

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012730.D
 Acq On : 05 Nov 2017 04:53
 Operator : SJ/JU
 Sample : I5825-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-62(5-5.5)-101117

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-BM110417MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.093	503	511	519	rBV4	837911	2135636	6.27%	0.560%
2	6.216	525	532	538	rVB3	483316	1088814	3.20%	0.285%
3	6.305	542	547	555	rBV5	679484	1506308	4.42%	0.395%
4	6.381	555	560	563	rBV	905412	1373040	4.03%	0.360%
5	6.428	563	568	571	rBV2	715204	1238468	3.63%	0.325%
6	6.493	575	579	588	rVB	2129931	3434539	10.08%	0.900%
7	6.575	588	593	598	rVB2	773525	1338479	3.93%	0.351%
8	6.640	598	604	609	rBV3	970042	1494414	4.39%	0.392%
9	6.705	609	615	623	rBV3	1295999	3059079	8.98%	0.802%
10	6.781	623	628	630	rBV2	786992	1146659	3.37%	0.300%
11	6.816	630	634	639	rVB2	1178447	1602161	4.70%	0.420%
12	6.869	639	643	647	rVB2	1008368	1375899	4.04%	0.361%
13	6.916	647	651	654	rBV3	1198531	1726434	5.07%	0.452%
14	6.969	654	660	667	rBV5	3744776	8357325	24.53%	2.190%
15	7.046	669	673	679	rVB2	1094713	1844665	5.41%	0.483%
16	7.104	679	683	685	rBV	632696	938790	2.76%	0.246%
17	7.152	685	691	696	rVB4	1447578	2818910	8.27%	0.739%
18	7.204	696	700	704	rBV4	1759132	2619260	7.69%	0.686%
19	7.310	713	718	726	rBV2	1699701	3312808	9.72%	0.868%
20	7.381	727	730	737	rVB5	1185894	1973074	5.79%	0.517%
21	7.452	737	742	749	rVB2	2750943	4548129	13.35%	1.192%
22	7.540	753	757	763	rVB3	1229873	2051288	6.02%	0.538%
23	7.634	768	773	774	rBV2	1471654	2002324	5.88%	0.525%
24	7.746	782	792	796	rBV4	3115489	8277340	24.29%	2.169%
25	7.810	796	803	808	rVB	6536794	12029216	35.31%	3.152%
26	7.893	811	817	822	rBV3	2126387	4071230	11.95%	1.067%
27	7.946	822	826	831	rBV5	1080290	2122169	6.23%	0.556%
28	8.016	832	838	841	rVB2	3227435	5233223	15.36%	1.371%
29	8.051	841	844	846	rBV2	779007	938699	2.76%	0.246%
30	8.104	846	853	858	rVB3	2191362	4182218	12.27%	1.096%
31	8.175	861	865	872	rVB4	1242966	2473080	7.26%	0.648%
32	8.257	875	879	886	rVB3	1434536	2605587	7.65%	0.683%
33	8.351	886	895	898	rBV3	3060652	6646759	19.51%	1.742%
34	8.416	903	906	910	rVB	2195153	2774960	8.14%	0.727%

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35	8.487	910	918	921	rBV4	2741220	4792918	14.07%	1.256%
36	8.516	921	923	928	rVB3	852521	1212792	3.56%	0.318%
37	8.587	930	935	942	rBV2	2579581	4650779	13.65%	1.219%
38	8.657	942	947	950	rBV	2603065	3948101	11.59%	1.035%
39	8.810	968	973	981	rVB6	699071	1883922	5.53%	0.494%
40	8.928	982	993	998	rBV2	3931252	9732982	28.57%	2.550%
41	9.022	1004	1009	1010	rBV2	1678644	2407505	7.07%	0.631%
42	9.057	1010	1015	1024	rVB	8931520	15745936	46.21%	4.126%
43	9.134	1024	1028	1031	rBV2	1995417	3272378	9.60%	0.857%
44	9.175	1031	1035	1041	rVB3	2609523	5143983	15.10%	1.348%
45	9.298	1050	1056	1061	rVB4	1529338	3630160	10.65%	0.951%
46	9.463	1078	1084	1087	rBV2	1614852	3196753	9.38%	0.838%
47	9.540	1094	1097	1101	rVB	1863465	2495039	7.32%	0.654%
48	9.693	1118	1123	1128	rBV	1470871	2465034	7.23%	0.646%
49	9.740	1128	1131	1135	rVB2	1161069	1550835	4.55%	0.406%
50	9.798	1135	1141	1149	rBV5	3082102	5586179	16.40%	1.464%
51	9.893	1149	1157	1161	rVB3	1306553	2916576	8.56%	0.764%
52	9.957	1161	1168	1173	rBV3	1237742	2003263	5.88%	0.525%
53	10.034	1173	1181	1192	rVB6	2163984	5788869	16.99%	1.517%
54	10.140	1195	1199	1204	rBV	846094	1155669	3.39%	0.303%
55	10.498	1252	1260	1268	rBV8	632541	1929576	5.66%	0.506%
56	10.587	1268	1275	1288	rVV2	3677152	7228036	21.21%	1.894%
57	10.769	1302	1306	1311	rVB	1333444	1863641	5.47%	0.488%
58	13.857	1826	1831	1836	rBV	1020280	1455071	4.27%	0.381%
59	14.139	1874	1879	1888	rBV	1126297	1690108	4.96%	0.443%
60	14.451	1925	1932	1938	rVB2	789884	1242842	3.65%	0.326%
61	15.445	2095	2101	2106	rVB	1458213	2059471	6.04%	0.540%
62	15.998	2188	2195	2199	rBV	14713573	19820512	58.17%	5.194%
63	17.192	2394	2398	2402	rBV2	881324	1189403	3.49%	0.312%
64	17.292	2409	2415	2420	rBV2	1365363	1928367	5.66%	0.505%
65	18.110	2548	2554	2558	rVV2	2344676	3550407	10.42%	0.930%
66	18.180	2558	2566	2569	rVV	17185099	26466711	77.68%	6.935%
67	18.210	2569	2571	2577	rVV2	951105	1298949	3.81%	0.340%
68	18.392	2597	2602	2610	rBV	1678259	2673939	7.85%	0.701%
69	18.498	2616	2620	2623	rBV	632516	908497	2.67%	0.238%
70	18.533	2623	2626	2632	rVB2	1162234	1591185	4.67%	0.417%
71	18.810	2670	2673	2678	rVB	714447	935195	2.74%	0.245%

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72	18.886	2678	2686	2690	rBV	6802531	10051943	29.50%	2.634%
73	19.380	2766	2770	2777	rVB	2237178	2926695	8.59%	0.767%
74	19.592	2801	2806	2809	rBV	1768310	2694994	7.91%	0.706%
75	19.645	2812	2815	2819	rVB	873249	1144465	3.36%	0.300%
76	19.780	2834	2838	2841	rBV	1158258	1515030	4.45%	0.397%
77	19.998	2873	2875	2879	rVV	981534	1134280	3.33%	0.297%
78	20.068	2883	2887	2890	rBV3	645085	1086020	3.19%	0.285%
79	20.251	2915	2918	2921	rBV3	925246	1027277	3.02%	0.269%
80	20.357	2931	2936	2940	rBV	1077153	1884627	5.53%	0.494%
81	20.439	2946	2950	2961	rVB	2559183	5391216	15.82%	1.413%
82	20.521	2961	2964	2967	rBV4	668031	958701	2.81%	0.251%
83	20.568	2967	2972	2979	rVB	4894689	6692972	19.64%	1.754%
84	20.668	2986	2989	2992	rVV2	1008566	1200518	3.52%	0.315%
85	20.827	3008	3016	3020	rBV	23426101	34071834	100.00%	8.928%
86	20.933	3030	3034	3037	rBV	1673997	2333061	6.85%	0.611%
87	21.057	3051	3055	3057	rBV2	1566585	2310791	6.78%	0.606%
88	21.098	3057	3062	3071	rVB2	5219693	9032128	26.51%	2.367%
89	21.292	3092	3095	3097	rBV	916196	994789	2.92%	0.261%
90	21.380	3105	3110	3115	rBV2	1474790	2799711	8.22%	0.734%
91	21.698	3158	3164	3169	rVB	3412675	5378539	15.79%	1.409%
92	21.768	3172	3176	3184	rVB2	1811252	2969484	8.72%	0.778%
93	21.892	3193	3197	3199	rBV	1783867	2154885	6.32%	0.565%
94	21.921	3199	3202	3206	rVB	1523576	1720619	5.05%	0.451%
95	22.039	3218	3222	3226	rBV2	2686499	3489245	10.24%	0.914%
96	22.198	3245	3249	3253	rBV2	1740198	2425266	7.12%	0.636%
97	22.368	3274	3278	3281	rBV3	1171256	1824714	5.36%	0.478%
98	22.662	3324	3328	3334	rVB2	1334406	2111568	6.20%	0.553%
99	23.527	3471	3475	3480	rVB2	1152326	1819215	5.34%	0.477%
100	23.674	3496	3500	3518	rVB4	999317	2728710	8.01%	0.715%

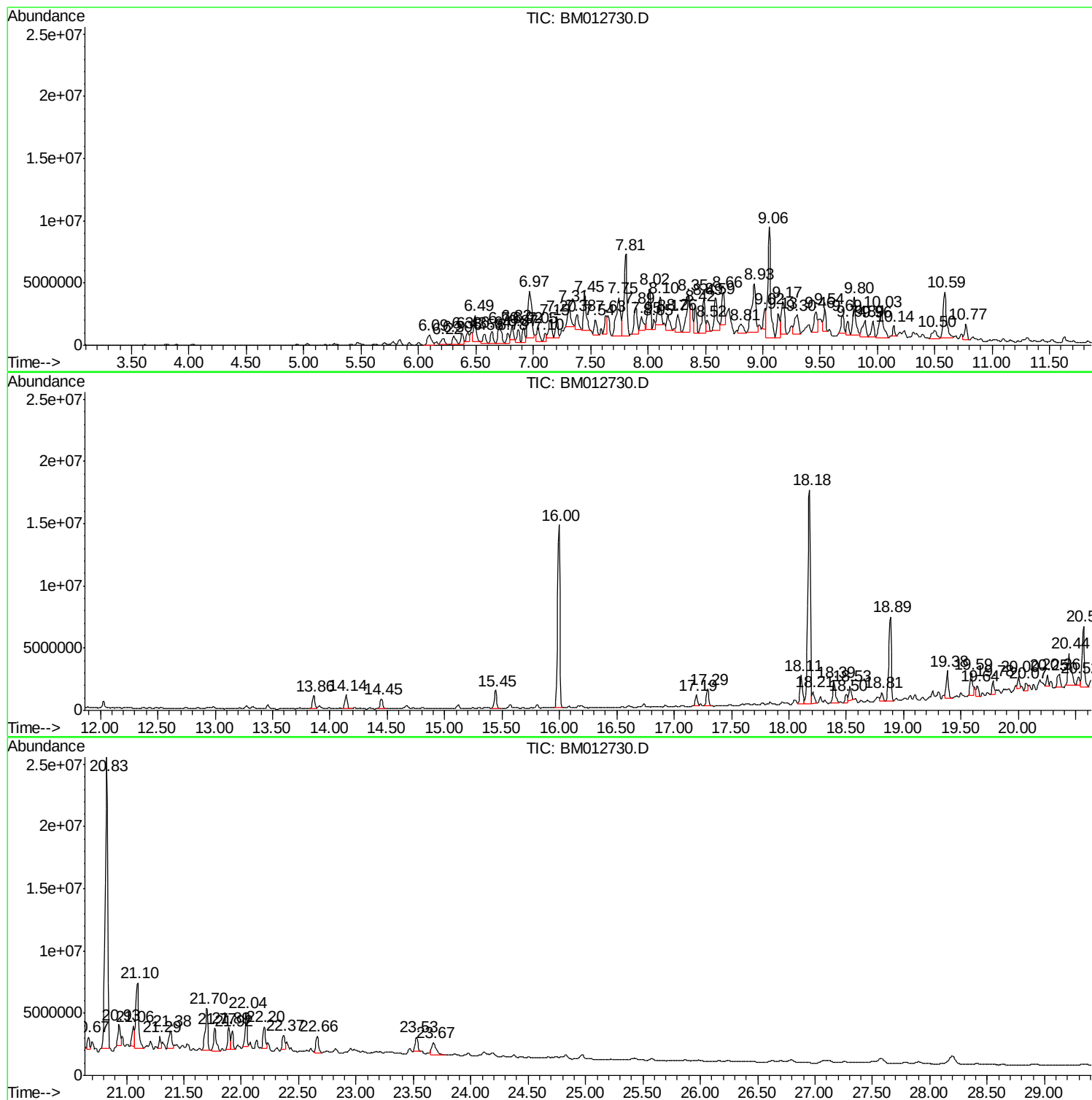
Sum of corrected areas: 381625864

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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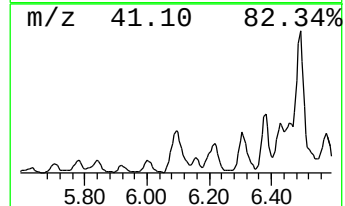
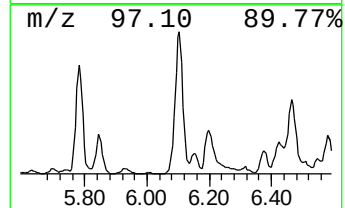
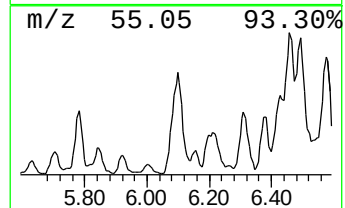
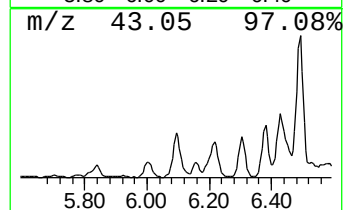
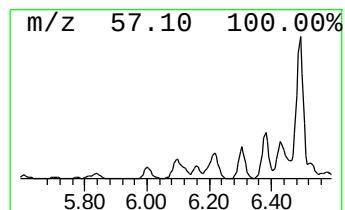
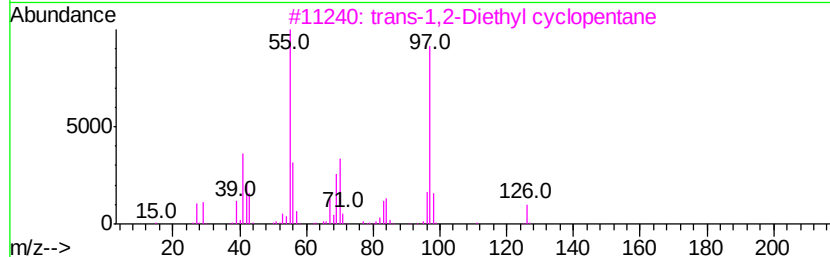
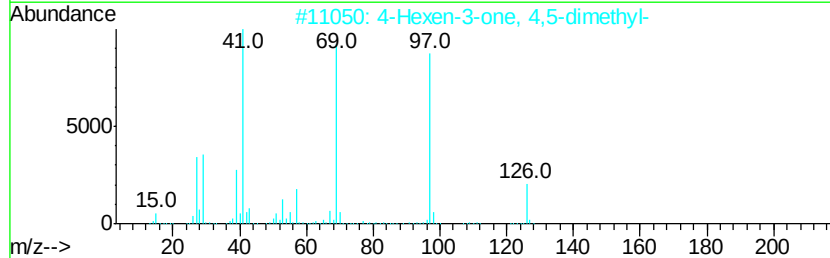
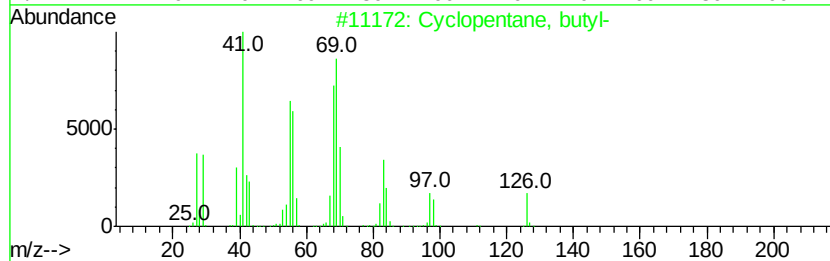
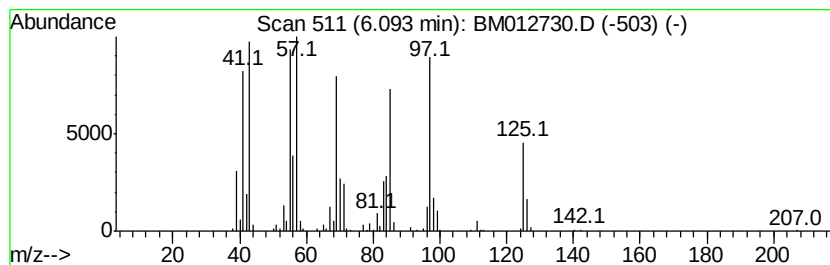
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic6.09 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	3.55 ng/ul	2135640	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, butyl-	126	C9H18	002040-95-1	46
2		4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	43
3		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	42
4		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	38
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



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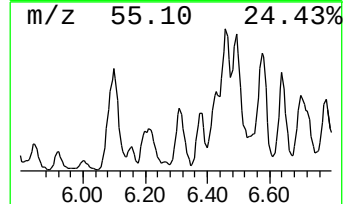
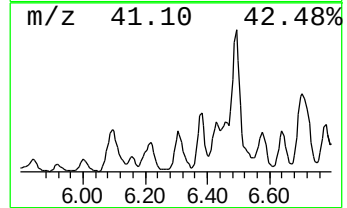
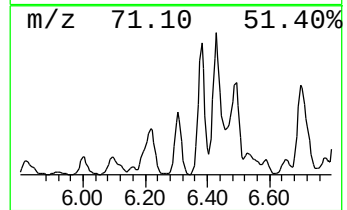
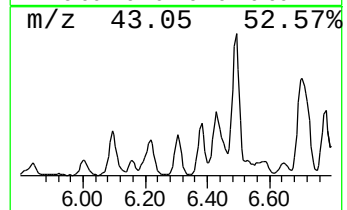
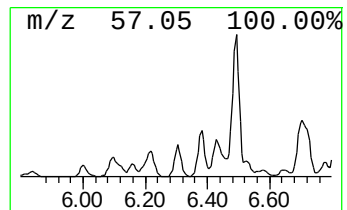
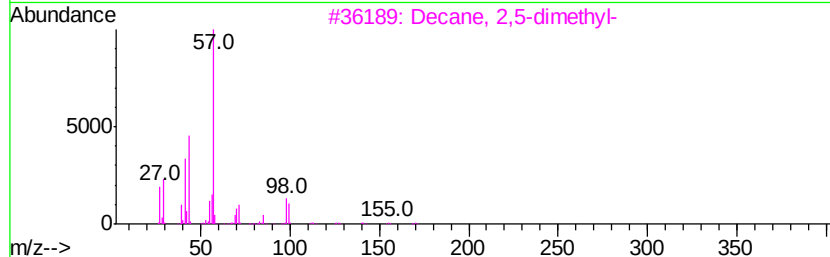
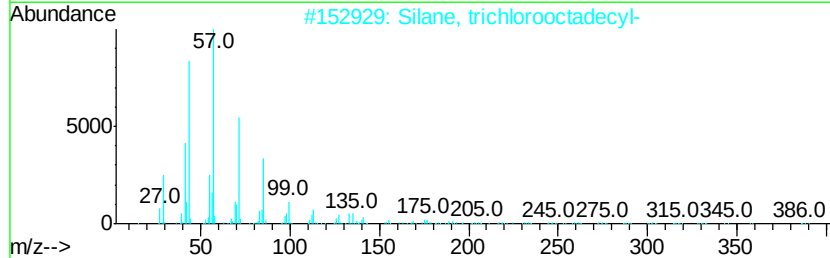
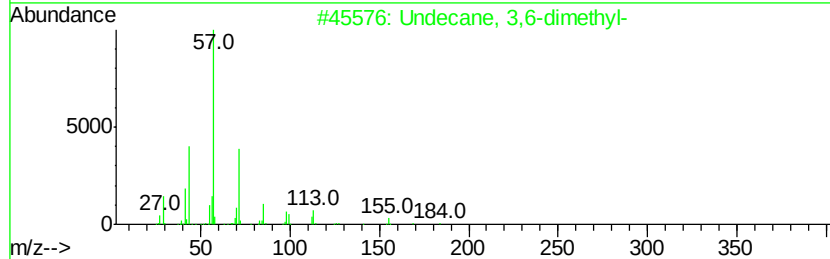
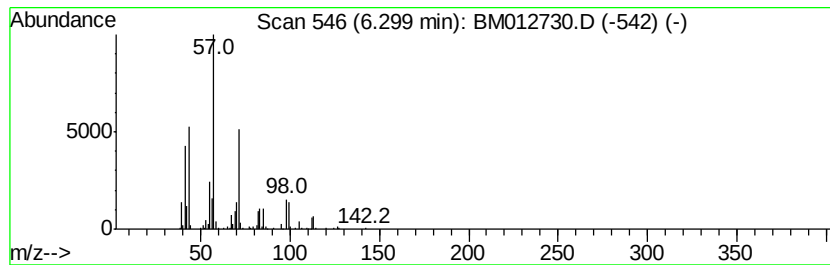
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.50 ng/ul	1506310	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	53
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	43
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	43
5		3-Bromooctane	192	C8H17Br	000999-64-4	43



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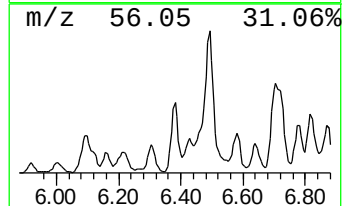
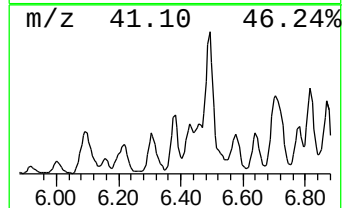
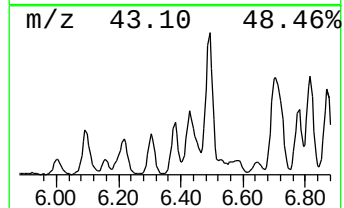
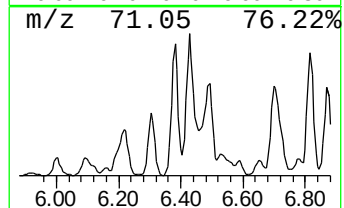
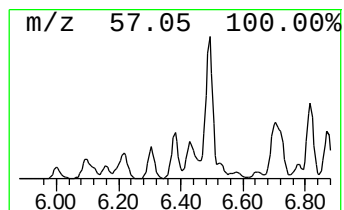
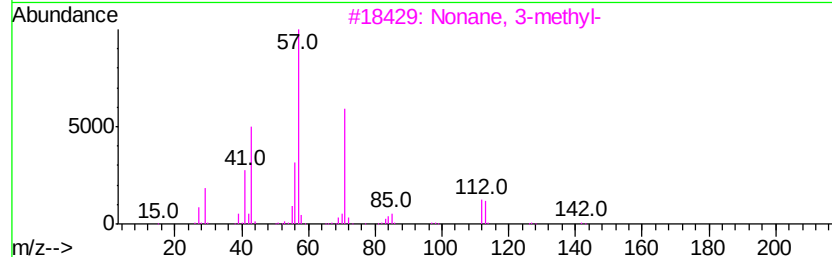
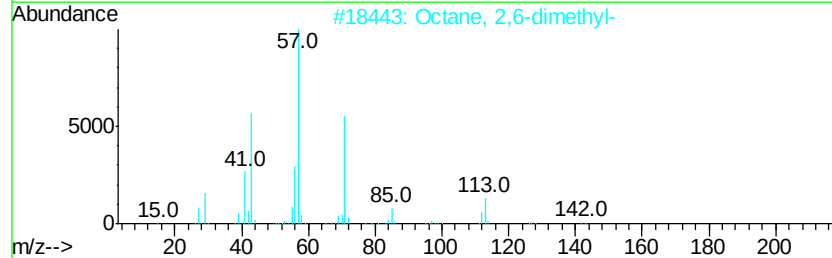
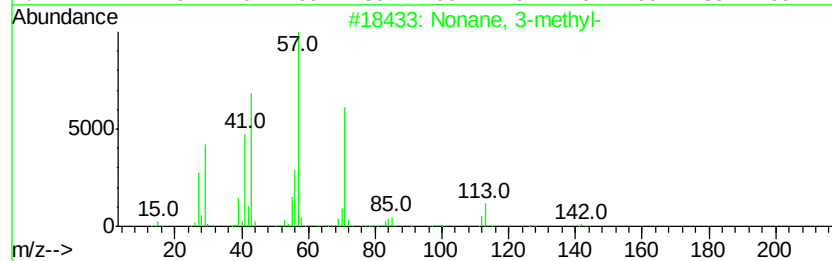
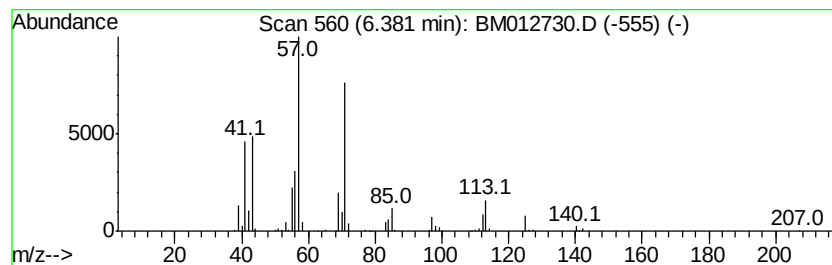
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	2.28 ng/ul	1373040	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	80



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

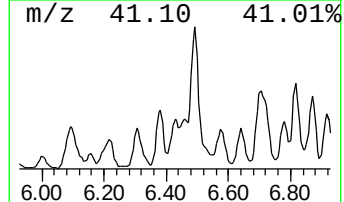
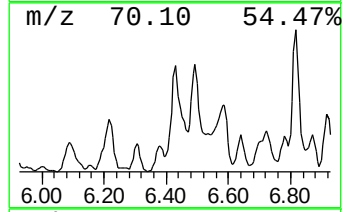
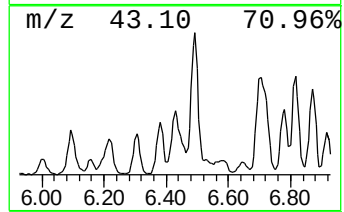
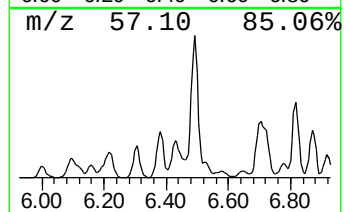
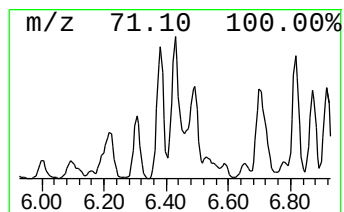
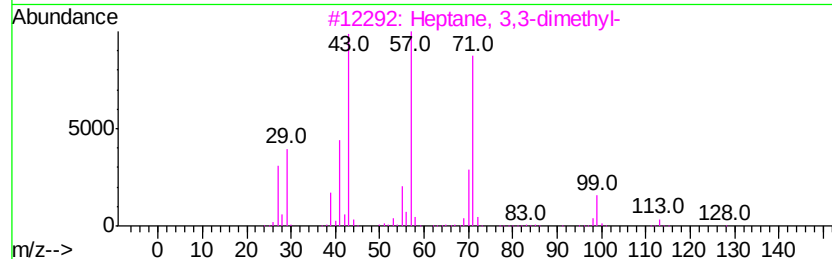
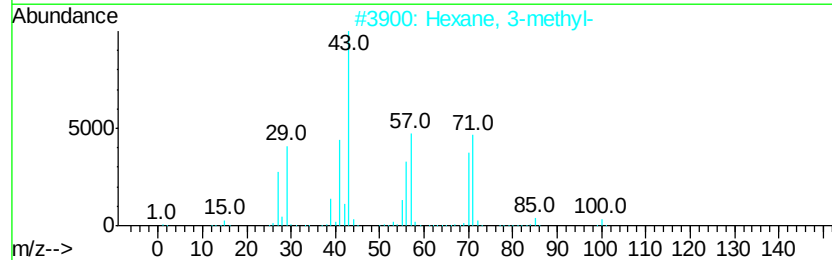
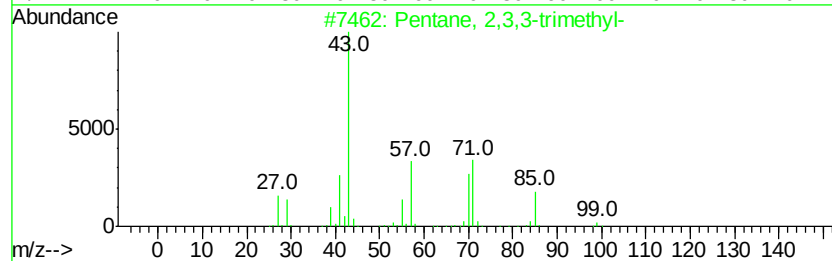
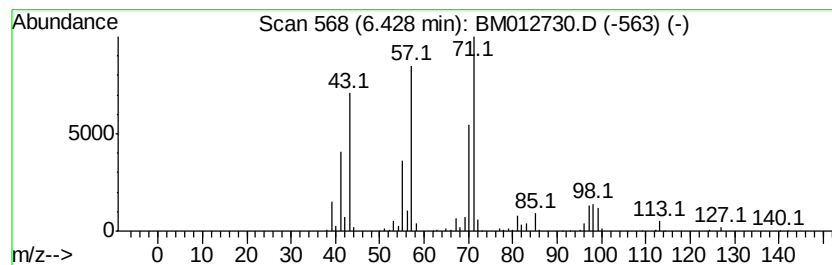
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	2.06 ng/ul	1238470	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	53
3			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	53
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	52
5			Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50



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Operator : SJ/JU
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ClientSampleId :
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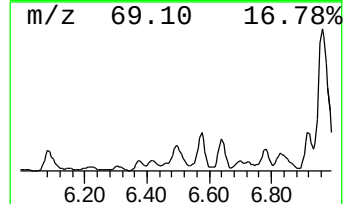
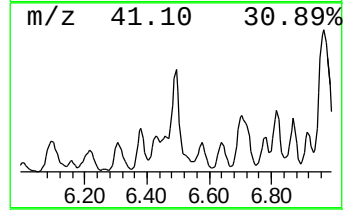
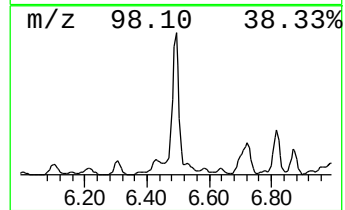
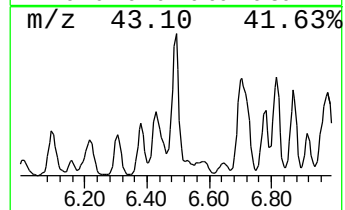
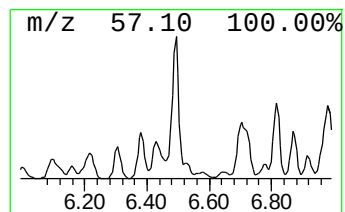
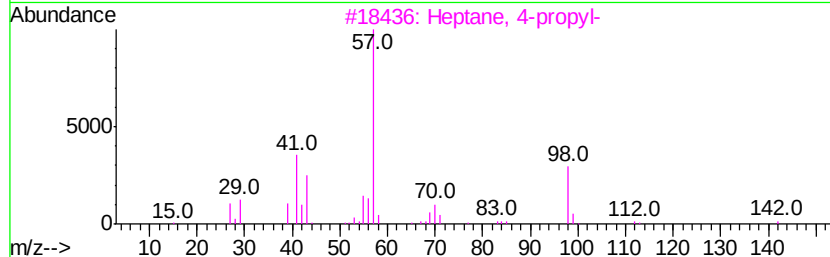
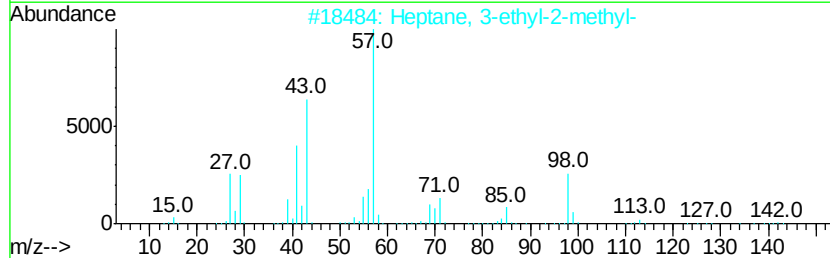
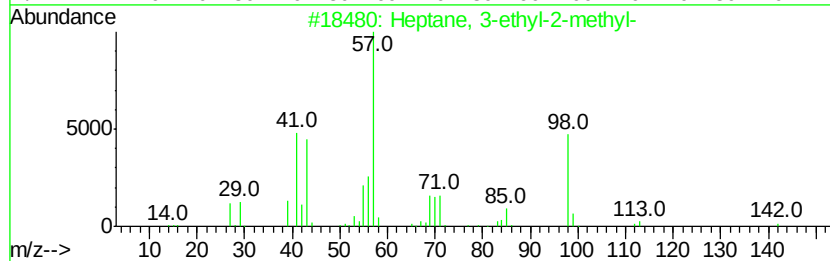
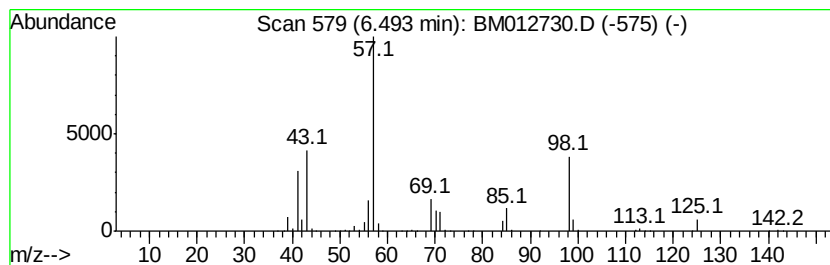
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	5.71 ng/ul	3434540	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	52
3		Heptane, 4-propyl-	142	C10H22	003178-29-8	50
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
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Sample : I5825-08
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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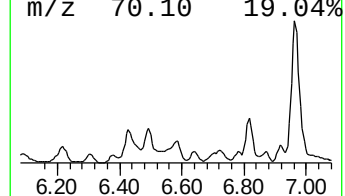
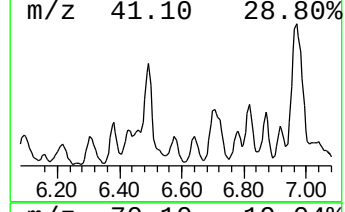
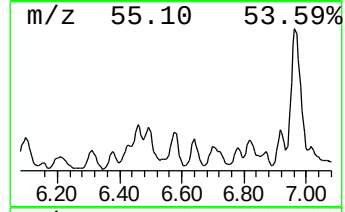
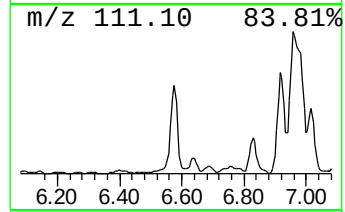
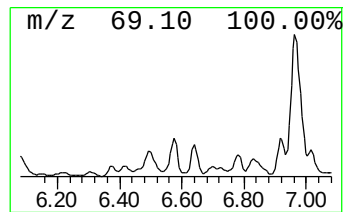
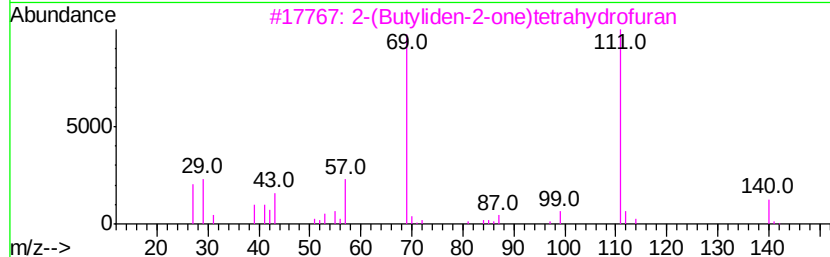
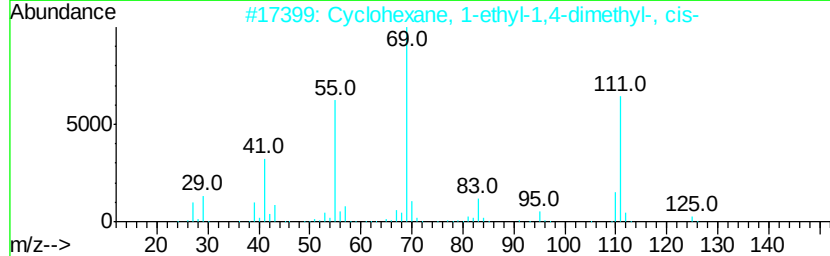
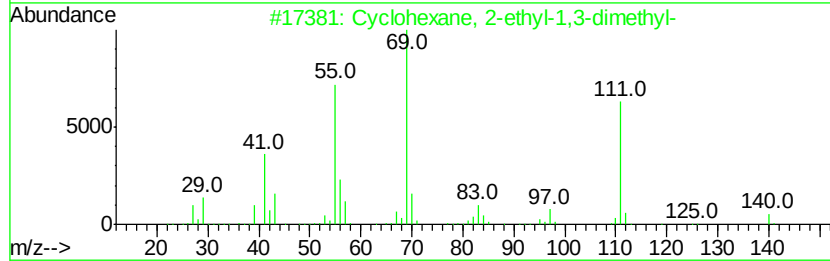
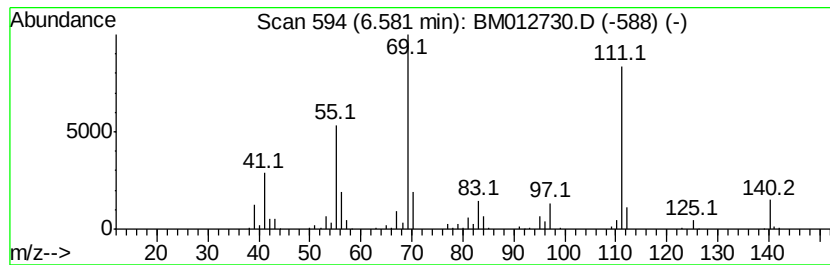
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic6.98 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	2.23 ng/ul	1338480	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	78
2		Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-30-6	78
3		2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	72
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	72
5		3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
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ALS Vial : 22 Sample Multiplier: 1

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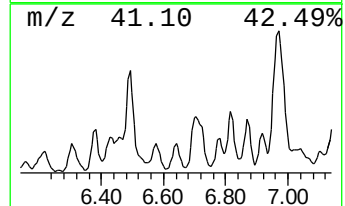
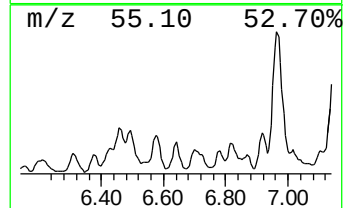
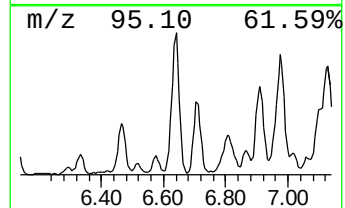
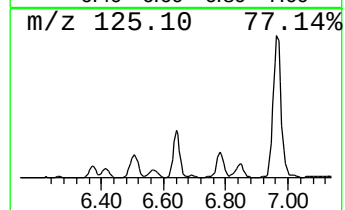
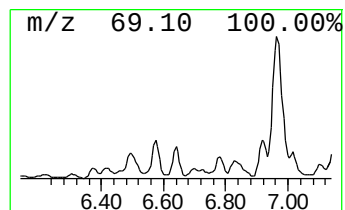
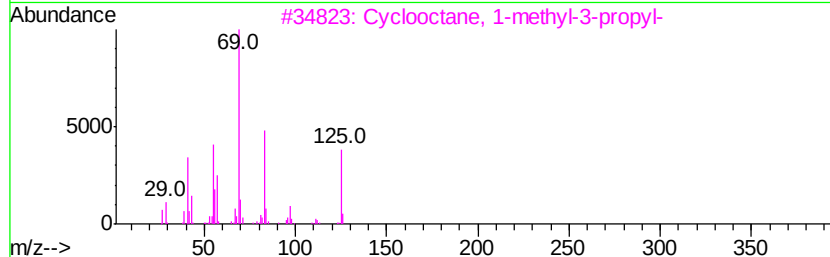
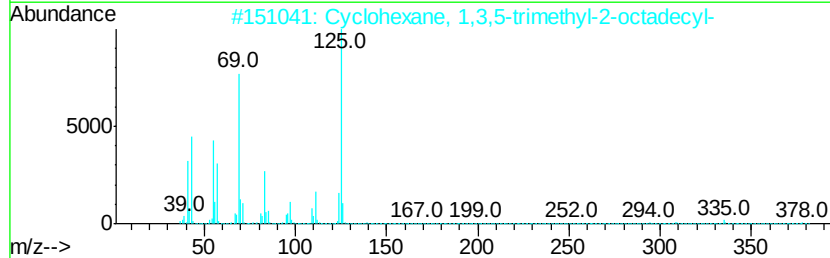
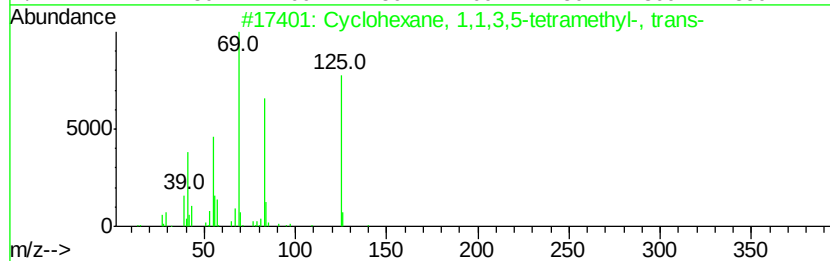
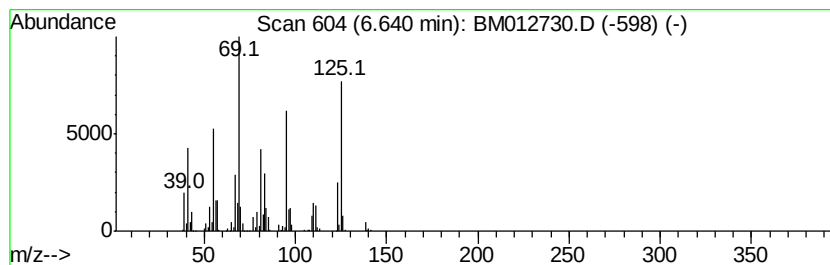
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic6.64 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	2.48 ng/ul	1494410	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	60
2		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	59
3		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	53
4		4-Hydroxy-6-(methylamino)pyrimidine	125	C5H7N3O	001122-67-4	38
5		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38



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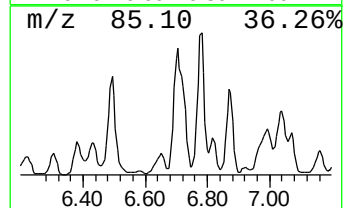
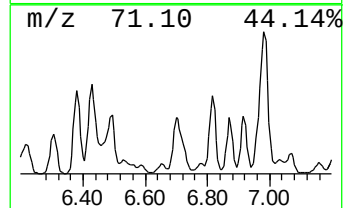
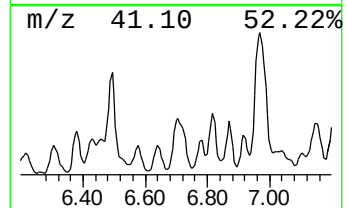
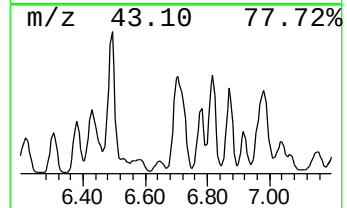
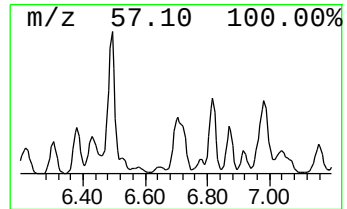
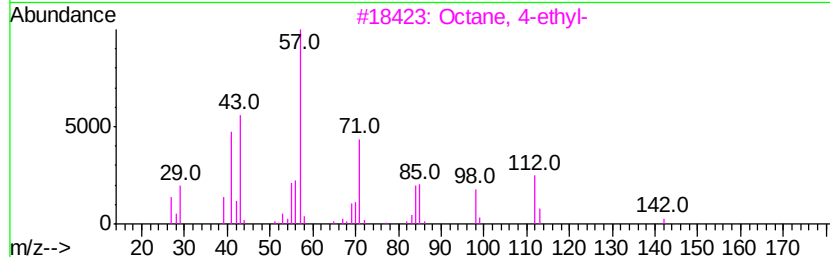
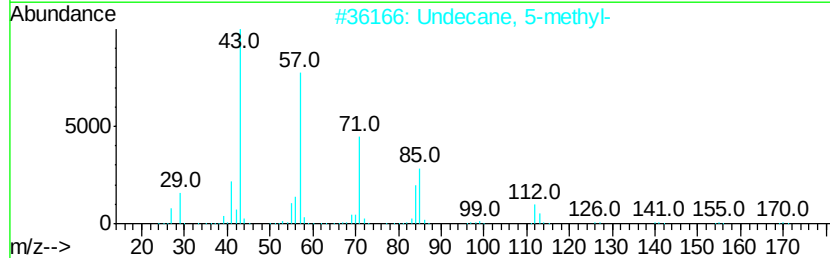
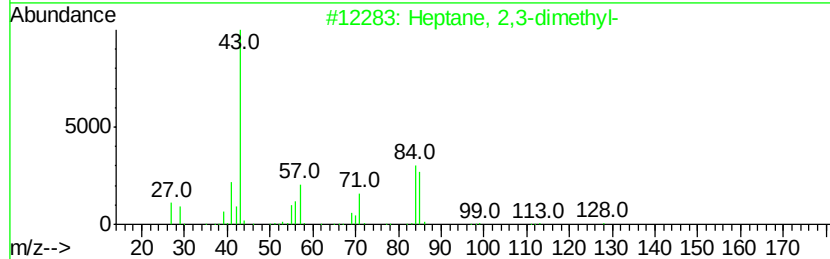
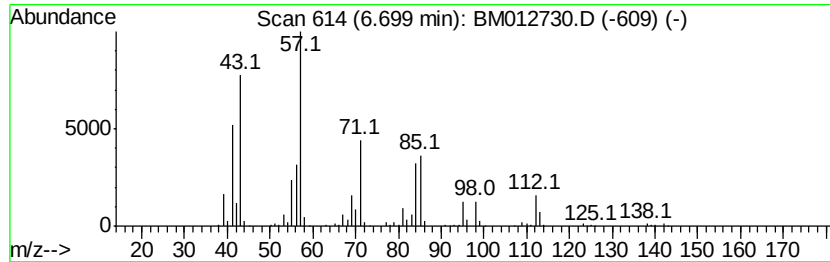
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	5.09 ng/ul	3059080	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	50
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	47
4		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	47
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	43



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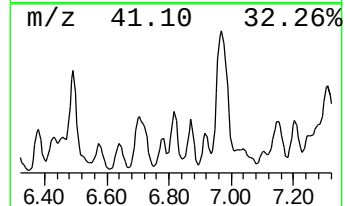
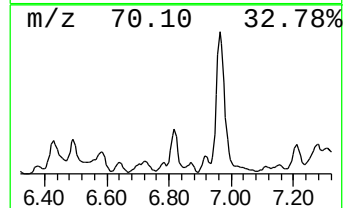
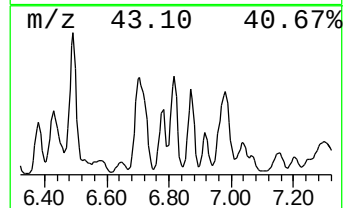
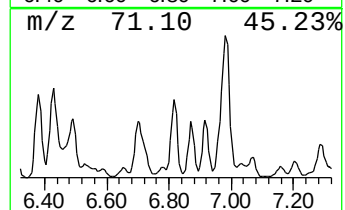
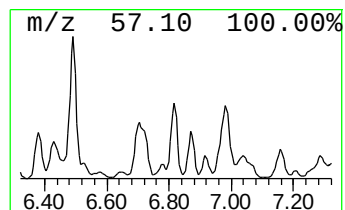
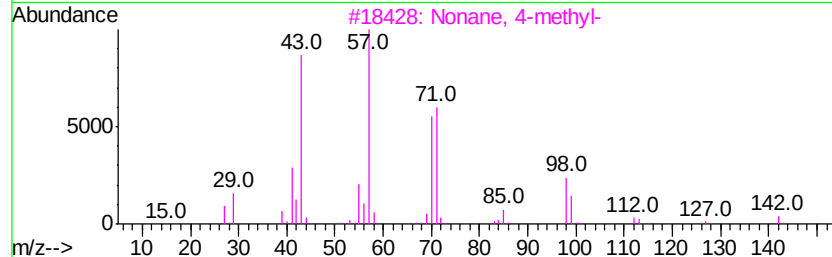
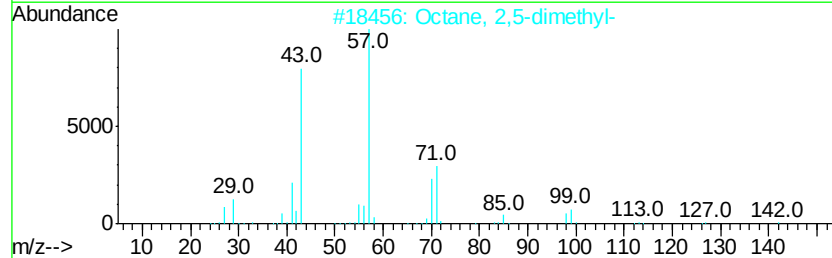
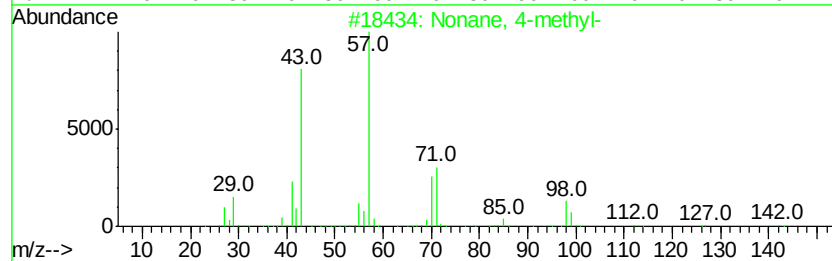
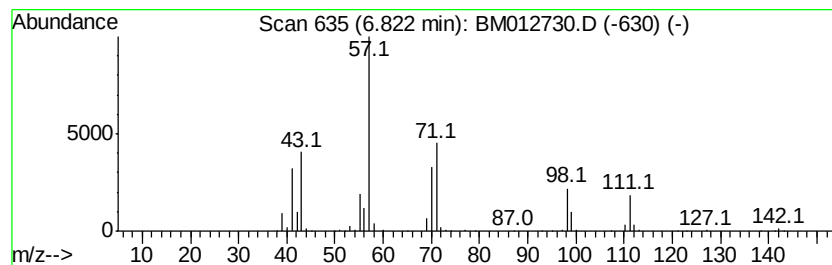
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.66 ng/ul	1602160	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	83
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	72
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
4			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
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Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
B-62(5-5.5)-101117

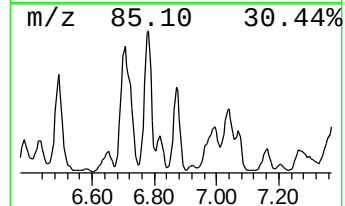
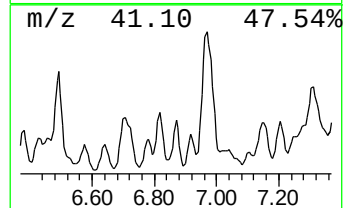
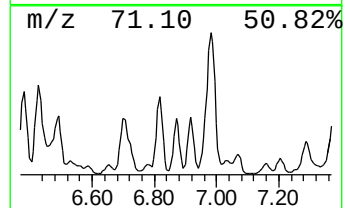
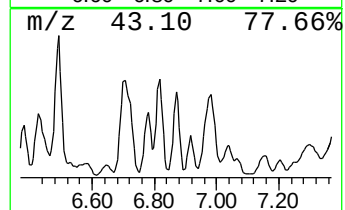
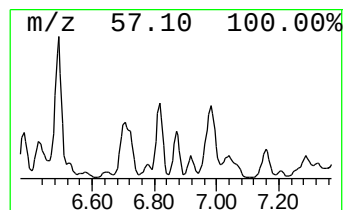
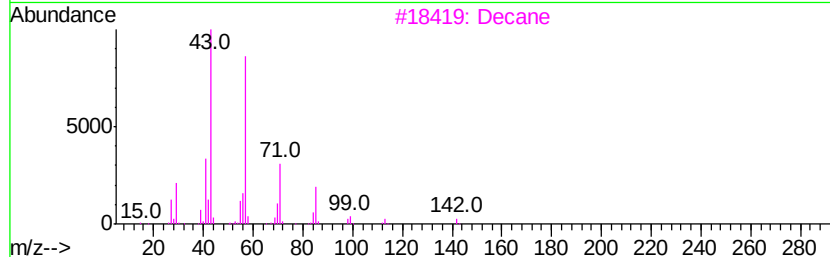
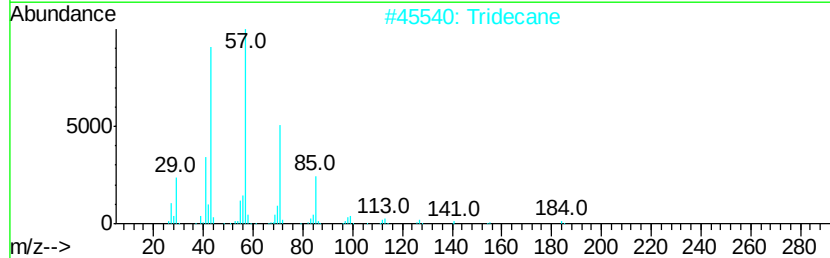
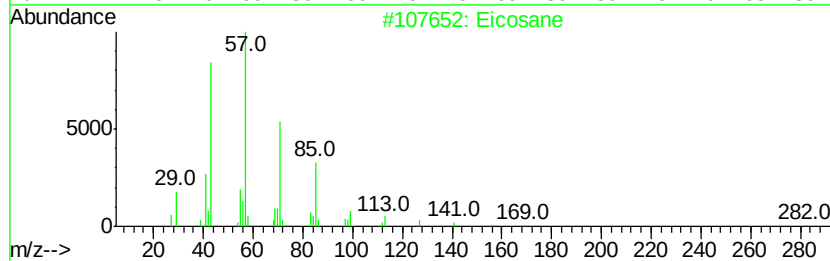
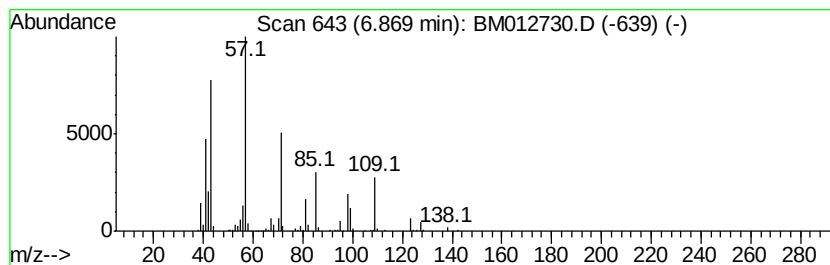
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.29 ng/ul	1375900	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	50
2			Tridecane	184	C13H28	000629-50-5	50
3			Decane	142	C10H22	000124-18-5	50
4			Octadecane	254	C18H38	000593-45-3	47
5			Hexatriacontane	507	C36H74	000630-06-8	47



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Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-62(5-5.5)-101117

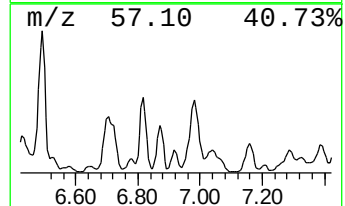
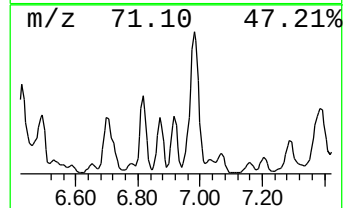
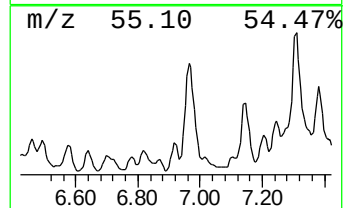
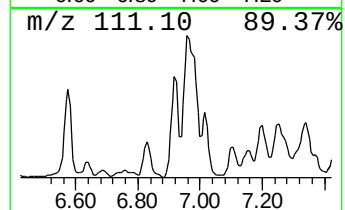
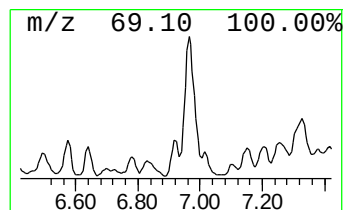
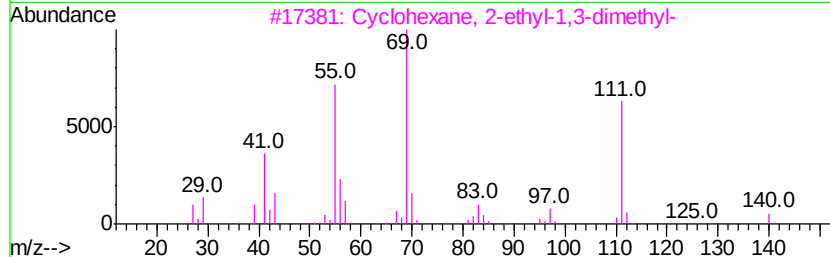
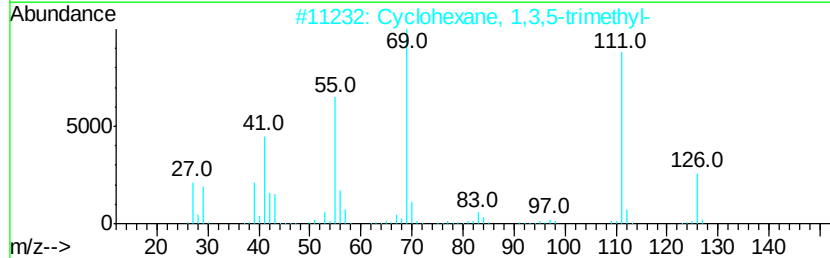
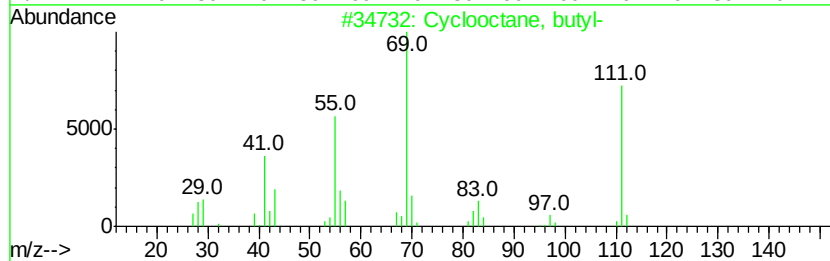
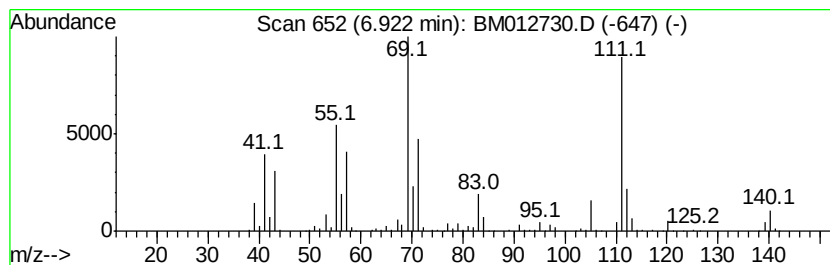
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic6.92 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	2.87 ng/ul	1726430	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, butyl-	168	C12H24	016538-93-5	47
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	47
3		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	47
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	47
5		2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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Misc :
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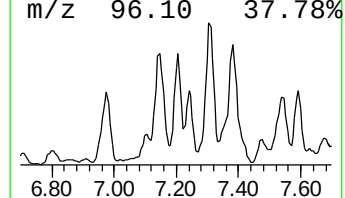
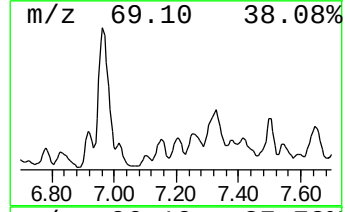
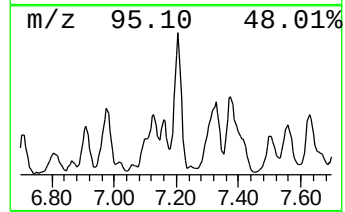
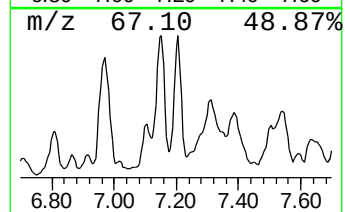
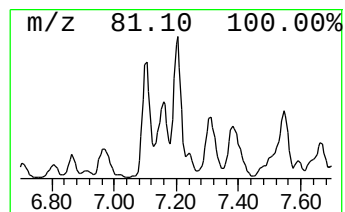
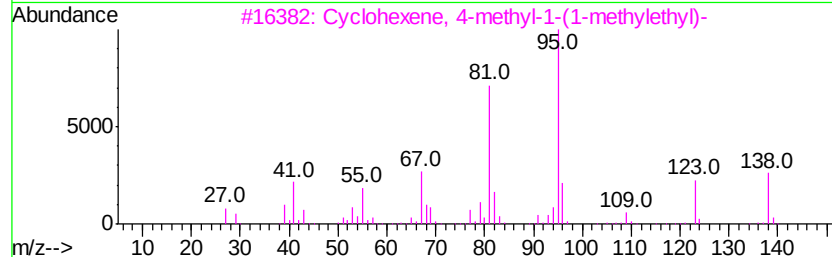
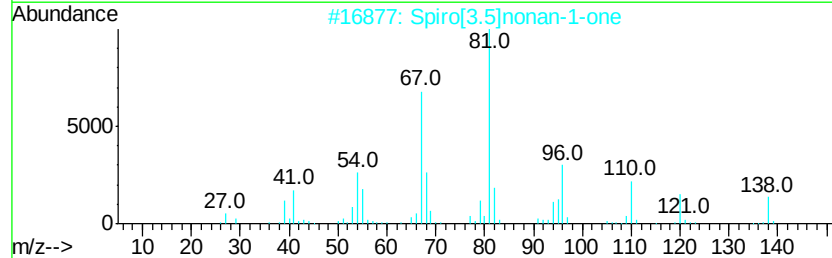
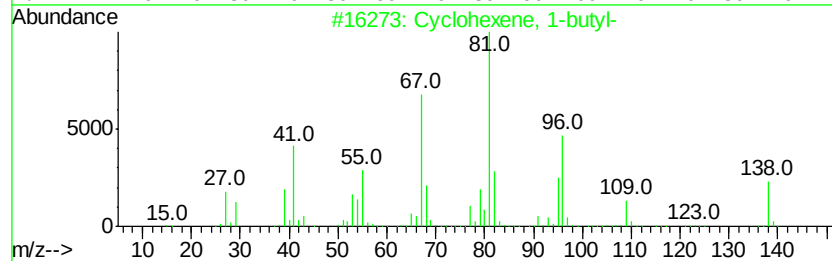
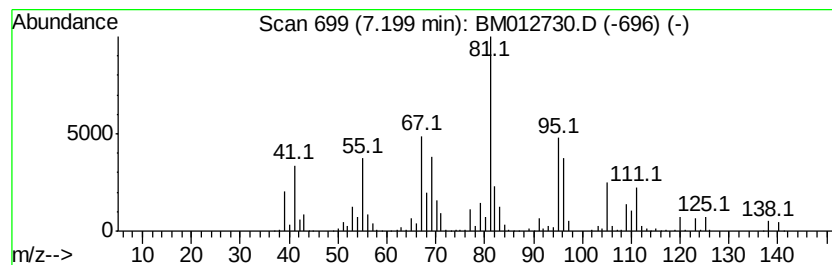
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclohexene, 1-butyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	4.35 ng/ul	2619260	1,4-Dichlorobenzene-d4	7.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene, 1-butyl-	138 C10H18	003282-53-9 94
2		Spiro[3.5]nonan-1-one	138 C9H14O	029800-45-1 62
3		Cyclohexene, 4-methyl-1-(1-methyl-...	138 C10H18	000500-00-5 52
4		4,5-Nonadiene, 2-methyl-	138 C10H18	055956-32-6 49
5		Cyclohexene, 1-methyl-	96 C7H12	000591-49-1 49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
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Instrument :
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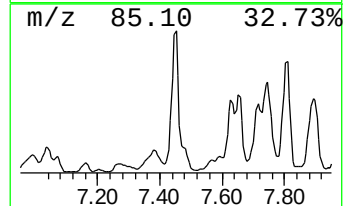
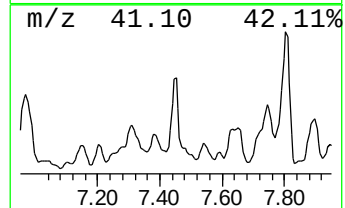
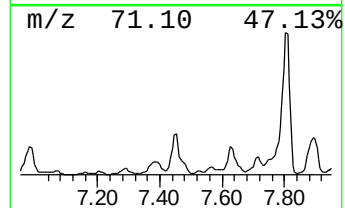
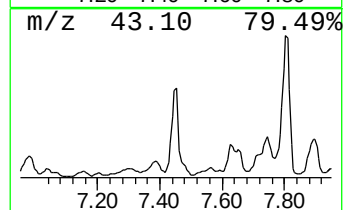
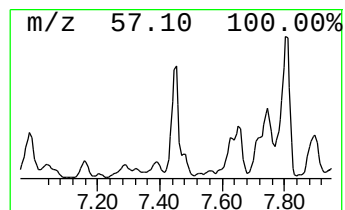
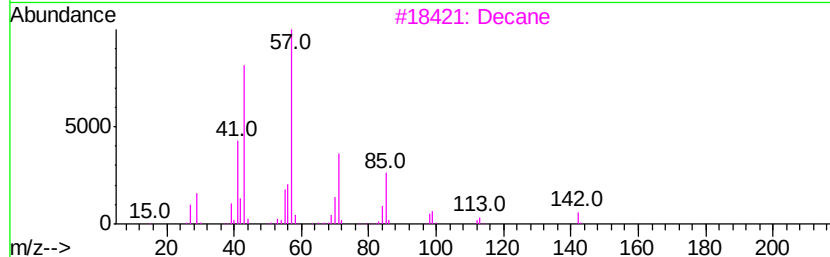
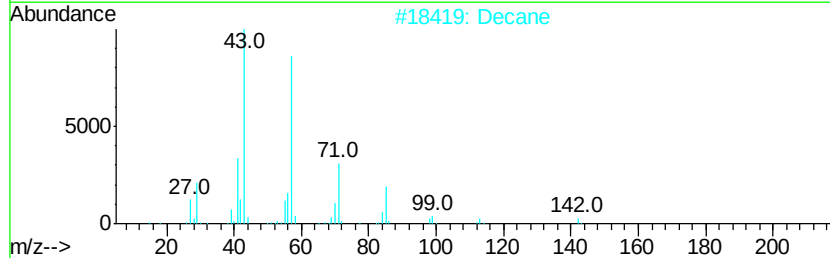
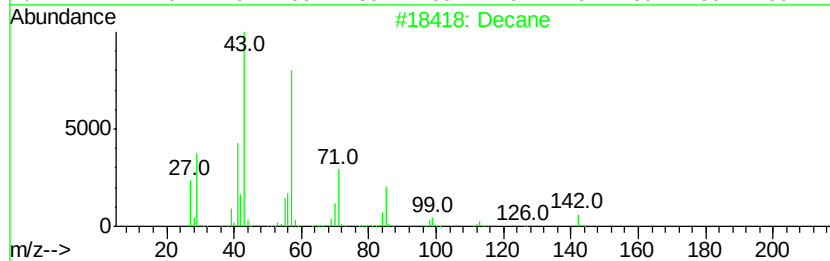
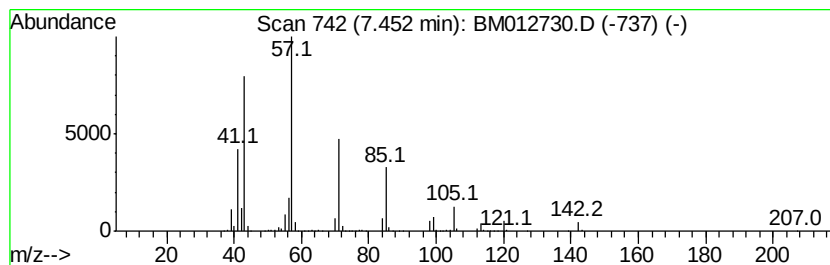
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	7.56 ng/ul	4548130	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	81
2		Decane	142	C10H22	000124-18-5	81
3		Decane	142	C10H22	000124-18-5	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
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Instrument :
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ClientSampleId :
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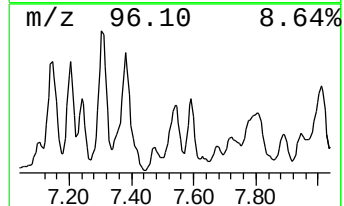
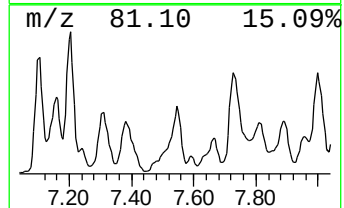
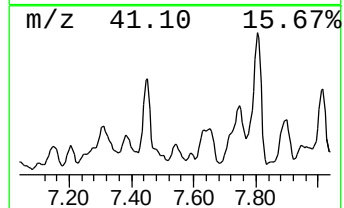
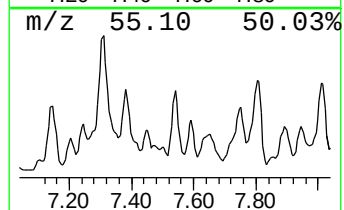
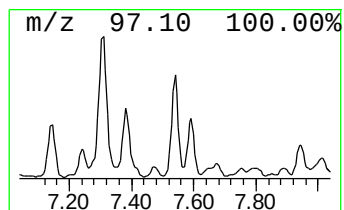
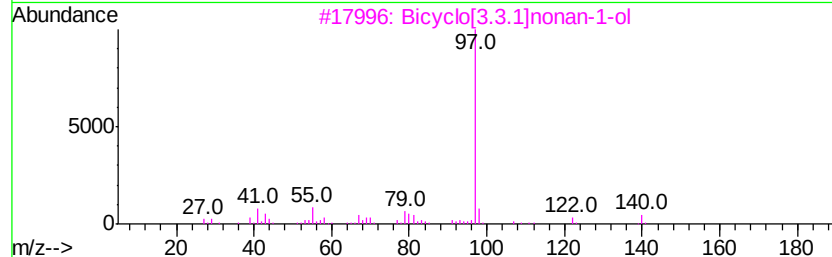
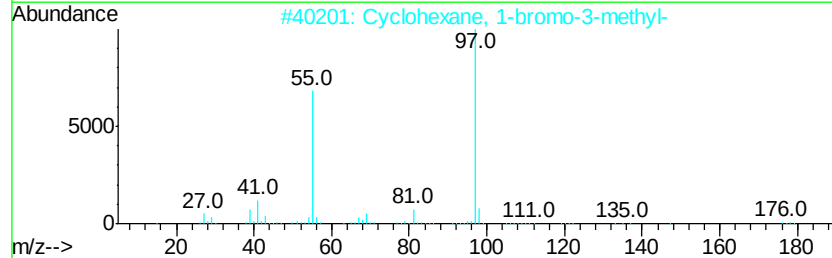
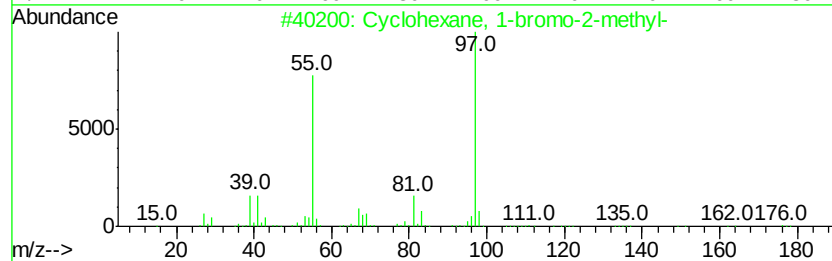
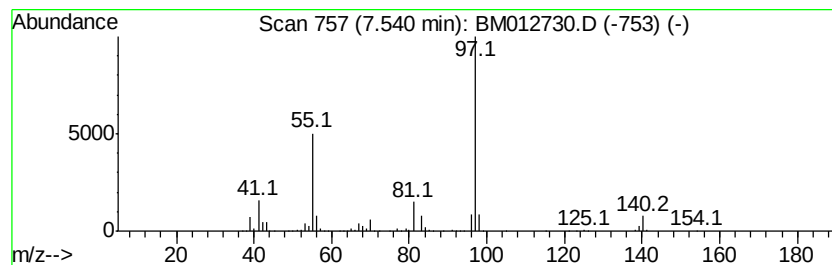
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclohexane, 1-bromo-2-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	3.41 ng/ul	2051290	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	72
2		Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	64
3		Bicyclo[3.3.1]nonan-1-ol	140	C9H16O	015158-56-2	64
4		4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	53
5		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
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Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

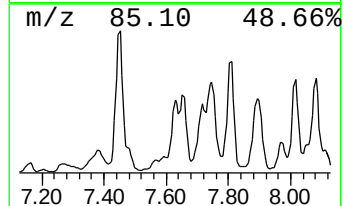
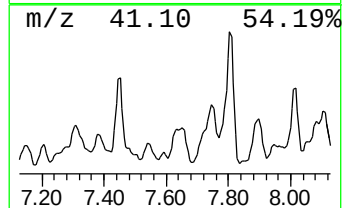
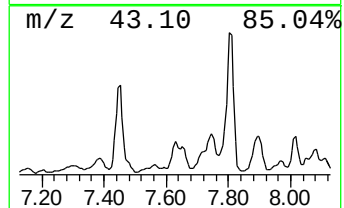
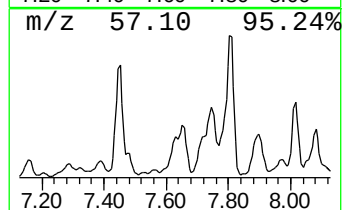
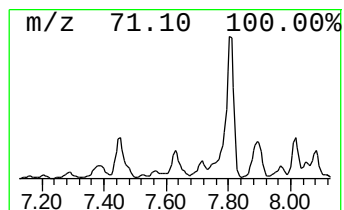
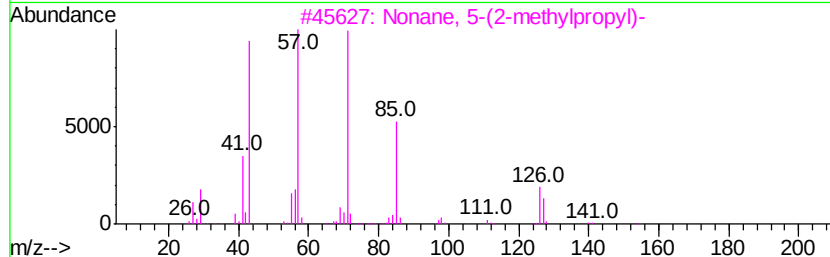
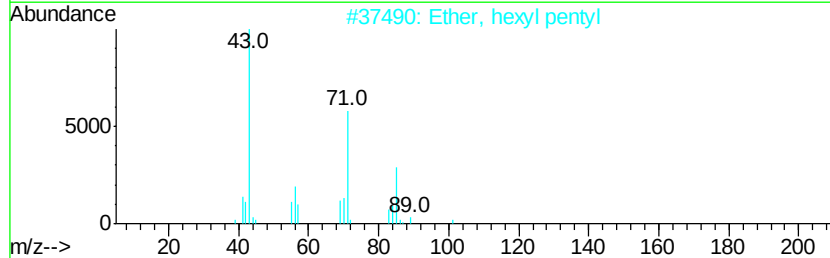
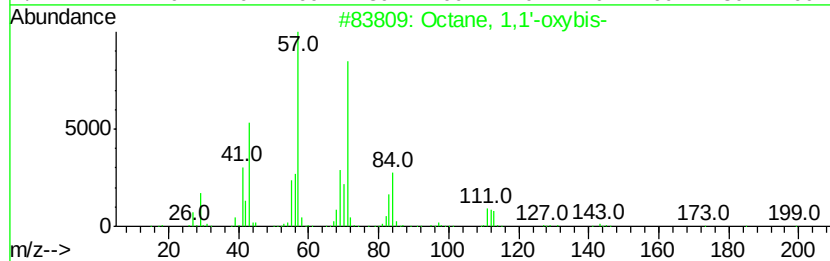
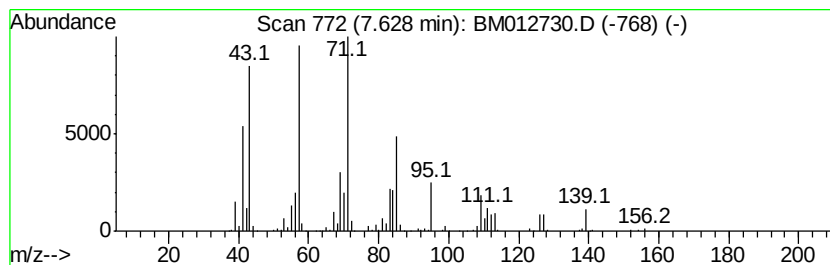
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	3.33 ng/ul	2002320	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
2			Ether, hexyl pentyl	172	C11H24O	032357-83-8	38
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	35
5			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
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Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

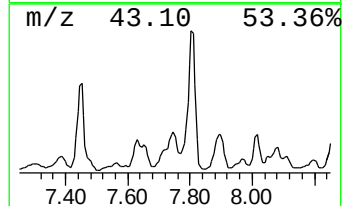
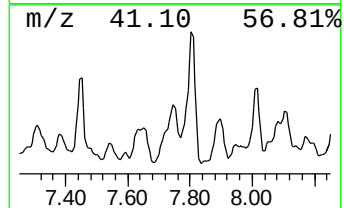
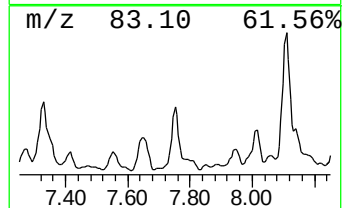
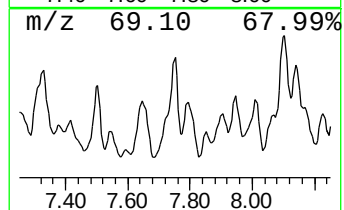
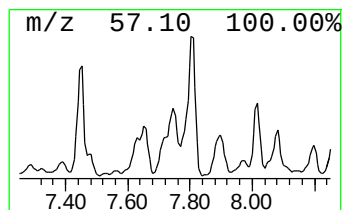
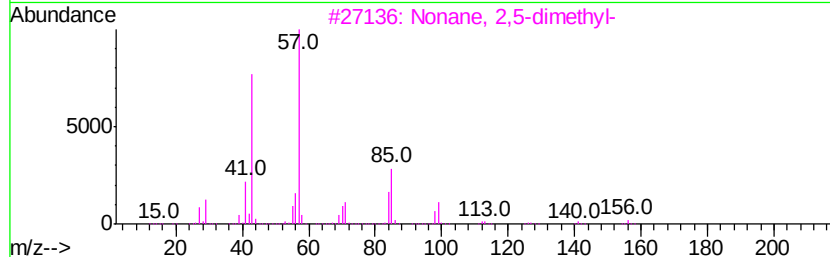
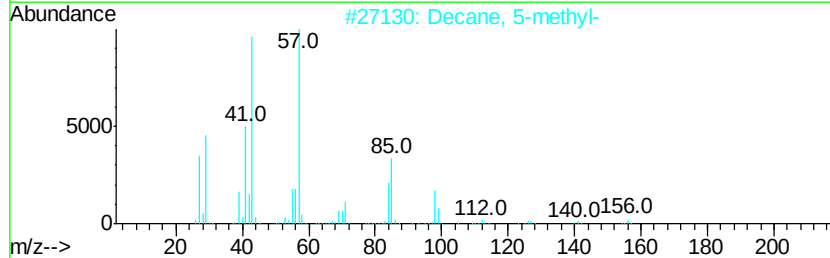
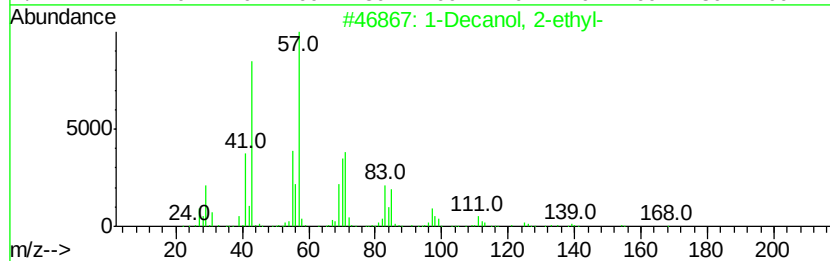
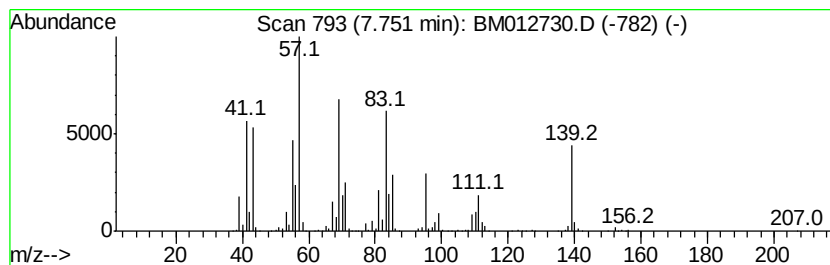
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	13.76 ng/ul	8277340	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	47
2		Decane, 5-methyl-	156	C11H24	013151-35-4	35
3		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	27
4		2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	22
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	22



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

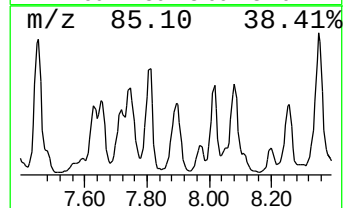
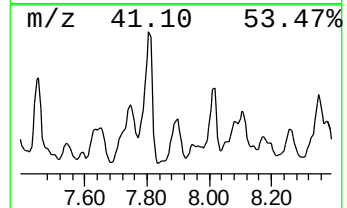
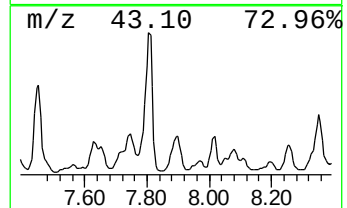
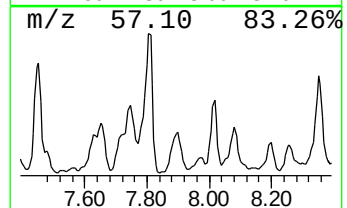
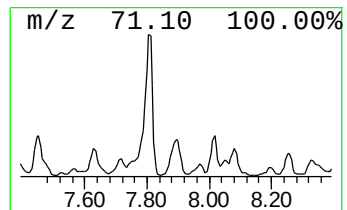
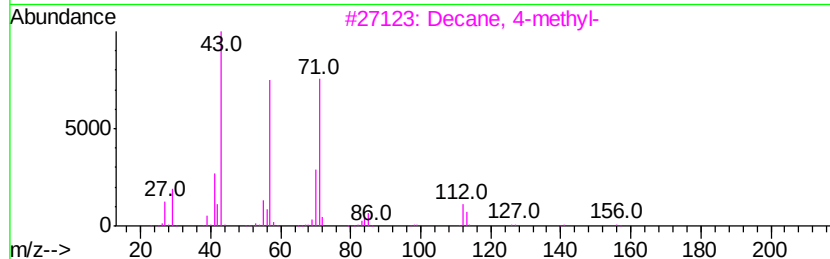
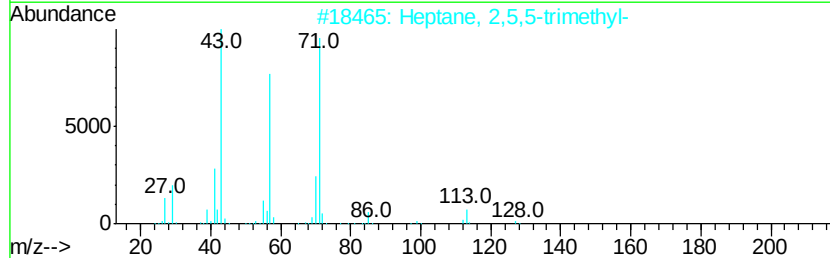
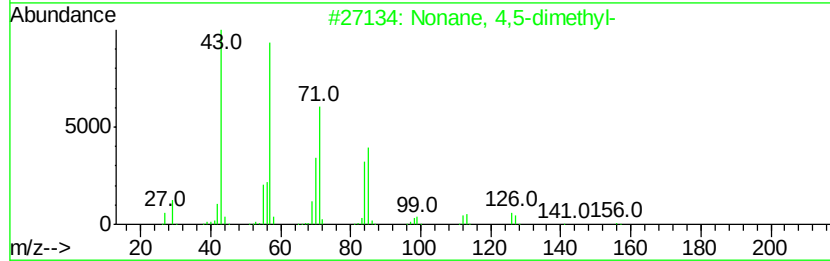
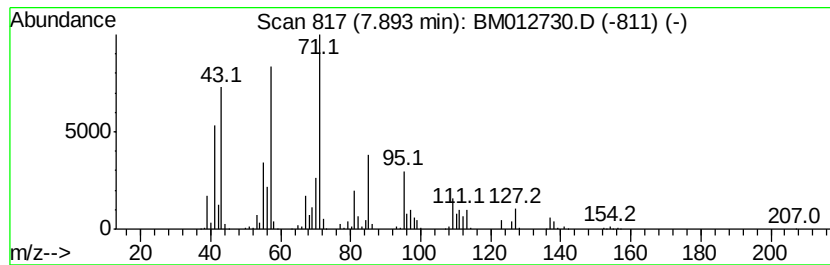
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	6.77 ng/ul	4071230	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	55
2		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	47
3		Decane, 4-methyl-	156	C11H24	002847-72-5	46
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

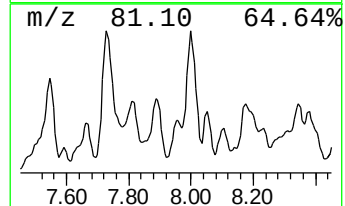
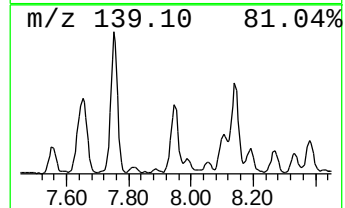
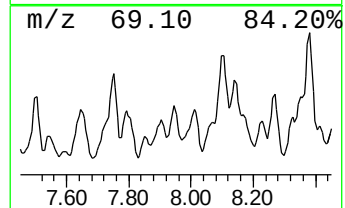
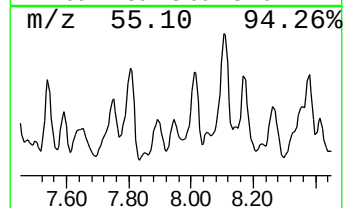
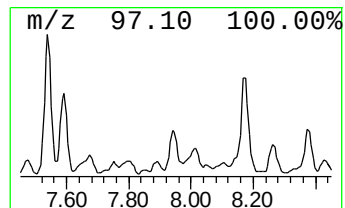
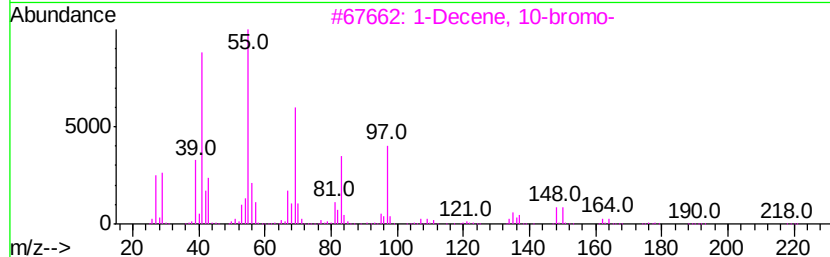
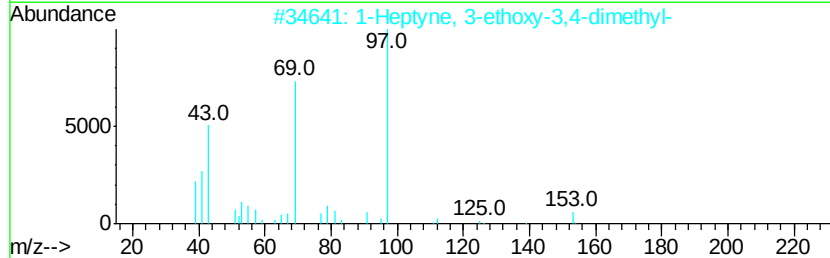
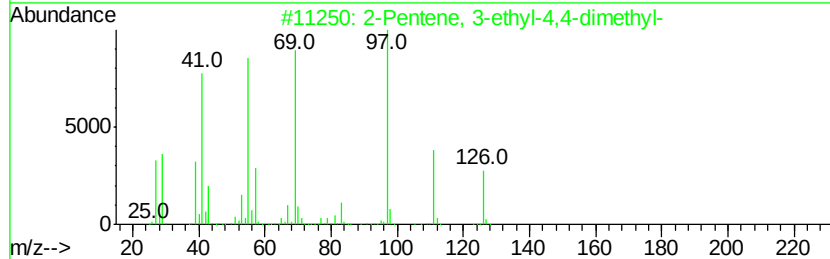
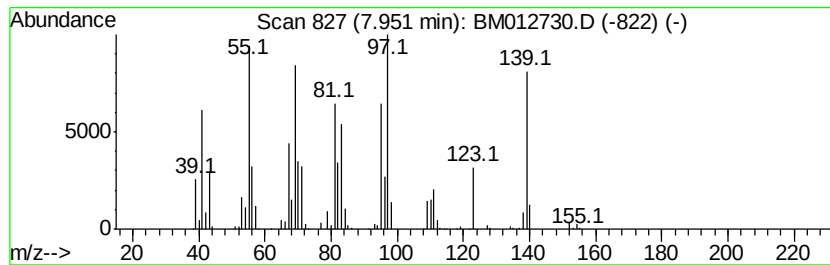
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ClientSampleId :
B-62(5-5.5)-101117

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic7.95 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	3.53 ng/ul	2122170	1,4-Dichlorobenzene-d4	7.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126 C9H18	053907-59-8	38
2	1-Heptyne, 3-ethoxy-3,4-dimethyl-	168 C11H20O	054411-04-0	35
3	1-Decene, 10-bromo-	218 C10H19Br	062871-09-4	35
4	Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9	35
5	Borinic acid, diethyl-, 1,1-dime...	224 C12H25BOSi	074744-61-9	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
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Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

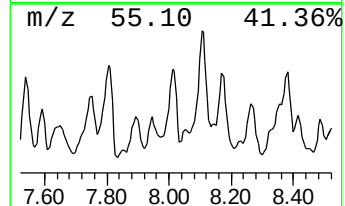
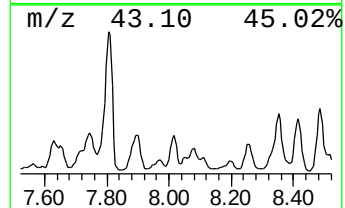
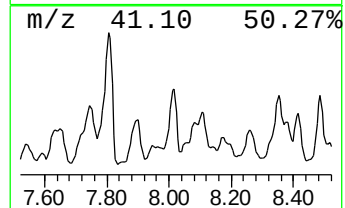
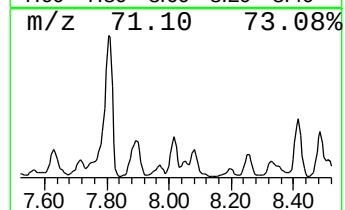
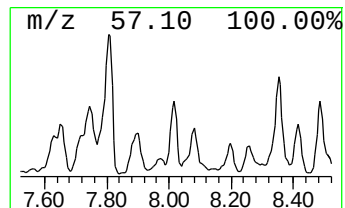
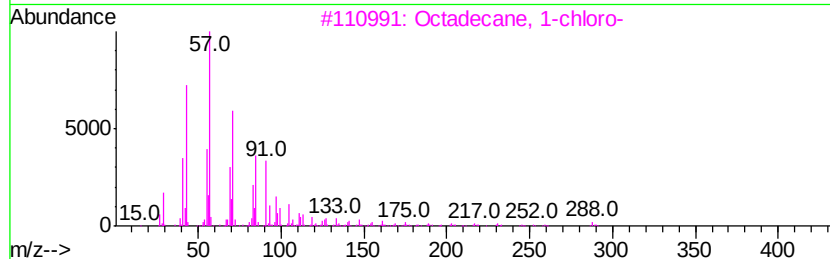
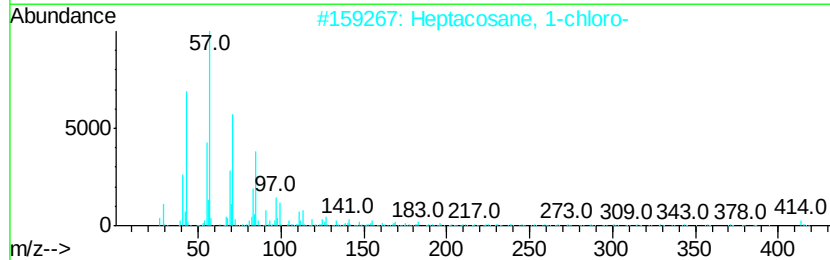
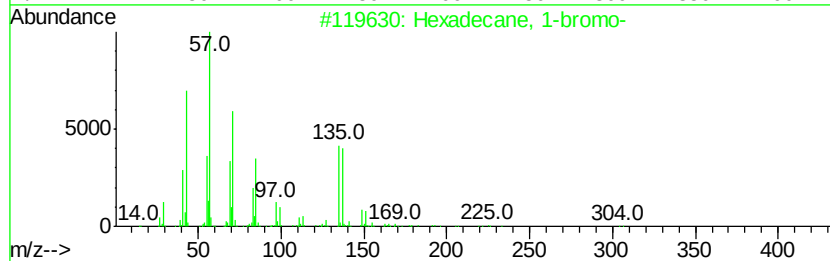
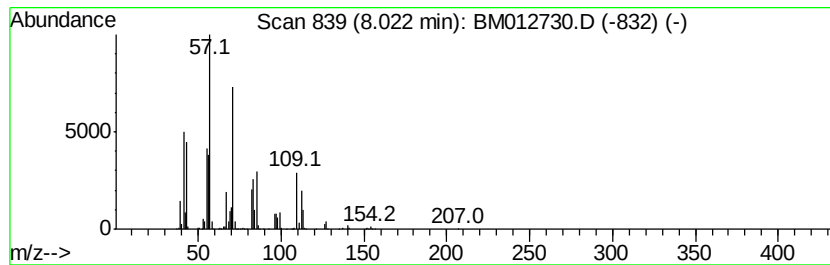
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	8.70 ng/ul	5233220	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	43
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	43
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
4			Decane, 3-methyl-	156	C11H24	013151-34-3	43
5			Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
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Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

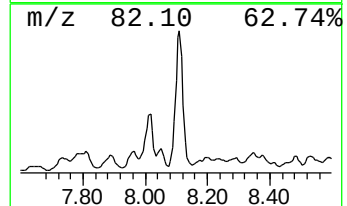
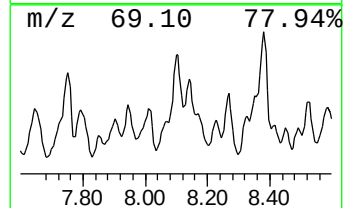
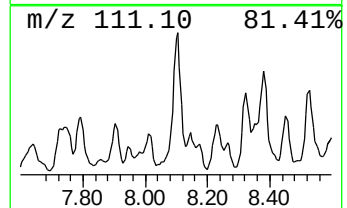
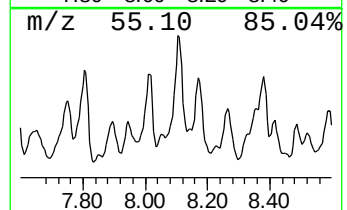
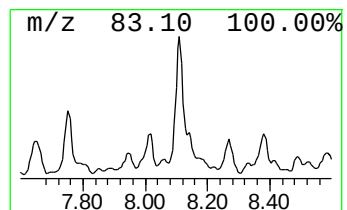
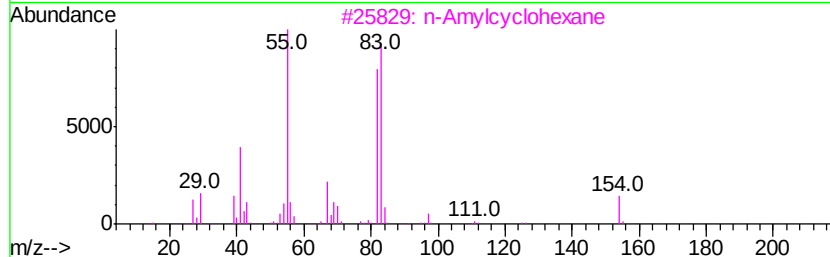
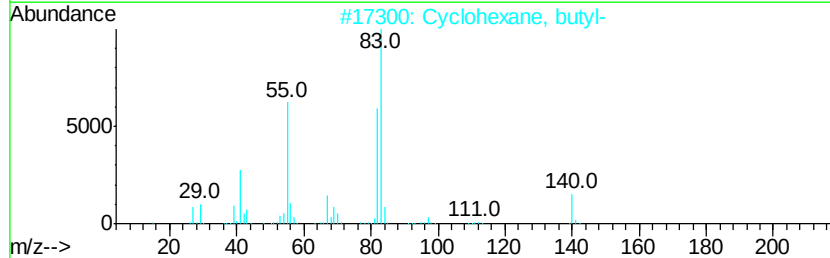
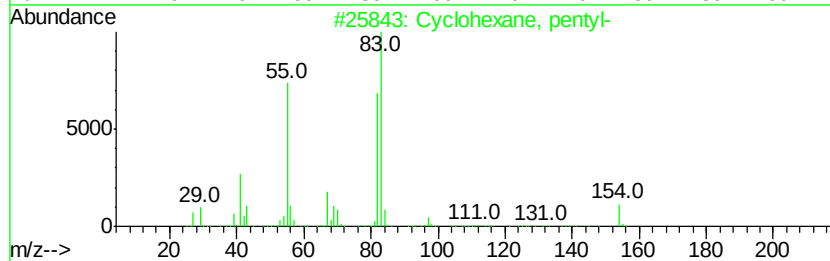
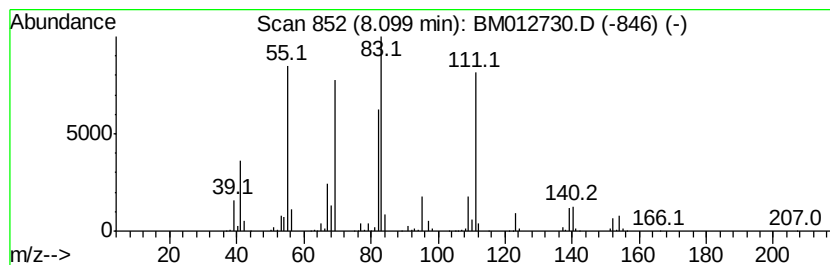
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B-62(5-5.5)-101117

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic8.10 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	6.95 ng/ul	4182220	1,4-Dichlorobenzene-d4	7.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, pentyl-	154 C11H22	004292-92-6 64
2		Cyclohexane, butyl-	140 C10H20	001678-93-9 62
3		n-Amylcyclohexane	154 C11H22	029949-27-7 52
4		Cyclohexane, 2-propenyl-	124 C9H16	002114-42-3 50
5		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

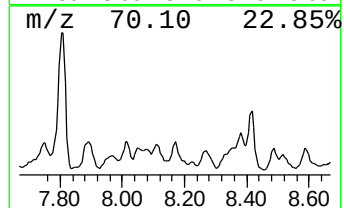
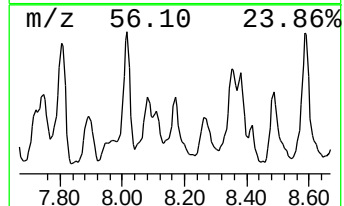
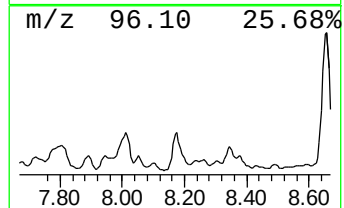
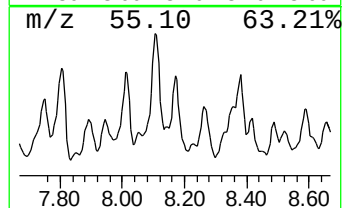
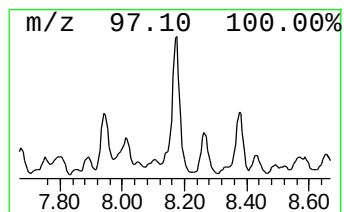
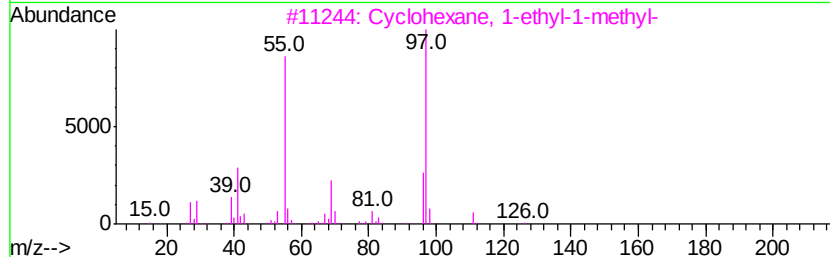
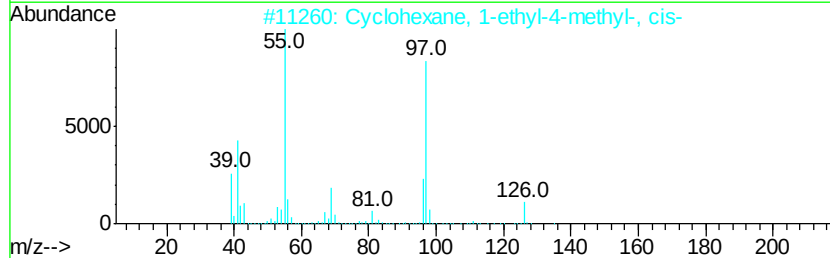
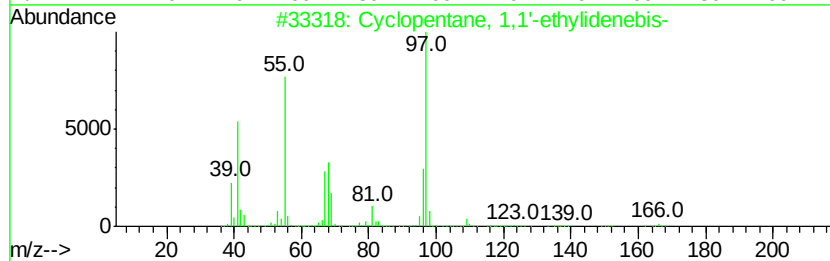
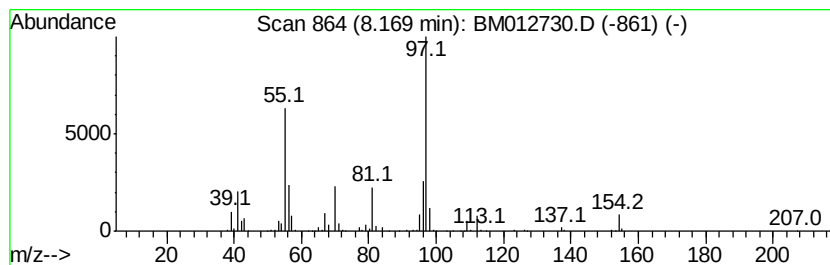
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Cyclopentane, 1,1'-ethylide... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	4.11 ng/ul	2473080	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
4		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

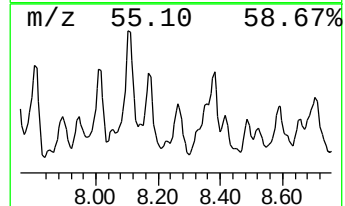
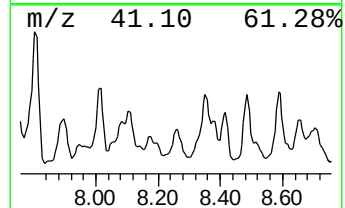
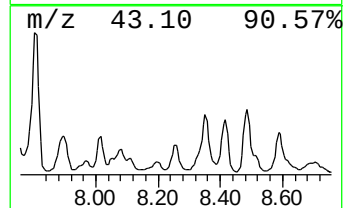
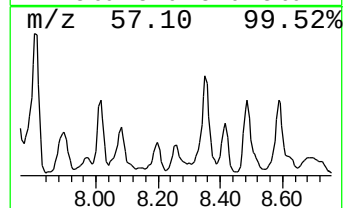
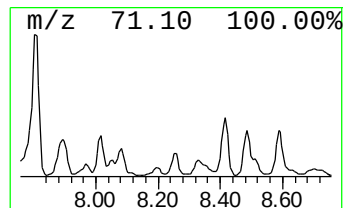
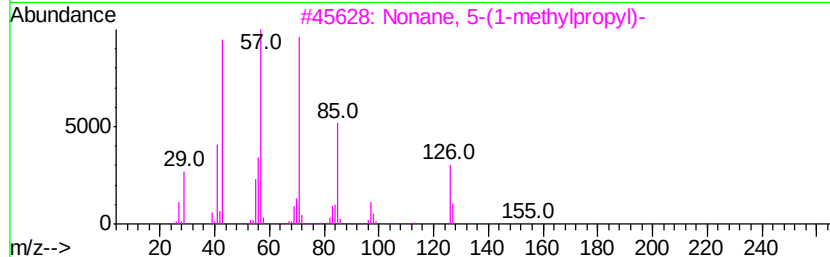
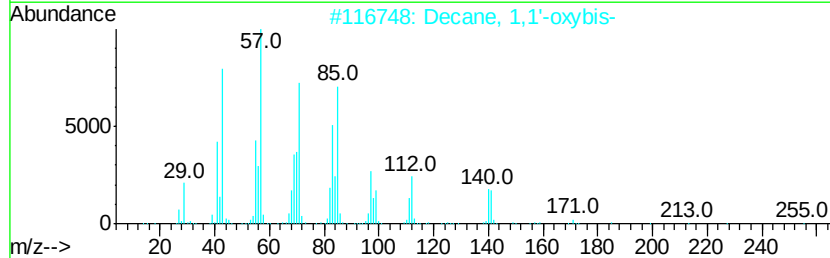
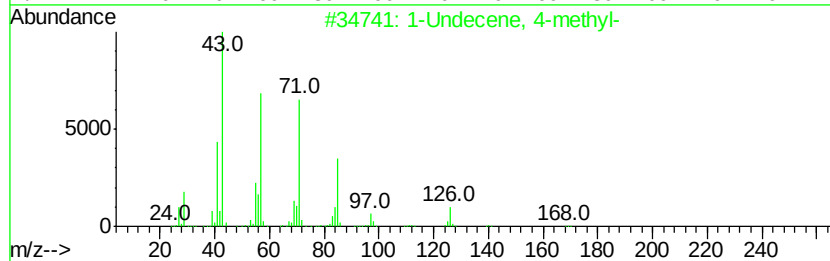
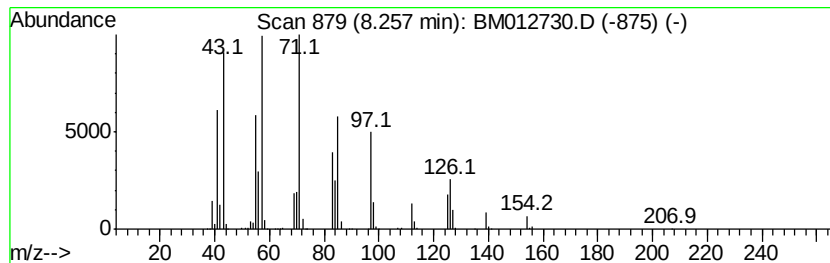
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic8.26 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	4.33 ng/ul	2605590	1,4-Dichlorobenzene-d4	7.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Undecene, 4-methyl-	168 C12H24	074630-39-0	47
2	Decane, 1,1'-oxybis-	298 C20H42O	002456-28-2	47
3	Nonane, 5-(1-methylpropyl)-	184 C13H28	062185-54-0	47
4	1-Eicosanol	298 C20H42O	000629-96-9	43
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
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ClientSampleId :
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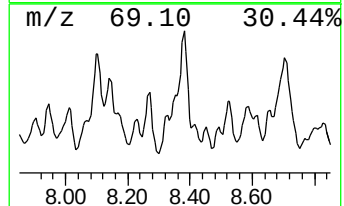
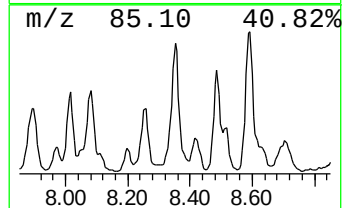
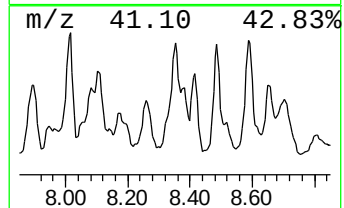
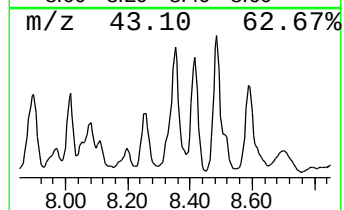
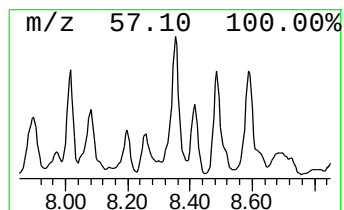
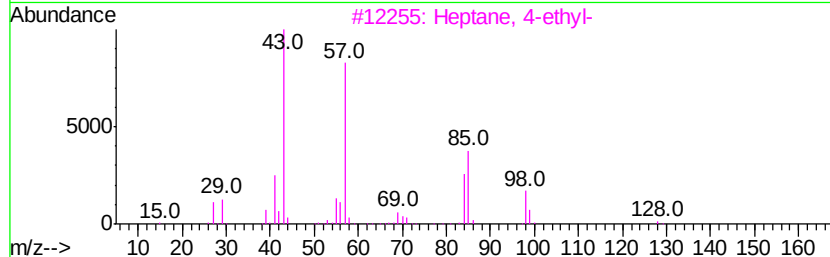
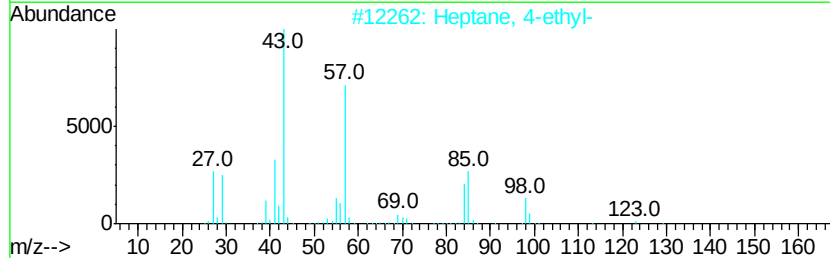
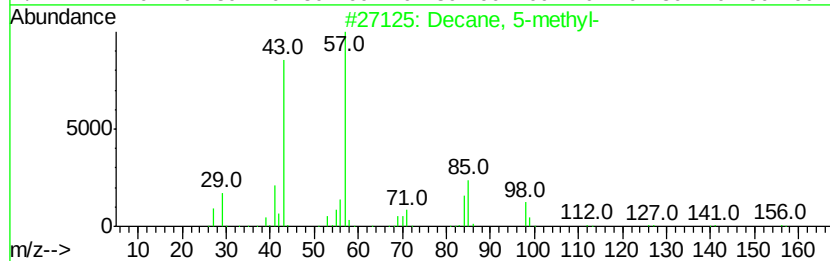
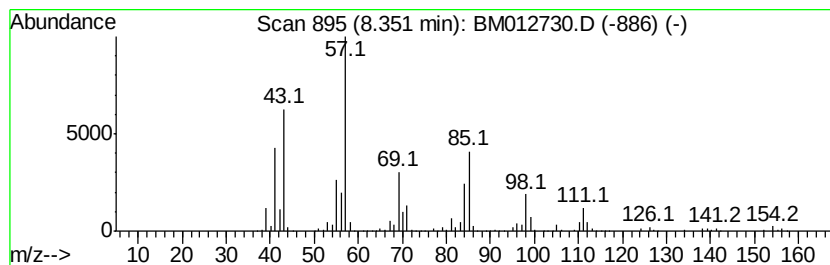
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	11.05 ng/ul	6646760	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	68
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
4		4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	53
5		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-62(5-5.5)-101117

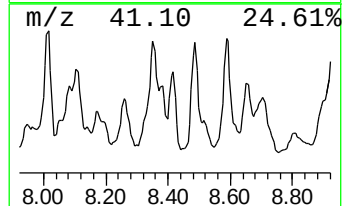
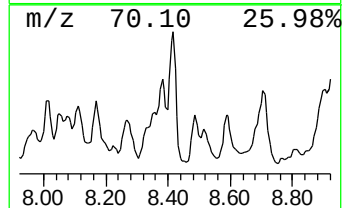
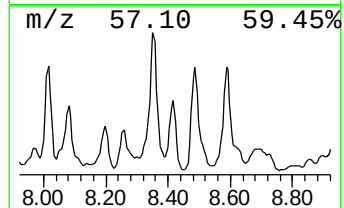
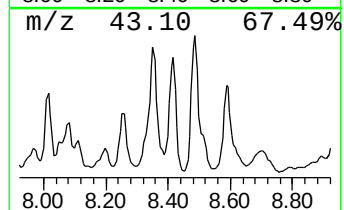
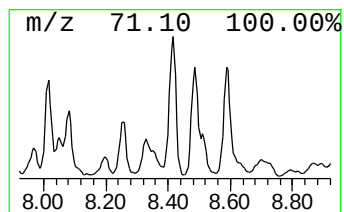
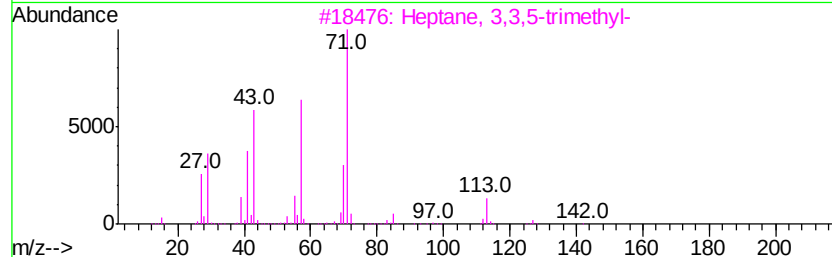
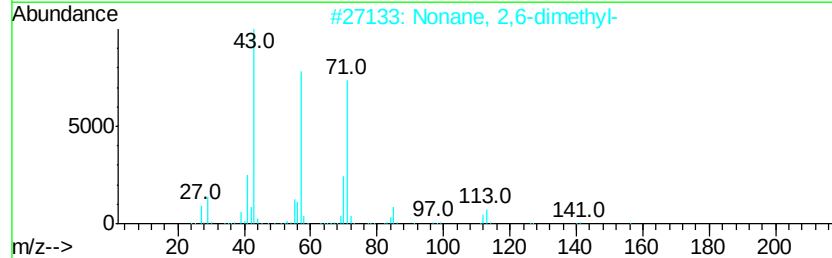
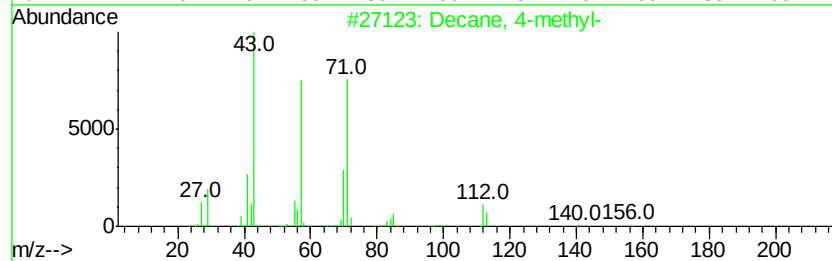
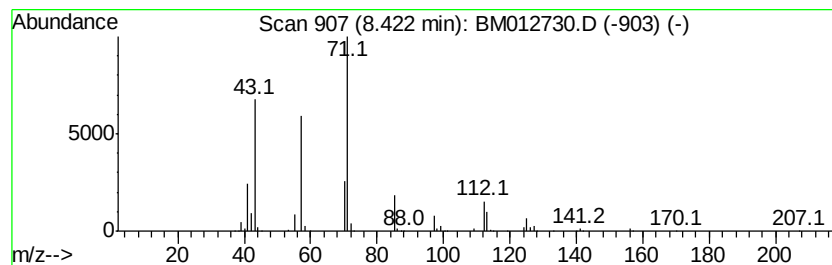
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	4.61 ng/ul	2774960	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	80
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4			Decane, 4-methyl-	156	C11H24	002847-72-5	64
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
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Operator : SJ/JU
Sample : I5825-08
Misc :
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Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

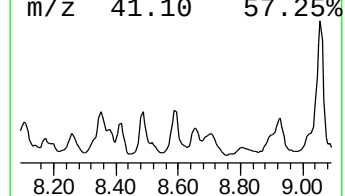
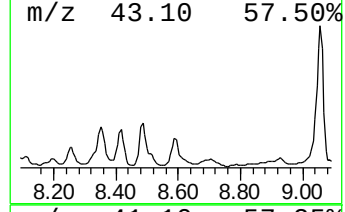
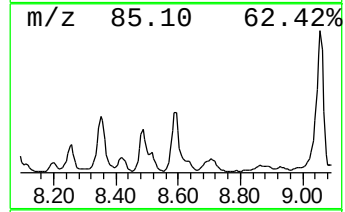
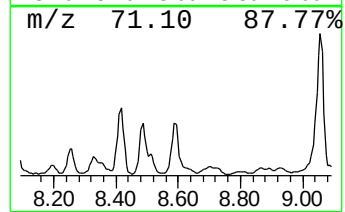
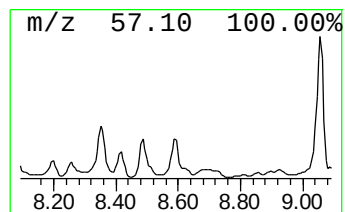
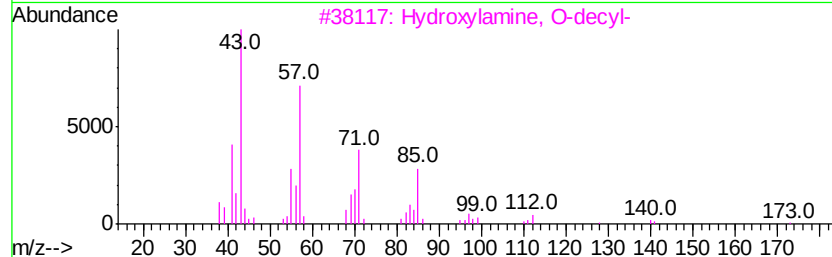
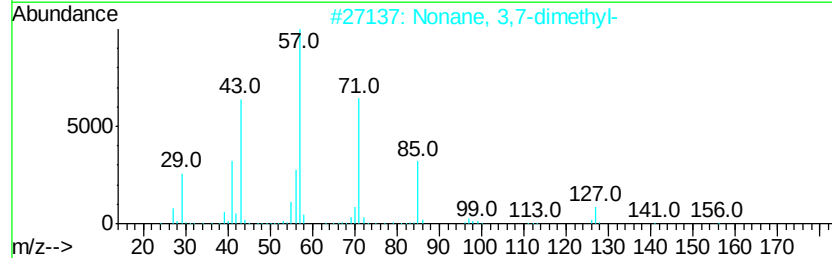
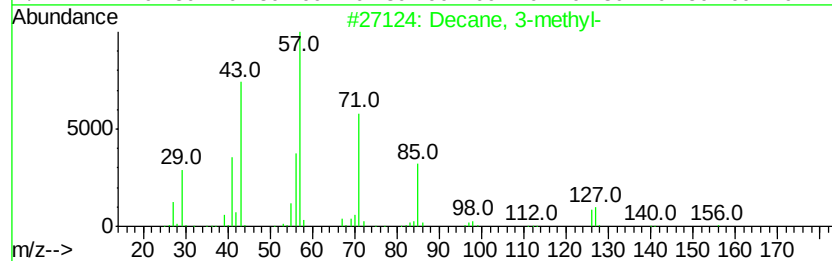
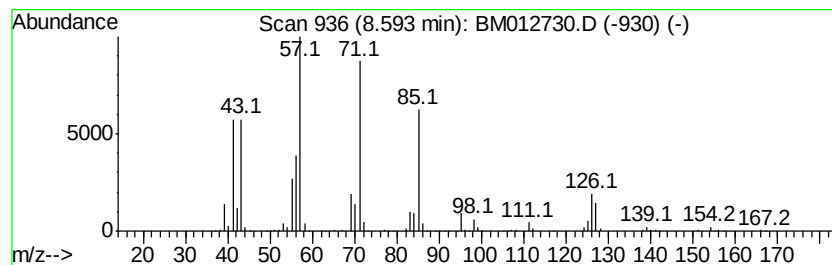
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	7.73 ng/ul	4650780	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	87
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
3		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
4		10-Methylnonadecane	282	C20H42	056862-62-5	59
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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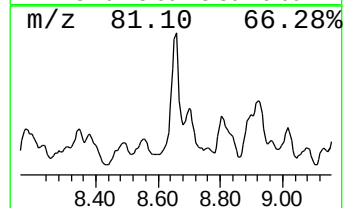
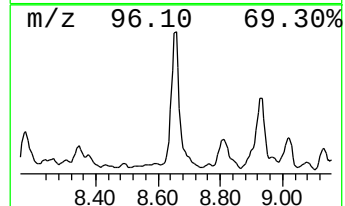
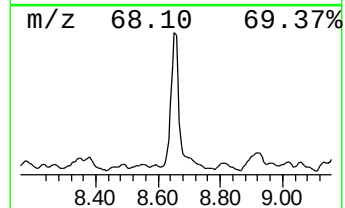
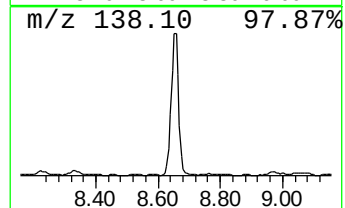
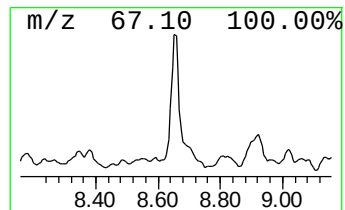
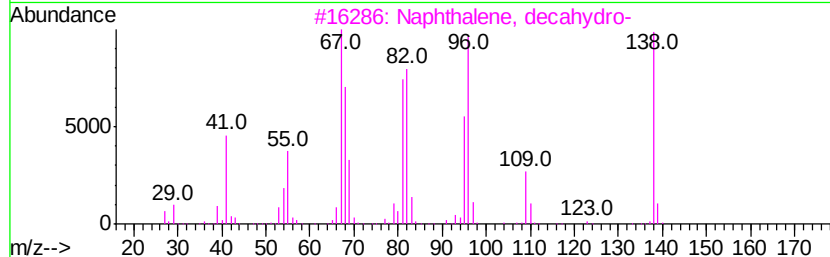
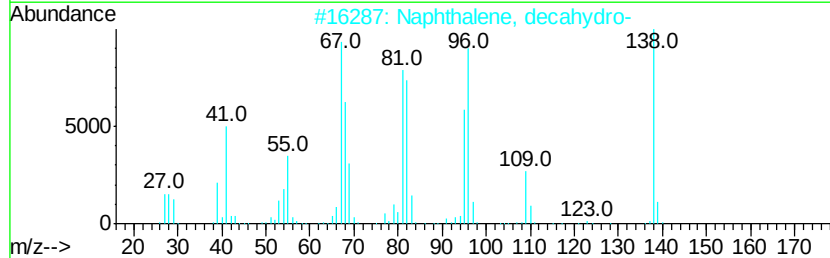
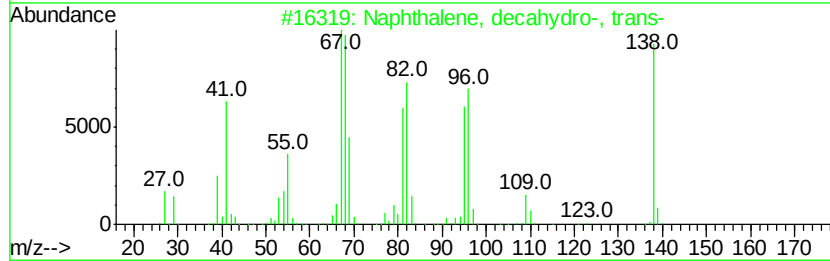
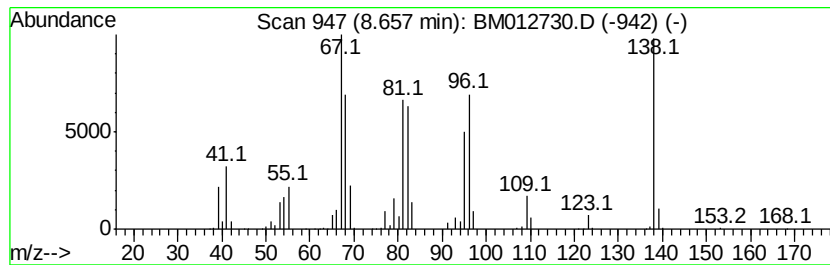
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, decahydro-, tr... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	6.56 ng/ul	3948100	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
5			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	87



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
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Instrument :
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ClientSampleId :
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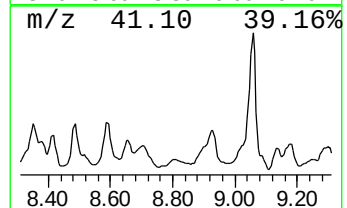
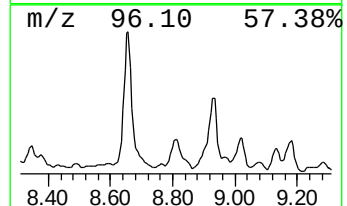
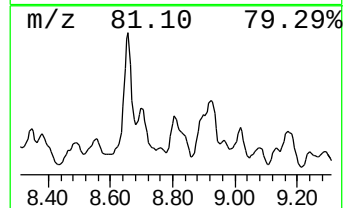
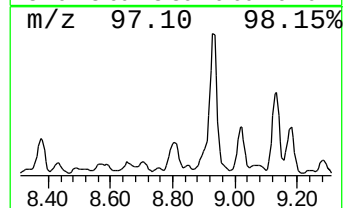
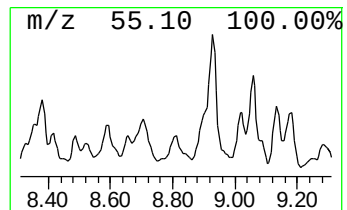
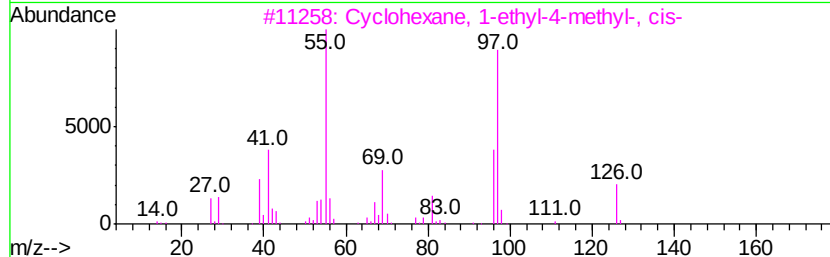
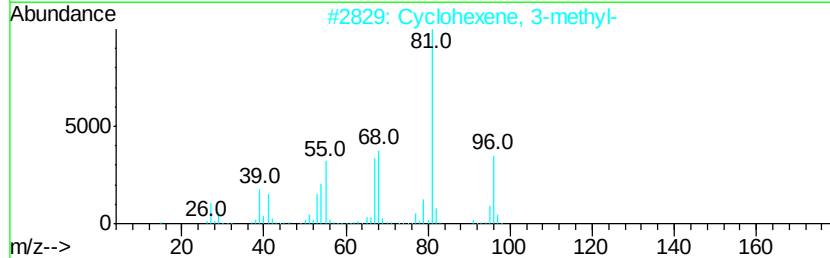
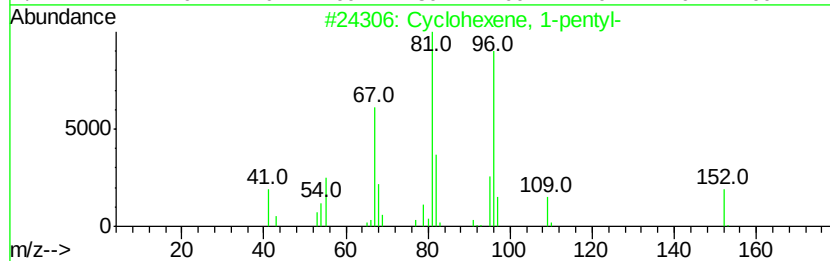
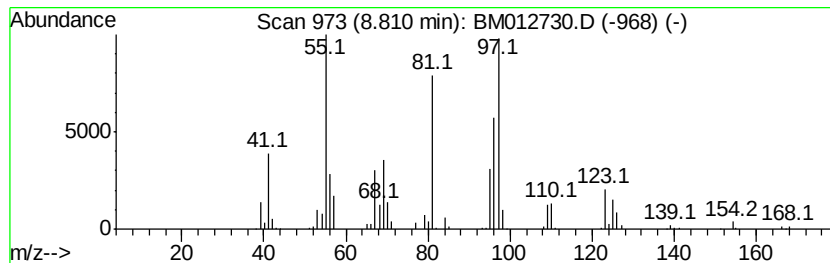
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-04 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	3.13 ng/ul	1883920	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	43
2			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	35



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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ClientSampleId :
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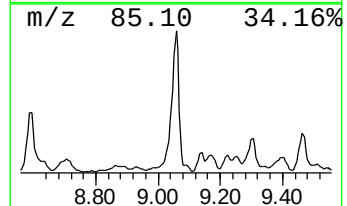
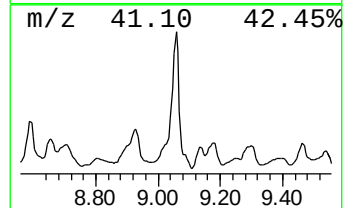
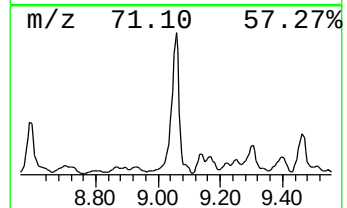
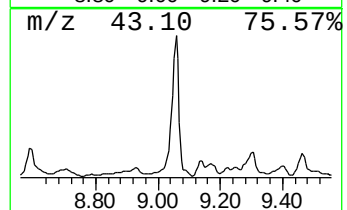
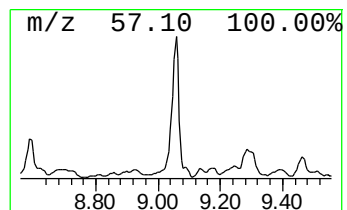
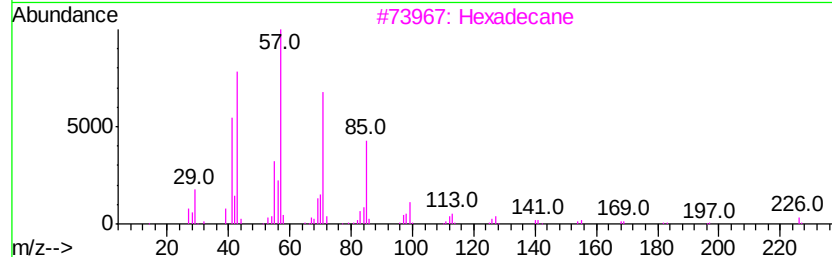
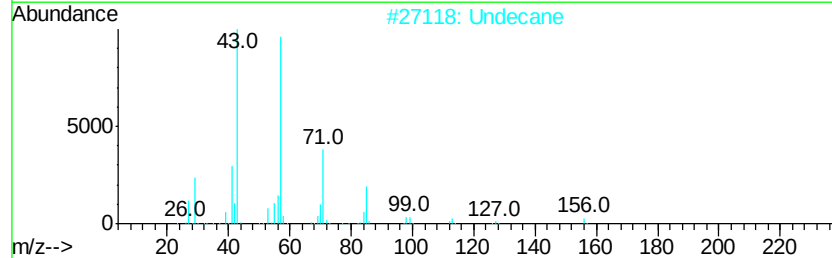
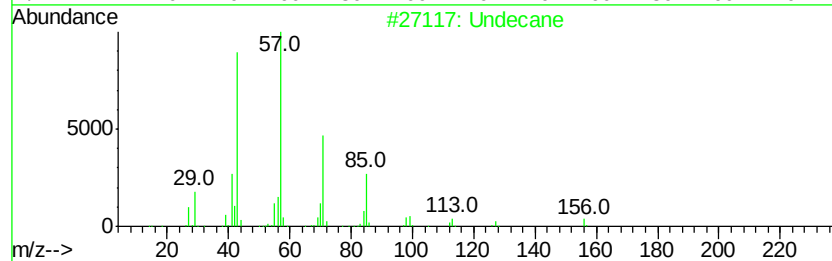
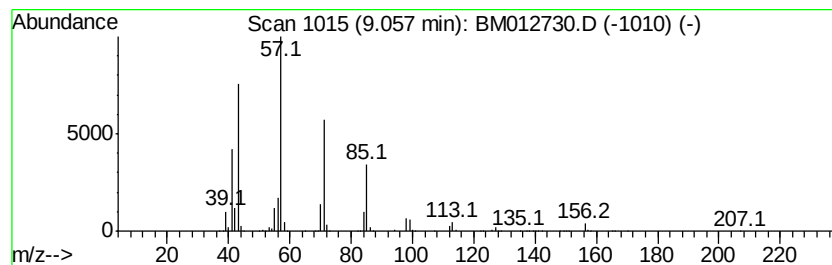
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	26.18 ng/ul	15745900	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	97
2		Undecane	156	C11H24	001120-21-4	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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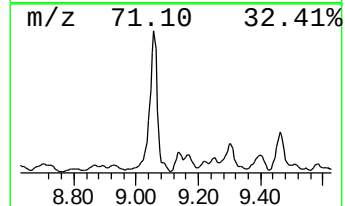
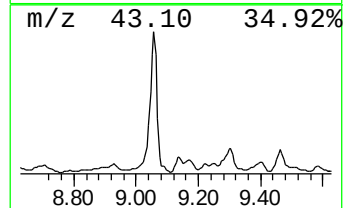
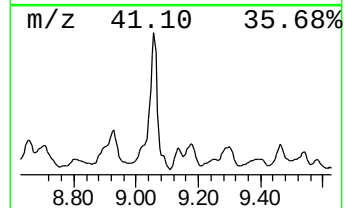
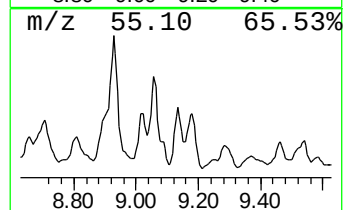
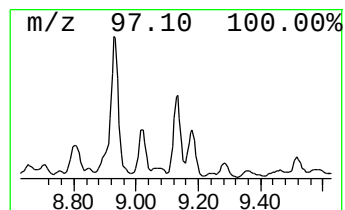
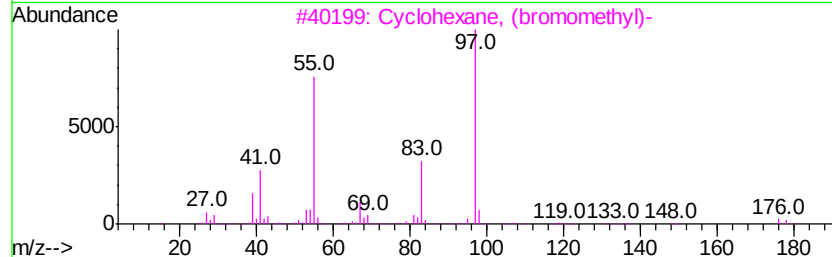
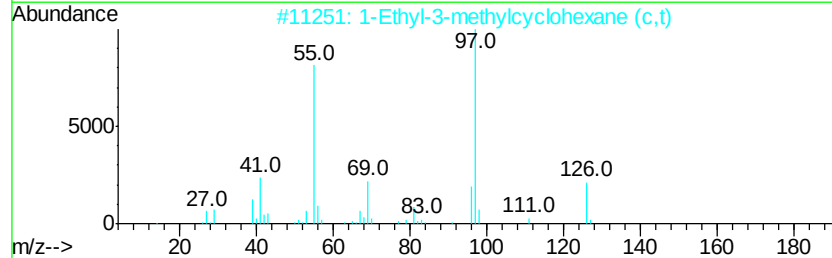
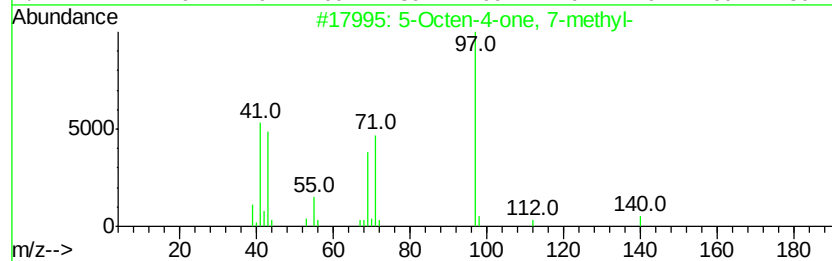
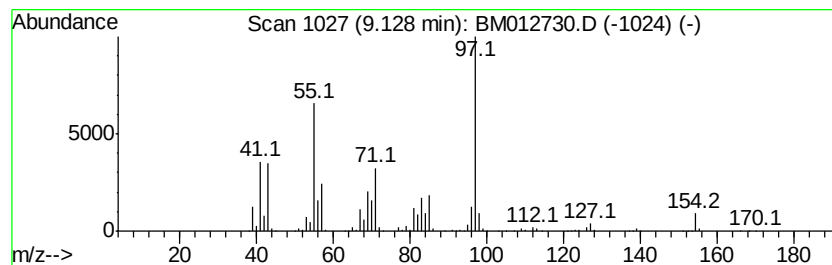
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-05 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	5.44 ng/ul	3272380	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	43
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	35
3		Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	35
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	30
5		Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	27



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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Operator : SJ/JU
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
B-62(5-5.5)-101117

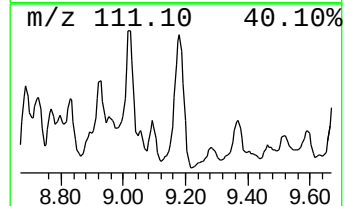
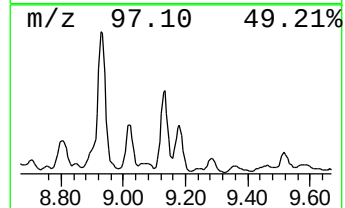
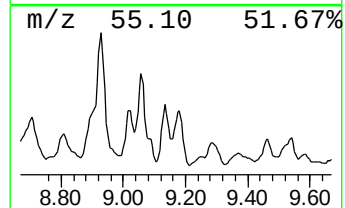
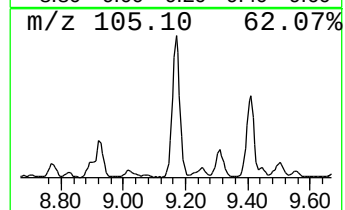
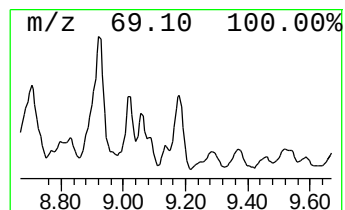
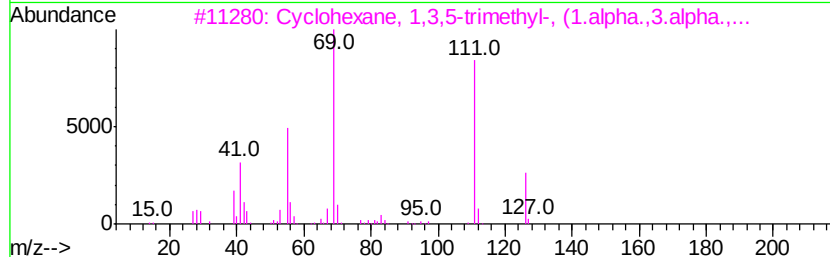
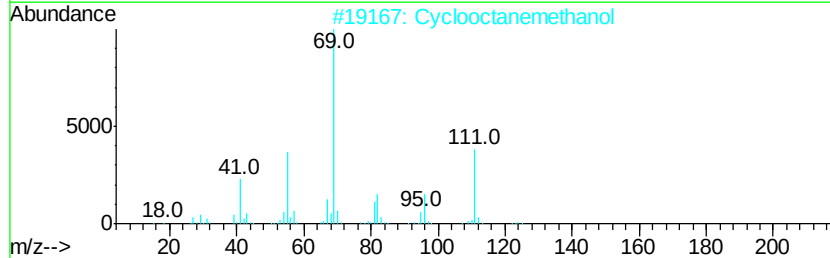
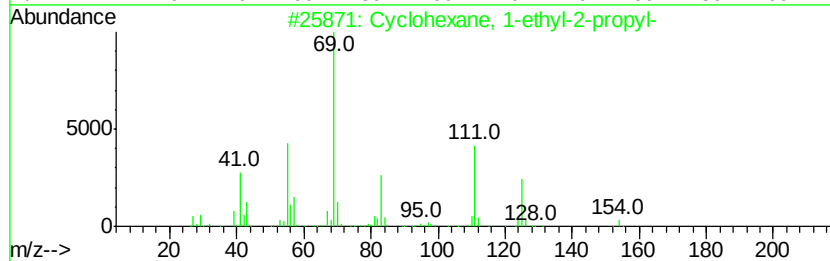
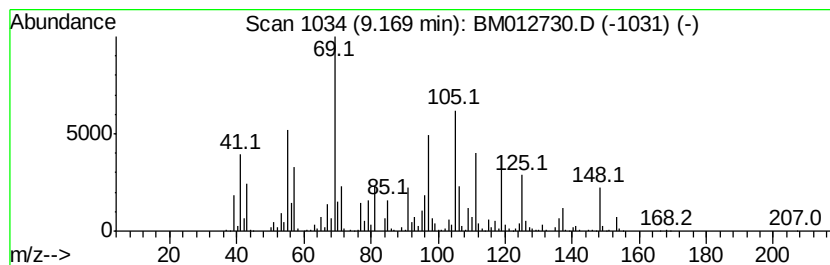
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic9.17 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	8.55 ng/ul	5143980	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	46
2			Cyclooctanemethanol	142	C9H18O	003637-63-6	38
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	35
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	35
5			Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	35



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-62(5-5.5)-101117

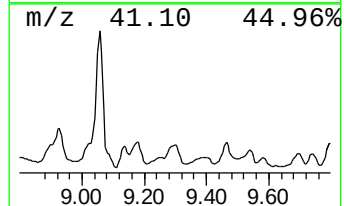
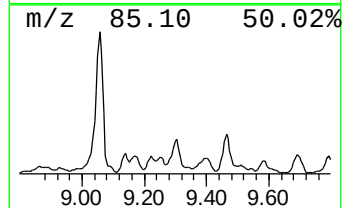
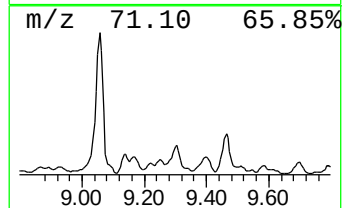
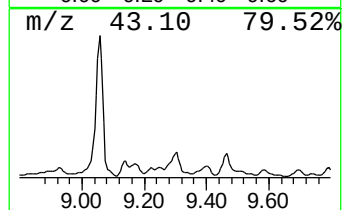
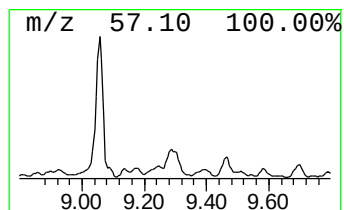
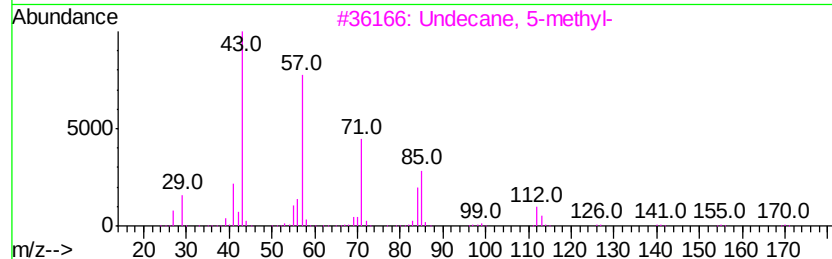
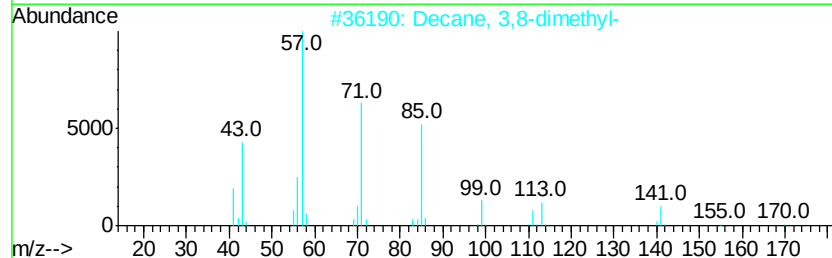
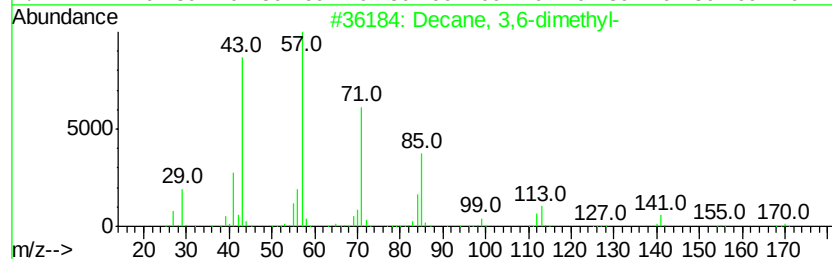
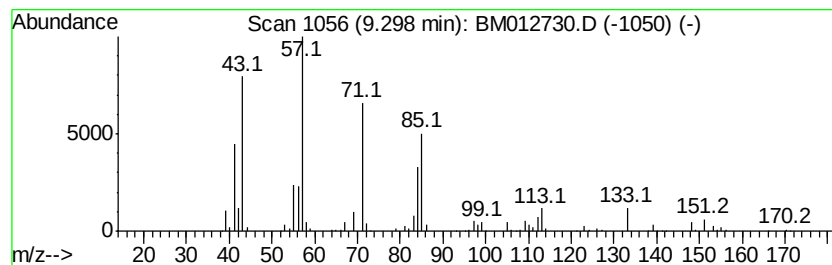
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	10.04 ng/ul	3630160	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	62



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

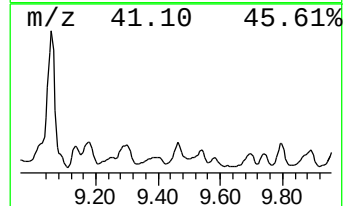
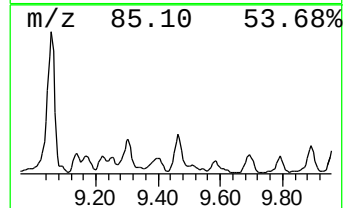
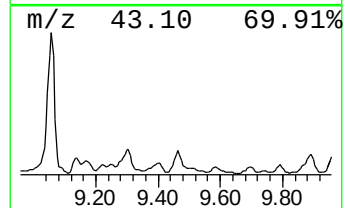
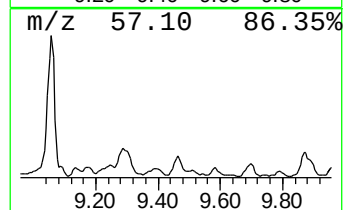
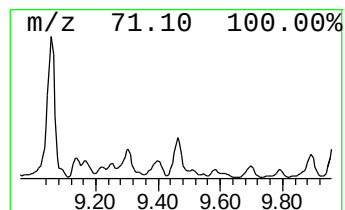
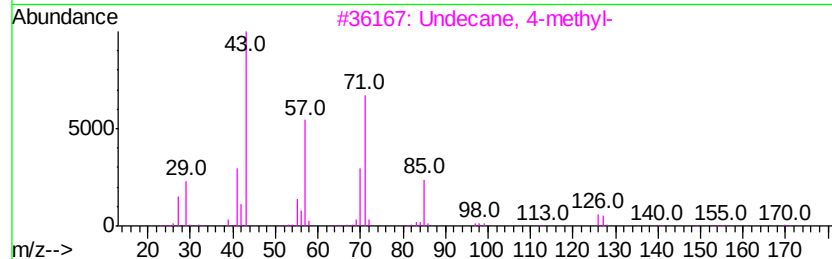
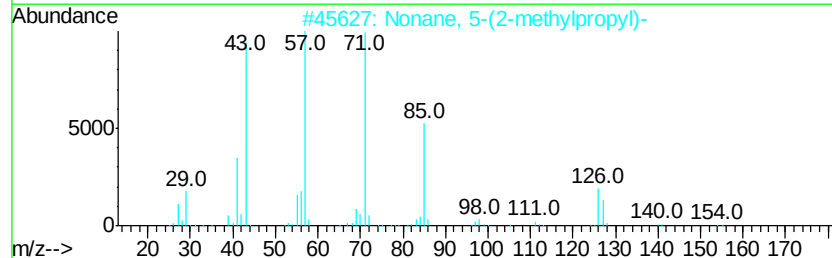
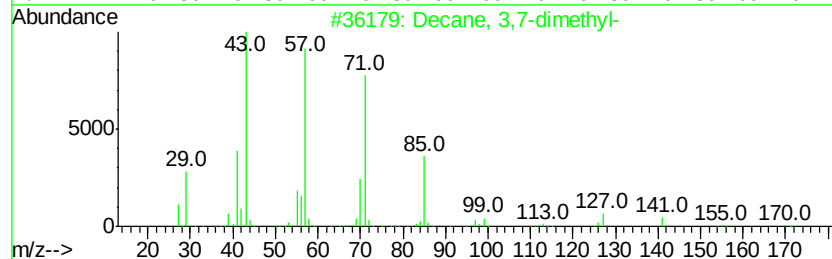
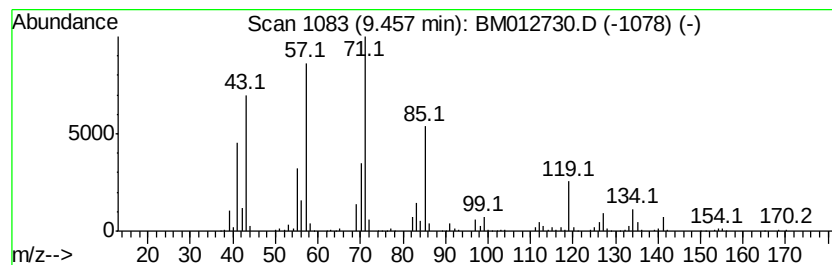
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	8.85 ng/ul	3196750	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decane, 3,7-dimethyl-	170 C12H26	017312-54-8 90
2		Nonane, 5-(2-methylpropyl)-	184 C13H28	062185-53-9 64
3		Undecane, 4-methyl-	170 C12H26	002980-69-0 64
4		Undecane, 2-methyl-	170 C12H26	007045-71-8 58
5		Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1 50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

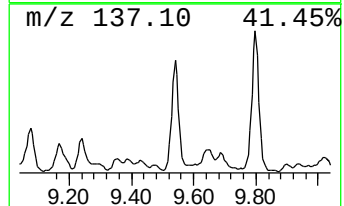
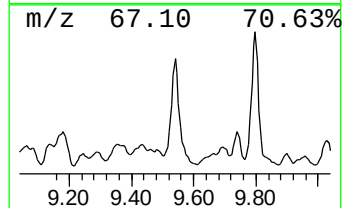
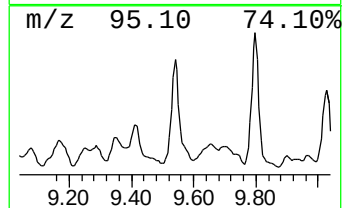
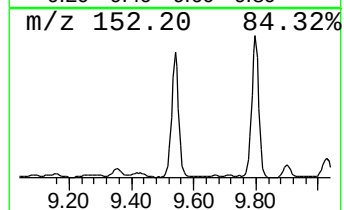
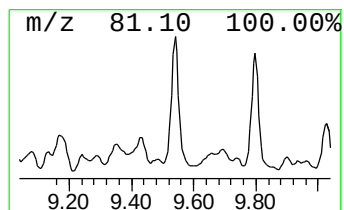
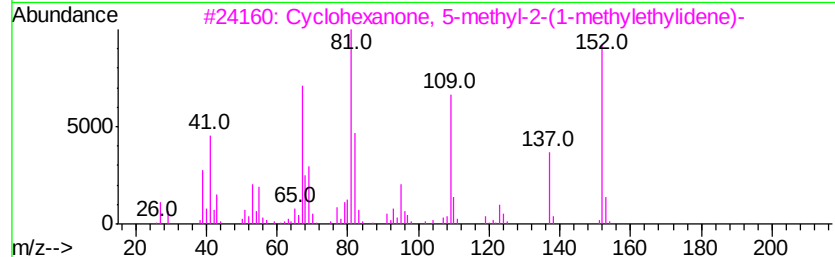
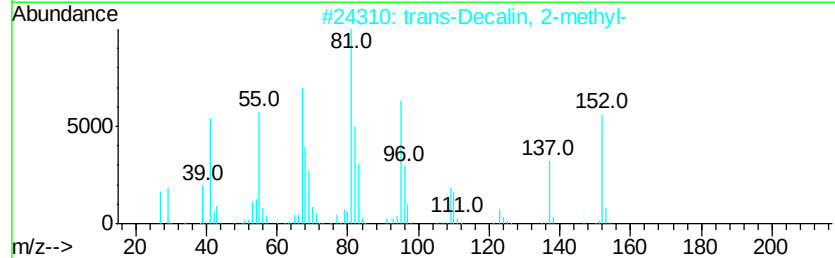
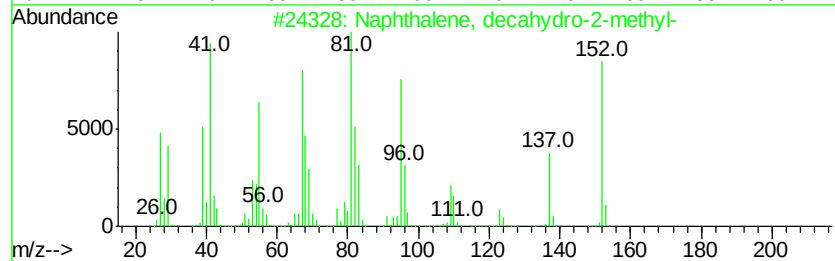
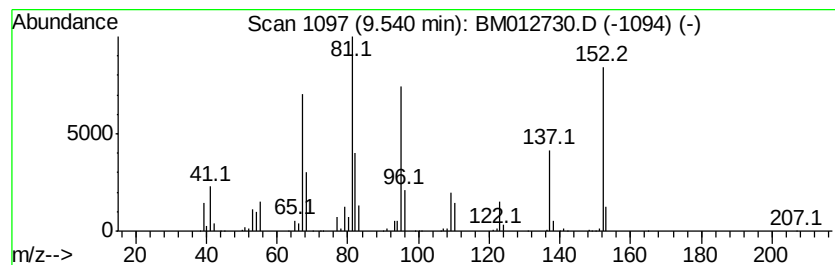
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Naphthalene, decahydro-2-me... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	6.90 ng/ul	2495040	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
4		Pulegone	152	C10H16O	000089-82-7	62
5		Pulegone	152	C10H16O	000089-82-7	62



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
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Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

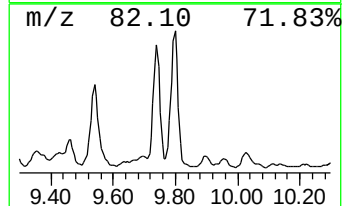
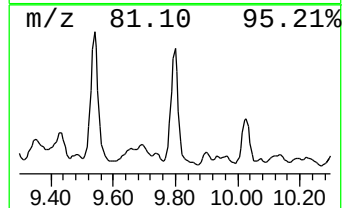
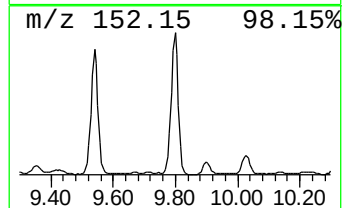
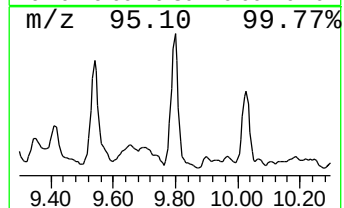
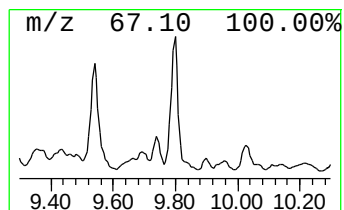
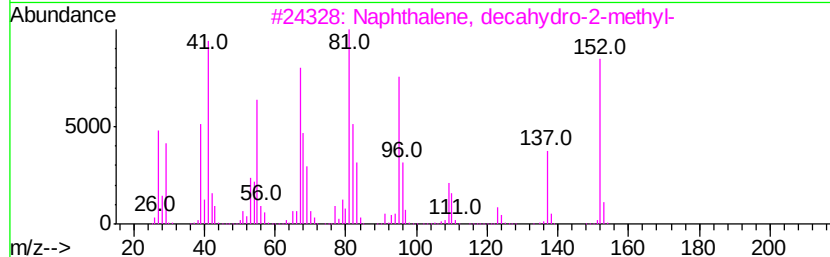
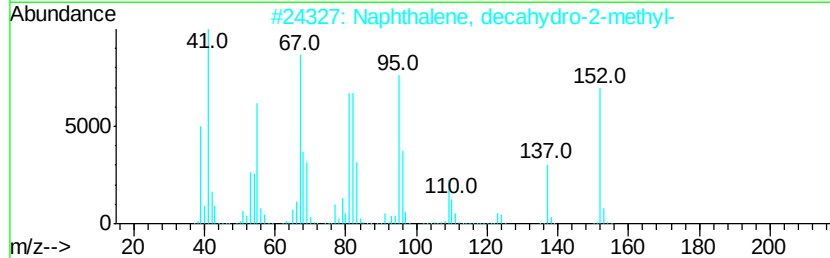
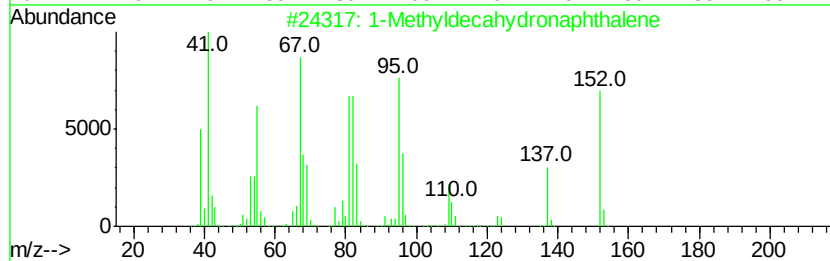
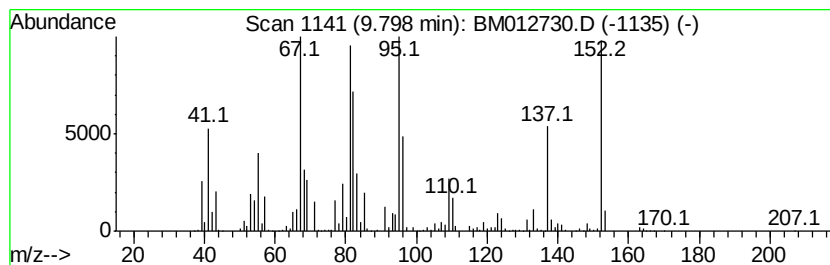
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 1-Methyldecahydronaphthalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	15.46 ng/ul	5586180	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
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Sample : I5825-08
Misc :
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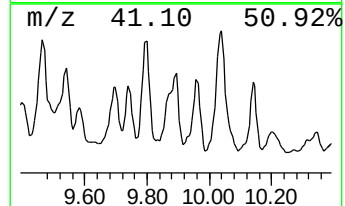
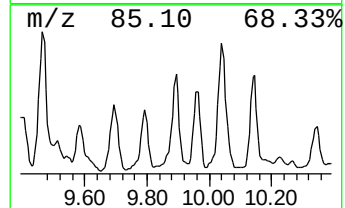
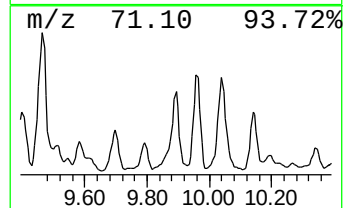
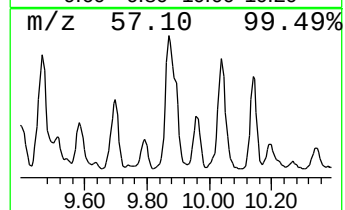
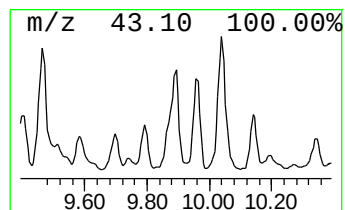
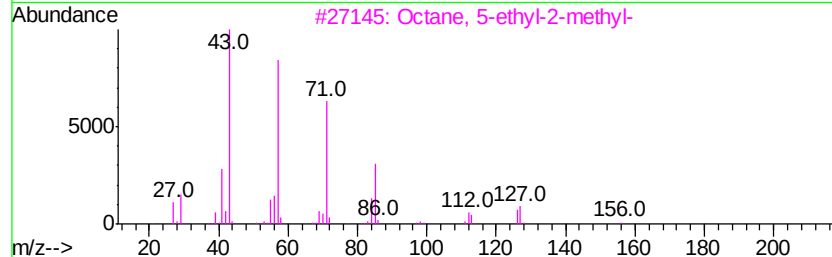
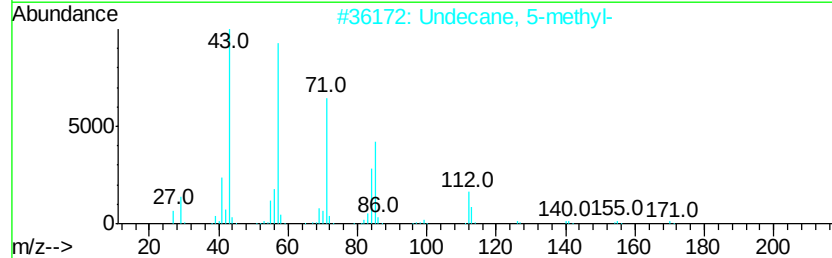
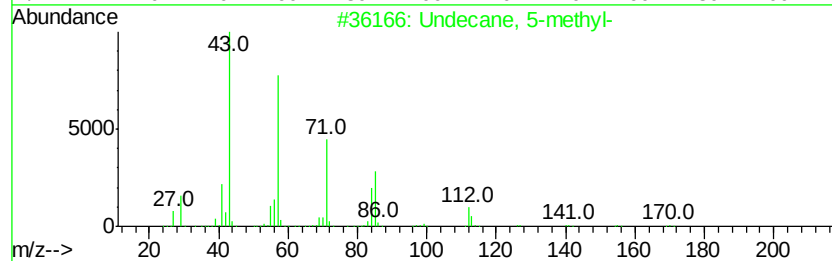
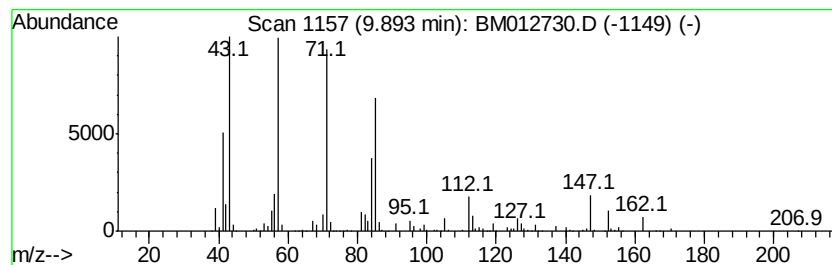
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	8.07 ng/ul	2916580	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-methyl-	170 C12H26	001632-70-8	68
2	Undecane, 5-methyl-	170 C12H26	001632-70-8	64
3	Octane, 5-ethyl-2-methyl-	156 C11H24	062016-18-6	50
4	Decane, 2,3,5,8-tetramethyl-	198 C14H30	192823-15-7	47
5	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	43



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-62(5-5.5)-101117

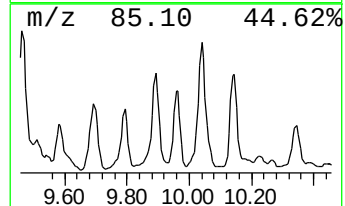
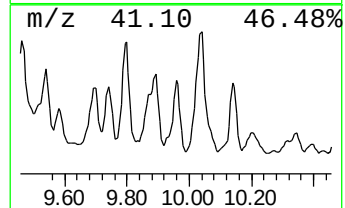
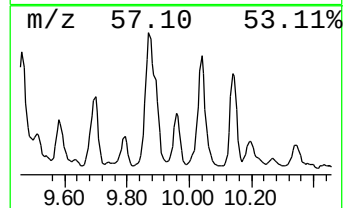
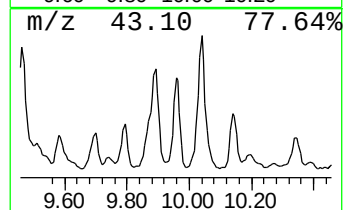
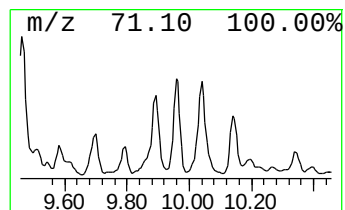
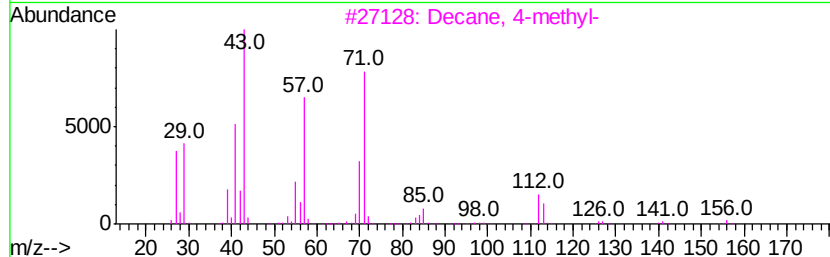
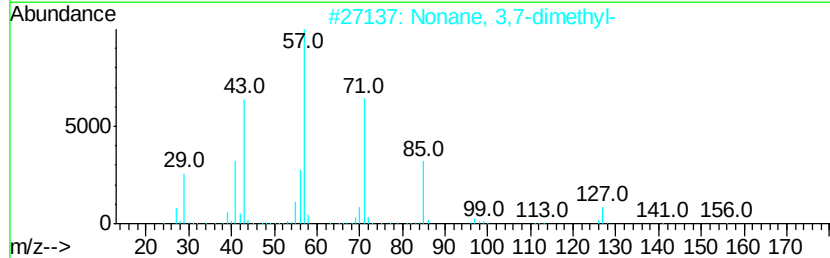
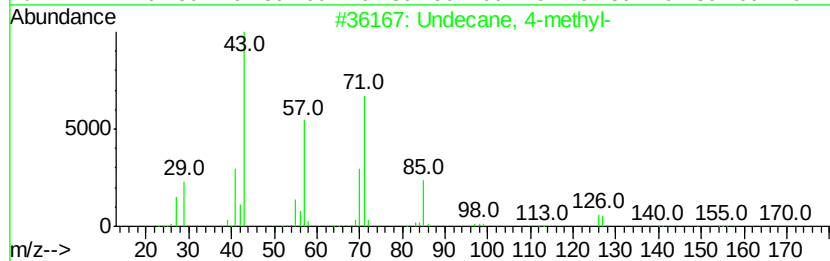
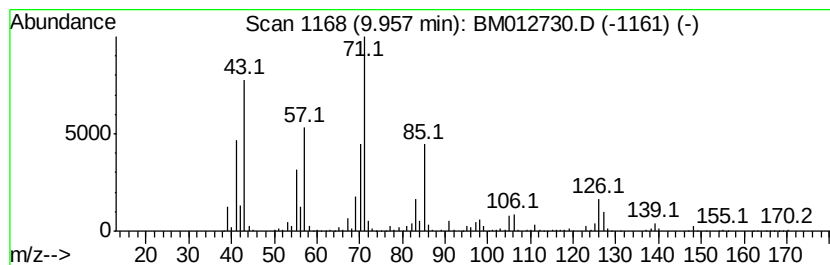
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.54 ng/ul	2003260	Napthalene-d8	10.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	86
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3			Decane, 4-methyl-	156	C11H24	002847-72-5	47
4			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	47
5			Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
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Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

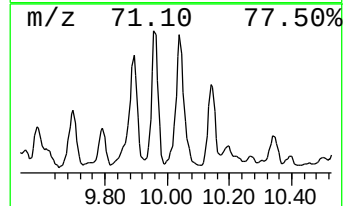
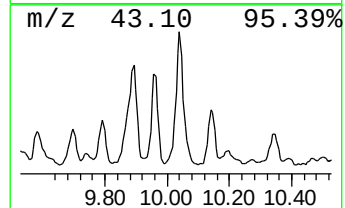
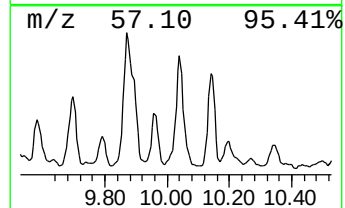
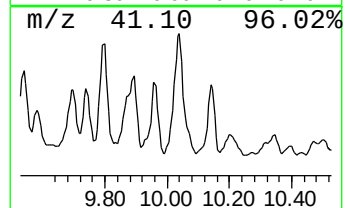
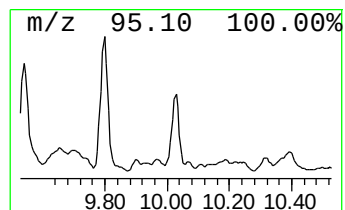
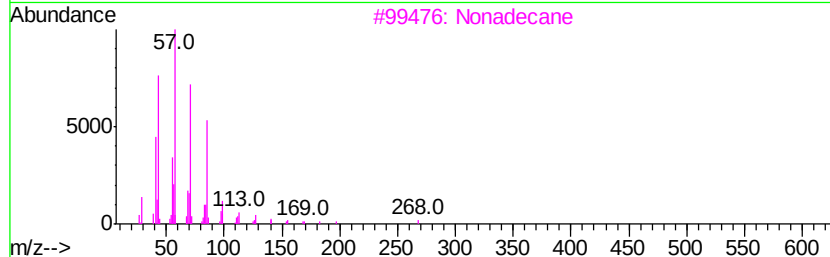
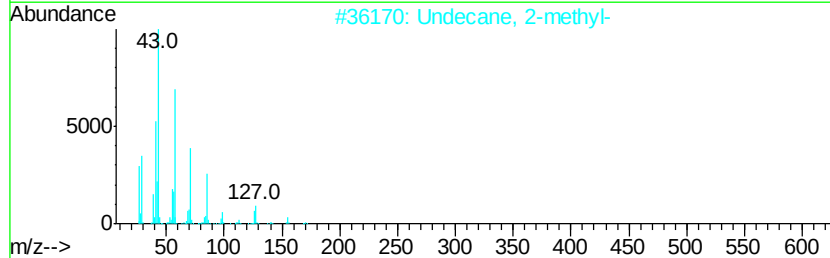
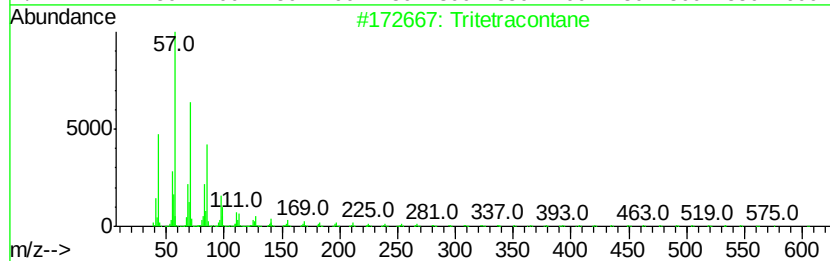
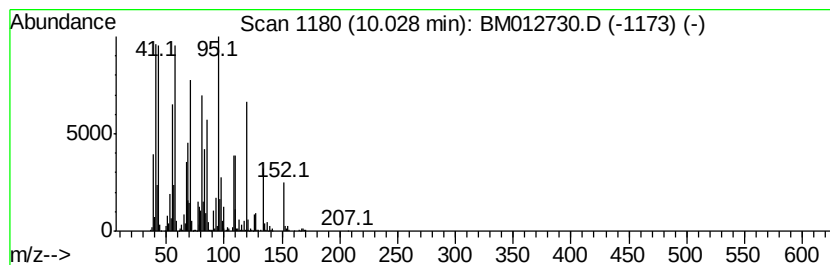
Instrument :
BNA_M
ClientSampleId :
B-62(5-5.5)-101117

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	16.02 ng/ul	5788870	Napthalene-d8	10.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	46
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	43
3	Nonadecane	268	C19H40	000629-92-5	43
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38
5	Decane, 3-methyl-	156	C11H24	013151-34-3	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012730.D
Acq On : 05 Nov 2017 04:53
Operator : SJ/JU
Sample : I5825-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

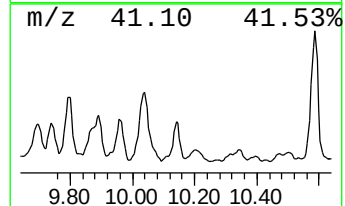
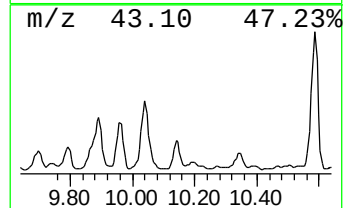
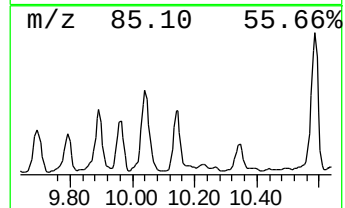
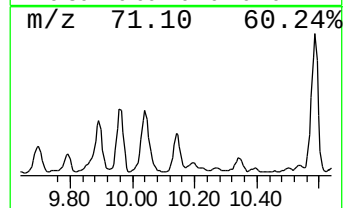
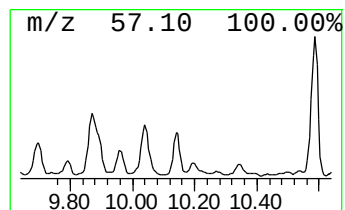
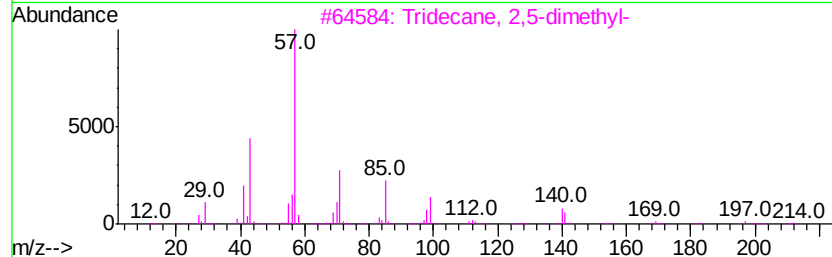
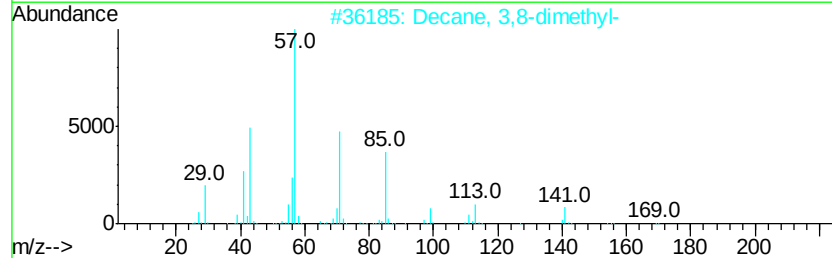
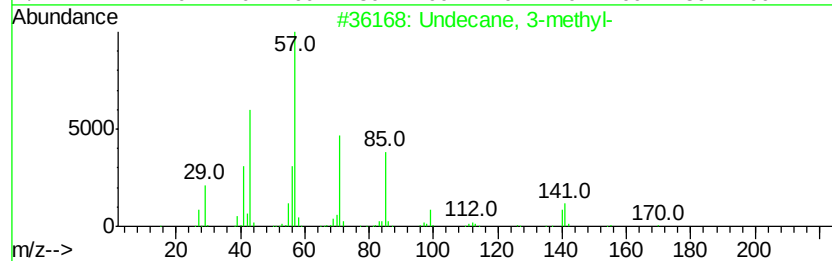
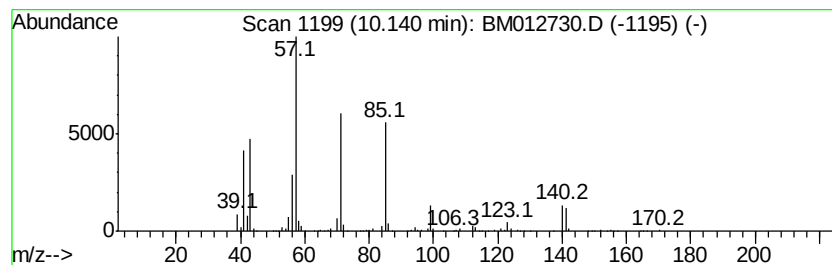
Instrument :
BNA_M
ClientSampleId :
B-62(5-5.5)-101117

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.20 ng/ul	1155670	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3-methyl-	170 C12H26	001002-43-3	87
2	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	78
3	Tridecane, 2,5-dimethyl-	212 C15H32	056292-66-1	64
4	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	62
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM110417\
 Data File : BM012730.D
 Acq On : 05 Nov 2017 04:53
 Operator : SJ/JU
 Sample : I5825-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-62(5-5.5)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.09	3.5	ng/ul	2135640	1	7.82	12029200	20.0
(DEL) Alkane: Str...	6.30	2.5	ng/ul	1506310	1	7.82	12029200	20.0
(DEL) Alkane: Str...	6.38	2.3	ng/ul	1373040	1	7.82	12029200	20.0
(DEL) Alkane: Str...	6.43	2.1	ng/ul	1238470	1	7.82	12029200	20.0
(DEL) Alkane: Str...	6.49	5.7	ng/ul	3434540	1	7.82	12029200	20.0
(DEL) Alkane: Cyc...	6.58	2.2	ng/ul	1338480	1	7.82	12029200	20.0
(DEL) Alkane: Cyc...	6.64	2.5	ng/ul	1494410	1	7.82	12029200	20.0
(DEL) Alkane: Str...	6.70	5.1	ng/ul	3059080	1	7.82	12029200	20.0
(DEL) Alkane: Str...	6.82	2.7	ng/ul	1602160	1	7.82	12029200	20.0
(DEL) Alkane: Str...	6.87	2.3	ng/ul	1375900	1	7.82	12029200	20.0
(DEL) Alkane: Cyc...	6.92	2.9	ng/ul	1726430	1	7.82	12029200	20.0
Cyclohexene, 1-bu...	7.20	4.3	ng/ul	2619260	1	7.82	12029200	20.0
(DEL) Alkane: Str...	7.45	7.6	ng/ul	4548130	1	7.82	12029200	20.0
Cyclohexane, 1-br...	7.54	3.4	ng/ul	2051290	1	7.82	12029200	20.0
unknown-01	7.63	3.3	ng/ul	2002320	1	7.82	12029200	20.0
unknown-02	7.75	13.8	ng/ul	8277340	1	7.82	12029200	20.0
(DEL) Alkane: Str...	7.89	6.8	ng/ul	4071230	1	7.82	12029200	20.0
(DEL) Alkane: Cyc...	7.95	3.5	ng/ul	2122170	1	7.82	12029200	20.0
unknown-03	8.02	8.7	ng/ul	5233220	1	7.82	12029200	20.0
(DEL) Alkane: Cyc...	8.10	7.0	ng/ul	4182220	1	7.82	12029200	20.0
Cyclopentane, 1,1...	8.17	4.1	ng/ul	2473080	1	7.82	12029200	20.0
(DEL) Alkane: Cyc...	8.26	4.3	ng/ul	2605590	1	7.82	12029200	20.0
(DEL) Alkane: Str...	8.35	11.1	ng/ul	6646760	1	7.82	12029200	20.0
(DEL) Alkane: Str...	8.42	4.6	ng/ul	2774960	1	7.82	12029200	20.0
(DEL) Alkane: Str...	8.59	7.7	ng/ul	4650780	1	7.82	12029200	20.0
Naphthalene, deca...	8.66	6.6	ng/ul	3948100	1	7.82	12029200	20.0
unknown-04	8.81	3.1	ng/ul	1883920	1	7.82	12029200	20.0
(DEL) Alkane: Str...	9.06	26.2	ng/ul	15745900	1	7.82	12029200	20.0
unknown-05	9.13	5.4	ng/ul	3272380	1	7.82	12029200	20.0
(DEL) Alkane: Cyc...	9.17	8.6	ng/ul	5143980	1	7.82	12029200	20.0
(DEL) Alkane: Str...	9.30	10.0	ng/ul	3630160	2	10.61	7228040	20.0
(DEL) Alkane: Str...	9.46	8.8	ng/ul	3196750	2	10.61	7228040	20.0
Naphthalene, deca...	9.54	6.9	ng/ul	2495040	2	10.61	7228040	20.0
1-Methyldecahydro...	9.80	15.5	ng/ul	5586180	2	10.61	7228040	20.0
(DEL) Alkane: Str...	9.89	8.1	ng/ul	2916580	2	10.61	7228040	20.0
(DEL) Alkane: Str...	9.96	5.5	ng/ul	2003260	2	10.61	7228040	20.0
(DEL) Alkane: Str...	10.03	16.0	ng/ul	5788870	2	10.61	7228040	20.0
(DEL) Alkane: Str...	10.14	3.2	ng/ul	1155670	2	10.61	7228040	20.0