

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
 Data File : BM005559.D
 Acq On : 21 May 2016 20:22
 Operator : UM/SJ
 Sample : H3086-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGJ1

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.104	590	598	605	rBV4	407825	924769	7.79%	0.559%
2	6.222	611	618	625	rVB2	238194	492781	4.15%	0.298%
3	6.316	628	634	640	rVB3	277613	493472	4.16%	0.298%
4	6.387	640	646	650	rBV	464316	769133	6.48%	0.465%
5	6.434	650	654	657	rVV2	361527	650517	5.48%	0.393%
6	6.498	660	665	672	rVV	1154282	2061105	17.37%	1.246%
7	6.581	675	679	685	rVB2	308707	522620	4.40%	0.316%
8	6.645	685	690	696	rVB3	257685	431559	3.64%	0.261%
9	6.722	696	703	710	rBV3	378832	943878	7.95%	0.571%
10	6.822	716	720	732	rVB5	293385	697646	5.88%	0.422%
11	6.922	732	737	740	rBV	418429	664195	5.60%	0.402%
12	6.975	740	746	752	rVB4	727876	1691076	14.25%	1.023%
13	7.151	771	776	781	rVV4	629909	1153168	9.72%	0.697%
14	7.210	781	786	790	rVV3	375368	574887	4.84%	0.348%
15	7.281	790	798	800	rVV5	386618	808005	6.81%	0.489%
16	7.310	800	803	807	rVV	771864	1285453	10.83%	0.777%
17	7.351	807	810	813	rVV2	439559	754476	6.36%	0.456%
18	7.386	813	816	827	rVB4	661302	1529586	12.89%	0.925%
19	7.504	827	836	839	rBV4	306910	787580	6.64%	0.476%
20	7.545	839	843	848	rVB2	509204	827566	6.97%	0.500%
21	7.651	854	861	868	rVB4	452899	1048397	8.83%	0.634%
22	7.745	868	877	881	rBV3	647570	1859300	15.67%	1.124%
23	7.804	881	887	895	rVB3	2241992	4790255	40.37%	2.897%
24	7.898	896	903	908	rBV3	591981	1161379	9.79%	0.702%
25	7.963	908	914	917	rBV3	337312	795416	6.70%	0.481%
26	8.010	917	922	927	rVB2	825836	1334025	11.24%	0.807%
27	8.169	945	949	956	rVB2	523183	973640	8.20%	0.589%
28	8.269	956	966	971	rBV7	376797	988904	8.33%	0.598%
29	8.351	971	980	982	rBV3	485003	1198169	10.10%	0.725%
30	8.380	982	985	989	rVB	420768	565143	4.76%	0.342%
31	8.522	1001	1009	1013	rBV3	606925	1254297	10.57%	0.759%
32	8.616	1017	1025	1027	rBV6	256893	541761	4.57%	0.328%
33	8.657	1027	1032	1036	rBV	1016939	1672029	14.09%	1.011%
34	8.810	1052	1058	1067	rVB7	376592	1173412	9.89%	0.710%

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35	8.898	1067	1073	1075	rBV2	812999	1399552	11.79%	0.846%
36	8.928	1075	1078	1083	rVB2	1038972	1752758	14.77%	1.060%
37	9.022	1089	1094	1101	rVB2	842046	1542378	13.00%	0.933%
38	9.086	1102	1105	1109	rVB2	414327	563019	4.74%	0.340%
39	9.139	1109	1114	1117	rBV2	1048879	2042400	17.21%	1.235%
40	9.251	1126	1133	1134	rBV4	347658	648106	5.46%	0.392%
41	9.286	1135	1139	1146	rVB4	606798	1463660	12.33%	0.885%
42	9.375	1146	1154	1157	rBV5	333131	937829	7.90%	0.567%
43	9.469	1166	1170	1175	rVB	712024	1011854	8.53%	0.612%
44	9.545	1176	1183	1187	rBV2	2005546	3707931	31.25%	2.242%
45	9.698	1205	1209	1213	rBV3	324734	523239	4.41%	0.316%
46	9.745	1213	1217	1221	rVB2	708830	1003197	8.45%	0.607%
47	9.804	1221	1227	1232	rVB2	2555412	4391728	37.01%	2.656%
48	9.875	1234	1239	1242	rBV3	469225	898567	7.57%	0.543%
49	10.069	1261	1272	1277	rBV3	452177	1365576	11.51%	0.826%
50	10.122	1277	1281	1289	rVB4	244131	484516	4.08%	0.293%
51	10.227	1290	1299	1307	rBV9	623050	1895473	15.97%	1.146%
52	10.327	1311	1316	1317	rBV3	401120	648739	5.47%	0.392%
53	10.404	1324	1329	1337	rVB3	716367	1399306	11.79%	0.846%
54	10.480	1338	1342	1345	rVV	626633	990710	8.35%	0.599%
55	10.516	1345	1348	1353	rVV	805652	1281691	10.80%	0.775%
56	10.586	1354	1360	1363	rVV	1365265	2900196	24.44%	1.754%
57	10.627	1363	1367	1374	rVV4	1536100	3235226	27.26%	1.956%
58	10.698	1374	1379	1382	rVV2	673914	1117190	9.41%	0.676%
59	10.739	1382	1386	1389	rVV4	1081848	2015169	16.98%	1.219%
60	10.786	1389	1394	1399	rVB	2549246	4357404	36.72%	2.635%
61	10.845	1399	1404	1411	rBV7	577059	1574711	13.27%	0.952%
62	10.910	1411	1415	1420	rVB4	751583	1252212	10.55%	0.757%
63	11.027	1431	1435	1440	rVB3	622573	1049381	8.84%	0.635%
64	11.110	1445	1449	1454	rVB3	596827	965593	8.14%	0.584%
65	11.298	1473	1481	1487	rBV6	1004577	3273353	27.58%	1.979%
66	11.451	1503	1507	1512	rVB4	926273	1559995	13.15%	0.943%
67	11.510	1513	1517	1518	rBV2	304032	413495	3.48%	0.250%
68	11.651	1535	1541	1549	rBV	3103979	5928618	49.96%	3.585%
69	11.810	1564	1568	1576	rVB4	504344	976841	8.23%	0.591%
70	11.904	1581	1584	1588	rVB3	452403	684923	5.77%	0.414%
71	12.027	1601	1605	1608	rBV	608398	916208	7.72%	0.554%

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72	12.069	1608	1612	1618	rVV4	520465	1135514	9.57%	0.687%
73	12.421	1667	1672	1680	rBV3	705144	1773005	14.94%	1.072%
74	12.674	1710	1715	1719	rBV5	908673	1619561	13.65%	0.979%
75	12.739	1724	1726	1731	rVV	971208	1364973	11.50%	0.825%
76	12.786	1732	1734	1737	rVB	430684	445408	3.75%	0.269%
77	13.004	1766	1771	1776	rVB	3310551	5246985	44.22%	3.173%
78	13.051	1776	1779	1785	rVB3	525887	918396	7.74%	0.555%
79	13.268	1813	1816	1820	rVB2	761489	1017077	8.57%	0.615%
80	13.315	1820	1824	1828	rBV4	865403	1289420	10.87%	0.780%
81	13.380	1832	1835	1839	rBV2	482267	636612	5.36%	0.385%
82	13.674	1882	1885	1890	rBV2	424678	687899	5.80%	0.416%
83	13.733	1892	1895	1902	rVV6	536439	1078928	9.09%	0.652%
84	13.863	1914	1917	1923	rBV2	673061	1168810	9.85%	0.707%
85	13.957	1927	1933	1937	rVB2	4040156	6539894	55.11%	3.955%
86	14.157	1964	1967	1972	rVB3	704612	977853	8.24%	0.591%
87	14.298	1988	1991	1997	rVB3	1057798	1942147	16.37%	1.174%
88	14.439	2011	2015	2017	rBV	1179824	1858777	15.66%	1.124%
89	14.868	2085	2088	2092	rBV	909994	1233774	10.40%	0.746%
90	14.992	2105	2109	2115	rBV2	1805873	2853099	24.04%	1.725%
91	15.727	2229	2234	2240	rVB	3763415	6122292	51.59%	3.702%
92	15.933	2265	2269	2272	rVB	1133553	1482702	12.49%	0.897%
93	16.215	2309	2317	2321	rBV	6376899	11866676	100.00%	7.176%
94	16.780	2410	2413	2416	rVB	724743	792803	6.68%	0.479%
95	17.021	2449	2454	2463	rVB	3424548	6297495	53.07%	3.808%
96	17.203	2482	2485	2488	rBV2	740969	1025213	8.64%	0.620%
97	17.621	2552	2556	2562	rVB	1084926	1632974	13.76%	0.987%
98	19.586	2886	2890	2895	rVB2	834580	1246945	10.51%	0.754%
99	21.056	3137	3140	3147	rBV2	202649	374831	3.16%	0.227%
100	21.368	3189	3193	3202	rVB2	818870	1142800	9.63%	0.691%

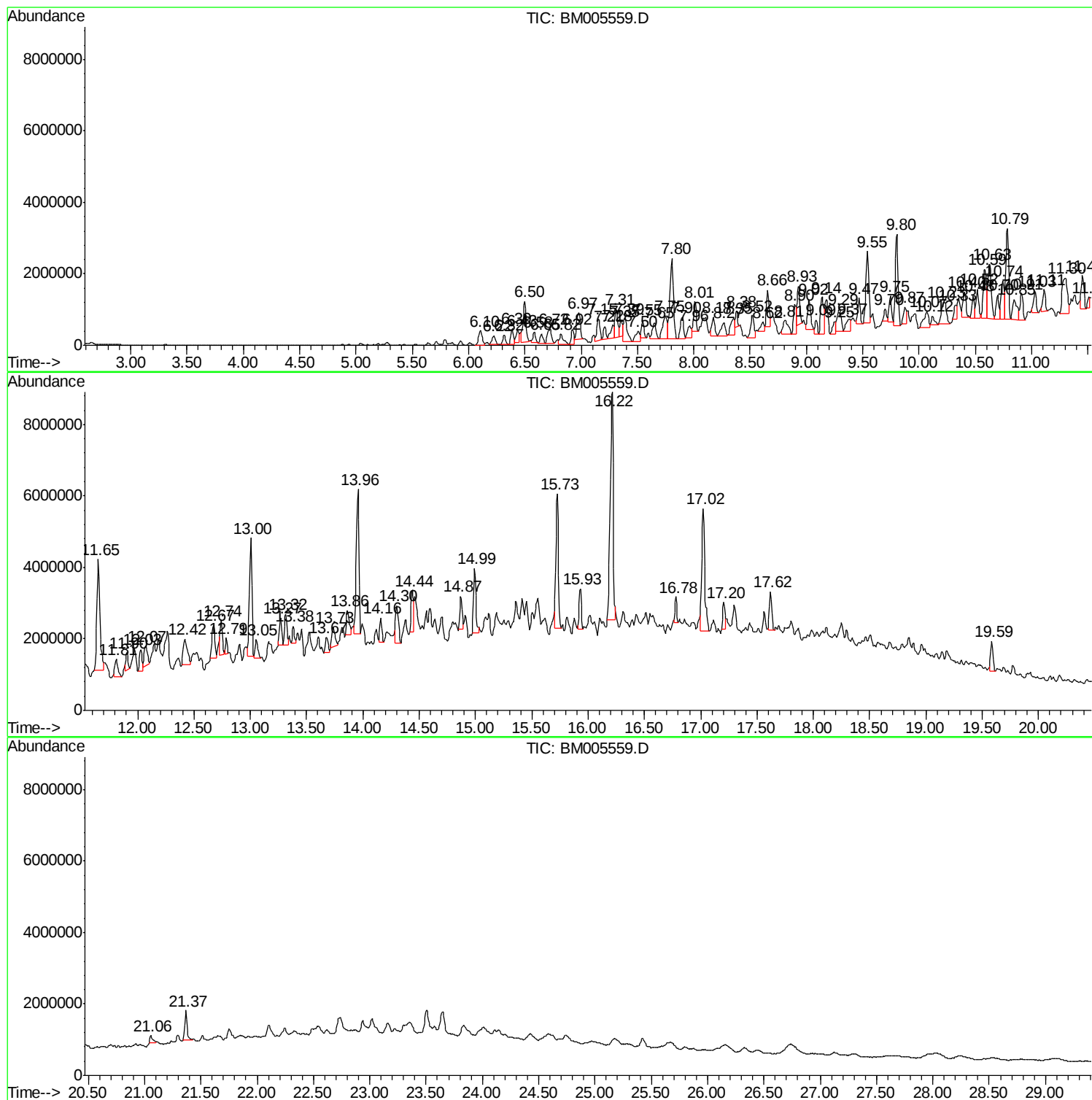
Sum of corrected areas: 165365206

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



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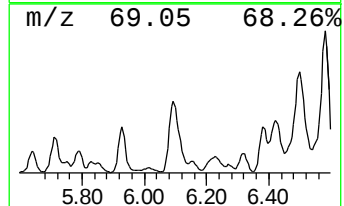
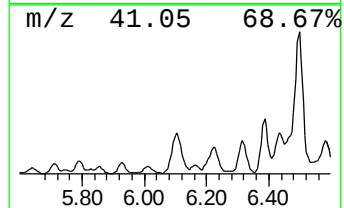
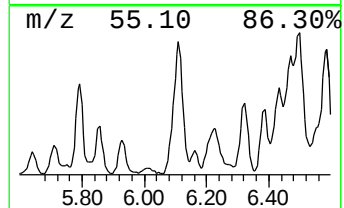
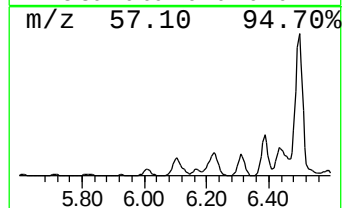
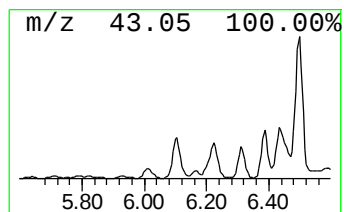
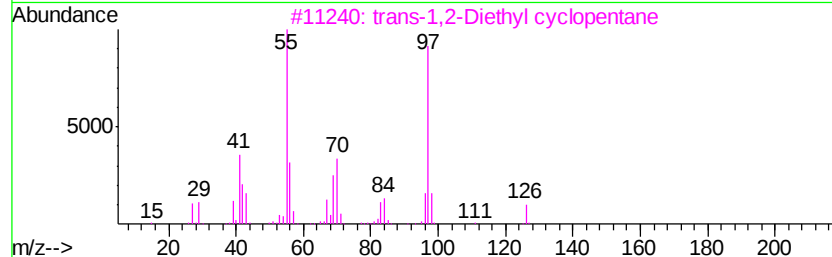
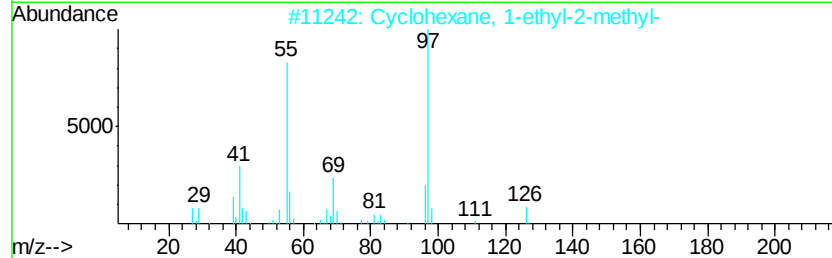
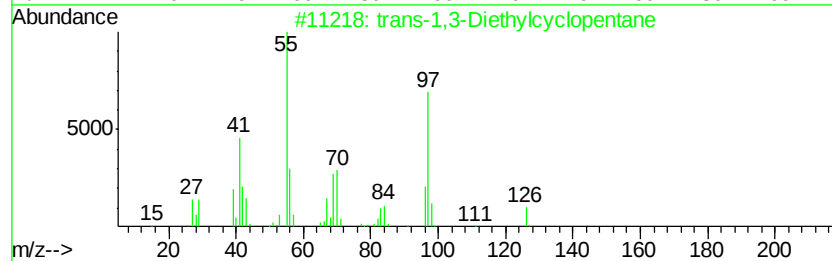
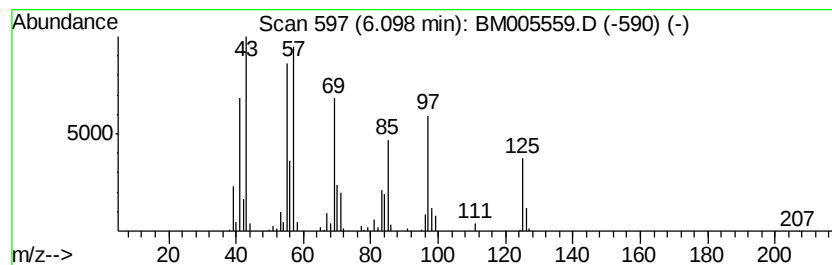
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic6.10 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	3.86 ng/ul	924769	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	46
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	43
3			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	43
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	43
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43



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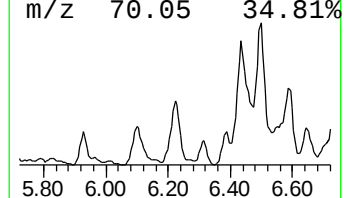
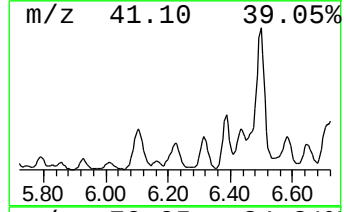
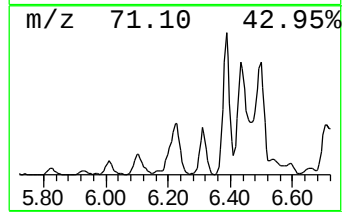
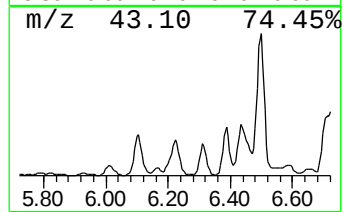
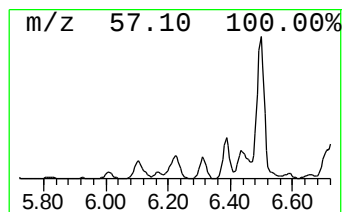
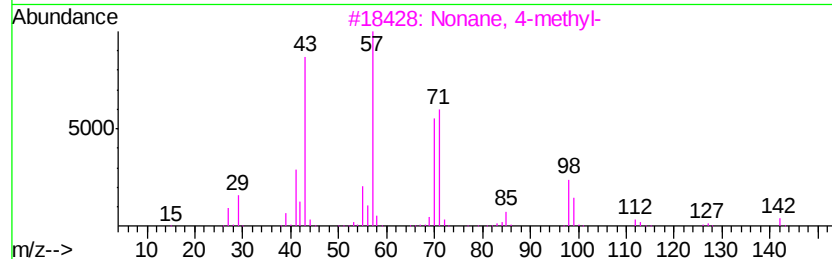
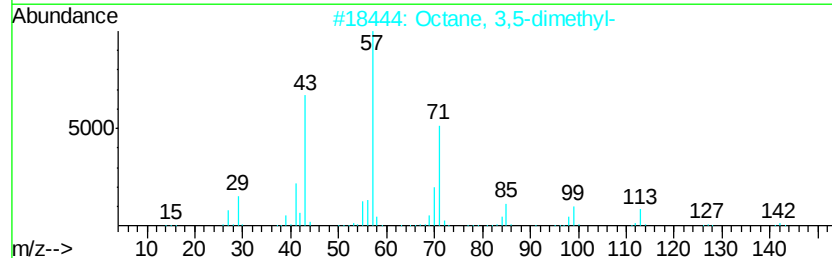
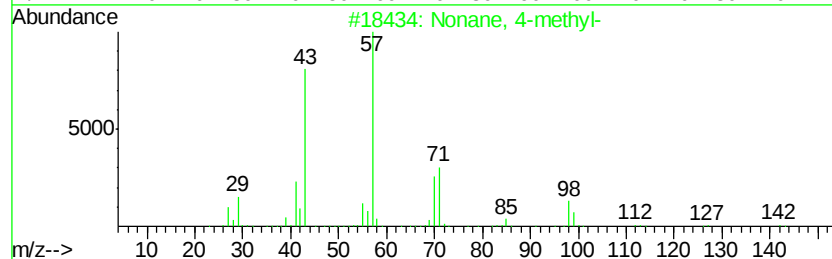
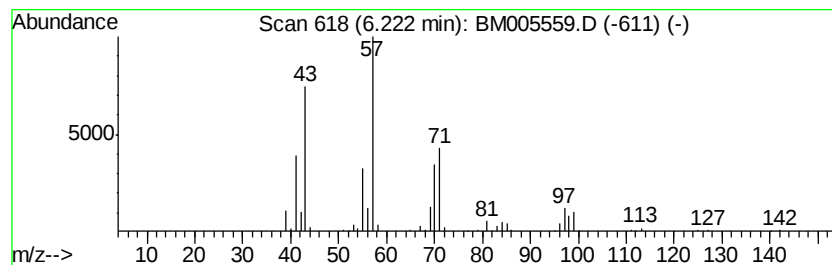
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	2.06 ng/ul	492781	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	68
2			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	62
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53



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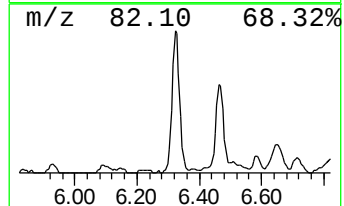
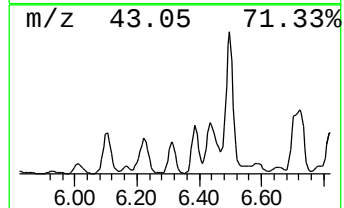
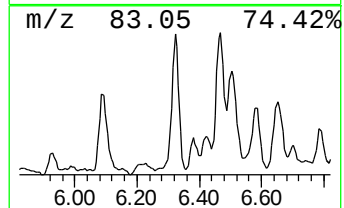
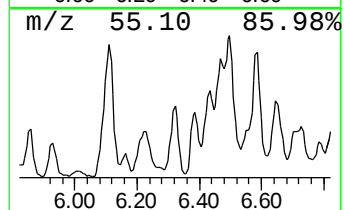
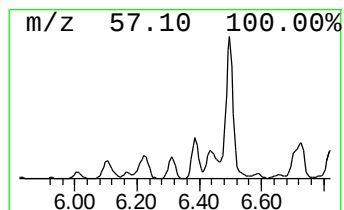
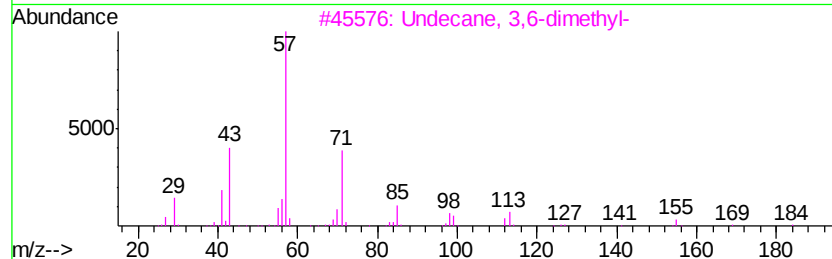
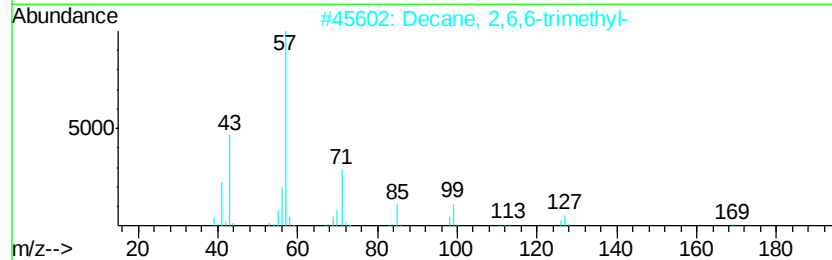
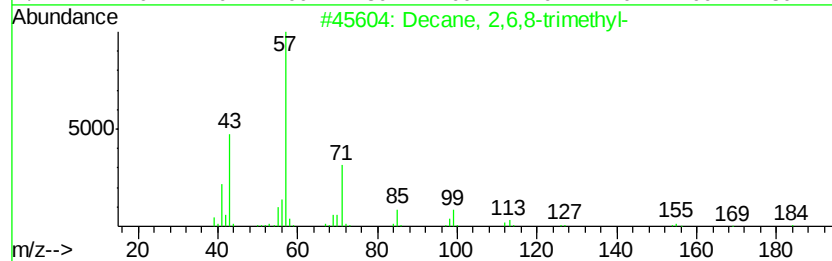
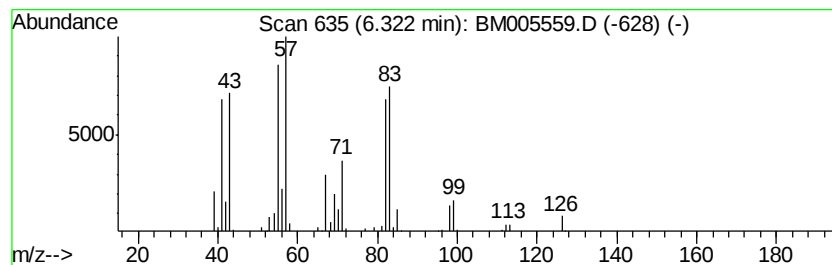
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	2.06 ng/ul	493472	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47
2		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	43
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38
5		2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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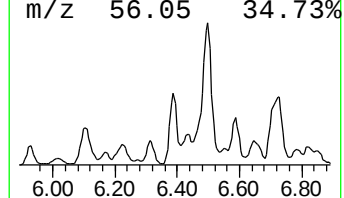
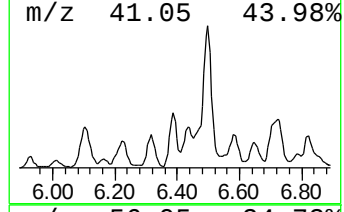
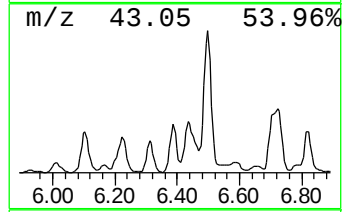
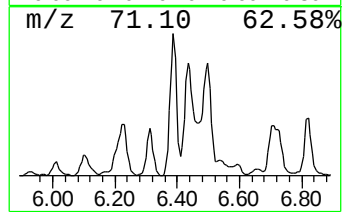
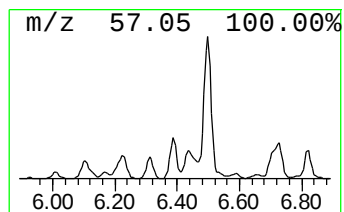
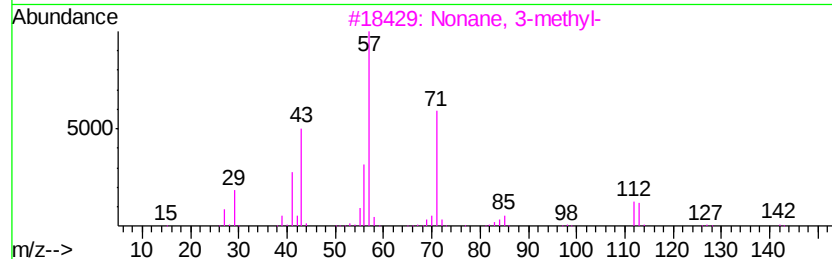
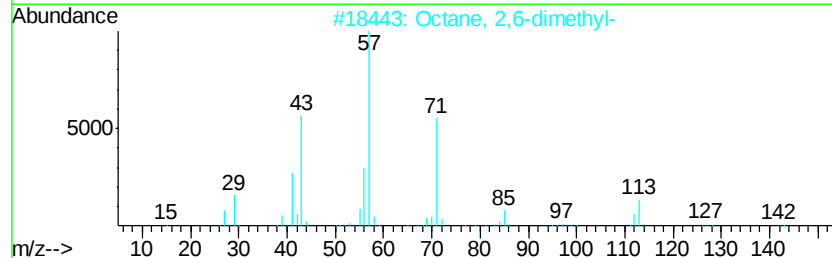
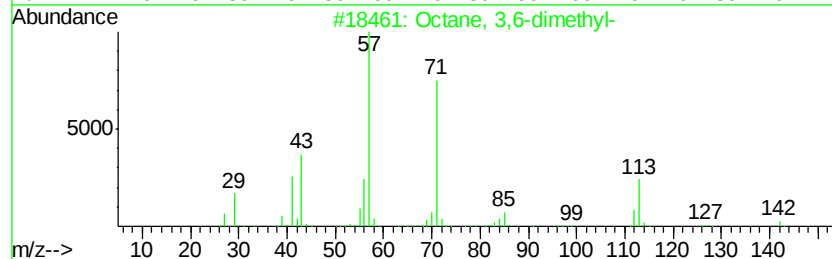
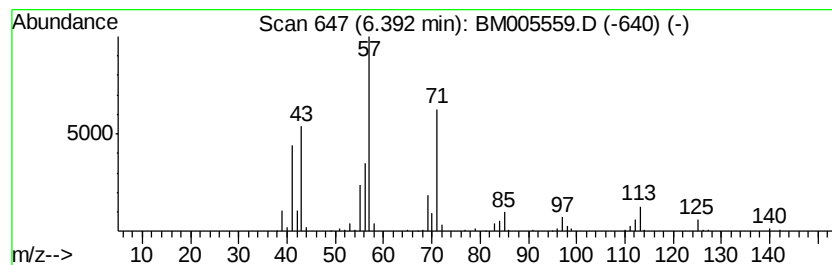
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	3.21 ng/ul	769133	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	81
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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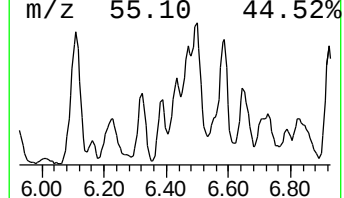
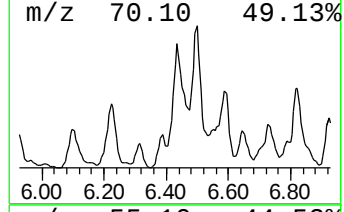
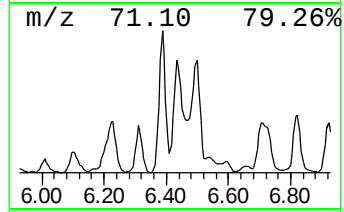
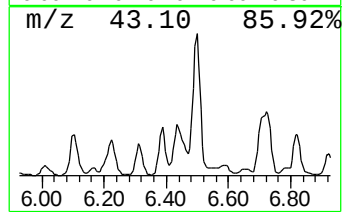
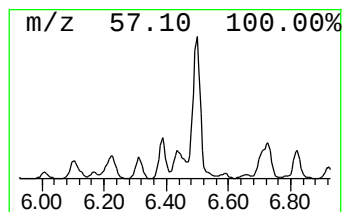
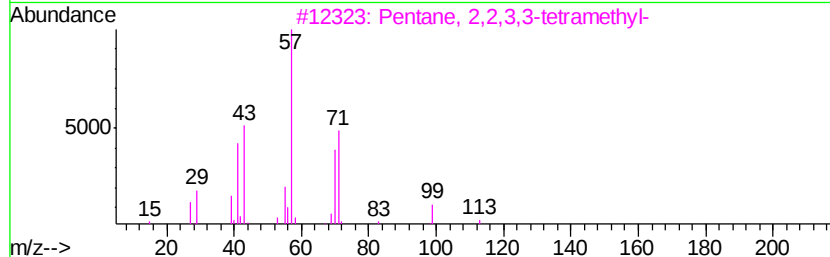
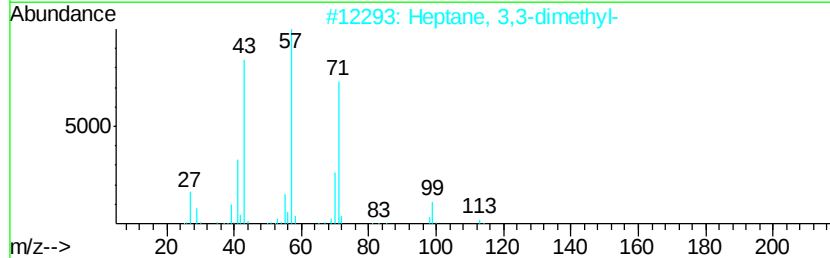
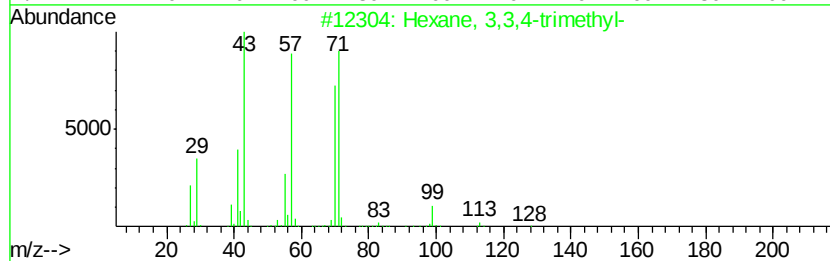
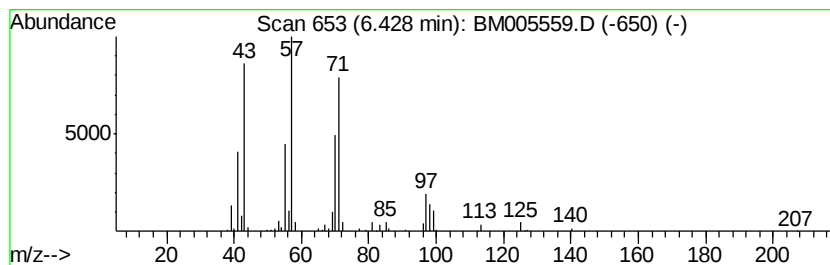
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	2.72 ng/ul	650517	1,4-Dichlorobenzene-d4	7.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3,4-trimethyl-		128	C9H20	016747-31-2	53
2	Heptane, 3,3-dimethyl-		128	C9H20	004032-86-4	53
3	Pentane, 2,2,3,3-tetramethyl-		128	C9H20	007154-79-2	53
4	Hexane, 3-methyl-		100	C7H16	000589-34-4	50
5	Heptane, 4-methyl-		114	C8H18	000589-53-7	50



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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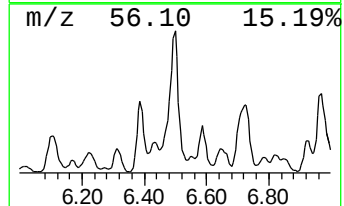
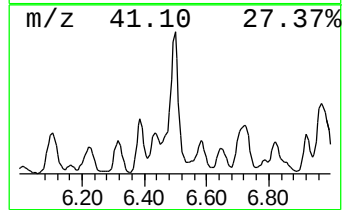
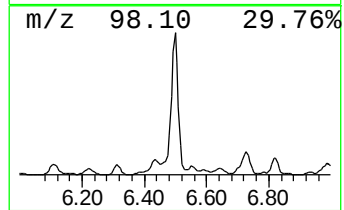
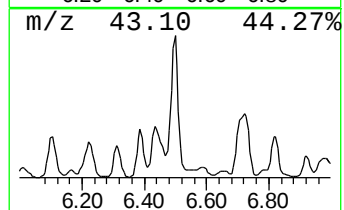
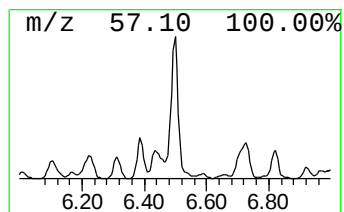
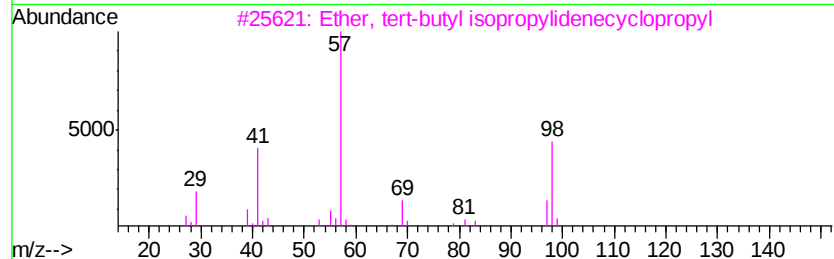
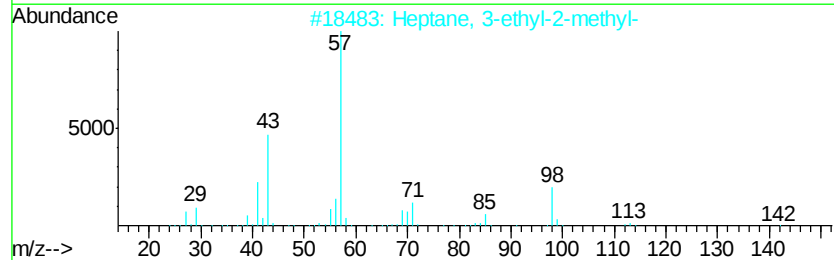
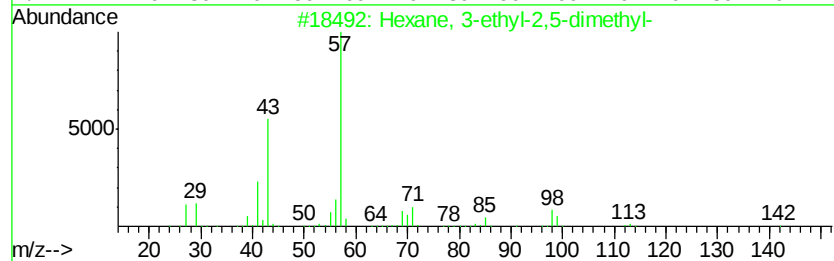
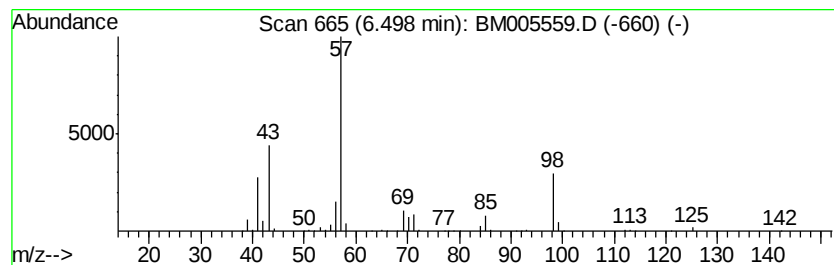
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	8.61 ng/ul	2061110	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	68
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	53
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	52
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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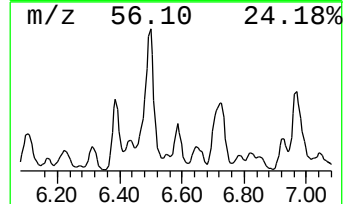
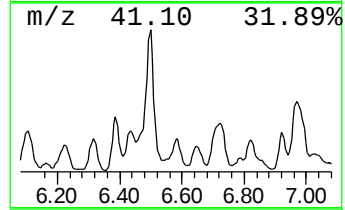
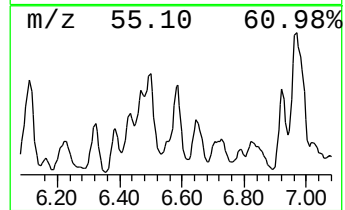
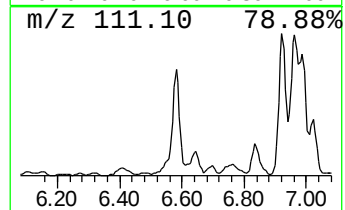
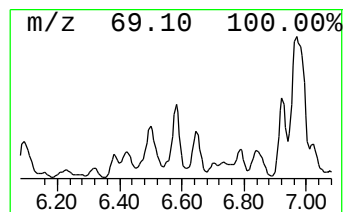
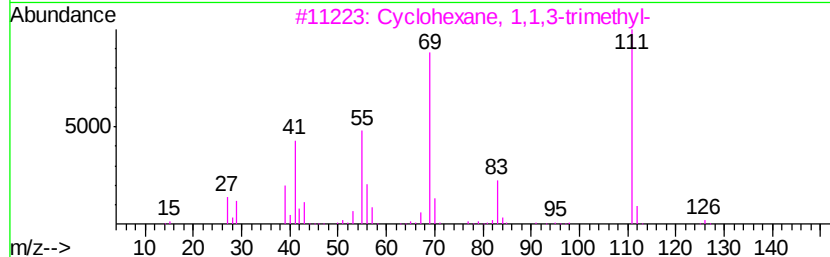
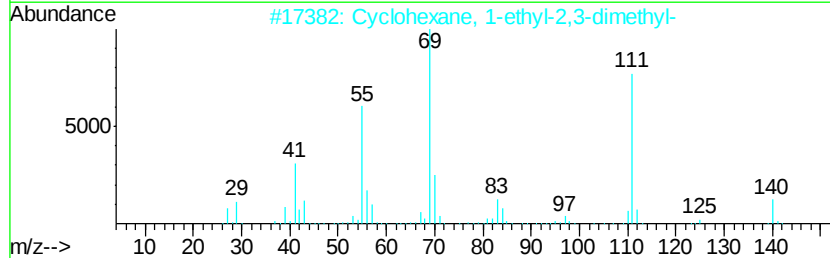
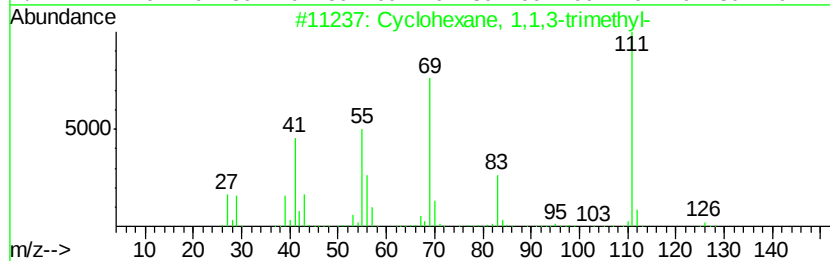
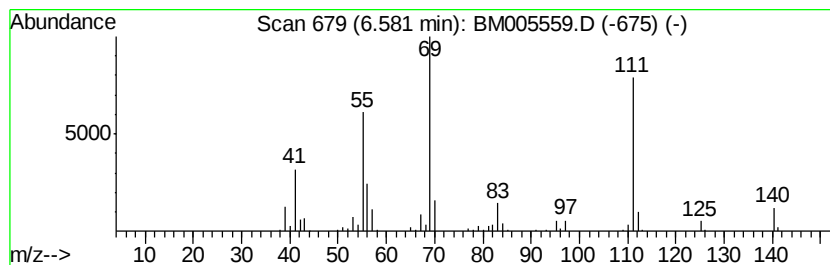
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic6.58 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	2.18 ng/ul	522620	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	87
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4		Cyclooctane, butyl-	168	C12H24	016538-93-5	80
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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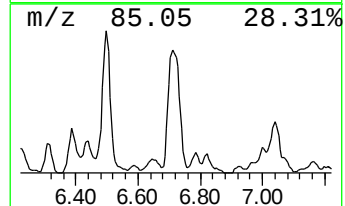
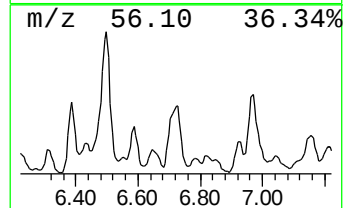
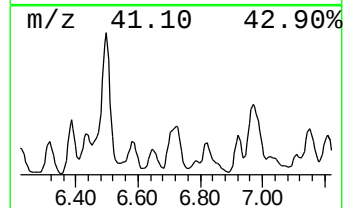
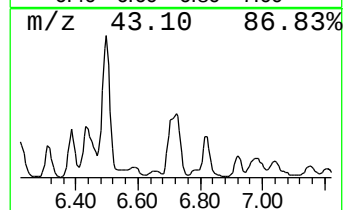
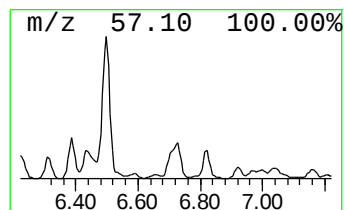
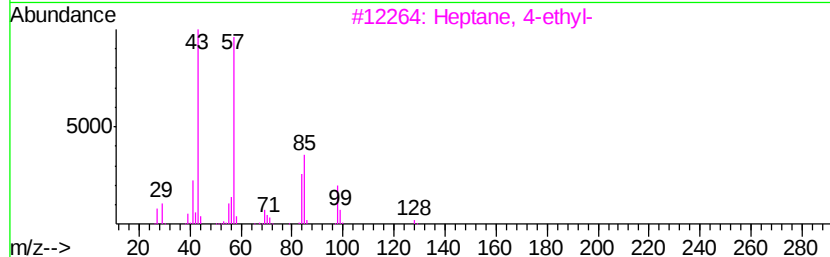
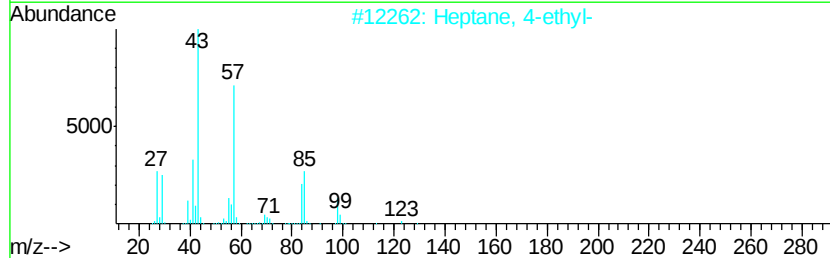
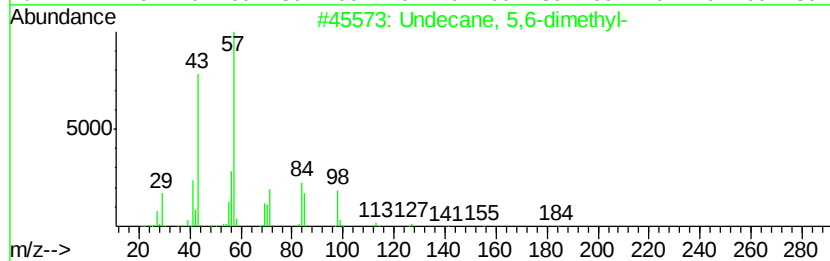
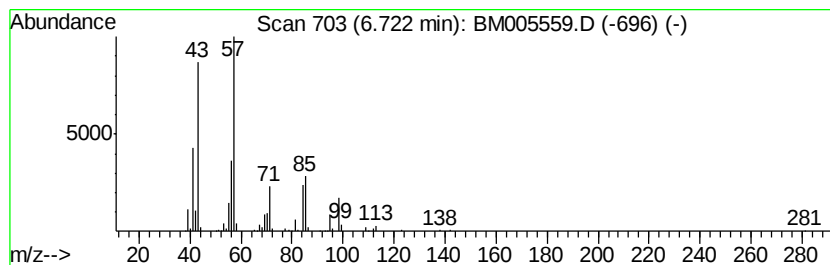
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	3.94 ng/ul	943878	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
4			Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
5			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	53



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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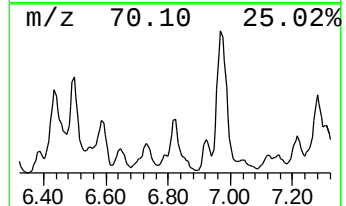
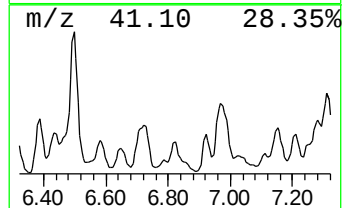
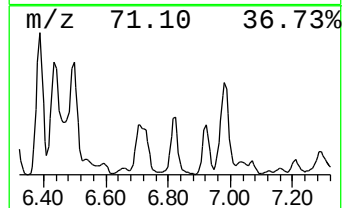
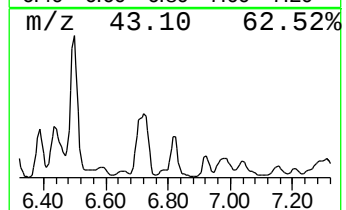
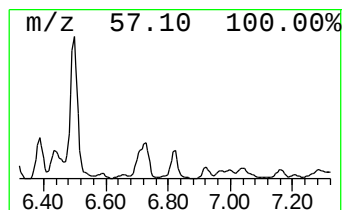
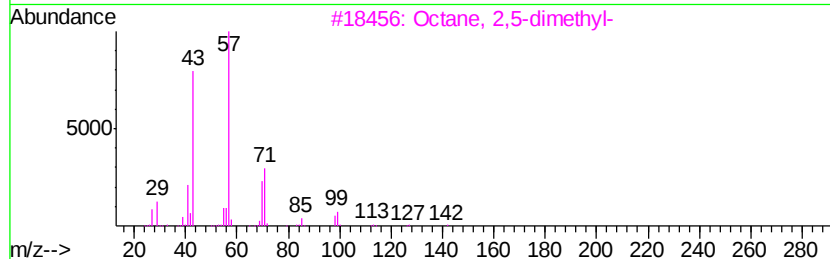
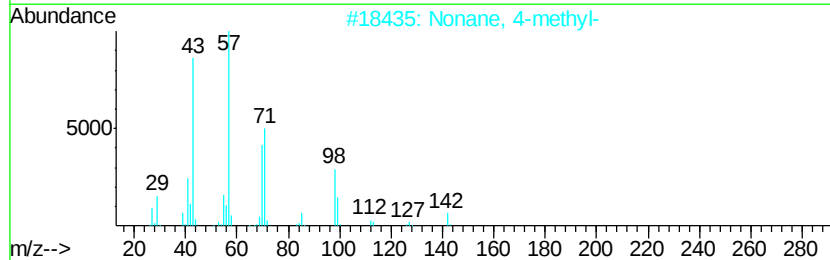
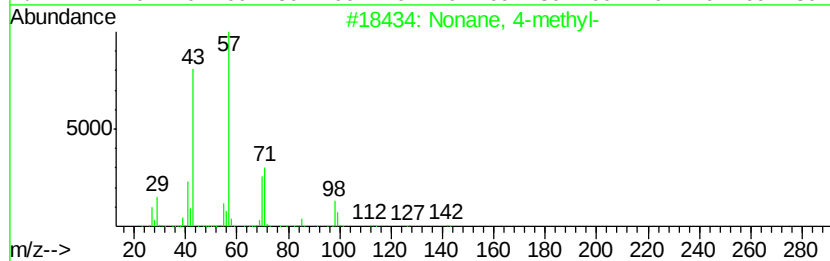
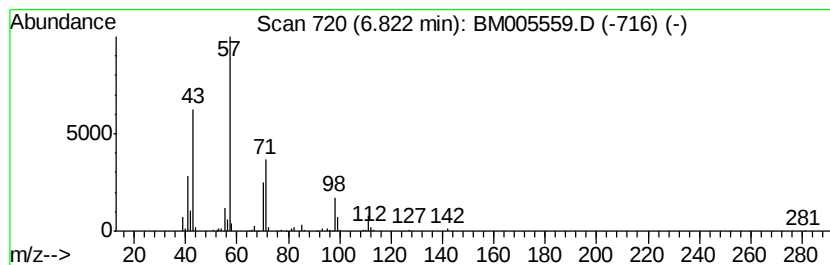
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.91 ng/ul	697646	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	87
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	56
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
5			Nonane, 2-methyl-	142	C10H22	000871-83-0	50



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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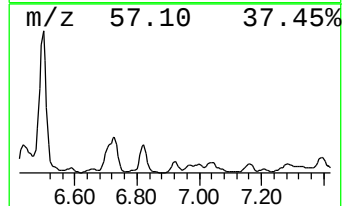
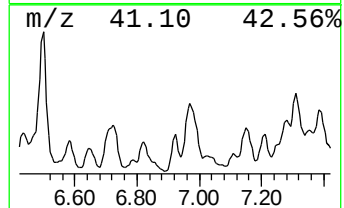
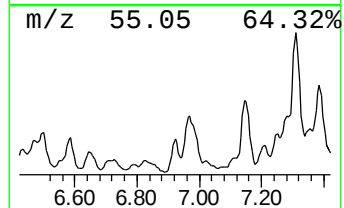
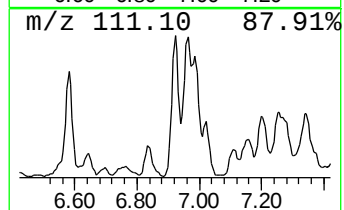
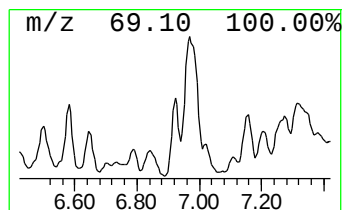
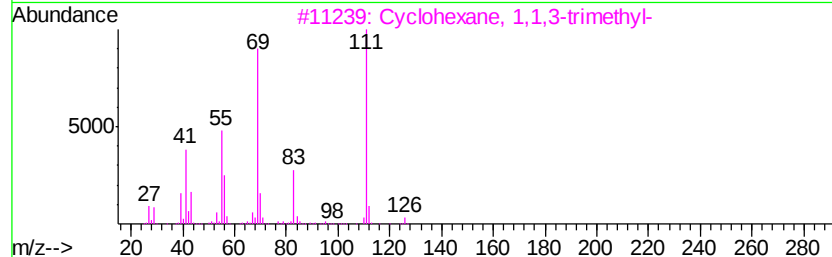
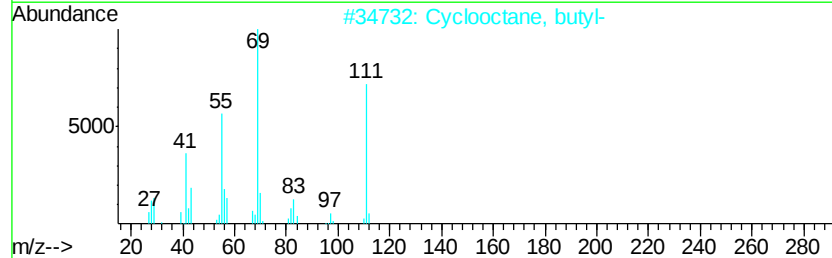
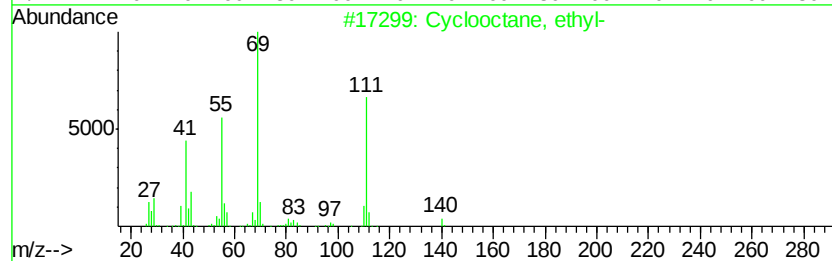
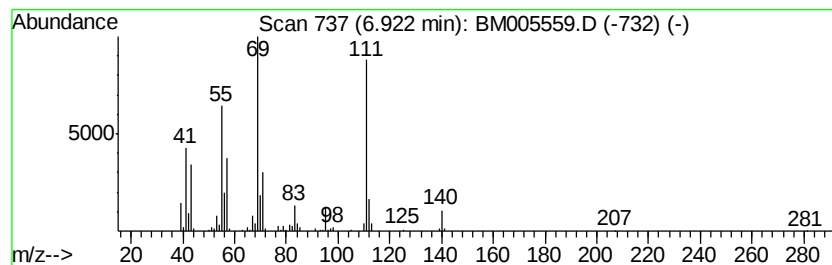
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic6.92 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	2.77 ng/ul	664195	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, ethyl-	140	C10H20	013152-02-8	72
2			Cyclooctane, butyl-	168	C12H24	016538-93-5	64
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	59
5			Cyclooctane, ethyl-	140	C10H20	013152-02-8	59



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

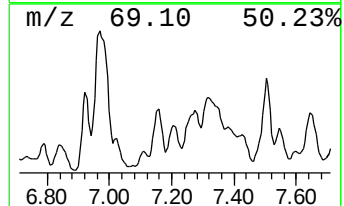
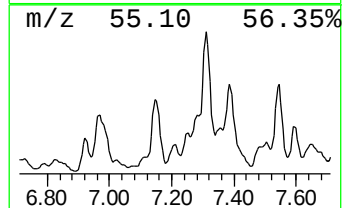
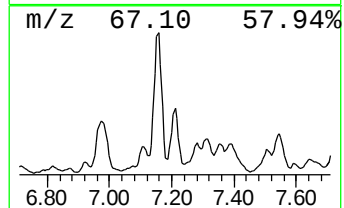
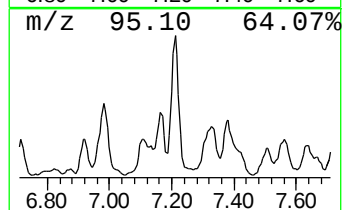
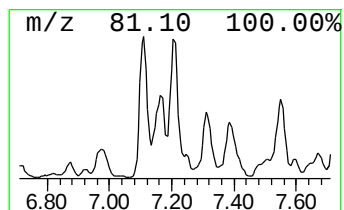
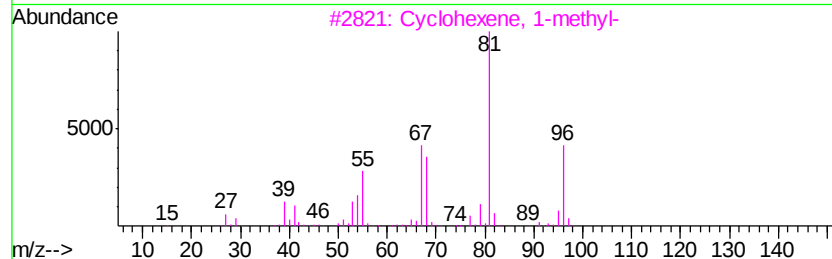
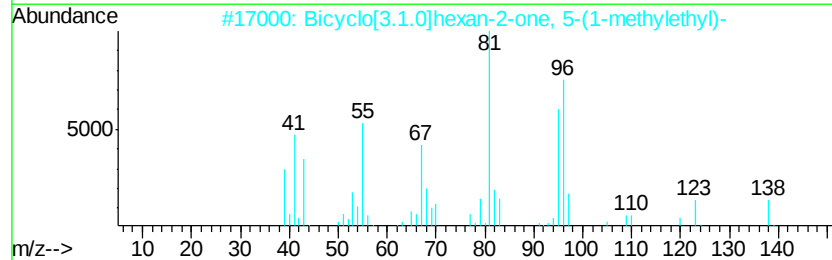
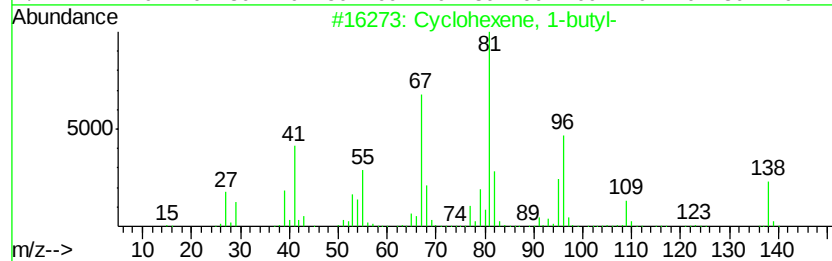
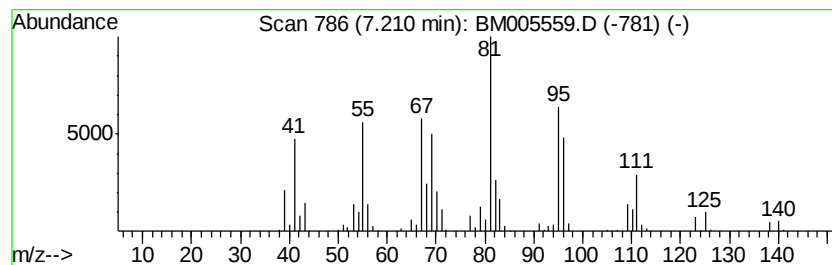
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Branched7.21 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	2.40 ng/ul	574887	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	83
2		Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	52
3		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	45
5		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	45



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Misc :
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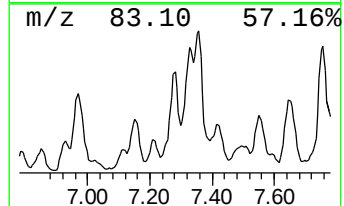
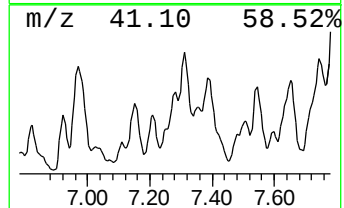
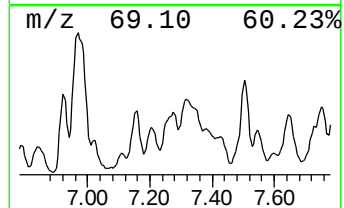
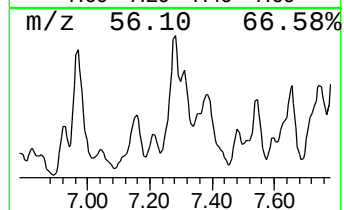
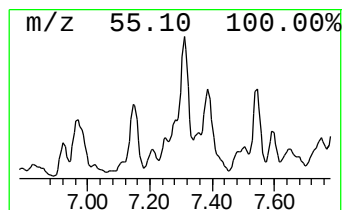
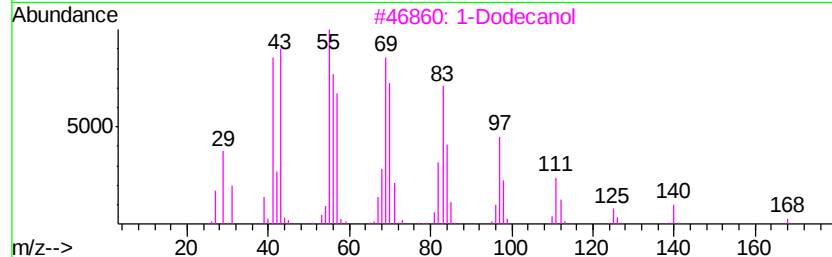
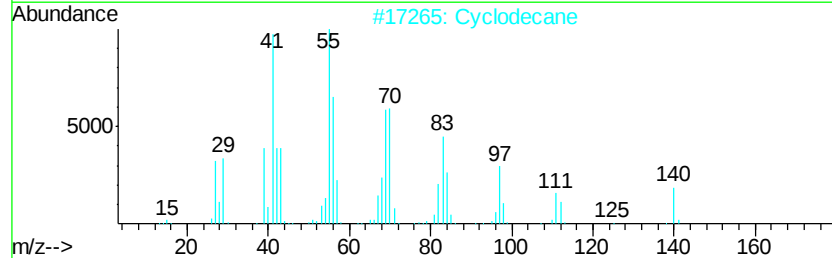
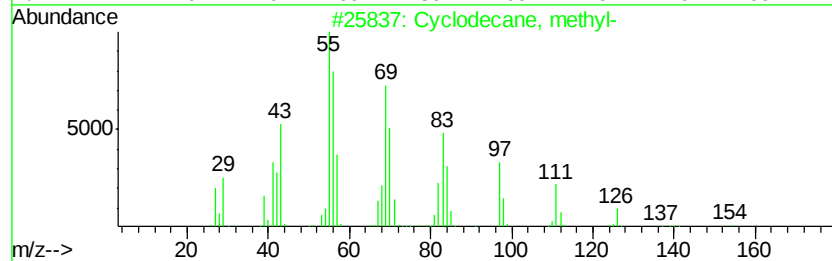
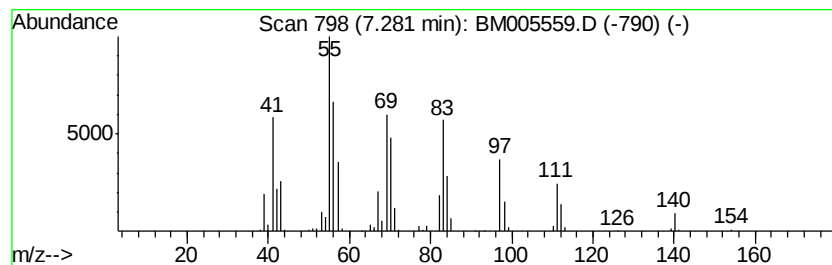
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic7.28 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	3.37 ng/ul	808005	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecane, methyl-	154	C11H22	013151-43-4	93
2			Cyclodecane	140	C10H20	000293-96-9	83
3			1-Dodecanol	186	C12H26O	000112-53-8	80
4			Cyclodecane	140	C10H20	000293-96-9	76
5			Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	76



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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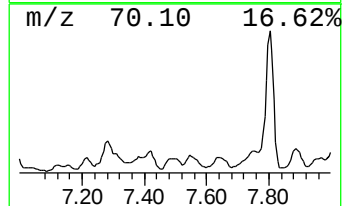
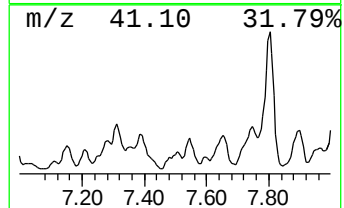
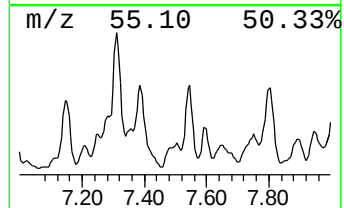
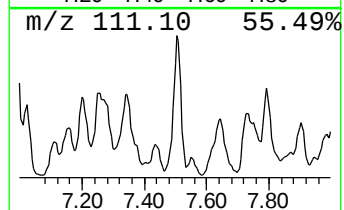
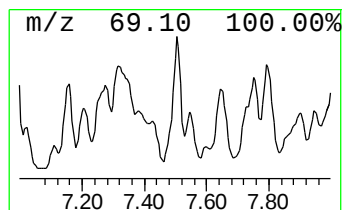
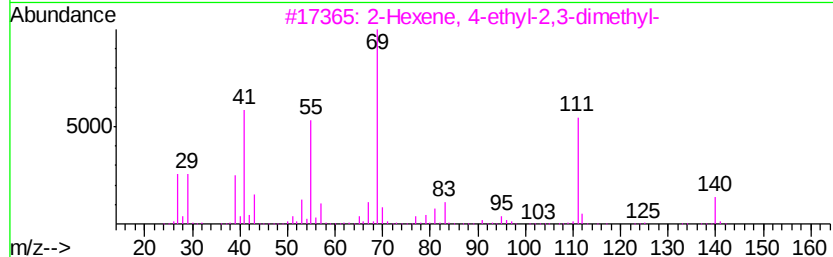
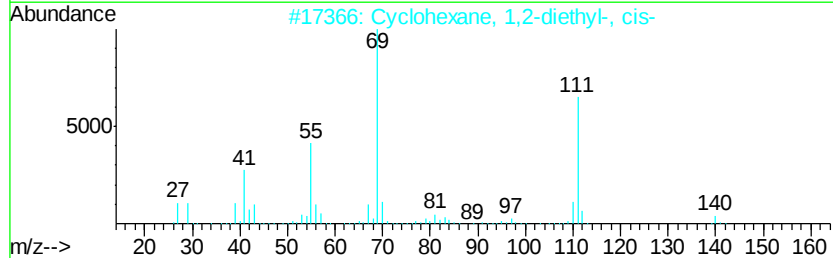
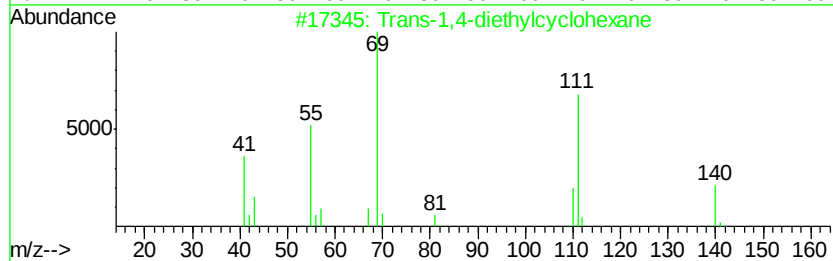
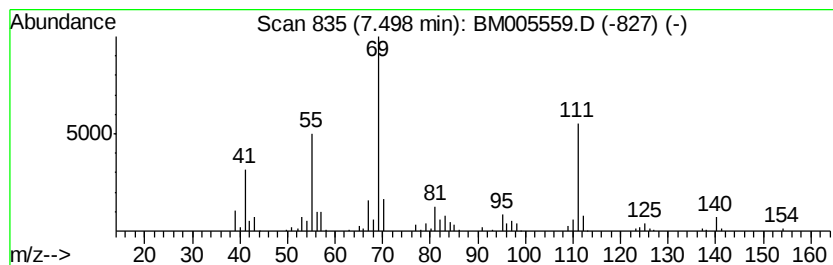
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic7.50 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	3.29 ng/ul	787580	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	87
2		Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	87
3		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	80
4		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
5		Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

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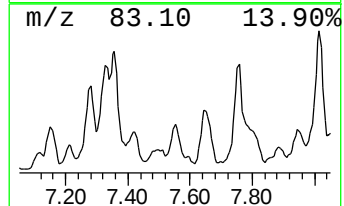
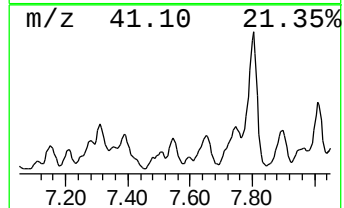
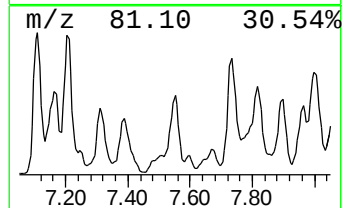
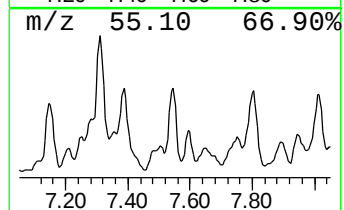
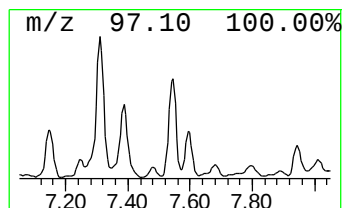
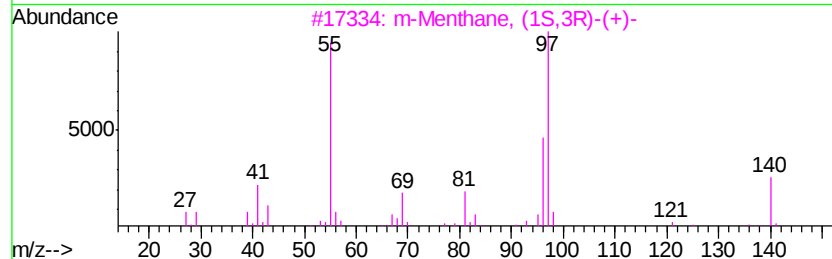
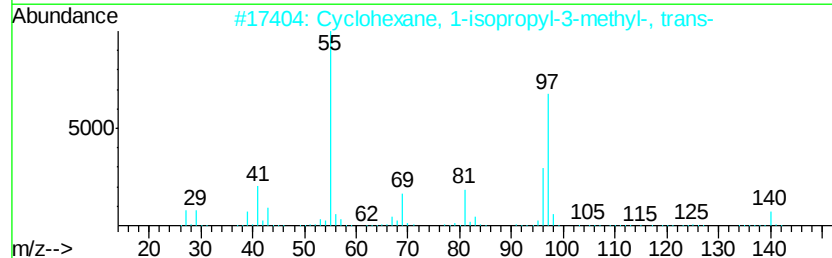
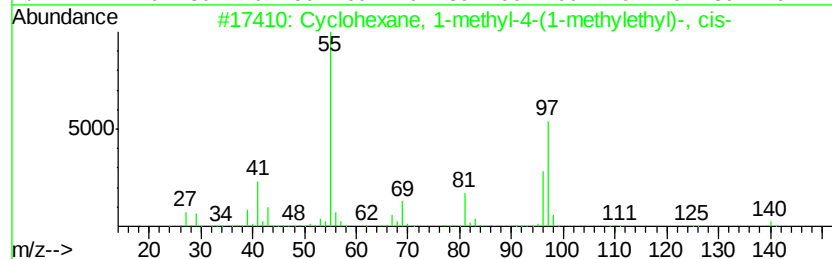
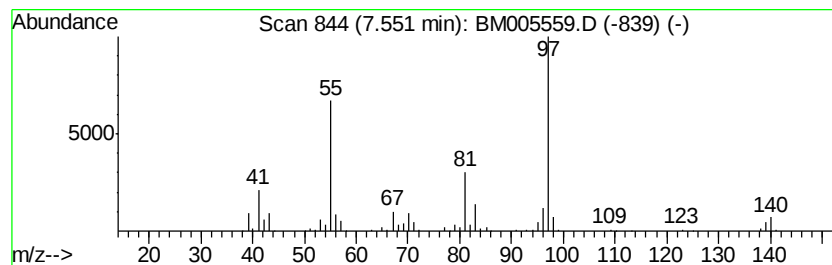
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Cyclic7.55 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.46 ng/ul	827566	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	72
2			Cyclohexane, 1-isopropyl-3-methy...	140	C10H20	1000158-54-3	72
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
5			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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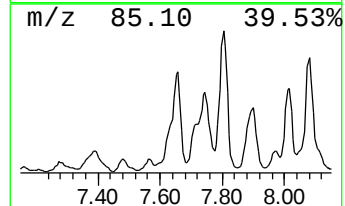
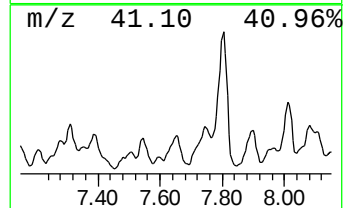
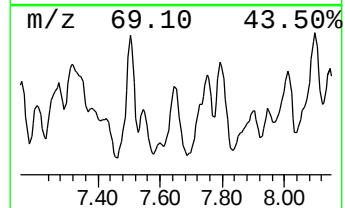
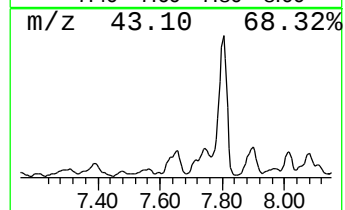
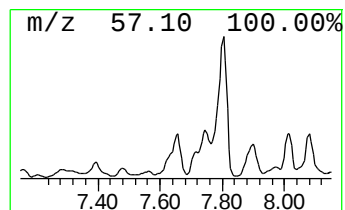
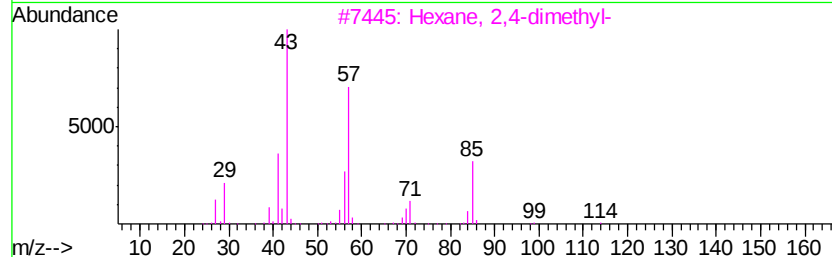
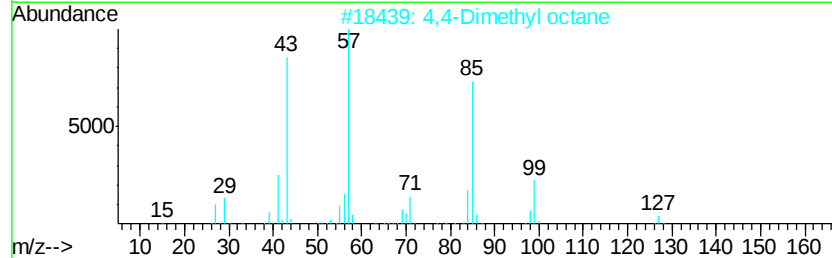
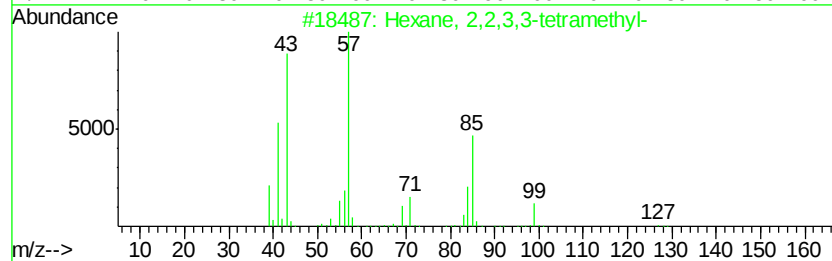
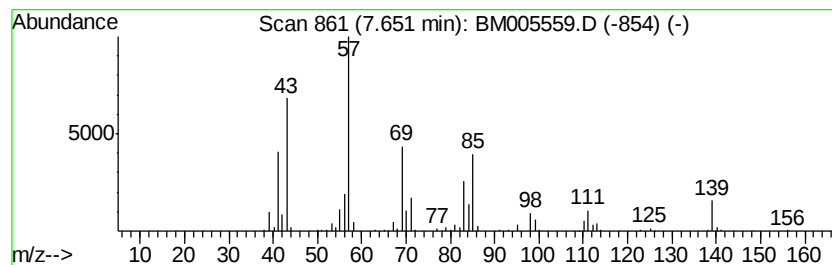
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	4.38 ng/ul	1048400	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43
2			4,4-Dimethyl octane	142	C10H22	015869-95-1	38
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	35
5			2-Butanone, 1-chloro-3,3-dimethyl-	134	C6H11ClO	013547-70-1	35



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

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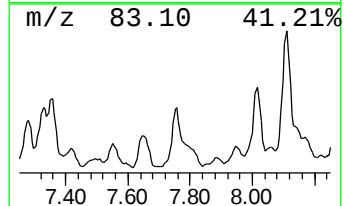
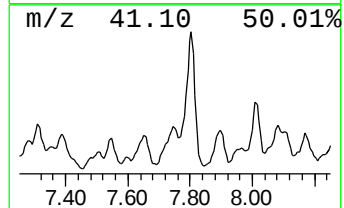
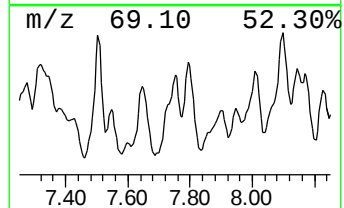
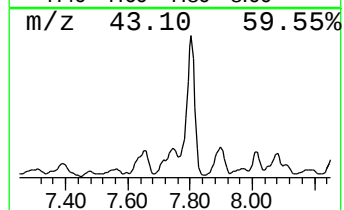
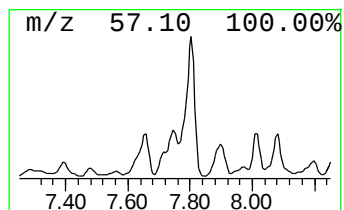
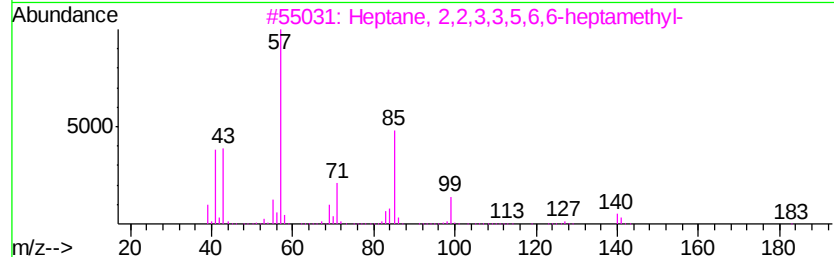
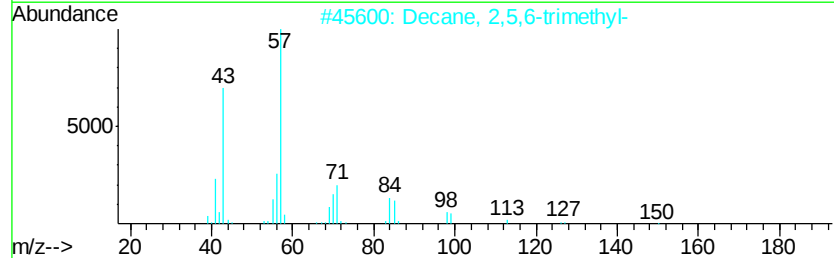
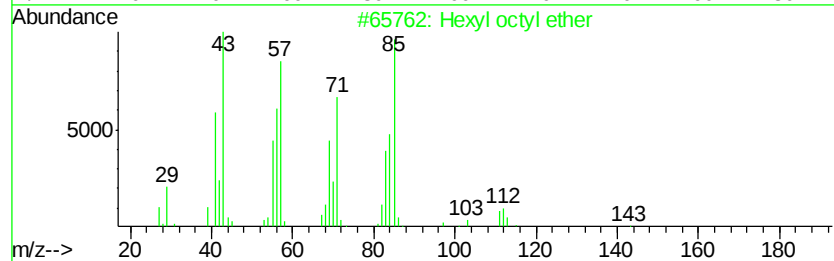
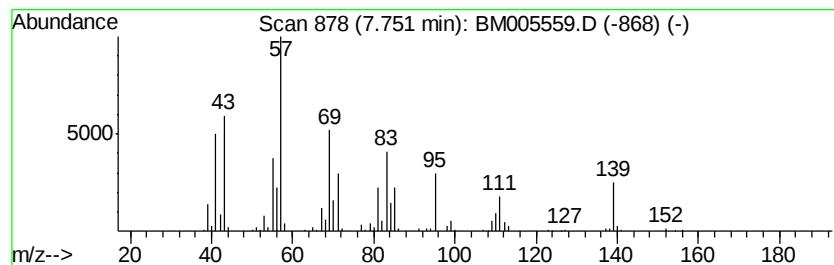
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	7.76 ng/ul	1859300	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexyl octyl ether	214	C14H30O	017071-54-4	43
2			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
3			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	35
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
5			Hexanal, 5,5-dimethyl-	128	C8H16O	055320-58-6	35



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
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Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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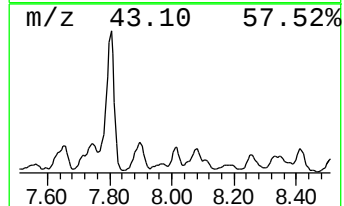
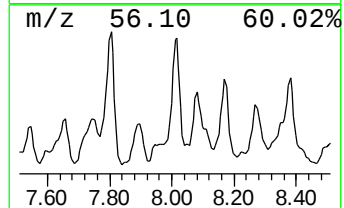
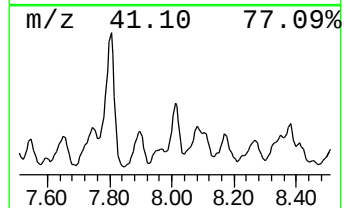
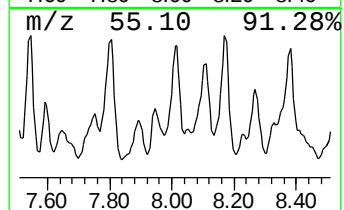
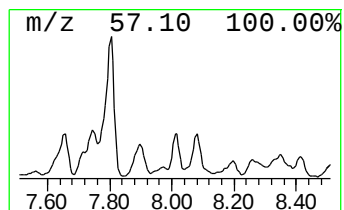
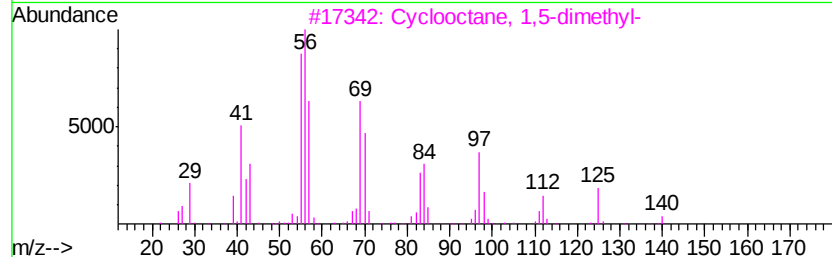
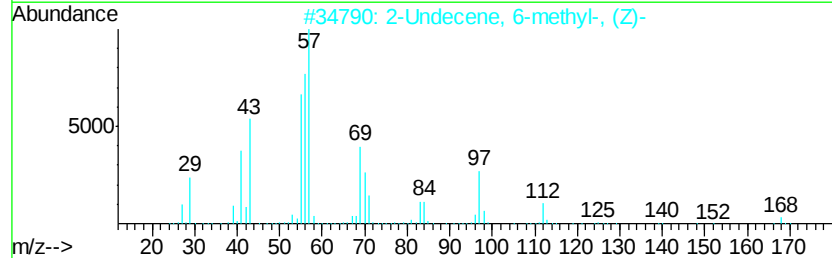
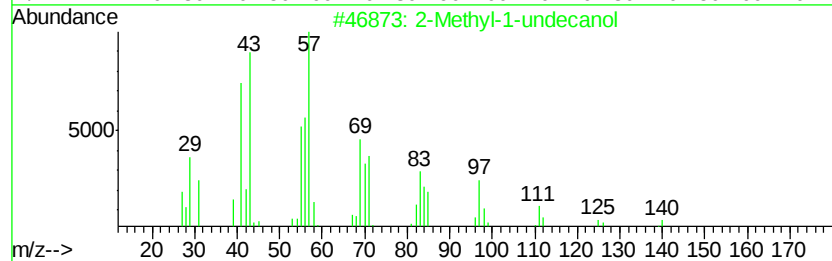
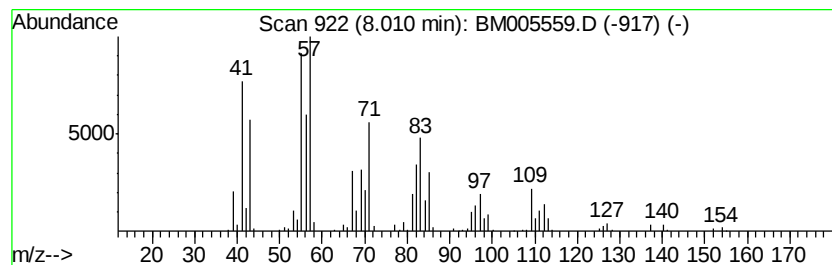
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2-Methyl-1-undecanol Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	5.57 ng/ul	1334030	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyl-1-undecanol	186	C12H26O	010522-26-6	53
2			2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	27
3			Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	25
4			Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	25
5			1-Decene	140	C10H20	000872-05-9	25



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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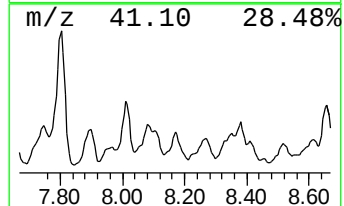
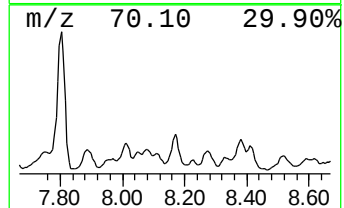
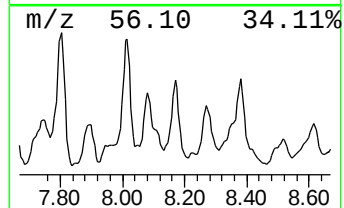
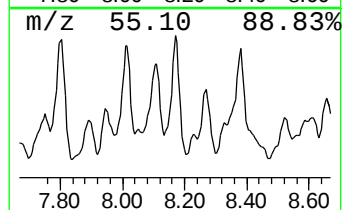
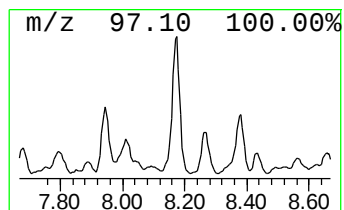
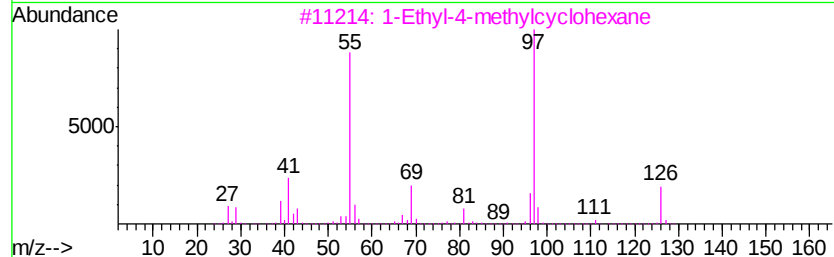
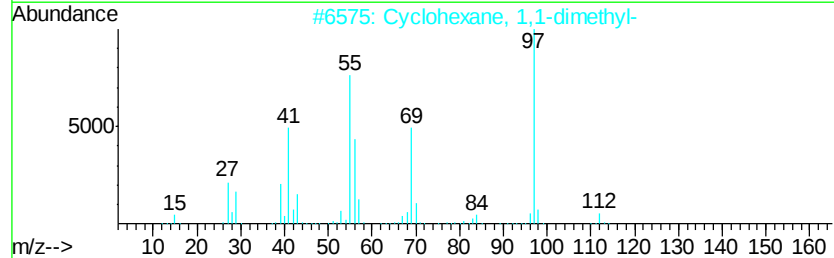
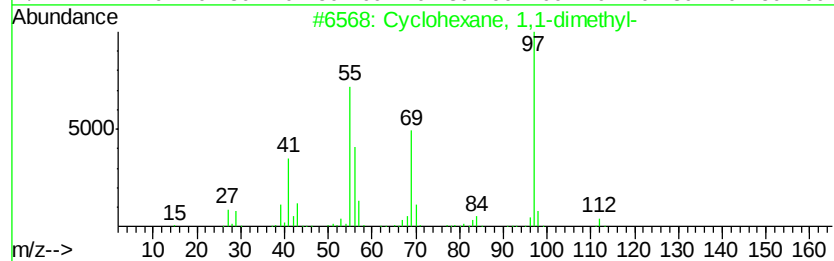
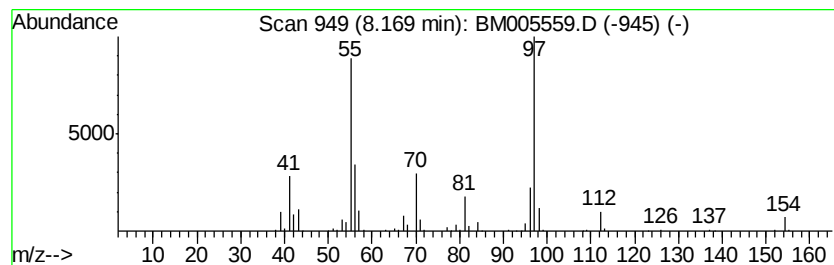
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Cyclic8.17 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	4.07 ng/ul	973640	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	74
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	72
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampled :
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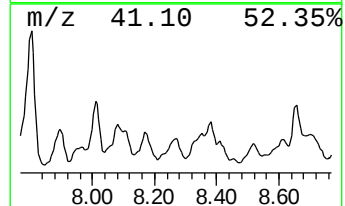
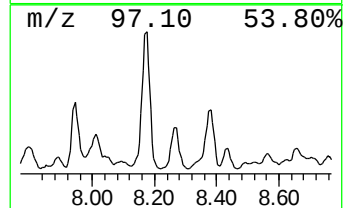
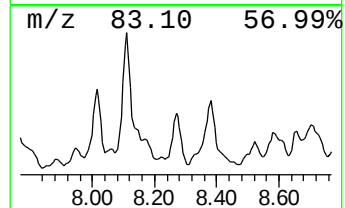
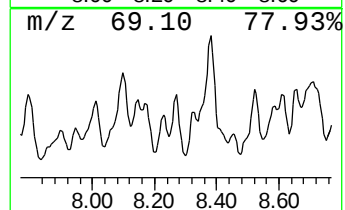
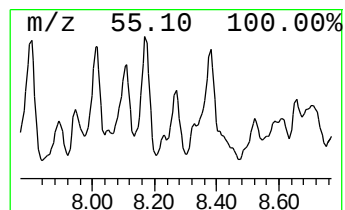
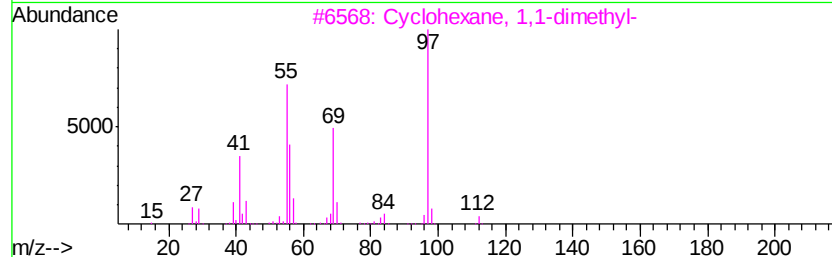
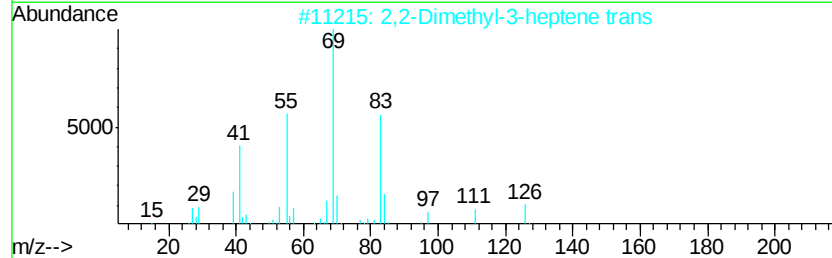
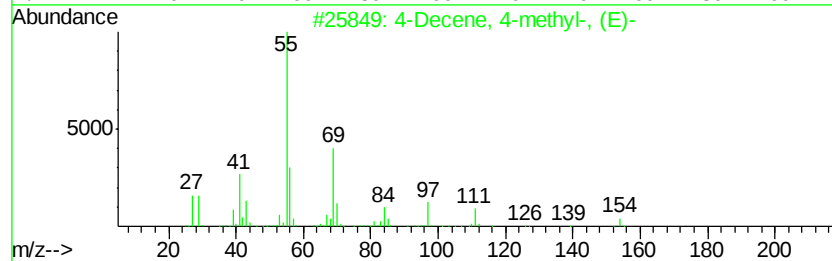
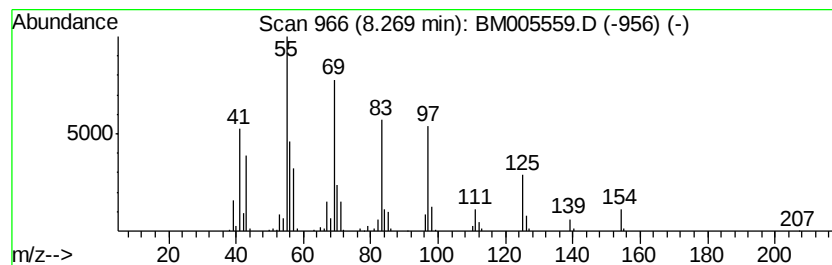
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic8.27 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	4.13 ng/ul	988904	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	46
2		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	46
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	45
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	45
5		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	45



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampled :
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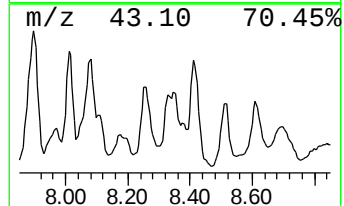
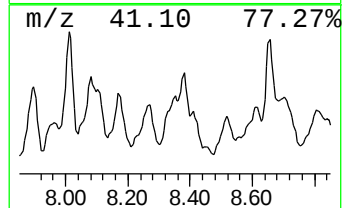
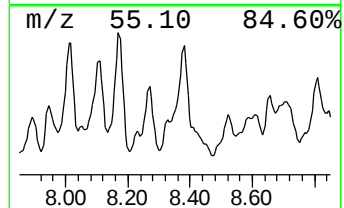
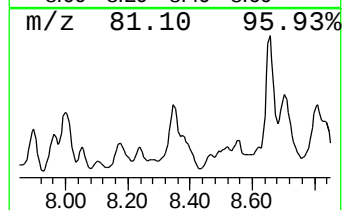
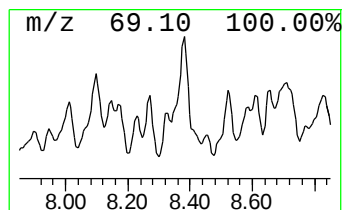
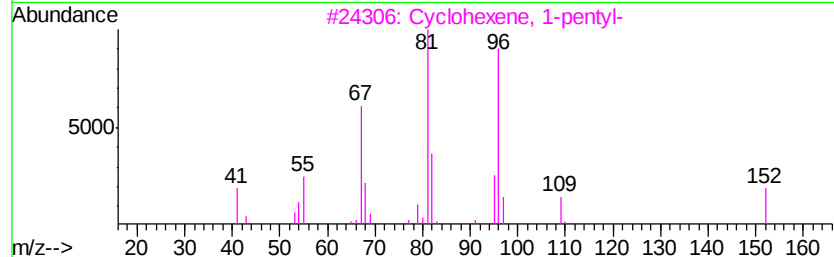
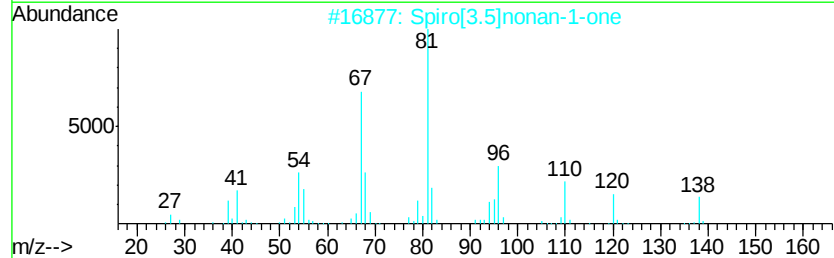
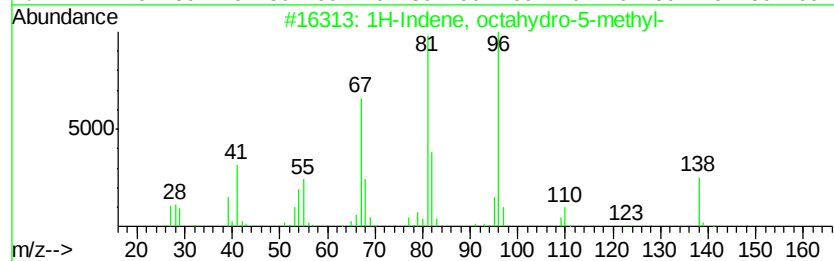
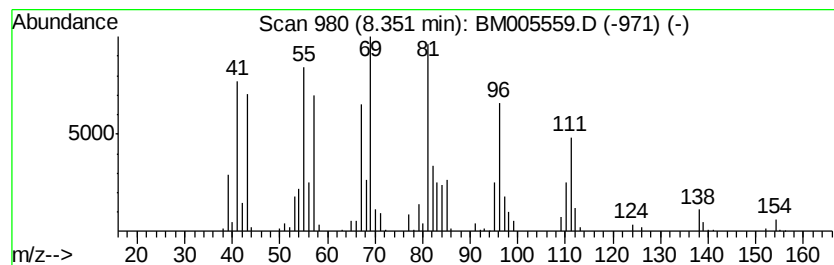
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Branched8.35 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	5.00 ng/ul	1198170	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-5-methyl-	138	C10H18	019744-64-0	50
2		Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	46
3		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	41
4		Cyclohexanepropanal	140	C9H16O	004361-28-8	41
5		Spiro[2.5]octane	110	C8H14	000185-65-9	41



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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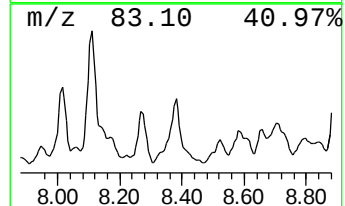
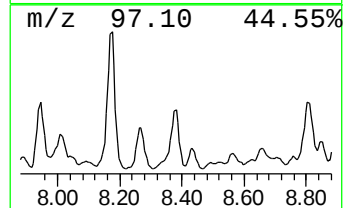
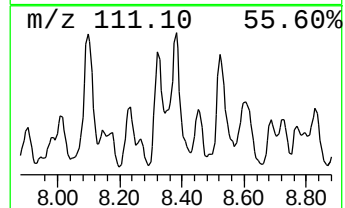
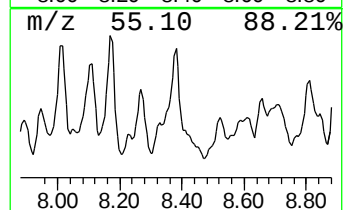
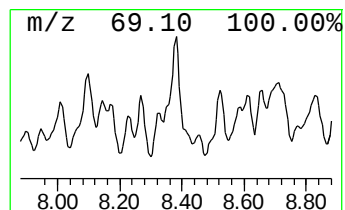
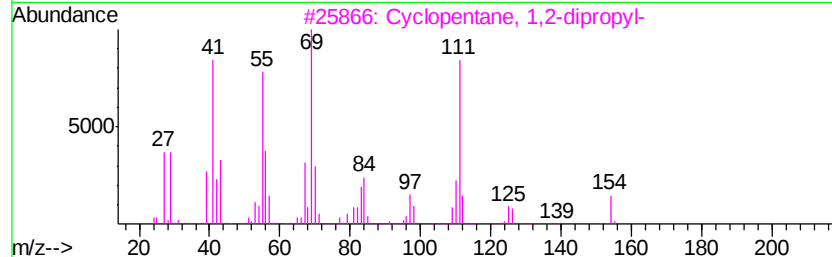
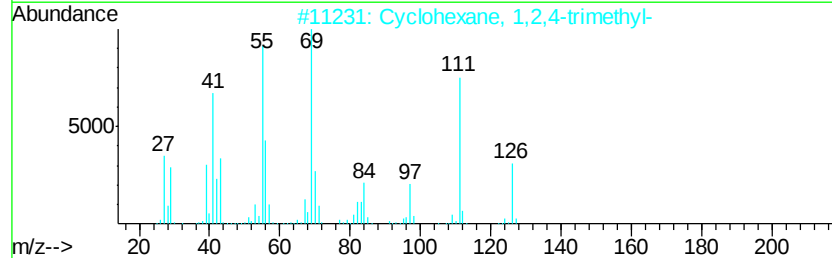
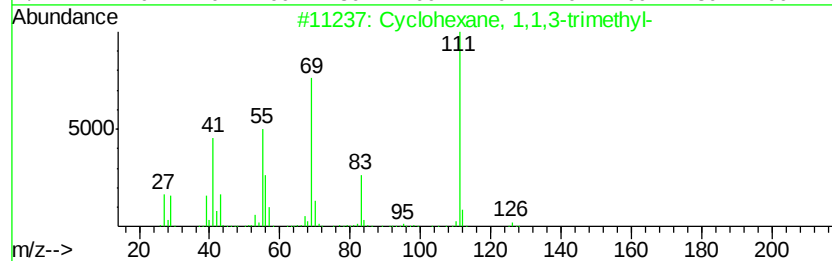
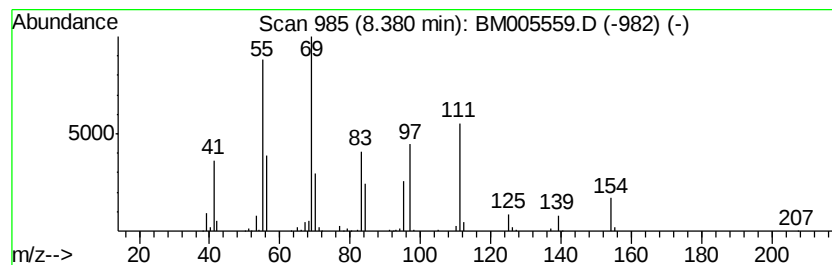
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Cyclic8.38 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	2.36 ng/ul	565143	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53
3		Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	49
4		Cyclopentane, hexyl-	154	C11H22	004457-00-5	47
5		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
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Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

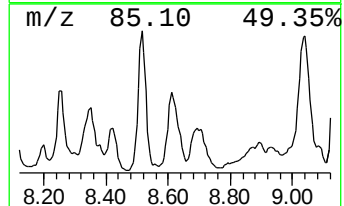
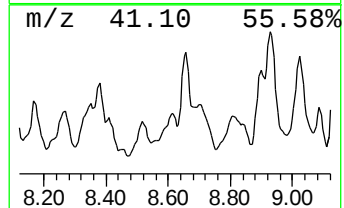
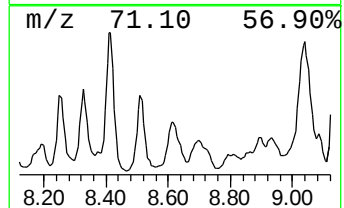
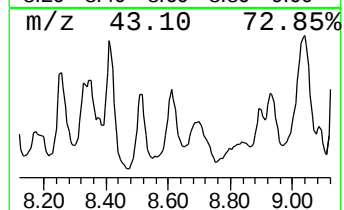
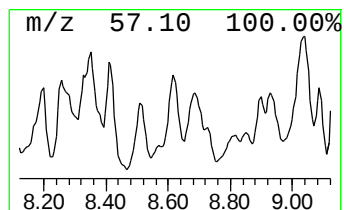
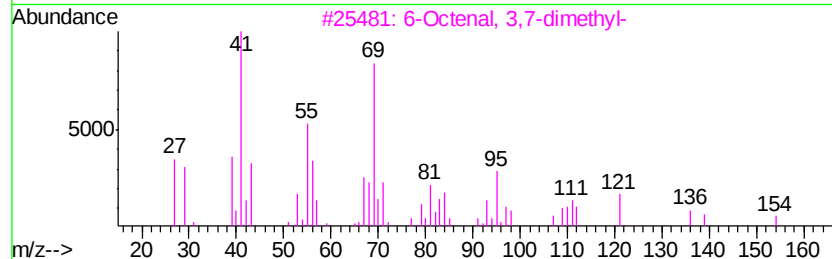
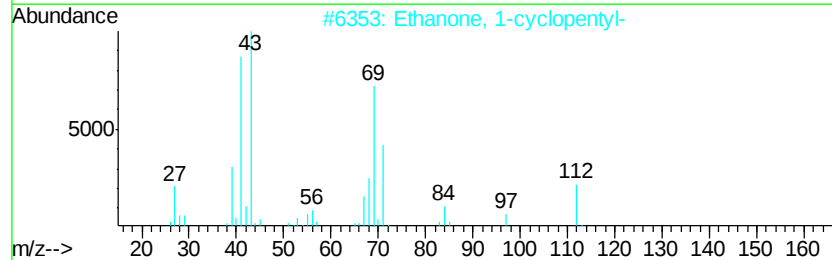
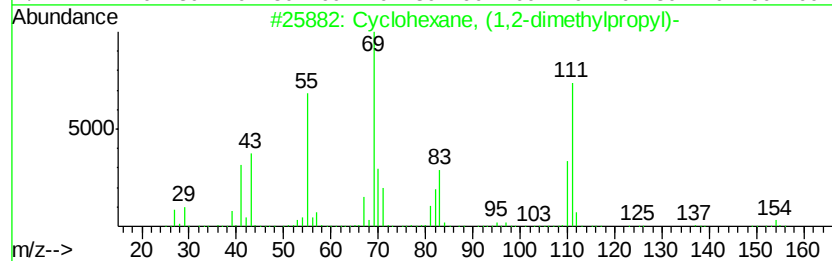
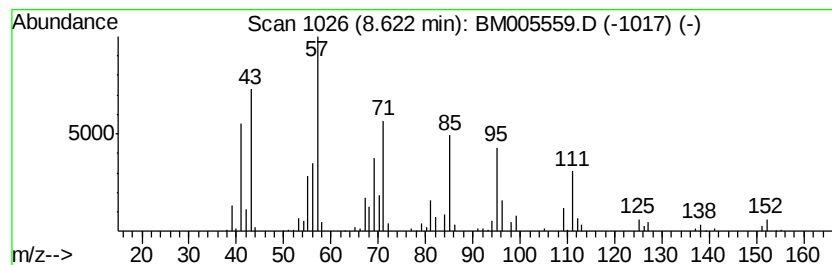
Instrument :
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ClientSampleID :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Cyclic8.62 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.62	2.26 ng/ul	541761	1,4-Dichlorobenzene-d4	7.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	43
2		Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	35
3		6-Octenal, 3,7-dimethyl-	154	C10H18O	000106-23-0	30
4		2-Decene, 2-methyl-	154	C11H22	023381-92-2	30
5		1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	27



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

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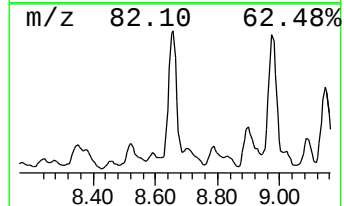
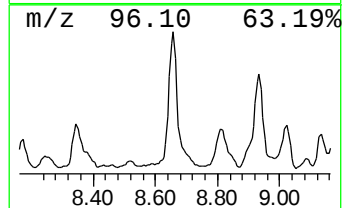
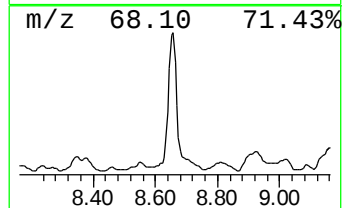
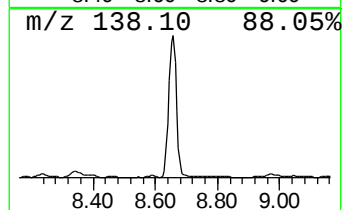
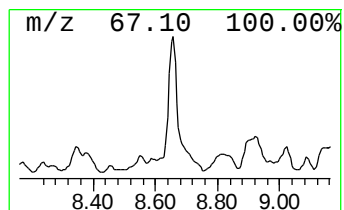
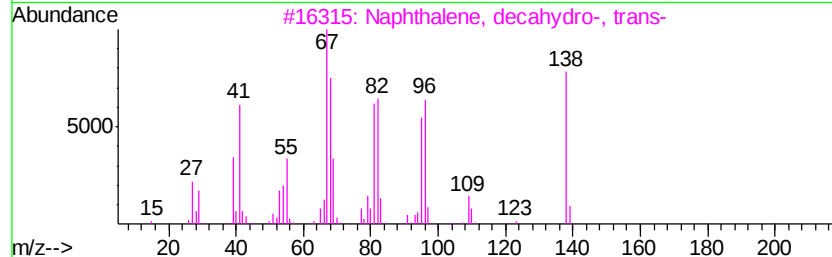
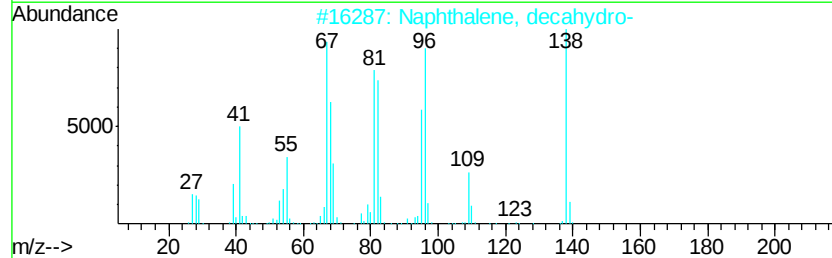
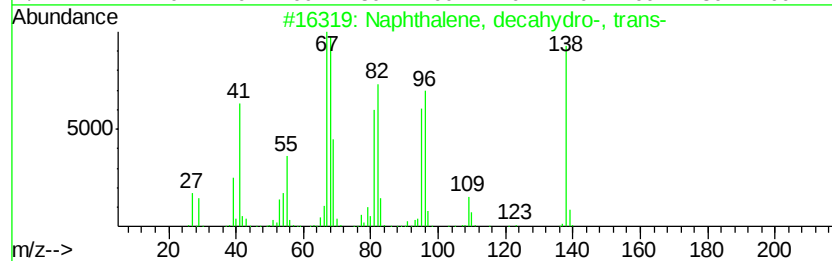
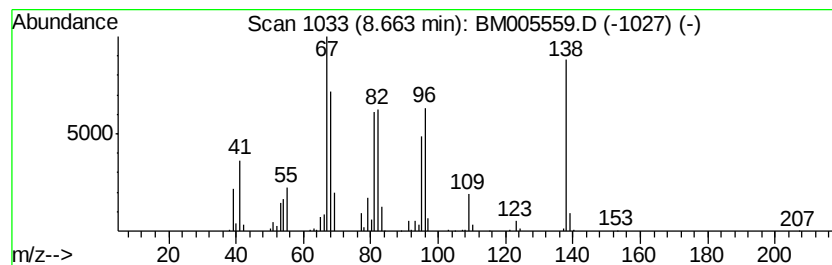
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Branched8.66 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	6.98 ng/ul	1672030	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83



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Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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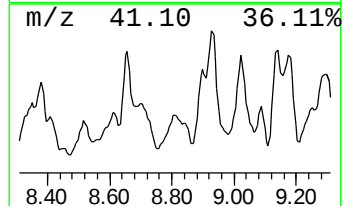
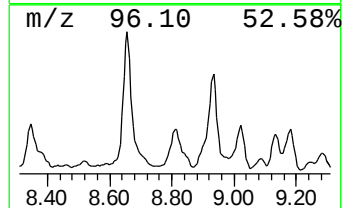
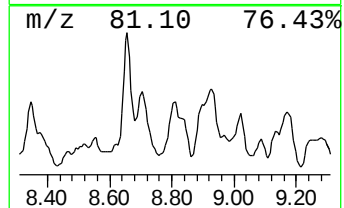
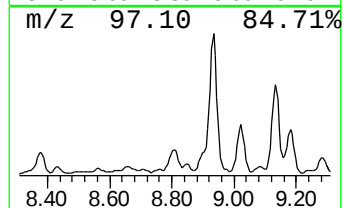
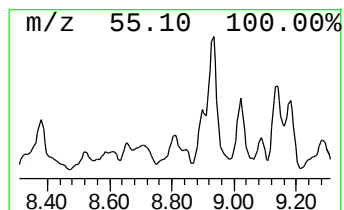
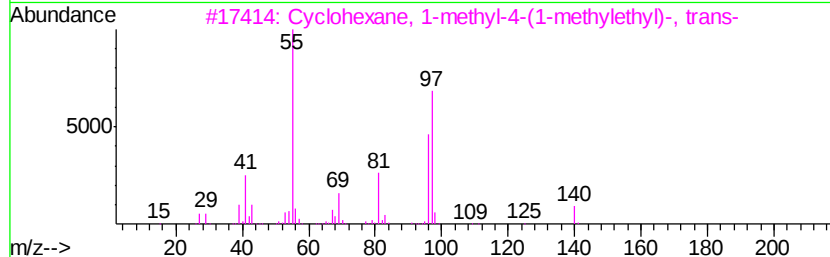
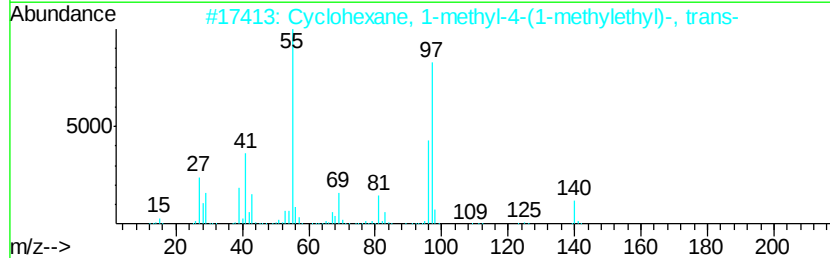
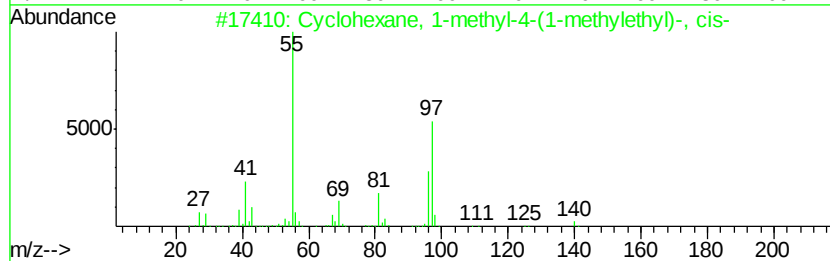
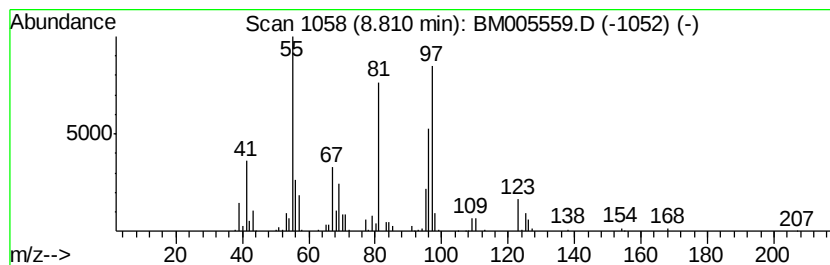
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Cyclic8.81 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.90 ng/ul	1173410	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
4			6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	43
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
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Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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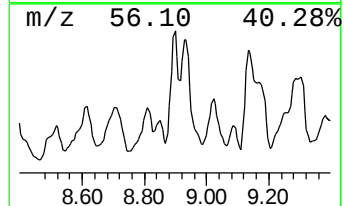
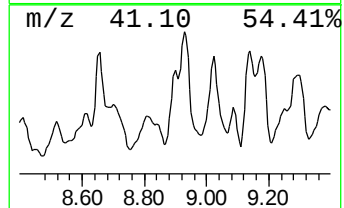
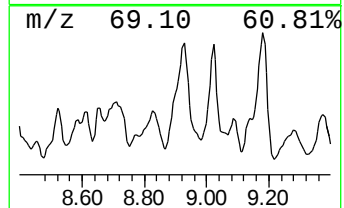
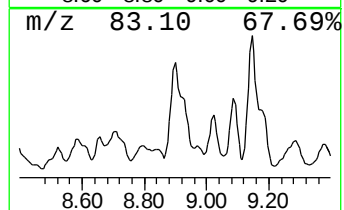
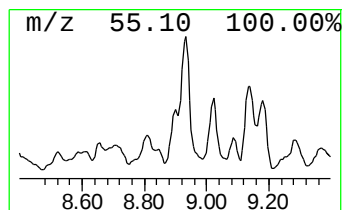
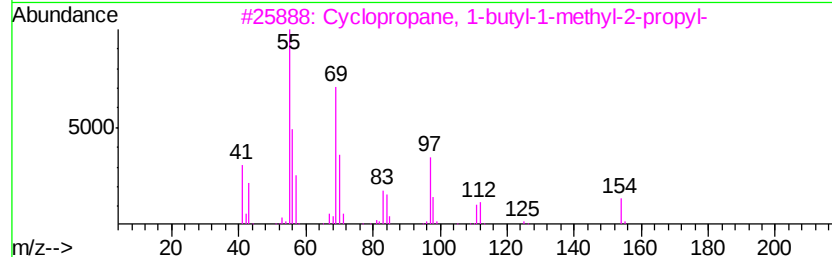
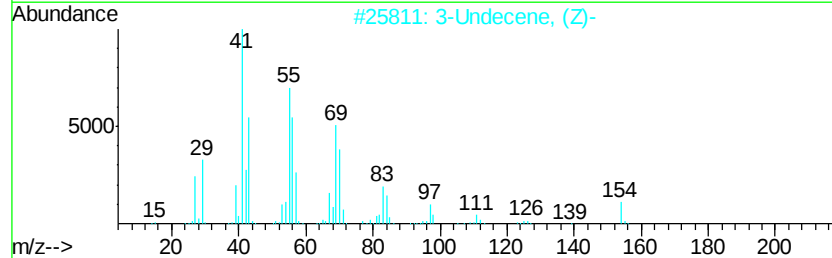
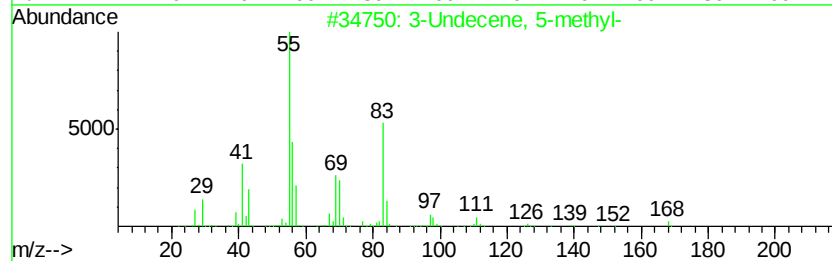
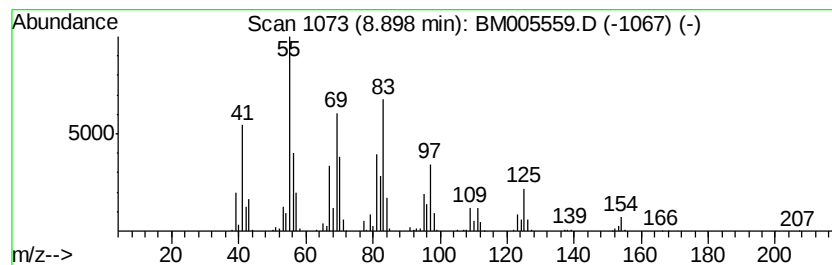
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Cyclic8.90 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	5.84 ng/ul	1399550	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	53
2			3-Undecene, (Z)-	154	C11H22	000821-97-6	53
3			Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	49
4			Cyclopropane, nonyl-	168	C12H24	074663-85-7	49
5			2-Undecene, (E)-	154	C11H22	000693-61-8	49



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
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Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

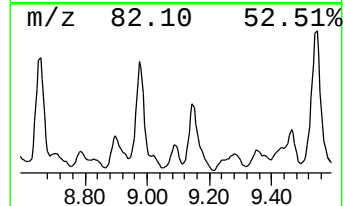
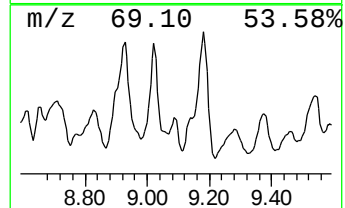
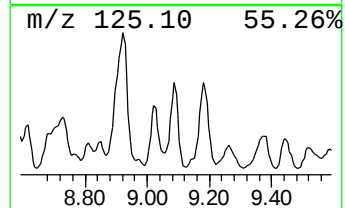
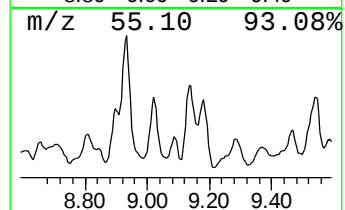
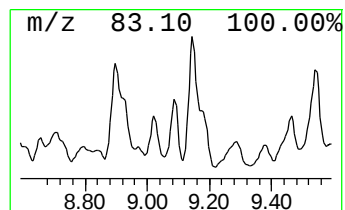
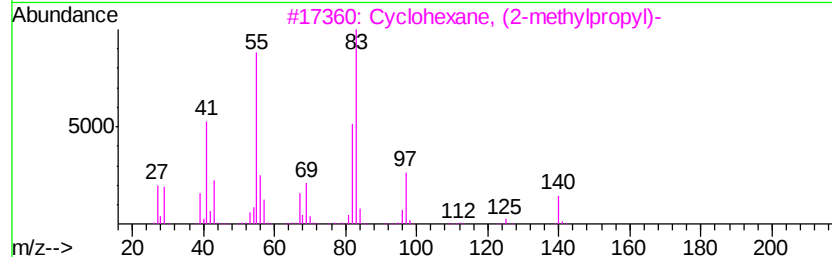
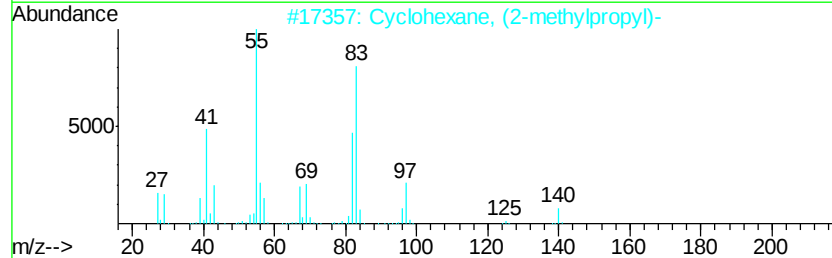
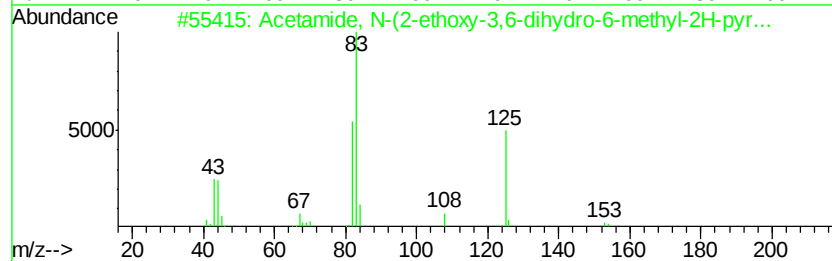
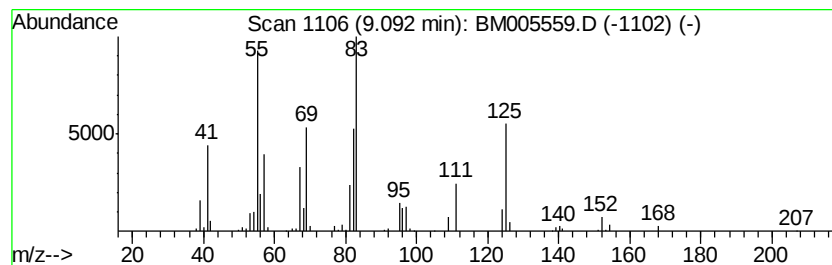
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Acetamide, N-(2-ethoxy-3,6-... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.09	2.35 ng/ul	563019	1,4-Dichlorobenzene-d4	7.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-ethoxy-3,6-dihyd...	199	C10H17N03	056248-08-9	50	
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47	
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47	
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	46	
5	1,19-Eicosadiene	278	C20H38	014811-95-1	43	



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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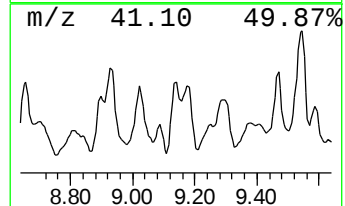
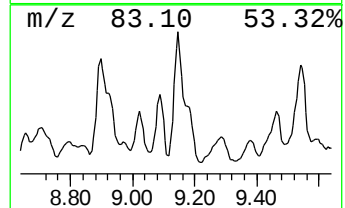
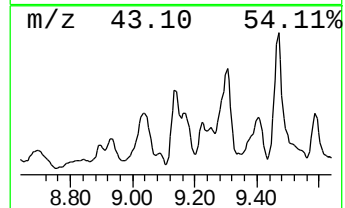
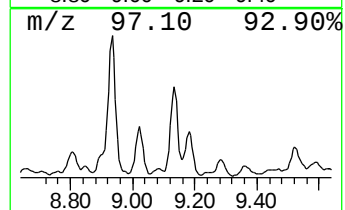
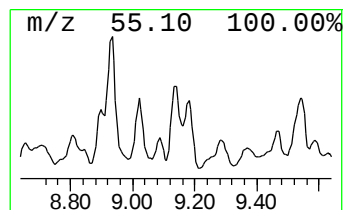
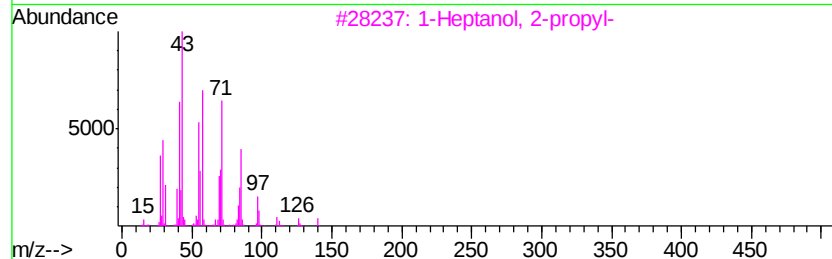
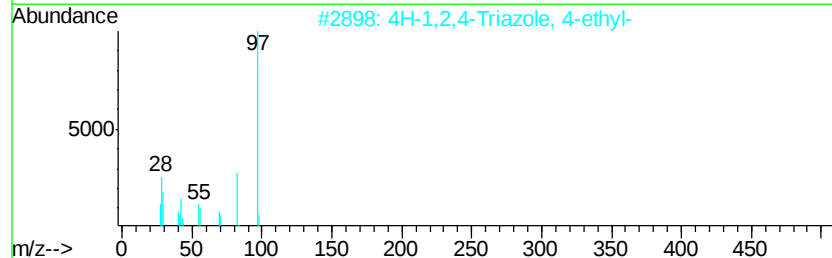
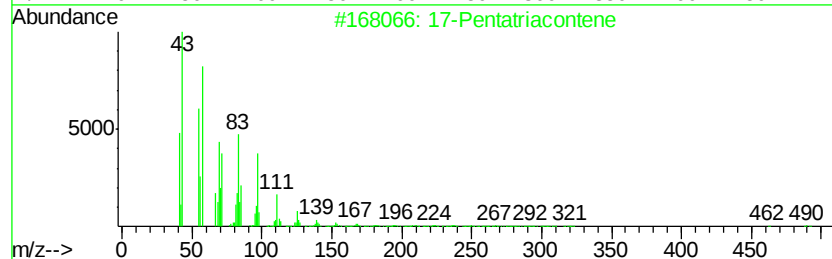
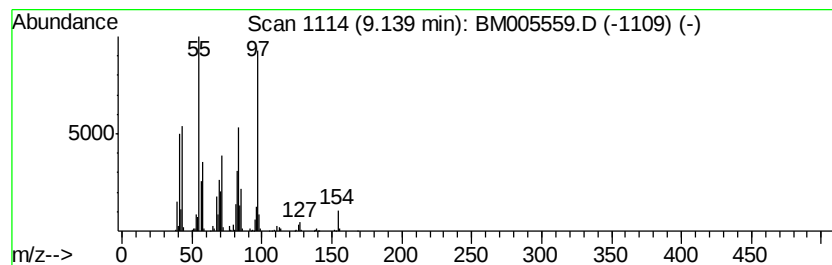
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Cyclic9.14 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	8.53 ng/ul	2042400	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	53
2		4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	27
3		1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	27
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	22
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	22



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
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Sample : H3086-07
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ALS Vial : 10 Sample Multiplier: 1

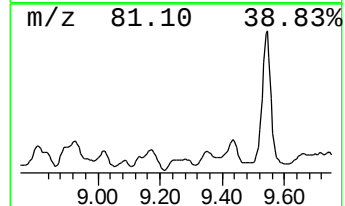
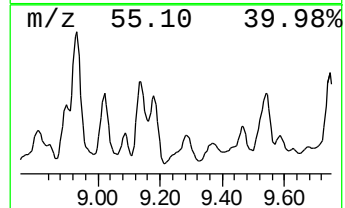
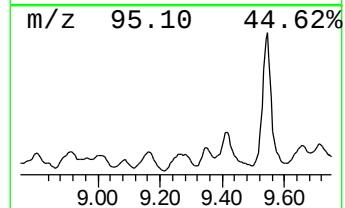
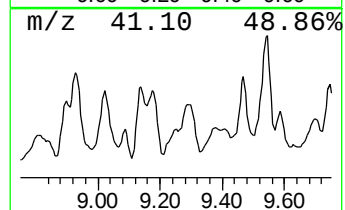
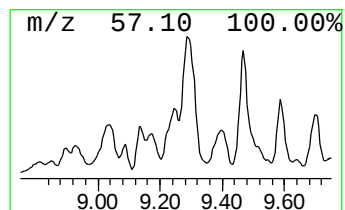
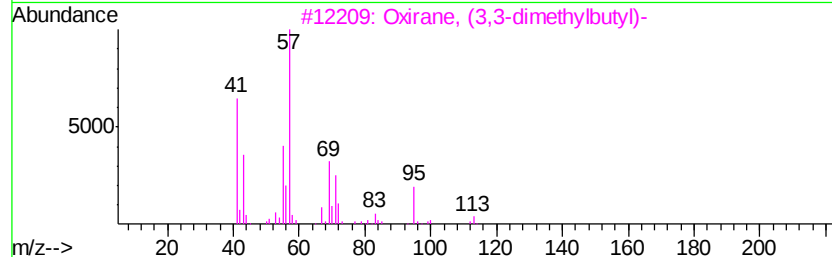
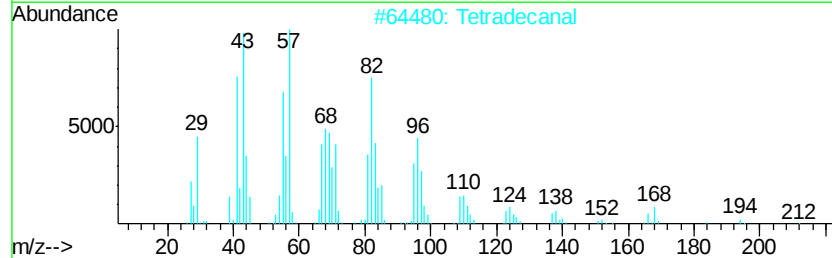
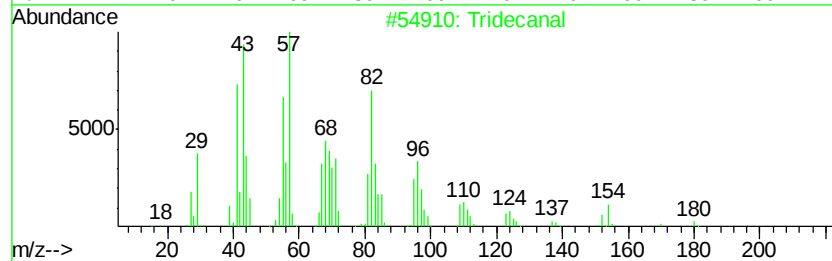
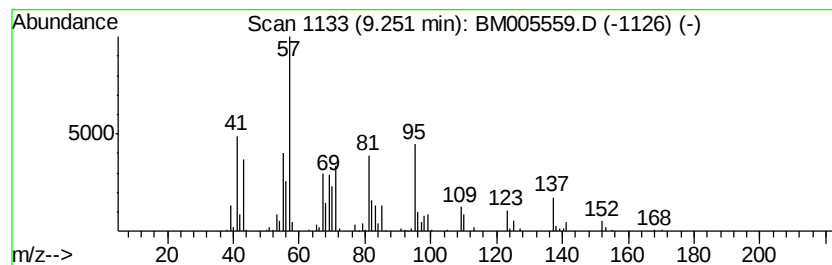
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Tridecanal Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	4.01 ng/ul	648106	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecanal	198 C13H26O	010486-19-8	50
2	Tetradecanal	212 C14H28O	000124-25-4	50
3	Oxirane, (3,3-dimethylbutyl)-	128 C8H16O	053907-77-0	47
4	1-Octanol, 2-butyl-	186 C12H26O	003913-02-8	22
5	Hex-4-yn-3-one, 2,2-dimethyl-	124 C8H12O	071932-99-5	22



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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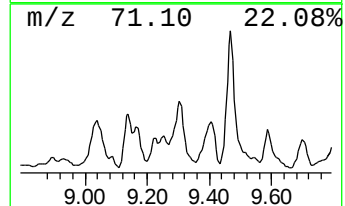
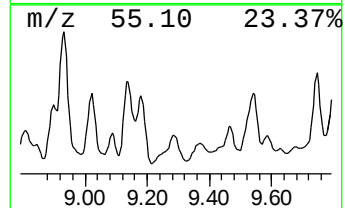
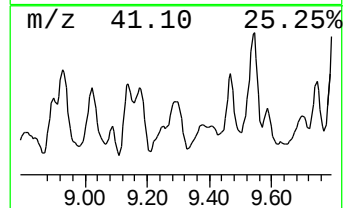
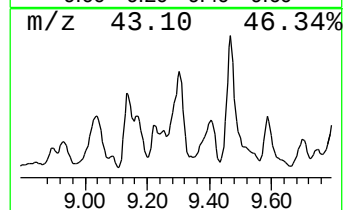
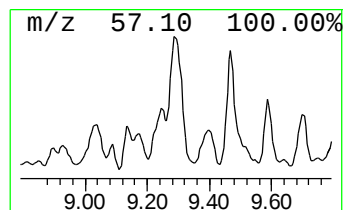
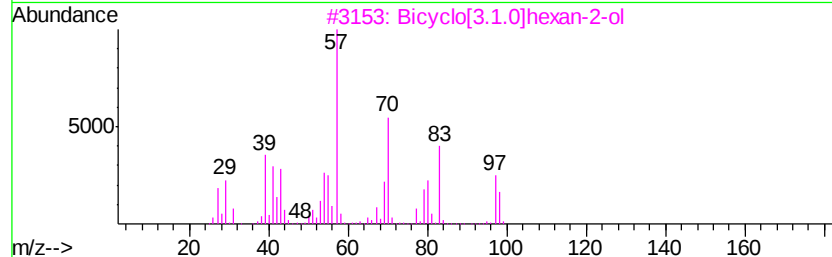
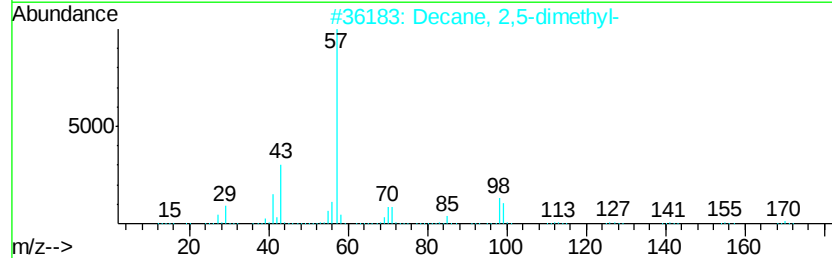
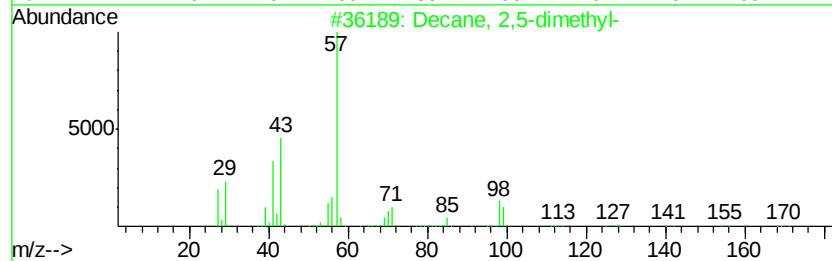
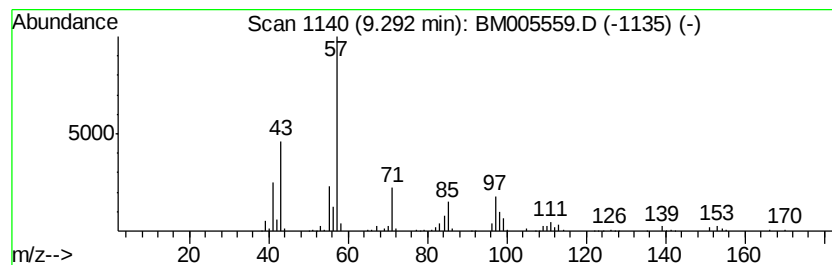
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	9.05 ng/ul	1463660	Napthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	55
2			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	43
3			Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	43
4			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
5			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampled :
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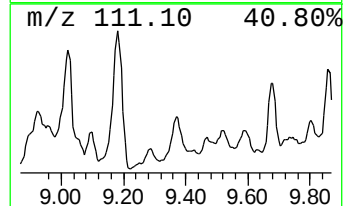
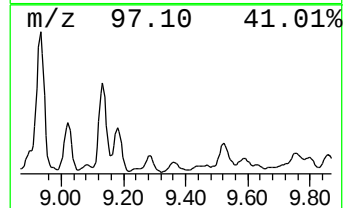
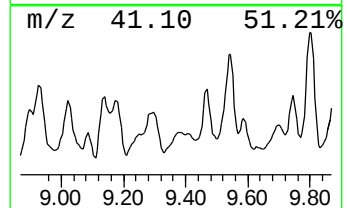
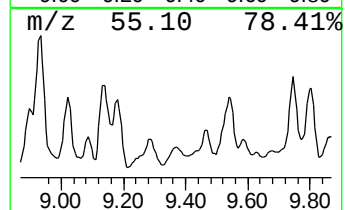
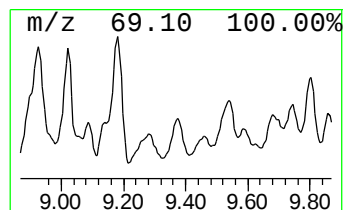
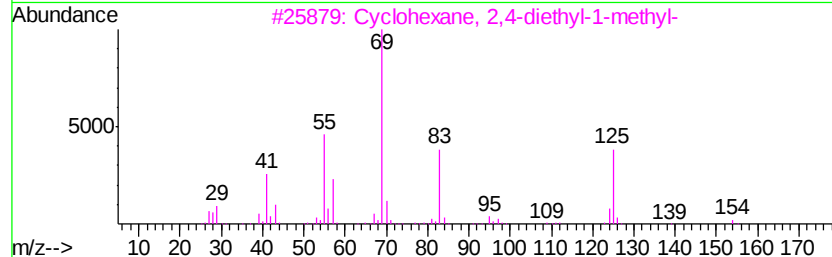
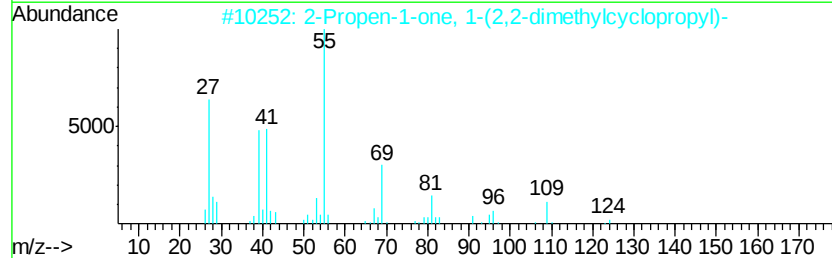
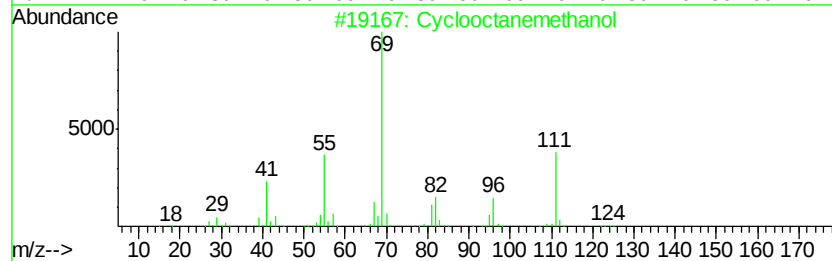
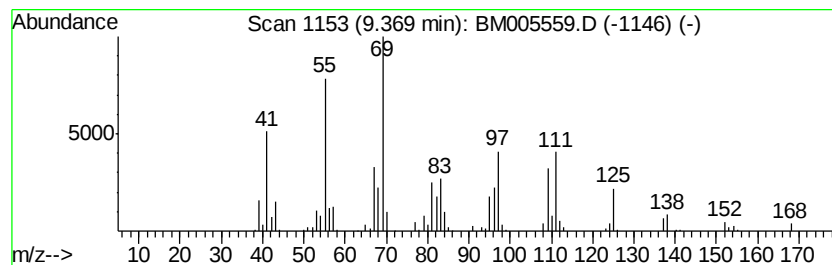
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Cyclooctanemethanol Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	5.80 ng/ul	937829	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctanemethanol	142	C9H18O	003637-63-6	50
2			2-Propen-1-one, 1-(2,2-dimethylcyclopropyl)-	124	C8H12O	077846-92-5	43
3			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	38
4			Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
5			4-Nonene, 2,3,3-trimethyl-, (E)-	168	C12H24	063830-67-1	35



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

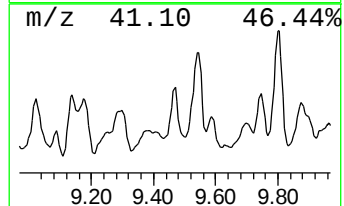
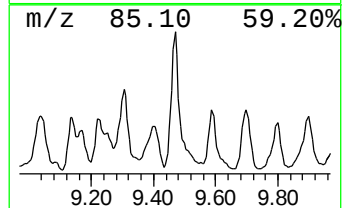
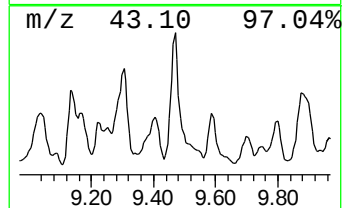
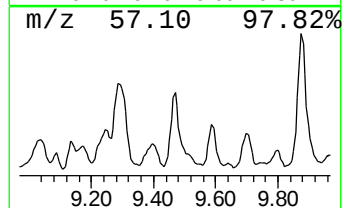
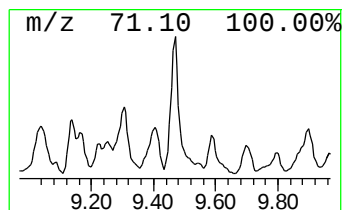
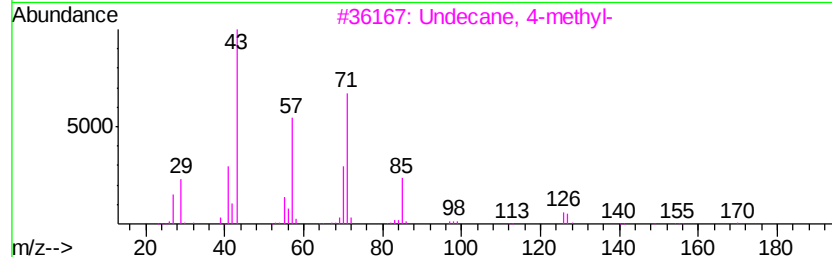
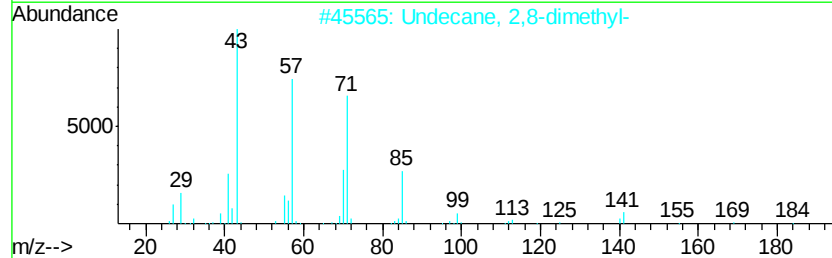
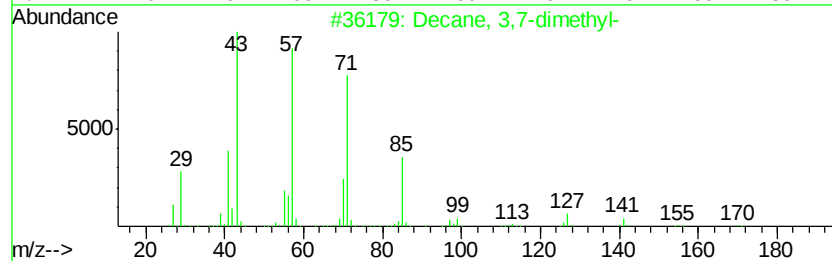
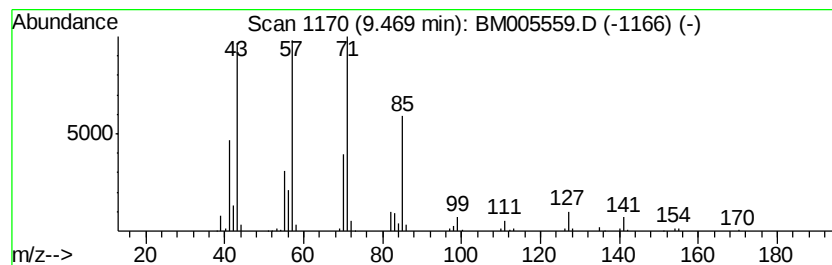
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	6.26 ng/ul	1011850	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	76
2		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	72
3		Undecane, 4-methyl-	170	C12H26	002980-69-0	64
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
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ClientSampleId :
JHGJ1

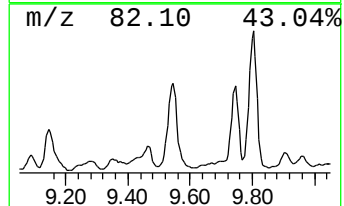
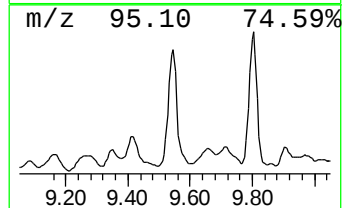
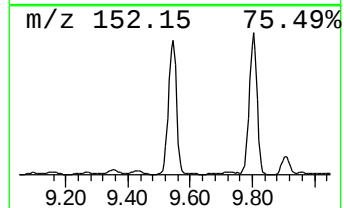
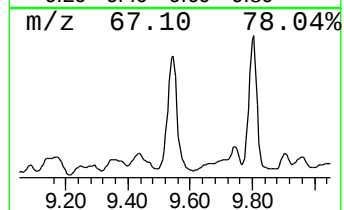
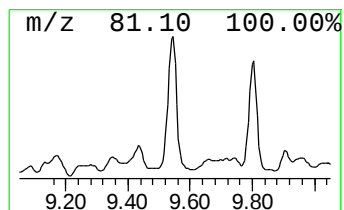
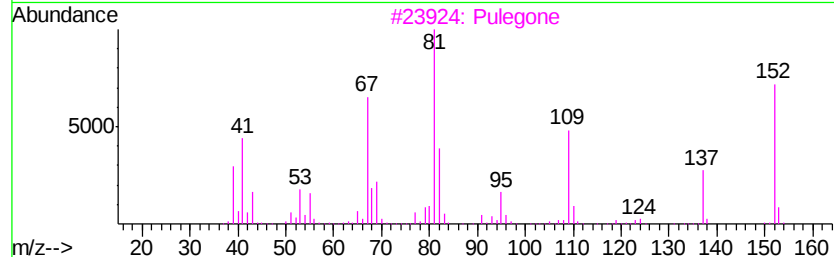
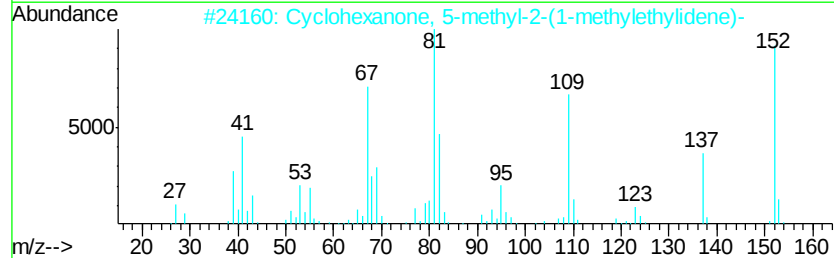
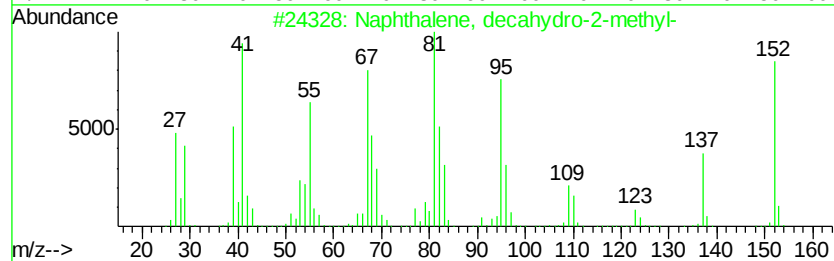
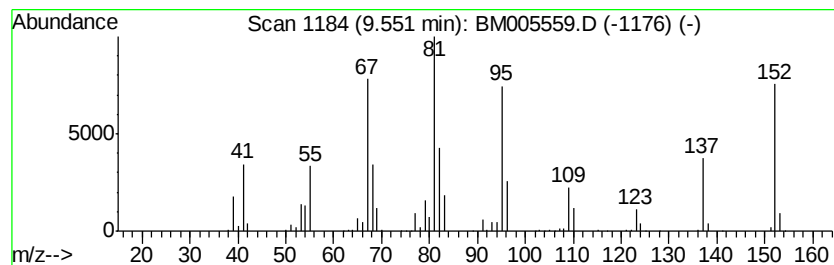
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Branched9.55 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	22.92 ng/ul	3707930	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
3		Pulegone	152	C10H16O	000089-82-7	76
4		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	58
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	58



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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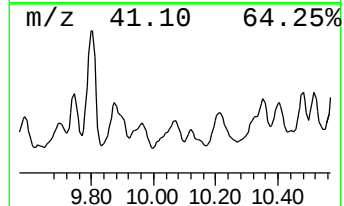
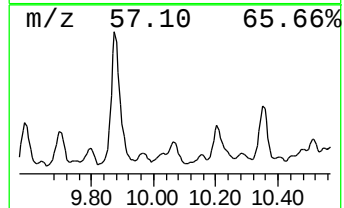
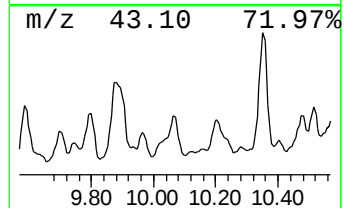
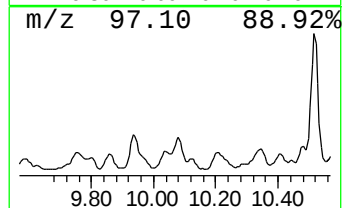
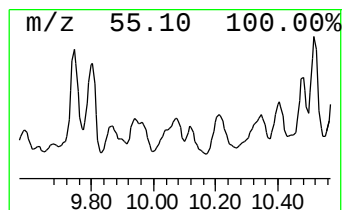
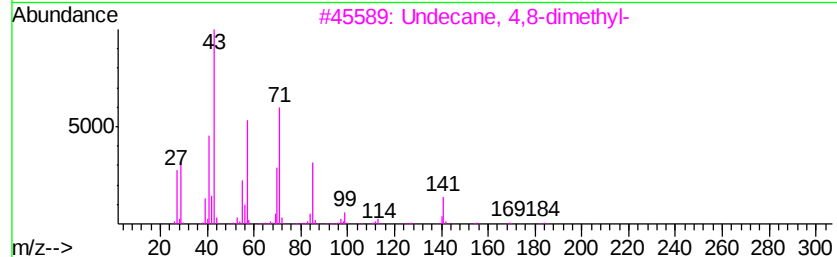
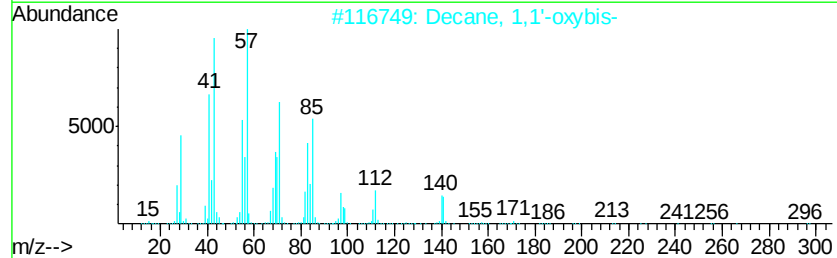
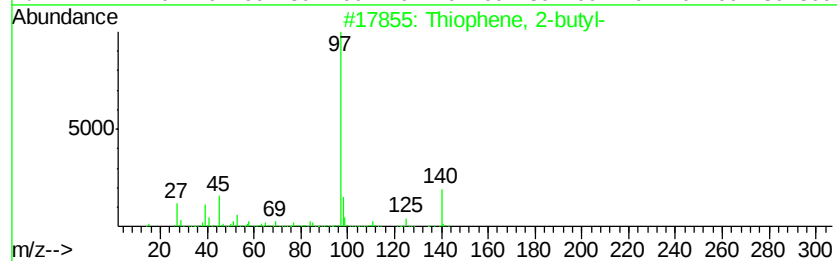
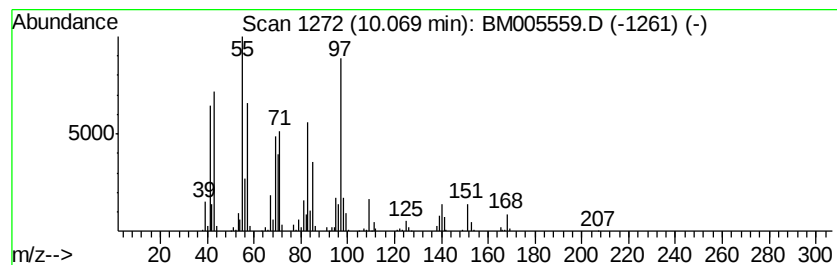
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	8.44 ng/ul	1365580	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2-butyl-	140	C8H12S	001455-20-5	30
2			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	22
3			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	22
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	22
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	18



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

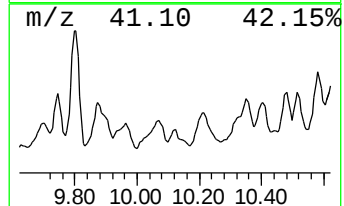
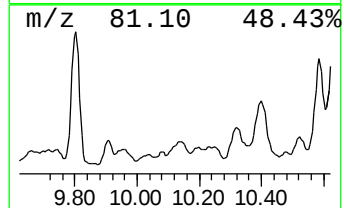
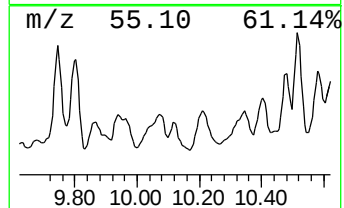
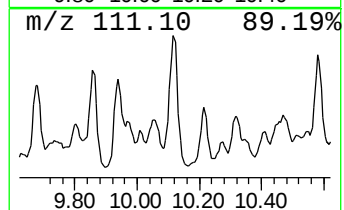
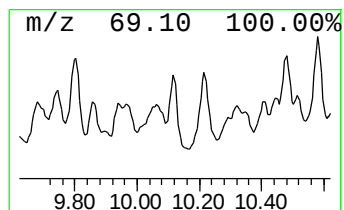
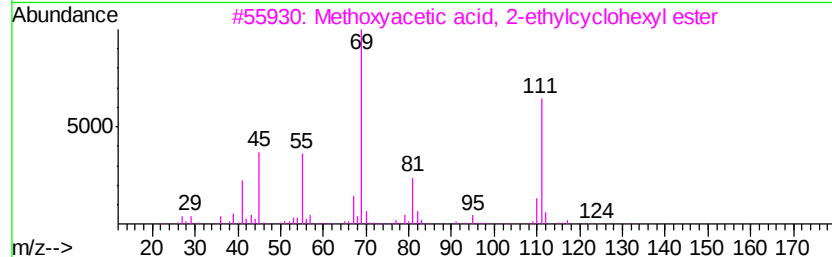
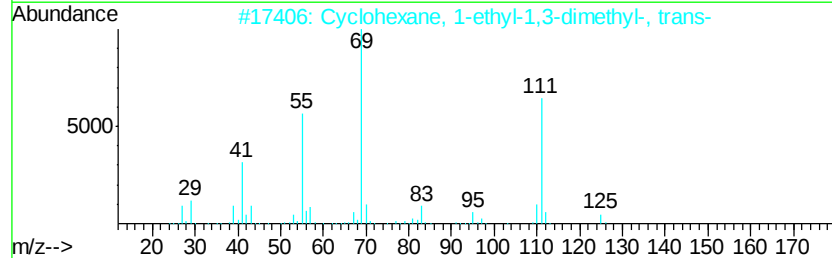
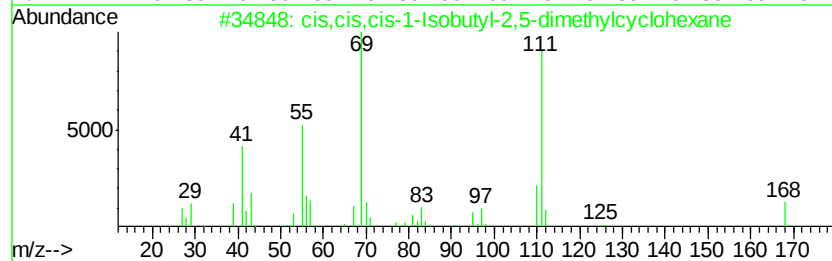
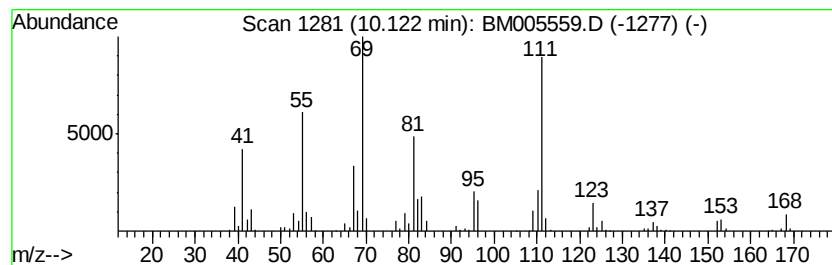
Instrument :
BNA_M
ClientSampleId :
JHGJ1

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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Cyclic10.12 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.12	3.00 ng/ul	484516	Napthalene-d8	10.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis,cis,cis-1-Isobutyl-2,5-dimet...	168	C12H24	1000113-60-0	59
2		Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	53
3		Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	53
4		Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	50
5		Cyclooctyl bromide	190	C8H15Br	001556-09-8	45



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

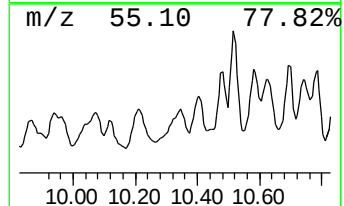
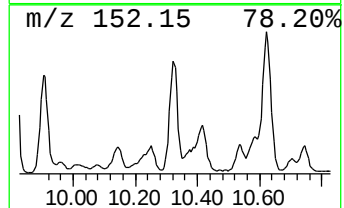
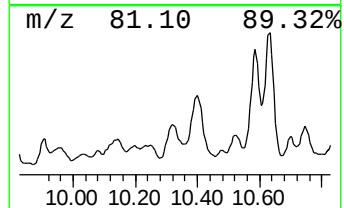
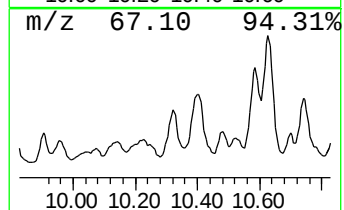
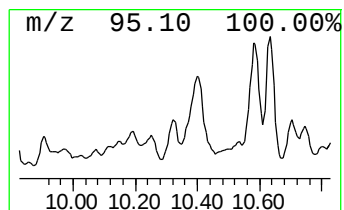
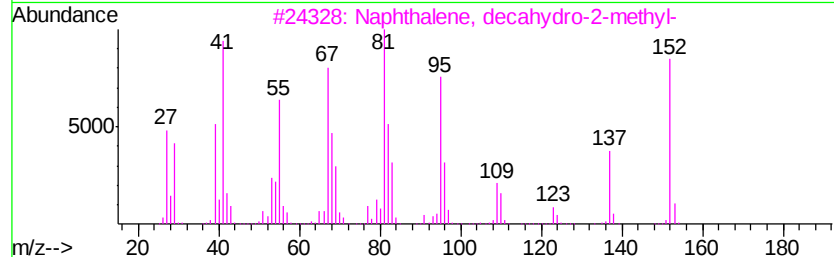
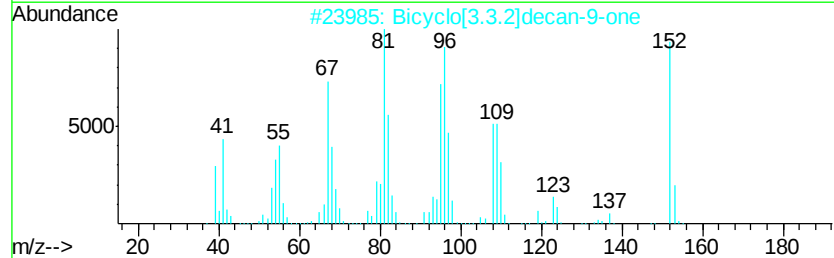
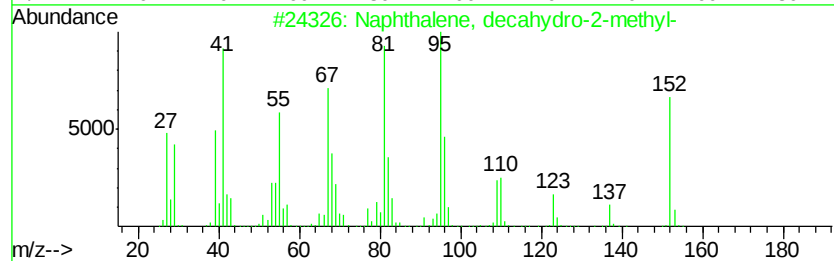
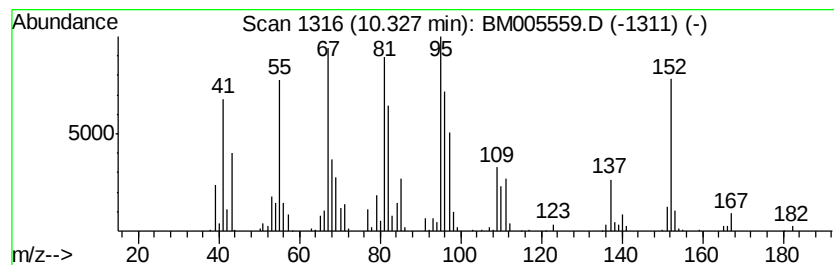
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Branched10.33 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.01 ng/ul	648739	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	80
2		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	74
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	68
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
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Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

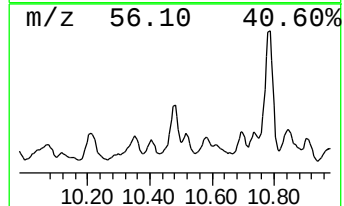
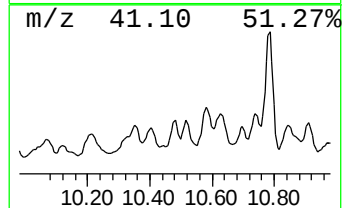
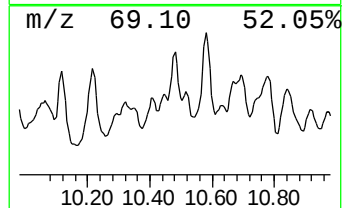
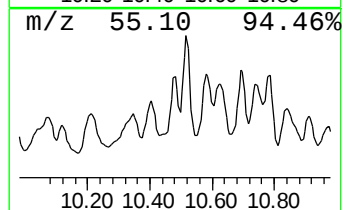
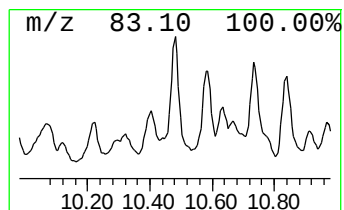
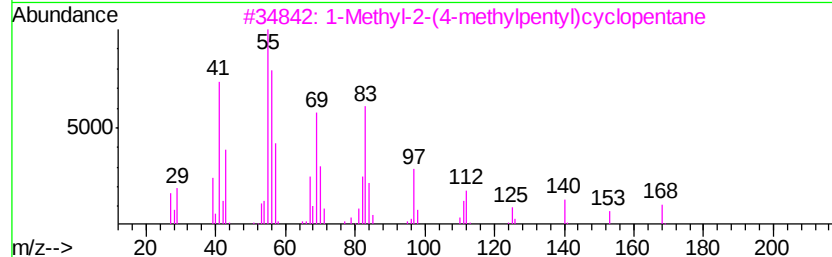
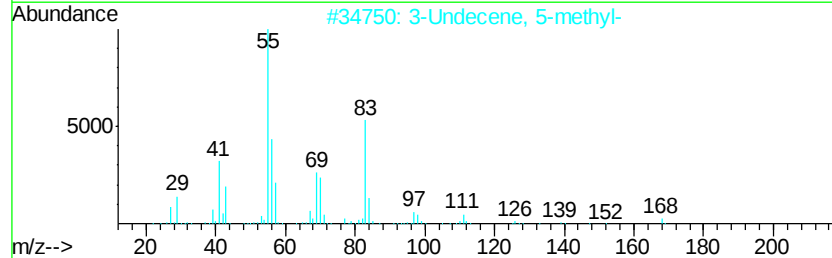
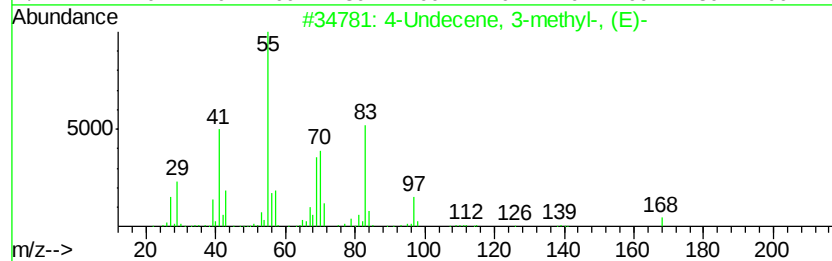
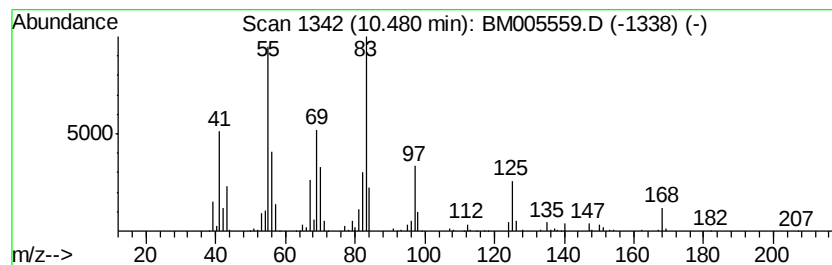
Instrument :
BNA_M
ClientSampleId :
JHGJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Cyclic10.48 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.48	6.12 ng/ul	990710	Naphthalene-d8	10.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 3-methyl-, (E)-	168	C12H24	074630-59-4	64
2	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	62
3	1-Methyl-2-(4-methylpentyl)cyclo...	168	C12H24	1000113-60-1	53
4	Cyclopentane, 1-methyl-2-(4-meth...	168	C12H24	066553-50-2	53
5	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	46



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JHGJ1

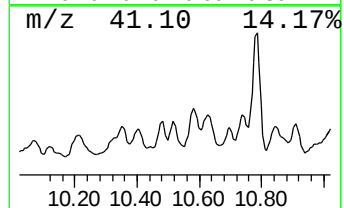
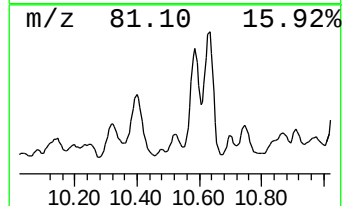
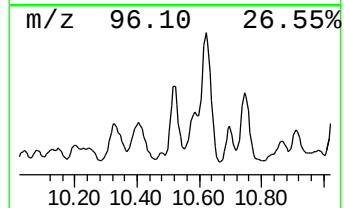
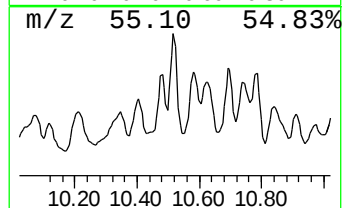
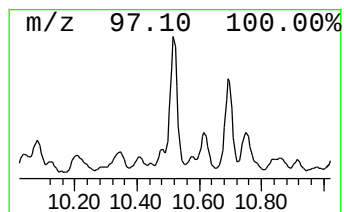
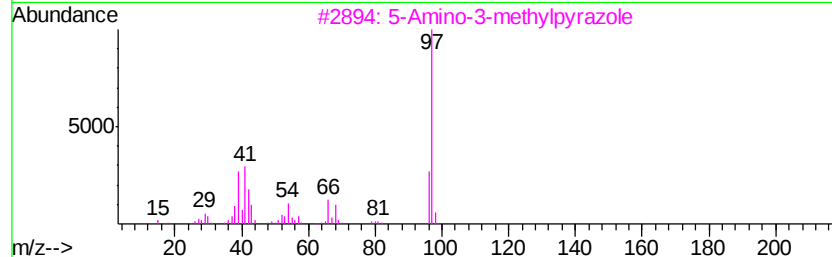
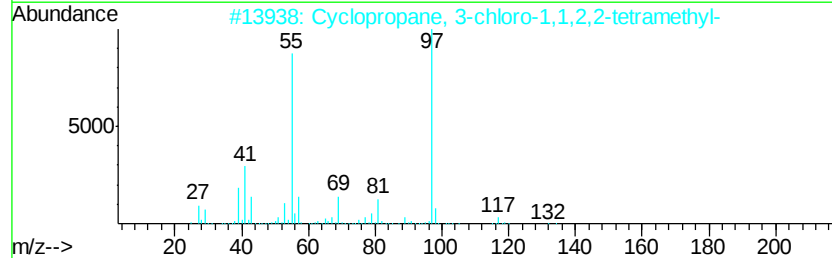
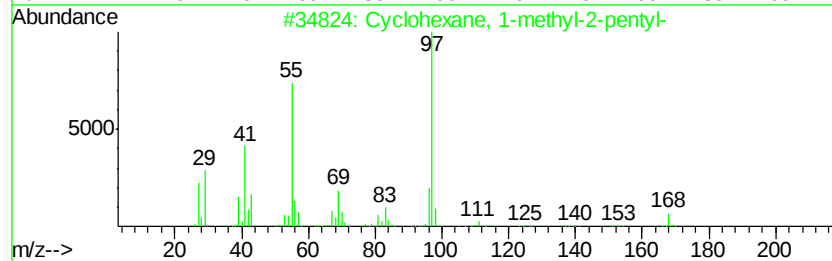
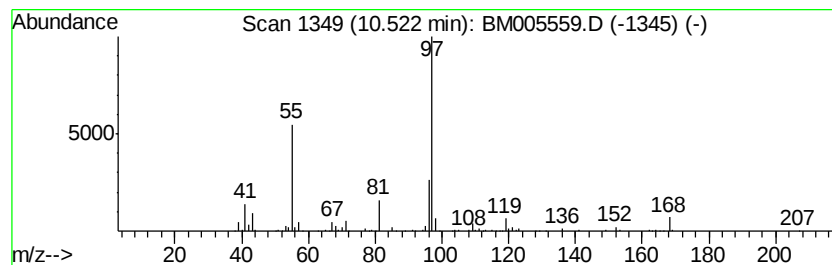
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Cyclic10.52 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	7.92 ng/ul	1281690	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	59
2		Cyclopropane, 3-chloro-1,1,2,2-t...	132	C7H13Cl	014123-41-2	59
3		5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	58
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	56
5		4-Octen-3-one	126	C8H14O	014129-48-7	53



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

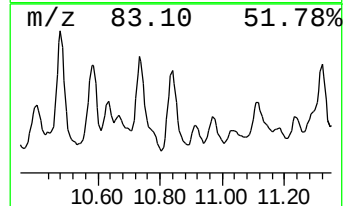
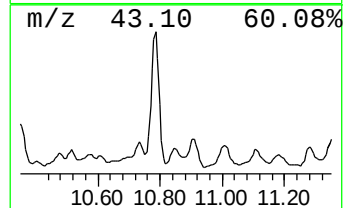
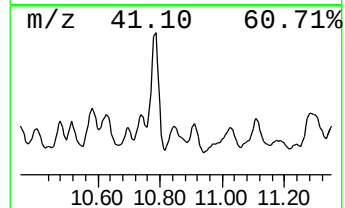
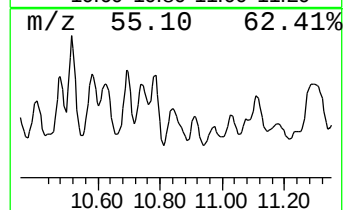
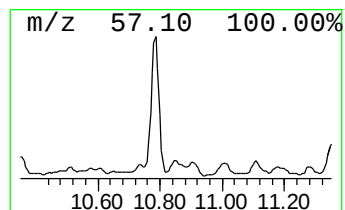
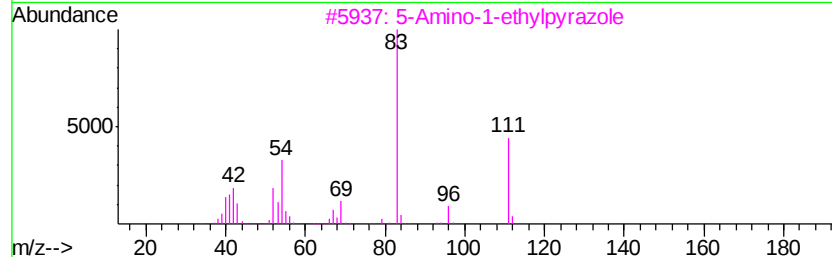
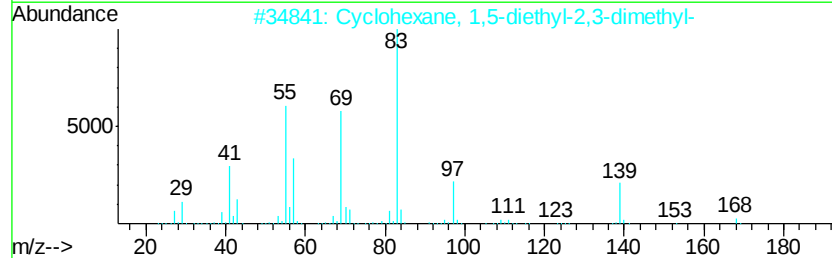
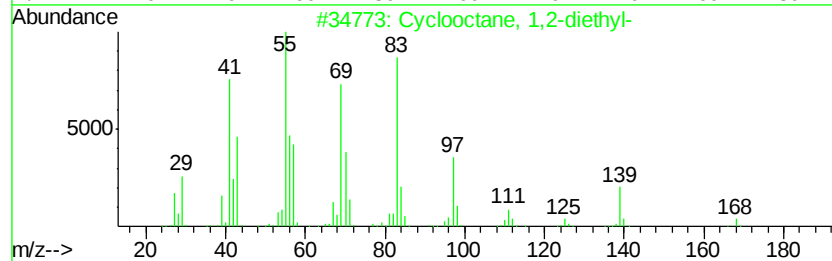
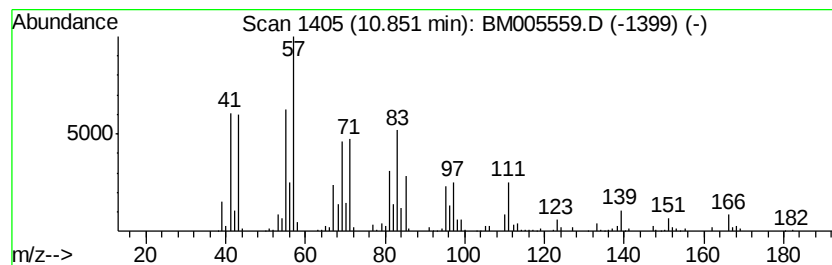
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Cyclic10.85 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	9.73 ng/ul	1574710	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	38
2		Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	35
3		5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	30
4		3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	30
5		1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	27



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JHGJ1

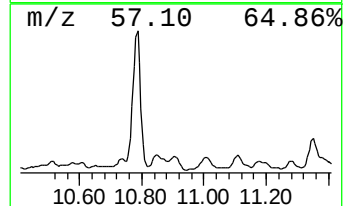
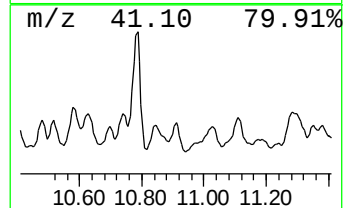
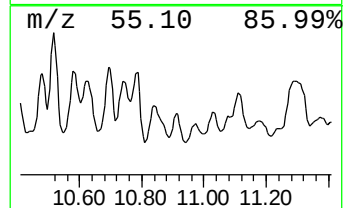
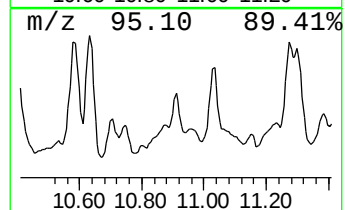
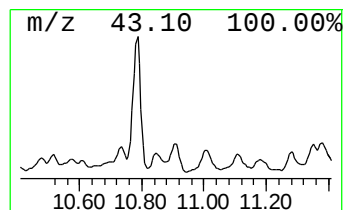
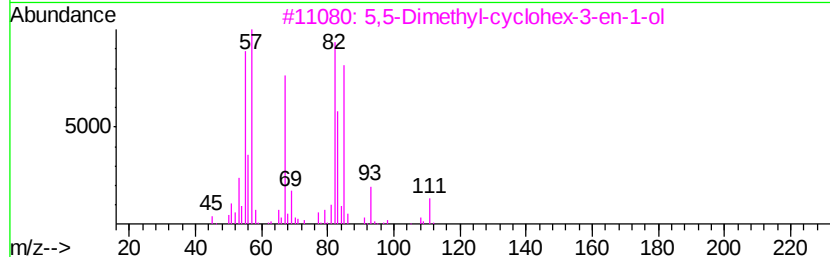
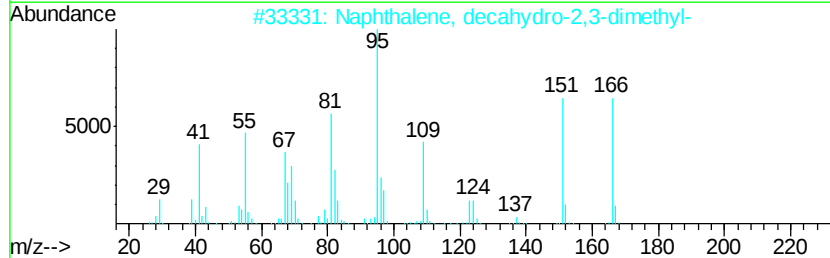
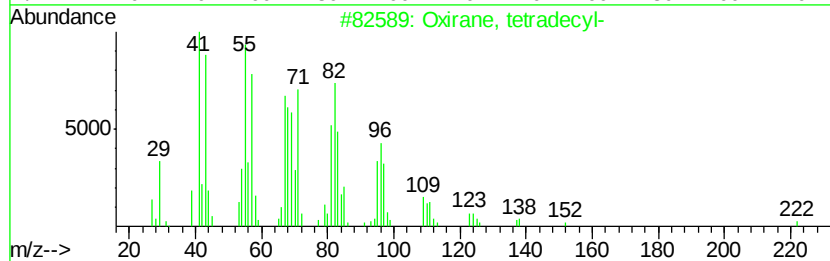
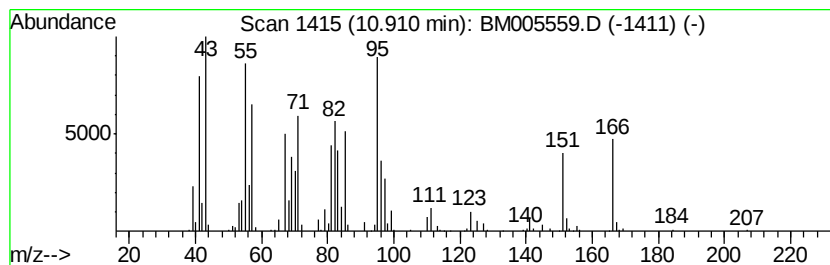
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	7.74 ng/ul	1252210	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	49
2		Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	30
3		5,5-Dimethyl-cyclohex-3-en-1-ol	126	C8H14O	082299-68-1	30
4		1,15-Pentadecanediol	244	C15H32O2	014722-40-8	27
5		trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	25



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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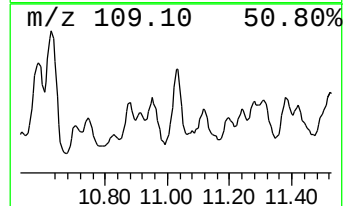
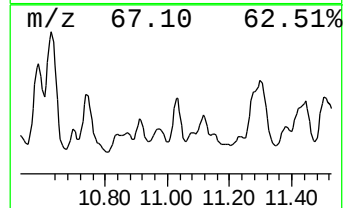
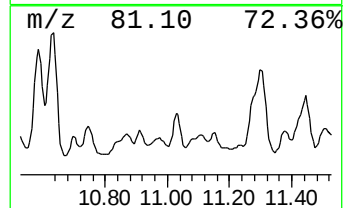
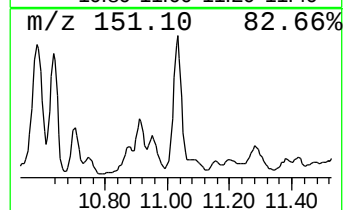
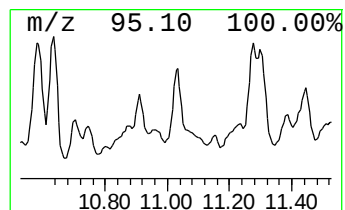
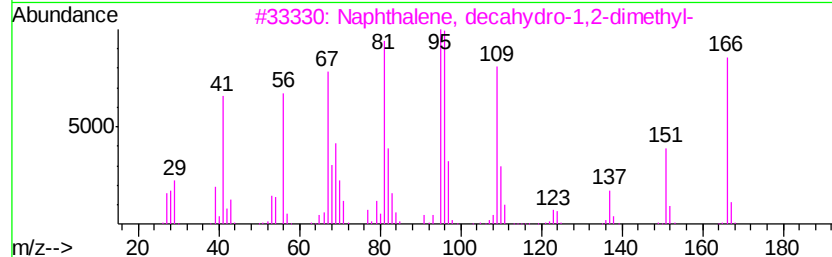
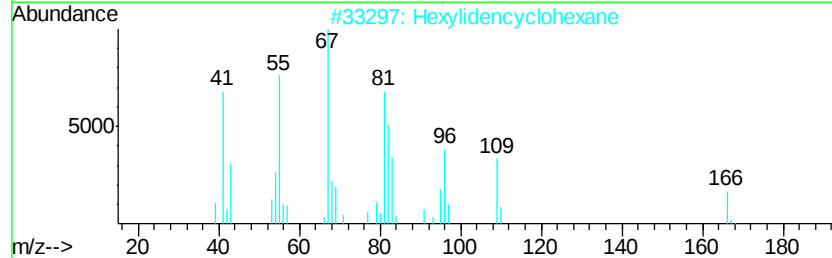
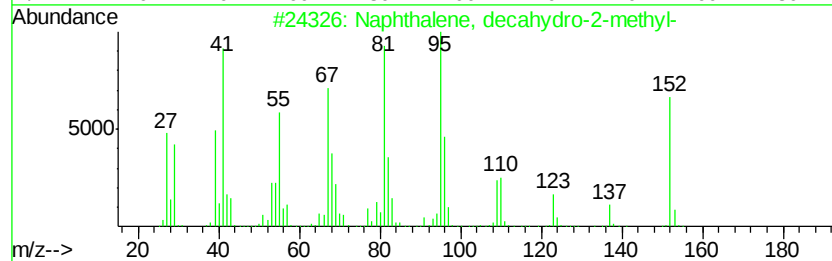
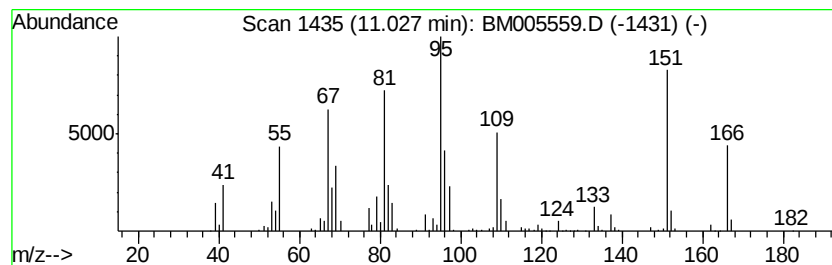
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Branched11.03 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	6.49 ng/ul	1049380	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
2		Hexylidencyclohexane	166	C12H22	010201-62-4	43
3		Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	43
4		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	42
5		7-Tetradecyne	194	C14H26	035216-11-6	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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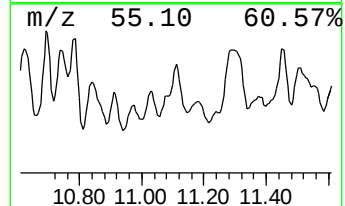
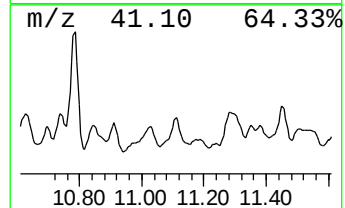
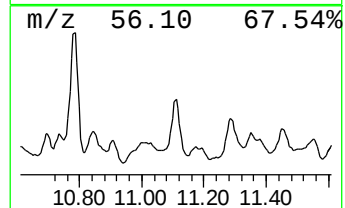
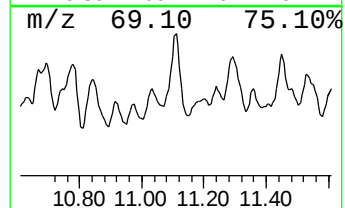
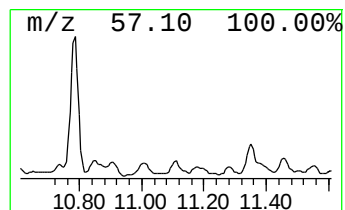
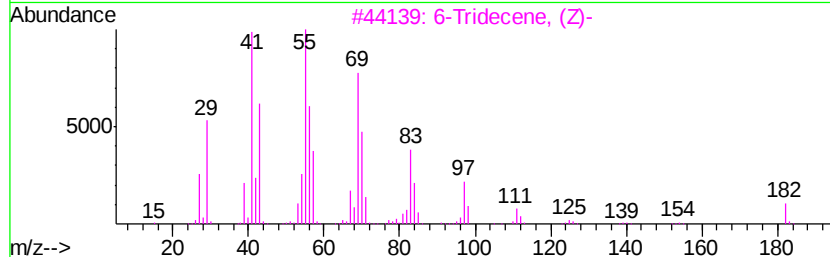
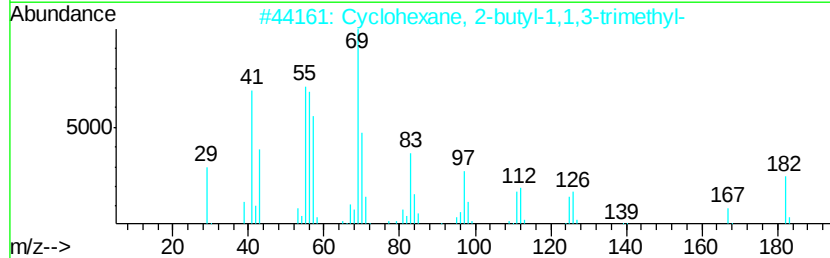
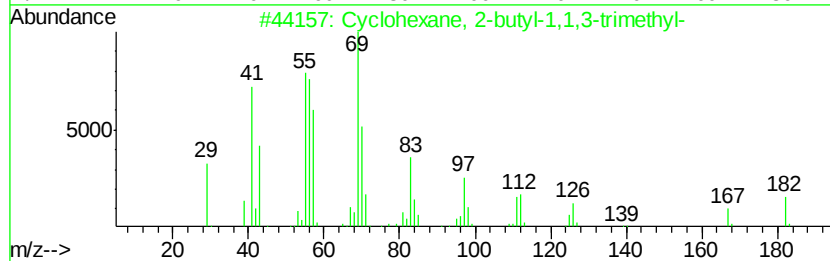
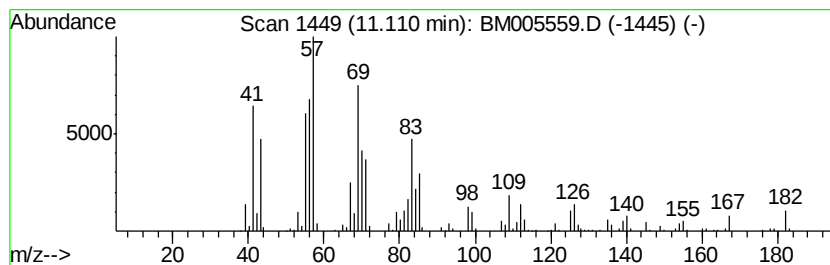
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Cyclic11.11 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	5.97 ng/ul	965593	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	81
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	74
3			6-Tridecene, (Z)-	182	C13H26	006508-77-6	72
4			Cyclopentane, propyl-	112	C8H16	002040-96-2	64
5			3-Undecene, (Z)-	154	C11H22	000821-97-6	62



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

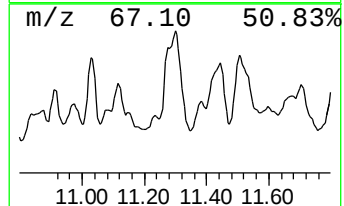
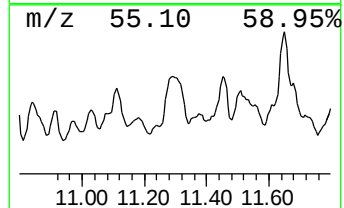
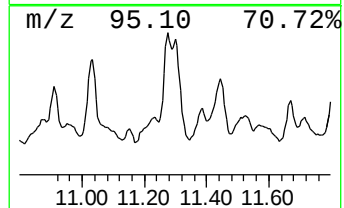
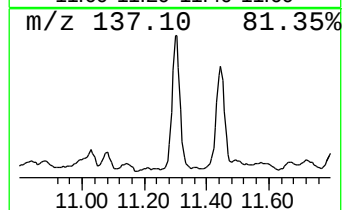
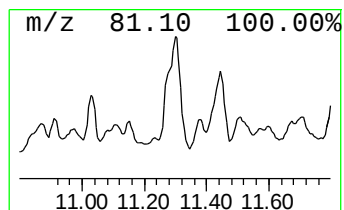
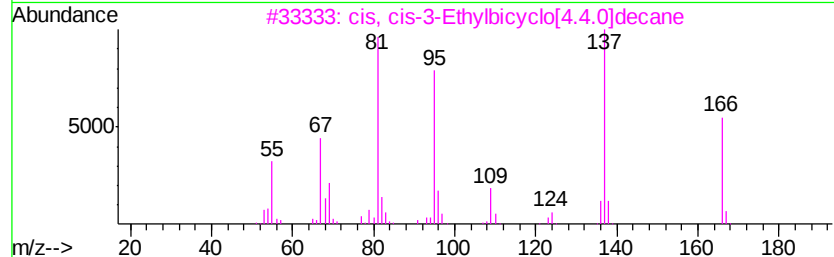
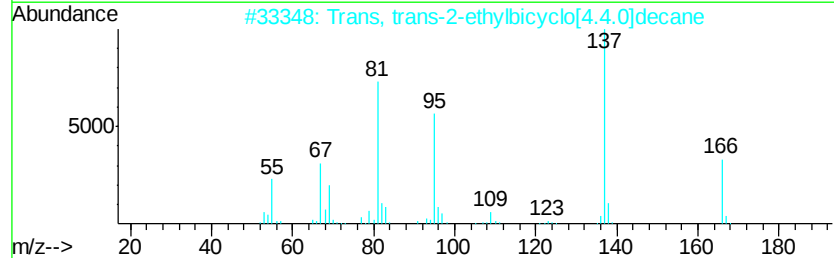
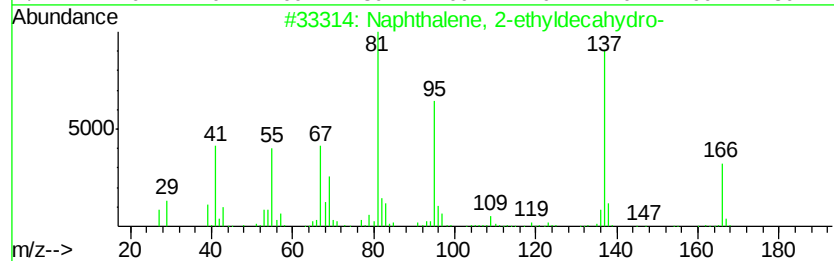
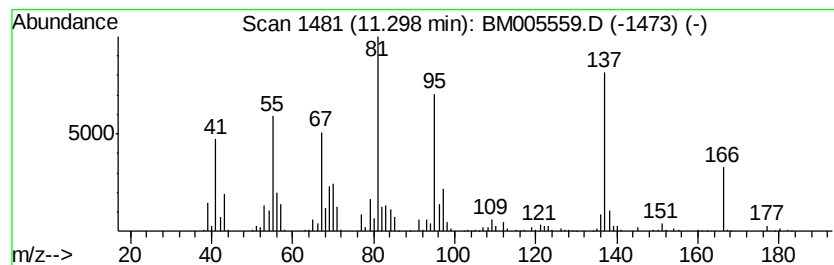
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Branched11.30 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	20.24 ng/ul	3273350	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	93
2		Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	91
3		cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	91
4		cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	91
5		trans,trans-3-Ethylbicyclo[4.4.0]...	166	C12H22	058462-32-1	81



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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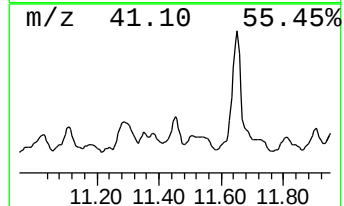
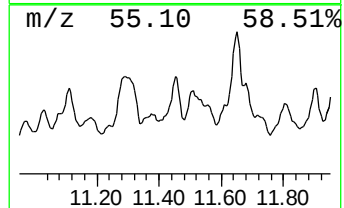
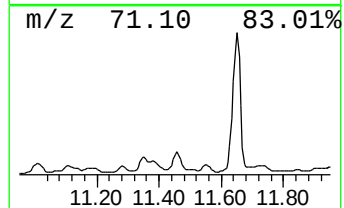
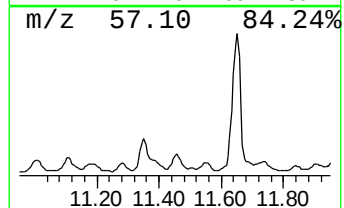
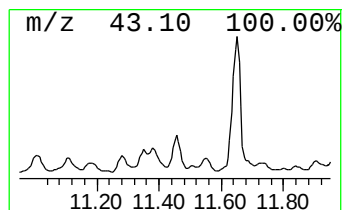
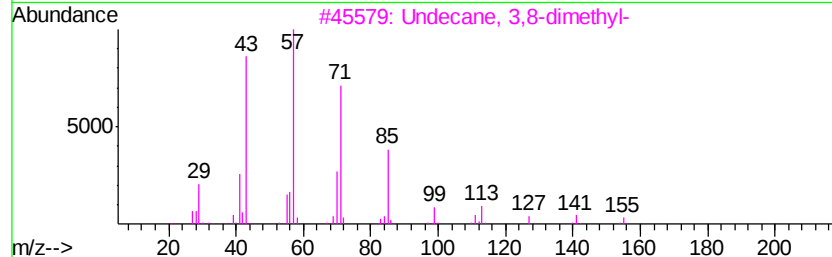
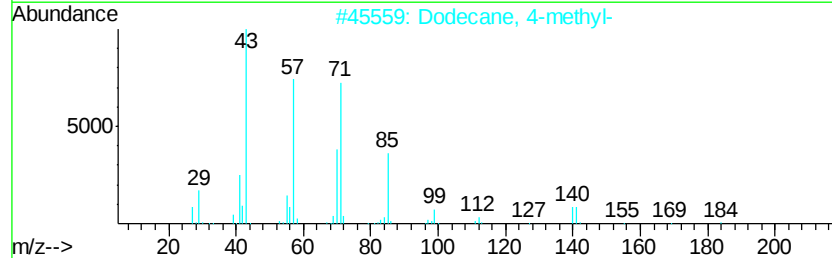
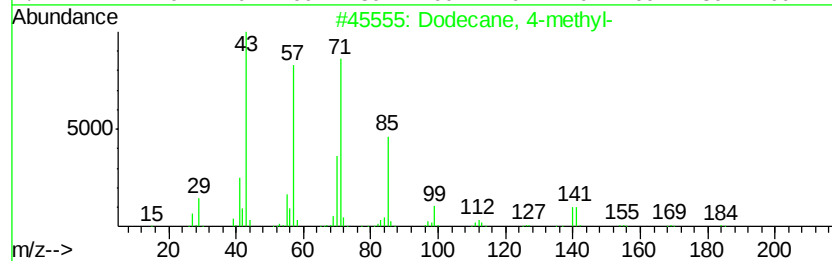
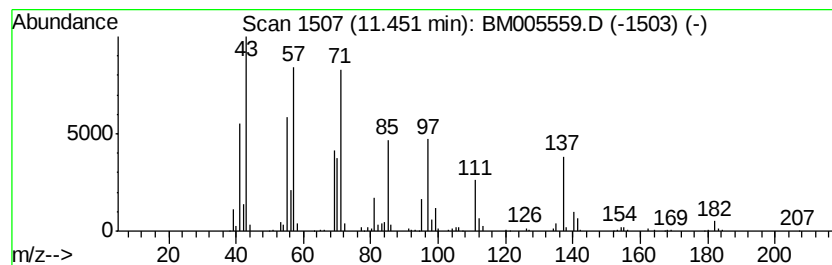
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	9.64 ng/ul	1560000	Napthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	78
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
3			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	47
4			Undecane	156	C11H24	001120-21-4	46
5			Undecane, 4-methyl-	170	C12H26	002980-69-0	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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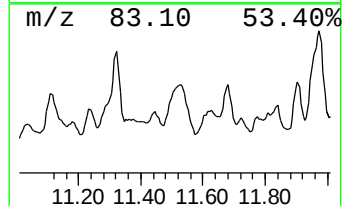
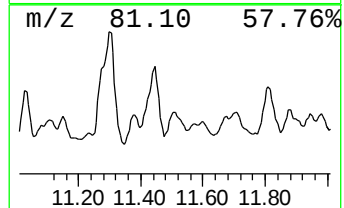
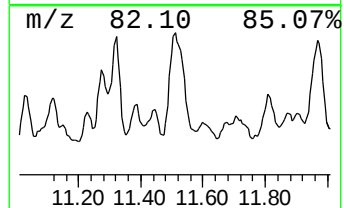
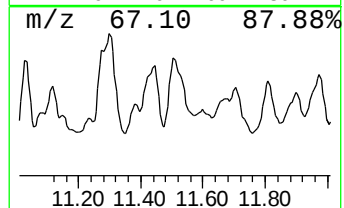
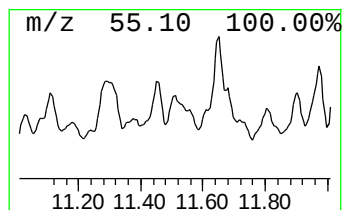
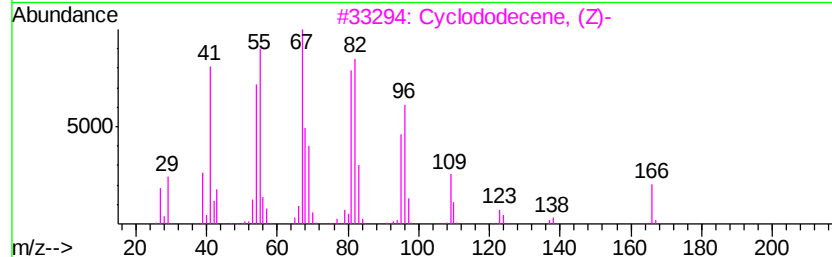
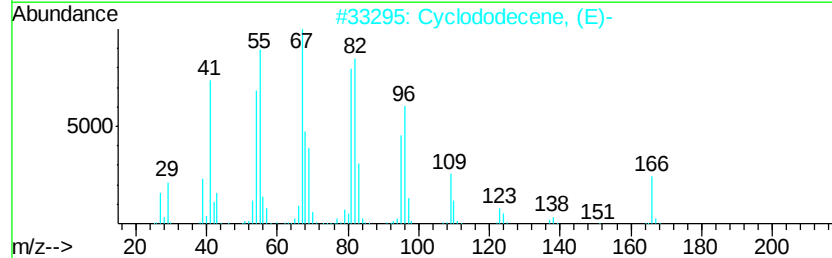
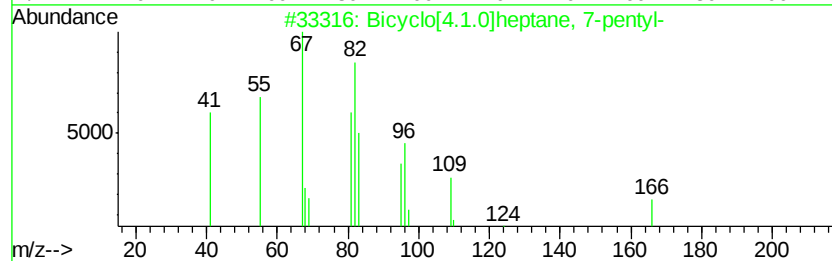
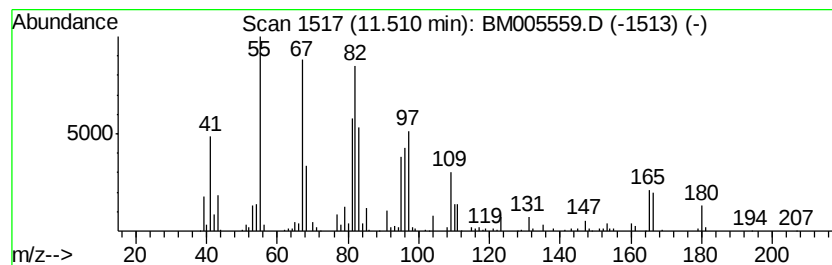
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Branched11.51 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	2.56 ng/ul	413495	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	87
2		Cyclododecene, (E)-	166	C12H22	001486-75-5	76
3		Cyclododecene, (Z)-	166	C12H22	001129-89-1	76
4		1-Octadecyne	250	C18H34	000629-89-0	58
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	50



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Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Sample : H3086-07
Misc :
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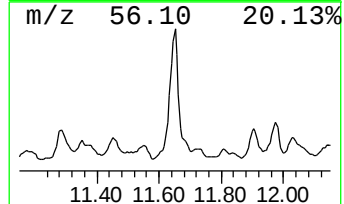
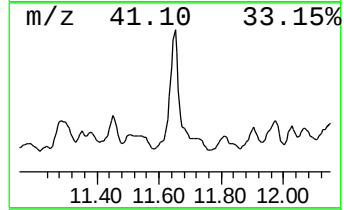
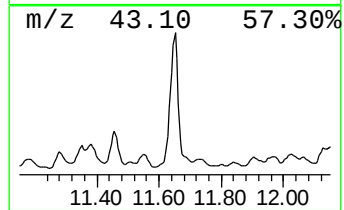
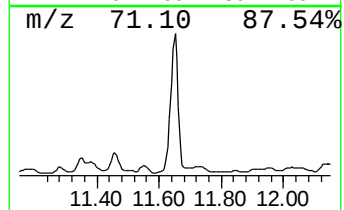
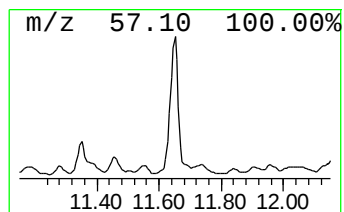
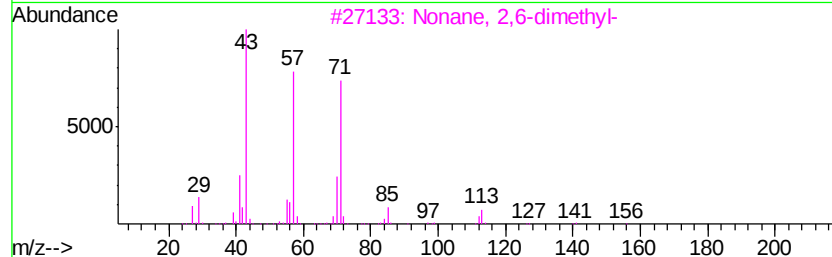
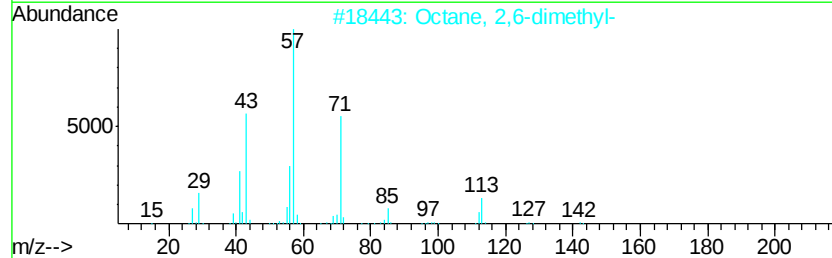
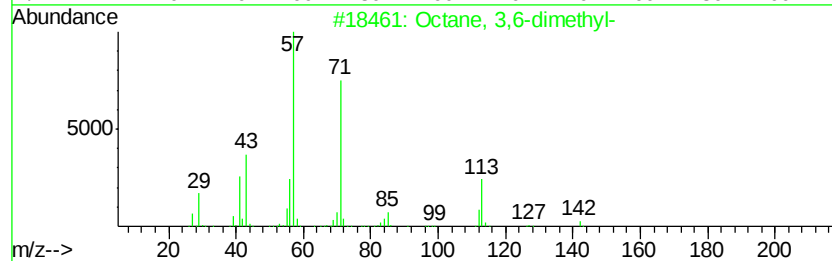
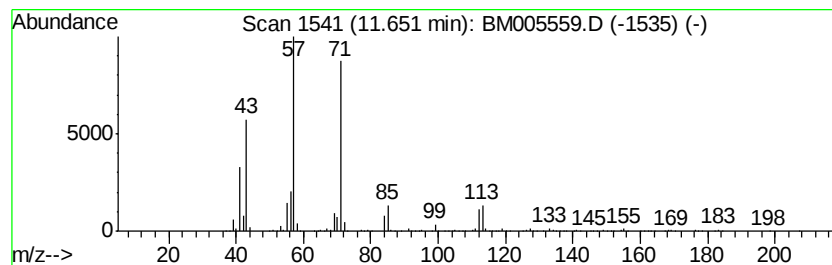
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	36.65 ng/ul	5928620	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4		2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	64
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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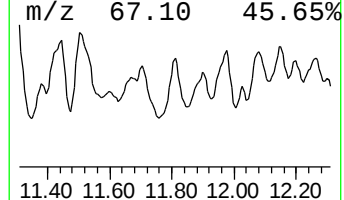
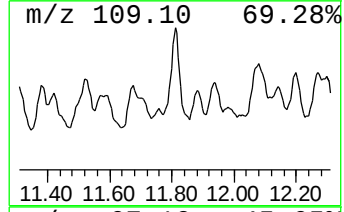
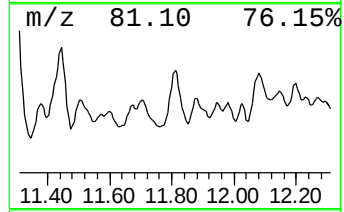
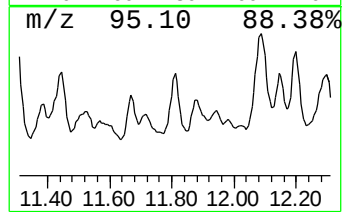
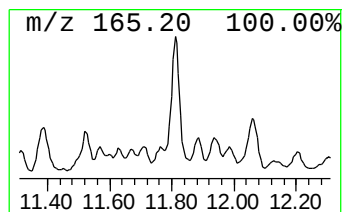
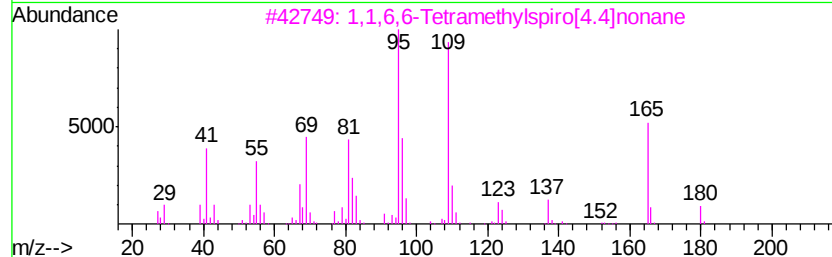
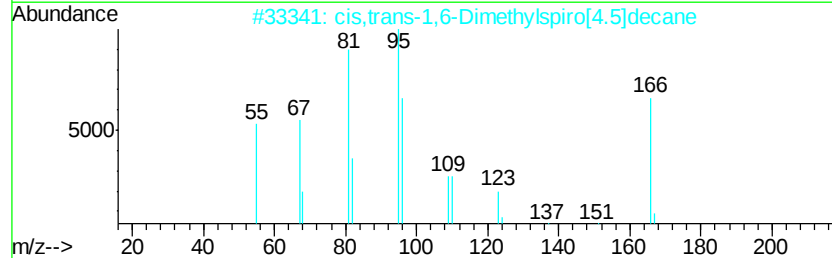
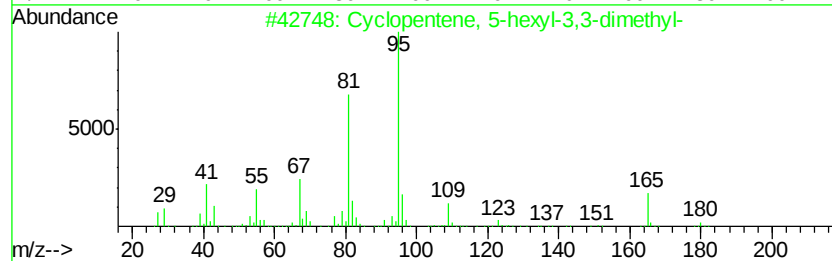
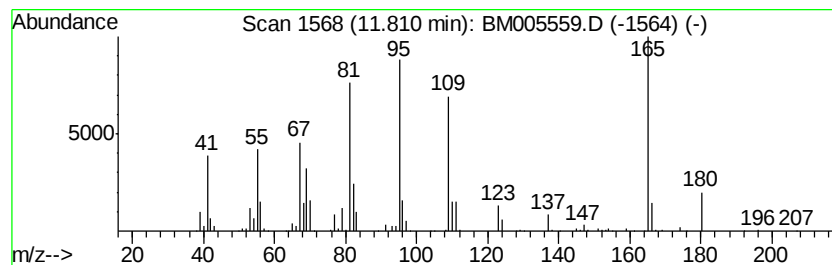
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Branched11.81 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	6.04 ng/ul	976841	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	87
2		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	78
3		1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	62
4		cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	58
5		cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	55



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
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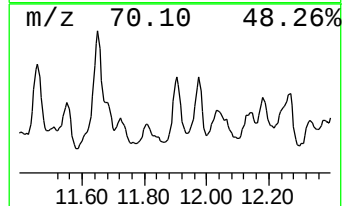
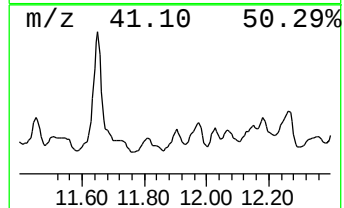
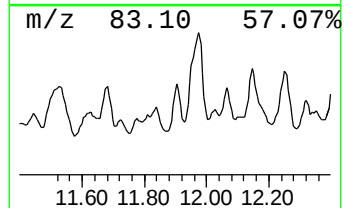
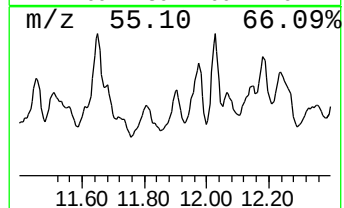
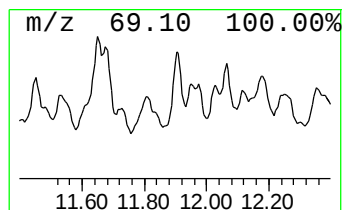
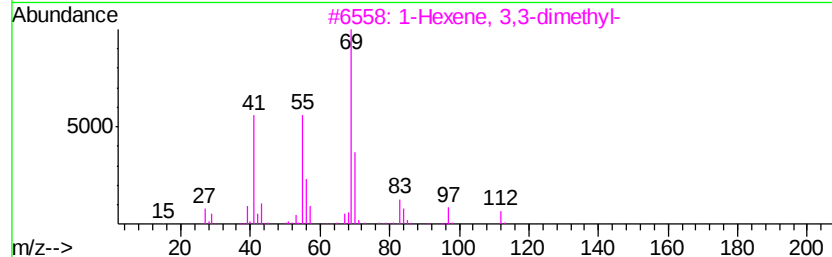
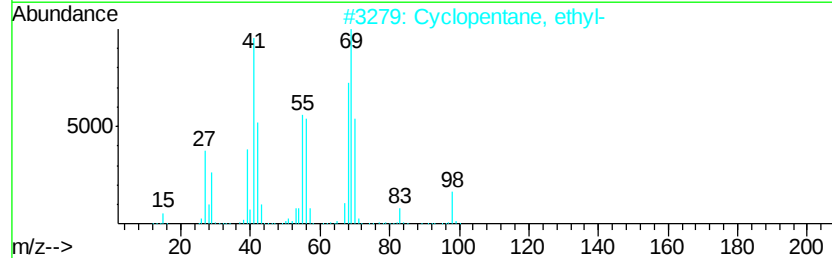
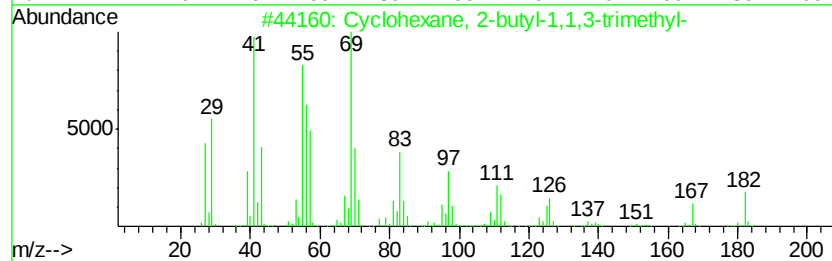
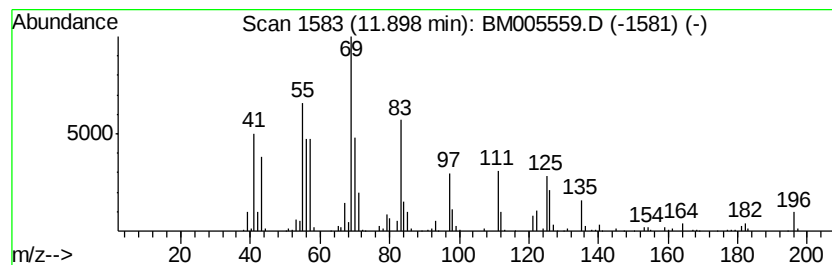
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Cyclic11.90 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.23 ng/ul	684923	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	74
2		Cyclopentane, ethyl-	98	C7H14	001640-89-7	46
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
4		7-Tetradecene	196	C14H28	010374-74-0	43
5		2-Nonene, (E)-	126	C9H18	006434-78-2	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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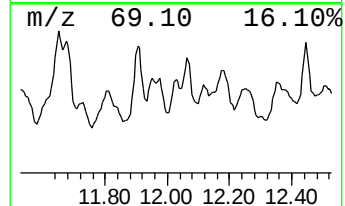
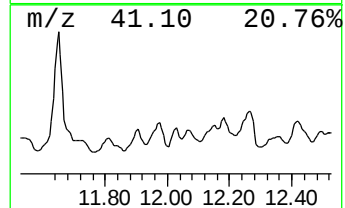
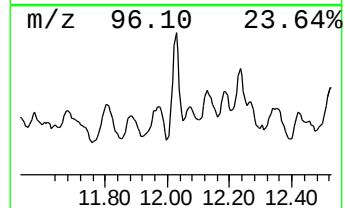
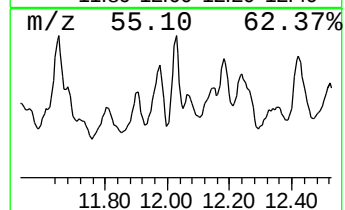
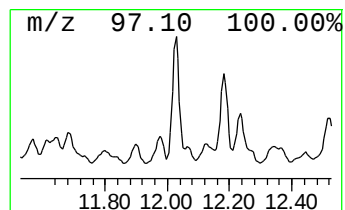
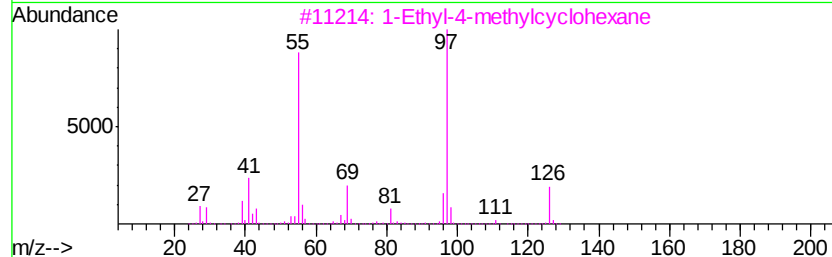
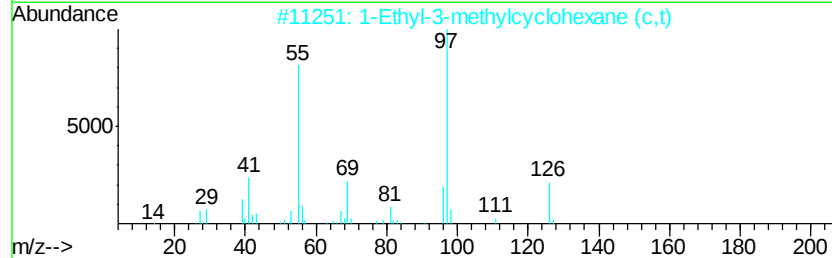
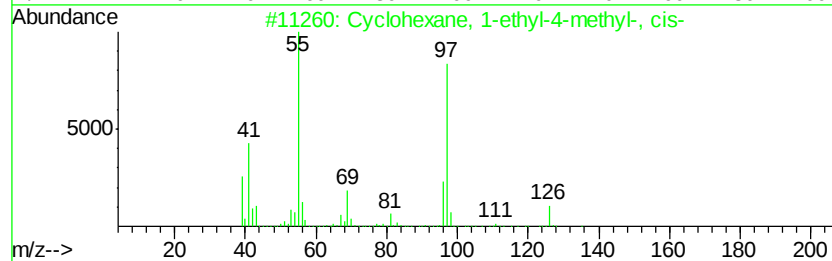
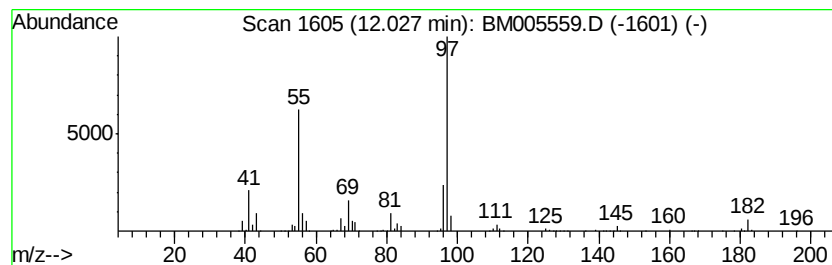
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Cyclic12.03 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.66 ng/ul	916208	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
5		2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	59



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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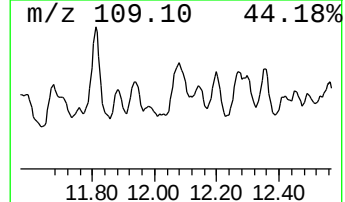
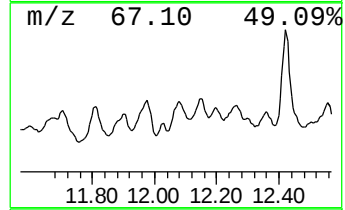
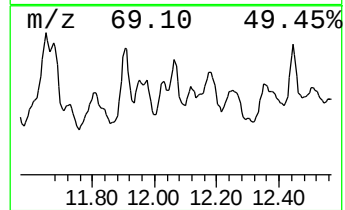
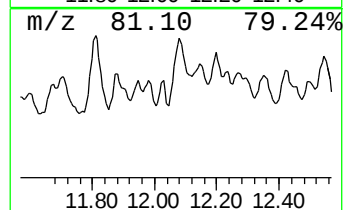
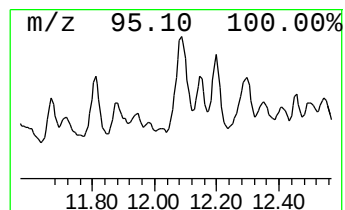
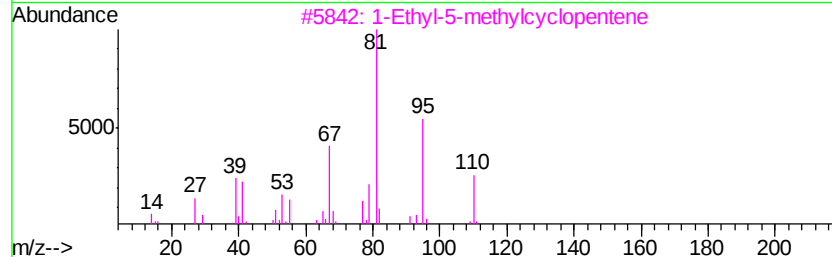
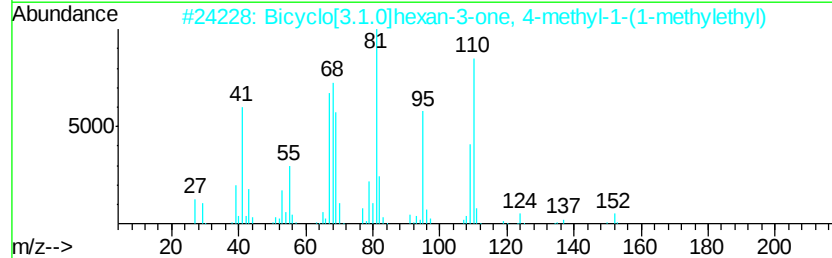
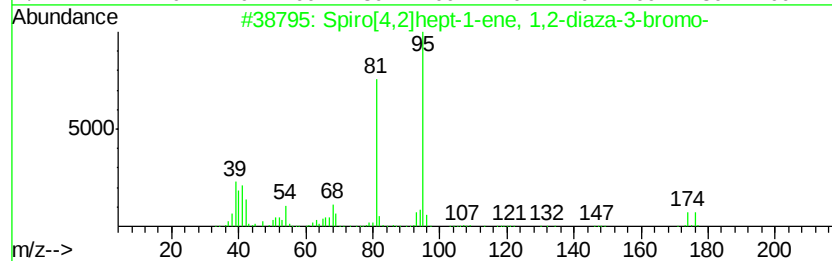
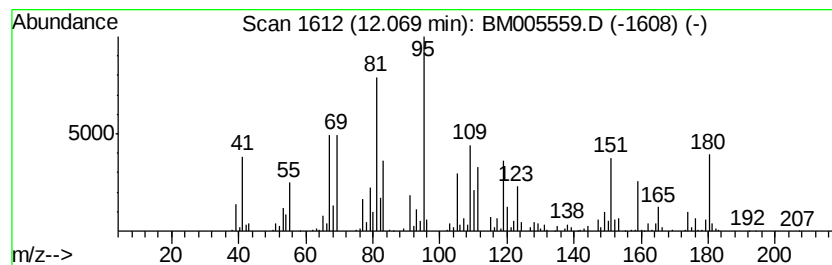
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 unknown-04 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	7.02 ng/ul	1135510	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spino[4,2]hept-1-ene, 1,2-diaza-...	174	C5H7BrN2	211738-70-4	38
2		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	30
3		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	30
4		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	22
5		Cyclohexane, ethylidene-	110	C8H14	001003-64-1	20



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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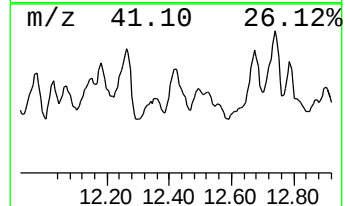
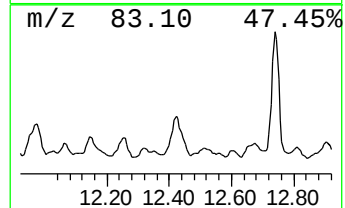
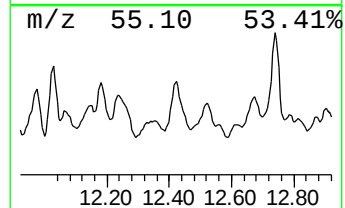
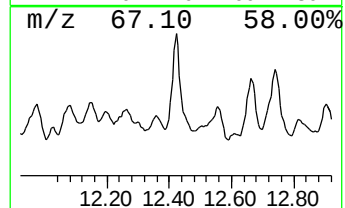
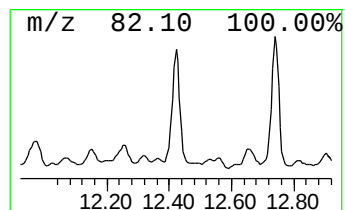
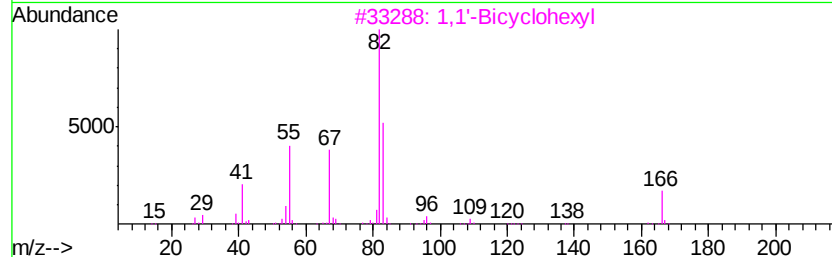
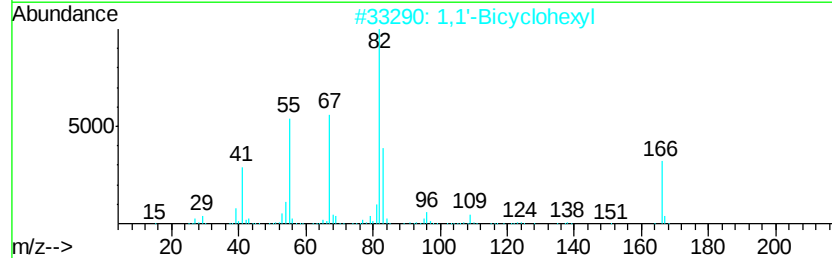
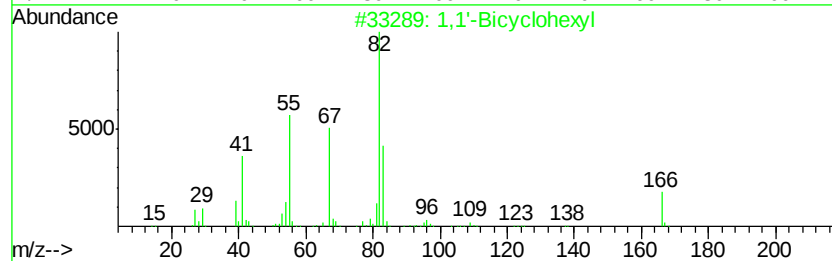
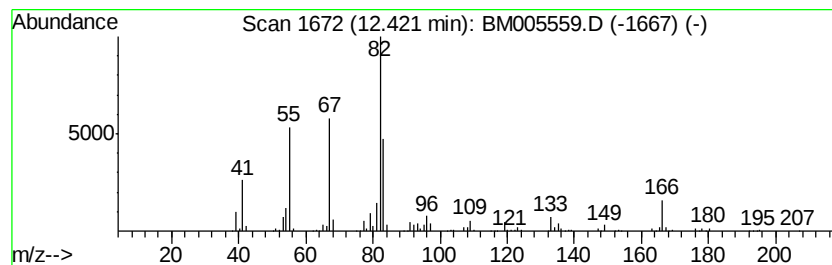
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Branched12.42 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	10.96 ng/ul	1773010	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	93
2		1,1'-Bicyclohexyl	166	C12H22	000092-51-3	90
3		1,1'-Bicyclohexyl	166	C12H22	000092-51-3	83
4		1,1'-Bicyclohexyl	166	C12H22	000092-51-3	64
5		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	47



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

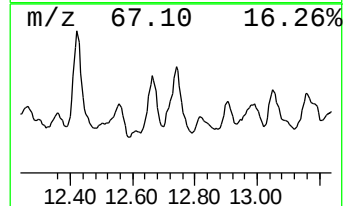
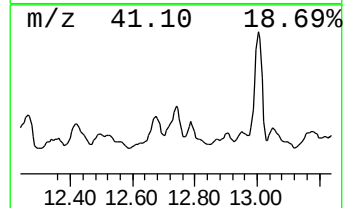
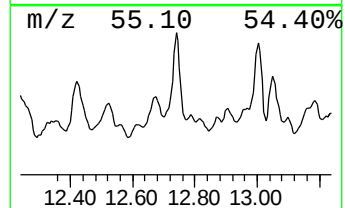
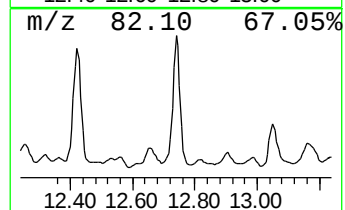
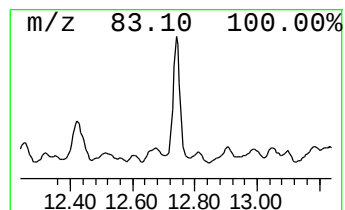
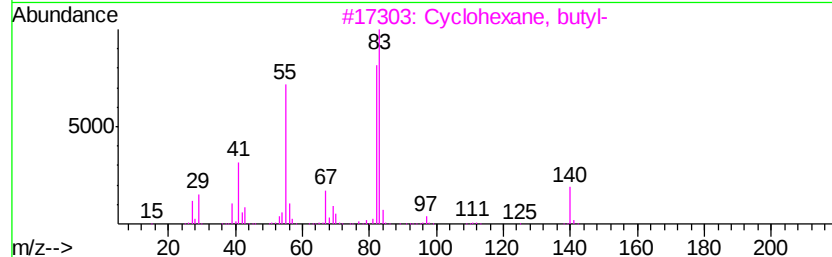
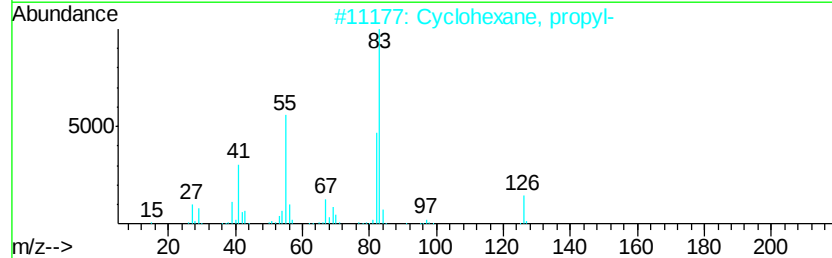
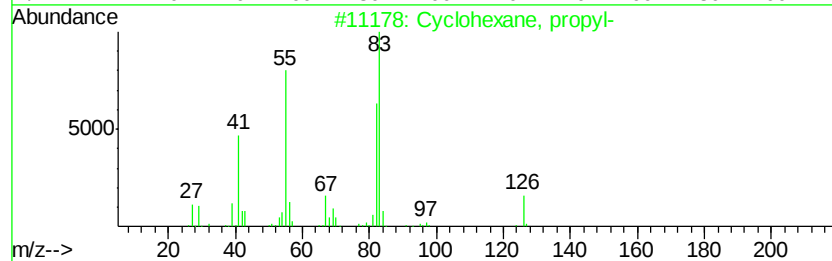
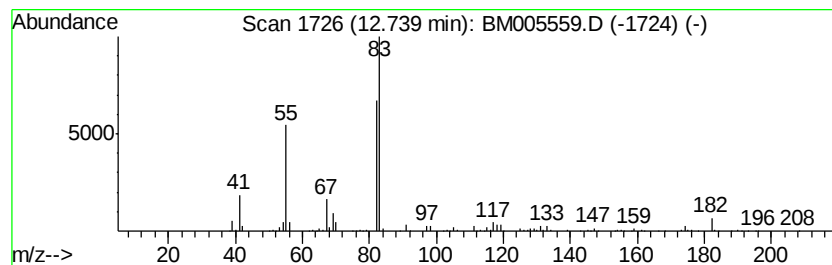
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Cyclic12.74 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	14.69 ng/ul	1364970	Acenaphthene-d10	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cyclohexane, propyl-	126 C9H18	001678-92-8	72
2	Cyclohexane, propyl-	126 C9H18	001678-92-8	72
3	Cyclohexane, butyl-	140 C10H20	001678-93-9	56
4	Cyclohexane, 1,1'-(1,4-butanedi...	222 C16H30	006165-44-2	56
5	Cyclohexane, pentyl-	154 C11H22	004292-92-6	56



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

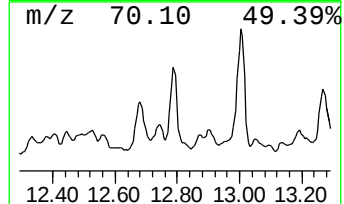
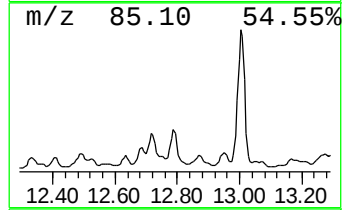
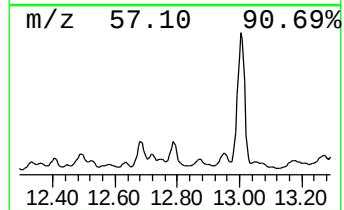
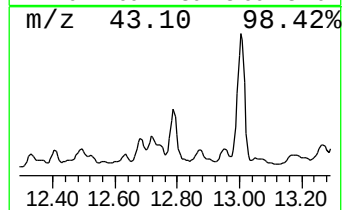
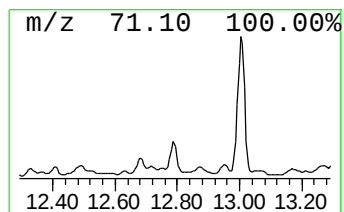
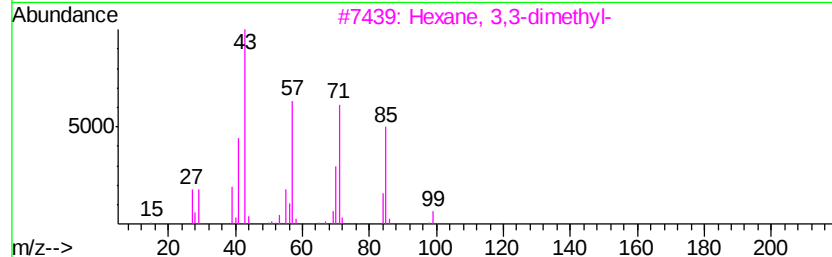
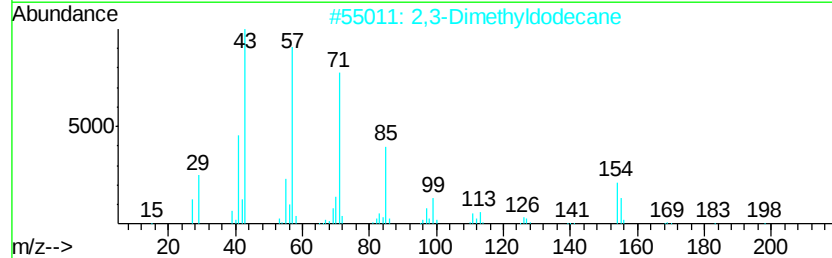
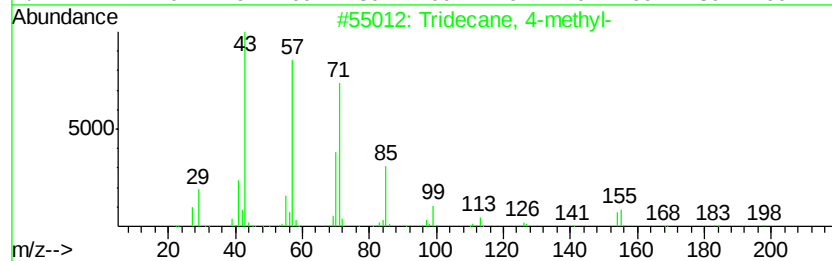
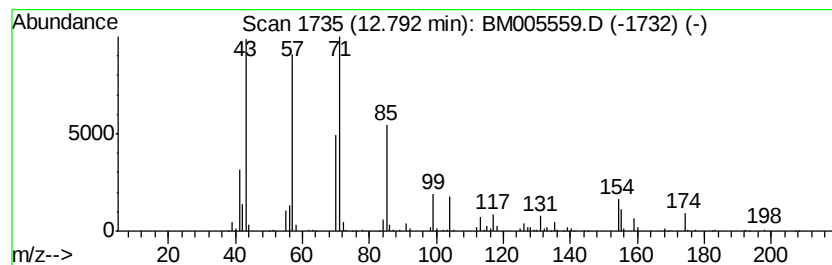
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.79 ng/ul	445408	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	94
2			2,3-Dimethyldodecane	198	C14H30	006117-98-2	64
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	52



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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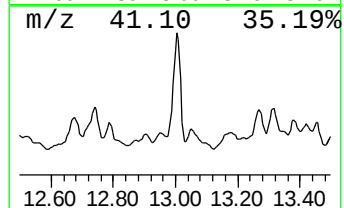
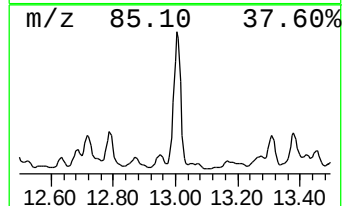
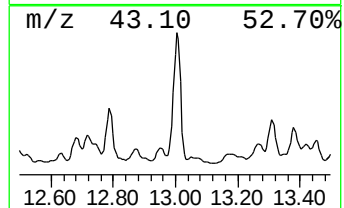
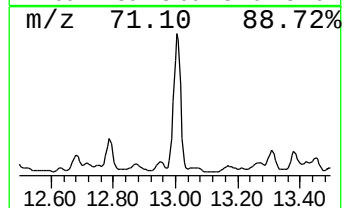
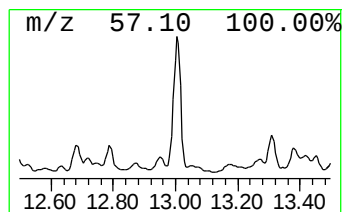
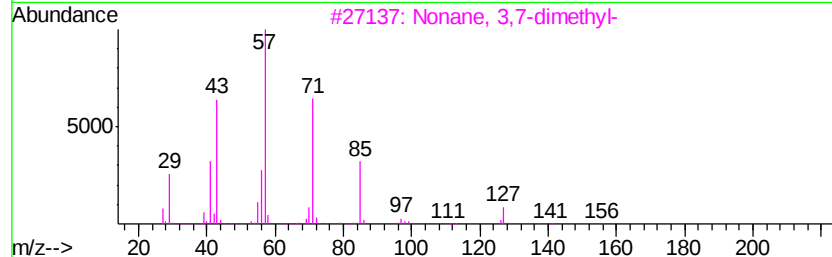
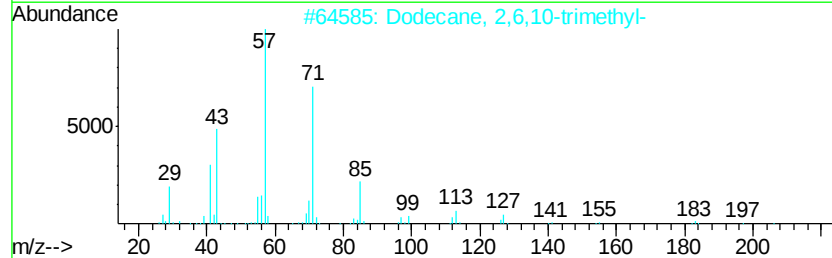
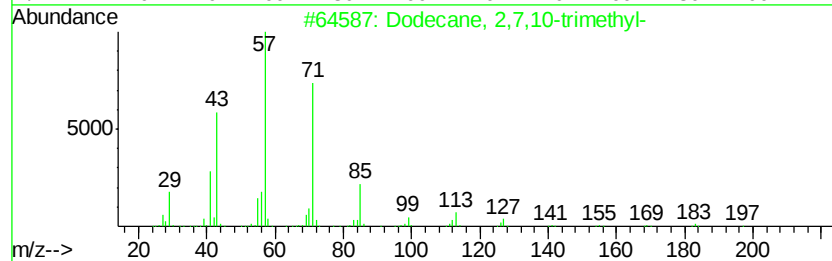
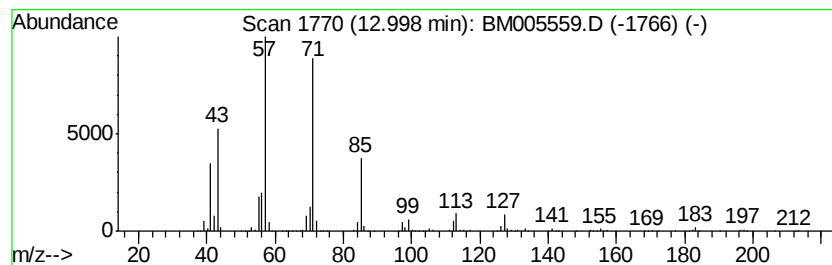
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	56.46 ng/ul	5246990	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
4			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampled :
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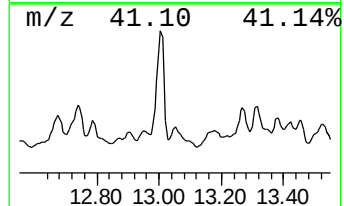
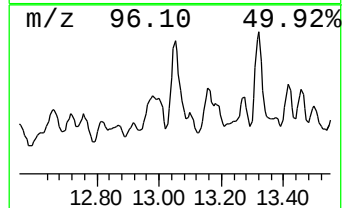
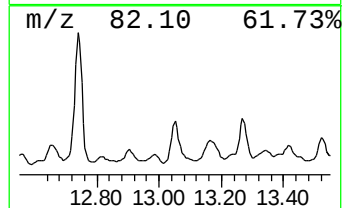
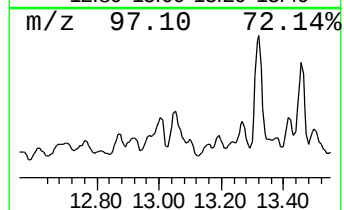
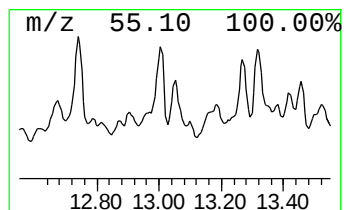
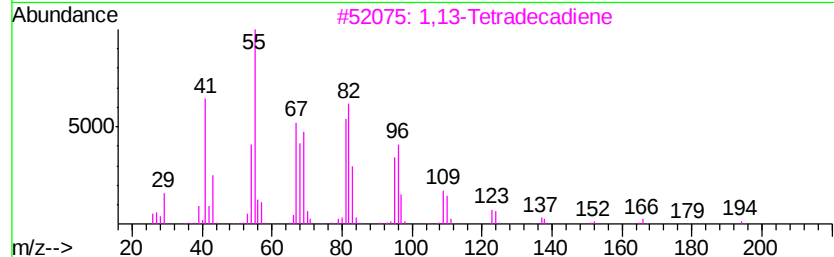
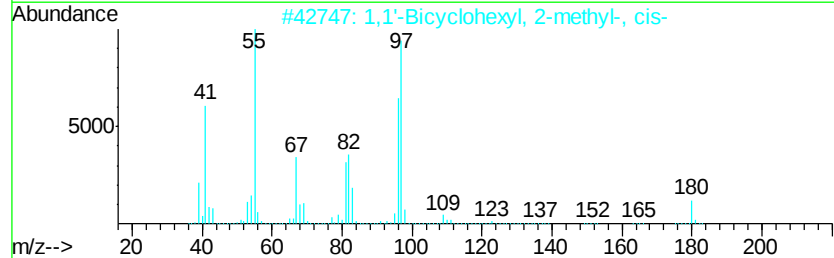
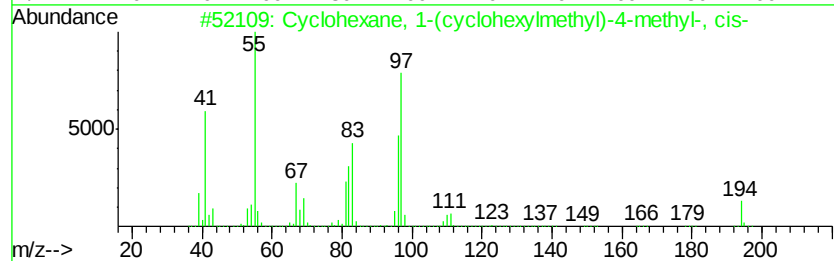
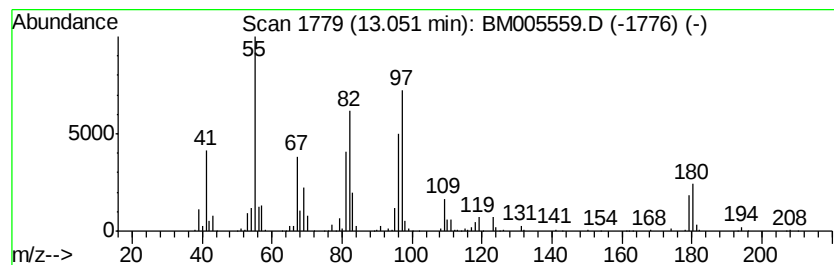
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Branched13.05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	9.88 ng/ul	918396	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-97-1	53
2			1,1'-Bicyclohexyl, 2-methyl-, cis-	180	C13H24	050991-08-7	53
3			1,13-Tetradecadiene	194	C14H26	021964-49-8	47
4			1,1'-Bicyclohexyl, 2-methyl-, tr...	180	C13H24	050991-09-8	43
5			1-(2-Methylpropenyl)aziridine	97	C6H11N	080839-93-6	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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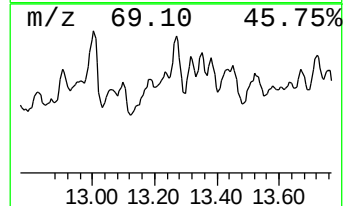
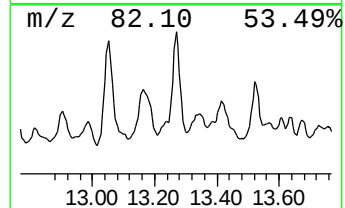
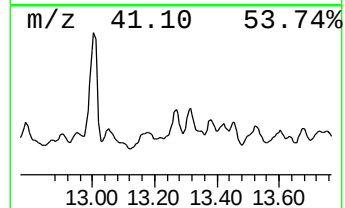
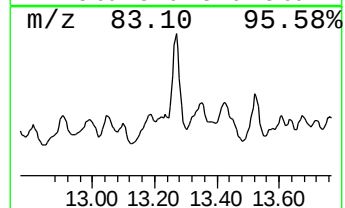
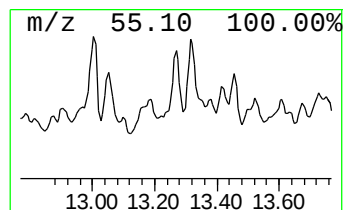
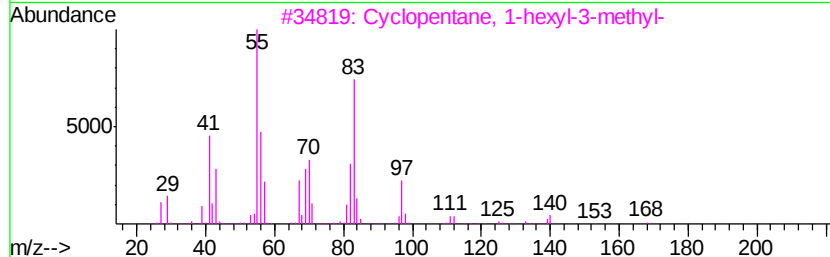
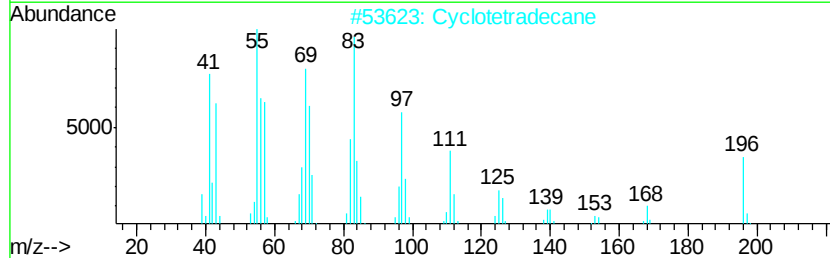
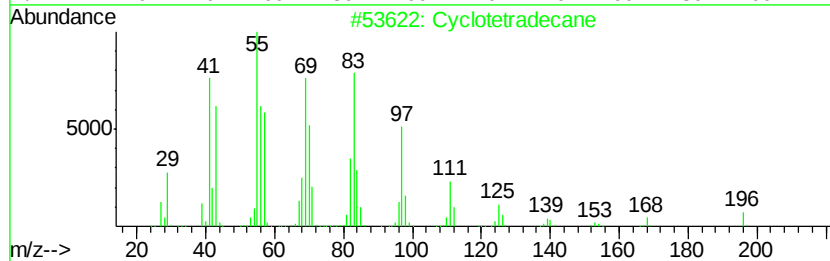
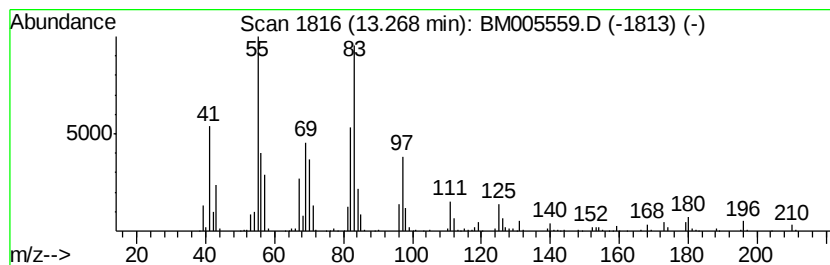
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Quant Title : SVOA CALIBRATION

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

Peak Number 59 (DEL) Alkane: Cyclic13.27 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	10.94 ng/ul	1017080	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	94
2			Cyclotetradecane	196	C14H28	000295-17-0	93
3			Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	93
4			2-Tetradecene, (E)-	196	C14H28	035953-53-8	87
5			Cyclotetradecane	196	C14H28	000295-17-0	83



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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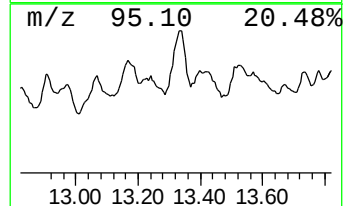
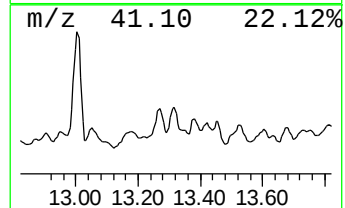
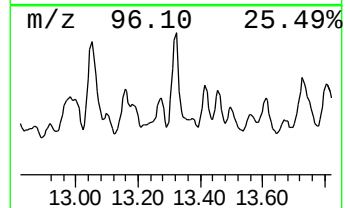
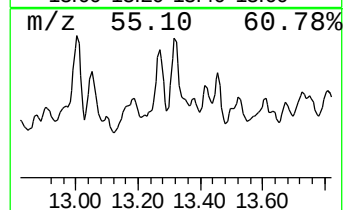
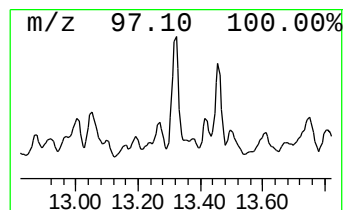
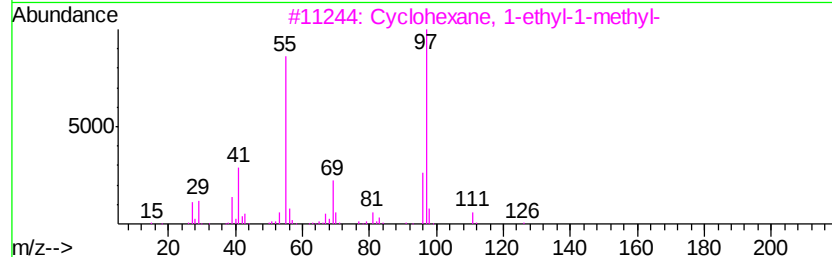
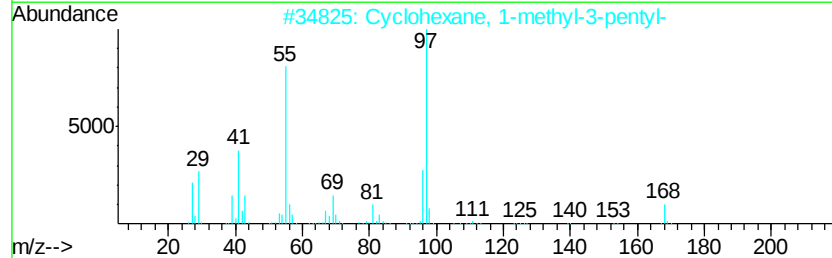
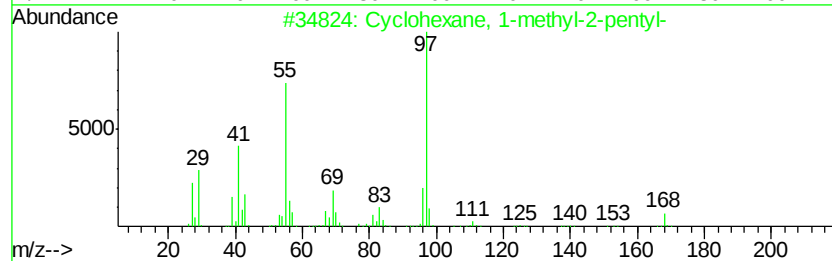
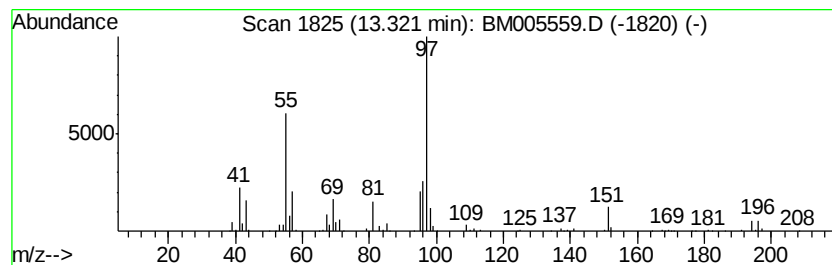
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Quant Title : SVOA CALIBRATION

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

Peak Number 60 (DEL) Alkane: Cyclic13.32 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	13.87 ng/ul	1289420	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
2		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	47
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	47
5		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	47



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

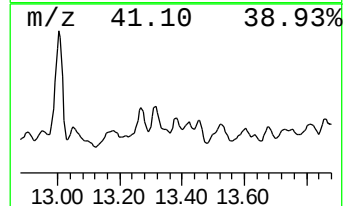
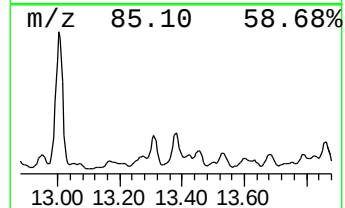
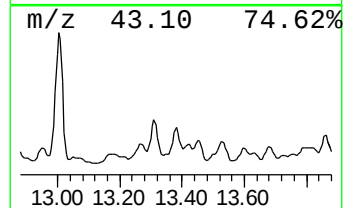
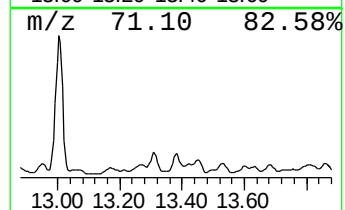
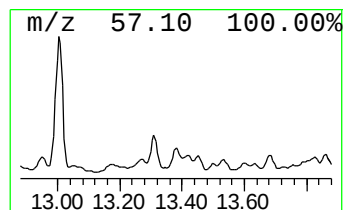
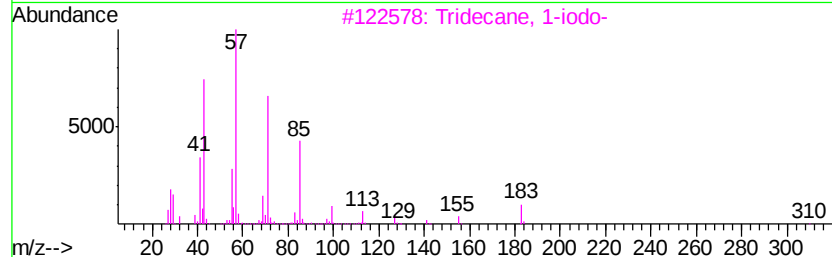
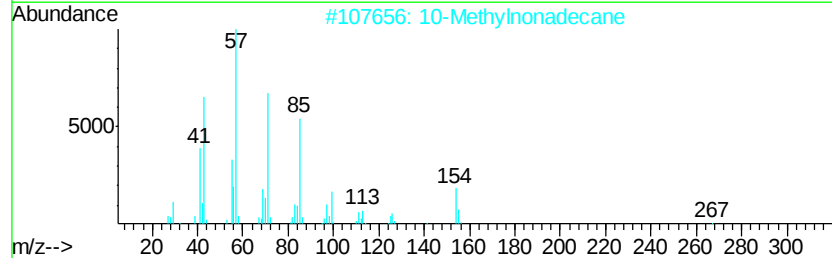
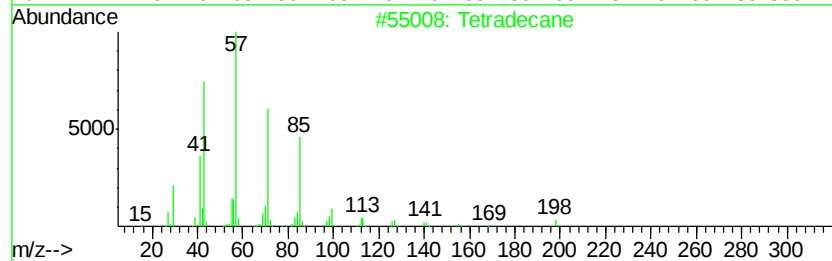
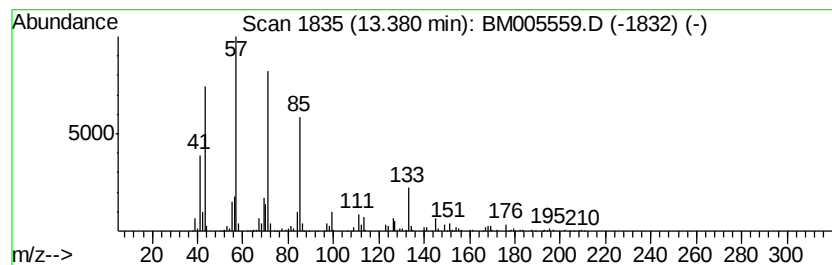
Instrument :
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ClientSampleId :
JHGJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.38	6.85 ng/ul	636612	Acenaphthene-d10		14.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	72
2	10-Methylnonadecane	282	C20H42	056862-62-5	64
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Tetradecane	198	C14H30	000629-59-4	59
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

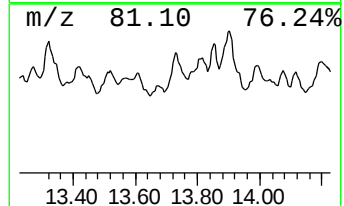
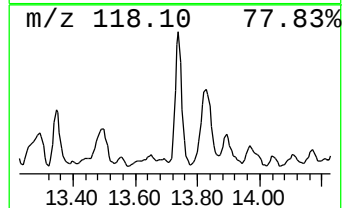
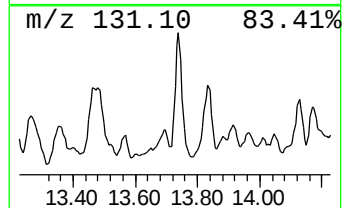
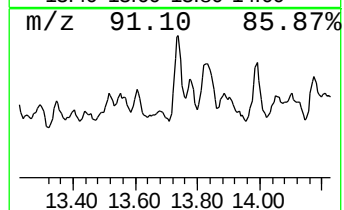
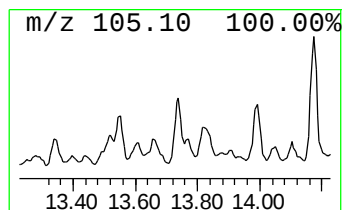
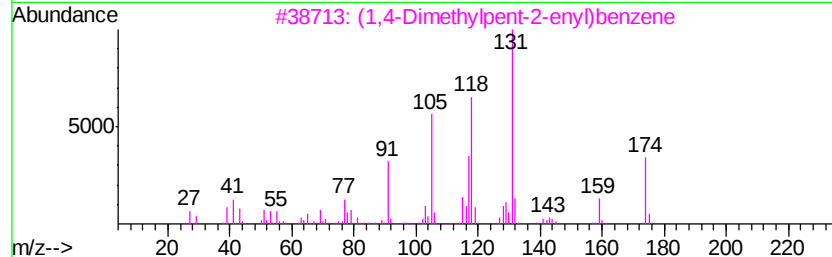
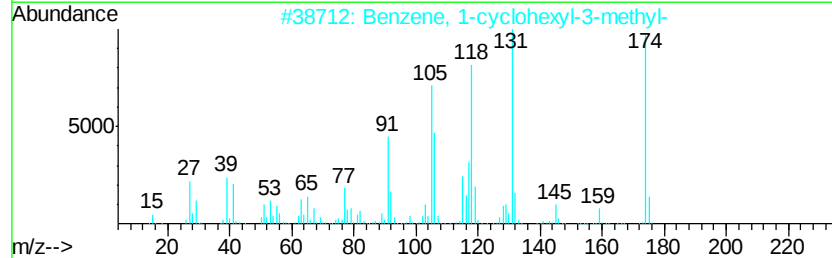
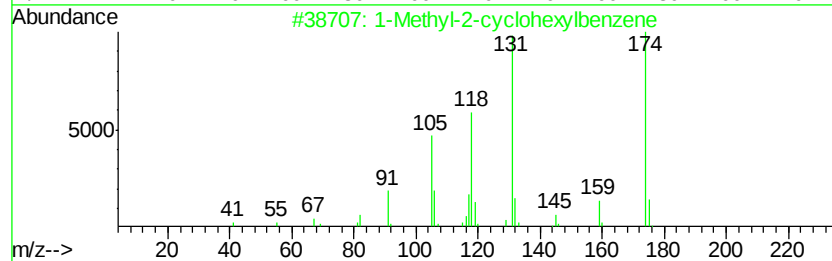
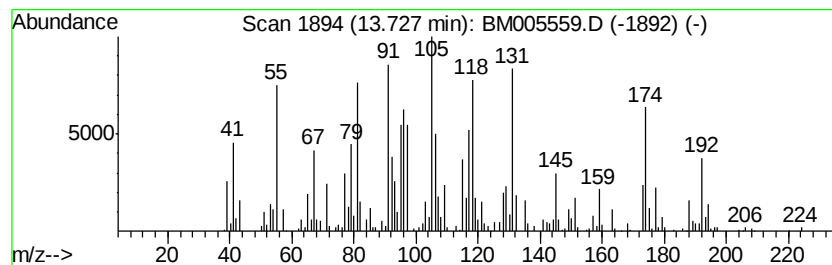
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 63 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	11.61 ng/ul	1078930	Acenaphthene-d10	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyl-2-cyclohexylbenzene	174 C13H18	004501-35-3 49
2		Benzene, 1-cyclohexyl-3-methyl-	174 C13H18	004575-46-6 49
3		(1,4-Dimethylpent-2-enyl)benzene	174 C13H18	1000184-97-9 44
4		Adamantane, cyclopropylidene-	174 C13H18	099298-53-0 35
5		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 35



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

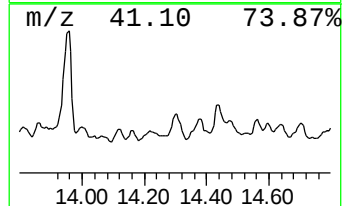
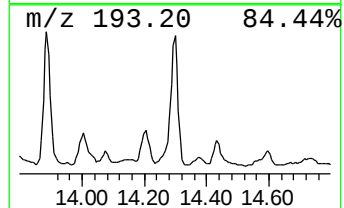
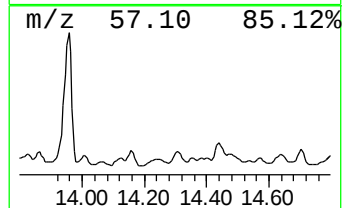
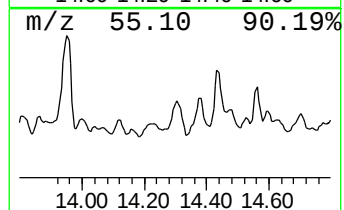
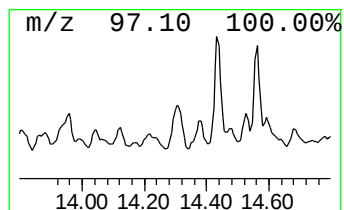
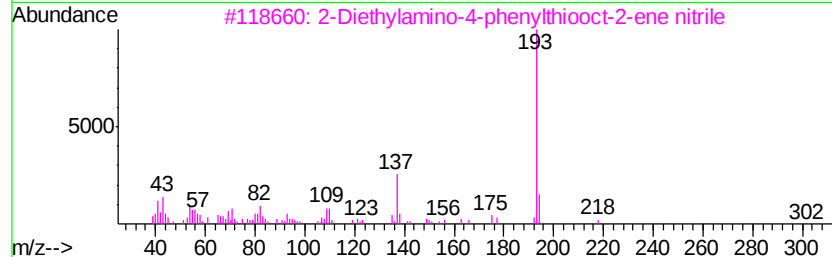
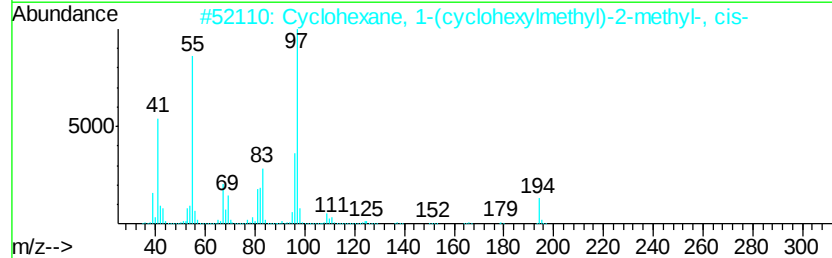
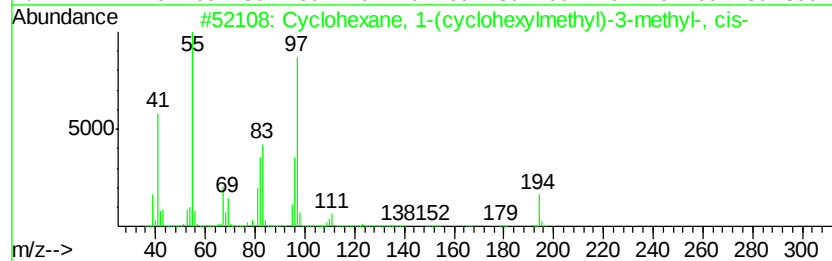
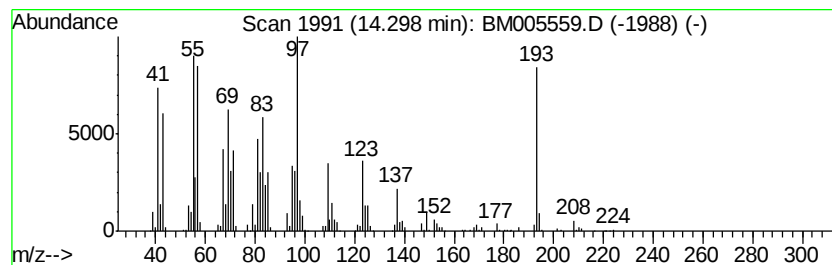
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 64 (DEL) Alkane: Branched14.30 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	20.90 ng/ul	1942150	Acenaphthene-d10	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-(cyclohexylmethyl)...	194 C14H26	054823-96-0 27
2		Cyclohexane, 1-(cyclohexylmethyl)...	194 C14H26	054824-04-3 25
3		2-Diethylamino-4-phenylthiooct-2...	302 C18H26N2S	1000090-57-0 22
4		Triallylmethylsilane	166 C10H18Si	001112-91-0 22
5		Cyclohexane, 1,3-dimethyl-, cis-	112 C8H16	000638-04-0 18



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

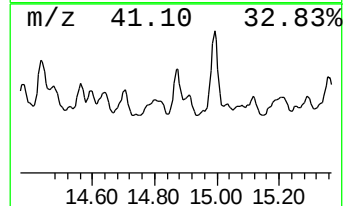
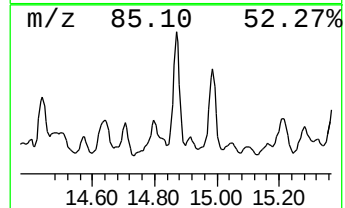
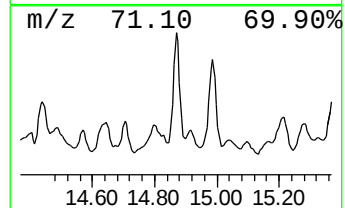
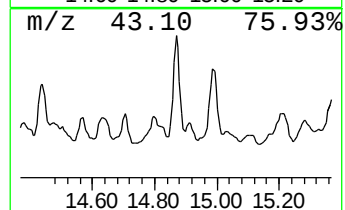
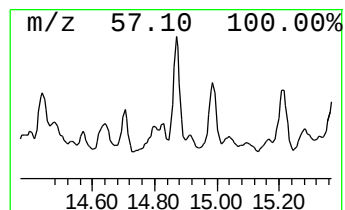
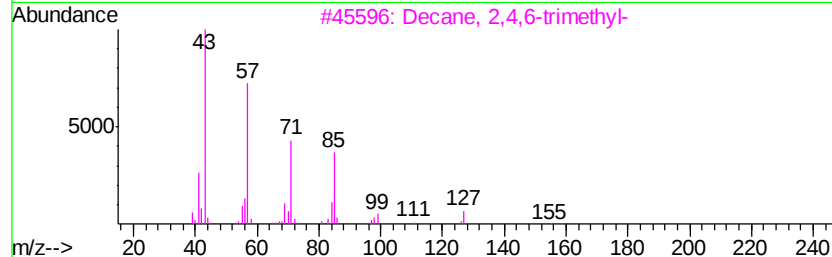
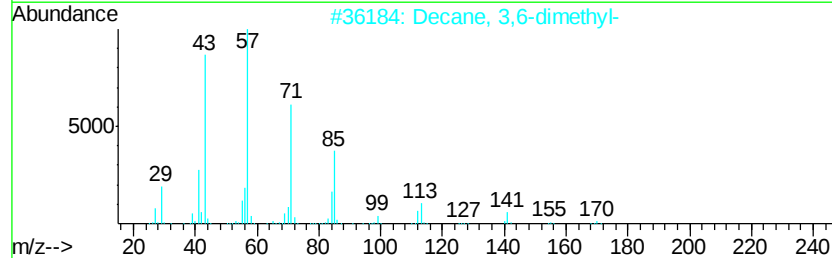
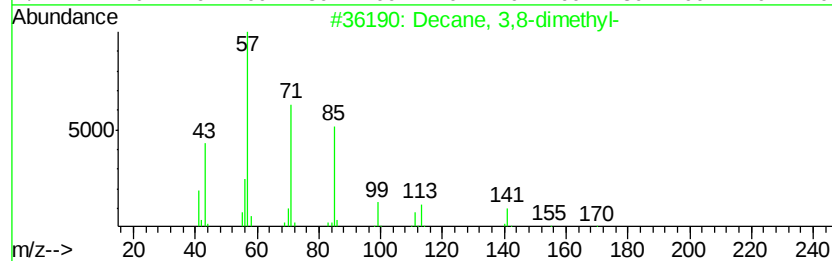
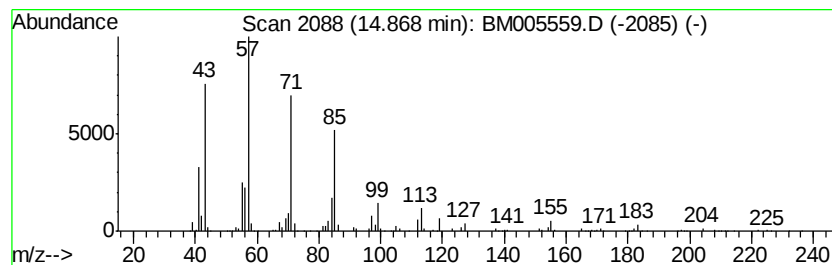
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Quant Title : SVOA CALIBRATION

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	13.28 ng/ul	1233770	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
3			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72
4			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	72
5			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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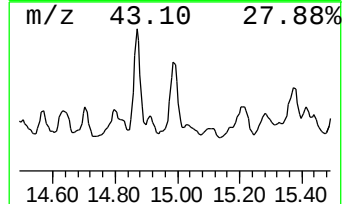
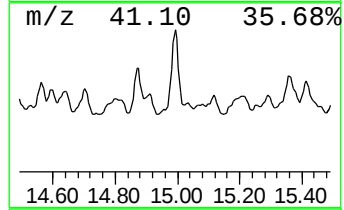
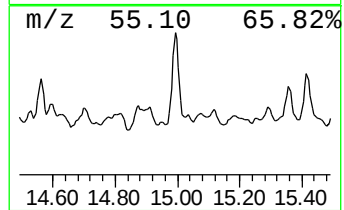
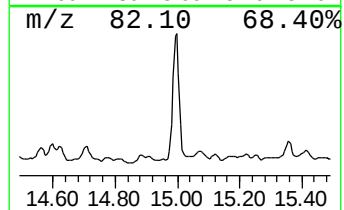
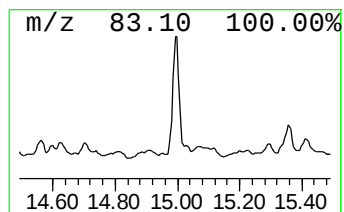
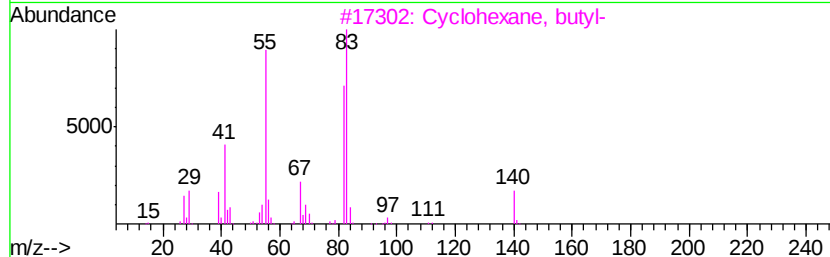
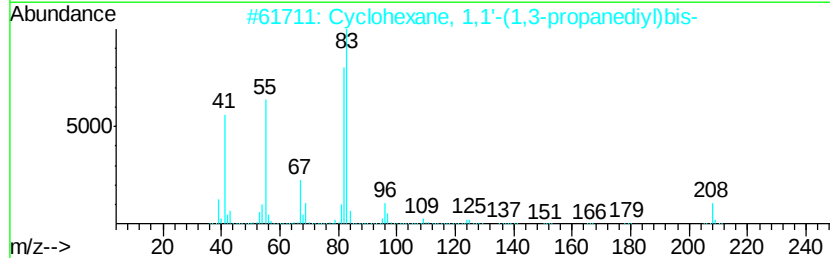
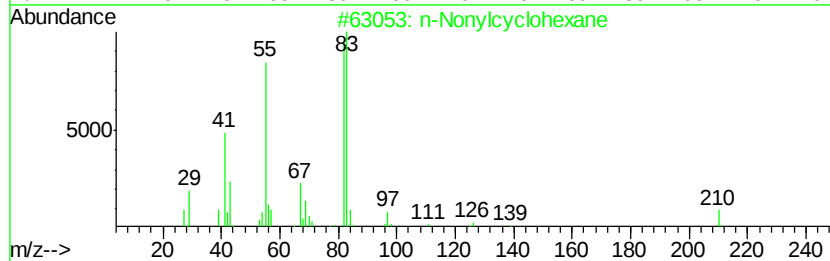
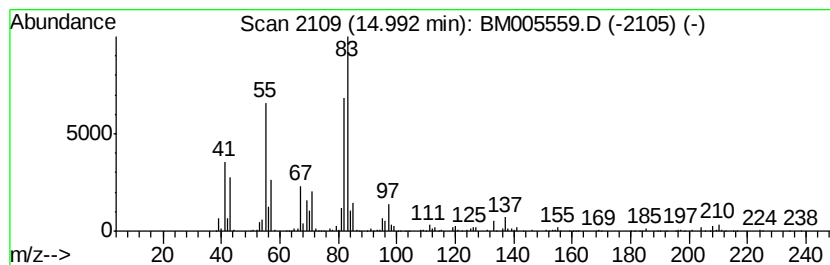
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Quant Title : SVOA CALIBRATION

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

Peak Number 66 (DEL) Alkane: Cyclic14.99 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	30.70 ng/ul	2853100	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonylcyclohexane	210	C15H30	002883-02-5	81
2		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	76
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5		Heptylcyclohexane	182	C13H26	005617-41-4	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

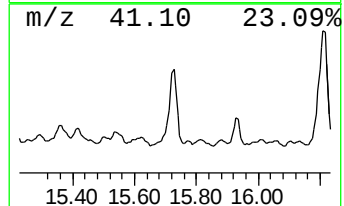
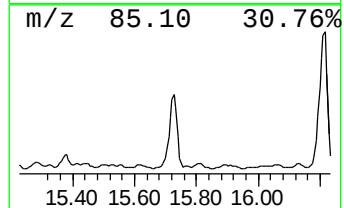
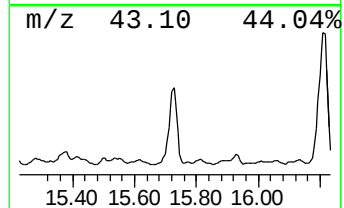
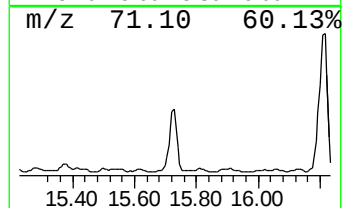
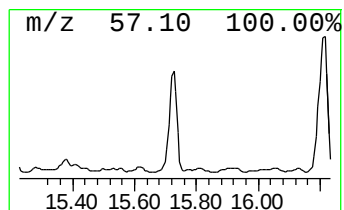
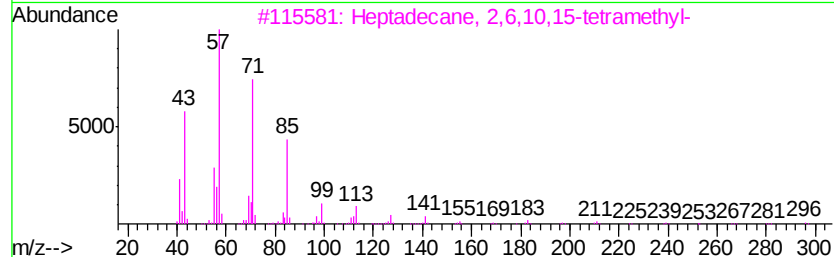
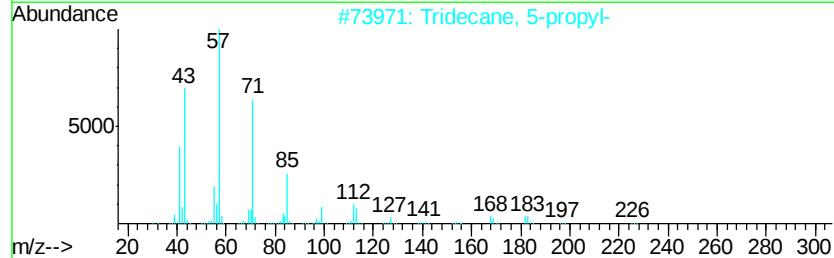
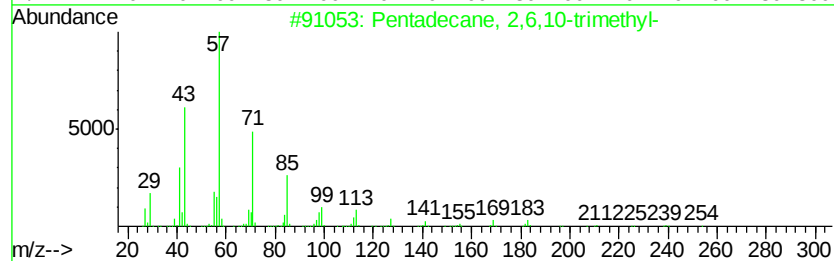
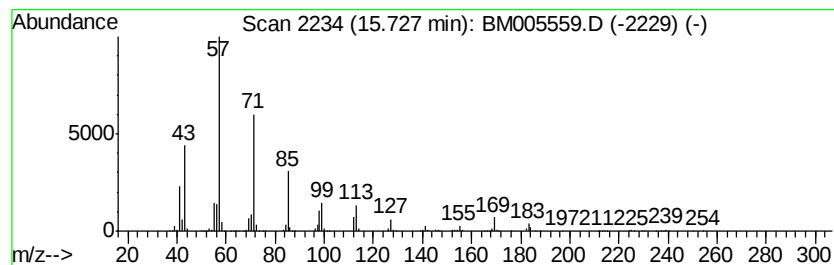
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Quant Title : SVOA CALIBRATION

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	65.87 ng/ul	6122290	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4		Heptacosane	380	C27H56	000593-49-7	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
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Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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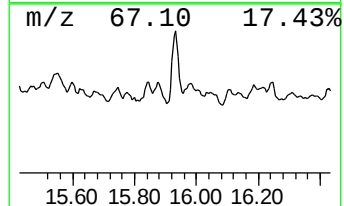
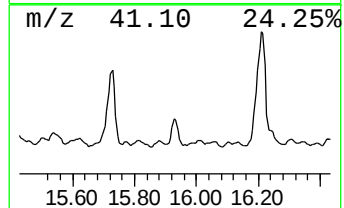
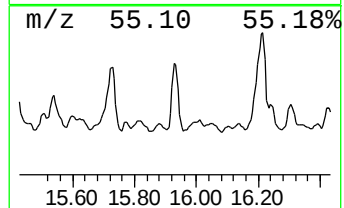
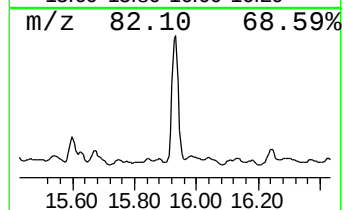
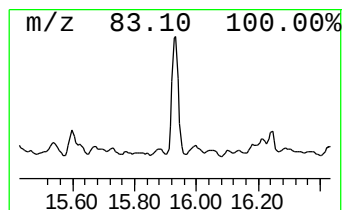
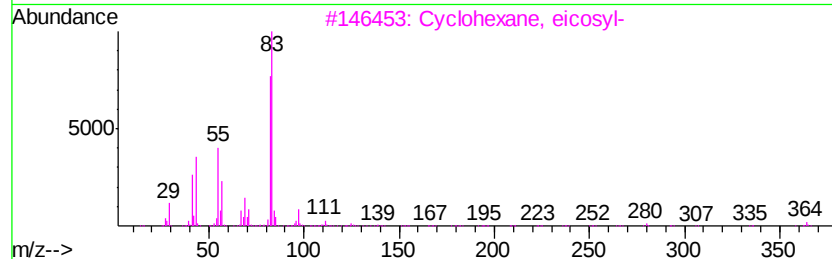
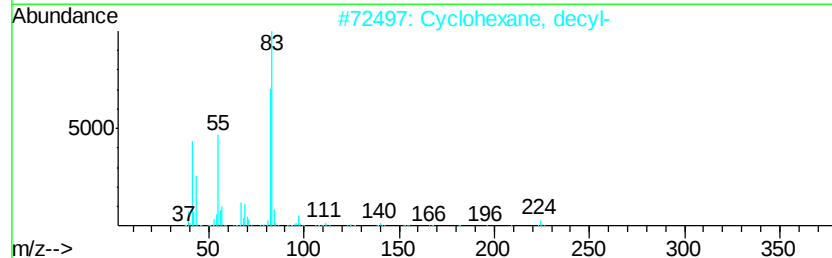
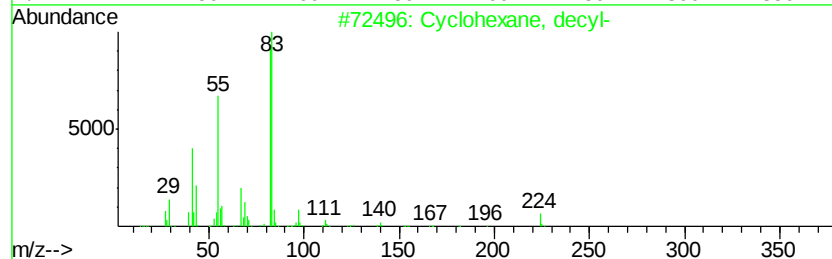
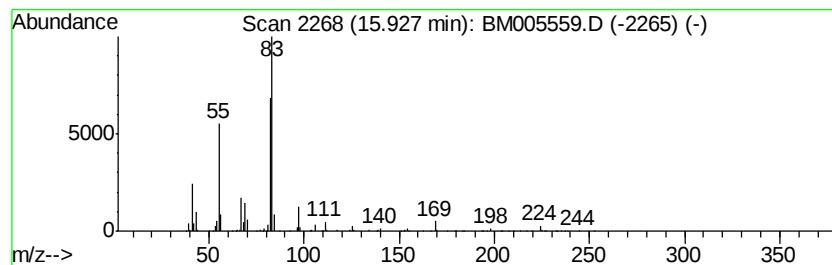
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Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Cyclic15.93 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	28.92 ng/ul	1482700	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, decyl-	224	C16H32	001795-16-0	91
2		Cyclohexane, decyl-	224	C16H32	001795-16-0	90
3		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	86
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	86
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	86



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

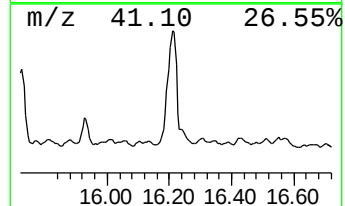
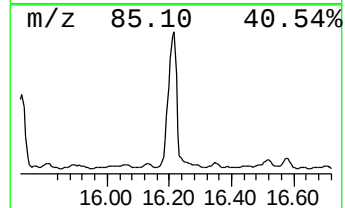
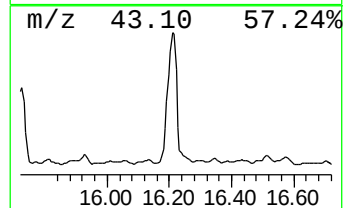
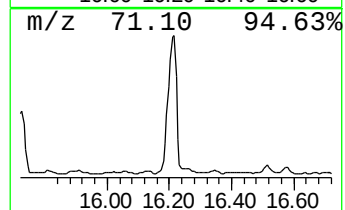
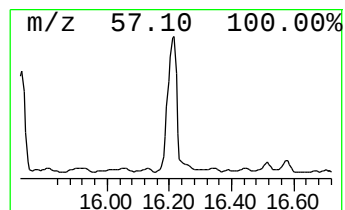
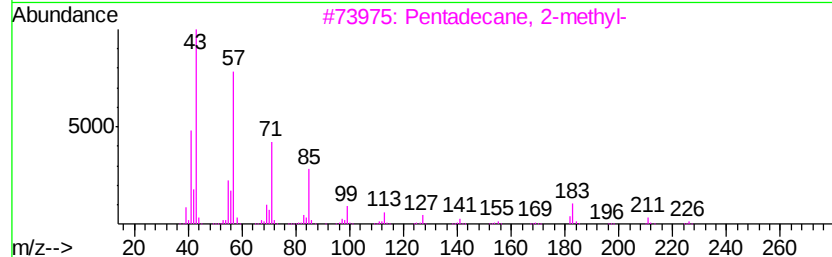
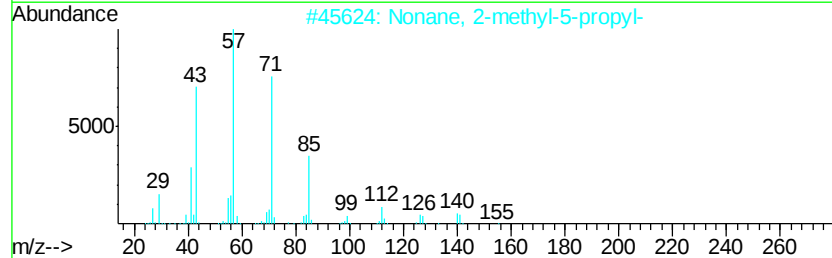
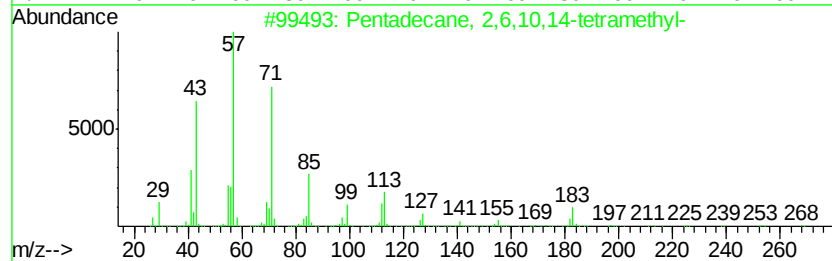
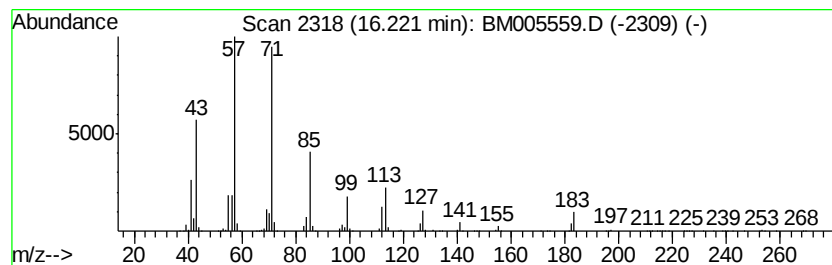
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Quant Title : SVOA CALIBRATION

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

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	231.50 ng/ul	11866700	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
2		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
3		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	53
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	49



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

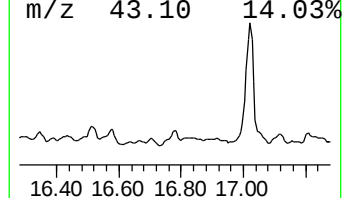
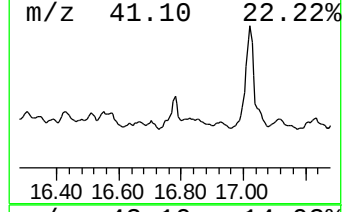
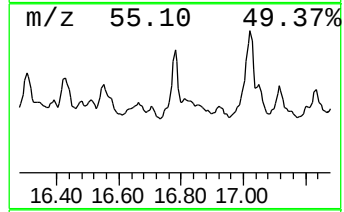
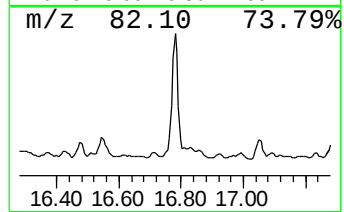
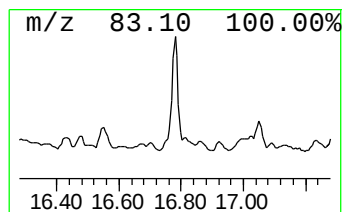
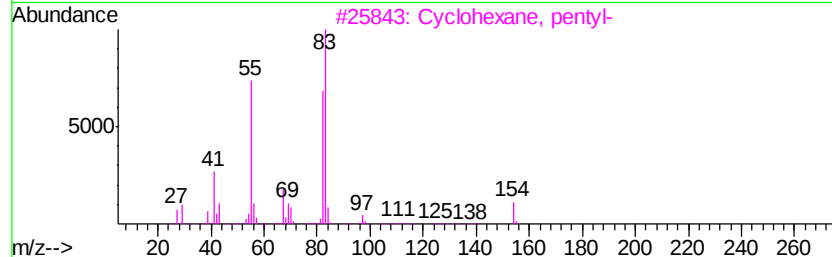
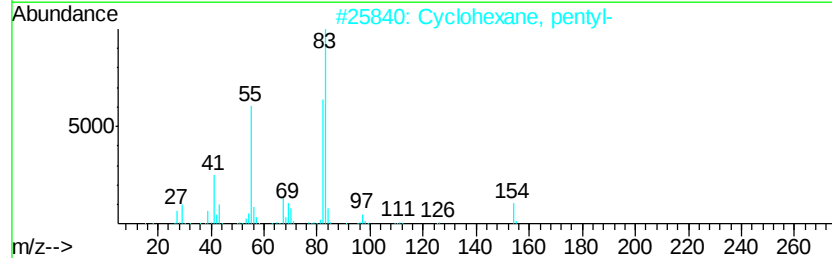
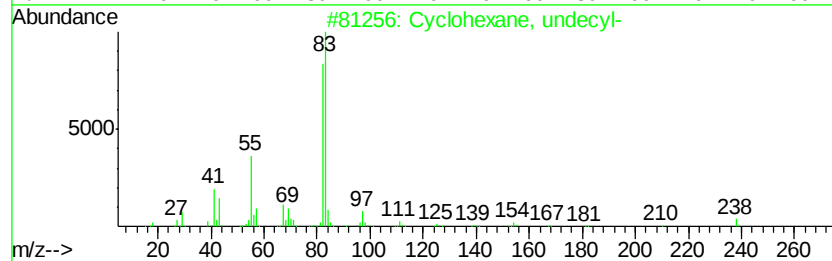
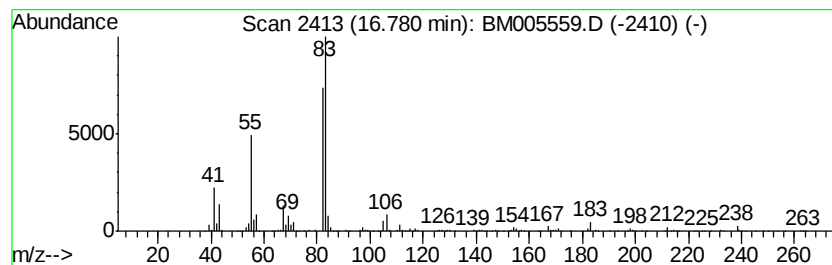
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Quant Title : SVOA CALIBRATION

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

Peak Number 70 (DEL) Alkane: Cyclic16.78 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	15.47 ng/ul	792803	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	87
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
4		Glycine, N-(3-methyl-1-oxo-2-but...	171	C8H13NO3	056009-34-8	72
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

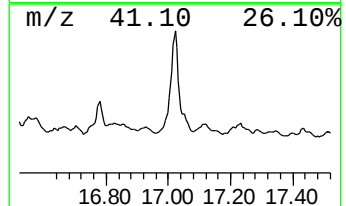
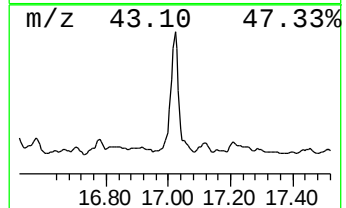
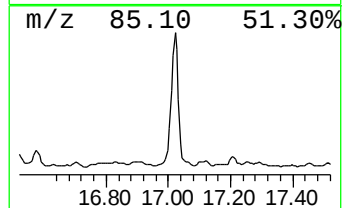
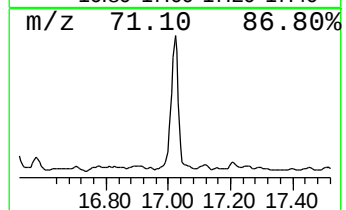
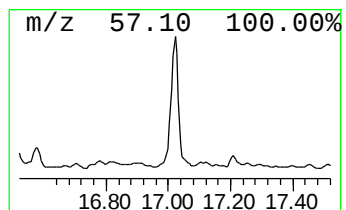
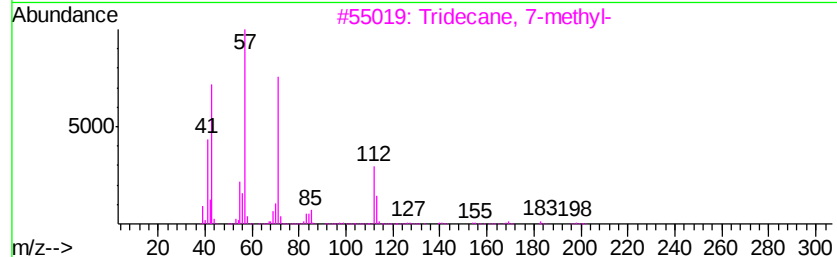
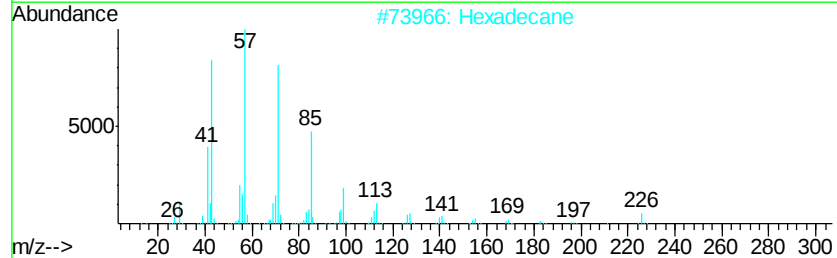
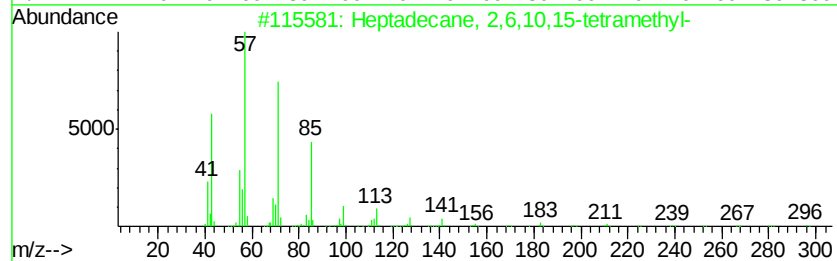
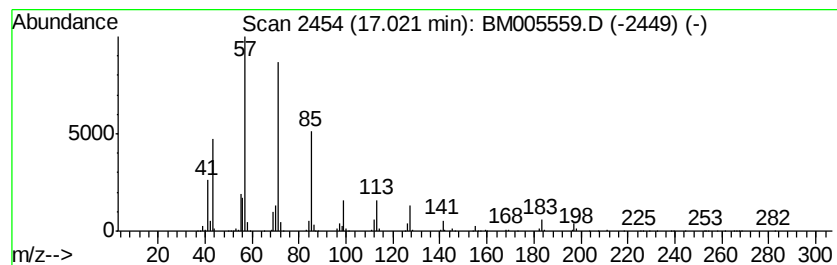
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	122.85 ng/ul	6297500	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

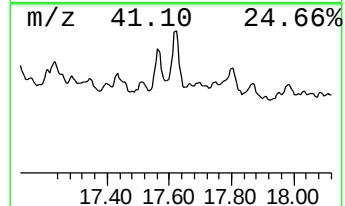
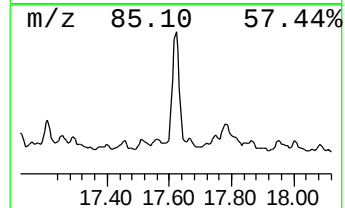
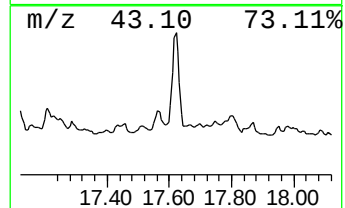
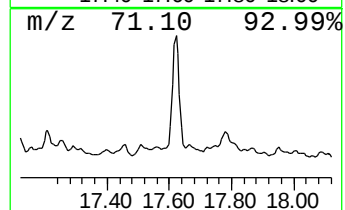
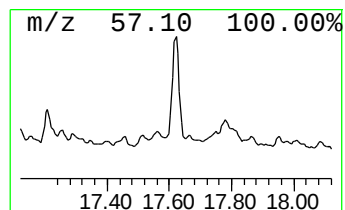
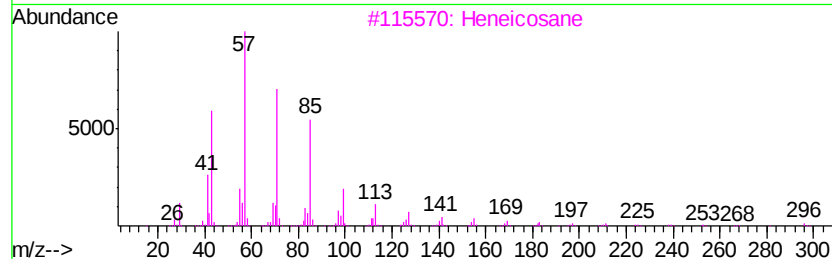
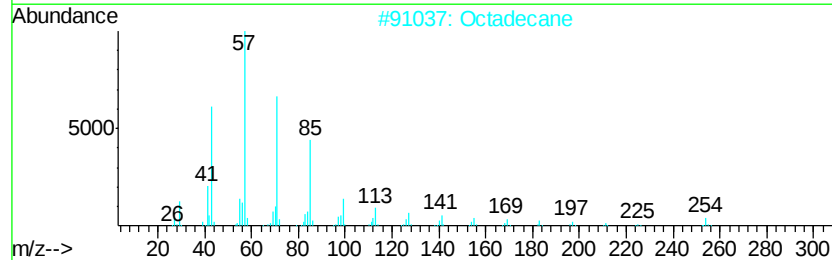
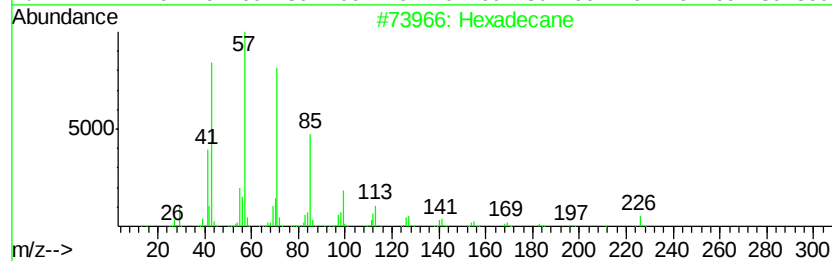
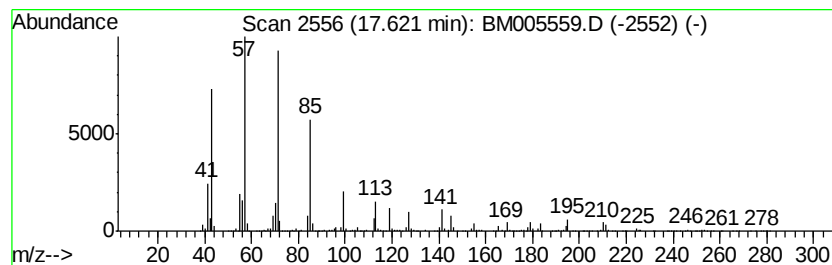
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Quant Title : SVOA CALIBRATION

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

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	31.86 ng/ul	1632970	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Octadecane	254	C18H38	000593-45-3	86
3			Heneicosane	296	C21H44	000629-94-7	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

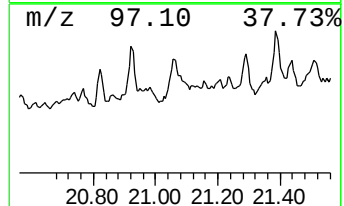
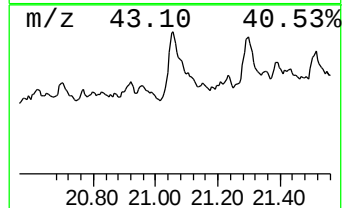
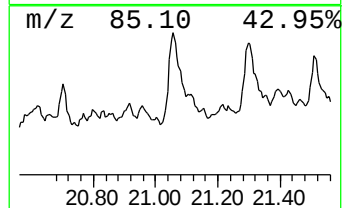
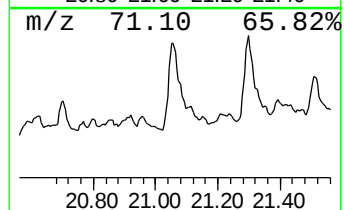
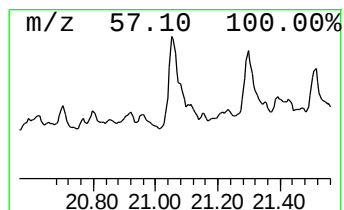
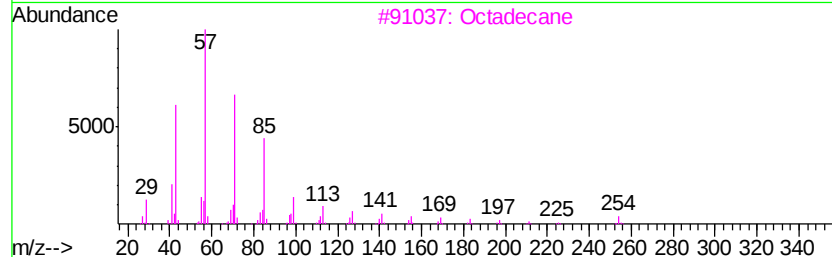
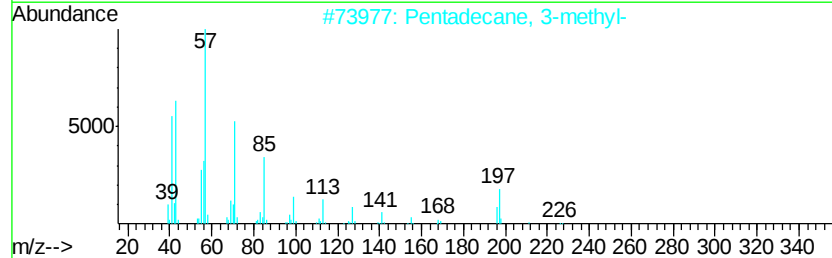
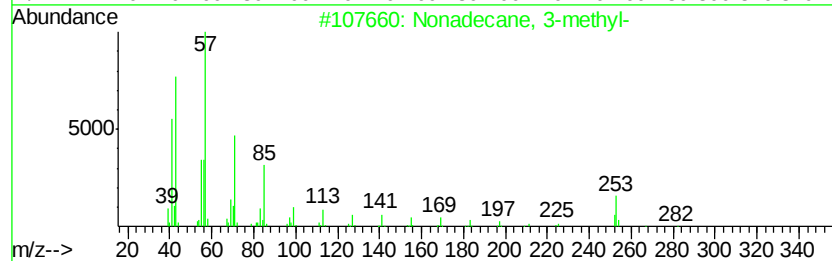
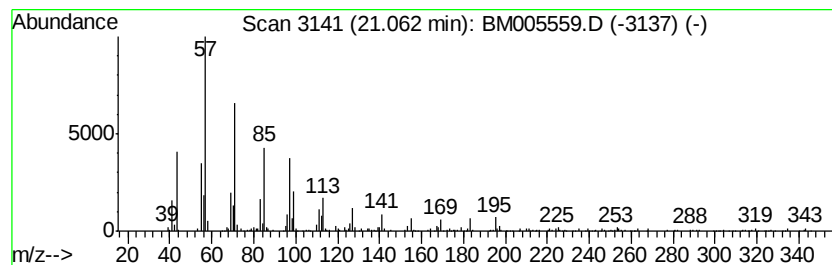
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	6.56 ng/ul	374831	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 3-methyl-	282	C20H42	006418-45-7	91
2			Pentadecane, 3-methyl-	226	C16H34	002882-96-4	87
3			Octadecane	254	C18H38	000593-45-3	83
4			triacontane	422	C30H62	000638-68-6	83
5			Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052116\
 Data File : BM005559.D
 Acq On : 21 May 2016 20:22
 Operator : UM/SJ
 Sample : H3086-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.10	3.9	ng/ul	924769	1	7.82	4790260	20.0
(DEL) Alkane: Str...	6.22	2.1	ng/ul	492781	1	7.82	4790260	20.0
(DEL) Alkane: Str...	6.32	2.1	ng/ul	493472	1	7.82	4790260	20.0
(DEL) Alkane: Str...	6.39	3.2	ng/ul	769133	1	7.82	4790260	20.0
(DEL) Alkane: Str...	6.43	2.7	ng/ul	650517	1	7.82	4790260	20.0
(DEL) Alkane: Str...	6.50	8.6	ng/ul	2061110	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	6.58	2.2	ng/ul	522620	1	7.82	4790260	20.0
(DEL) Alkane: Str...	6.72	3.9	ng/ul	943878	1	7.82	4790260	20.0
(DEL) Alkane: Str...	6.82	2.9	ng/ul	697646	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	6.92	2.8	ng/ul	664195	1	7.82	4790260	20.0
(DEL) Alkane: Bra...	7.21	2.4	ng/ul	574887	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	7.28	3.4	ng/ul	808005	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	7.50	3.3	ng/ul	787580	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	7.55	3.5	ng/ul	827566	1	7.82	4790260	20.0
(DEL) Alkane: Str...	7.65	4.4	ng/ul	1048400	1	7.82	4790260	20.0
unknown-01	7.75	7.8	ng/ul	1859300	1	7.82	4790260	20.0
2-Methyl-1-undecanol	8.01	5.6	ng/ul	1334030	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	8.17	4.1	ng/ul	973640	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	8.27	4.1	ng/ul	988904	1	7.82	4790260	20.0
(DEL) Alkane: Bra...	8.35	5.0	ng/ul	1198170	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	8.38	2.4	ng/ul	565143	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	8.62	2.3	ng/ul	541761	1	7.82	4790260	20.0
(DEL) Alkane: Bra...	8.66	7.0	ng/ul	1672030	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	8.81	4.9	ng/ul	1173410	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	8.90	5.8	ng/ul	1399550	1	7.82	4790260	20.0
Acetamide, N-(2-e...	9.09	2.4	ng/ul	563019	1	7.82	4790260	20.0
(DEL) Alkane: Cyc...	9.14	8.5	ng/ul	2042400	1	7.82	4790260	20.0
Tridecanal	9.25	4.0	ng/ul	648106	2	10.62	3235230	20.0
(DEL) Alkane: Str...	9.29	9.1	ng/ul	1463660	2	10.62	3235230	20.0
Cyclooctanemethanol	9.37	5.8	ng/ul	937829	2	10.62	3235230	20.0
(DEL) Alkane: Str...	9.47	6.3	ng/ul	1011850	2	10.62	3235230	20.0
(DEL) Alkane: Bra...	9.55	22.9	ng/ul	3707930	2	10.62	3235230	20.0
unknown-02	10.07	8.4	ng/ul	1365580	2	10.62	3235230	20.0
(DEL) Alkane: Cyc...	10.12	3.0	ng/ul	484516	2	10.62	3235230	20.0
(DEL) Alkane: Bra...	10.33	4.0	ng/ul	648739	2	10.62	3235230	20.0
(DEL) Alkane: Cyc...	10.48	6.1	ng/ul	990710	2	10.62	3235230	20.0
(DEL) Alkane: Cyc...	10.52	7.9	ng/ul	1281690	2	10.62	3235230	20.0
(DEL) Alkane: Cyc...	10.85	9.7	ng/ul	1574710	2	10.62	3235230	20.0
unknown-03	10.91	7.7	ng/ul	1252210	2	10.62	3235230	20.0
(DEL) Alkane: Bra...	11.03	6.5	ng/ul	1049380	2	10.62	3235230	20.0
(DEL) Alkane: Cyc...	11.11	6.0	ng/ul	965593	2	10.62	3235230	20.0
(DEL) Alkane: Bra...	11.30	20.2	ng/ul	3273350	2	10.62	3235230	20.0
(DEL) Alkane: Str...	11.45	9.6	ng/ul	1560000	2	10.62	3235230	20.0
(DEL) Alkane: Bra...	11.51	2.6	ng/ul	413495	2	10.62	3235230	20.0
(DEL) Alkane: Str...	11.65	36.6	ng/ul	5928620	2	10.62	3235230	20.0
(DEL) Alkane: Bra...	11.81	6.0	ng/ul	976841	2	10.62	3235230	20.0
(DEL) Alkane: Cyc...	11.90	4.2	ng/ul	684923	2	10.62	3235230	20.0
(DEL) Alkane: Cyc...	12.03	5.7	ng/ul	916208	2	10.62	3235230	20.0
unknown-04	12.07	7.0	ng/ul	1135510	2	10.62	3235230	20.0

(DEL) Alkane: Bra...	12.42	11.0	ng/ul	1773010	2	10.62	3235230	20.0
(DEL) Alkane: Cyc...	12.74	14.7	ng/ul	1364970	3	14.46	1858780	20.0
(DEL) Alkane: Str...	12.79	4.8	ng/ul	445408	3	14.46	1858780	20.0
(DEL) Alkane: Str...	13.00	56.5	ng/ul	5246990	3	14.46	1858780	20.0
(DEL) Alkane: Bra...	13.05	9.9	ng/ul	918396	3	14.46	1858780	20.0
(DEL) Alkane: Cyc...	13.27	10.9	ng/ul	1017080	3	14.46	1858780	20.0
(DEL) Alkane: Cyc...	13.32	13.9	ng/ul	1289420	3	14.46	1858780	20.0
(DEL) Alkane: Str...	13.38	6.8	ng/ul	636612	3	14.46	1858780	20.0
unknown-05	13.73	11.6	ng/ul	1078930	3	14.46	1858780	20.0
(DEL) Alkane: Bra...	14.30	20.9	ng/ul	1942150	3	14.46	1858780	20.0
(DEL) Alkane: Str...	14.87	13.3	ng/ul	1233770	3	14.46	1858780	20.0
(DEL) Alkane: Cyc...	14.99	30.7	ng/ul	2853100	3	14.46	1858780	20.0
(DEL) Alkane: Str...	15.73	65.9	ng/ul	6122290	3	14.46	1858780	20.0
(DEL) Alkane: Cyc...	15.93	28.9	ng/ul	1482700	4	17.20	1025210	20.0
(DEL) Alkane: Str...	16.22	231.5	ng/ul	11866700	4	17.20	1025210	20.0
(DEL) Alkane: Cyc...	16.78	15.5	ng/ul	792803	4	17.20	1025210	20.0
(DEL) Alkane: Str...	17.02	122.8	ng/ul	6297500	4	17.20	1025210	20.0
(DEL) Alkane: Str...	17.62	31.9	ng/ul	1632970	4	17.20	1025210	20.0
(DEL) Alkane: Str...	21.06	6.6	ng/ul	374831	5	21.37	1142800	20.0

Instrument :
BNA_M
ClientSampleId :
JHGJ1