

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
 Data File : BM012300.D
 Acq On : 19 Oct 2017 03:50
 Operator : SJ/JU
 Sample : I5693-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-30(3-3.8)-100417

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	4.951	312	317	323	rVV	1123187	1749482	5.50%	0.412%
2	5.193	353	358	362	rBV3	885526	1560189	4.90%	0.367%
3	5.269	367	371	378	rVV	1735147	2732375	8.59%	0.643%
4	5.410	387	395	410	rVB	13418417	31826601	100.00%	7.490%
5	5.710	440	446	450	rBV3	1176211	1814711	5.70%	0.427%
6	5.775	450	457	464	rVB2	4418496	7311513	22.97%	1.721%
7	6.028	491	500	507	rBV4	2031049	5382798	16.91%	1.267%
8	6.145	513	520	526	rVB3	1247622	2566973	8.07%	0.604%
9	6.240	530	536	539	rBV2	1427601	2903001	9.12%	0.683%
10	6.310	544	548	552	rBV	3418600	4496382	14.13%	1.058%
11	6.398	558	563	565	rBV2	2334442	3866475	12.15%	0.910%
12	6.510	578	582	587	rVB2	999452	1584301	4.98%	0.373%
13	6.575	587	593	598	rBV3	1299381	2210717	6.95%	0.520%
14	6.634	598	603	604	rBV	1515948	1976017	6.21%	0.465%
15	6.745	618	622	628	rVV	3300181	5079876	15.96%	1.196%
16	6.804	628	632	636	rVB	1328765	1739743	5.47%	0.409%
17	6.851	636	640	644	rBV2	1971738	3034688	9.54%	0.714%
18	6.910	644	650	655	rVV5	4572910	9177371	28.84%	2.160%
19	6.992	660	664	668	rVB	1023251	1599940	5.03%	0.377%
20	7.087	675	680	685	rVV6	1007908	2070486	6.51%	0.487%
21	7.151	685	691	695	rVV3	1468539	3001718	9.43%	0.706%
22	7.245	703	707	713	rVV3	2390715	4905454	15.41%	1.154%
23	7.322	715	720	725	rVV3	1804062	3622833	11.38%	0.853%
24	7.381	725	730	733	rVV	4243164	6231708	19.58%	1.467%
25	7.416	733	736	743	rVV2	2879911	4848928	15.24%	1.141%
26	7.481	743	747	752	rVB2	1401560	2350545	7.39%	0.553%
27	7.587	758	765	771	rVB4	1181782	2568952	8.07%	0.605%
28	7.675	771	780	785	rBV4	2005451	5542947	17.42%	1.305%
29	7.739	785	791	796	rVV	7334936	10962413	34.44%	2.580%
30	7.828	801	806	811	rVB5	1765183	3738380	11.75%	0.880%
31	7.887	811	816	822	rBV3	1938524	4129793	12.98%	0.972%
32	7.951	822	827	830	rVV3	2243608	3353815	10.54%	0.789%
33	8.045	835	843	851	rVB4	5859646	12644230	39.73%	2.976%
34	8.110	851	854	863	rVB4	727378	1456160	4.58%	0.343%

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35	8.263	875	880	881	rBV	1514604	1887270	5.93%	0.444%
36	8.287	881	884	887	rVV	2641778	4107998	12.91%	0.967%
37	8.316	887	889	892	rVV	1945574	2681613	8.43%	0.631%
38	8.345	892	894	900	rVB	2374693	3341438	10.50%	0.786%
39	8.416	900	906	912	rBV4	3408689	7024535	22.07%	1.653%
40	8.528	917	925	929	rBV2	1634708	2935016	9.22%	0.691%
41	8.604	929	938	942	rBV2	2022147	4139491	13.01%	0.974%
42	8.728	953	959	963	rBV	929582	1935944	6.08%	0.456%
43	8.775	964	967	972	rVB	1211352	1916946	6.02%	0.451%
44	8.839	972	978	979	rBV3	1276778	1833241	5.76%	0.431%
45	8.875	979	984	993	rVB3	4226317	7549717	23.72%	1.777%
46	8.986	993	1003	1008	rBV5	5307762	12053704	37.87%	2.837%
47	9.081	1014	1019	1020	rBV2	1422492	2138175	6.72%	0.503%
48	9.239	1034	1046	1055	rBV8	1432015	5298893	16.65%	1.247%
49	9.404	1068	1074	1077	rBV	1989330	3029931	9.52%	0.713%
50	9.645	1108	1115	1119	rBV4	1054881	2530232	7.95%	0.595%
51	9.686	1119	1122	1127	rVB3	1363180	2066806	6.49%	0.486%
52	9.745	1127	1132	1140	rBV5	1237814	3305748	10.39%	0.778%
53	9.975	1165	1171	1177	rVV3	1684438	3452541	10.85%	0.813%
54	10.145	1193	1200	1206	rVB5	593905	1434866	4.51%	0.338%
55	10.528	1260	1265	1270	rVV2	1880068	3753068	11.79%	0.883%
56	10.580	1271	1274	1278	rVV	1150532	2015730	6.33%	0.474%
57	10.628	1279	1282	1287	rVV3	899031	1572293	4.94%	0.370%
58	10.716	1287	1297	1301	rVB3	1235344	2789252	8.76%	0.656%
59	11.980	1506	1512	1519	rBV4	1398074	2611030	8.20%	0.614%
60	12.245	1553	1557	1563	rVB	2508101	3721217	11.69%	0.876%
61	12.469	1586	1595	1604	rVB	1388748	2757759	8.66%	0.649%
62	12.939	1670	1675	1682	rVB	1664833	2630720	8.27%	0.619%
63	13.233	1720	1725	1734	rVB3	1199149	2500390	7.86%	0.588%
64	13.463	1759	1764	1776	rVB2	829008	2365443	7.43%	0.557%
65	13.610	1781	1789	1795	rVB3	1651937	4565489	14.34%	1.074%
66	13.751	1807	1813	1818	rBV	2383905	4270916	13.42%	1.005%
67	13.804	1818	1822	1825	rVV	1798937	2353609	7.40%	0.554%
68	13.839	1825	1828	1831	rVV	1323197	1694164	5.32%	0.399%
69	13.892	1832	1837	1841	rVB2	2278550	3233945	10.16%	0.761%
70	14.127	1873	1877	1880	rBV	1034297	1454430	4.57%	0.342%
71	14.310	1904	1908	1916	rVB	1044884	1504351	4.73%	0.354%

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72	14.392	1916	1922	1925	rBV4	756860	1769451	5.56%	0.416%
73	14.433	1925	1929	1934	rVB2	1900576	2912950	9.15%	0.686%
74	14.639	1959	1964	1973	rBV	1108254	2574098	8.09%	0.606%
75	14.827	1990	1996	2005	rVB3	1454670	2984539	9.38%	0.702%
76	14.910	2005	2010	2018	rBV4	1441775	3301083	10.37%	0.777%
77	15.045	2029	2033	2039	rBV	1154076	2080982	6.54%	0.490%
78	15.215	2056	2062	2065	rBV3	697270	1574053	4.95%	0.370%
79	15.257	2066	2069	2074	rVB2	1135446	1648083	5.18%	0.388%
80	15.427	2094	2098	2102	rBV	1270657	1740854	5.47%	0.410%
81	15.668	2132	2139	2148	rVB2	1429247	3393776	10.66%	0.799%
82	16.145	2213	2220	2226	rBV2	1943012	3404105	10.70%	0.801%
83	16.898	2342	2348	2354	rBV3	866250	1687211	5.30%	0.397%
84	17.180	2392	2396	2400	rBV2	1385543	1942824	6.10%	0.457%
85	17.227	2400	2404	2409	rVV	1047203	1532193	4.81%	0.361%
86	18.098	2541	2552	2560	rBV2	12504920	24885003	78.19%	5.857%
87	18.980	2697	2702	2705	rBV2	1279030	1938598	6.09%	0.456%
88	19.239	2741	2746	2751	rBV2	3248033	5736732	18.02%	1.350%
89	19.380	2761	2770	2779	rBV	18214074	31665440	99.49%	7.452%
90	19.468	2781	2785	2789	rBV2	1423776	2265891	7.12%	0.533%
91	19.574	2798	2803	2806	rBV2	5334956	7724025	24.27%	1.818%
92	19.609	2806	2809	2814	rVB2	1170696	1698854	5.34%	0.400%
93	20.433	2946	2949	2958	rVB6	2262261	4023610	12.64%	0.947%
94	20.545	2964	2968	2972	rVB2	1121554	1540805	4.84%	0.363%
95	20.886	3023	3026	3031	rBV3	1280147	1720716	5.41%	0.405%
96	20.939	3031	3035	3041	rVB4	2358171	3319912	10.43%	0.781%
97	21.062	3051	3056	3069	rVB2	7618021	13088506	41.12%	3.080%
98	21.368	3103	3108	3112	rBV3	2894341	4673072	14.68%	1.100%
99	21.674	3157	3160	3168	rVB	1277746	1609531	5.06%	0.379%
100	22.644	3321	3325	3332	rVB2	1257263	1970673	6.19%	0.464%

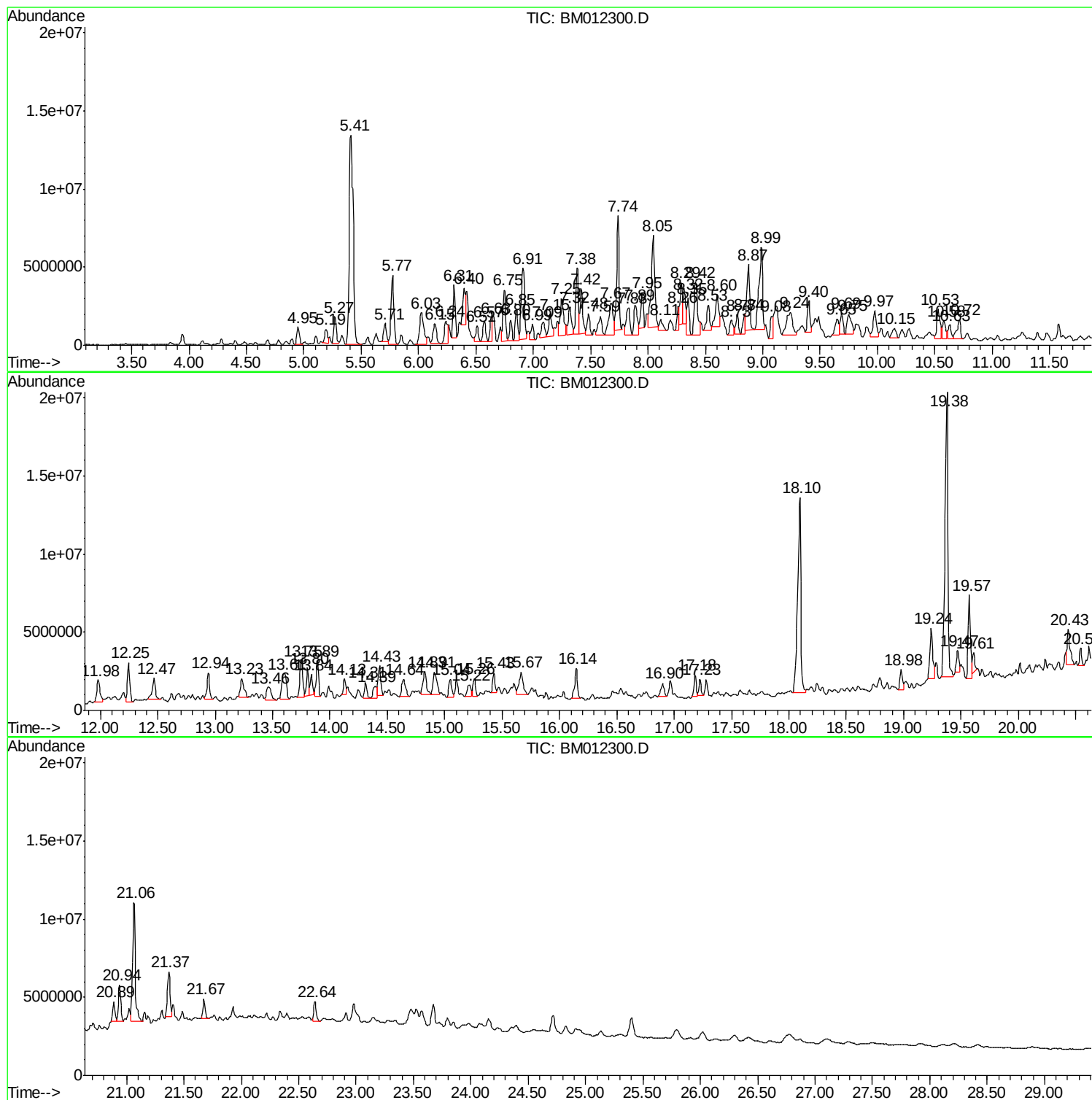
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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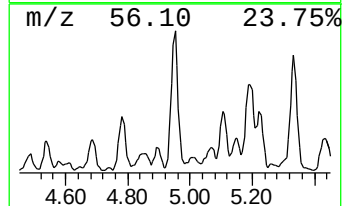
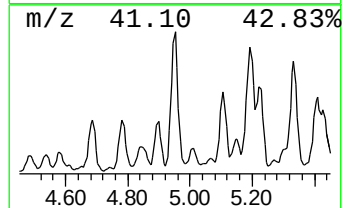
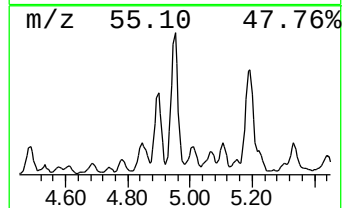
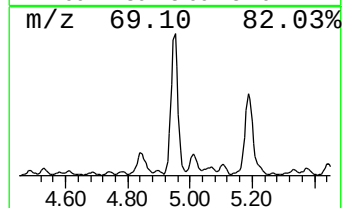
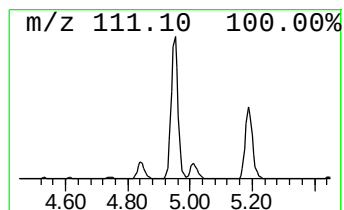
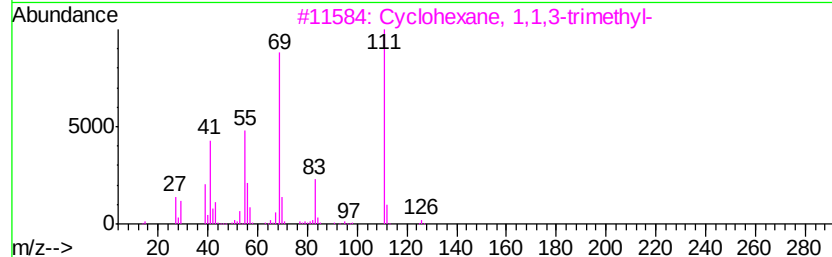
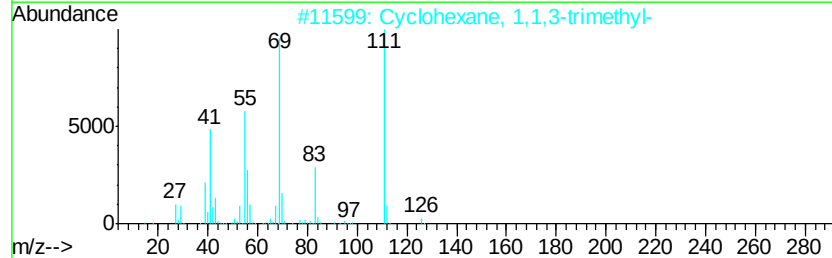
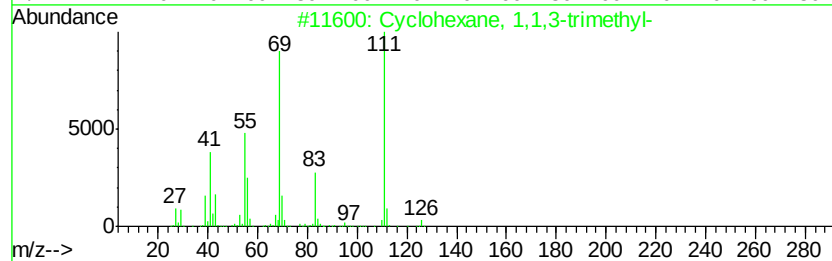
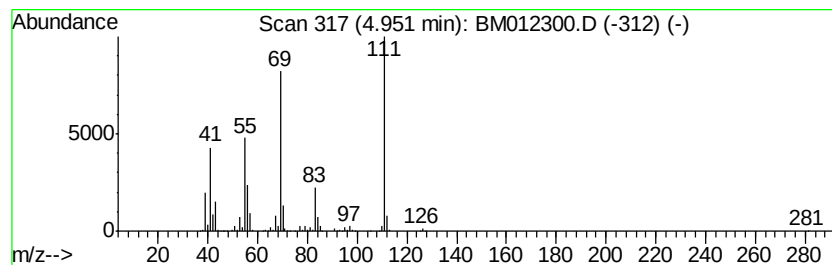
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic4.95 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.19 ng/ul	1749480	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72



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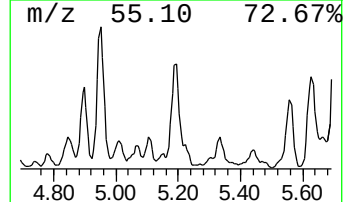
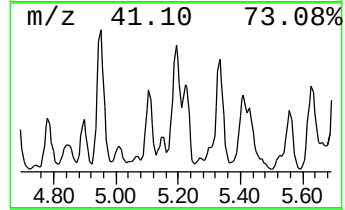
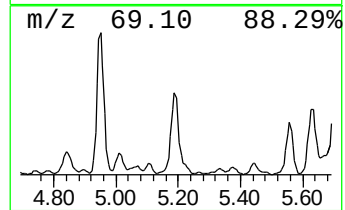
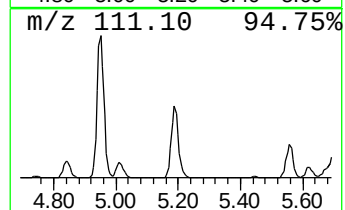
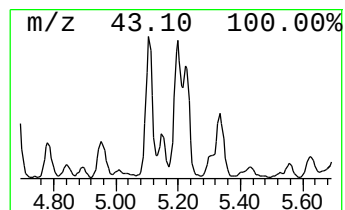
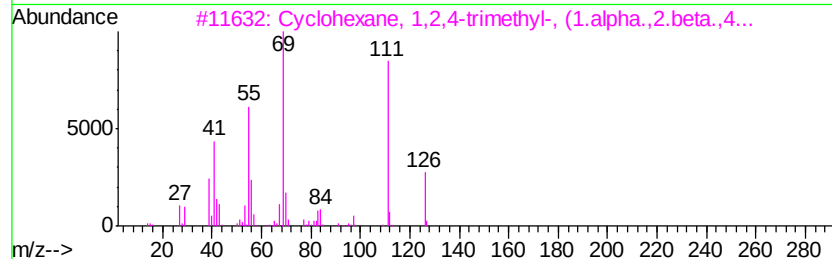
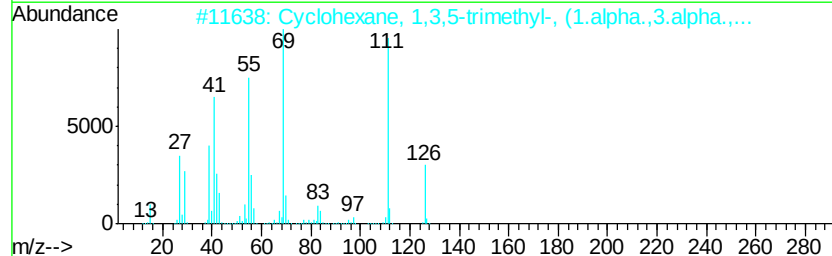
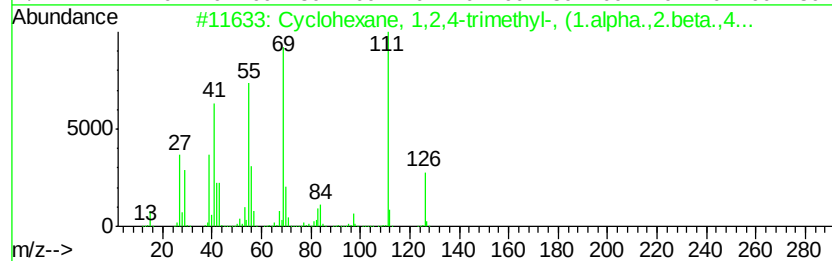
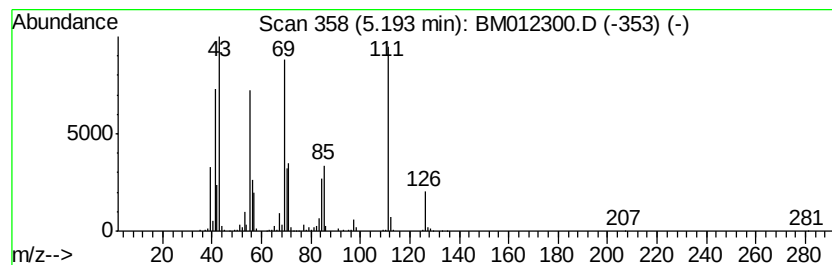
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic5.19 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.85 ng/ul	1560190	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	76
2		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	76
3		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	49
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
5		2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	43



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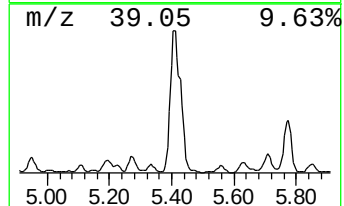
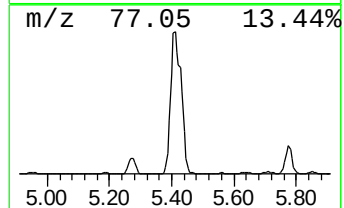
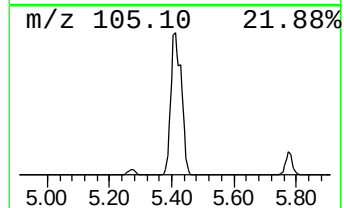
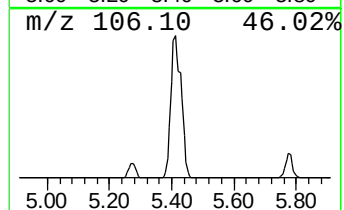
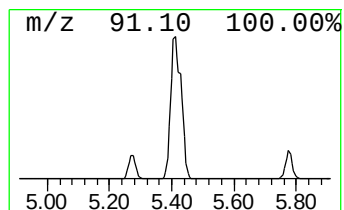
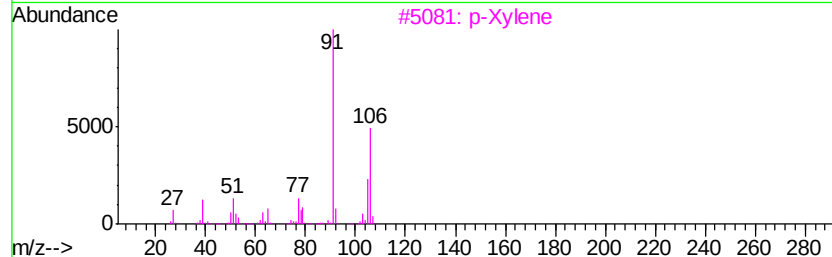
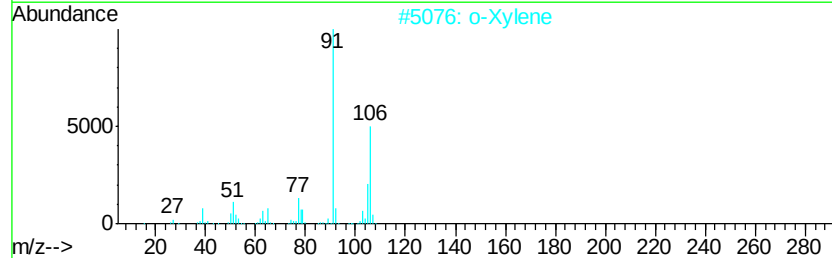
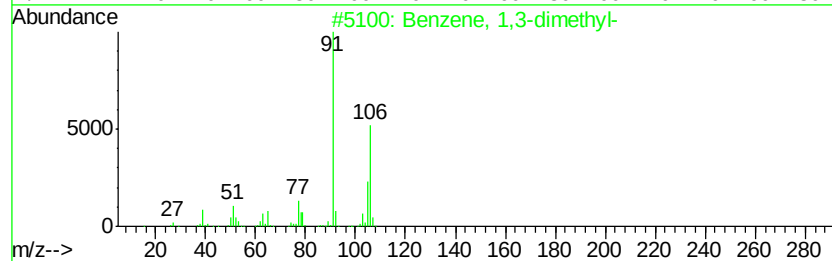
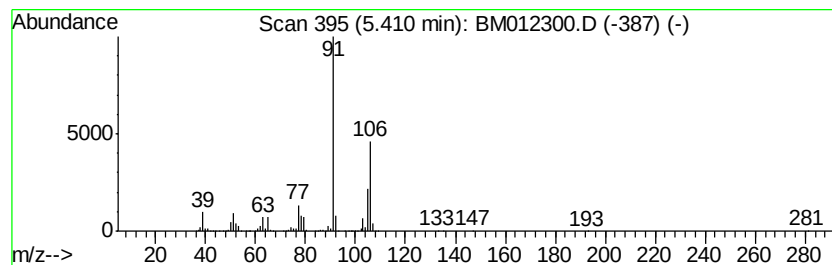
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	58.07 ng/ul	31826600	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5		p-Xylene	106	C8H10	000106-42-3	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
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Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

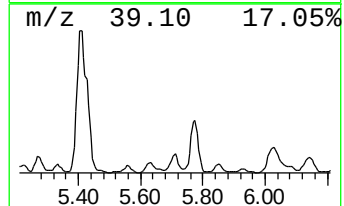
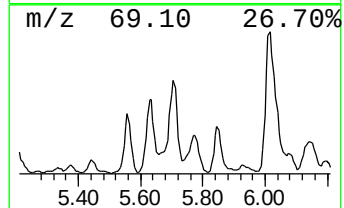
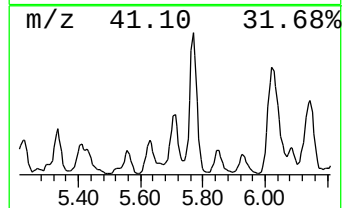
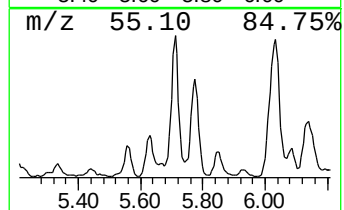
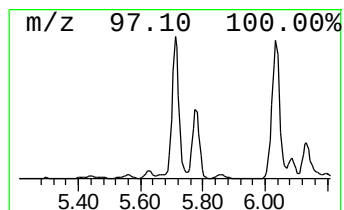
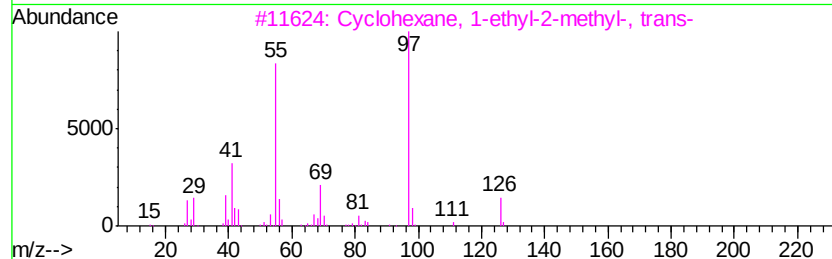
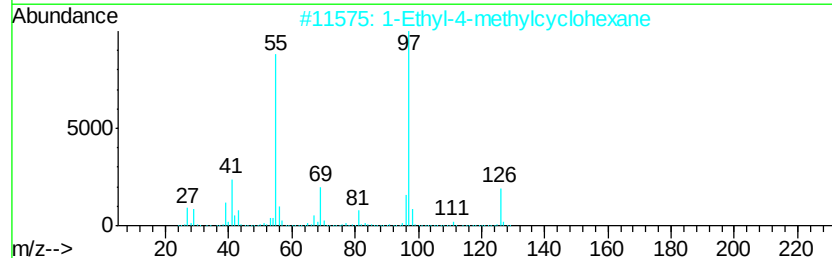
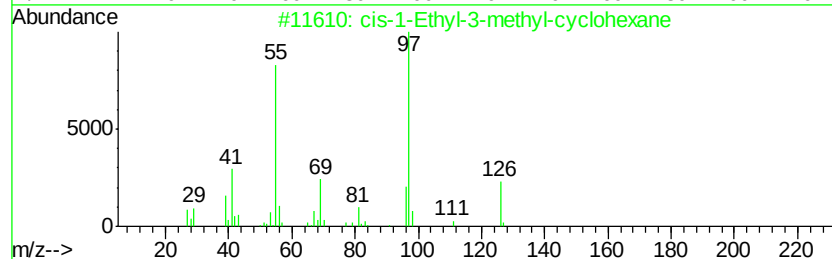
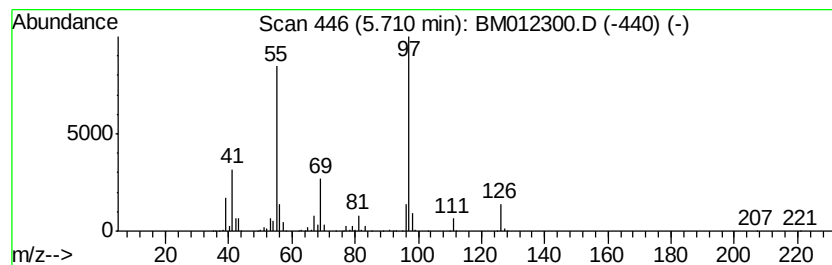
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	3.31 ng/ul	1814710	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	90
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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ClientSampleId :
B-30(3-3.8)-100417

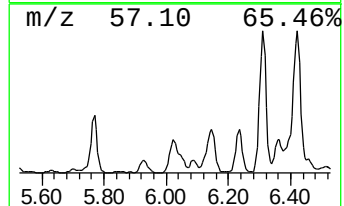
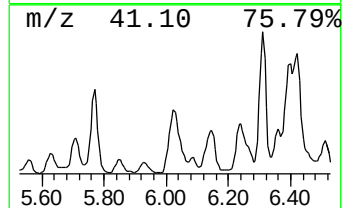
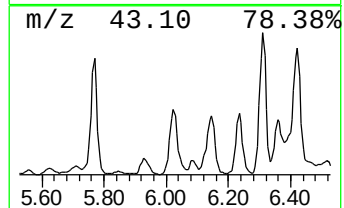
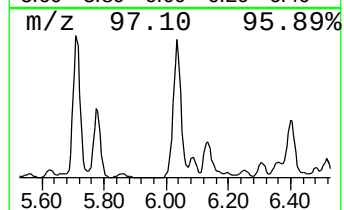
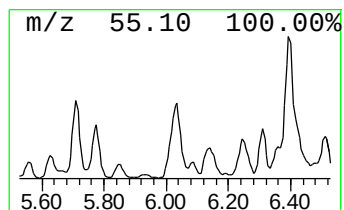
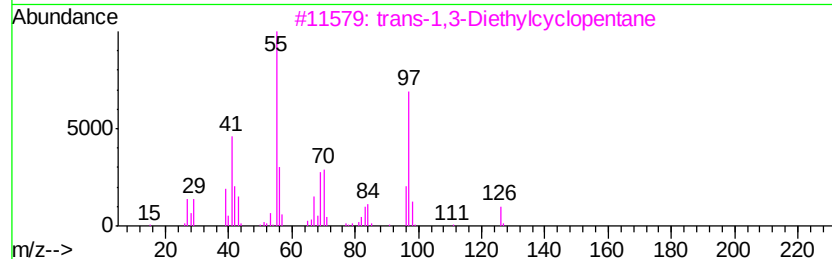
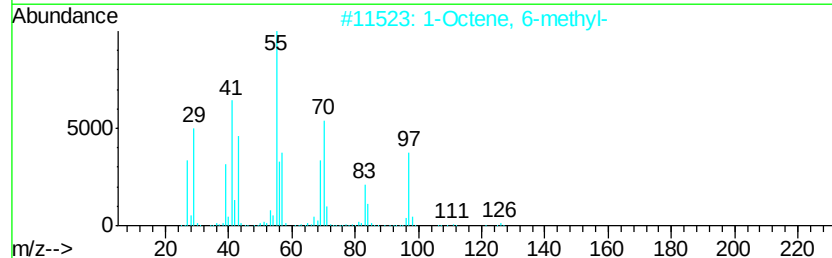
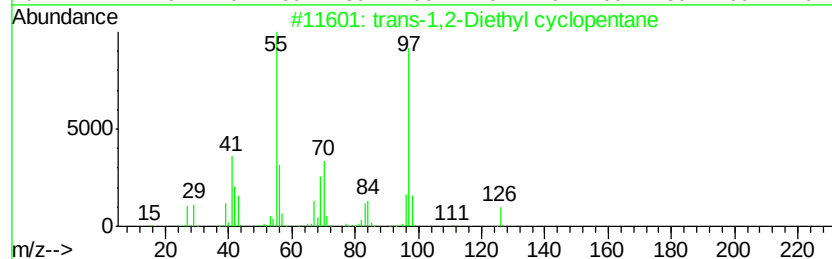
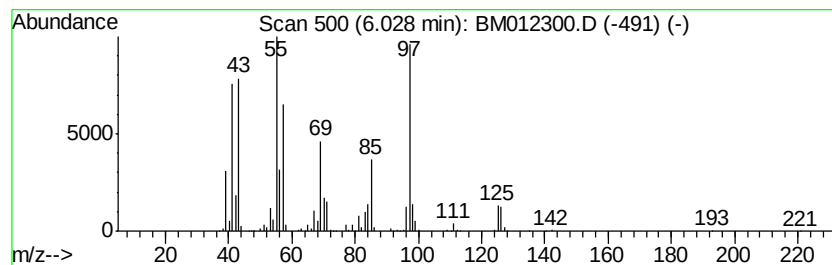
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic6.03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	9.82 ng/ul	5382800	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane			126	C9H18	000932-40-1	81
2	1-Octene, 6-methyl-			126	C9H18	013151-10-5	64
3	trans-1,3-Diethylcyclopentane			126	C9H18	1000113-87-1	64
4	Cyclohexane, 1,3-dimethyl-, trans-			112	C8H16	002207-03-6	64
5	Cyclohexane, 1,3-dimethyl-, trans-			112	C8H16	002207-03-6	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
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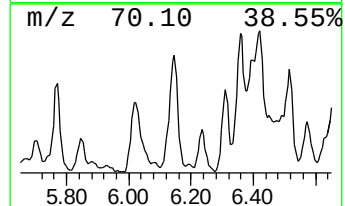
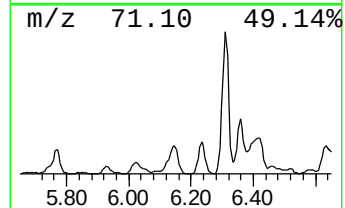
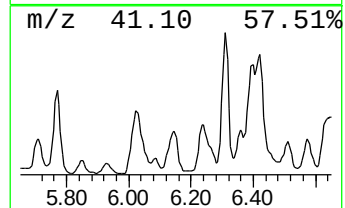
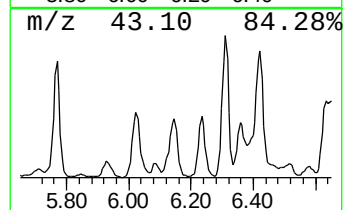
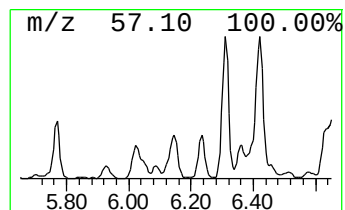
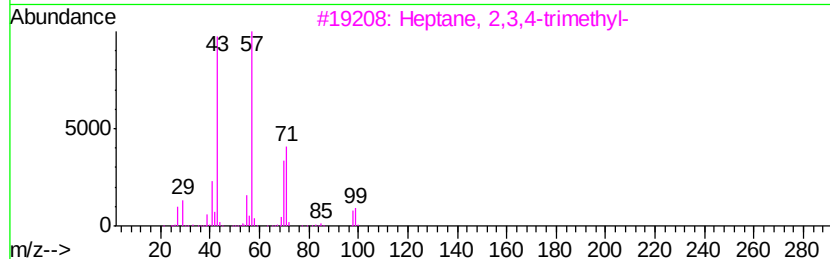
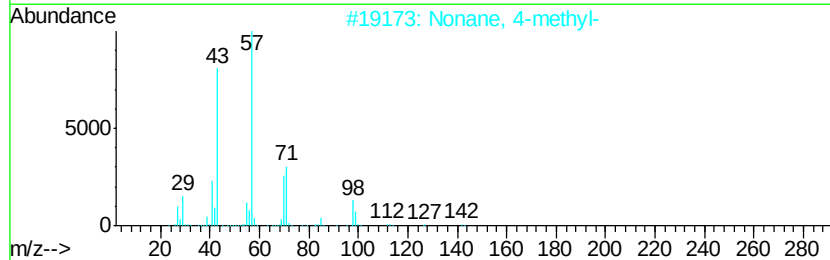
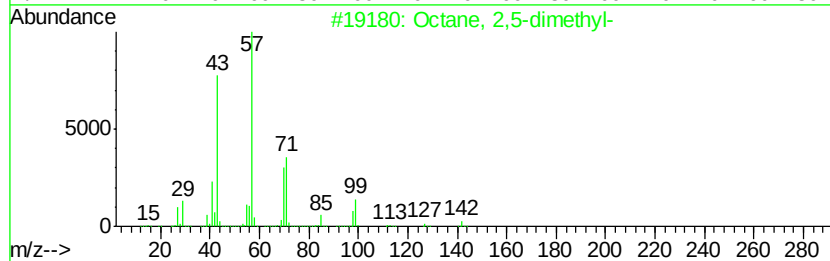
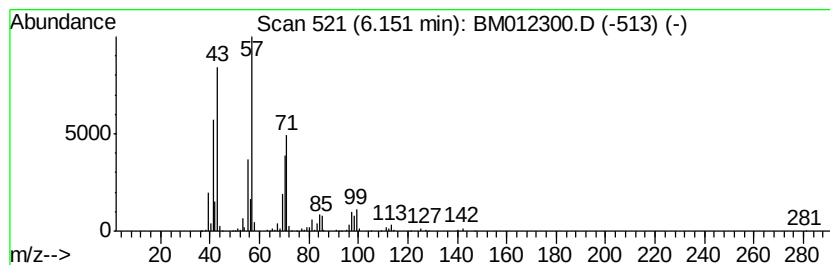
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	4.68 ng/ul	2566970	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	81
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	76
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
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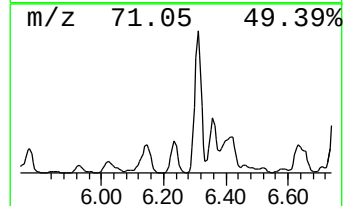
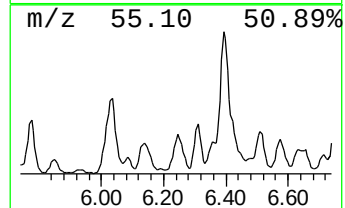
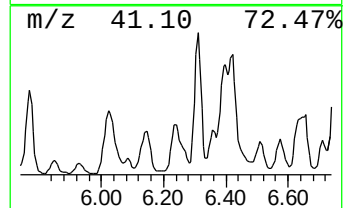
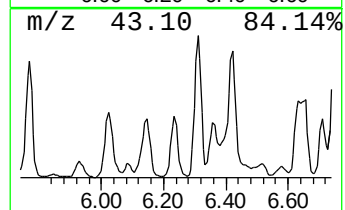
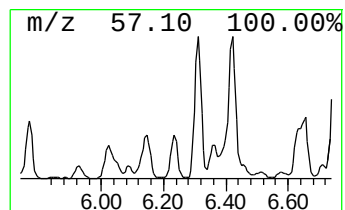
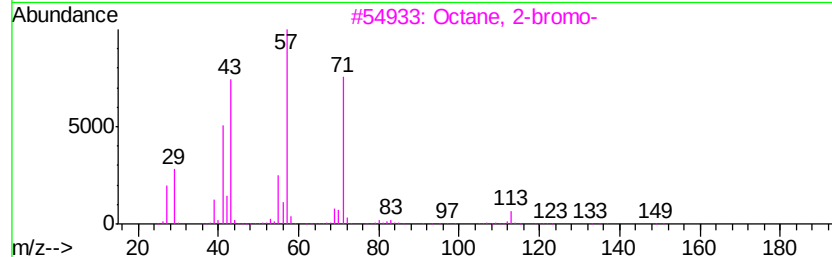
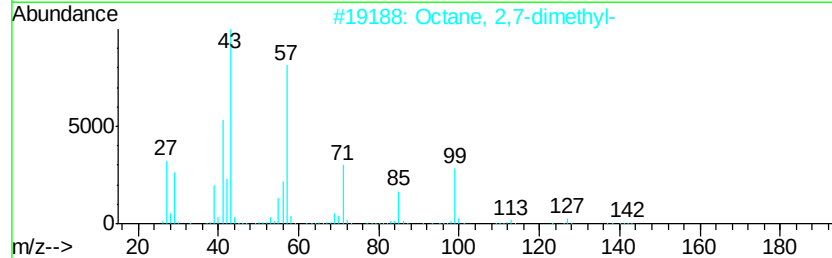
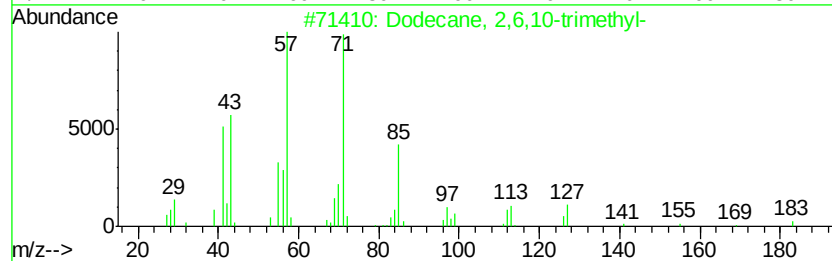
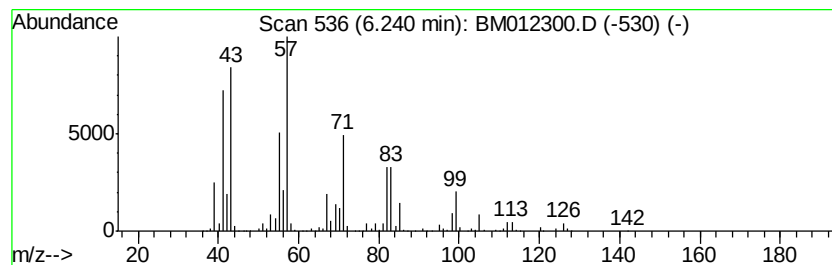
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	5.30 ng/ul	2903000	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	43
3		Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
4		Carbonic acid, isobutyl cyclohex...	200	C11H20O3	1000357-82-7	27
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
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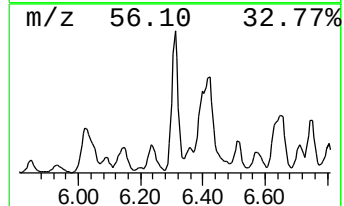
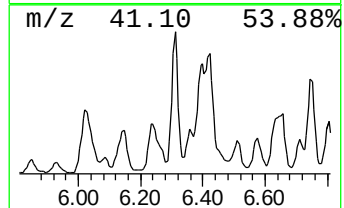
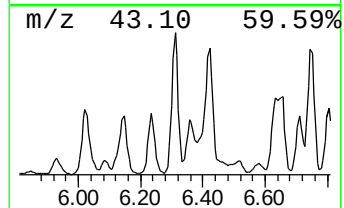
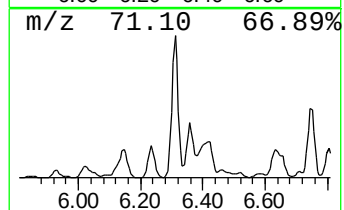
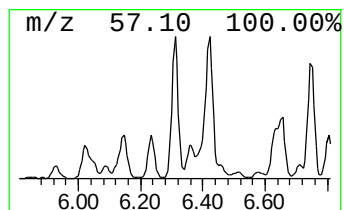
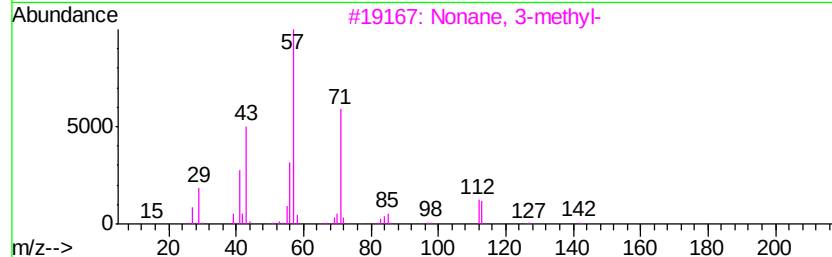
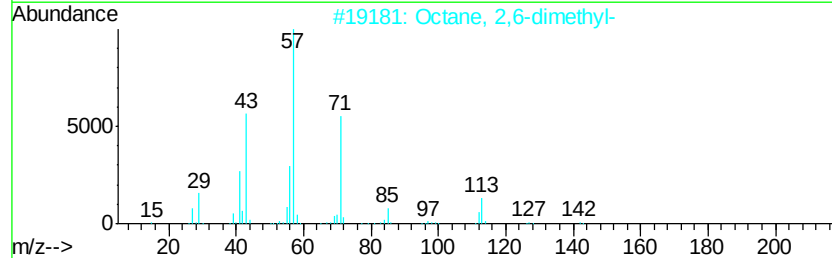
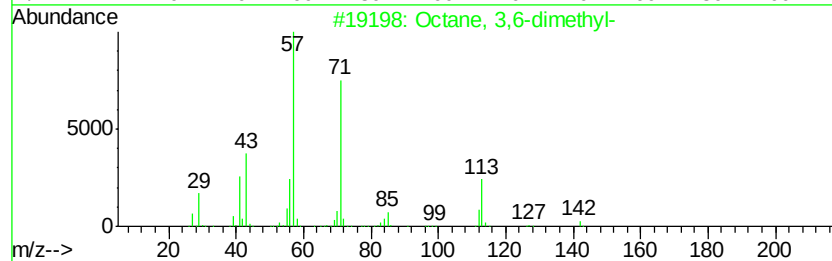
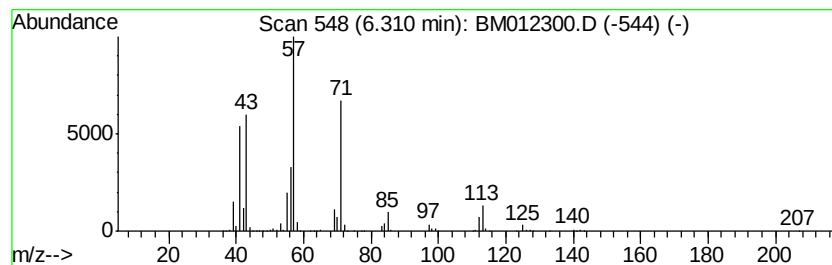
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	8.20 ng/ul	4496380	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
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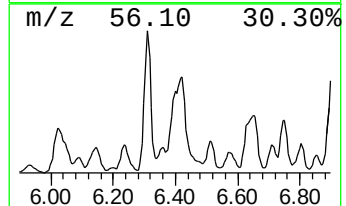
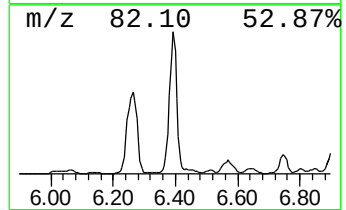
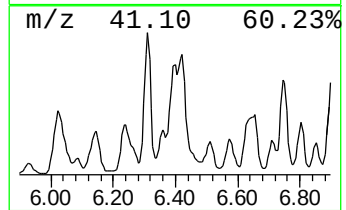
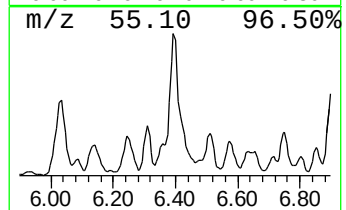
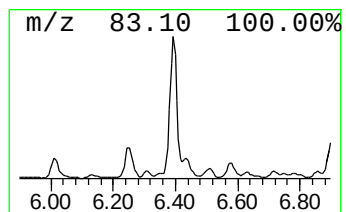
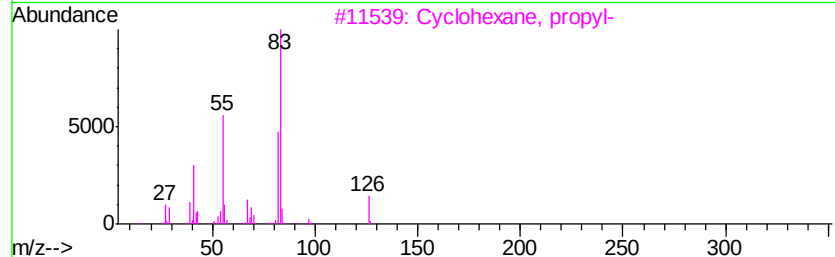
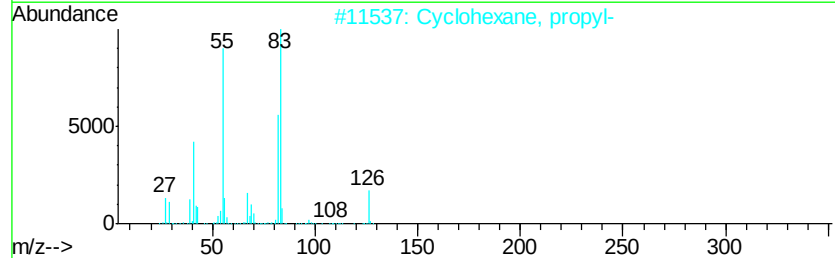
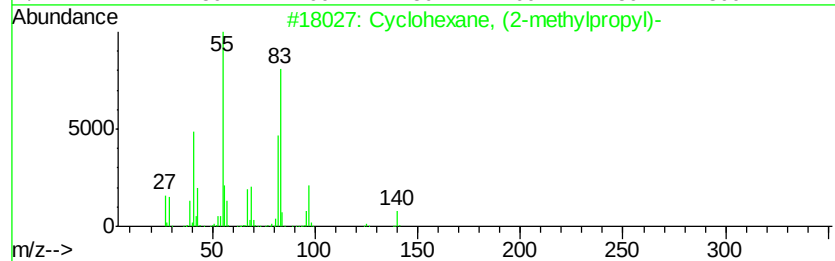
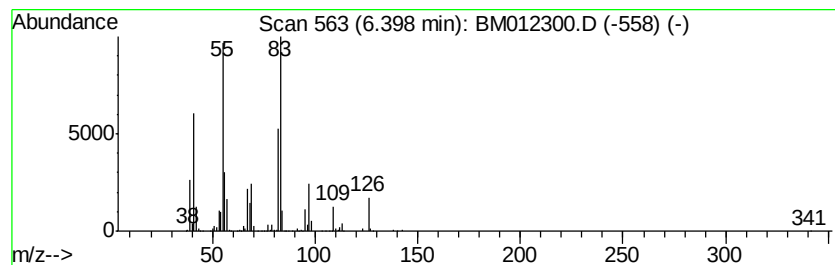
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclohexane, (2-methylpropyl)- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	7.05 ng/ul	3866480	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
B-30(3-3.8)-100417

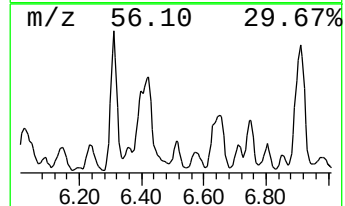
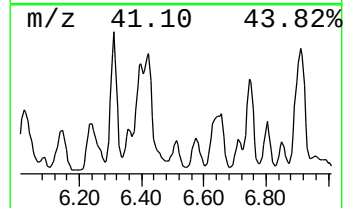
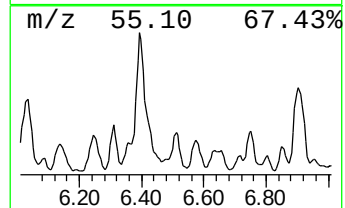
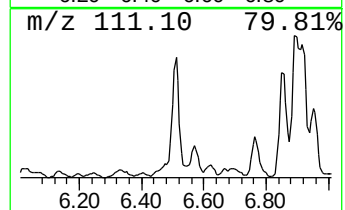
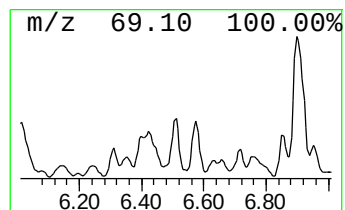
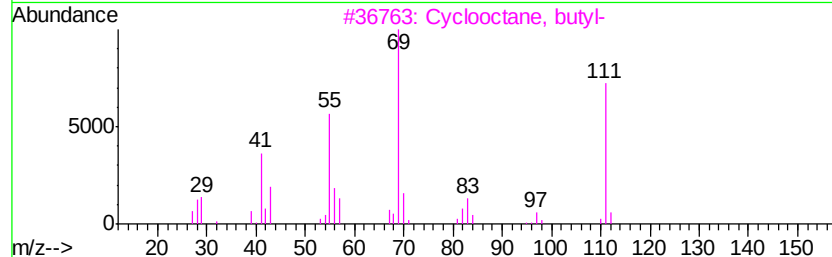
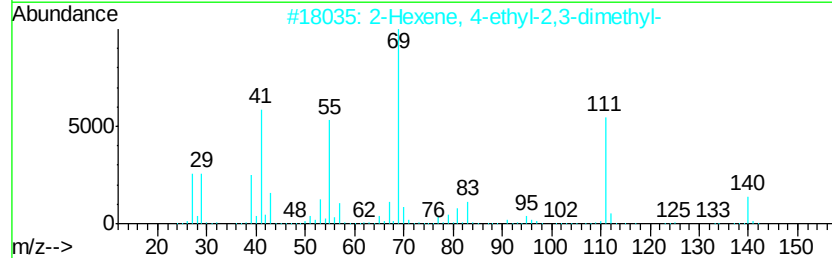
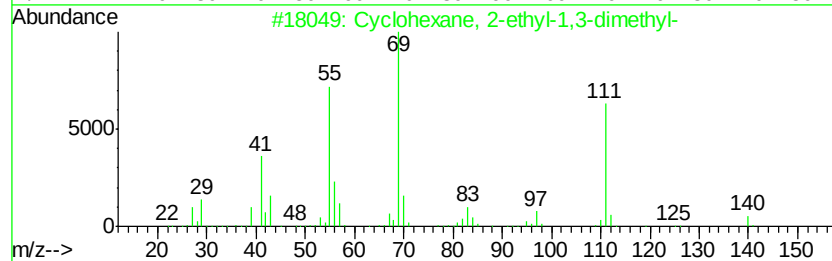
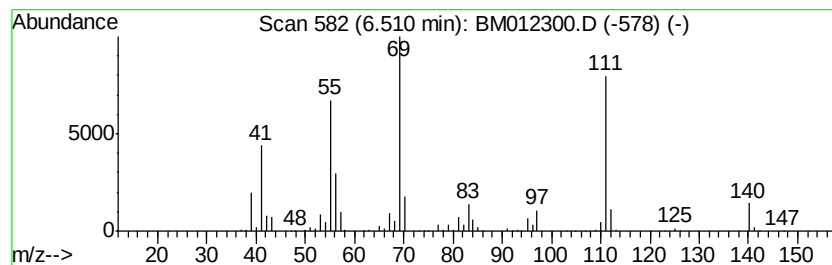
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic6.51 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	2.89 ng/ul	1584300	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	87
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	83
3			Cyclooctane, butyl-	168	C12H24	016538-93-5	78
4			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	64
5			3-Heptene, 2-methyl-	112	C8H16	017618-76-7	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampled :
B-30(3-3.8)-100417

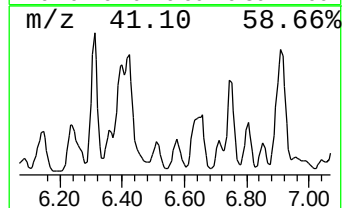
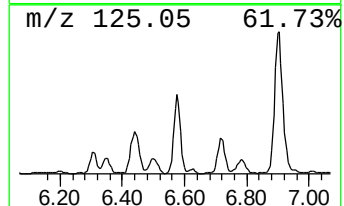
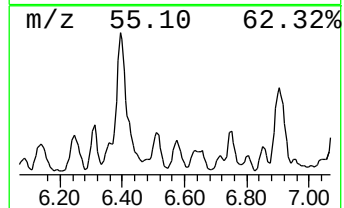
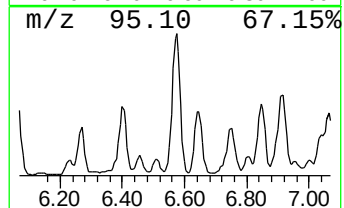
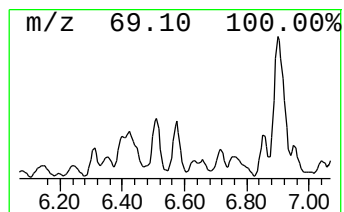
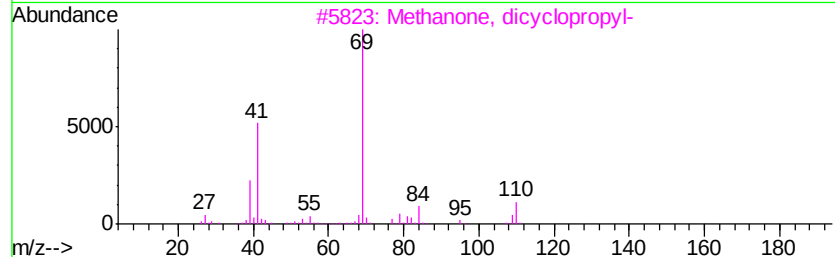
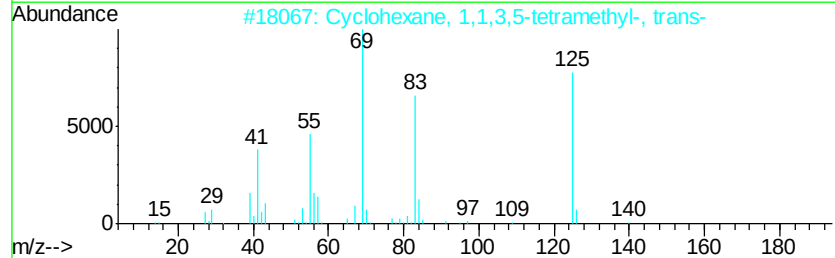
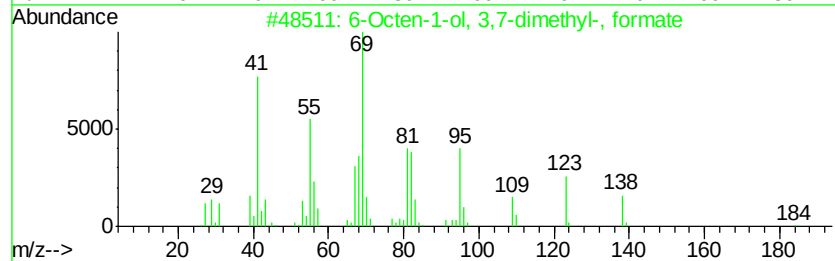
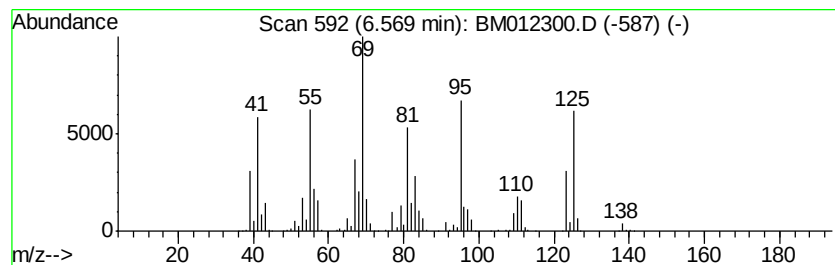
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 6-Octen-1-ol, 3,7-dimethyl-... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	4.03 ng/ul	2210720	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	50
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	49
3			Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	27
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27
5			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
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Operator : SJ/JU
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B-30(3-3.8)-100417

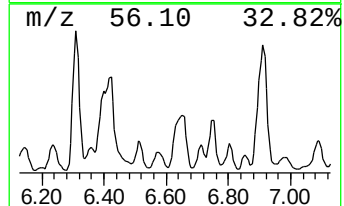
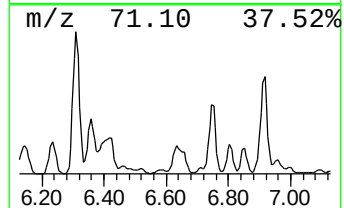
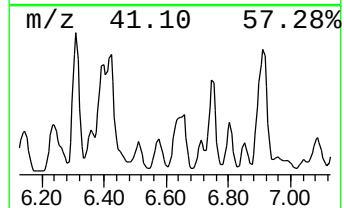
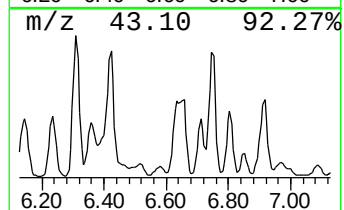
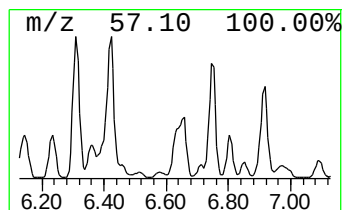
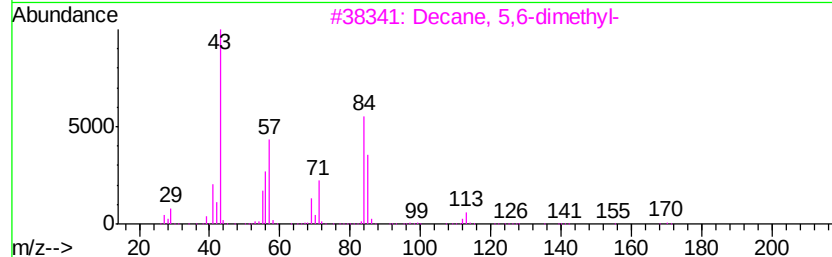
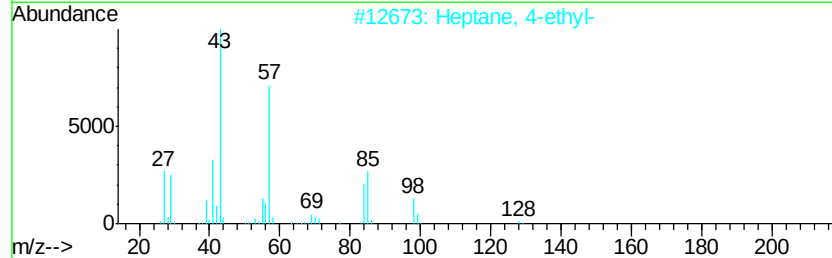
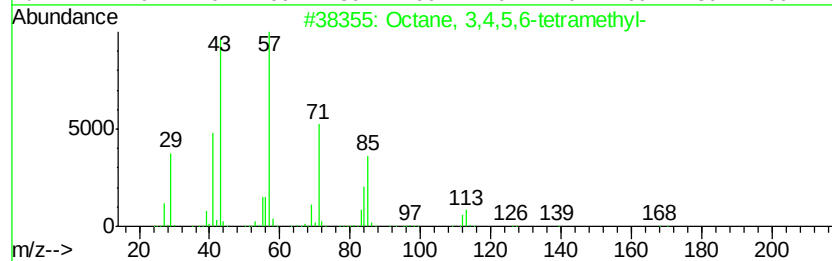
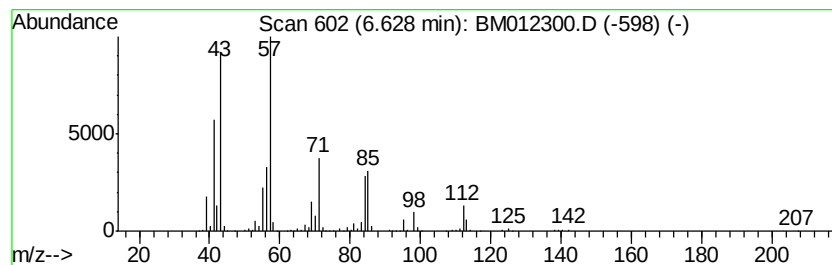
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.61 ng/ul	1976020	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
3			Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	47
4			1-Octene, 3,4-dimethyl-	140	C10H20	056728-11-1	46
5			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
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Instrument :
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ClientSampleId :
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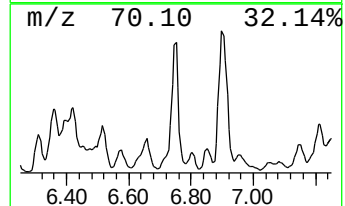
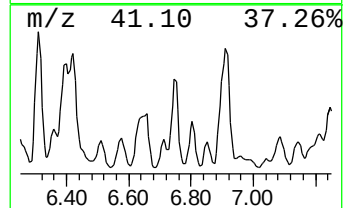
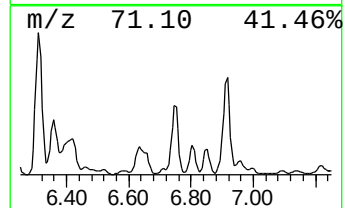
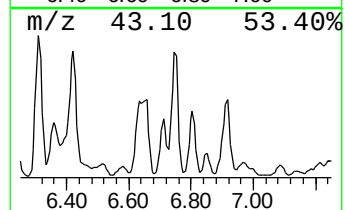
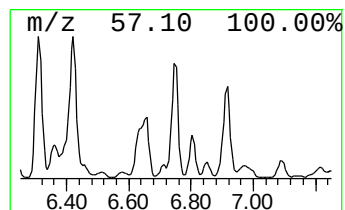
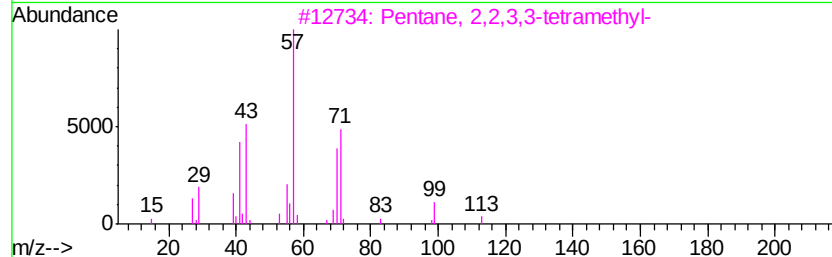
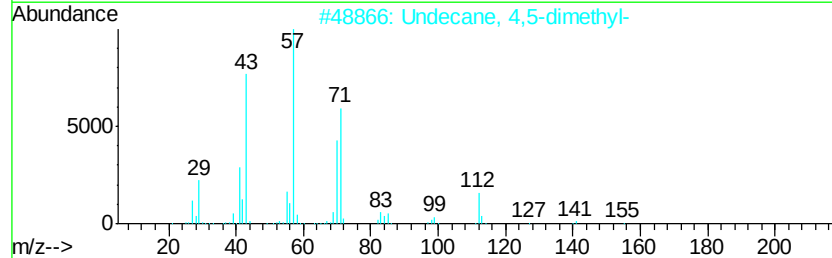
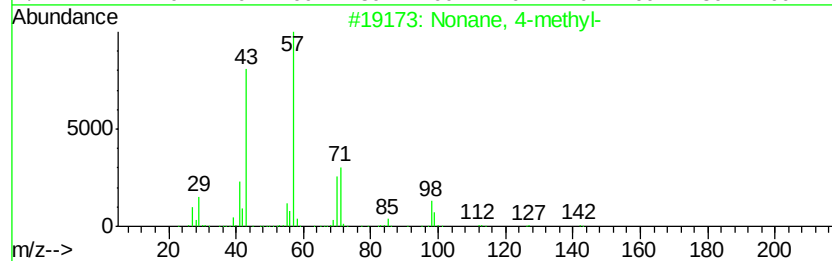
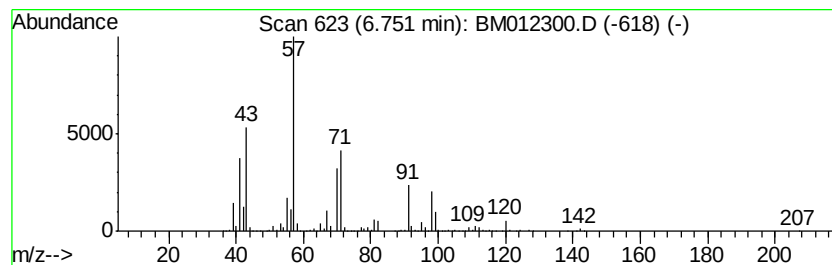
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	9.27 ng/ul	5079880	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	74
2		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
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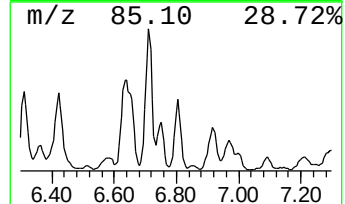
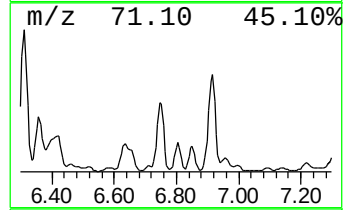
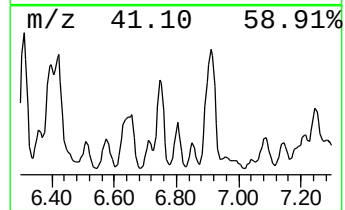
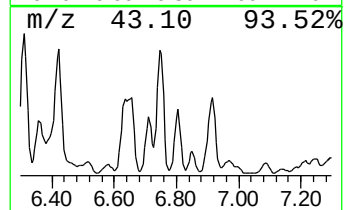
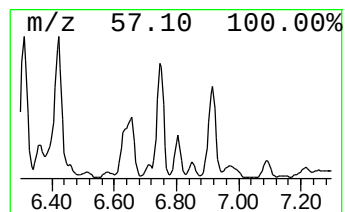
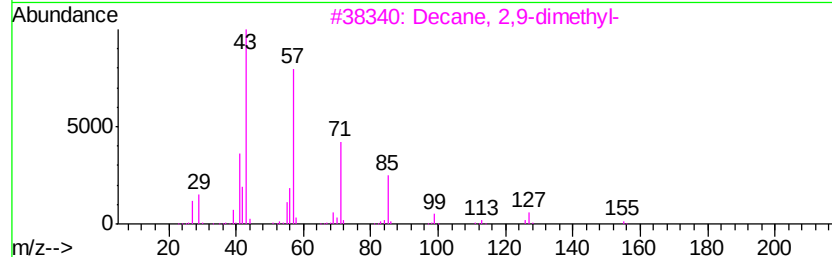
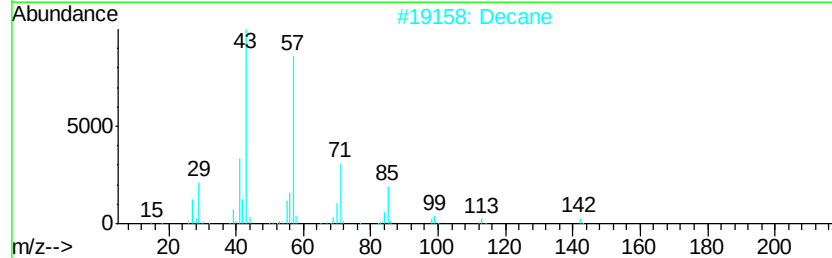
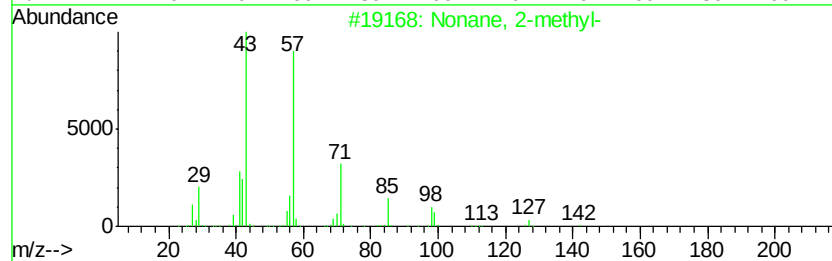
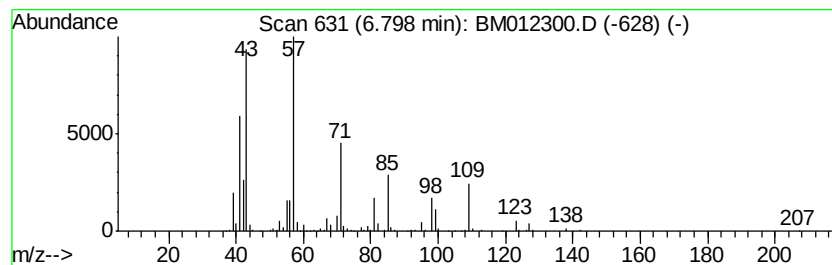
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	3.17 ng/ul	1739740	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	68
2		Decane	142	C10H22	000124-18-5	50
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	47
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
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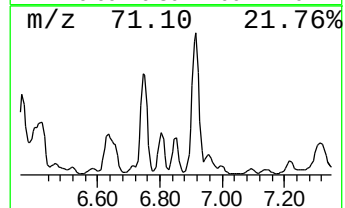
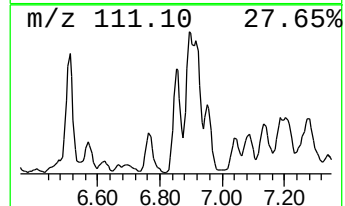
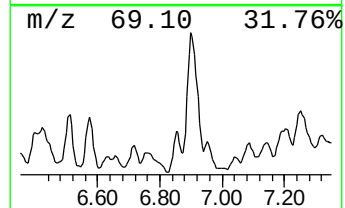
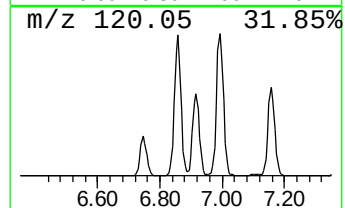
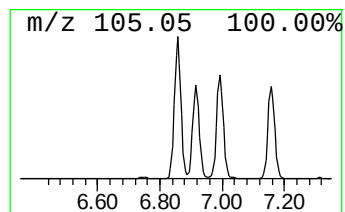
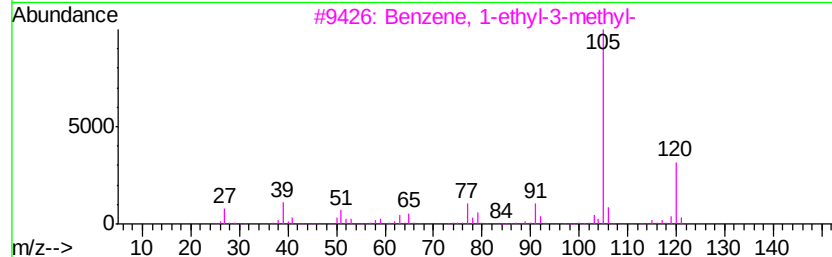
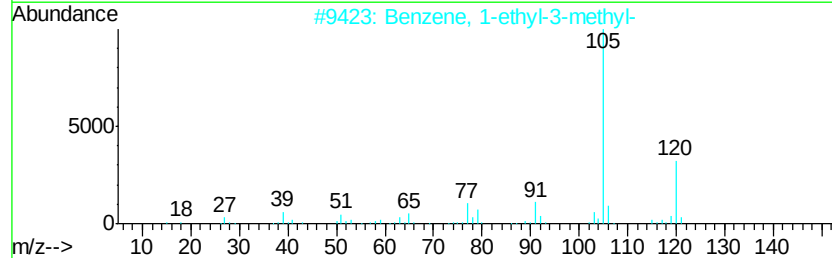
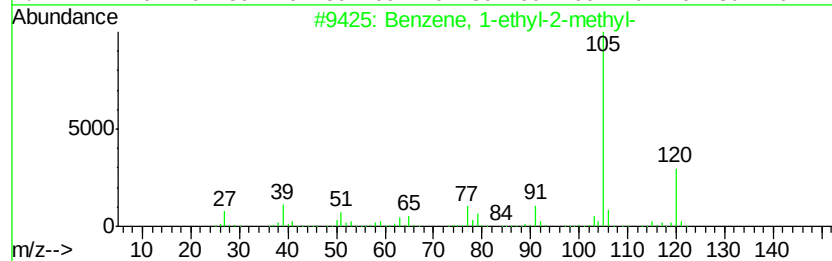
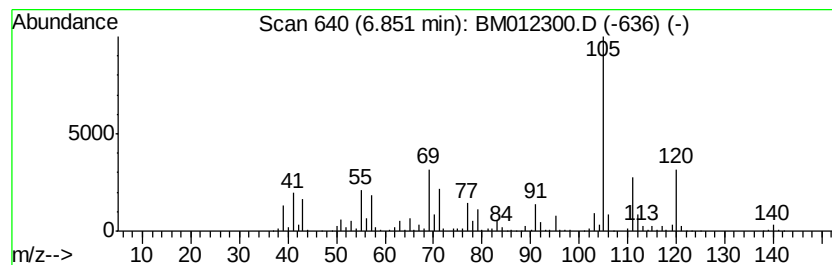
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	5.54 ng/ul	3034690	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
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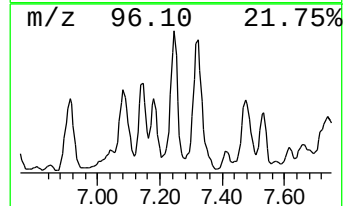
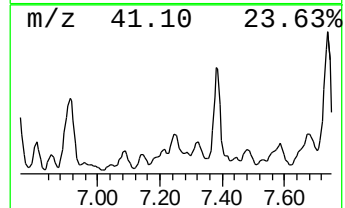
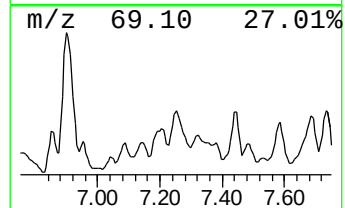
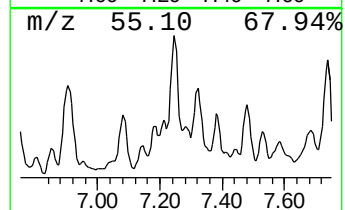
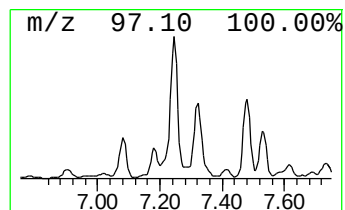
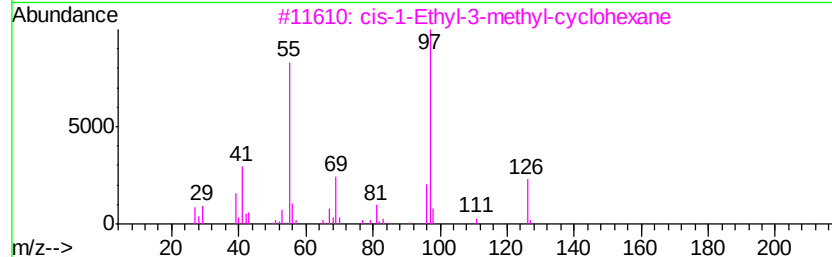
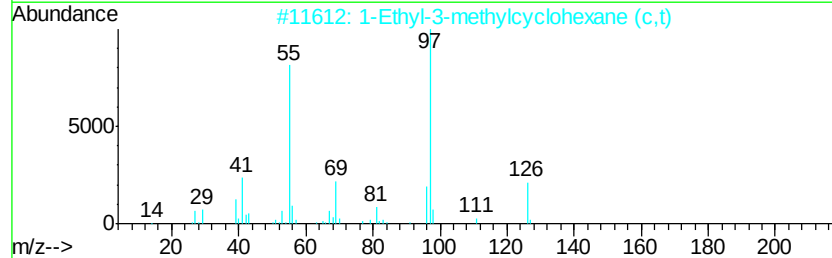
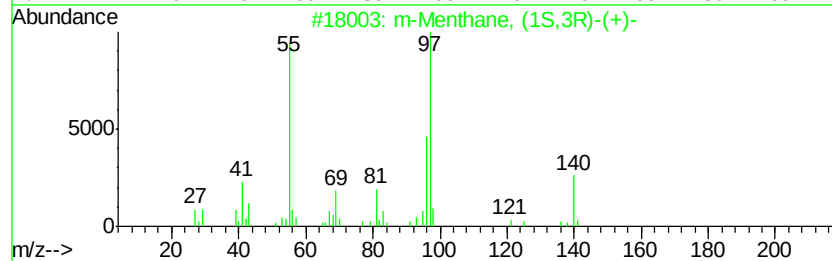
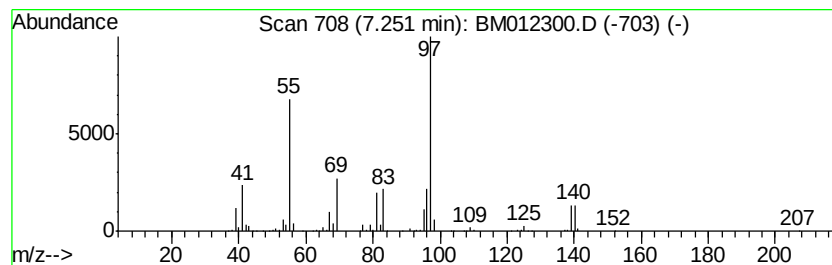
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 m-Menthane, (1S,3R)-(+)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	8.95 ng/ul	4905450	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
4		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64
5		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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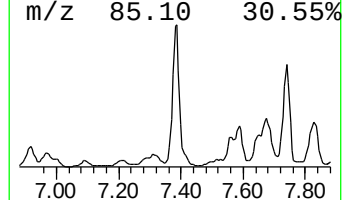
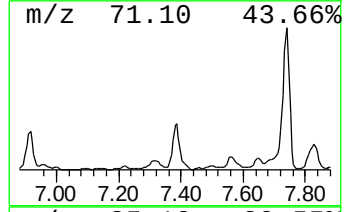
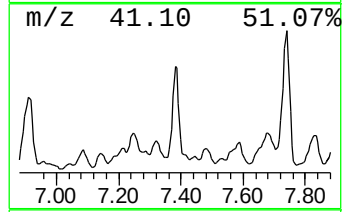
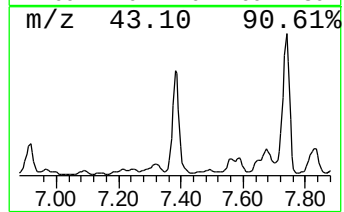
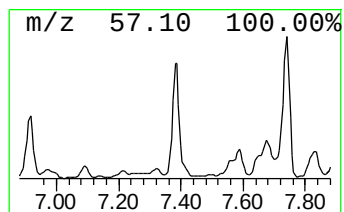
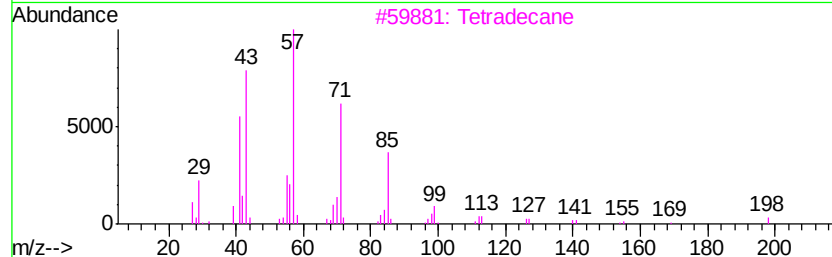
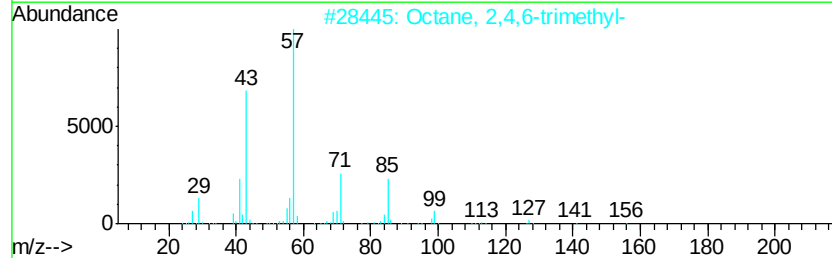
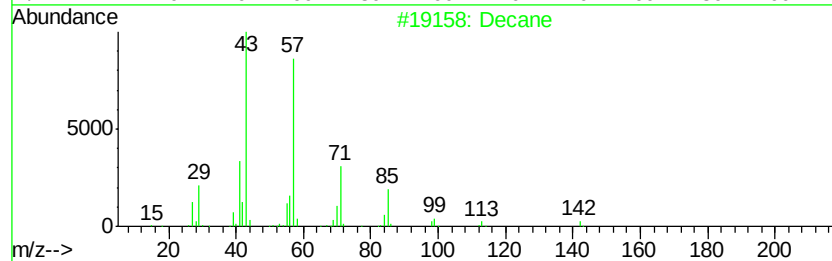
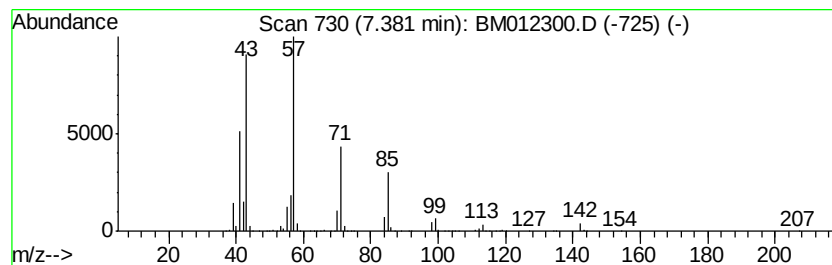
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	11.37 ng/ul	6231710	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
3			Tetradecane	198	C14H30	000629-59-4	83
4			Pentadecane	212	C15H32	000629-62-9	83
5			Dotriacontane	451	C32H66	000544-85-4	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

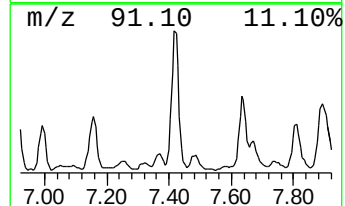
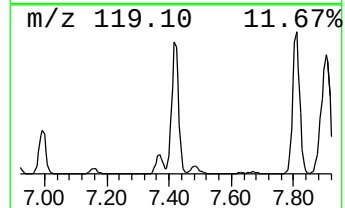
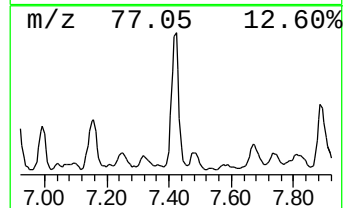
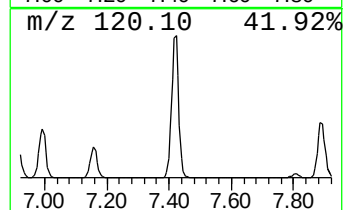
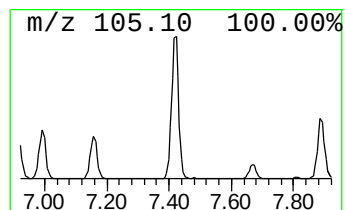
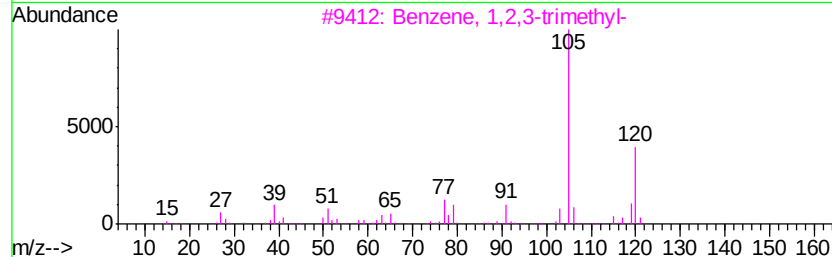
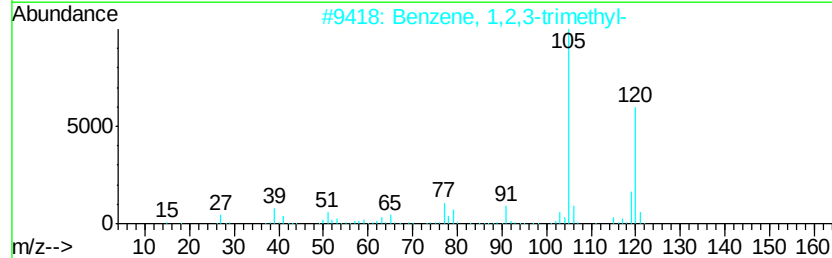
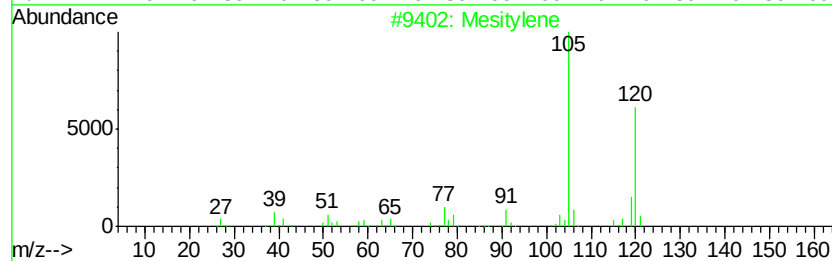
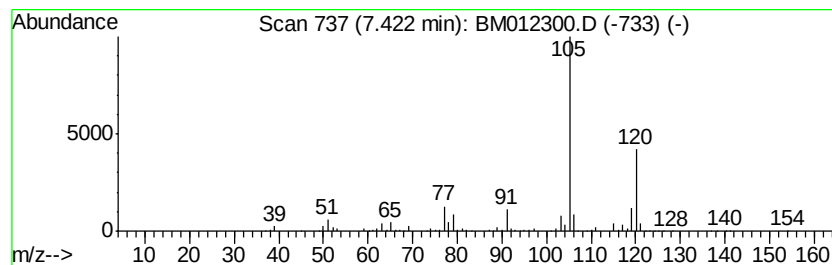
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Mesitylene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	8.85 ng/ul	4848930	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

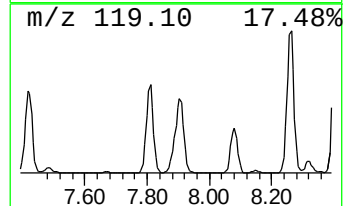
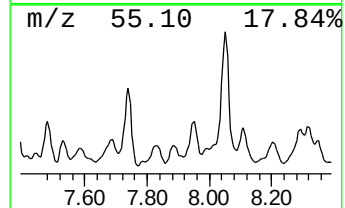
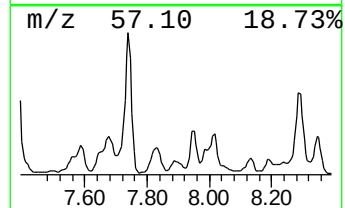
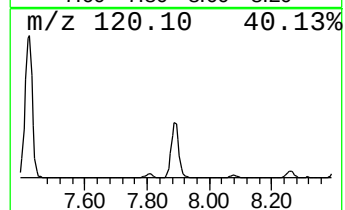
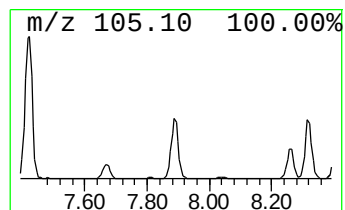
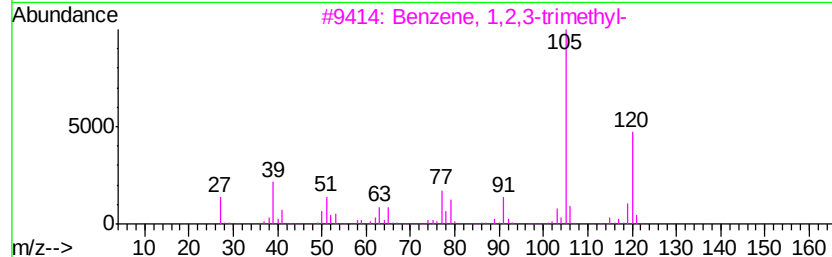
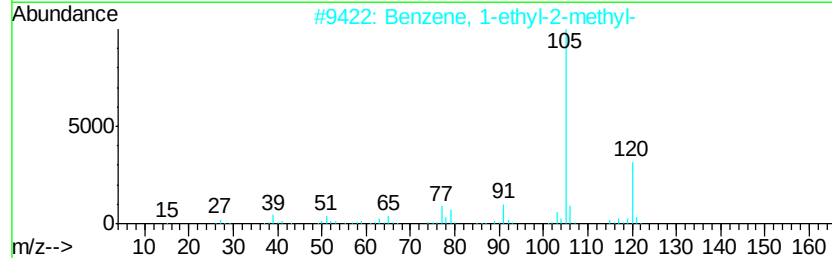
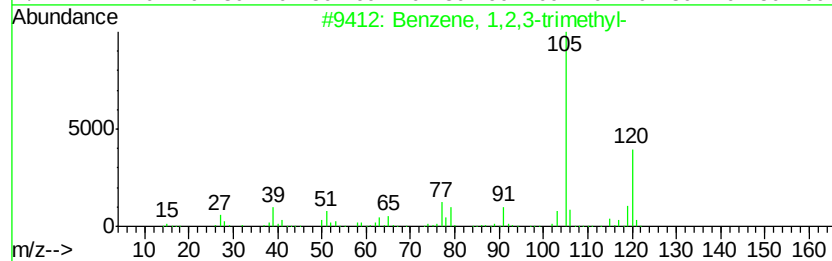
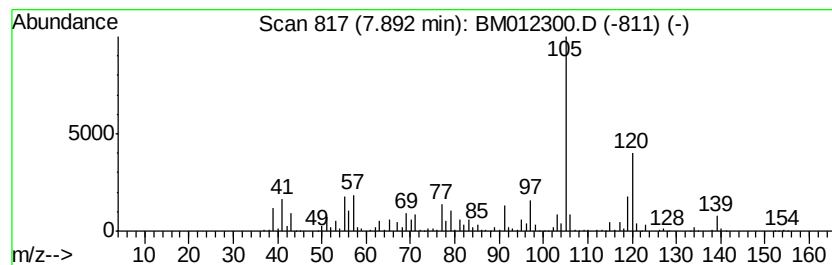
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzene, 1,2,3-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	7.53 ng/ul	4129790	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
B-30(3-3.8)-100417

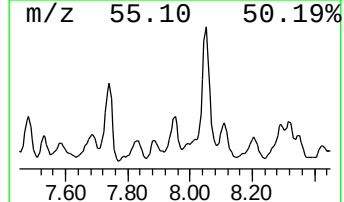
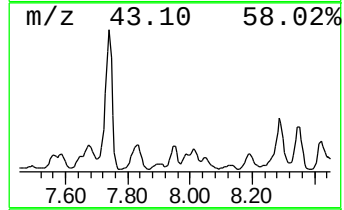
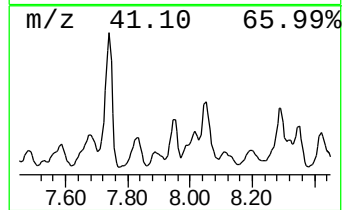
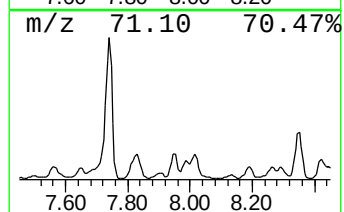
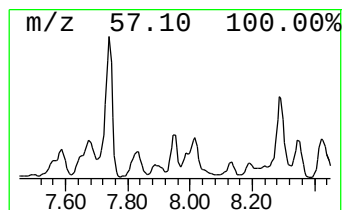
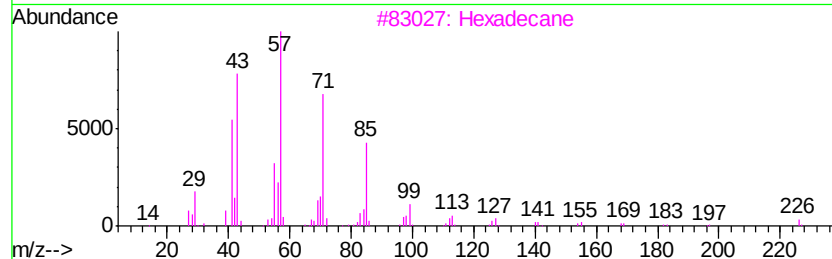
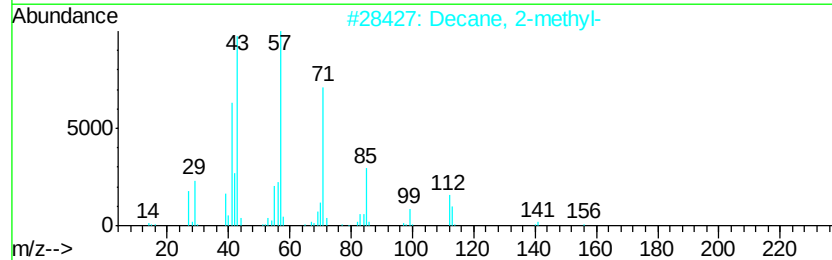
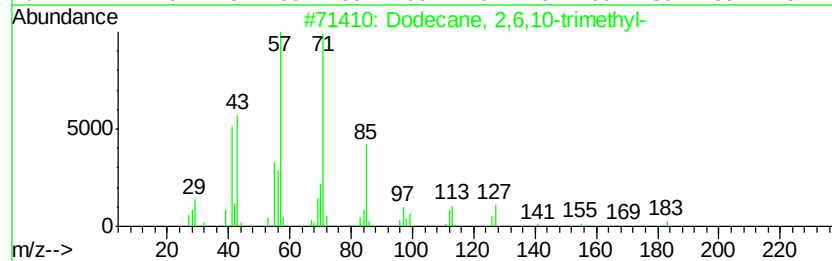
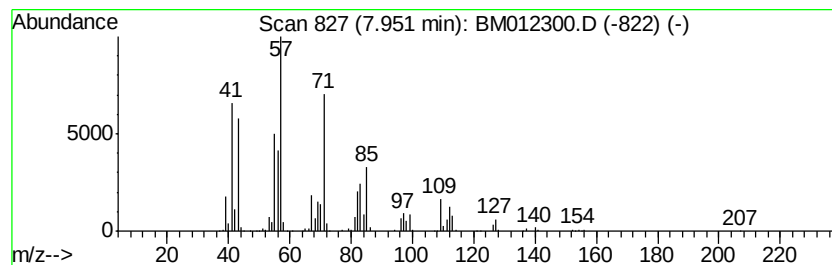
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	6.12 ng/ul	3353820	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
2		Decane, 2-methyl-	156	C11H24	006975-98-0	43
3		Hexadecane	226	C16H34	000544-76-3	43
4		Pentadecane	212	C15H32	000629-62-9	43
5		Nonadecane	268	C19H40	000629-92-5	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
B-30(3-3.8)-100417

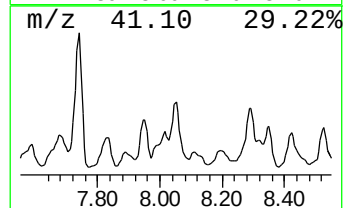
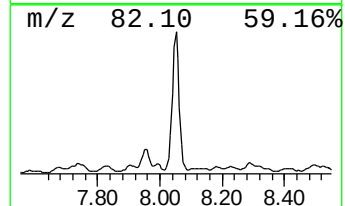
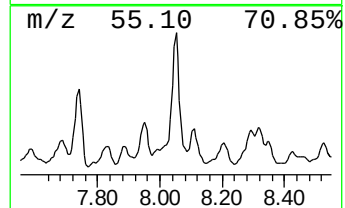
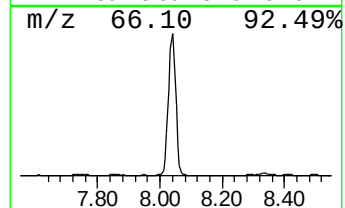
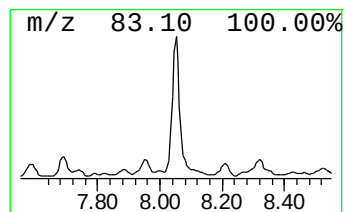
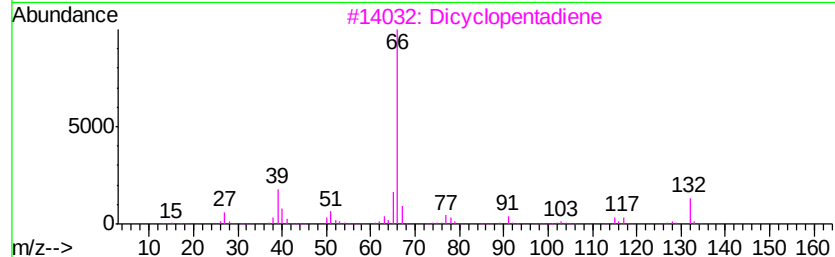
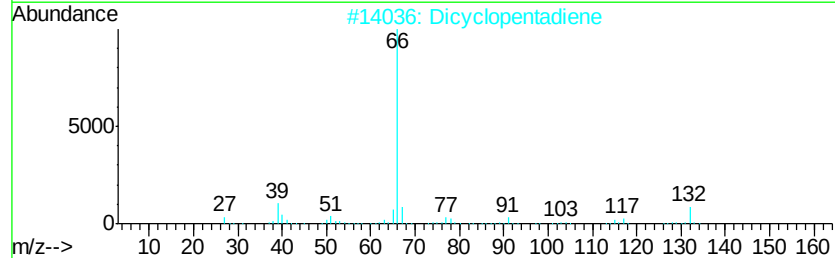
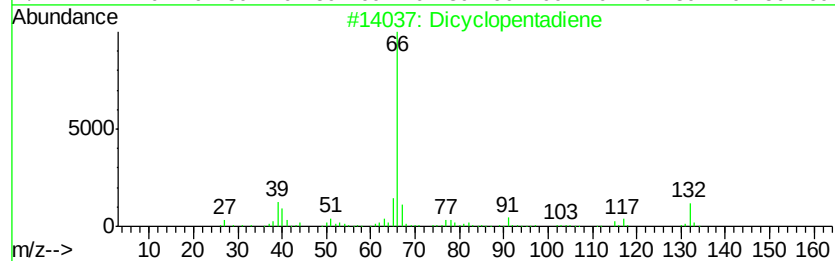
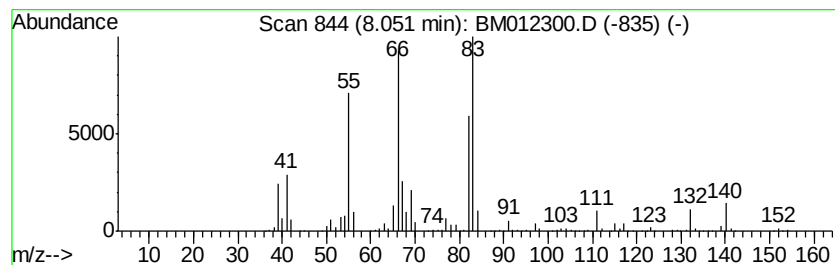
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Dicyclopentadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	23.07 ng/ul	12644200	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dicyclopentadiene	132	C10H12	000077-73-6	81
2		Dicyclopentadiene	132	C10H12	000077-73-6	81
3		Dicyclopentadiene	132	C10H12	000077-73-6	76
4		Dicyclopentadiene	132	C10H12	000077-73-6	74
5		4,7-Methano-1H-inden-1-one, 2,3,...	148	C10H12O	086105-40-0	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

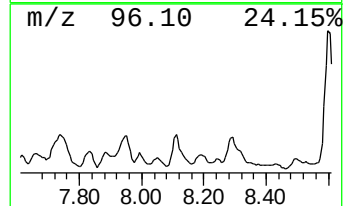
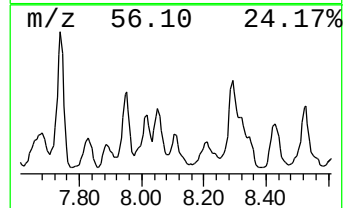
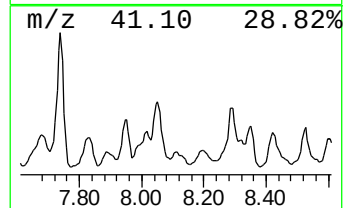
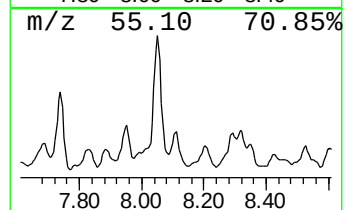
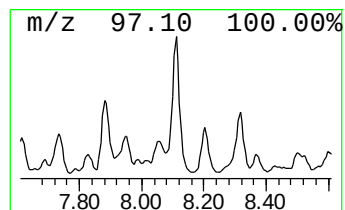
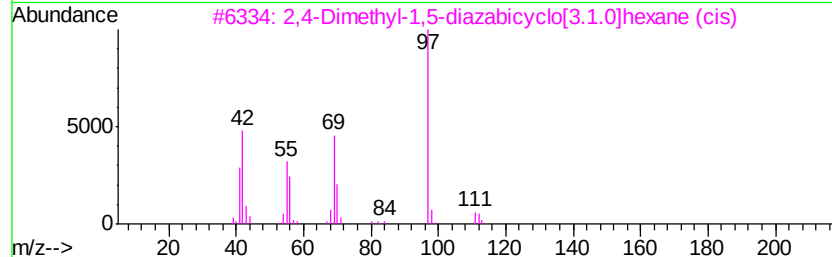
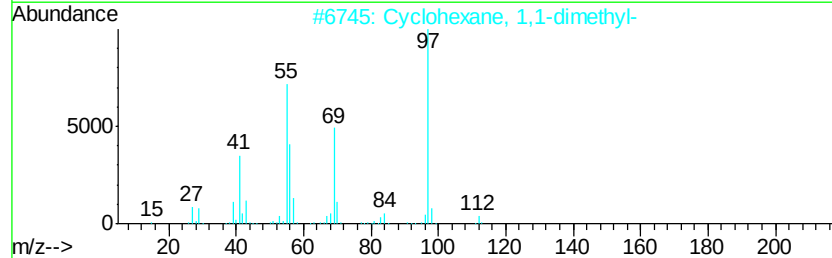
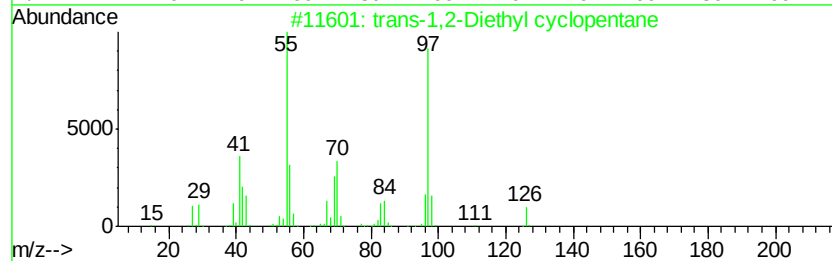
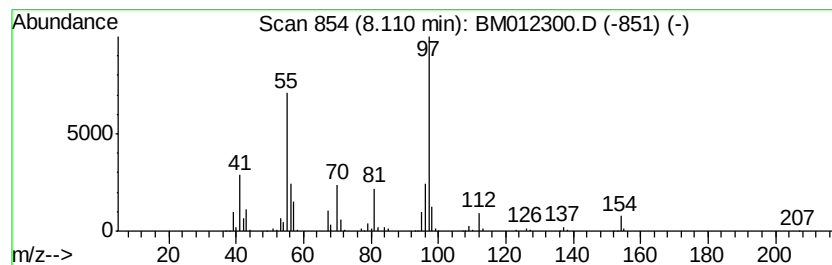
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	2.66 ng/ul	1456160	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane		126	C9H18		000932-40-1	59
2	Cyclohexane, 1,1-dimethyl-		112	C8H16		000590-66-9	58
3	2,4-Dimethyl-1,5-diazabicyclo[3....		112	C6H12N2		100463-01-2	58
4	Oxalic acid, cyclohexylmethyl pr...		228	C12H20O4		1000309-68-1	50
5	2,4-Dimethyl-1,5-diazabicyclo[3....		112	C6H12N2		1000283-20-9	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
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ALS Vial : 19 Sample Multiplier: 1

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B-30(3-3.8)-100417

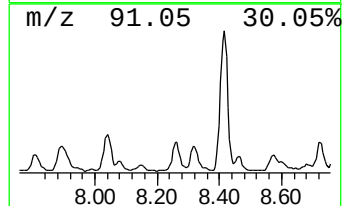
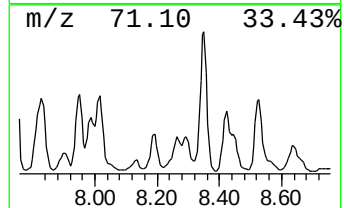
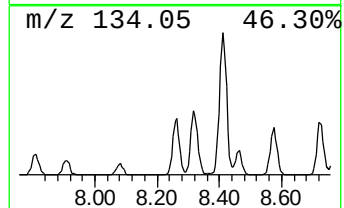
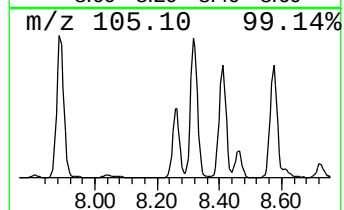
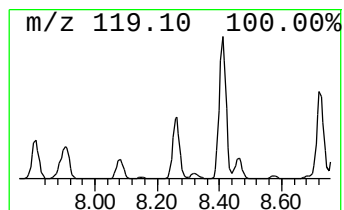
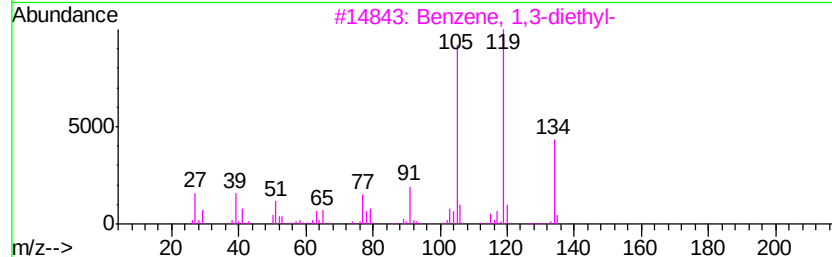
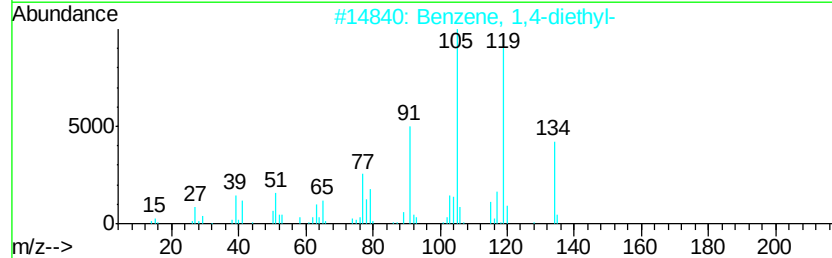
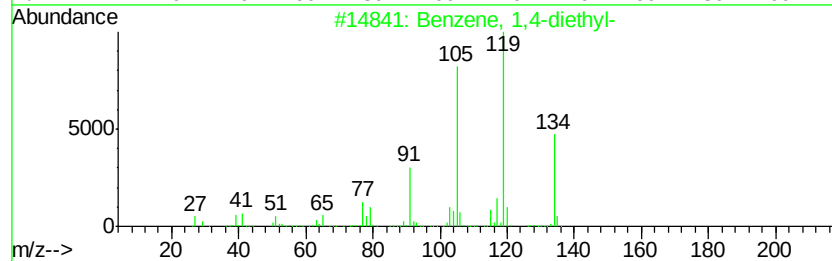
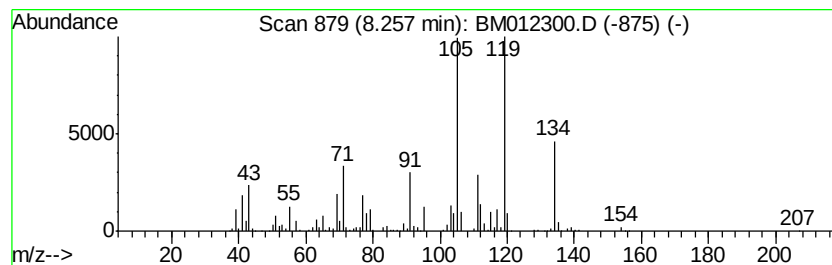
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Benzene, 1,4-diethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	3.44 ng/ul	1887270	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

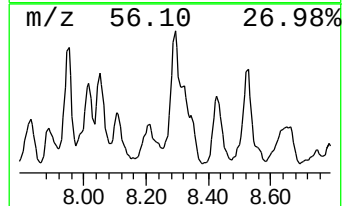
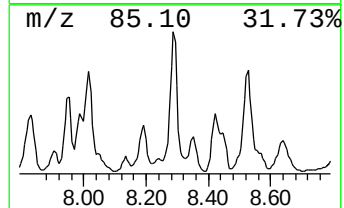
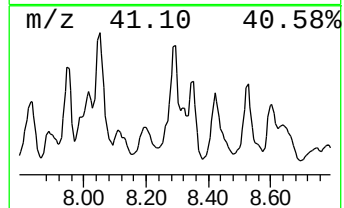
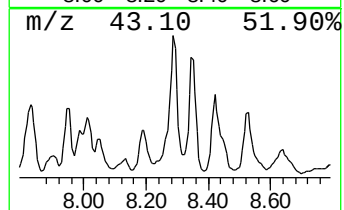
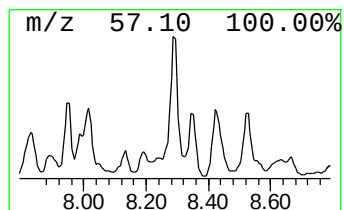
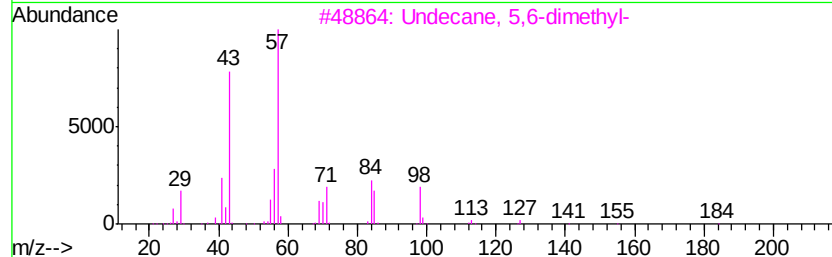
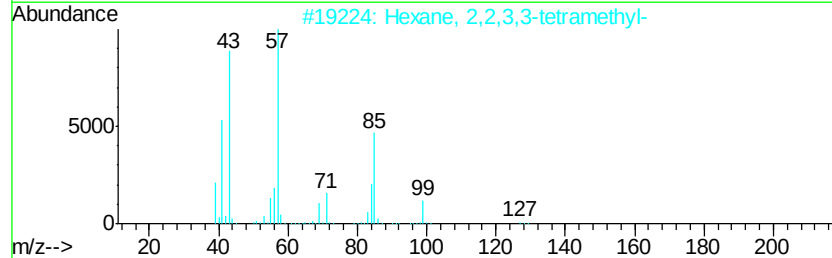
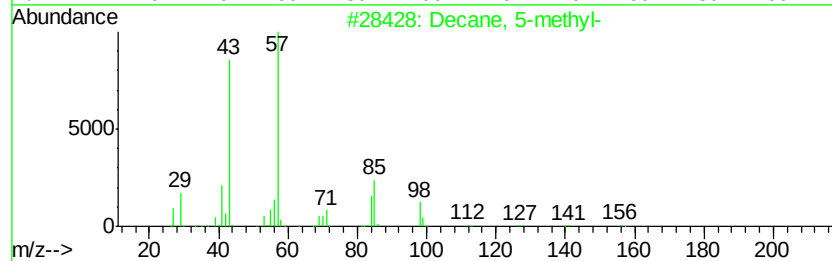
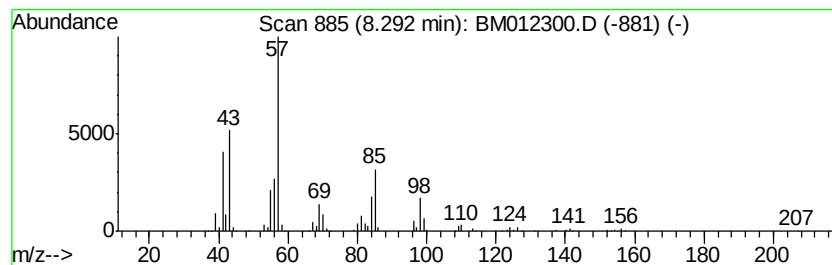
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	7.49 ng/ul	4108000	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	64
2			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
3			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
5			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

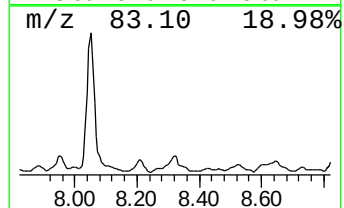
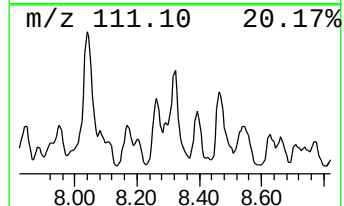
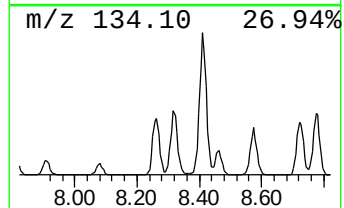
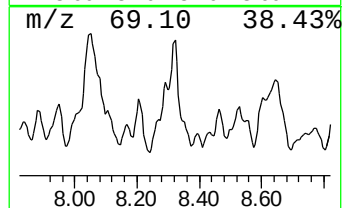
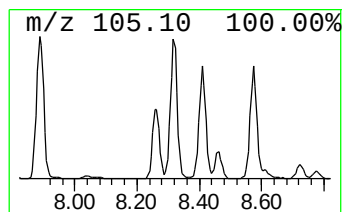
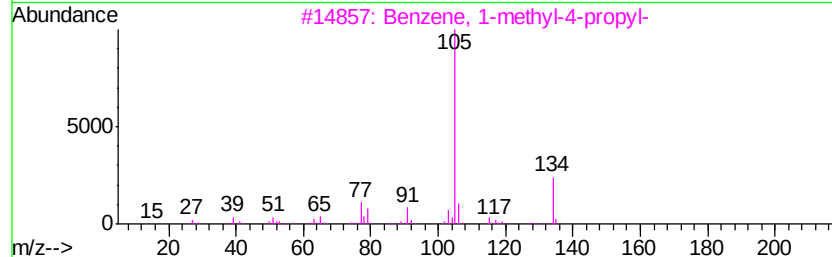
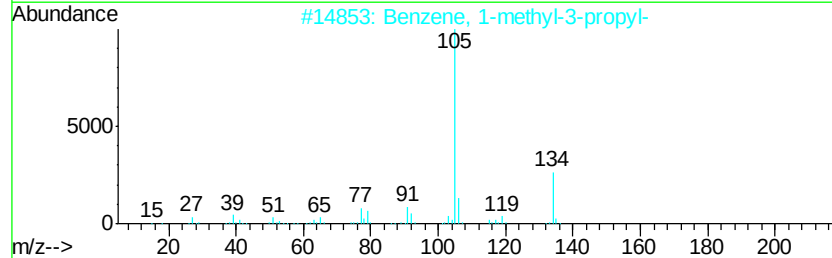
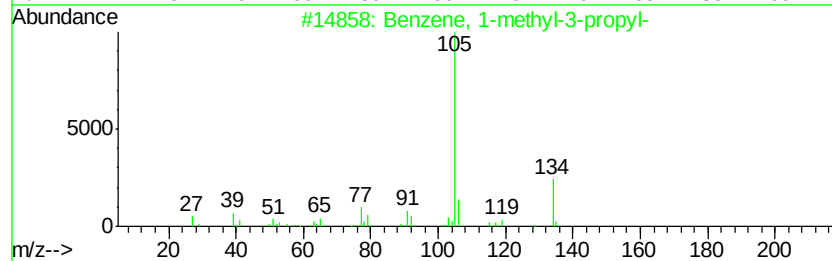
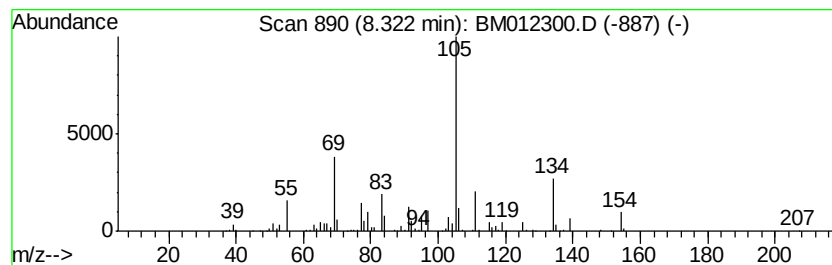
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzene, 1-methyl-3-propyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	4.89 ng/ul	2681610	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
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Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

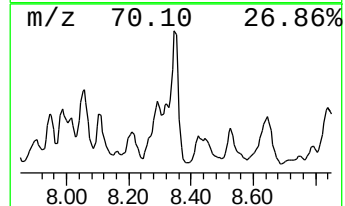
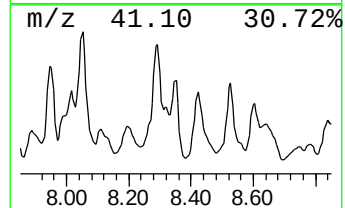
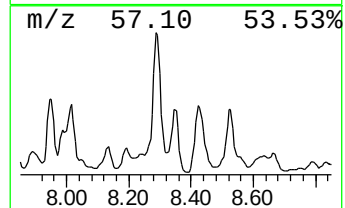
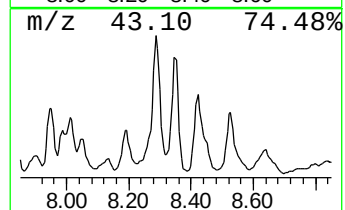
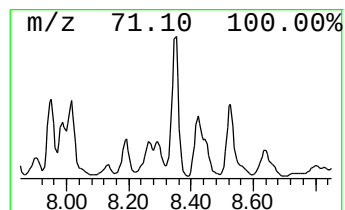
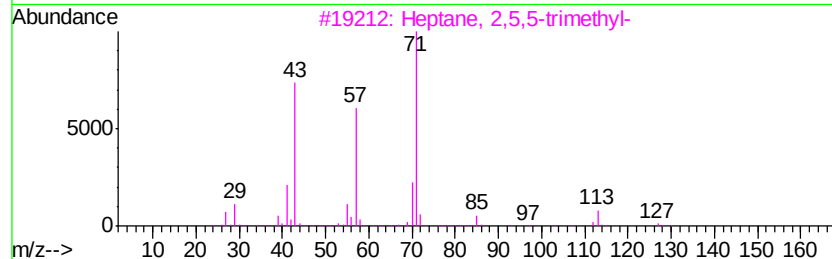
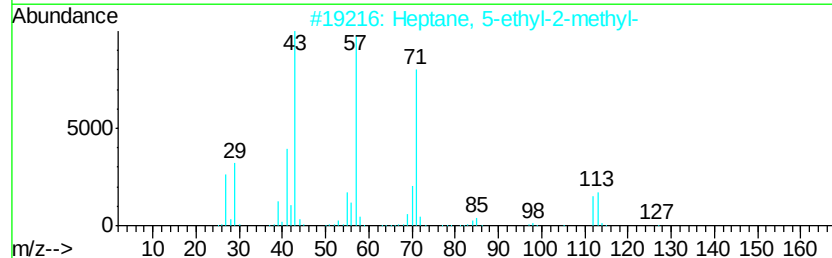
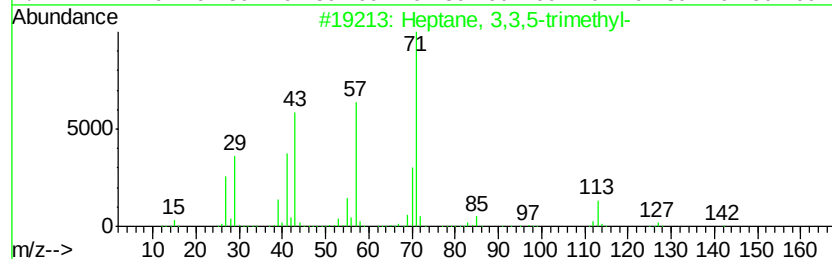
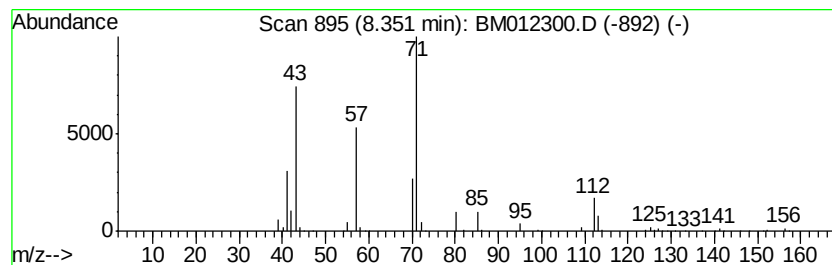
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	6.10 ng/ul	3341440	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
2			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
3			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64
4			Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	64
5			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

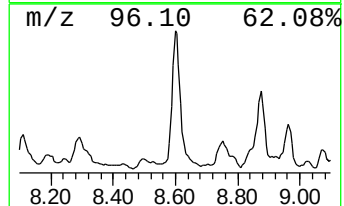
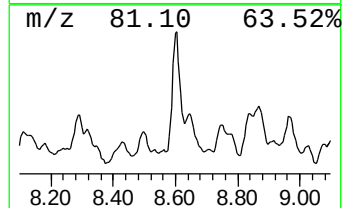
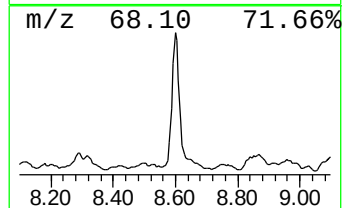
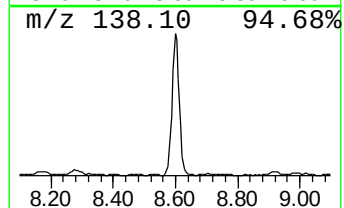
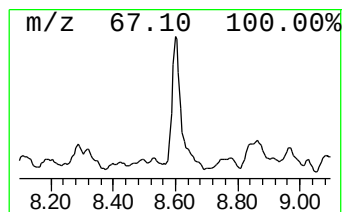
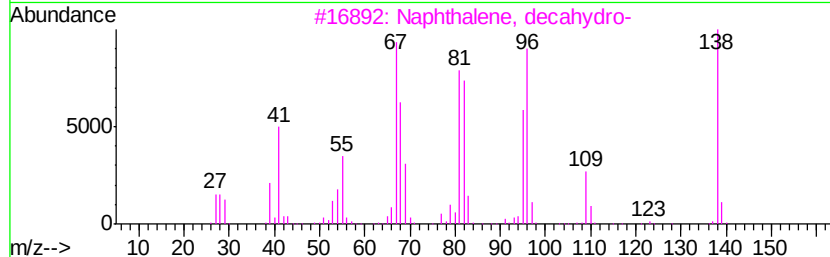
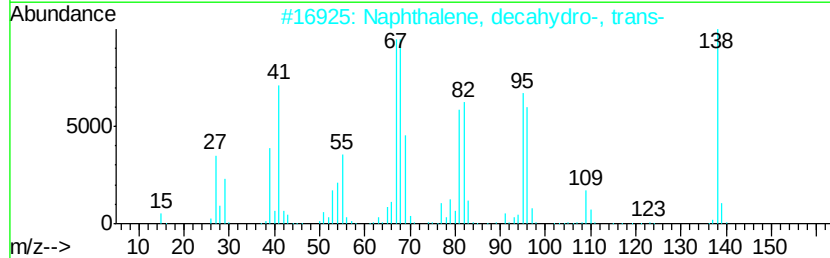
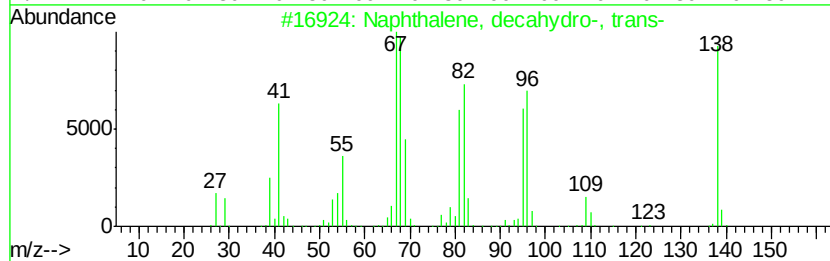
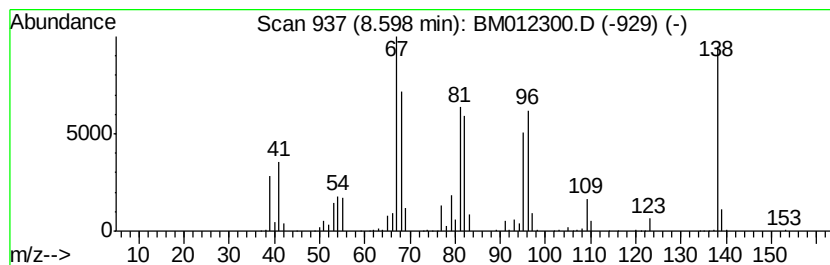
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Naphthalene, decahydro-, tr... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	7.55 ng/ul	4139490	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
5			Spiro[4.5]decane	138	C10H18	000176-63-6	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
B-30(3-3.8)-100417

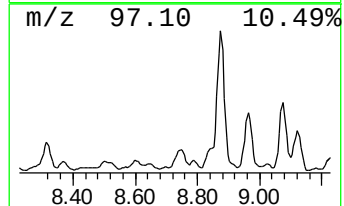
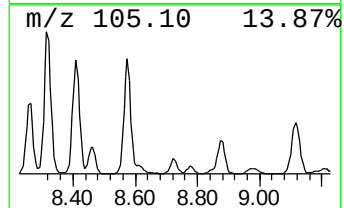
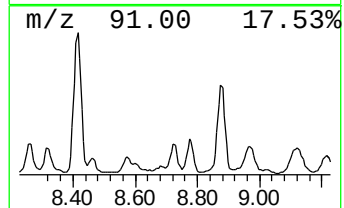
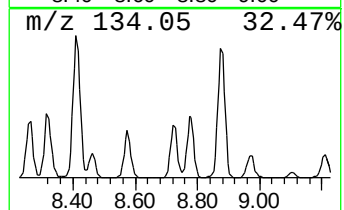
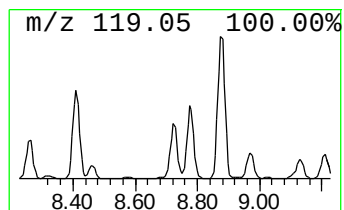
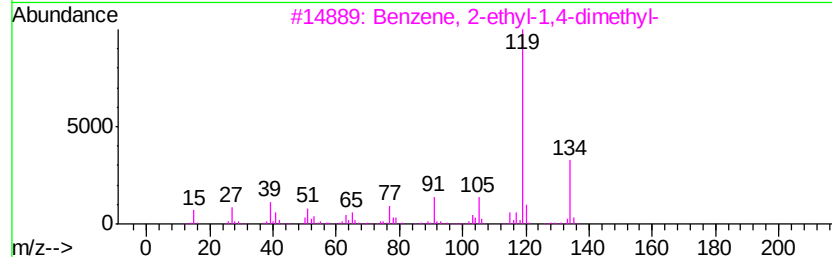
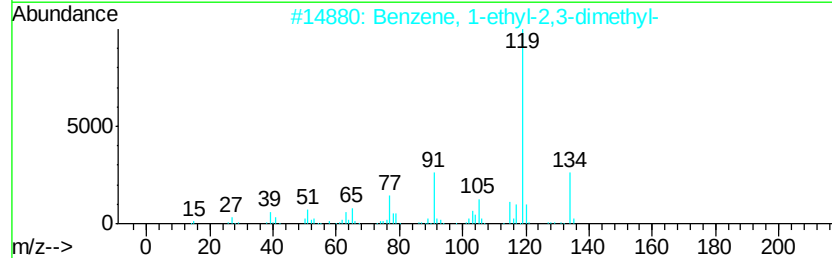
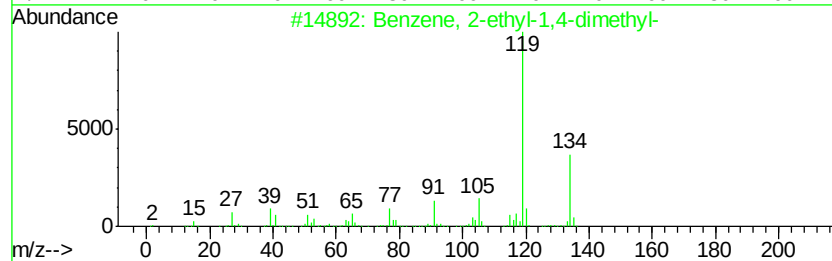
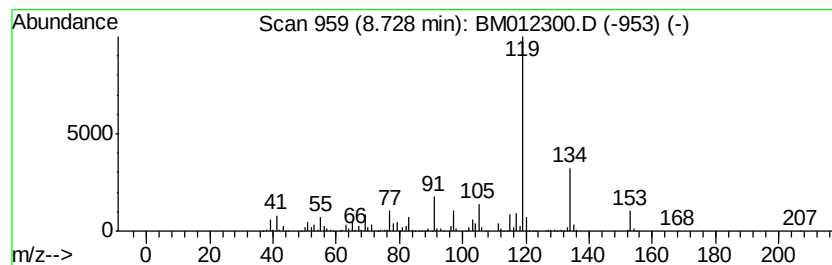
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.53 ng/ul	1935940	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

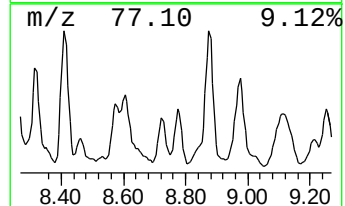
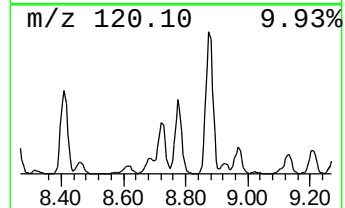
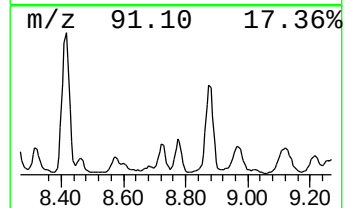
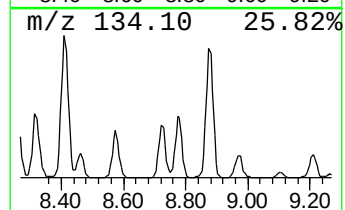
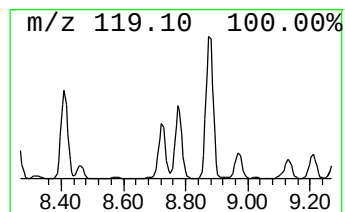
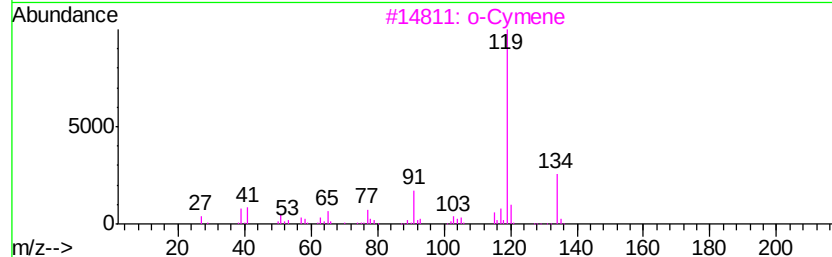
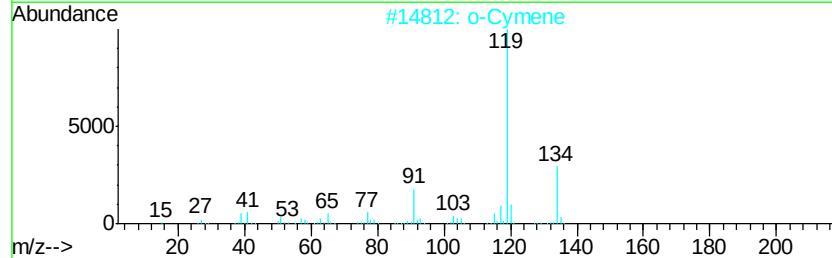
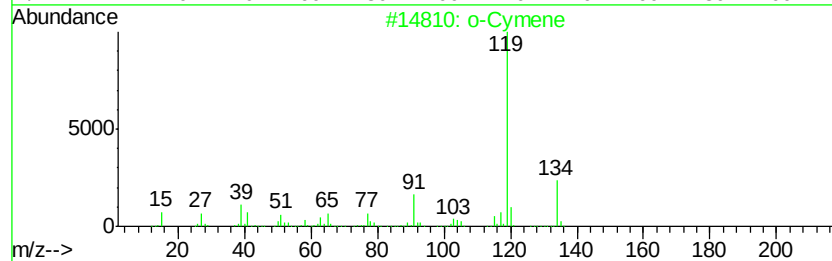
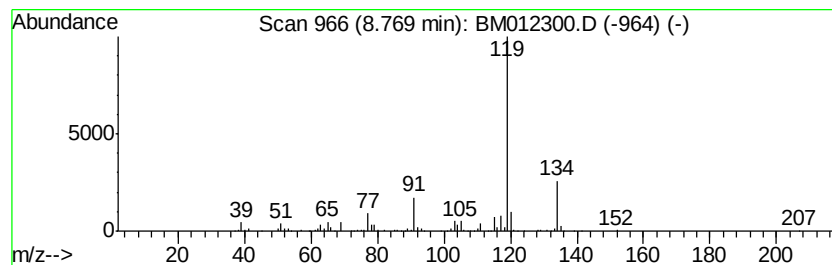
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 o-Cymene Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	3.50 ng/ul	1916950	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			o-Cymene	134	C10H14	000527-84-4	97
3			o-Cymene	134	C10H14	000527-84-4	97
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5			p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
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Operator : SJ/JU
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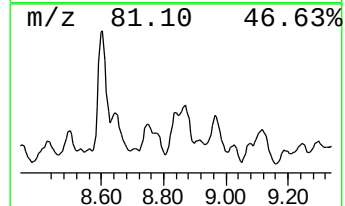
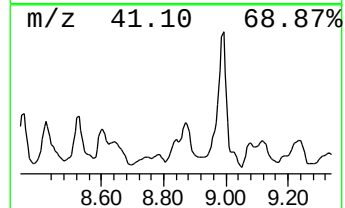
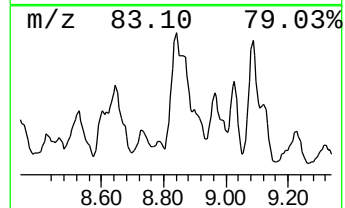
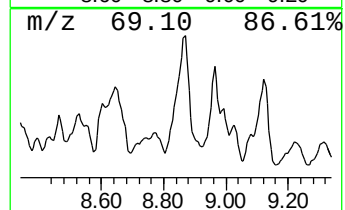
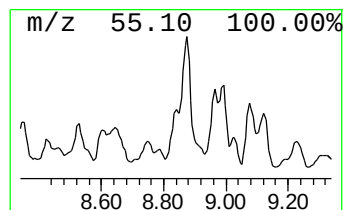
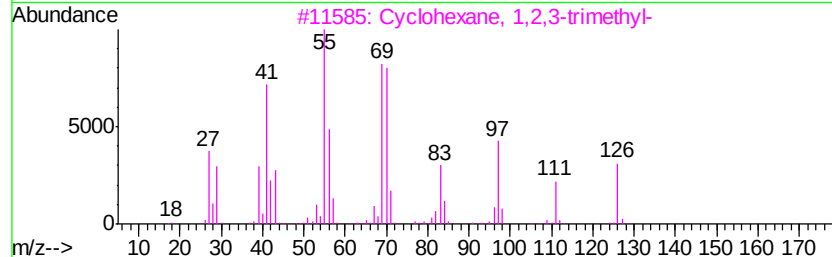
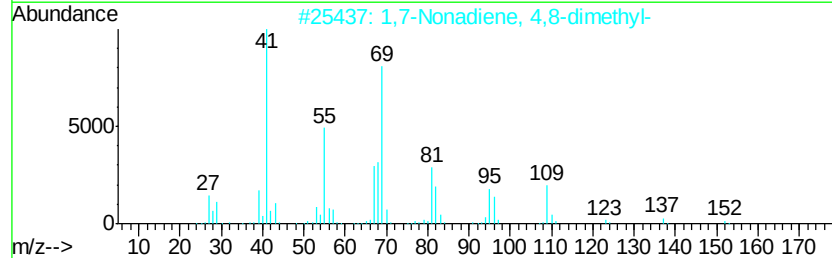
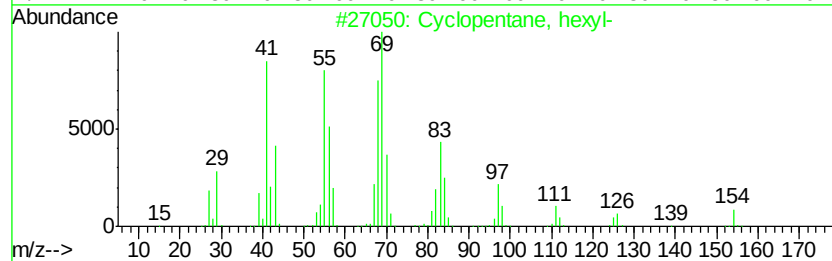
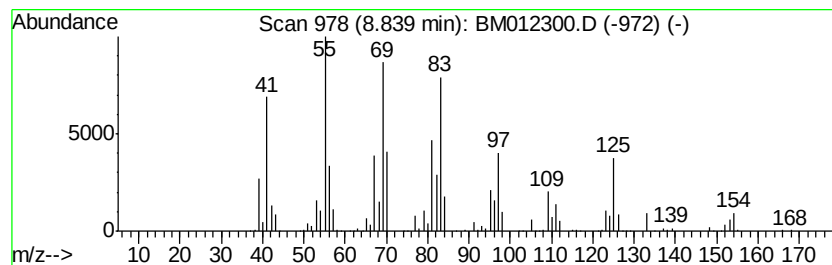
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	3.34 ng/ul	1833240	1,4-Dichlorobenzene-d4	7.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, hexyl-	154	C11H22	004457-00-5	38
2			1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	38
3			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	38
4			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	38
5			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

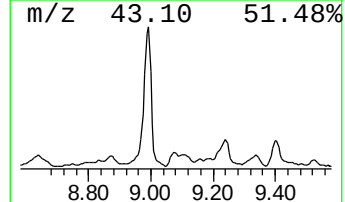
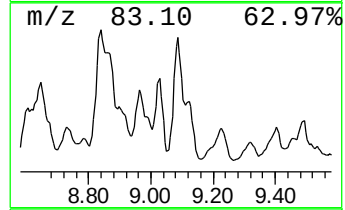
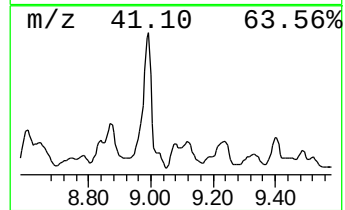
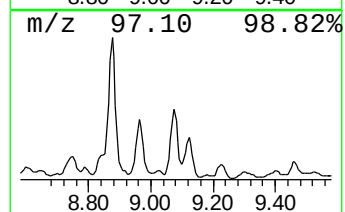
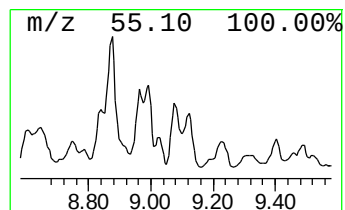
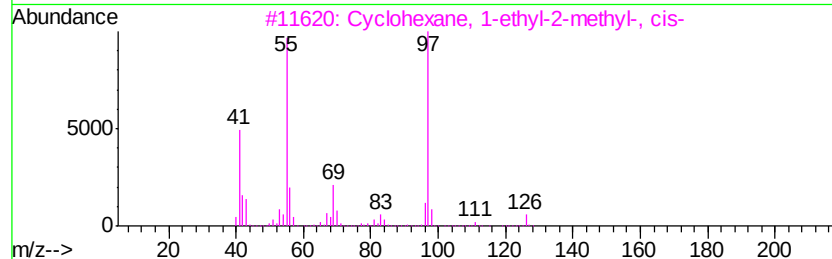
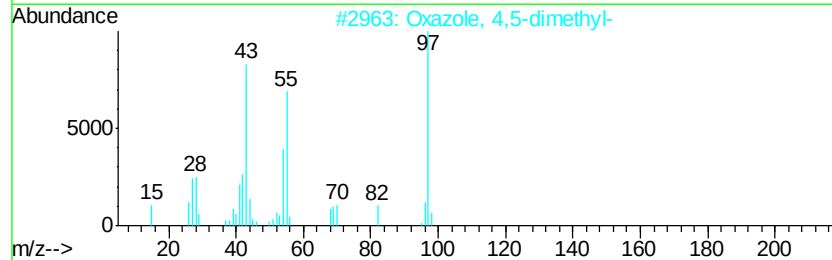
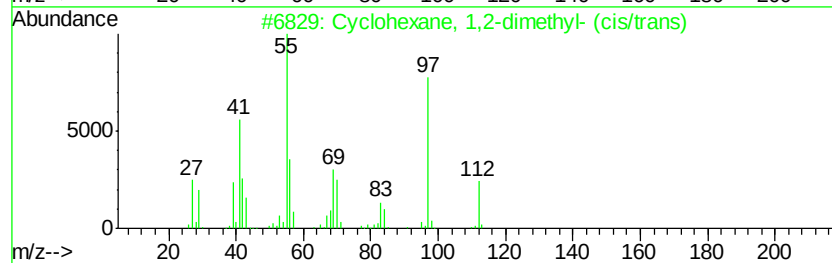
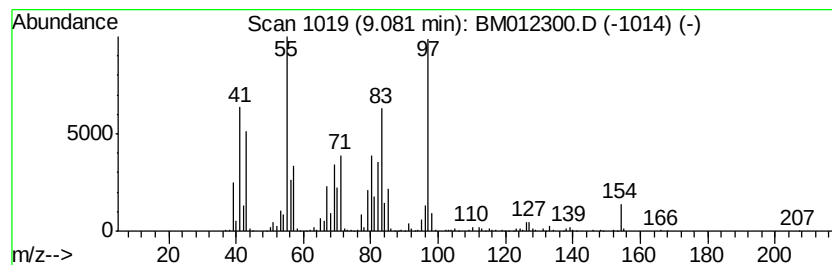
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Cyclic9.08 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	3.90 ng/ul	2138180	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	27
2		Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	27
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	25
4		Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	25
5		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

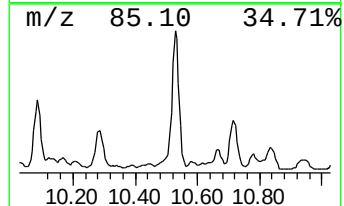
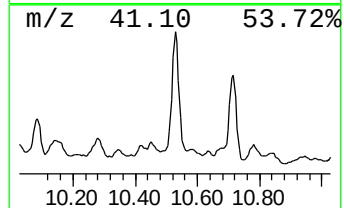
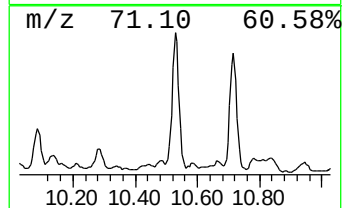
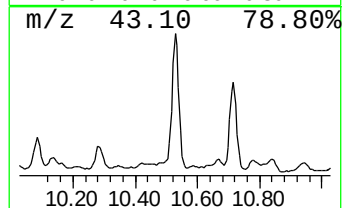
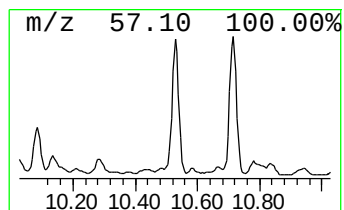
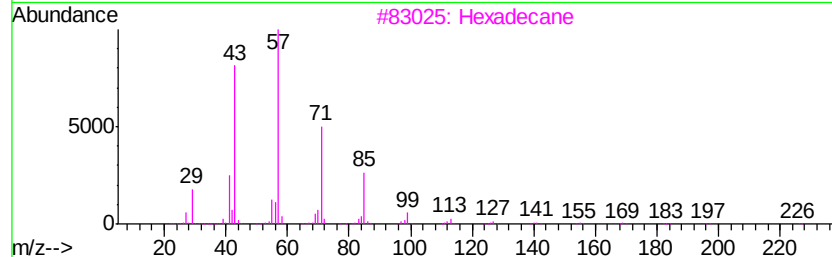
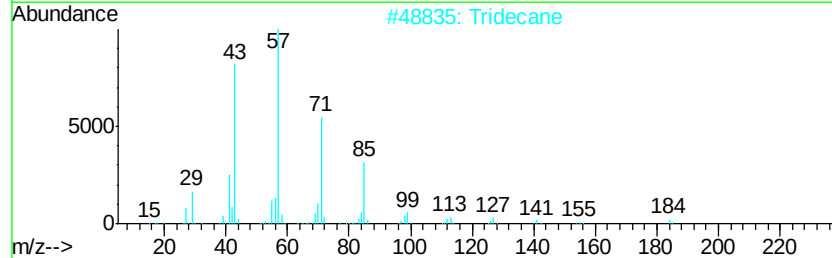
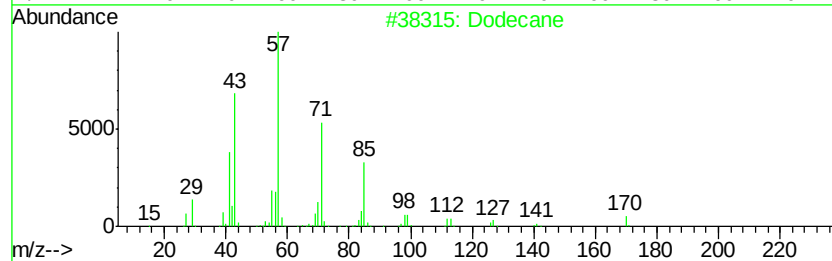
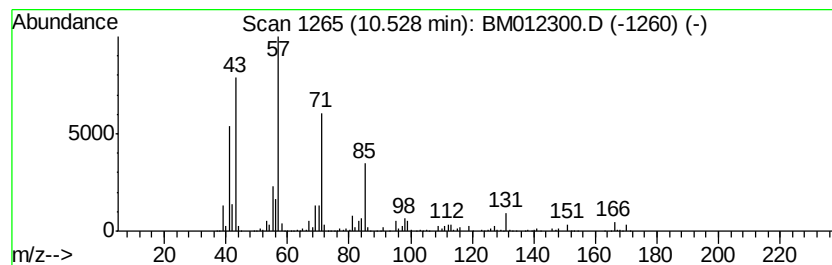
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	37.24 ng/ul	3753070	Napthalene-d8	10.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	93
2		Tridecane	184	C13H28	000629-50-5	72
3		Hexadecane	226	C16H34	000544-76-3	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

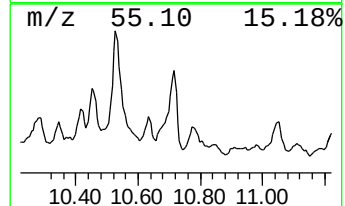
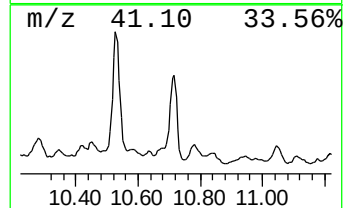
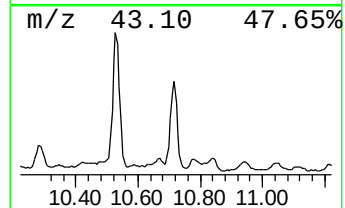
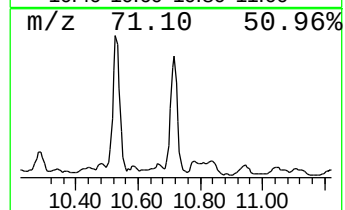
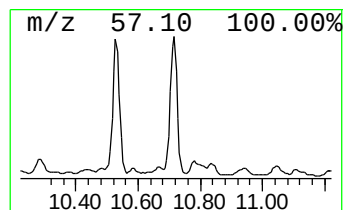
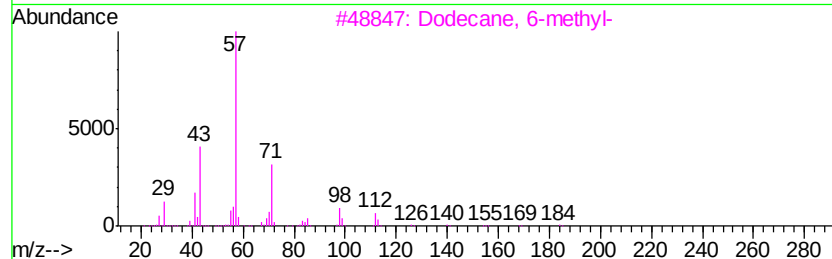
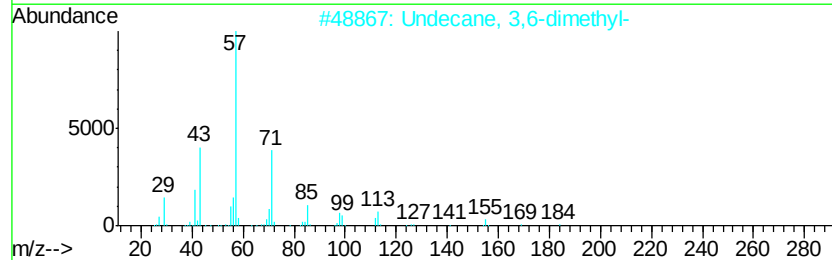
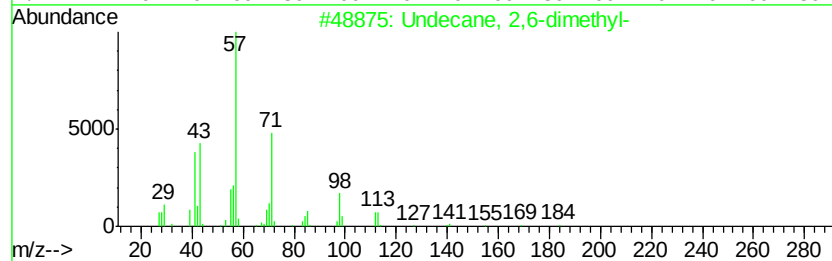
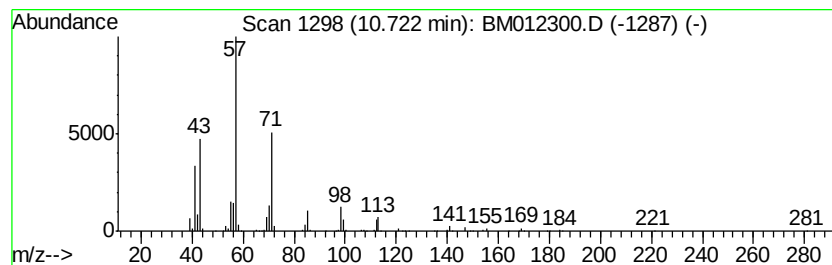
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	27.67 ng/ul	2789250	Napthalene-d8	10.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	74
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

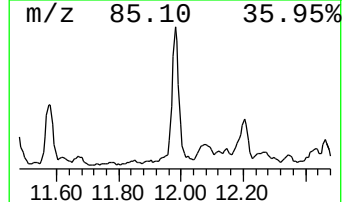
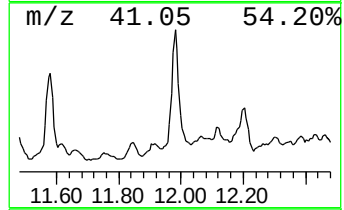
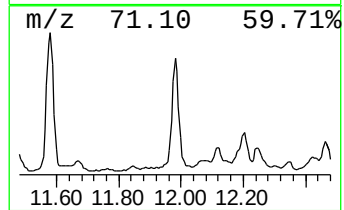
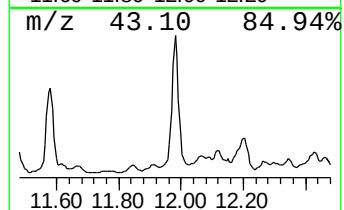
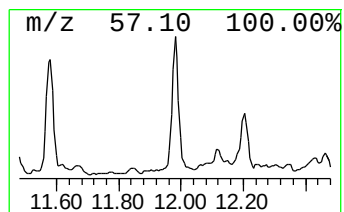
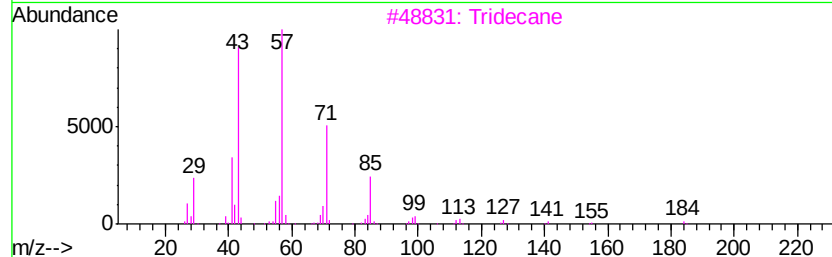
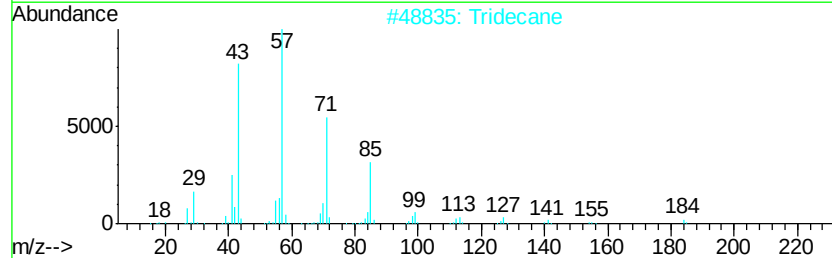
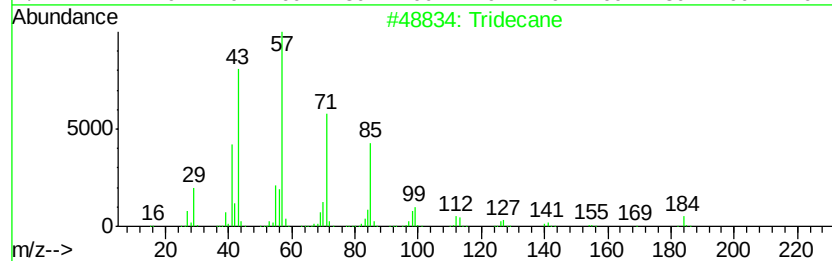
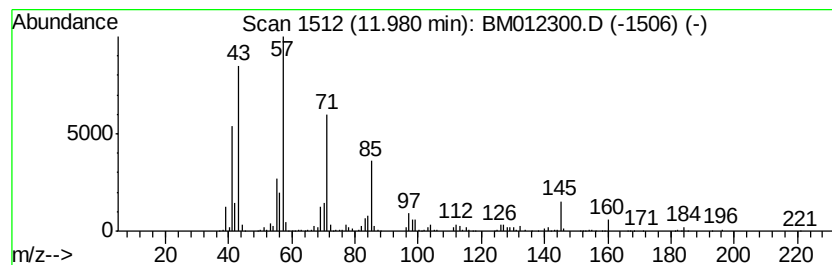
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	25.91 ng/ul	2611030	Napthalene-d8	10.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tridecane	184	C13H28	000629-50-5	93
3		Tridecane	184	C13H28	000629-50-5	81
4		Tridecane	184	C13H28	000629-50-5	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

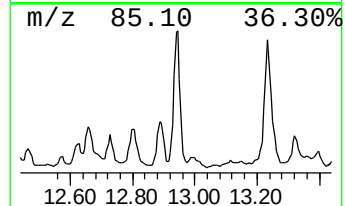
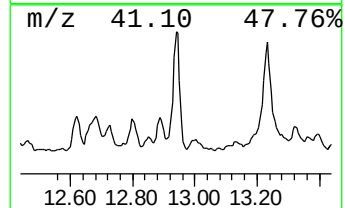
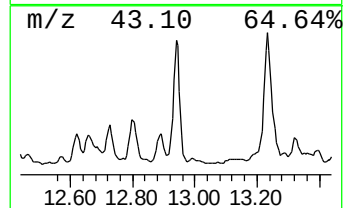
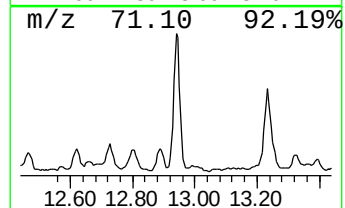
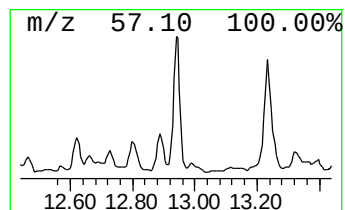
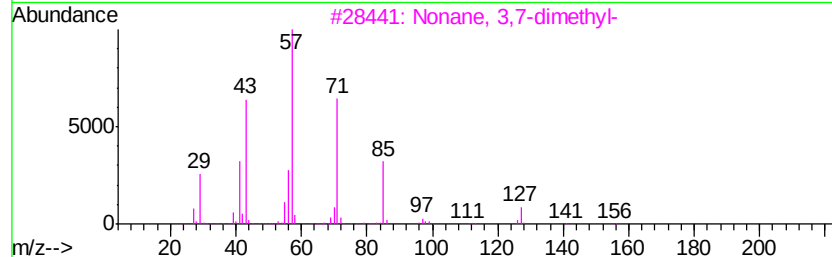
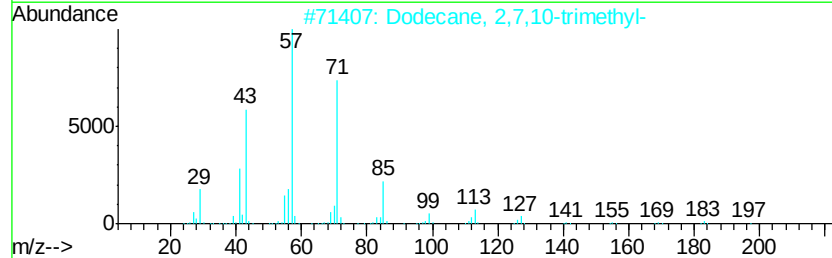
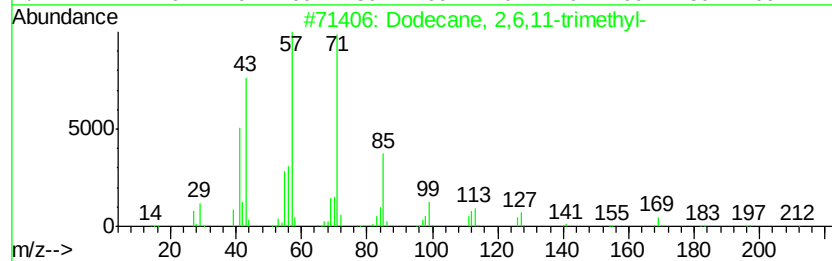
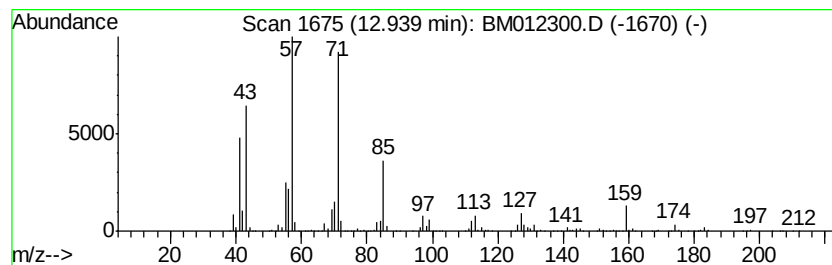
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	18.06 ng/ul	2630720	Acenaphthene-d10	14.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

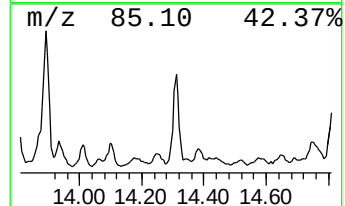
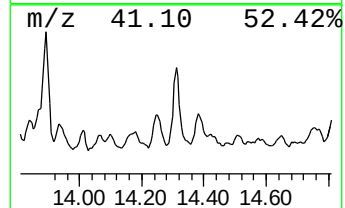
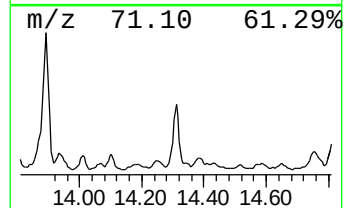
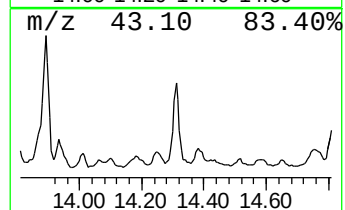
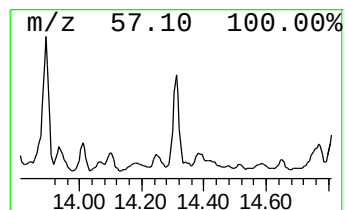
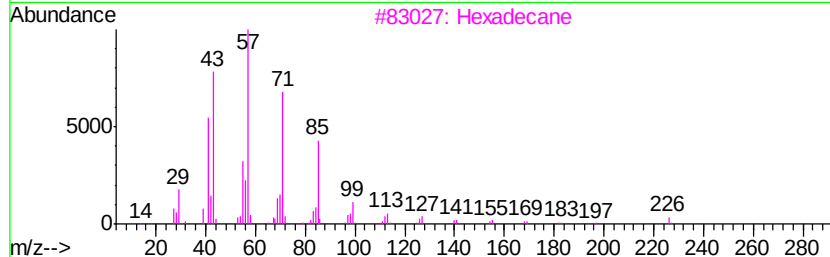
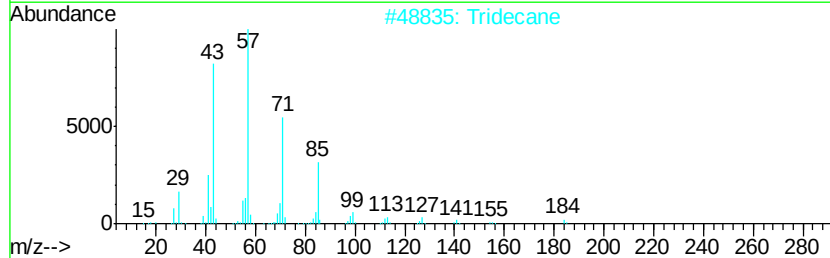
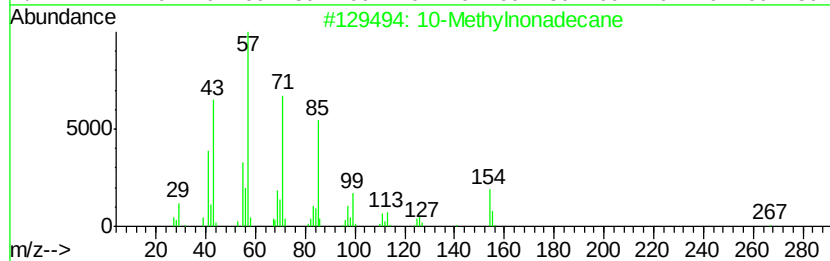
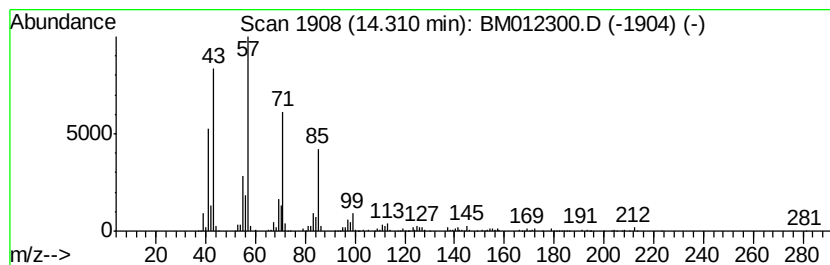
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	10.33 ng/ul	1504350	Acenaphthene-d10	14.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-30(3-3.8)-100417

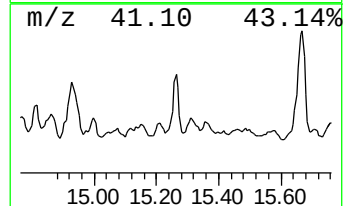
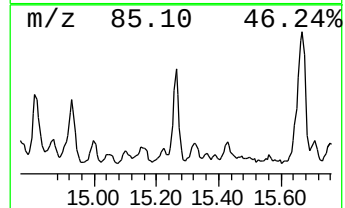
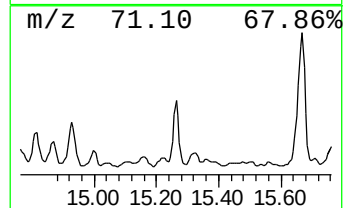
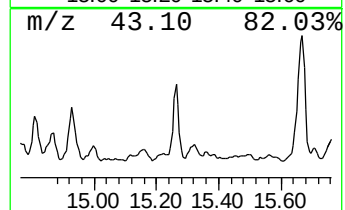
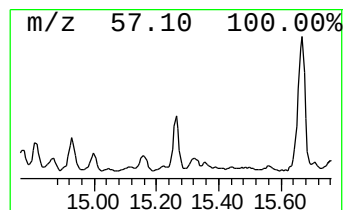
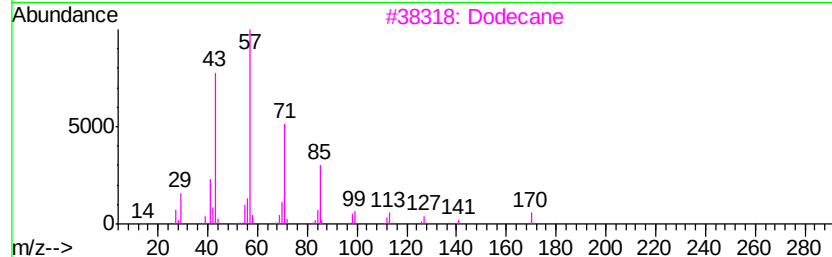
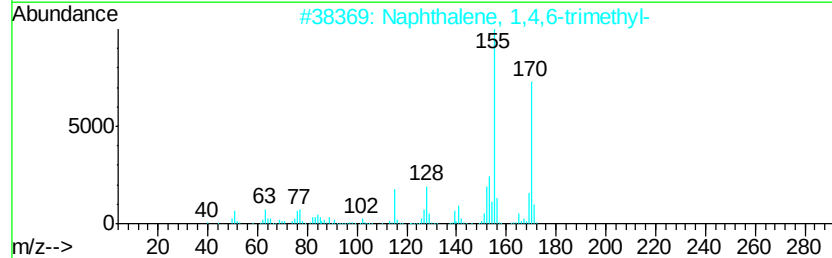
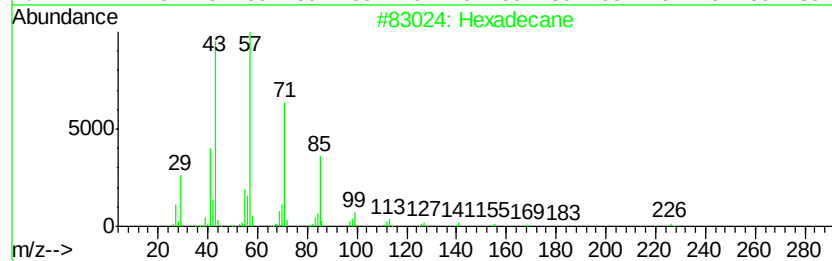
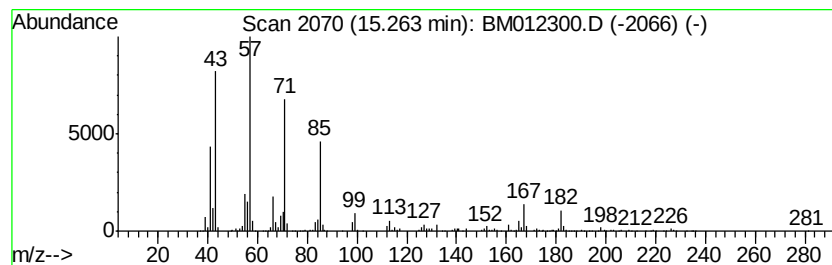
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	11.32 ng/ul	1648080	Acenaphthene-d10	14.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	53
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	48
3			Dodecane	170	C12H26	000112-40-3	30
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	25
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	20



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

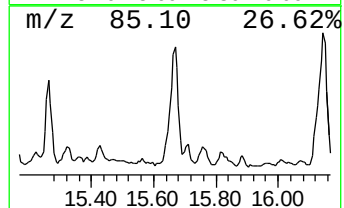
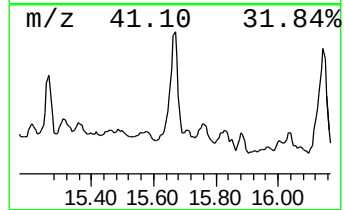
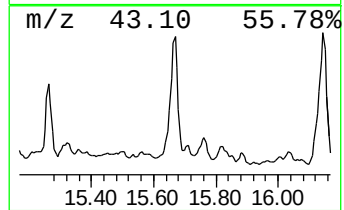
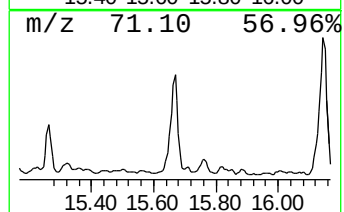
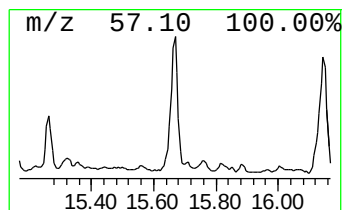
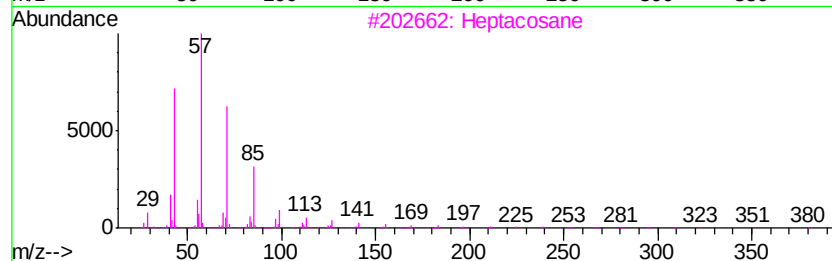
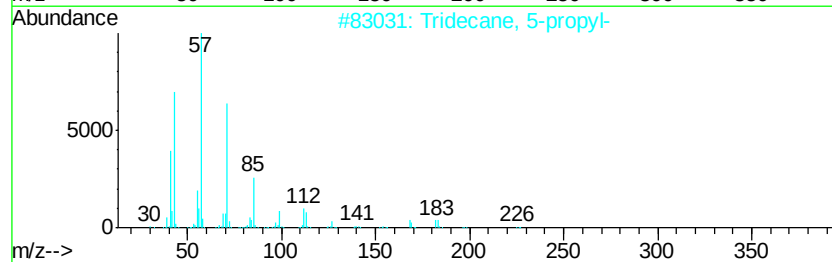
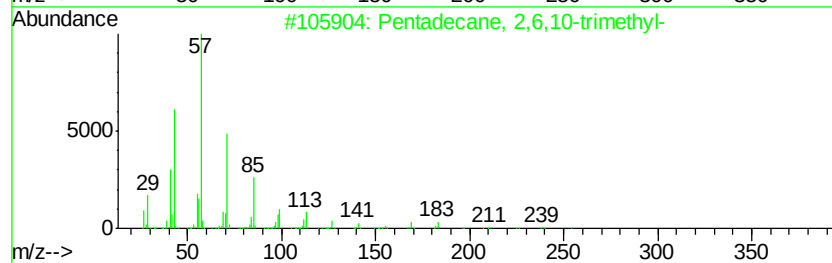
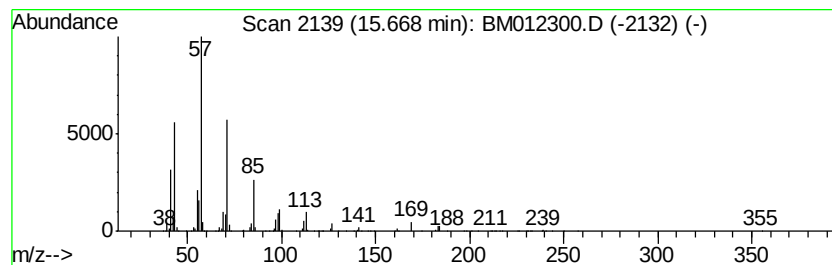
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	23.30 ng/ul	3393780	Acenaphthene-d10	14.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3		Heptacosane	380	C27H56	000593-49-7	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

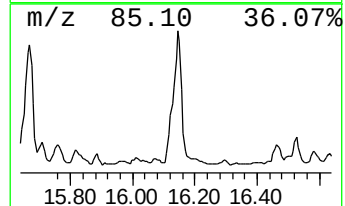
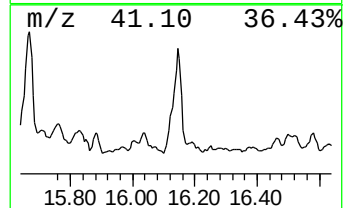
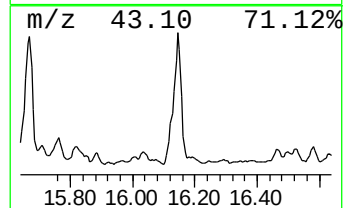
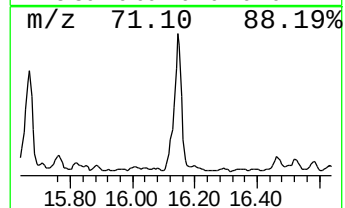
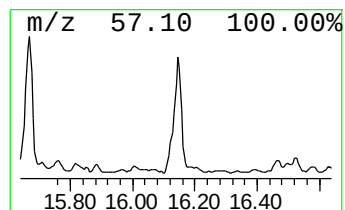
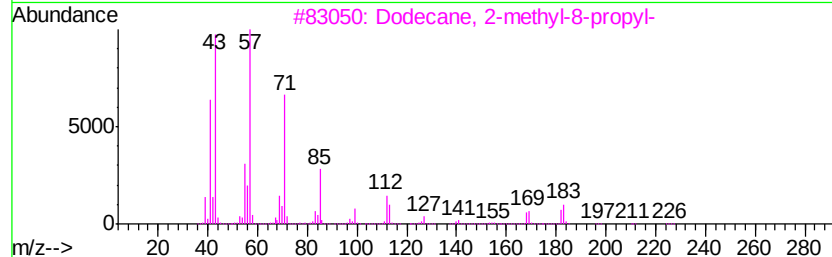
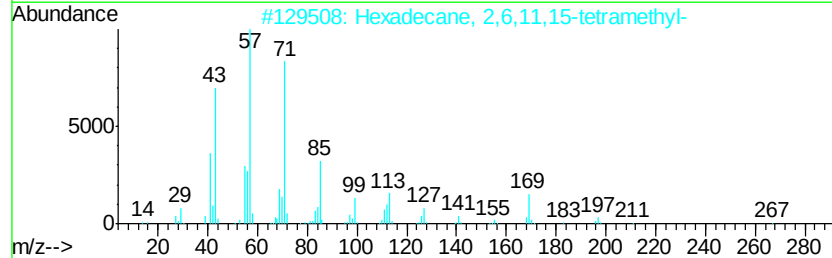
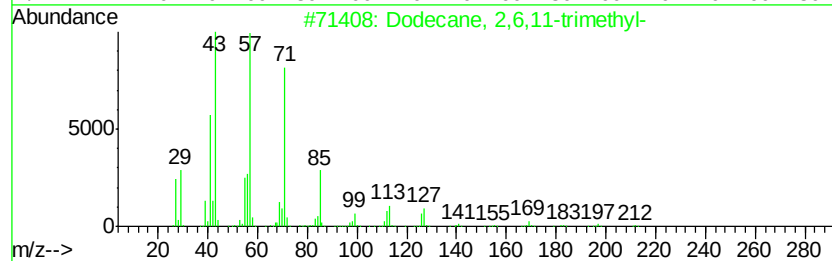
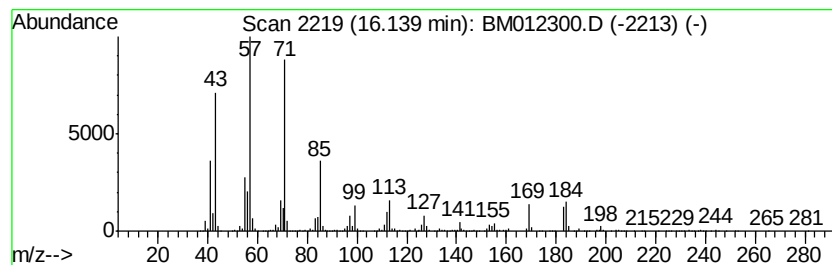
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	35.04 ng/ul	3404110	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
3		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	81
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
 Data File : BM012300.D
 Acq On : 19 Oct 2017 03:50
 Operator : SJ/JU
 Sample : I5693-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-30(3-3.8)-100417

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...	4.95	3.2	ng/ul	1749480	1	7.78	10962400	20.0
(DEL) Alkane: Cyc...	5.19	2.9	ng/ul	1560190	1	7.78	10962400	20.0
Benzene, 1,3-dime...	5.41	58.1	ng/ul	31826600	1	7.78	10962400	20.0
(DEL) Alkane: Str...	5.71	3.3	ng/ul	1814710	1	7.78	10962400	20.0
(DEL) Alkane: Cyc...	6.03	9.8	ng/ul	5382800	1	7.78	10962400	20.0
(DEL) Alkane: Str...	6.15	4.7	ng/ul	2566970	1	7.78	10962400	20.0
(DEL) Alkane: Str...	6.24	5.3	ng/ul	2903000	1	7.78	10962400	20.0
(DEL) Alkane: Str...	6.31	8.2	ng/ul	4496380	1	7.78	10962400	20.0
Cyclohexane, (2-m...	6.40	7.0	ng/ul	3866480	1	7.78	10962400	20.0
(DEL) Alkane: Cyc...	6.51	2.9	ng/ul	1584300	1	7.78	10962400	20.0
6-Octen-1-ol, 3,7...	6.57	4.0	ng/ul	2210720	1	7.78	10962400	20.0
(DEL) Alkane: Str...	6.63	3.6	ng/ul	1976020	1	7.78	10962400	20.0
(DEL) Alkane: Str...	6.75	9.3	ng/ul	5079880	1	7.78	10962400	20.0
(DEL) Alkane: Str...	6.80	3.2	ng/ul	1739740	1	7.78	10962400	20.0
Benzene, 1-ethyl-...	6.85	5.5	ng/ul	3034690	1	7.78	10962400	20.0
m-Menthane, (1S,3...	7.25	8.9	ng/ul	4905450	1	7.78	10962400	20.0
(DEL) Alkane: Str...	7.38	11.4	ng/ul	6231710	1	7.78	10962400	20.0
Mesitylene	7.42	8.8	ng/ul	4848930	1	7.78	10962400	20.0
Benzene, 1,2,3-tr...	7.89	7.5	ng/ul	4129790	1	7.78	10962400	20.0
(DEL) Alkane: Str...	7.95	6.1	ng/ul	3353820	1	7.78	10962400	20.0
Dicyclopentadiene	8.05	23.1	ng/ul	12644200	1	7.78	10962400	20.0
(DEL) Alkane: Str...	8.11	2.7	ng/ul	1456160	1	7.78	10962400	20.0
Benzene, 1,4-diet...	8.26	3.4	ng/ul	1887270	1	7.78	10962400	20.0
(DEL) Alkane: Str...	8.29	7.5	ng/ul	4108000	1	7.78	10962400	20.0
Benzene, 1-methyl...	8.32	4.9	ng/ul	2681610	1	7.78	10962400	20.0
(DEL) Alkane: Str...	8.35	6.1	ng/ul	3341440	1	7.78	10962400	20.0
Naphthalene, deca...	8.60	7.5	ng/ul	4139490	1	7.78	10962400	20.0
Benzene, 2-ethyl-...	8.73	3.5	ng/ul	1935940	1	7.78	10962400	20.0
o-Cymene	8.77	3.5	ng/ul	1916950	1	7.78	10962400	20.0
(DEL) Alkane: Str...	8.84	3.3	ng/ul	1833240	1	7.78	10962400	20.0
(DEL) Alkane: Cyc...	9.08	3.9	ng/ul	2138180	1	7.78	10962400	20.0
(DEL) Alkane: Str...	10.53	37.2	ng/ul	3753070	2	10.58	2015730	20.0
(DEL) Alkane: Str...	10.72	27.7	ng/ul	2789250	2	10.58	2015730	20.0
(DEL) Alkane: Str...	11.98	25.9	ng/ul	2611030	2	10.58	2015730	20.0
(DEL) Alkane: Str...	12.94	18.1	ng/ul	2630720	3	14.43	2912950	20.0
(DEL) Alkane: Str...	14.31	10.3	ng/ul	1504350	3	14.43	2912950	20.0
(DEL) Alkane: Str...	15.26	11.3	ng/ul	1648080	3	14.43	2912950	20.0
(DEL) Alkane: Str...	15.67	23.3	ng/ul	3393780	3	14.43	2912950	20.0
(DEL) Alkane: Str...	16.14	35.0	ng/ul	3404110	4	17.18	1942820	20.0