

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
 Data File : BM007840.D
 Acq On : 11 Nov 2016 23:41
 Operator : UM/SJ
 Sample : H5610-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M5

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\SOM02.2-EPA-BM102016.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.528	148	160	170	rBV	2144409	5812177	8.12%	0.306%
2	3.899	218	223	231	rVB3	2452932	5980526	8.36%	0.315%
3	3.993	231	239	249	rVB4	2654632	7080483	9.90%	0.372%
4	4.163	261	268	281	rBV2	6165711	17390973	24.31%	0.915%
5	4.299	281	291	300	rVB2	3926429	9970784	13.94%	0.524%
6	4.446	311	316	324	rVB2	4809123	9907695	13.85%	0.521%
7	4.522	324	329	334	rBV2	3222931	6254970	8.74%	0.329%
8	4.616	341	345	354	rVB2	3030959	6757859	9.45%	0.355%
9	4.722	354	363	370	rBV	8418447	19099279	26.69%	1.005%
10	4.816	373	379	385	rBV	6819713	15767386	22.04%	0.829%
11	4.875	385	389	393	rBV3	2356872	4134266	5.78%	0.217%
12	4.928	393	398	402	rVB	6433228	10312674	14.41%	0.542%
13	4.981	402	407	413	rBV	13105103	24004181	33.55%	1.263%
14	5.134	428	433	437	rBV	4222535	7554854	10.56%	0.397%
15	5.222	442	448	459	rVB4	15971527	45658591	63.82%	2.402%
16	5.357	460	471	482	rVB	13812503	35699373	49.90%	1.878%
17	5.463	482	489	498	rVB4	3994343	11634964	16.26%	0.612%
18	5.575	498	508	513	rBV2	6312746	15057408	21.05%	0.792%
19	5.646	513	520	528	rBV3	8971143	25424801	35.54%	1.337%
20	5.728	528	534	540	rBV2	12329479	25085656	35.06%	1.320%
21	5.787	540	544	551	rVB	9551380	19704428	27.54%	1.037%
22	5.857	551	556	564	rVB	6746625	13417217	18.75%	0.706%
23	5.946	564	571	578	rBV2	3485251	8631301	12.06%	0.454%
24	6.040	578	587	599	rBV5	20062716	71546333	100.00%	3.764%
25	6.157	600	607	616	rVB3	12439379	36871613	51.54%	1.940%
26	6.263	616	625	631	rBV6	17649482	52878175	73.91%	2.782%
27	6.340	631	638	642	rBV	15802278	32897228	45.98%	1.730%
28	6.416	642	651	655	rBV3	18326959	57713145	80.67%	3.036%
29	6.528	665	670	674	rVB	6928923	11884148	16.61%	0.625%
30	6.587	674	680	684	rVB4	8299222	14495575	20.26%	0.763%
31	6.657	684	692	699	rBV3	15148800	41902606	58.57%	2.204%
32	6.769	699	711	715	rBV4	21013436	62260074	87.02%	3.275%
33	6.816	715	719	723	rVB2	4525906	6253542	8.74%	0.329%
34	6.863	723	727	730	rBV3	7353581	12322001	17.22%	0.648%

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35	6.922	730	737	750	rVB4	22310253	61824579	86.41%	3.252%
36	7.045	753	758	759	rBV3	2935136	4075359	5.70%	0.214%
37	7.093	760	766	771	rVV3	7777592	16404283	22.93%	0.863%
38	7.145	771	775	778	rVV3	7042023	11850430	16.56%	0.623%
39	7.187	778	782	785	rVV2	7871608	14409836	20.14%	0.758%
40	7.257	789	794	801	rVV5	23147996	57230302	79.99%	3.010%
41	7.322	802	805	816	rVB5	14278872	34434582	48.13%	1.811%
42	7.410	816	820	822	rBV	4862342	7697983	10.76%	0.405%
43	7.475	828	831	836	rVB3	6765858	10854158	15.17%	0.571%
44	7.575	842	848	856	rVB6	7031836	18160860	25.38%	0.955%
45	7.675	856	865	870	rBV6	10629027	33865304	47.33%	1.781%
46	7.751	870	878	883	rVB	23945088	58959836	82.41%	3.101%
47	7.828	885	891	897	rBV3	10503785	22830332	31.91%	1.201%
48	7.904	897	904	906	rBV6	4875847	10918881	15.26%	0.574%
49	7.951	907	912	916	rVB4	10182759	17782294	24.85%	0.935%
50	8.051	926	929	935	rVB3	14437988	24299905	33.96%	1.278%
51	8.104	935	938	946	rVB4	6405804	12971169	18.13%	0.682%
52	8.192	948	953	958	rBV3	5634760	10008467	13.99%	0.526%
53	8.287	959	969	976	rBV3	12781134	36455247	50.95%	1.918%
54	8.345	976	979	984	rVB	10752505	15861009	22.17%	0.834%
55	8.416	984	991	993	rBV5	5129997	10729702	15.00%	0.564%
56	8.516	1004	1008	1011	rBV	5593623	9064196	12.67%	0.477%
57	8.557	1012	1015	1017	rVV	3766566	5540421	7.74%	0.291%
58	8.587	1017	1020	1025	rVB2	4936530	8464873	11.83%	0.445%
59	8.734	1041	1045	1054	rVB5	2446745	6315058	8.83%	0.332%
60	8.857	1055	1066	1075	rVV5	18774537	57422538	80.26%	3.021%
61	8.951	1076	1082	1088	rVV3	11334332	25196968	35.22%	1.325%
62	9.010	1089	1092	1096	rVB2	6029833	8662842	12.11%	0.456%
63	9.104	1096	1108	1114	rBV6	12814777	48926291	68.38%	2.574%
64	9.228	1122	1129	1134	rVB4	7058802	18990859	26.54%	0.999%
65	9.392	1150	1157	1163	rBV3	9804011	25528039	35.68%	1.343%
66	9.622	1190	1196	1200	rBV2	8565935	16955903	23.70%	0.892%
67	9.669	1200	1204	1208	rVV2	12172422	19806229	27.68%	1.042%
68	9.722	1208	1213	1221	rVV7	10483354	24886134	34.78%	1.309%
69	9.798	1222	1226	1233	rVB2	6250011	16840391	23.54%	0.886%
70	9.886	1237	1241	1246	rVB2	5978725	9698383	13.56%	0.510%
71	9.951	1246	1252	1264	rBV4	9285382	27956086	39.07%	1.471%

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72	10.122	1276	1281	1286	rBV4	4577125	9536608	13.33%	0.502%
73	10.239	1296	1301	1309	rBV3	4375417	11235335	15.70%	0.591%
74	10.410	1324	1330	1331	rBV4	4664078	8639299	12.08%	0.454%
75	10.504	1341	1346	1347	rBV3	3844527	6077597	8.49%	0.320%
76	10.651	1367	1371	1374	rBV4	4446920	7667688	10.72%	0.403%
77	10.698	1374	1379	1384	rVV	13372200	23462546	32.79%	1.234%
78	10.757	1385	1389	1396	rVB3	3966699	6787778	9.49%	0.357%
79	11.022	1430	1434	1439	rVB4	3036886	4971626	6.95%	0.262%
80	11.228	1465	1469	1476	rVB4	7287192	14851949	20.76%	0.781%
81	11.363	1487	1492	1499	rVB6	3670184	6374599	8.91%	0.335%
82	11.439	1501	1505	1512	rVB8	3556192	8441121	11.80%	0.444%
83	11.557	1519	1525	1528	rBV	10965995	18709570	26.15%	0.984%
84	11.810	1565	1568	1573	rVB4	2700753	4044453	5.65%	0.213%
85	12.910	1750	1755	1760	rVB	7496916	11322294	15.83%	0.596%
86	13.857	1909	1916	1920	rVB2	6537395	10767966	15.05%	0.566%
87	14.333	1993	1997	2001	rVV4	2278405	4323860	6.04%	0.227%
88	15.374	2169	2174	2178	rBV	2923853	4105803	5.74%	0.216%
89	15.627	2211	2217	2222	rVB	3654215	6025056	8.42%	0.317%
90	16.104	2291	2298	2303	rBV2	5620793	9715476	13.58%	0.511%
91	16.927	2433	2438	2448	rVB2	2994113	5455006	7.62%	0.287%
92	17.168	2474	2479	2484	rVV	5052240	7679934	10.73%	0.404%
93	18.404	2684	2689	2695	rVV	11333116	16983310	23.74%	0.893%
94	18.592	2717	2721	2729	rVB3	3799585	5425616	7.58%	0.285%
95	18.751	2741	2748	2755	rVB	35260884	53731731	75.10%	2.826%
96	18.874	2763	2769	2775	rBV	5136157	8661026	12.11%	0.456%
97	19.186	2818	2822	2826	rBV	4898323	6437878	9.00%	0.339%
98	19.245	2826	2832	2837	rVB	25422464	35326155	49.38%	1.858%
99	19.551	2881	2884	2892	rVB	3841594	5666820	7.92%	0.298%
100	19.962	2950	2954	2961	rVB	4197639	5366613	7.50%	0.282%

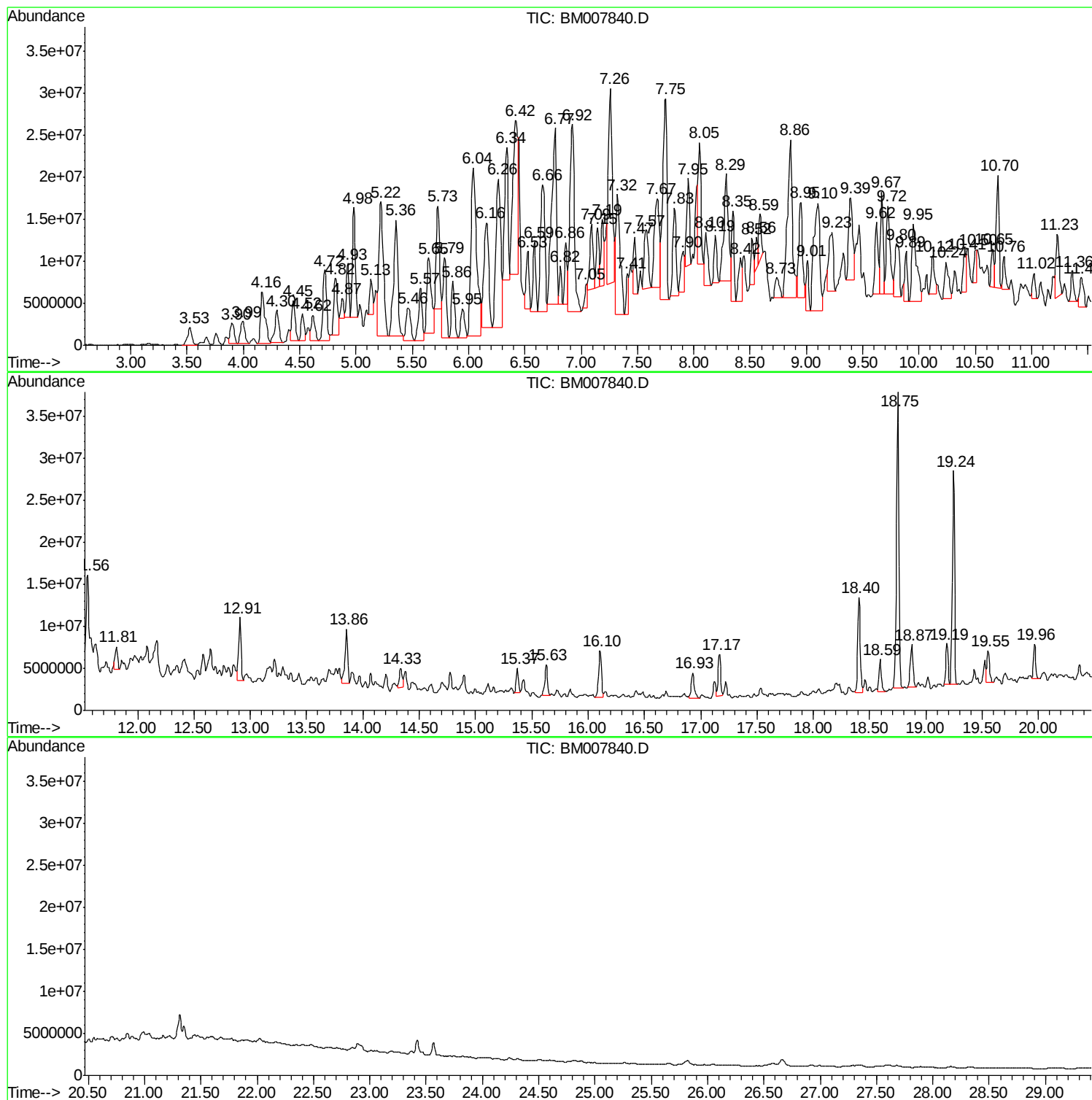
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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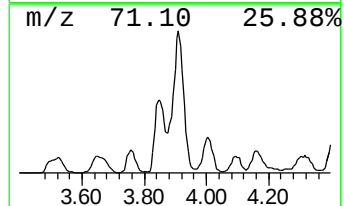
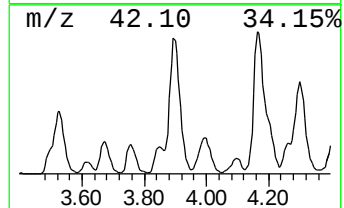
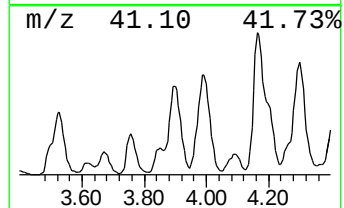
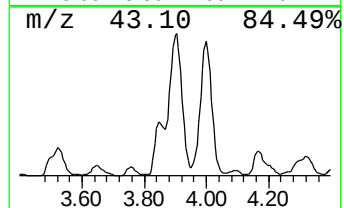
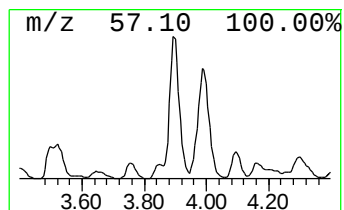
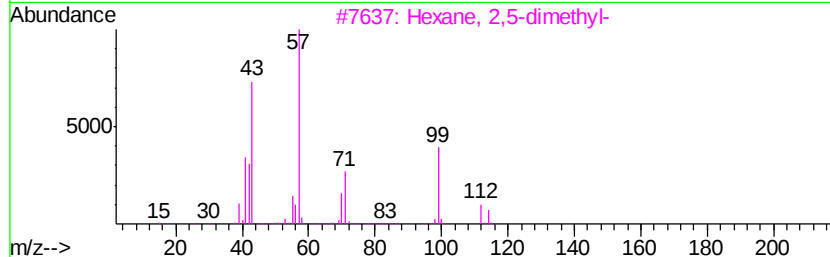
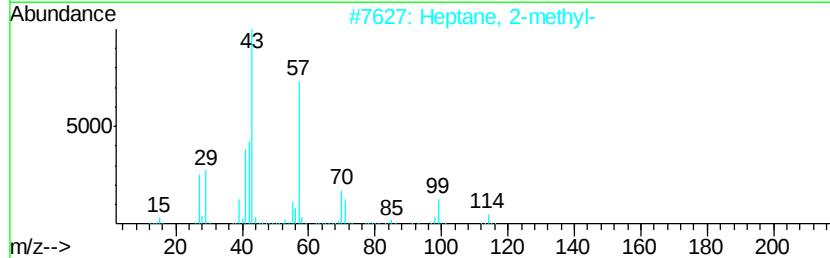
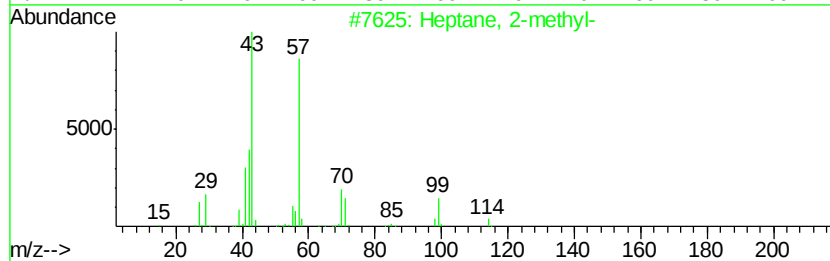
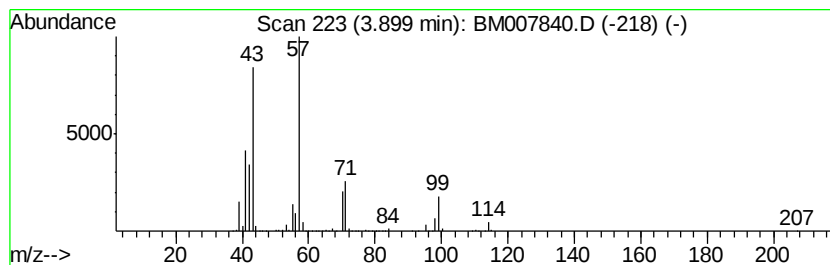
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	2.03 ng/ul	5980530	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	80
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	68
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	59



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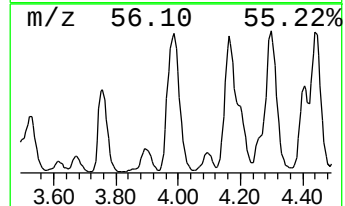
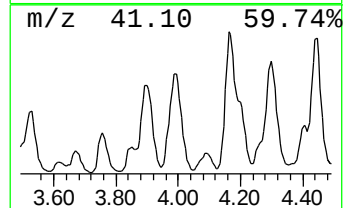
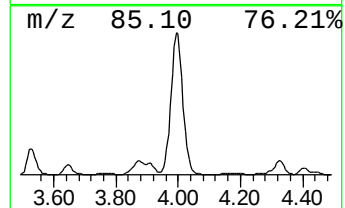
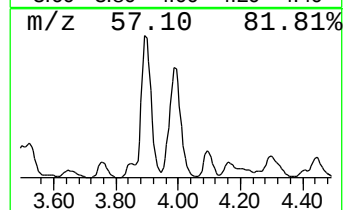
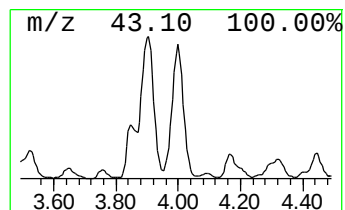
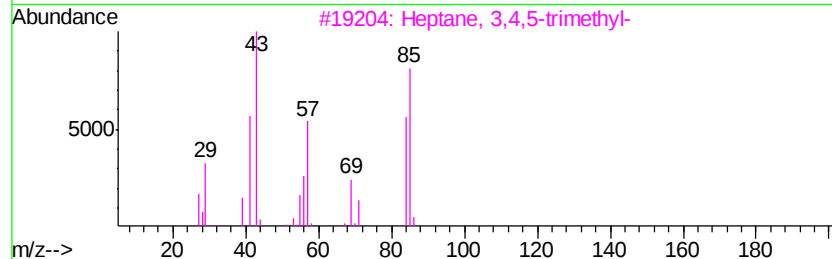
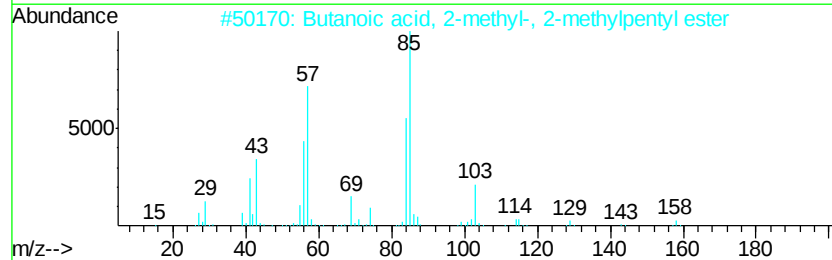
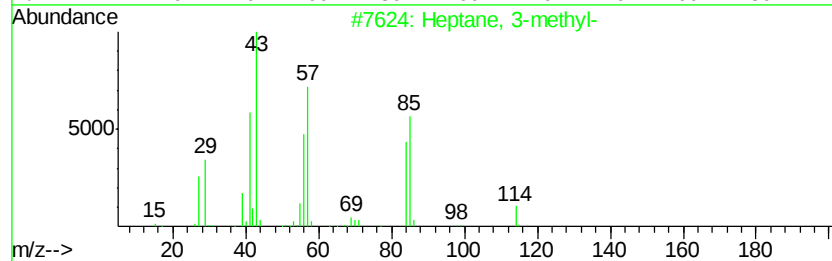
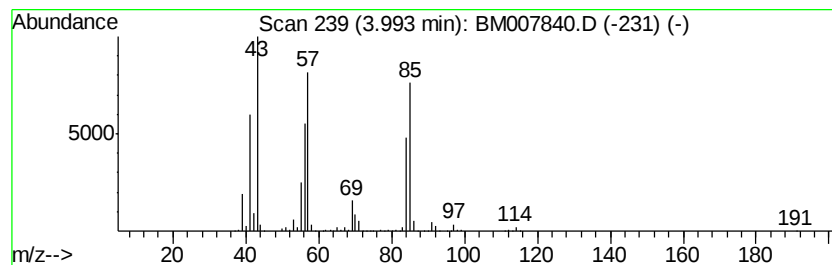
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	2.40 ng/ul	7080480	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2		Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
5		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53



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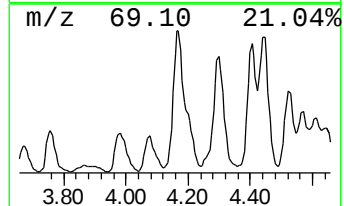
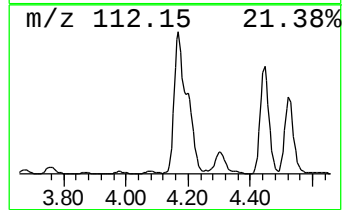
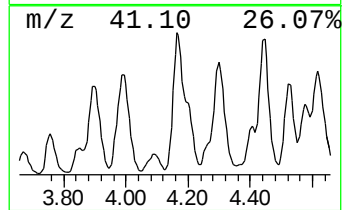
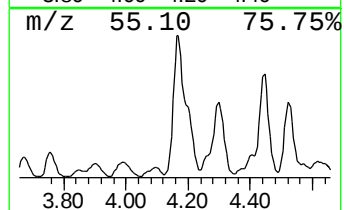
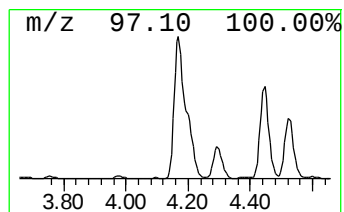
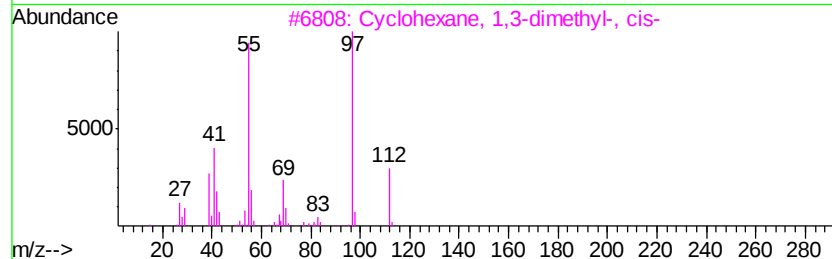
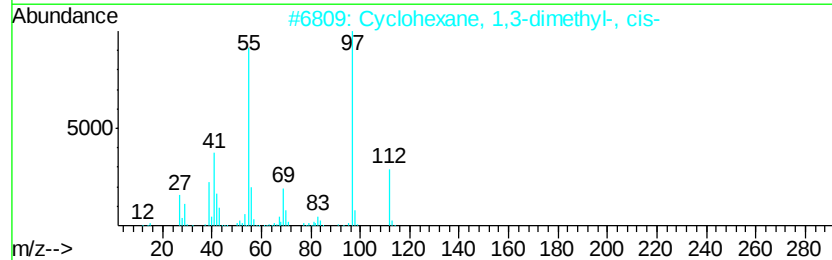
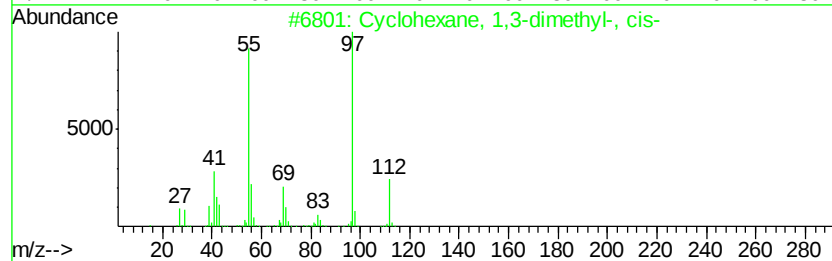
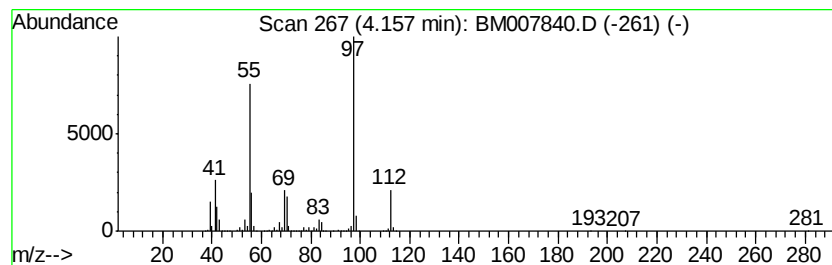
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Peak Number 3 (DEL) Alkane: Cyclic4.16 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	5.90 ng/ul	17391000	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
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Instrument :
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ClientSampleId :
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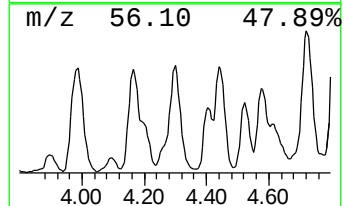
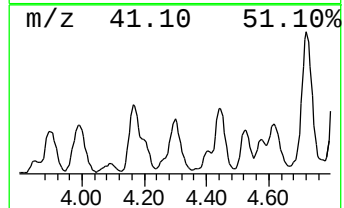
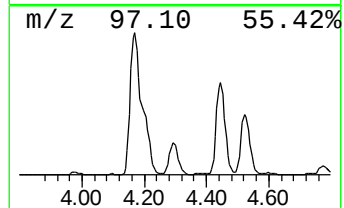
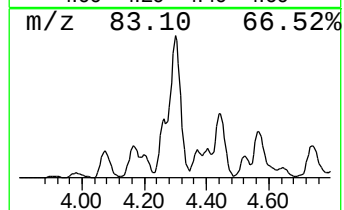
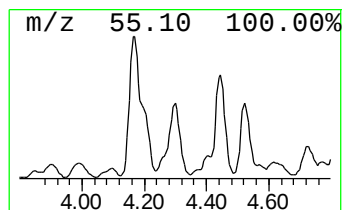
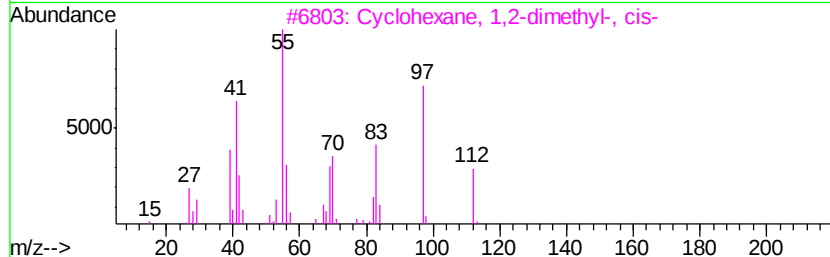
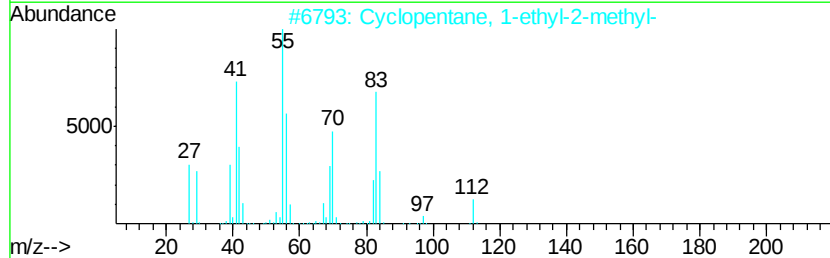
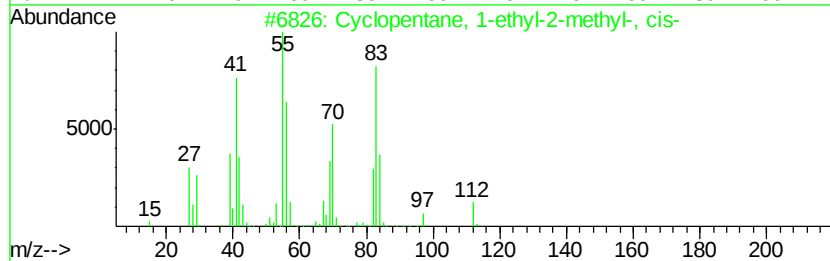
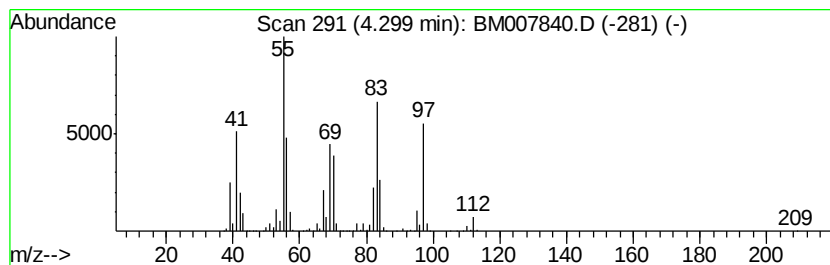
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic4.30 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	3.38 ng/ul	9970780	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	93
2		Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	76
3		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	72
4		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	60
5		1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
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Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
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Instrument :
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ClientSampleId :
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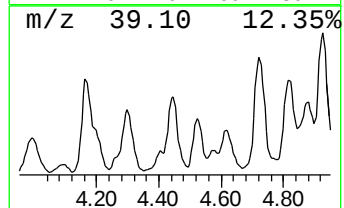
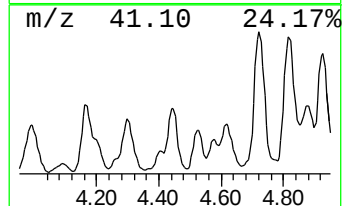
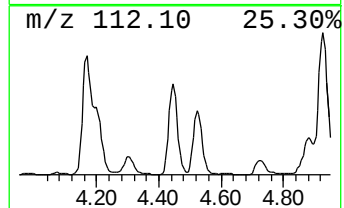
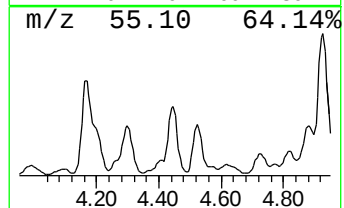
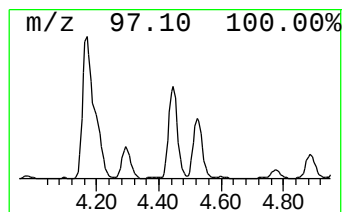
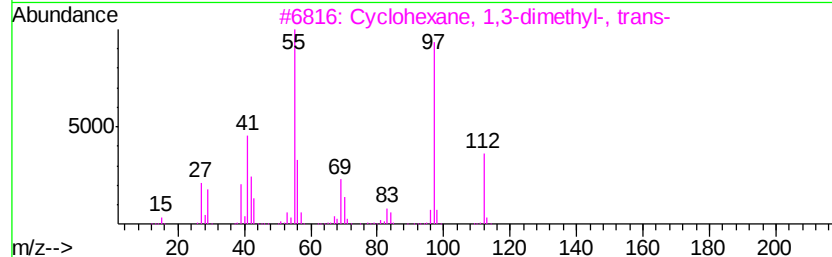
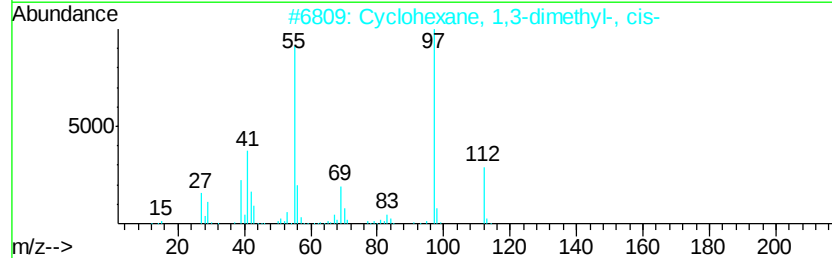
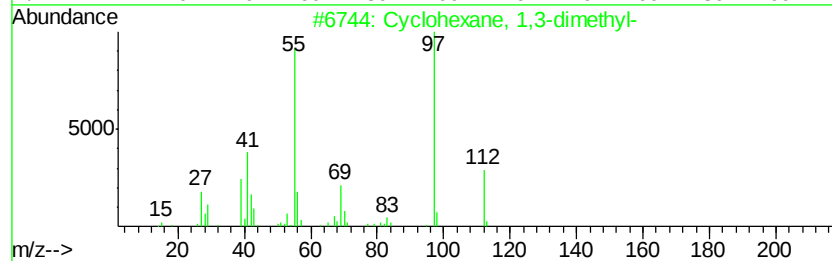
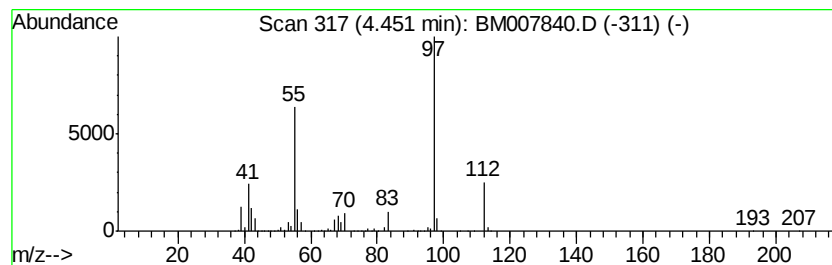
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic4.45 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	3.36 ng/ul	9907700	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	90
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	83
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	78
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
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Instrument :
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ClientSampleId :
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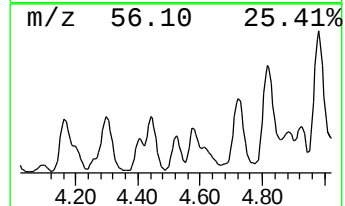
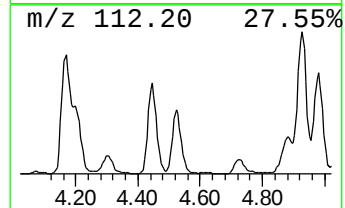
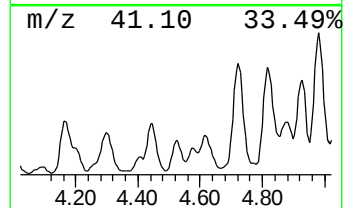
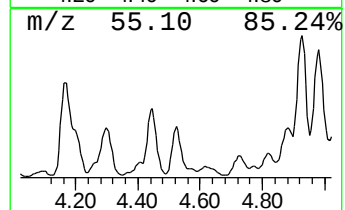
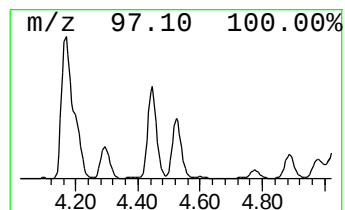
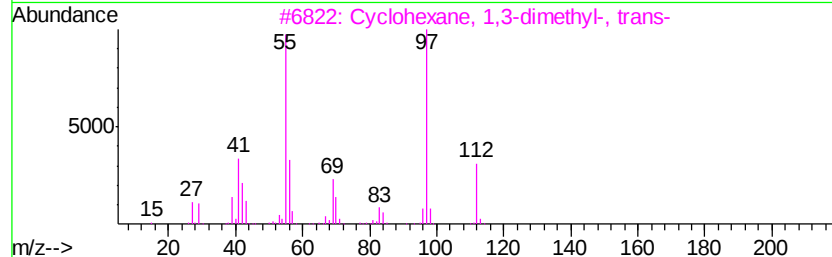
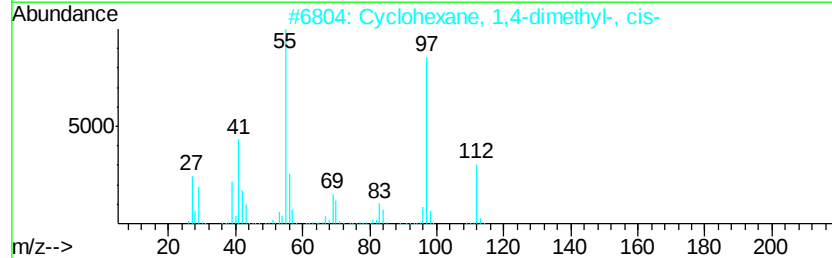
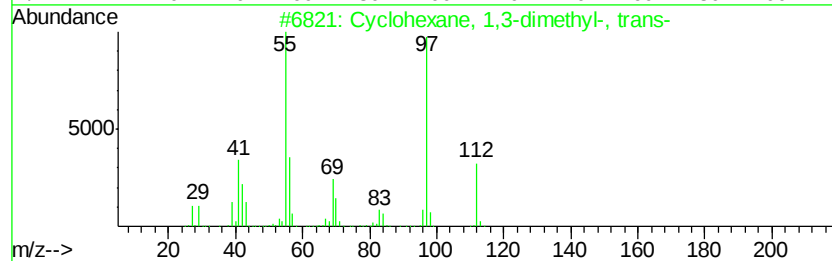
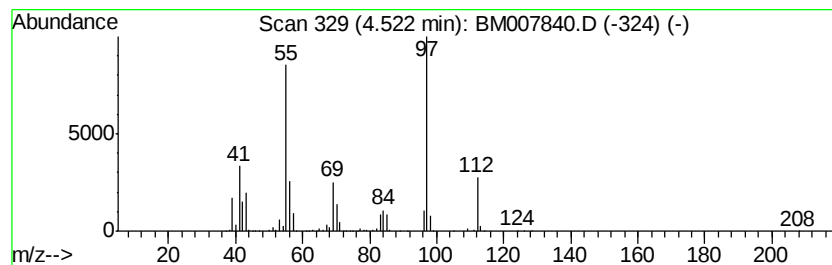
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic4.52 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	2.12 ng/ul	6254970	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	95
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
5			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
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Instrument :
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ClientSampleID :
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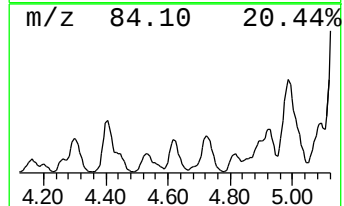
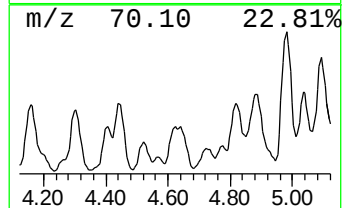
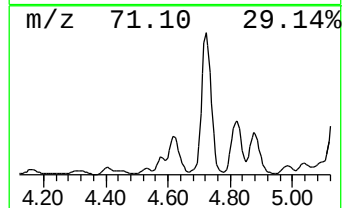
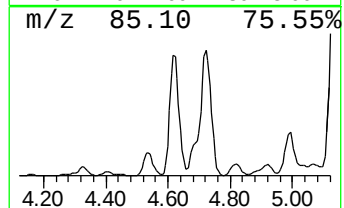
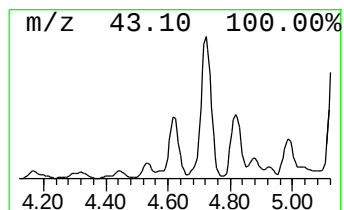
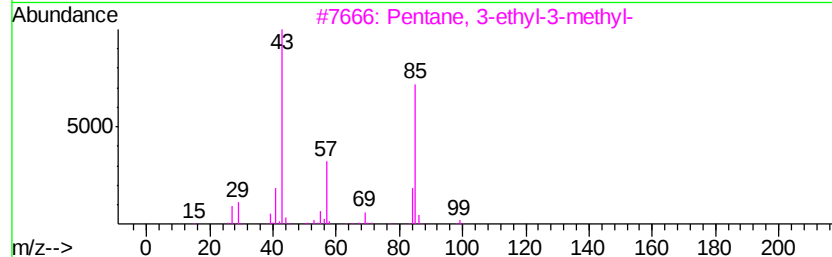
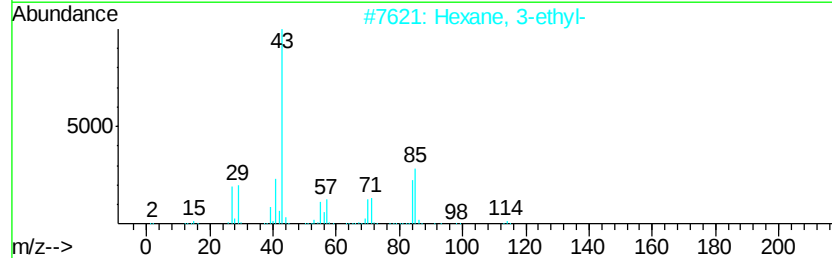
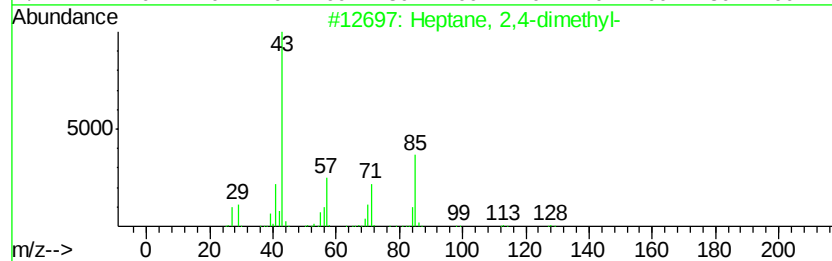
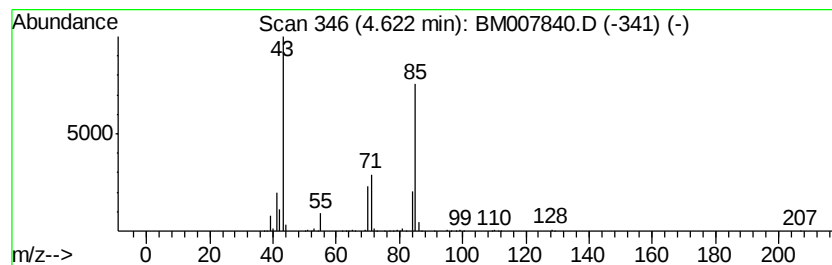
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	2.29 ng/ul	6757860	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
2		Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
3		Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	53
4		Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	53
5		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
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Instrument :
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ClientSampleId :
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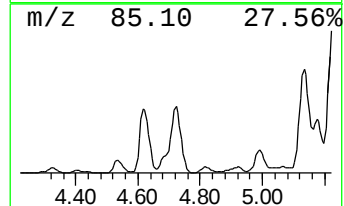
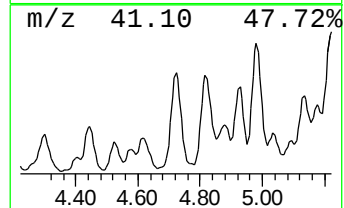
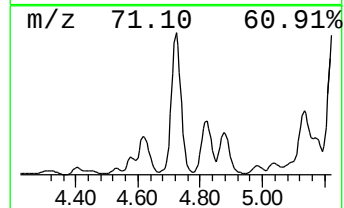
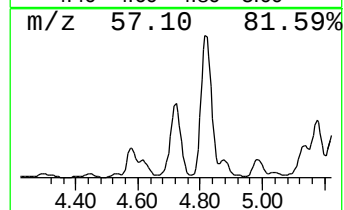
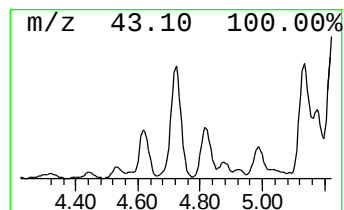
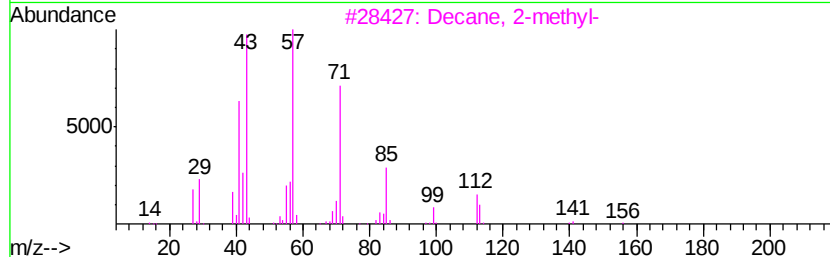
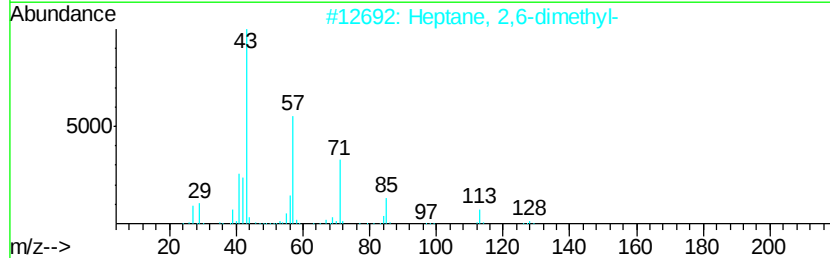
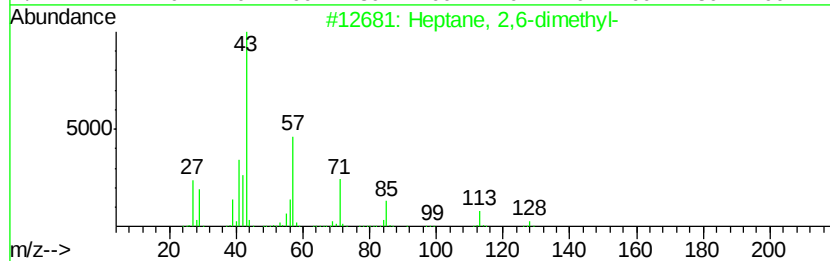
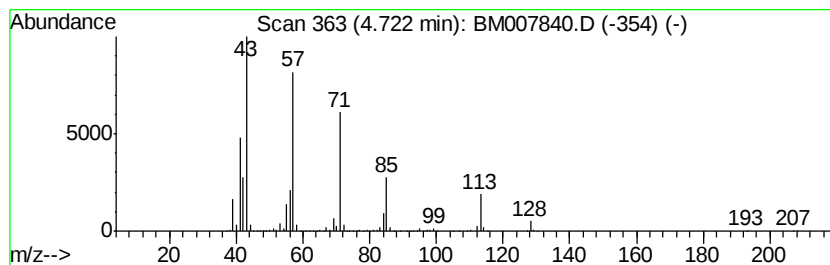
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	6.48 ng/ul	19099300	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3			Decane, 2-methyl-	156	C11H24	006975-98-0	78
4			Nonane	128	C9H20	000111-84-2	58
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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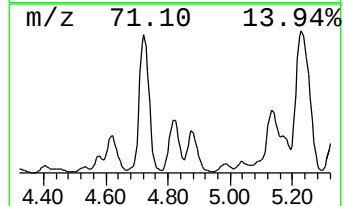
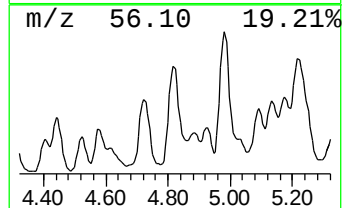
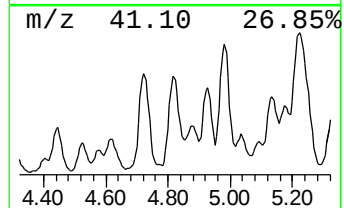
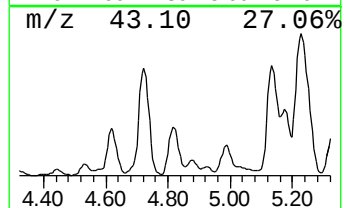
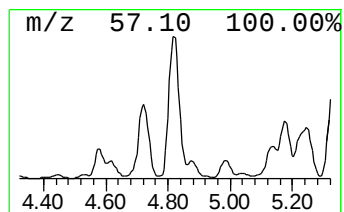
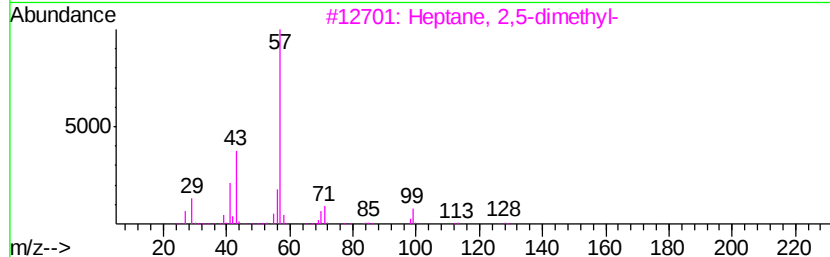
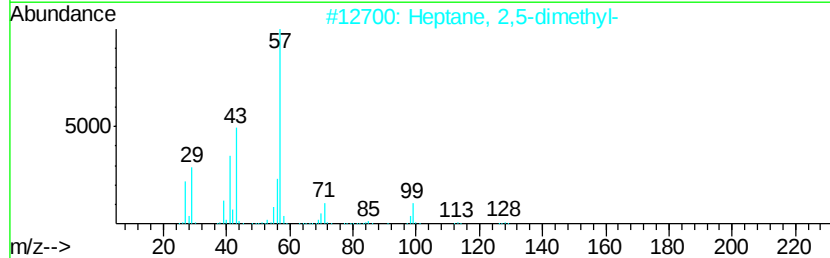
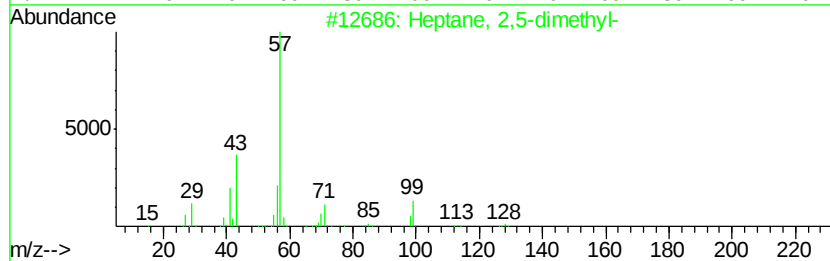
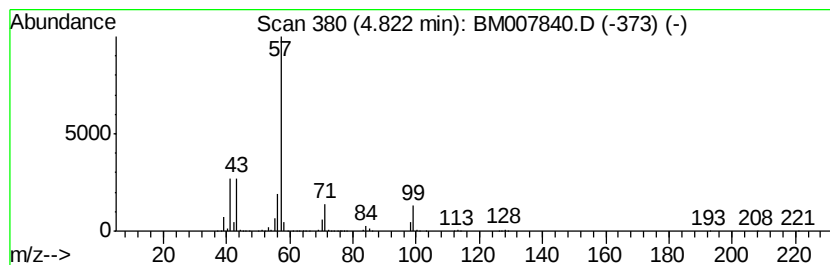
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	5.35 ng/ul	15767400	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
4		Octane, 3-methyl-	128	C9H20	002216-33-3	86
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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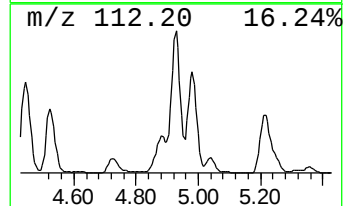
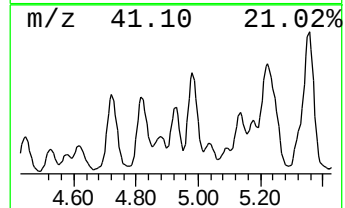
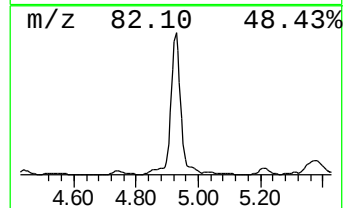
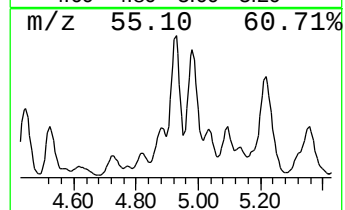
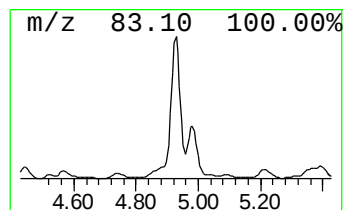
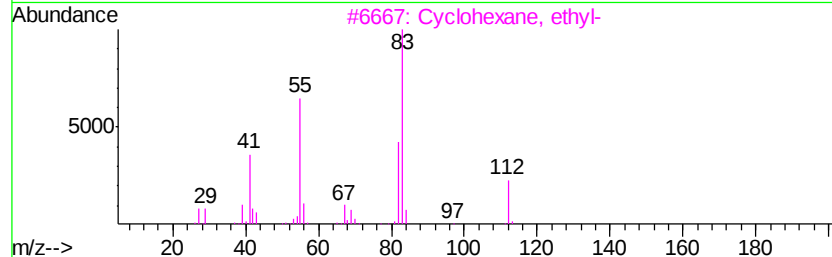
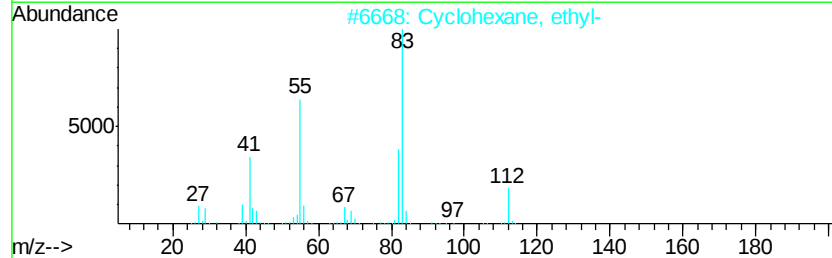
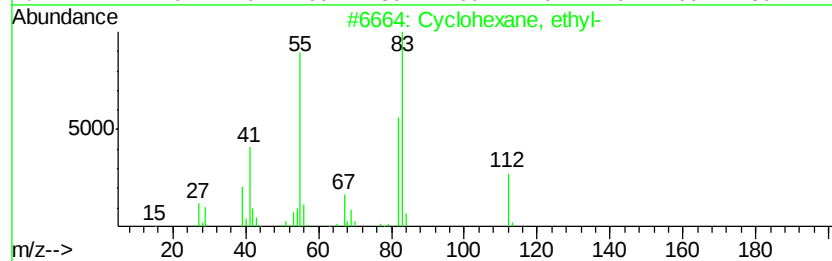
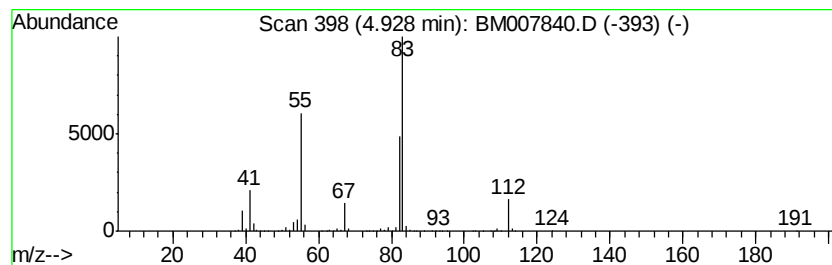
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic4.93 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	3.50 ng/ul	10312700	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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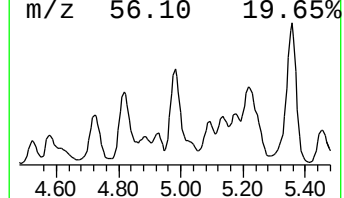
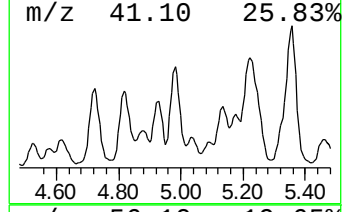
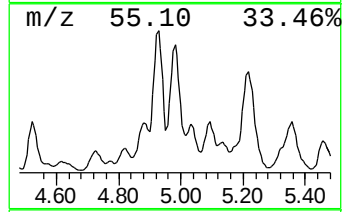
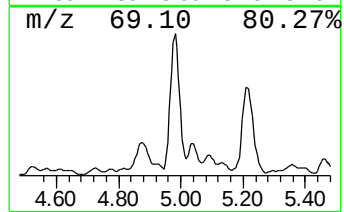
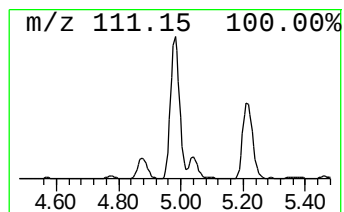
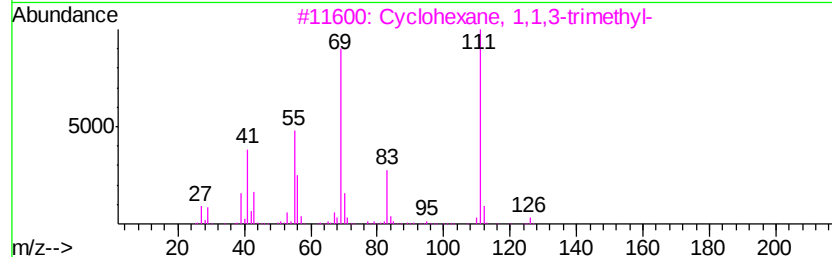
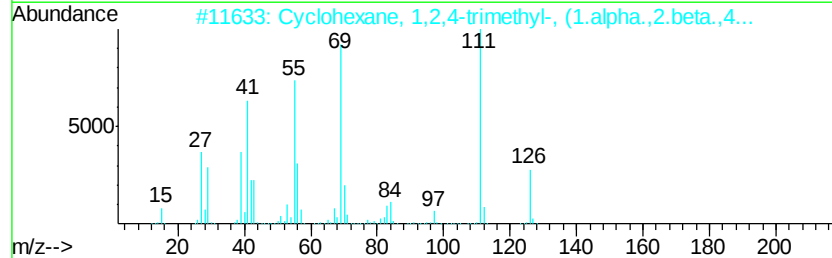
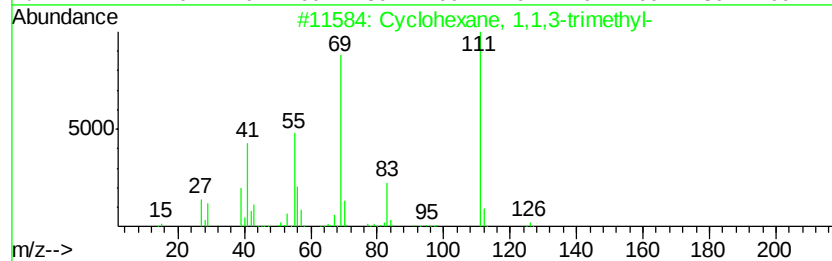
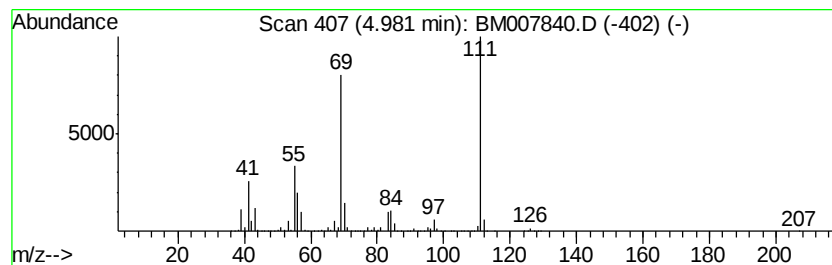
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic4.98 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	8.14 ng/ul	24004200	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	78
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
4		Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
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ClientSampleId :
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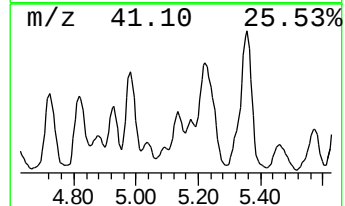
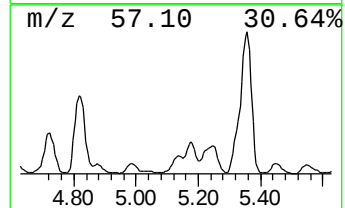
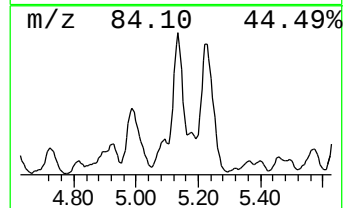
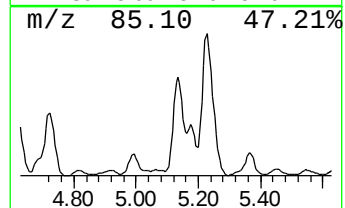
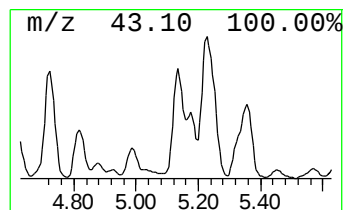
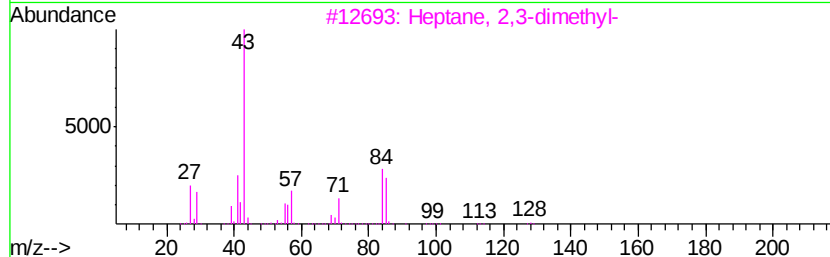
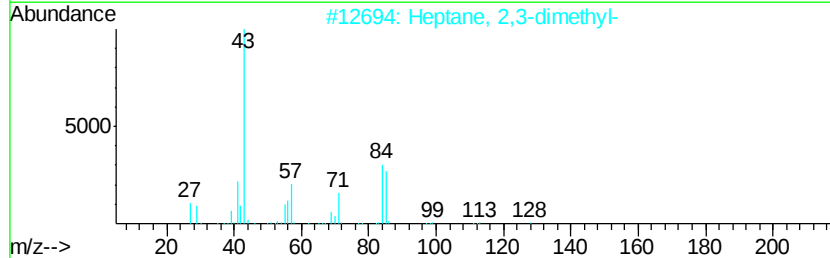
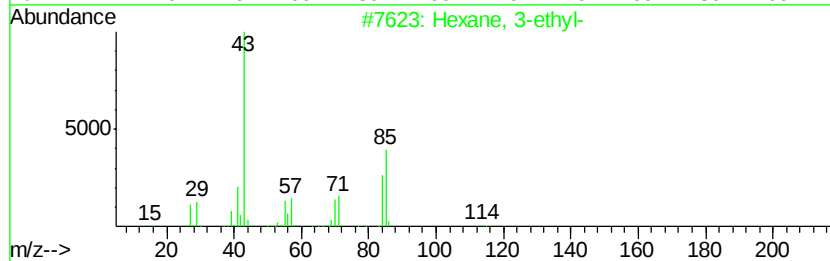
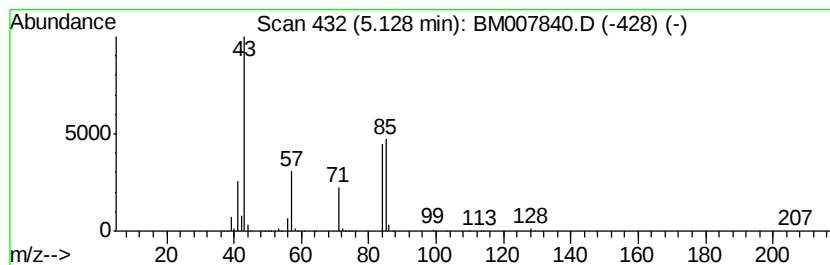
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic5.13 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	2.56 ng/ul	7554850	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	83
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	78
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
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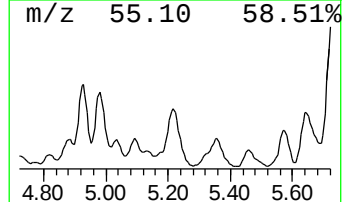
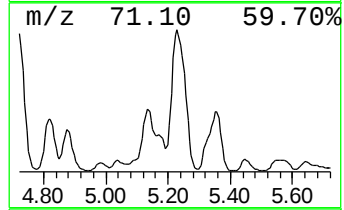
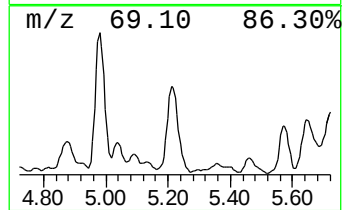
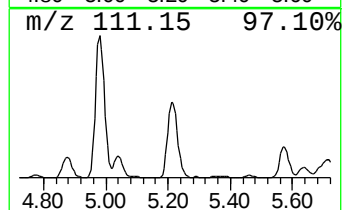
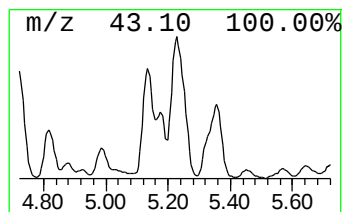
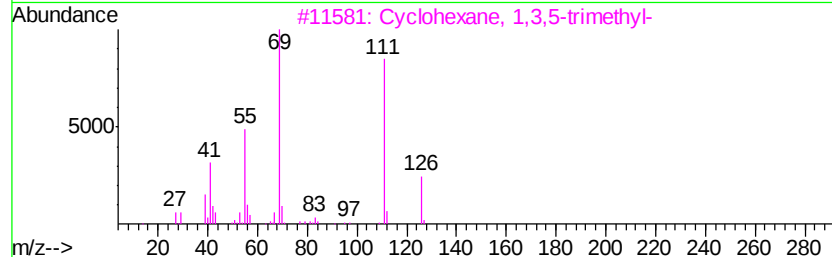
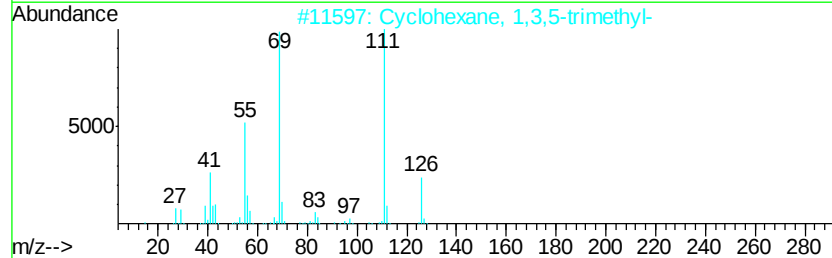
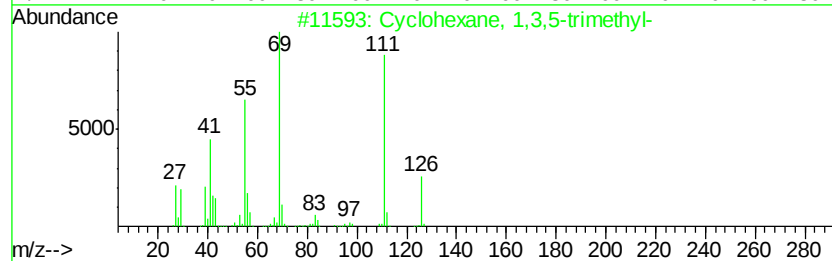
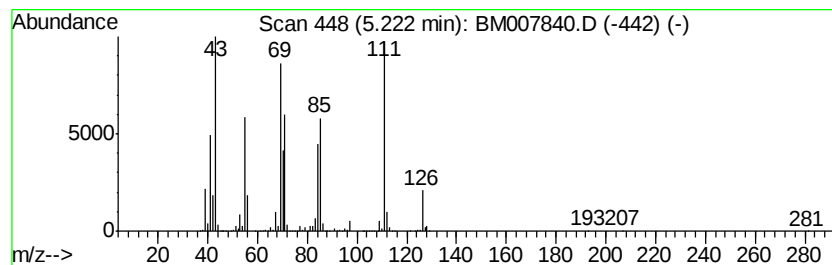
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic5.22 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	15.49 ng/ul	45658600	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	55
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	49
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	46
4		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	46
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
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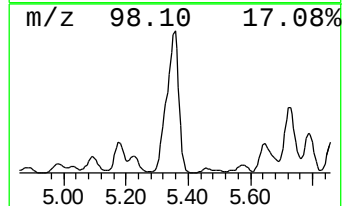
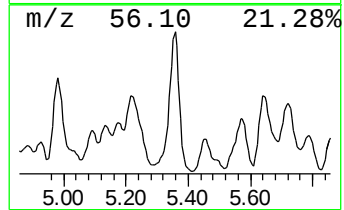
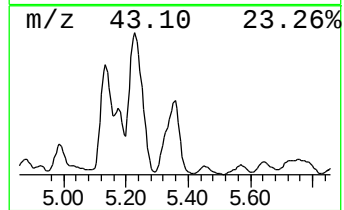
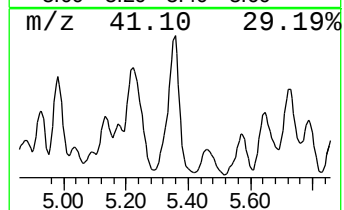
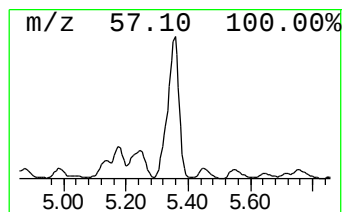
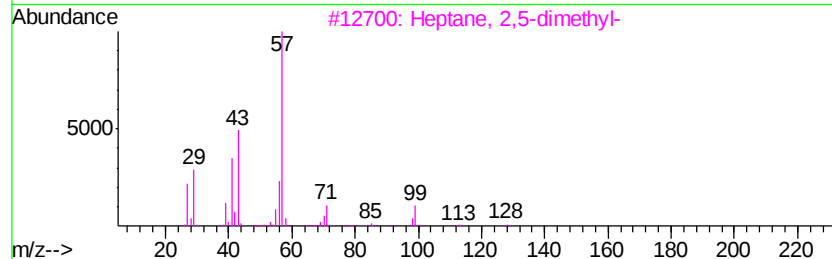
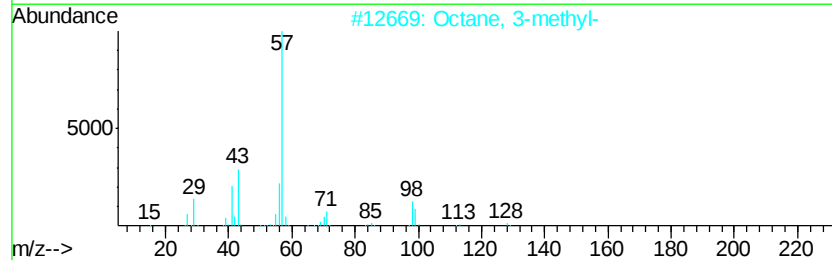
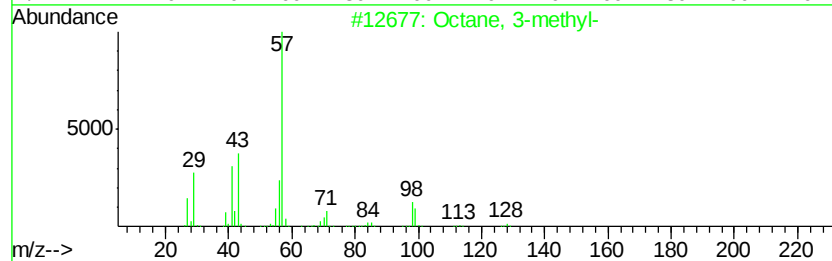
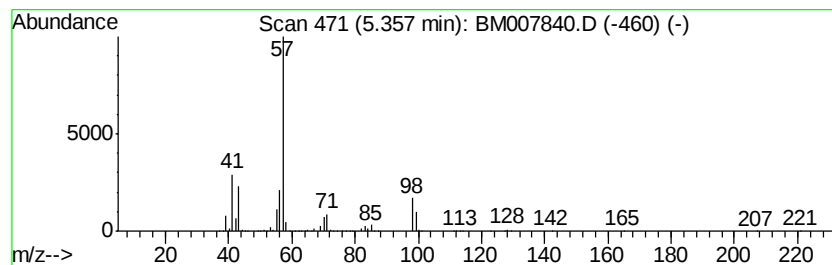
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	12.11 ng/ul	35699400	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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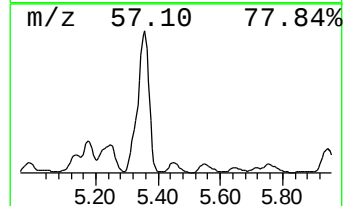
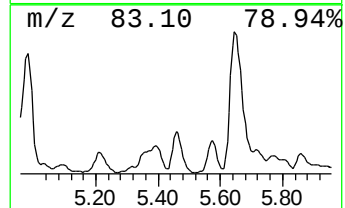
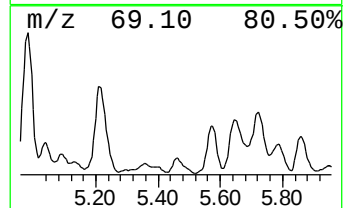
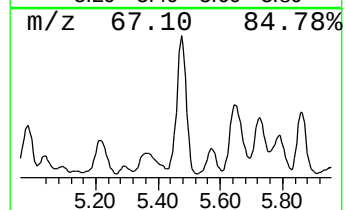
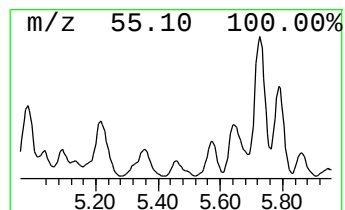
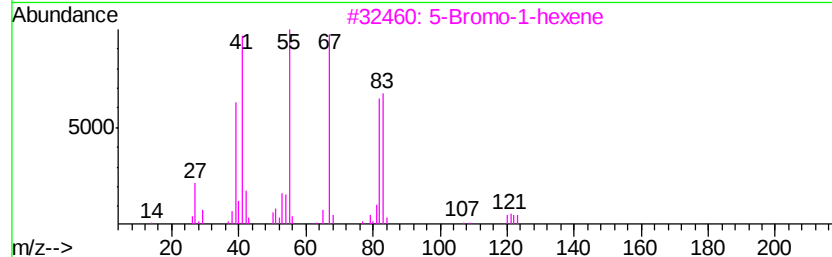
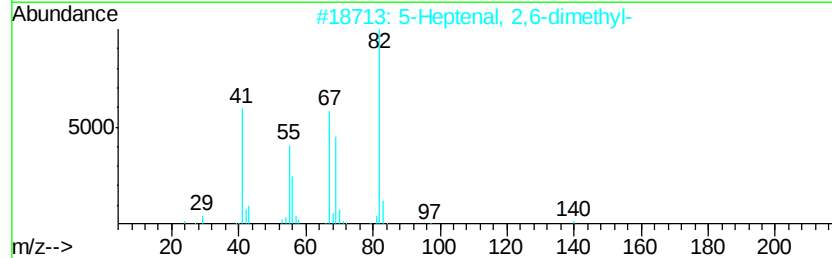
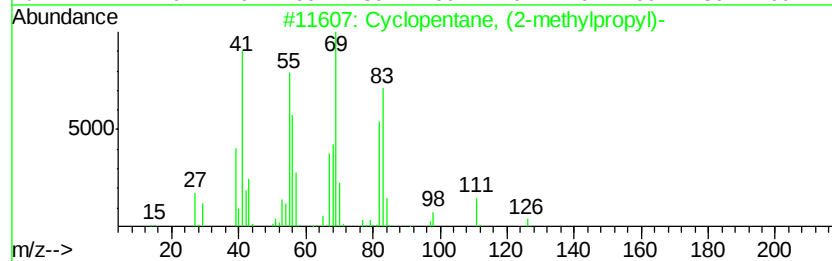
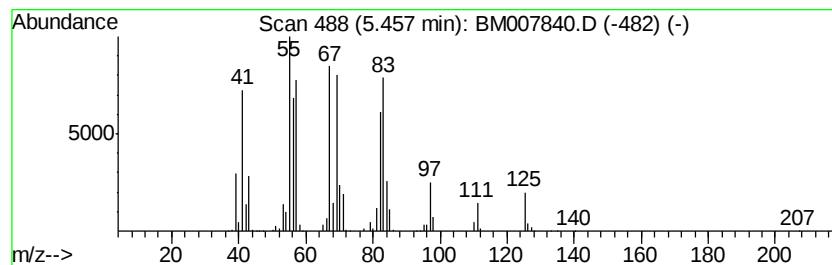
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic5.46 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	3.95 ng/ul	11635000	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	64
2		5-Heptenal, 2,6-dimethyl-	140	C9H16O	000106-72-9	49
3		5-Bromo-1-hexene	162	C6H11Br	004558-27-4	47
4		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
5		Pentalene, octahydro-	110	C8H14	000694-72-4	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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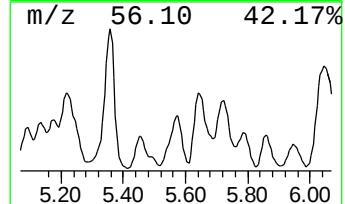
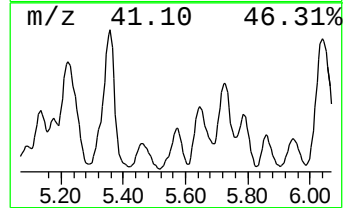
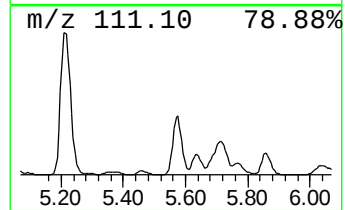
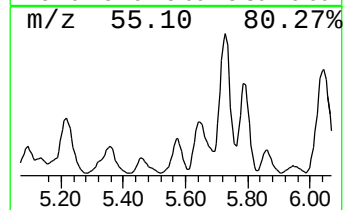
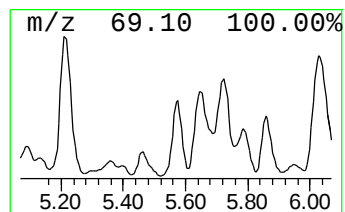
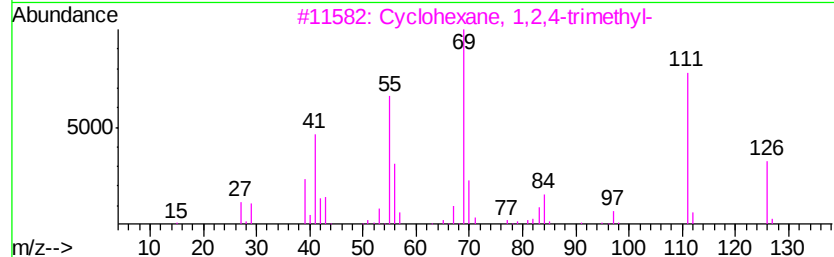
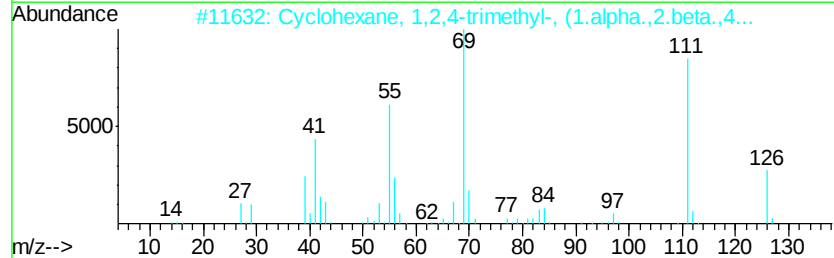
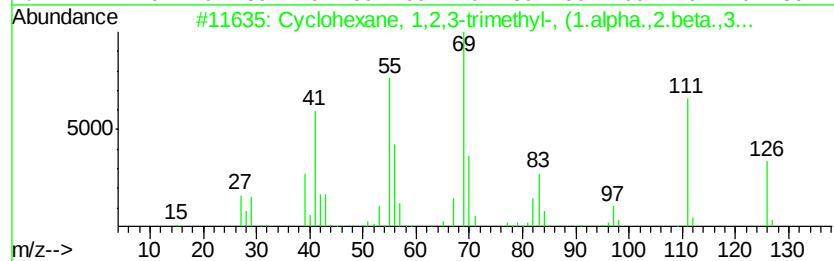
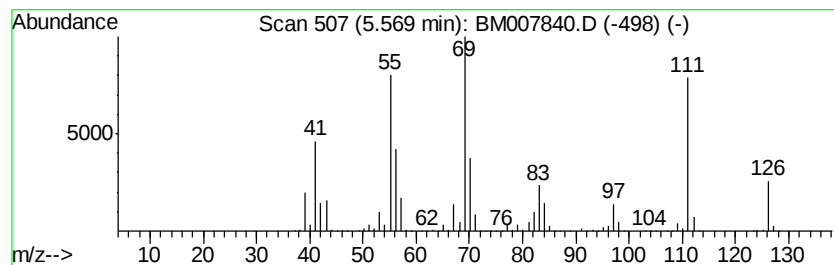
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic5.57 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	5.11 ng/ul	15057400	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	93
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
4			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	64
5			3-Nonene	126	C9H18	020063-77-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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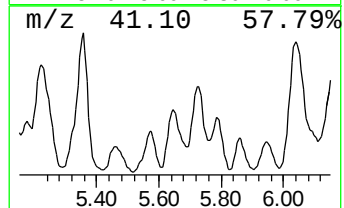
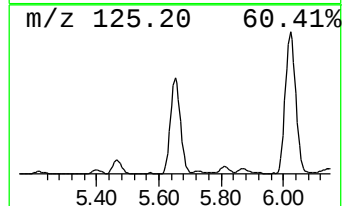
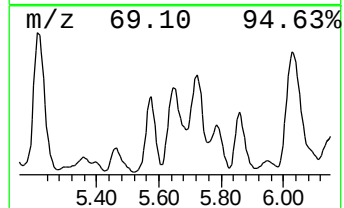
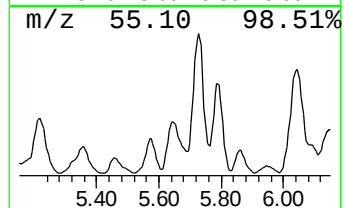
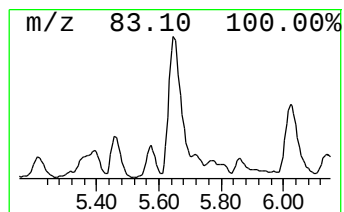
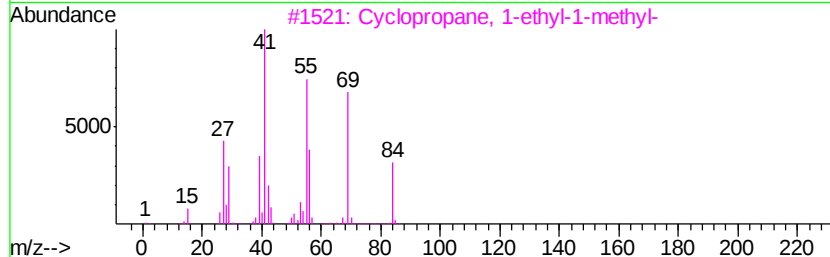
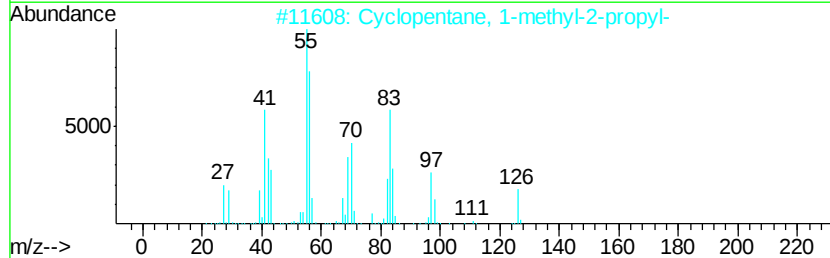
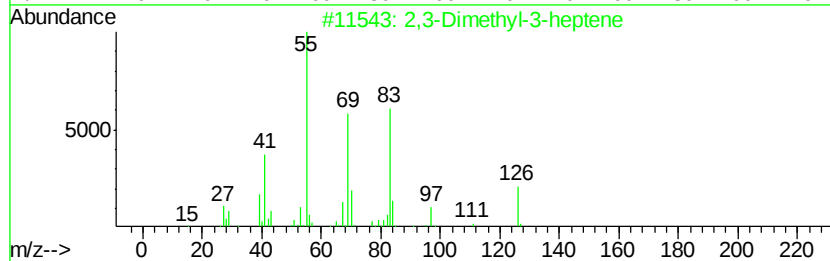
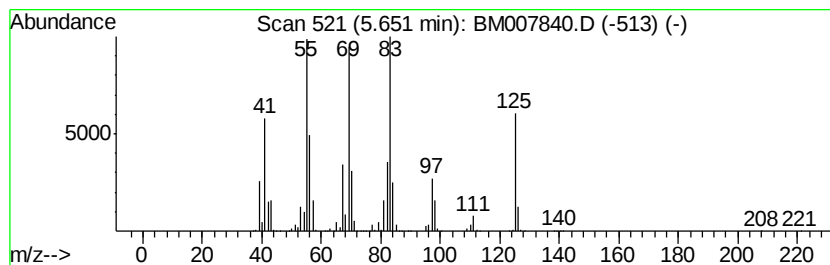
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic5.65 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	8.62 ng/ul	25424800	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene			126	C9H18	1000113-49-3	52
2	Cyclopentane, 1-methyl-2-propyl-			126	C9H18	003728-57-2	46
3	Cyclopropane, 1-ethyl-1-methyl-			84	C6H12	053778-43-1	38
4	2,2-Dimethyl-3-heptene trans			126	C9H18	019550-75-5	38
5	1-Pentene, 3-methyl-			84	C6H12	000760-20-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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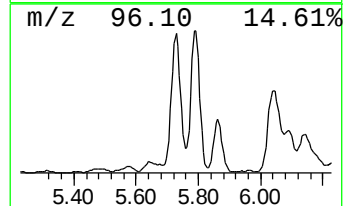
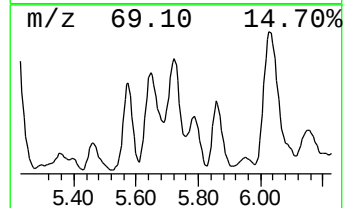
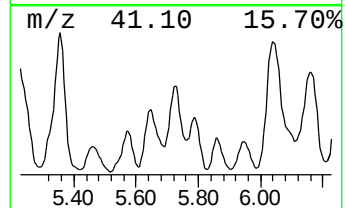
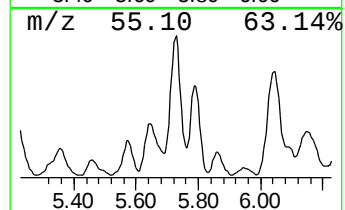
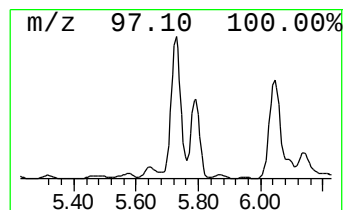
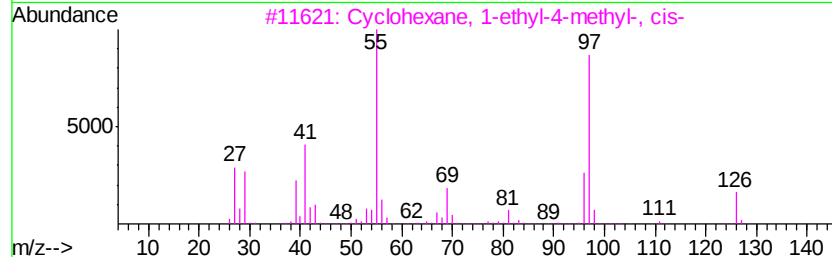
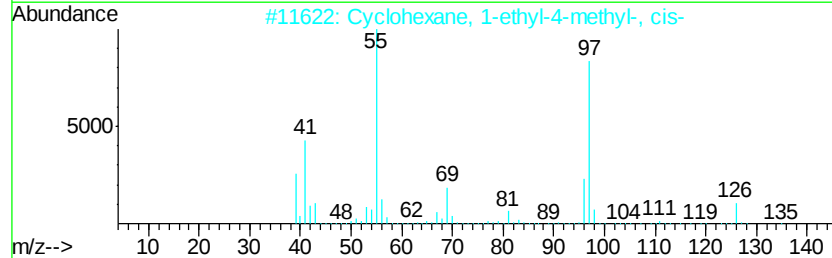
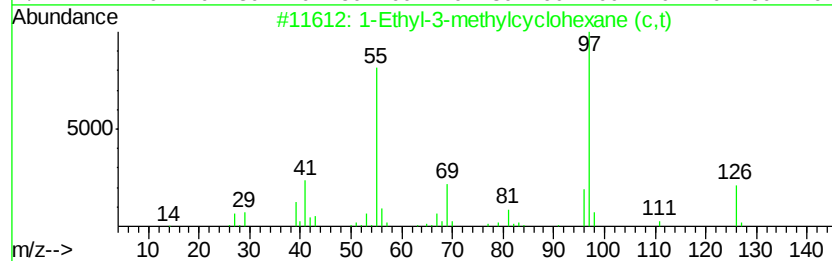
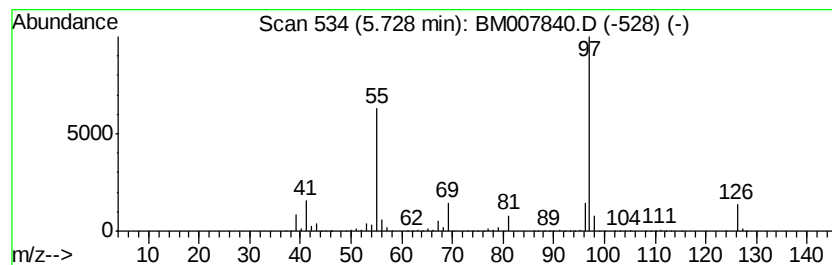
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic5.73 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	8.51 ng/ul	25085700	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
4			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	78
5			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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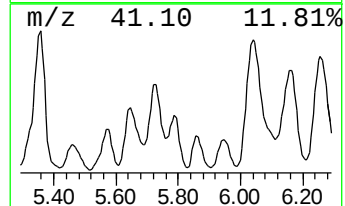
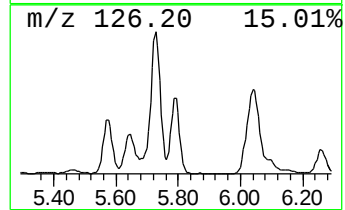
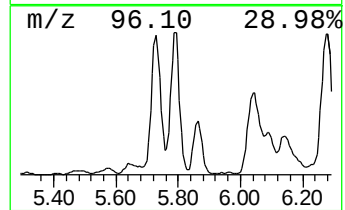
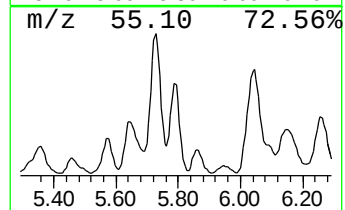
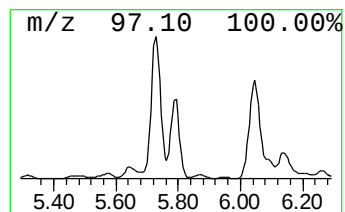
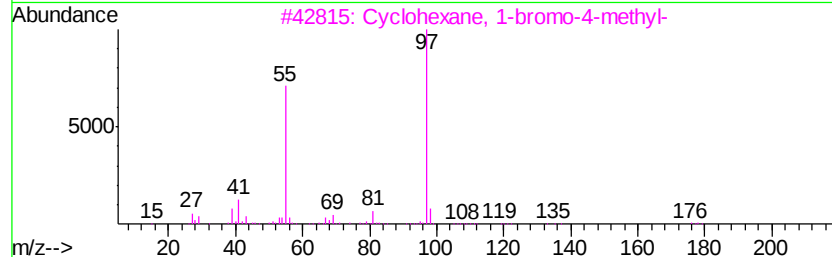
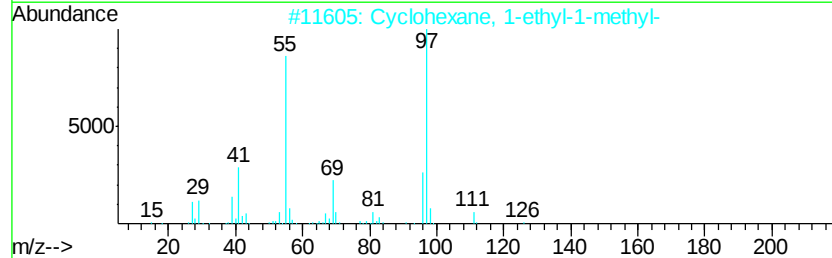
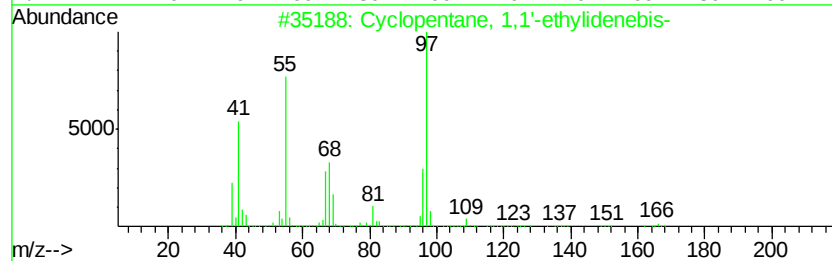
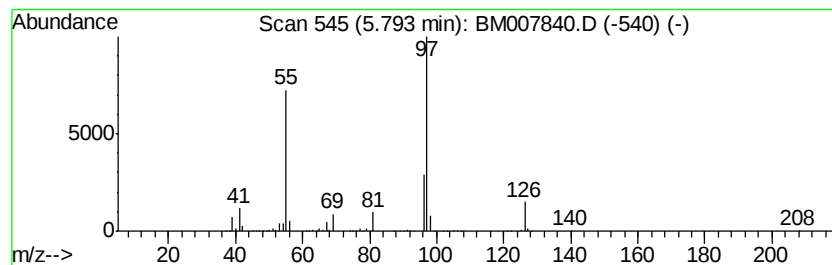
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Cyclopentane, 1,1'-ethylide... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	6.68 ng/ul	19704400	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	72
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
3			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64
4			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64
5			Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
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Instrument :
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ClientSampleId :
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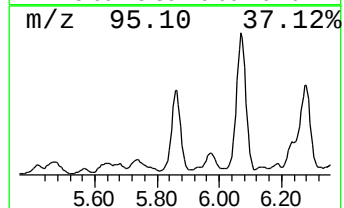
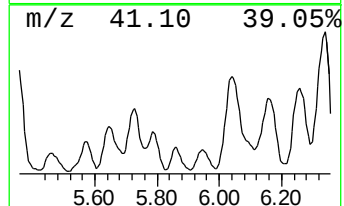
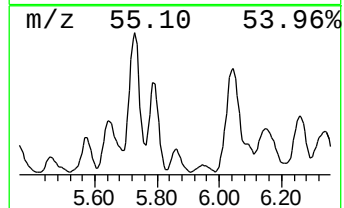
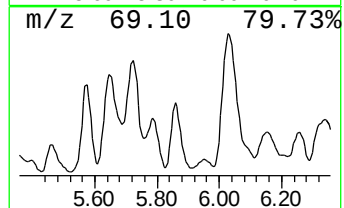
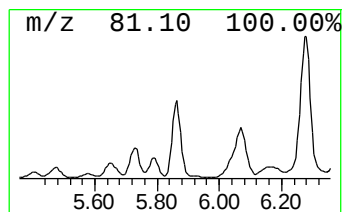
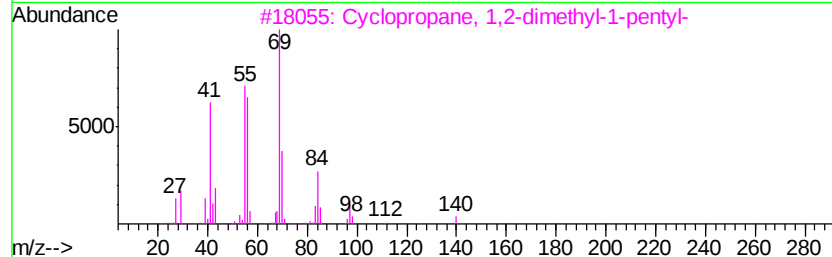
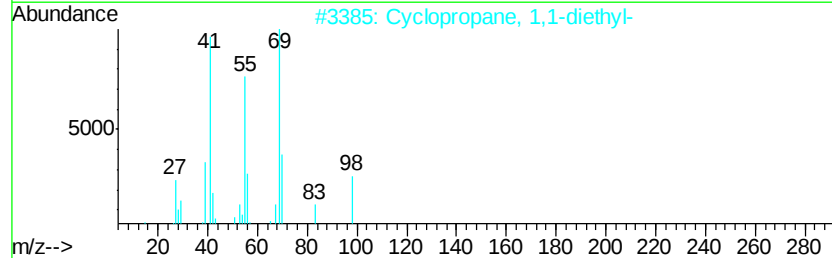
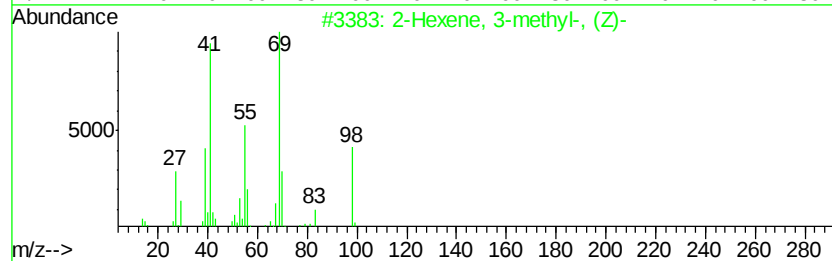
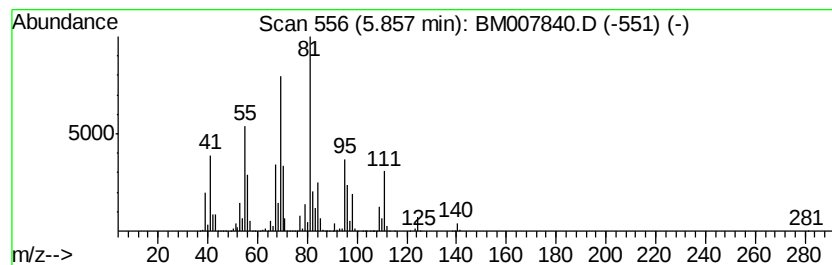
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Cyclic5.86 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	4.55 ng/ul	13417200	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38
2			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
3			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	27
4			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	25
5			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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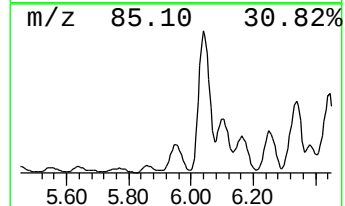
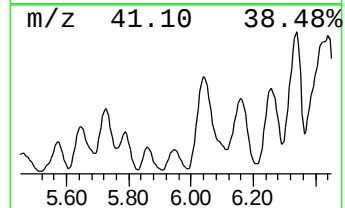
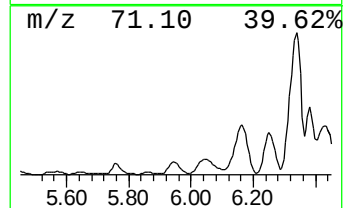
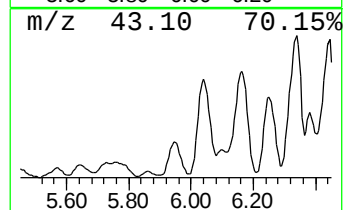
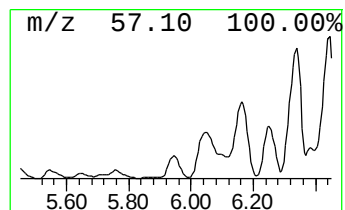
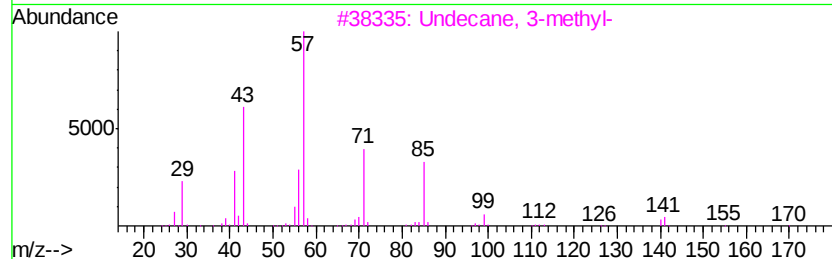
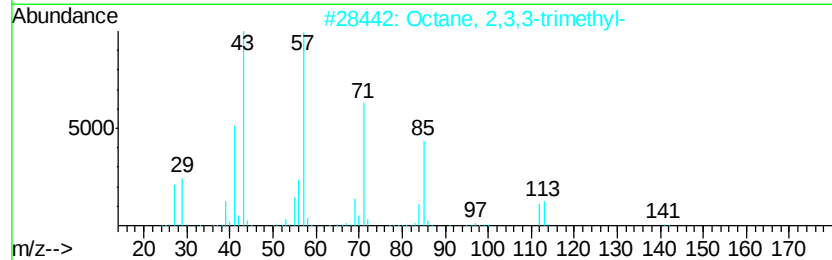
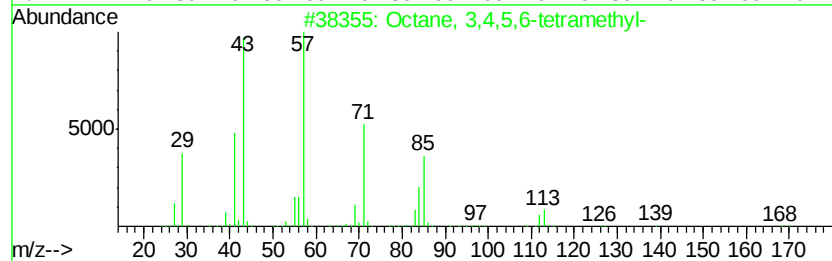
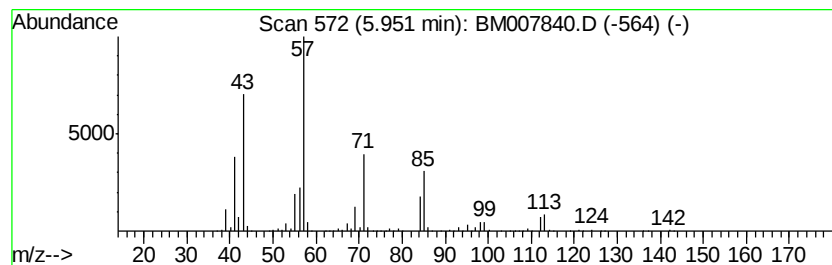
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	2.93 ng/ul	8631300	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	80
2		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	58
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

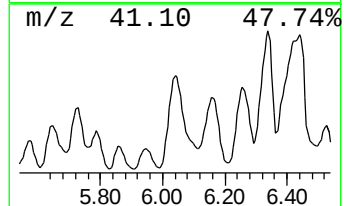
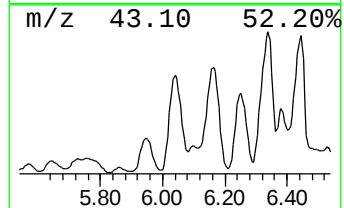
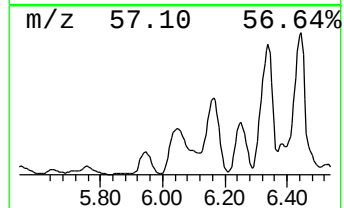
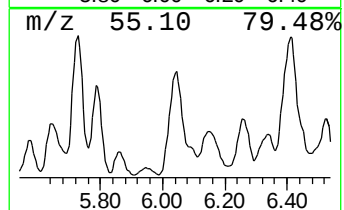
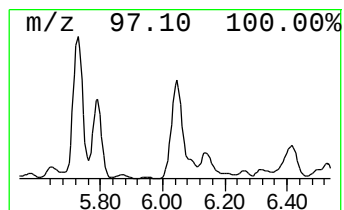
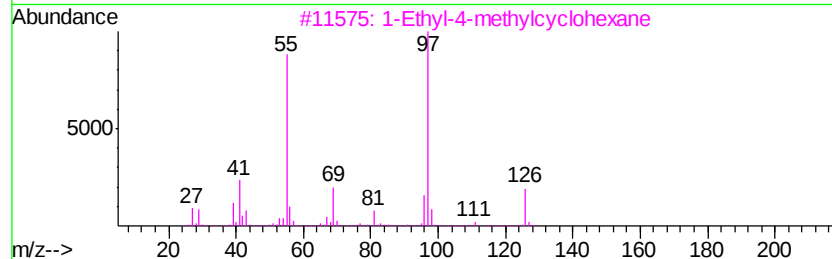
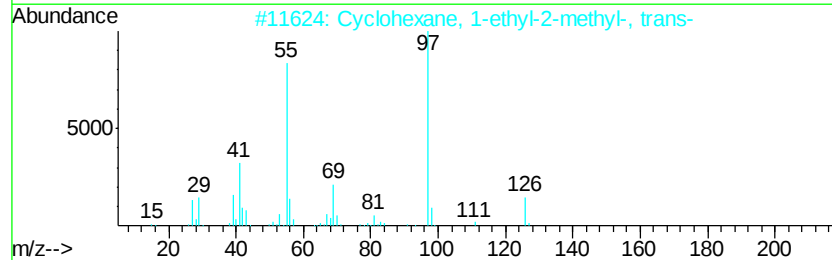
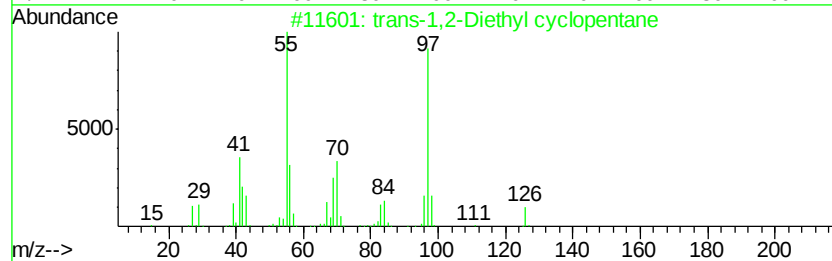
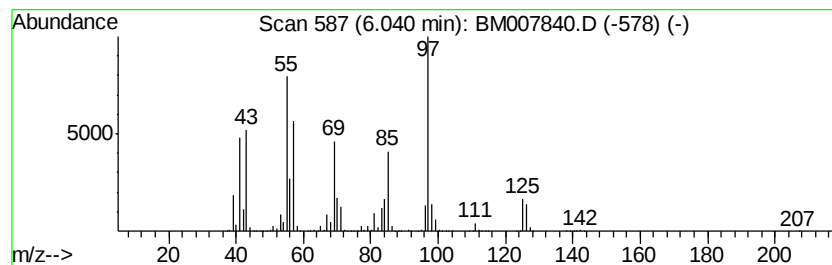
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Cyclic6.04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	24.27 ng/ul	71546300	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	68
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	49
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	49
4		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	49
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
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Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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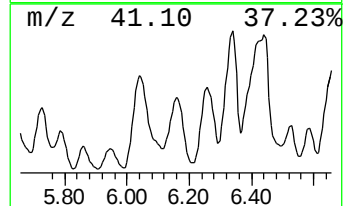
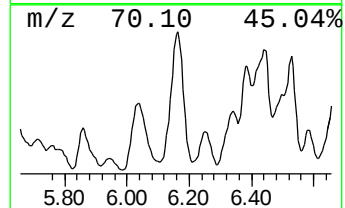
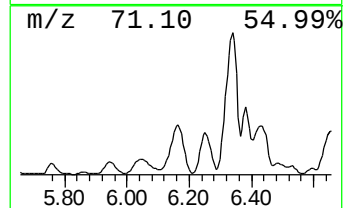
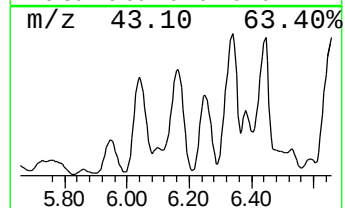
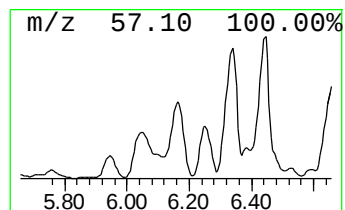
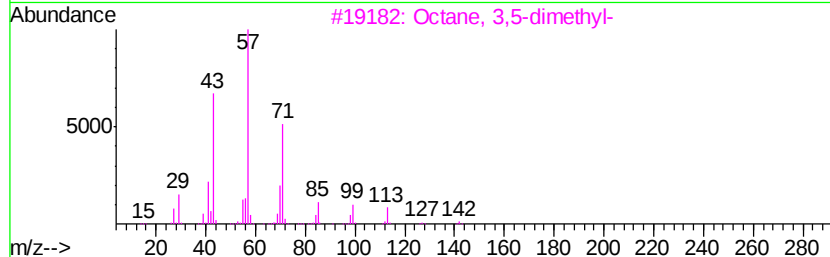
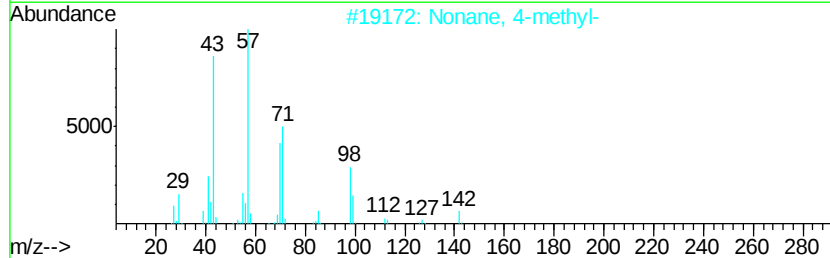
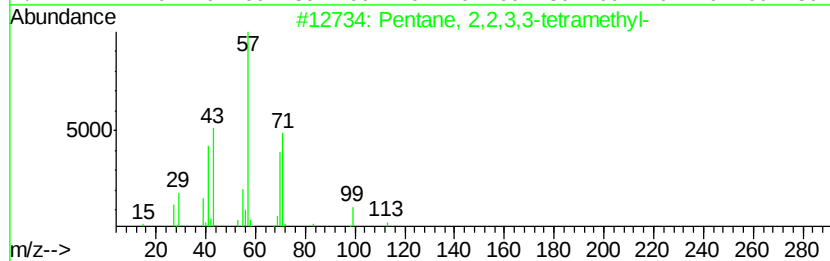
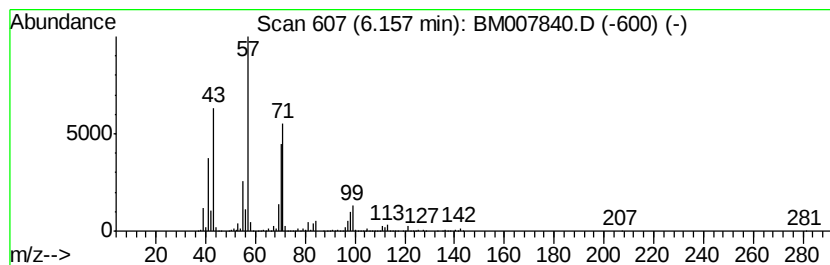
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	12.51 ng/ul	36871600	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampled :
BD4M5

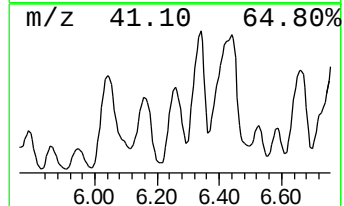
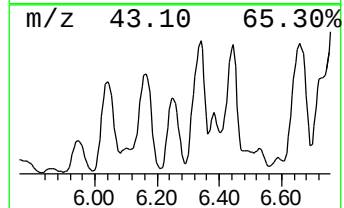
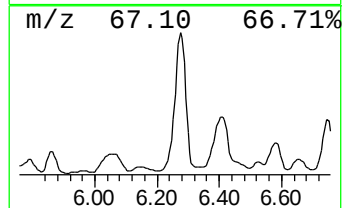
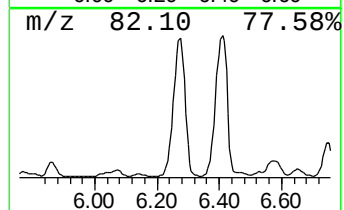
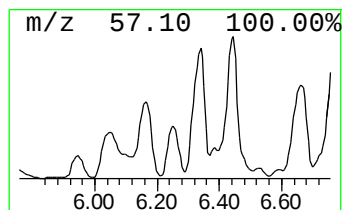
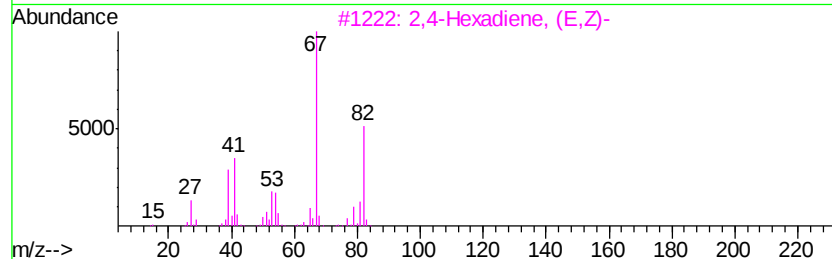
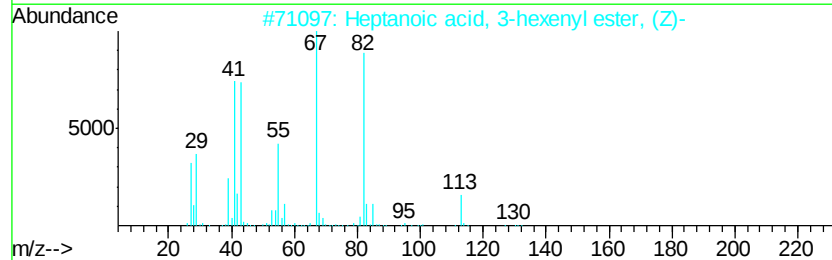
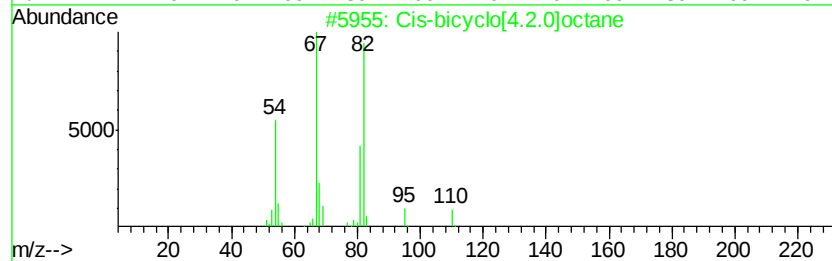
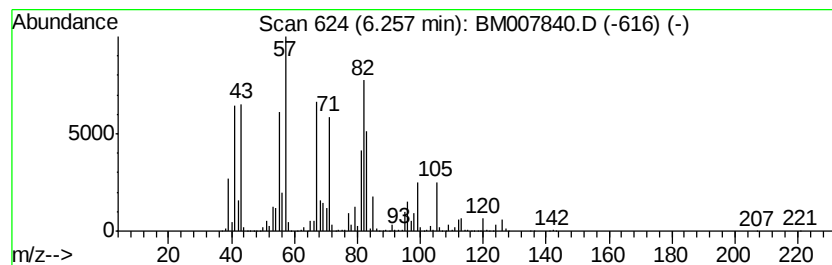
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	17.94 ng/ul	52878200	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	43
2		Heptanoic acid, 3-hexenyl ester, ...	212	C13H24O2	061444-39-1	43
3		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	38
4		3-Hexen-1-ol, acetate, (E)-	142	C8H14O2	003681-82-1	38
5		2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	38



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ClientSampleId :
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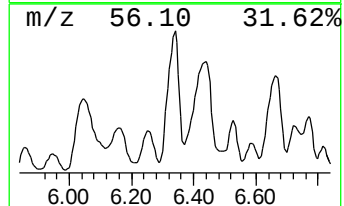
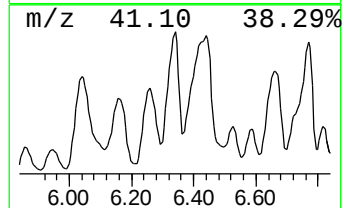
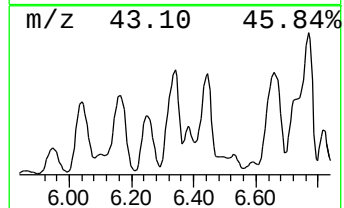
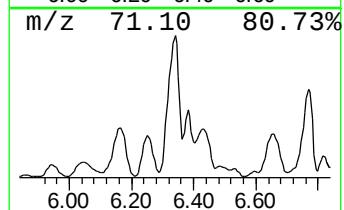
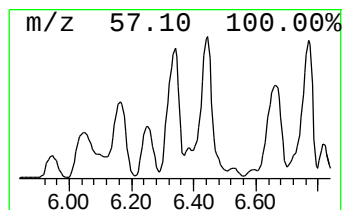
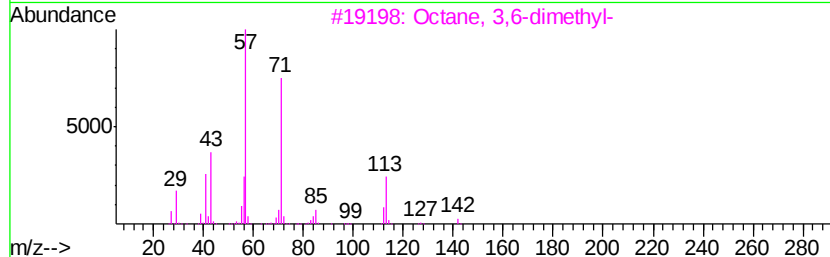
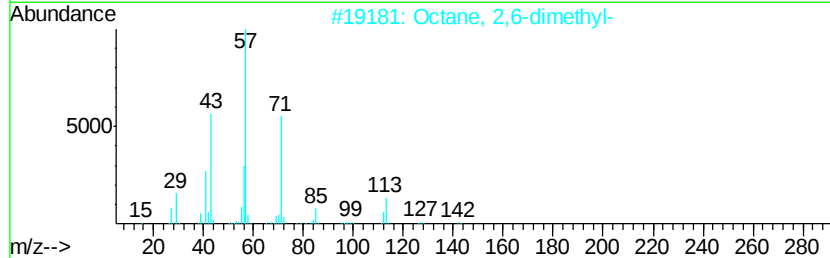
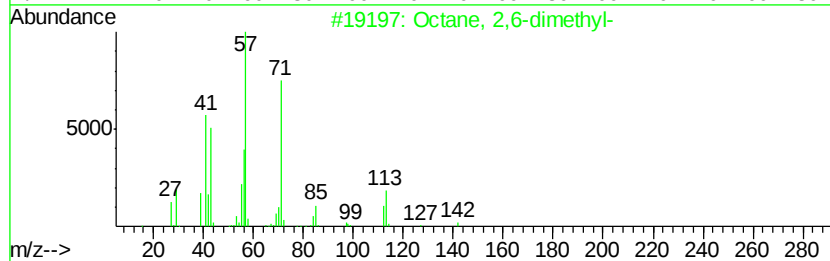
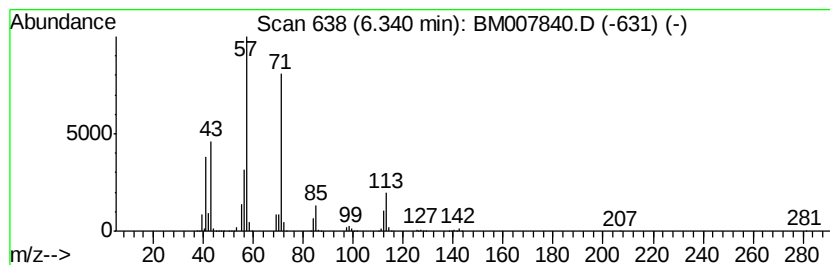
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	11.16 ng/ul	32897200	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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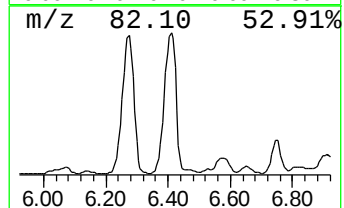
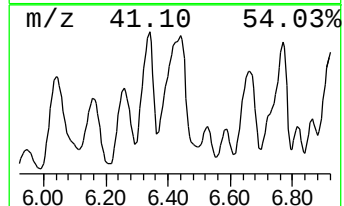
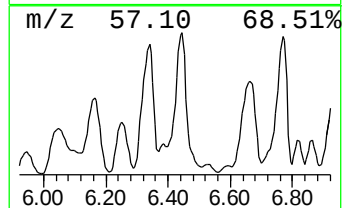
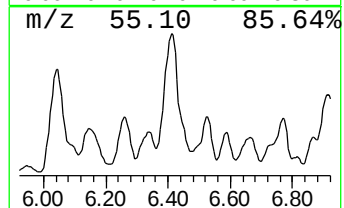
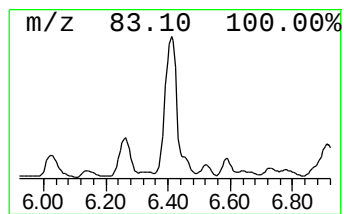
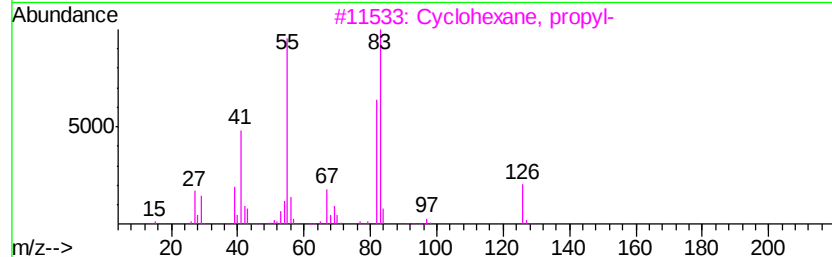
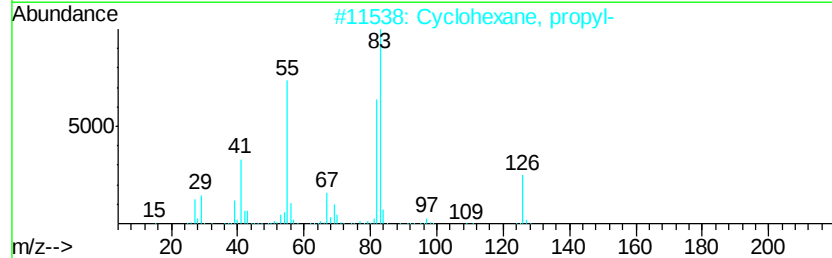
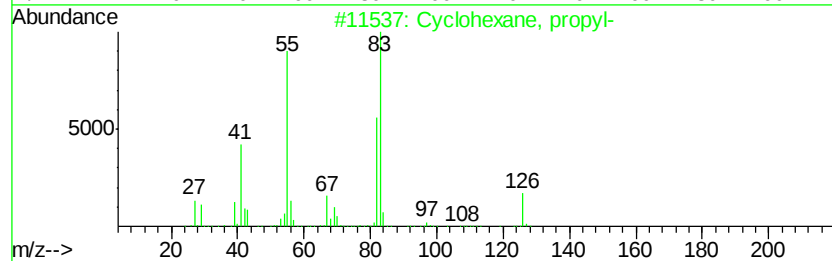
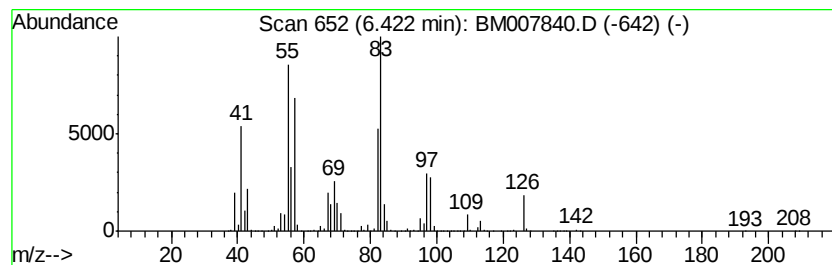
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Cyclic6.42 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	19.58 ng/ul	57713100	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
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Acq On : 11 Nov 2016 23:41
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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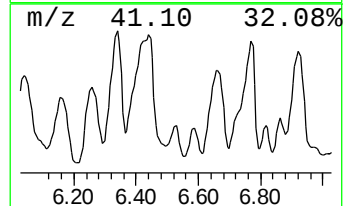
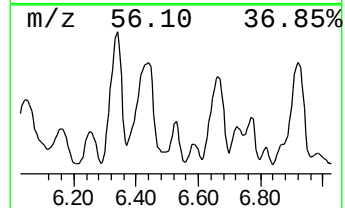
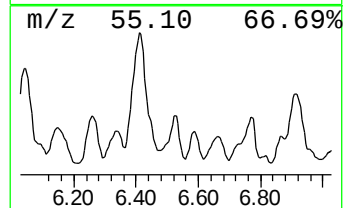
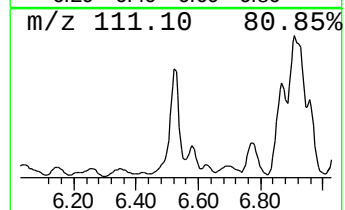
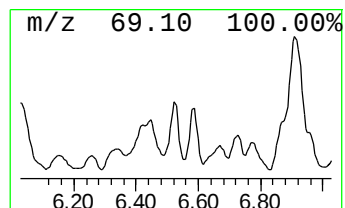
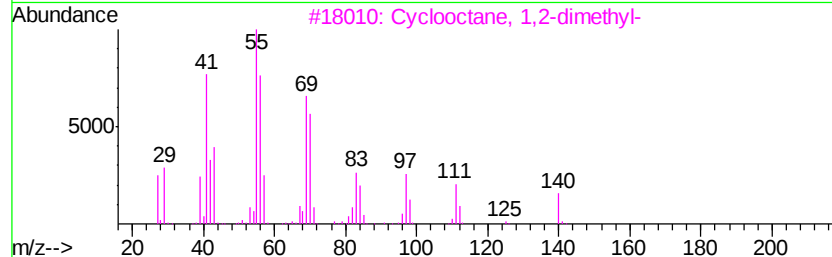
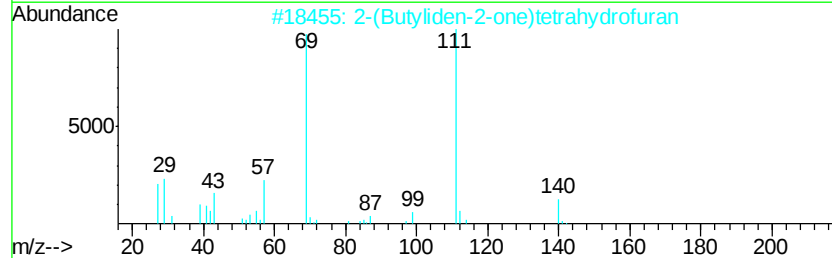
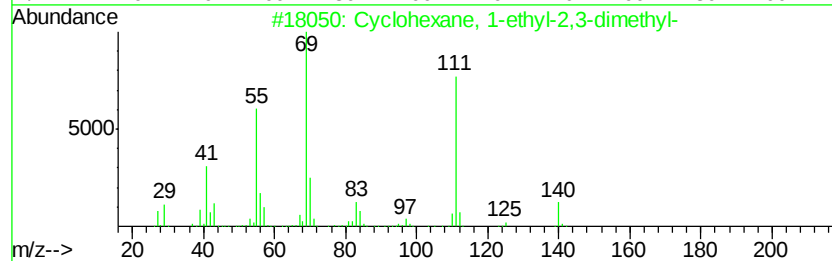
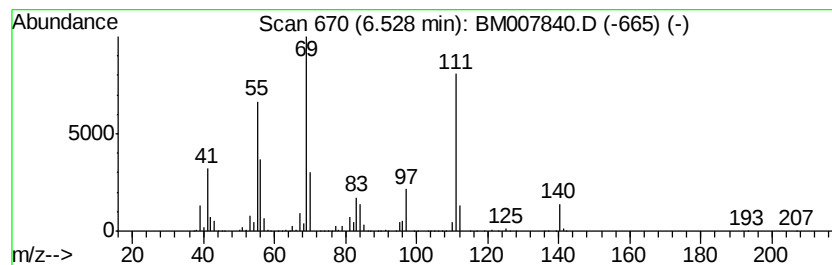
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Cyclic6.53 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	4.03 ng/ul	11884100	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	83
2			2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	53
3			Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	38
4			2-Methyl-2-heptene	112	C8H16	000627-97-4	38
5			3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
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Misc :
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Instrument :
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ClientSampleID :
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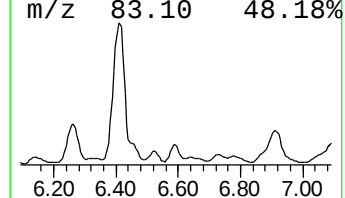
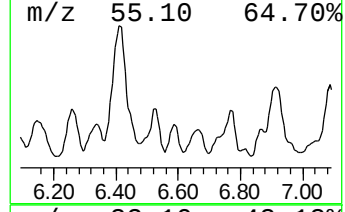
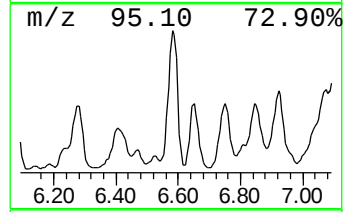
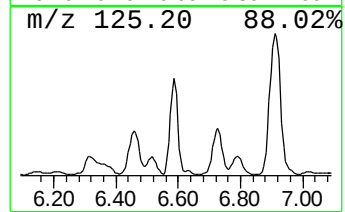
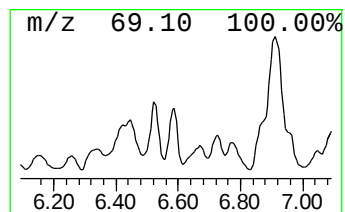
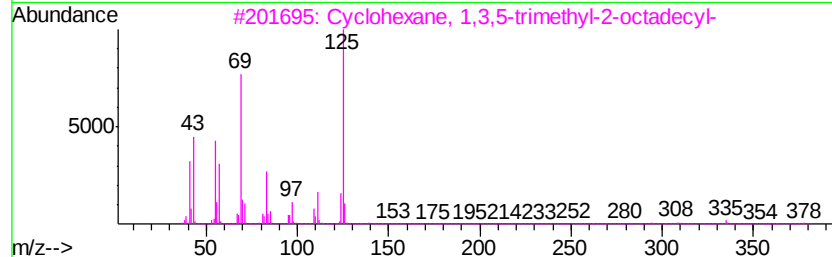
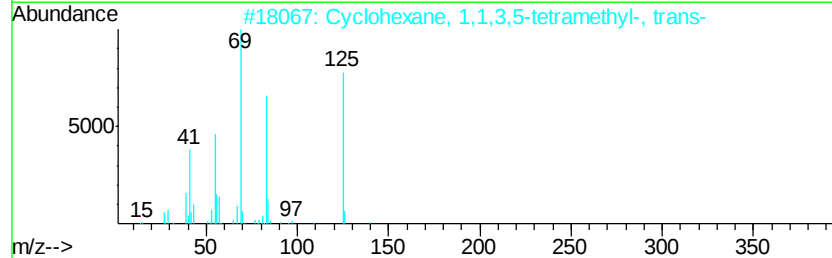
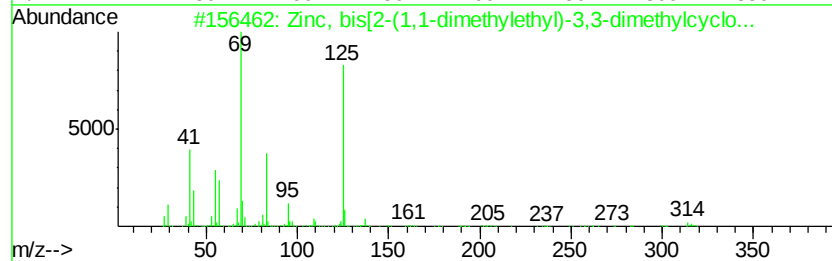
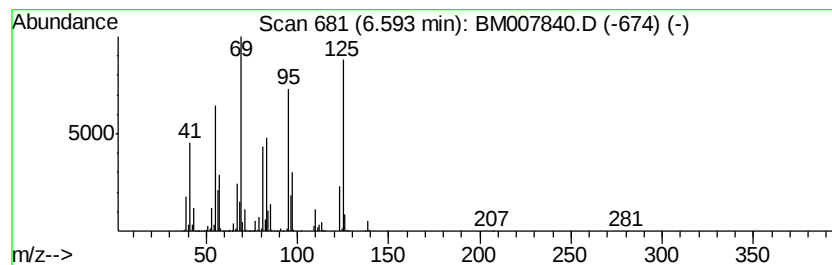
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	4.92 ng/ul	14495600	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
3		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	45
4		4N-Methylcytosine	125	C5H7N3O	006220-47-9	38
5		2(1H)-Pyridinone, 4-hydroxy-6-me...	125	C6H7N02	003749-51-7	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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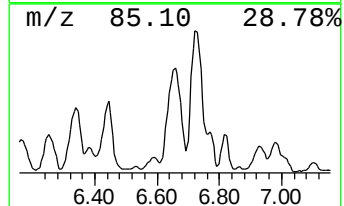
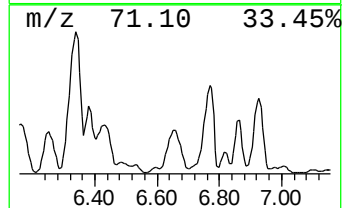
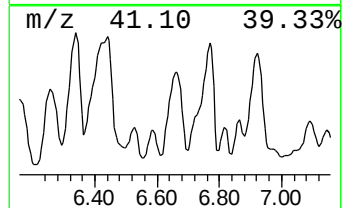
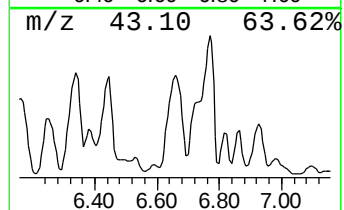
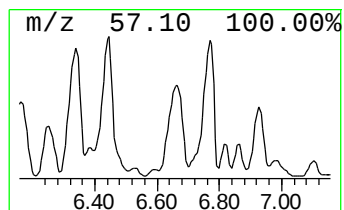
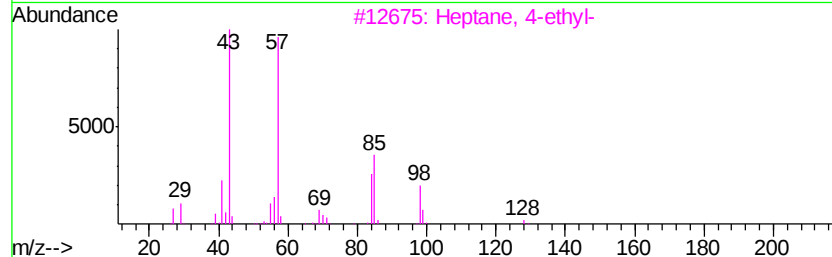
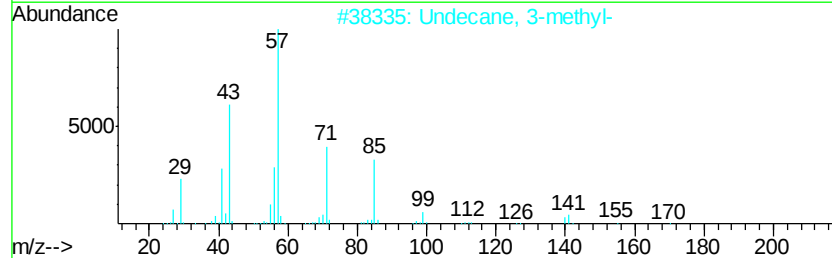
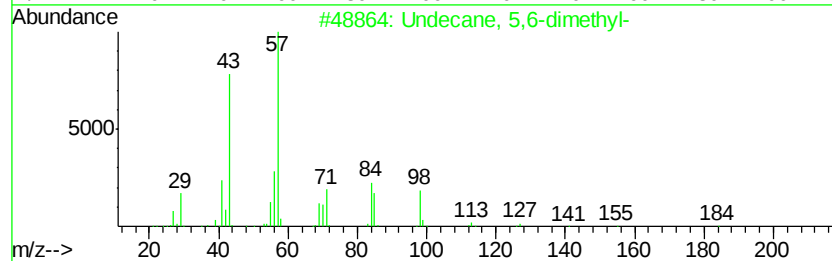
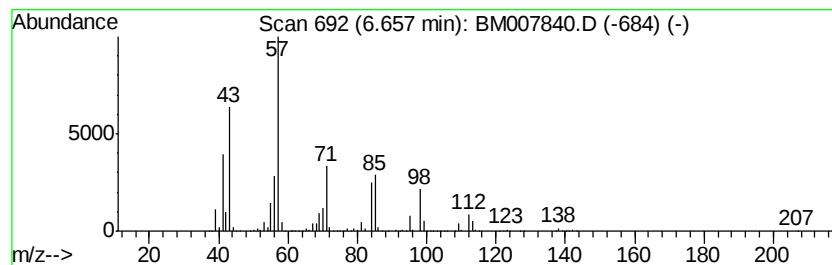
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	14.21 ng/ul	41902600	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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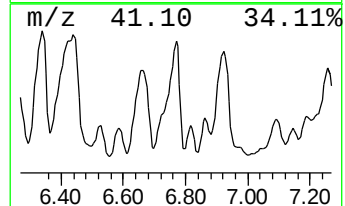
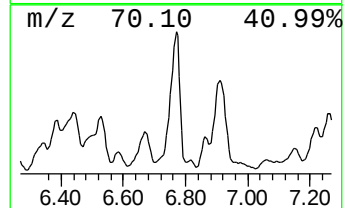
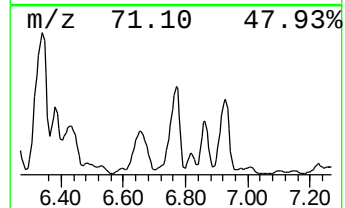
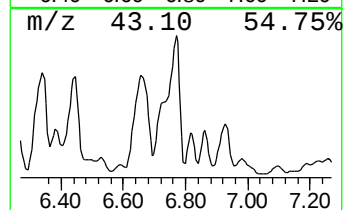
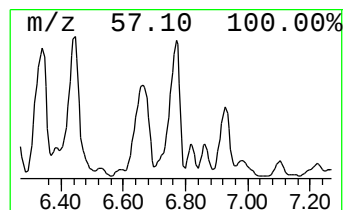
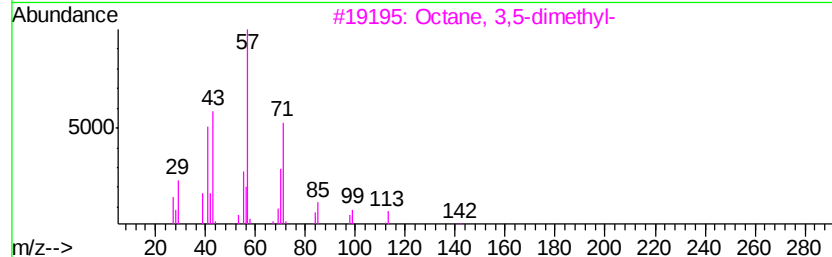
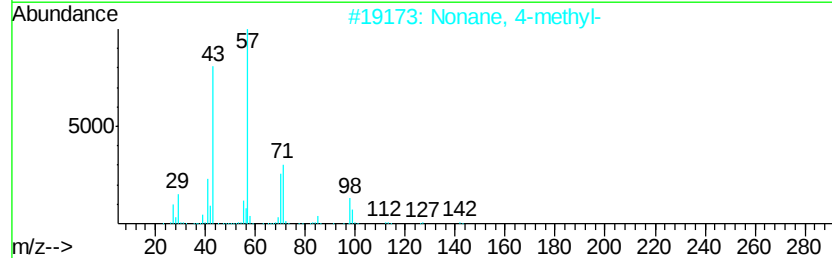
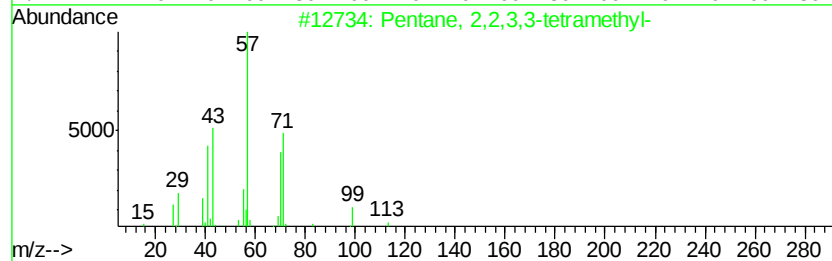
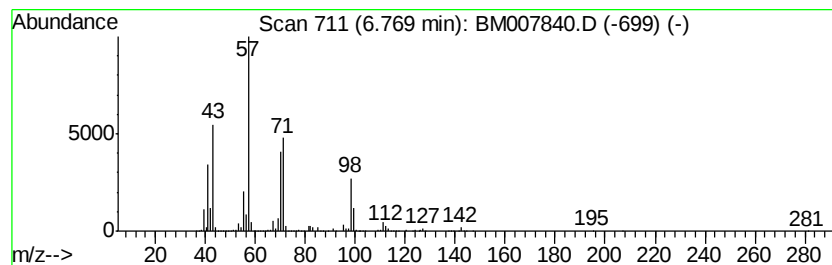
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	21.12 ng/ul	62260100	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	58
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
5		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

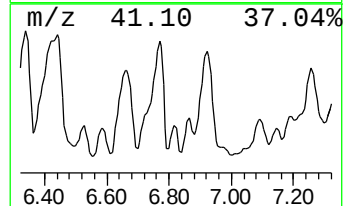
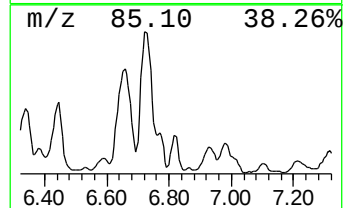
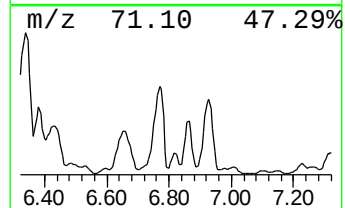
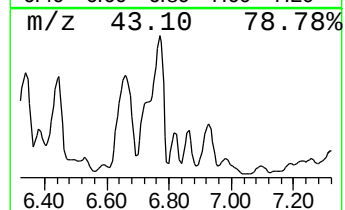
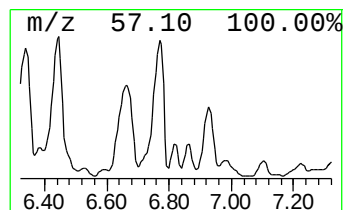
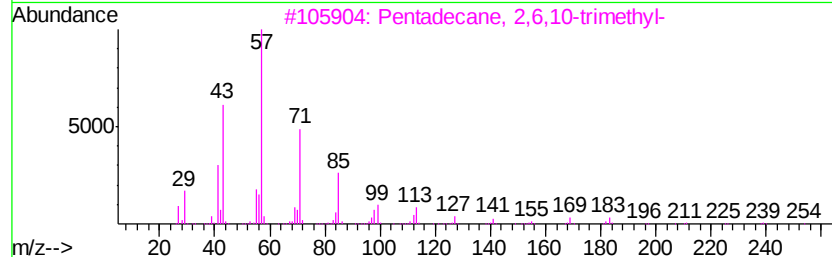
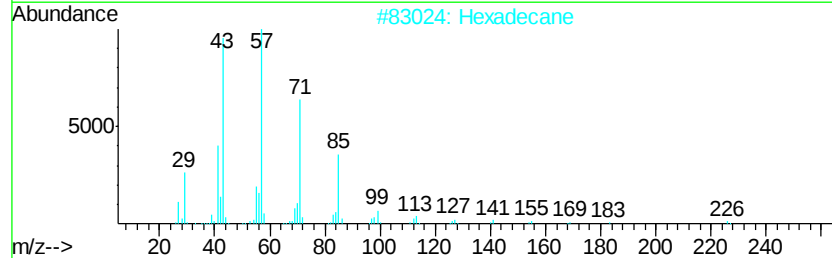
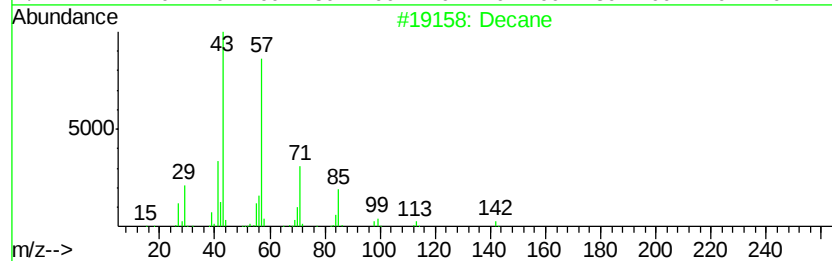
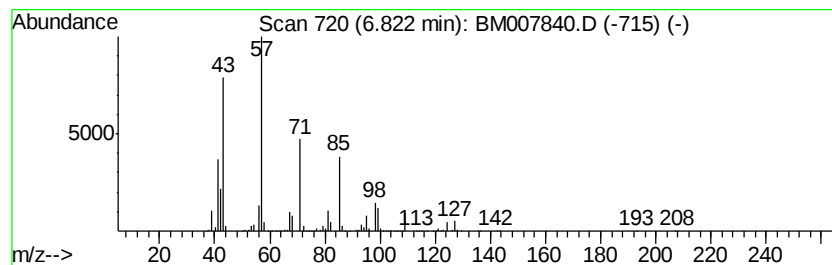
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.12 ng/ul	6253540	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	50
2		Hexadecane	226	C16H34	000544-76-3	50
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	47
5		Nonadecane	268	C19H40	000629-92-5	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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ClientSampleID :
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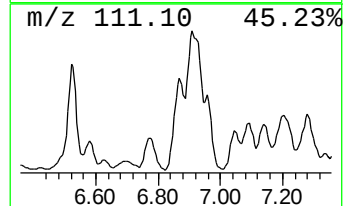
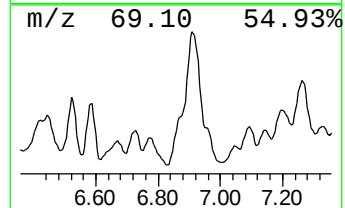
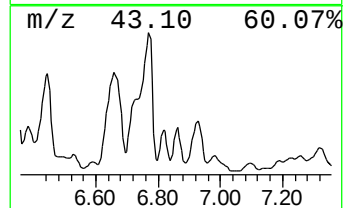
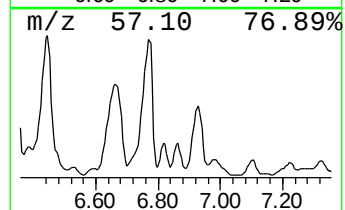
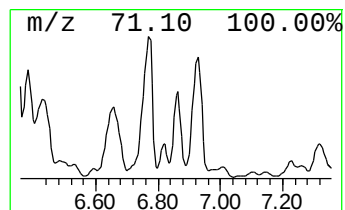
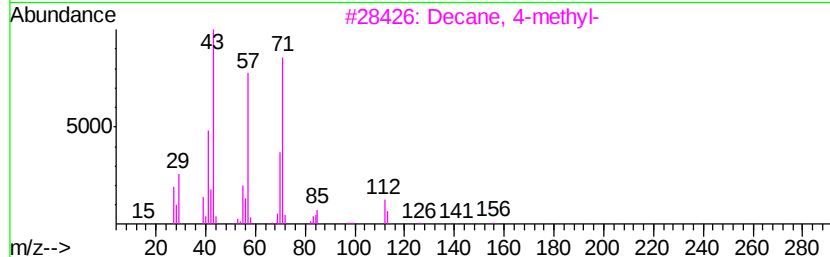
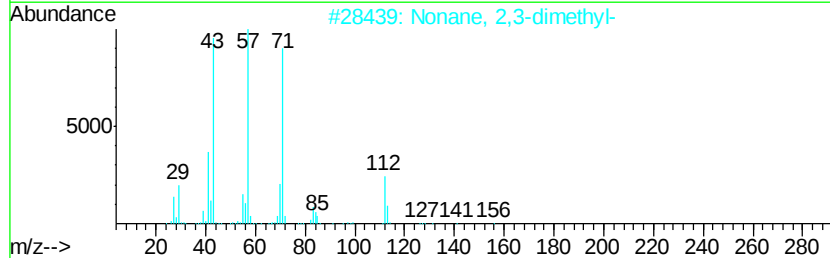
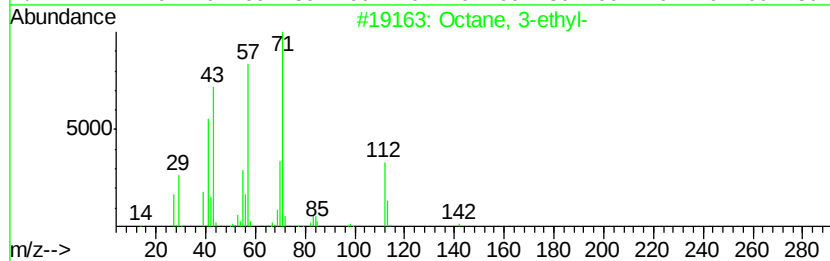
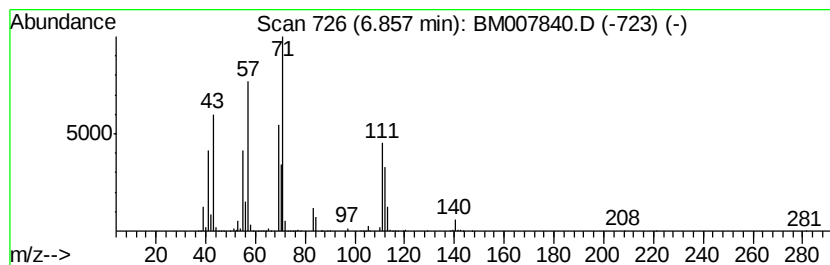
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.18 ng/ul	12322000	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-ethyl-	142	C10H22	005881-17-4	64
2			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	64
3			Decane, 4-methyl-	156	C11H24	002847-72-5	59
4			Decane, 4-methyl-	156	C11H24	002847-72-5	53
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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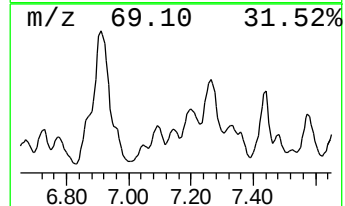
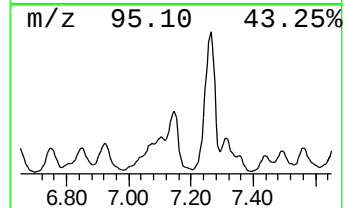
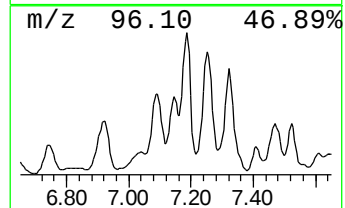
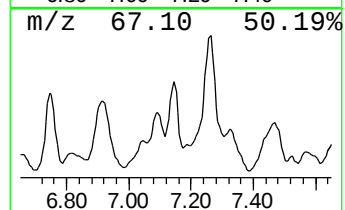
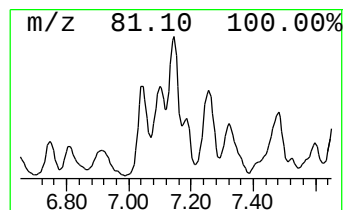
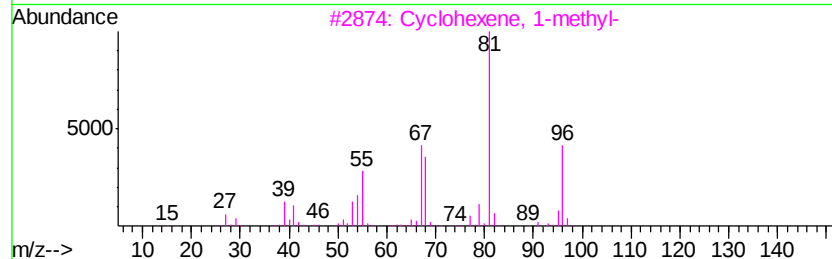
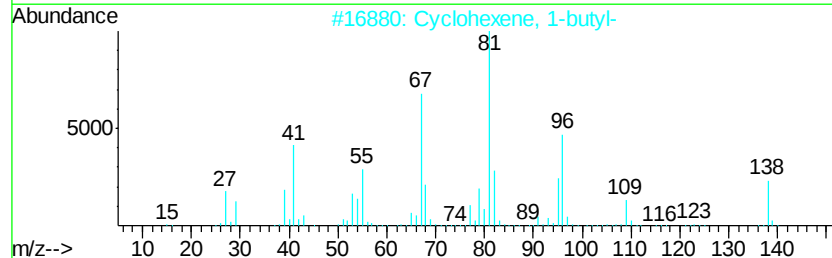
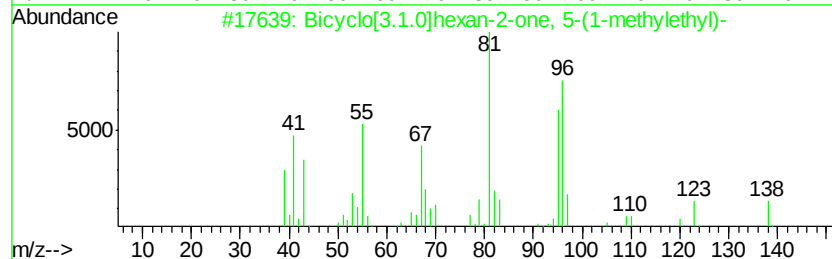
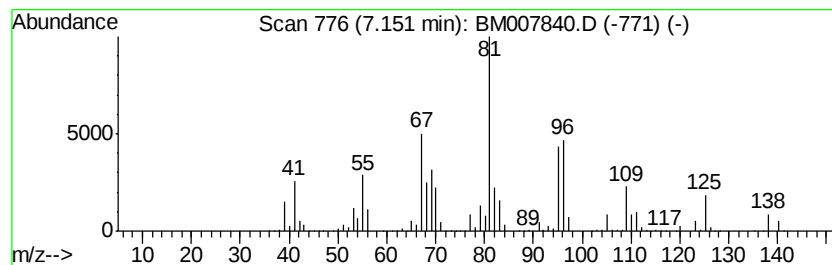
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Bicyclo[3.1.0]hexan-2-one, ... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	4.02 ng/ul	11850400	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	87
2			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	76
3			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
4			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
5			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
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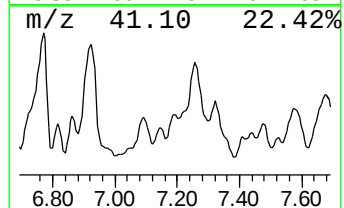
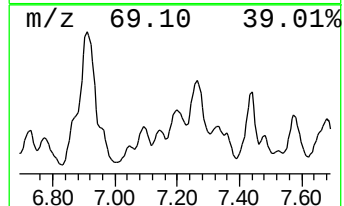
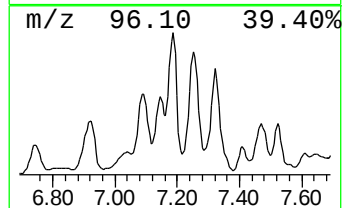
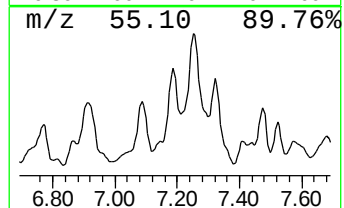
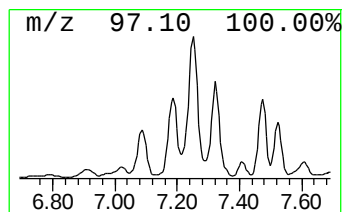
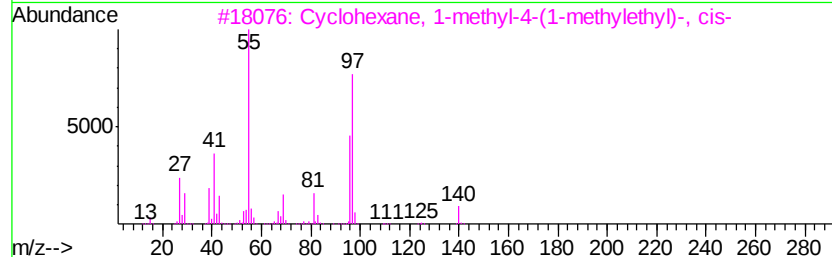
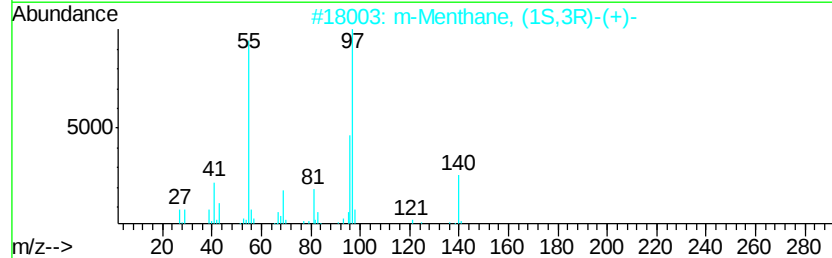
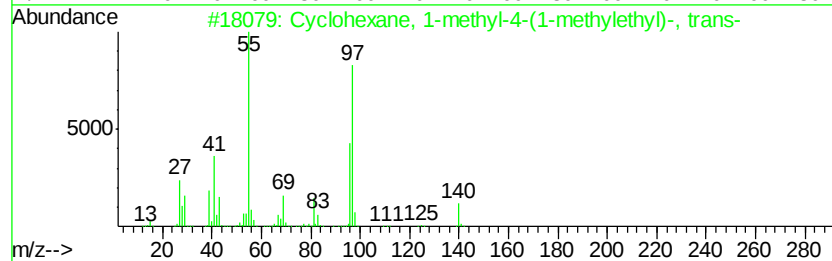
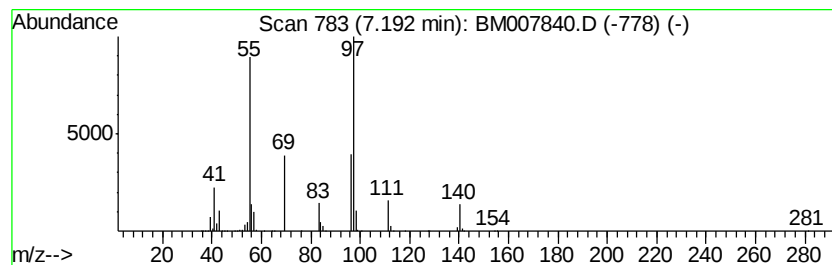
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Cyclic7.19 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	4.89 ng/ul	14409800	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	86
2			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	86
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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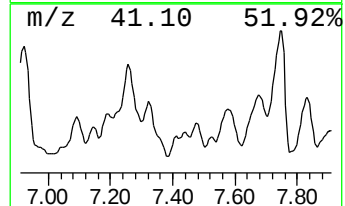
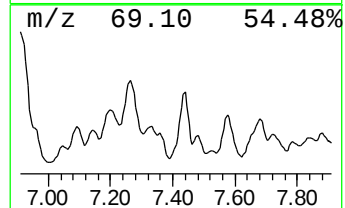
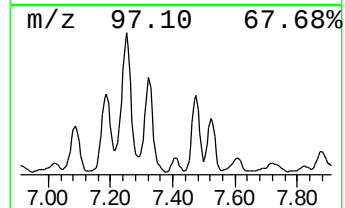
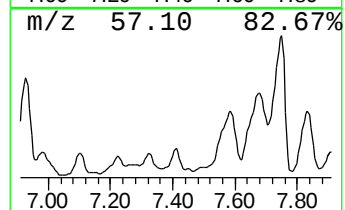
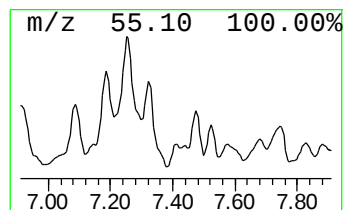
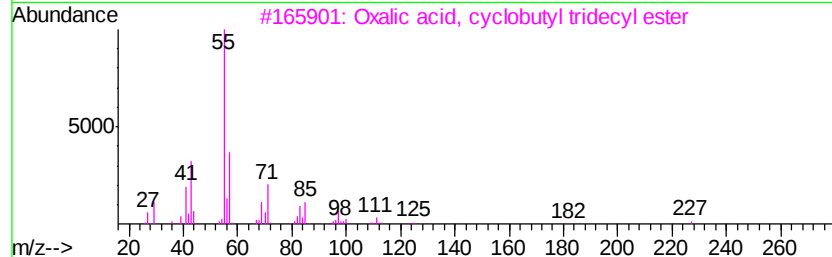
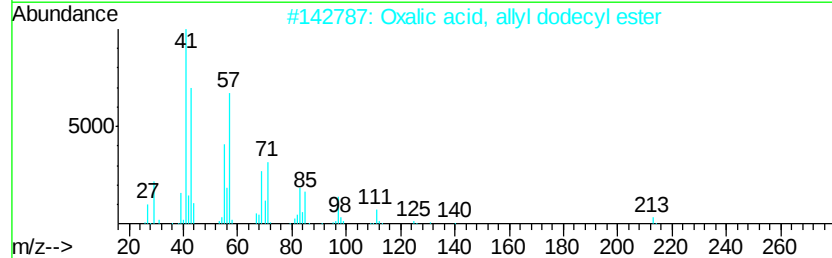
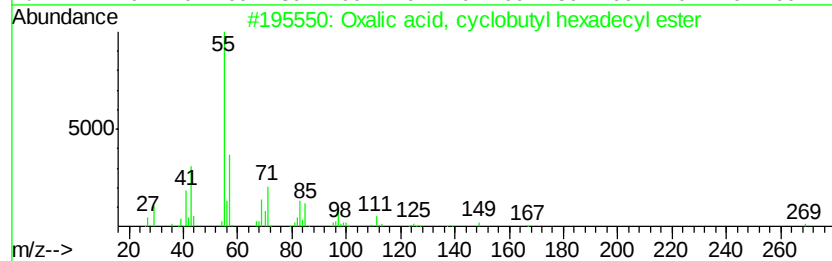
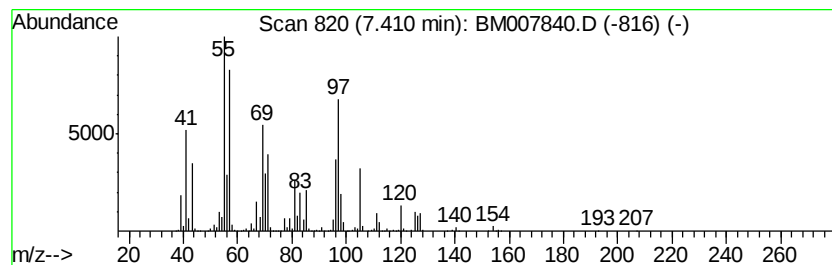
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-02 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	2.61 ng/ul	7697980	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl hexadecyl...	368	C22H40O4	1000309-70-6	43
2			Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	43
3			Oxalic acid, cyclobutyl tridecyl...	326	C19H34O4	1000309-70-4	38
4			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	35
5			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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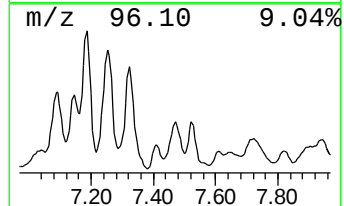
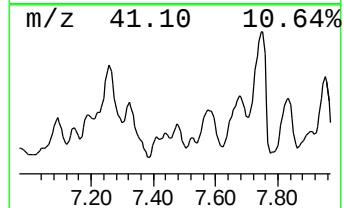
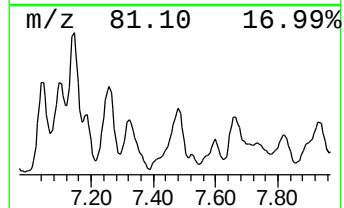
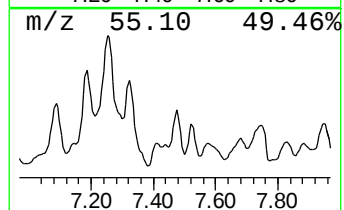
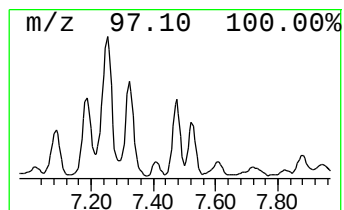
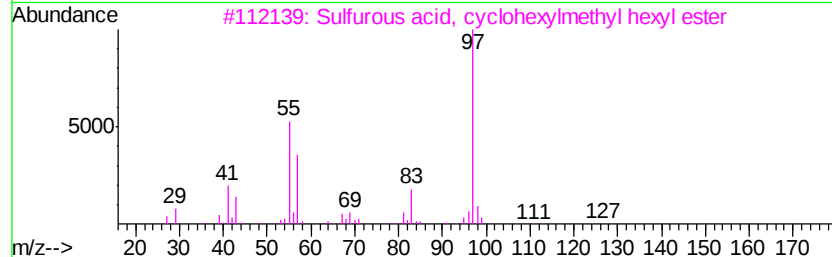
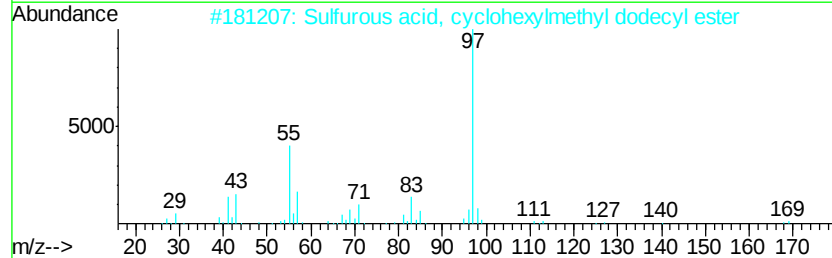
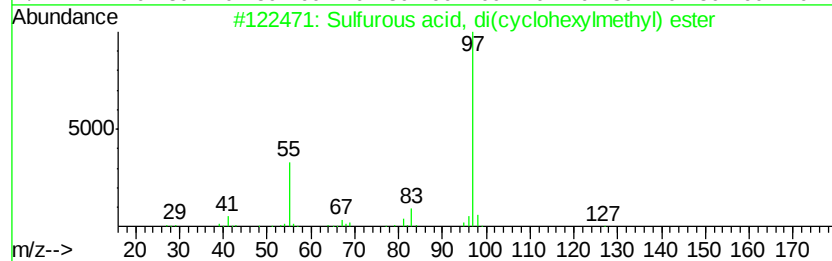
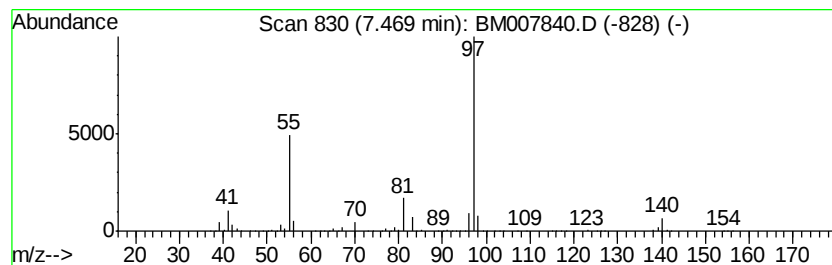
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Sulfurous acid, di(cyclohex... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.68 ng/ul	10854200	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	72
2			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72
3			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	72
4			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	72
5			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

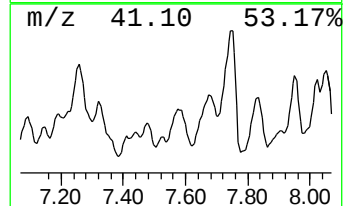
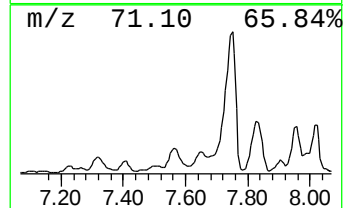
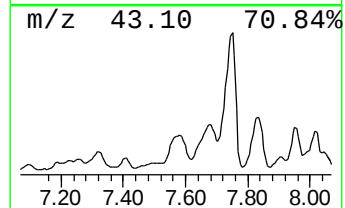
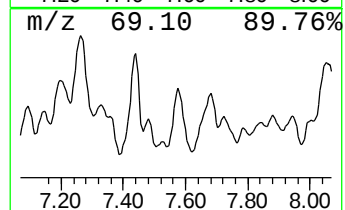
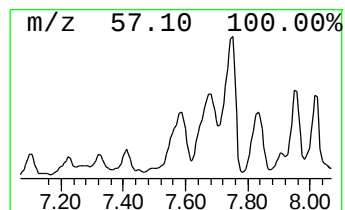
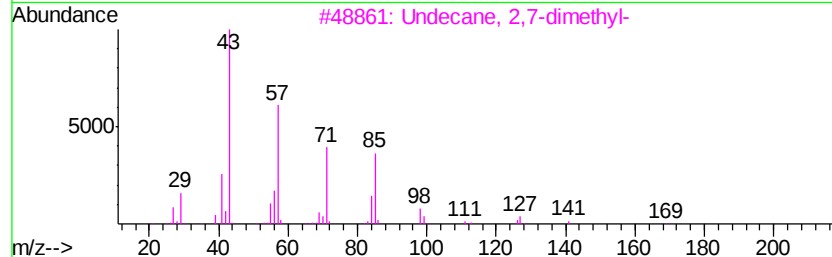
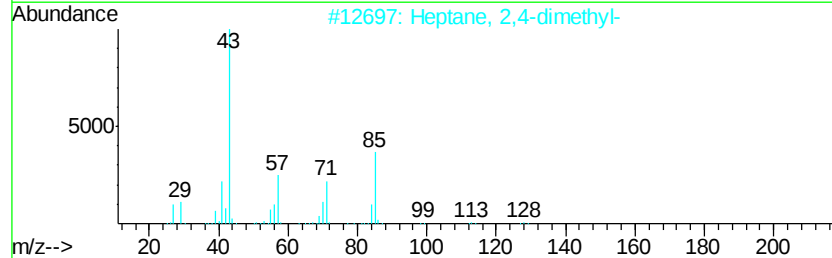
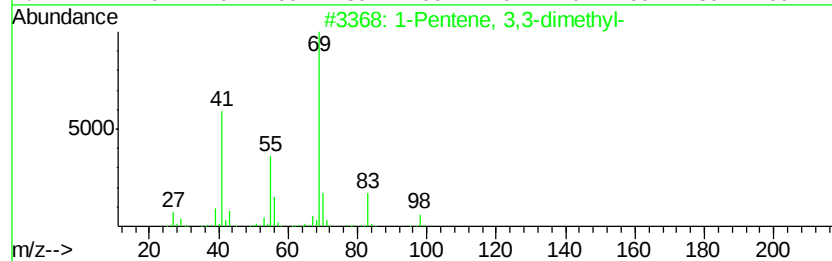
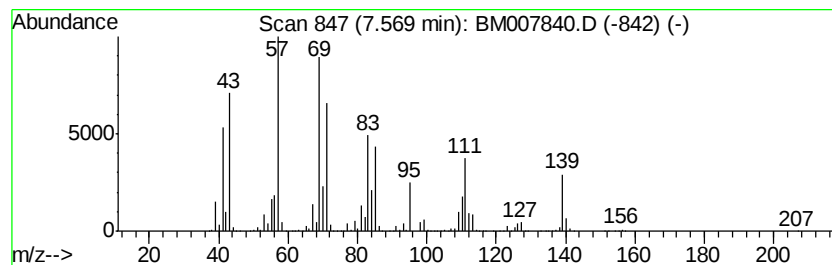
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Cyclic7.57 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	6.16 ng/ul	18160900	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	30
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27
3			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	22
4			3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	22
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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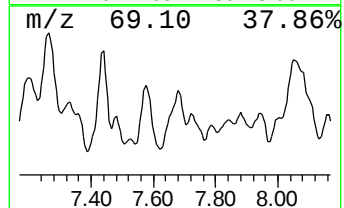
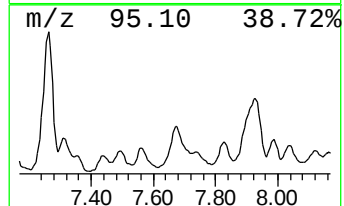
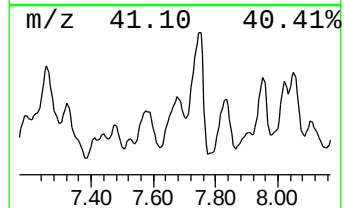
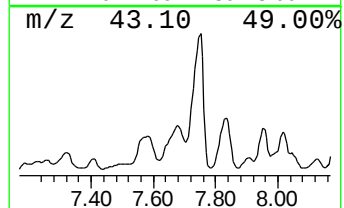
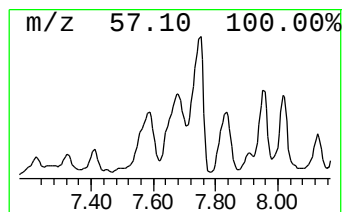
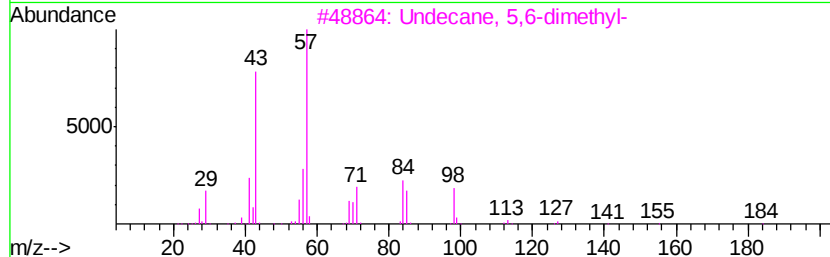
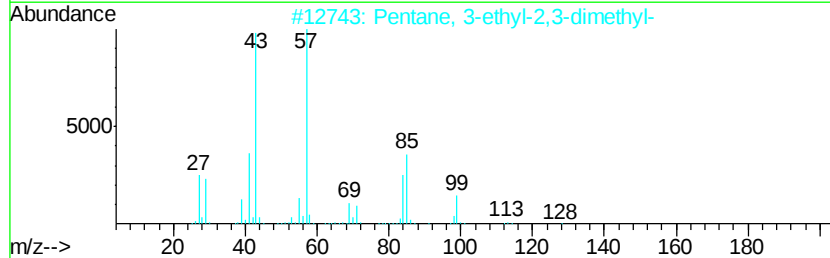
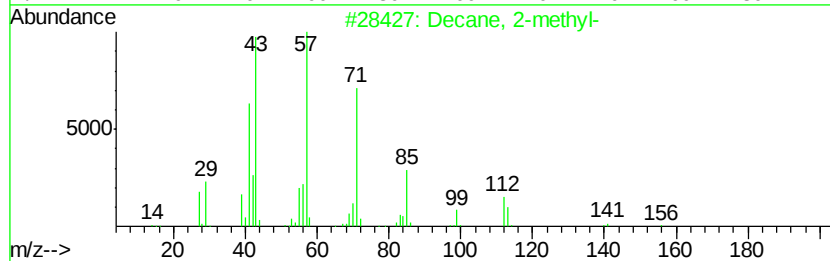
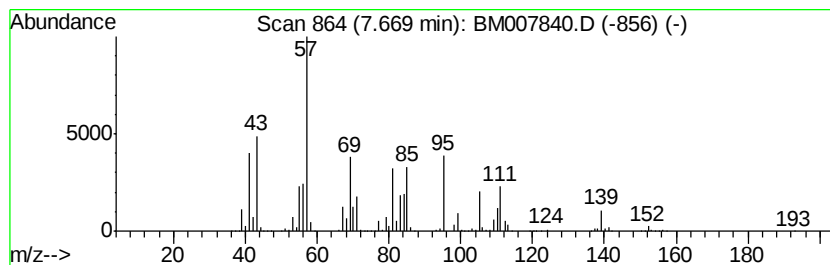
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	11.49 ng/ul	33865300	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	35
2		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	35
3		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	35
4		Decane, 5-methyl-	156	C11H24	013151-35-4	35
5		Decane, 5-methyl-	156	C11H24	013151-35-4	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BD4M5

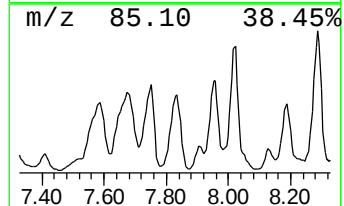
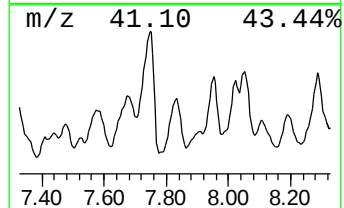
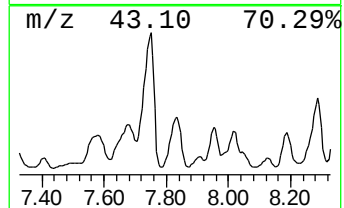
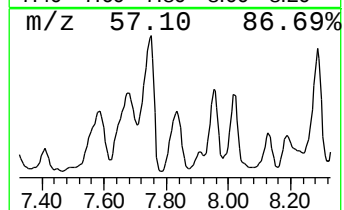
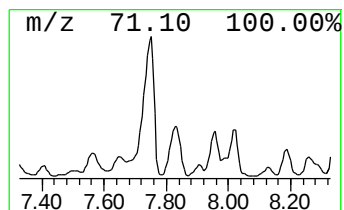
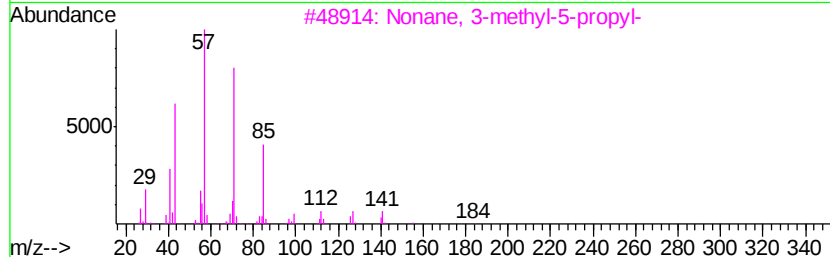
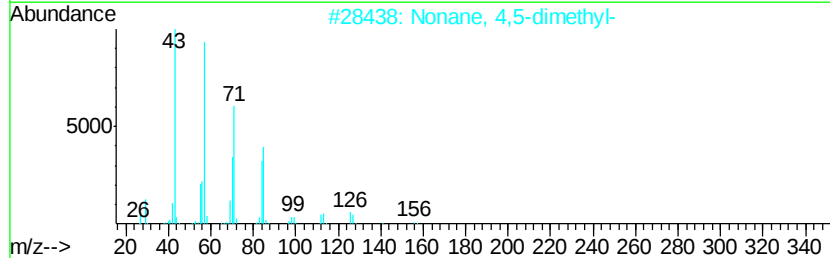
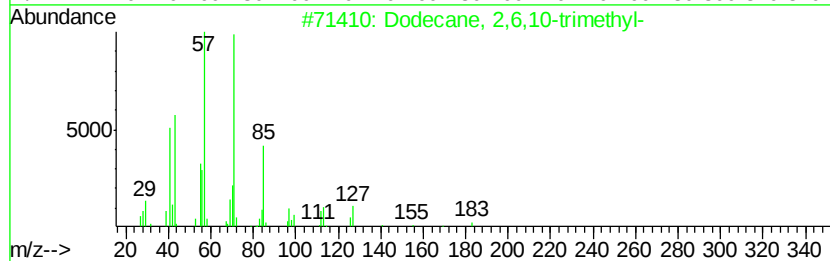
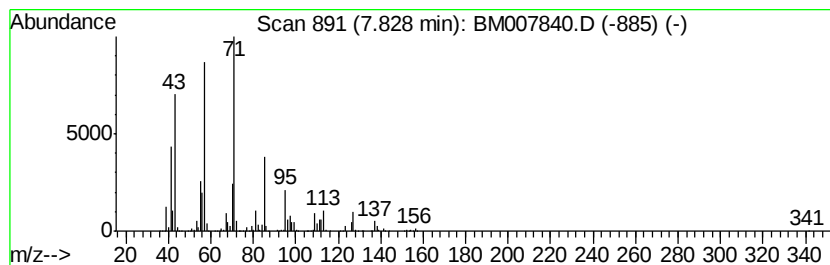
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	7.74 ng/ul	22830300	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
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Instrument :
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ClientSampleId :
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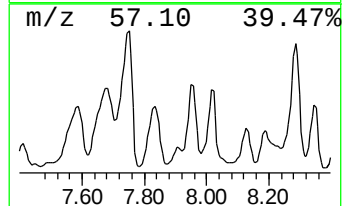
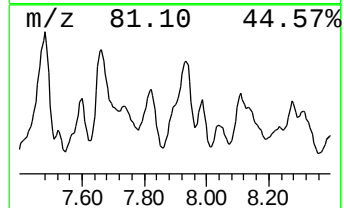
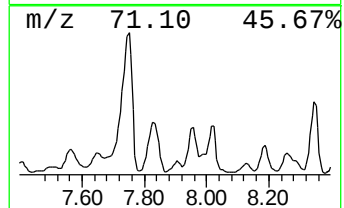
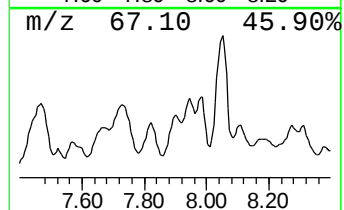
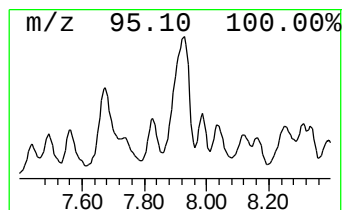
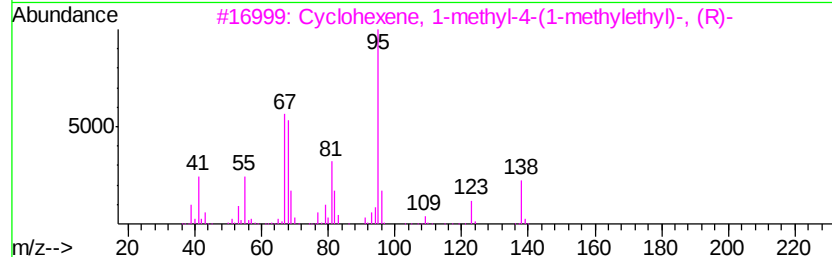
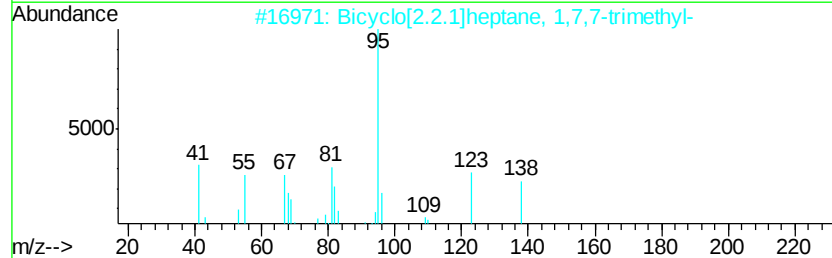
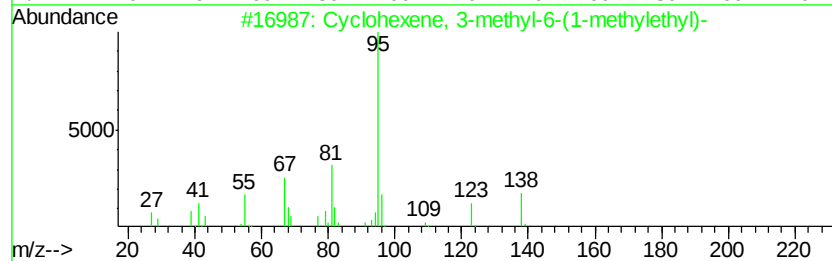
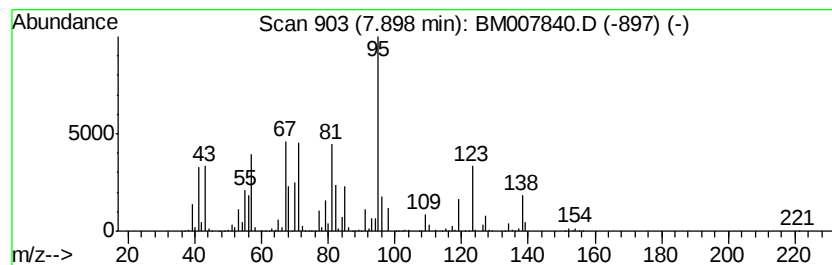
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 Cyclohexene, 3-methyl-6-(1-... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	3.70 ng/ul	10918900	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	60
2		Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	55
3		Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	53
4		Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	52
5		5-Hydroxy-2-pyridinecarbaldehyde	123	C6H5NO2	031191-08-9	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
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Instrument :
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ClientSampleId :
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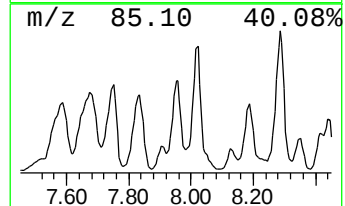
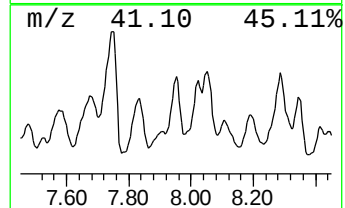
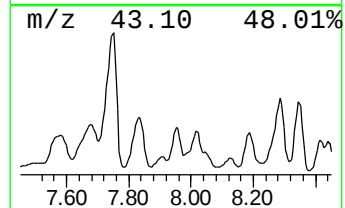
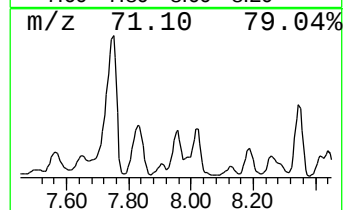
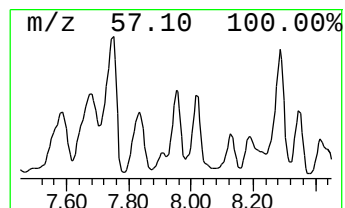
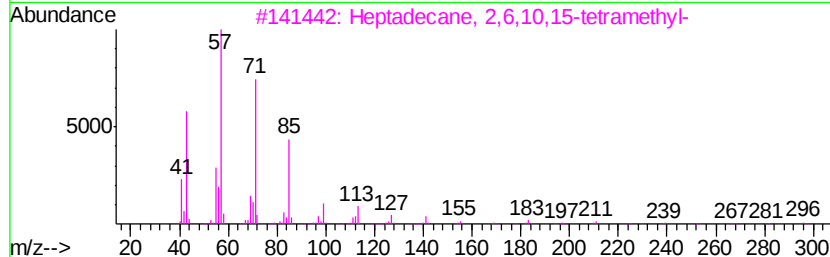
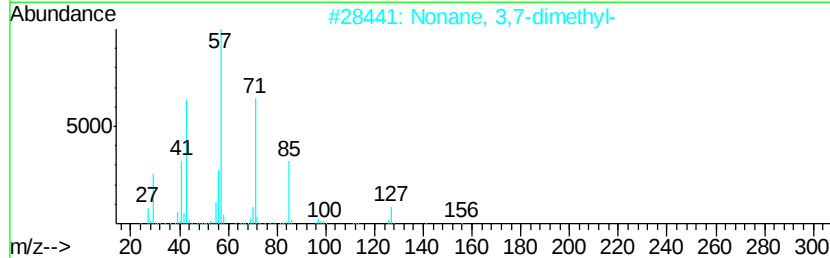
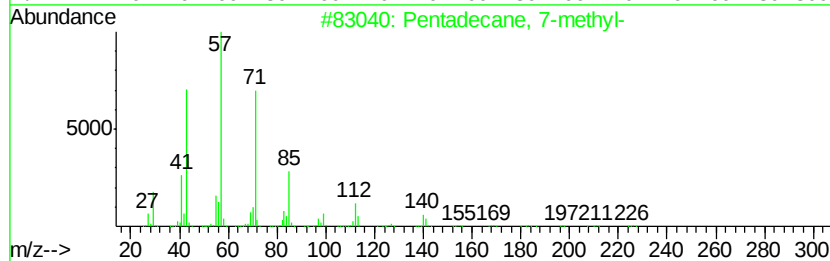
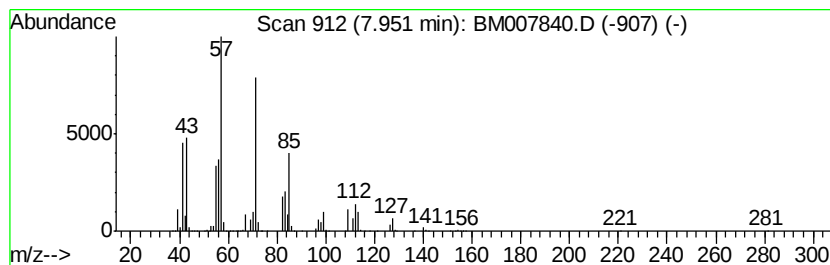
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	6.03 ng/ul	17782300	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4		Heptacosane	380	C27H56	000593-49-7	59
5		Pentadecane	212	C15H32	000629-62-9	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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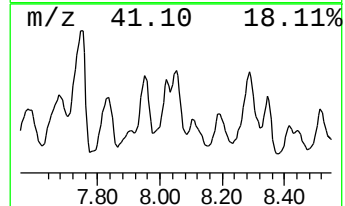
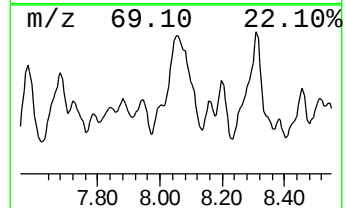
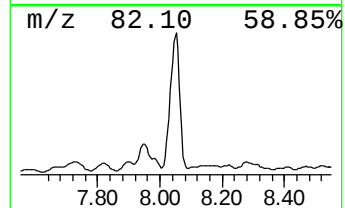
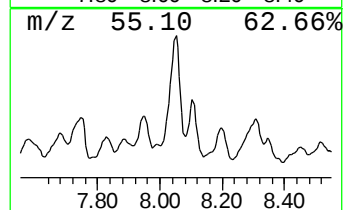
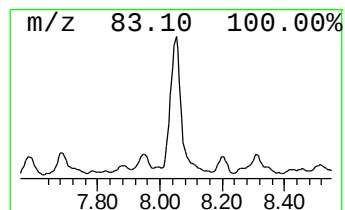
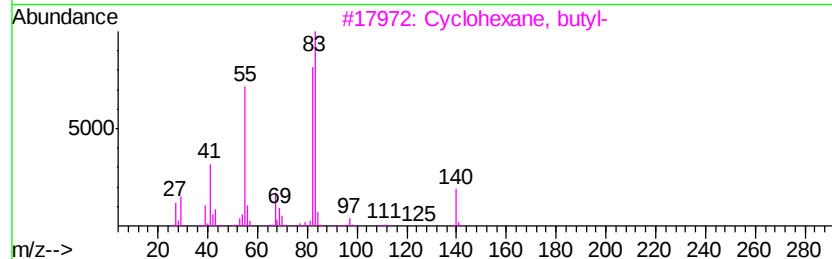
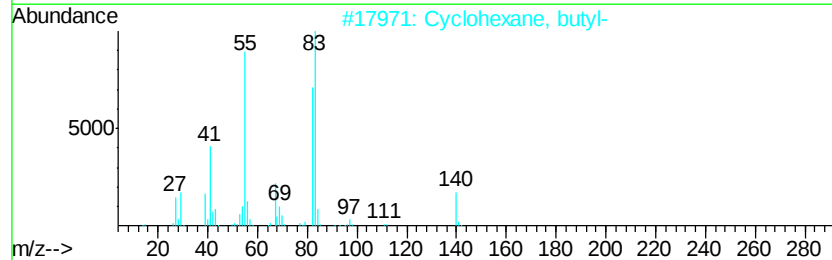
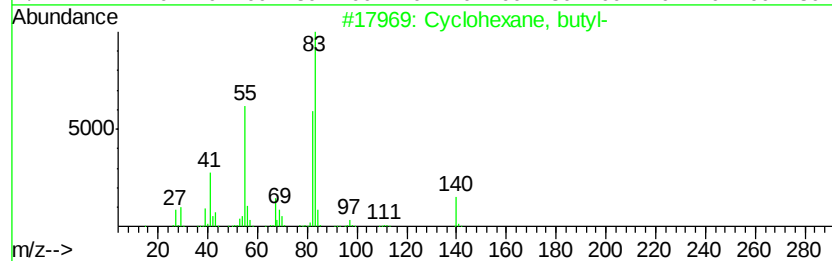
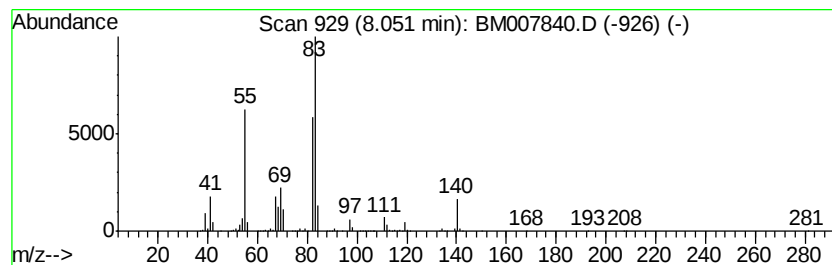
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Cyclic8.05 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	8.24 ng/ul	24299900	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	78
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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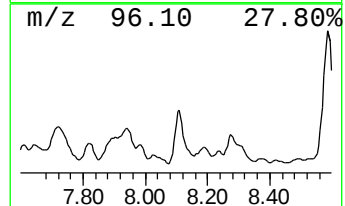
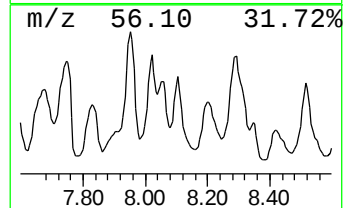
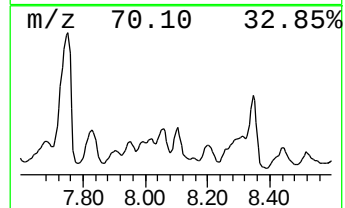
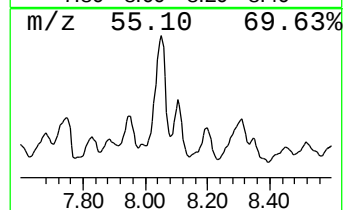
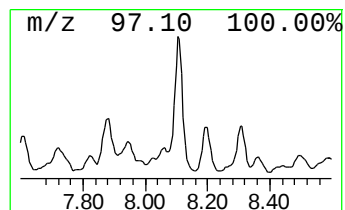
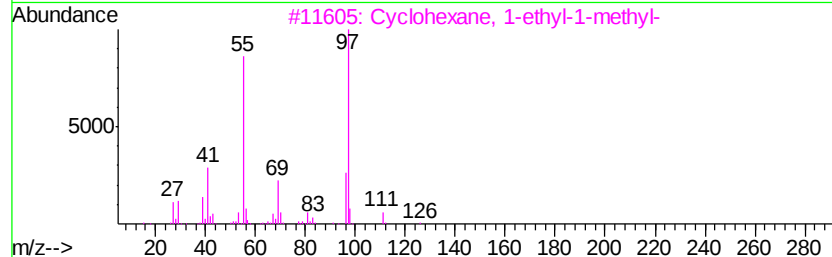
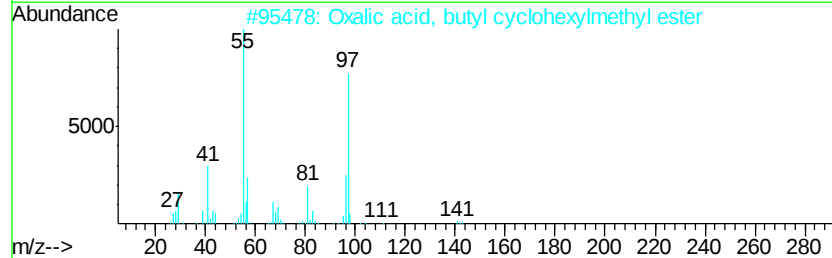
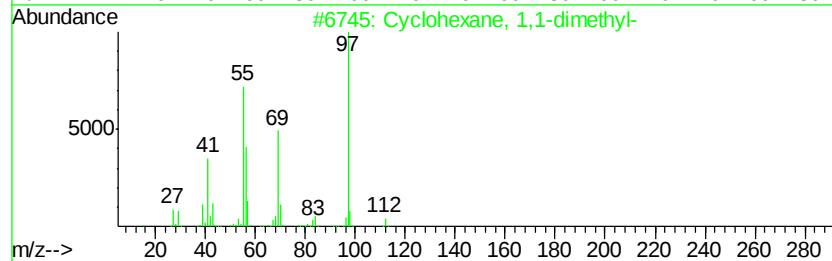
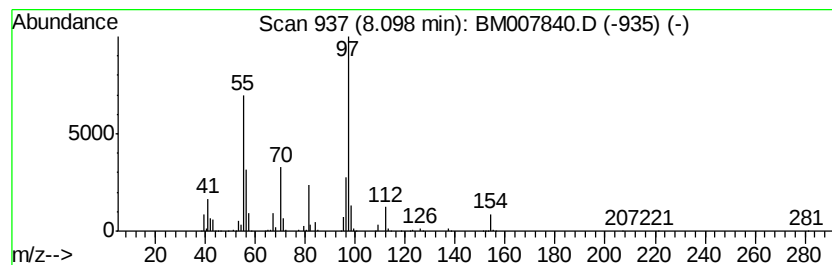
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Cyclic8.10 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	4.40 ng/ul	12971200	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	62
2			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	53
3			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
4			Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	47
5			Diethylmalonic acid, monochlorid...	274	C14H23ClO3	1000371-17-9	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
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Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
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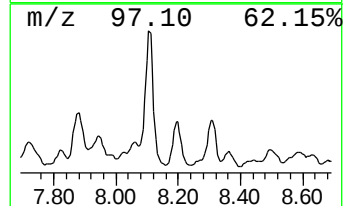
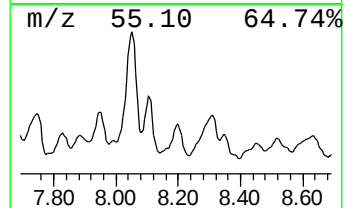
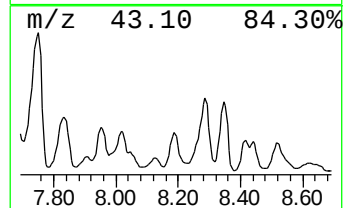
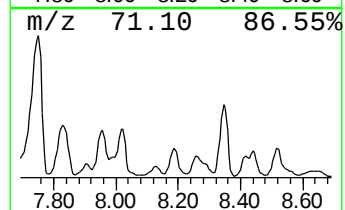
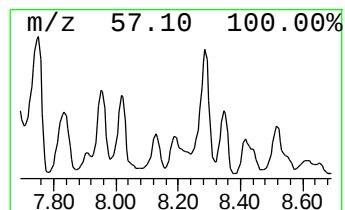
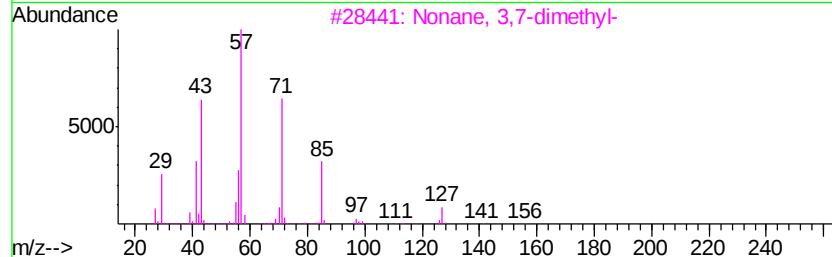
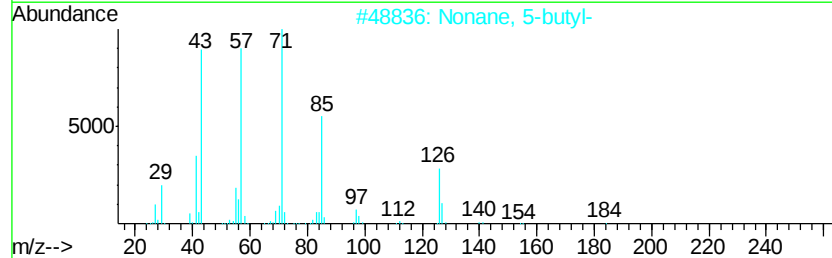
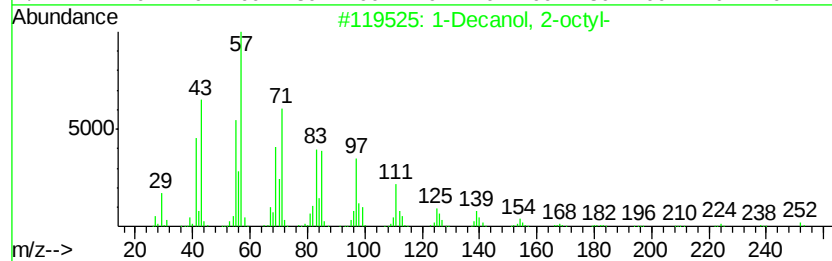
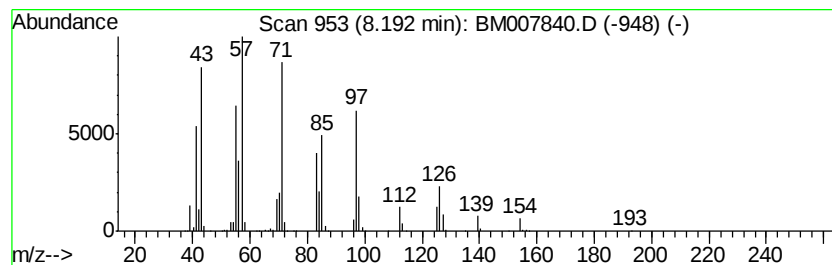
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 1-Decanol, 2-octyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.40 ng/ul	10008500	1,4-Dichlorobenzene-d4	7.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-octyl-	270 C18H38O	045235-48-1	72
2	Nonane, 5-butyl-	184 C13H28	017312-63-9	46
3	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	43
4	Cyclohexanone, 2,6-diethyl-	154 C10H18O	016519-68-9	41
5	Pentane, 2,3,3-trimethyl-	114 C8H18	000560-21-4	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
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Instrument :
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ClientSampleId :
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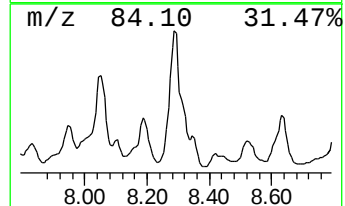
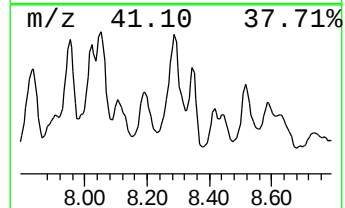
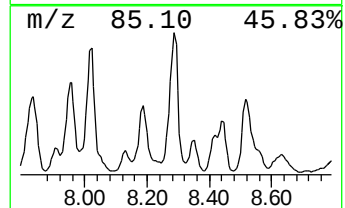
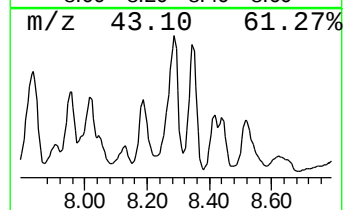
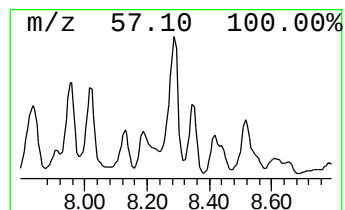
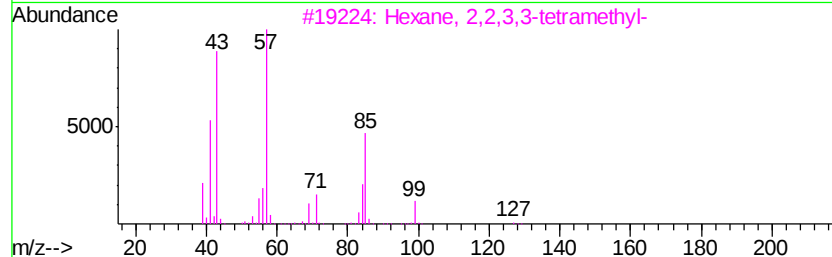
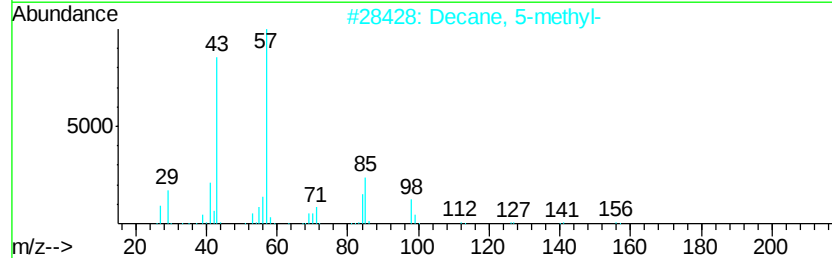
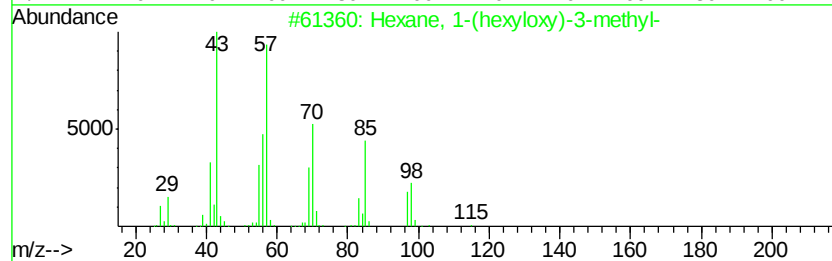
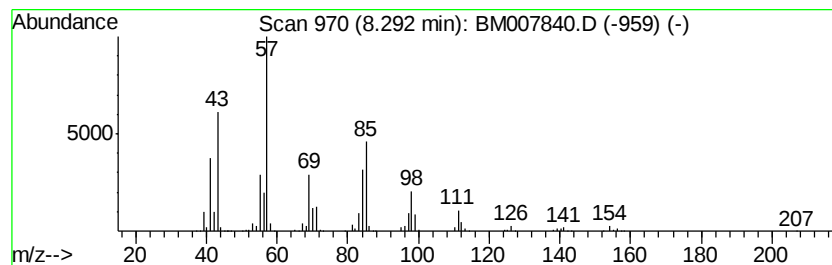
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 Hexane, 1-(hexyloxy)-3-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	12.37 ng/ul	36455200	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	58
2		Decane, 5-methyl-	156	C11H24	013151-35-4	58
3		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	52
4		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
5		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
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Instrument :
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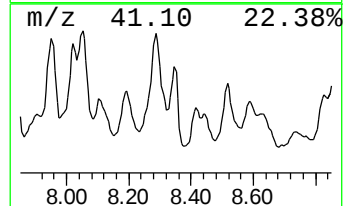
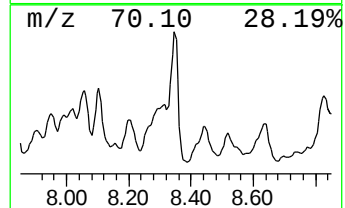
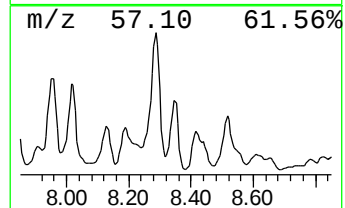
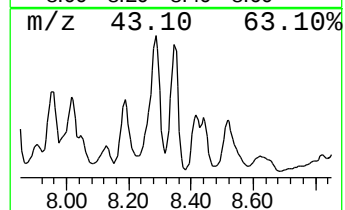
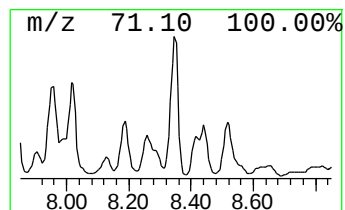
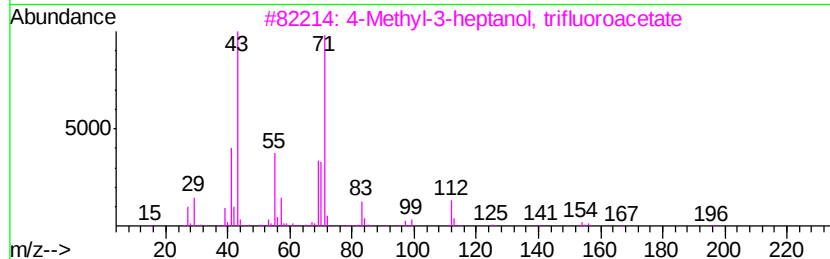
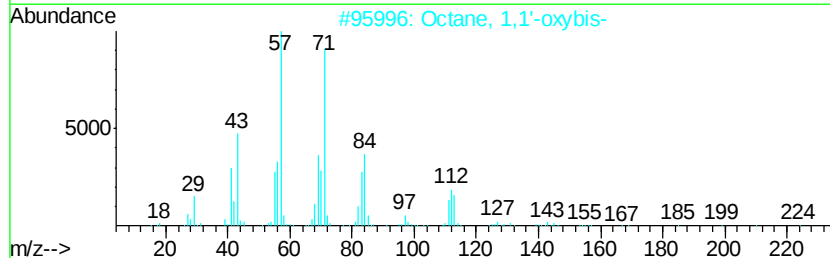
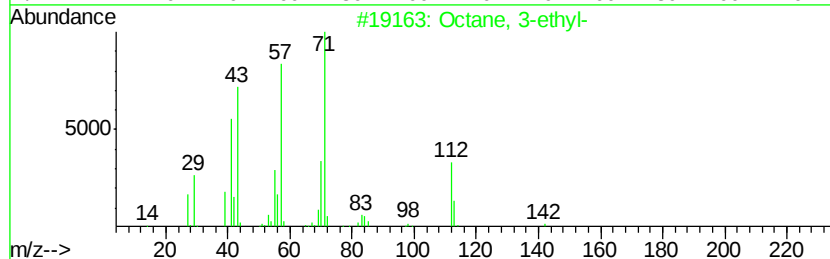
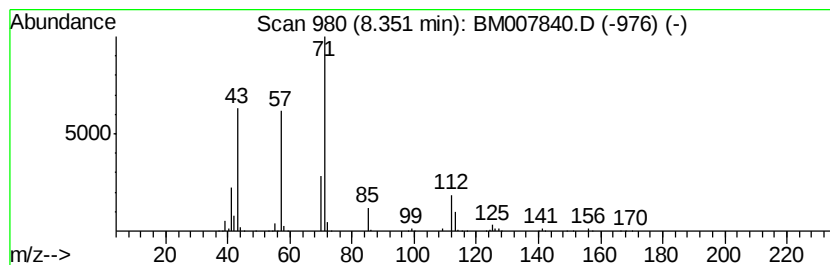
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	5.38 ng/ul	15861000	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-ethyl-	142	C10H22	005881-17-4	78
2		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
3		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	72
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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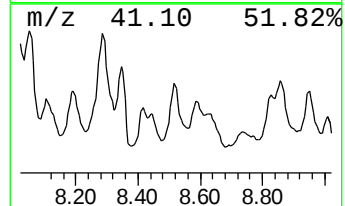
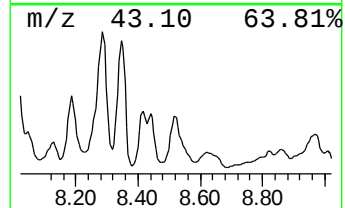
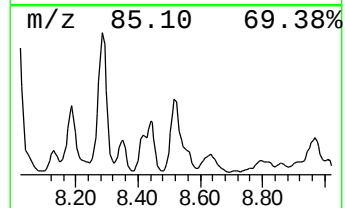
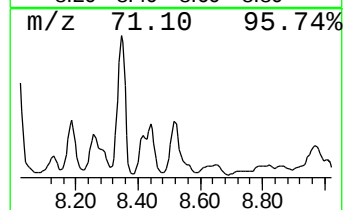
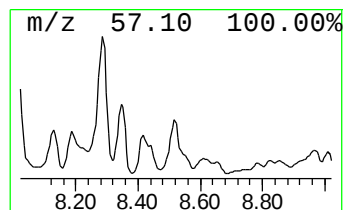
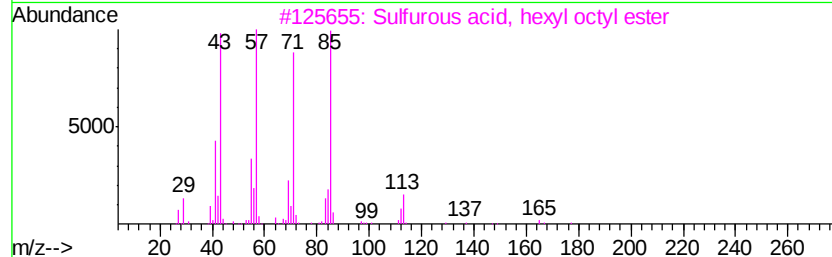
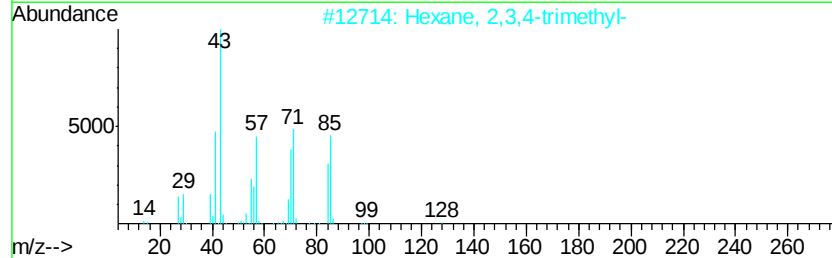
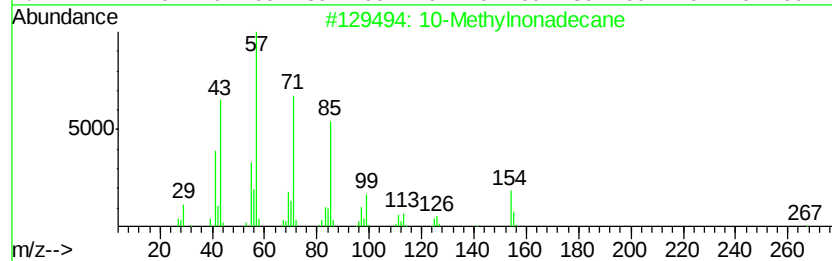
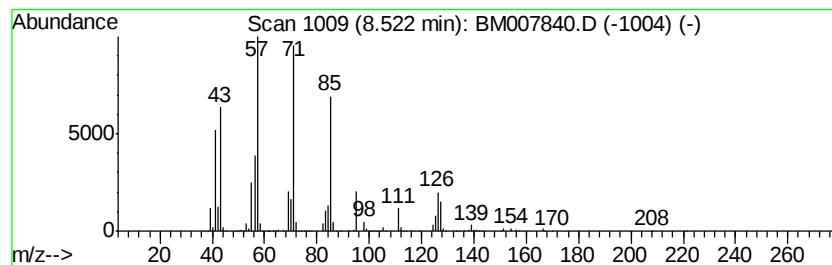
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	3.07 ng/ul	9064200	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	64
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	58
3			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	50
4			2,3-Dimethyldecane	170	C12H26	017312-44-6	50
5			Decane, 3-methyl-	156	C11H24	013151-34-3	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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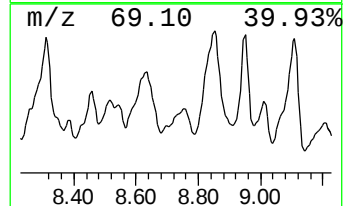
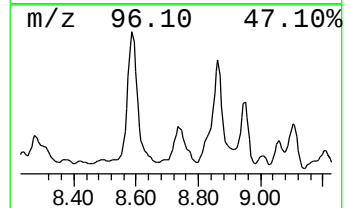
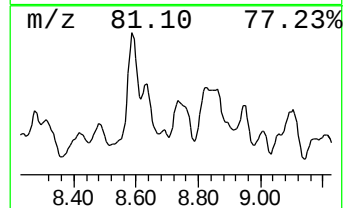
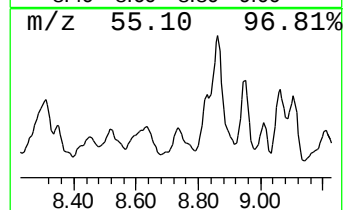
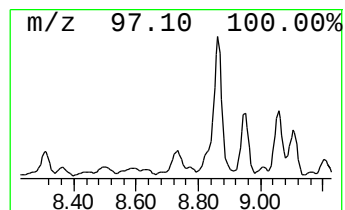
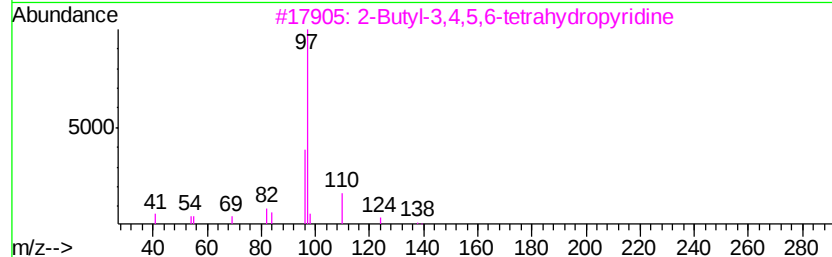
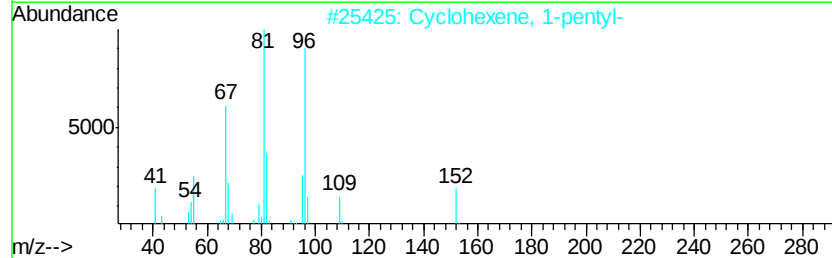
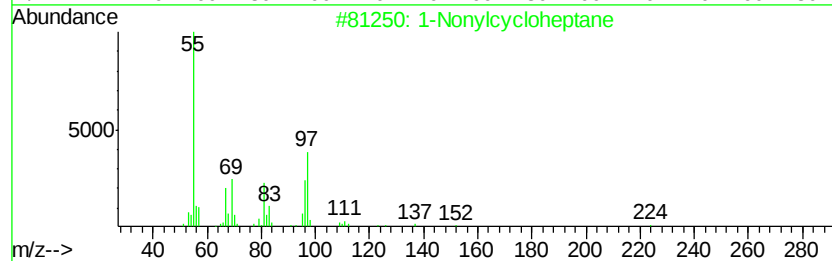
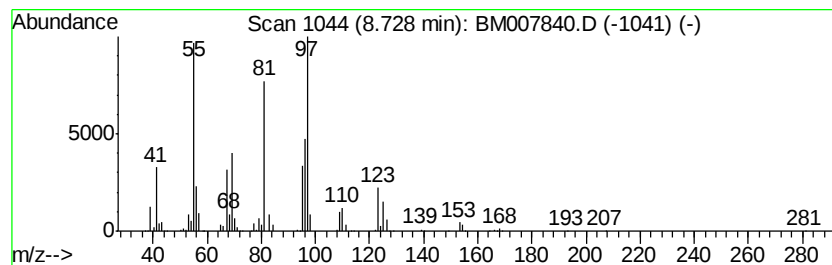
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Cyclic8.73 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.14 ng/ul	6315060	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonylcycloheptane	224	C16H32	1000371-47-7	43
2			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	38
3			2-Butyl-3,4,5,6-tetrahydropyridine	139	C9H17N	001462-94-8	35
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	35
5			Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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Sample : H5610-10
Misc :
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Instrument :
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ClientSampleId :
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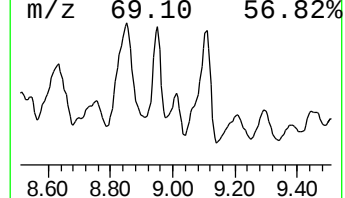
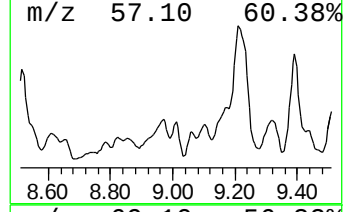
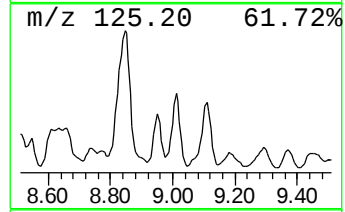
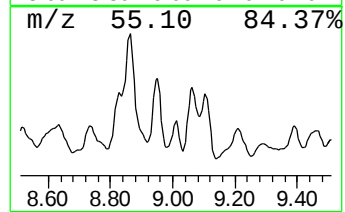
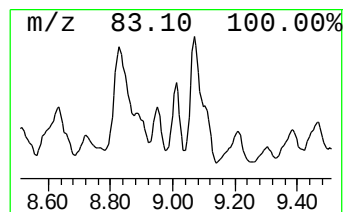
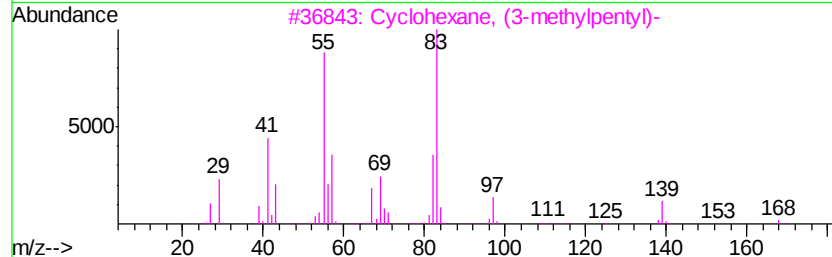
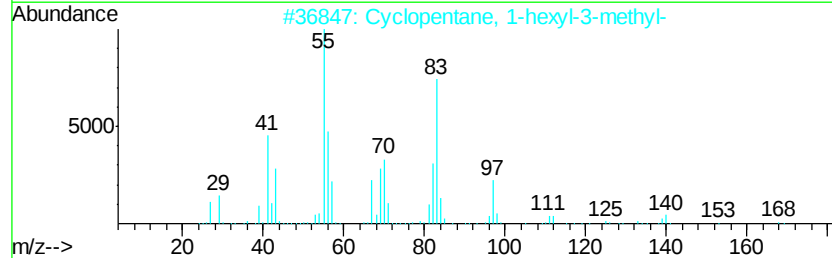
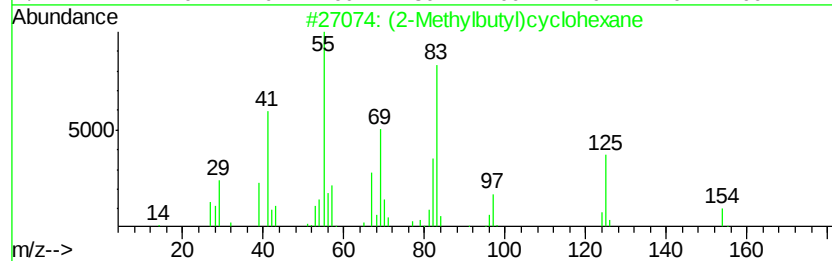
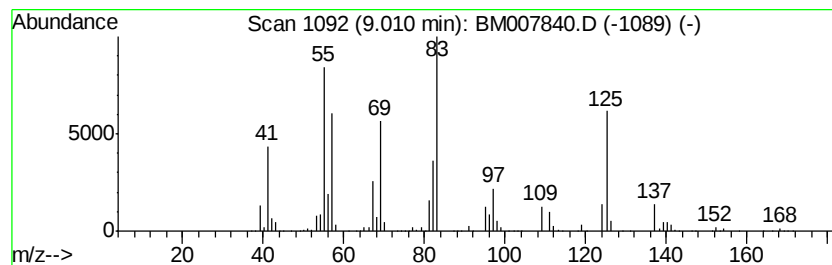
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Cyclic9.01 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	2.94 ng/ul	8662840	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	53
2			Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	49
3			Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	43
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	43
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
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ClientSampleId :
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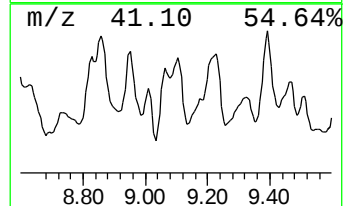
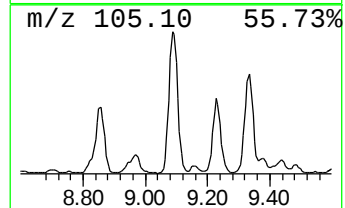
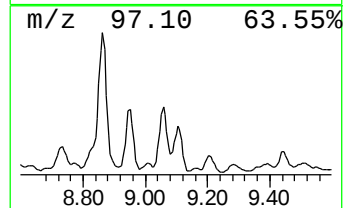
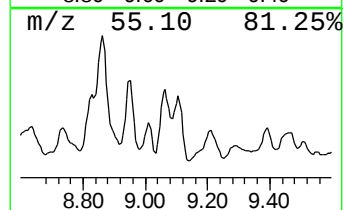
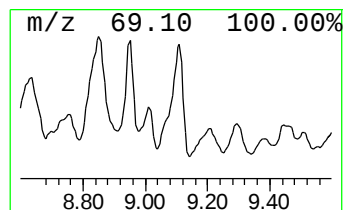
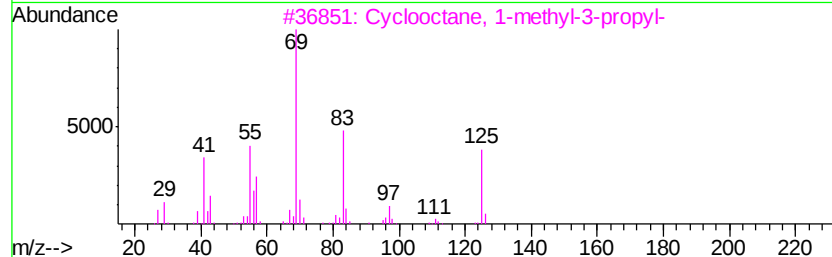
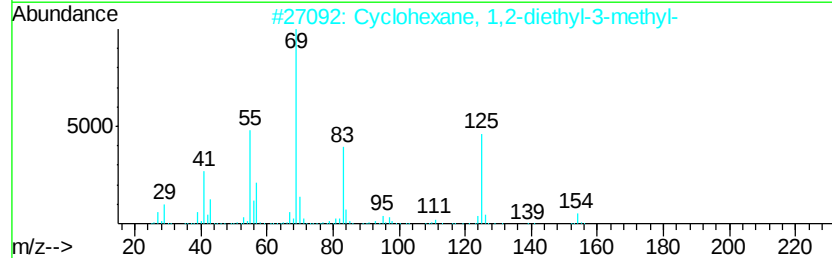
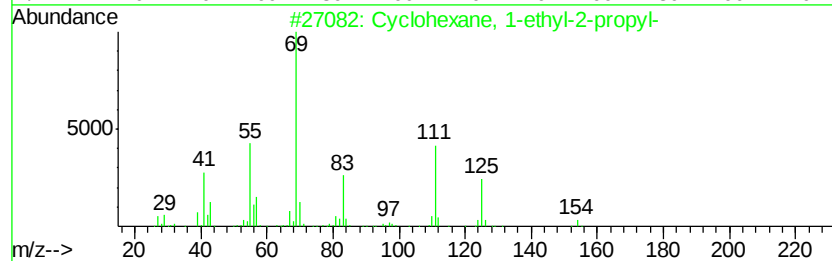
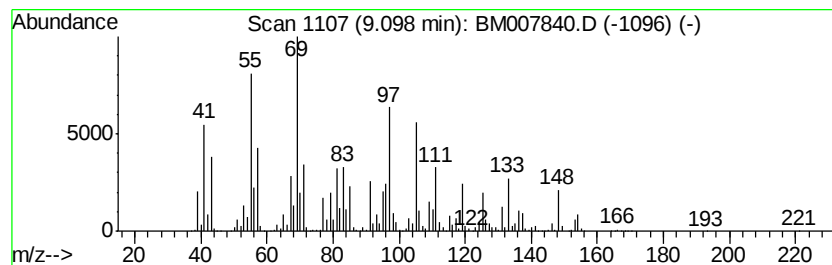
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 (DEL) Alkane: Cyclic9.10 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	16.60 ng/ul	48926300	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	49
2		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	38
3		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	35
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	27
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

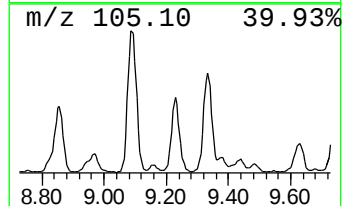
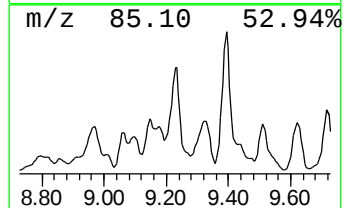
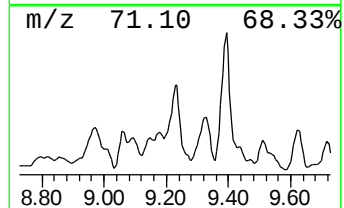
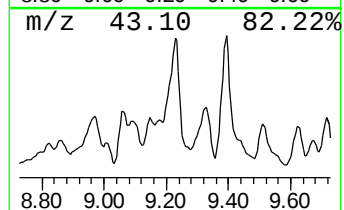
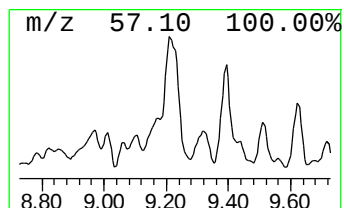
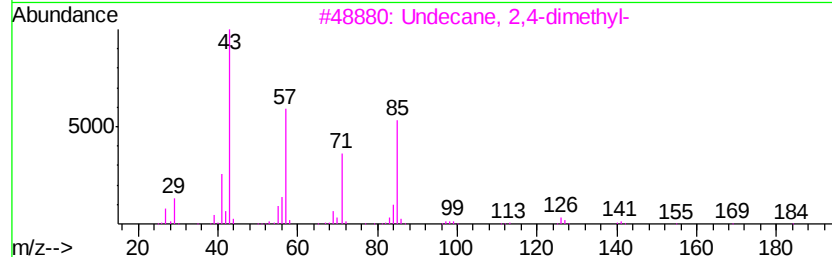
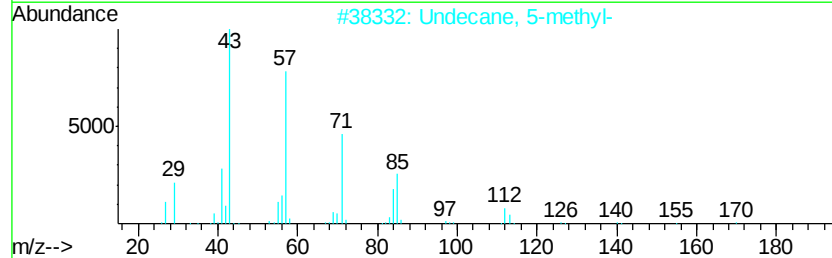
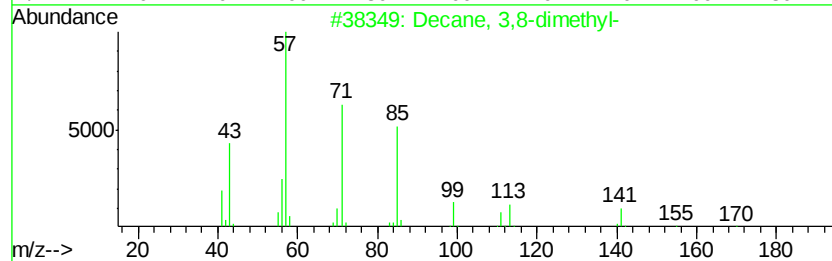
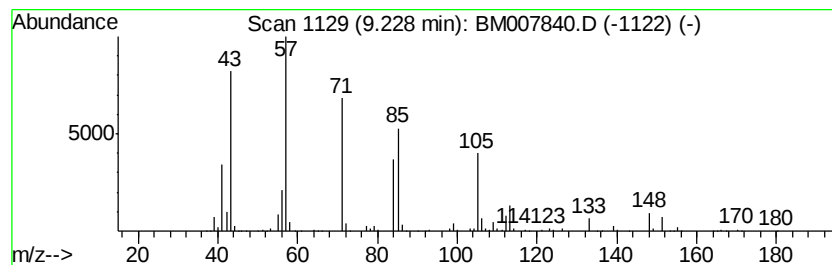
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	62.49 ng/ul	18990900	Napthalene-d8	10.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

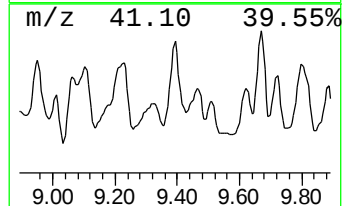
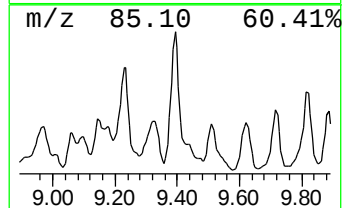
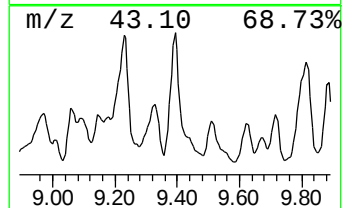
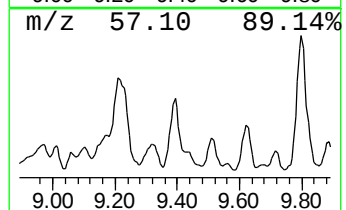
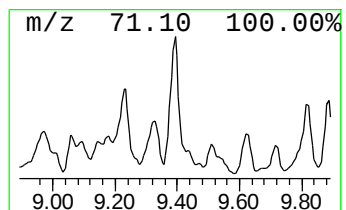
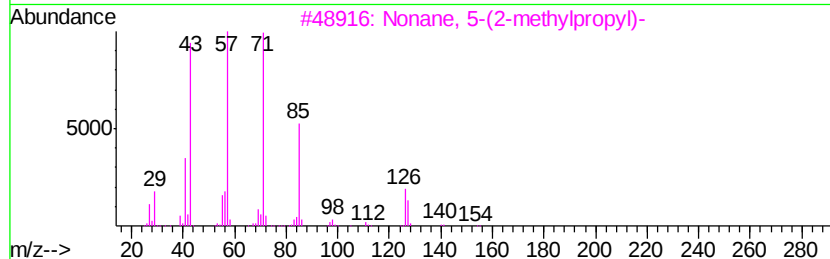
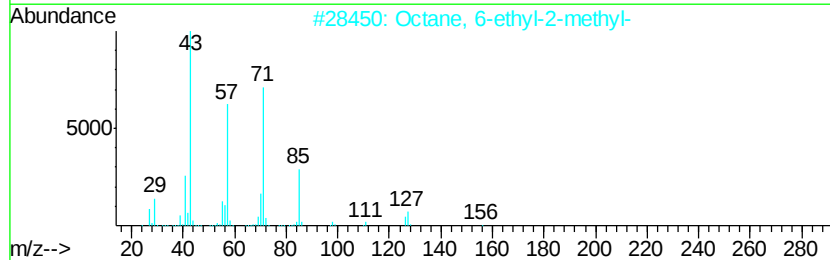
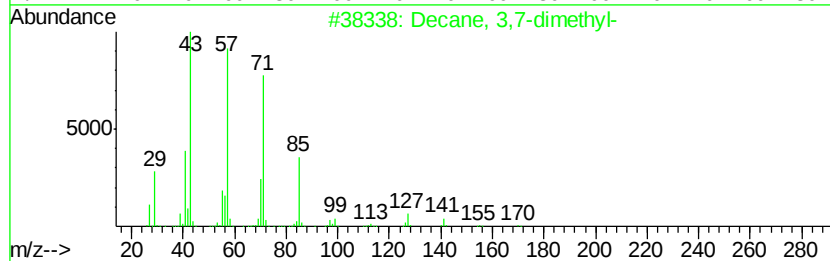
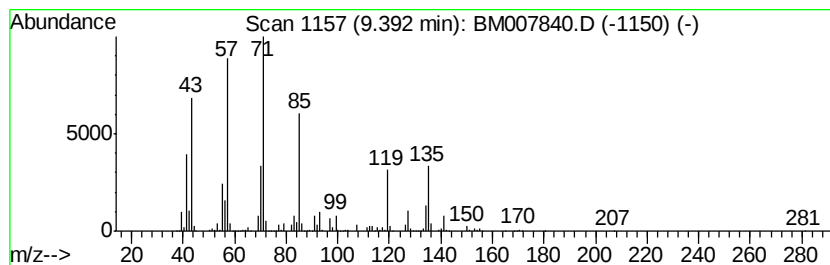
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	84.01 ng/ul	25528000	Napthalene-d8	10.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	89
2		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	52
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	46
5		2-Butene, 1-butoxy-3-methyl-	142	C9H18O	022094-02-6	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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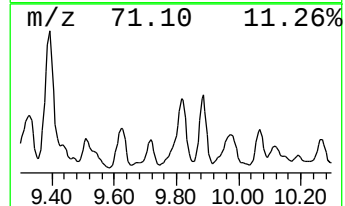
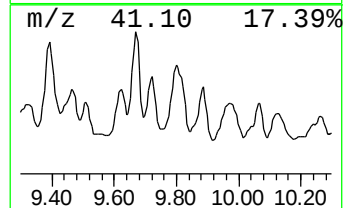
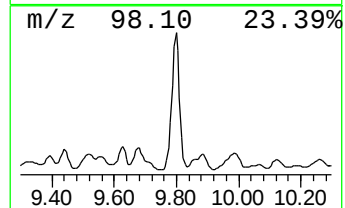
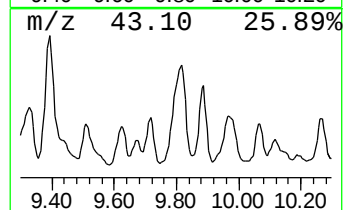
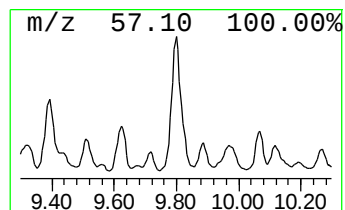
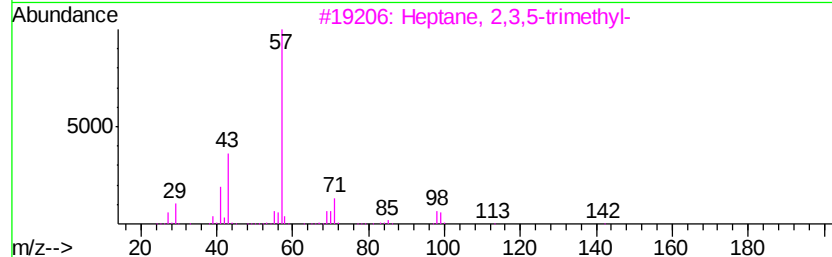
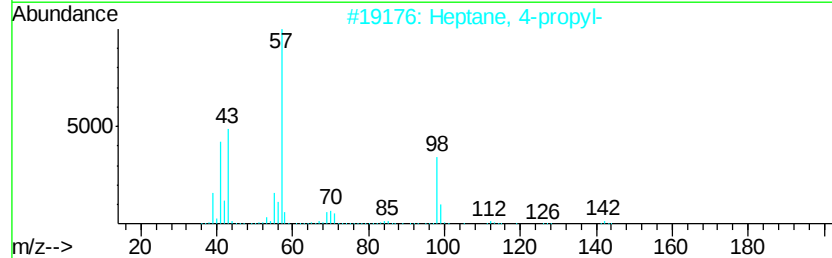
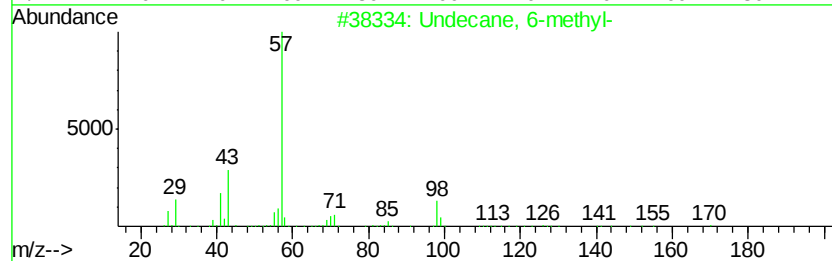
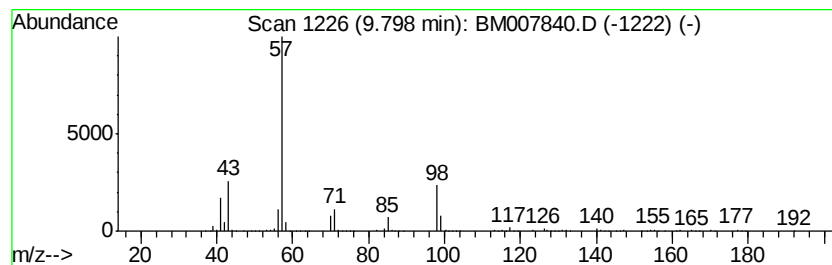
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	55.42 ng/ul	16840400	Napthalene-d8	10.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2		Heptane, 4-propyl-	142	C10H22	003178-29-8	59
3		Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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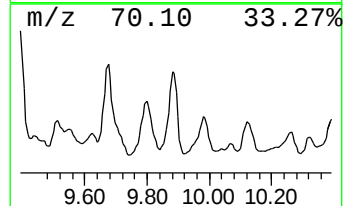
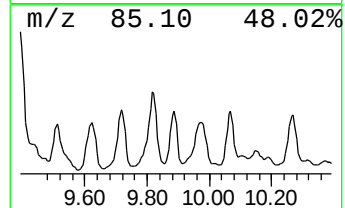
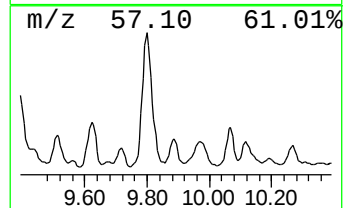
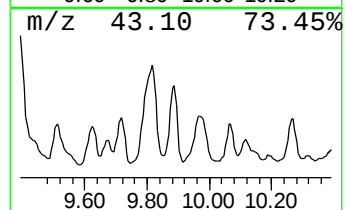
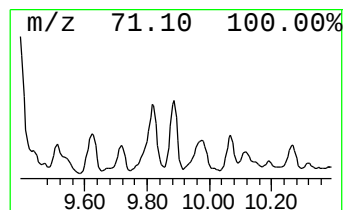
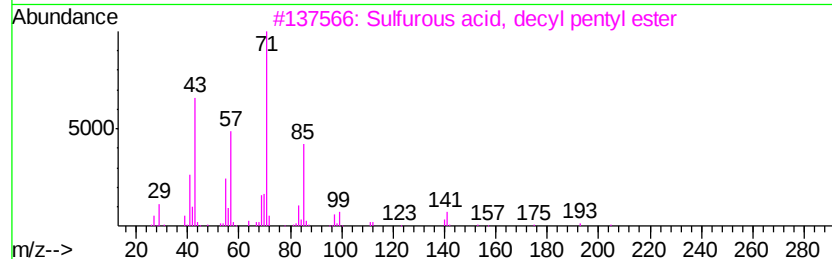
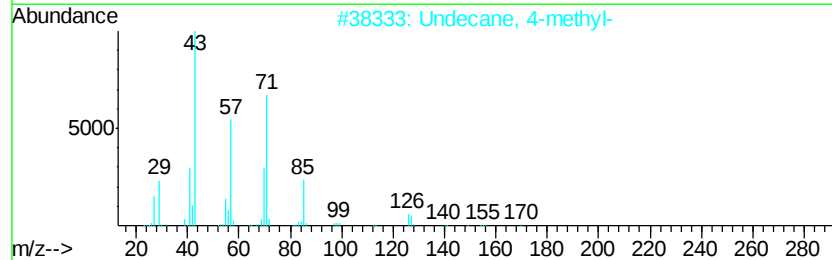
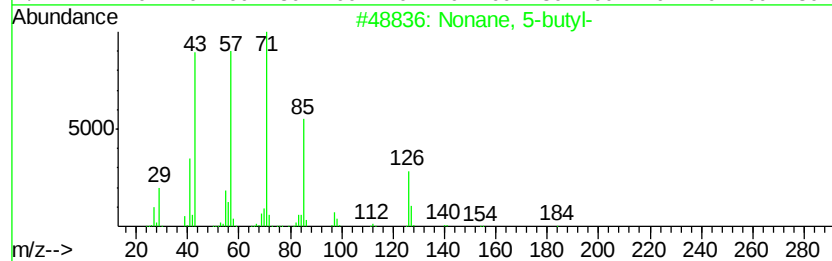
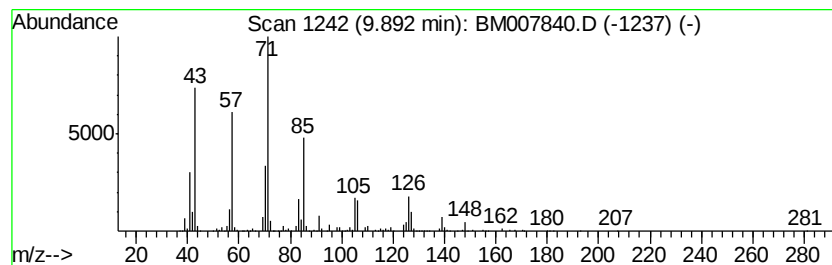
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	31.92 ng/ul	9698380	Naphthalene-d8	10.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
2		Undecane, 4-methyl-	170	C12H26	002980-69-0	58
3		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	53
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

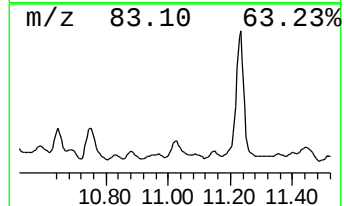
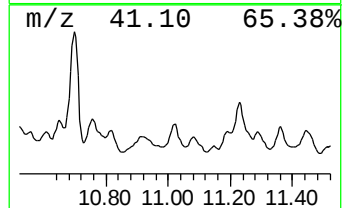
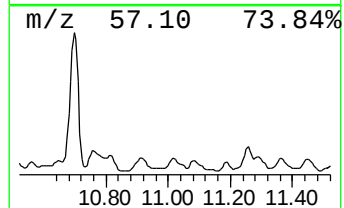
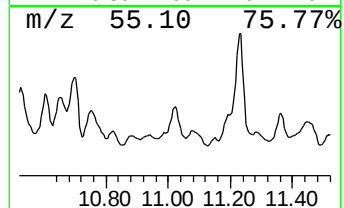
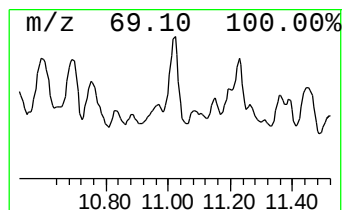
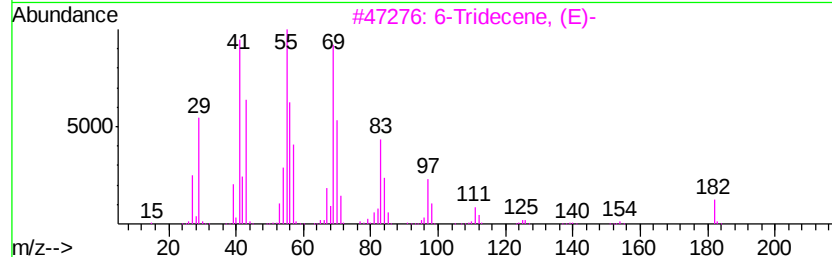
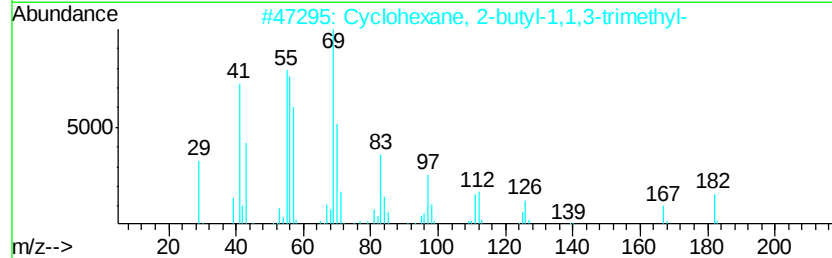
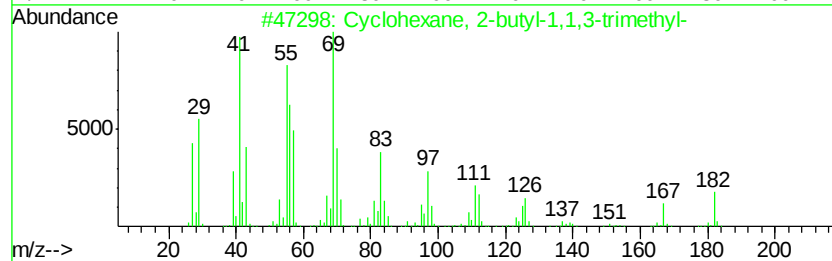
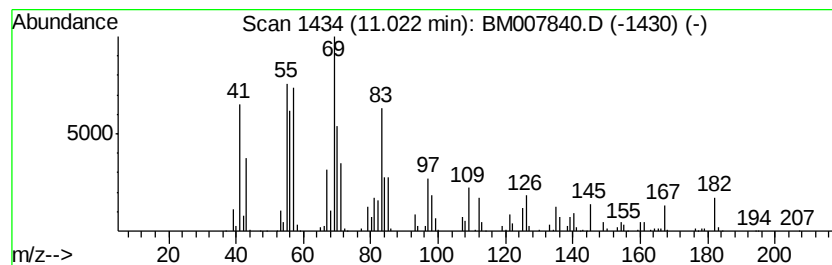
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Quant Title : SVOA CALIBRATION

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	16.36 ng/ul	4971630	Naphthalene-d8	10.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
3		6-Tridecene, (E)-	182	C13H26	006434-76-0	83
4		Cyclopentane, hexyl-	154	C11H22	004457-00-5	74
5		3-Tridecene, (Z)-	182	C13H26	041446-53-1	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

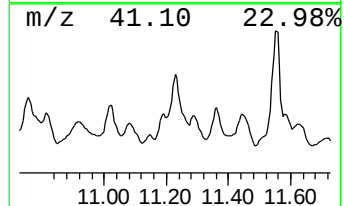
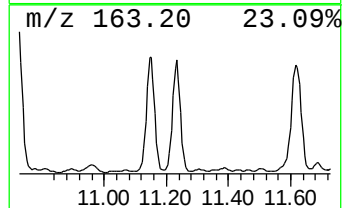
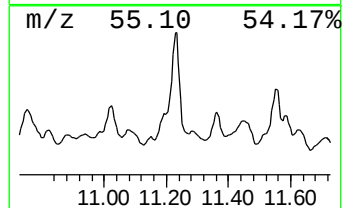
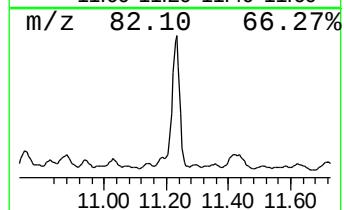
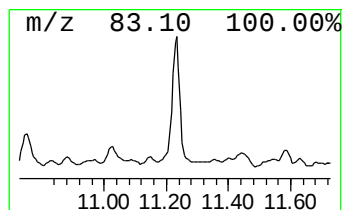
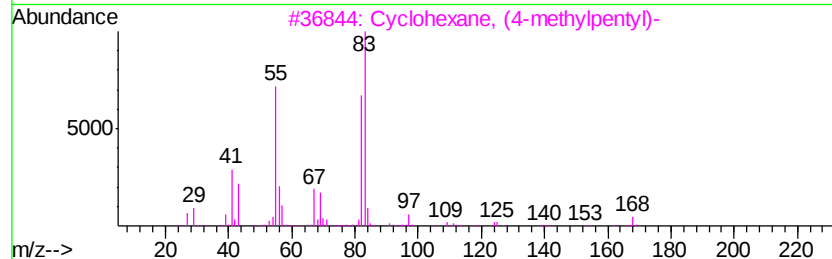
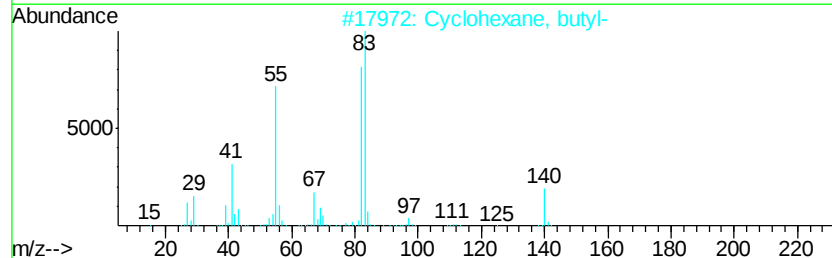
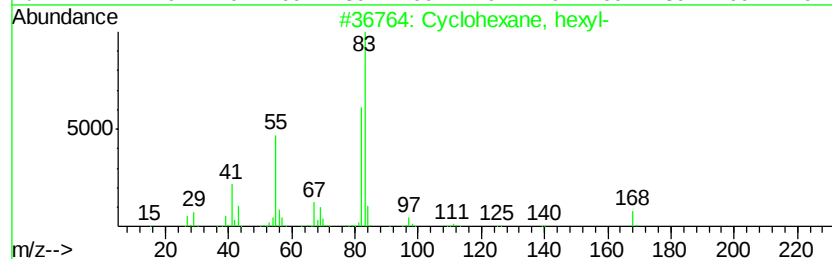
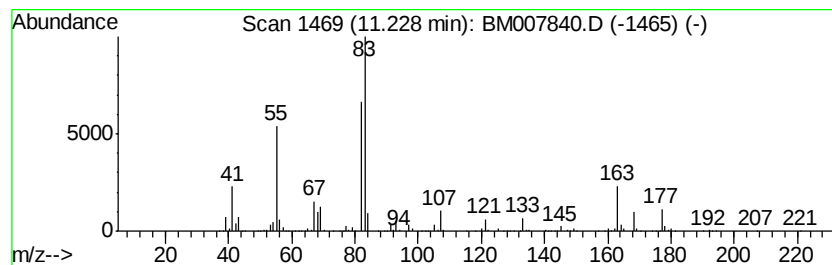
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Quant Title : SVOA CALIBRATION

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

Peak Number 63 (DEL) Alkane: Cyclic11.23 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	48.87 ng/ul	14851900	Napthalene-d8	10.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	76
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	62
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	59
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

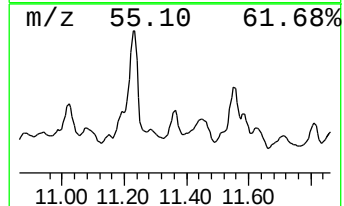
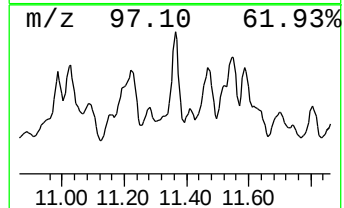
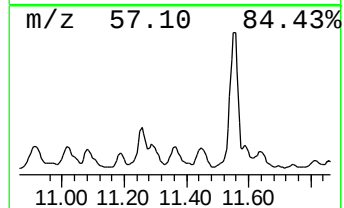
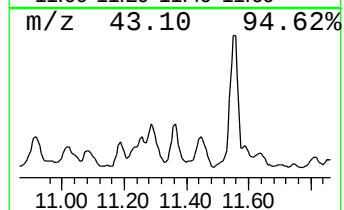
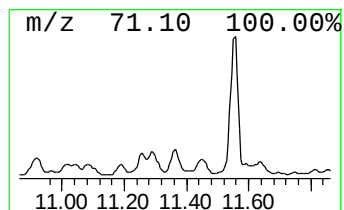
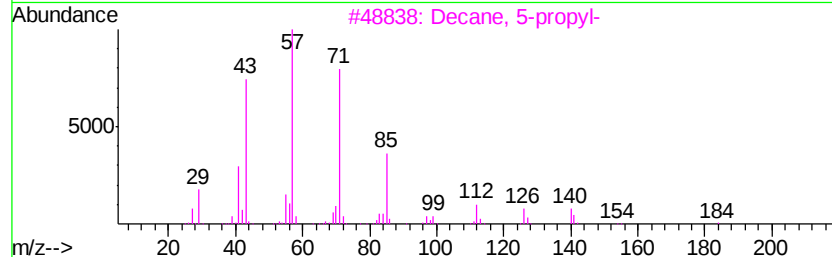
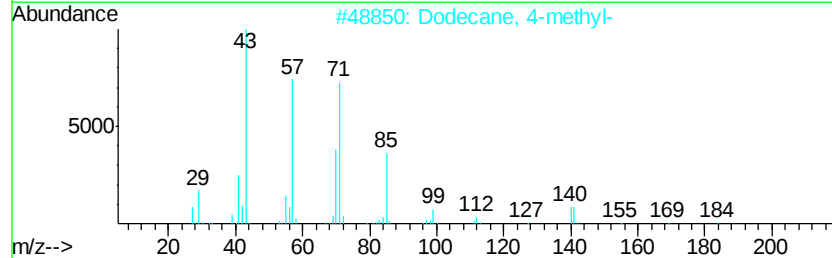
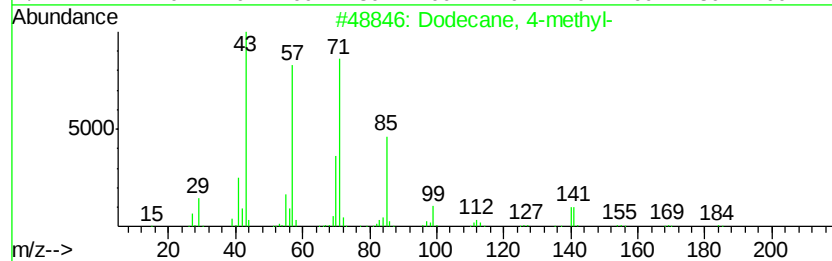
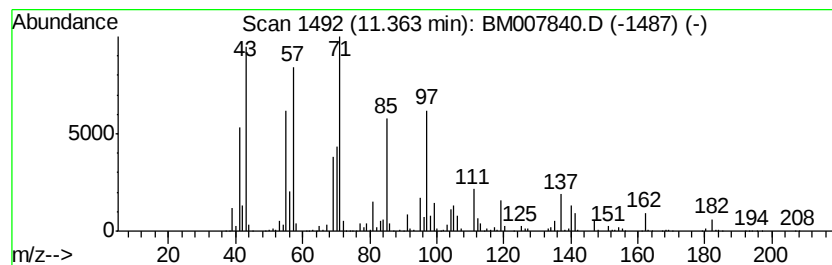
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Quant Title : SVOA CALIBRATION

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

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	20.98 ng/ul	6374600	Naphthalene-d8	10.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	96
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
3		Decane, 5-propyl-	184	C13H28	017312-62-8	46
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	35
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

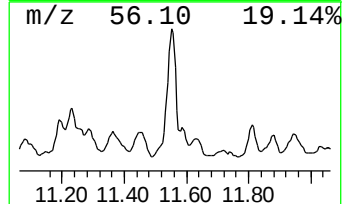
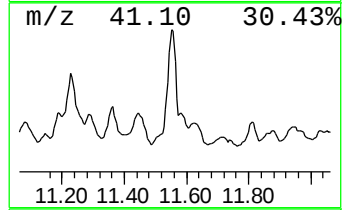
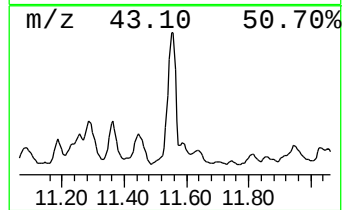
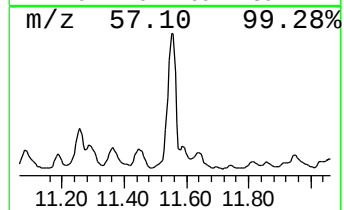
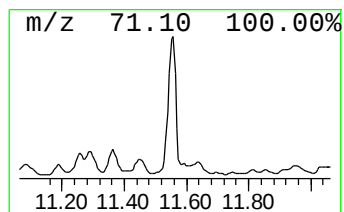
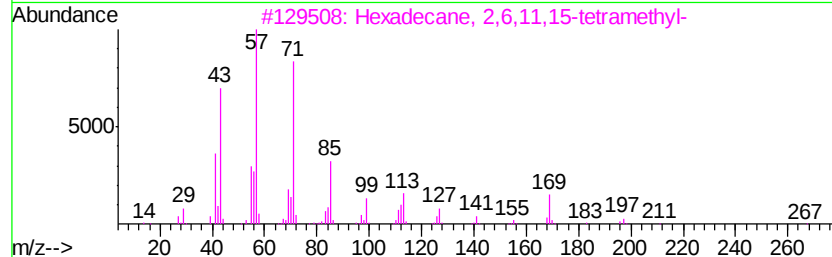
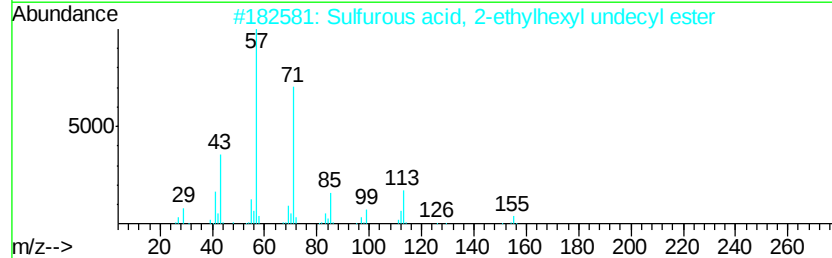
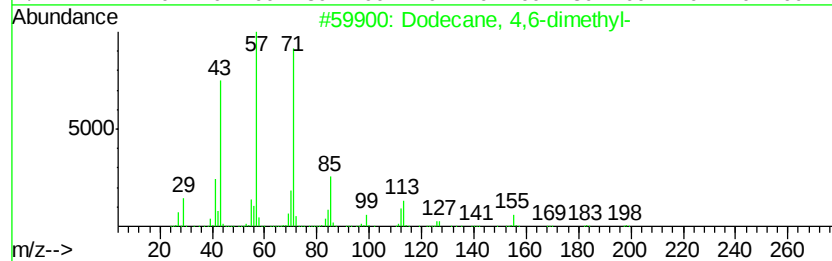
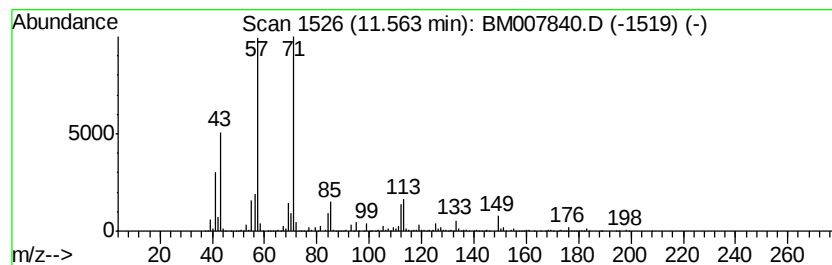
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Quant Title : SVOA CALIBRATION

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

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	61.57 ng/ul	18709600	Napthalene-d8	10.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
2		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M5

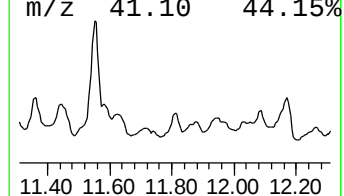
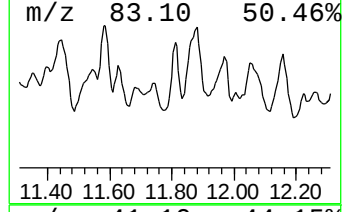
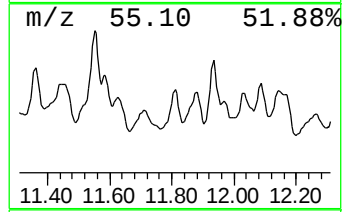
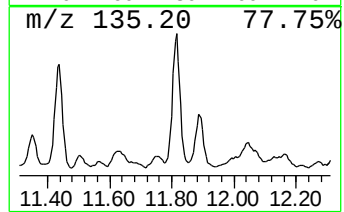
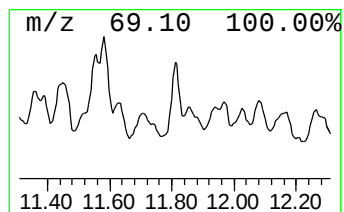
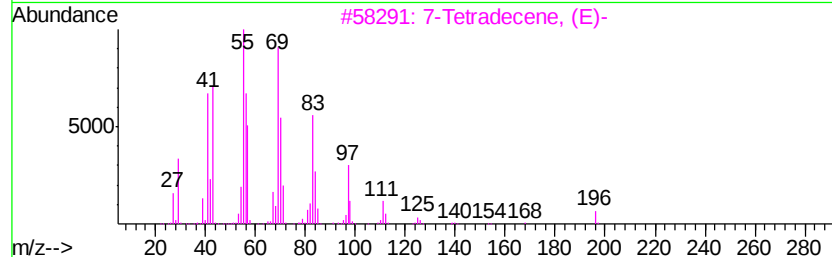
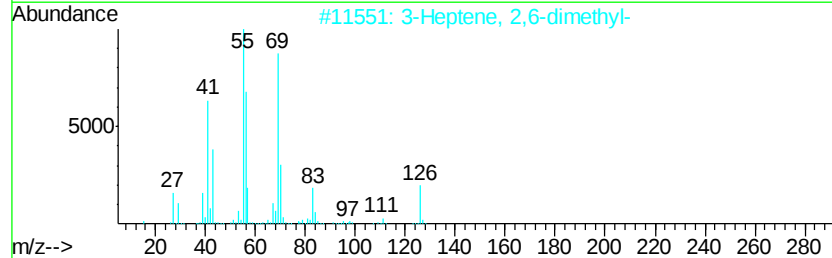
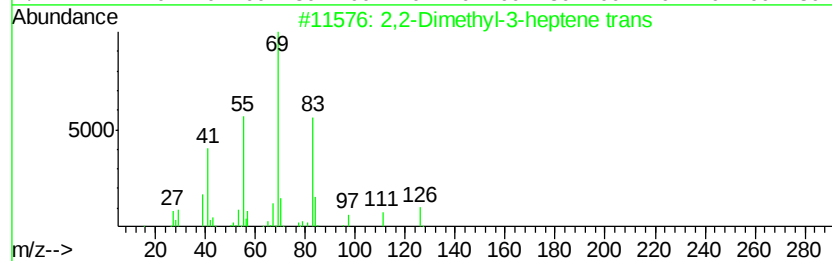
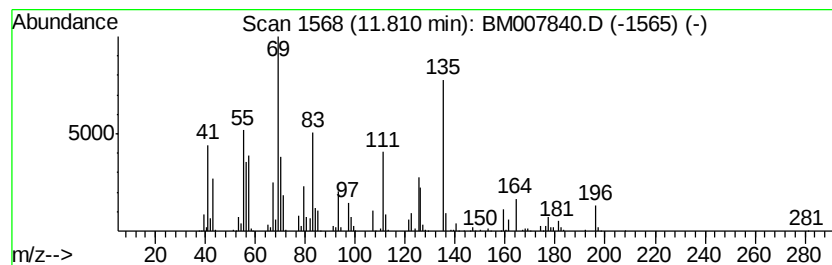
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Quant Title : SVOA CALIBRATION

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

Peak Number 67 (DEL) Alkane: Cyclic11.81 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	13.31 ng/ul	4044450	Napthalene-d8	10.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
2			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	35
3			7-Tetradecene, (E)-	196	C14H28	041446-63-3	27
4			1-Adamantanecarboxylic acid, 2-t...	362	C24H42O2	1000282-17-4	27
5			2-n-Butylthiolane, S,S-dioxide	176	C8H16O2S	071053-03-7	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BD4M5

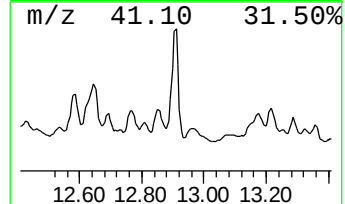
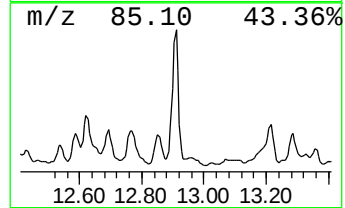
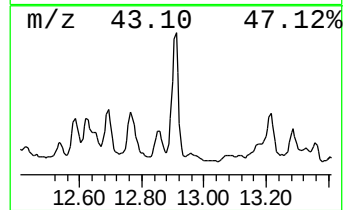
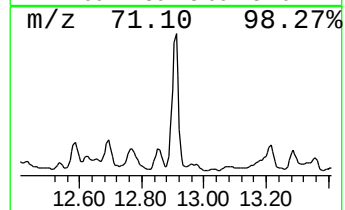
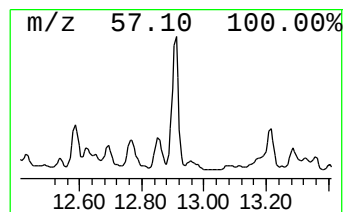
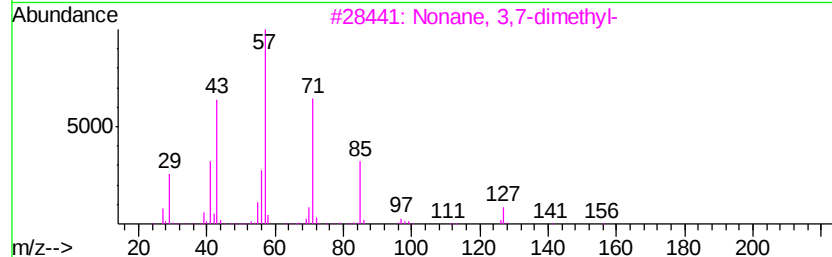
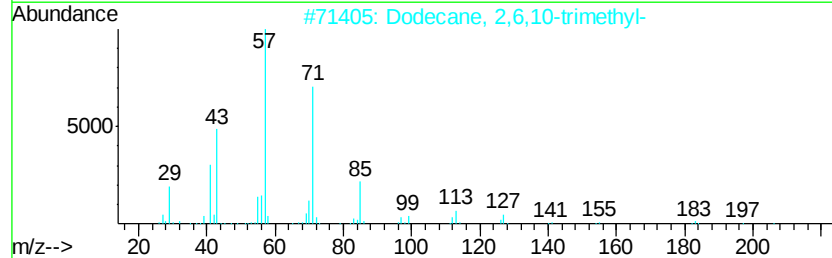
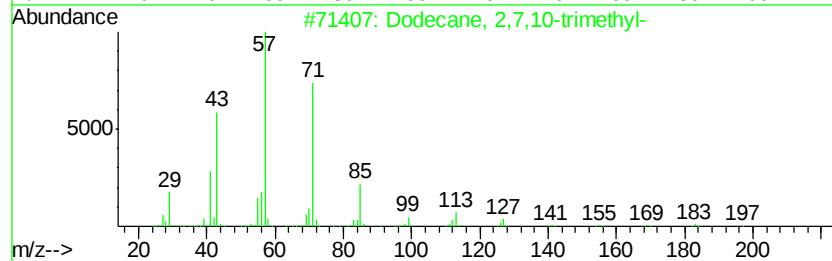
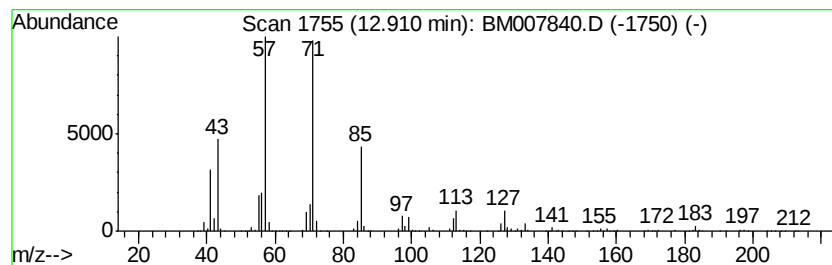
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Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	52.37 ng/ul	11322300	Acenaphthene-d10	14.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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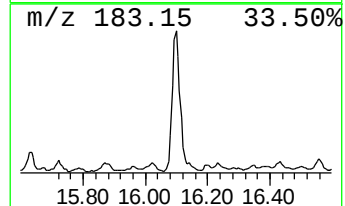
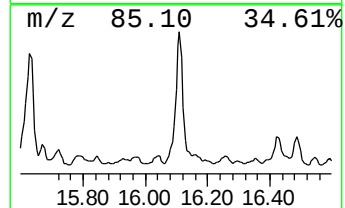
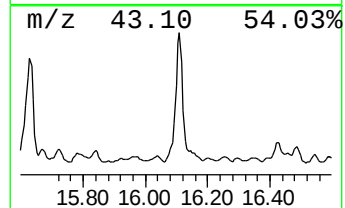
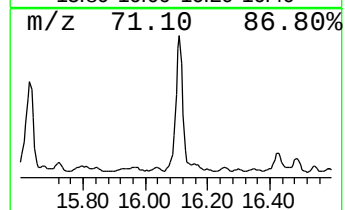
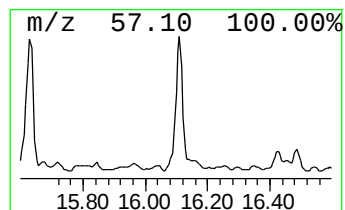
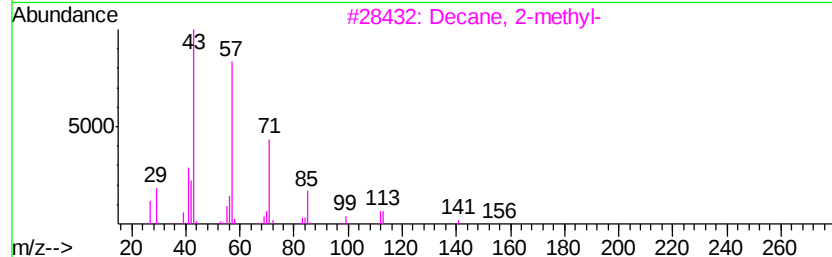
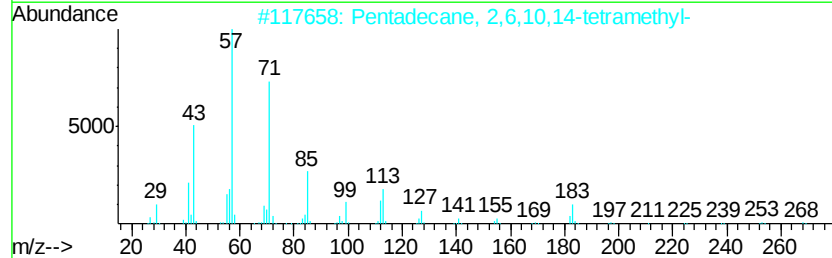
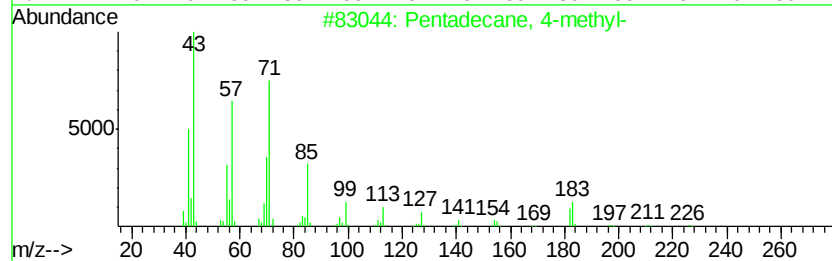
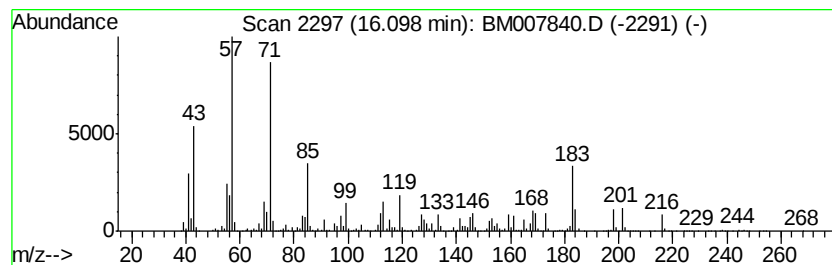
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Quant Title : SVOA CALIBRATION

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

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	25.30 ng/ul	9715480	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3		Decane, 2-methyl-	156	C11H24	006975-98-0	64
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007840.D
Acq On : 11 Nov 2016 23:41
Operator : UM/SJ
Sample : H5610-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BD4M5

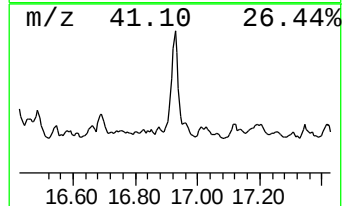
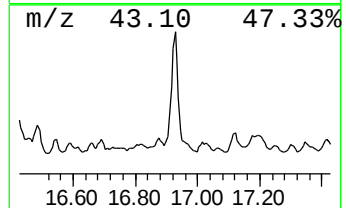
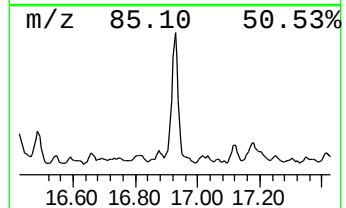
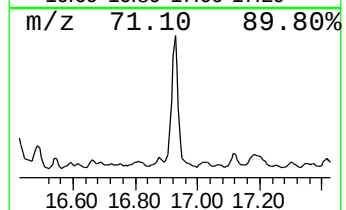
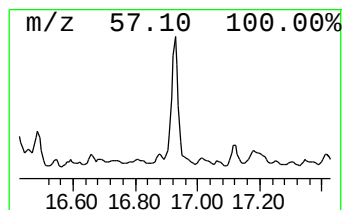
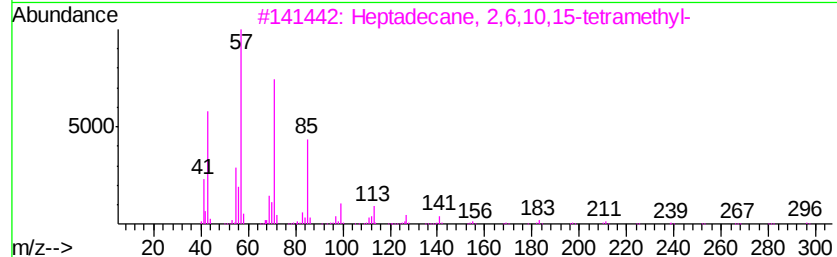
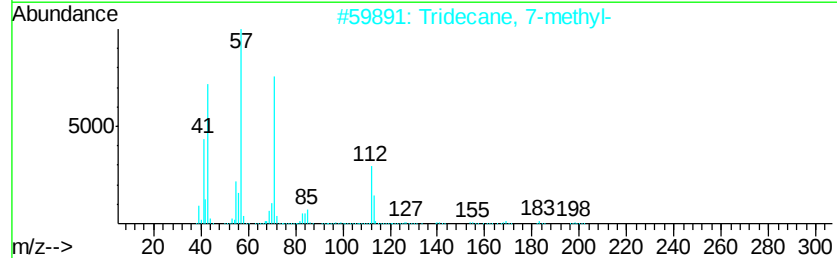
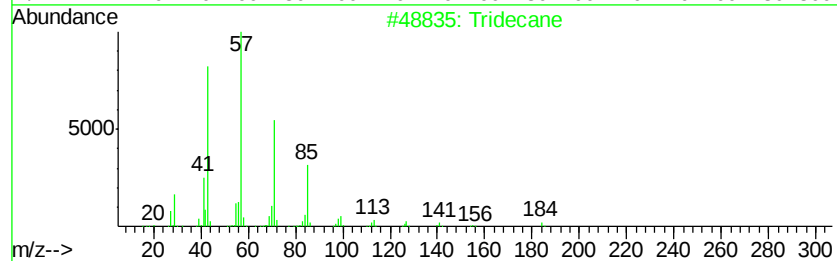
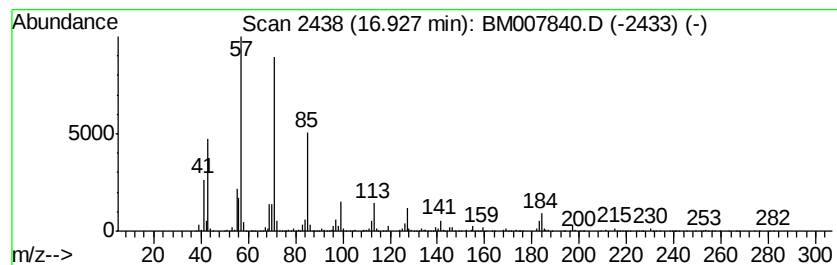
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Quant Title : SVOA CALIBRATION

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

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	14.21 ng/ul	5455010	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	87
5			Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
 Data File : BM007840.D
 Acq On : 11 Nov 2016 23:41
 Operator : UM/SJ
 Sample : H5610-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION

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

					--Internal Standard--				
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(DEL) Alkane: Str...	3.99	2.4	ng/ul	7080480	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	4.16	5.9	ng/ul	17391000	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	4.30	3.4	ng/ul	9970780	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	4.45	3.4	ng/ul	9907700	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	4.52	2.1	ng/ul	6254970	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	4.62	2.3	ng/ul	6757860	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	4.72	6.5	ng/ul	19099300	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	4.82	5.3	ng/ul	15767400	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	4.93	3.5	ng/ul	10312700	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	4.98	8.1	ng/ul	24004200	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	5.13	2.6	ng/ul	7554850	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	5.22	15.5	ng/ul	45658600	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	5.36	12.1	ng/ul	35699400	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	5.46	4.0	ng/ul	11635000	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	5.57	5.1	ng/ul	15057400	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	5.65	8.6	ng/ul	25424800	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	5.73	8.5	ng/ul	25085700	1	7.76	58959800	20.0	
Cyclopentane, 1,1...	5.79	6.7	ng/ul	19704400	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	5.86	4.5	ng/ul	13417200	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	5.95	2.9	ng/ul	8631300	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	6.04	24.3	ng/ul	71546300	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	6.16	12.5	ng/ul	36871600	1	7.76	58959800	20.0	
unknown-01	6.26	17.9	ng/ul	52878200	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	6.34	11.2	ng/ul	32897200	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	6.42	19.6	ng/ul	57713100	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	6.53	4.0	ng/ul	11884100	1	7.76	58959800	20.0	
Zinc, bis[2-(1,1-...	6.59	4.9	ng/ul	14495600	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	6.66	14.2	ng/ul	41902600	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	6.77	21.1	ng/ul	62260100	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	6.82	2.1	ng/ul	6253540	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	6.86	4.2	ng/ul	12322000	1	7.76	58959800	20.0	
Bicyclo[3.1.0]hex...	7.15	4.0	ng/ul	11850400	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	7.19	4.9	ng/ul	14409800	1	7.76	58959800	20.0	
unknown-02	7.41	2.6	ng/ul	7697980	1	7.76	58959800	20.0	
Sulfurous acid, d...	7.47	3.7	ng/ul	10854200	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	7.57	6.2	ng/ul	18160900	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	7.67	11.5	ng/ul	33865300	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	7.83	7.7	ng/ul	22830300	1	7.76	58959800	20.0	
Cyclohexene, 3-me...	7.90	3.7	ng/ul	10918900	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	7.95	6.0	ng/ul	17782300	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	8.05	8.2	ng/ul	24299900	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	8.10	4.4	ng/ul	12971200	1	7.76	58959800	20.0	
1-Decanol, 2-octyl-	8.19	3.4	ng/ul	10008500	1	7.76	58959800	20.0	
Hexane, 1-(hexylo...	8.29	12.4	ng/ul	36455200	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	8.35	5.4	ng/ul	15861000	1	7.76	58959800	20.0	
(DEL) Alkane: Str...	8.52	3.1	ng/ul	9064200	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	8.73	2.1	ng/ul	6315060	1	7.76	58959800	20.0	
(DEL) Alkane: Cyc...	9.01	2.9	ng/ul	8662840	1	7.76	58959800	20.0	

(DEL)	Alkane: Cyc...	9.10	16.6	ng/ul	48926300	1	7.76	58959800	20.0
(DEL)	Alkane: Str...	9.23	62.5	ng/ul	18990900	2	10.54	6077600	20.0
(DEL)	Alkane: Str...	9.39	84.0	ng/ul	25528000	2	10.54	6077600	20.0
(DEL)	Alkane: Str...	9.80	55.4	ng/ul	16840400	2	10.54	6077600	20.0
(DEL)	Alkane: Str...	9.89	31.9	ng/ul	9698380	2	10.54	6077600	20.0
(DEL)	Alkane: Str...	11.02	16.4	ng/ul	4971630	2	10.54	6077600	20.0
(DEL)	Alkane: Cyc...	11.23	48.9	ng/ul	14851900	2	10.54	6077600	20.0
(DEL)	Alkane: Str...	11.36	21.0	ng/ul	6374600	2	10.54	6077600	20.0
(DEL)	Alkane: Str...	11.56	61.6	ng/ul	18709600	2	10.54	6077600	20.0
(DEL)	Alkane: Cyc...	11.81	13.3	ng/ul	4044450	2	10.54	6077600	20.0
(DEL)	Alkane: Str...	12.91	52.4	ng/ul	11322300	3	14.38	4323860	20.0
(DEL)	Alkane: Str...	16.10	25.3	ng/ul	9715480	4	17.12	7679930	20.0
(DEL)	Alkane: Str...	16.93	14.2	ng/ul	5455010	4	17.12	7679930	20.0

Instrument :
 BNA_M
ClientSampleId :
 BD4M5