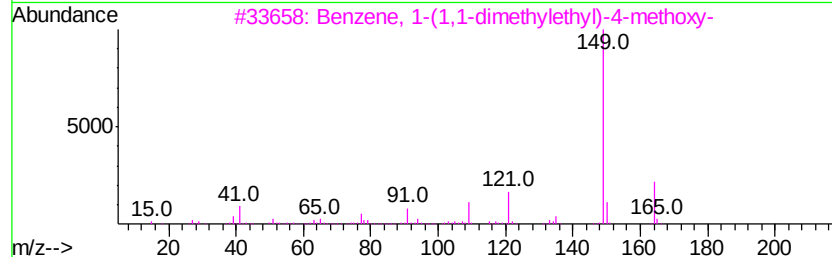
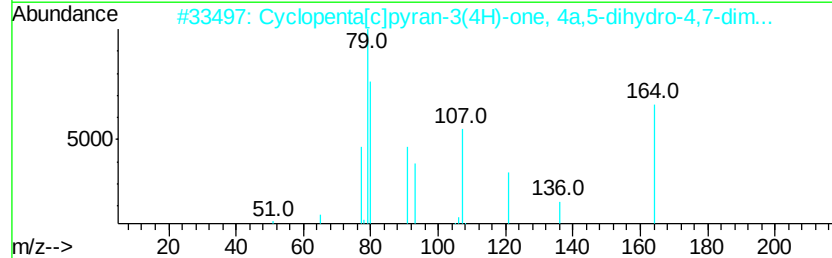
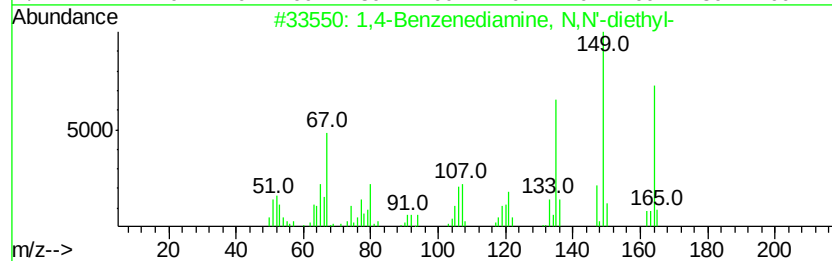
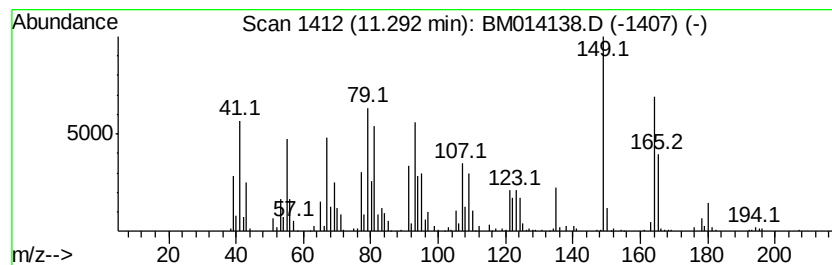
Instrument :
BNA_M
ClientSampled :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-10 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	7.91 ng/ul	1406430	Napthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Benzenediamine, N,N'-diethyl-	164 C10H16N2	003010-30-8	46
2	Cyclopenta[c]pyran-3(4H)-one, 4a...	164 C10H12O2	075364-51-1	44
3	Benzene, 1-(1,1-dimethylethyl)-4...	164 C11H16O	005396-38-3	43
4	1,4-Dimethyladamantane	164 C12H20	024145-88-8	43
5	Benzene, 1-butyl-4-methoxy-	164 C11H16O	018272-84-9	38



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

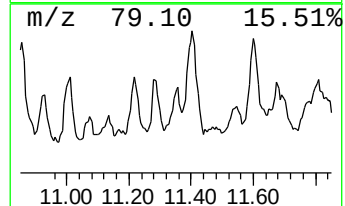
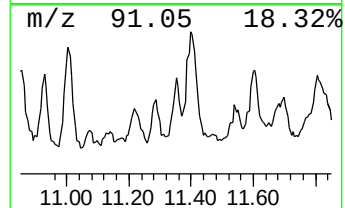
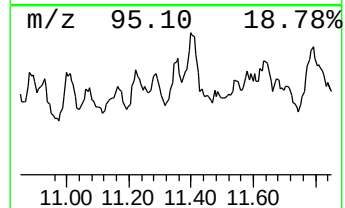
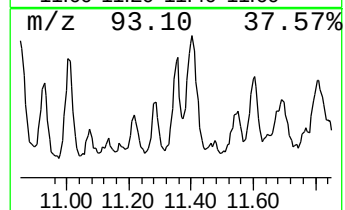
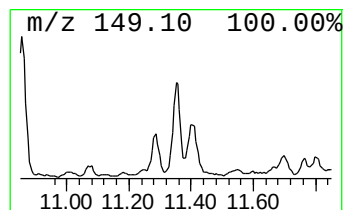
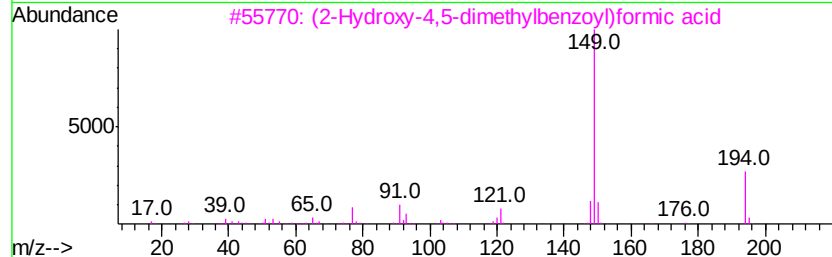
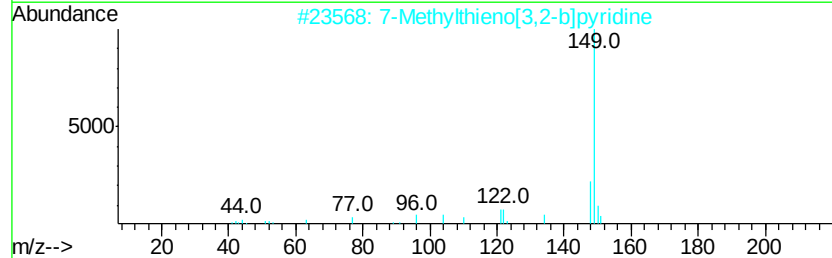
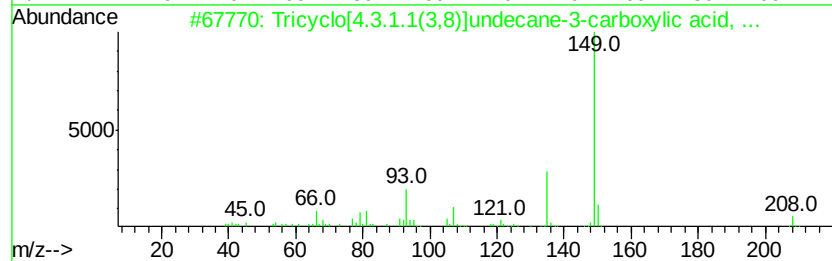
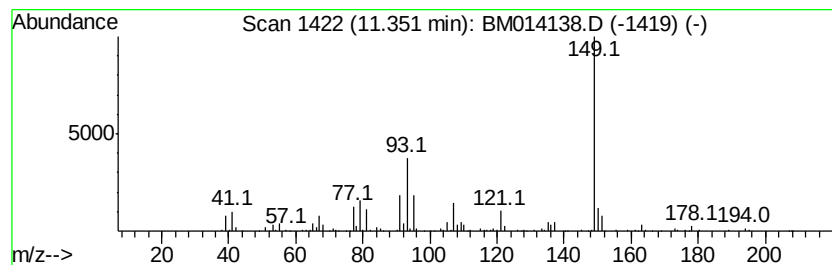
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	8.19 ng/ul	1455090	Napthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	59
2		7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	50
3		(2-Hydroxy-4,5-dimethylbenzoyl)f...	194	C10H10O4	1000241-63-9	50
4		1,4-Dimethyladamantane	164	C12H20	024145-89-9	50
5		3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	50



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

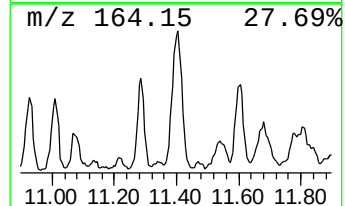
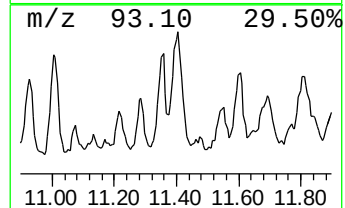
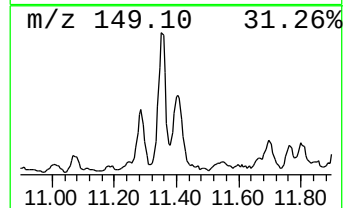
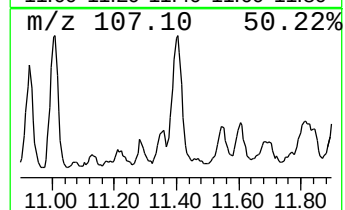
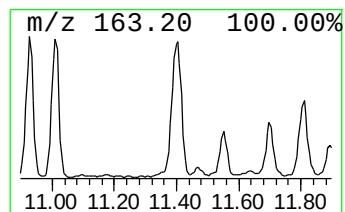
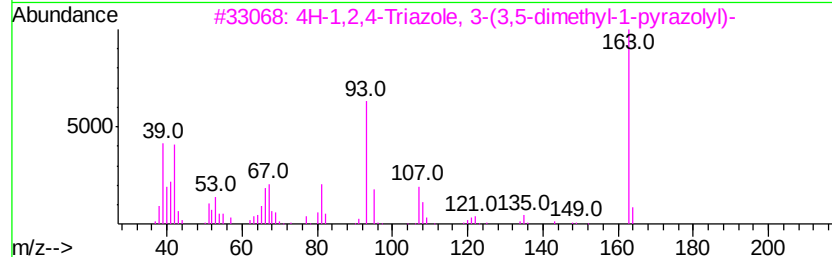
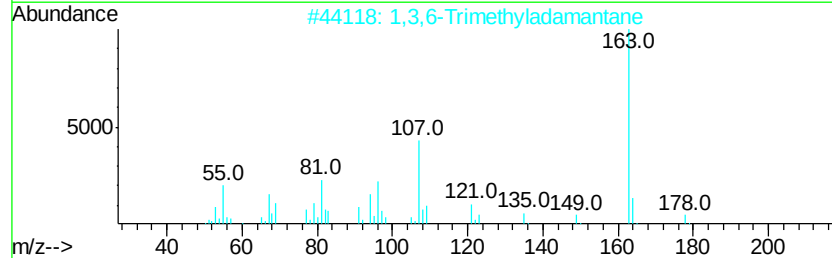
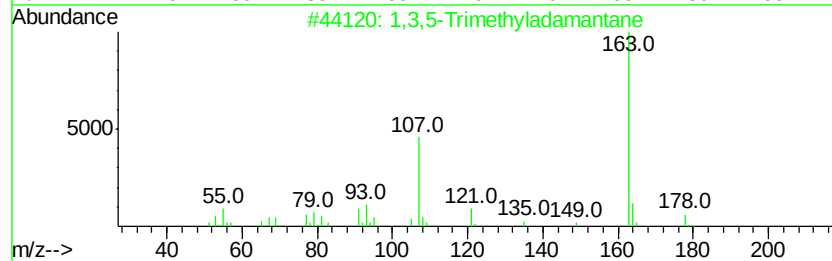
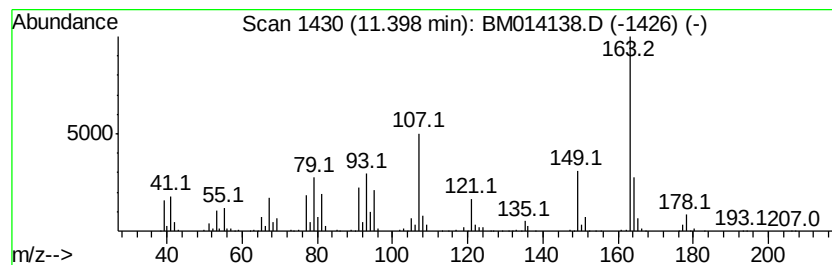
Instrument :
BNA_M
ClientSampleId :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 1,3,5-Trimethyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	20.71 ng/ul	3680480	Naphthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,5-Trimethyladamantane	178 C13H22	000707-35-7	52
2	1,3,6-Trimethyladamantane	178 C13H22	024139-37-5	52
3	4H-1,2,4-Triazole, 3-(3,5-dimeth...	163 C7H9N5	003310-78-9	43
4	Cyclohexane, 1,5-diethenyl-2,3-d...	164 C12H20	068779-14-6	38
5	1,4-Methano-1H-cyclohepta[d]pyri...	192 C12H20N2	1000221-85-4	30



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D15

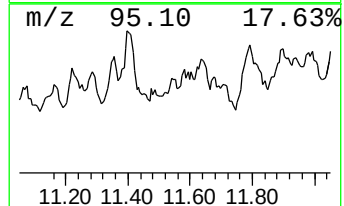
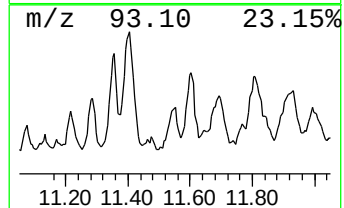
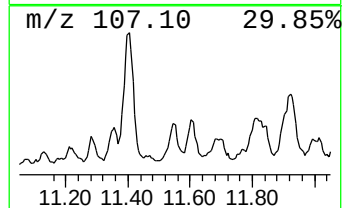
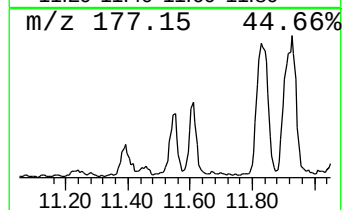
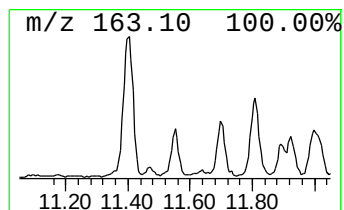
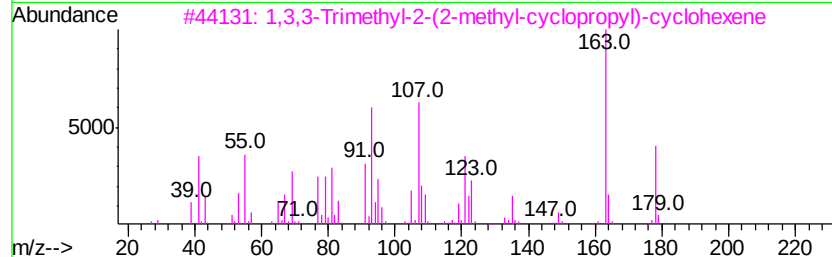
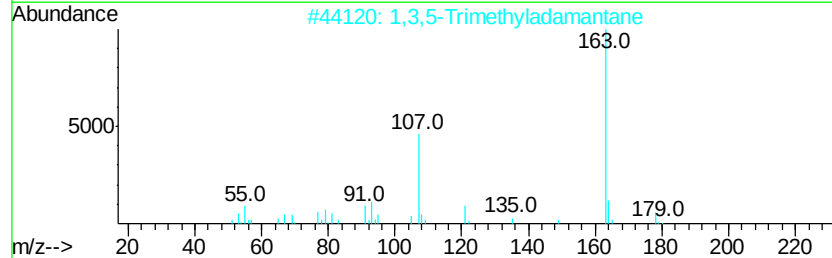
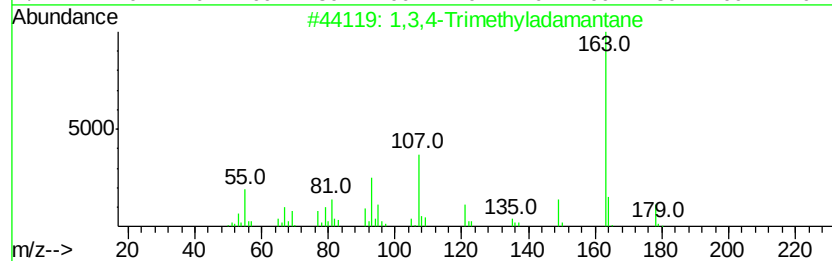
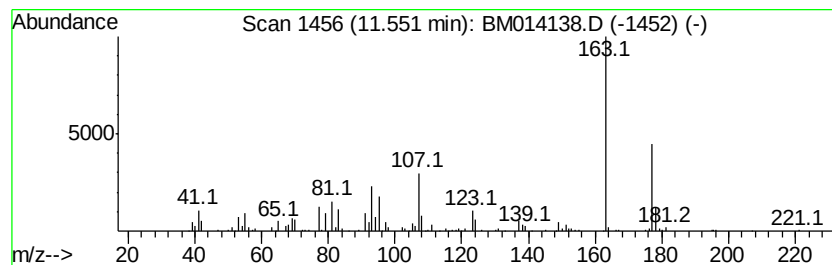
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 1,3,4-Trimethyladamantane Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.44 ng/ul	433918	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	58
2		1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	50
3		1,3,3-Trimethyl-2-(2-methyl-cycl...	178	C13H22	285129-06-8	45
4		2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	43
5		1-Ethyl-3-propyladamantane	206	C15H26	019385-94-5	40



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014138.D
Acq On : 03 Feb 2018 05:54
Operator : SJ/JU
Sample : J1339-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

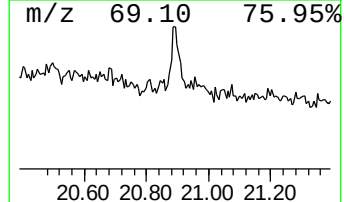
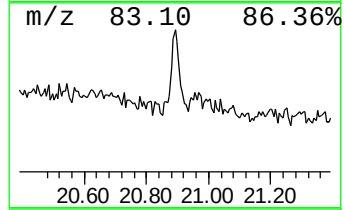
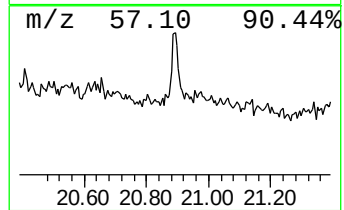
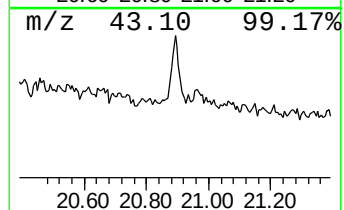
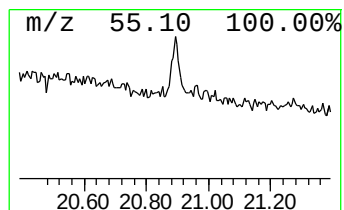
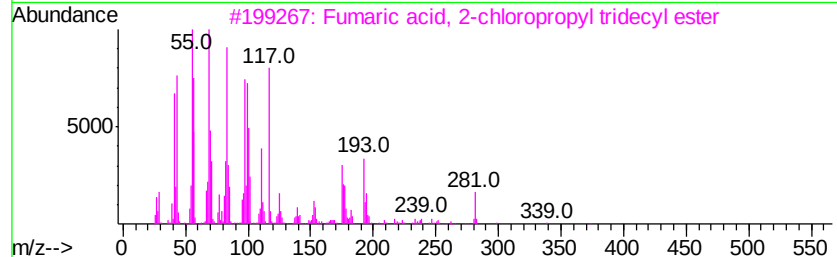
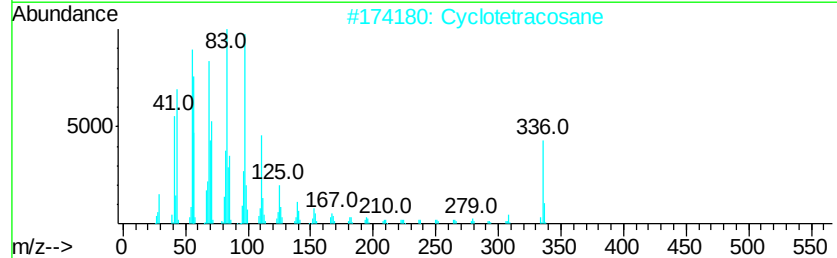
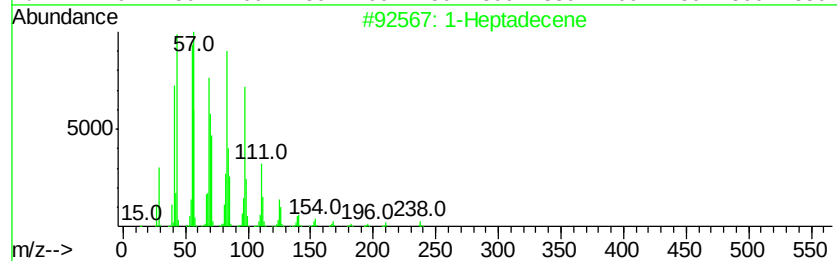
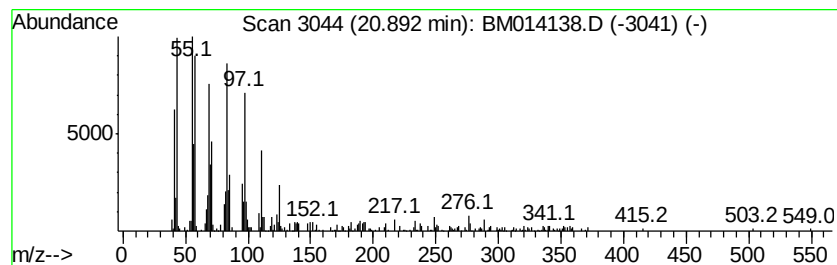
Instrument :
BNA_M
ClientSampleId :
F6D15

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Cyclic20.89 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.89	5.69 ng/ul	595069	Chrysene-d12	21.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	90
2	Cyclotetracosane	336	C24H48	000297-03-0	84
3	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	76
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	70
5	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	64



Data Path : U:\HPCHEM1\BNA_M\DATA\BM020218\
 Data File : BM014138.D
 Acq On : 03 Feb 2018 05:54
 Operator : SJ/JU
 Sample : J1339-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.98	2.1	ng/ul	104970	1	7.55	988156	20.0
Cyclohexanol, 5-m...	7.27	2.2	ng/ul	106494	1	7.55	988156	20.0
unknown-01	7.34	5.1	ng/ul	253978	1	7.55	988156	20.0
Cyclohexene, 4-me...	7.68	9.2	ng/ul	452586	1	7.55	988156	20.0
Cyclohexanone, 2-...	7.80	22.6	ng/ul	1117440	1	7.55	988156	20.0
Cyclohexene, 3-(2...	7.91	13.5	ng/ul	665903	1	7.55	988156	20.0
Cyclohexene, 3,3,...	7.99	9.9	ng/ul	489979	1	7.55	988156	20.0
2-Cyclopenten-1-o...	8.06	4.1	ng/ul	202532	1	7.55	988156	20.0
unknown-02	8.12	7.0	ng/ul	346989	1	7.55	988156	20.0
unknown-03	8.17	3.9	ng/ul	194811	1	7.55	988156	20.0
unknown-04	8.41	11.6	ng/ul	573170	1	7.55	988156	20.0
Cyclohexene, 1,2-...	8.52	10.7	ng/ul	527001	1	7.55	988156	20.0
1,6-Heptadiene, 2...	8.60	17.0	ng/ul	839040	1	7.55	988156	20.0
Cyclohexene, 3-me...	8.66	7.5	ng/ul	370315	1	7.55	988156	20.0
Adamantane	8.89	23.4	ng/ul	1157660	1	7.55	988156	20.0
1-Bromoadamantane	9.19	8.3	ng/ul	1471570	2	10.32	3554850	20.0
trans,cis-1,7-Dim...	9.27	2.8	ng/ul	497743	2	10.32	3554850	20.0
unknown-05	9.32	2.1	ng/ul	377374	2	10.32	3554850	20.0
unknown-06	9.63	4.2	ng/ul	739208	2	10.32	3554850	20.0
unknown-07	9.77	3.0	ng/ul	529893	2	10.32	3554850	20.0
Cyclohexanone, 2-...	10.19	12.7	ng/ul	2260980	2	10.32	3554850	20.0
Adamantane, 1,3-d...	10.85	12.9	ng/ul	2293030	2	10.32	3554850	20.0
1,3-Dimethyl-5-et...	10.93	9.2	ng/ul	1639630	2	10.32	3554850	20.0
unknown-08	11.00	15.2	ng/ul	2702370	2	10.32	3554850	20.0
unknown-09	11.07	3.2	ng/ul	563867	2	10.32	3554850	20.0
1-Adamantyl bromo...	11.22	8.9	ng/ul	1588950	2	10.32	3554850	20.0
unknown-10	11.29	7.9	ng/ul	1406430	2	10.32	3554850	20.0
Tricyclo[4.3.1.1(...	11.35	8.2	ng/ul	1455090	2	10.32	3554850	20.0
1,3,5-Trimethylad...	11.40	20.7	ng/ul	3680480	2	10.32	3554850	20.0
1,3,4-Trimethylad...	11.55	2.4	ng/ul	433918	2	10.32	3554850	20.0
(DEL) Alkane: Cyc...	20.89	5.7	ng/ul	595069	5	21.17	2090610	20.0