

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012130.D
 Acq On : 13 Oct 2017 10:03
 Operator : SJ/JU
 Sample : I5568-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-75(1-3)-092917

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-BM101217.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	3.510	59	72	84	rBV2	1162583	3107200	1.66%	0.102%
2	4.004	147	156	165	rVB4	2067932	5921519	3.16%	0.194%
3	4.187	179	187	191	rBV	6372320	14311472	7.63%	0.469%
4	4.316	200	209	218	rVB2	2509480	6343467	3.38%	0.208%
5	4.469	230	235	244	rVB	5316233	11142284	5.94%	0.365%
6	4.557	244	250	255	rBV2	3472899	7498256	4.00%	0.246%
7	4.651	261	266	275	rVB	3955008	9088220	4.85%	0.298%
8	4.757	275	284	294	rBV	9013173	20325106	10.84%	0.666%
9	4.857	294	301	307	rBV	9409286	21050717	11.23%	0.690%
10	4.922	307	312	316	rBV2	2988933	5633016	3.00%	0.185%
11	4.969	316	320	325	rBV	10437764	17311025	9.23%	0.567%
12	5.028	325	330	336	rVB	15143483	27017264	14.41%	0.885%
13	5.087	336	340	345	rVB	2753310	4639900	2.47%	0.152%
14	5.181	351	356	361	rBV	9359527	19168428	10.22%	0.628%
15	5.269	366	371	381	rVB	13556440	29223461	15.59%	0.957%
16	5.375	381	389	406	rBV2	3295505	12415784	6.62%	0.407%
17	5.534	406	416	423	rVB4	3951190	10880615	5.80%	0.356%
18	5.640	423	434	440	rBV2	6173193	15503774	8.27%	0.508%
19	5.710	440	446	454	rBV2	8919048	25730080	13.72%	0.843%
20	5.793	454	460	467	rVV	18720646	41983766	22.39%	1.375%
21	5.857	467	471	478	rVB	11908499	24982567	13.32%	0.818%
22	5.934	478	484	492	rVB	7282003	15025677	8.01%	0.492%
23	6.016	492	498	505	rBV2	2551869	6448800	3.44%	0.211%
24	6.116	505	515	528	rBV4	30542785	111468189	59.45%	3.652%
25	6.234	528	535	545	rVB4	14402736	44499134	23.73%	1.458%
26	6.345	545	554	560	rBV5	31417508	94434836	50.36%	3.094%
27	6.428	561	568	572	rVV	29881417	78055624	41.63%	2.557%
28	6.510	572	582	595	rVV6	44267256	187509322	100.00%	6.143%
29	6.616	595	600	605	rVB	11618585	20242120	10.80%	0.663%
30	6.675	605	610	615	rBV3	16014829	29577751	15.77%	0.969%
31	6.745	615	622	630	rVB3	24083541	66664428	35.55%	2.184%
32	6.840	630	638	646	rBV2	25711387	63700649	33.97%	2.087%
33	6.957	652	658	660	rBV3	13007917	23759112	12.67%	0.778%
34	7.016	661	668	683	rVB2	42867042	125326358	66.84%	4.106%

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35	7.139	684	689	691	rBV2	7563122	13011714	6.94%	0.426%
36	7.192	692	698	703	rBV4	14392543	28991010	15.46%	0.950%
37	7.251	703	708	712	rBV2	13291503	23690909	12.63%	0.776%
38	7.369	720	728	735	rBV5	19575376	56795146	30.29%	1.861%
39	7.434	736	739	750	rVB2	32762450	78884214	42.07%	2.584%
40	7.587	750	765	770	rBV4	28218422	99835885	53.24%	3.271%
41	7.639	770	774	777	rBV	5115429	6622205	3.53%	0.217%
42	7.692	777	783	790	rBV4	13322722	34649343	18.48%	1.135%
43	7.781	791	798	805	rBV6	19600668	70098358	37.38%	2.296%
44	7.875	805	814	819	rVB2	43973989	149660965	79.82%	4.903%
45	7.951	819	827	833	rBV4	23740971	58800920	31.36%	1.926%
46	8.022	833	839	842	rBV5	8158715	17971222	9.58%	0.589%
47	8.081	843	849	853	rBV3	23164044	43216869	23.05%	1.416%
48	8.151	853	861	864	rBV2	34833500	93051235	49.62%	3.048%
49	8.234	872	875	883	rVB5	14748282	26486585	14.13%	0.868%
50	8.310	884	888	894	rVB5	10642482	19686858	10.50%	0.645%
51	8.381	894	900	902	rBV3	16384172	30554969	16.30%	1.001%
52	8.534	919	926	929	rBV3	15452855	37664639	20.09%	1.234%
53	8.728	952	959	964	rBV3	37689106	79613413	42.46%	2.608%
54	8.857	977	981	985	rBV4	5049594	10767447	5.74%	0.353%
55	8.992	992	1004	1012	rBV4	46850165	137452035	73.30%	4.503%
56	9.081	1013	1019	1025	rVB3	35265017	64494718	34.40%	2.113%
57	9.133	1025	1028	1032	rVB2	7949972	11749796	6.27%	0.385%
58	9.204	1032	1040	1043	rBV5	19698364	59144302	31.54%	1.938%
59	9.345	1052	1064	1072	rBV5	17578358	49966810	26.65%	1.637%
60	9.439	1072	1080	1086	rBV8	7436197	21646517	11.54%	0.709%
61	9.510	1086	1092	1097	rBV2	26038331	44660755	23.82%	1.463%
62	9.604	1103	1108	1117	rVB3	20067684	39699517	21.17%	1.301%
63	9.751	1123	1133	1136	rBV3	9790294	26213135	13.98%	0.859%
64	9.792	1136	1140	1145	rVB	20330199	29127582	15.53%	0.954%
65	9.863	1145	1152	1157	rBV3	20630141	37005175	19.74%	1.212%
66	9.992	1170	1174	1180	rVB4	2976016	5734328	3.06%	0.188%
67	10.080	1181	1189	1195	rBV3	17559450	36111367	19.26%	1.183%
68	10.245	1210	1217	1223	rBV5	4586425	10670306	5.69%	0.350%
69	10.304	1223	1227	1232	rVV4	2137557	3606038	1.92%	0.118%
70	10.363	1232	1237	1244	rVB2	7374221	13835327	7.38%	0.453%
71	10.439	1245	1250	1254	rBV4	1671140	3186511	1.70%	0.104%

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72	10.545	1265	1268	1272	rBV3	2678934	3890086	2.07%	0.127%
73	10.645	1281	1285	1291	rBV5	2597984	3710933	1.98%	0.122%
74	10.804	1302	1312	1317	rVB2	12255352	27104392	14.45%	0.888%
75	10.869	1317	1323	1329	rBV4	4046950	7839745	4.18%	0.257%
76	11.139	1364	1369	1374	rVB5	1382854	2984139	1.59%	0.098%
77	11.316	1386	1399	1400	rBV7	1330307	4194071	2.24%	0.137%
78	11.345	1400	1404	1415	rVB4	3922472	7566216	4.04%	0.248%
79	11.569	1436	1442	1448	rVB6	1528911	3515241	1.87%	0.115%
80	11.663	1449	1458	1462	rBV	5789294	9420615	5.02%	0.309%
81	12.280	1556	1563	1569	rVB6	1908665	4646743	2.48%	0.152%
82	12.763	1638	1645	1653	rVB3	1560100	3691519	1.97%	0.121%
83	13.016	1683	1688	1694	rBV	3996059	5821382	3.10%	0.191%
84	13.821	1821	1825	1831	rVV2	1592859	3087657	1.65%	0.101%
85	13.910	1836	1840	1844	rVV2	4069127	6121127	3.26%	0.201%
86	13.957	1844	1848	1854	rVB2	5366599	7864676	4.19%	0.258%
87	14.204	1885	1890	1900	rBV	2410250	4663195	2.49%	0.153%
88	14.504	1937	1941	1946	rVB2	1945743	3194100	1.70%	0.105%
89	15.498	2106	2110	2115	rBV	2632191	3809853	2.03%	0.125%
90	15.733	2144	2150	2162	rVB	1894026	3611564	1.93%	0.118%
91	16.209	2226	2231	2237	rBV	3756806	5770451	3.08%	0.189%
92	17.033	2366	2371	2383	rVB	2453132	4177664	2.23%	0.137%
93	17.356	2421	2426	2431	rVB2	2946425	4289381	2.29%	0.141%
94	18.162	2554	2563	2575	rBV	18196783	39553329	21.09%	1.296%
95	18.862	2678	2682	2689	rBV3	3521278	6477175	3.45%	0.212%
96	18.992	2701	2704	2710	rVB2	3806261	5331957	2.84%	0.175%
97	19.333	2753	2762	2765	rBV	26795869	61024618	32.54%	1.999%
98	19.439	2775	2780	2785	rBV	14155428	19309780	10.30%	0.633%
99	19.656	2814	2817	2820	rBV	3363564	3905950	2.08%	0.128%
100	21.333	3099	3102	3108	rVB	9144798	11566602	6.17%	0.379%

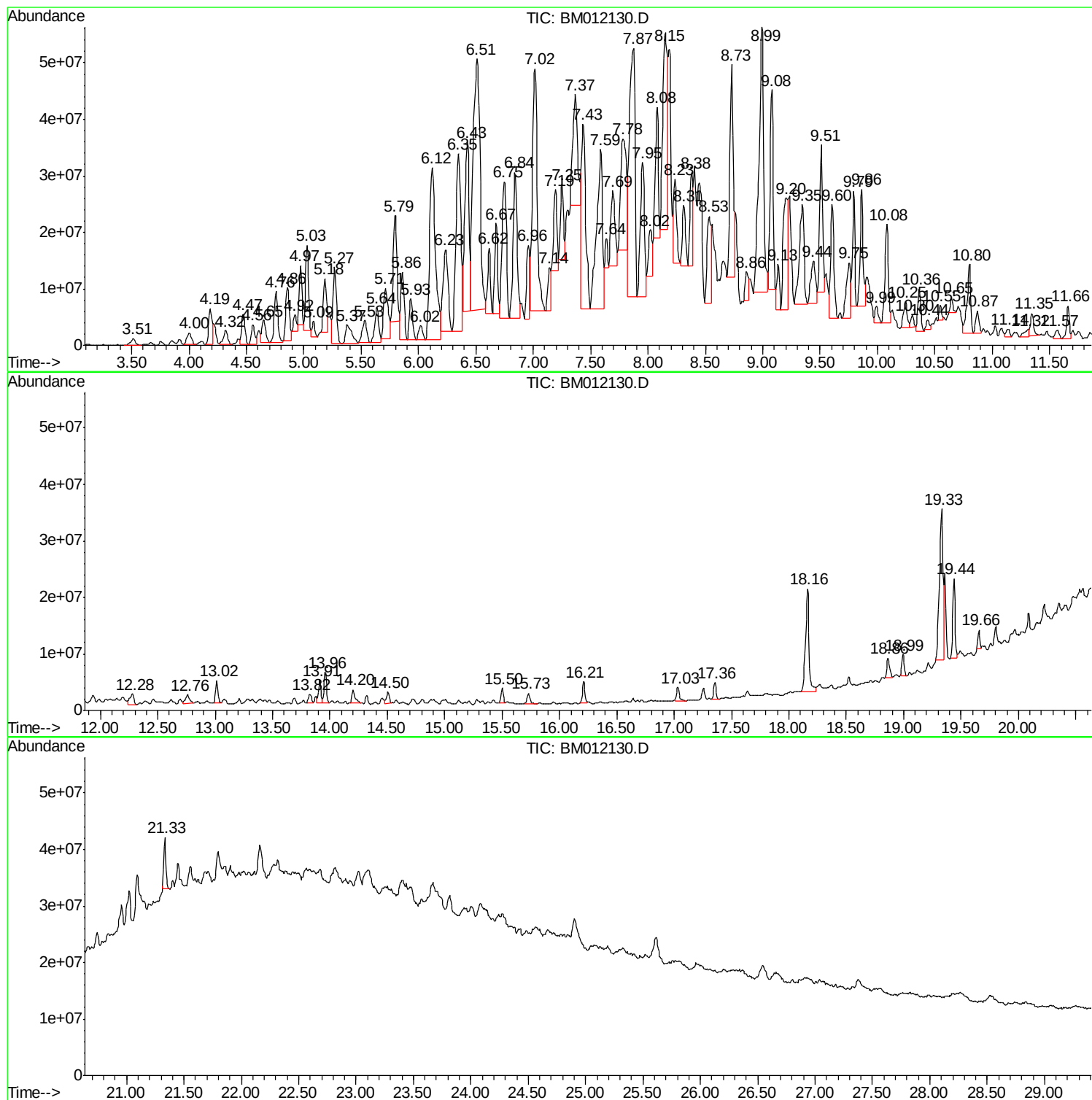
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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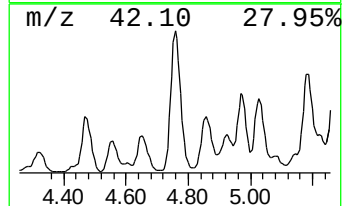
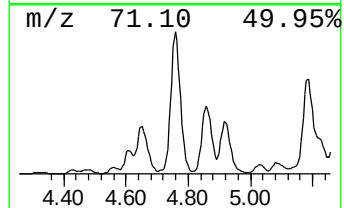
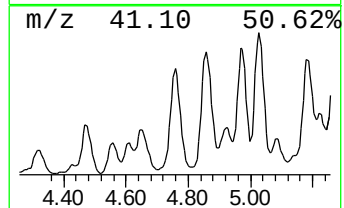
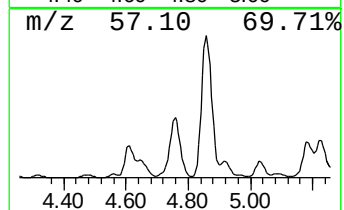
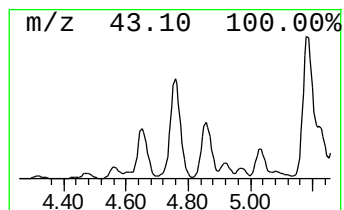
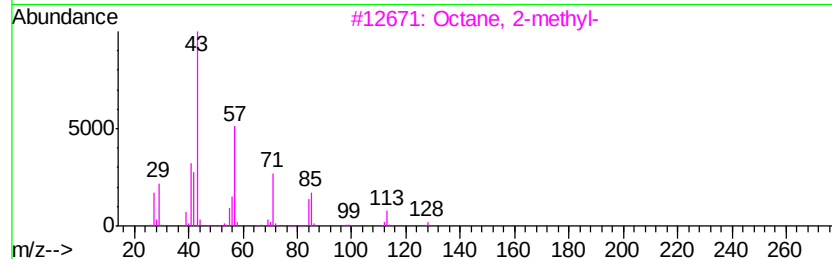
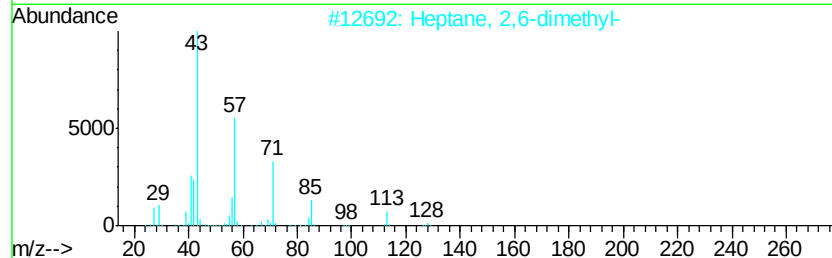
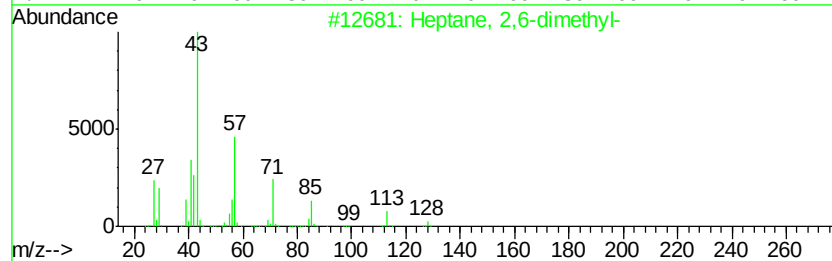
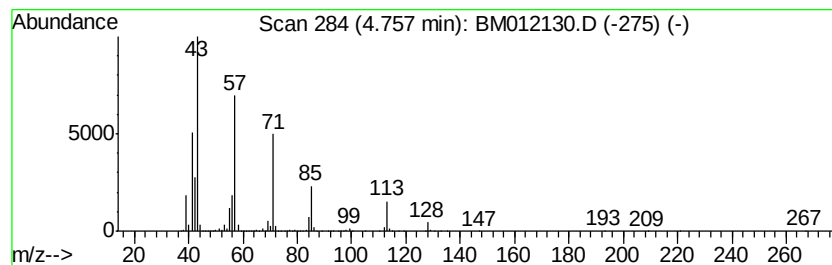
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	2.72 ng/ul	20325100	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3			Octane, 2-methyl-	128	C9H20	003221-61-2	81
4			Decane, 2-methyl-	156	C11H24	006975-98-0	78
5			Nonane	128	C9H20	000111-84-2	58



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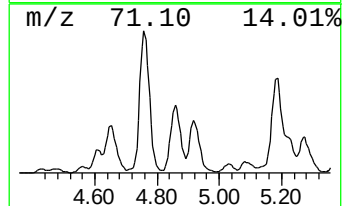
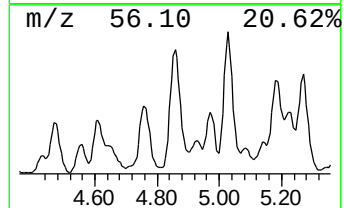
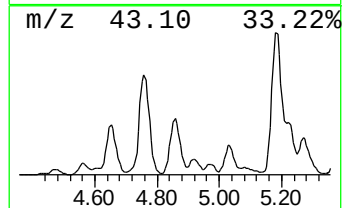
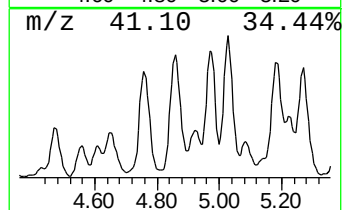
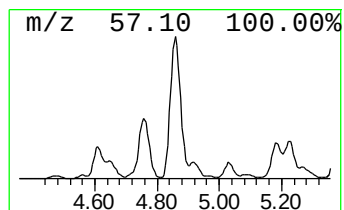
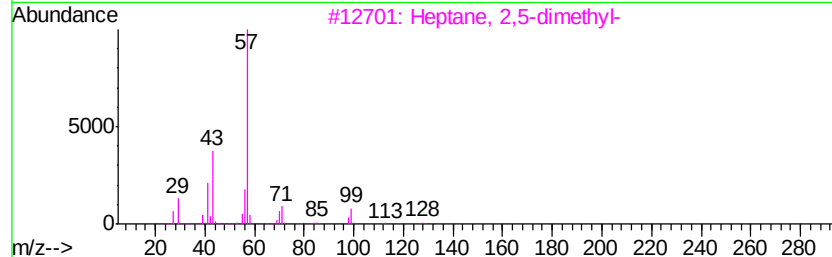
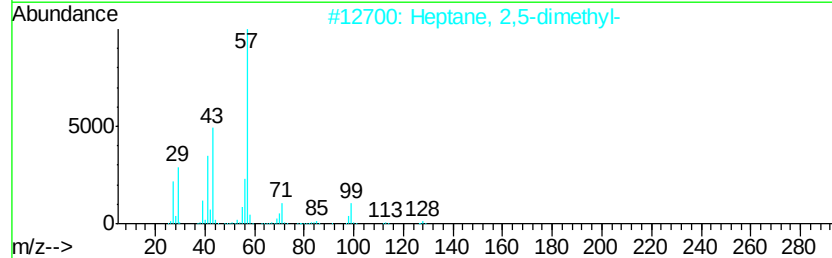
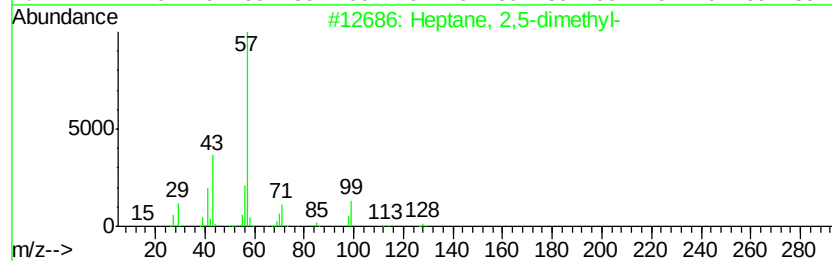
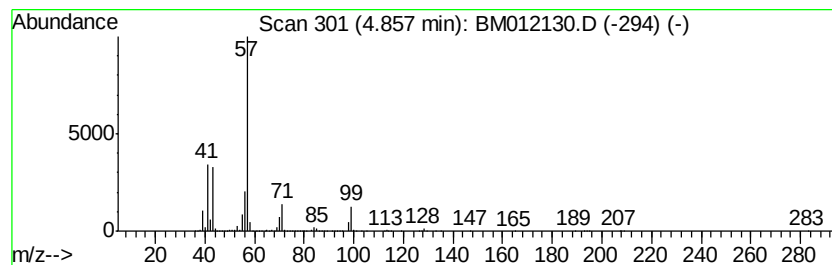
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	2.81 ng/ul	21050700	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
5			Octane, 3-methyl-	128	C9H20	002216-33-3	83



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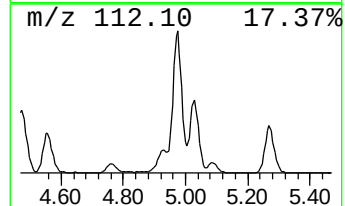
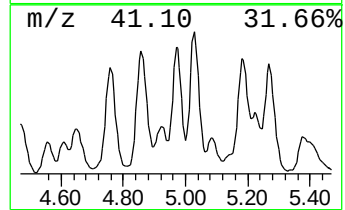
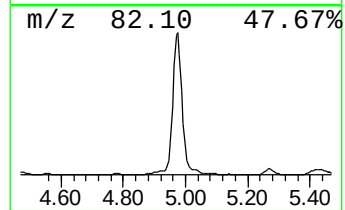
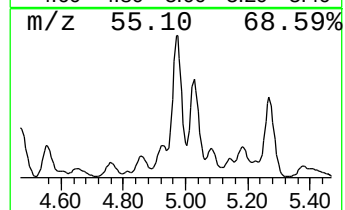
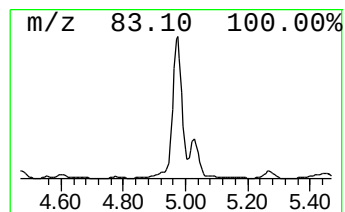
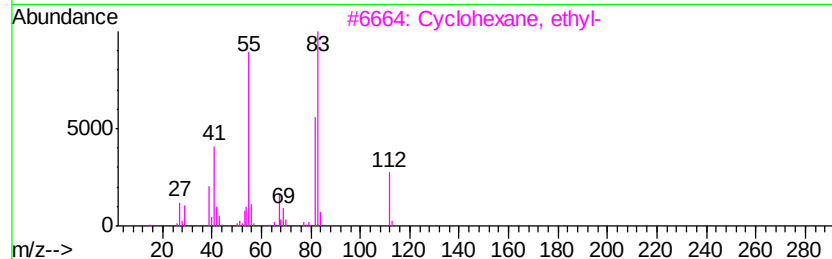
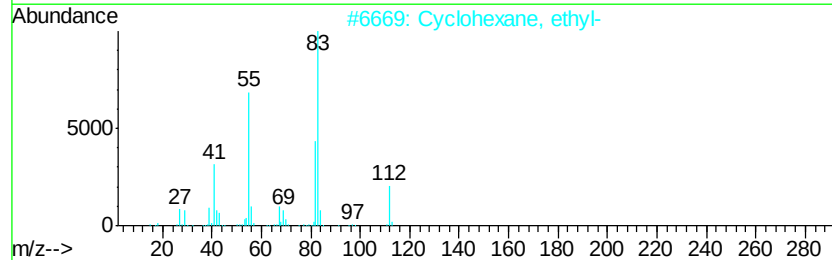
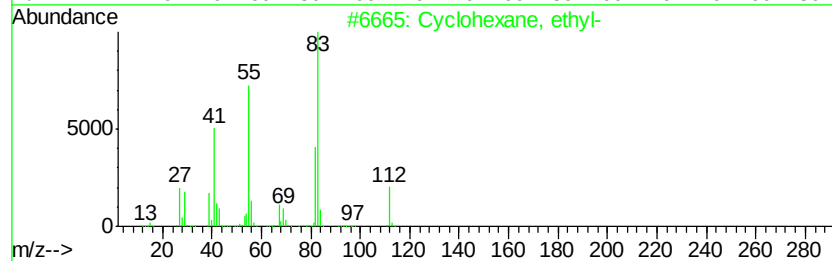
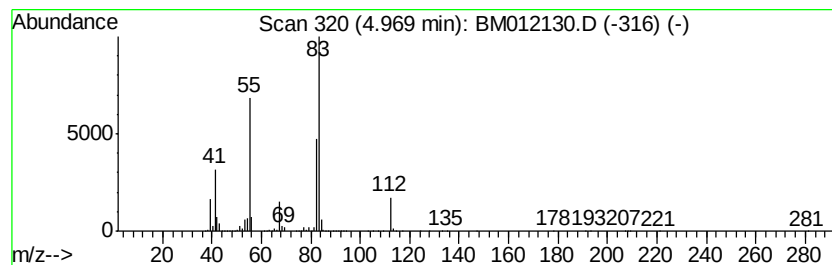
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, ethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	2.31 ng/ul	17311000	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	76
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

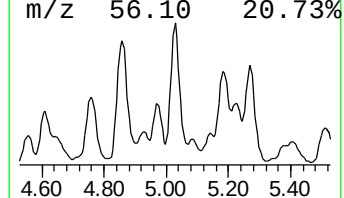
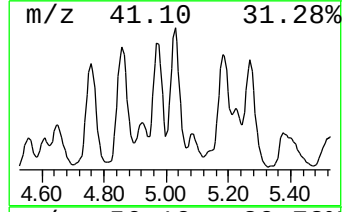
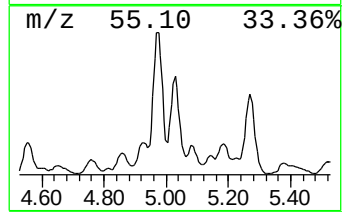
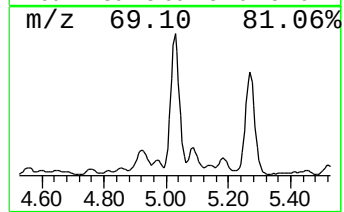
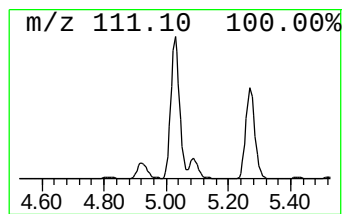
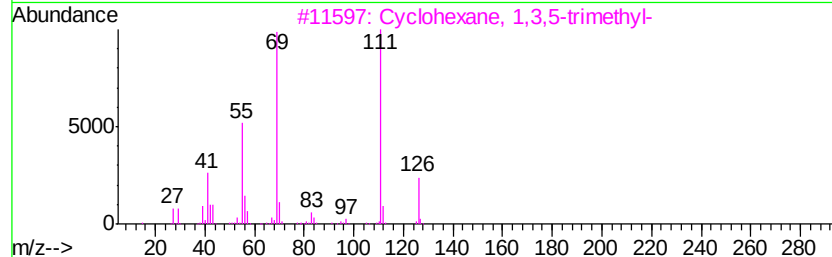
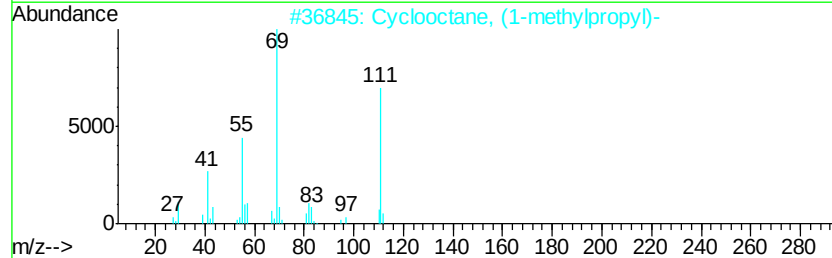
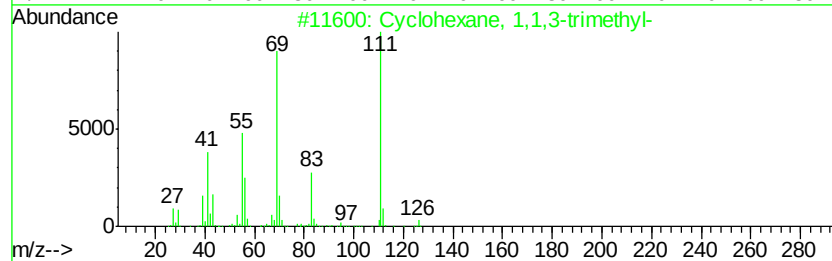
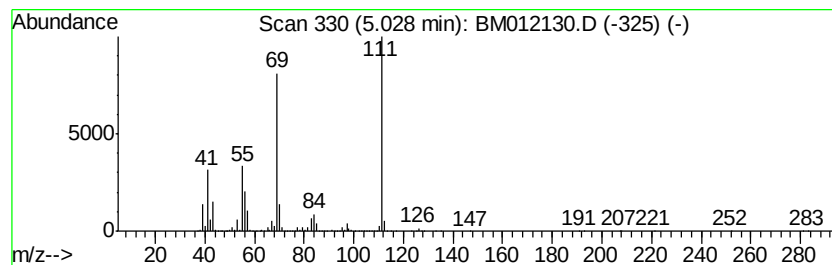
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	3.61 ng/ul	27017300	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2		Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
4		2-Methyl-2-heptene	112	C8H16	000627-97-4	47
5		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

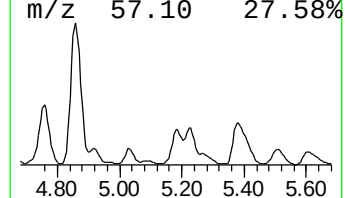
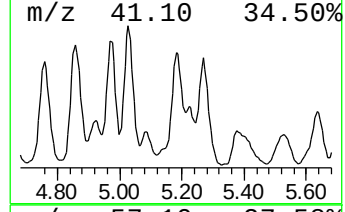
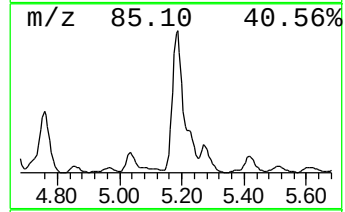
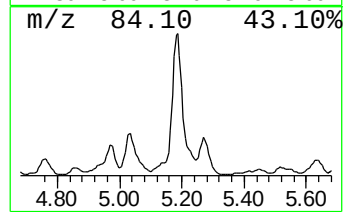
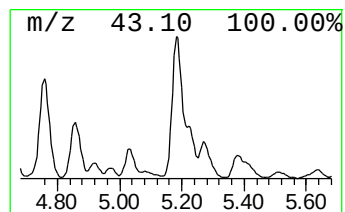
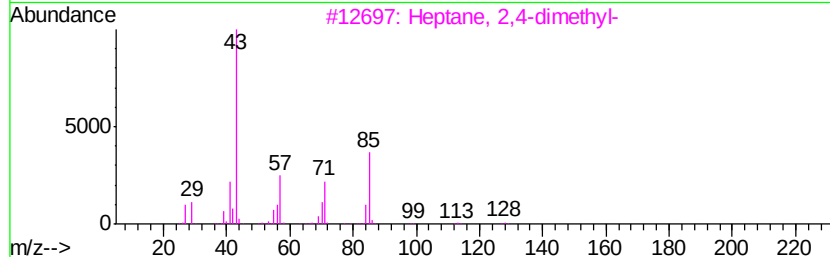
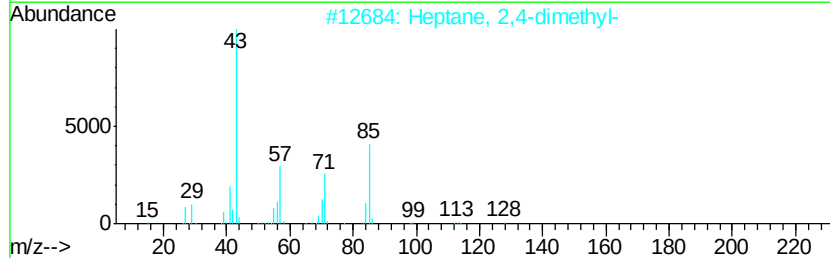
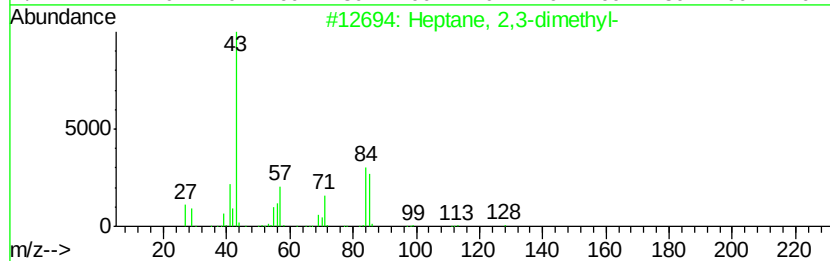
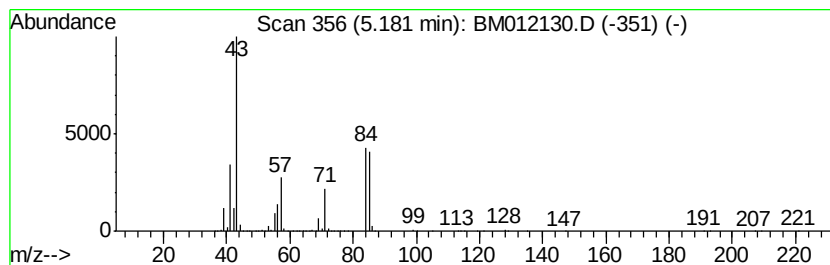
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.56 ng/ul	19168400	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
5		Hexane, 3-ethyl-	114	C8H18	000619-99-8	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

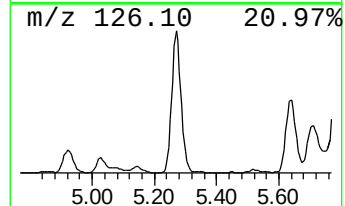
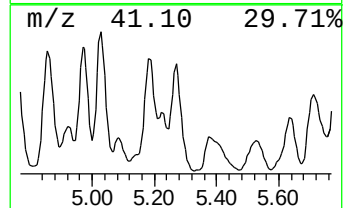
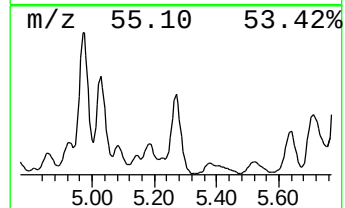
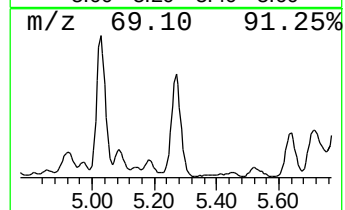
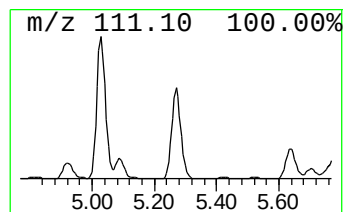
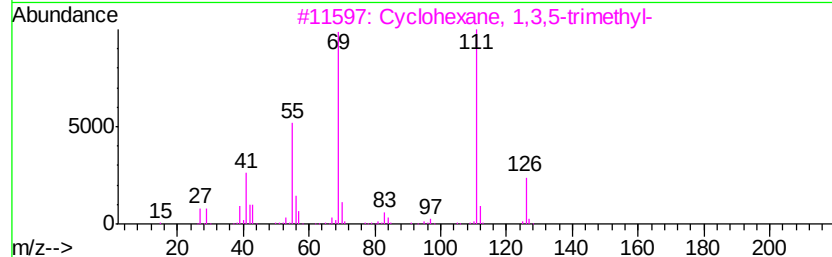
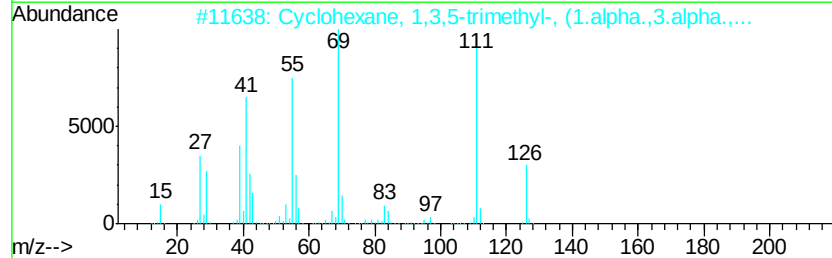
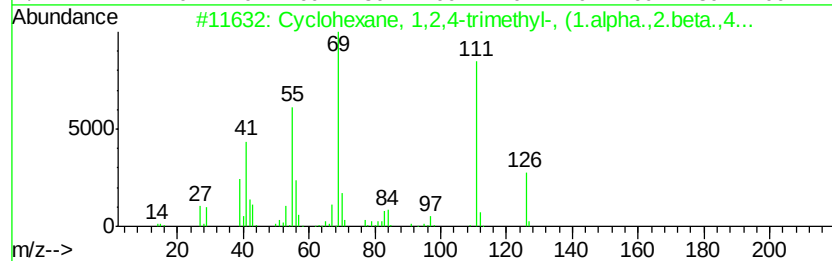
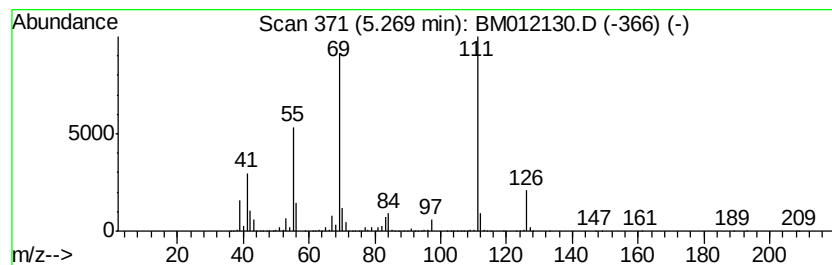
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclohexane, 1,2,4-trimethy... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	3.91 ng/ul	29223500	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	94
2		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	94
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

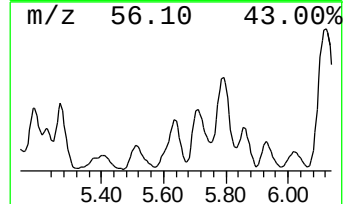
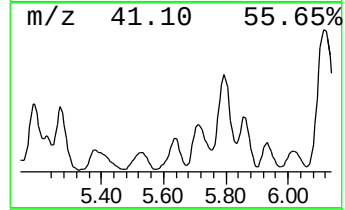
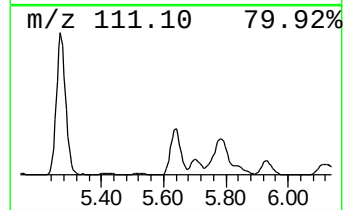
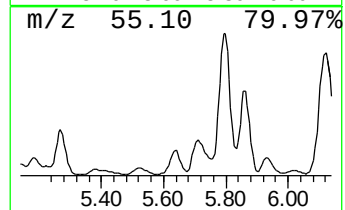
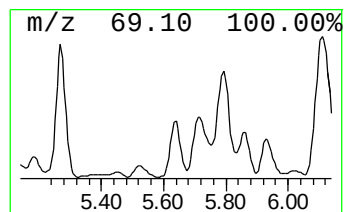
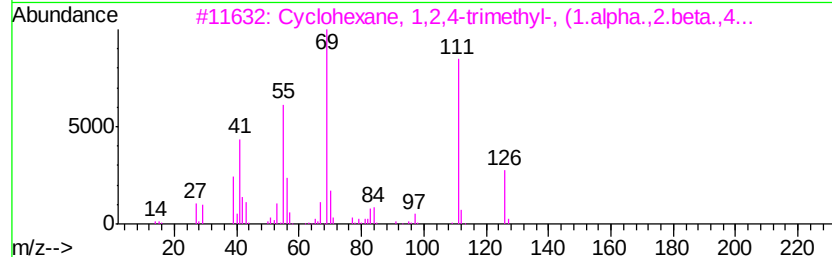
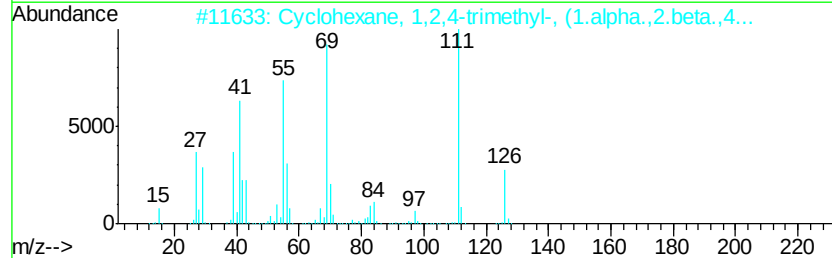
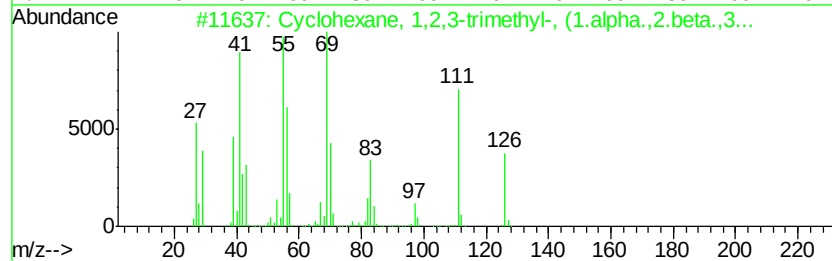
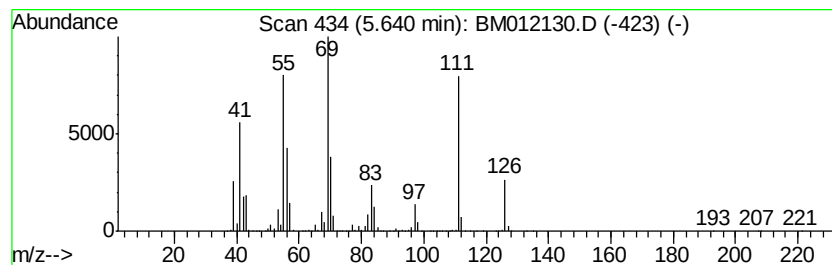
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclohexane, 1,2,3-trimethy... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	2.07 ng/ul	15503800	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	90
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	76
3		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	76
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	76
5		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

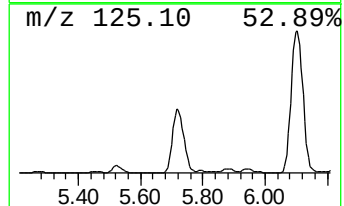
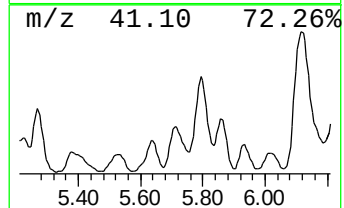
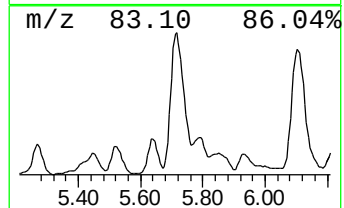
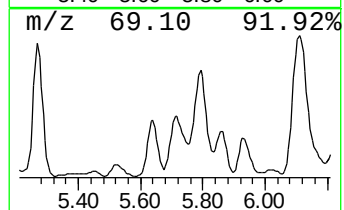
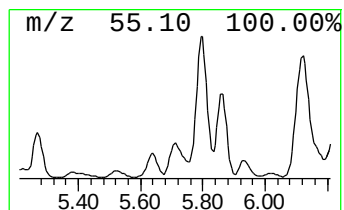
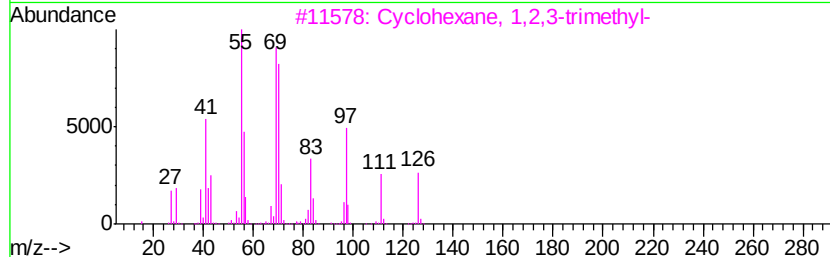
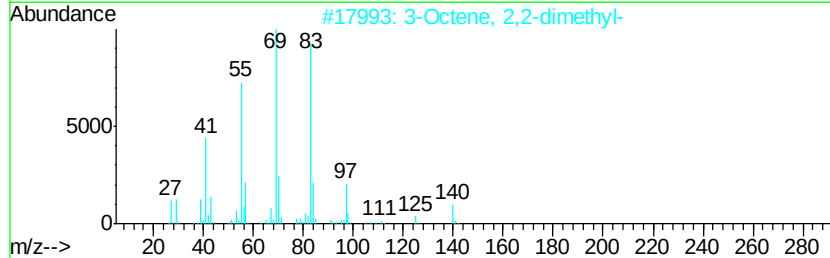
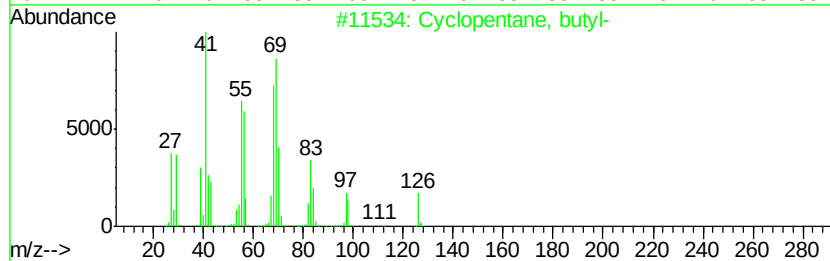
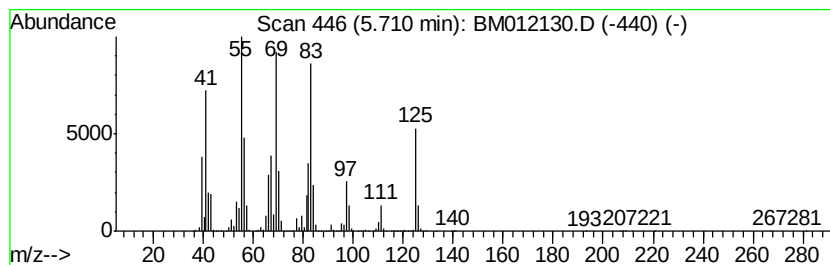
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	3.44 ng/ul	25730100	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, butyl-	126	C9H18	002040-95-1	42
2		3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	38
3		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	38
4		Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	38
5		2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(1-3)-092917

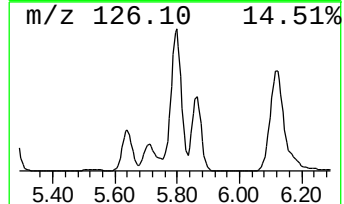
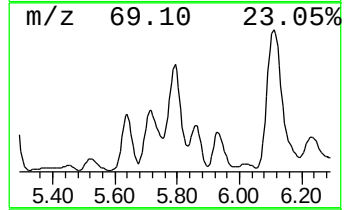
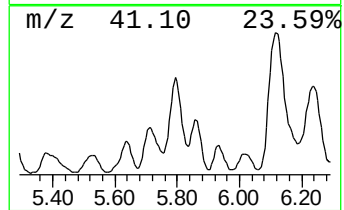
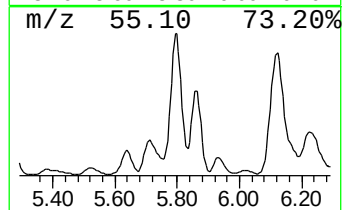
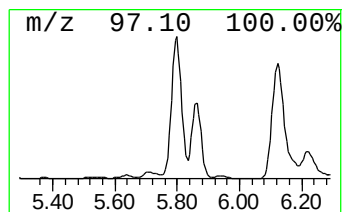
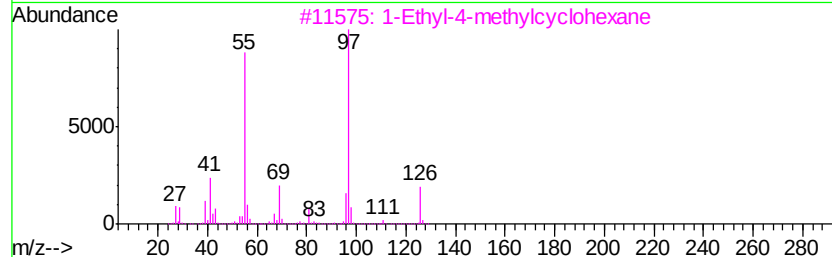
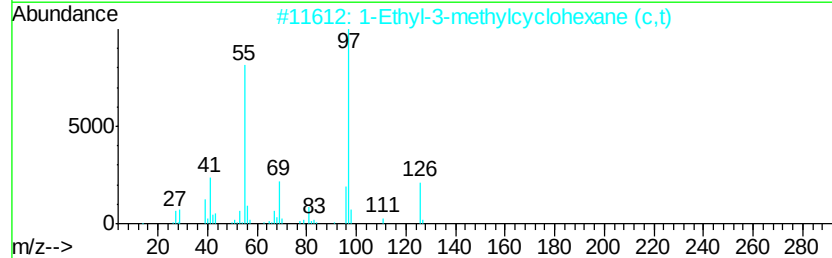
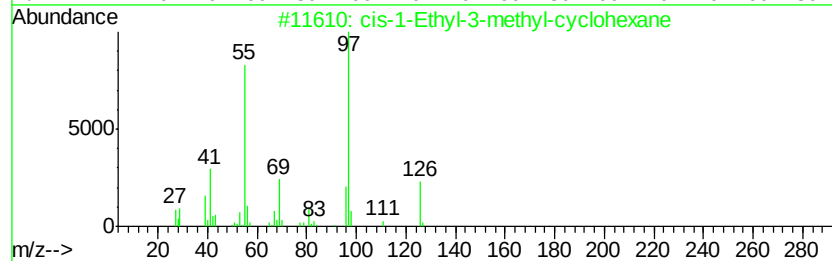
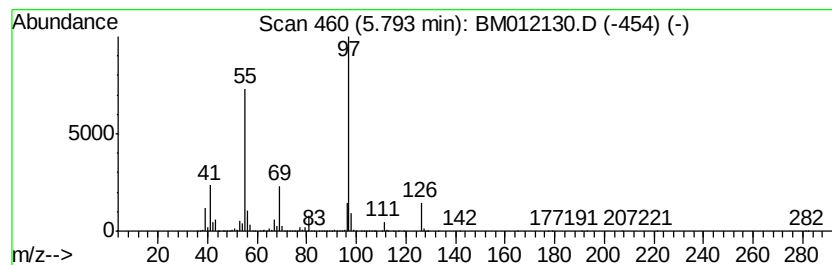
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 cis-1-Ethyl-3-methyl-cycloh... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	5.61 ng/ul	41983800	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(1-3)-092917

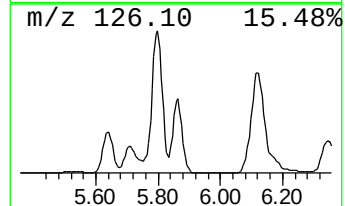
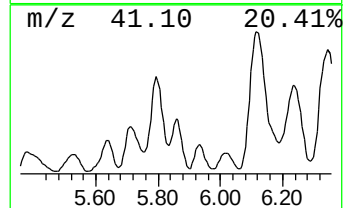
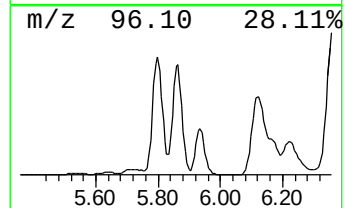
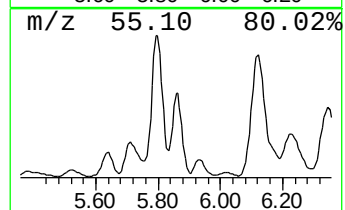
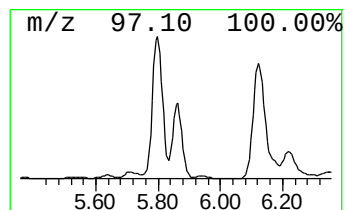
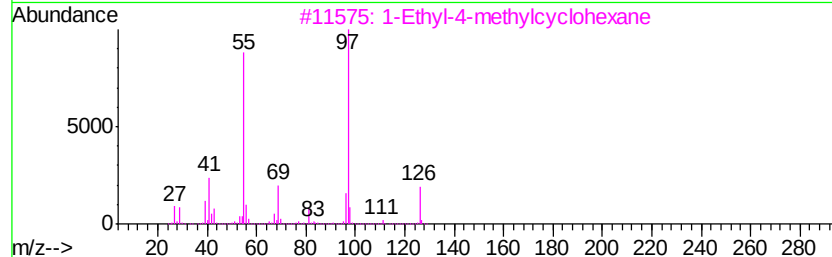
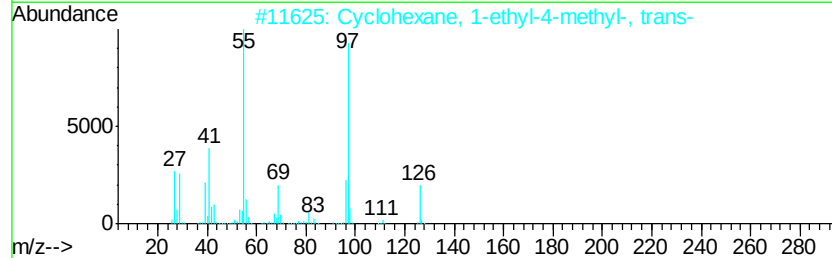
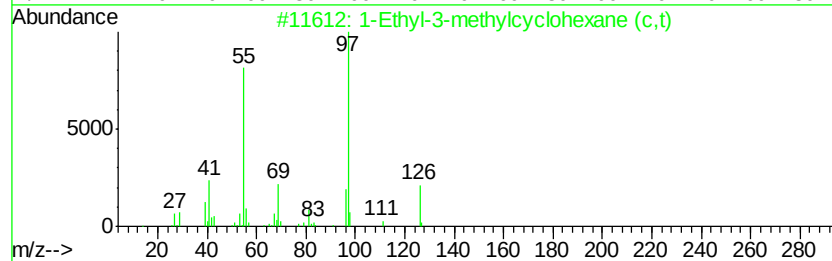
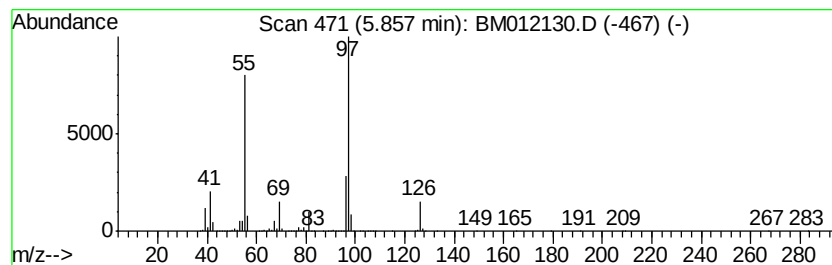
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1-Ethyl-3-methylcyclohexane... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	3.34 ng/ul	24982600	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

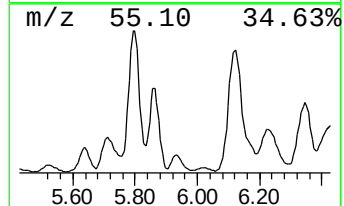
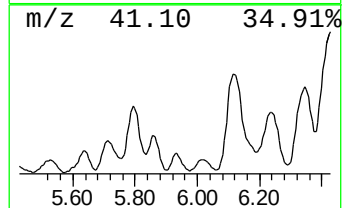
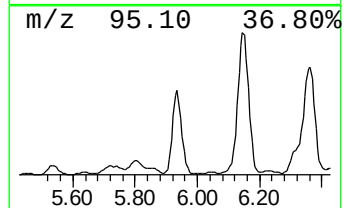
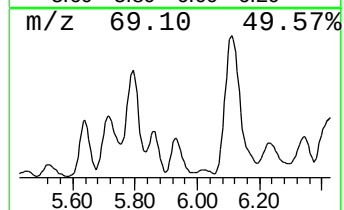
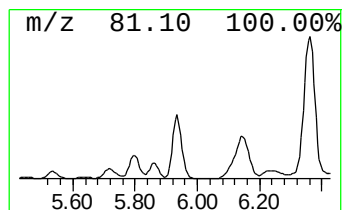
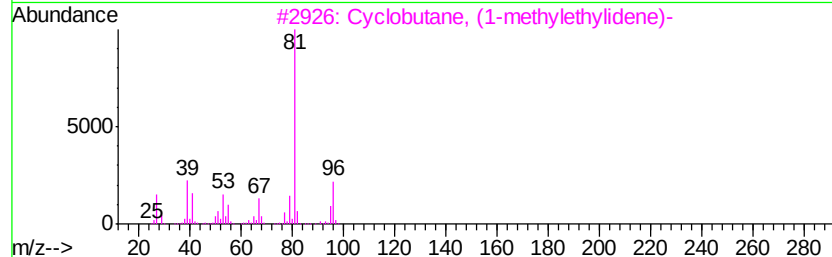
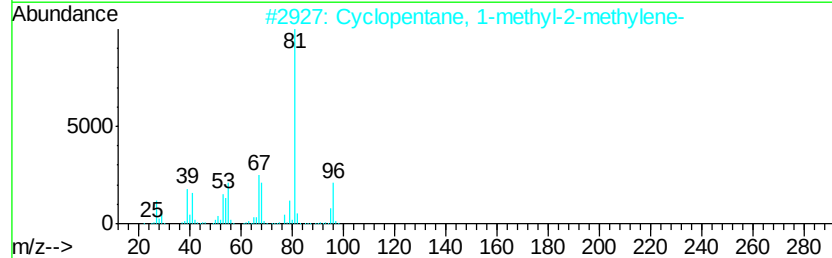
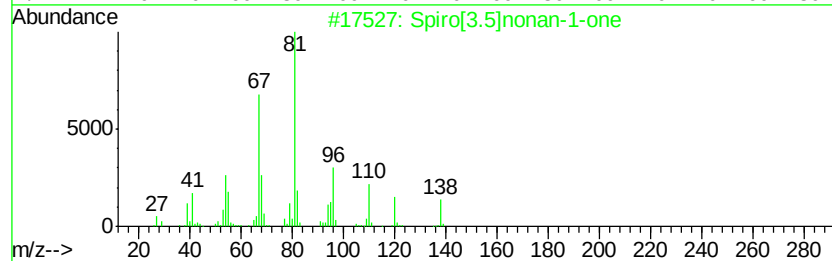
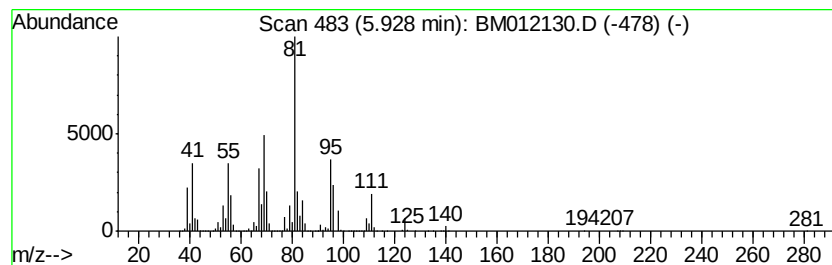
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Spiro[3.5]nonan-1-one Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.01 ng/ul	15025700	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	59
2		Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	50
3		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	49
4		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	46
5		2-n-Butyl furan	124	C8H12O	004466-24-4	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
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Instrument :
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ClientSampleId :
B-75(1-3)-092917

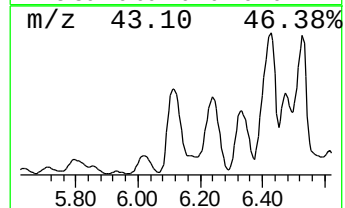
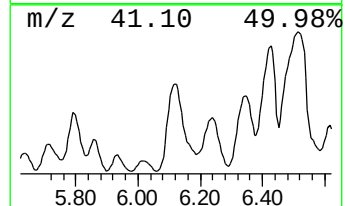
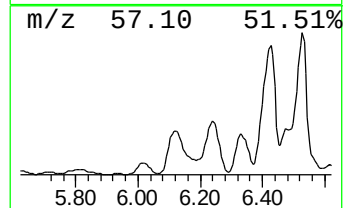
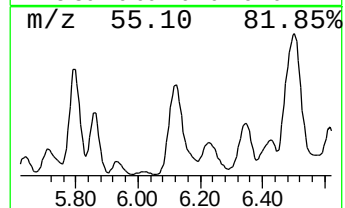
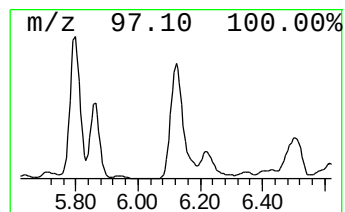
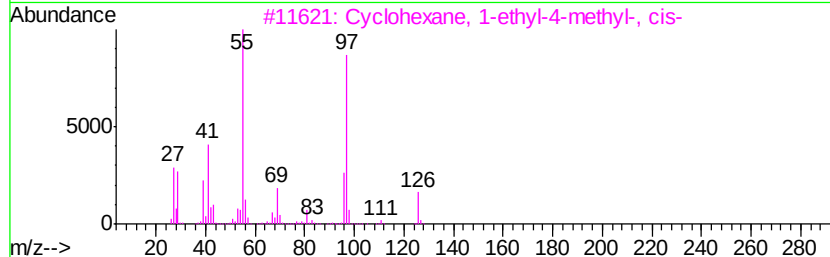
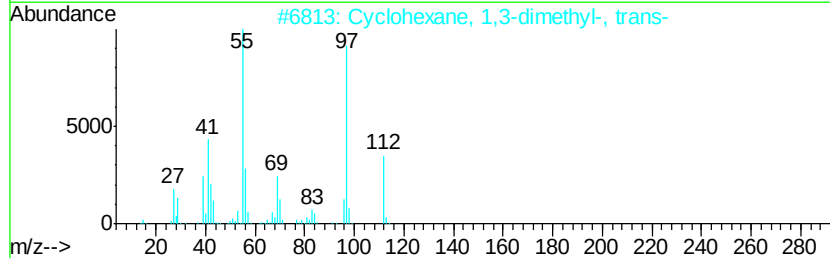
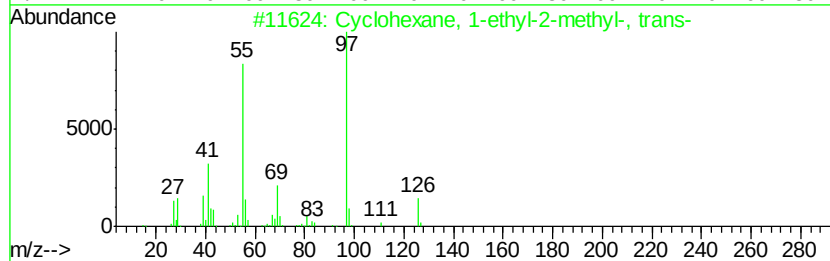
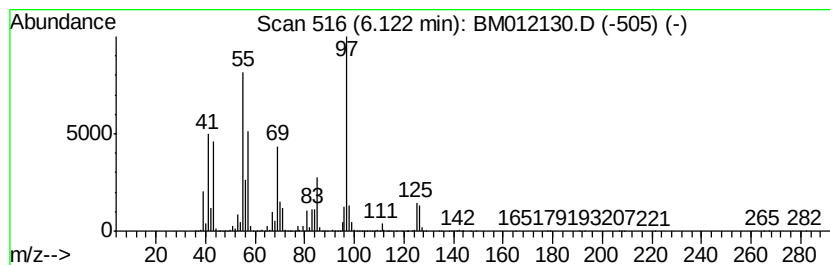
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	14.90 ng/ul	111468000	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52
5		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

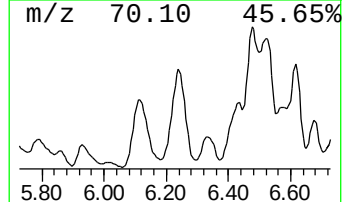
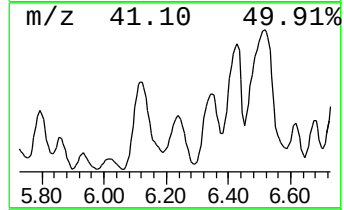
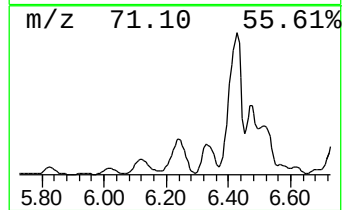
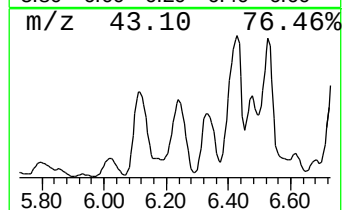
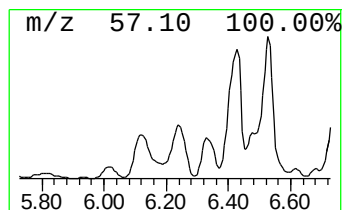
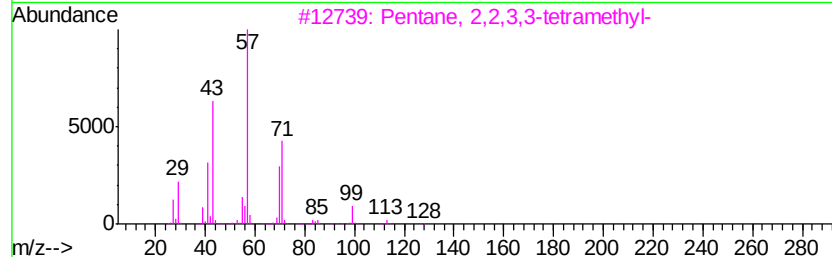
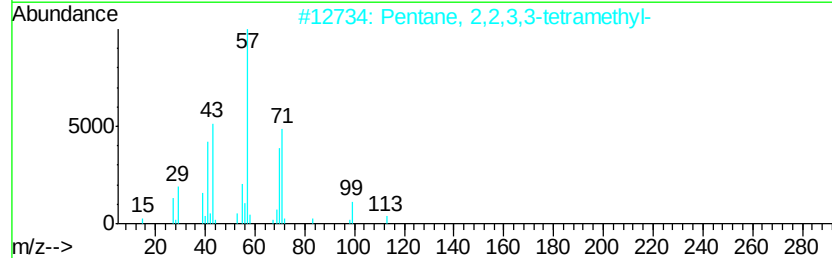
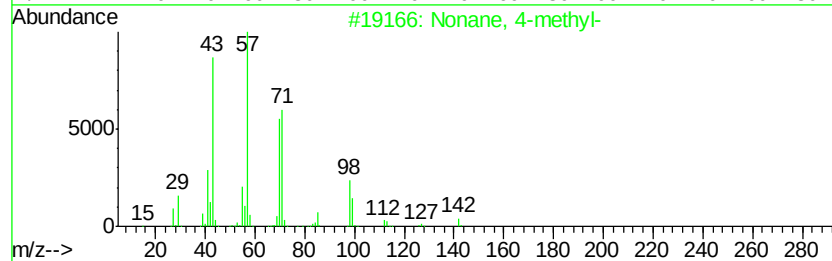
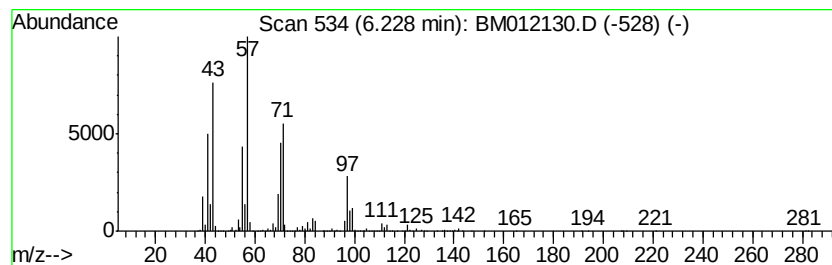
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	5.95 ng/ul	44499100	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(1-3)-092917

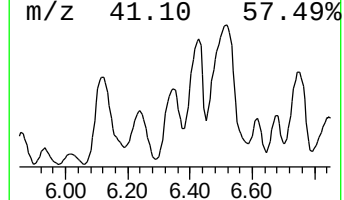
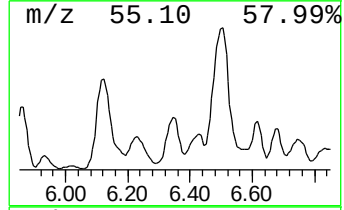
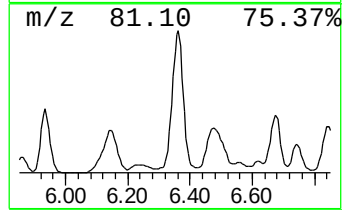
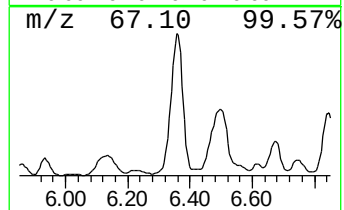
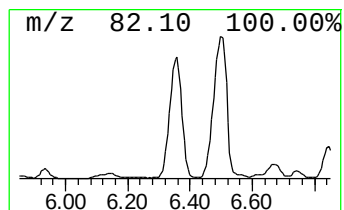
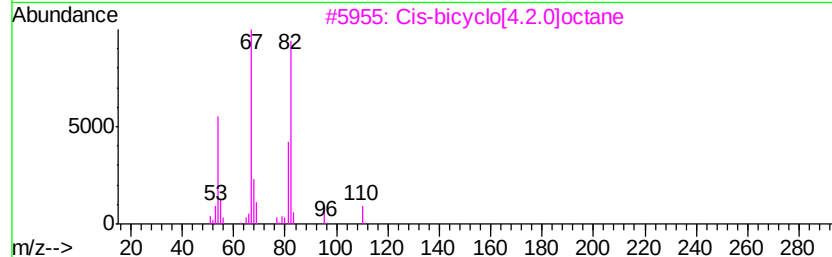
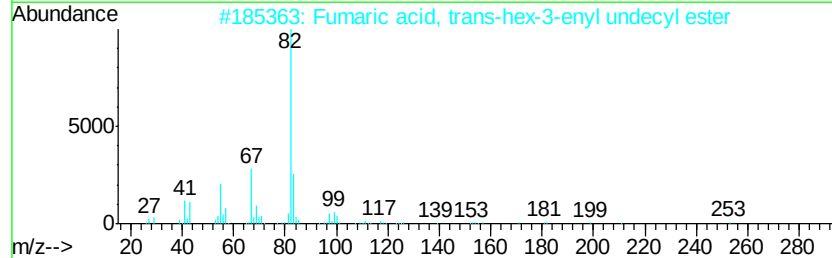
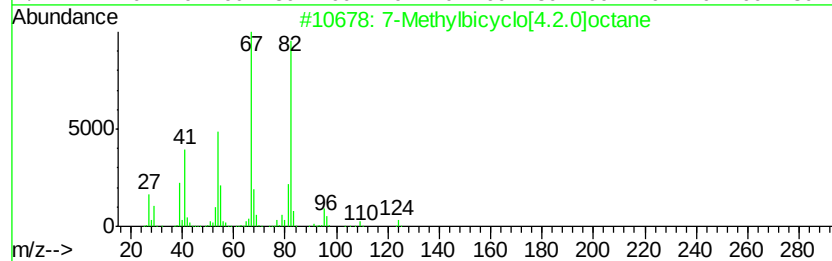
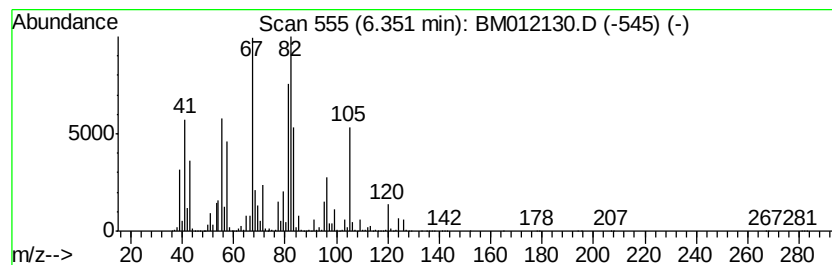
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	12.62 ng/ul	94434800	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
2		Fumaric acid, trans-hex-3-enyl u...	352	C21H36O4	1000348-89-1	47
3		Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	47
4		(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	43
5		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(1-3)-092917

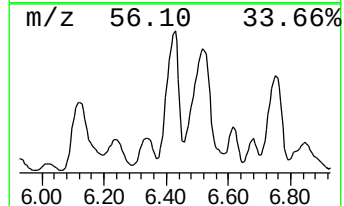
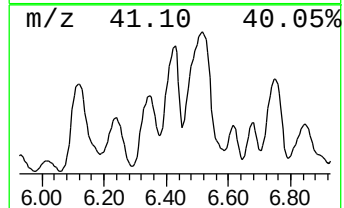
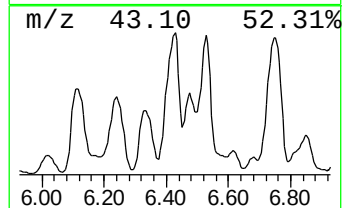
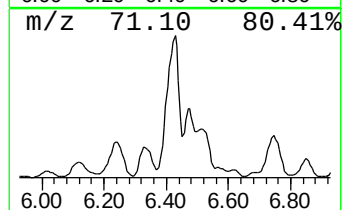
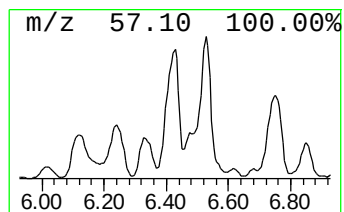
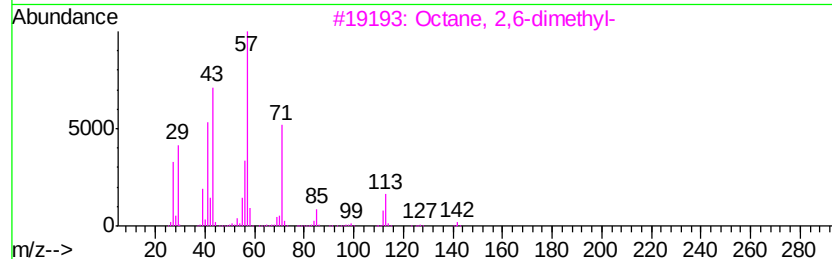
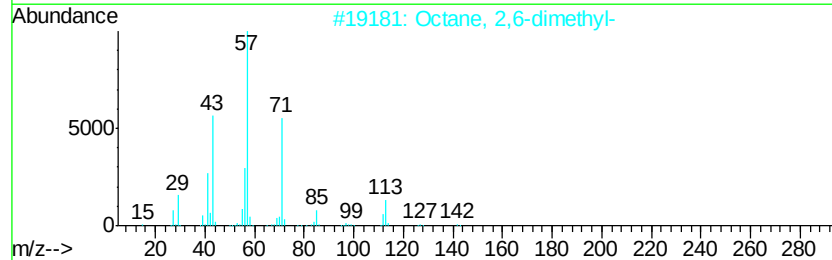
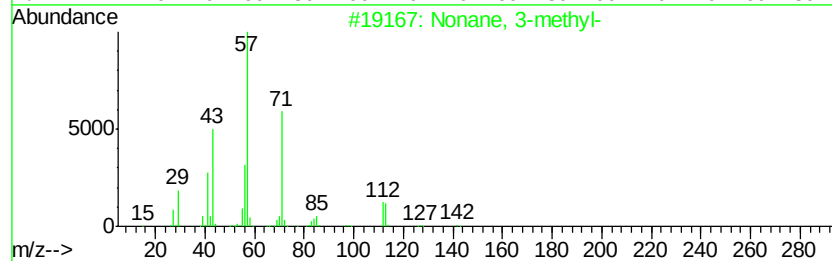
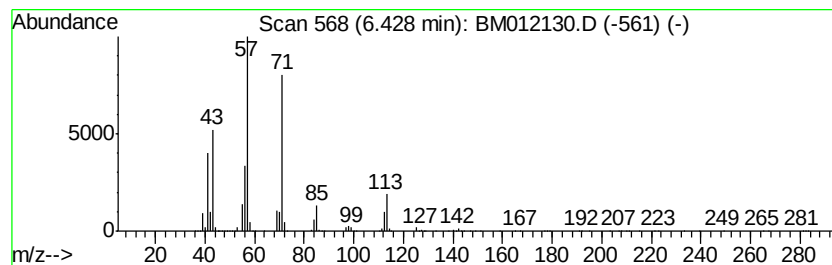
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	10.43 ng/ul	78055600	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
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Misc :
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ClientSampleId :
B-75(1-3)-092917

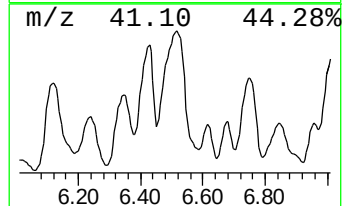
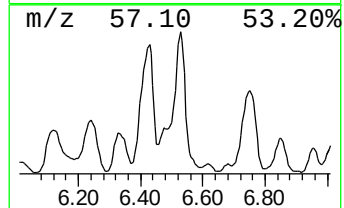
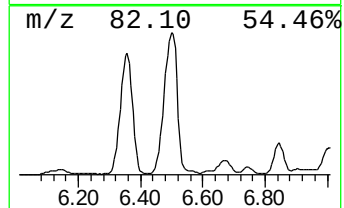
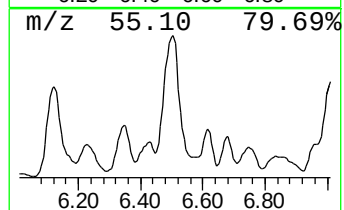
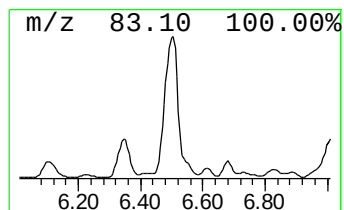
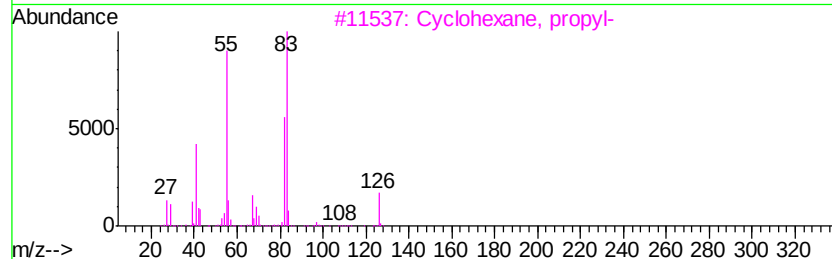
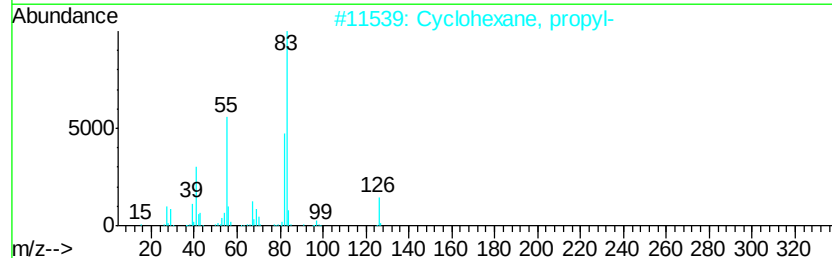
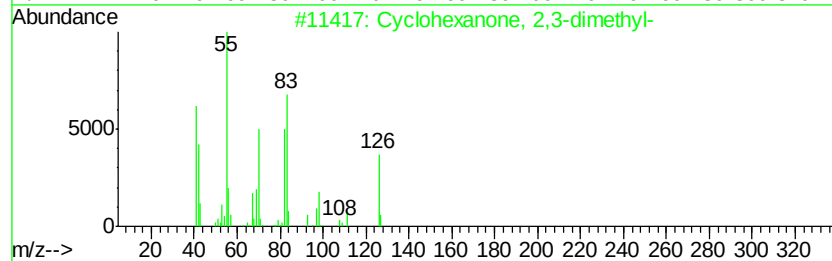
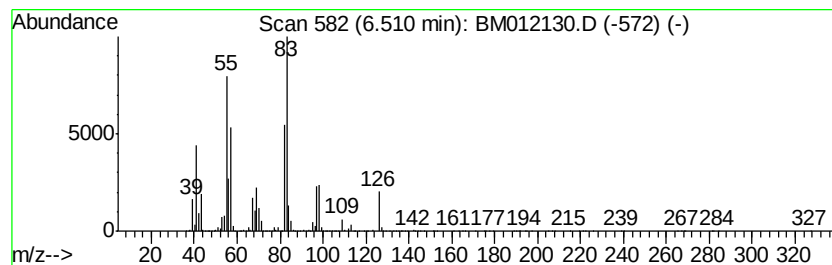
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclohexanone, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	25.06 ng/ul	187509000	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	83
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	68
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(1-3)-092917

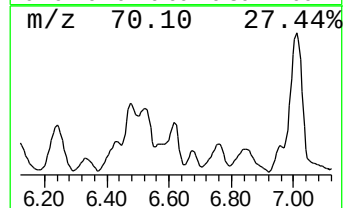
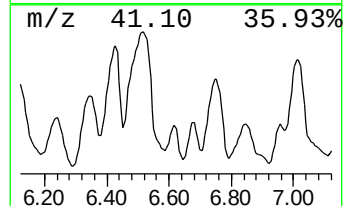
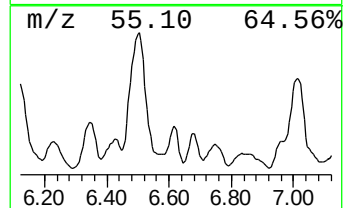
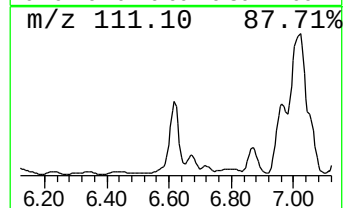
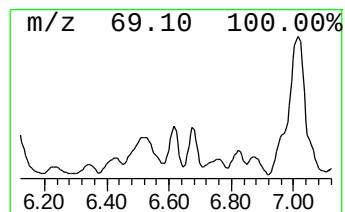
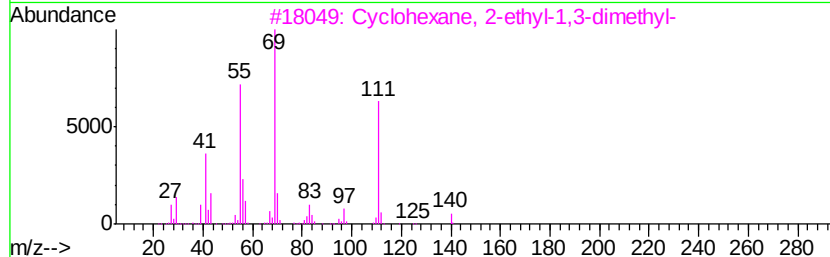
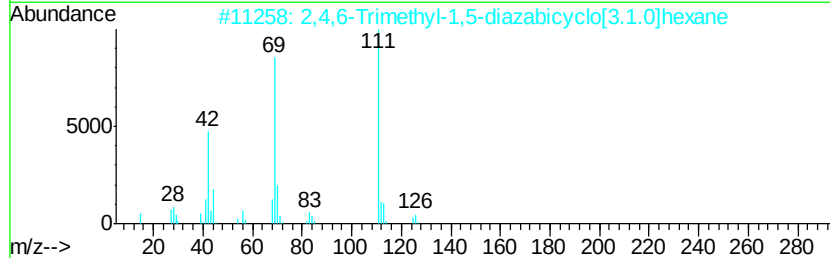
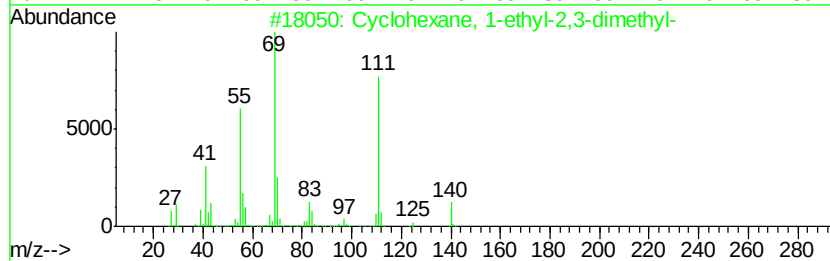
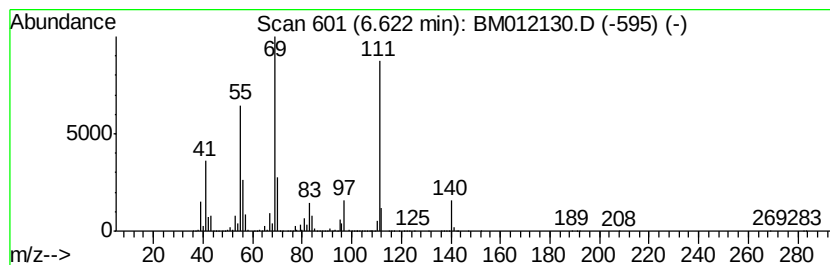
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Cyclohexane, 1-ethyl-2,3-di... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	2.71 ng/ul	20242100	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	87
2		2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	72
3		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	72
4		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	72
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

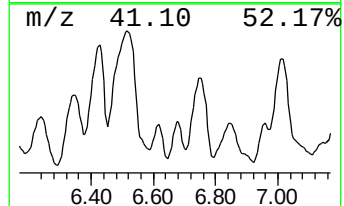
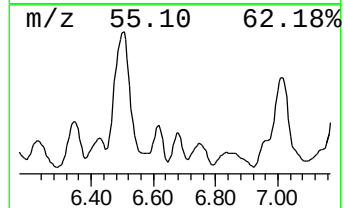
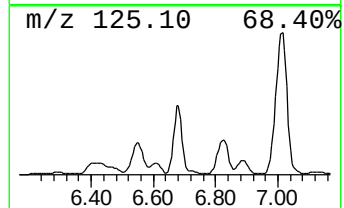
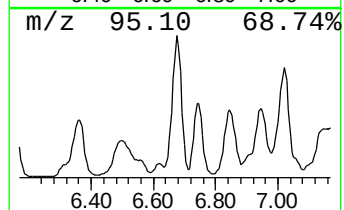
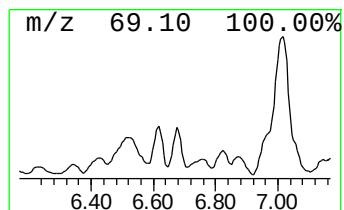
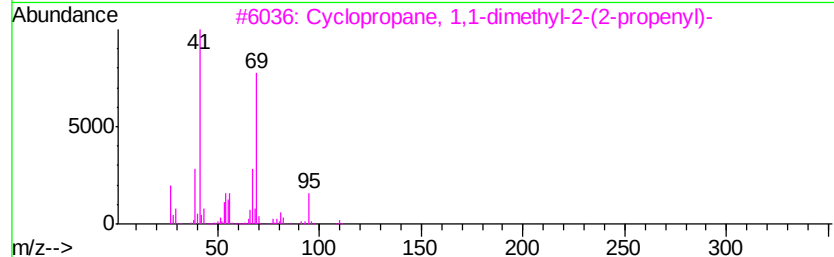
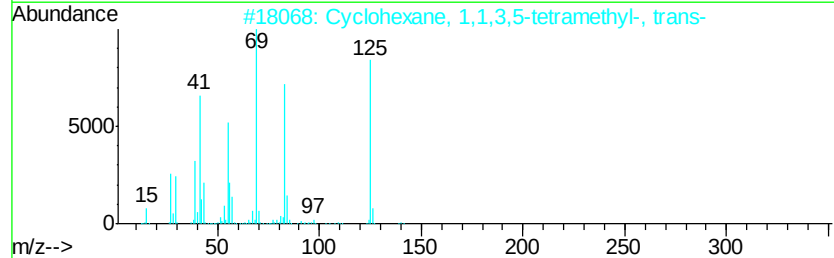
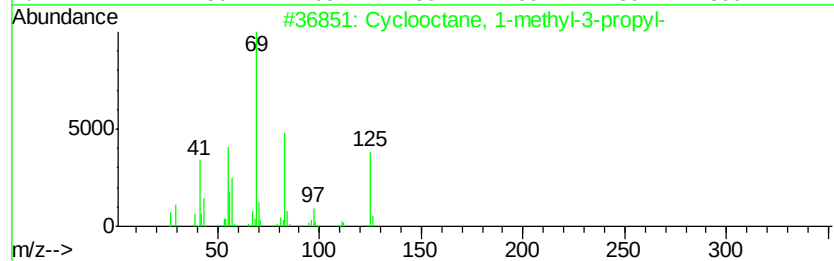
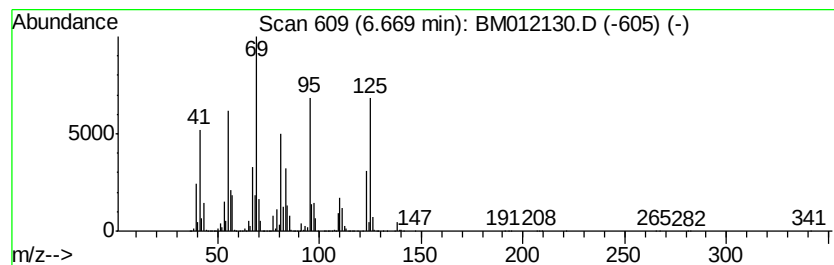
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Cyclooctane, 1-methyl-3-pro... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	3.95 ng/ul	29577800	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	49
3			Cyclopropane, 1,1-dimethyl-2-(2-...	110	C8H14	036939-15-8	35
4			2(1H)-Pyridinone, 4-hydroxy-6-me...	125	C6H7NO2	003749-51-7	30
5			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

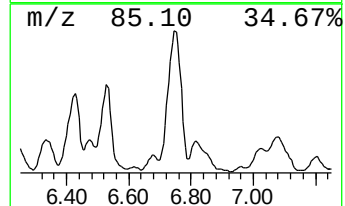
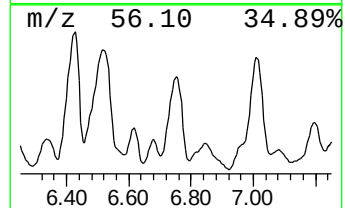
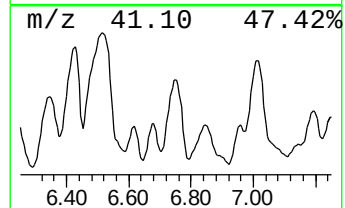
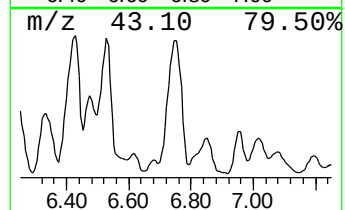
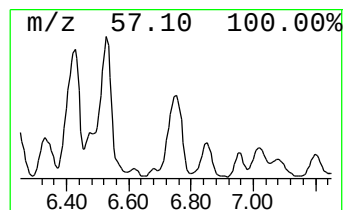
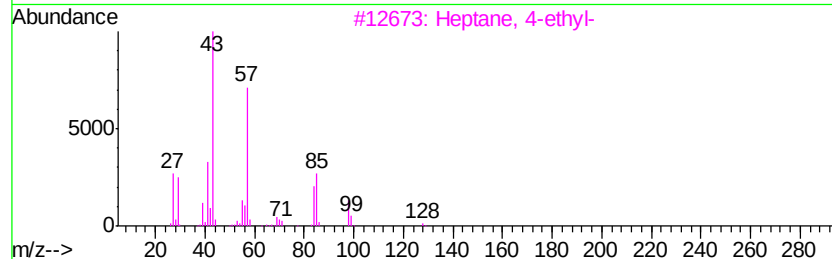
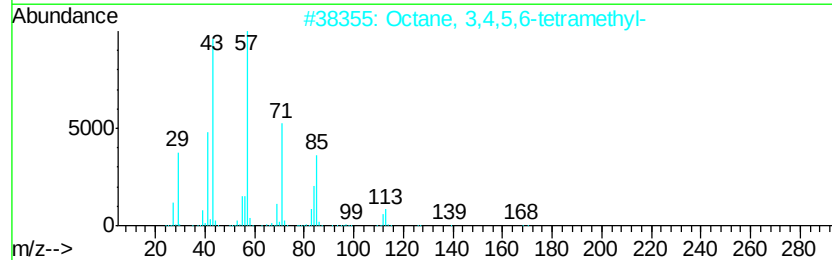
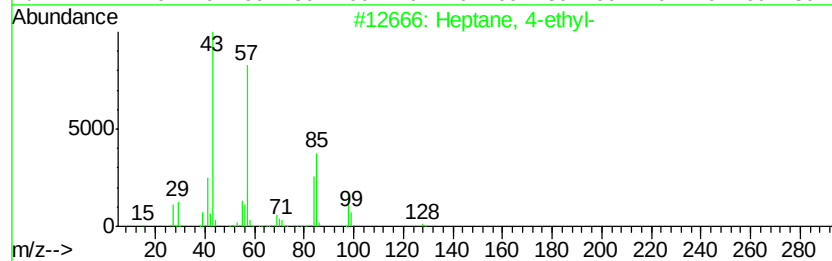
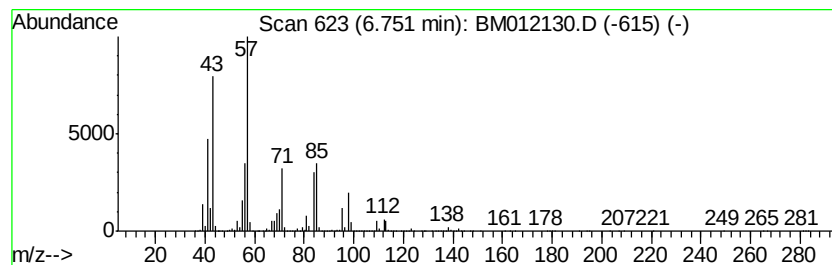
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	8.91 ng/ul	66664400	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
2			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	49
4			Heptane, 4-ethyl-	128	C9H20	002216-32-2	49
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

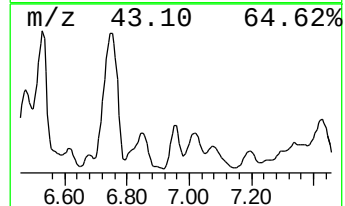
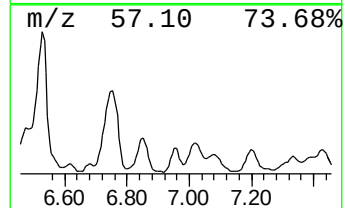
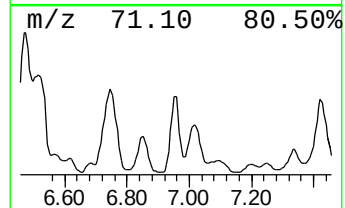
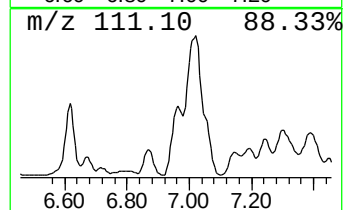
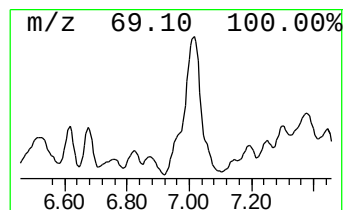
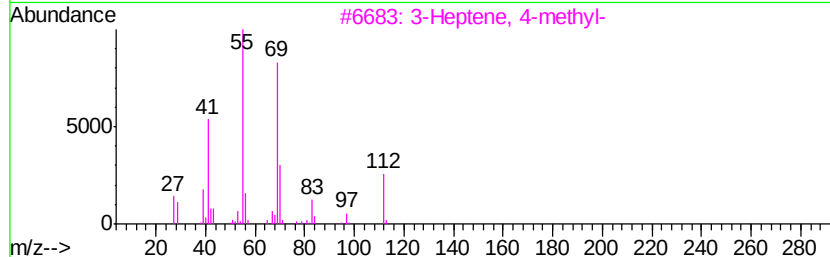
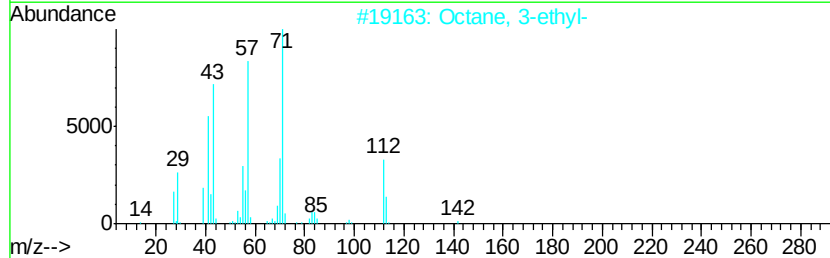
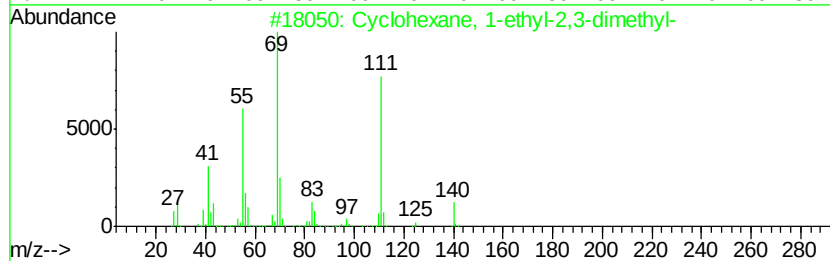
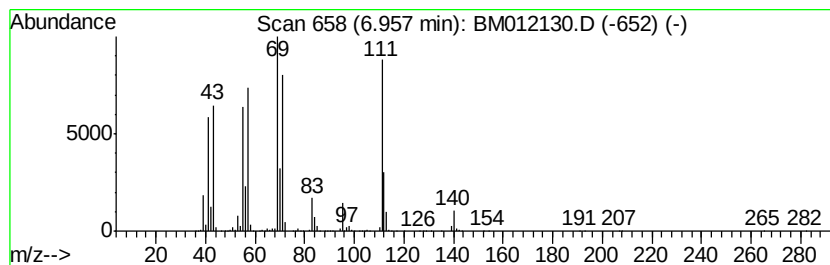
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	3.18 ng/ul	23759100	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	47
2			Octane, 3-ethyl-	142	C10H22	005881-17-4	41
3			3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	35
5			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(1-3)-092917

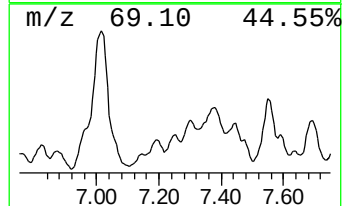
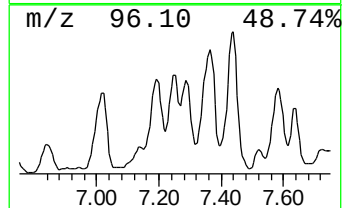
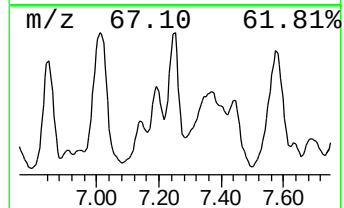
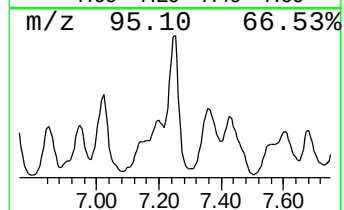
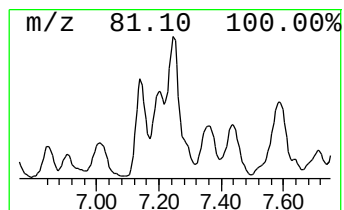
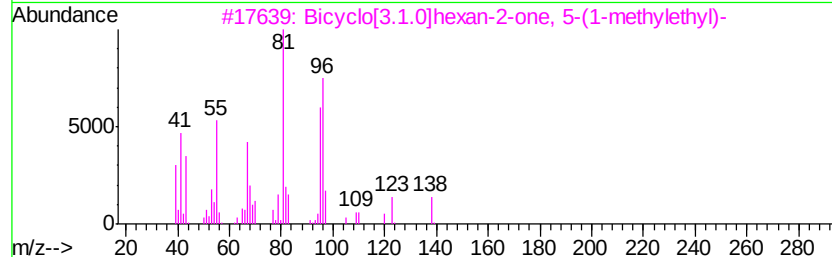
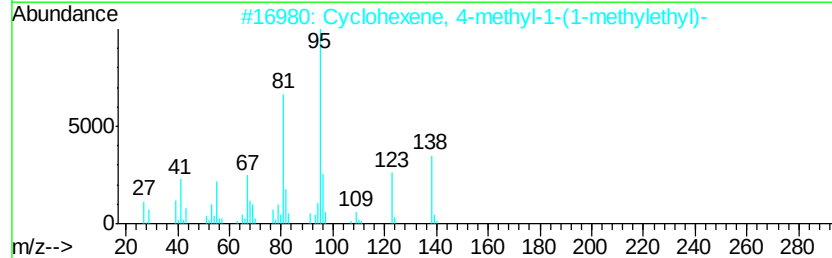
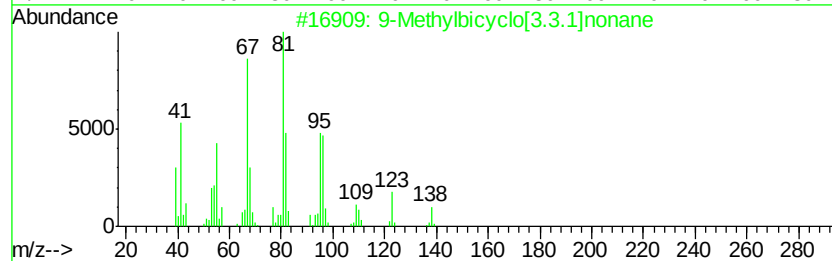
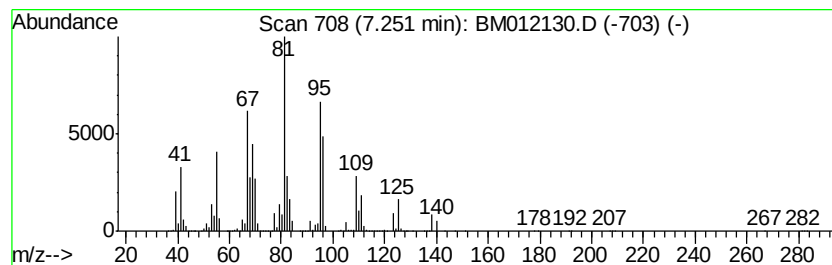
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 9-Methylbicyclo[3.3.1]nonane Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	3.17 ng/ul	23690900	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	64
2		Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	62
3		Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	62
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	53
5		Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

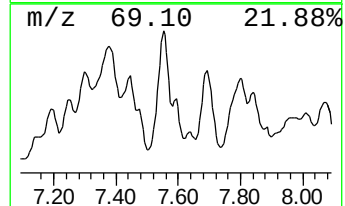
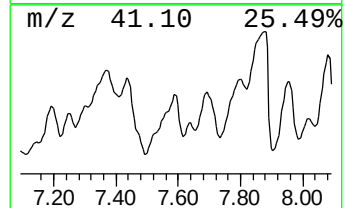
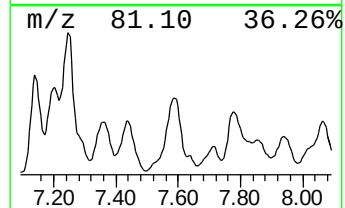
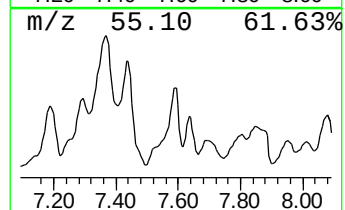
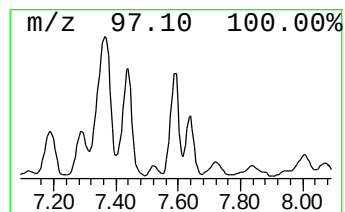
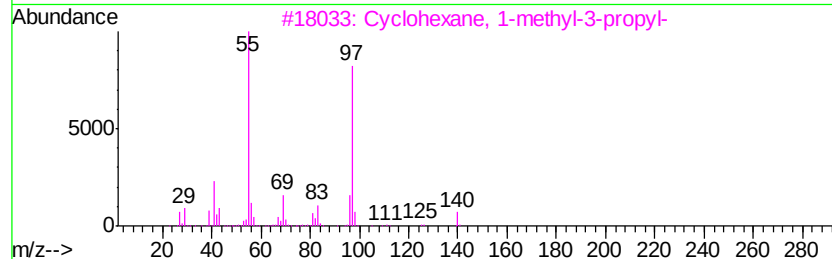
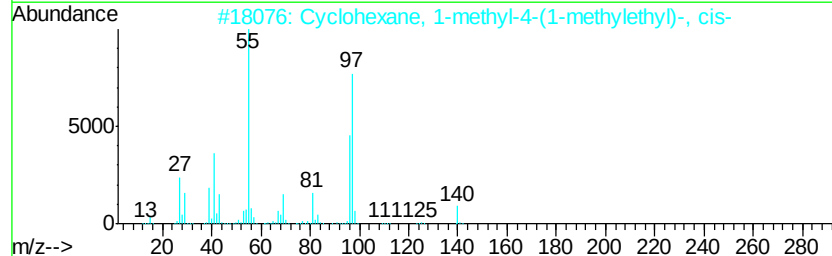
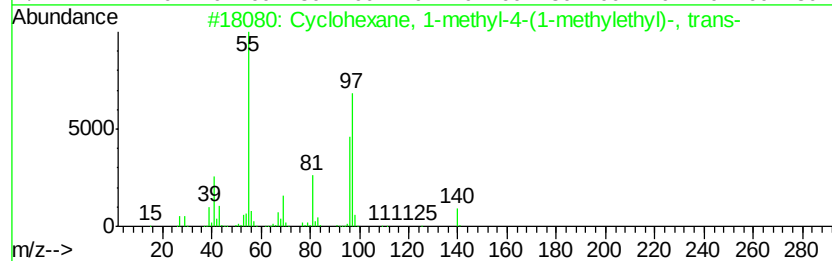
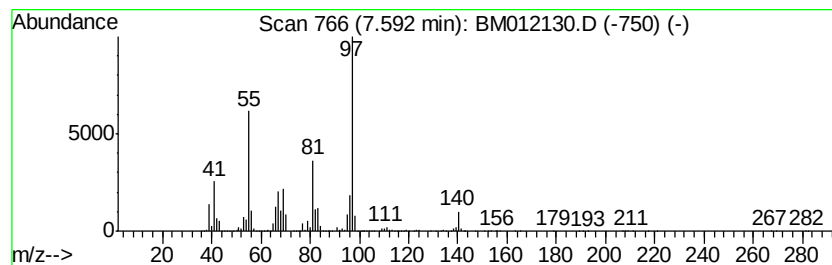
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	13.34 ng/ul	99835900	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
2		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
3		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	50
4		Bicyclo[3.3.1]nonan-1-ol	140	C9H16O	015158-56-2	50
5		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

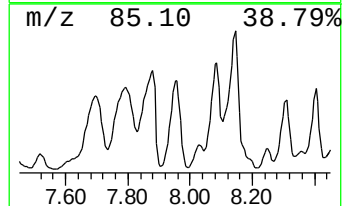
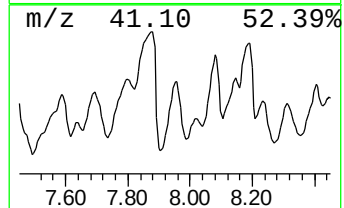
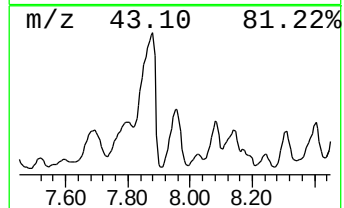
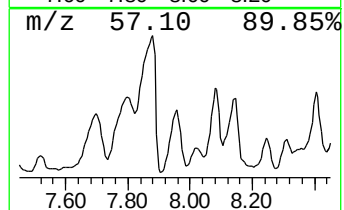
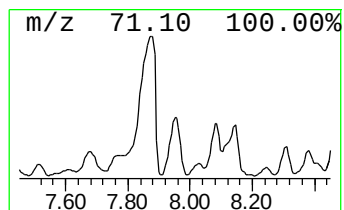
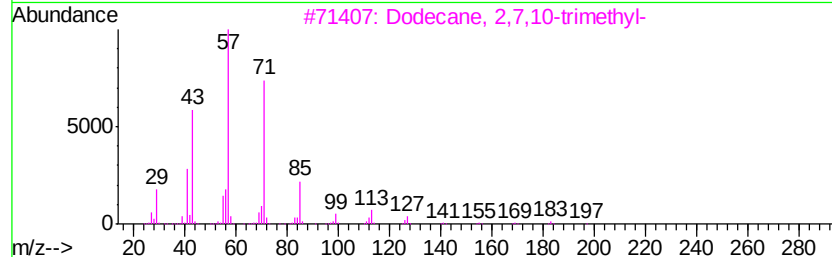
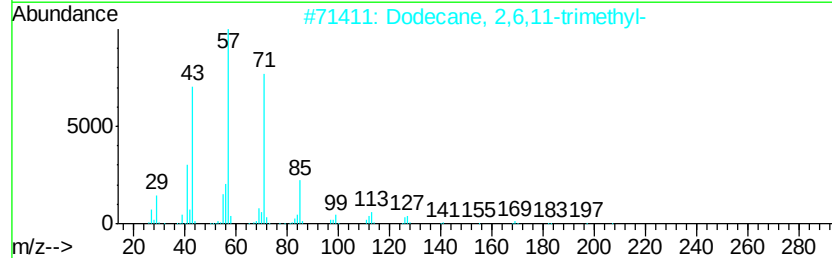
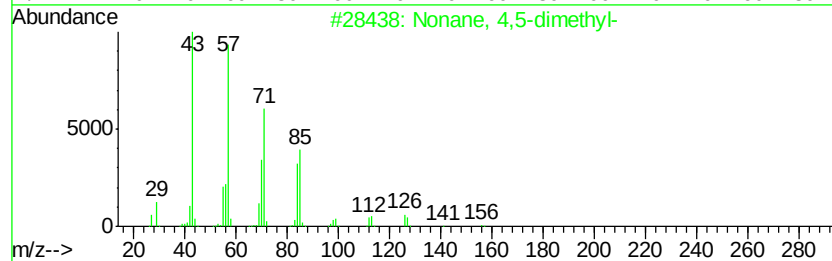
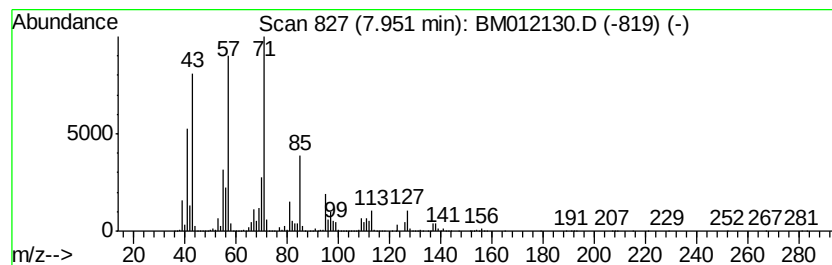
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	7.86 ng/ul	58800900	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	52
5			Decane, 4-methyl-	156	C11H24	002847-72-5	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

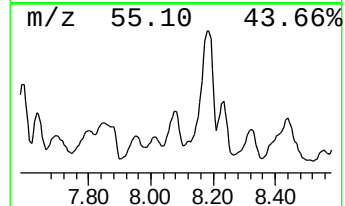
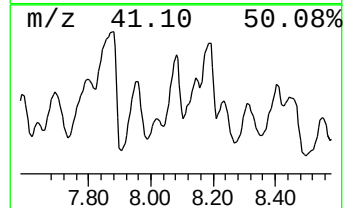
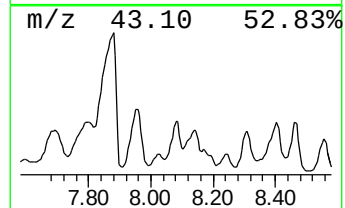
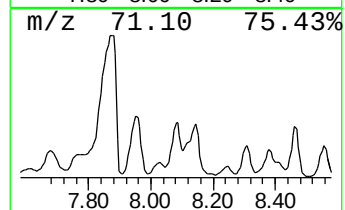
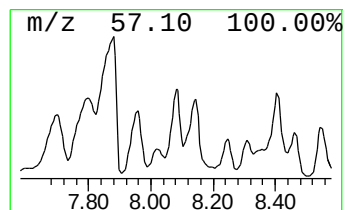
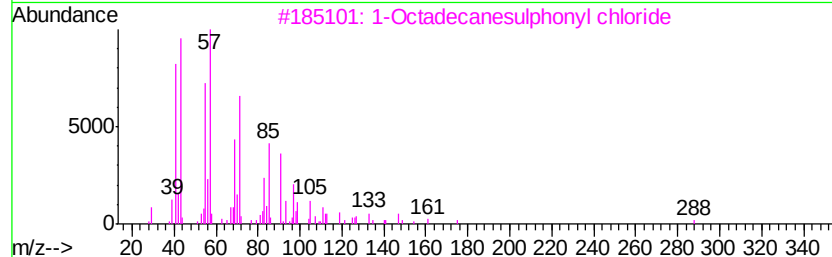
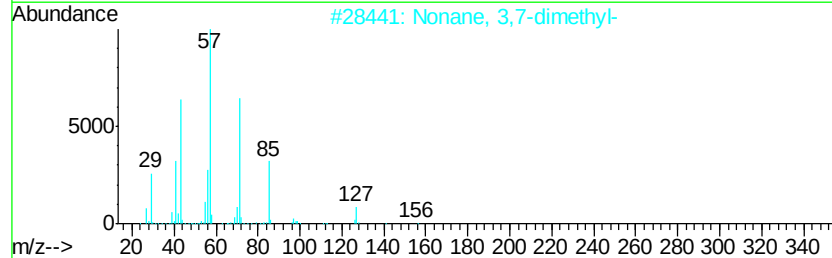
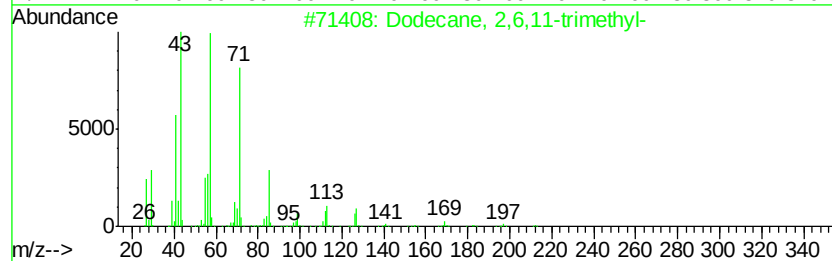
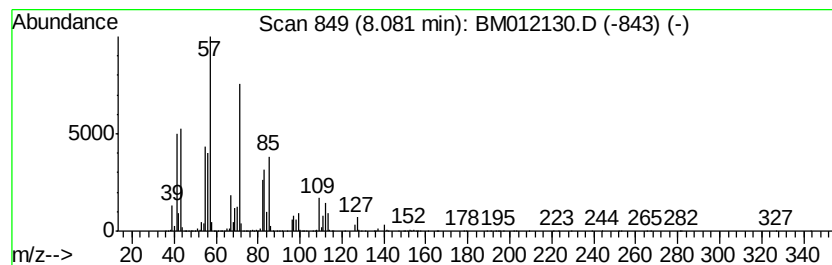
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	5.78 ng/ul	43216900	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	55
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	53
4		Tritetracontane	605	C43H88	007098-21-7	53
5		Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

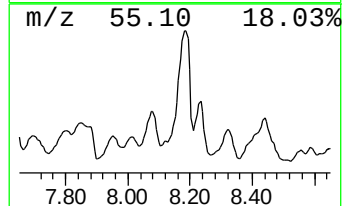
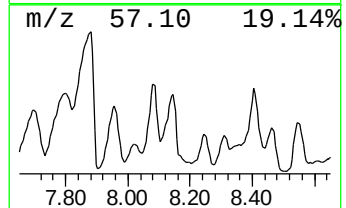
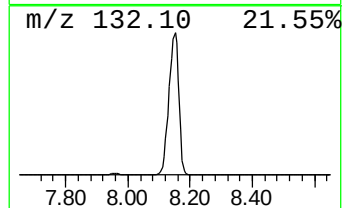
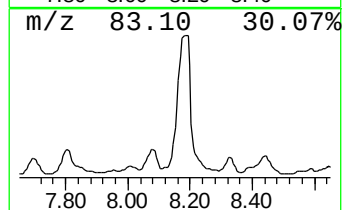
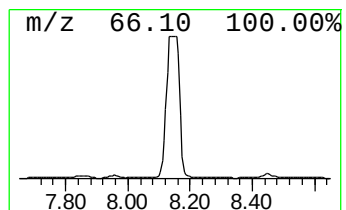
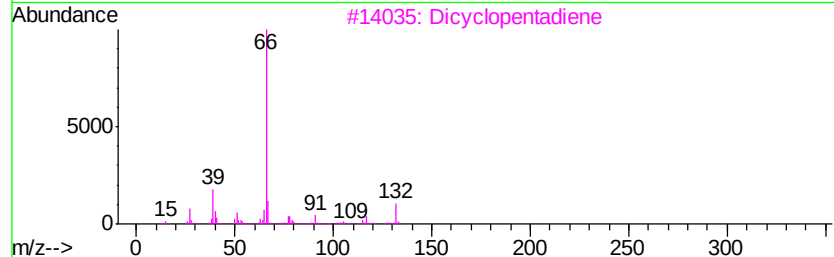
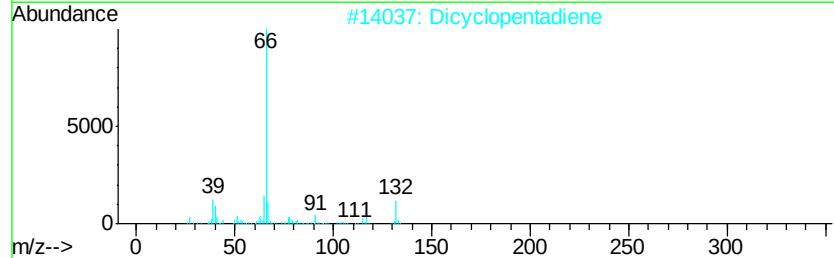
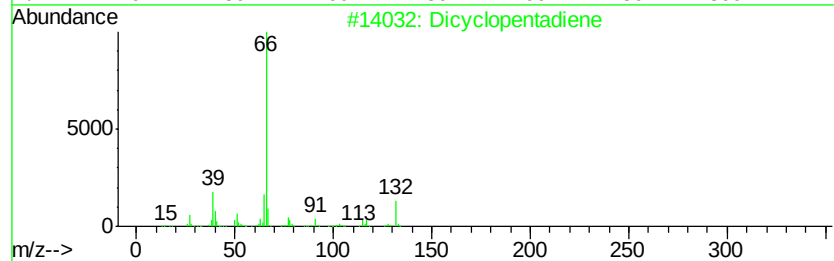
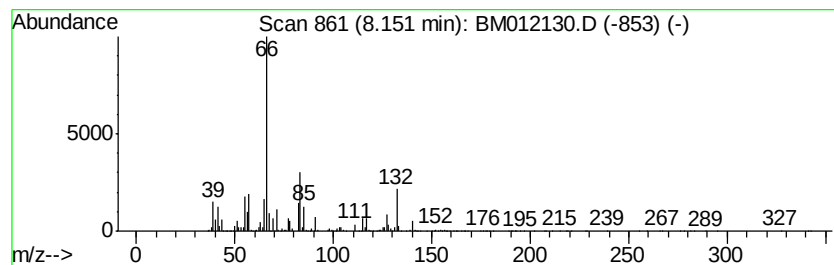
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Dicyclopentadiene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	12.43 ng/ul	93051200	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dicyclopentadiene	132	C10H12	000077-73-6	91
2		Dicyclopentadiene	132	C10H12	000077-73-6	87
3		Dicyclopentadiene	132	C10H12	000077-73-6	80
4		5-Exo-ethynyl-5-endo-norbornenol	134	C9H10O	106697-35-2	72
5		Dicyclopentadiene	132	C10H12	000077-73-6	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

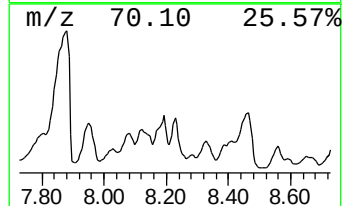
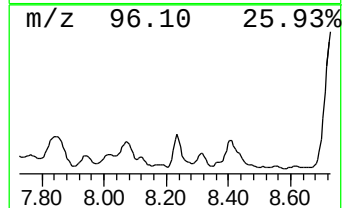
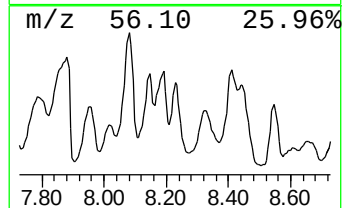
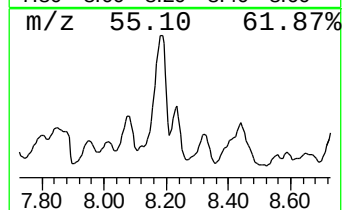
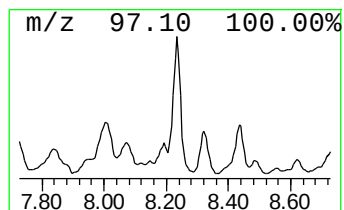
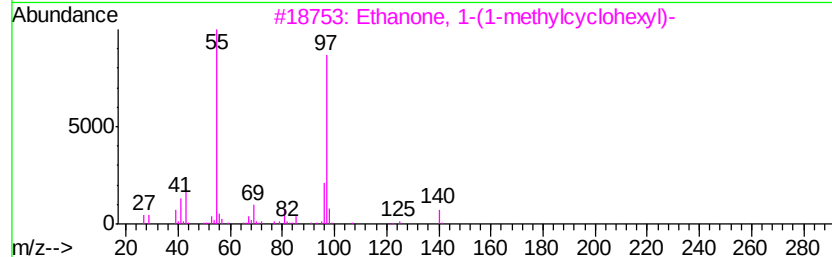
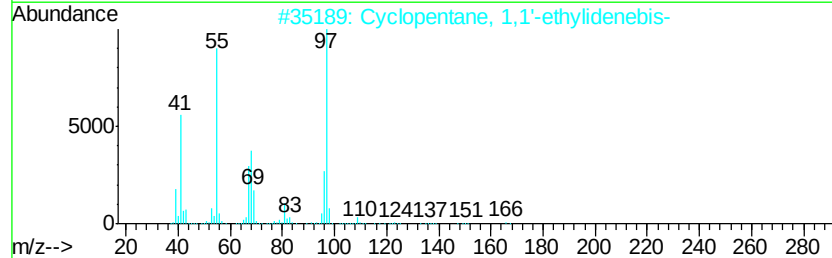
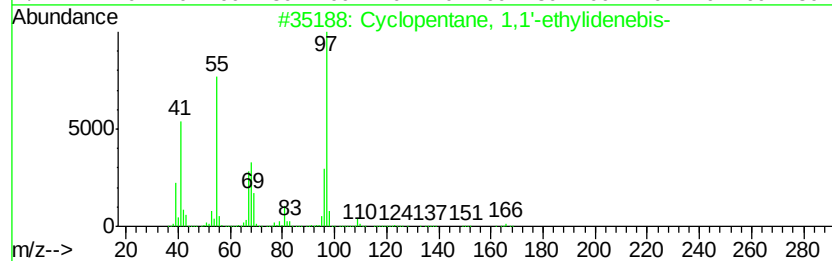
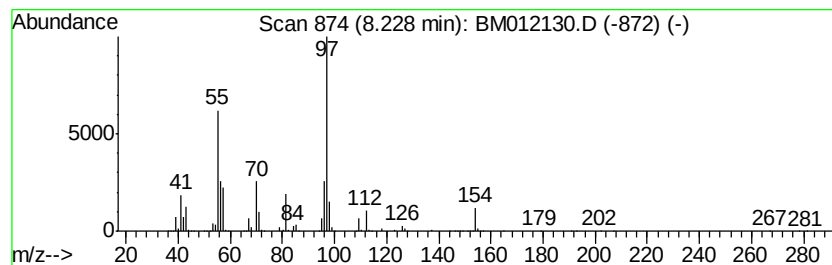
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 Cyclopentane, 1,1'-ethylide... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	3.54 ng/ul	26486600	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	64
2			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	64
3			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
4			5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	53
5			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

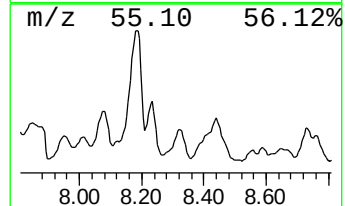
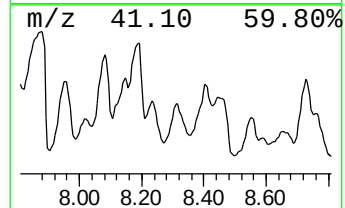
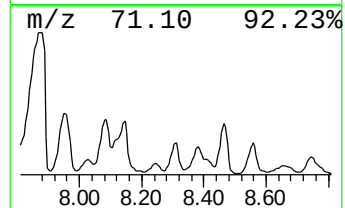
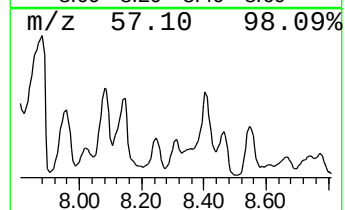
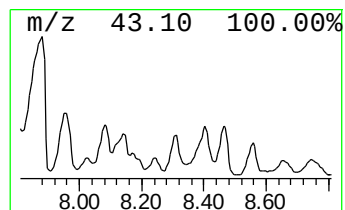
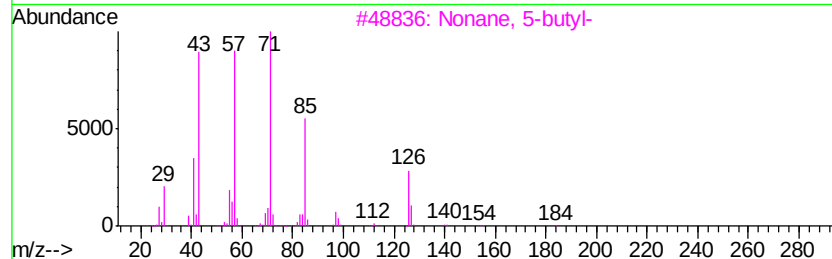
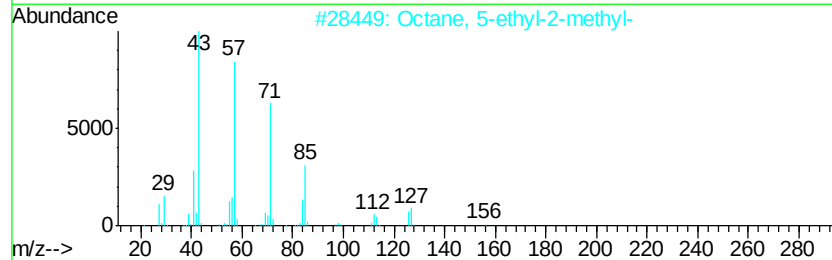
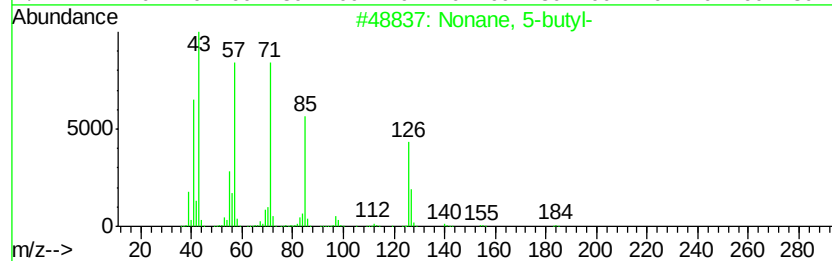
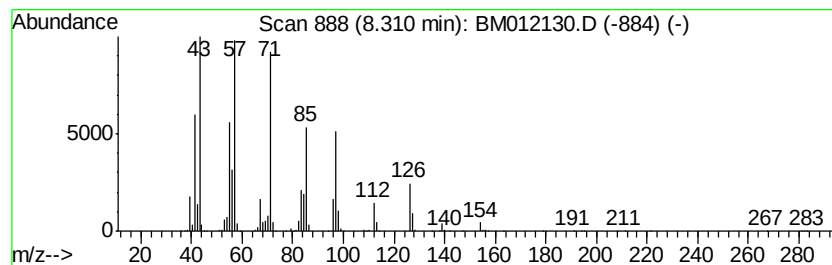
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	2.63 ng/ul	19686900	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-butyl-	184	C13H28	017312-63-9	47
2			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	46
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	43
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
5			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

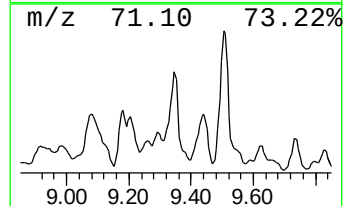
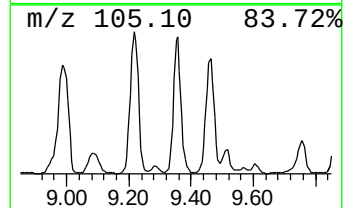
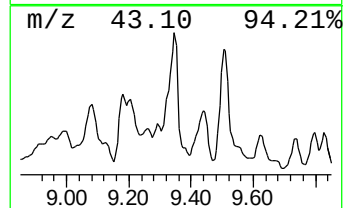
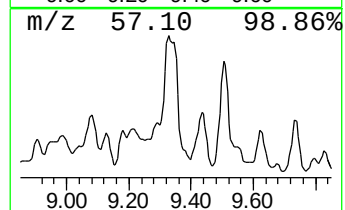
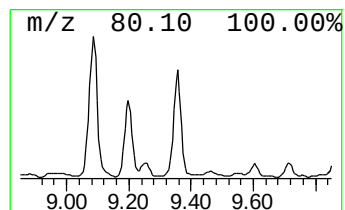
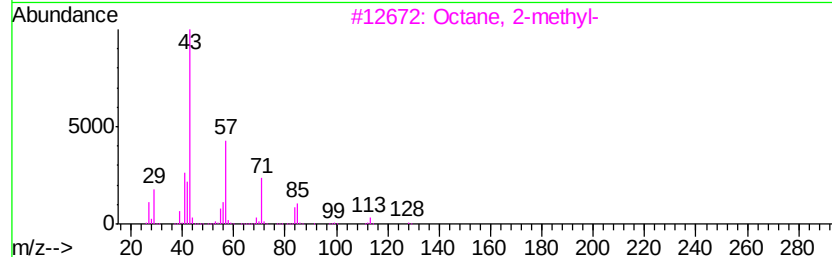
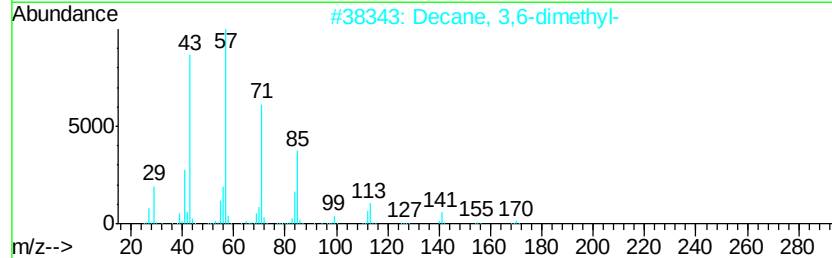
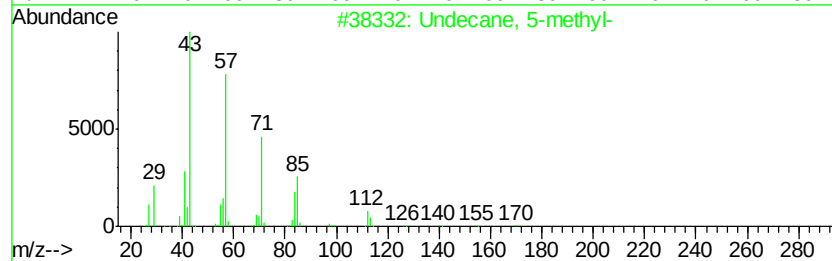
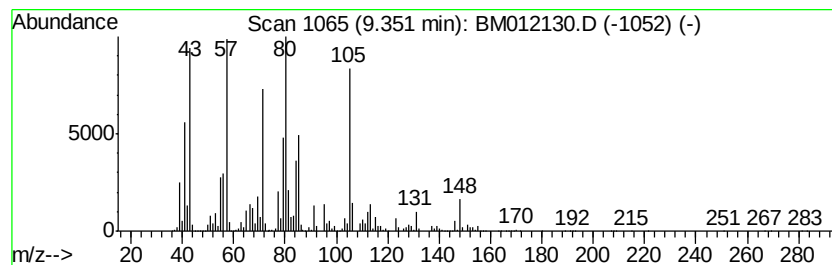
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	269.30 ng/ul	49966800	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	55
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
3		Octane, 2-methyl-	128	C9H20	003221-61-2	49
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	49
5		2,6-Dimethyldecane	170	C12H26	013150-81-7	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012130.D
Acq On : 13 Oct 2017 10:03
Operator : SJ/JU
Sample : I5568-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(1-3)-092917

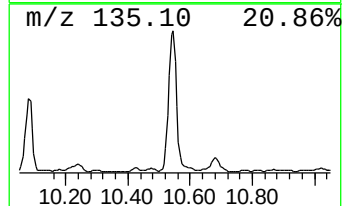
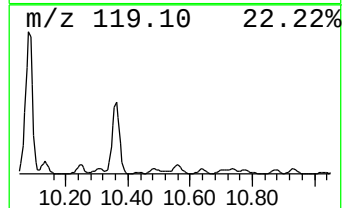
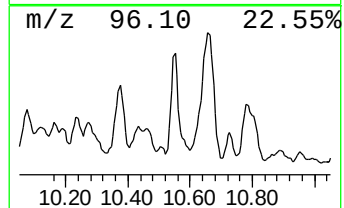
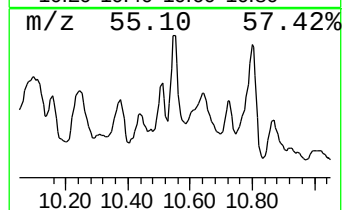
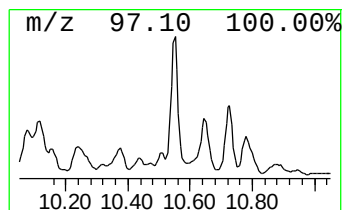
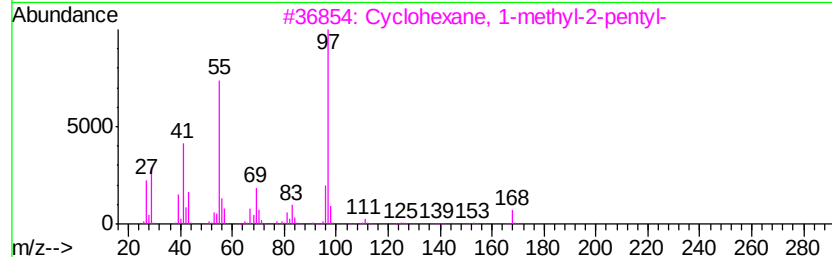
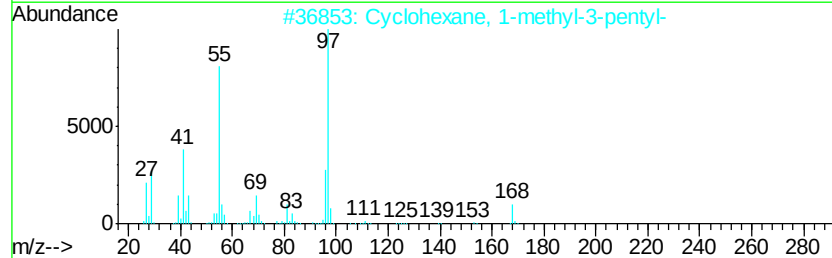
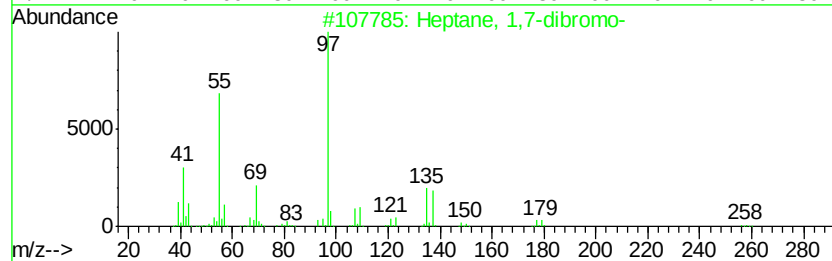
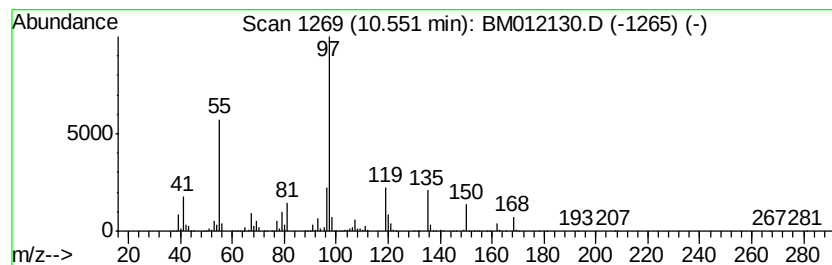
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	20.97 ng/ul	3890090	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 1,7-dibromo-	256	C7H14Br2	004549-31-9	47
2		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	43
3		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	43
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43
5		Cyclopentanecarboxylic acid, 1-c...	210	C13H22O2	1000282-58-9	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012130.D
 Acq On : 13 Oct 2017 10:03
 Operator : SJ/JU
 Sample : I5568-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-75(1-3)-092917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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: Str...	4.76	2.7	ng/ul	20325100	1	7.87	149661000	20.0
(DEL) Alkane: Str...	4.86	2.8	ng/ul	21050700	1	7.87	149661000	20.0
Cyclohexane, ethyl-	4.97	2.3	ng/ul	17311000	1	7.87	149661000	20.0
Cyclohexane, 1,1,...	5.03	3.6	ng/ul	27017300	1	7.87	149661000	20.0
(DEL) Alkane: Str...	5.18	2.6	ng/ul	19168400	1	7.87	149661000	20.0
Cyclohexane, 1,2,...	5.27	3.9	ng/ul	29223500	1	7.87	149661000	20.0
Cyclohexane, 1,2,...	5.64	2.1	ng/ul	15503800	1	7.87	149661000	20.0
unknown-01	5.71	3.4	ng/ul	25730100	1	7.87	149661000	20.0
cis-1-Ethyl-3-met...	5.79	5.6	ng/ul	41983800	1	7.87	149661000	20.0
1-Ethyl-3-methylc...	5.86	3.3	ng/ul	24982600	1	7.87	149661000	20.0
Spiro[3.5]nonan-1...	5.93	2.0	ng/ul	15025700	1	7.87	149661000	20.0
Cyclohexane, 1-et...	6.12	14.9	ng/ul	111468000	1	7.87	149661000	20.0
(DEL) Alkane: Str...	6.23	6.0	ng/ul	44499100	1	7.87	149661000	20.0
unknown-02	6.35	12.6	ng/ul	94434800	1	7.87	149661000	20.0
(DEL) Alkane: Str...	6.43	10.4	ng/ul	78055600	1	7.87	149661000	20.0
Cyclohexanone, 2,...	6.51	25.1	ng/ul	187509000	1	7.87	149661000	20.0
Cyclohexane, 1-et...	6.62	2.7	ng/ul	20242100	1	7.87	149661000	20.0
Cyclooctane, 1-me...	6.67	4.0	ng/ul	29577800	1	7.87	149661000	20.0
(DEL) Alkane: Str...	6.75	8.9	ng/ul	66664400	1	7.87	149661000	20.0
unknown-03	6.96	3.2	ng/ul	23759100	1	7.87	149661000	20.0
9-Methylbicyclo[3...	7.25	3.2	ng/ul	23690900	1	7.87	149661000	20.0
Cyclohexane, 1-me...	7.59	13.3	ng/ul	99835900	1	7.87	149661000	20.0
(DEL) Alkane: Str...	7.95	7.9	ng/ul	58800900	1	7.87	149661000	20.0
(DEL) Alkane: Str...	8.08	5.8	ng/ul	43216900	1	7.87	149661000	20.0
Dicyclopentadiene	8.15	12.4	ng/ul	93051200	1	7.87	149661000	20.0
Cyclopentane, 1,1...	8.23	3.5	ng/ul	26486600	1	7.87	149661000	20.0
(DEL) Alkane: Str...	8.31	2.6	ng/ul	19686900	1	7.87	149661000	20.0
(DEL) Alkane: Str...	9.35	269.3	ng/ul	49966800	2	10.67	3710930	20.0
(DEL) Alkane: Str...	10.55	21.0	ng/ul	3890090	2	10.67	3710930	20.0