

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM011997.D
 Acq On : 09 Oct 2017 03:27
 Operator : SJ/JU
 Sample : I5722-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-39

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-BM100317.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	4.134	166	178	183	rBV	2571407	4346972	1.58%	0.299%
2	4.475	232	236	245	rVB	2333693	3941681	1.43%	0.271%
3	4.657	263	267	276	rVV	1831443	3257512	1.18%	0.224%
4	4.857	296	301	308	rVV	4525089	7963061	2.89%	0.547%
5	4.922	308	312	323	rVB4	1907282	4119537	1.49%	0.283%
6	5.028	323	330	336	rBV2	4610323	8416440	3.05%	0.578%
7	5.087	336	340	345	rVV	1822985	3372310	1.22%	0.232%
8	5.187	353	357	361	rVV	3538841	5890365	2.14%	0.405%
9	5.269	366	371	379	rVB	5424164	9526584	3.45%	0.654%
10	5.516	406	413	424	rVB4	1157687	3042841	1.10%	0.209%
11	5.640	424	434	440	rBV2	3006161	6023742	2.18%	0.414%
12	5.710	440	446	451	rBV3	2799255	5823385	2.11%	0.400%
13	5.787	454	459	464	rVV3	3639788	6702958	2.43%	0.460%
14	5.857	466	471	478	rVB	4967597	8570048	3.11%	0.589%
15	5.928	478	483	492	rBV	3406224	6118624	2.22%	0.420%
16	6.010	492	497	505	rVB2	1658563	3191094	1.16%	0.219%
17	6.110	505	514	521	rBV4	11858887	30869977	11.19%	2.120%
18	6.169	521	524	527	rVV2	2125048	2865690	1.04%	0.197%
19	6.228	527	534	540	rVB3	5666752	12140093	4.40%	0.834%
20	6.322	544	550	558	rBV5	8223181	18005185	6.53%	1.237%
21	6.446	565	571	574	rVV3	6306688	13006311	4.72%	0.893%
22	6.510	577	582	590	rVV	13227232	27205066	9.86%	1.868%
23	6.598	592	597	602	rVB	5038812	8046120	2.92%	0.553%
24	6.657	602	607	613	rBV4	5697426	10054306	3.65%	0.690%
25	6.734	613	620	627	rVB5	7388180	18544744	6.72%	1.274%
26	6.804	627	632	634	rBV	2013309	3219372	1.17%	0.221%
27	6.934	649	654	658	rBV3	5131439	8458495	3.07%	0.581%
28	6.987	658	663	670	rVV3	18122202	38076364	13.80%	2.615%
29	7.128	682	687	689	rBV	3784208	5892532	2.14%	0.405%
30	7.175	689	695	700	rVV3	8268862	18341960	6.65%	1.260%
31	7.228	700	704	708	rVV3	8666426	15062534	5.46%	1.034%
32	7.269	708	711	714	rVV2	6065826	9725725	3.53%	0.668%
33	7.334	717	722	727	rVV2	11880978	25586391	9.28%	1.757%
34	7.381	727	730	731	rVV	6250885	8298387	3.01%	0.570%

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35	7.404	731	734	745	rVB3	10112264	23558917	8.54%	1.618%
36	7.498	745	750	752	rBV	3046752	4738168	1.72%	0.325%
37	7.528	752	755	757	rVV	2117598	2881522	1.04%	0.198%
38	7.563	757	761	767	rVB3	6969333	11933762	4.33%	0.820%
39	7.669	772	779	785	rVB5	4876570	11480174	4.16%	0.788%
40	7.769	786	796	800	rBV5	7228892	22507454	8.16%	1.546%
41	7.822	800	805	814	rVB	28464899	50832393	18.43%	3.491%
42	7.916	815	821	826	rVB4	6833619	14142492	5.13%	0.971%
43	7.975	826	831	832	rBV2	3160714	4372023	1.59%	0.300%
44	8.034	836	841	846	rVB2	11763134	18757733	6.80%	1.288%
45	8.104	846	853	855	rBV2	6133632	12079260	4.38%	0.830%
46	8.134	855	858	865	rVB2	10065050	15278937	5.54%	1.049%
47	8.198	865	869	876	rVB2	5149791	9595581	3.48%	0.659%
48	8.293	878	885	890	rVB5	3478082	7875545	2.86%	0.541%
49	8.351	890	895	898	rBV3	3831861	6694357	2.43%	0.460%
50	8.410	901	905	914	rVB	7306410	13967828	5.06%	0.959%
51	8.551	920	929	937	rBV8	3015490	9600325	3.48%	0.659%
52	8.634	938	943	947	rVB7	1457902	2956555	1.07%	0.203%
53	8.692	947	953	957	rBV	13882534	25025710	9.07%	1.719%
54	8.834	972	977	986	rVB4	2055613	5674791	2.06%	0.390%
55	8.957	986	998	1003	rBV2	12144722	32067492	11.63%	2.202%
56	9.045	1009	1013	1020	rVB3	6299332	11622349	4.21%	0.798%
57	9.110	1021	1024	1028	rVB2	3285211	4854984	1.76%	0.333%
58	9.163	1028	1033	1035	rBV2	6405345	10340493	3.75%	0.710%
59	9.310	1054	1058	1066	rVB4	3924958	9330296	3.38%	0.641%
60	9.487	1083	1088	1092	rBV3	5299582	8399708	3.05%	0.577%
61	9.575	1098	1103	1107	rBV	6264214	9412742	3.41%	0.646%
62	9.687	1118	1122	1126	rBV	4595190	8067148	2.92%	0.554%
63	9.739	1127	1131	1133	rVV4	3962363	6013748	2.18%	0.413%
64	9.775	1134	1137	1141	rVB	4496643	5916226	2.14%	0.406%
65	9.834	1142	1147	1155	rBV6	8412181	21127083	7.66%	1.451%
66	10.292	1221	1225	1230	rVB2	2605525	4597764	1.67%	0.316%
67	10.369	1230	1238	1244	rVB6	1601527	4645947	1.68%	0.319%
68	10.657	1275	1287	1291	rBV3	2555818	7204095	2.61%	0.495%
69	10.798	1308	1311	1317	rVB2	1891366	3056673	1.11%	0.210%
70	11.063	1351	1356	1364	rVB3	2767281	5099376	1.85%	0.350%
71	11.269	1386	1391	1395	rVV	1721022	2881263	1.04%	0.198%

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72	11.675	1454	1460	1468	rVV2	2090127	4568832	1.66%	0.314%
73	12.092	1518	1531	1537	rVV4	27306286	73886347	26.79%	5.074%
74	13.333	1736	1742	1750	rVB	3725438	6189802	2.24%	0.425%
75	13.910	1835	1840	1846	rVV	4801583	7641112	2.77%	0.525%
76	13.986	1846	1853	1857	rVV	9879700	14502395	5.26%	0.996%
77	14.033	1857	1861	1872	rVB	5890609	8149126	2.95%	0.560%
78	14.192	1882	1888	1897	rVB	5370277	8079561	2.93%	0.555%
79	14.486	1904	1938	1947	rBV3	15440238	87847708	31.85%	6.033%
80	15.033	2023	2031	2041	rBV	4933039	8343252	3.02%	0.573%
81	15.492	2104	2109	2116	rVB	6808526	9905861	3.59%	0.680%
82	15.616	2125	2130	2137	rVB	2451375	3398943	1.23%	0.233%
83	15.727	2143	2149	2159	rBV2	4121682	8026129	2.91%	0.551%
84	16.251	2210	2238	2242	rBV2	52313139	275818565	100.00%	18.942%
85	17.245	2401	2407	2413	rBV	3833516	5673315	2.06%	0.390%
86	17.345	2415	2424	2432	rVB2	7604704	14455212	5.24%	0.993%
87	17.804	2492	2502	2506	rBV	9738155	19178569	6.95%	1.317%
88	18.709	2651	2656	2665	rVB	5823629	7846764	2.84%	0.539%
89	18.851	2675	2680	2688	rVB	6244673	8005471	2.90%	0.550%
90	19.286	2739	2754	2757	rBV	1968261	6534265	2.37%	0.449%
91	19.345	2760	2764	2769	rVV2	4850884	8358976	3.03%	0.574%
92	19.398	2770	2773	2786	rVB2	1803375	3869630	1.40%	0.266%
93	19.633	2808	2813	2818	rBV	10263882	13923635	5.05%	0.956%
94	20.662	2975	2988	2991	rBV	4710148	13078000	4.74%	0.898%
95	20.709	2993	2996	3001	rVB	2747808	5432040	1.97%	0.373%
96	21.415	3111	3116	3126	rBV	5068488	6356144	2.30%	0.437%
97	21.821	3173	3185	3186	rBV2	4242024	10196792	3.70%	0.700%
98	21.856	3187	3191	3195	rVV	3077181	6587198	2.39%	0.452%
99	23.592	3478	3486	3500	rVB2	6172618	12555533	4.55%	0.862%
100	23.739	3504	3511	3521	rVB	2674739	5418782	1.96%	0.372%

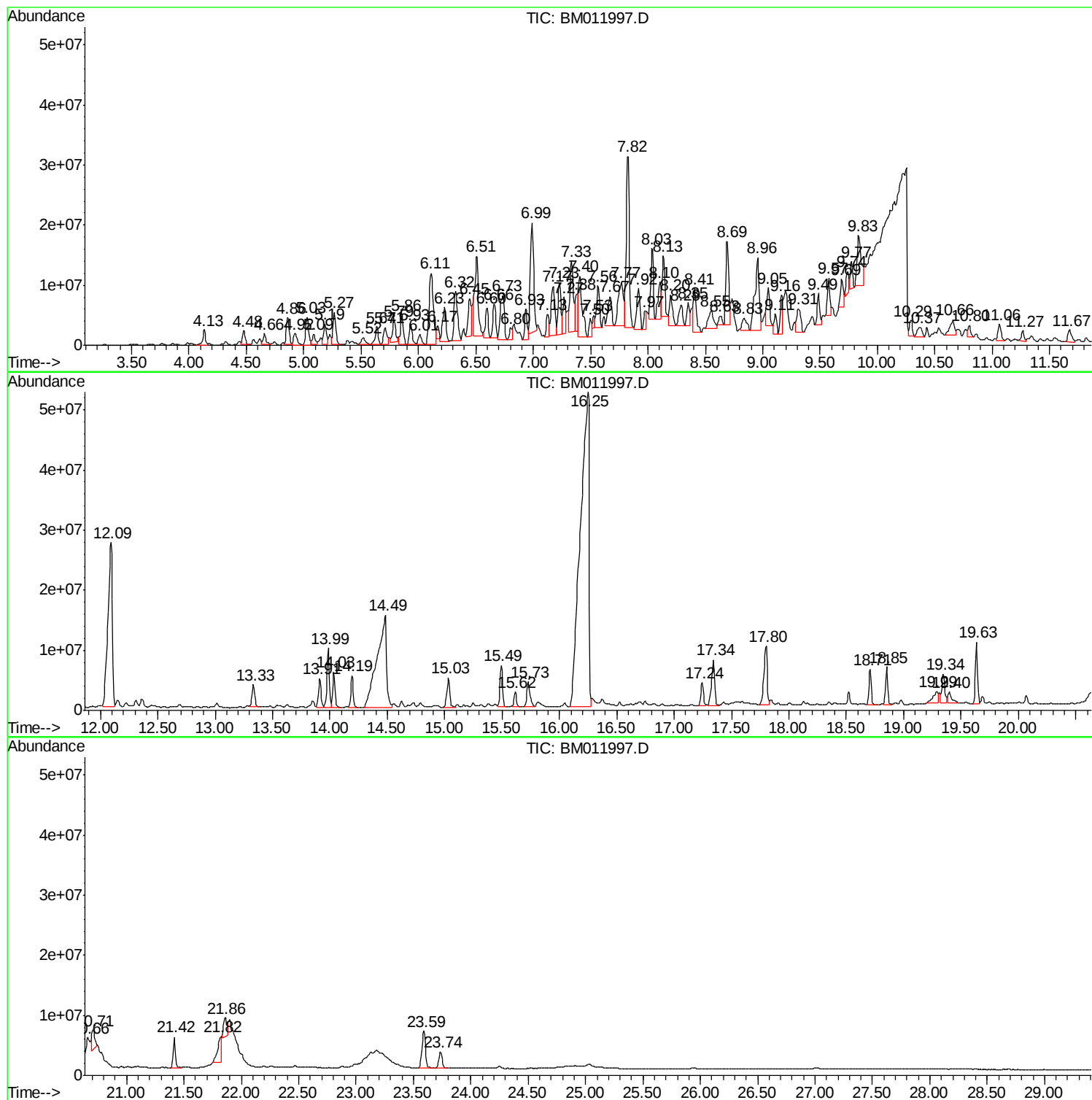
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



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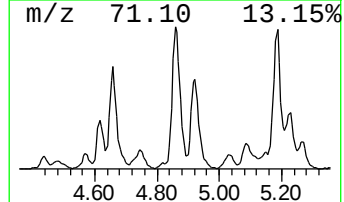
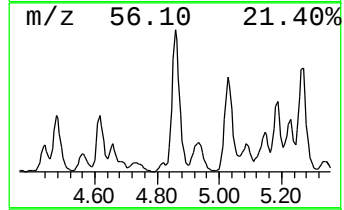
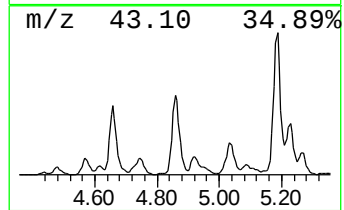
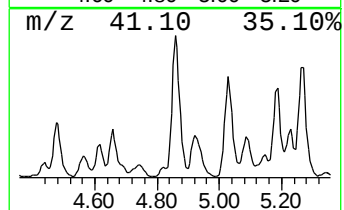
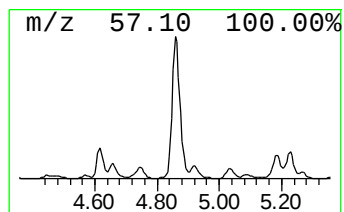
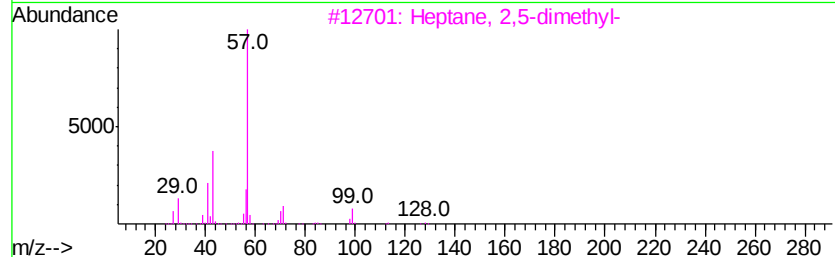
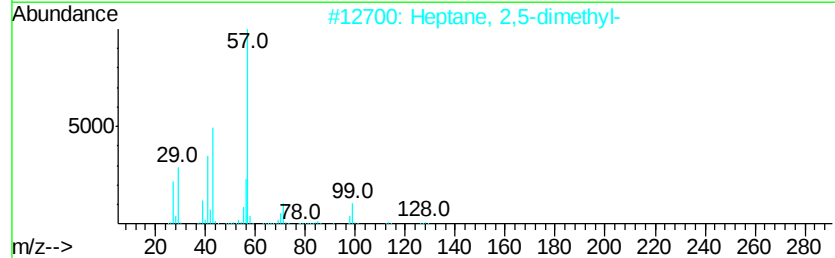
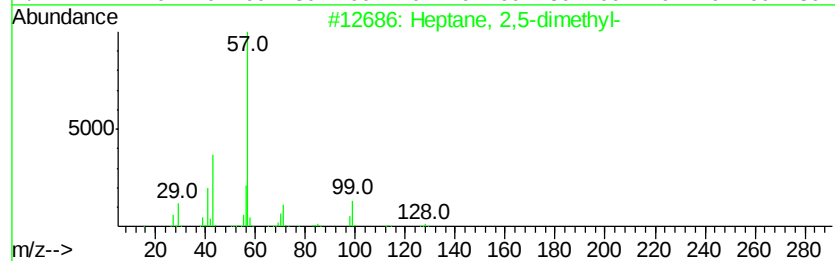
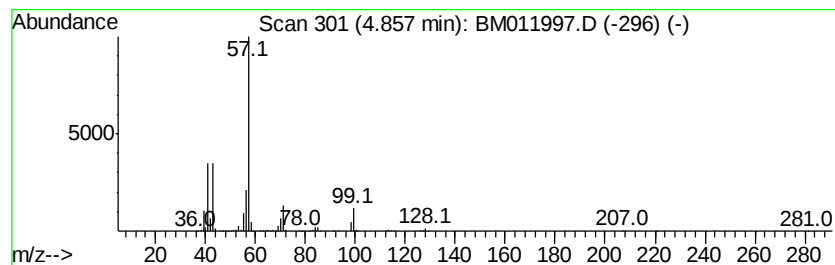
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	3.13 ng/ul	7963060	1,4-Dichlorobenzene-d4	7.86

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	90



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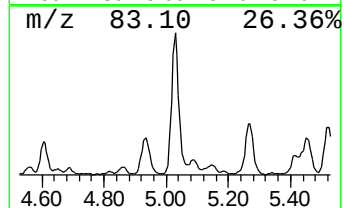
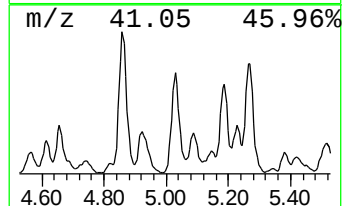
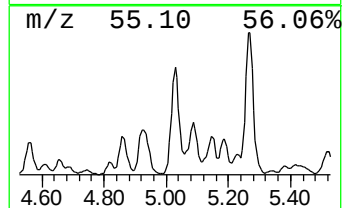
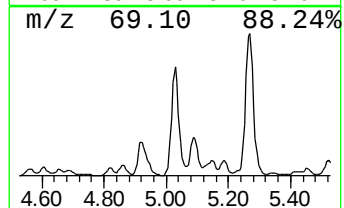
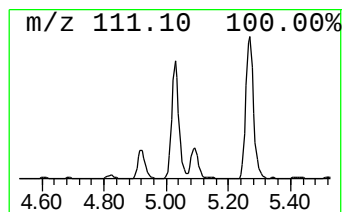
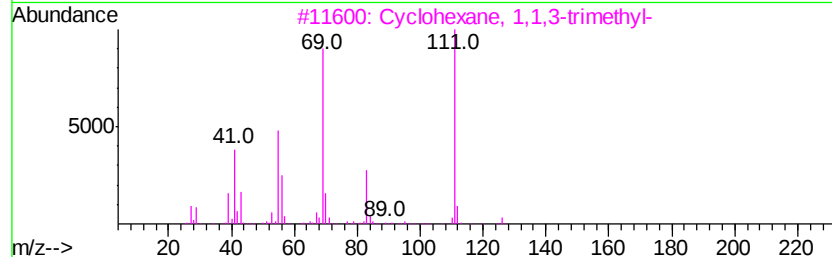
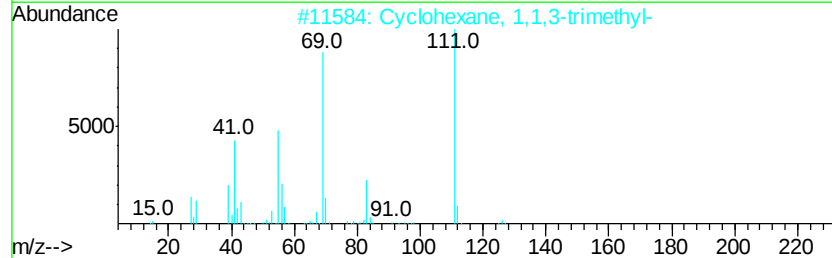
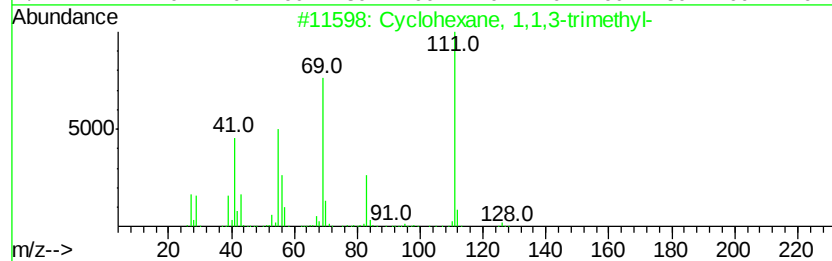
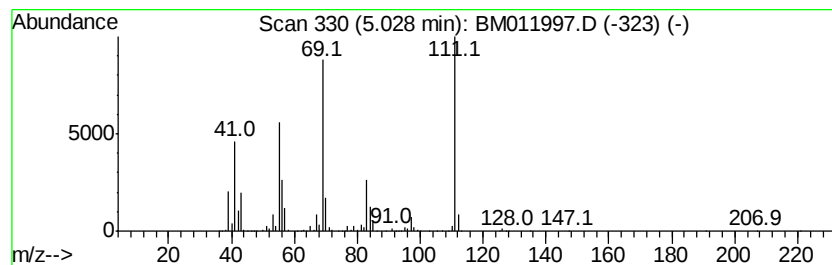
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic5.03 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	3.31 ng/ul	8416440	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
5			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	72



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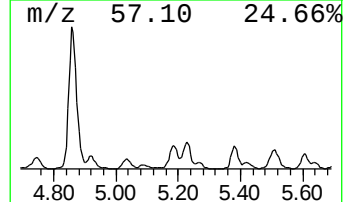
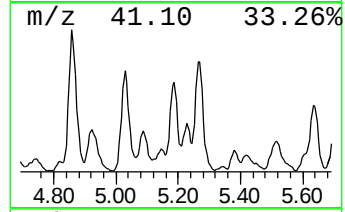
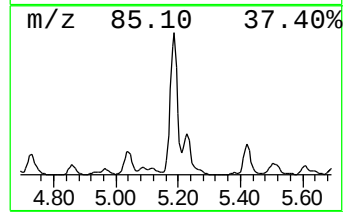
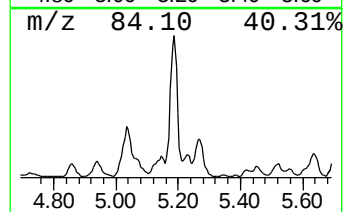
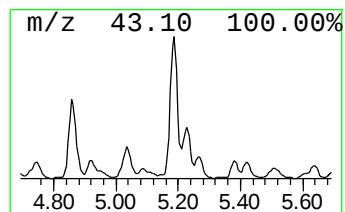
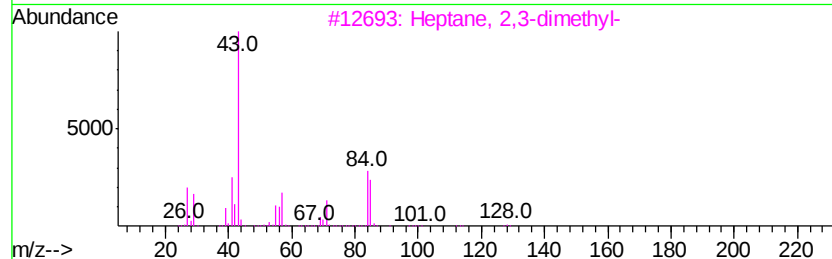
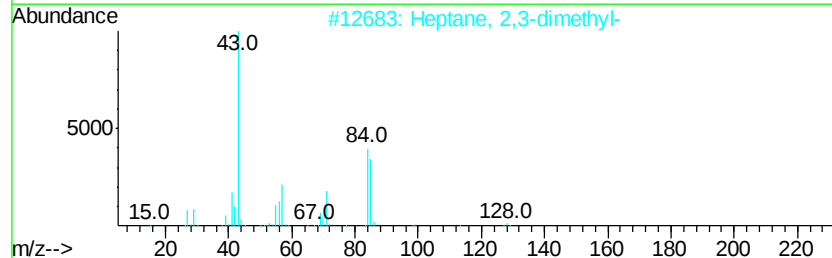
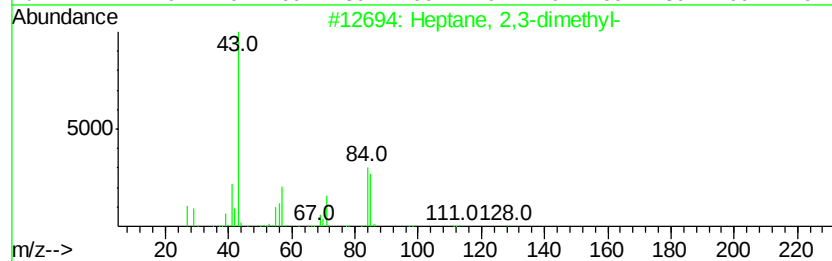
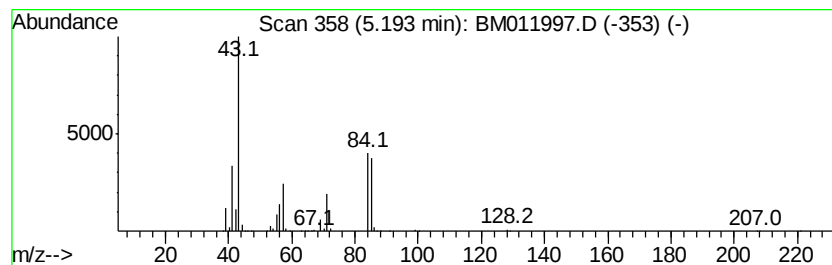
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.32 ng/ul	5890370	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	90
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	90
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	76



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Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
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ClientSampleId :
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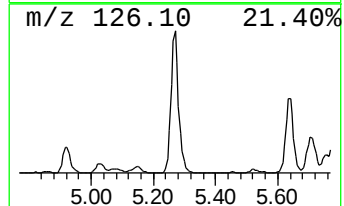
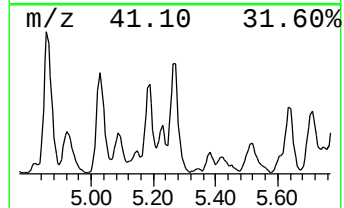
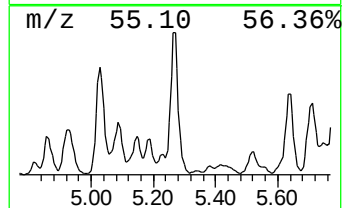
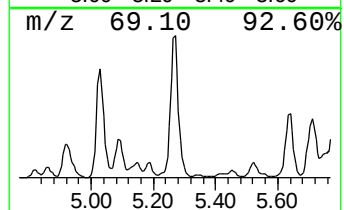
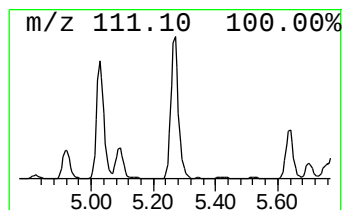
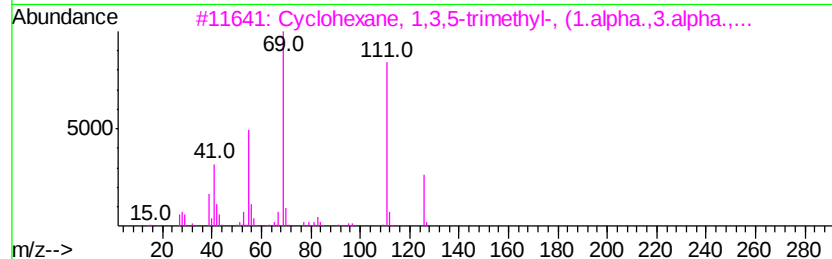
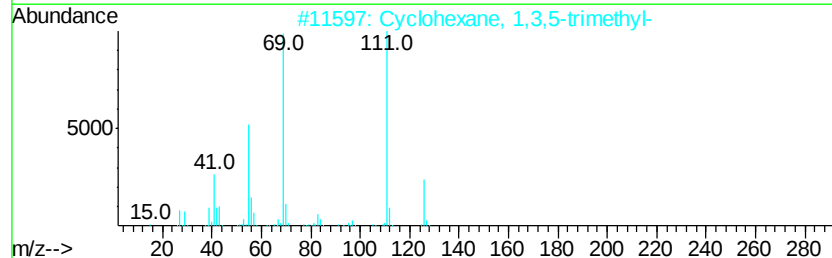
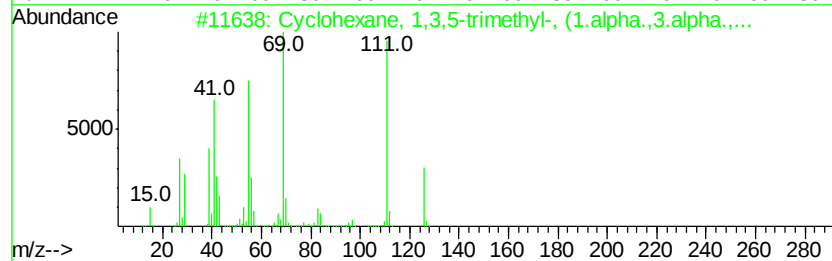
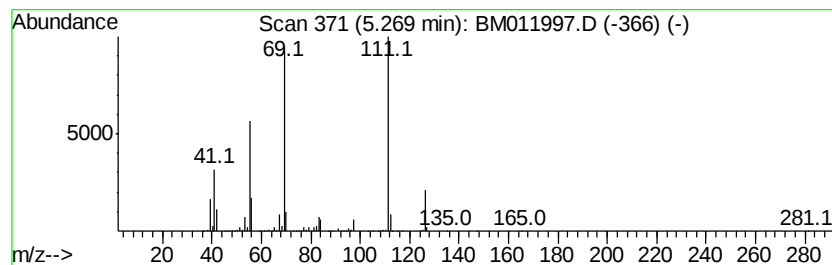
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic5.27 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	3.75 ng/ul	9526580	1,4-Dichlorobenzene-d4	7.86

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
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Acq On : 09 Oct 2017 03:27
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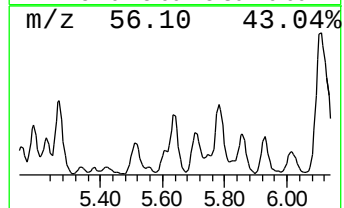
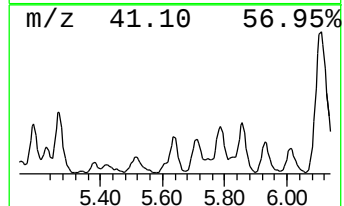
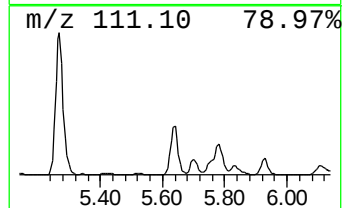
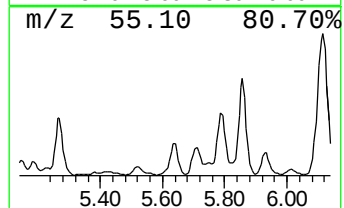
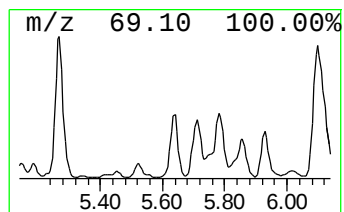
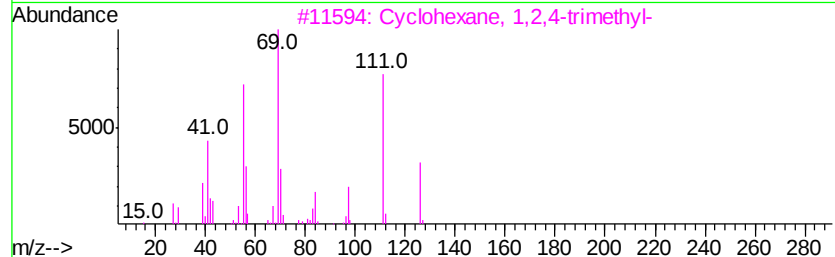
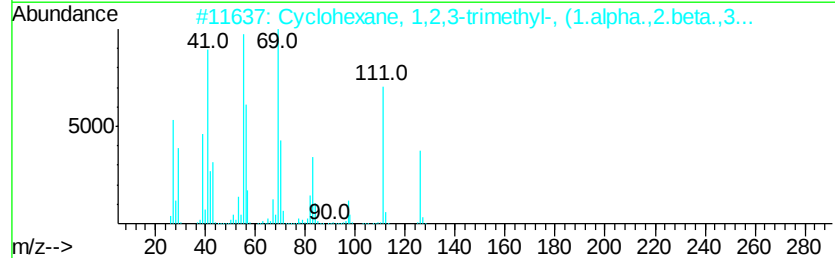
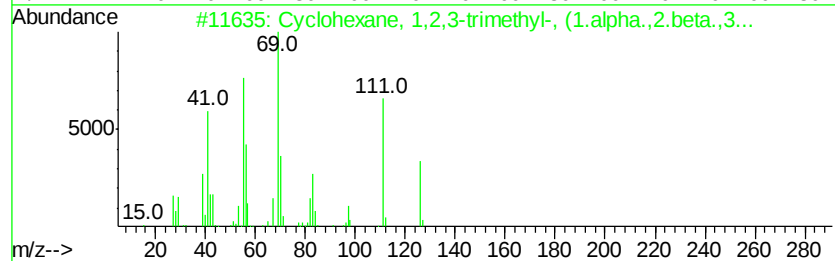
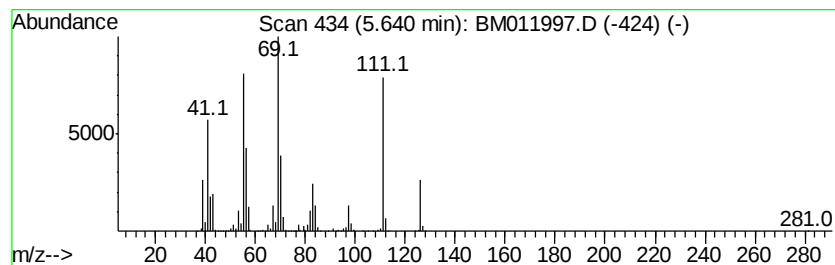
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic5.64 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	2.37 ng/ul	6023740	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	90
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	002234-75-5	87
4		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76
5		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
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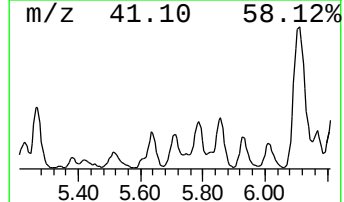
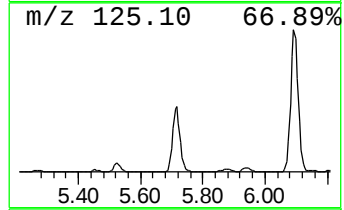
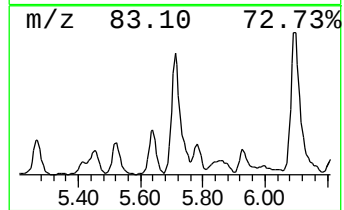
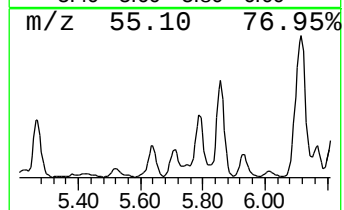
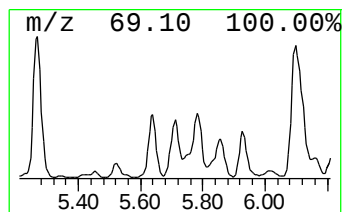
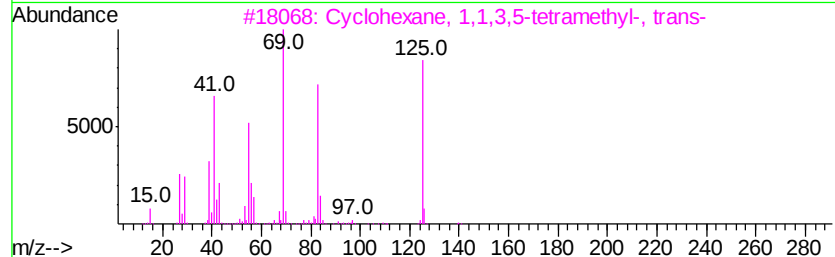
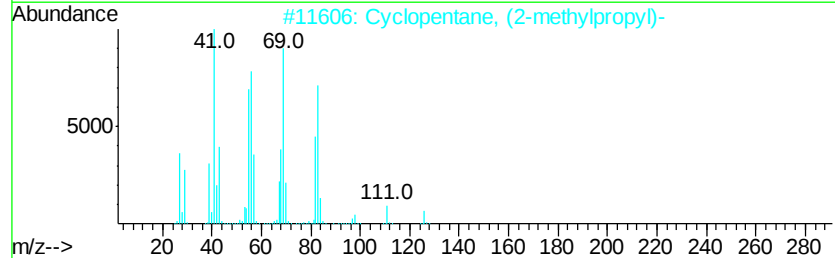
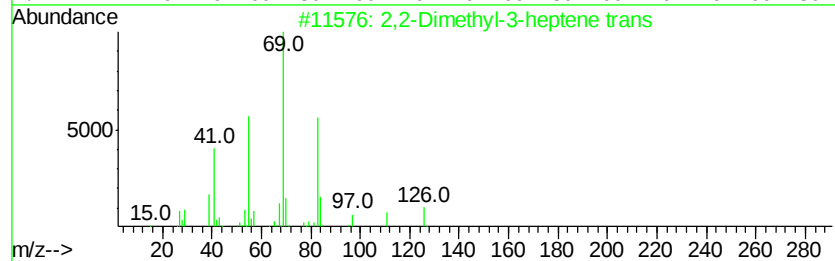
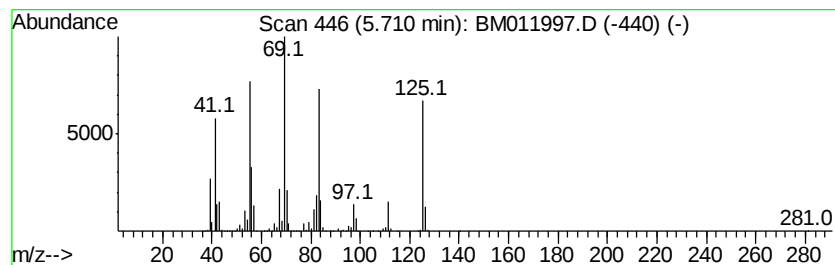
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic5.71 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	2.29 ng/ul	5823390	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	94
2			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	62
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	58
4			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	38
5			trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
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Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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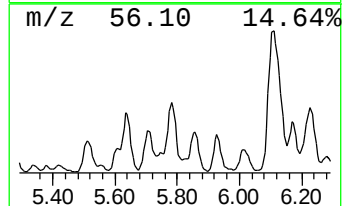
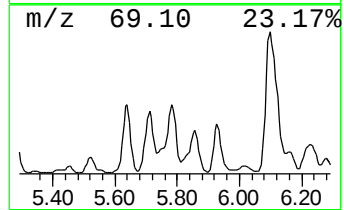
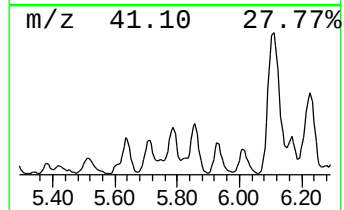
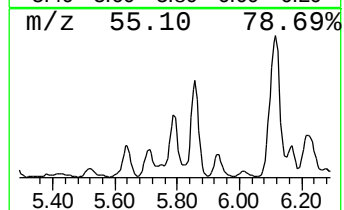
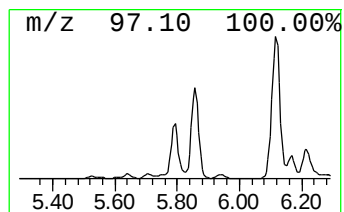
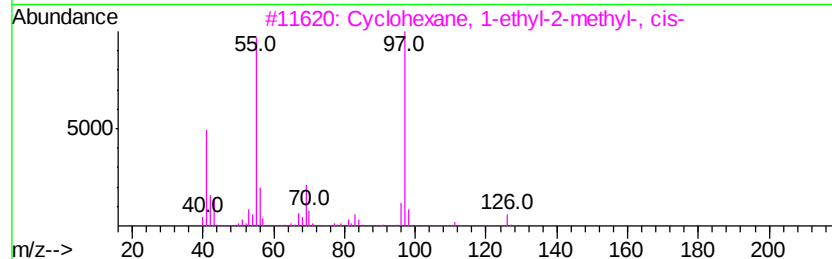
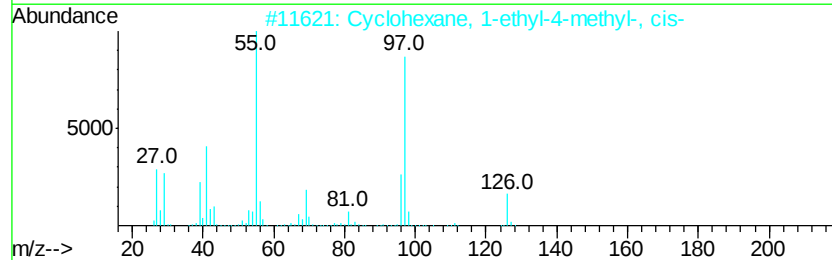
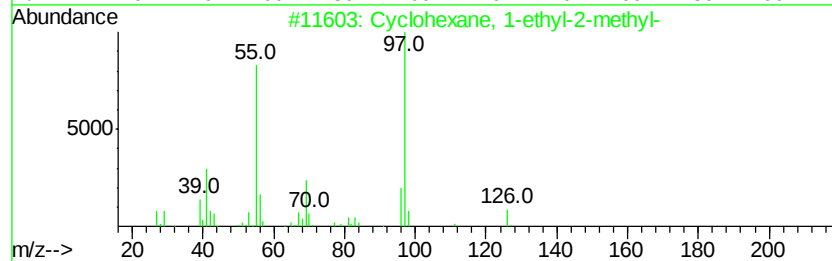
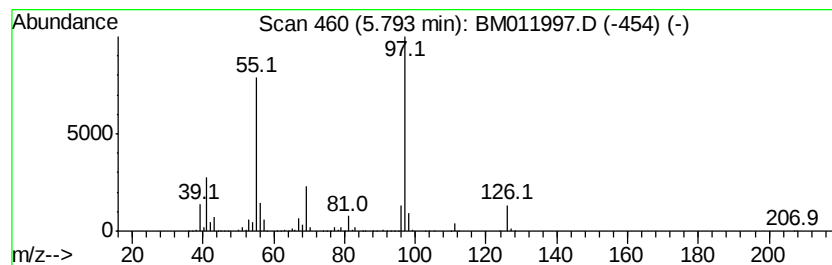
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic5.79 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	2.64 ng/ul	6702960	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
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Instrument :
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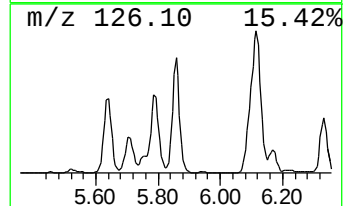
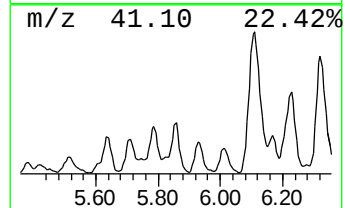
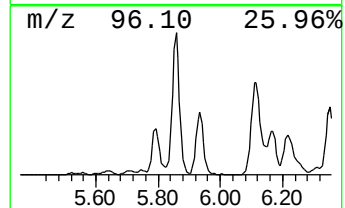
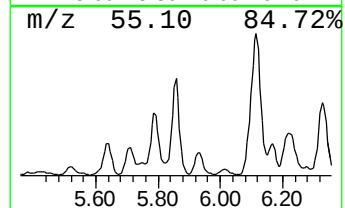
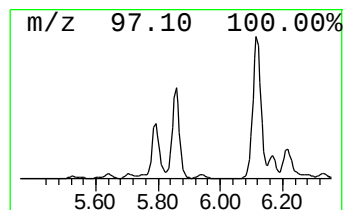
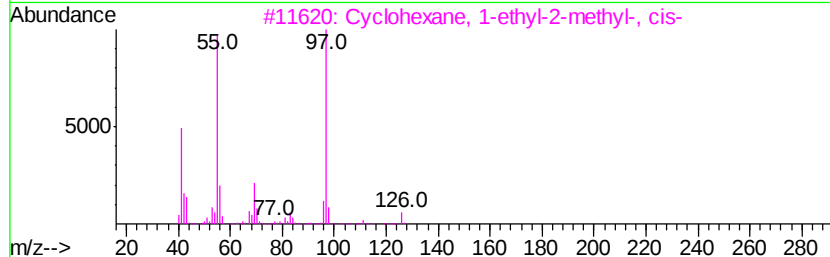
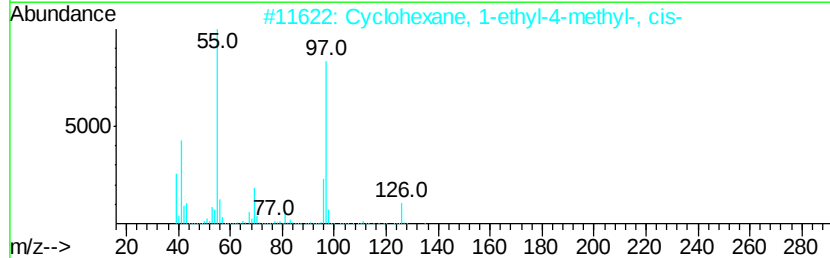
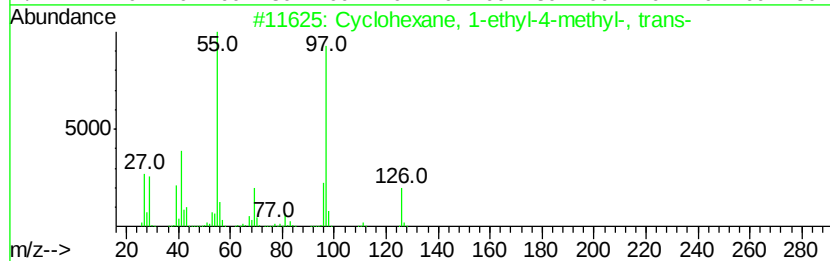
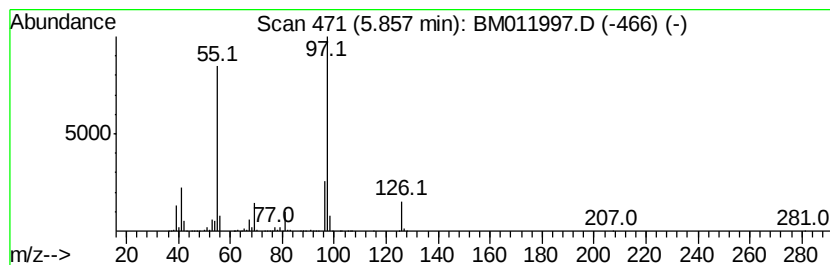
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic5.86 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	3.37 ng/ul	8570050	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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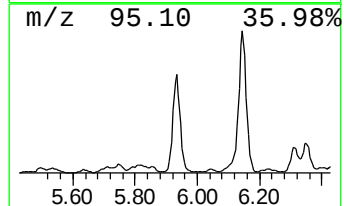
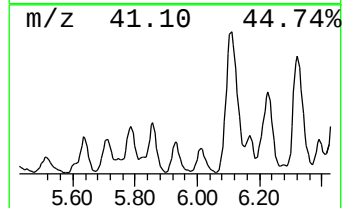
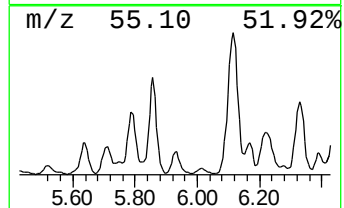
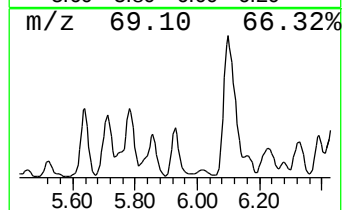
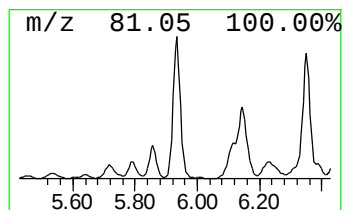
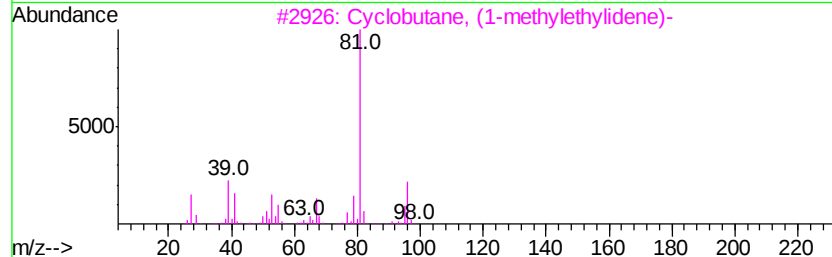
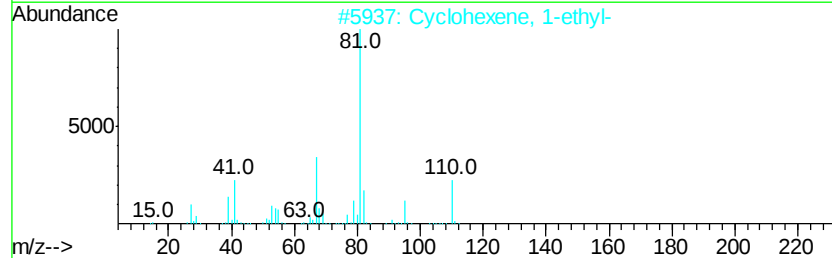
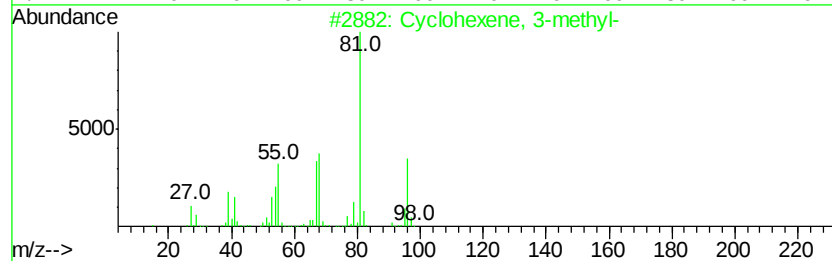
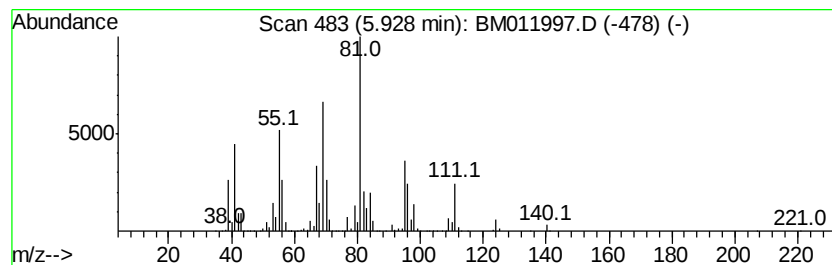
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.41 ng/ul	6118620	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
2			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
3			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38
4			4-Ethylcyclohexene	110	C8H14	003742-42-5	38
5			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
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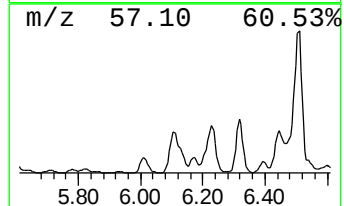
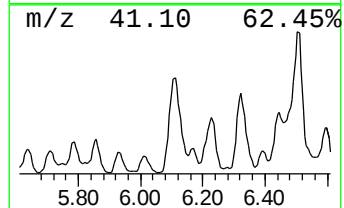
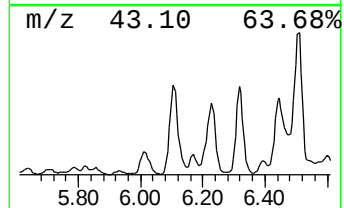
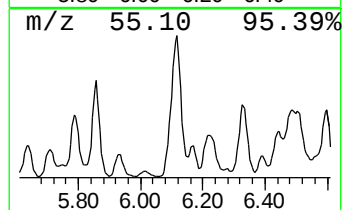
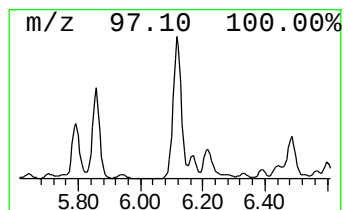
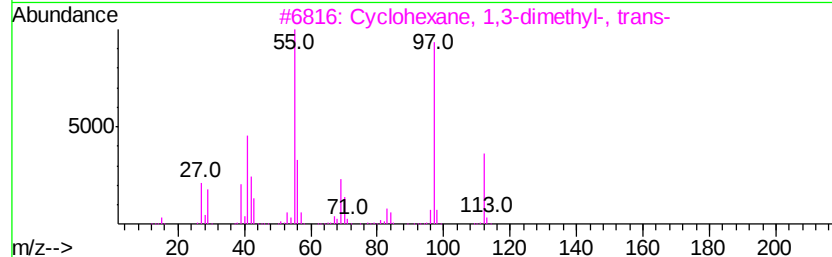
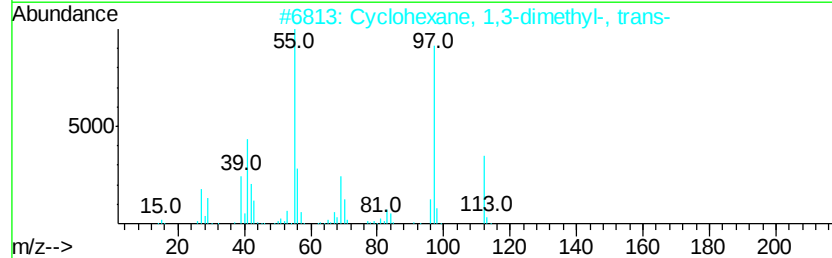
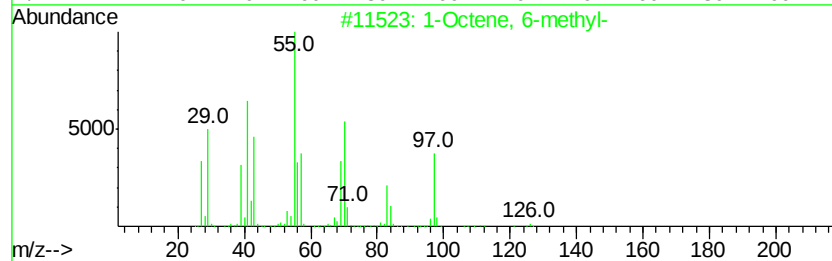
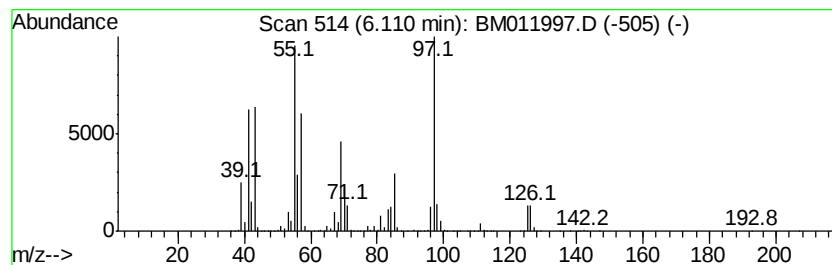
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic6.11 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	12.15 ng/ul	30870000	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octene, 6-methyl-	126	C9H18	013151-10-5	68
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-39

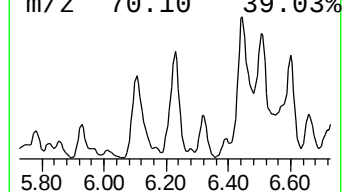
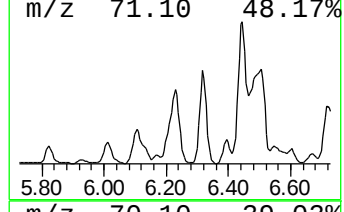
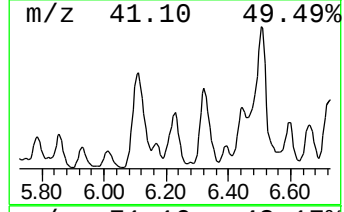
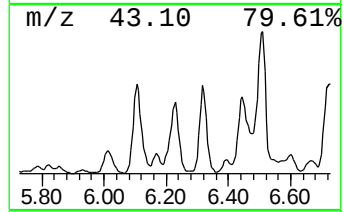
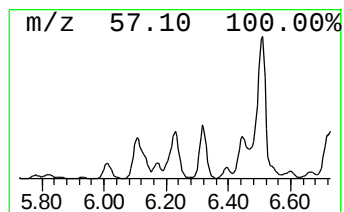
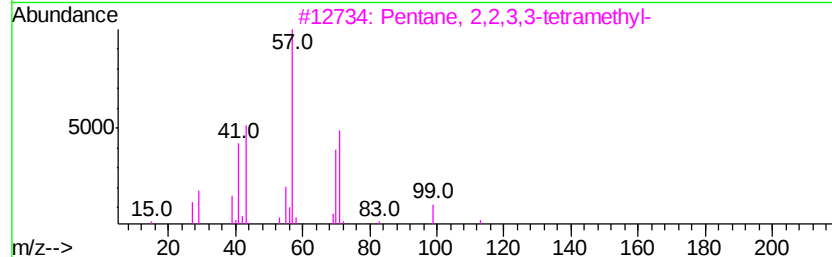
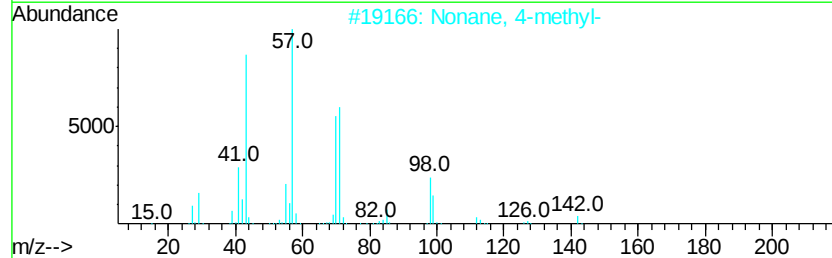
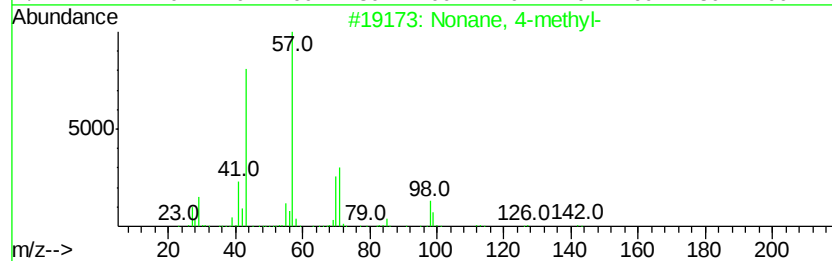
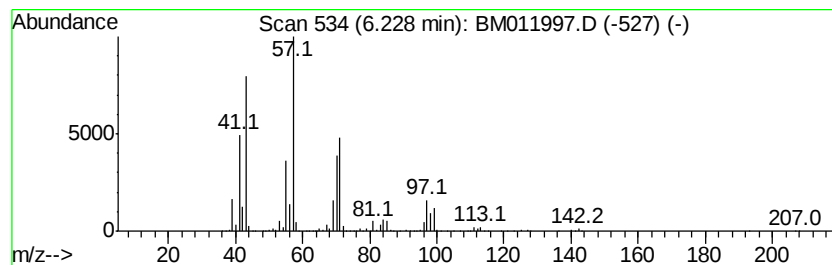
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	4.78 ng/ul	12140100	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	59
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		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
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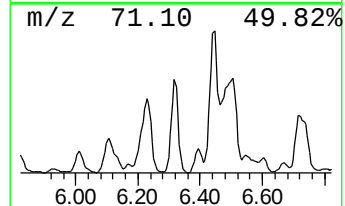
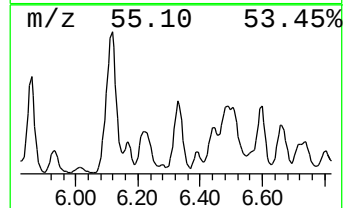
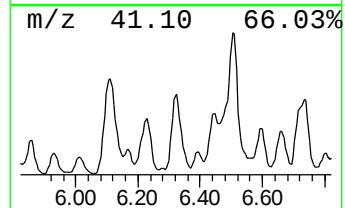
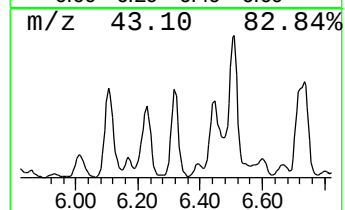
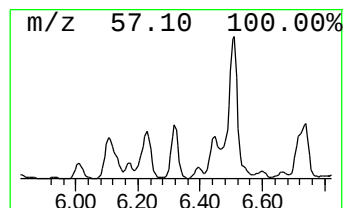
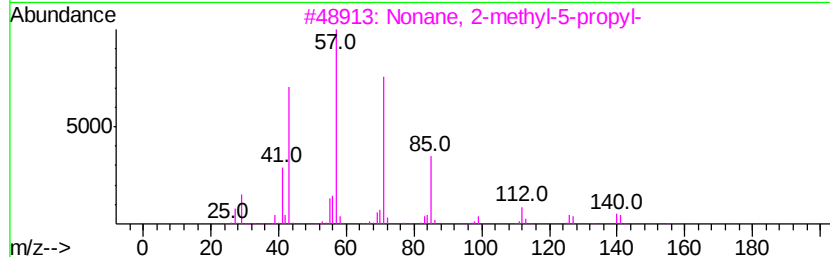
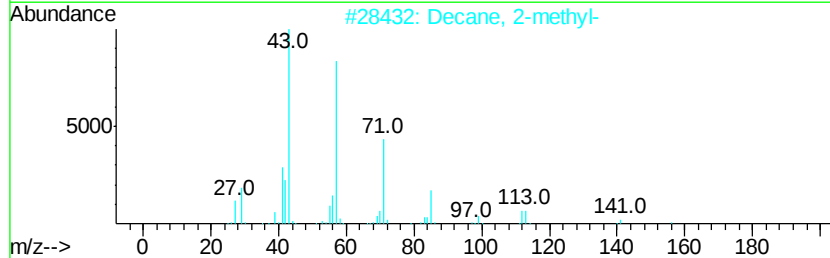
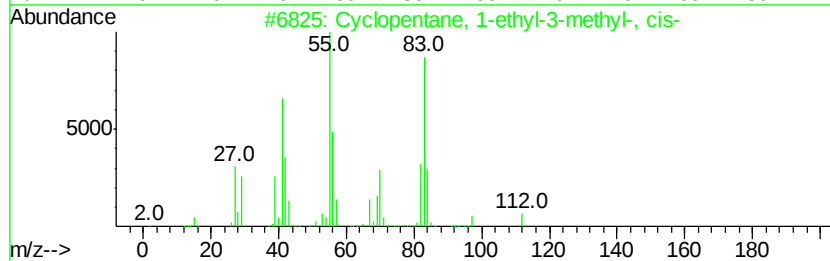
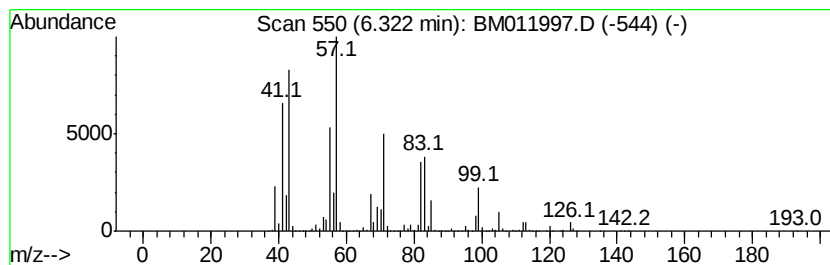
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic6.32 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	7.08 ng/ul	18005200	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	38
2			Decane, 2-methyl-	156	C11H24	006975-98-0	35
3			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	35
4			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	35
5			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
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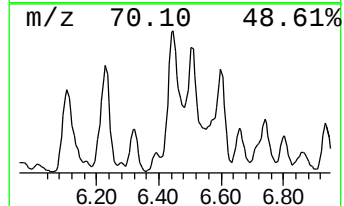
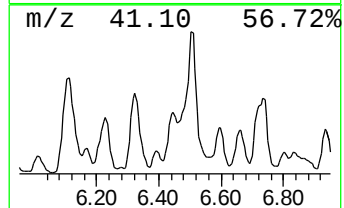
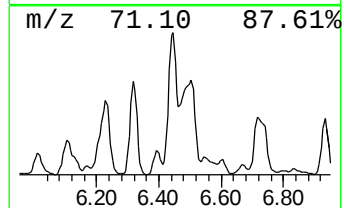
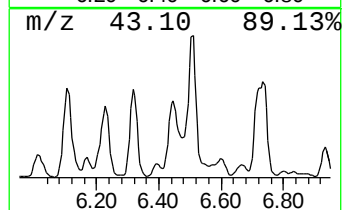
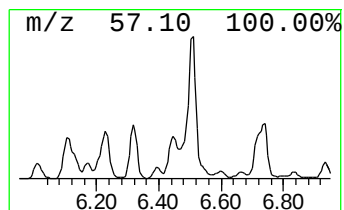
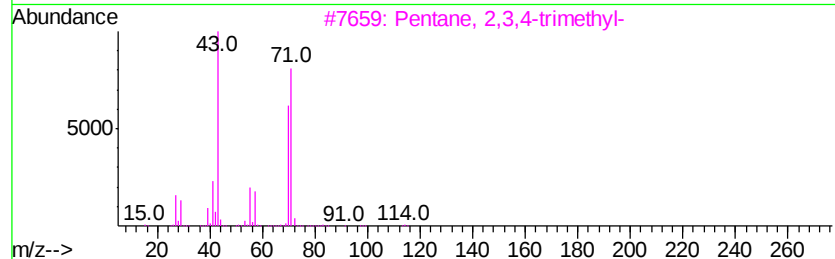
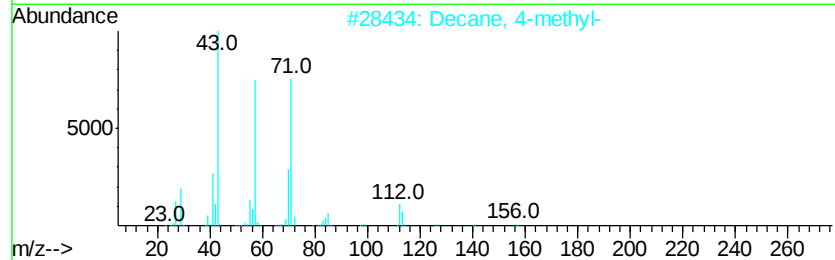
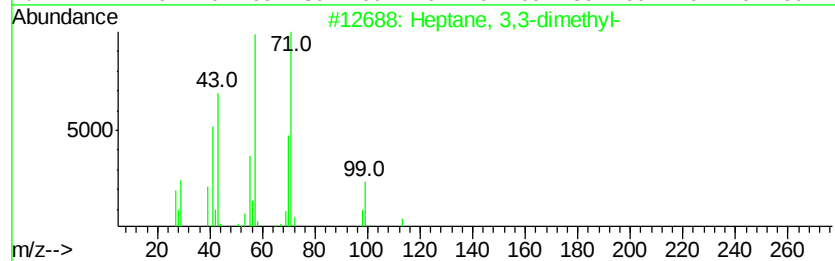
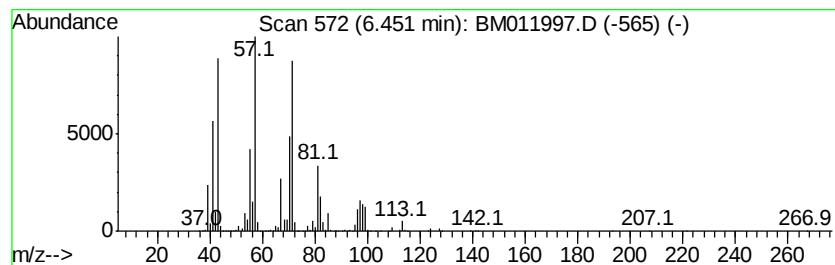
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	5.12 ng/ul	13006300	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	59
2			Decane, 4-methyl-	156	C11H24	002847-72-5	59
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	52
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	50
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	47



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
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Misc :
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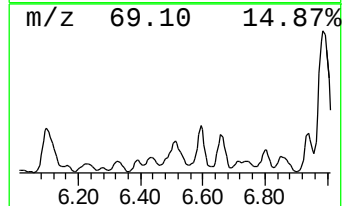
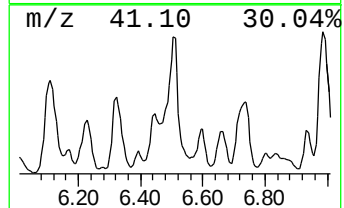
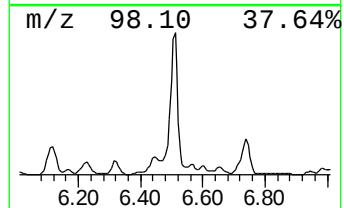
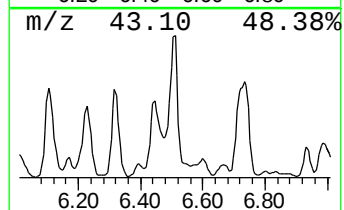
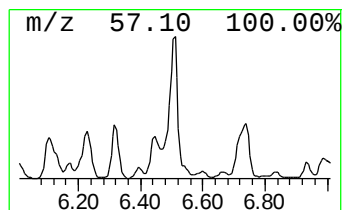
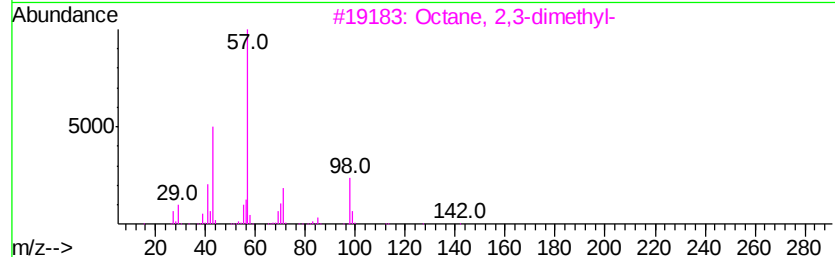
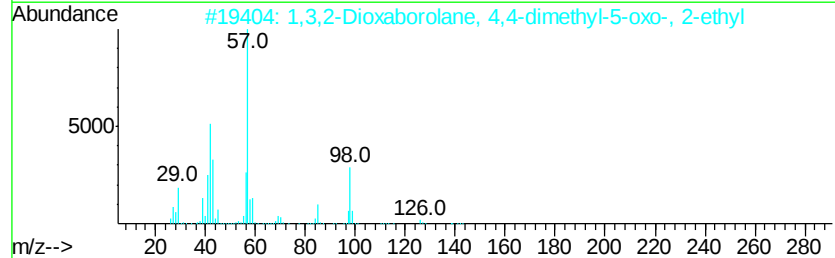
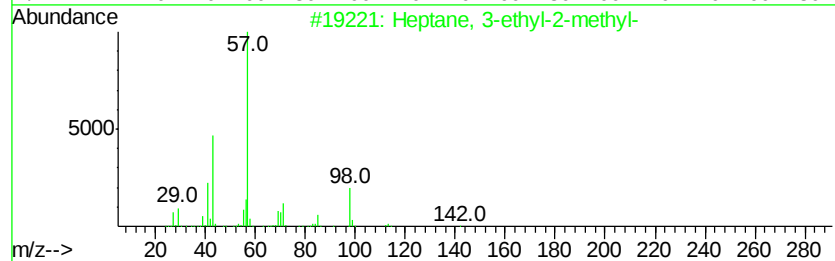
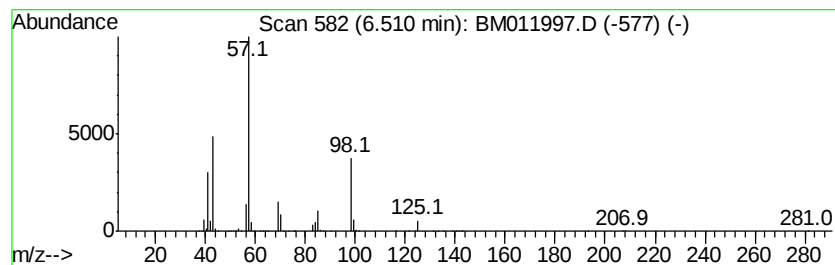
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	10.70 ng/ul	27205100	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2		1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11B03	1000063-89-2	50
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
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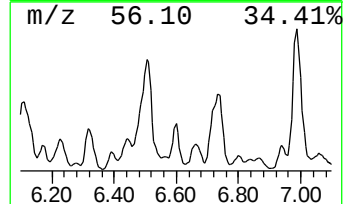
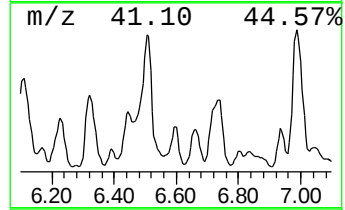
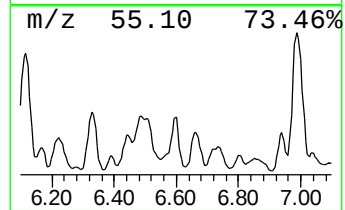
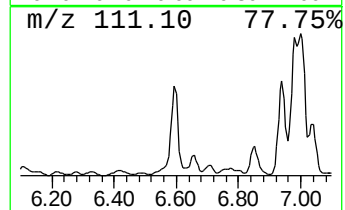
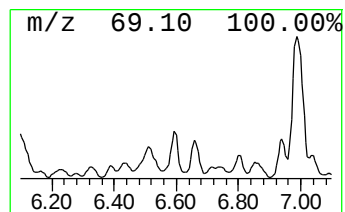
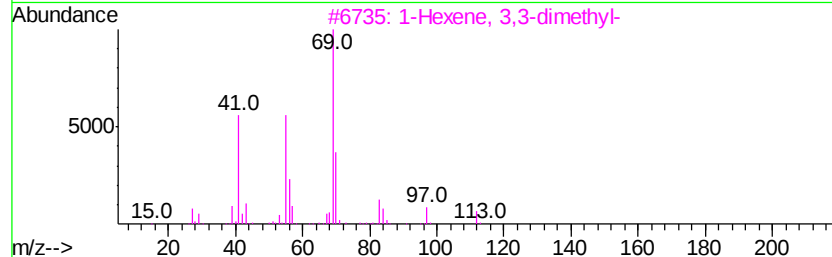
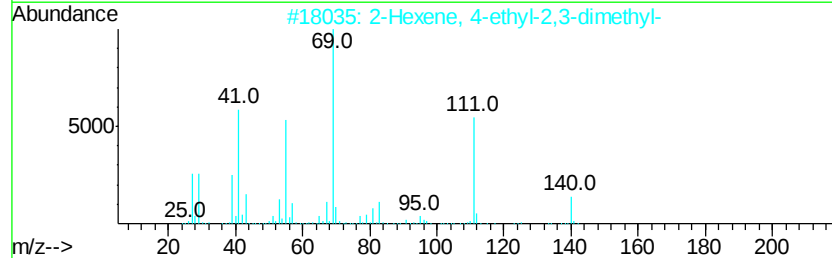
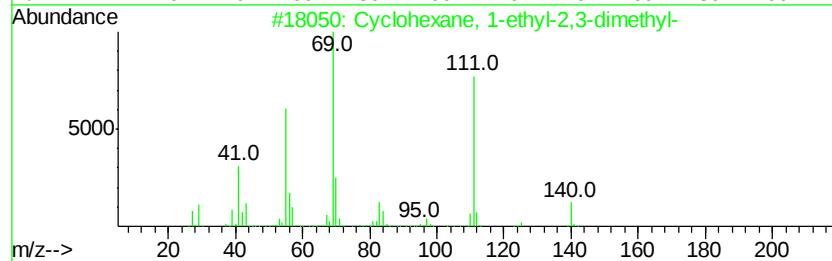
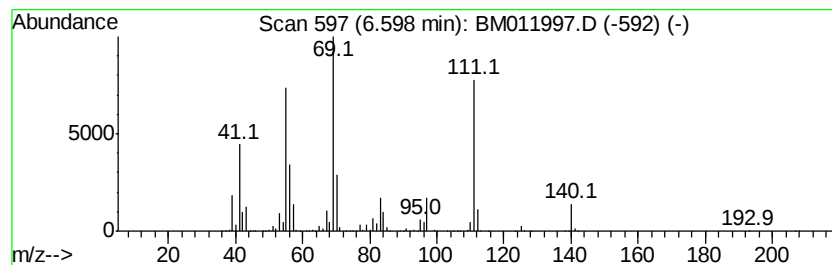
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic6.60 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	3.17 ng/ul	8046120	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	90
2		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	58
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	55
4		5-Decene, (E)-	140	C10H20	007433-56-9	51
5		3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
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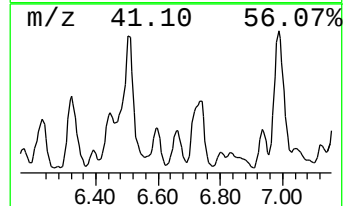
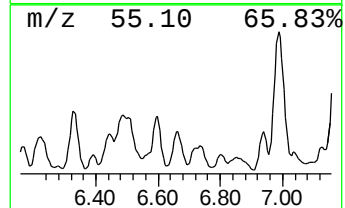
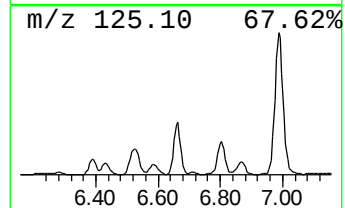
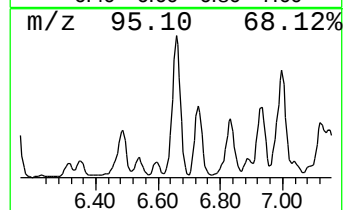
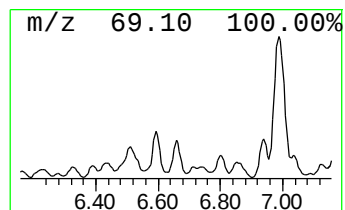
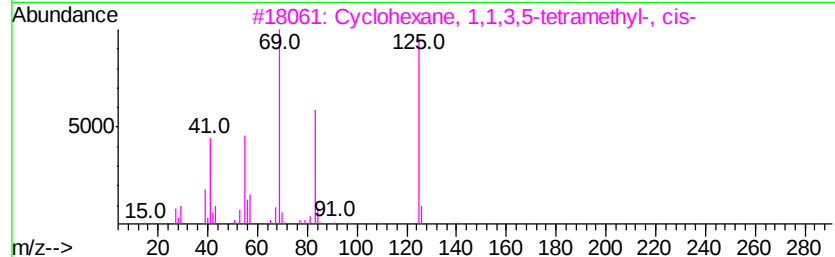
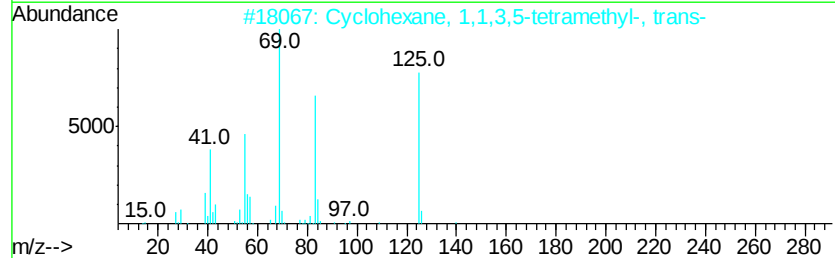
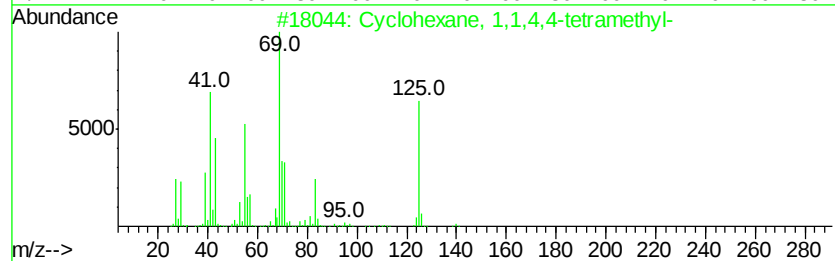
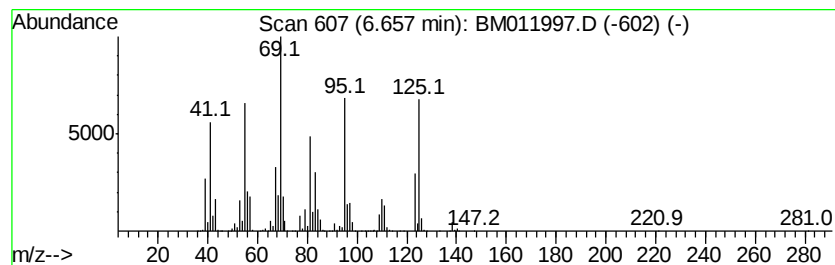
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic6.66 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	3.96 ng/ul	10054300	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	55
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	49
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
4			2,5(1H,3H)-Pentalenedione, tetra...	138	C8H10O2	051716-63-3	38
5			Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
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TWP-B-39

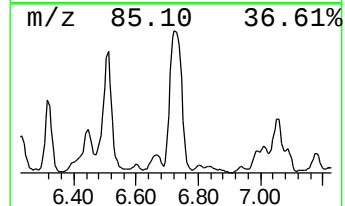
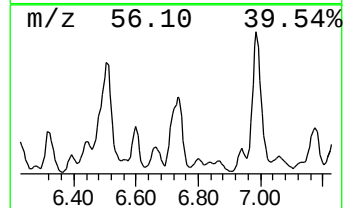
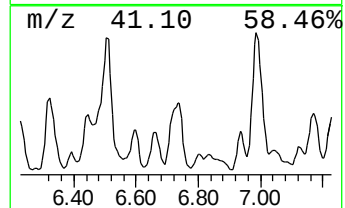
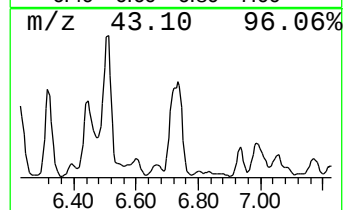
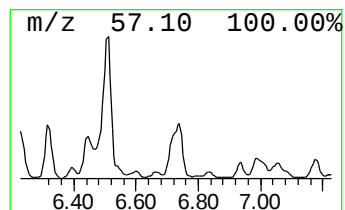
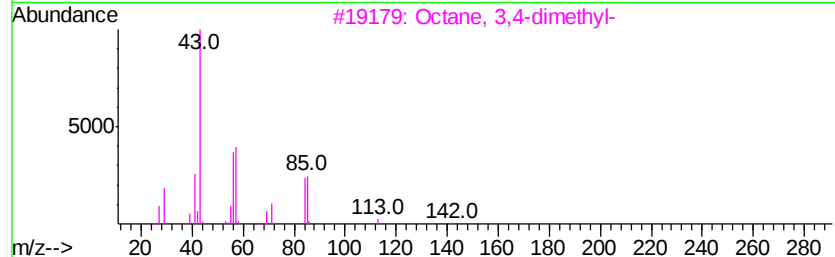
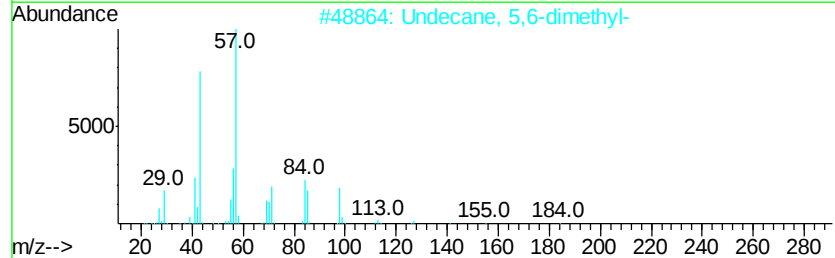
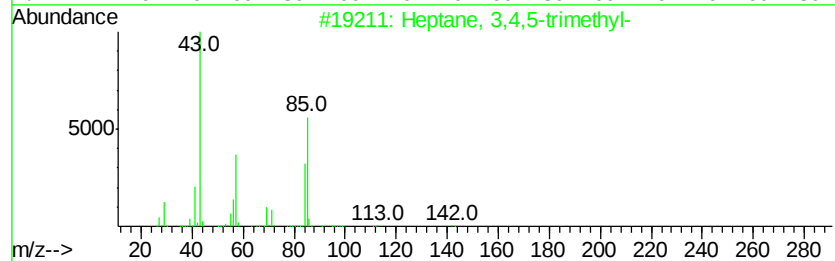
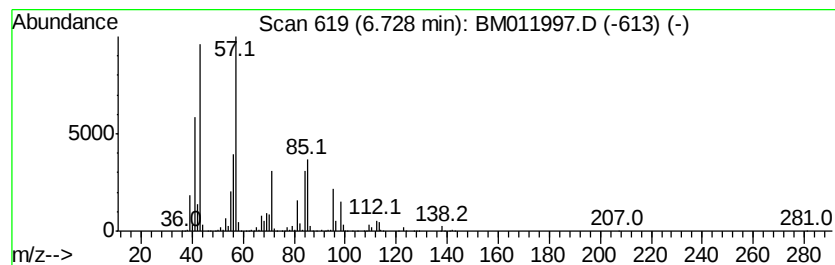
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	7.30 ng/ul	18544700	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	58
2			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	52
3			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	49
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
5			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-39

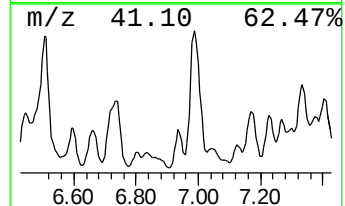
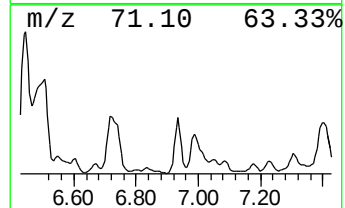
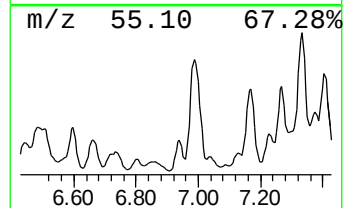
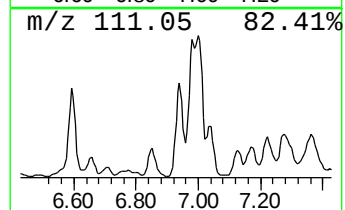
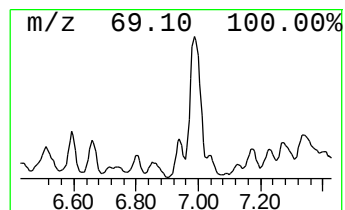
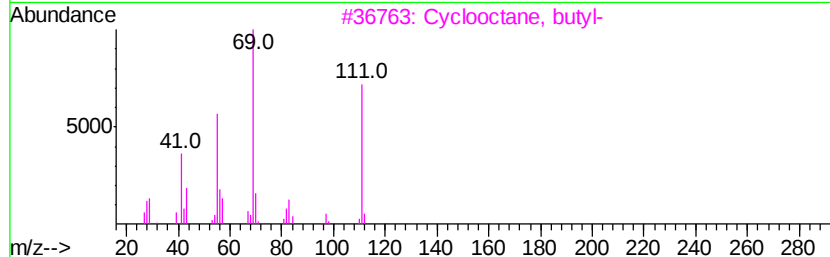
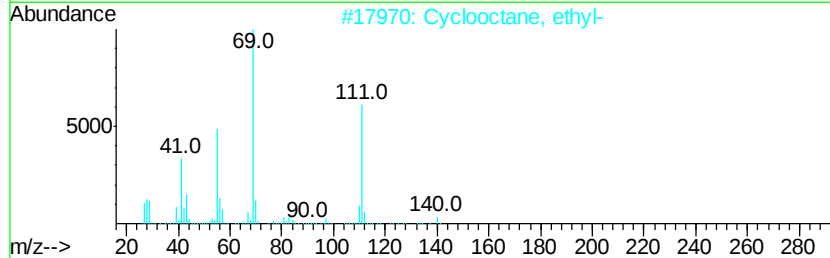
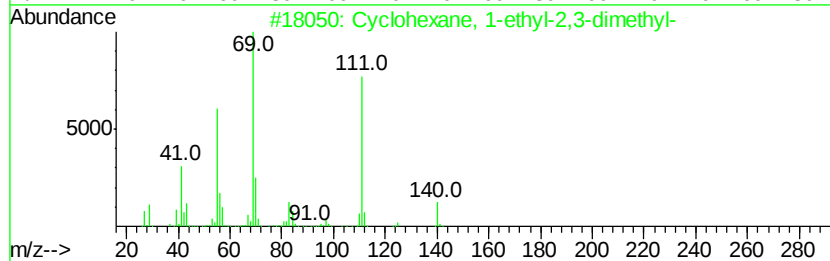
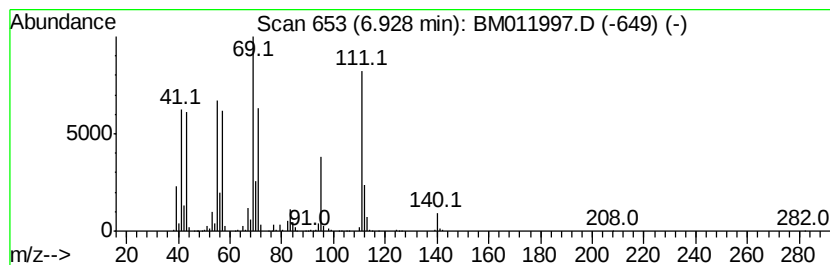
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic6.93 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	3.33 ng/ul	8458500	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	58
2		Cyclooctane, ethyl-	140	C10H20	013152-02-8	53
3		Cyclooctane, butyl-	168	C12H24	016538-93-5	50
4		Cyclooctane, ethyl-	140	C10H20	013152-02-8	50
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-39

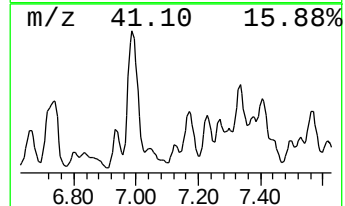
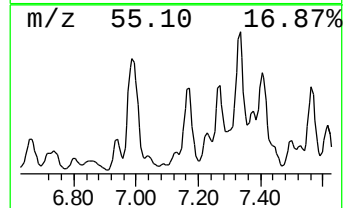
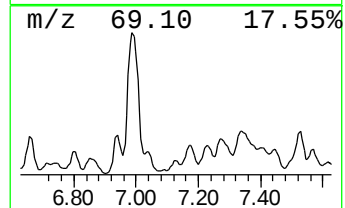
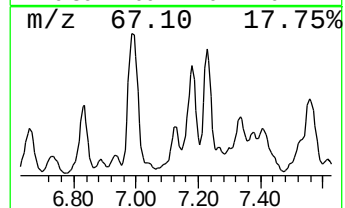
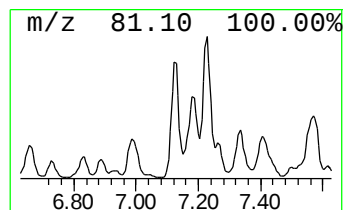
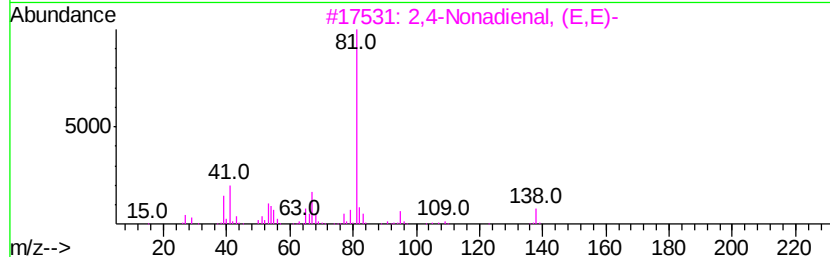
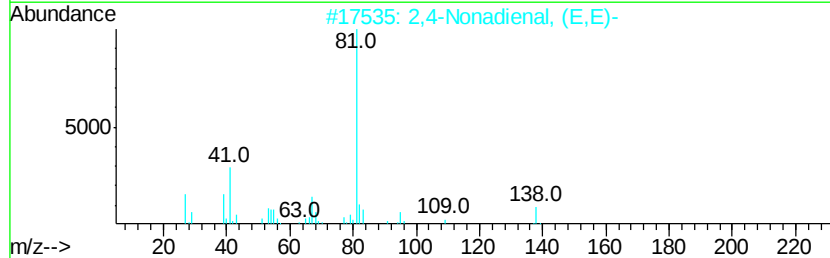
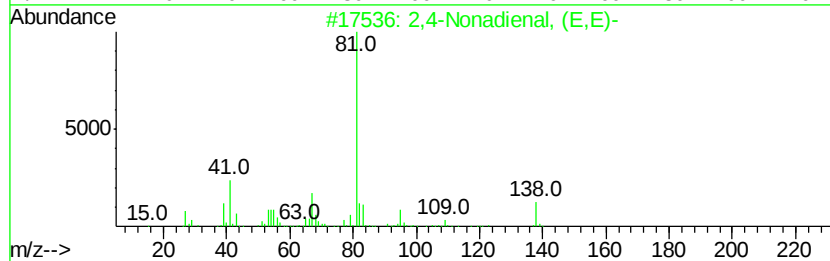
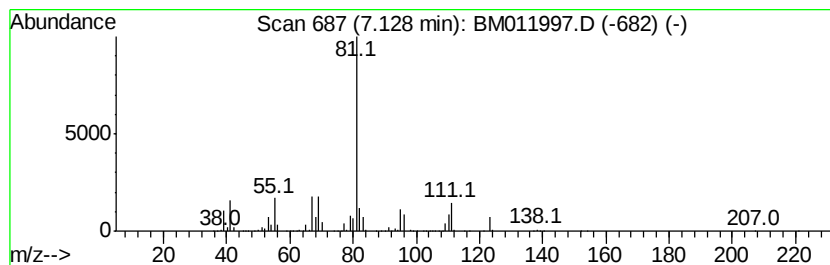
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2,4-Nonadienal, (E,E)- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.32 ng/ul	5892530	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	59
2			2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	53
3			2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	53
4			2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	50
5			2,4-Dodecadienal	180	C12H20O	013162-47-5	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-39

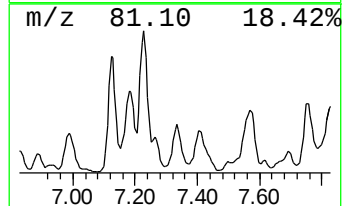
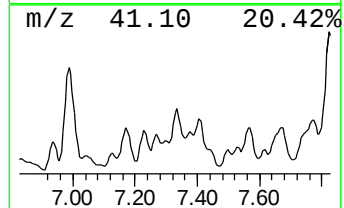
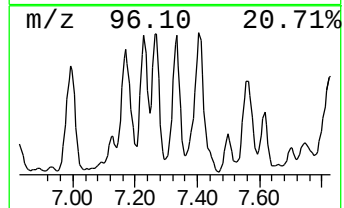
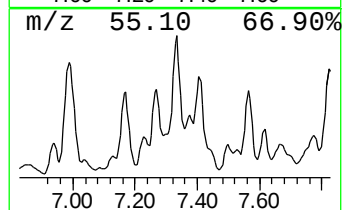
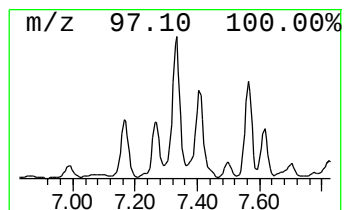
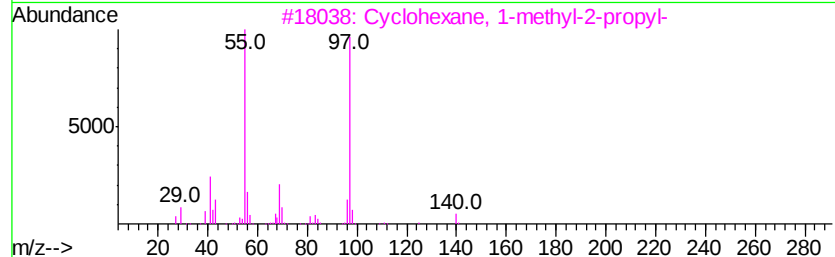
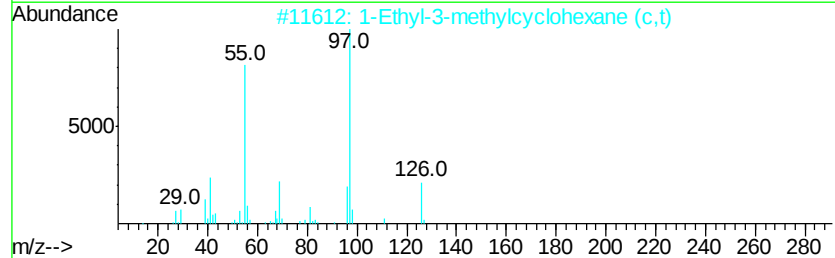
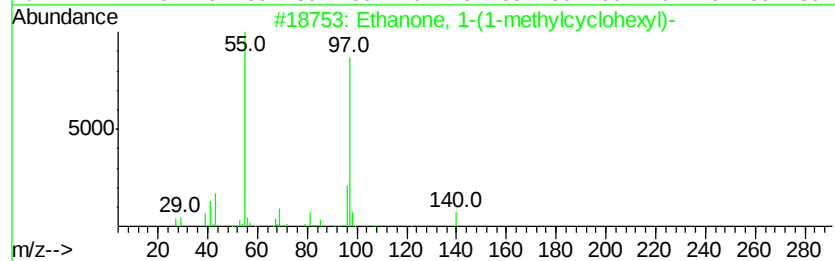
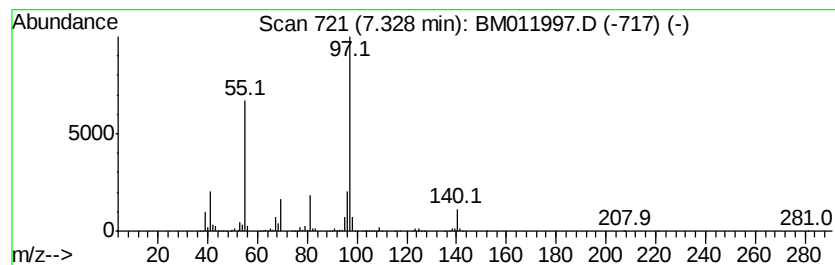
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	10.07 ng/ul	25586400	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	59
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
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Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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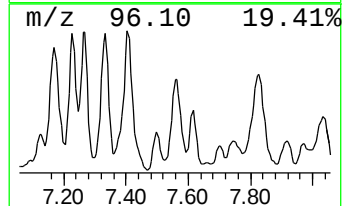
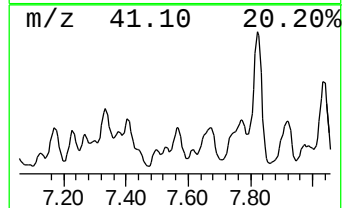
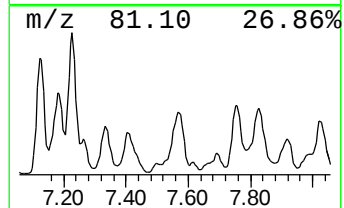
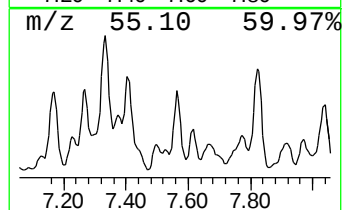
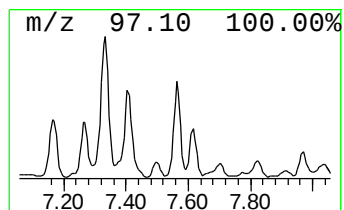
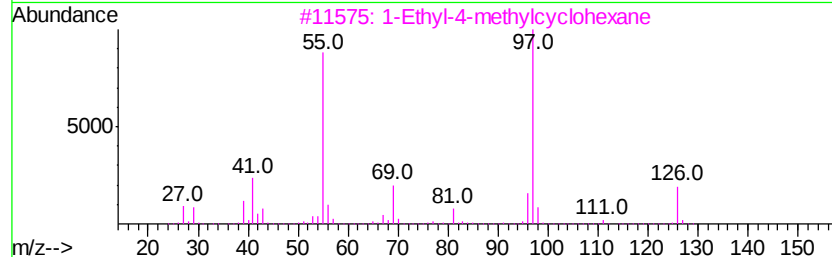
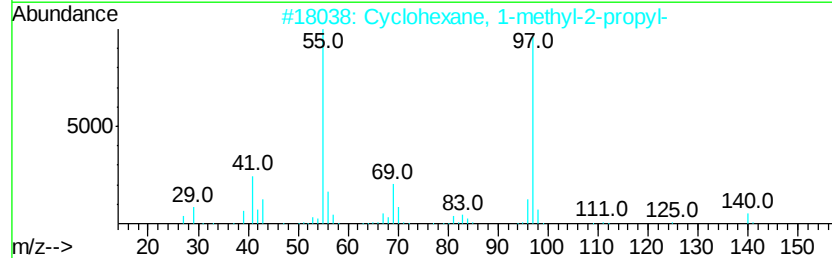
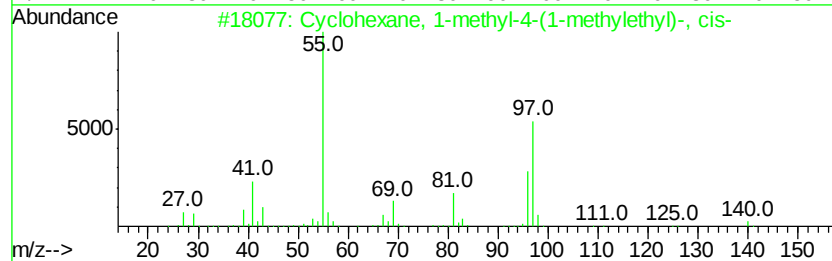
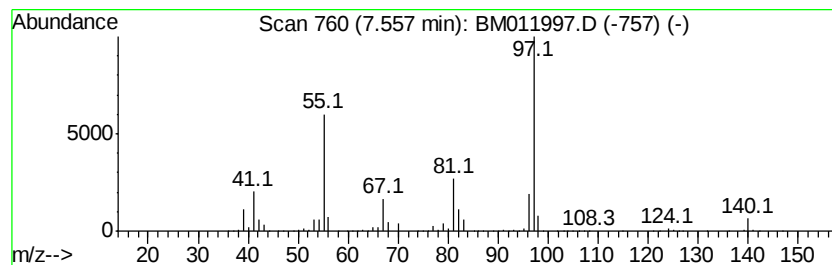
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Cyclic7.56 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	4.70 ng/ul	11933800	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	006069-98-3	72
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4		Cycloheptane, bromo-	176	C7H13Br	002404-35-5	64
5		Cyclohexane, 1-methyl-3-(1-methyl-...	140	C10H20	016580-24-8	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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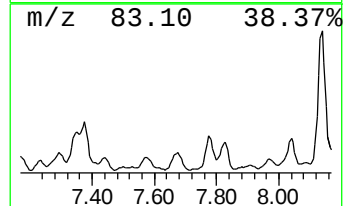
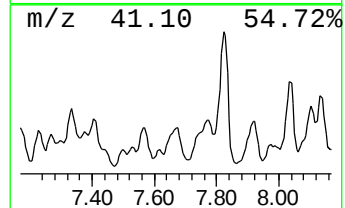
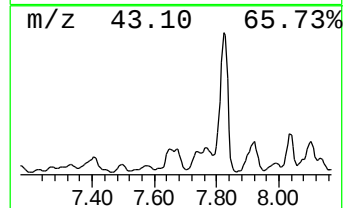
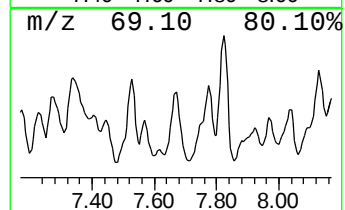
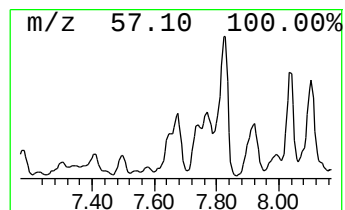
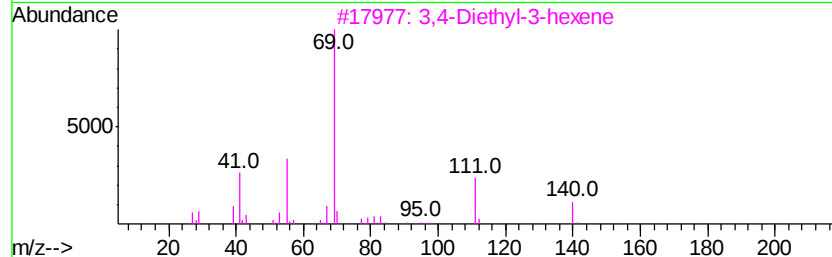
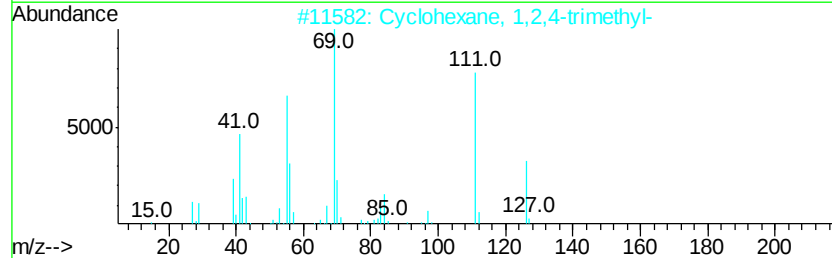
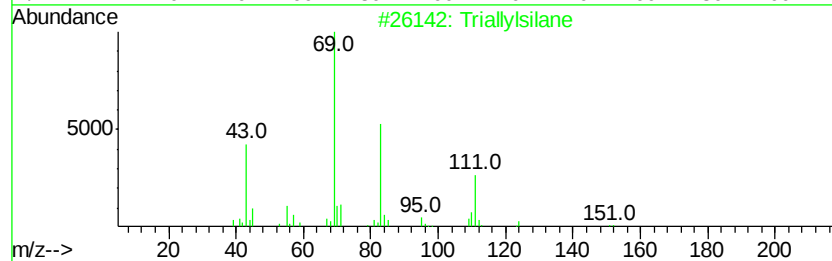
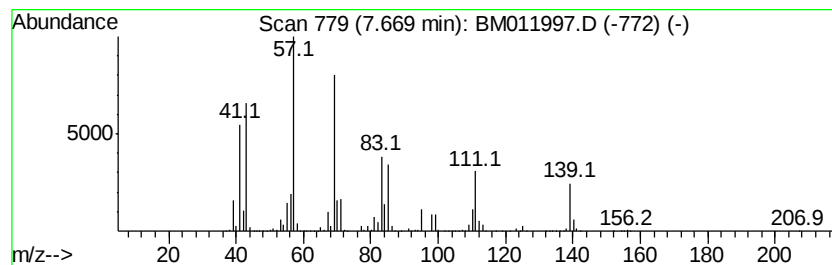
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	4.52 ng/ul	11480200	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triallylsilane	152	C9H16Si	001116-62-7	47
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
3			3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	30
4			3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	27
5			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
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Misc :
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ClientSampleId :
TWP-B-39

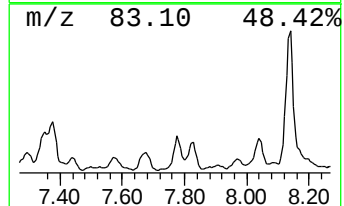
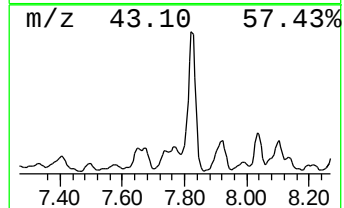
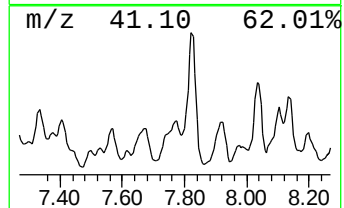
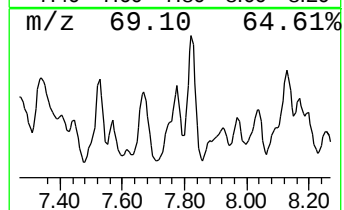
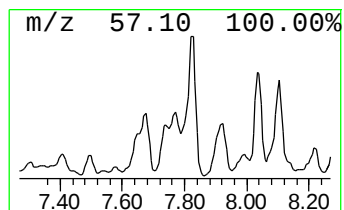
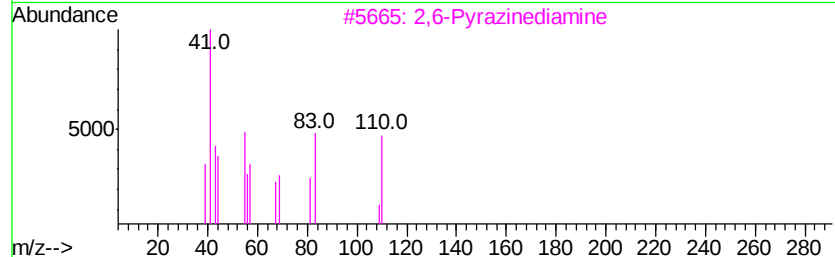
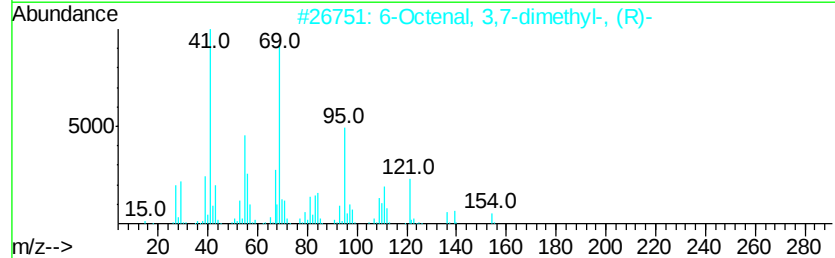
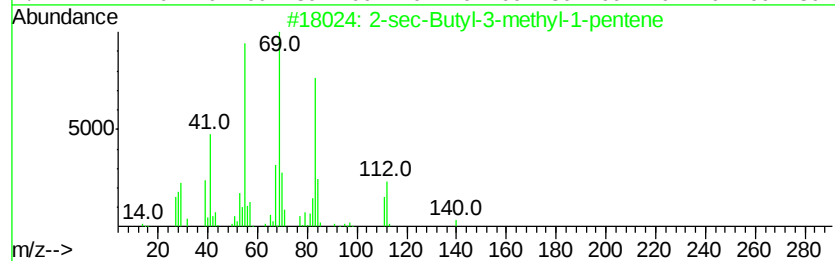
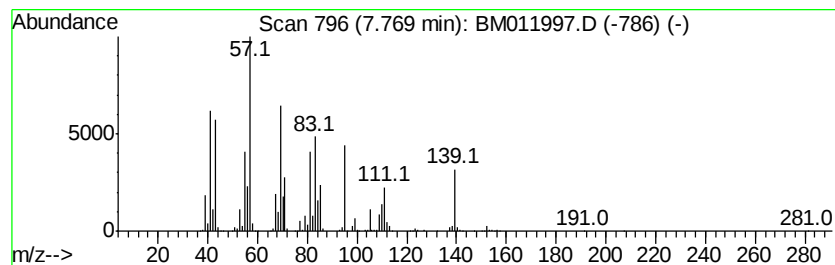
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Cyclic7.77 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	8.86 ng/ul	22507500	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-sec-Butyl-3-methyl-1-pentene	140	C10H20	075144-24-0	30		
2	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	27		
3	2,6-Pyrazinediamine	110	C4H6N4	041536-80-5	25		
4	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	22		
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	14		



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Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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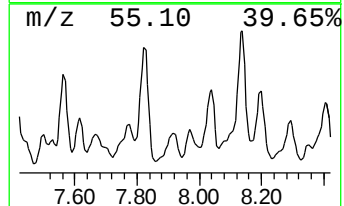
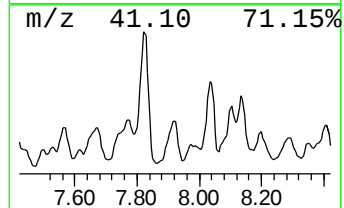
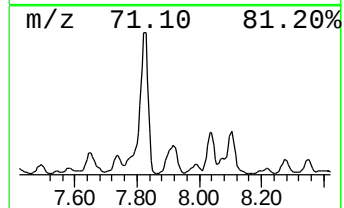
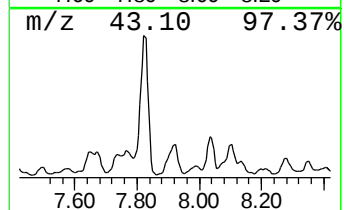
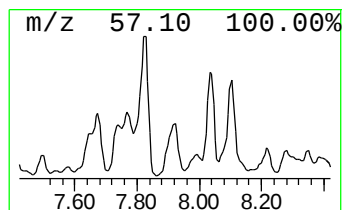
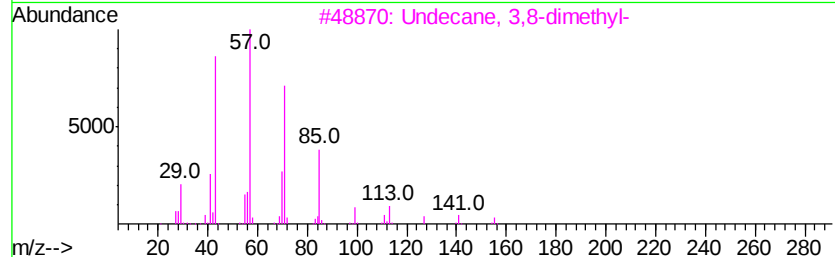
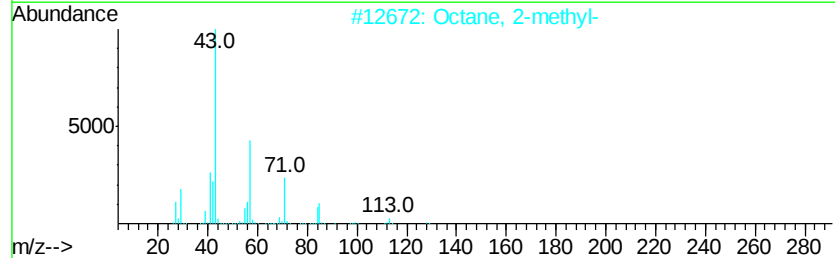
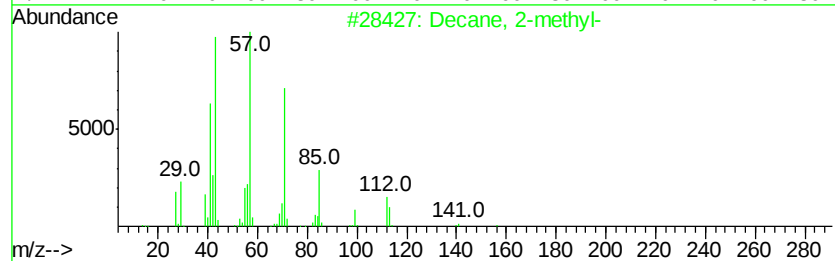
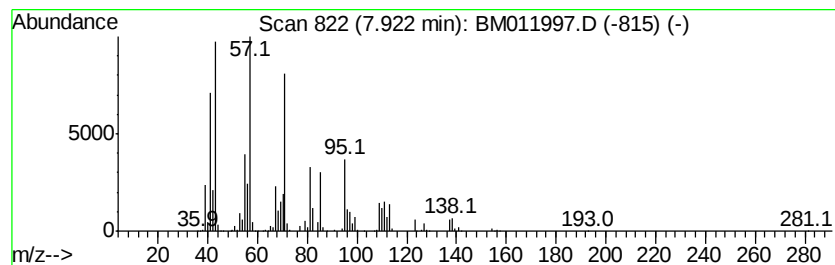
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	5.56 ng/ul	14142500	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	55
2			Octane, 2-methyl-	128	C9H20	003221-61-2	50
3			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	47
4			Decane, 2-methyl-	156	C11H24	006975-98-0	46
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	45



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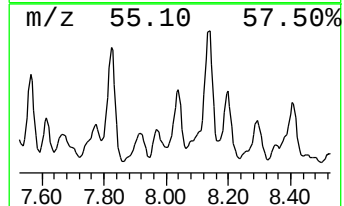
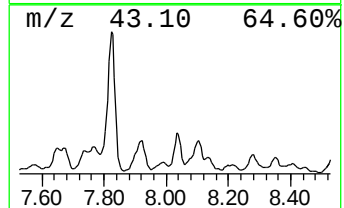
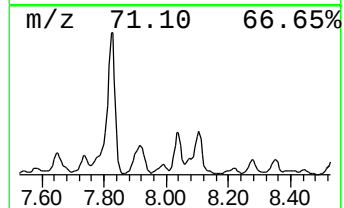
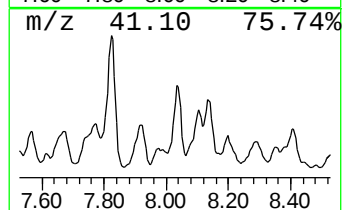
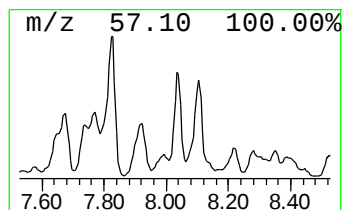
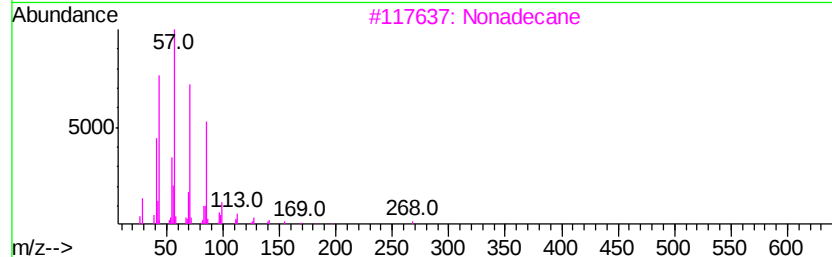
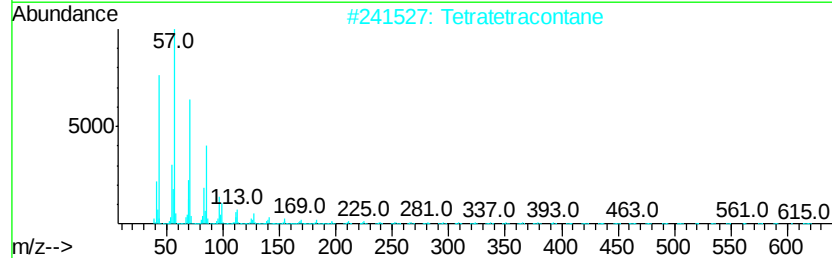
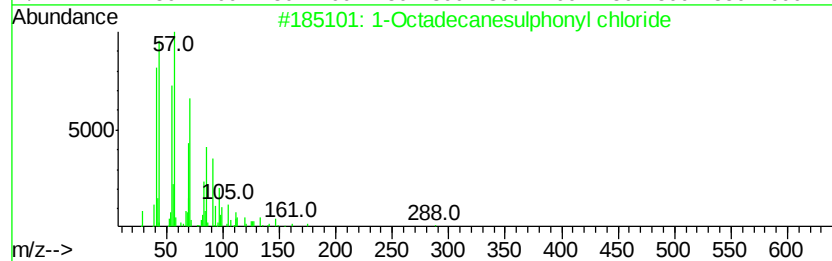
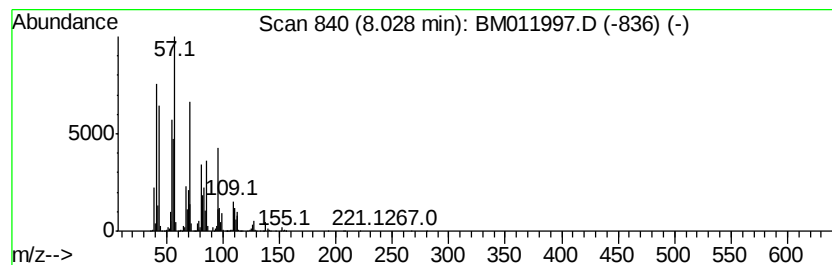
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	7.38 ng/ul	18757700	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	46
2			Tetratetracontane	619	C44H90	007098-22-8	43
3			Nonadecane	268	C19H40	000629-92-5	43
4			Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	43
5			Hexatriacontane	507	C36H74	000630-06-8	43



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Data File : BM011997.D
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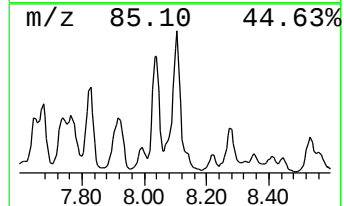
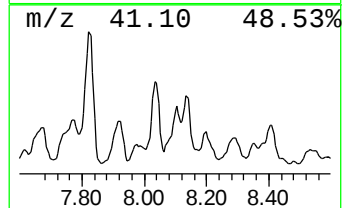
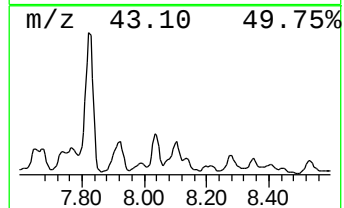
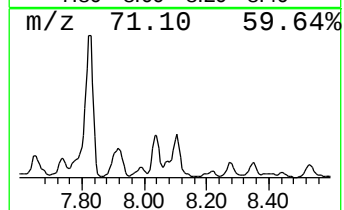
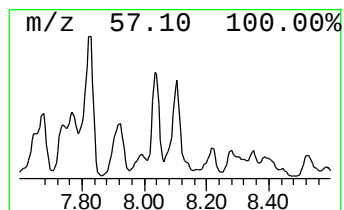
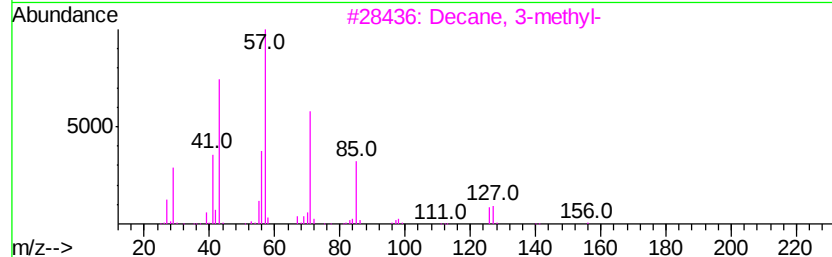
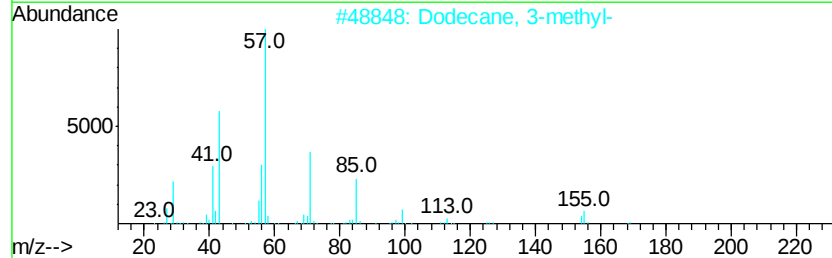
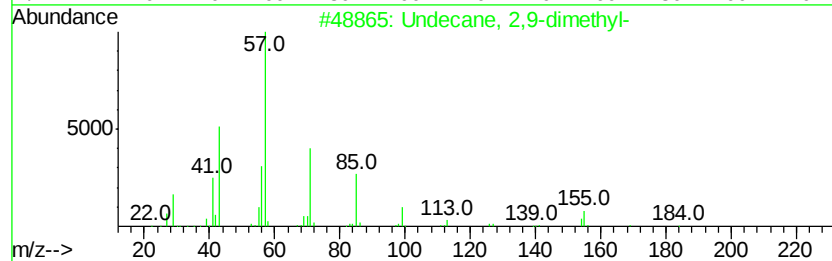
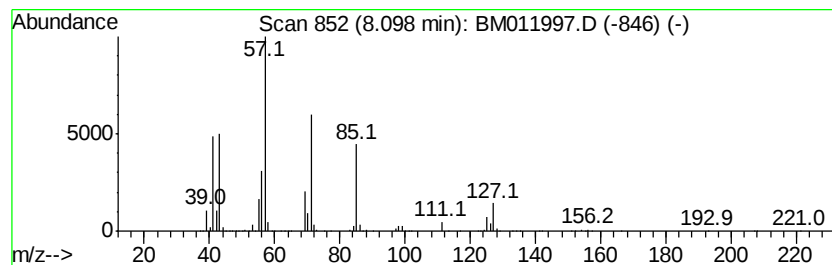
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	4.75 ng/ul	12079300	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3			Decane, 3-methyl-	156	C11H24	013151-34-3	58
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
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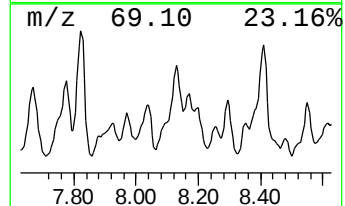
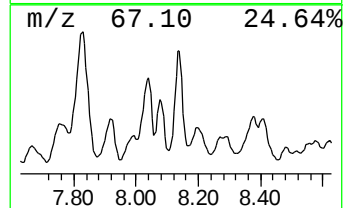
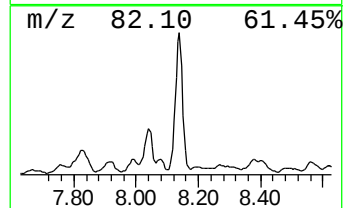
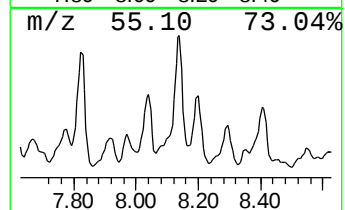
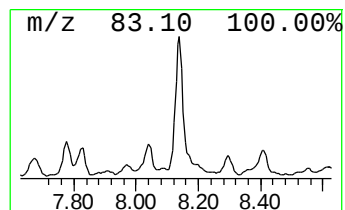
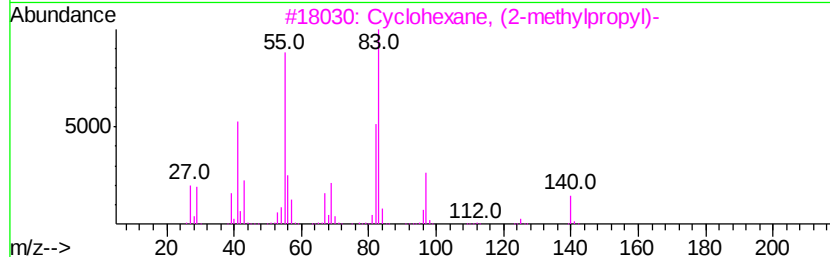
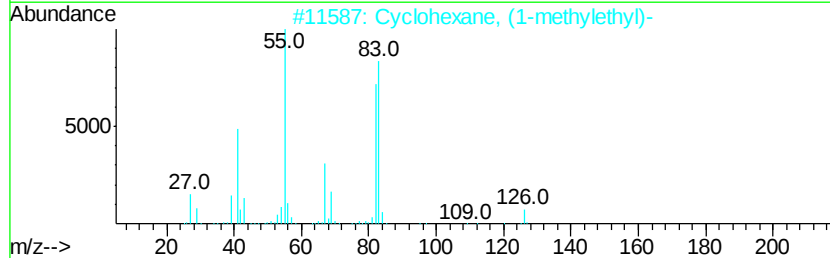
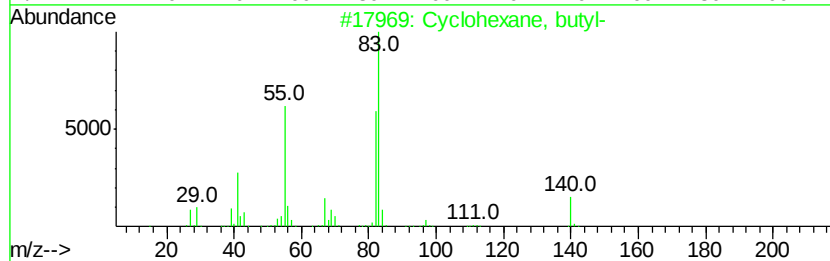
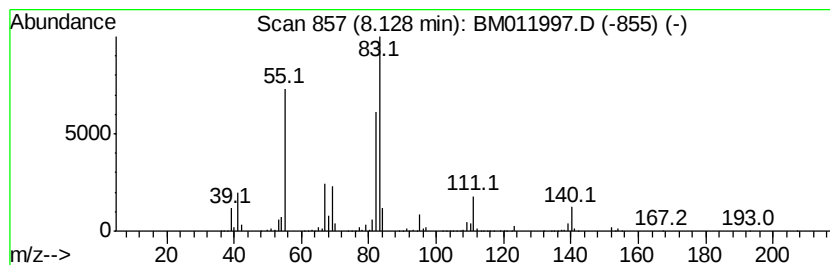
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Cyclic8.13 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	6.01 ng/ul	15278900	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5			Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	72



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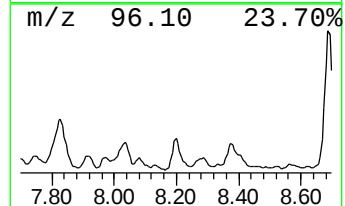
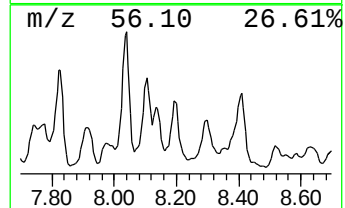
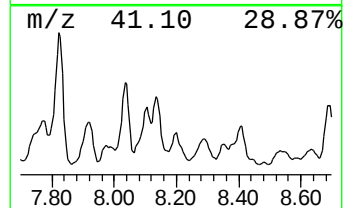
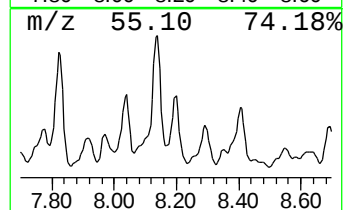
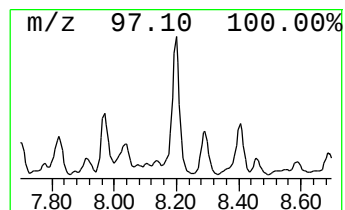
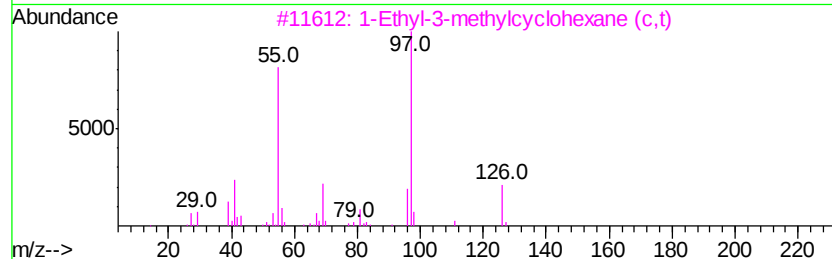
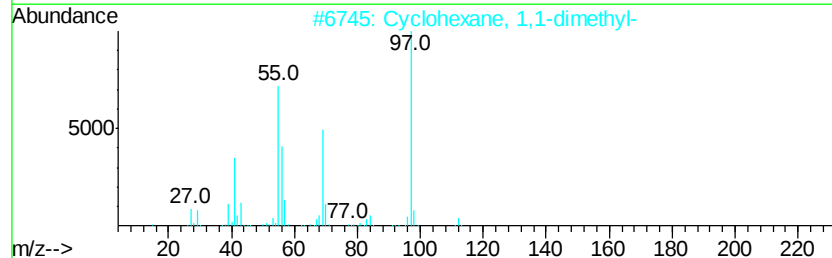
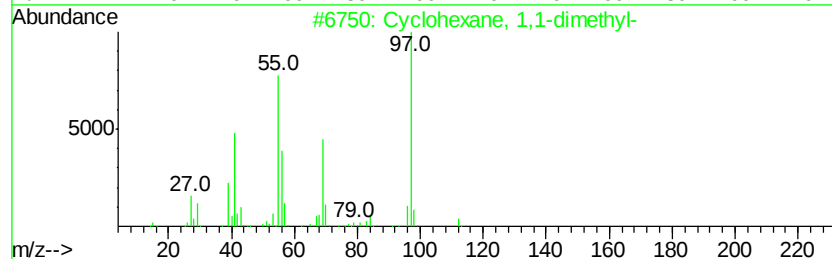
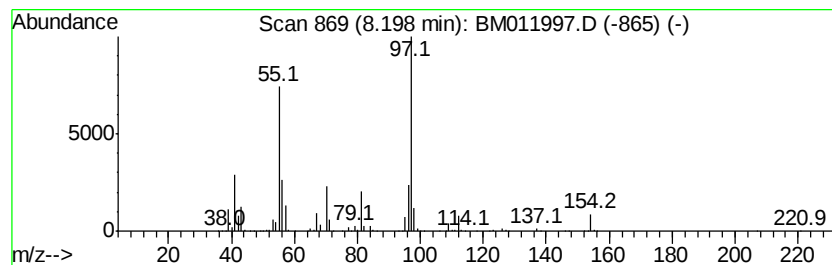
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Cyclic8.20 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.78 ng/ul	9595580	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	59
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
4			2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	53
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53



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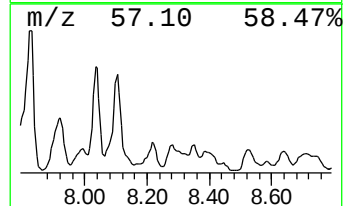
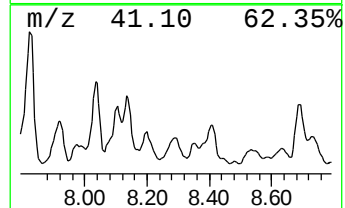
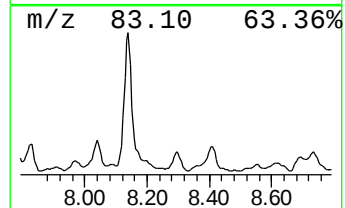
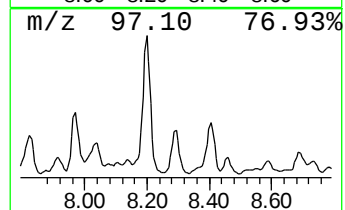
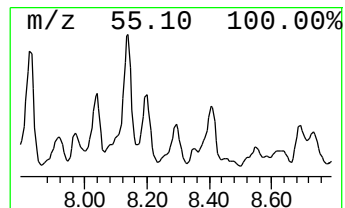
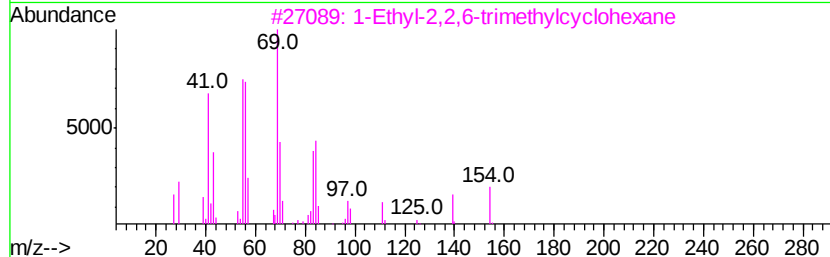
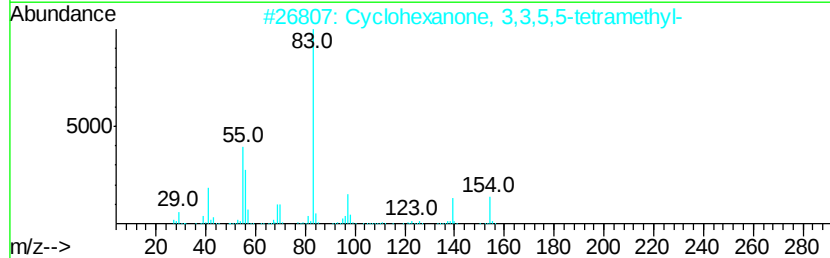
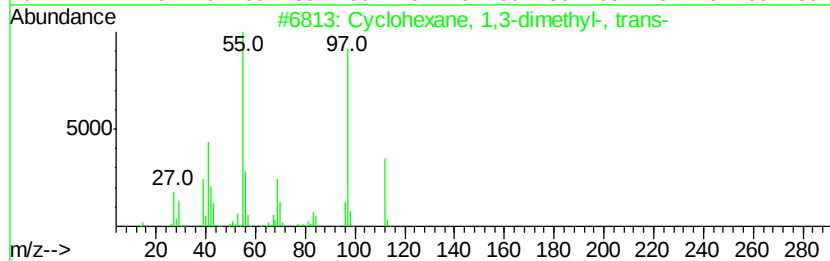
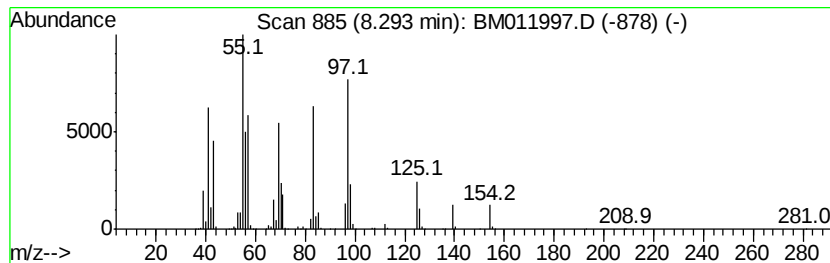
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Cyclic8.29 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	3.10 ng/ul	7875550	1,4-Dichlorobenzene-d4	7.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
2			Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	38
3			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	38
4			Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	30
5			Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	25



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ALS Vial : 23 Sample Multiplier: 1

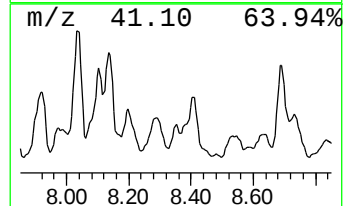
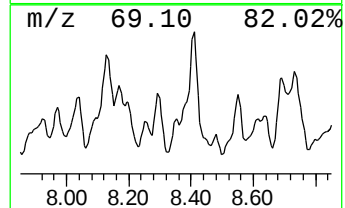
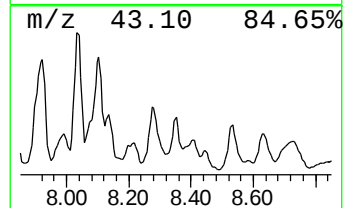
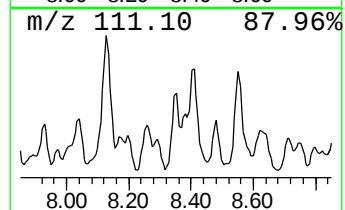
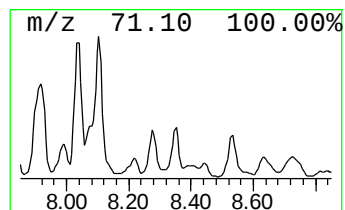
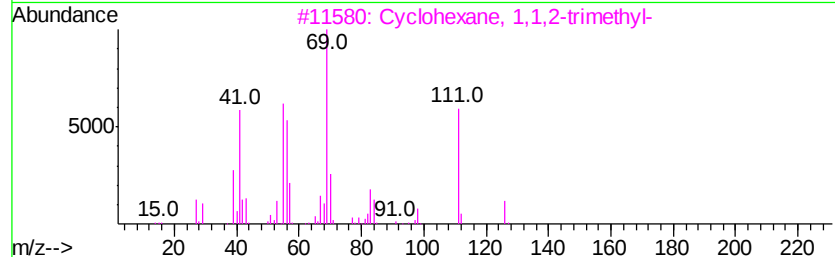
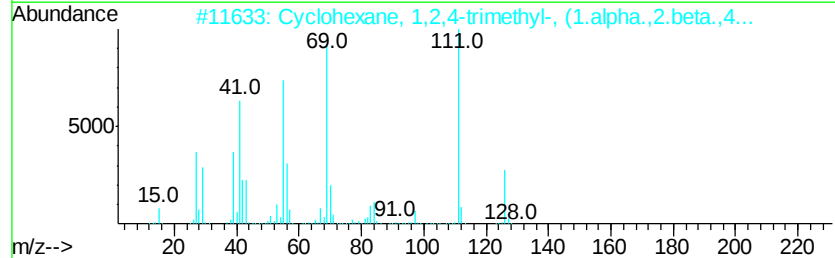
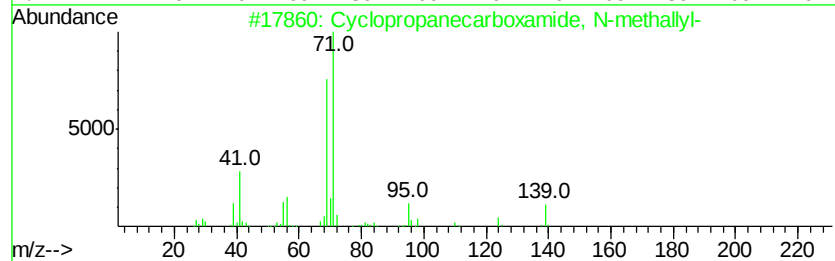
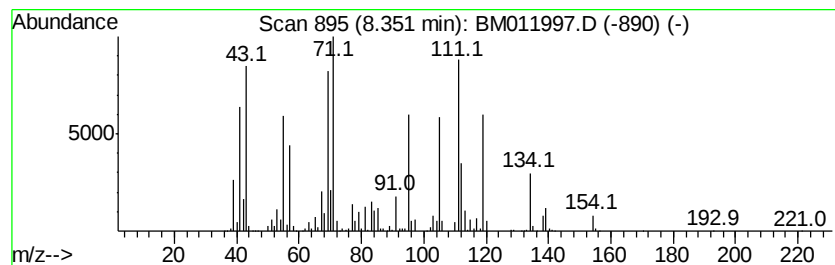
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BNA_M
ClientSampleId :
TWP-B-39

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-04 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.63 ng/ul	6694360	1,4-Dichlorobenzene-d4	7.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopropanecarboxamide, N-metha...	139 C8H13NO	1000340-05-6 35
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126 C9H18	007667-60-9 27
3		Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0 27
4		Cyclohexane, 1-ethyl-2,3-dimethyl-	140 C10H20	007058-05-1 27
5		Cyclohexanol, 3,5-dimethyl-	128 C8H16O	005441-52-1 20



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-39

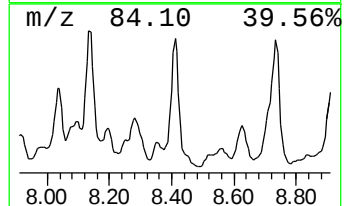
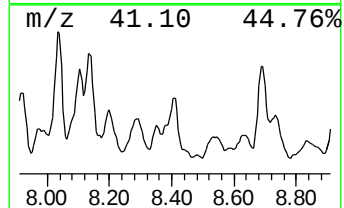
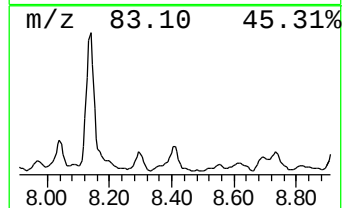
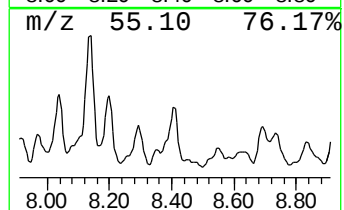
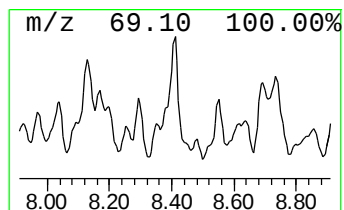
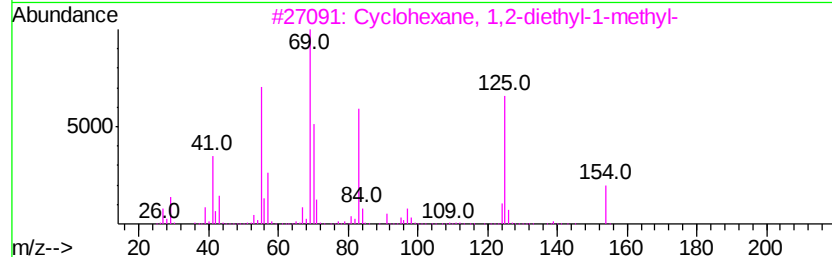
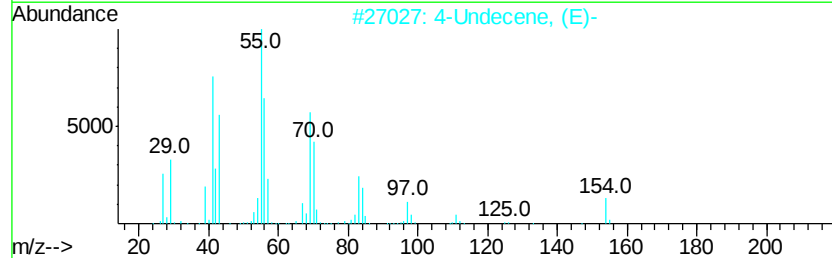
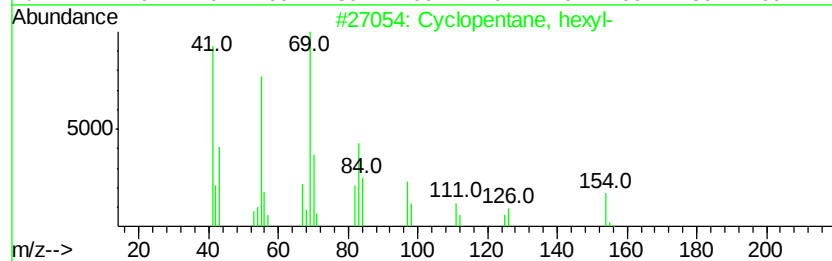
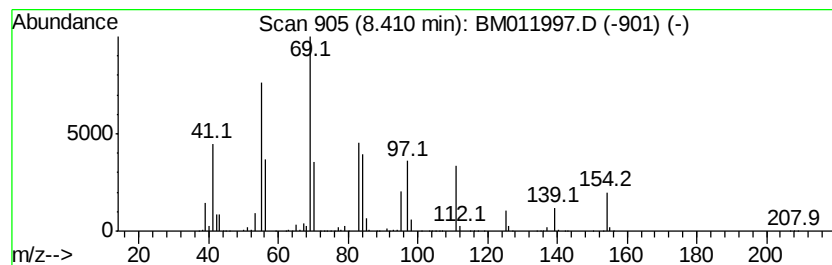
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Cyclic8.41 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.50 ng/ul	13967800	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	59
2		4-Undecene, (E)-	154	C11H22	000693-62-9	53
3		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	47
4		Pentane, 3-methylene-	84	C6H12	000760-21-4	38
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

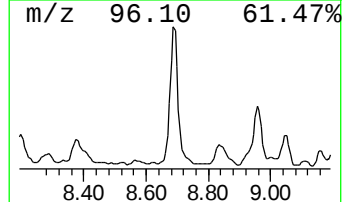
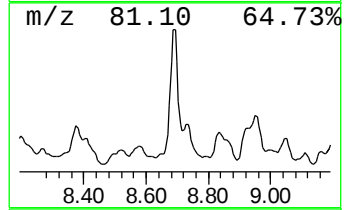
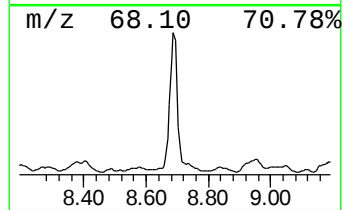
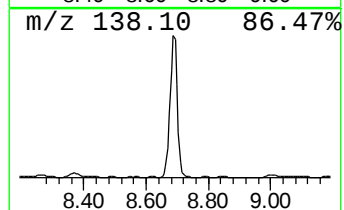
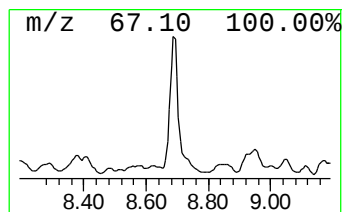
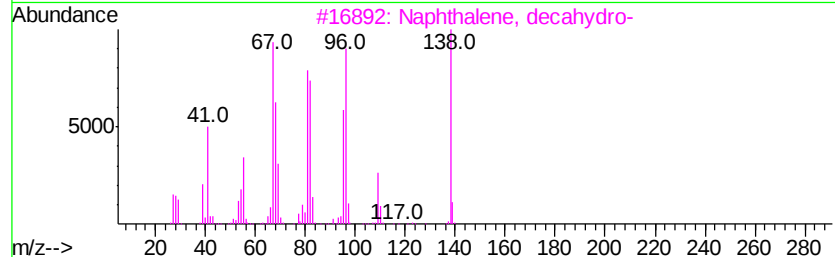
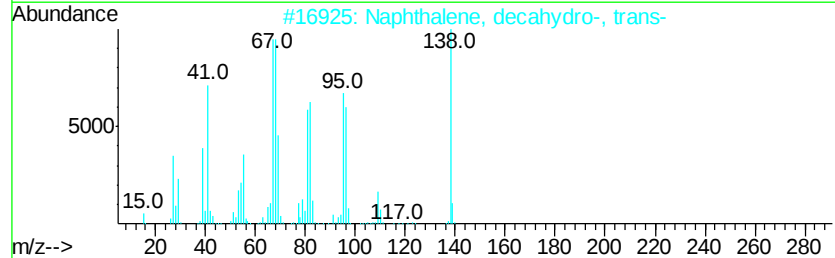
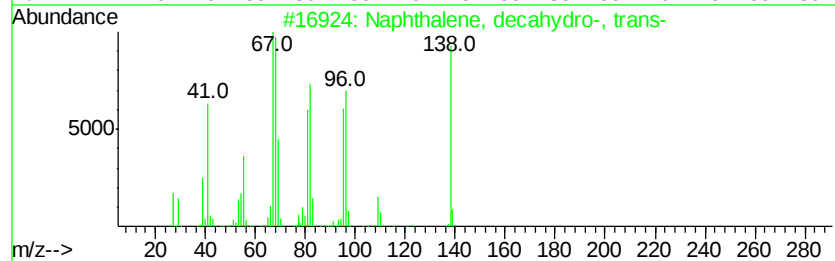
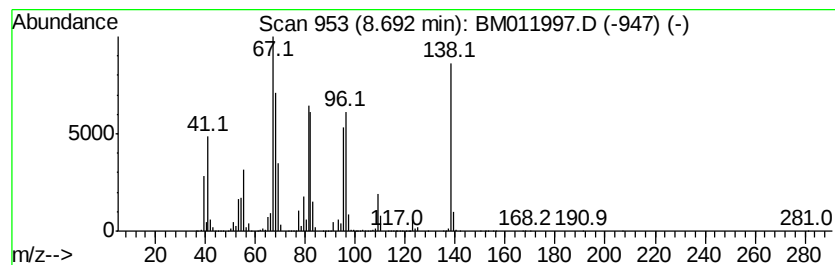
Instrument :
BNA_M
ClientSampleId :
TWP-B-39

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 Naphthalene, decahydro-, tr... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	9.85 ng/ul	25025700	1,4-Dichlorobenzene-d4	7.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 98
2		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 97
3		Naphthalene, decahydro-	138 C10H18	000091-17-8 96
4		Naphthalene, decahydro-	138 C10H18	000091-17-8 95
5		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-39

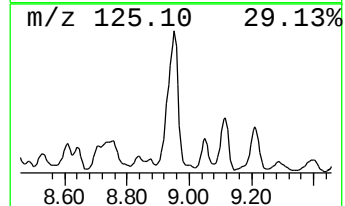
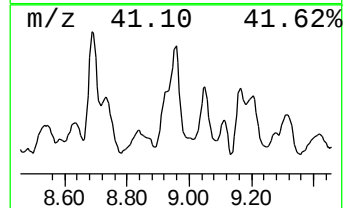
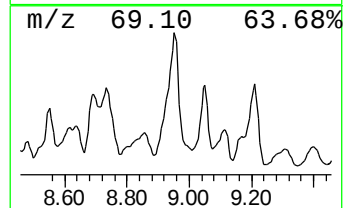
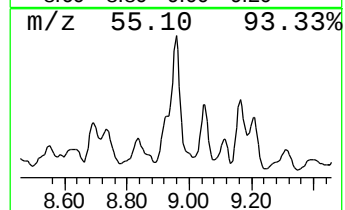
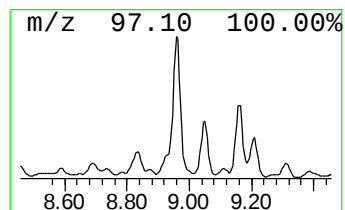
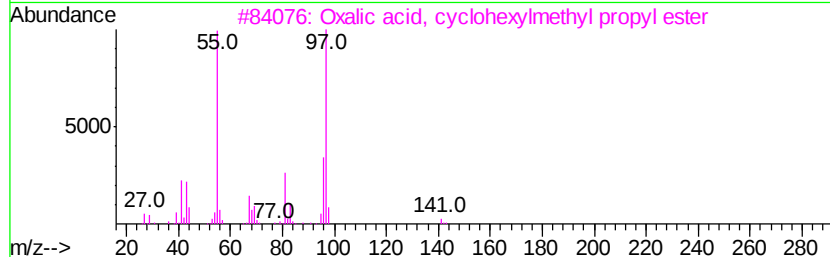
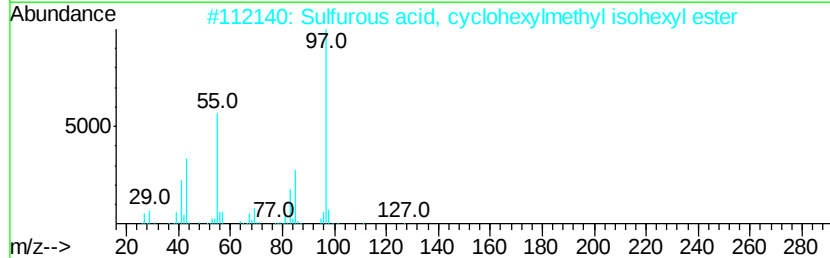
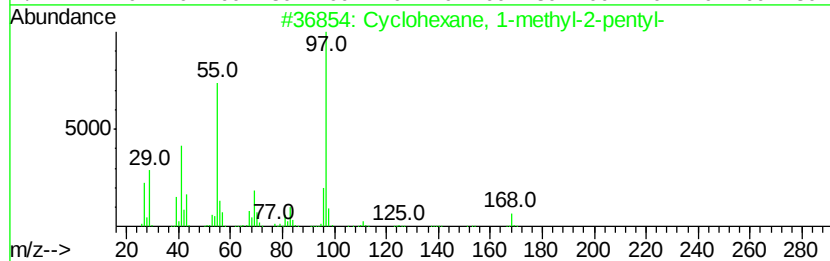
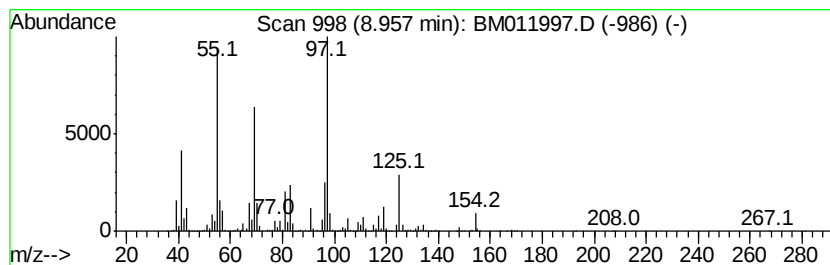
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Cyclic8.96 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	12.62 ng/ul	32067500	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	53
2		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
3		Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	50
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
5		Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011997.D
Acq On : 09 Oct 2017 03:27
Operator : SJ/JU
Sample : I5722-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-39

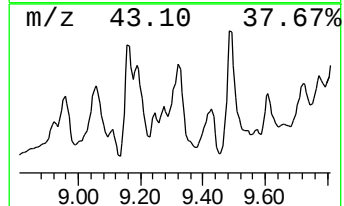
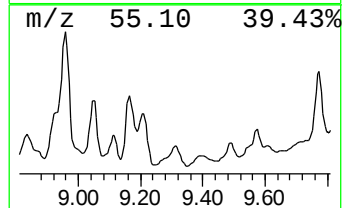
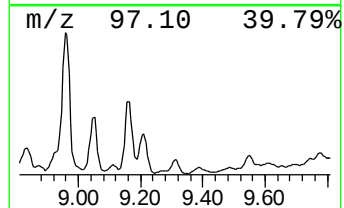
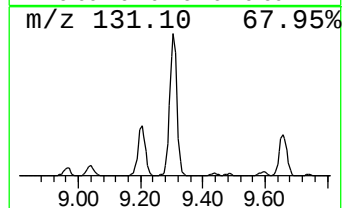
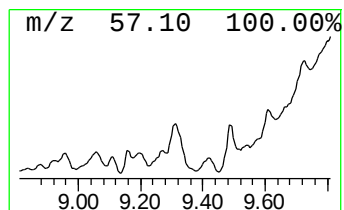
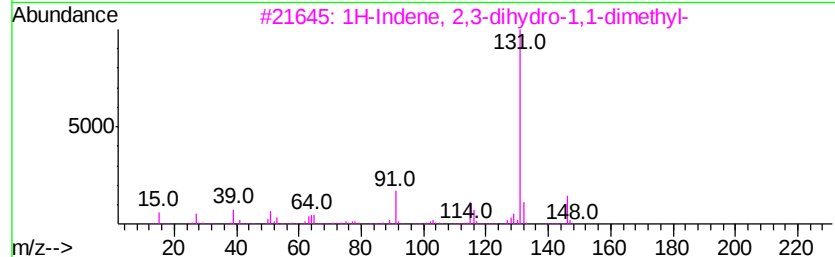
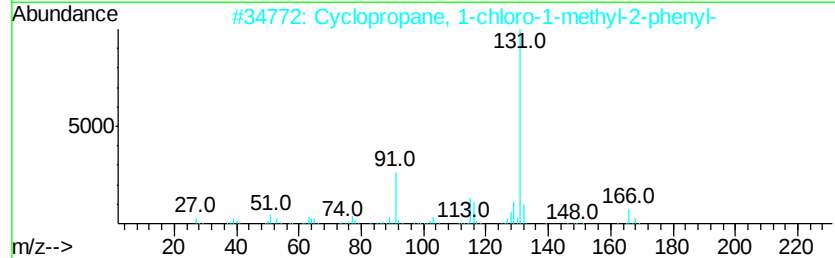
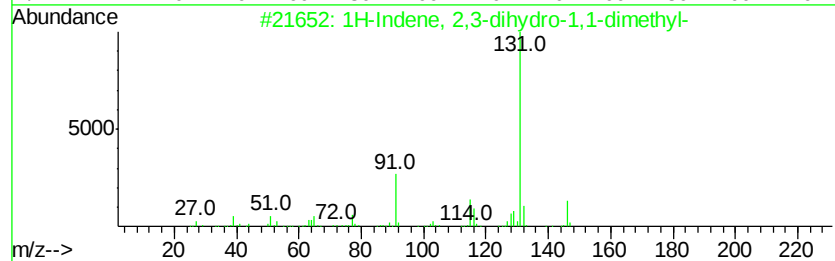
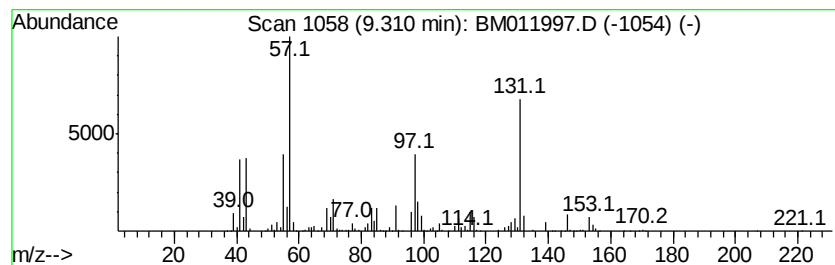
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	25.90 ng/ul	9330300	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	35
2		Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	35
3		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	35
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	18
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100817\
 Data File : BM011997.D
 Acq On : 09 Oct 2017 03:27
 Operator : SJ/JU
 Sample : I5722-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-39

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	4.86	3.1	ng/ul	7963060	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	5.03	3.3	ng/ul	8416440	1	7.86	50832400	20.0
(DEL) Alkane: Str...	5.19	2.3	ng/ul	5890370	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	5.27	3.8	ng/ul	9526580	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	5.64	2.4	ng/ul	6023740	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	5.71	2.3	ng/ul	5823390	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	5.79	2.6	ng/ul	6702960	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	5.86	3.4	ng/ul	8570050	1	7.86	50832400	20.0
unknown-01	5.93	2.4	ng/ul	6118620	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	6.11	12.2	ng/ul	30870000	1	7.86	50832400	20.0
(DEL) Alkane: Str...	6.23	4.8	ng/ul	12140100	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	6.32	7.1	ng/ul	18005200	1	7.86	50832400	20.0
(DEL) Alkane: Str...	6.45	5.1	ng/ul	13006300	1	7.86	50832400	20.0
(DEL) Alkane: Str...	6.51	10.7	ng/ul	27205100	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	6.60	3.2	ng/ul	8046120	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	6.66	4.0	ng/ul	10054300	1	7.86	50832400	20.0
(DEL) Alkane: Str...	6.73	7.3	ng/ul	18544700	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	6.93	3.3	ng/ul	8458500	1	7.86	50832400	20.0
2,4-Nonadienal, (...)	7.13	2.3	ng/ul	5892530	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	7.27	3.8	ng/ul	9725730	1	7.86	50832400	20.0
Ethanone, 1-(1-me...	7.33	10.1	ng/ul	25586400	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	7.56	4.7	ng/ul	11933800	1	7.86	50832400	20.0
unknown-02	7.67	4.5	ng/ul	11480200	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	7.77	8.9	ng/ul	22507500	1	7.86	50832400	20.0
(DEL) Alkane: Str...	7.92	5.6	ng/ul	14142500	1	7.86	50832400	20.0
unknown-03	8.03	7.4	ng/ul	18757700	1	7.86	50832400	20.0
(DEL) Alkane: Str...	8.10	4.8	ng/ul	12079300	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	8.13	6.0	ng/ul	15278900	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	8.20	3.8	ng/ul	9595580	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	8.29	3.1	ng/ul	7875550	1	7.86	50832400	20.0
unknown-04	8.35	2.6	ng/ul	6694360	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	8.41	5.5	ng/ul	13967800	1	7.86	50832400	20.0
Naphthalene, deca...	8.69	9.8	ng/ul	25025700	1	7.86	50832400	20.0
(DEL) Alkane: Cyc...	8.96	12.6	ng/ul	32067500	1	7.86	50832400	20.0
unknown-05	9.31	25.9	ng/ul	9330300	2	10.66	7204100	20.0