

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
 Data File : BM012227.D
 Acq On : 16 Oct 2017 22:06
 Operator : SJ/JU
 Sample : I5871-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-13

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	3.210	18	21	29	rVB	39417	53550	1.15%	0.069%
2	3.434	54	59	72	rVB	137171	244259	5.25%	0.315%
3	3.616	87	90	98	rVB	115454	169709	3.65%	0.219%
4	3.704	100	105	111	rBV2	58762	91898	1.98%	0.119%
5	3.934	139	144	146	rBV2	34717	53321	1.15%	0.069%
6	4.116	171	175	180	rVB	31505	48821	1.05%	0.063%
7	4.263	195	200	209	rVB	338030	524471	11.28%	0.677%
8	4.422	221	227	235	rVB	726267	1150243	24.74%	1.484%
9	4.499	235	240	246	rBV	127753	198333	4.27%	0.256%
10	4.681	266	271	279	rVB6	21052	46697	1.00%	0.060%
11	4.875	297	304	313	rVB2	239981	431358	9.28%	0.556%
12	4.963	313	319	325	rBV	185270	319255	6.87%	0.412%
13	5.028	325	330	335	rBV	167736	260323	5.60%	0.336%
14	5.204	350	360	369	rVB	196933	364948	7.85%	0.471%
15	5.287	369	374	379	rBV3	30534	48859	1.05%	0.063%
16	5.475	398	406	415	rVB	268941	529951	11.40%	0.684%
17	5.575	415	423	429	rVV2	72481	126736	2.73%	0.164%
18	5.657	429	437	443	rVV	349249	675467	14.53%	0.871%
19	5.716	443	447	453	rVV2	144833	263532	5.67%	0.340%
20	5.787	453	459	467	rVV5	104296	270297	5.81%	0.349%
21	5.869	467	473	483	rVB	208460	337674	7.26%	0.436%
22	6.081	494	509	516	rBV3	418558	1038288	22.33%	1.339%
23	6.145	516	520	531	rVB	101346	180791	3.89%	0.233%
24	6.281	531	543	550	rBV4	199347	640817	13.78%	0.827%
25	6.398	553	563	571	rVV3	151454	392538	8.44%	0.506%
26	6.469	571	575	581	rVB4	89330	148851	3.20%	0.192%
27	6.581	581	594	602	rVB5	133919	329778	7.09%	0.425%
28	6.675	602	610	613	rBV6	30449	75108	1.62%	0.097%
29	6.716	613	617	620	rVV2	80443	148960	3.20%	0.192%
30	6.763	620	625	631	rVV2	218065	387859	8.34%	0.500%
31	6.857	637	641	646	rVB5	61361	106452	2.29%	0.137%
32	6.916	646	651	656	rBV3	135874	245684	5.28%	0.317%
33	6.969	656	660	666	rVV	141106	244302	5.26%	0.315%
34	7.040	666	672	677	rVV	617017	927625	19.95%	1.197%

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35	7.098	677	682	684	rVV3	378901	636895	13.70%	0.822%
36	7.128	684	687	698	rVB	539670	972094	20.91%	1.254%
37	7.263	704	710	713	rBV5	24402	52943	1.14%	0.068%
38	7.328	713	721	725	rVV2	546587	1097367	23.61%	1.416%
39	7.363	725	727	735	rVB2	316408	463372	9.97%	0.598%
40	7.434	735	739	743	rBV	56978	89166	1.92%	0.115%
41	7.487	743	748	757	rVB2	109308	193332	4.16%	0.249%
42	7.651	769	776	779	rBV	1757546	2831611	60.91%	3.653%
43	7.687	779	782	788	rVV2	2015237	3257560	70.07%	4.203%
44	7.739	788	791	795	rVB	247058	327282	7.04%	0.422%
45	7.792	795	800	806	rBV	481992	766375	16.49%	0.989%
46	8.092	839	851	857	rBV	201878	333722	7.18%	0.431%
47	8.275	875	882	895	rBV	2173632	3282207	70.60%	4.234%
48	8.428	900	908	912	rVV	817103	1247838	26.84%	1.610%
49	8.475	912	916	919	rVV2	261667	452273	9.73%	0.583%
50	8.510	919	922	931	rVV	415786	724579	15.59%	0.935%
51	8.586	931	935	936	rVV	41143	58083	1.25%	0.075%
52	8.610	936	939	950	rVB4	55504	116362	2.50%	0.150%
53	8.892	973	987	994	rBV	2865840	4648762	100.00%	5.997%
54	8.969	994	1000	1010	rVV	604236	1249710	26.88%	1.612%
55	9.128	1020	1027	1036	rBV3	531641	1119683	24.09%	1.444%
56	9.239	1041	1046	1054	rVB	504102	795466	17.11%	1.026%
57	9.369	1060	1068	1072	rBV3	337883	704898	15.16%	0.909%
58	9.416	1072	1076	1085	rVB	755608	1174986	25.28%	1.516%
59	9.528	1090	1095	1100	rVV	130965	217488	4.68%	0.281%
60	9.586	1100	1105	1113	rVB	181491	296979	6.39%	0.383%
61	9.686	1113	1122	1131	rBV2	614061	1183107	25.45%	1.526%
62	9.781	1131	1138	1147	rVV2	828627	1475505	31.74%	1.904%
63	9.869	1147	1153	1161	rVB	207362	352302	7.58%	0.455%
64	9.981	1166	1172	1180	rBV2	48689	90288	1.94%	0.116%
65	10.057	1180	1185	1194	rVB	54950	90087	1.94%	0.116%
66	10.157	1194	1202	1208	rBV4	79248	175608	3.78%	0.227%
67	10.228	1208	1214	1220	rBV	745197	1427107	30.70%	1.841%
68	10.598	1264	1277	1282	rVV	760002	1630083	35.06%	2.103%
69	10.639	1282	1284	1290	rVV3	120090	187044	4.02%	0.241%
70	10.704	1290	1295	1301	rVB2	123814	210225	4.52%	0.271%
71	10.804	1308	1312	1319	rVB	28504	48636	1.05%	0.063%

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72	10.892	1321	1327	1332	rVB	33592	53741	1.16%	0.069%
73	11.569	1437	1442	1449	rVB	78118	133632	2.87%	0.172%
74	11.686	1457	1462	1470	rVB2	79456	150192	3.23%	0.194%
75	11.916	1494	1501	1507	rBV3	26888	53352	1.15%	0.069%
76	12.110	1527	1534	1538	rBV6	26679	54771	1.18%	0.071%
77	12.198	1540	1549	1556	rVB6	38443	119290	2.57%	0.154%
78	12.351	1571	1575	1584	rVB2	47863	79381	1.71%	0.102%
79	12.469	1584	1595	1600	rBV3	83633	186879	4.02%	0.241%
80	12.574	1605	1613	1621	rVB3	35895	116764	2.51%	0.151%
81	13.233	1719	1725	1729	rBV	67489	121712	2.62%	0.157%
82	13.763	1811	1815	1822	rBV6	27957	55280	1.19%	0.071%
83	13.857	1822	1831	1844	rVB	1882551	2653643	57.08%	3.423%
84	14.145	1872	1880	1890	rBV	2042723	2989869	64.32%	3.857%
85	14.310	1901	1908	1919	rBV2	46158	114958	2.47%	0.148%
86	14.451	1923	1932	1940	rBV2	1260856	1957203	42.10%	2.525%
87	14.704	1965	1975	1985	rBV4	51300	175424	3.77%	0.226%
88	15.198	2054	2059	2064	rBV	63070	94126	2.02%	0.121%
89	15.445	2094	2101	2108	rBV	2644365	3780328	81.32%	4.877%
90	15.586	2119	2125	2138	rBV	648282	1066051	22.93%	1.375%
91	15.686	2138	2142	2147	rVB2	29076	46775	1.01%	0.060%
92	17.198	2393	2399	2409	rBV2	1703780	2407538	51.79%	3.106%
93	17.298	2409	2416	2424	rBV	2801142	4035576	86.81%	5.206%
94	18.074	2544	2548	2554	rBV3	40214	68769	1.48%	0.089%
95	19.351	2762	2765	2770	rBV3	63066	89528	1.93%	0.115%
96	19.592	2800	2806	2817	rBV	3277891	4541775	97.70%	5.859%
97	21.380	3105	3110	3118	rBV	1537459	2119625	45.60%	2.735%
98	23.538	3470	3477	3487	rVB2	1596286	3288778	70.75%	4.243%
99	23.680	3495	3501	3511	rVB	951909	1900853	40.89%	2.452%

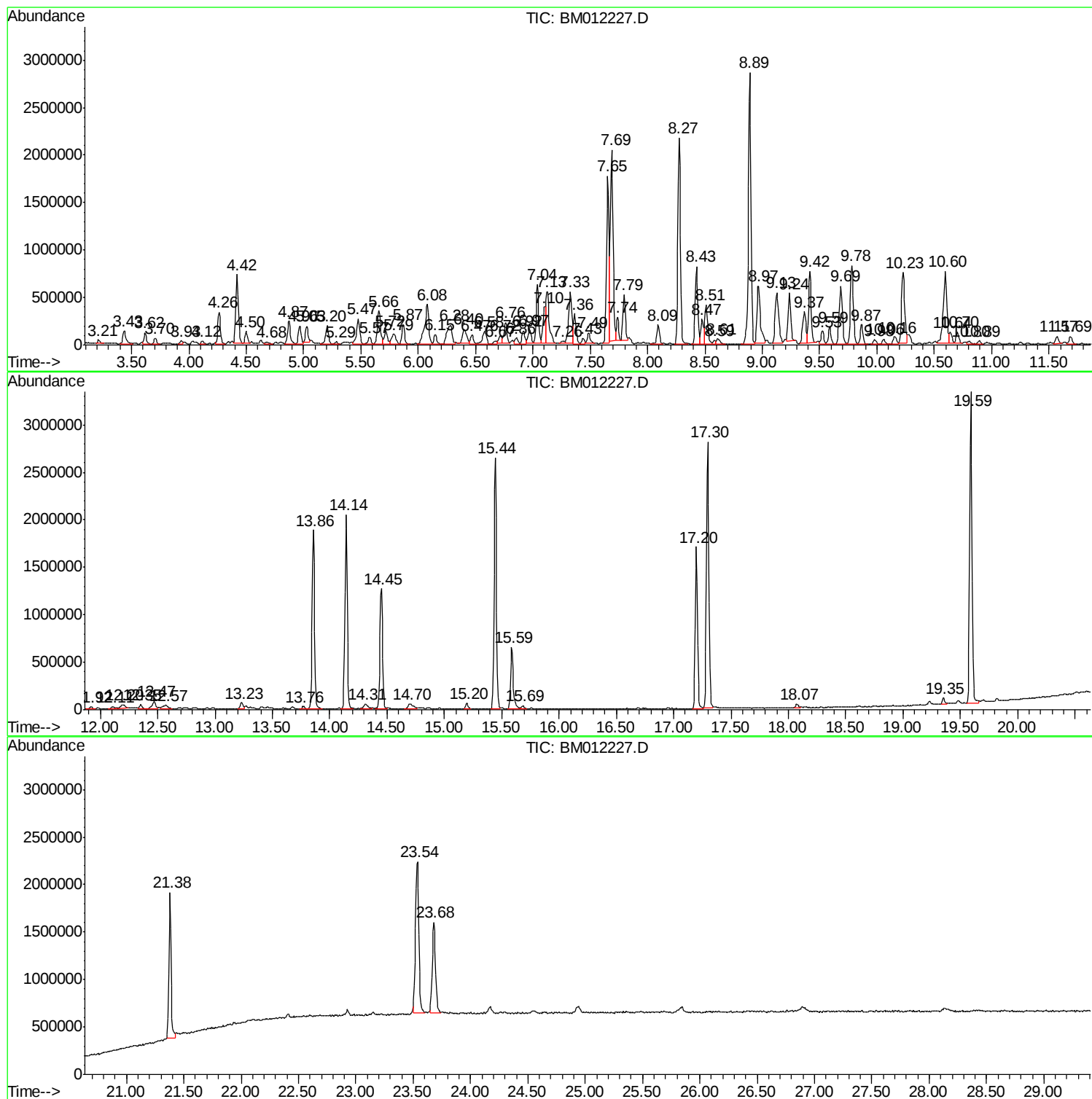
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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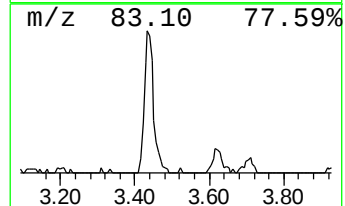
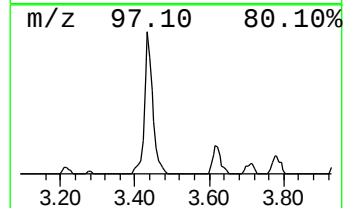
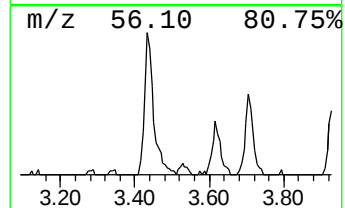
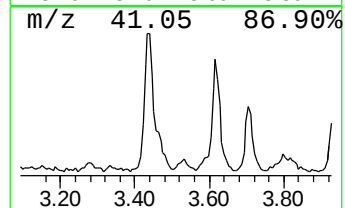
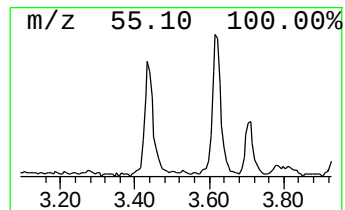
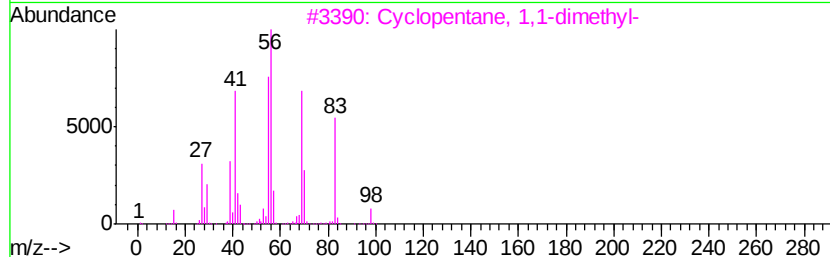
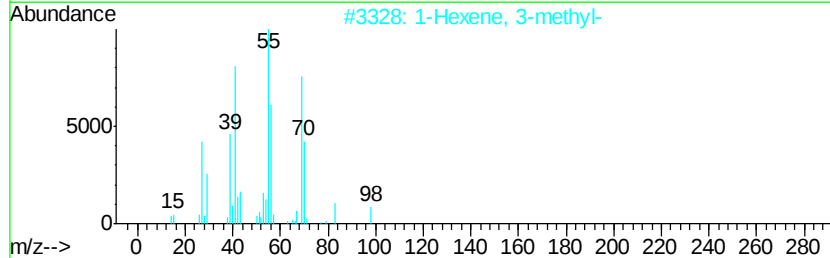
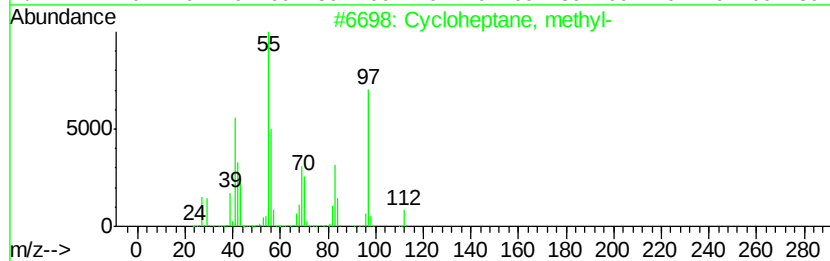
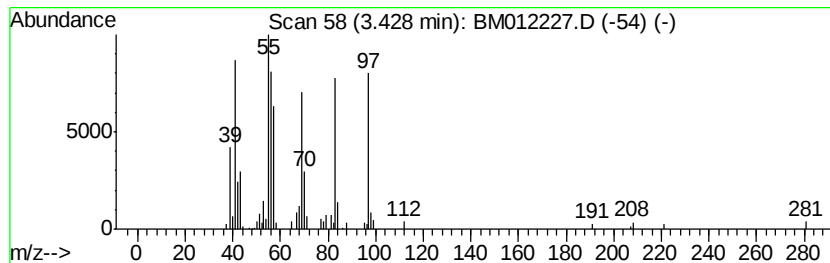
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.43 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.43	6.37 ng/ul	244259	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, methyl-	112	C8H16	004126-78-7	49
2		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49
3		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	46
4		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	45
5		7-Oxabicyclo[4.1.0]heptane, 3-me...	112	C7H12O	036099-51-1	43



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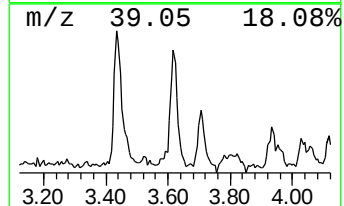
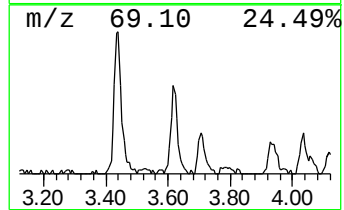
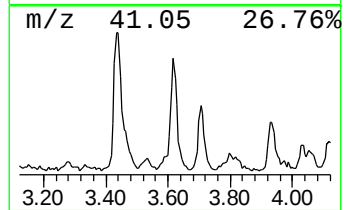
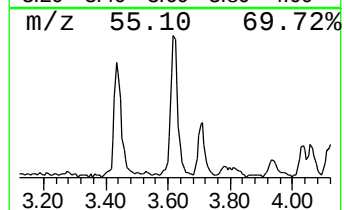
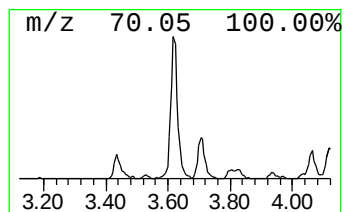
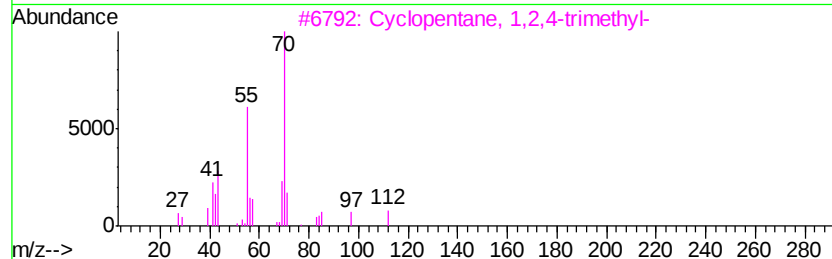
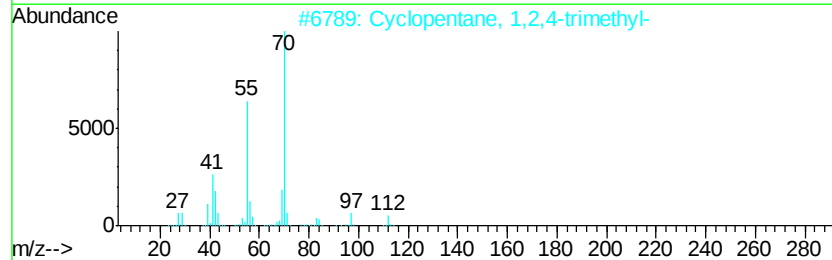
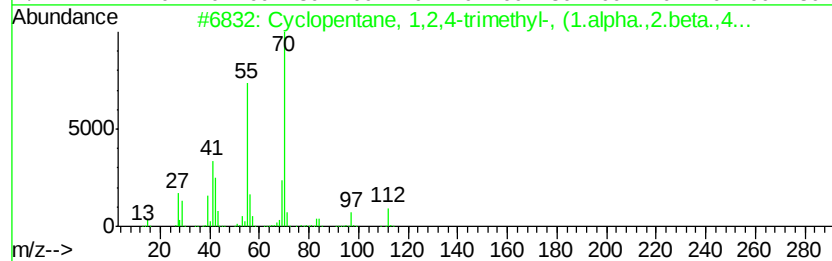
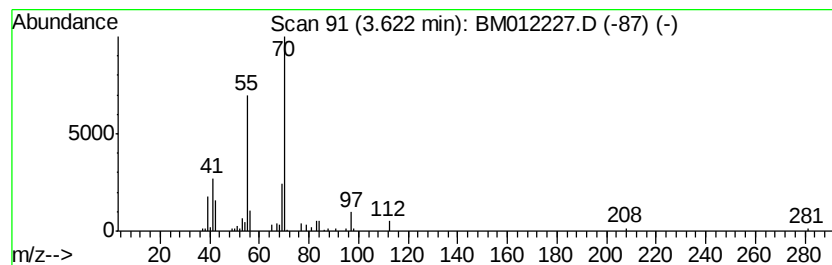
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic3.62 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	4.43 ng/ul	169709	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	83
4			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	72



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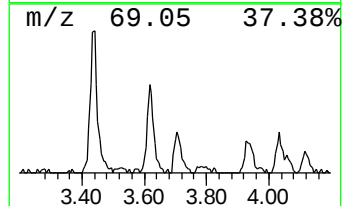
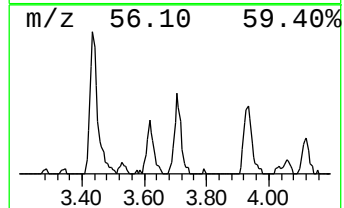
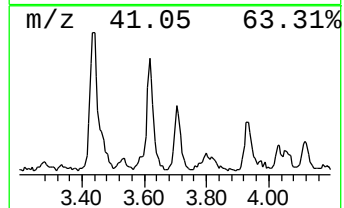
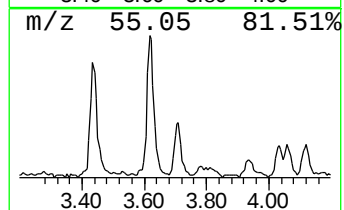
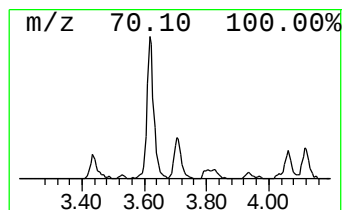
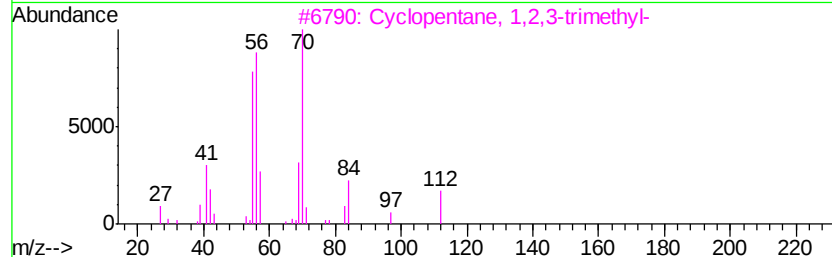
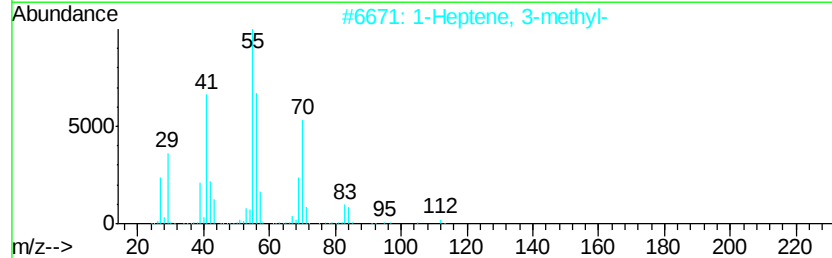
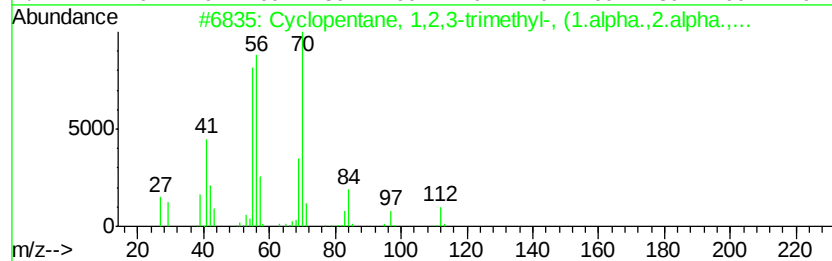
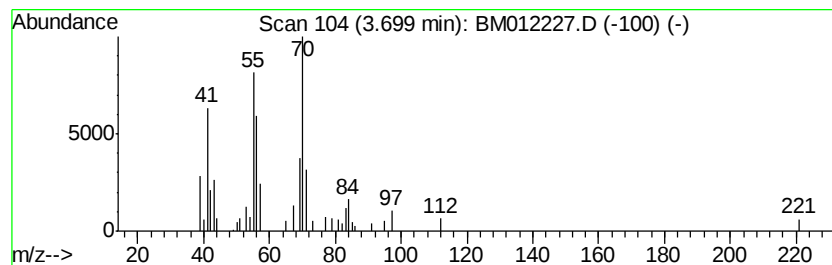
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic3.70 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	2.40 ng/ul	91898	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2		1-Heptene, 3-methyl-	112	C8H16	004810-09-7	86
3		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	80
4		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	80
5		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64



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Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
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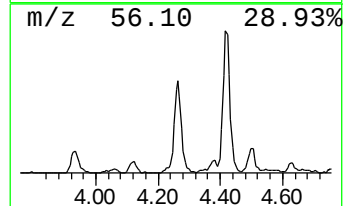
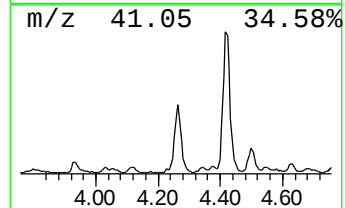
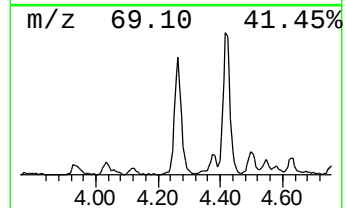
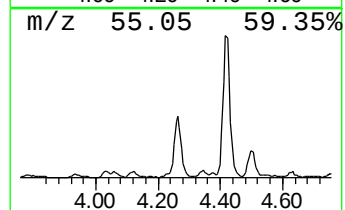
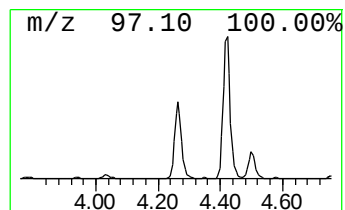
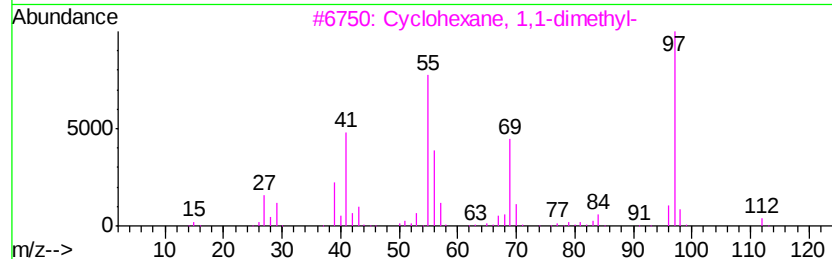
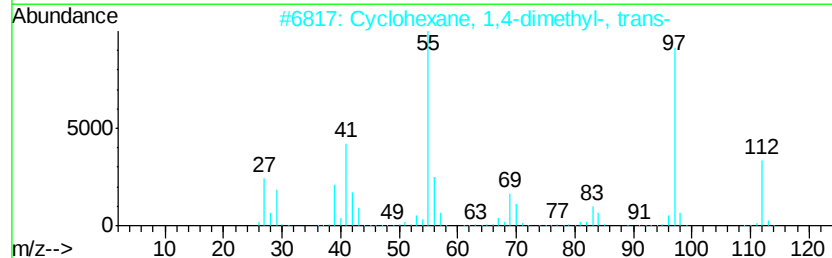
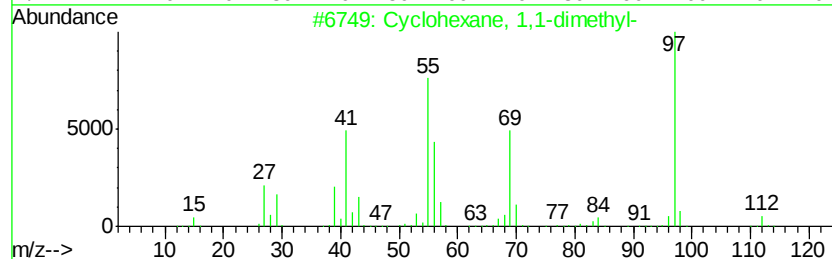
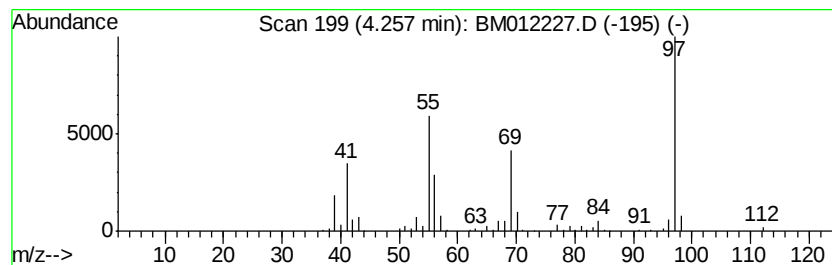
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic4.26 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	13.69 ng/ul	524471	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	83
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	70
4		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	70
5		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
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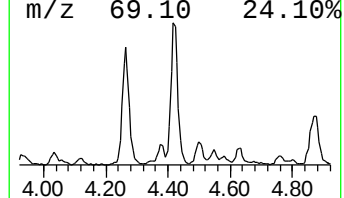
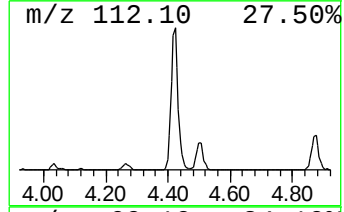
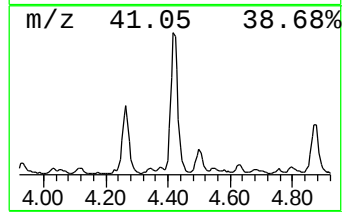
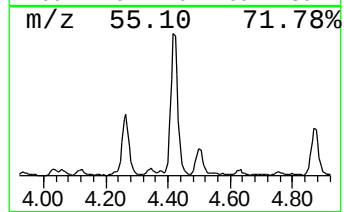
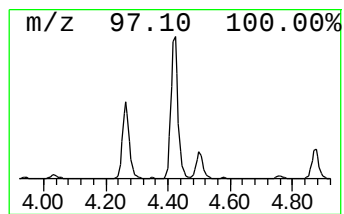
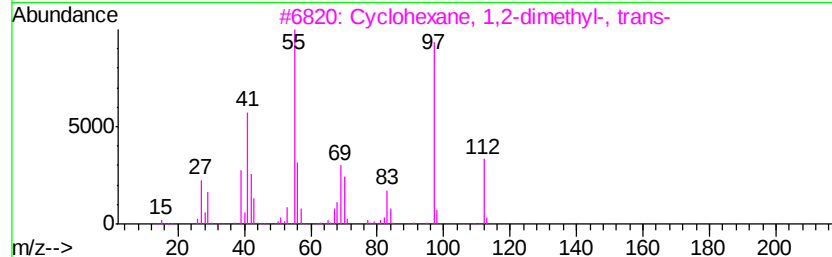
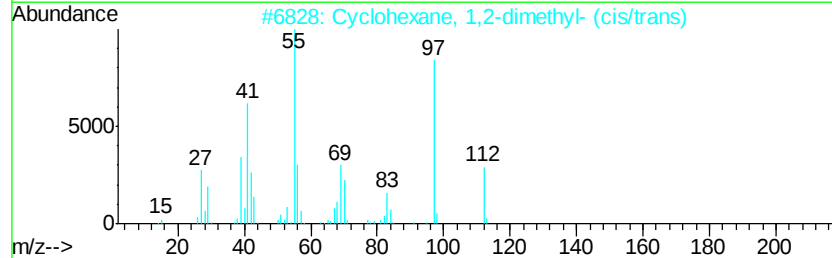
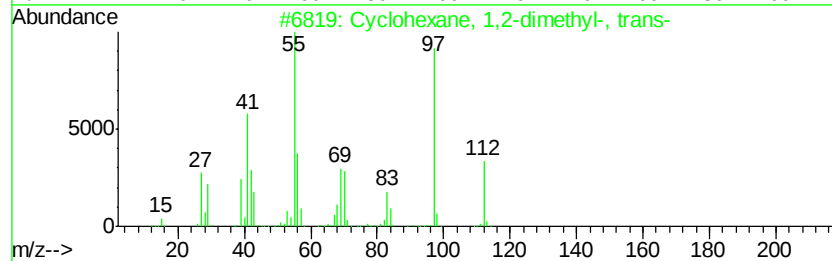
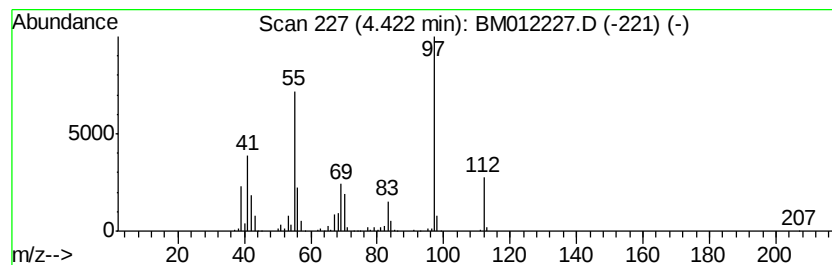
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic4.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	30.02 ng/ul	1150240	1,4-Dichlorobenzene-d4	7.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
4		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
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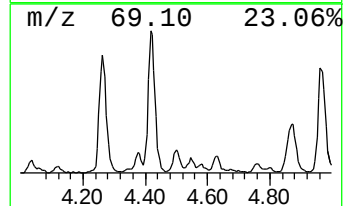
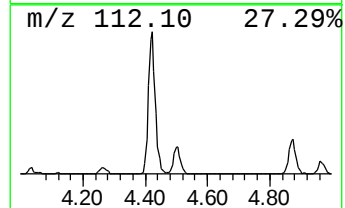
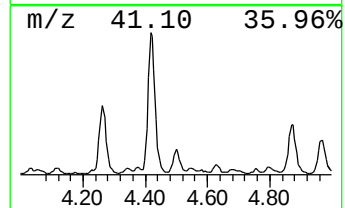
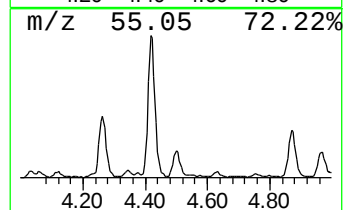
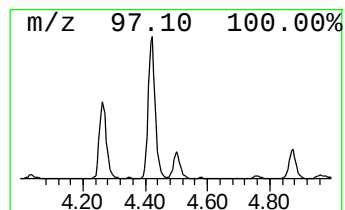
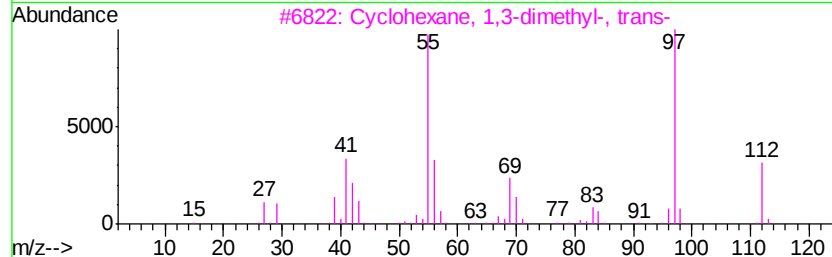
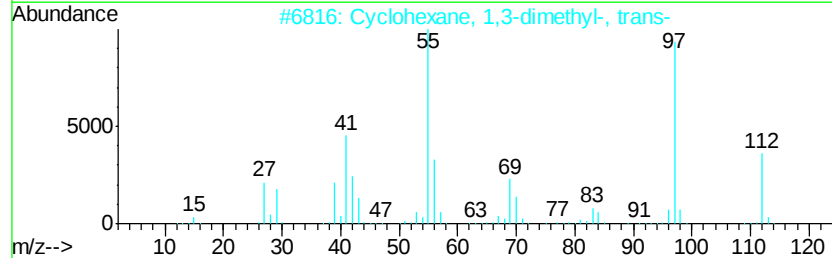
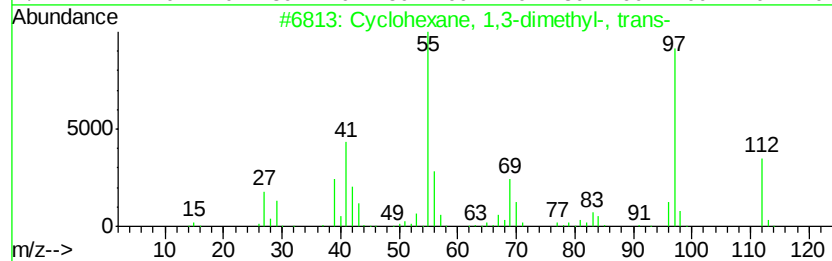
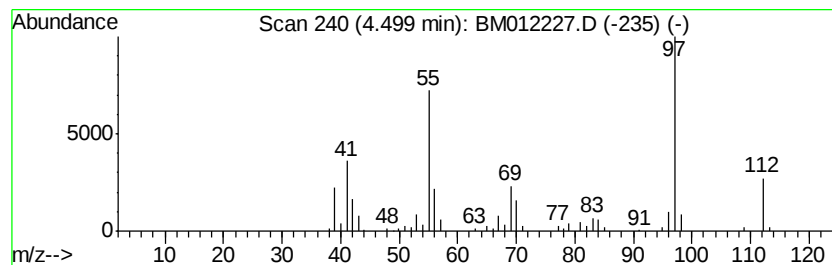
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic4.50 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	5.18 ng/ul	198333	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
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Misc :
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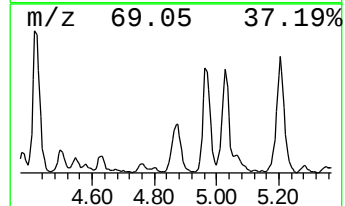
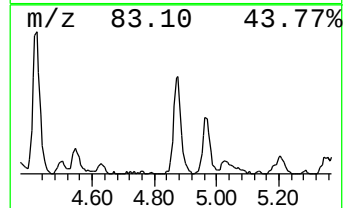
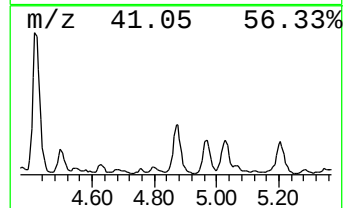
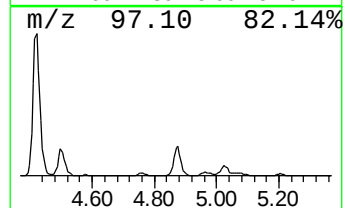
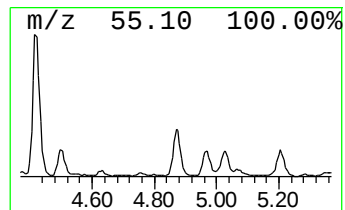
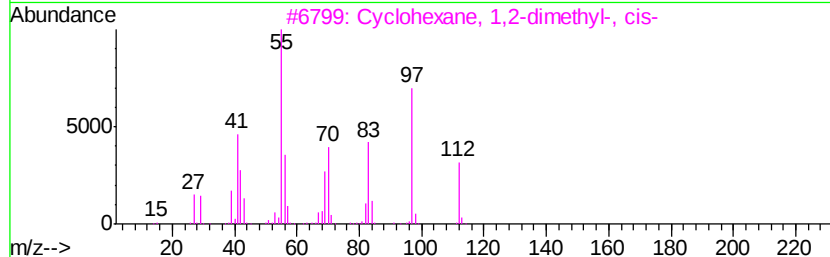
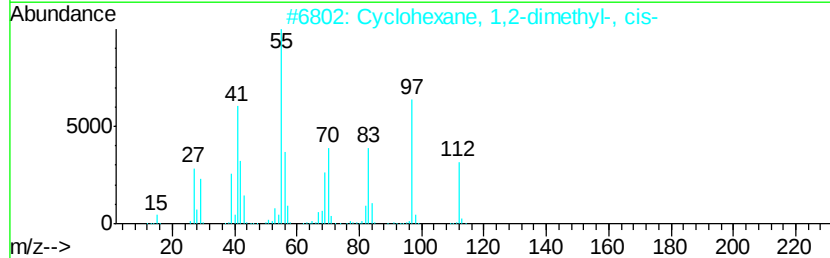
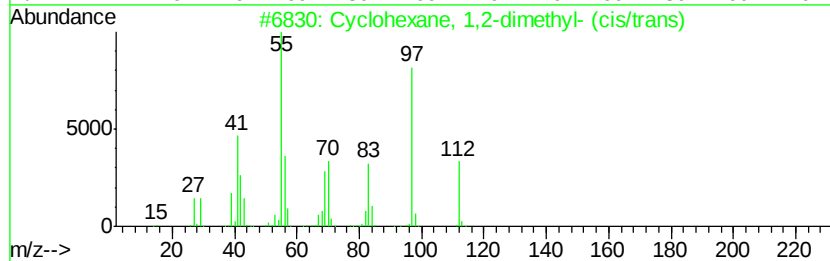
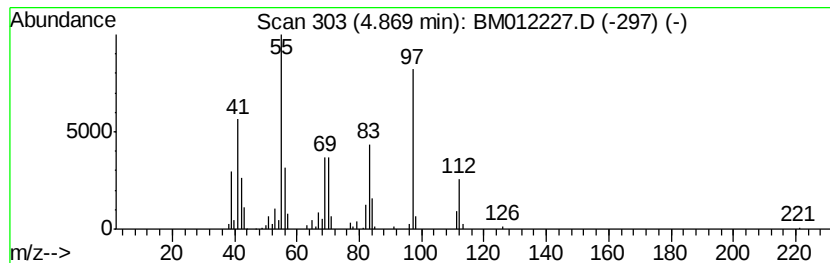
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic4.87 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	11.26 ng/ul	431358	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
3		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
4		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
5		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	76



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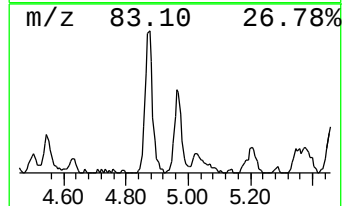
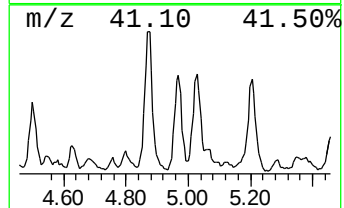
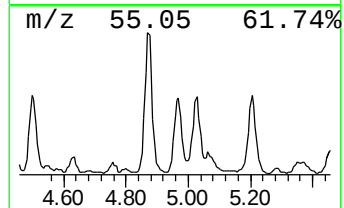
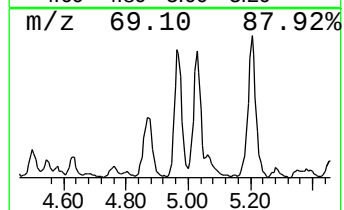
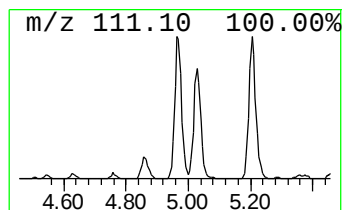
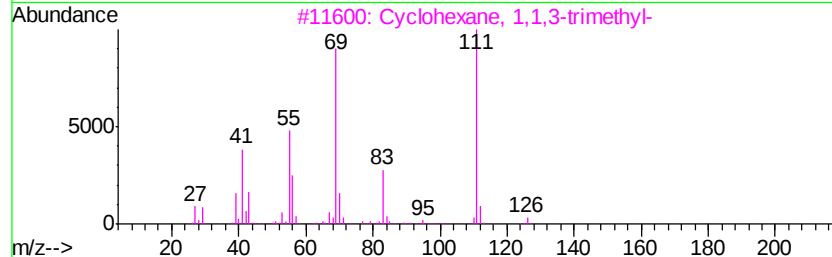
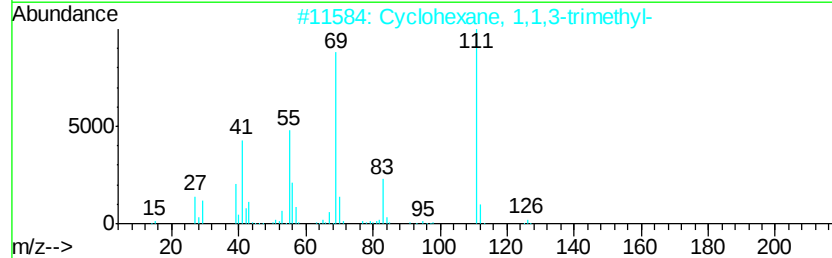
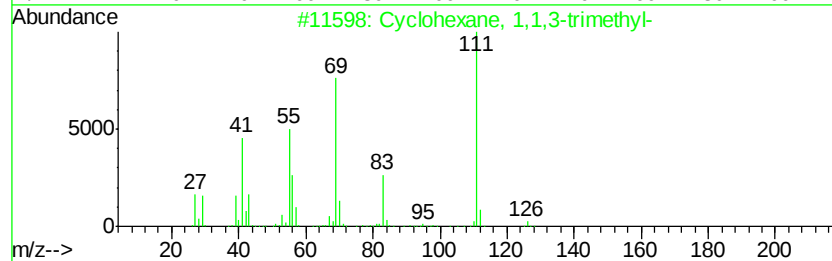
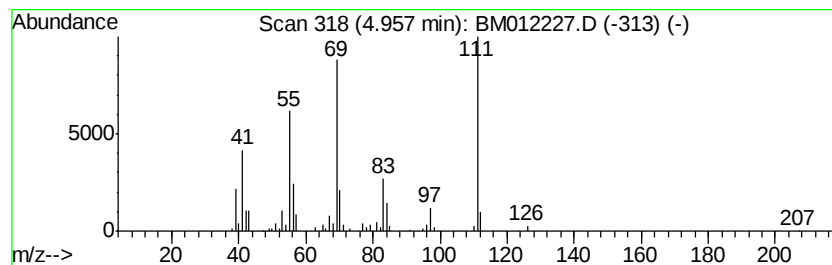
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic4.96 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	8.33 ng/ul	319255	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
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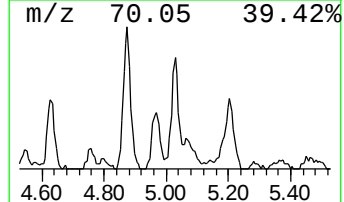
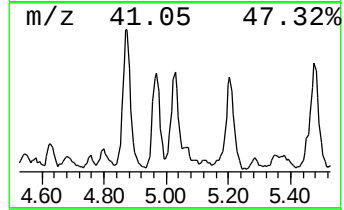
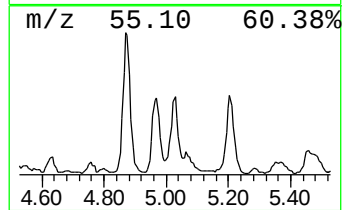
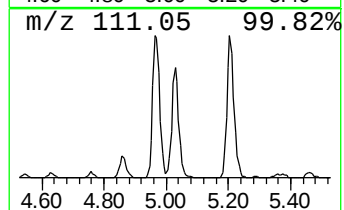
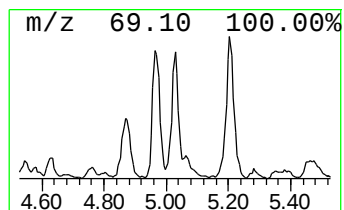
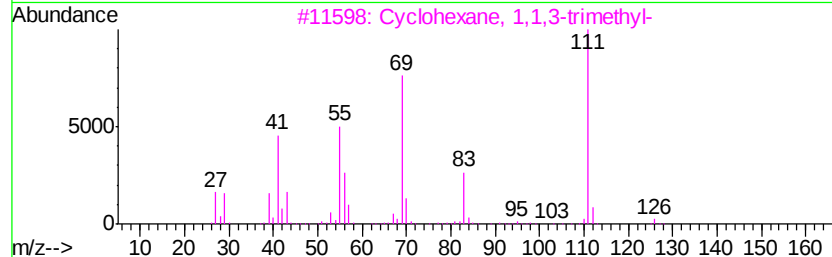
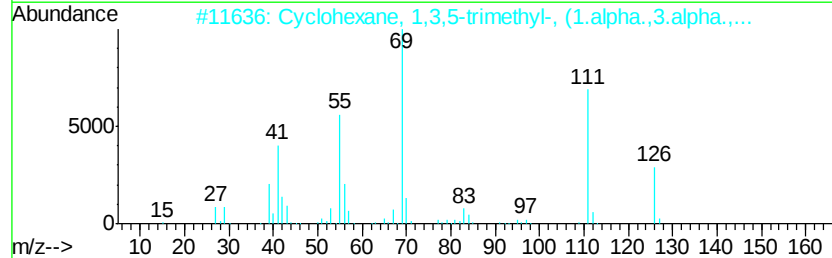
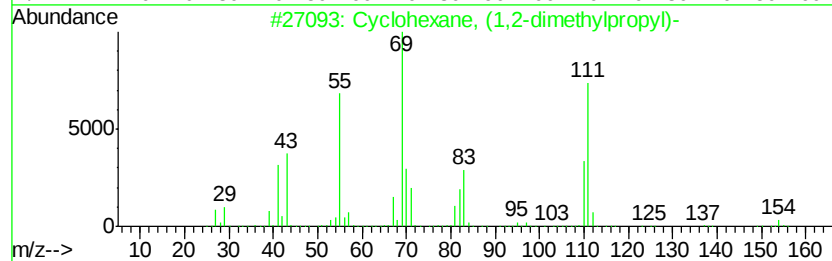
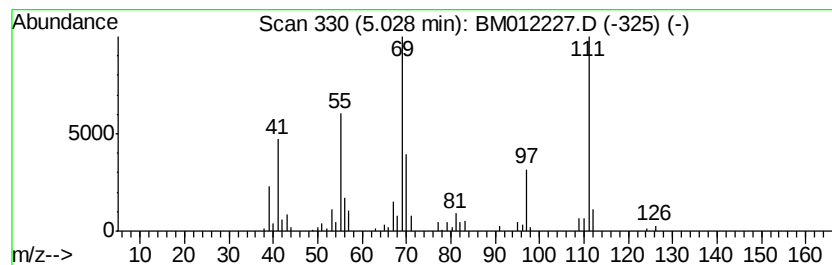
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic5.03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	6.79 ng/ul	260323	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	64
2			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	59
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
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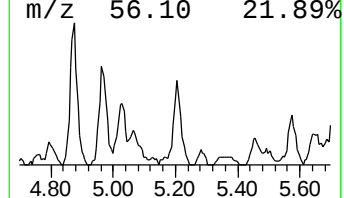
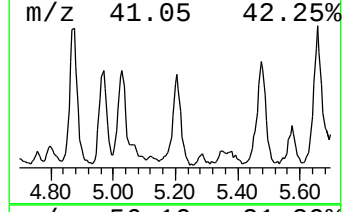
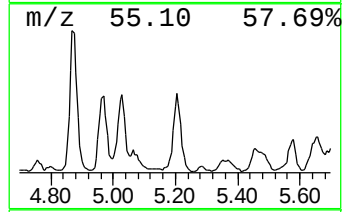
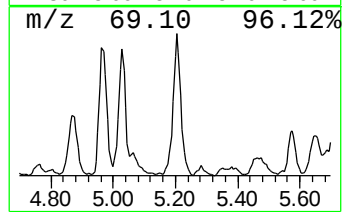
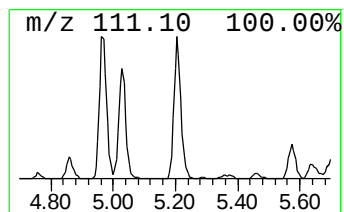
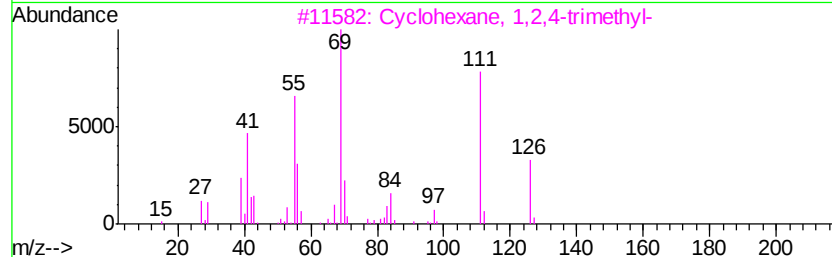
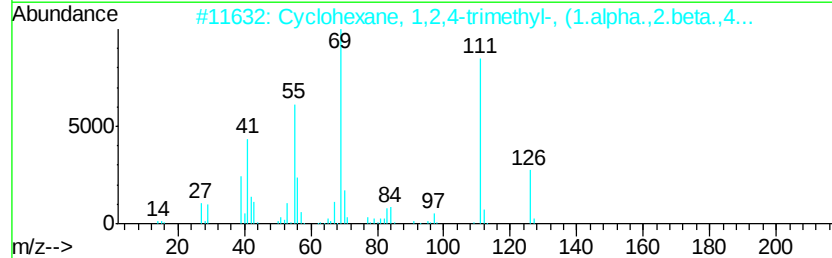
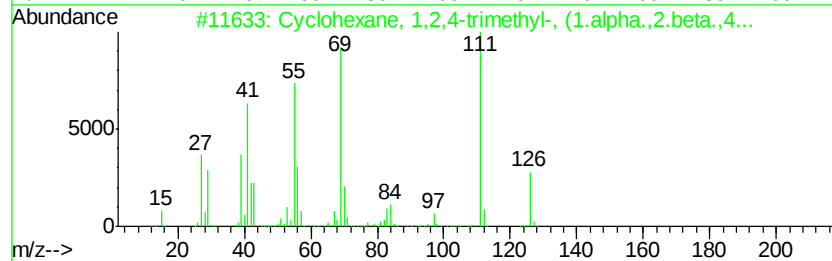
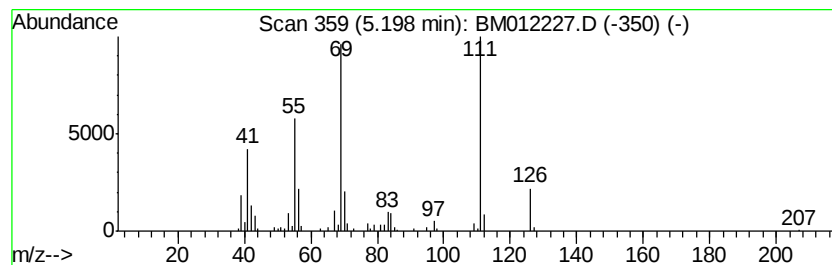
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic5.20 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	9.52 ng/ul	364948	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	95
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
Sample : I5871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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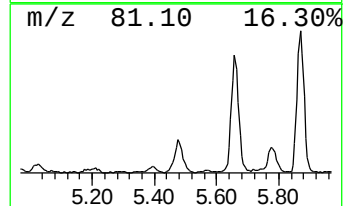
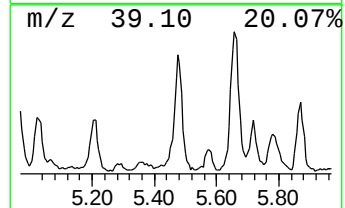
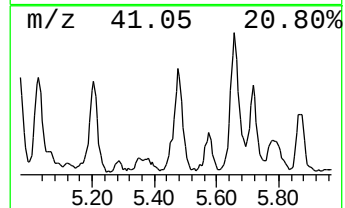
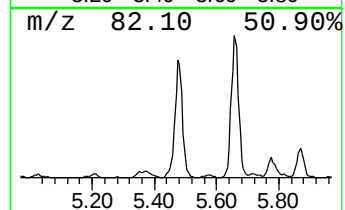
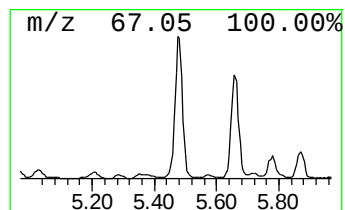
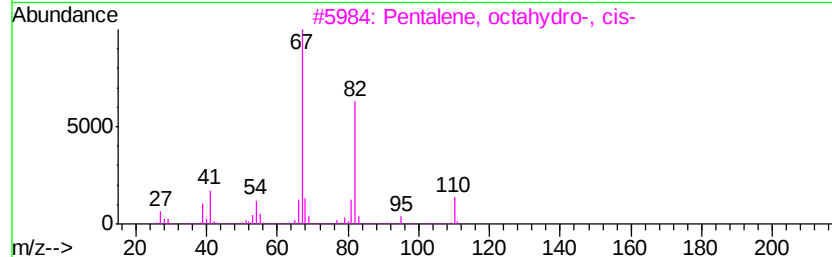
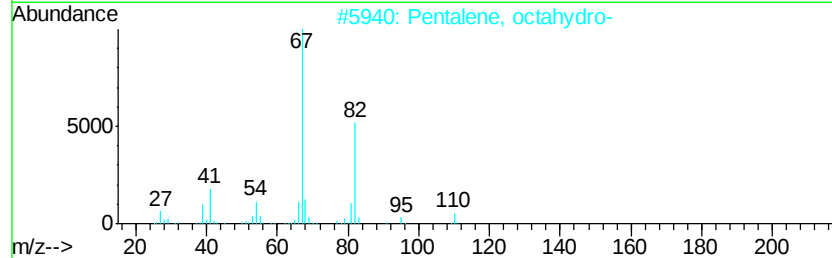
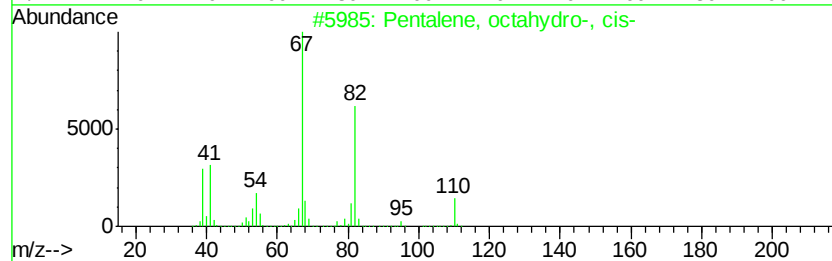
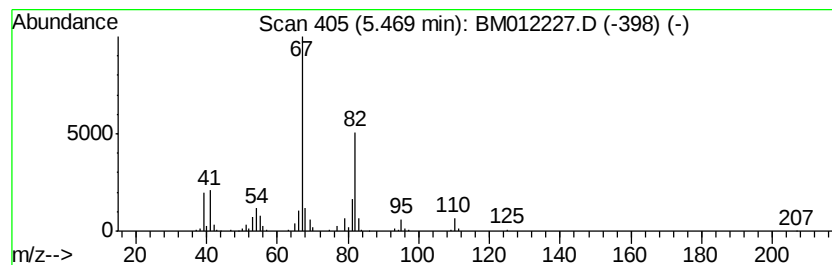
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Pentalene, octahydro-, cis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	13.83 ng/ul	529951	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
2		Pentalene, octahydro-	110	C8H14	000694-72-4	91
3		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
4		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	80
5		Cyclopentane, methylene-	82	C6H10	001528-30-9	72



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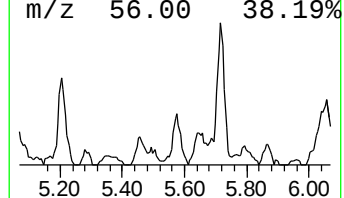
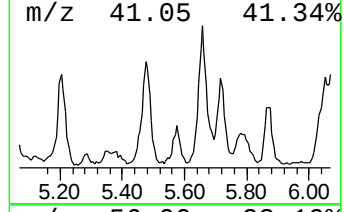
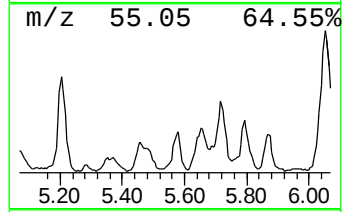
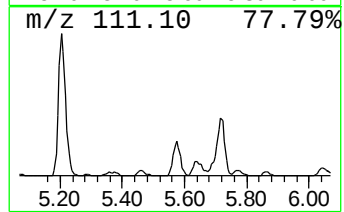
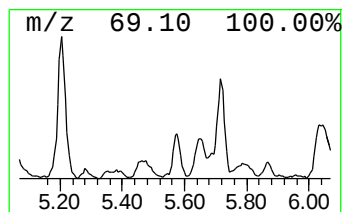
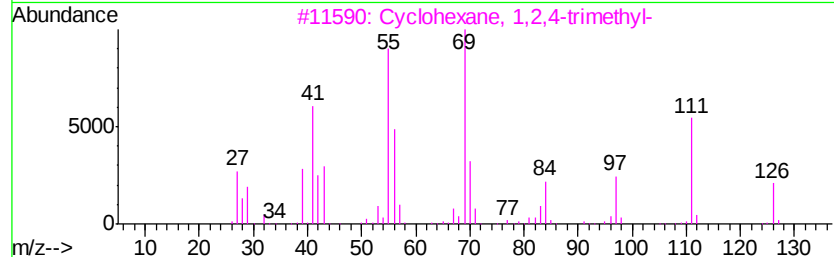
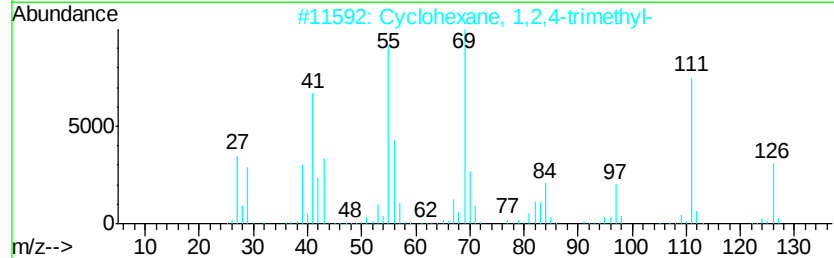
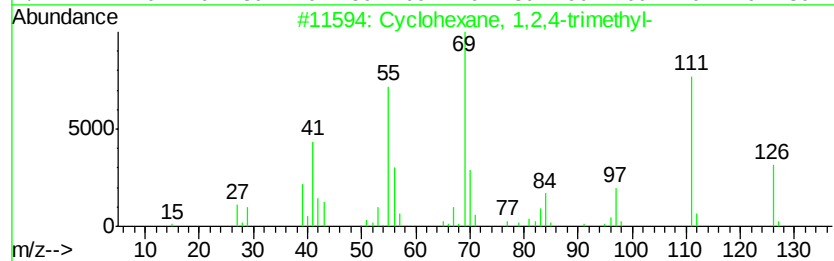
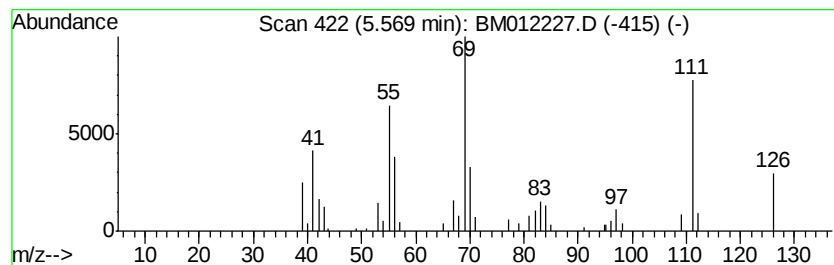
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic5.57 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	3.31 ng/ul	126736	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	94
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	80
4			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	76
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76



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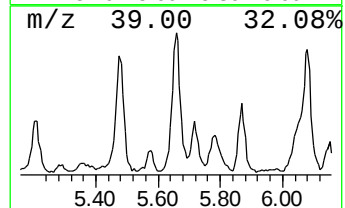
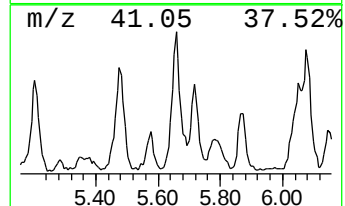
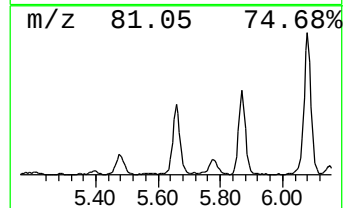
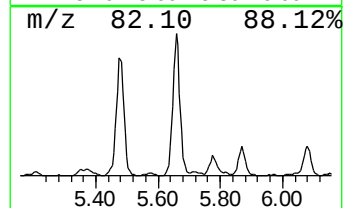
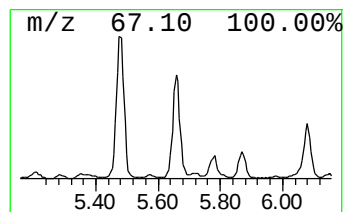
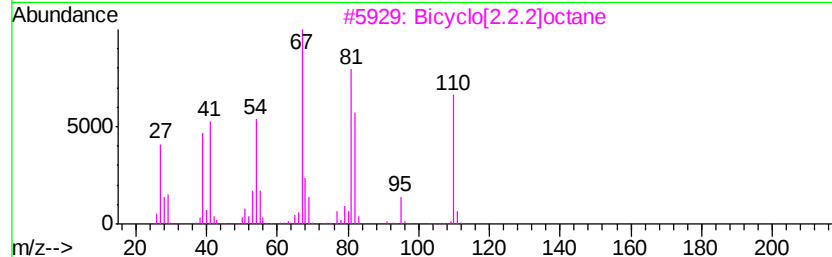
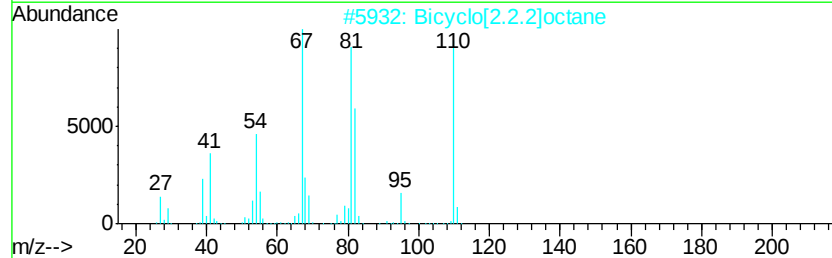
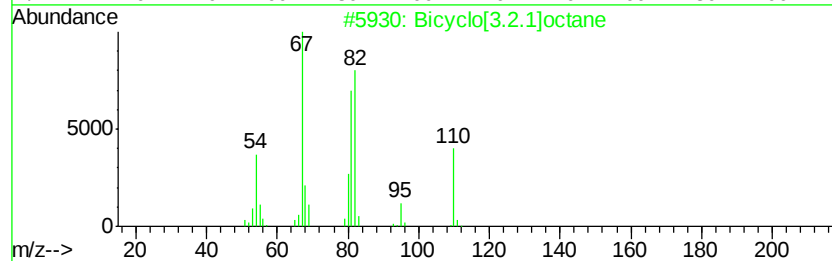
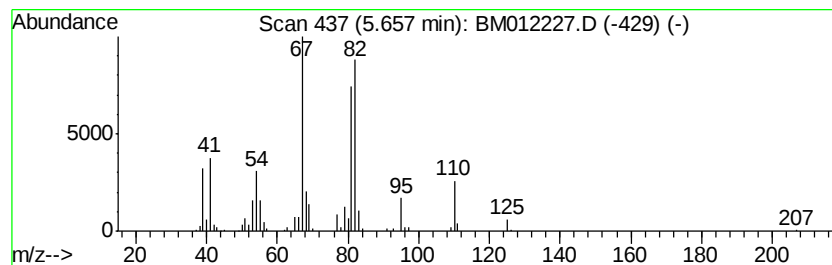
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Bicyclo[3.2.1]octane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	17.63 ng/ul	675467	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	91
2		Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	81
3		Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	81
4		Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	80
5		Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	76



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Data File : BM012227.D
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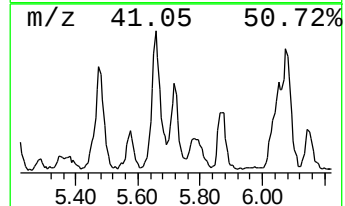
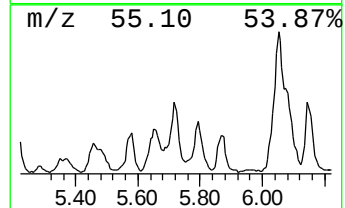
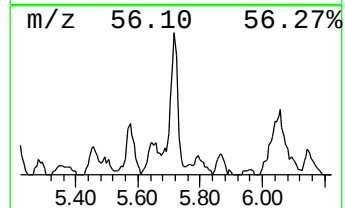
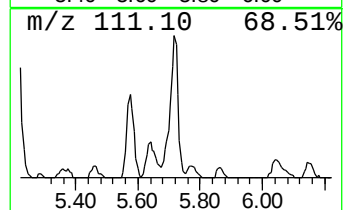
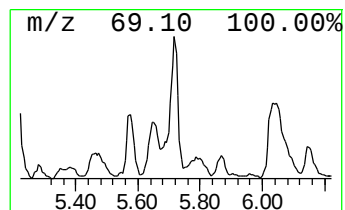
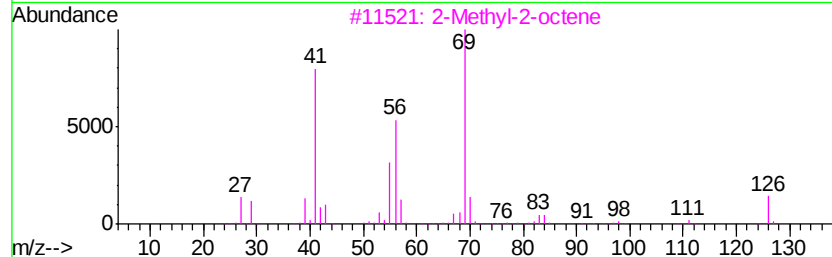
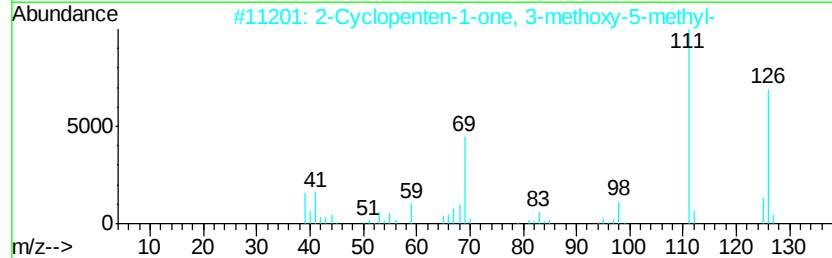
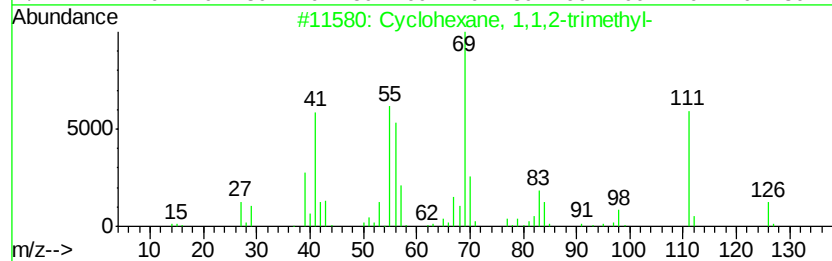
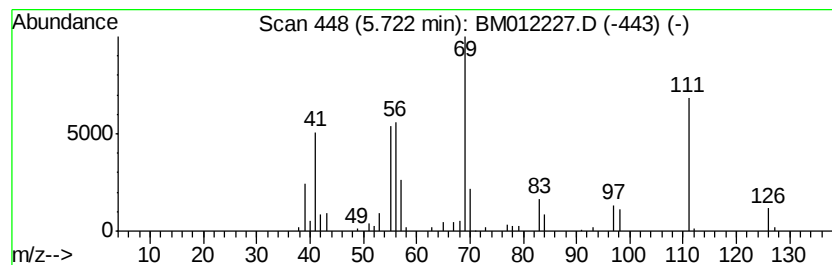
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic5.72 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	6.88 ng/ul	263532	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	94
2			2-Cyclopenten-1-one, 3-methoxy-5...	126	C7H10O2	007180-60-1	53
3			2-Methyl-2-octene	126	C9H18	016993-86-5	52
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
5			1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46



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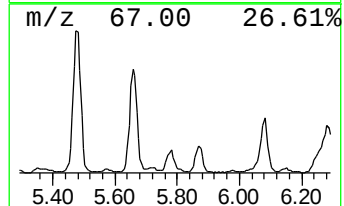
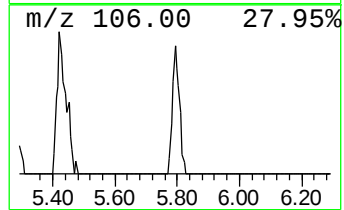
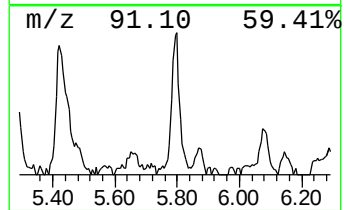
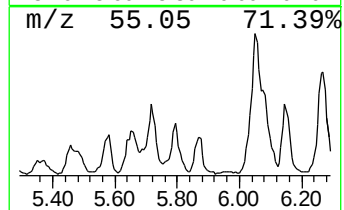
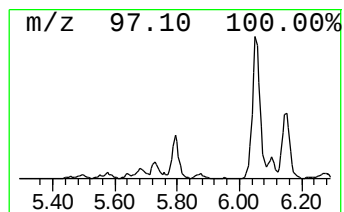
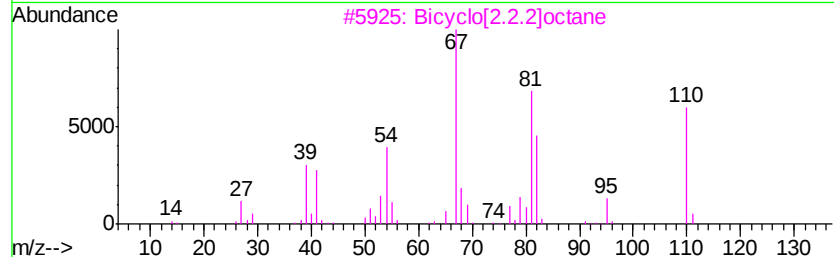
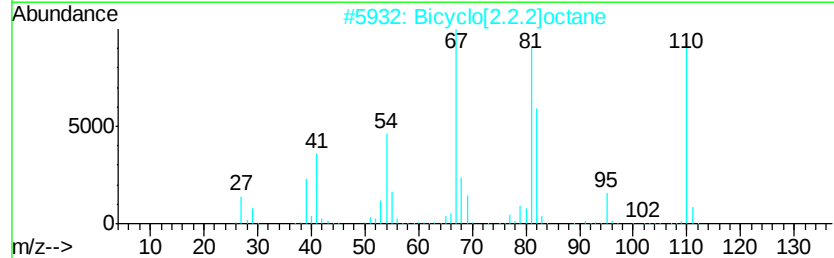
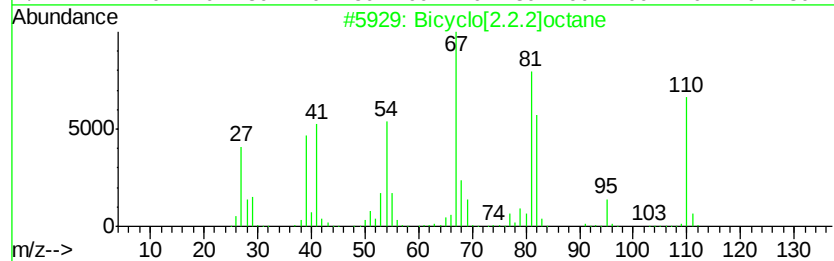
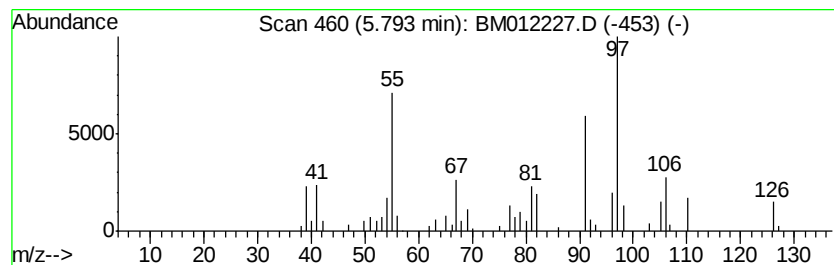
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Bicyclo[2.2.2]octane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	7.05 ng/ul	270297	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	50
2		Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	43
3		Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	38
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	30
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
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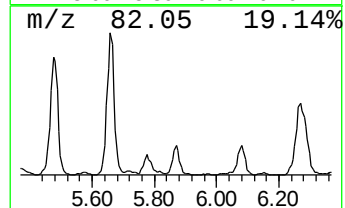
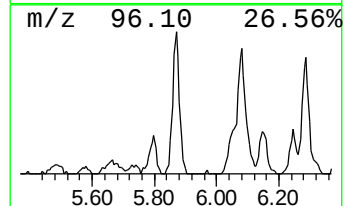
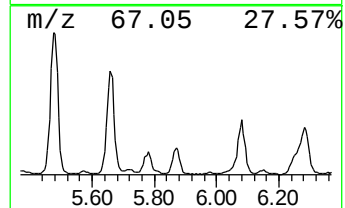
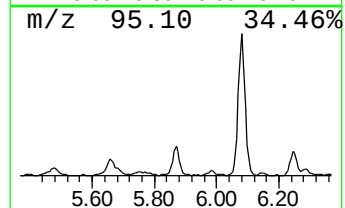
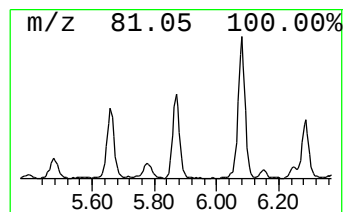
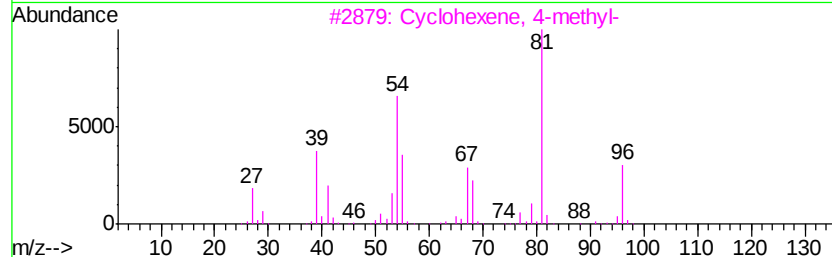
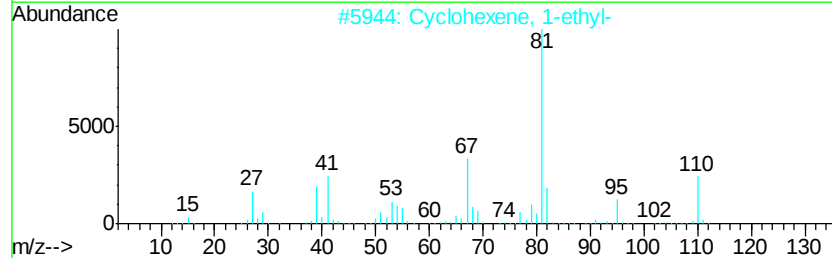
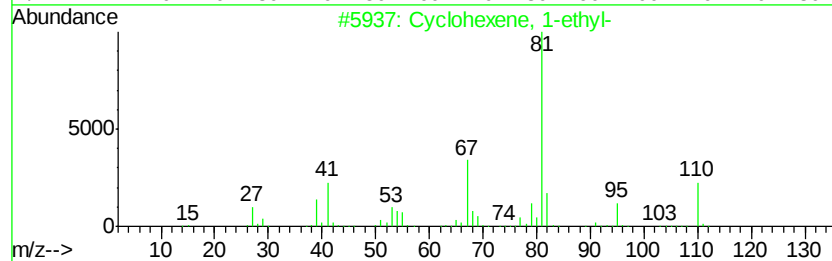
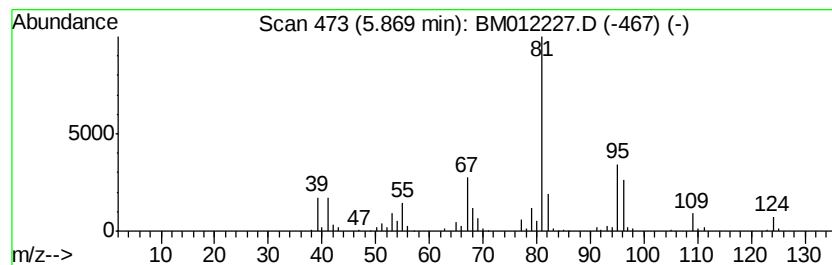
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclohexene, 1-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	8.81 ng/ul	337674	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	64
2			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	64
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	58
4			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	53
5			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	53



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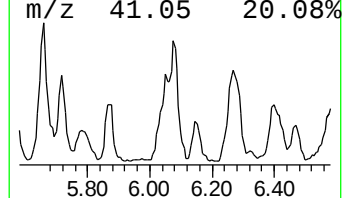
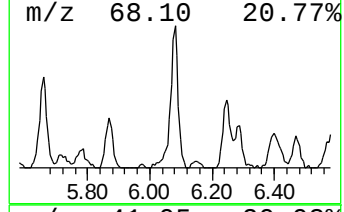
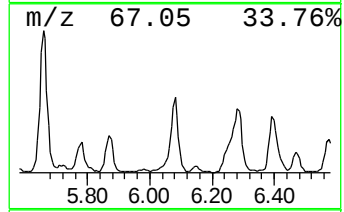
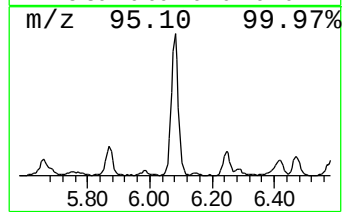
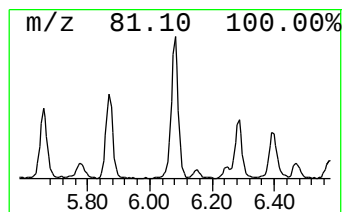
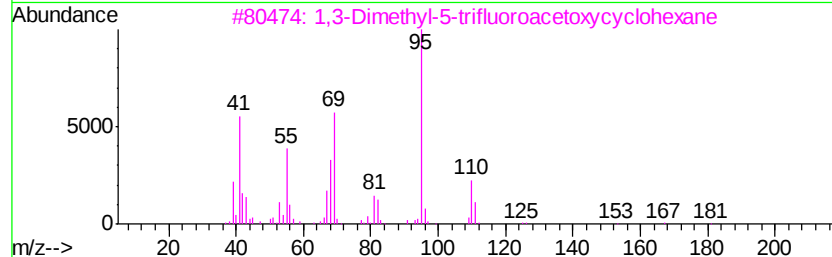
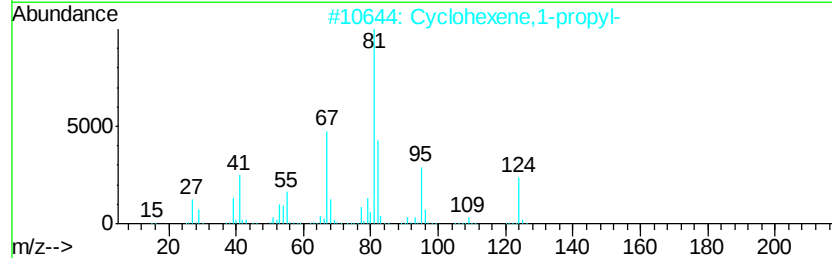
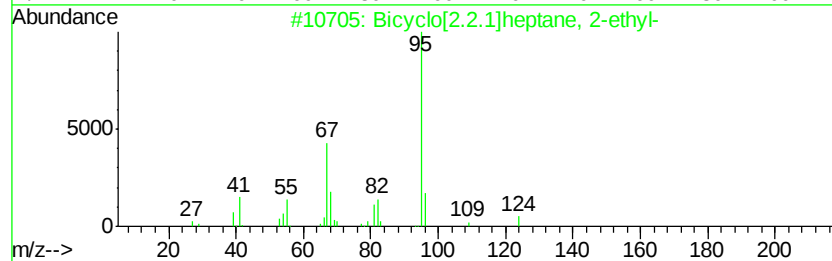
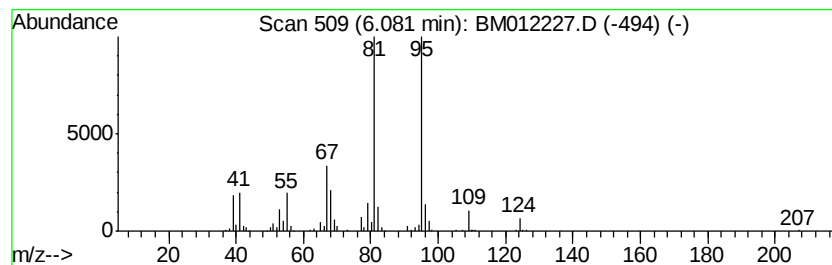
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	27.10 ng/ul	1038290	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	49
2		Cyclohexene,1-propyl-	124	C9H16	002539-75-5	49
3		1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	47
4		2-Nonyne	124	C9H16	019447-29-1	47
5		2-Nonyne	124	C9H16	019447-29-1	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
Sample : I5871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-13

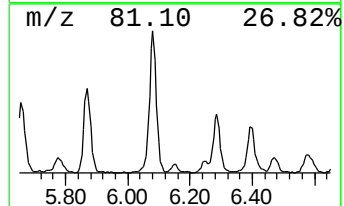
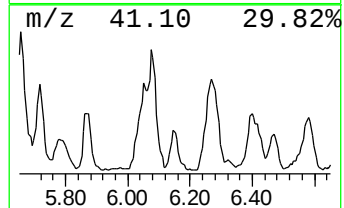
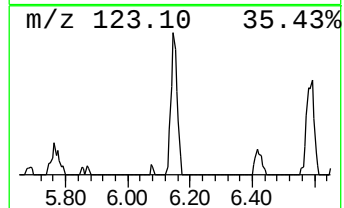
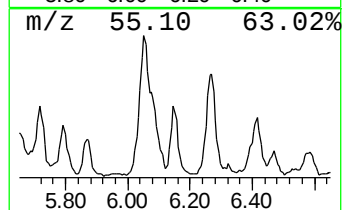
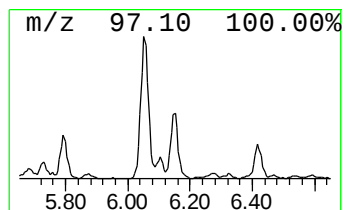
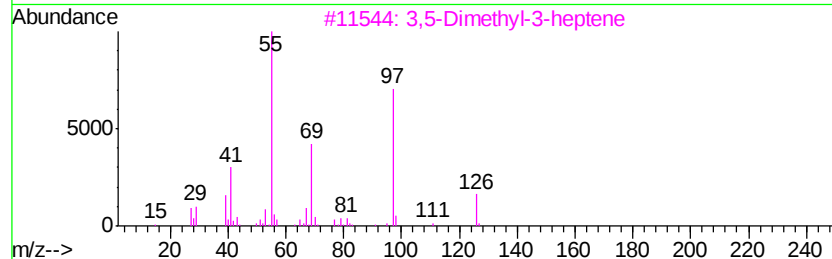
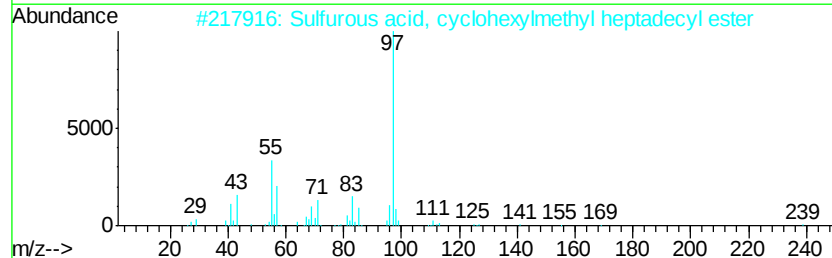
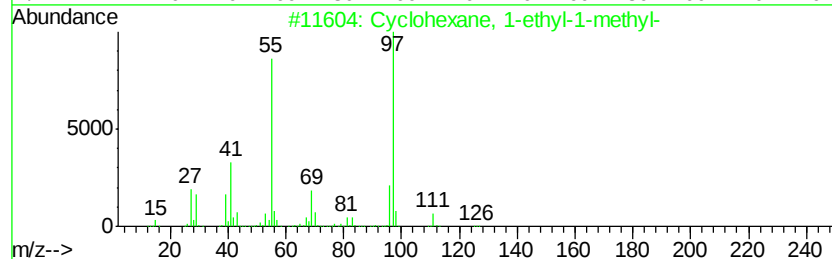
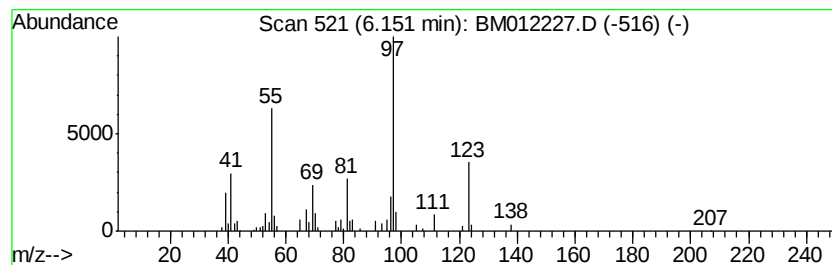
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic6.15 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	4.72 ng/ul	180791	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
2			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	50
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
5			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
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ClientSampleId :
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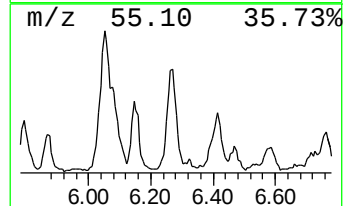
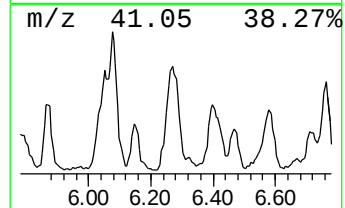
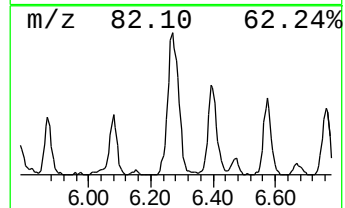
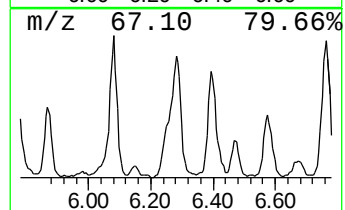
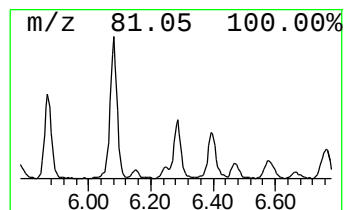
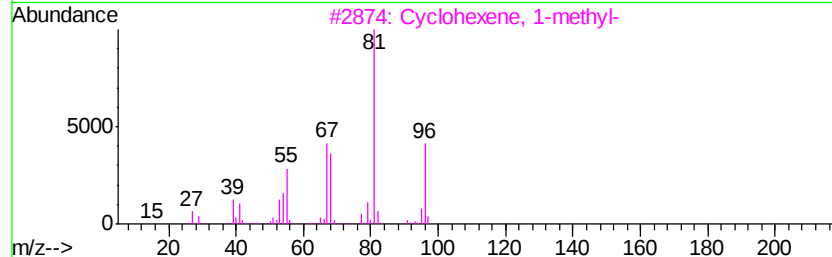
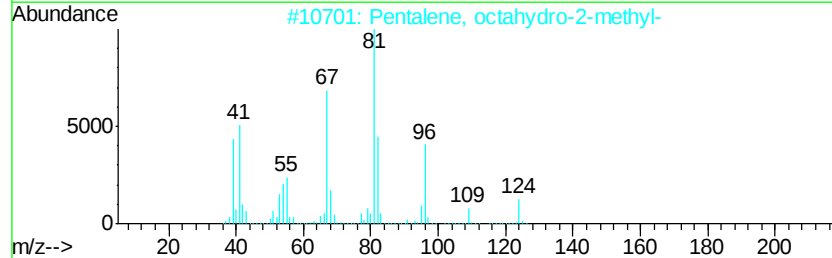
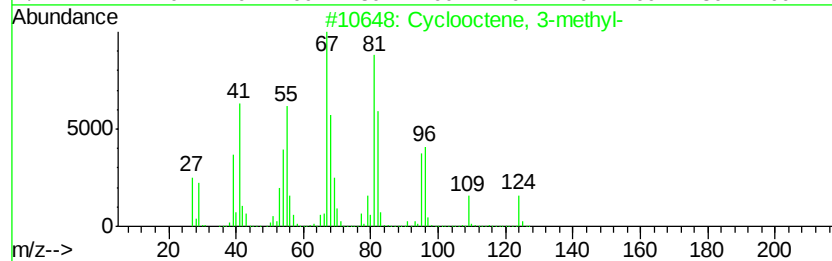
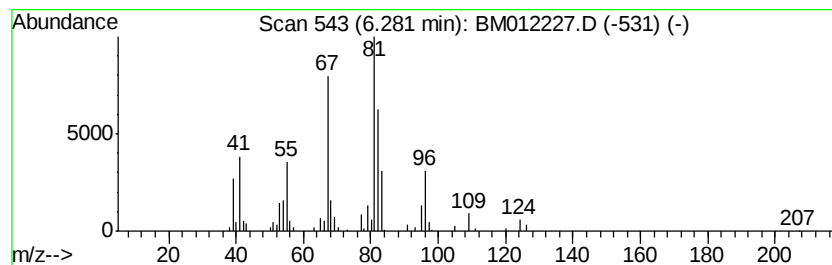
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Cyclooctene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	16.72 ng/ul	640817	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	83
2		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
3		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
4		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	43
5		1-Cyclobutanone, 2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
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Misc :
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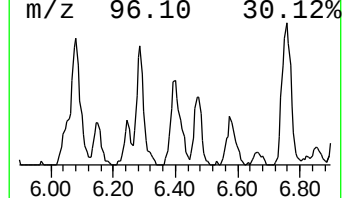
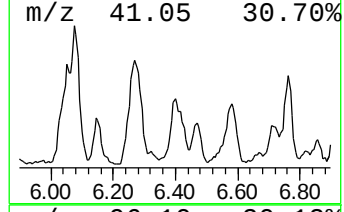
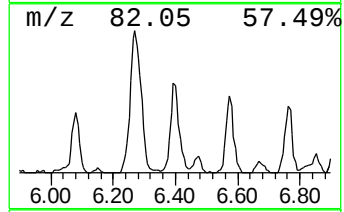
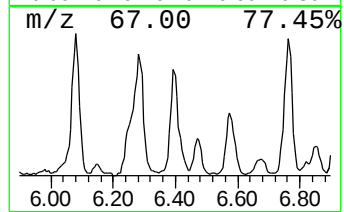
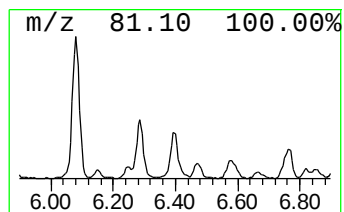
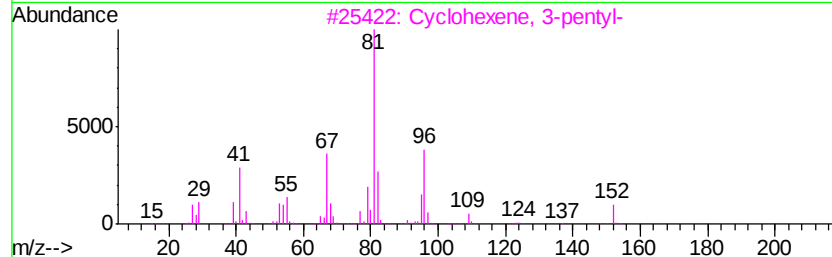
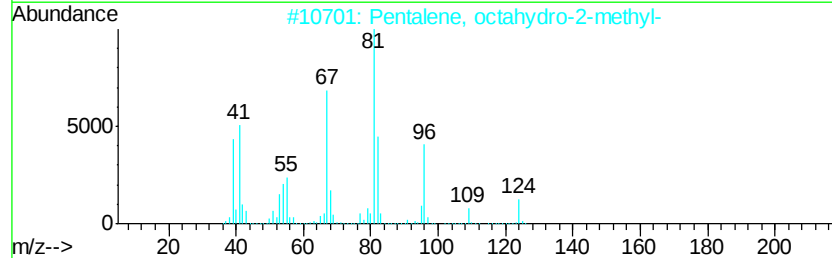
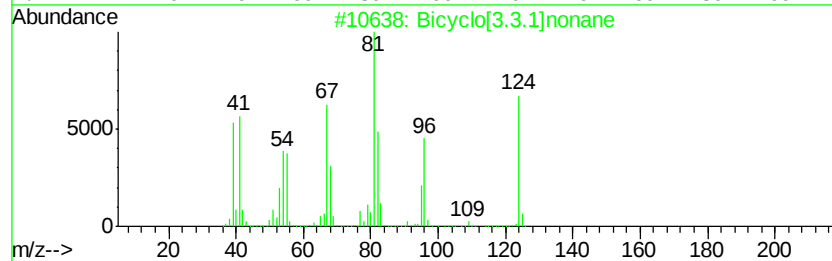
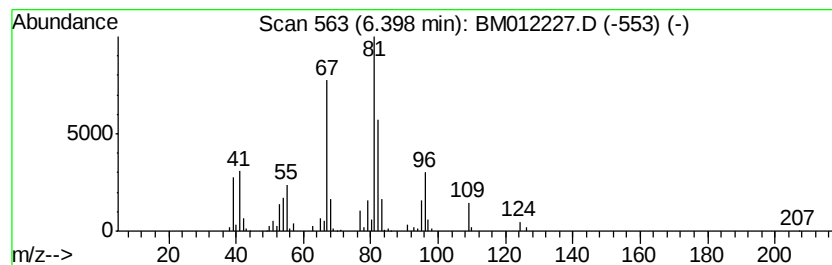
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Bicyclo[3.3.1]nonane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	10.24 ng/ul	392538	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	72
2		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
3		Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	47
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43
5		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
Sample : I5871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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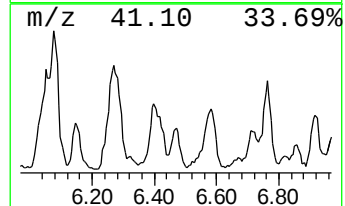
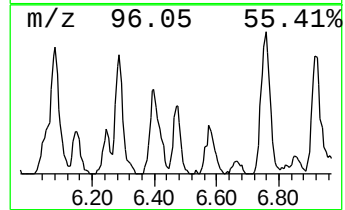
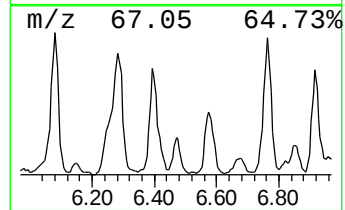
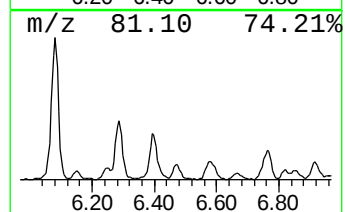
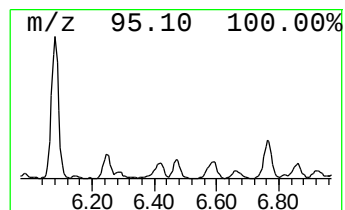
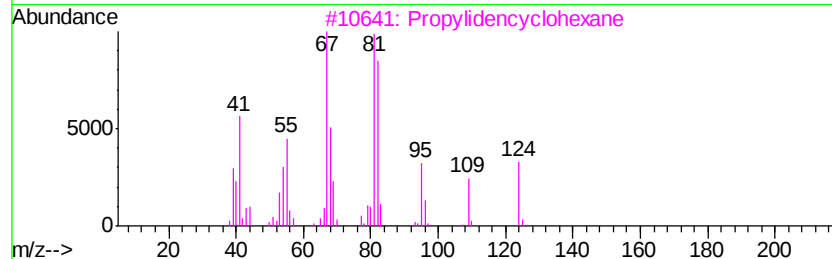
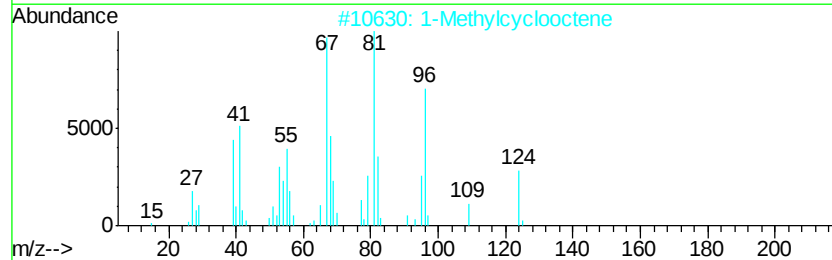
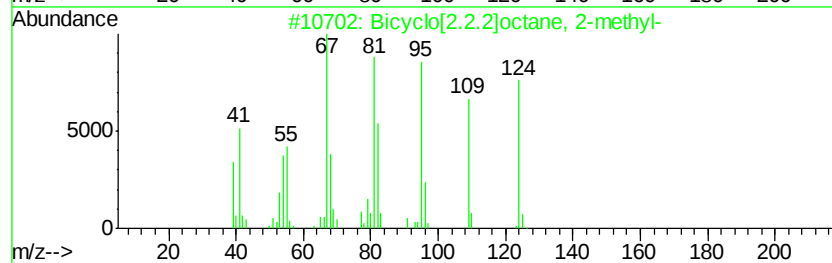
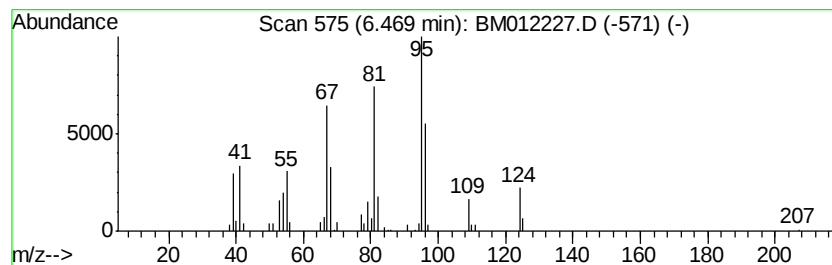
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	3.88 ng/ul	148851	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	83
2		1-Methylcyclooctene	124	C9H16	000933-11-9	62
3		Propylidencyclohexane	124	C9H16	002129-93-3	58
4		1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	53
5		4-Nonyne	124	C9H16	020184-91-2	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
Sample : I5871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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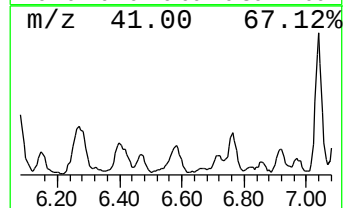
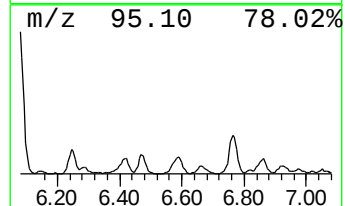
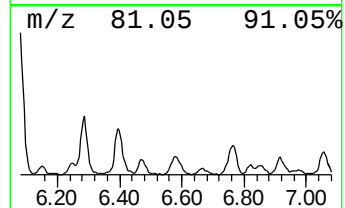
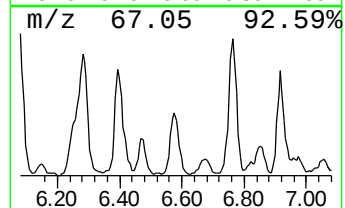
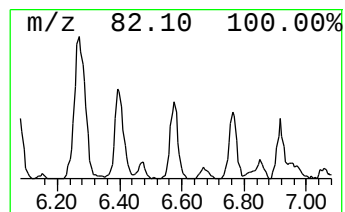
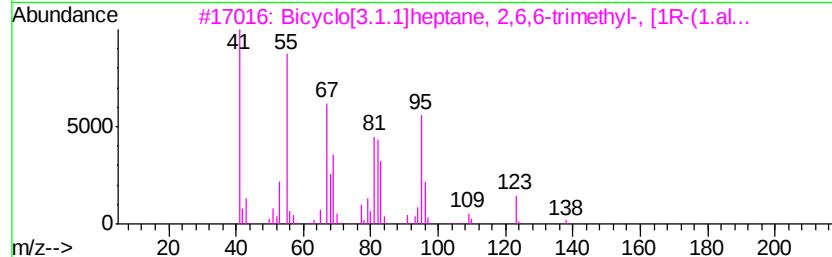
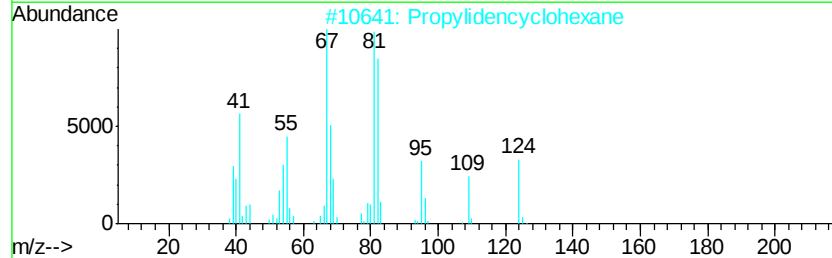
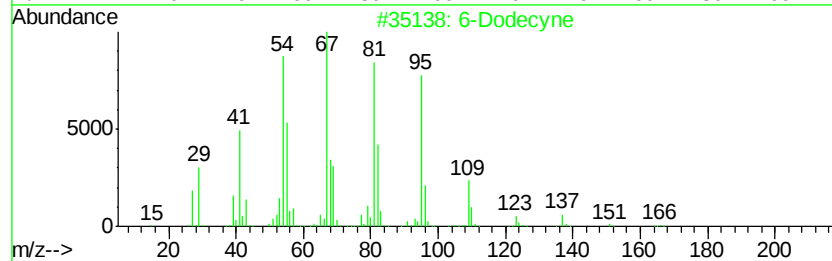
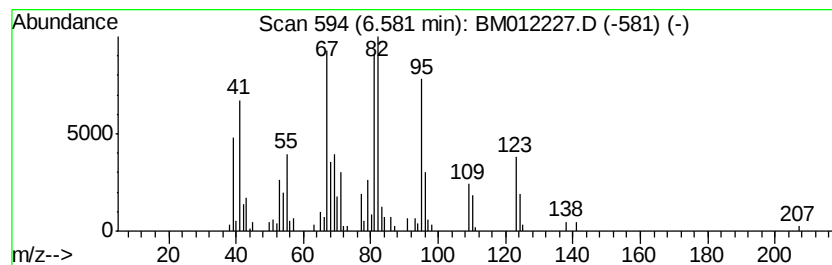
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 6-Dodecyne Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	8.61 ng/ul	329778	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Dodecyne	166	C12H22	006975-99-1	64
2			Propylidencyclohexane	124	C9H16	002129-93-3	60
3			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	58
4			1-Methylcyclooctene	124	C9H16	000933-11-9	50
5			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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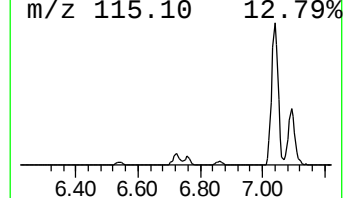
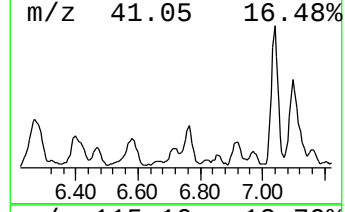
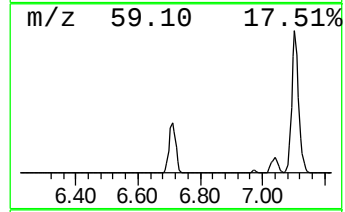
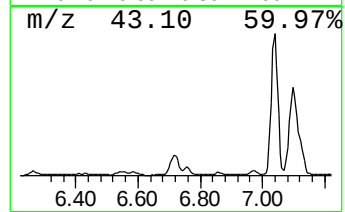
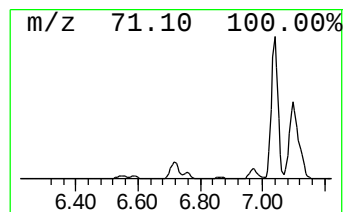
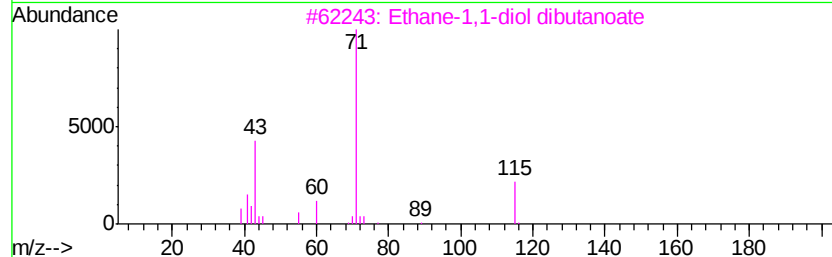
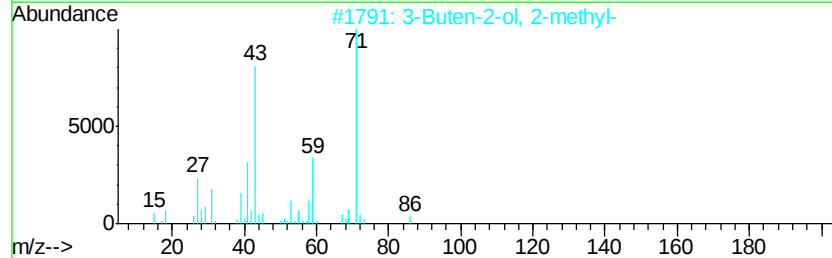
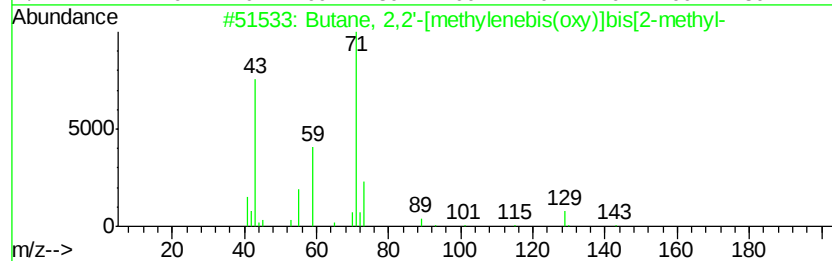
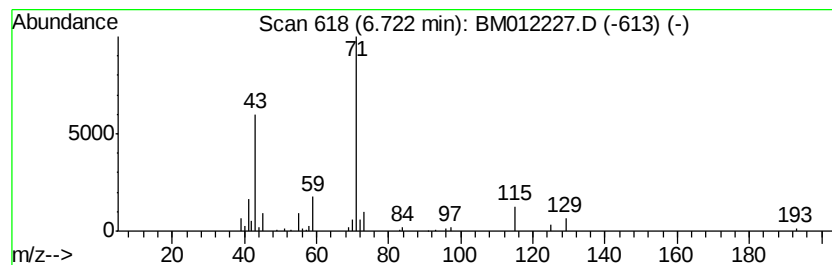
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Quant Title : SVOA CALIBRATION

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.
6.72	3.89 ng/ul	148960	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,2'-[methylenebis(oxy)]...	188	C11H24O2	054699-28-4	47
2		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	42
3		Ethane-1,1-diol dibutanoate	202	C10H18O4	025572-25-2	42
4		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	42
5		Isobutyric acid, 2,2,2-trichloro...	218	C6H9Cl3O2	1000354-63-4	40



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Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampled :
TWP-B-13

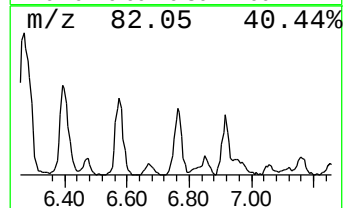
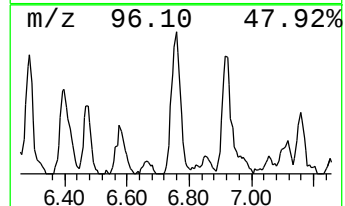
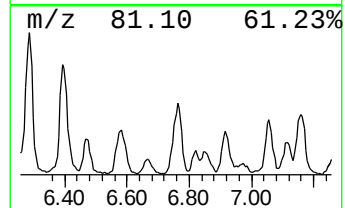
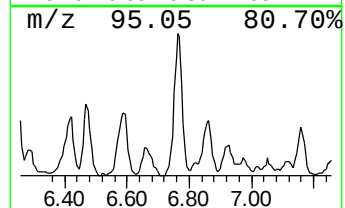
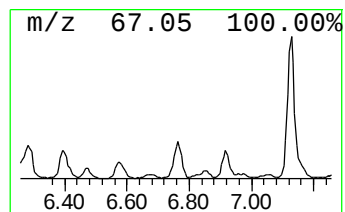
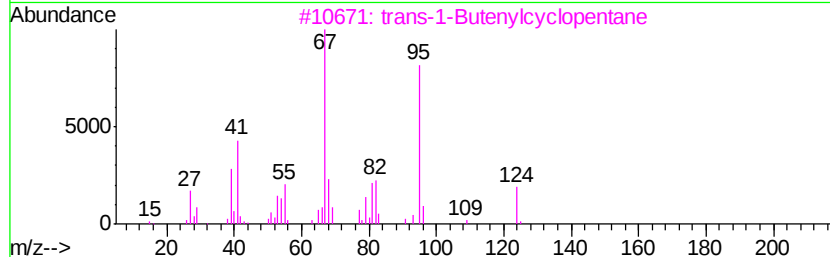
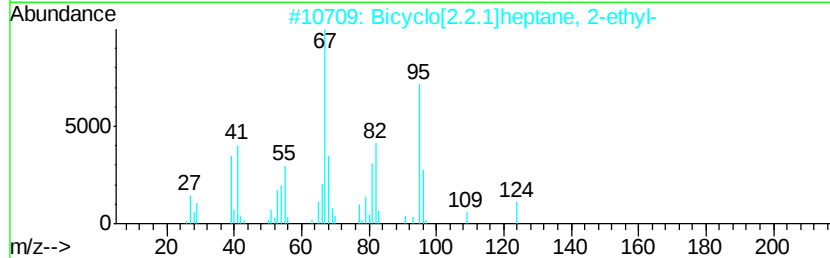
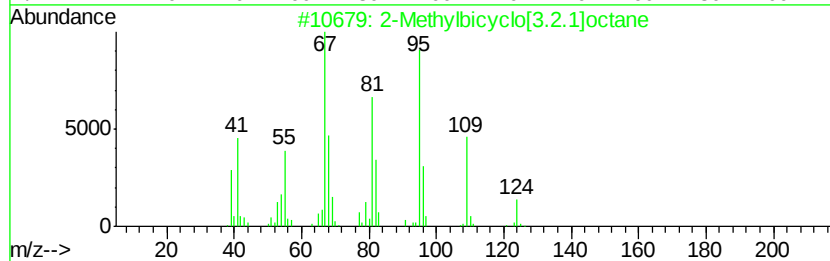
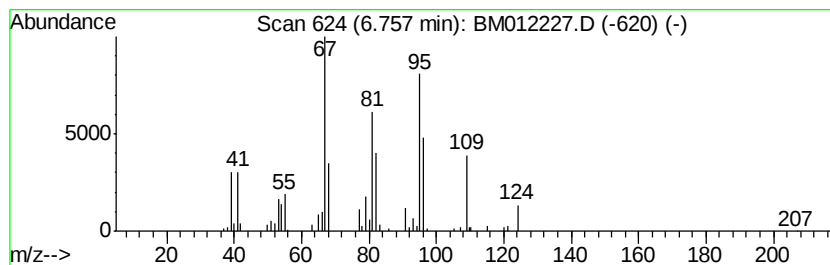
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 2-Methylbicyclo[3.2.1]octane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	10.12 ng/ul	387859	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	87
2		Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	81
3		trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	62
4		cis-1,4-Dimethyl-2-methylenecycl...	124	C9H16	019781-46-5	49
5		3-Octyne, 2-methyl-	124	C9H16	055402-15-8	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
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ClientSampleId :
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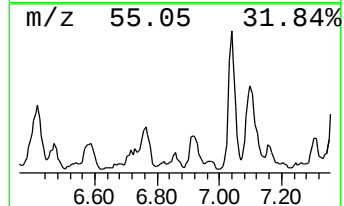
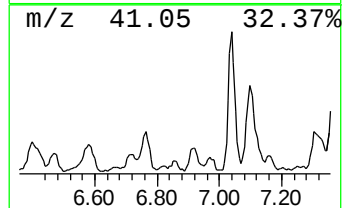
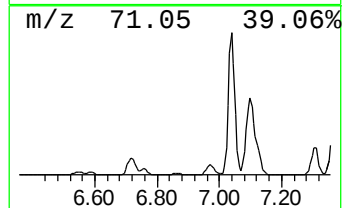
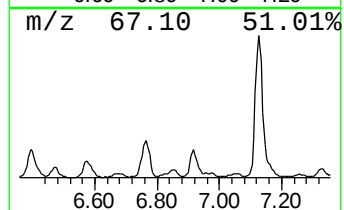
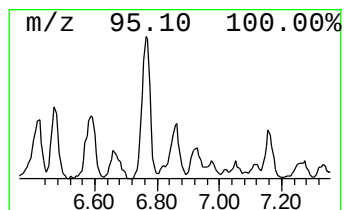
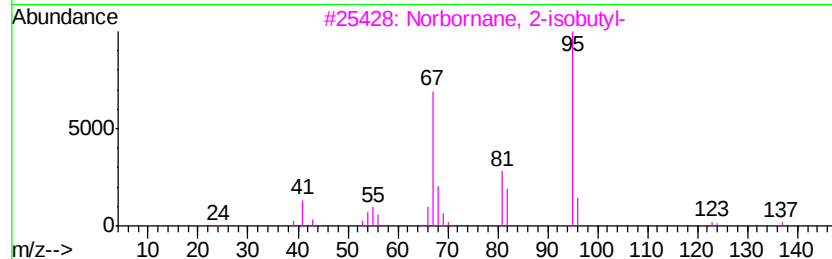
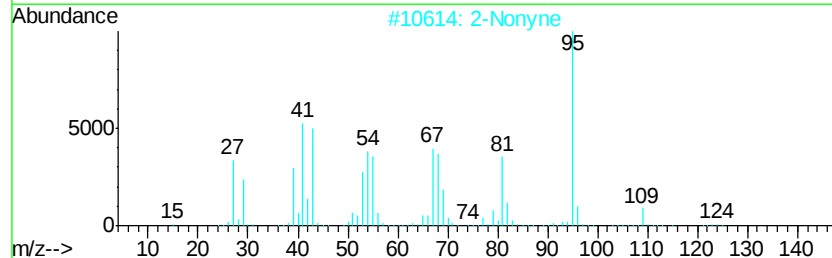
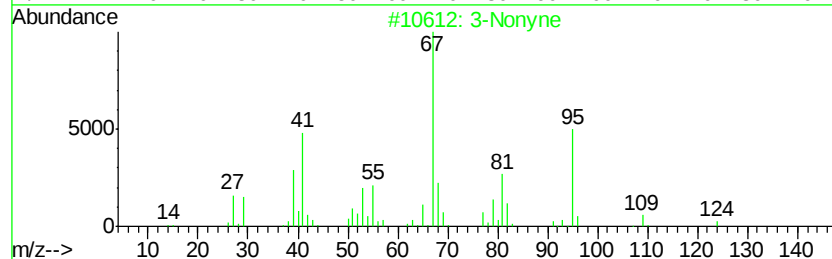
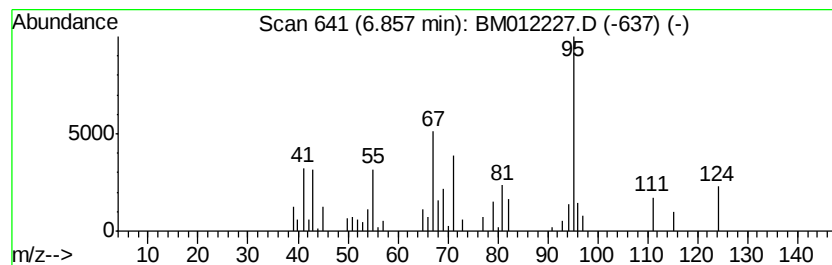
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-03 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.78 ng/ul	106452	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonyne		124	C9H16	020184-89-8	47
2	2-Nonyne		124	C9H16	019447-29-1	47
3	Norbornane, 2-isobutyl-		152	C11H20	018127-14-5	47
4	Bicyclo[2.2.1]heptane, 2-ethyl-		124	C9H16	002146-41-0	47
5	2(1H)-Pyridinone		95	C5H5NO	000142-08-5	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
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Misc :
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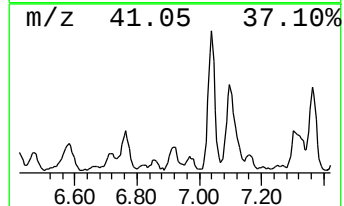
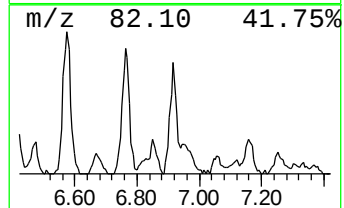
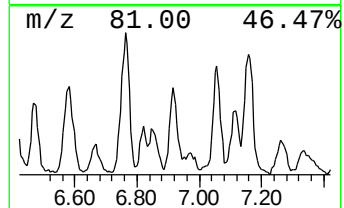
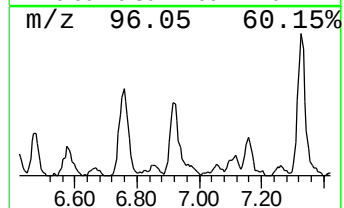
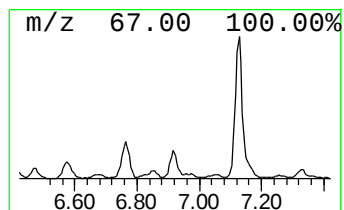
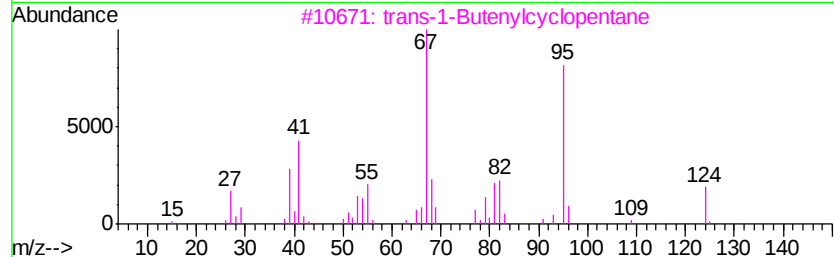
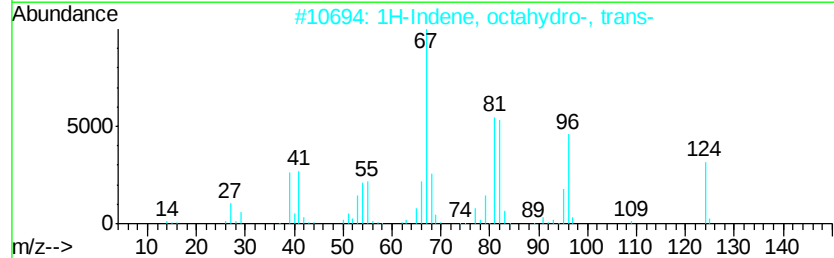
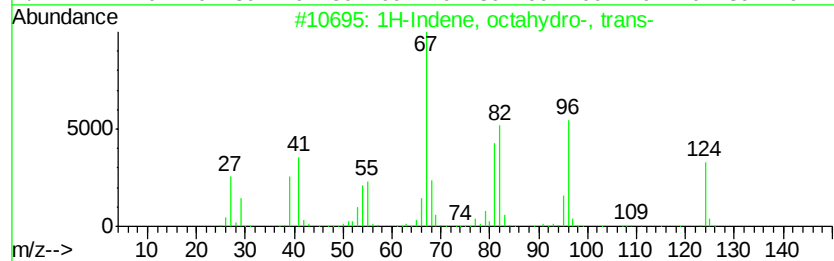
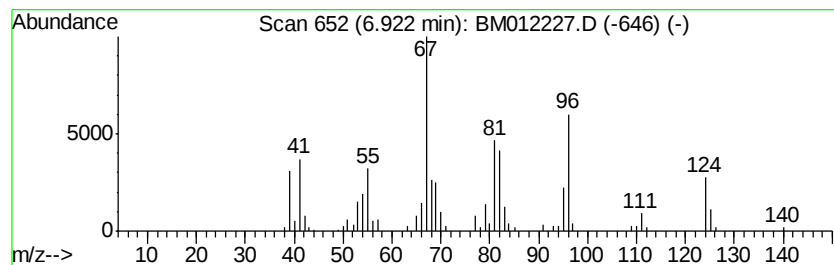
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 1H-Indene, octahydro-, trans- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	6.41 ng/ul	245684	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	94
2		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	64
3		trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	52
4		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	52
5		Cyclopentene, 1-butyl-	124	C9H16	002423-01-0	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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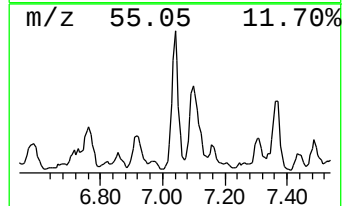
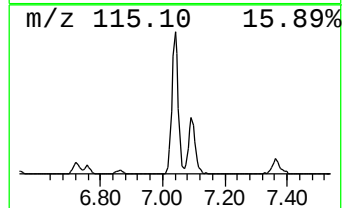
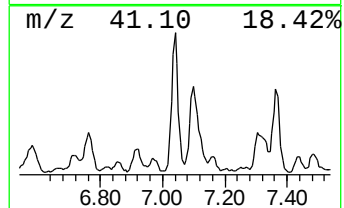
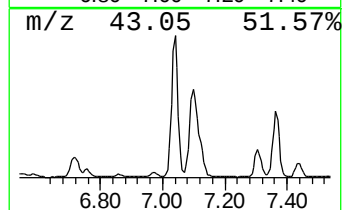
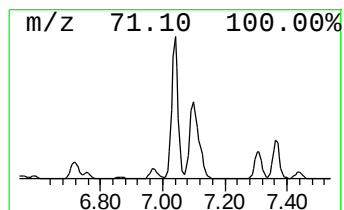
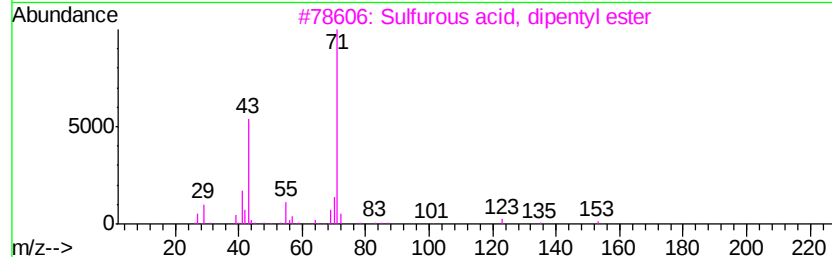
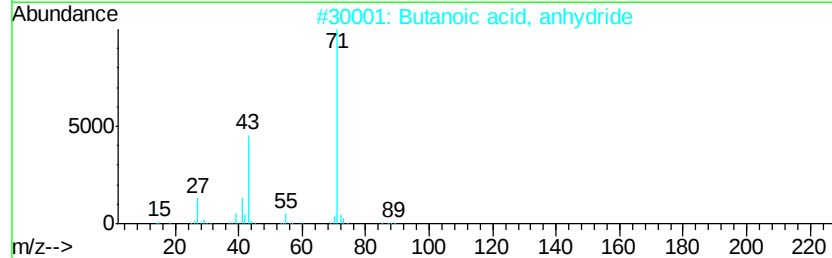
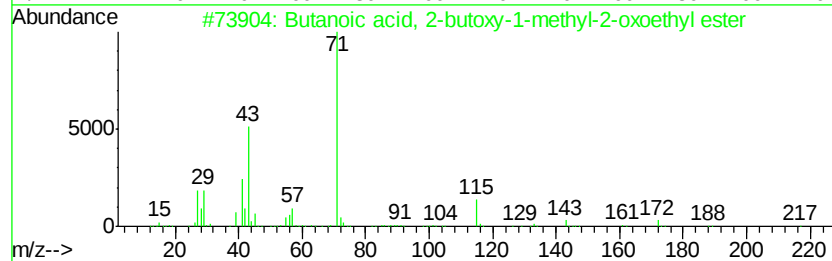
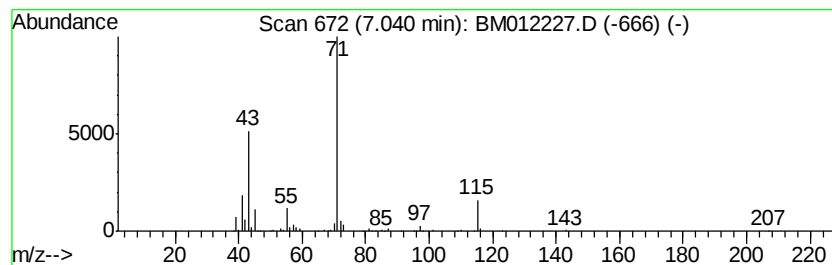
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Butanoic acid, 2-butoxy-1-m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	24.21 ng/ul	927625	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	78
2		Butanoic acid, anhydride	158	C8H14O3	000106-31-0	59
3		Sulfurous acid, dipentyl ester	222	C10H22O3S	1000309-13-9	53
4		2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	53
5		Butanoic acid, anhydride	158	C8H14O3	000106-31-0	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
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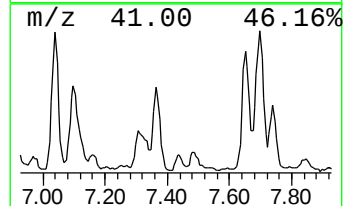
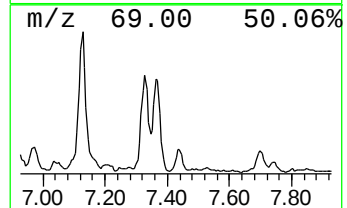
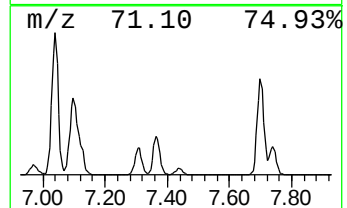
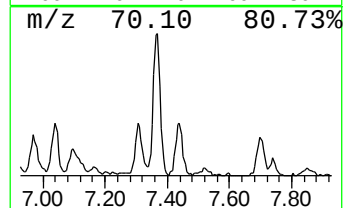
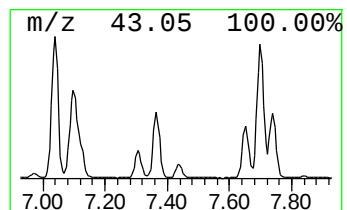
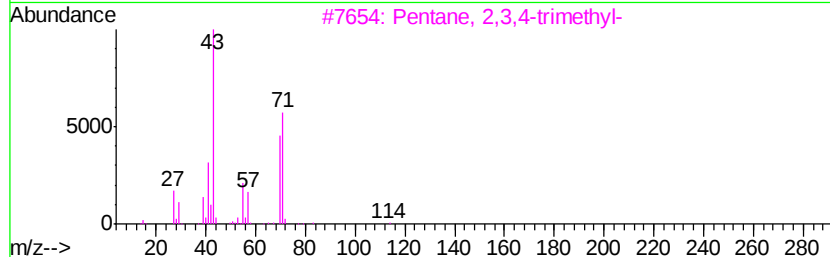
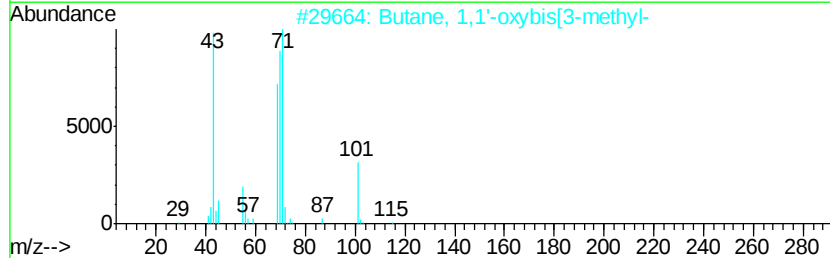
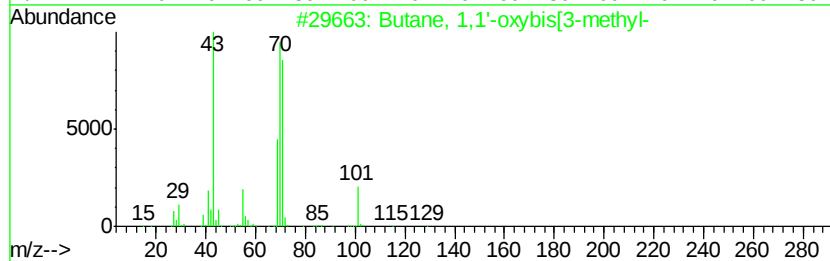
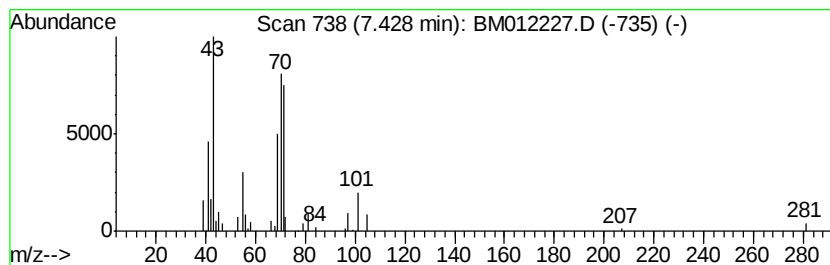
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Butane, 1,1'-oxybis[3-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	2.33 ng/ul	89166	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 1,1'-oxybis[3-methyl-	158	C10H22O	000544-01-4	83
2			Butane, 1,1'-oxybis[3-methyl-	158	C10H22O	000544-01-4	83
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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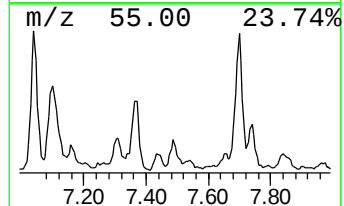
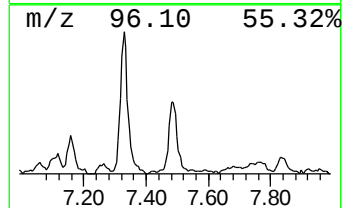
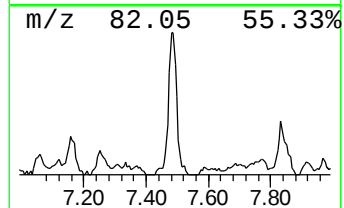
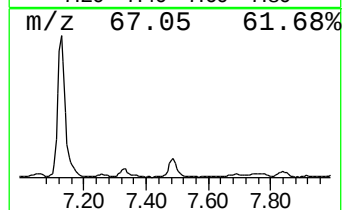
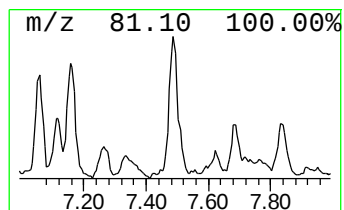
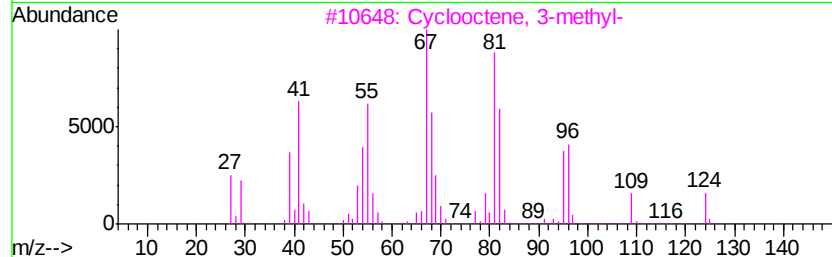
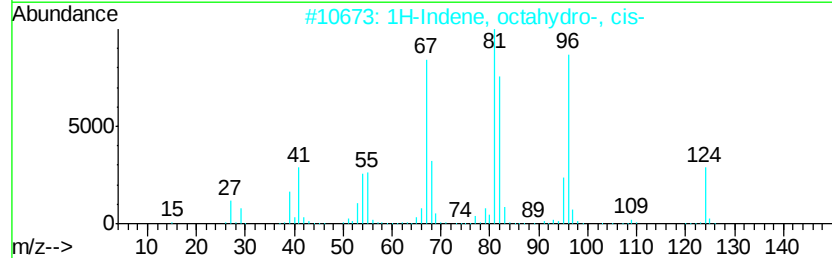
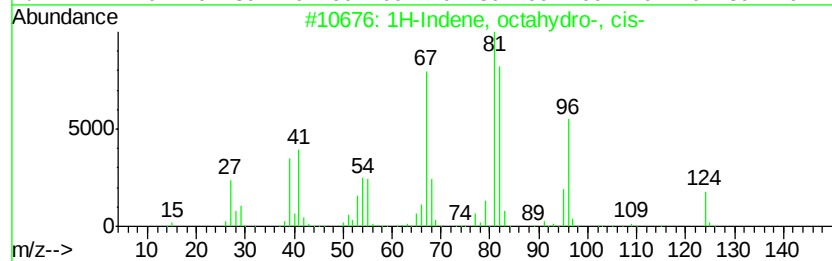
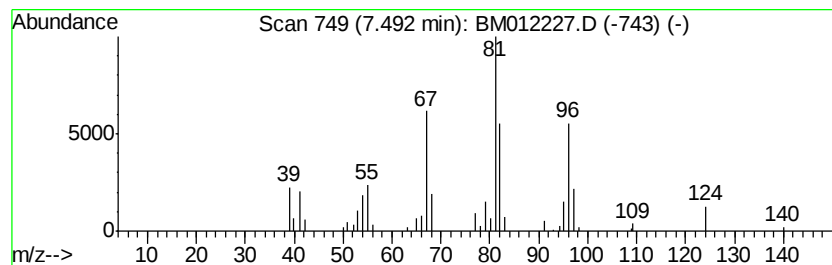
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 1H-Indene, octahydro-, cis- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	5.05 ng/ul	193332	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	96
2			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	94
3			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	80
4			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
5			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
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ClientSampleId :
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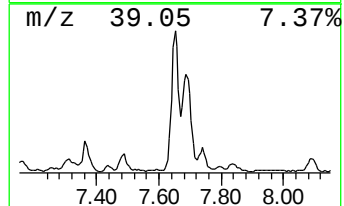
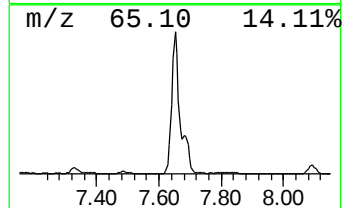
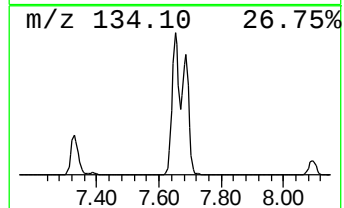
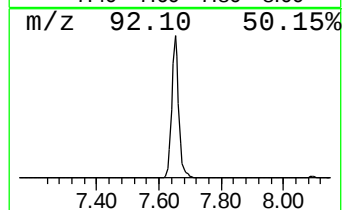
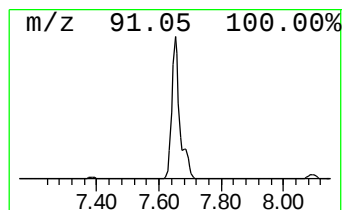
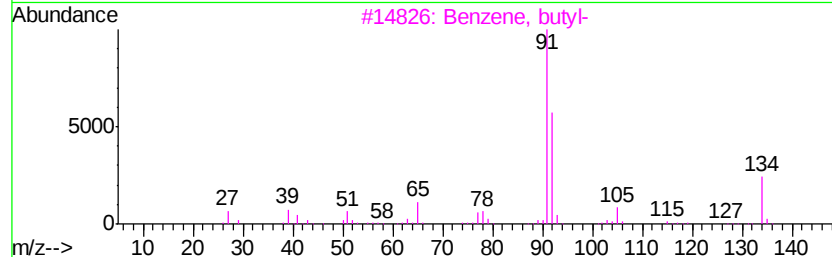
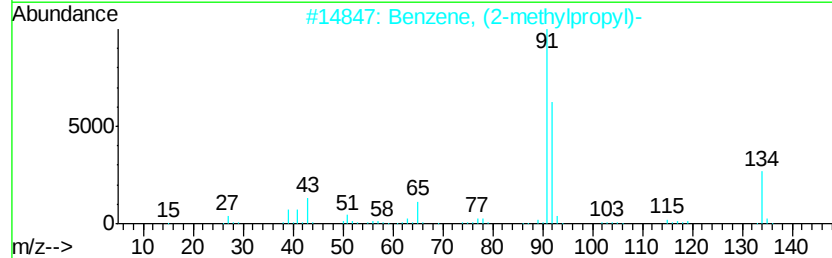
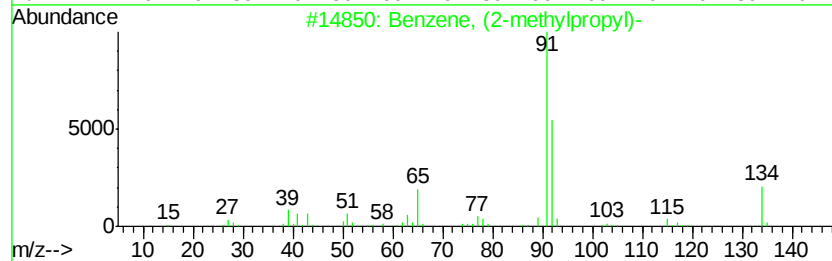
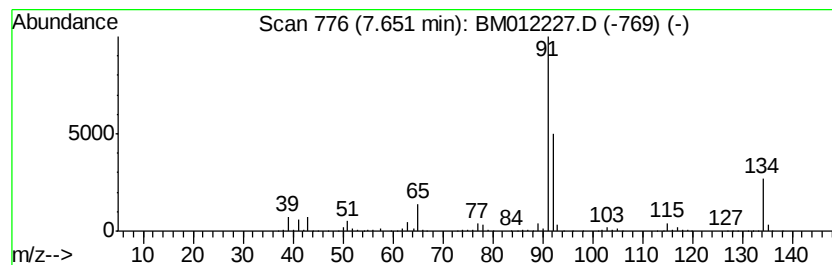
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzene, (2-methylpropyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	73.90 ng/ul	2831610	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	93
2		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3		Benzene, butyl-	134	C10H14	000104-51-8	86
4		Benzene, butyl-	134	C10H14	000104-51-8	86
5		Benzene, butyl-	134	C10H14	000104-51-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012227.D
Acq On : 16 Oct 2017 22:06
Operator : SJ/JU
Sample : I5871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-13

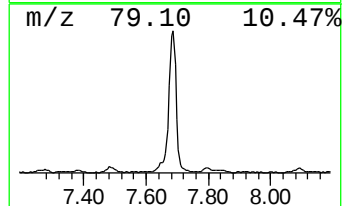
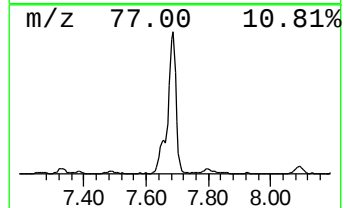
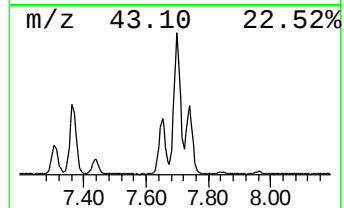
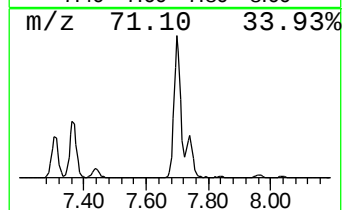
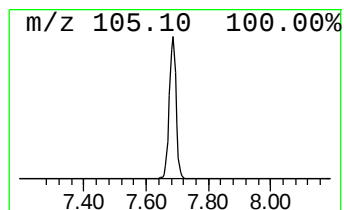
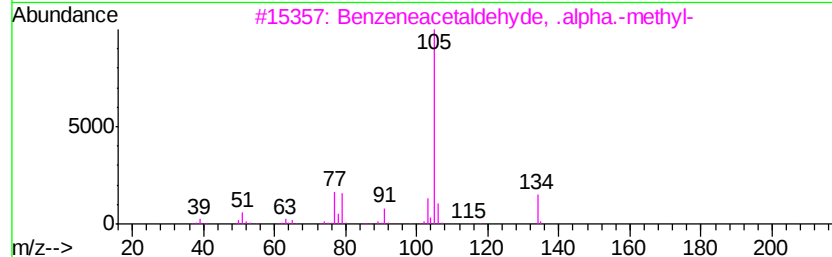
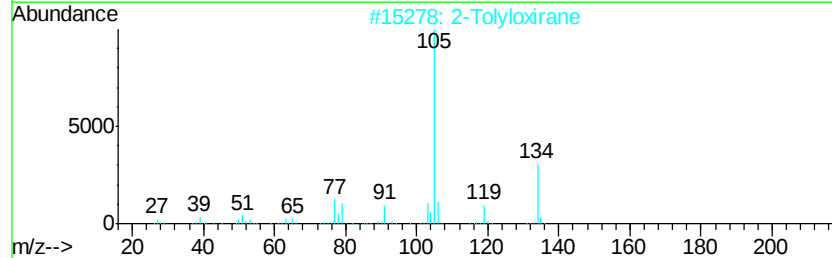
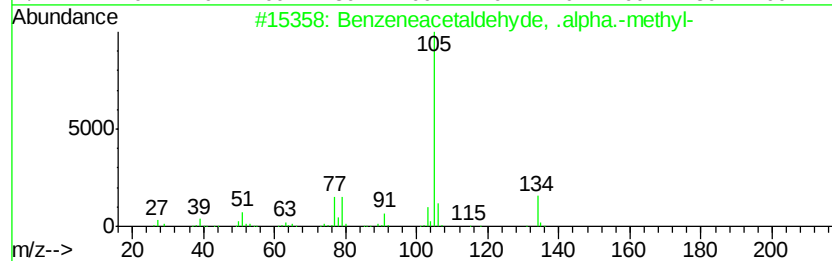
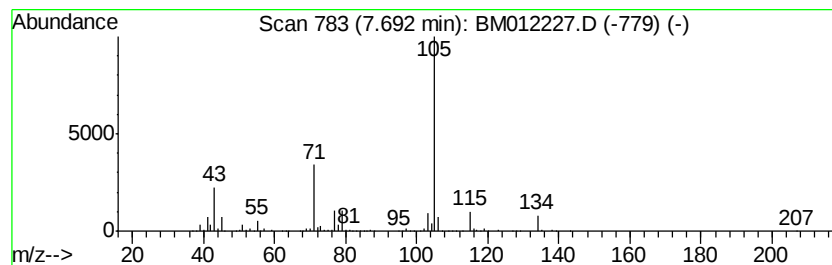
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 Benzeneacetaldehyde, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	85.01 ng/ul	3257560	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
2		2-Tolyloxirane	134	C9H10O	002783-26-8	72
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	70
4		Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	64
5		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
 Data File : BM012227.D
 Acq On : 16 Oct 2017 22:06
 Operator : SJ/JU
 Sample : I5871-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-13

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: Cyc...	3.43	6.4	ng/ul	244259	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	3.62	4.4	ng/ul	169709	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	3.70	2.4	ng/ul	91898	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	4.26	13.7	ng/ul	524471	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	4.42	30.0	ng/ul	1150240	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	4.50	5.2	ng/ul	198333	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	4.87	11.3	ng/ul	431358	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	4.96	8.3	ng/ul	319255	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	5.03	6.8	ng/ul	260323	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	5.20	9.5	ng/ul	364948	1	7.79	766375	20.0
Pentalene, octahy...	5.47	13.8	ng/ul	529951	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	5.57	3.3	ng/ul	126736	1	7.79	766375	20.0
Bicyclo[3.2.1]octane	5.66	17.6	ng/ul	675467	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	5.72	6.9	ng/ul	263532	1	7.79	766375	20.0
Bicyclo[2.2.2]octane	5.79	7.0	ng/ul	270297	1	7.79	766375	20.0
Cyclohexene, 1-et...	5.87	8.8	ng/ul	337674	1	7.79	766375	20.0
unknown-01	6.08	27.1	ng/ul	1038290	1	7.79	766375	20.0
(DEL) Alkane: Cyc...	6.15	4.7	ng/ul	180791	1	7.79	766375	20.0
Cyclooctene, 3-me...	6.28	16.7	ng/ul	640817	1	7.79	766375	20.0
Bicyclo[3.3.1]nonane	6.40	10.2	ng/ul	392538	1	7.79	766375	20.0
Bicyclo[2.2.2]oct...	6.47	3.9	ng/ul	148851	1	7.79	766375	20.0
6-Dodecyne	6.58	8.6	ng/ul	329778	1	7.79	766375	20.0
unknown-02	6.72	3.9	ng/ul	148960	1	7.79	766375	20.0
2-Methylbicyclo[3...	6.76	10.1	ng/ul	387859	1	7.79	766375	20.0
unknown-03	6.86	2.8	ng/ul	106452	1	7.79	766375	20.0
1H-Indene, octahy...	6.92	6.4	ng/ul	245684	1	7.79	766375	20.0
Butanoic acid, 2-...	7.04	24.2	ng/ul	927625	1	7.79	766375	20.0
Butane, 1,1'-oxyb...	7.43	2.3	ng/ul	89166	1	7.79	766375	20.0
1H-Indene, octahy...	7.49	5.0	ng/ul	193332	1	7.79	766375	20.0
Benzene, (2-methy...	7.65	73.9	ng/ul	2831610	1	7.79	766375	20.0
Benzeneacetaldehy...	7.69	85.0	ng/ul	3257560	1	7.79	766375	20.0