

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012821.D
 Acq On : 08 Nov 2017 15:10
 Operator : SJ/JU
 Sample : I6175-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-79(5-6)-102617

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.757	274	284	290	rVB	460442	761301	5.42%	0.319%
2	4.851	295	300	306	rVV	911251	1456138	10.36%	0.611%
3	4.916	306	311	315	rVV3	373301	683741	4.87%	0.287%
4	4.963	315	319	323	rVV	768473	1102002	7.84%	0.462%
5	5.016	323	328	334	rVV2	777807	1309262	9.32%	0.549%
6	5.251	364	368	377	rVB	813154	1284104	9.14%	0.538%
7	5.616	420	430	436	rBV2	477768	881522	6.27%	0.370%
8	5.687	436	442	446	rBV3	681166	1248072	8.88%	0.523%
9	5.763	450	455	460	rVV	1139574	1880254	13.38%	0.788%
10	5.834	462	467	474	rVB	889326	1489325	10.60%	0.624%
11	5.904	474	479	488	rBV	592995	959616	6.83%	0.402%
12	6.081	501	509	516	rBV4	1567637	4119161	29.31%	1.727%
13	6.181	523	526	535	rVB4	498298	1258486	8.95%	0.528%
14	6.292	540	545	553	rBV3	1803084	4605327	32.77%	1.931%
15	6.363	553	557	561	rBV2	628832	862990	6.14%	0.362%
16	6.445	561	571	584	rVV4	3737858	9758464	69.44%	4.092%
17	6.563	586	591	596	rVB2	953402	1574367	11.20%	0.660%
18	6.622	596	601	607	rVB4	1088961	1872911	13.33%	0.785%
19	6.704	607	615	620	rVB3	936092	2047389	14.57%	0.858%
20	6.792	621	630	636	rBV5	819173	2253746	16.04%	0.945%
21	6.898	643	648	651	rBV3	815751	1259493	8.96%	0.528%
22	6.945	651	656	672	rVB4	3726823	8784086	62.50%	3.683%
23	7.087	675	680	683	rBV	625331	1023396	7.28%	0.429%
24	7.134	683	688	693	rVB3	1591519	2913378	20.73%	1.222%
25	7.187	693	697	701	rBV3	1556525	2362467	16.81%	0.991%
26	7.228	701	704	707	rVV2	935743	1219957	8.68%	0.512%
27	7.292	707	715	719	rVV	3148717	5767397	41.04%	2.418%
28	7.339	719	723	724	rVV3	908280	1368017	9.73%	0.574%
29	7.363	724	727	738	rVB	2622627	5725277	40.74%	2.400%
30	7.457	738	743	745	rBV2	618996	1005996	7.16%	0.422%
31	7.522	750	754	759	rVB4	1420336	2421585	17.23%	1.015%
32	7.569	759	762	765	rBV	564129	637270	4.53%	0.267%
33	7.616	765	770	777	rBV6	940186	2331771	16.59%	0.978%
34	7.704	780	785	787	rBV4	1239242	1985948	14.13%	0.833%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Sampling : 1
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 Stop Thrs : 0

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

35	7.875	808	814	819	rVB3	1302788	2318644	16.50%	0.972%
36	7.928	819	823	828	rBV5	757533	1808437	12.87%	0.758%
37	7.992	828	834	838	rVV2	2862661	4679470	33.30%	1.962%
38	8.034	838	841	844	rVV4	1232060	1930285	13.73%	0.809%
39	8.092	846	851	857	rVV2	3967481	6897957	49.08%	2.892%
40	8.151	857	861	868	rVB2	1338406	2601899	18.51%	1.091%
41	8.239	872	876	881	rVB3	790164	1358131	9.66%	0.569%
42	8.298	881	886	889	rBV3	945499	1631694	11.61%	0.684%
43	8.357	890	896	906	rVB3	2022407	4665963	33.20%	1.956%
44	8.498	913	920	925	rBV6	790207	1759214	12.52%	0.738%
45	8.592	929	936	938	rBV6	379435	740596	5.27%	0.311%
46	8.633	938	943	948	rBV	2941623	4844890	34.47%	2.031%
47	8.786	964	969	978	rVV6	623269	1861956	13.25%	0.781%
48	8.910	978	990	995	rVV4	6608083	14053870	100.00%	5.892%
49	8.998	999	1005	1012	rVV5	2476365	5705287	40.60%	2.392%
50	9.063	1013	1016	1020	rVB3	1058179	1488362	10.59%	0.624%
51	9.116	1020	1025	1027	rBV2	1777835	2978406	21.19%	1.249%
52	9.151	1028	1031	1038	rVB5	2141927	4252089	30.26%	1.783%
53	9.257	1039	1049	1057	rBV6	1012904	3203399	22.79%	1.343%
54	9.428	1073	1078	1083	rBV	1716426	2497141	17.77%	1.047%
55	9.516	1087	1093	1098	rVB2	1785770	3094522	22.02%	1.297%
56	9.680	1115	1121	1124	rBV2	1599710	2705373	19.25%	1.134%
57	9.722	1124	1128	1132	rVB	1837799	2611894	18.58%	1.095%
58	9.780	1132	1138	1146	rBV6	2944448	5769178	41.05%	2.419%
59	9.998	1169	1175	1180	rBV3	2839174	5100359	36.29%	2.138%
60	10.180	1200	1206	1209	rBV6	724477	1476908	10.51%	0.619%
61	10.222	1210	1213	1220	rVB4	658712	1052899	7.49%	0.441%
62	10.292	1220	1225	1234	rBV2	1020332	2195917	15.62%	0.921%
63	10.486	1256	1258	1265	rVB2	451007	814315	5.79%	0.341%
64	10.586	1265	1275	1280	rBV4	1074953	3457891	24.60%	1.450%
65	10.710	1292	1296	1301	rBV5	637511	1250278	8.90%	0.524%
66	10.810	1309	1313	1322	rVB3	586890	1043308	7.42%	0.437%
67	10.963	1334	1339	1344	rBV4	370727	790022	5.62%	0.331%
68	11.251	1384	1388	1391	rBV3	448232	778793	5.54%	0.327%
69	11.422	1413	1417	1424	rVV7	290263	643300	4.58%	0.270%
70	11.498	1425	1430	1438	rVB9	341444	1101459	7.84%	0.462%
71	11.616	1445	1450	1454	rBV	2367954	3567194	25.38%	1.496%

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72	11.698	1460	1464	1469	rVB6	403225	783922	5.58%	0.329%
73	11.780	1474	1478	1486	rVB3	447793	849216	6.04%	0.356%
74	12.216	1549	1552	1563	rVB9	546660	1268478	9.03%	0.532%
75	12.710	1633	1636	1643	rVB	514912	827131	5.89%	0.347%
76	12.974	1676	1681	1686	rVB	2308154	3193711	22.72%	1.339%
77	13.286	1730	1734	1737	rVV3	503663	637545	4.54%	0.267%
78	13.757	1810	1814	1820	rBV	443655	711804	5.06%	0.298%
79	13.851	1825	1830	1834	rVV	1130728	1726054	12.28%	0.724%
80	13.921	1834	1842	1846	rVB2	2885593	4319308	30.73%	1.811%
81	14.133	1874	1878	1883	rVB	1457058	1946585	13.85%	0.816%
82	14.274	1898	1902	1908	rVB3	397200	717103	5.10%	0.301%
83	14.410	1921	1925	1927	rBV	549013	774897	5.51%	0.325%
84	14.439	1927	1930	1937	rVB2	1172892	1772937	12.62%	0.743%
85	14.657	1963	1967	1975	rVB2	510946	1192839	8.49%	0.500%
86	14.839	1994	1998	2003	rVB	628094	824294	5.87%	0.346%
87	14.963	2015	2019	2031	rVB3	717334	1163203	8.28%	0.488%
88	15.433	2094	2099	2103	rVB	1630260	2203294	15.68%	0.924%
89	15.568	2119	2122	2132	rVB6	307784	772457	5.50%	0.324%
90	15.698	2133	2144	2150	rBV	1837822	3164388	22.52%	1.327%
91	16.174	2218	2225	2230	rBV	2148981	3444051	24.51%	1.444%
92	16.998	2360	2365	2375	rVB	1189411	1978943	14.08%	0.830%
93	17.186	2392	2397	2401	rBV2	1258190	1868517	13.30%	0.783%
94	17.227	2401	2404	2408	rVV	565138	791887	5.63%	0.332%
95	17.286	2409	2414	2423	rVB	1622008	2412873	17.17%	1.012%
96	19.297	2751	2756	2761	rVB	2277480	2661860	18.94%	1.116%
97	19.574	2799	2803	2812	rBV	1635658	2544374	18.10%	1.067%
98	21.362	3103	3107	3112	rBV	1170416	1428138	10.16%	0.599%
99	23.497	3464	3470	3477	rVB2	1135717	2077162	14.78%	0.871%
100	23.644	3489	3495	3505	rVB	785744	1502494	10.69%	0.630%

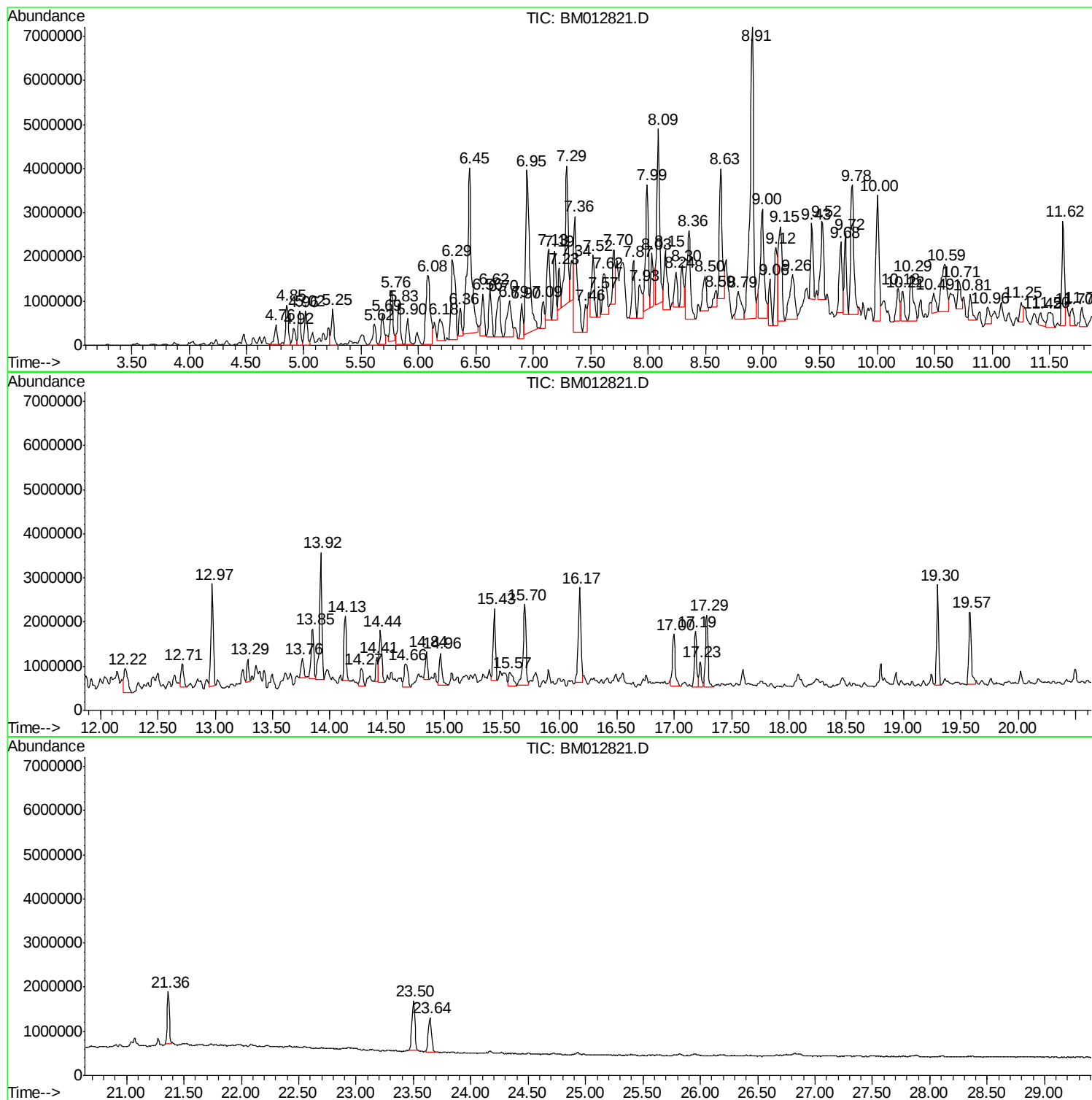
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Instrument :
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B-79(5-6)-102617

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

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



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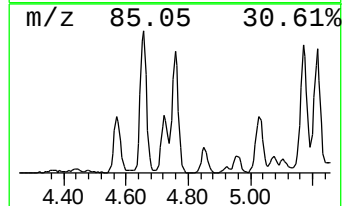
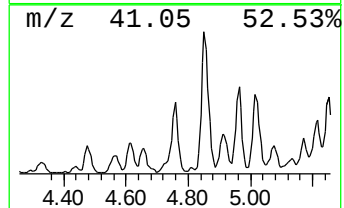
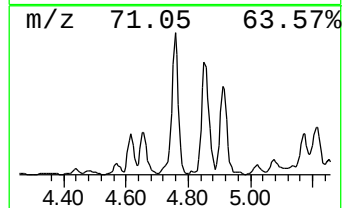
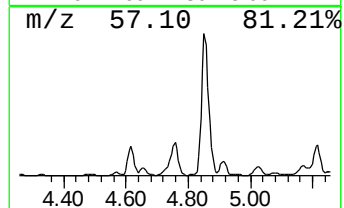
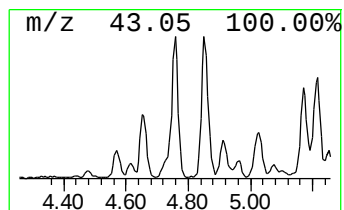
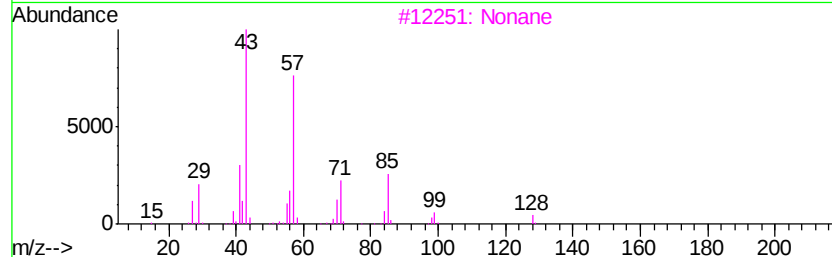
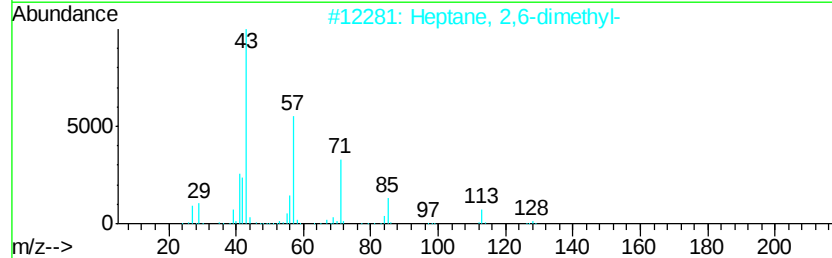
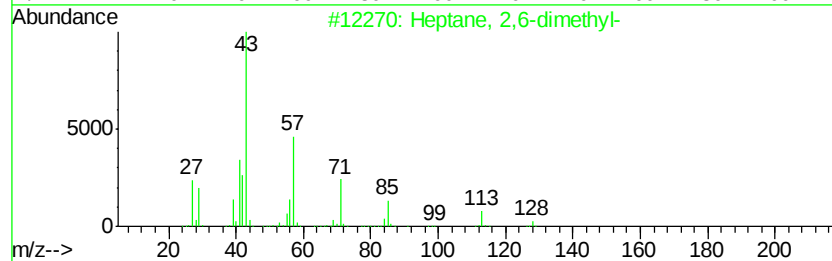
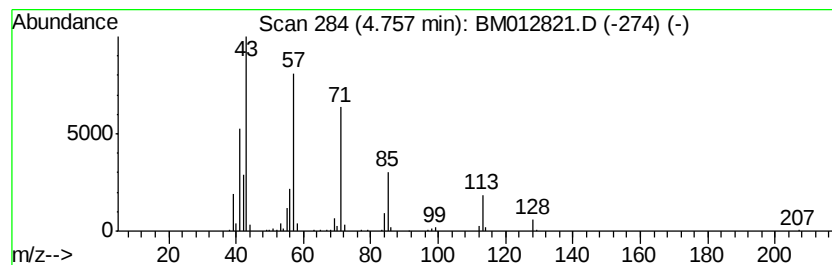
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	6.57 ng/ul	761301	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3		Nonane	128	C9H20	000111-84-2	58
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5		Octane, 2-methyl-	128	C9H20	003221-61-2	52



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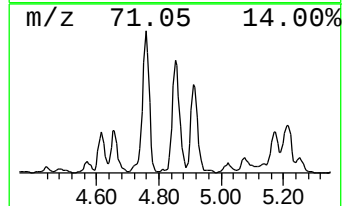
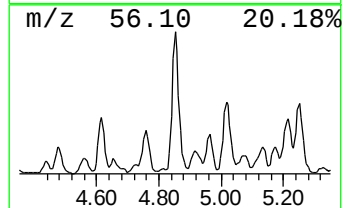
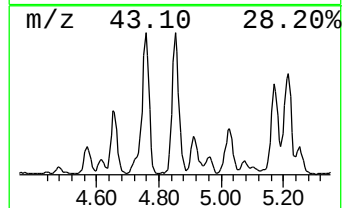
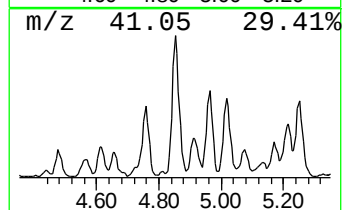
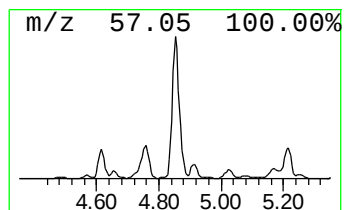
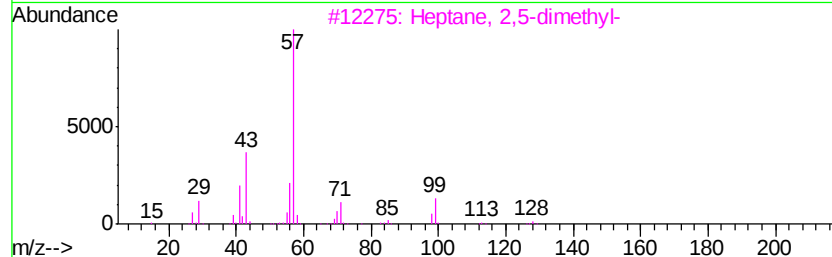
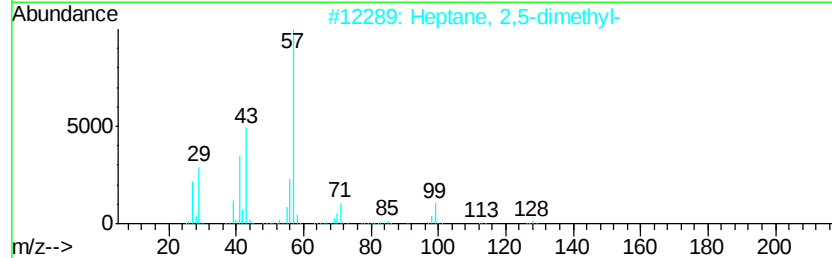
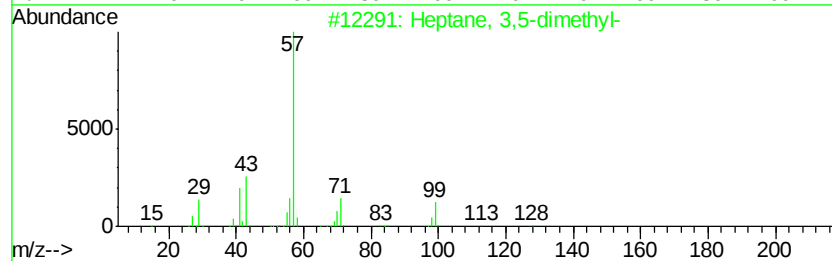
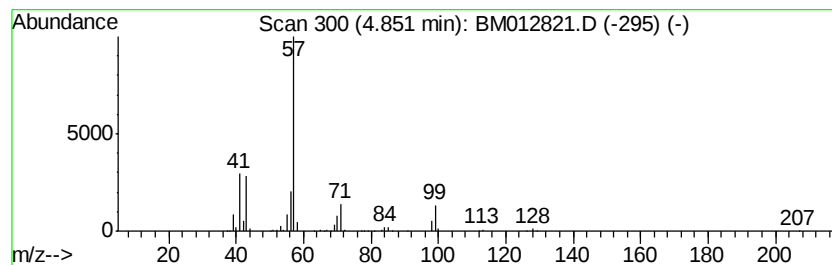
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	12.56 ng/ul	1456140	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87



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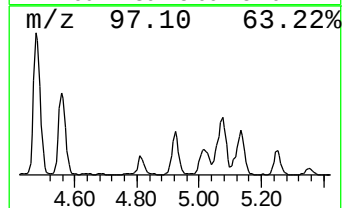
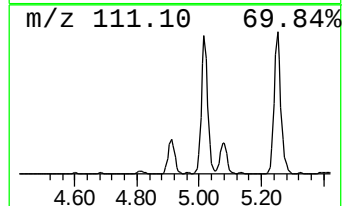
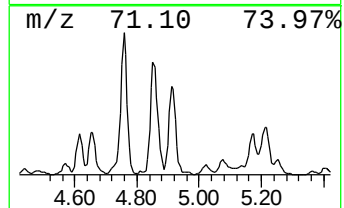
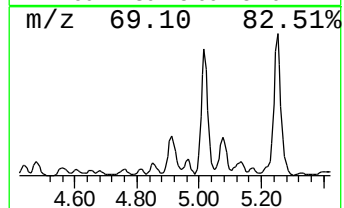
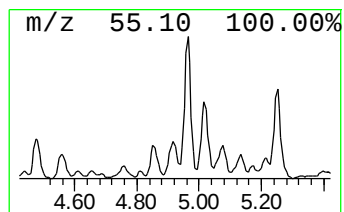
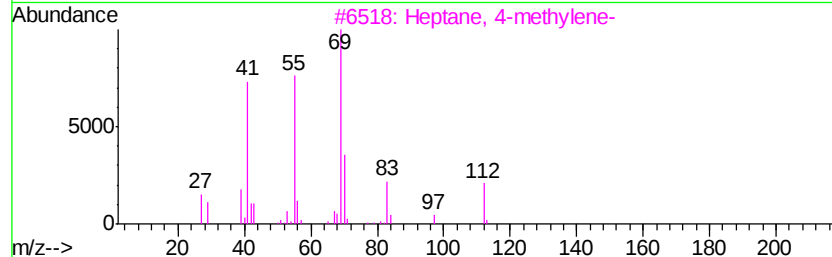
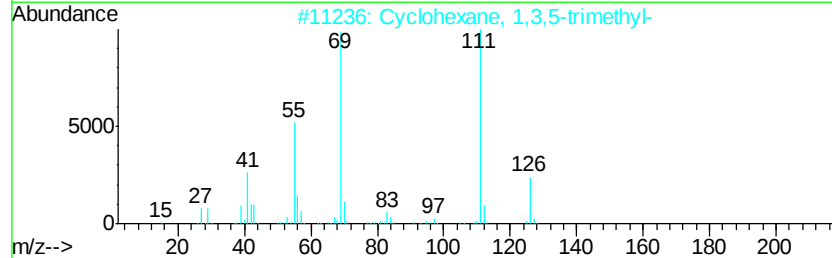
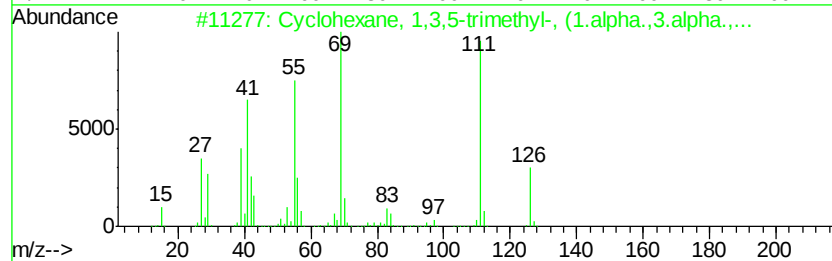
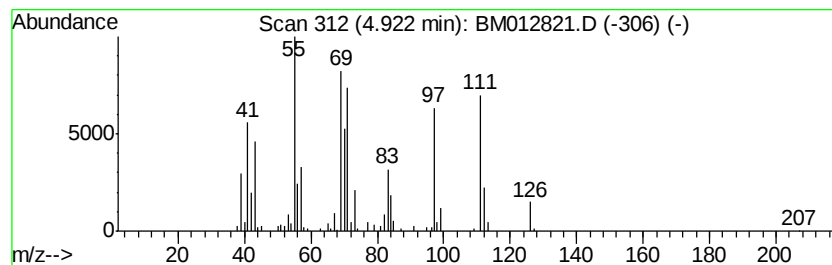
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic4.92 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.90 ng/ul	683741	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	49
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	43
3			Heptane, 4-methylene-	112	C8H16	015918-08-8	38
4			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	35
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	30



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Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
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Instrument :
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ClientSampleId :
B-79(5-6)-102617

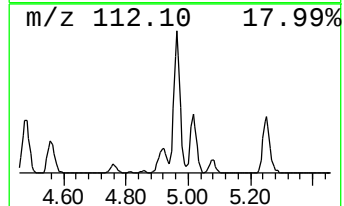
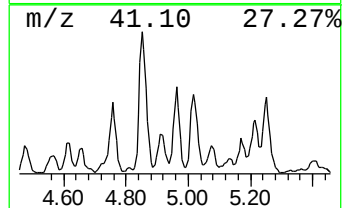
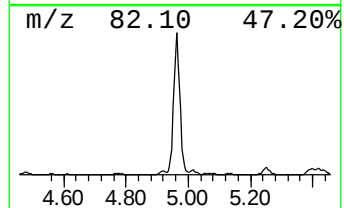
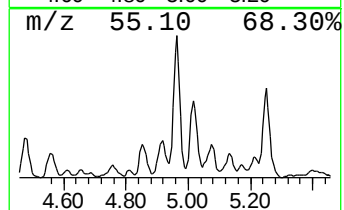
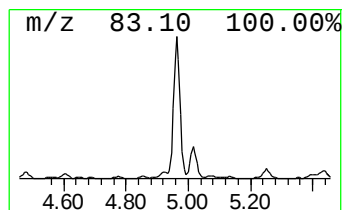
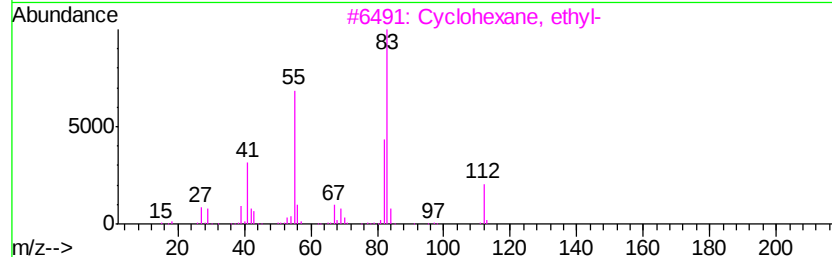
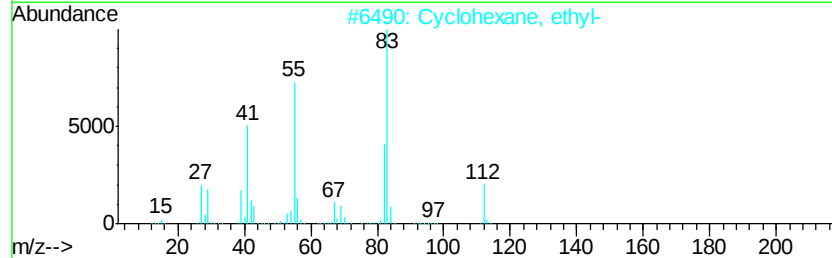
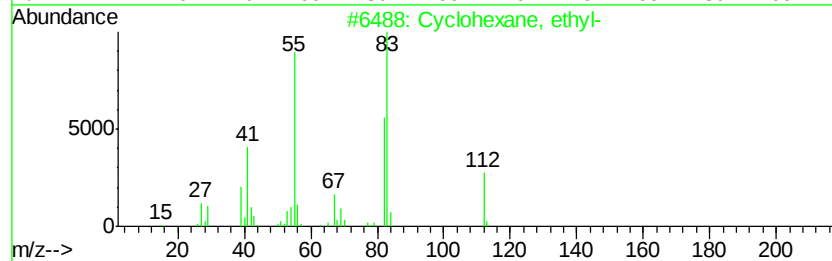
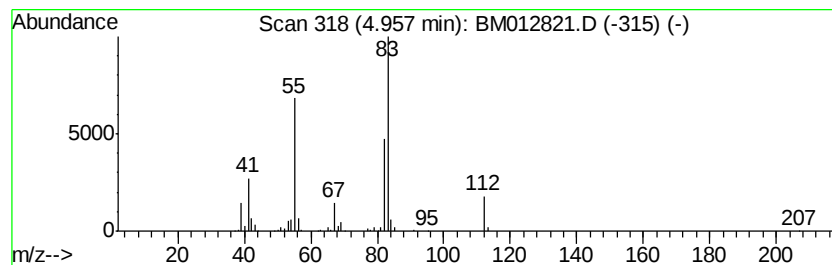
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic4.96 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	9.51 ng/ul	1102000	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
5			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58



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Instrument :
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ClientSampled :
B-79(5-6)-102617

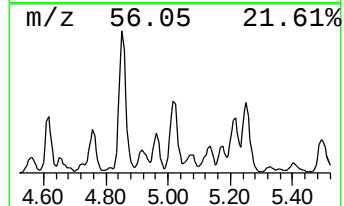
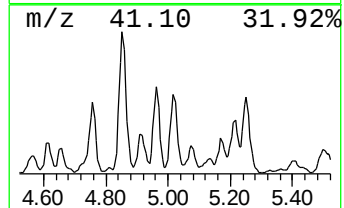
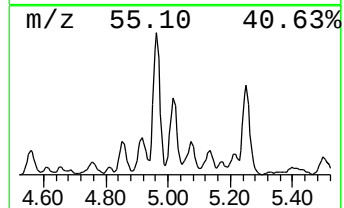
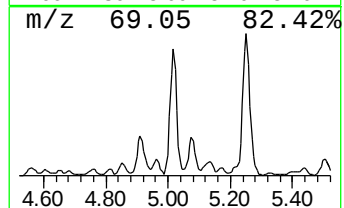
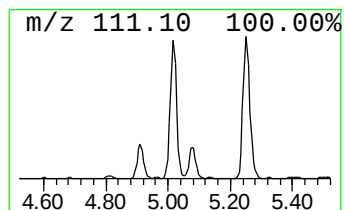
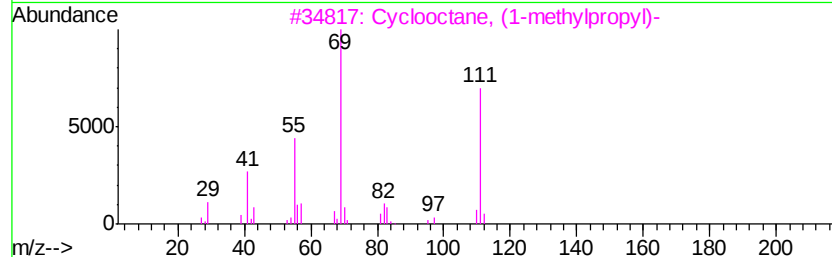
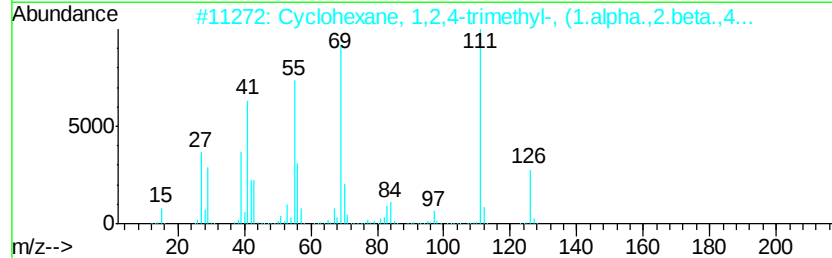
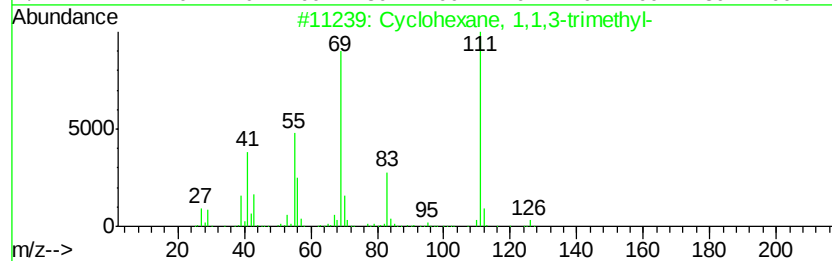
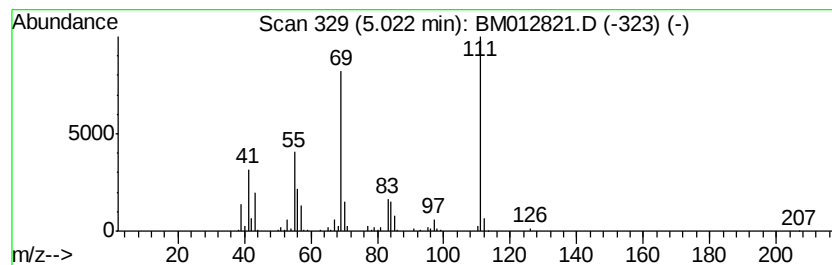
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic5.02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	11.29 ng/ul	1309260	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	78
3		Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	72
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

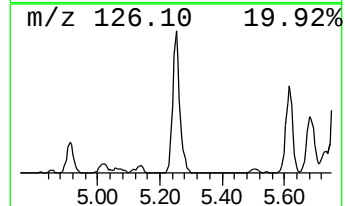
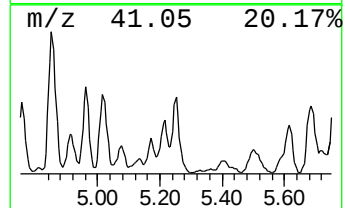
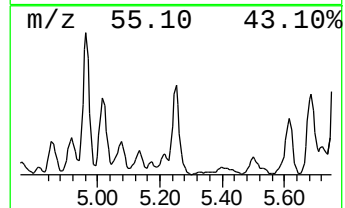
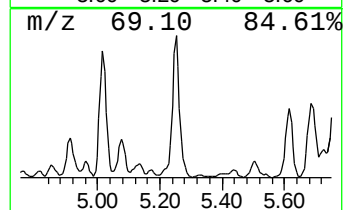
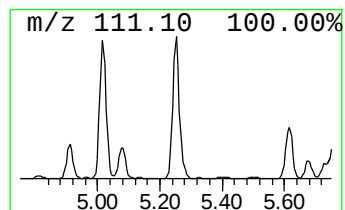
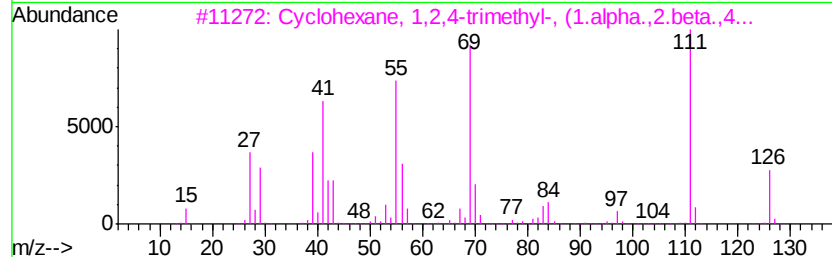
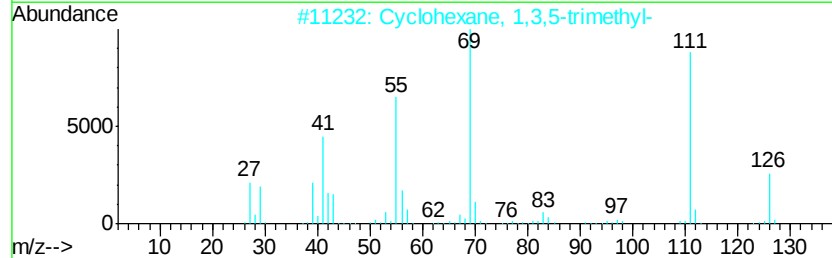
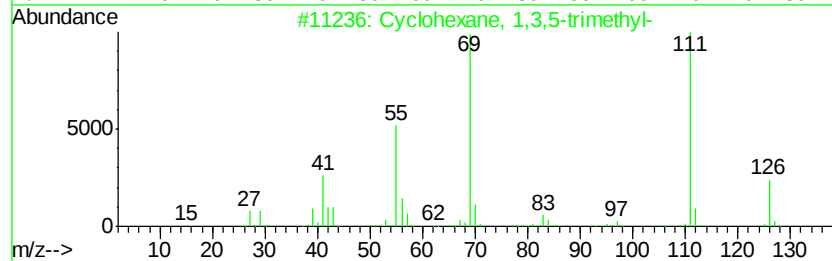
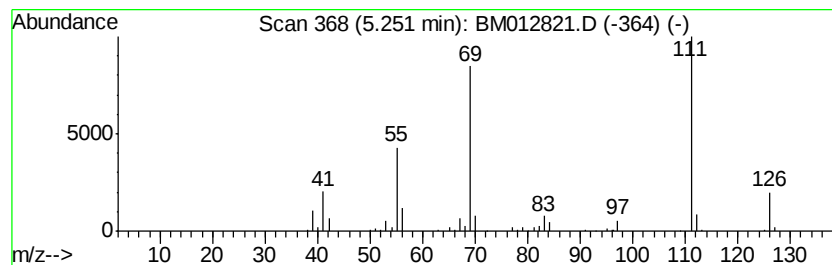
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic5.25 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	11.08 ng/ul	1284100	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	95
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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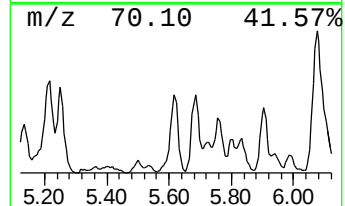
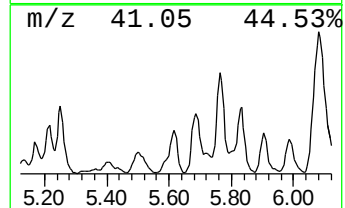
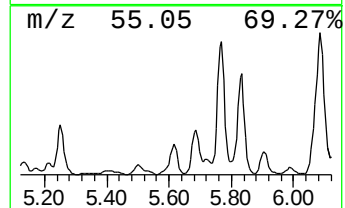
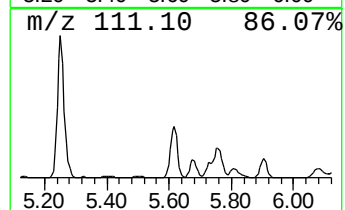
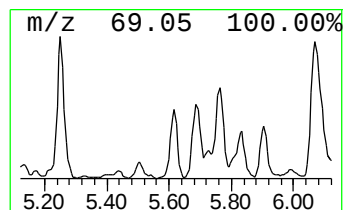
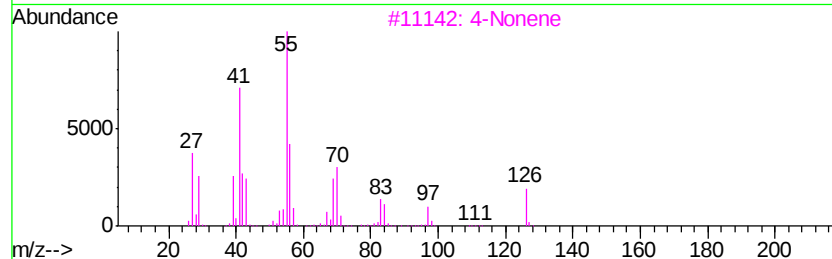
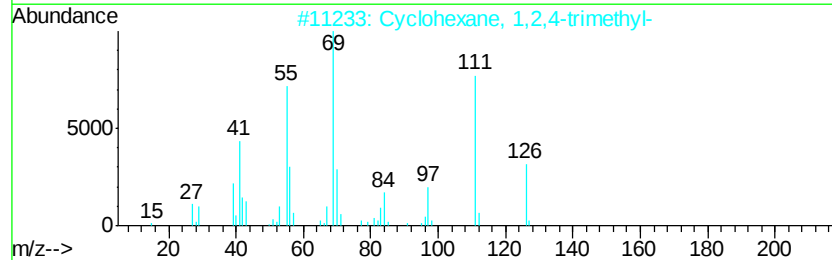
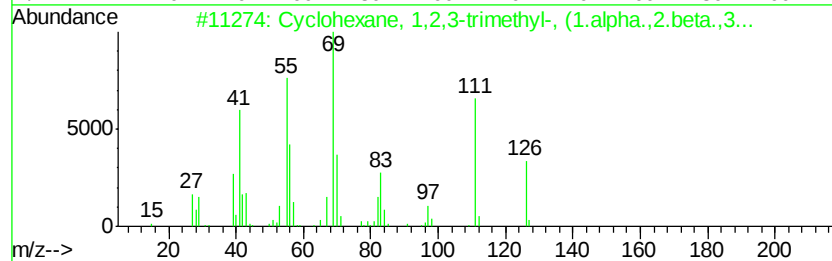
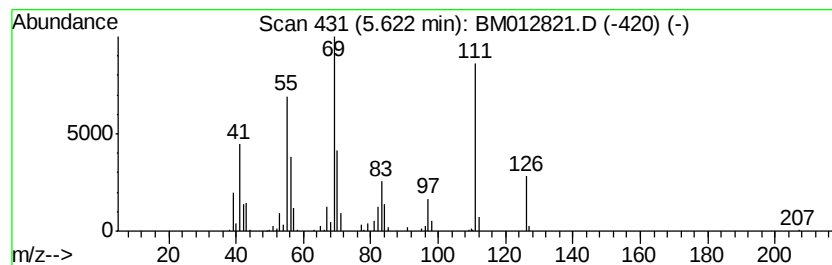
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic5.62 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	7.60 ng/ul	881522	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	96
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
3			4-Nonene	126	C9H18	002198-23-4	84
4			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
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Operator : SJ/JU
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Instrument :
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ClientSampled :
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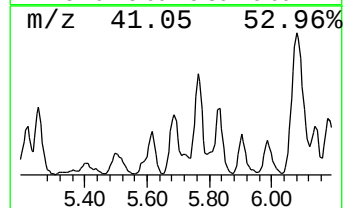
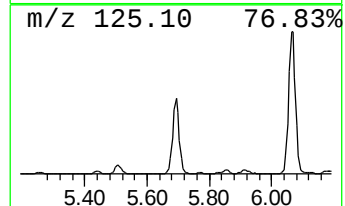
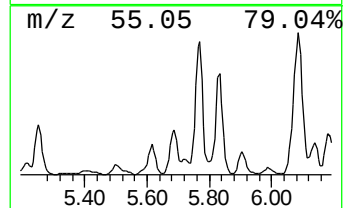
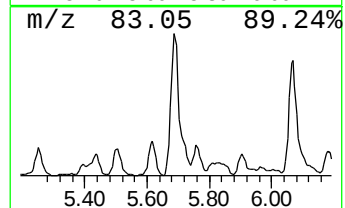
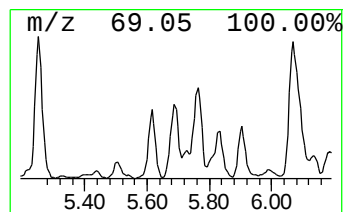
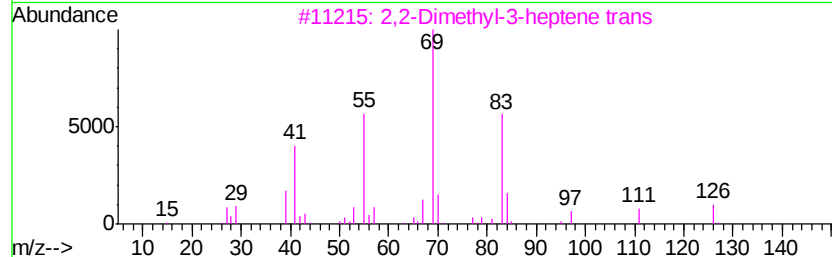
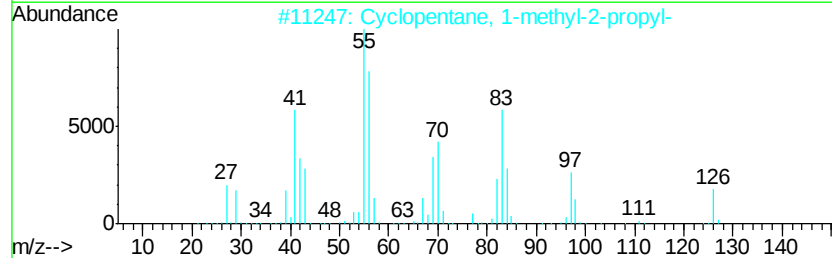
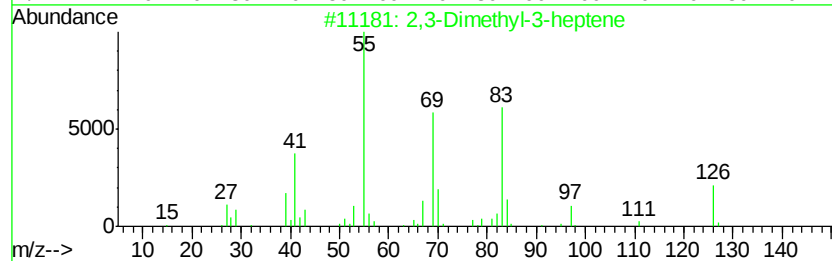
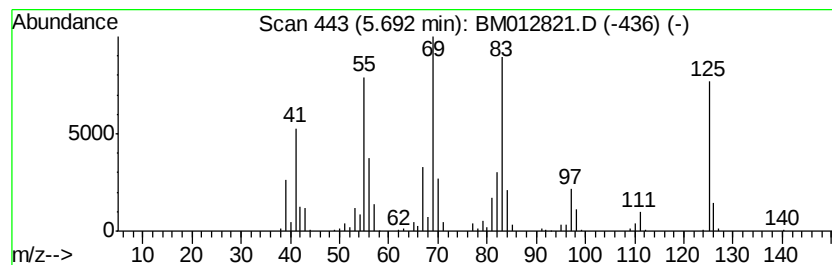
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic5.69 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	10.77 ng/ul	1248070	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	52
2		Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	46
3		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
4		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30
5		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Misc :
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ClientSampleId :
B-79(5-6)-102617

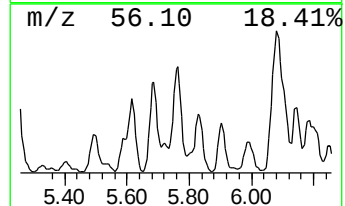
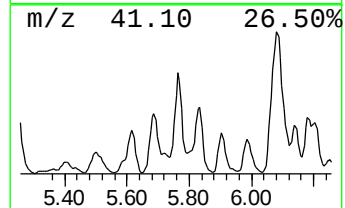
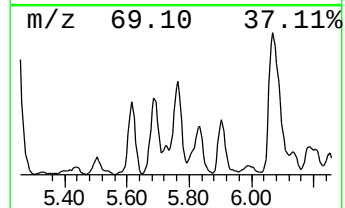
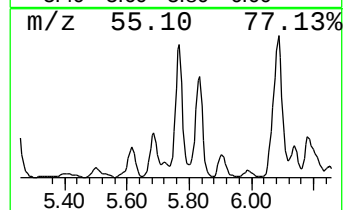
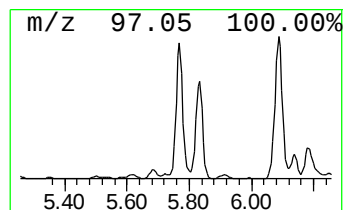
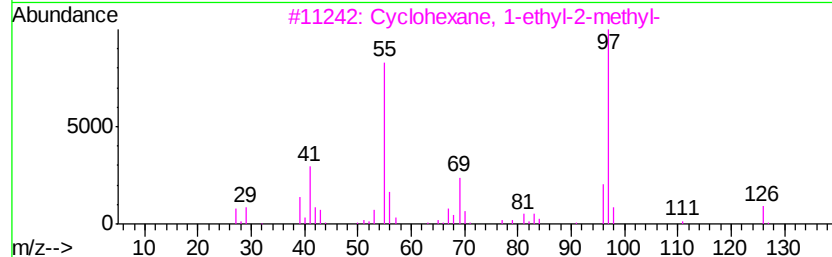
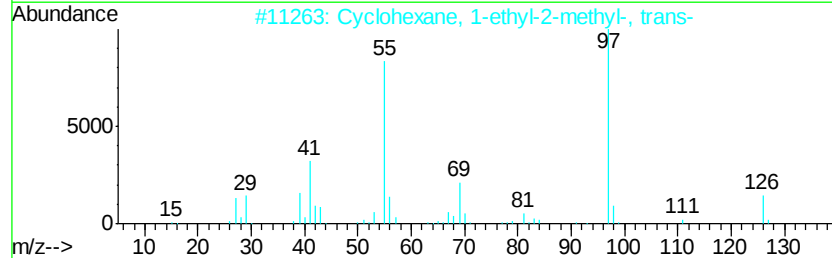
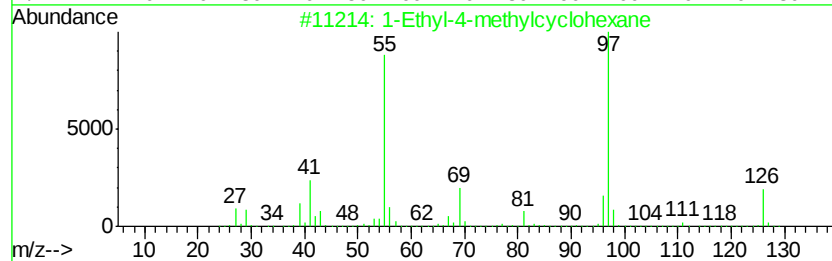
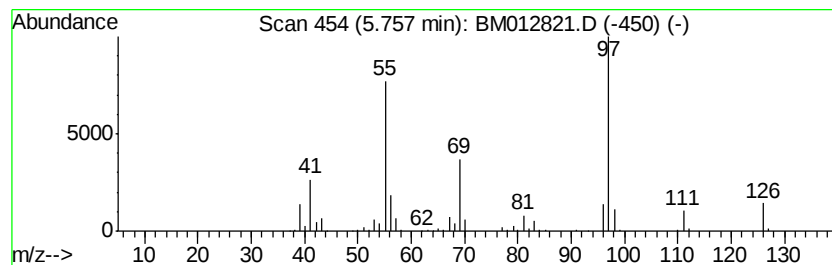
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic5.76 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	16.22 ng/ul	1880250	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	91
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	76
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
B-79(5-6)-102617

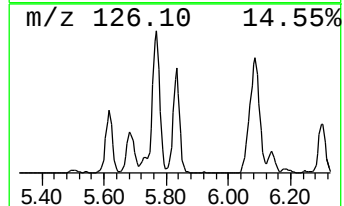
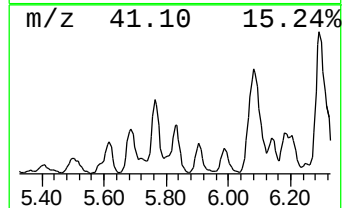
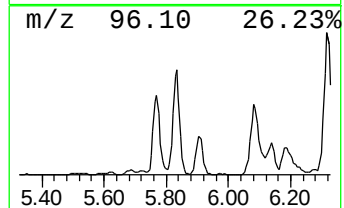
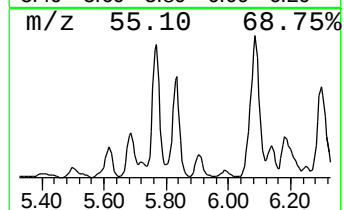
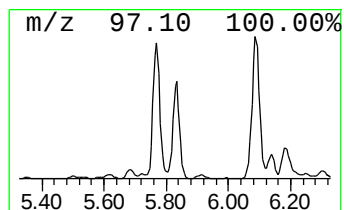
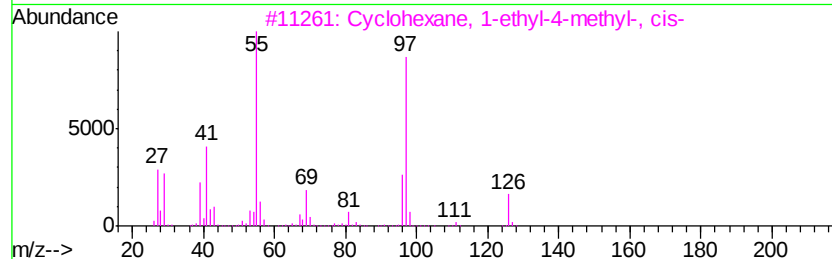
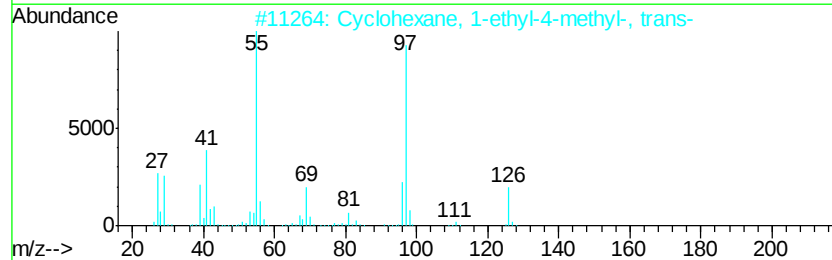
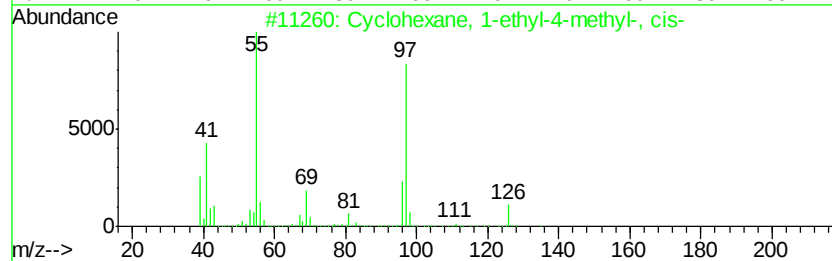
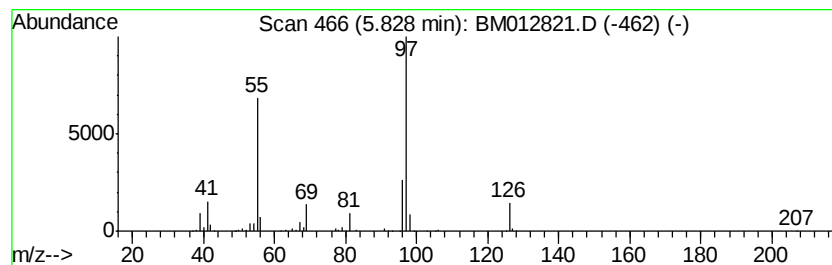
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic5.83 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	12.85 ng/ul	1489330	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
5		4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-79(5-6)-102617

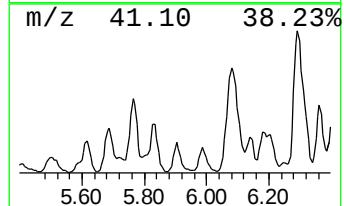
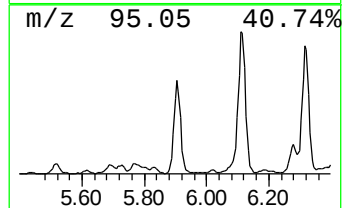
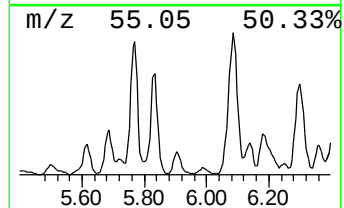
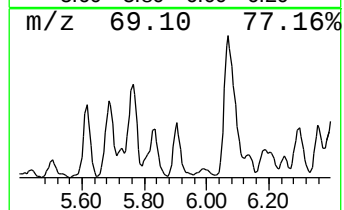
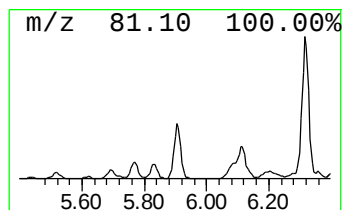
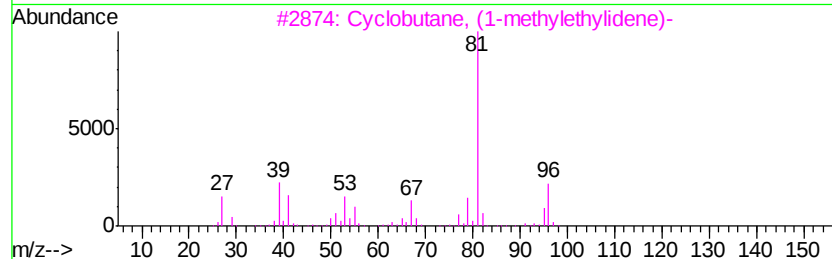
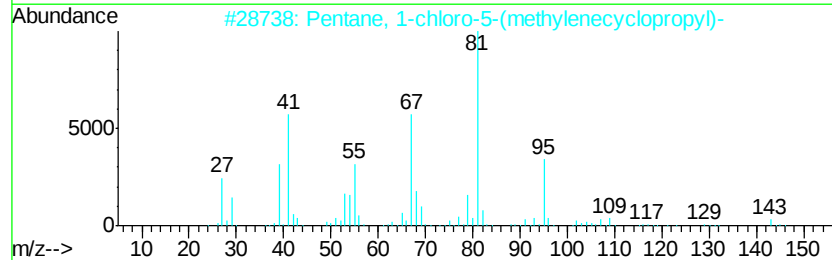
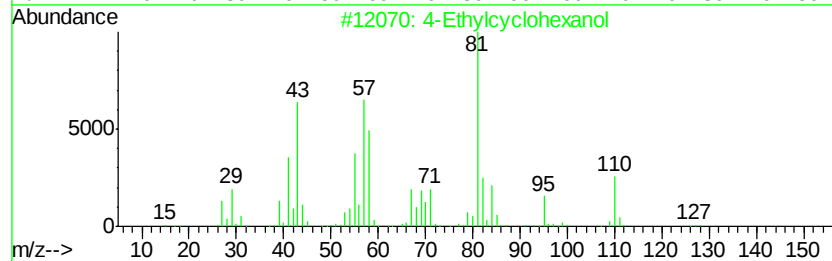
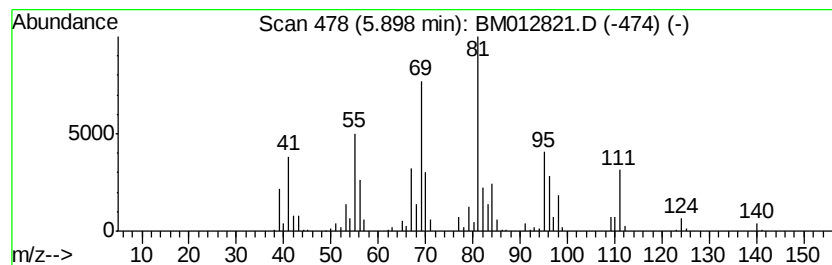
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-01 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	8.28 ng/ul	959616	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylcyclohexanol	128	C8H16O	004534-74-1	43
2			Pentane, 1-chloro-5-(methylenecy...	158	C9H15Cl	1000158-49-0	38
3			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38
4			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38
5			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	35



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Data File : BM012821.D
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Operator : SJ/JU
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ClientSampleId :
B-79(5-6)-102617

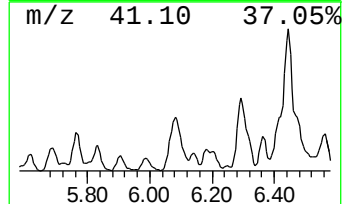
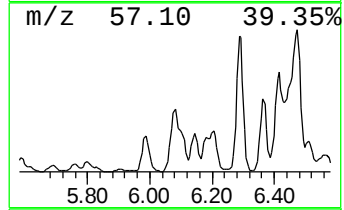
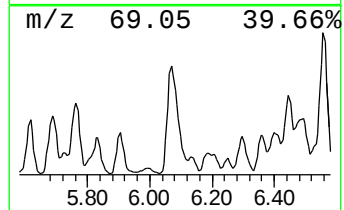
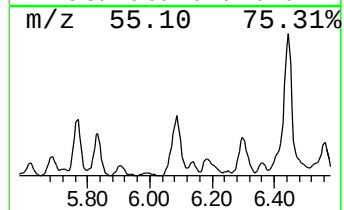
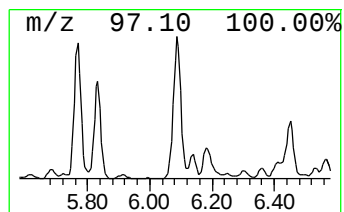
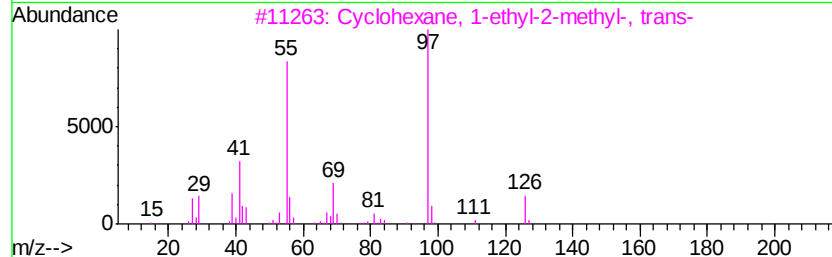
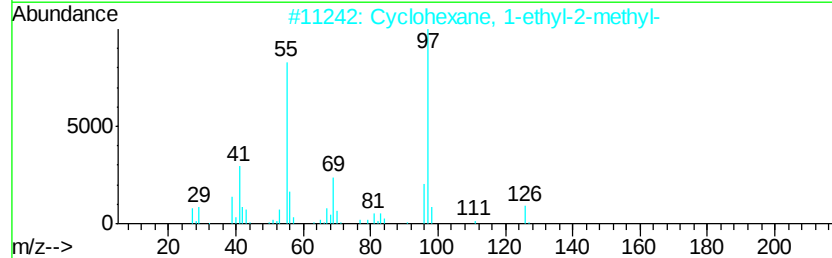
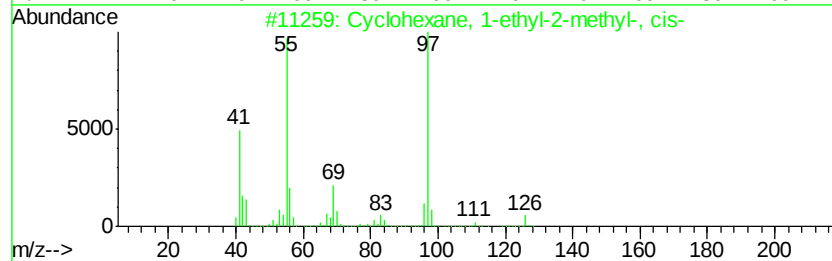
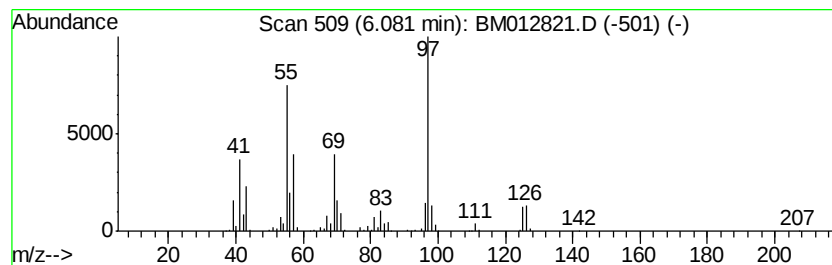
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic6.08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	35.53 ng/ul	4119160	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	83
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
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ALS Vial : 9 Sample Multiplier: 1

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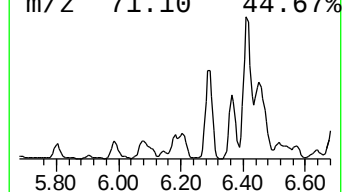
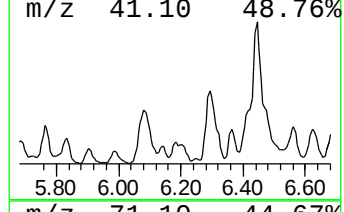
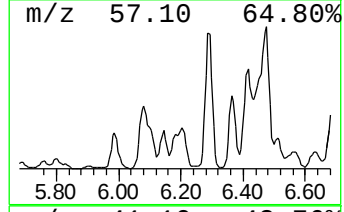
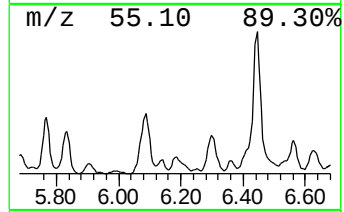
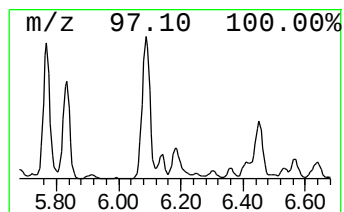
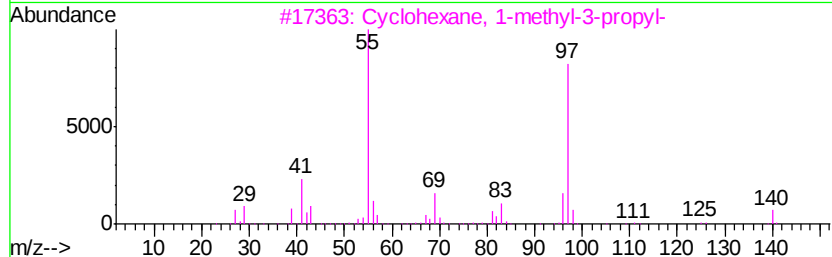
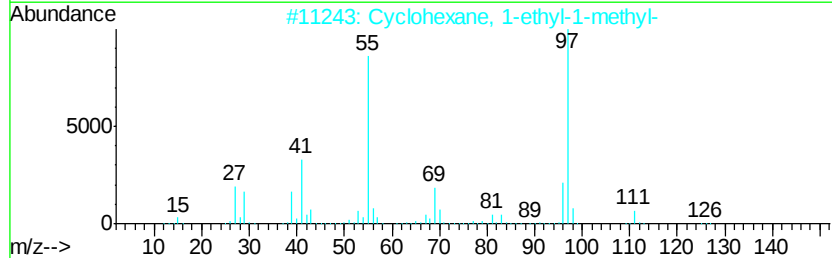
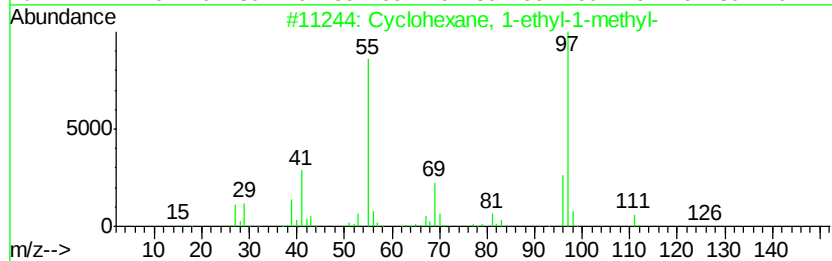
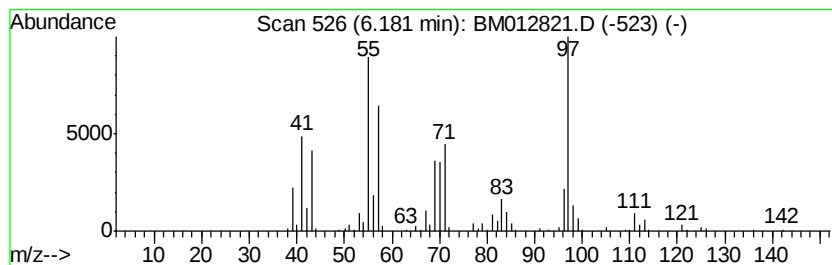
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic6.18 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	10.86 ng/ul	1258490	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
3		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	47
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
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Operator : SJ/JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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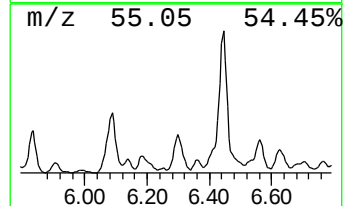
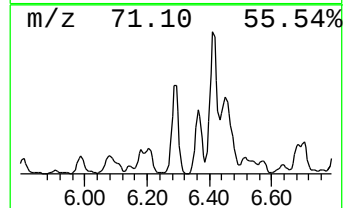
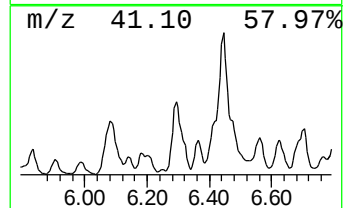
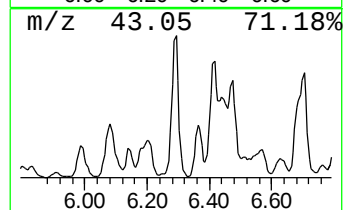
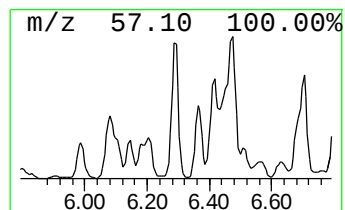
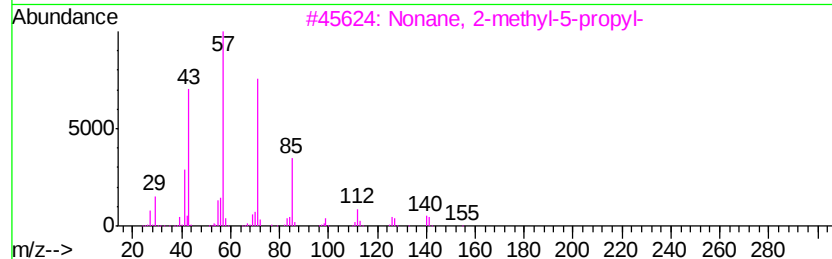
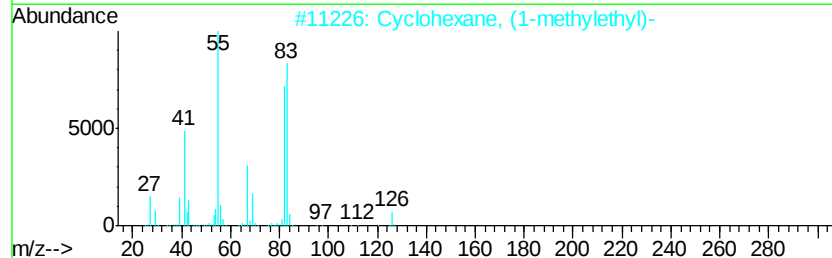
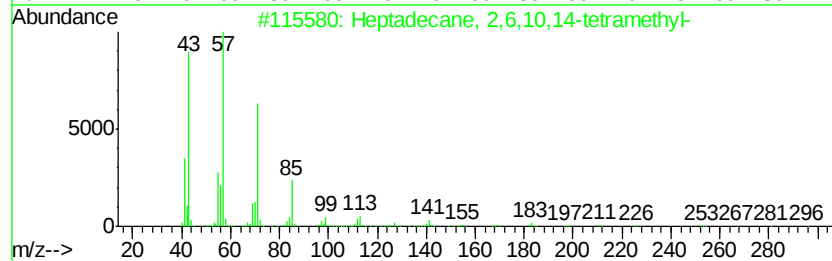
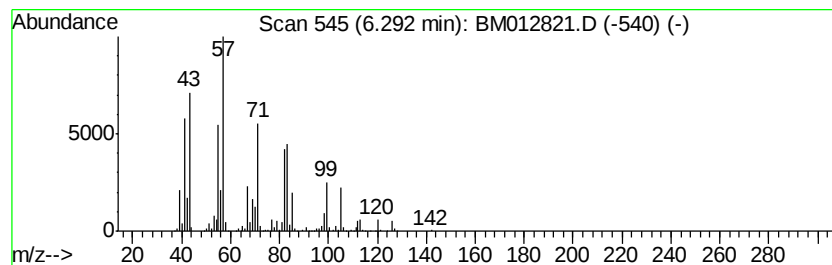
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	39.72 ng/ul	4605330	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	30
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	27
4		Hexadecane	226	C16H34	000544-76-3	22
5		Decane, 5-propyl-	184	C13H28	017312-62-8	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

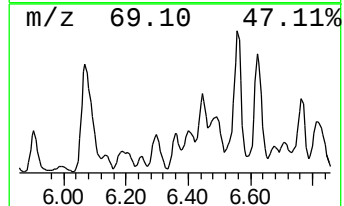
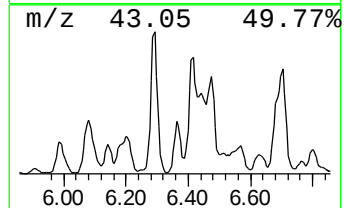
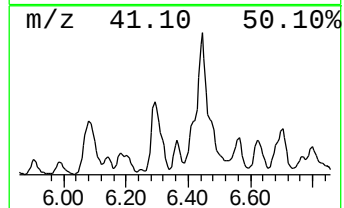
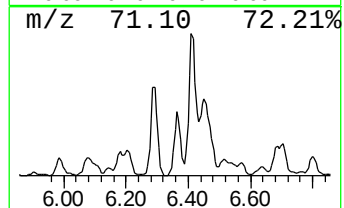
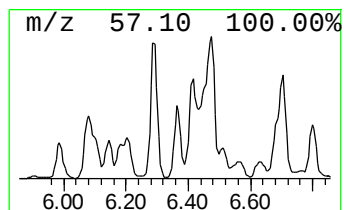
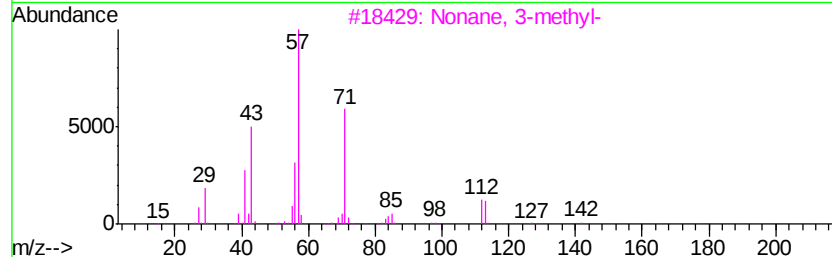
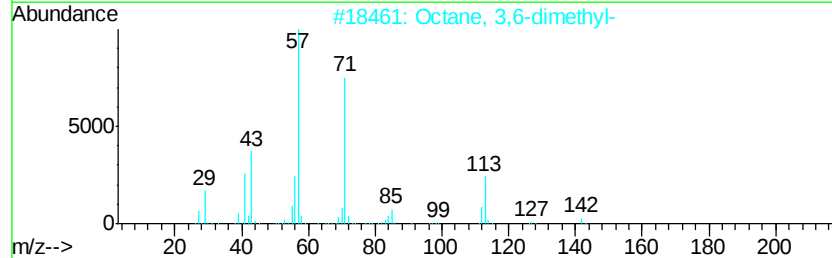
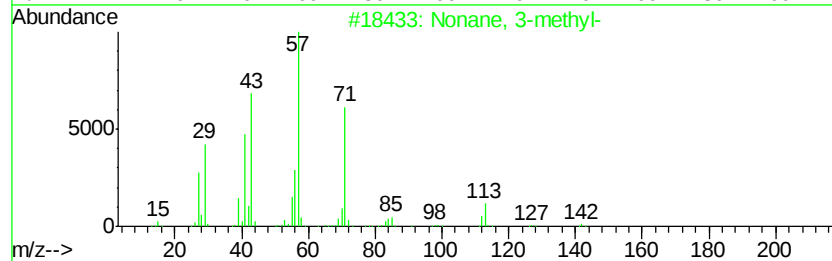
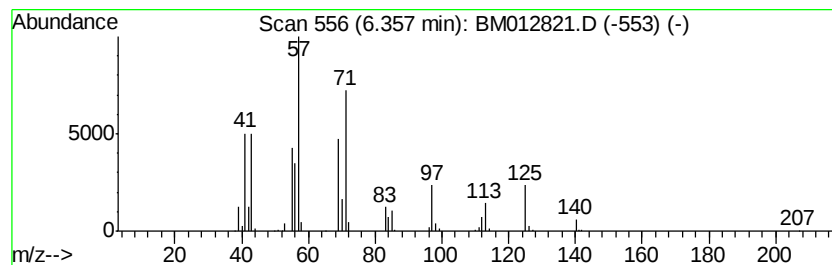
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	7.44 ng/ul	862990	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Acq On : 08 Nov 2017 15:10
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ClientSampleId :
B-79(5-6)-102617

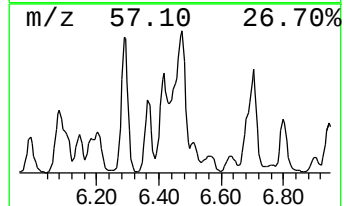
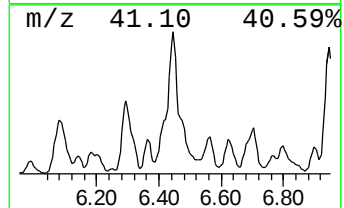
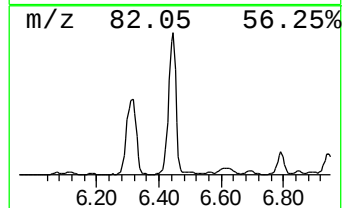
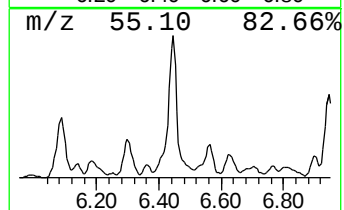
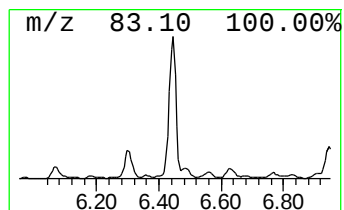
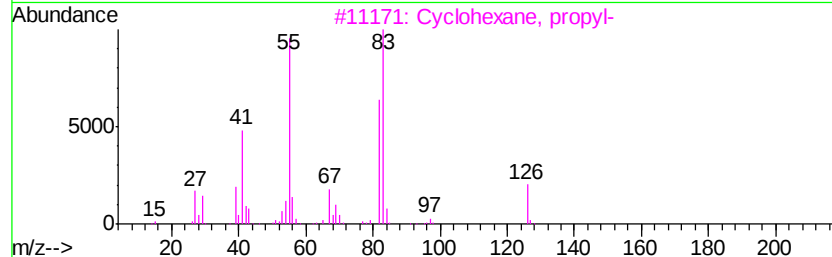
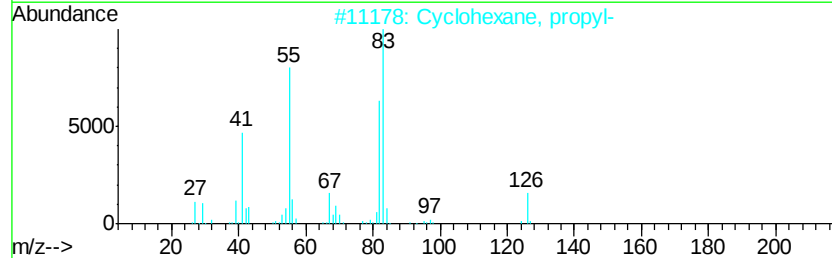
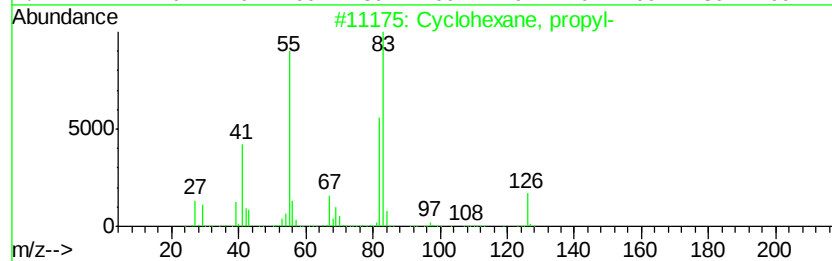
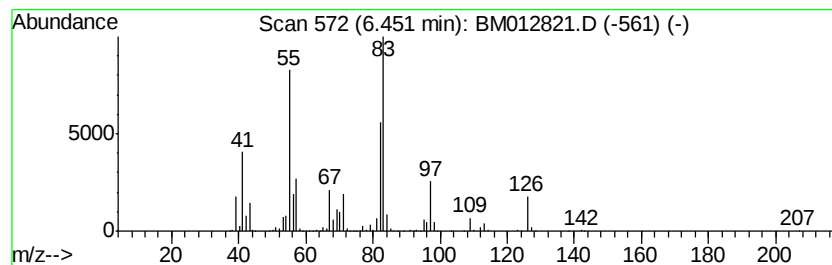
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic6.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	84.17 ng/ul	9758460	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	94
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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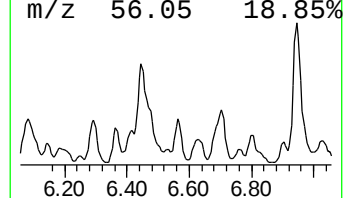
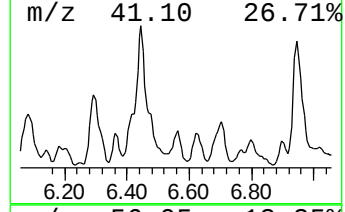
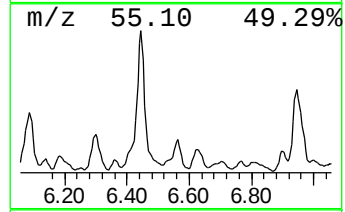
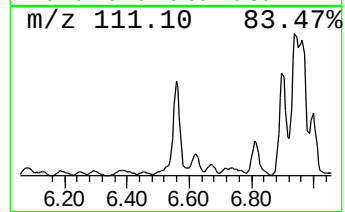
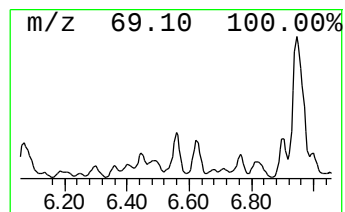
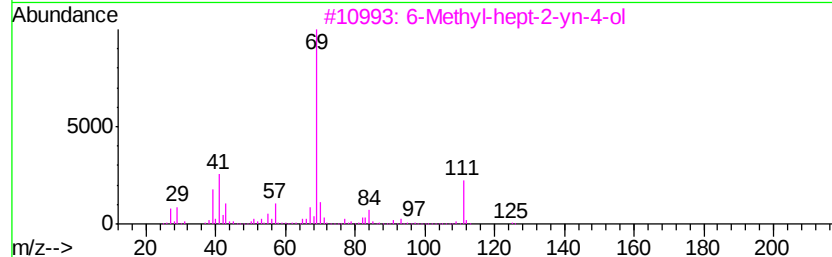
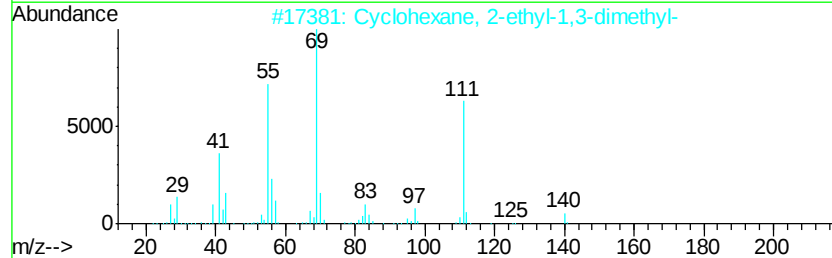
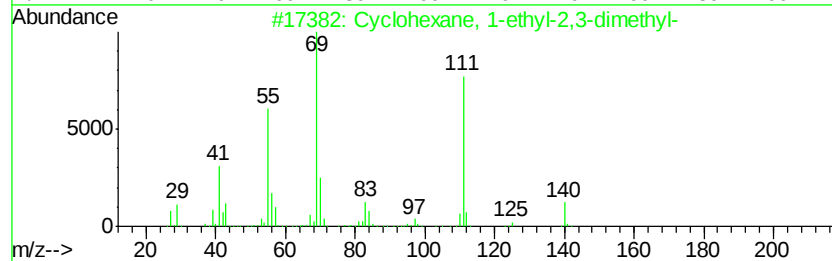
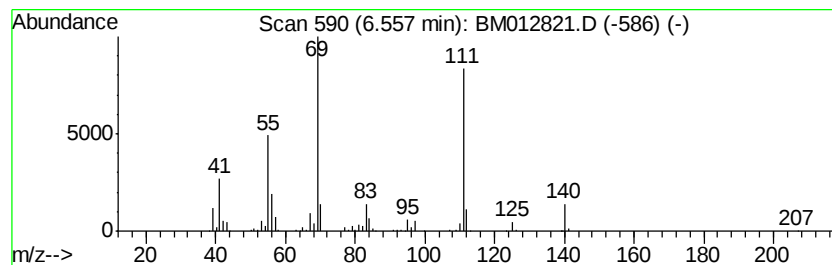
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic6.56 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	13.58 ng/ul	1574370	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	87
2		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	72
3		6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	59
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45
5		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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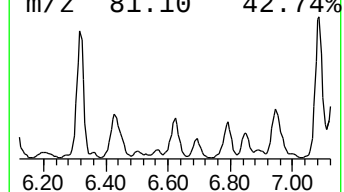
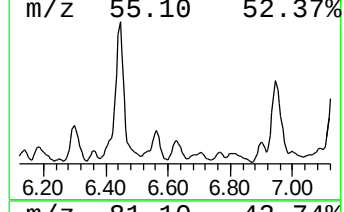
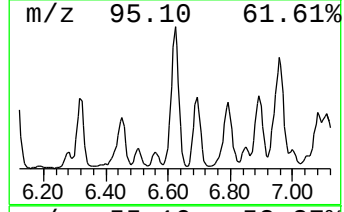
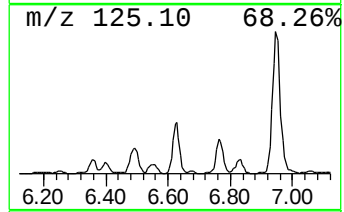
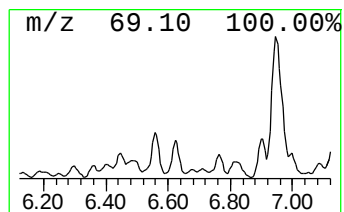
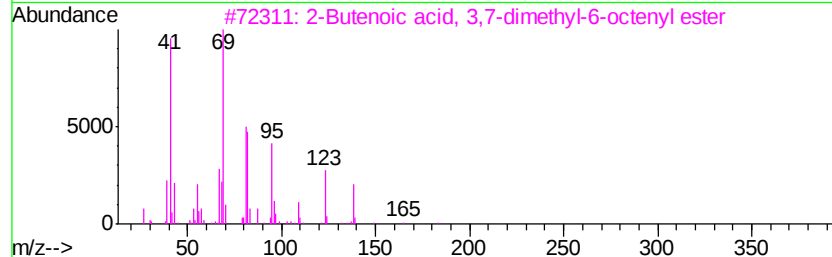
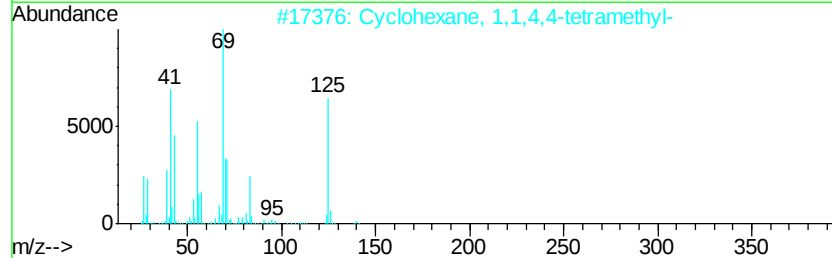
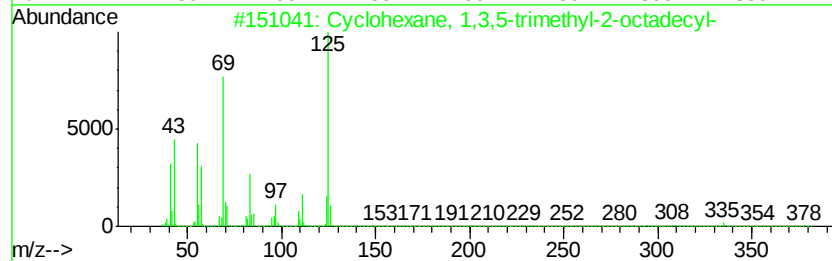
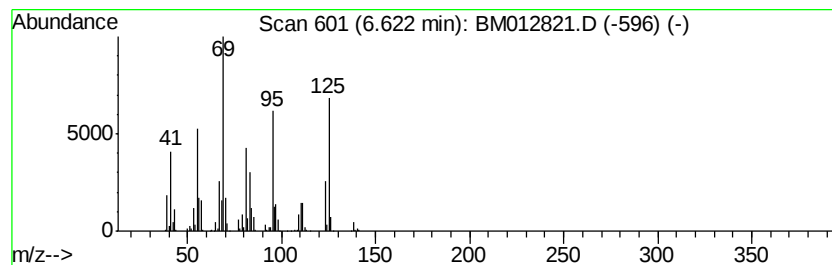
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic6.62 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	16.16 ng/ul	1872910	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	53
2		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	49
3		2-Butenoic acid, 3,7-dimethyl-6-...	224	C14H24O2	068039-38-3	43
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Operator : SJ/JU
Sample : I6175-03
Misc :
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Instrument :
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ClientSampleId :
B-79(5-6)-102617

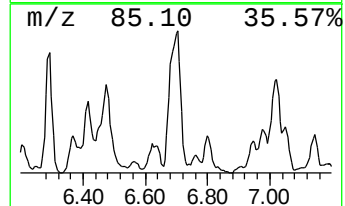
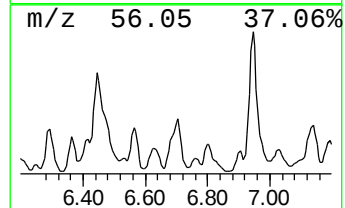
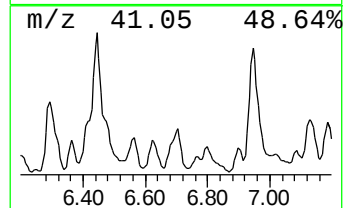
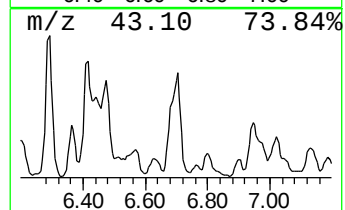
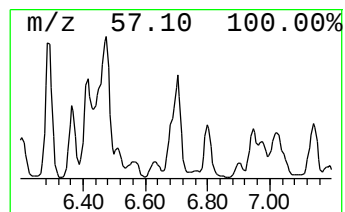
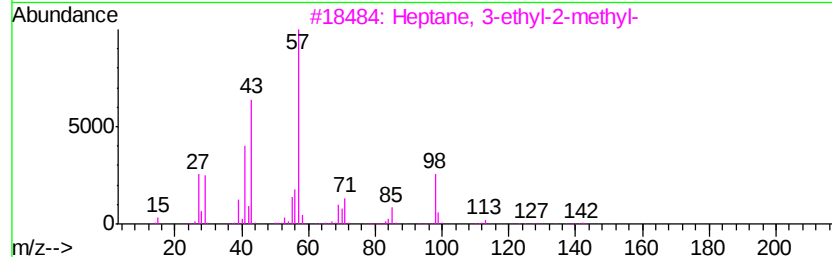
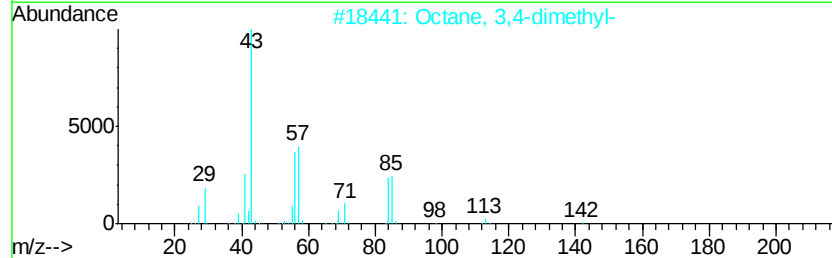
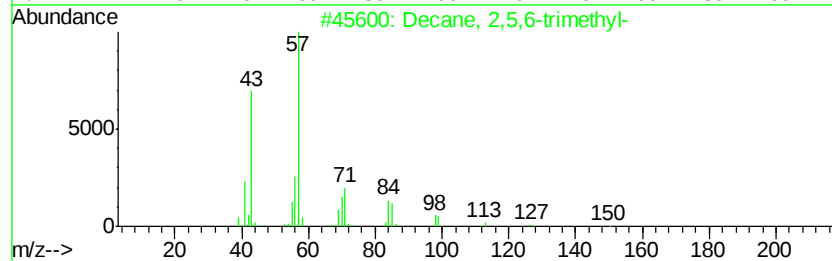
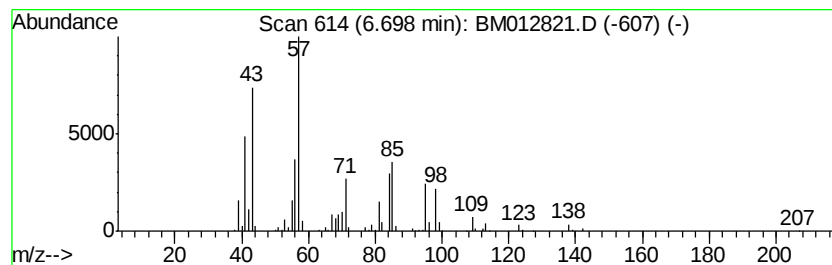
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	17.66 ng/ul	2047390	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	52
2		Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	46
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
4		Ether, heptyl hexyl	200	C13H28O	007289-40-9	43
5		3-Tetradecanone	212	C14H28O	000629-23-2	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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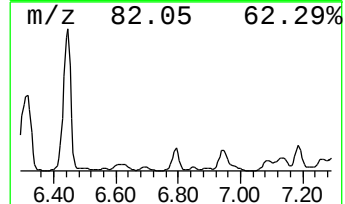
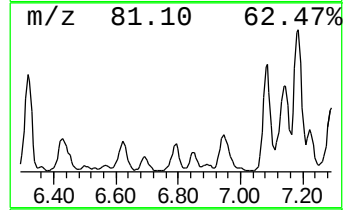
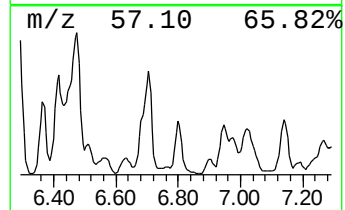
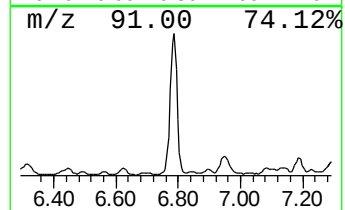
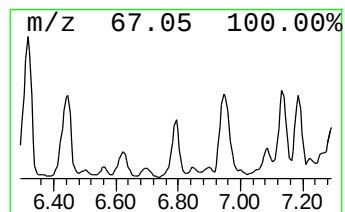
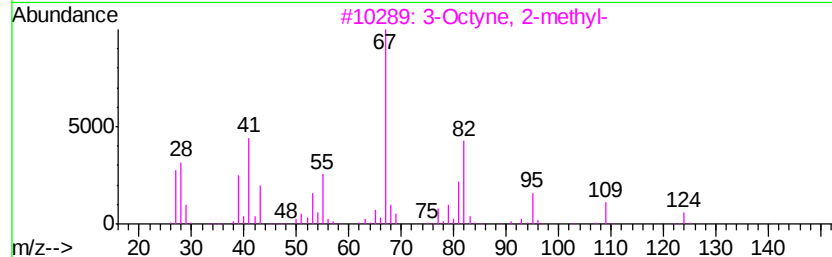
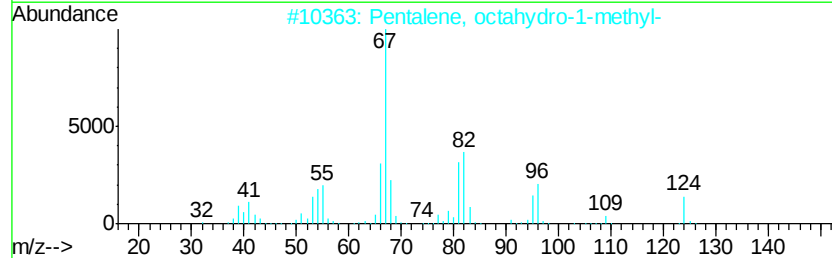
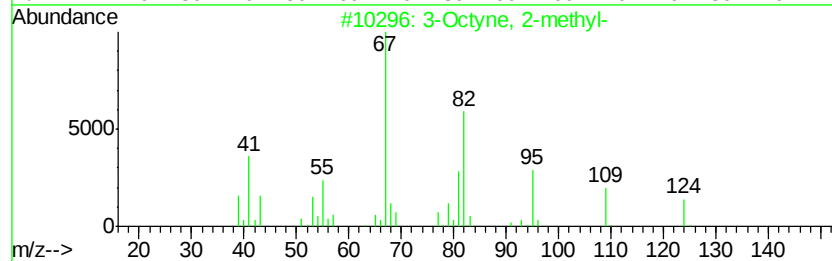
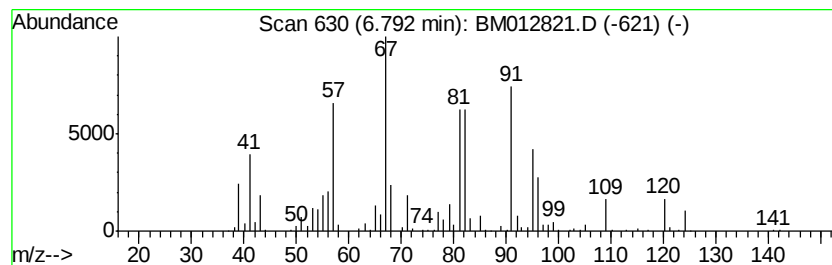
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 3-Octyne, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	19.44 ng/ul	2253750	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	53
2		Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	53
3		3-Octyne, 2-methyl-	124	C9H16	055402-15-8	49
4		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	47
5		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
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Operator : SJ/JU
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Misc :
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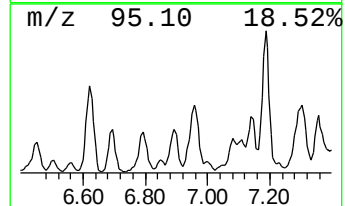
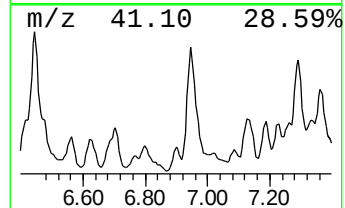
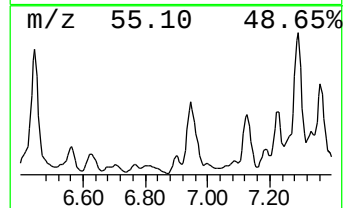
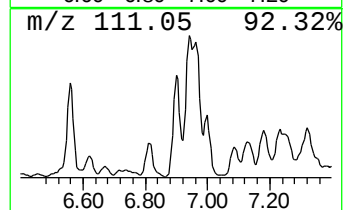
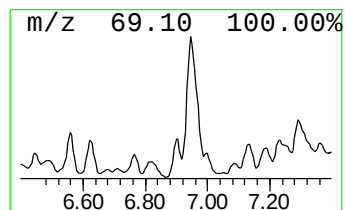
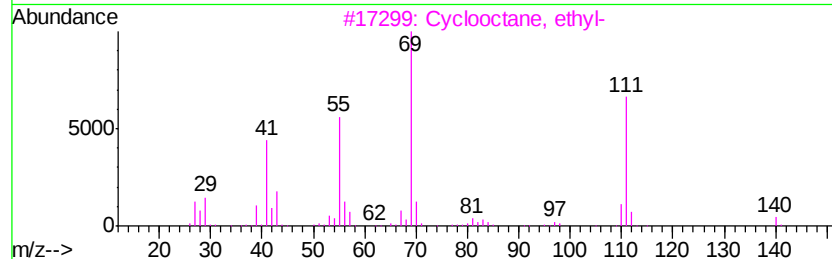
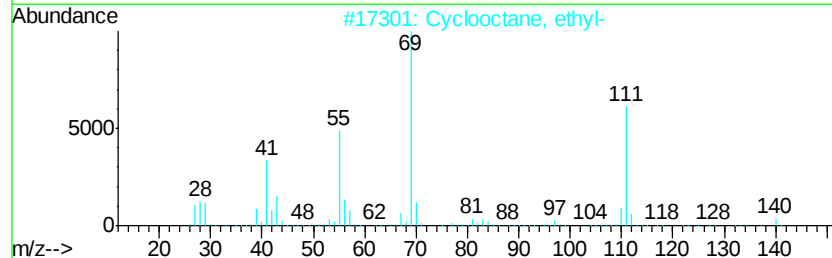
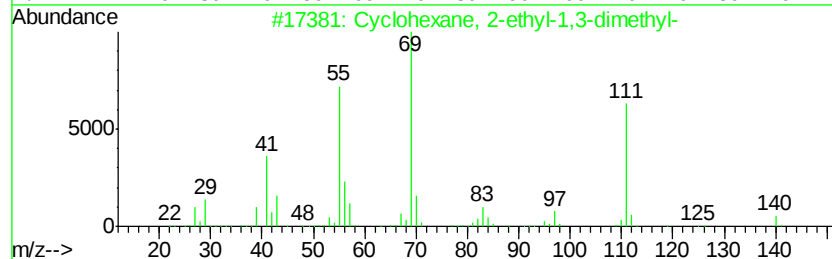
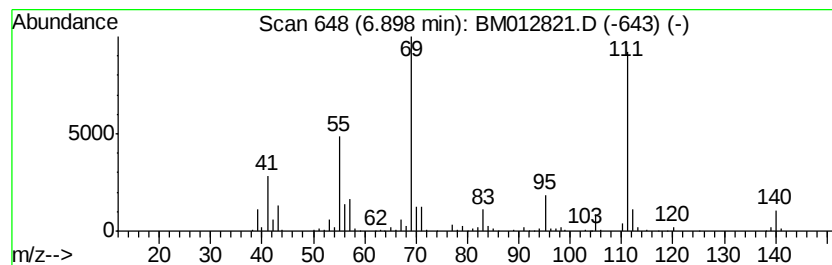
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic6.90 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	10.86 ng/ul	1259490	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	87
2			Cyclooctane, ethyl-	140	C10H20	013152-02-8	80
3			Cyclooctane, ethyl-	140	C10H20	013152-02-8	74
4			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

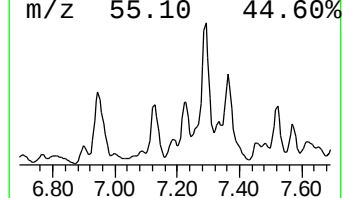
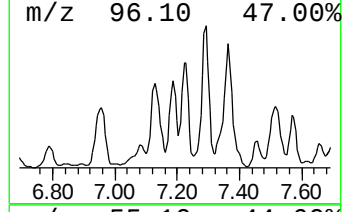
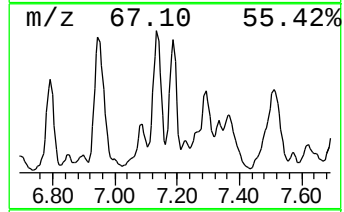
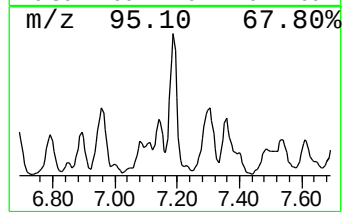
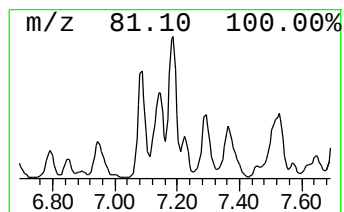
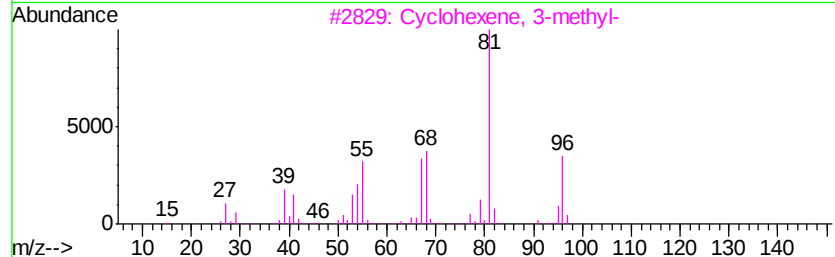
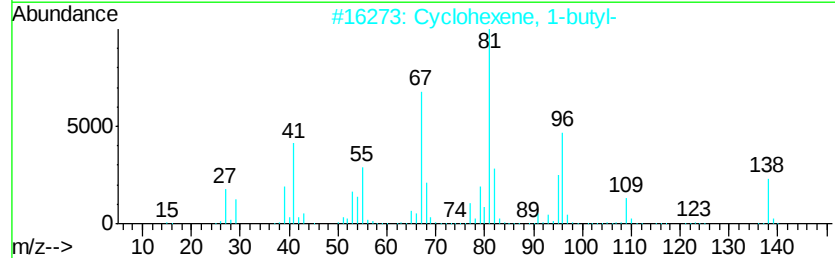
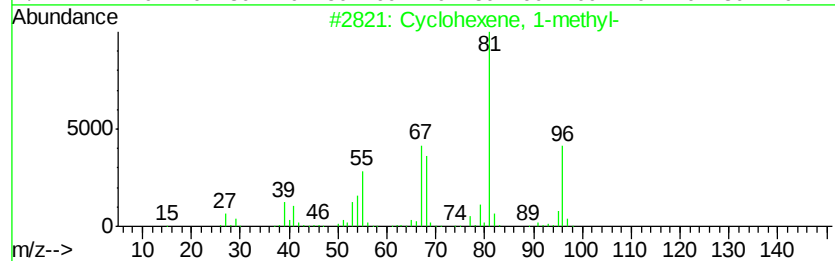
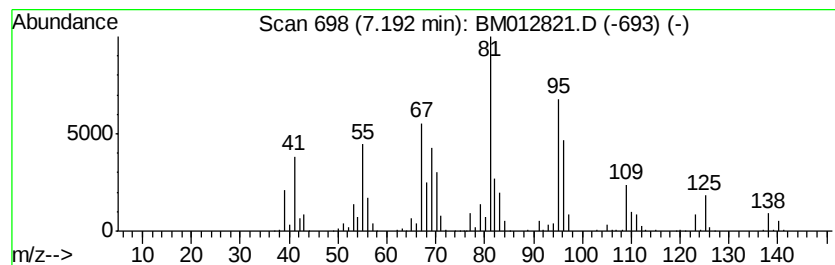
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Cyclohexene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	20.38 ng/ul	2362470	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	53
2		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	50
3		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
4		Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	49
5		Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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B-79(5-6)-102617

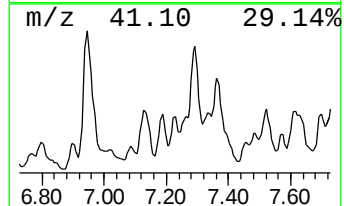
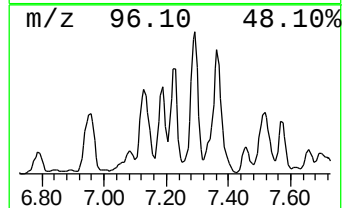
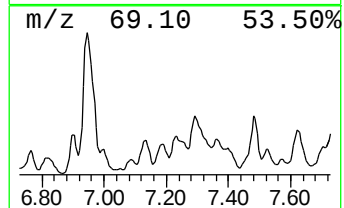
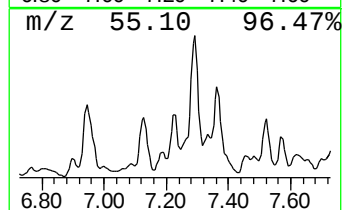
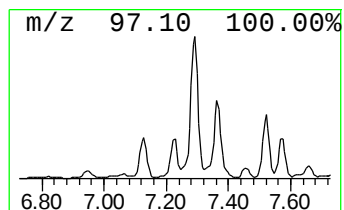
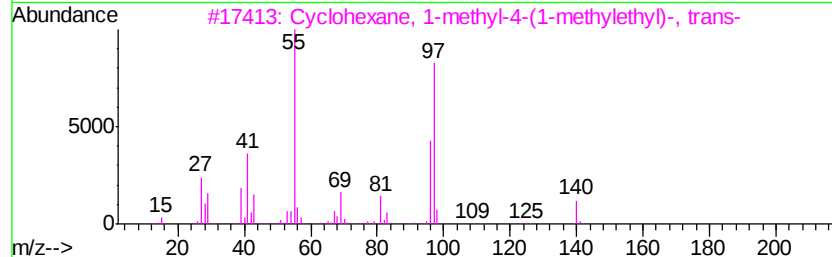
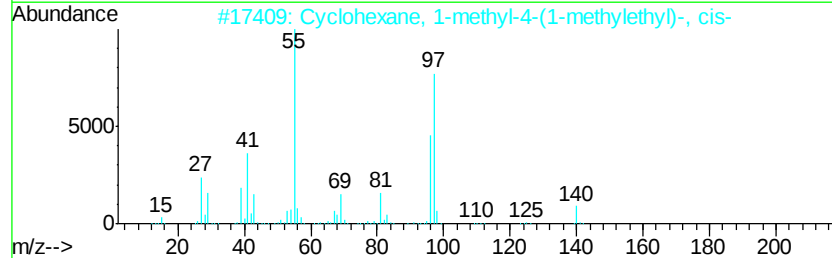
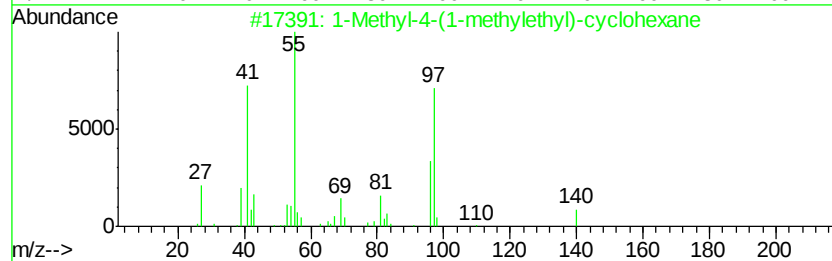
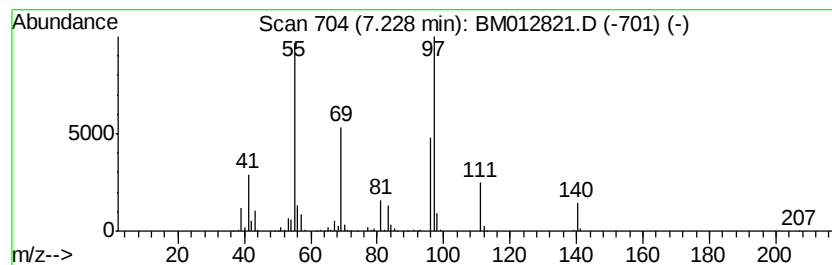
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1-Methyl-4-(1-methylethyl)-... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	10.52 ng/ul	1219960	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	86
2		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
3		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
4		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	74
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

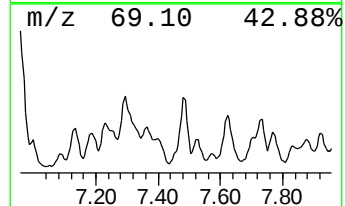
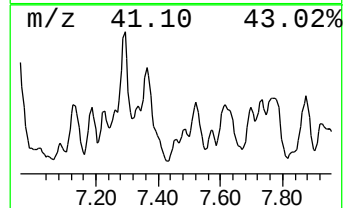
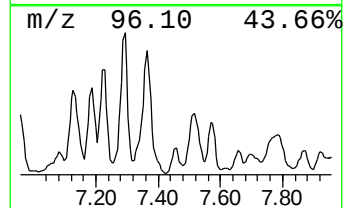
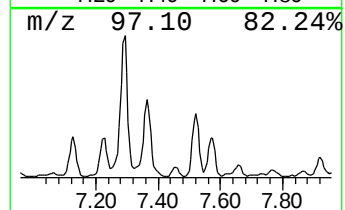
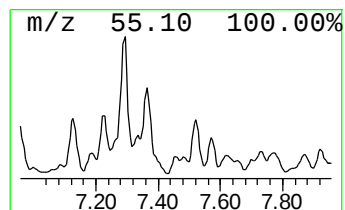
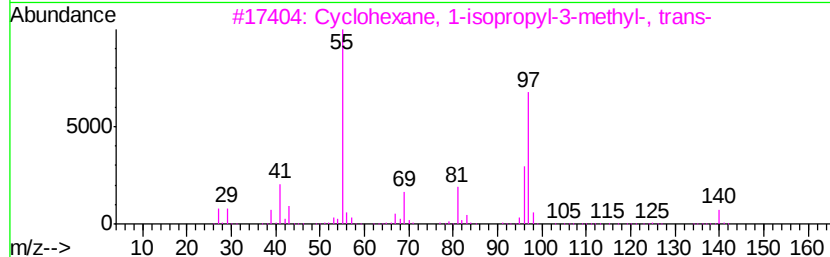
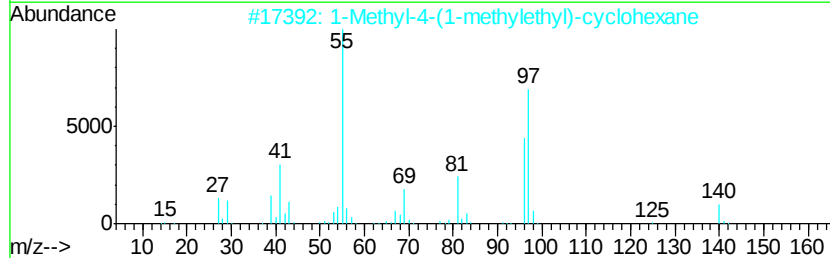
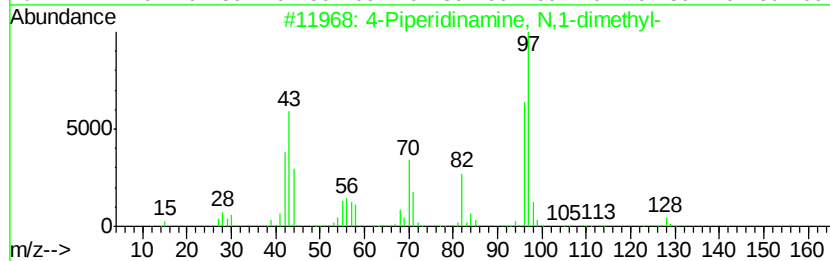
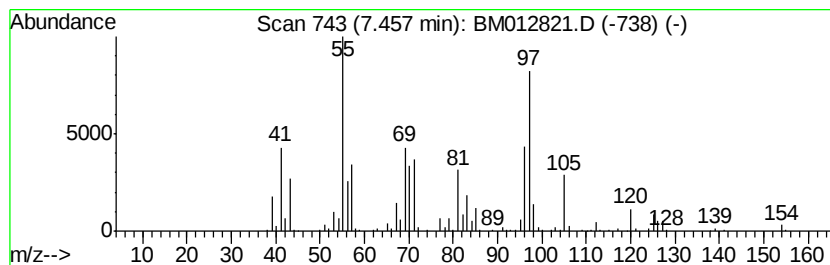
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 4-Piperidinamine, N,1-dimet... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	8.68 ng/ul	1006000	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Piperidinamine, N,1-dimethyl-	128	C7H16N2	073579-08-5	50
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	47
3			Cyclohexane, 1-isopropyl-3-methy...	140	C10H20	1000158-54-3	47
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

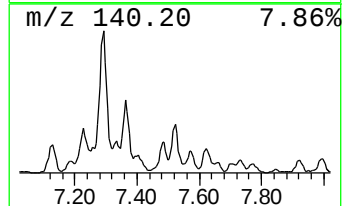
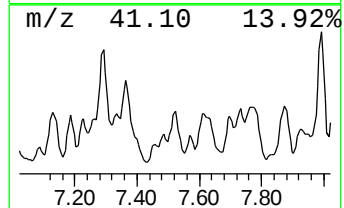
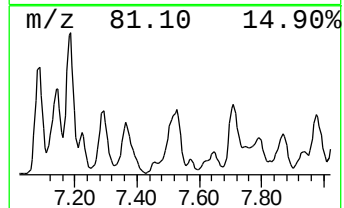
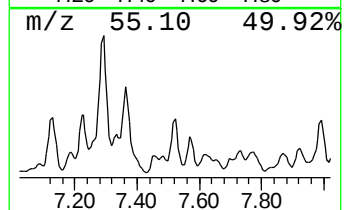
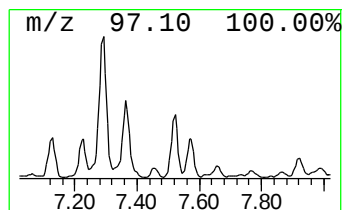
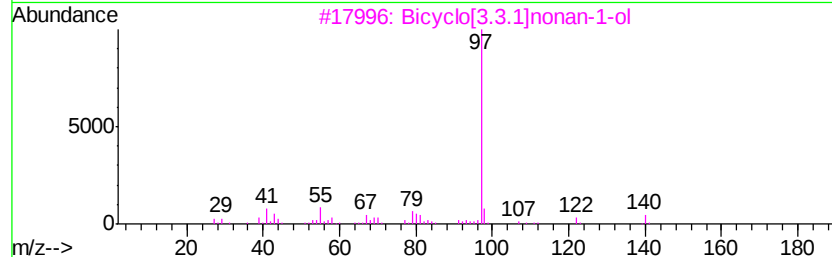
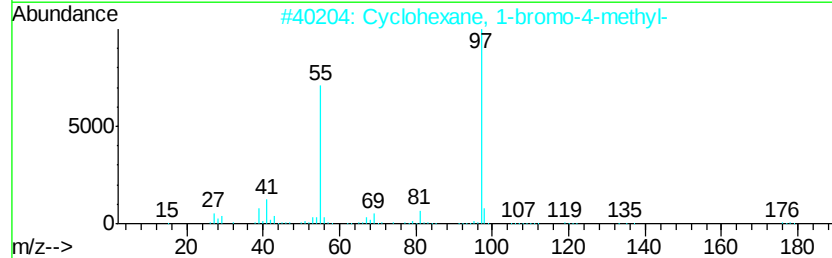
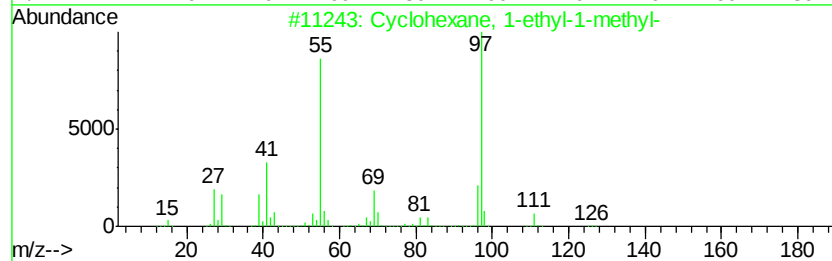
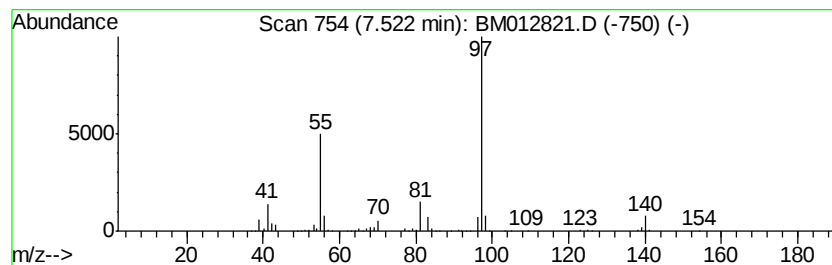
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Cyclic7.52 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	20.89 ng/ul	2421590	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	56
2		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	50
3		Bicyclo[3.3.1]nonan-1-ol	140	C9H16O	015158-56-2	50
4		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45
5		2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Operator : SJ/JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

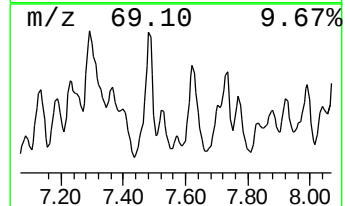
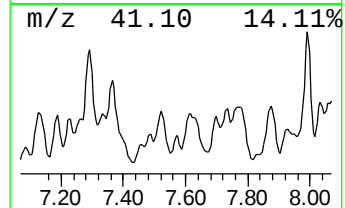
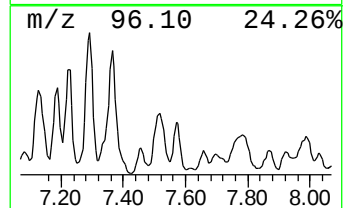
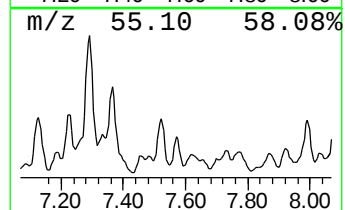
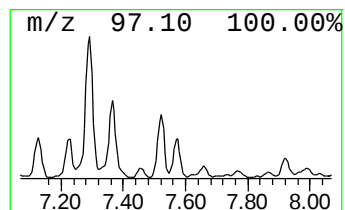
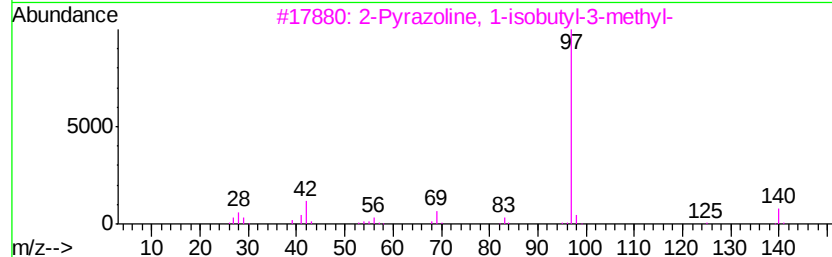
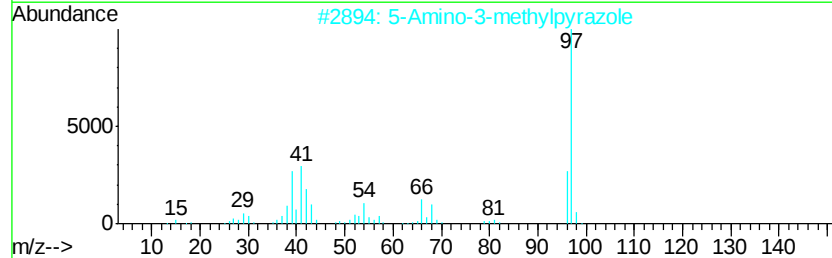
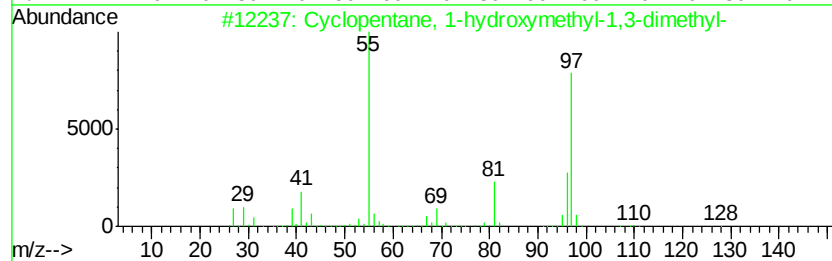
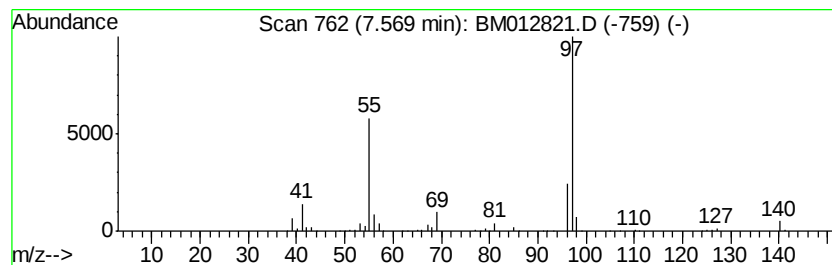
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Cyclopentane, 1-hydroxymeth... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	5.50 ng/ul	637270	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	72
2		5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	53
3		2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	52
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
5		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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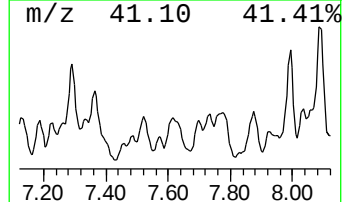
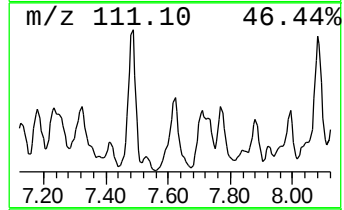
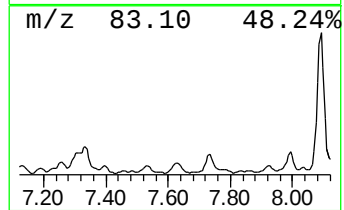
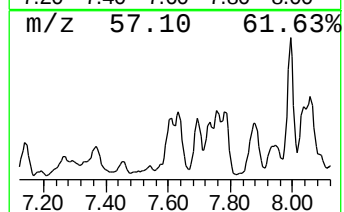
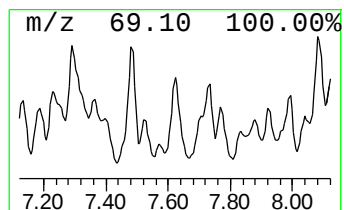
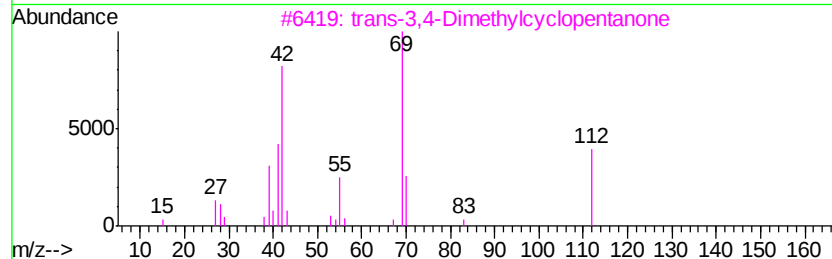
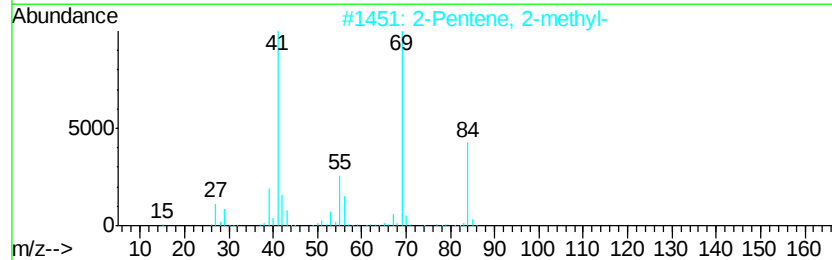
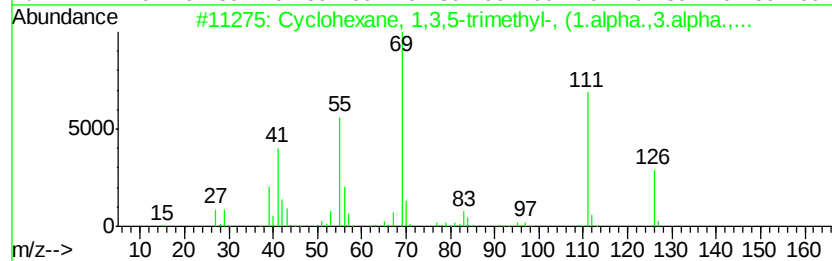
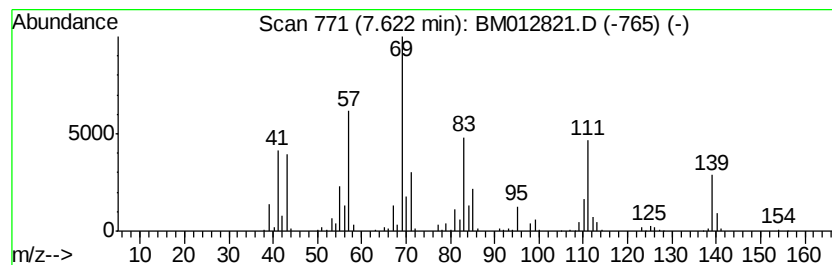
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Cyclic7.62 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	20.11 ng/ul	2331770	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	38
2		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	25
3		trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	18
4		3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	18
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
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Operator : SJ/JU
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Instrument :
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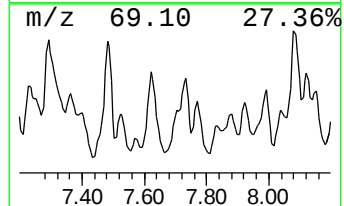
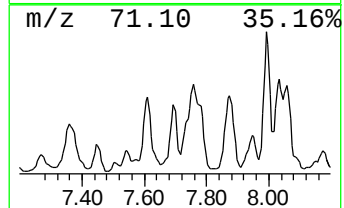
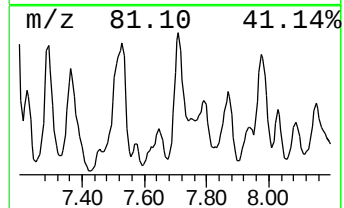
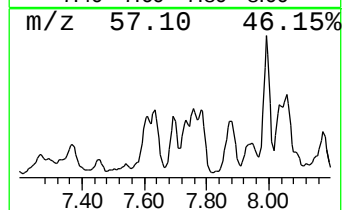
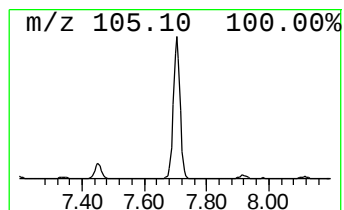
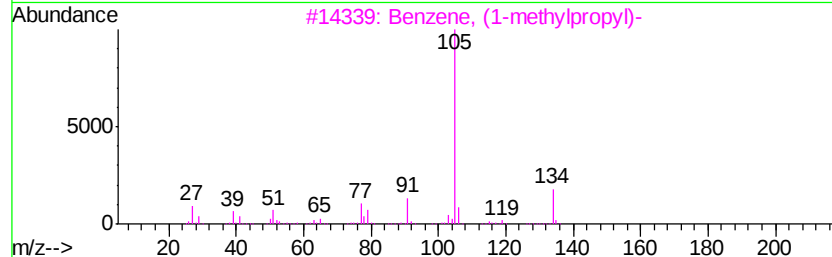
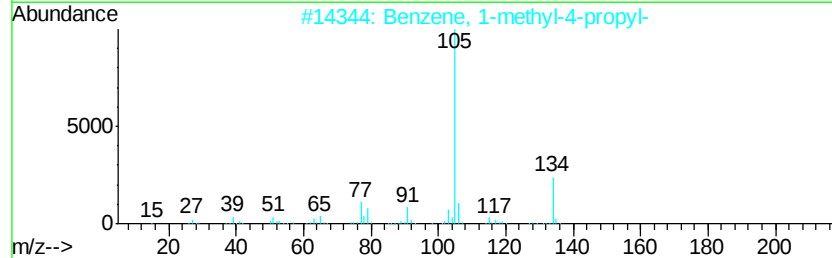
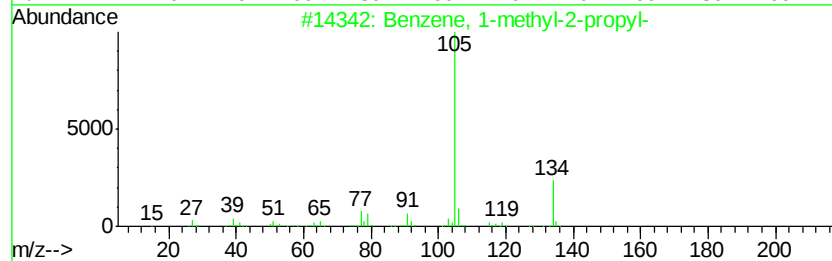
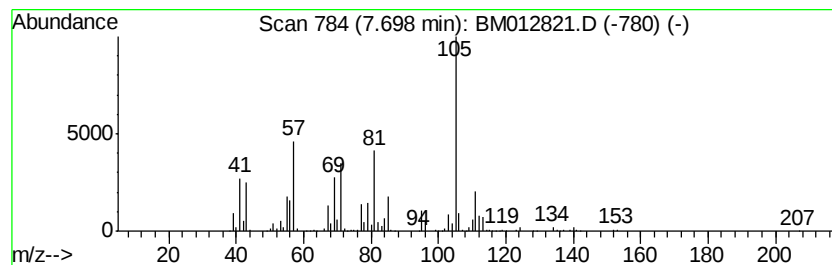
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	17.13 ng/ul	1985950	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	27
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	27
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	27
4		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	27
5		Benzene, 1-(chloromethyl)-3-methyl-	140	C8H9Cl	000620-19-9	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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ALS Vial : 9 Sample Multiplier: 1

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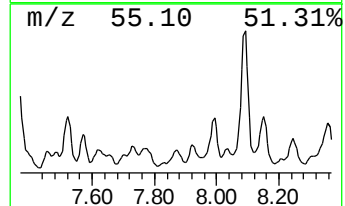
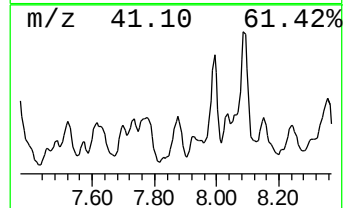
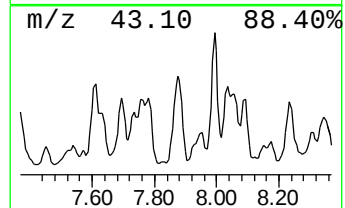
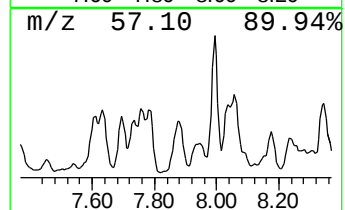
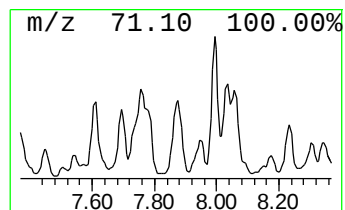
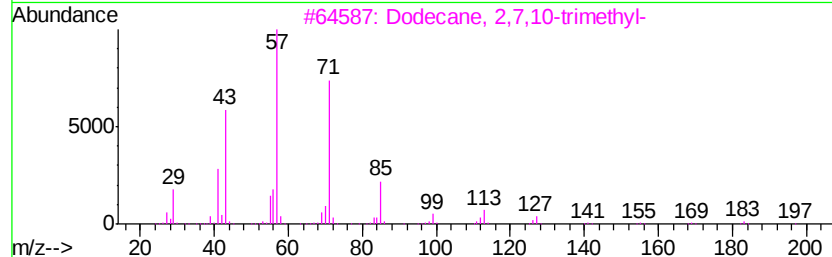
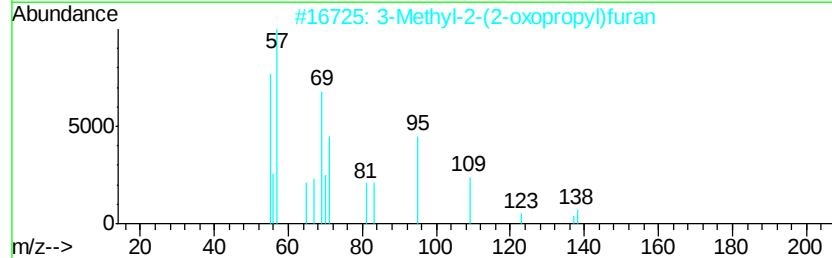
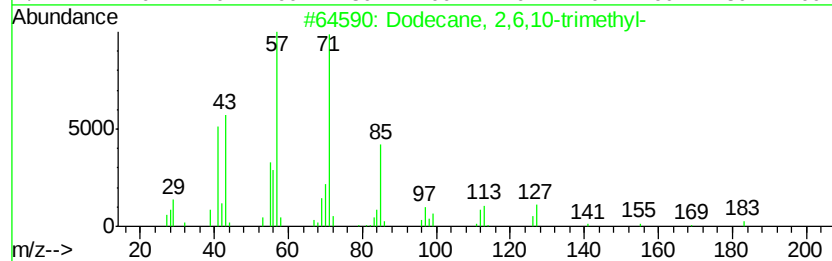
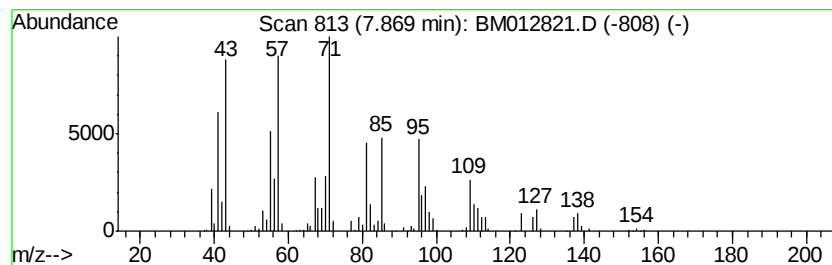
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	20.00 ng/ul	2318640	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
2		3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	38
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	35
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	30
5		Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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ALS Vial : 9 Sample Multiplier: 1

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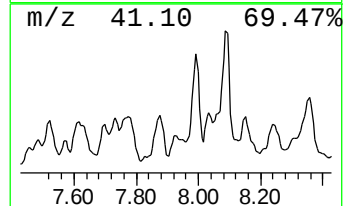
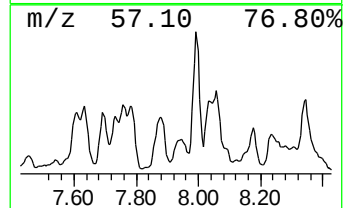
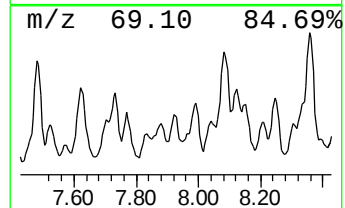
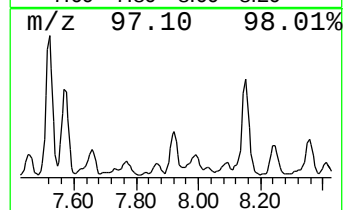
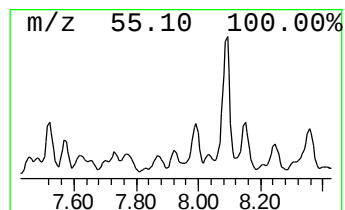
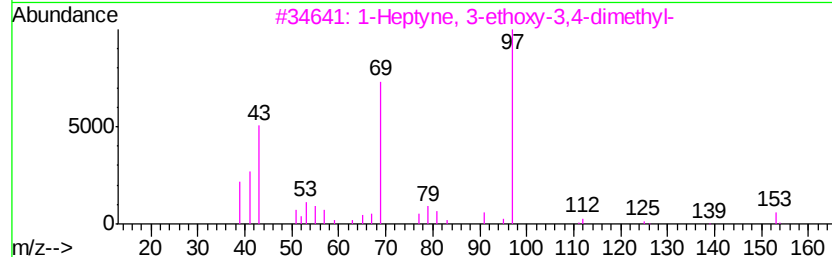
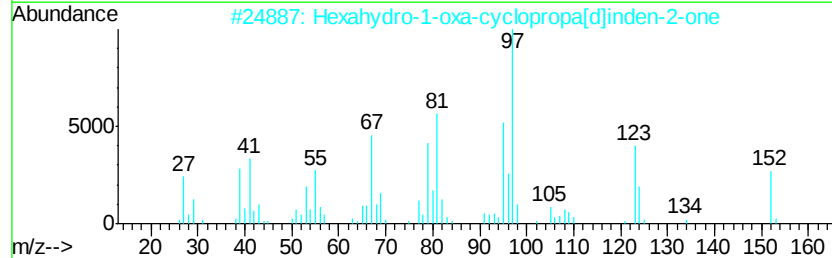
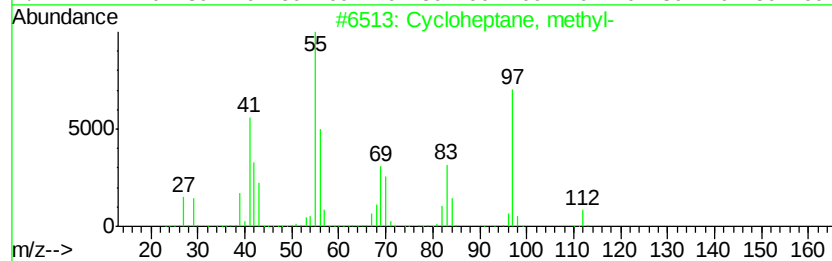
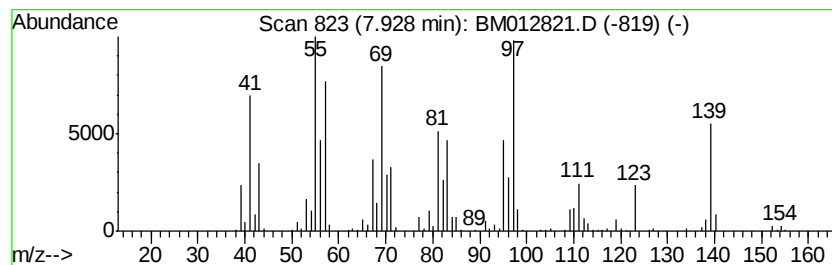
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Cyclic7.93 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	15.60 ng/ul	1808440	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, methyl-	112	C8H16	004126-78-7	30
2		Hexahydro-1-oxa-cyclopropa[d]ind...	152	C9H12O2	037643-23-5	30
3		1-Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	27
4		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	25
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-79(5-6)-102617

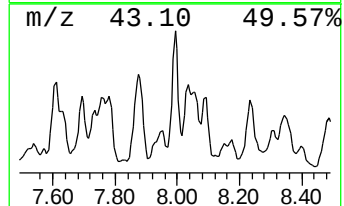
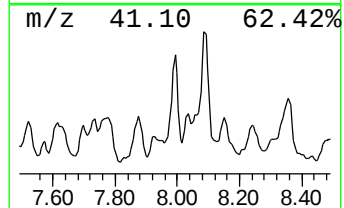
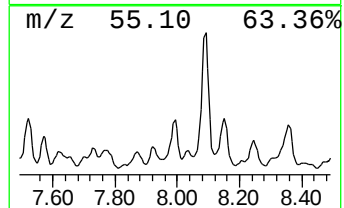
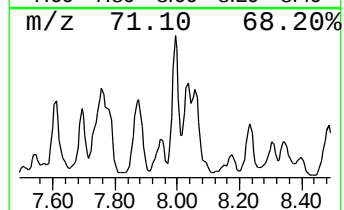
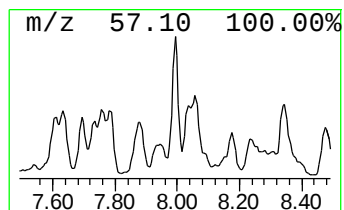
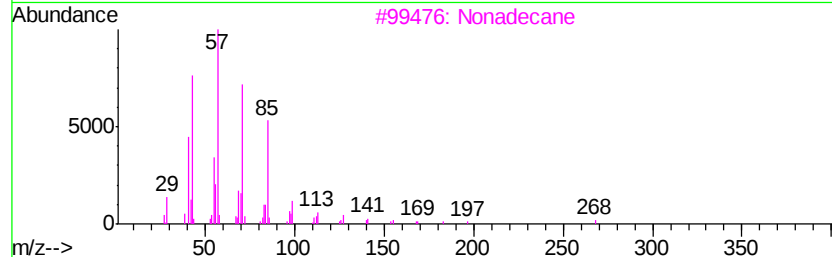
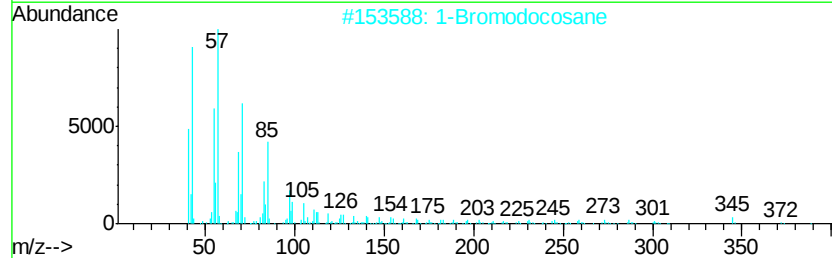
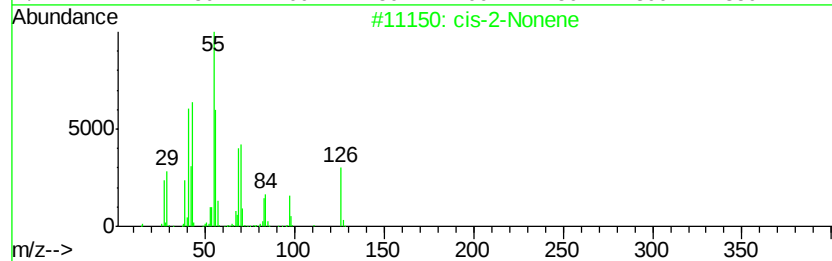
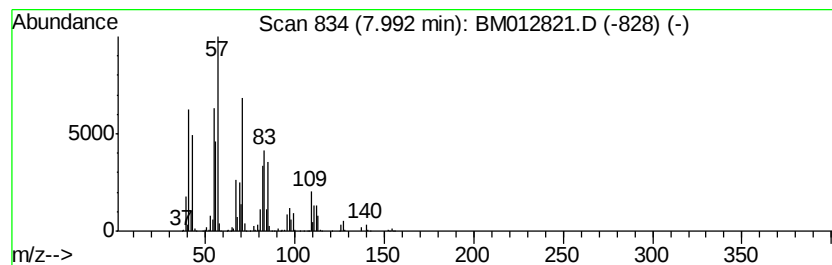
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Cyclic7.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	40.36 ng/ul	4679470	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-2-Nonene	126	C9H18	006434-77-1	38
2		1-Bromodocosane	388	C22H45Br	006938-66-5	38
3		Nonadecane	268	C19H40	000629-92-5	38
4		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
5		Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
B-79(5-6)-102617

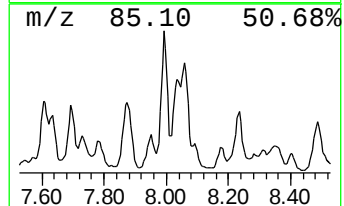
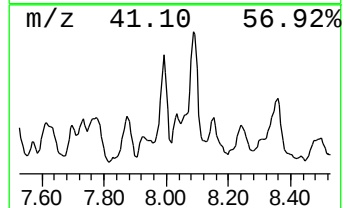
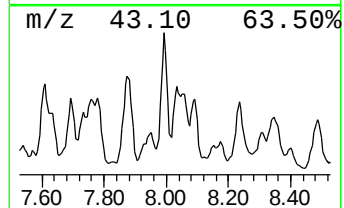
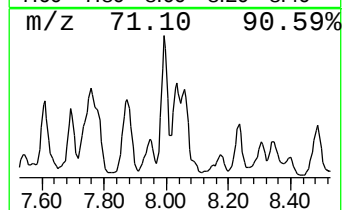
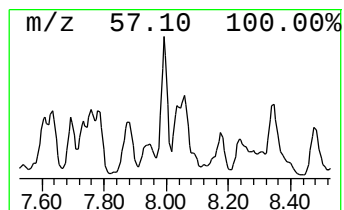
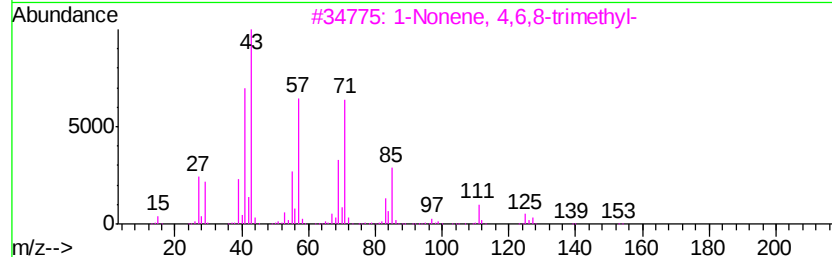
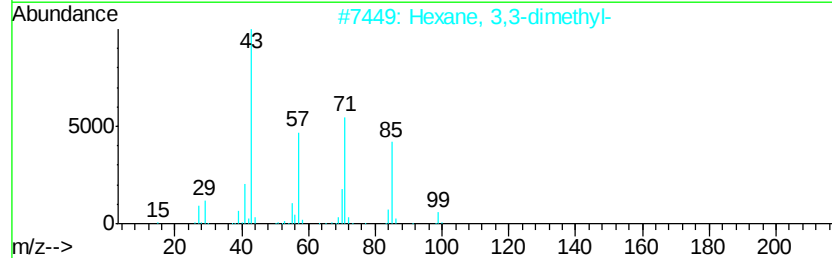
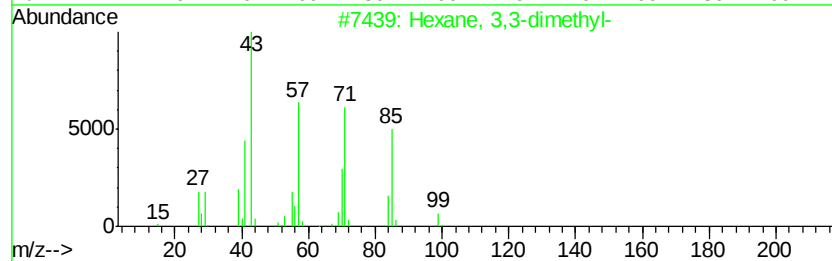
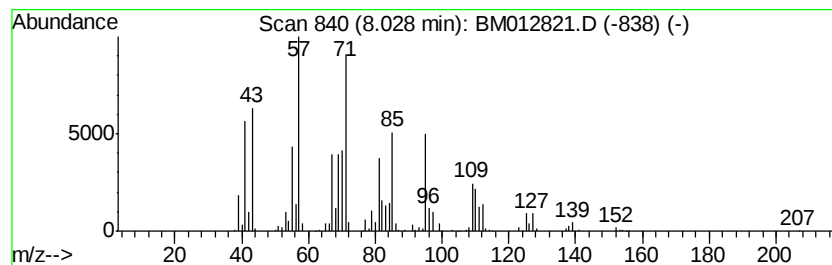
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	16.65 ng/ul	1930290	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
3		1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	50
4		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	50
5		3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

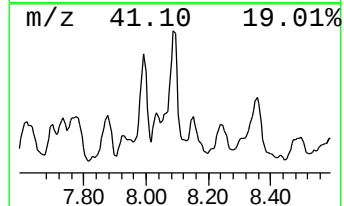
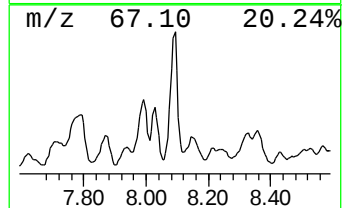
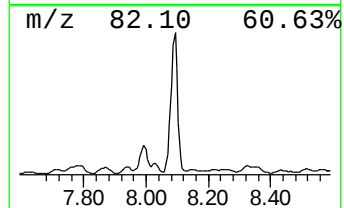
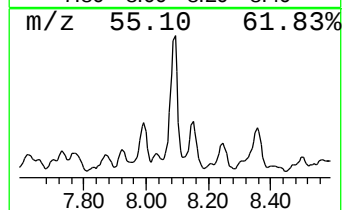
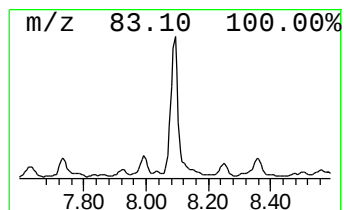
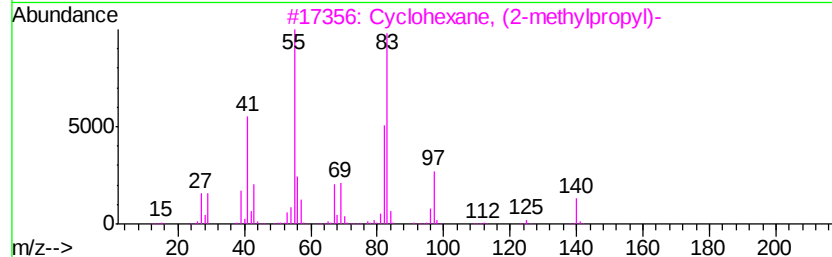
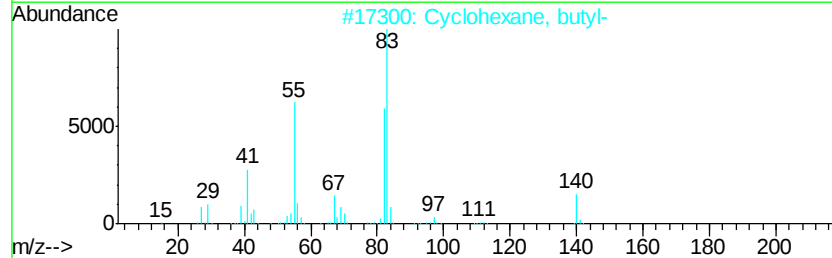
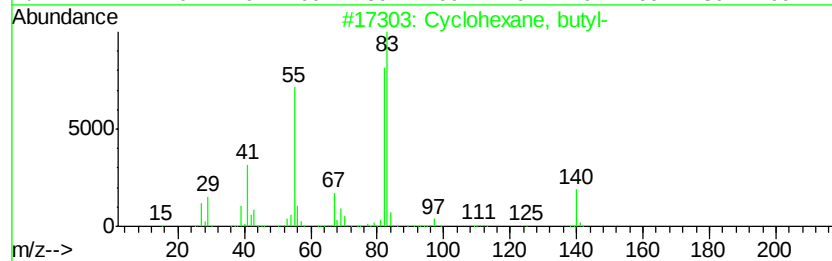
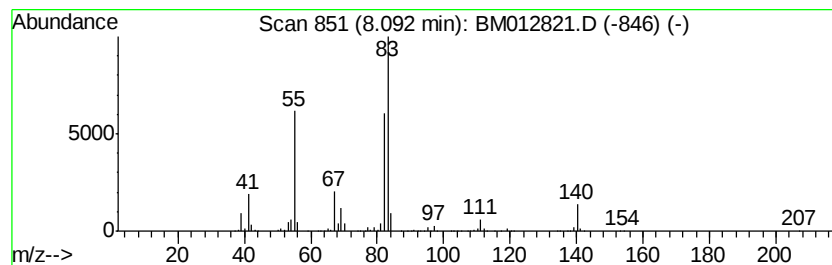
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Cyclic8.09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	59.50 ng/ul	6897960	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

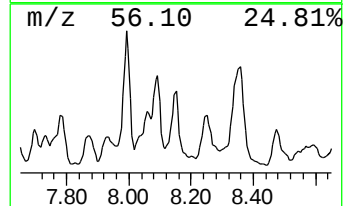
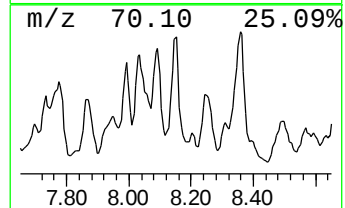
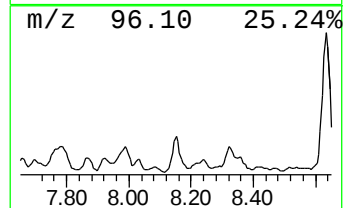
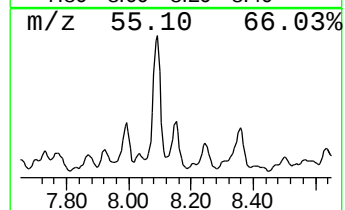
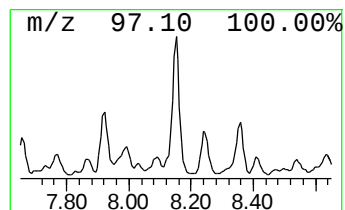
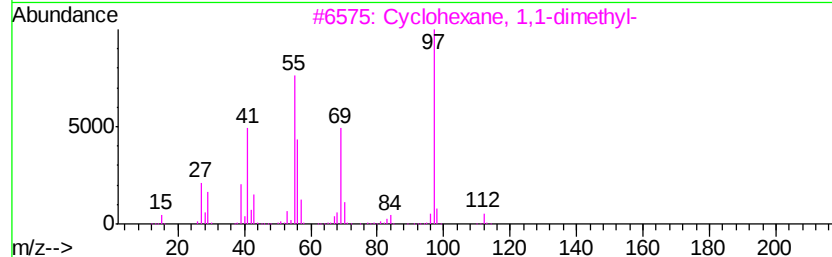
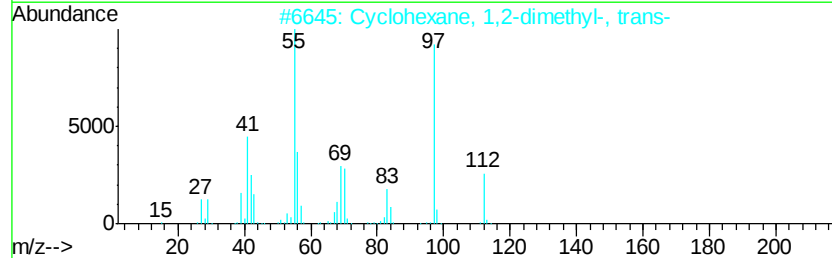
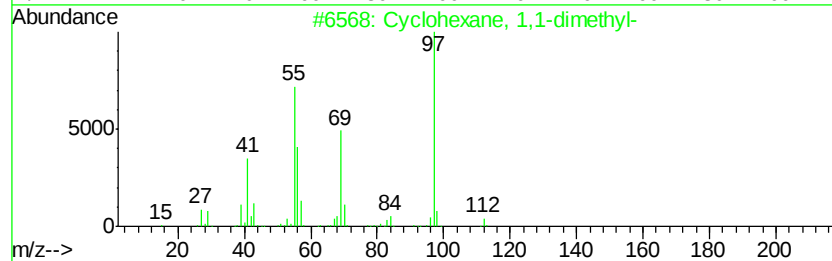
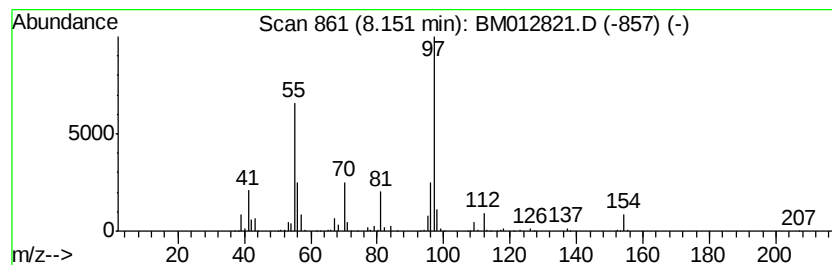
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Cyclic8.15 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	22.44 ng/ul	2601900	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
2		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	59
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
5		Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

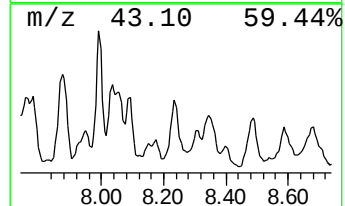
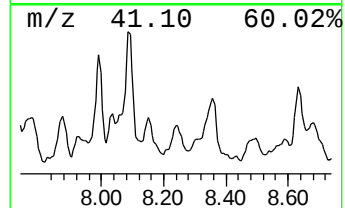
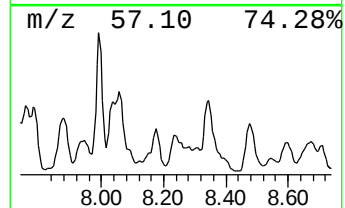
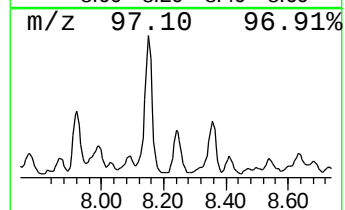
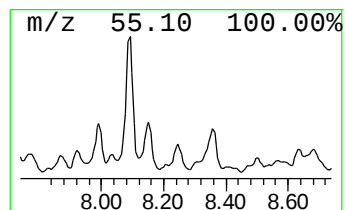
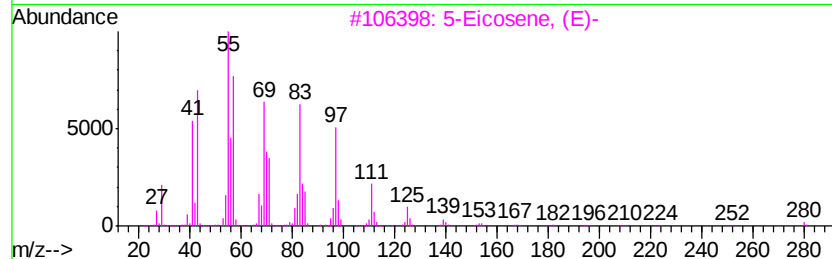
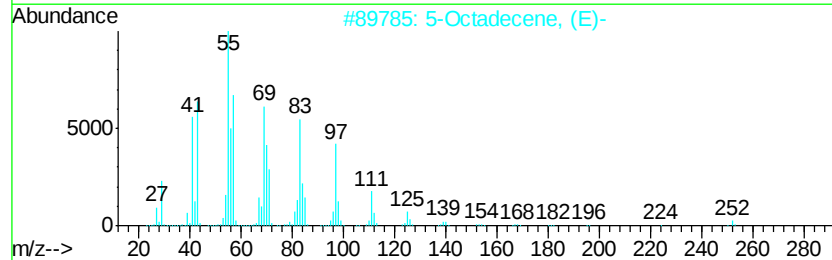
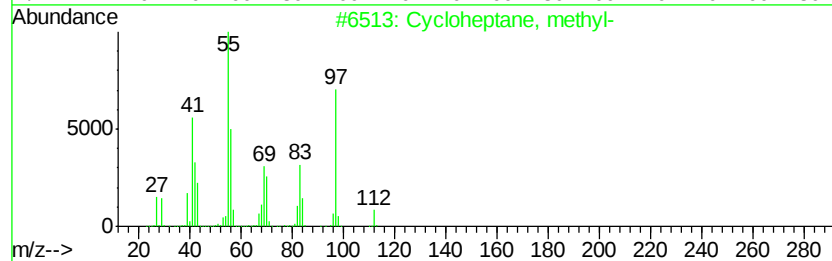
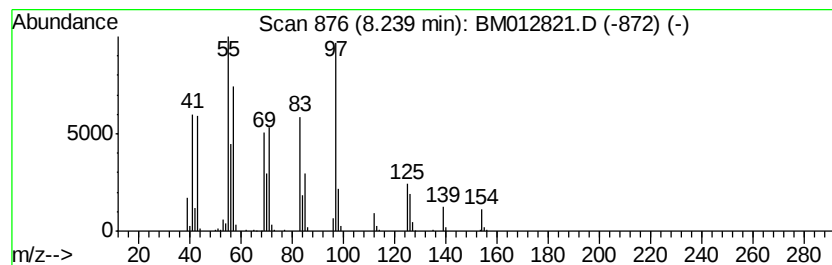
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Cyclic8.24 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	11.71 ng/ul	1358130	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, methyl-	112	C8H16	004126-78-7	43
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	38
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	38
4		Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	38
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

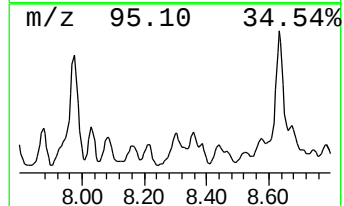
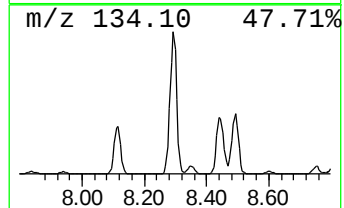
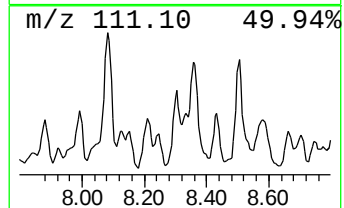
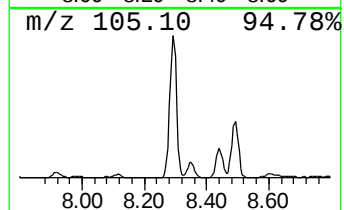
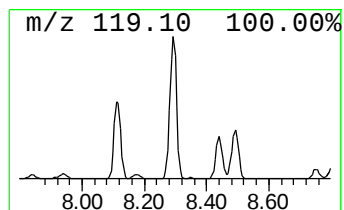
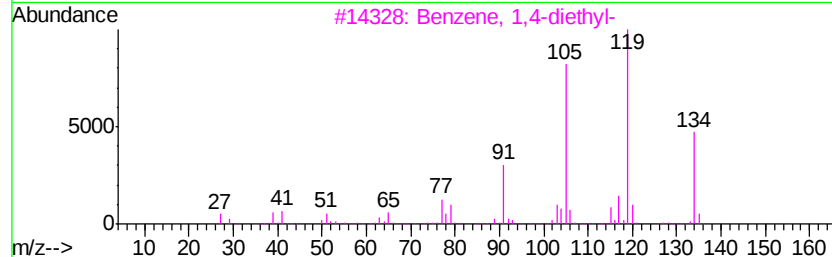
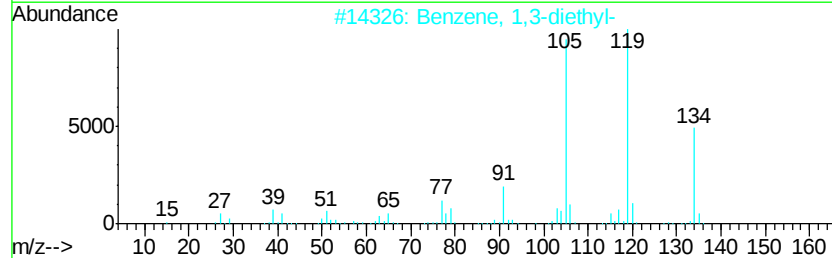
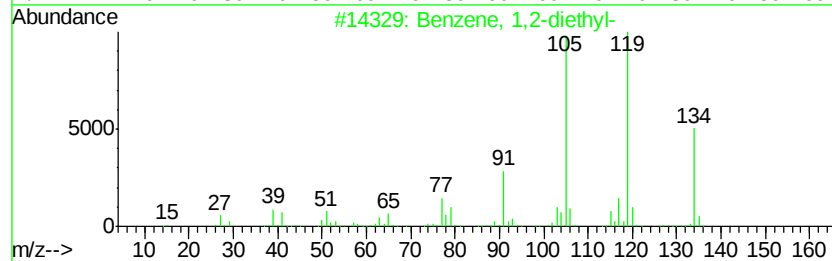
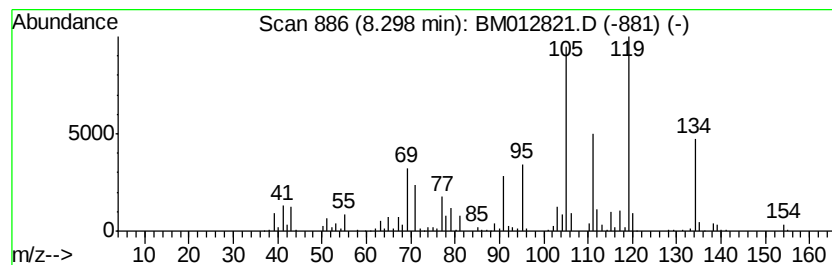
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Benzene, 1,2-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	14.07 ng/ul	1631690	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B-79(5-6)-102617

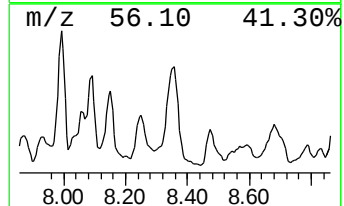
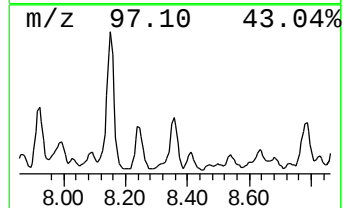
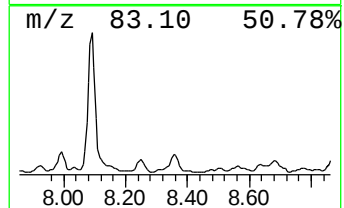
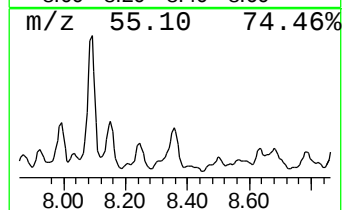
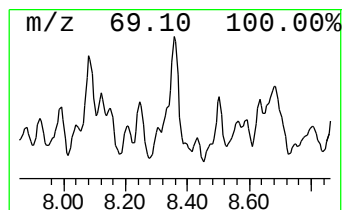
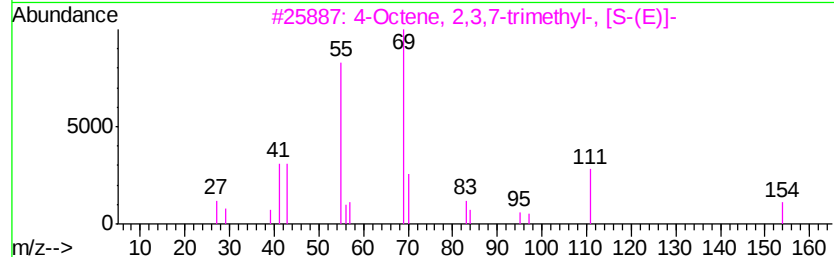
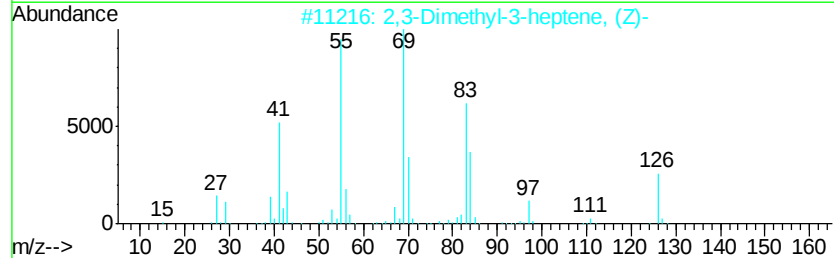
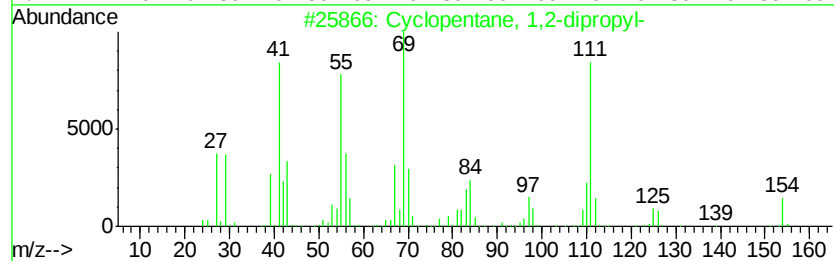
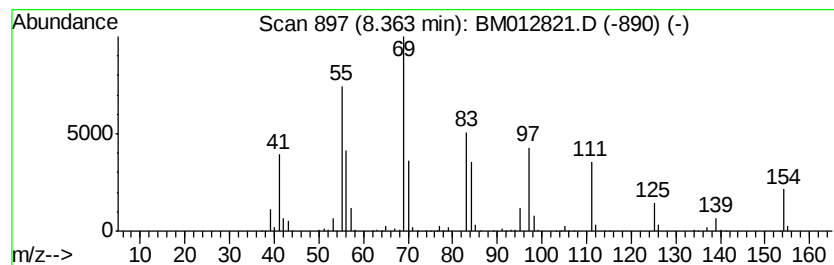
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Cyclic8.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	40.25 ng/ul	4665960	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	47
2		2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	47
3		4-Octene, 2,3,7-trimethyl-, [S-(...]	154	C11H22	052763-13-0	47
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47
5		4-Undecene, (E)-	154	C11H22	000693-62-9	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampled :
B-79(5-6)-102617

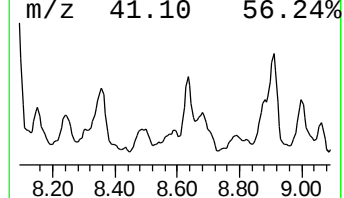
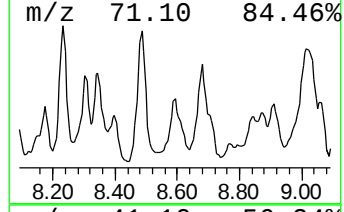
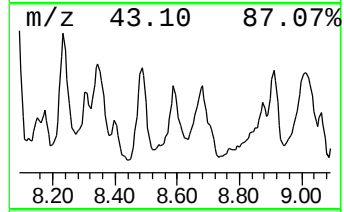
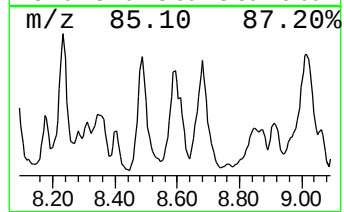
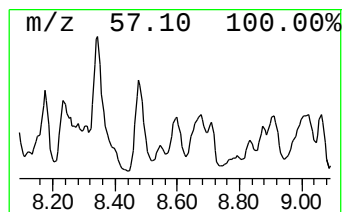
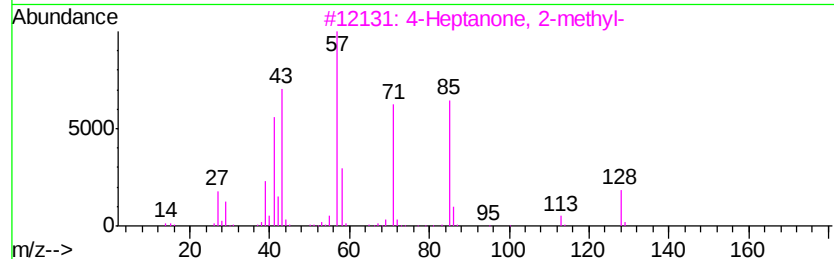
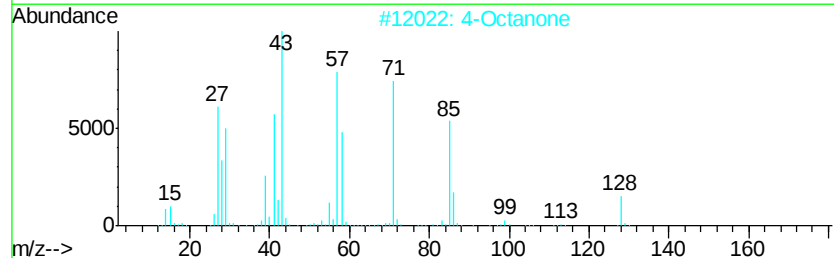
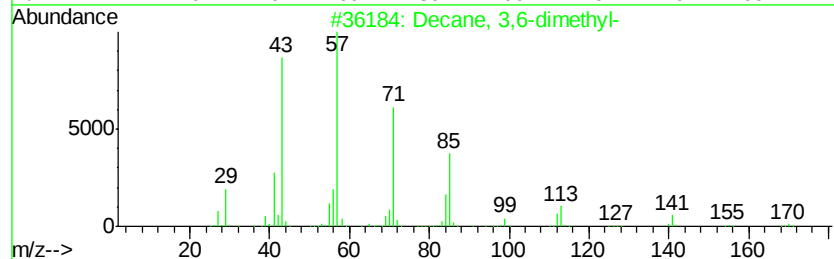
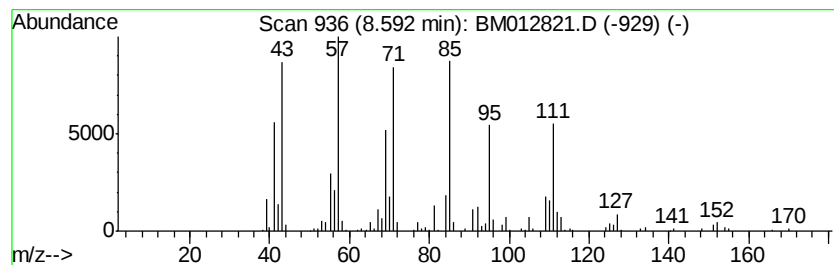
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	6.39 ng/ul	740596	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46
2		4-Octanone	128	C8H16O	000589-63-9	43
3		4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	43
4		Decane, 4-ethyl-	170	C12H26	001636-44-8	38
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

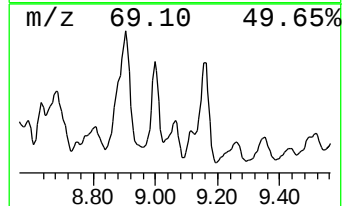
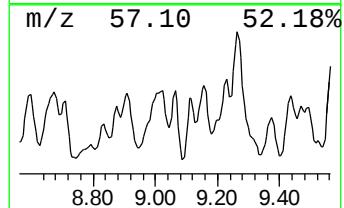
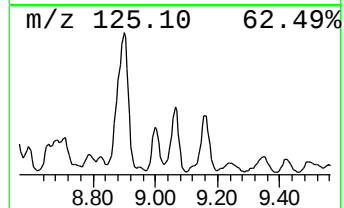
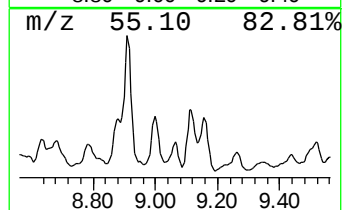
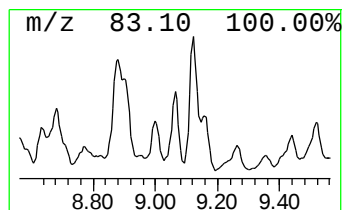
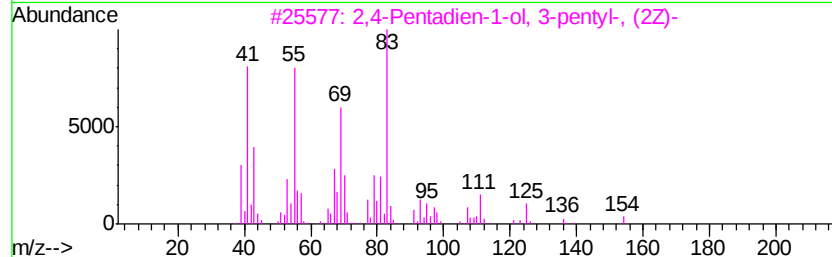
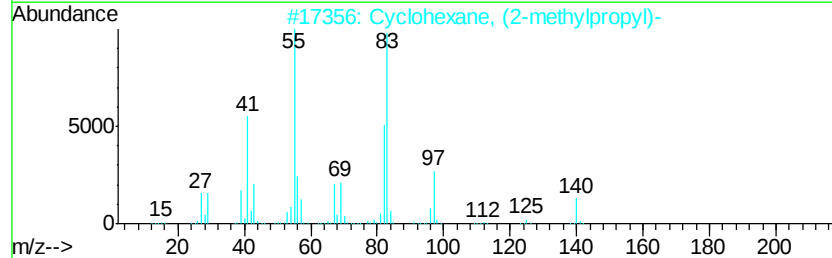
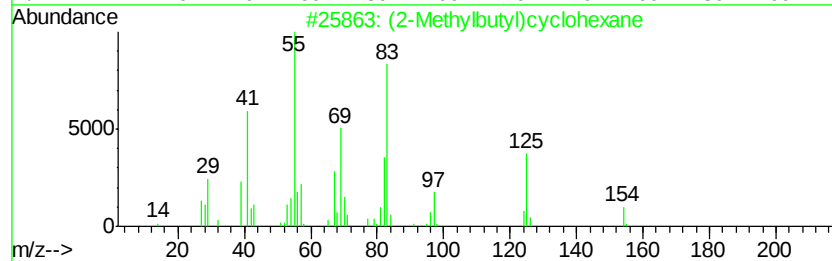
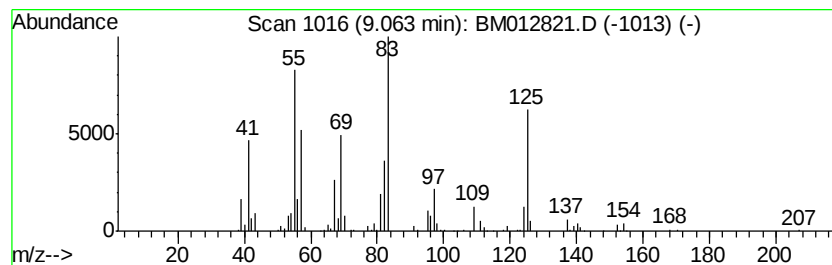
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Cyclic9.06 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	12.84 ng/ul	1488360	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	64
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
3		2,4-Pentadien-1-ol, 3-pentyl-, (...)	154	C10H18O	1000142-19-7	47
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

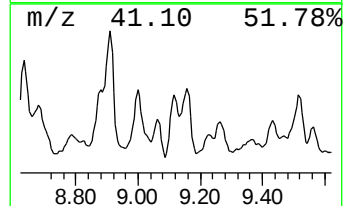
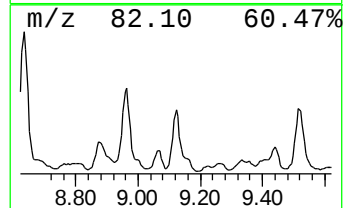
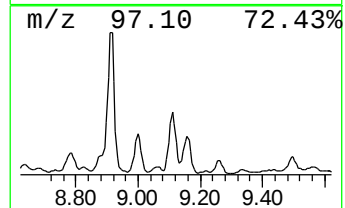
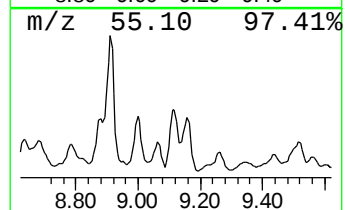
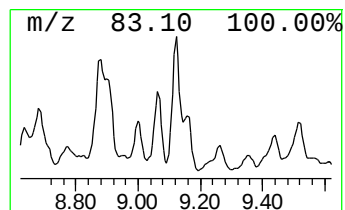
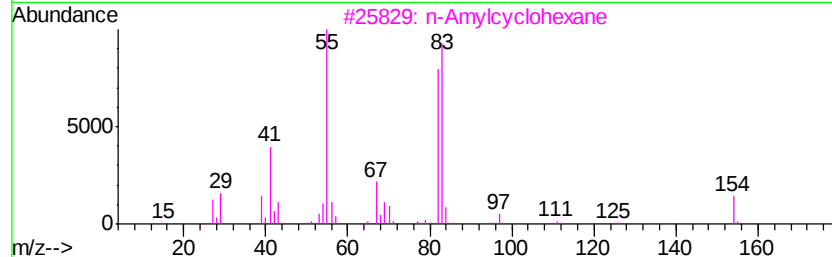
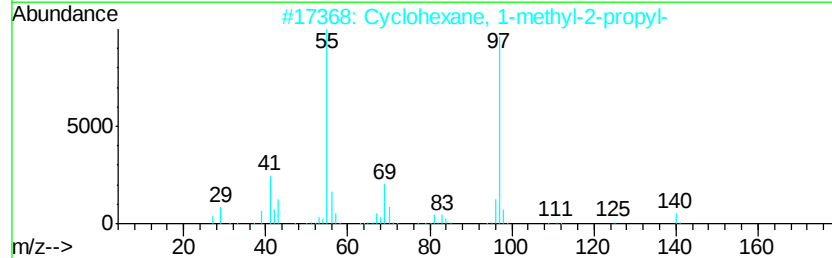
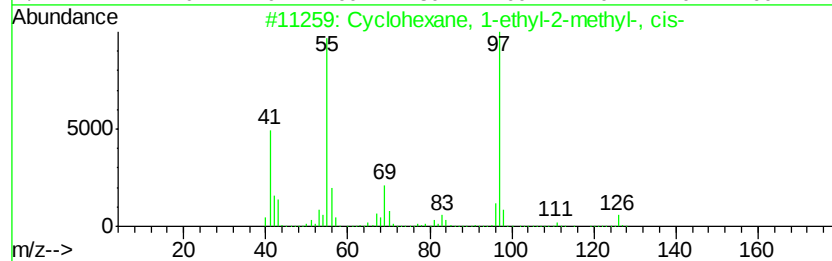
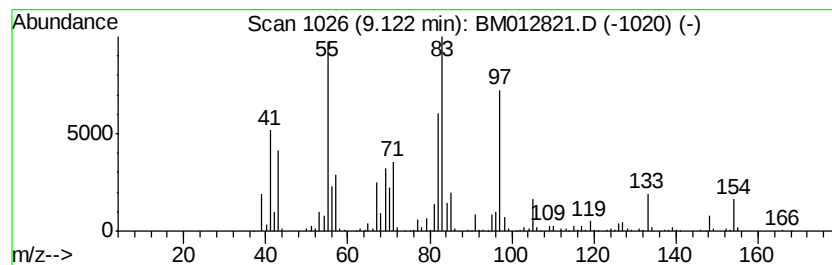
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Cyclic9.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	25.69 ng/ul	2978410	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	35
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	35
3		n-Amylcyclohexane	154	C11H22	029949-27-7	27
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
5		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

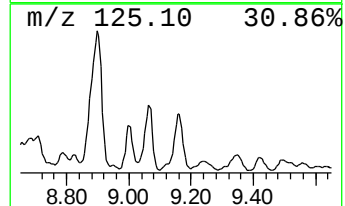
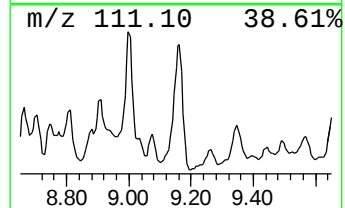
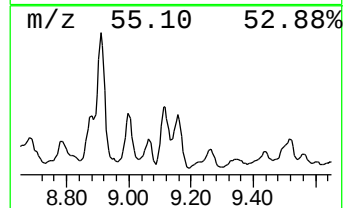
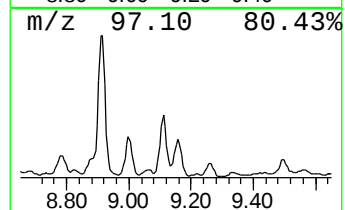
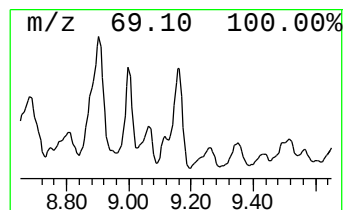
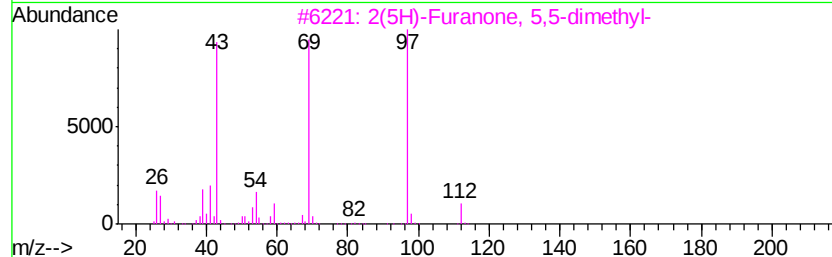
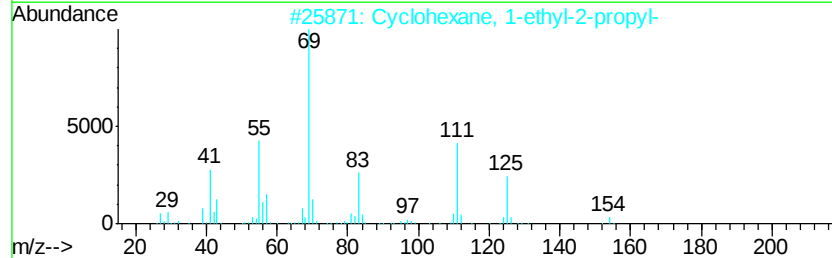
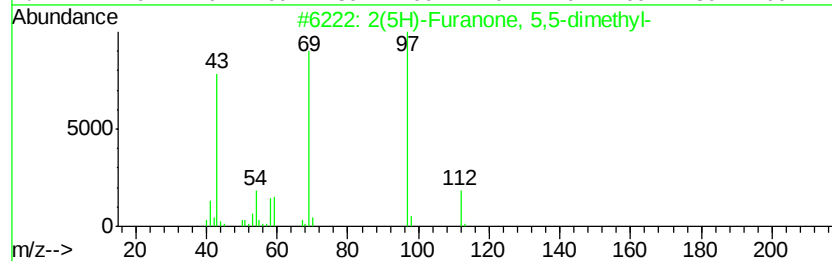
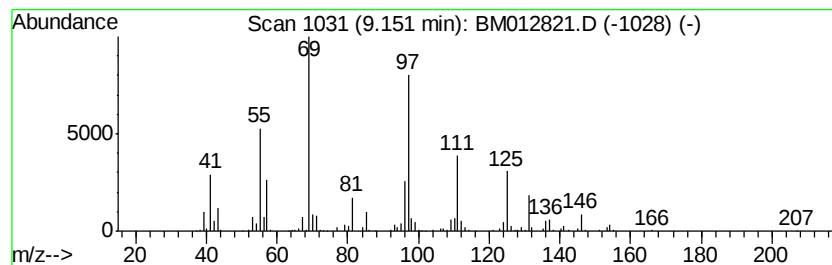
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	36.68 ng/ul	4252090	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	43
2		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	43
3		2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	43
4		2-t-Butyl-5-isopropyl-6-methyl[1...	214	C12H22O3	129287-66-7	35
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

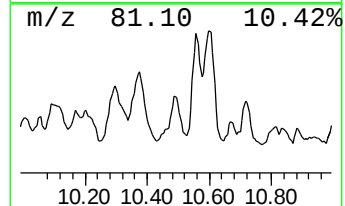
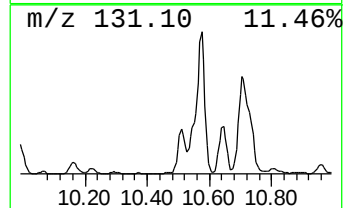
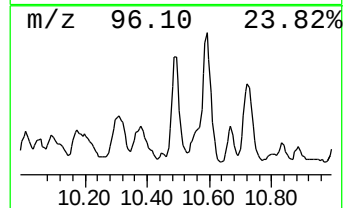
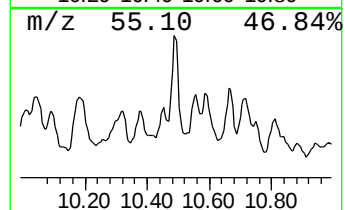
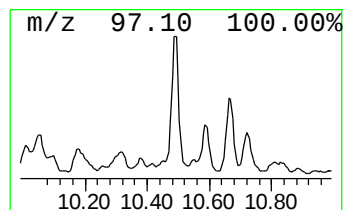
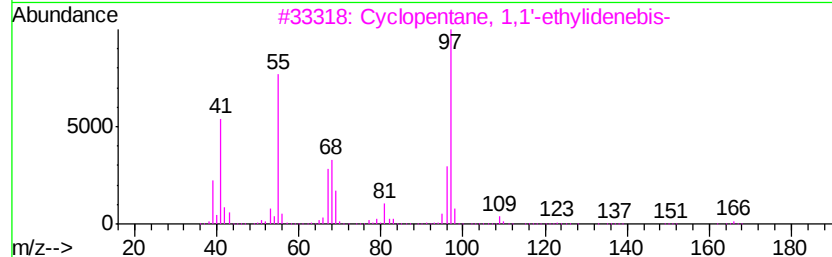
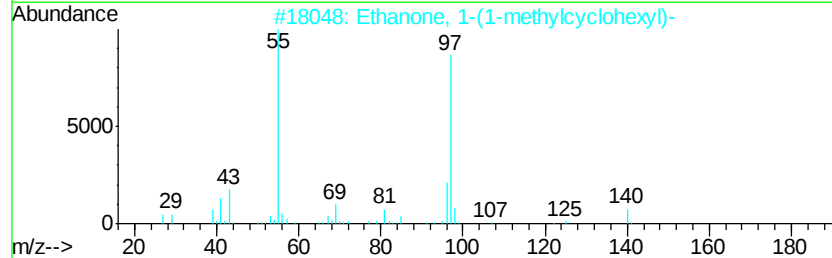
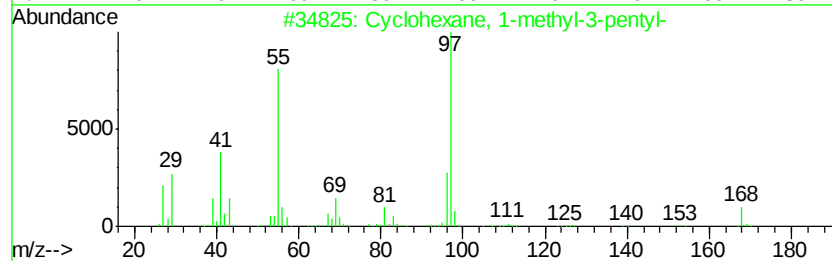
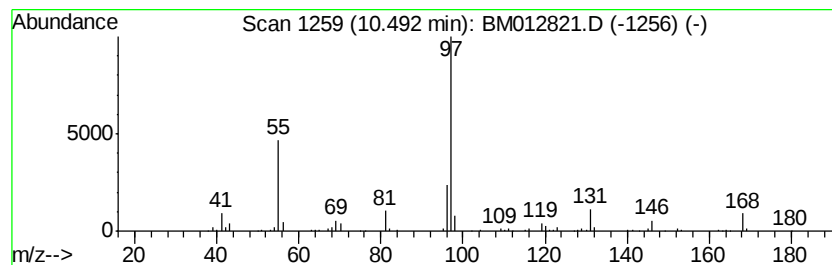
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Cyclic10.49 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	4.71 ng/ul	814315	Napthalene-d8	10.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-3-pentyl-	168 C12H24	054411-02-8 80
2		Ethanone, 1-(1-methylcyclohexyl)-	140 C9H16O	002890-62-2 72
3		Cyclopentane, 1,1'-ethylidenebis-	166 C12H22	004413-21-2 64
4		Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7 56
5		2-Hexenoic acid, 4-methylphenyl ...	204 C13H16O2	069687-91-8 56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

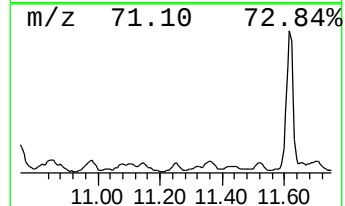
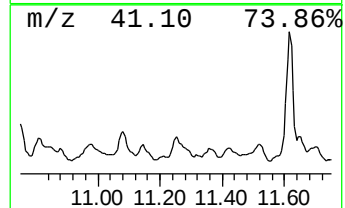
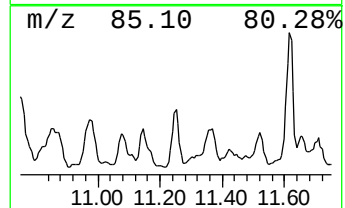
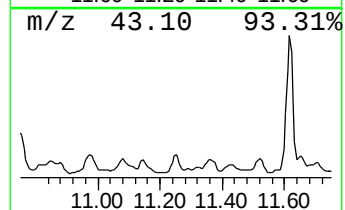
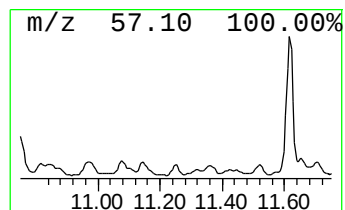
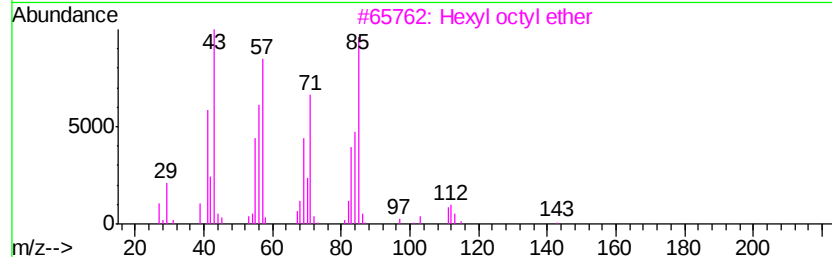
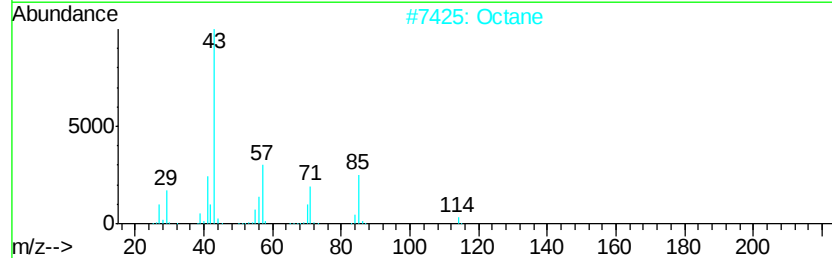
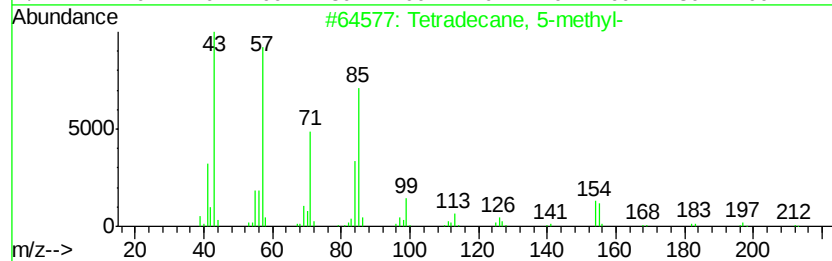
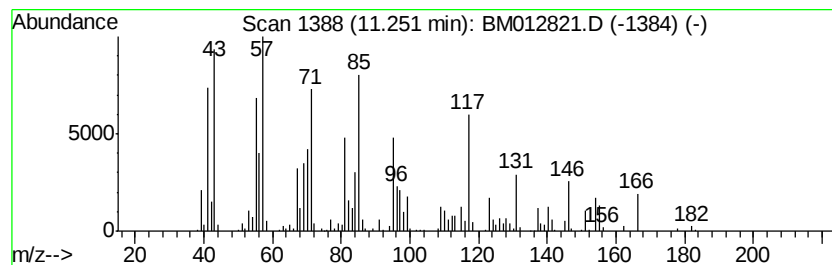
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	4.50 ng/ul	778793	Naphthalene-d8	10.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	38
2			Octane	114	C8H18	000111-65-9	30
3			Hexyl octyl ether	214	C14H30O	017071-54-4	30
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	30
5			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

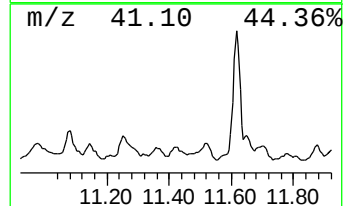
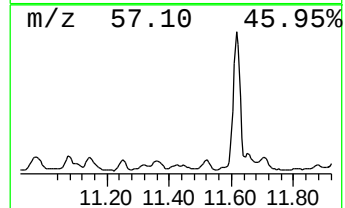
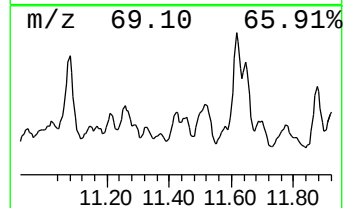
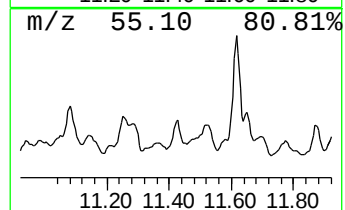
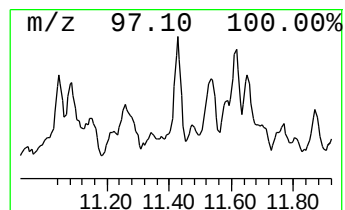
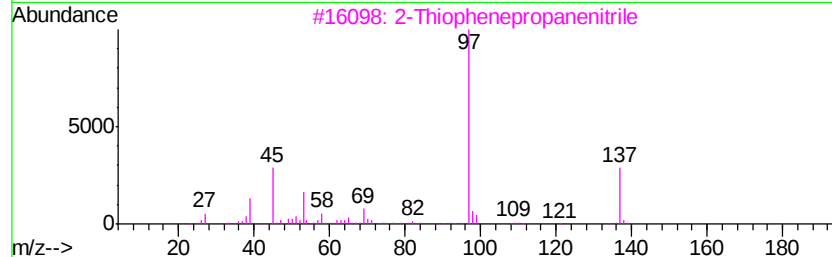
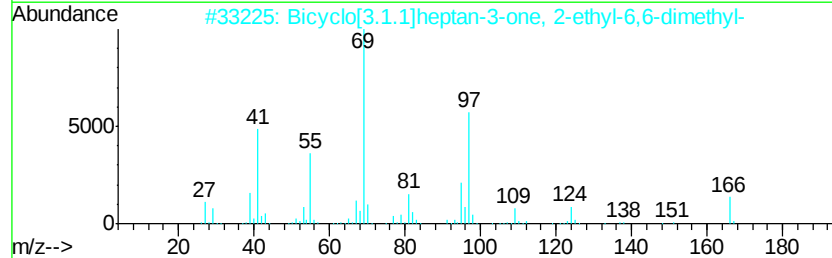
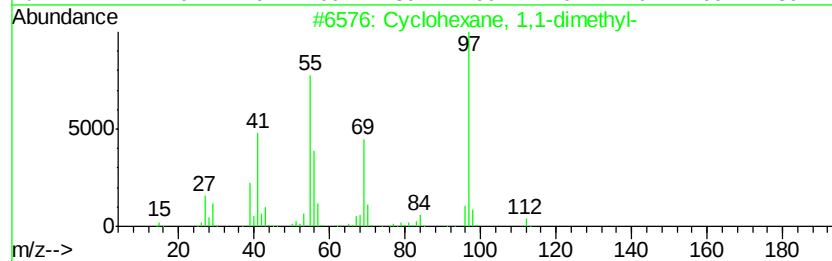
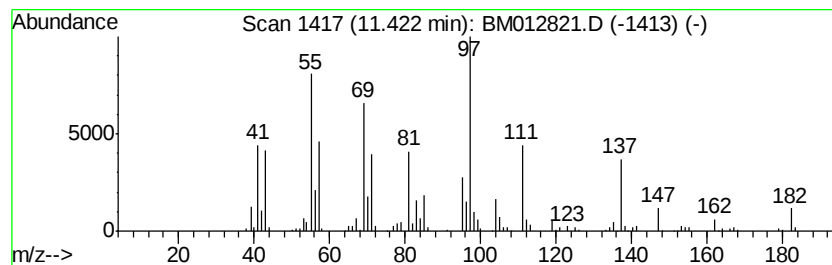
Instrument :
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ClientSampleId :
B-79(5-6)-102617

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

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

Peak Number 55 (DEL) Alkane: Cyclic11.42 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.72 ng/ul	643300	Napthalene-d8	10.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9 42
2		Bicyclo[3.1.1]heptan-3-one, 2-et...	166 C11H18O	1000163-95-9 35
3		2-Thiophenepropanenitrile	137 C7H7NS	005722-13-4 30
4		Cyclohexane, 1,3-dimethyl-, trans-	112 C8H16	002207-03-6 30
5		Triallylmethylsilane	166 C10H18Si	001112-91-0 30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-79(5-6)-102617

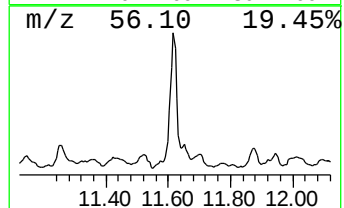
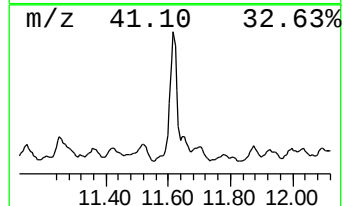
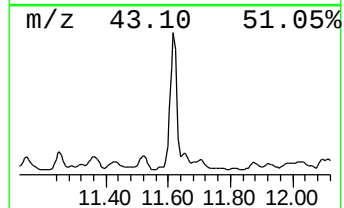
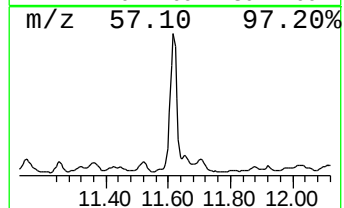
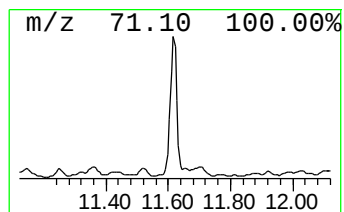
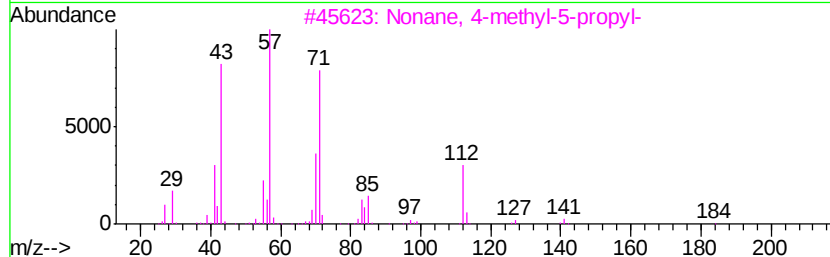
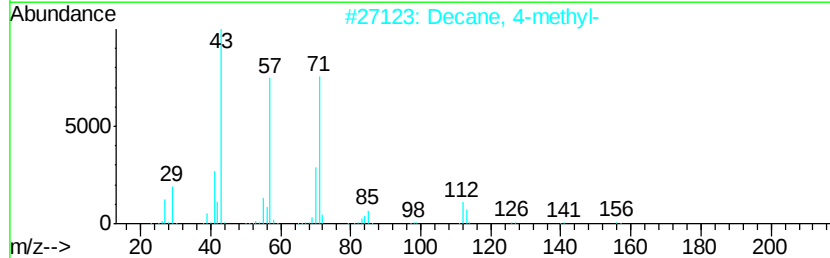
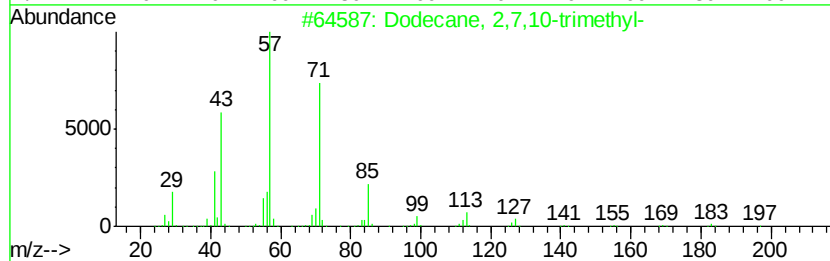
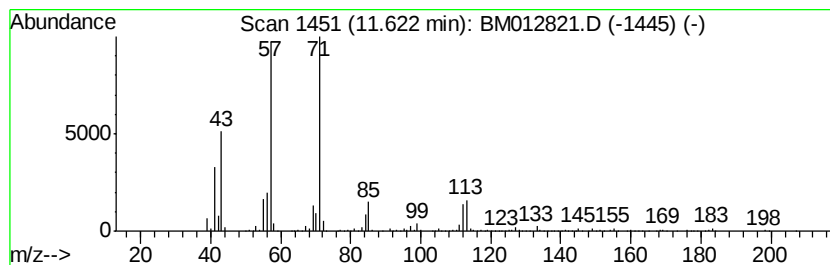
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	20.63 ng/ul	3567190	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2		Decane, 4-methyl-	156	C11H24	002847-72-5	64
3		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-79(5-6)-102617

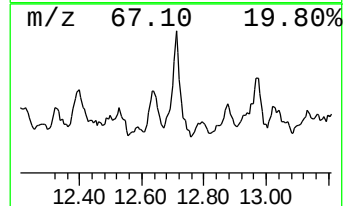
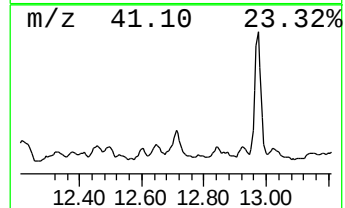
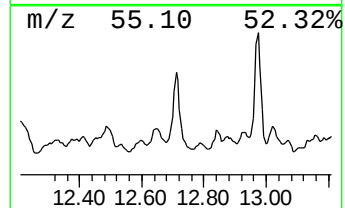
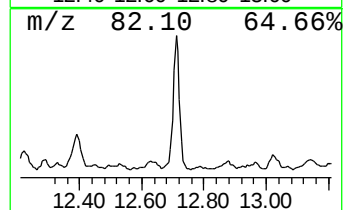
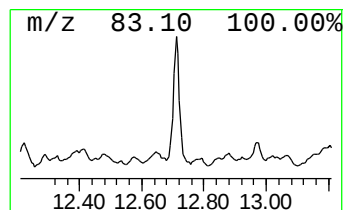
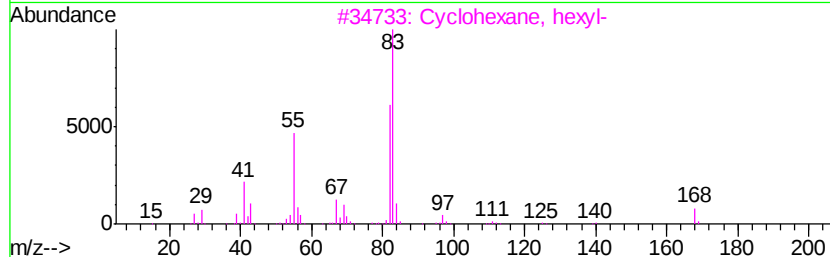
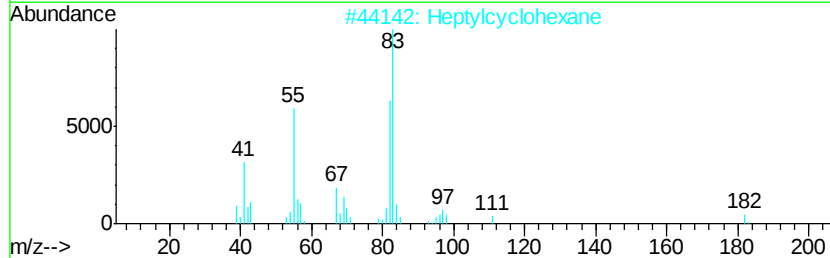
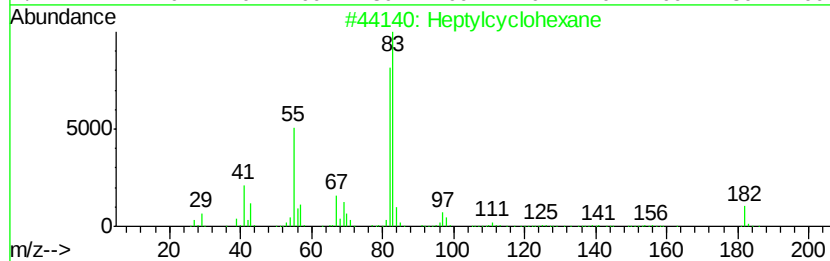
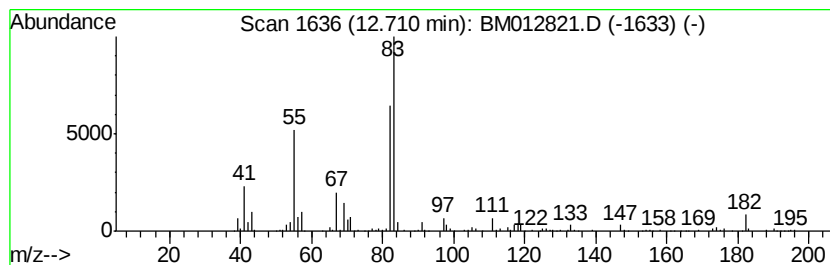
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 60 (DEL) Alkane: Cyclic12.71 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	9.33 ng/ul	827131	Acenaphthene-d10	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	80
2			Heptylcyclohexane	182	C13H26	005617-41-4	78
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

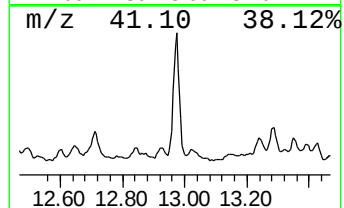
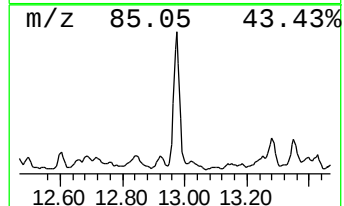
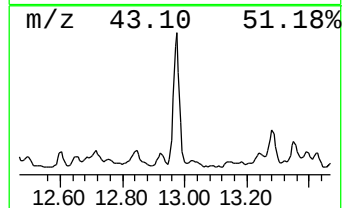
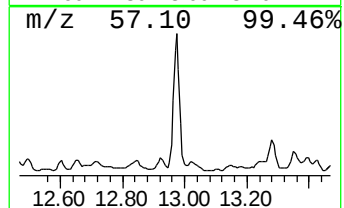
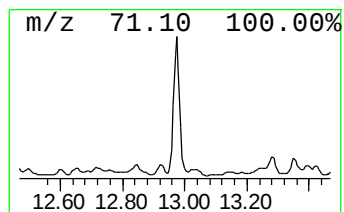
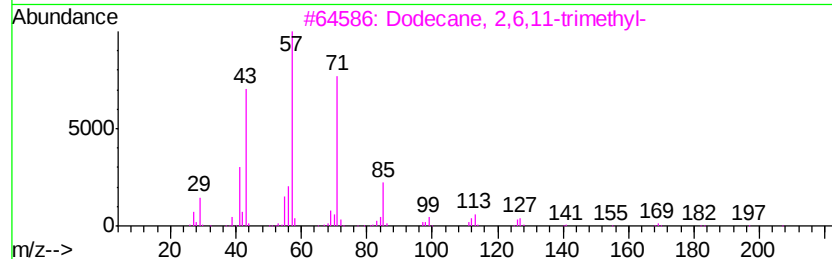
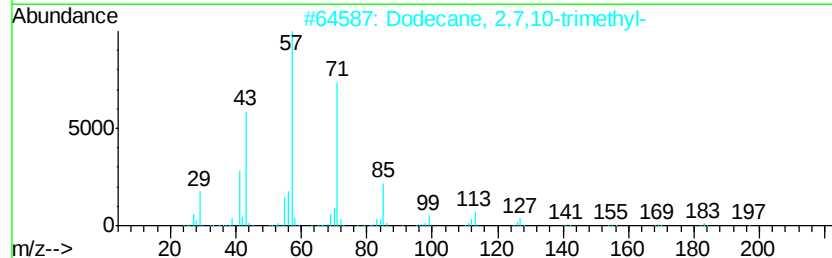
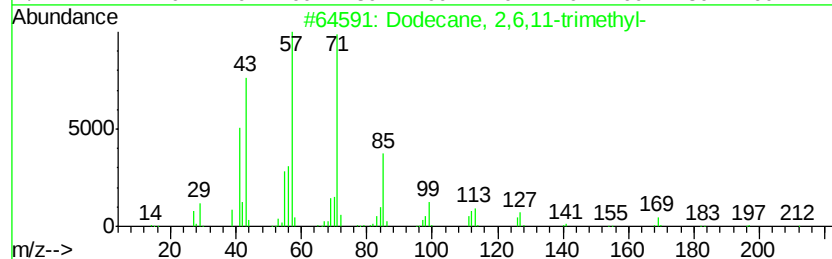
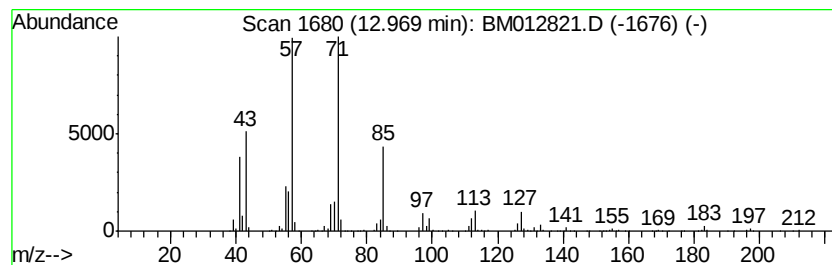
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Quant Title : SVOA CALIBRATION

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	36.03 ng/ul	3193710	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

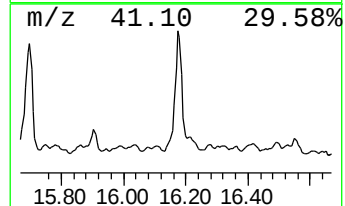
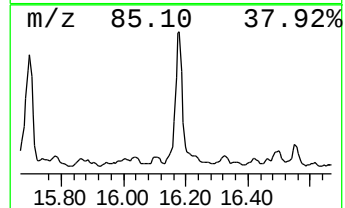
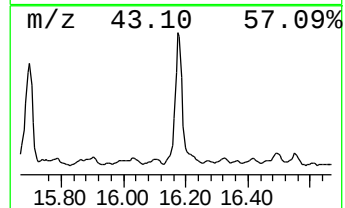
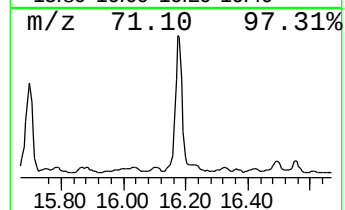
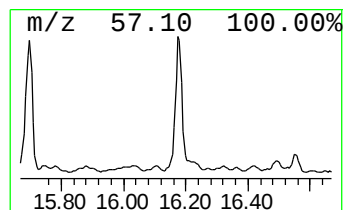
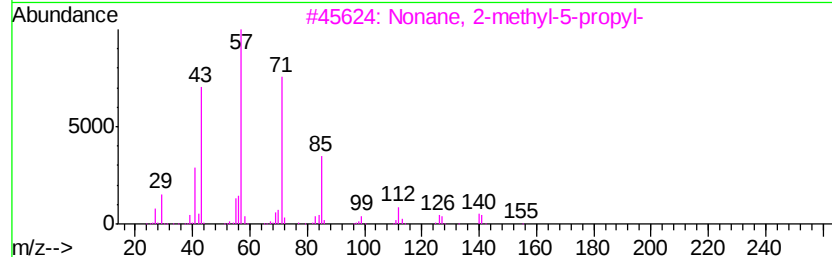
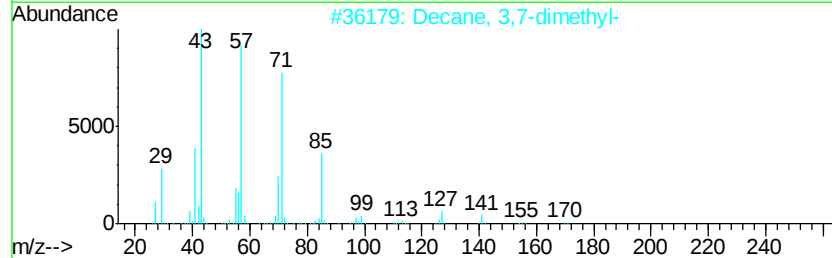
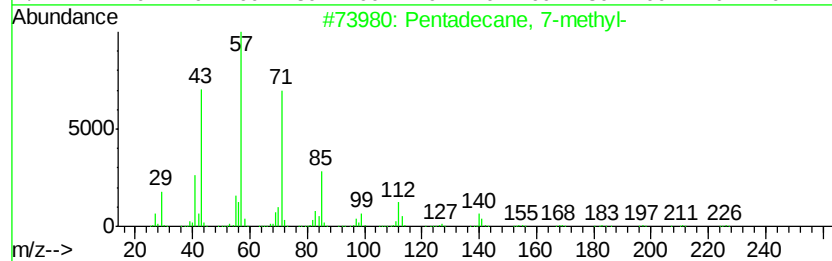
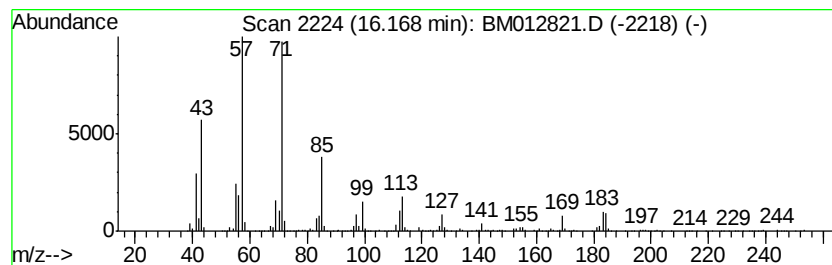
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Quant Title : SVOA CALIBRATION

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	36.86 ng/ul	3444050	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012821.D
Acq On : 08 Nov 2017 15:10
Operator : SJ/JU
Sample : I6175-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-79(5-6)-102617

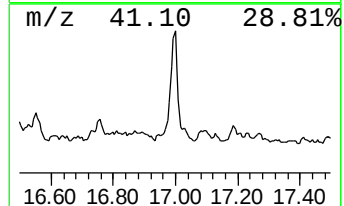
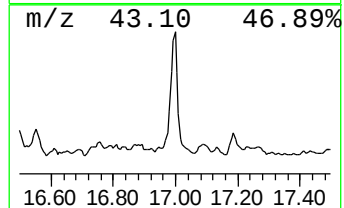
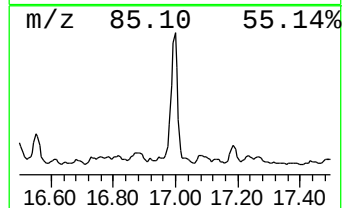
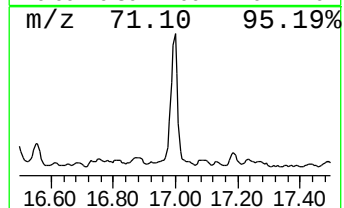
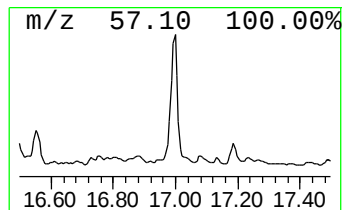
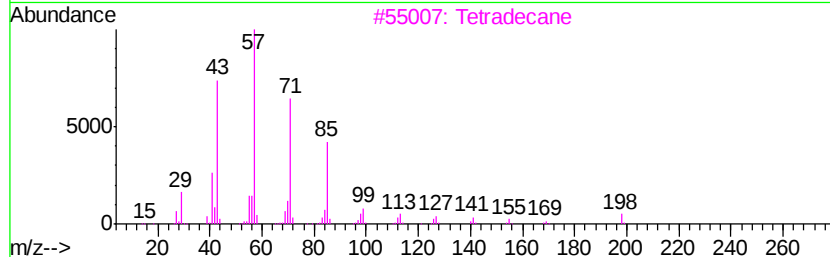
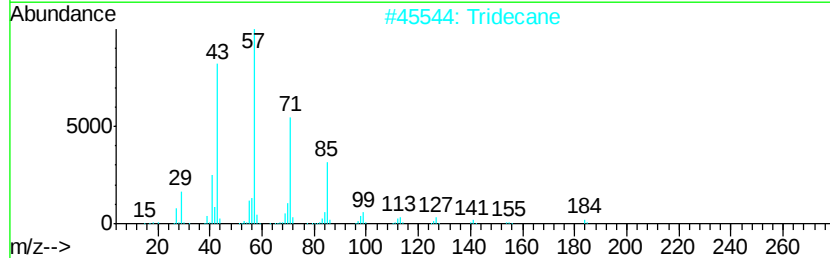
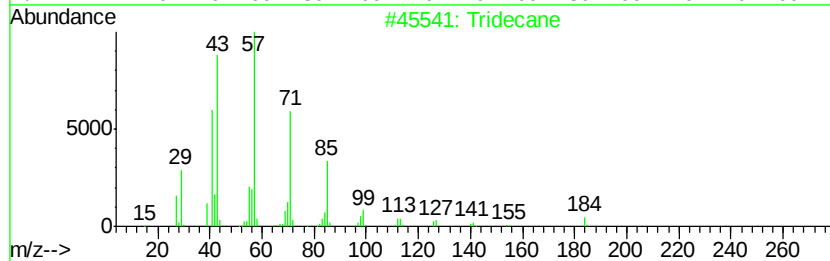
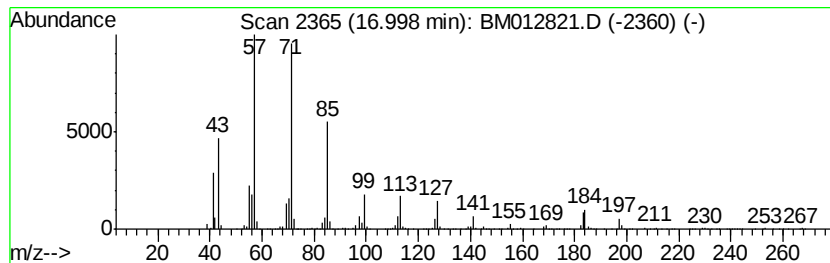
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Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	21.18 ng/ul	1978940	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Tridecane	184	C13H28	000629-50-5	87
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012821.D
 Acq On : 08 Nov 2017 15:10
 Operator : SJ/JU
 Sample : I6175-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-79(5-6)-102617

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

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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(DEL) Alkane: Str...	4.85	12.6	ng/ul	1456140	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	4.92	5.9	ng/ul	683741	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	4.96	9.5	ng/ul	1102000	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	5.02	11.3	ng/ul	1309260	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	5.25	11.1	ng/ul	1284100	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	5.62	7.6	ng/ul	881522	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	5.69	10.8	ng/ul	1248070	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	5.76	16.2	ng/ul	1880250	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	5.83	12.9	ng/ul	1489330	1	7.80	2318640	20.0
unknown-01	5.90	8.3	ng/ul	959616	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	6.08	35.5	ng/ul	4119160	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	6.18	10.9	ng/ul	1258490	1	7.80	2318640	20.0
(DEL) Alkane: Str...	6.29	39.7	ng/ul	4605330	1	7.80	2318640	20.0
(DEL) Alkane: Str...	6.36	7.4	ng/ul	862990	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	6.45	84.2	ng/ul	9758460	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	6.56	13.6	ng/ul	1574370	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	6.62	16.2	ng/ul	1872910	1	7.80	2318640	20.0
(DEL) Alkane: Str...	6.70	17.7	ng/ul	2047390	1	7.80	2318640	20.0
3-Octyne, 2-methyl-	6.79	19.4	ng/ul	2253750	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	6.90	10.9	ng/ul	1259490	1	7.80	2318640	20.0
Cyclohexene, 1-me...	7.19	20.4	ng/ul	2362470	1	7.80	2318640	20.0
1-Methyl-4-(1-met...	7.23	10.5	ng/ul	1219960	1	7.80	2318640	20.0
4-Piperidinamine,...	7.46	8.7	ng/ul	1006000	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	7.52	20.9	ng/ul	2421590	1	7.80	2318640	20.0
Cyclopentane, 1-h...	7.57	5.5	ng/ul	637270	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	7.62	20.1	ng/ul	2331770	1	7.80	2318640	20.0
unknown-02	7.70	17.1	ng/ul	1985950	1	7.80	2318640	20.0
(DEL) Alkane: Str...	7.87	20.0	ng/ul	2318640	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	7.93	15.6	ng/ul	1808440	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	7.99	40.4	ng/ul	4679470	1	7.80	2318640	20.0
(DEL) Alkane: Str...	8.03	16.6	ng/ul	1930290	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	8.09	59.5	ng/ul	6897960	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	8.15	22.4	ng/ul	2601900	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	8.24	11.7	ng/ul	1358130	1	7.80	2318640	20.0
Benzene, 1,2-diet...	8.30	14.1	ng/ul	1631690	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	8.36	40.3	ng/ul	4665960	1	7.80	2318640	20.0
(DEL) Alkane: Str...	8.59	6.4	ng/ul	740596	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	9.06	12.8	ng/ul	1488360	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	9.12	25.7	ng/ul	2978410	1	7.80	2318640	20.0
unknown-03	9.15	36.7	ng/ul	4252090	1	7.80	2318640	20.0
(DEL) Alkane: Cyc...	10.49	4.7	ng/ul	814315	2	10.59	3457890	20.0
(DEL) Alkane: Str...	11.25	4.5	ng/ul	778793	2	10.59	3457890	20.0
(DEL) Alkane: Cyc...	11.42	3.7	ng/ul	643300	2	10.59	3457890	20.0
(DEL) Alkane: Str...	11.62	20.6	ng/ul	3567190	2	10.59	3457890	20.0
(DEL) Alkane: Cyc...	12.71	9.3	ng/ul	827131	3	14.44	1772940	20.0
(DEL) Alkane: Str...	12.97	36.0	ng/ul	3193710	3	14.44	1772940	20.0
(DEL) Alkane: Str...	16.17	36.9	ng/ul	3444050	4	17.19	1868520	20.0
(DEL) Alkane: Str...	17.00	21.2	ng/ul	1978940	4	17.19	1868520	20.0