

Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
 Data File : BM009808.D
 Acq On : 30 Apr 2017 12:59
 Operator : SJ/MA
 Sample : I2849-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST2

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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	6.981	656	662	675	rVB	534247	906945	21.32%	1.279%
2	7.146	683	690	699	rBV	393526	633118	14.88%	0.893%
3	7.346	717	724	731	rBV	511674	827134	19.45%	1.166%
4	7.757	790	794	798	rBV4	53805	85460	2.01%	0.121%
5	7.810	798	803	809	rVV	546057	853637	20.07%	1.204%
6	7.934	817	824	827	rBV8	27444	57317	1.35%	0.081%
7	8.034	834	841	844	rBV8	26830	61743	1.45%	0.087%
8	8.075	844	848	853	rVB4	40931	69041	1.62%	0.097%
9	8.228	868	874	880	rVB8	27083	56823	1.34%	0.080%
10	8.310	880	888	891	rBV4	58580	131513	3.09%	0.185%
11	8.434	905	909	915	rBV4	71613	120315	2.83%	0.170%
12	8.516	915	923	936	rBV	626687	1182877	27.81%	1.668%
13	8.628	937	942	947	rBV5	77626	149621	3.52%	0.211%
14	8.763	959	965	966	rBV4	38165	65325	1.54%	0.092%
15	8.898	983	988	994	rVV2	129400	222793	5.24%	0.314%
16	8.981	996	1002	1009	rVB	625196	1076052	25.30%	1.517%
17	9.098	1017	1022	1025	rBV6	70867	148929	3.50%	0.210%
18	9.140	1027	1029	1036	rVB4	103309	174087	4.09%	0.245%
19	9.210	1036	1041	1042	rBV5	45695	57300	1.35%	0.081%
20	9.251	1042	1048	1054	rVB7	86755	223848	5.26%	0.316%
21	9.322	1054	1060	1062	rBV5	66611	117312	2.76%	0.165%
22	9.422	1072	1077	1083	rVB3	122607	197772	4.65%	0.279%
23	9.510	1083	1092	1106	rVB6	226821	606346	14.25%	0.855%
24	9.645	1108	1115	1118	rBV5	67223	144356	3.39%	0.204%
25	9.698	1118	1124	1131	rVB2	573903	1111172	26.12%	1.567%
26	9.769	1131	1136	1143	rBV8	132888	278457	6.55%	0.393%
27	9.834	1143	1147	1156	rVV4	94312	250678	5.89%	0.353%
28	9.922	1158	1162	1169	rVB5	147461	272167	6.40%	0.384%
29	9.998	1170	1175	1181	rBV3	196023	369942	8.70%	0.522%
30	10.110	1191	1194	1198	rVB	124627	162689	3.82%	0.229%
31	10.181	1198	1206	1209	rBV7	101148	221417	5.21%	0.312%
32	10.234	1209	1215	1221	rVV2	680861	1127019	26.50%	1.589%
33	10.298	1221	1226	1232	rVB8	107159	221240	5.20%	0.312%
34	10.369	1232	1238	1246	rBV4	133484	324981	7.64%	0.458%

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35	10.439	1247	1250	1252	rBV4	55084	61837	1.45%	0.087%
36	10.481	1253	1257	1260	rVV	161634	262878	6.18%	0.371%
37	10.551	1264	1269	1271	rVV4	175437	365819	8.60%	0.516%
38	10.610	1274	1279	1284	rVV	845826	1498245	35.22%	2.113%
39	10.657	1284	1287	1291	rVV5	139971	215459	5.07%	0.304%
40	10.739	1292	1301	1308	rVV2	988593	2470062	58.07%	3.483%
41	10.804	1308	1312	1318	rVB6	105752	213504	5.02%	0.301%
42	11.004	1343	1346	1350	rVB6	61513	81017	1.90%	0.114%
43	11.069	1352	1357	1363	rVB6	282446	562291	13.22%	0.793%
44	11.128	1363	1367	1368	rBV4	62594	73297	1.72%	0.103%
45	11.281	1384	1393	1401	rBV6	358427	997951	23.46%	1.407%
46	11.416	1411	1416	1423	rBV5	234315	410054	9.64%	0.578%
47	11.504	1426	1431	1438	rVB8	173807	437209	10.28%	0.617%
48	11.598	1438	1447	1452	rBV	948762	1585613	37.28%	2.236%
49	11.639	1452	1454	1459	rVB5	137978	182986	4.30%	0.258%
50	11.792	1475	1480	1486	rVB5	254293	477208	11.22%	0.673%
51	11.869	1487	1493	1497	rBV6	193395	359572	8.45%	0.507%
52	11.998	1510	1515	1522	rBV8	140291	397881	9.35%	0.561%
53	12.228	1550	1554	1558	rVB2	389612	577545	13.58%	0.814%
54	12.275	1559	1562	1566	rVB5	147664	206503	4.85%	0.291%
55	12.492	1597	1599	1600	rBV2	81116	74367	1.75%	0.105%
56	12.516	1601	1603	1608	rVB3	217215	300751	7.07%	0.424%
57	12.645	1620	1625	1629	rBV4	205965	341078	8.02%	0.481%
58	12.704	1629	1635	1639	rVV4	243771	484616	11.39%	0.683%
59	12.745	1640	1642	1645	rVB2	116785	106790	2.51%	0.151%
60	12.833	1654	1657	1660	rVB5	103724	119687	2.81%	0.169%
61	12.875	1660	1664	1668	rBV6	114721	167062	3.93%	0.236%
62	12.963	1674	1679	1688	rVB	944972	1420590	33.40%	2.003%
63	13.239	1722	1726	1729	rBV2	178495	289298	6.80%	0.408%
64	13.386	1748	1751	1762	rVB5	216468	444515	10.45%	0.627%
65	13.722	1805	1808	1811	rBV5	122762	159845	3.76%	0.225%
66	13.775	1813	1817	1822	rVV4	251457	471876	11.09%	0.665%
67	13.827	1822	1826	1829	rVV2	325793	464060	10.91%	0.654%
68	13.869	1829	1833	1837	rVV	1302821	1918492	45.10%	2.705%
69	13.916	1837	1841	1845	rVV	1406963	1891211	44.46%	2.667%
70	13.969	1846	1850	1854	rVV4	234050	354366	8.33%	0.500%
71	14.022	1854	1859	1866	rVB9	148086	356995	8.39%	0.503%

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72	14.157	1877	1882	1889	rBV	1279313	1873819	44.05%	2.642%
73	14.274	1898	1902	1907	rBV5	168681	262225	6.16%	0.370%
74	14.404	1921	1924	1927	rBV5	197383	313961	7.38%	0.443%
75	14.463	1929	1934	1939	rVB2	1298917	2094023	49.23%	2.953%
76	14.674	1964	1970	1979	rBV2	782729	1335872	31.41%	1.884%
77	14.933	2011	2014	2015	rBV2	133188	141811	3.33%	0.200%
78	15.239	2062	2066	2071	rBV6	133752	319380	7.51%	0.450%
79	15.333	2079	2082	2087	rVB4	144748	216695	5.09%	0.306%
80	15.457	2098	2103	2108	rBV	1712732	2354629	55.36%	3.320%
81	15.586	2121	2125	2131	rVB2	657873	933879	21.95%	1.317%
82	15.692	2137	2143	2154	rVB	869257	1568142	36.87%	2.211%
83	15.904	2176	2179	2184	rVB3	175953	262152	6.16%	0.370%
84	16.168	2218	2224	2229	rBV	1781995	2652060	62.35%	3.740%
85	16.992	2359	2364	2368	rBV	956238	1378889	32.42%	1.944%
86	17.210	2397	2401	2407	rVB2	1643769	2280474	53.61%	3.216%
87	17.310	2413	2418	2424	rVB2	2138520	3029938	71.23%	4.273%
88	18.086	2547	2550	2554	rBV3	291190	337189	7.93%	0.475%
89	19.609	2804	2809	2814	rBV	2712924	3688976	86.72%	5.202%
90	19.756	2831	2834	2837	rBV2	278377	401180	9.43%	0.566%
91	21.286	3091	3094	3099	rVB	790292	924578	21.74%	1.304%
92	21.392	3108	3112	3117	rBV	2737538	3466799	81.50%	4.889%
93	23.556	3475	3480	3491	rVB2	2122253	4253670	100.00%	5.998%
94	23.703	3500	3505	3517	rVB	1834836	3511551	82.55%	4.952%

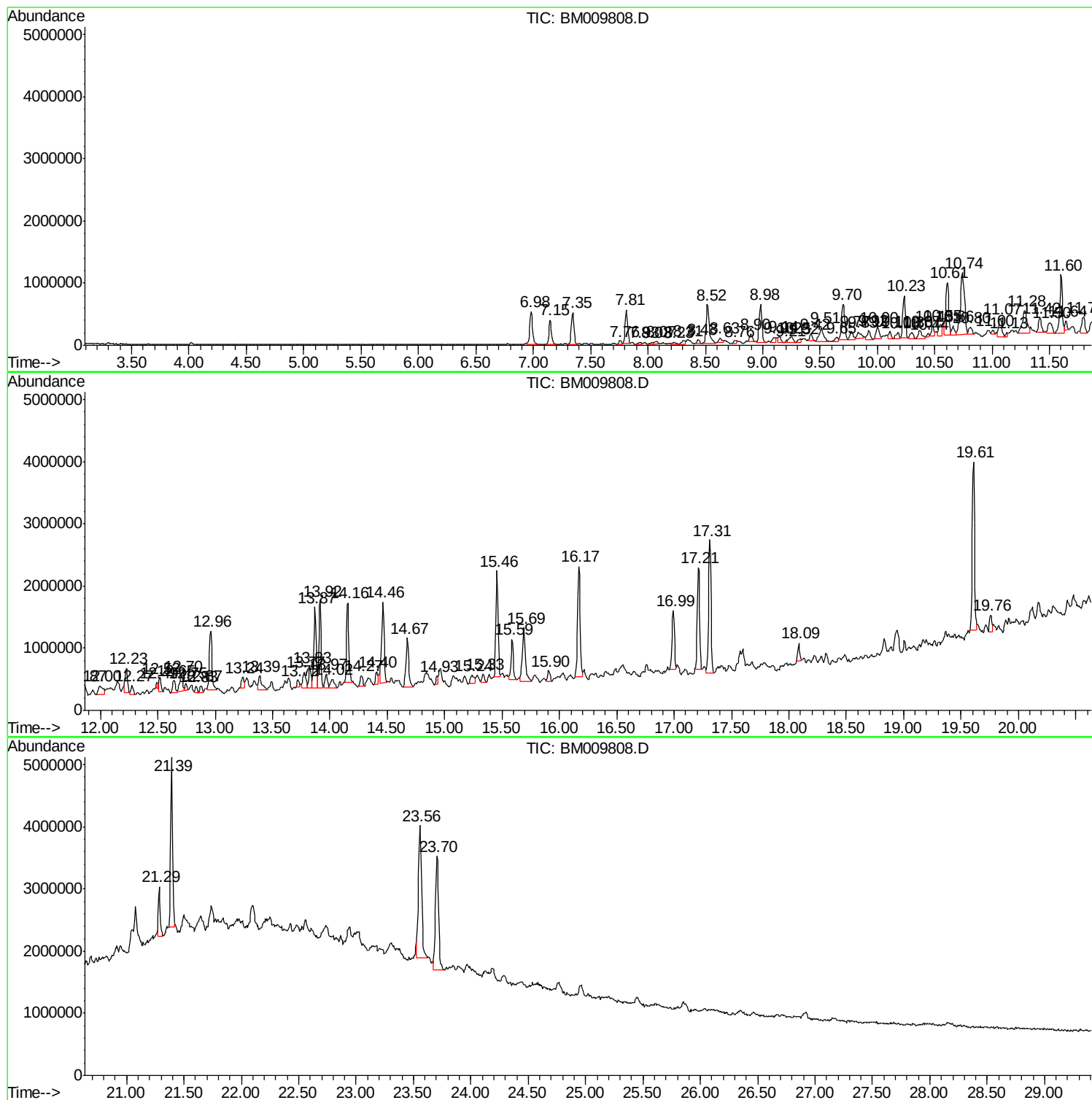
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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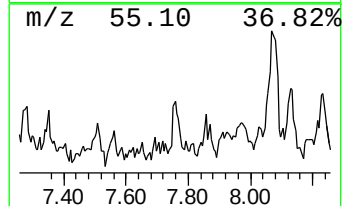
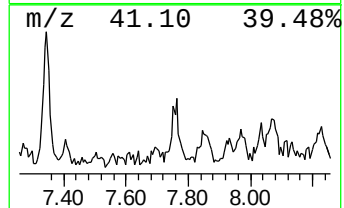
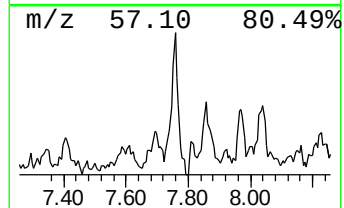
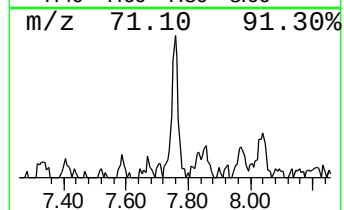
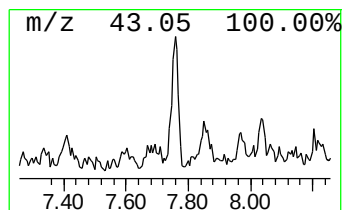
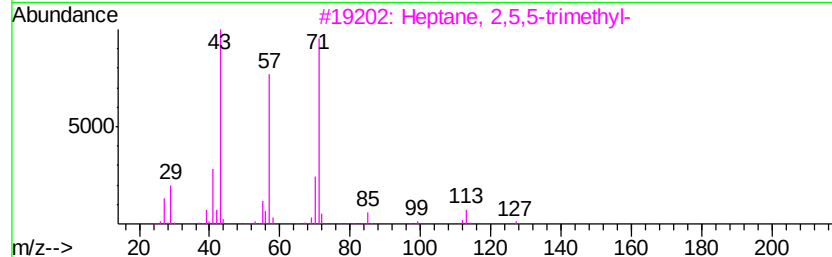
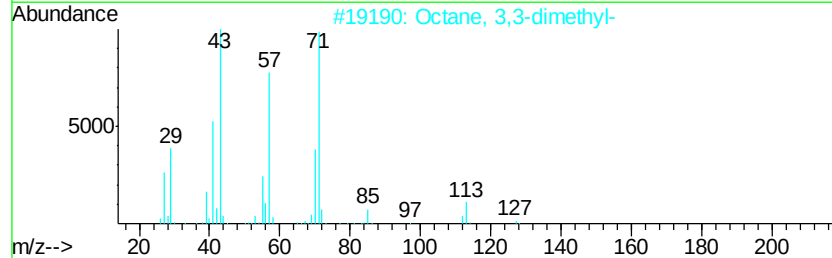
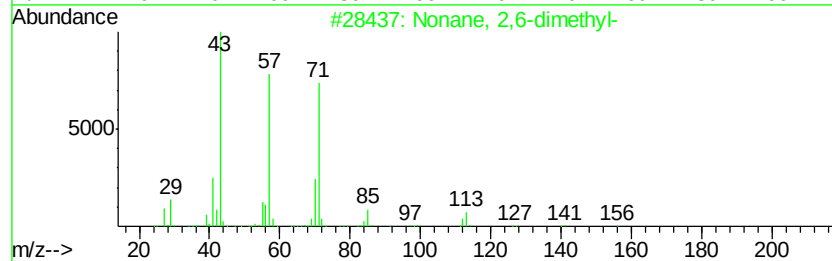
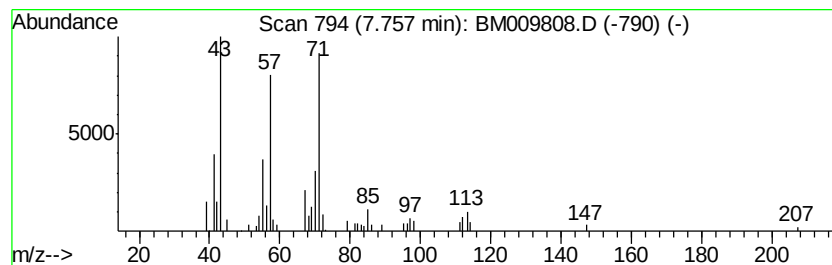
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.00 ng/ul	85460	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59



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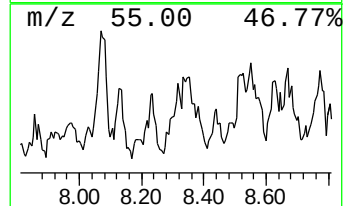
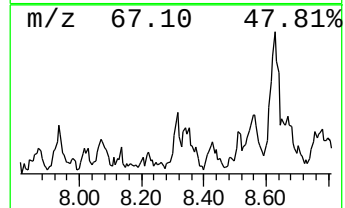
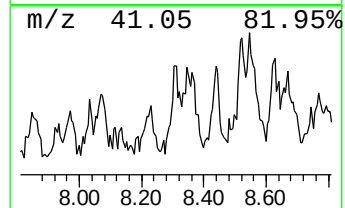
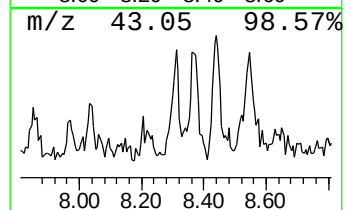
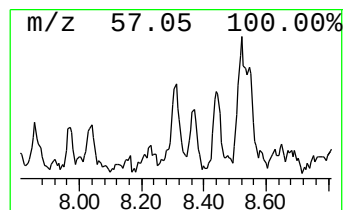
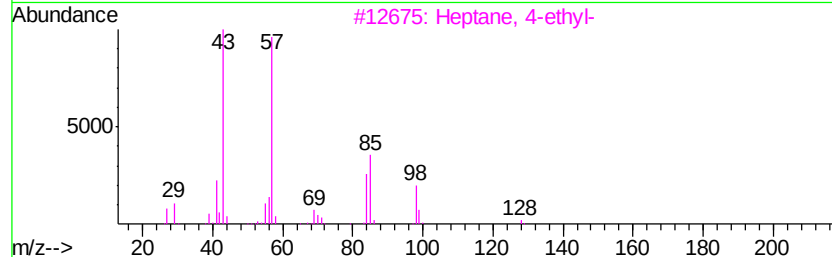
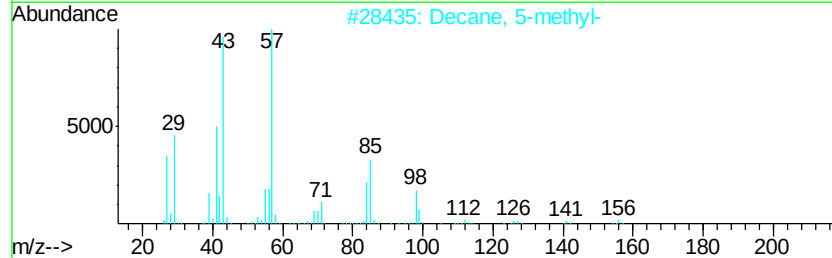
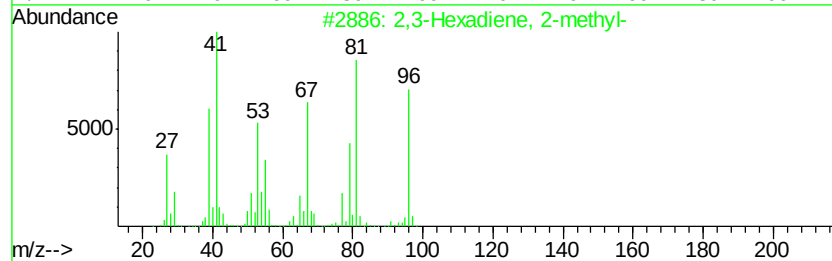
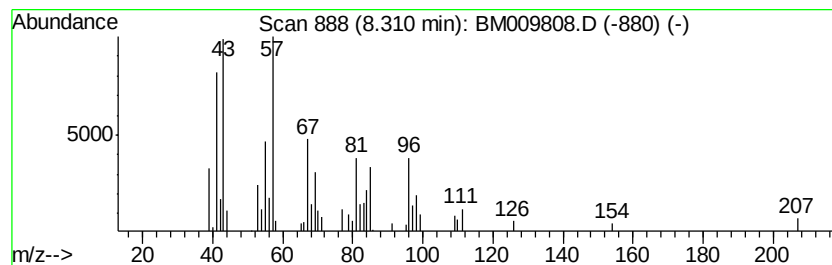
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	3.08 ng/ul	131513	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Hexadiene, 2-methyl-	96	C7H12	029212-09-7	30
2		Decane, 5-methyl-	156	C11H24	013151-35-4	27
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	27
4		Decane, 5-methyl-	156	C11H24	013151-35-4	22
5		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	22



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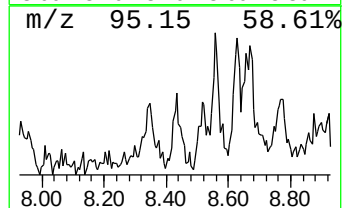
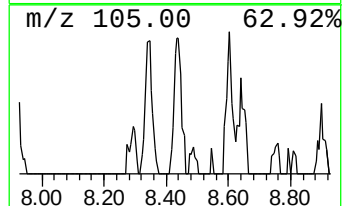
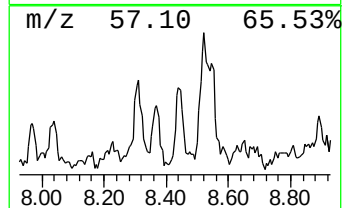
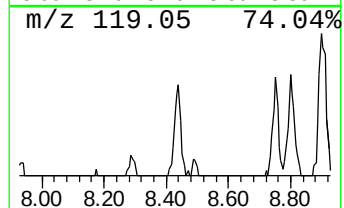
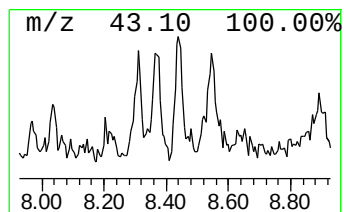
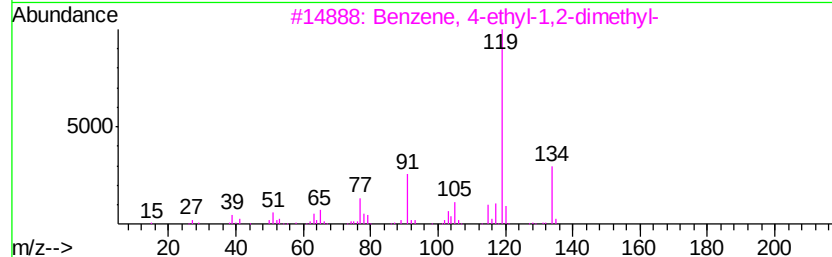
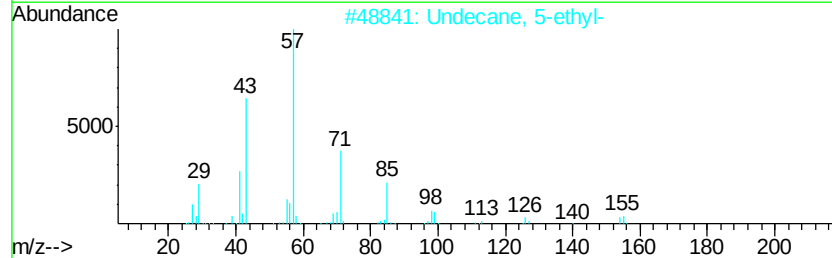
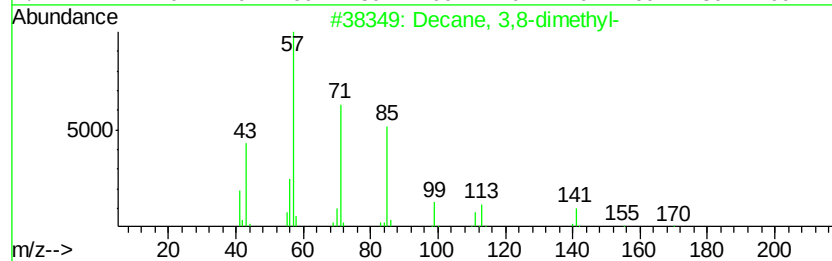
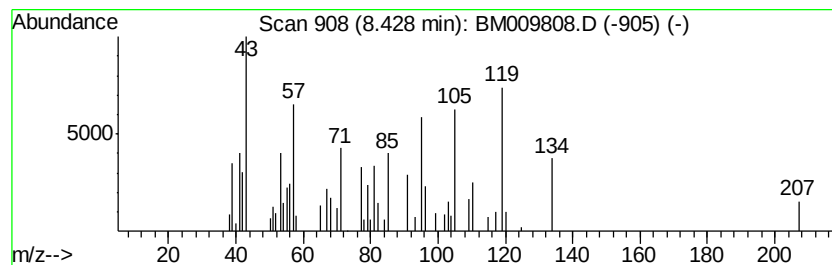
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	2.82 ng/ul	120315	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	14
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	14
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	11
4		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	11
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	11



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ClientSampled :
JHST2

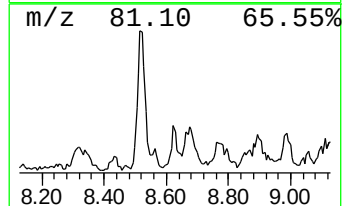
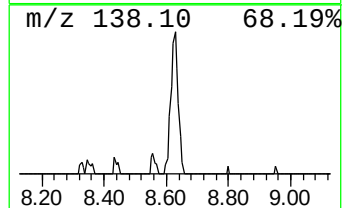
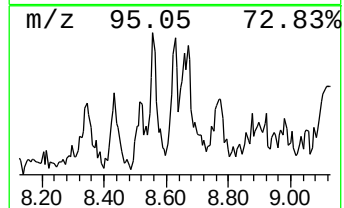
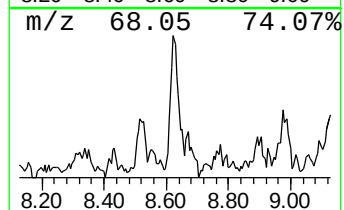
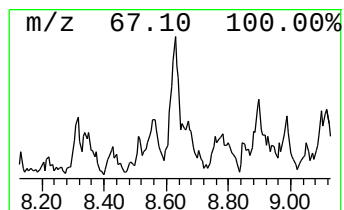
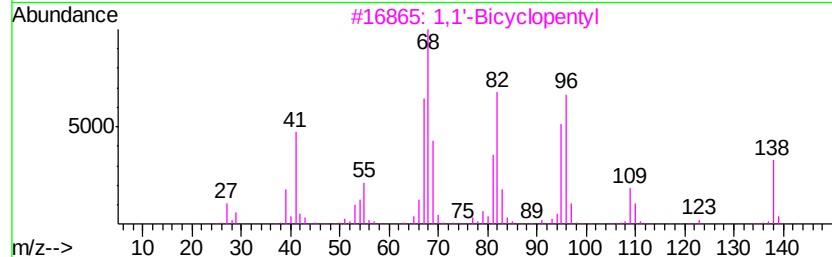
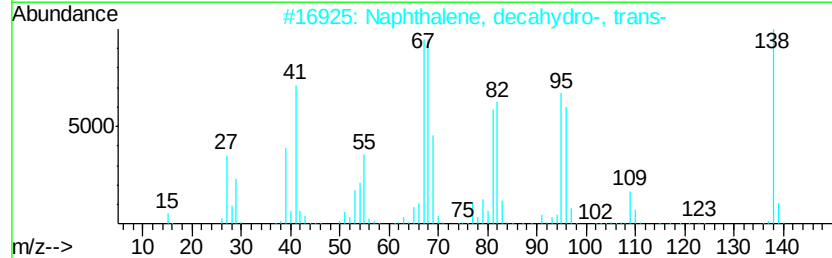
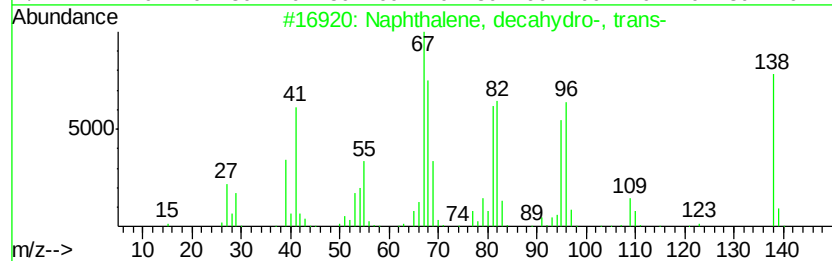
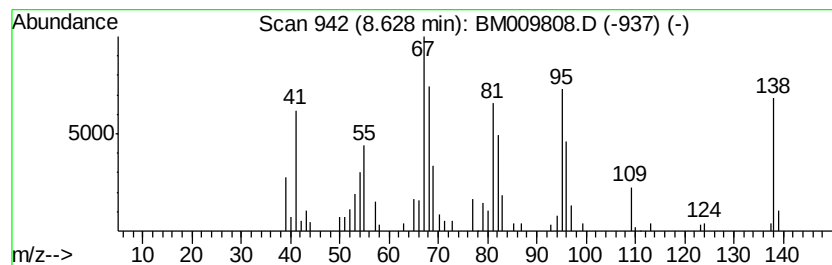
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	3.51 ng/ul	149621	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	74
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	74
4		(Z)-Dec-4-enyl isobutyl carbonate	256	C15H28O3	1000372-79-2	72
5		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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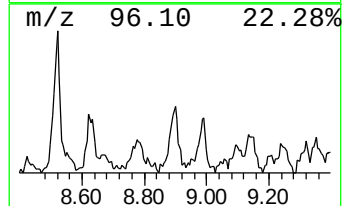
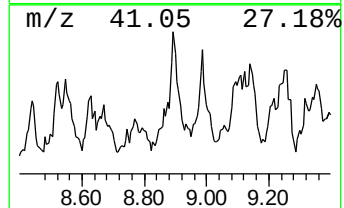
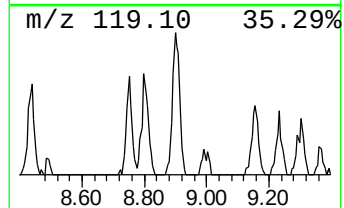
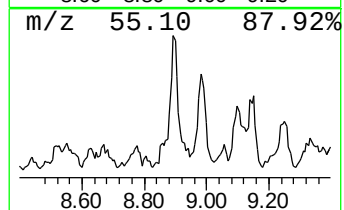
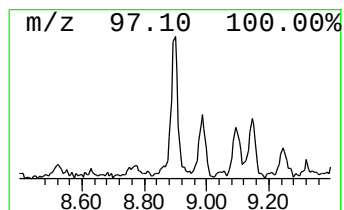
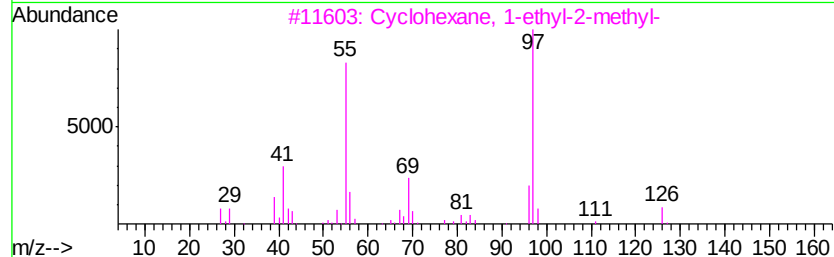
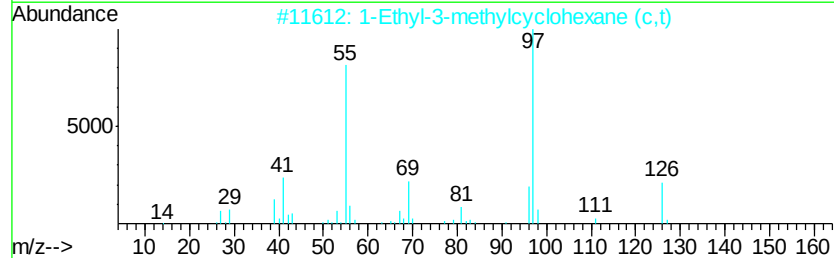
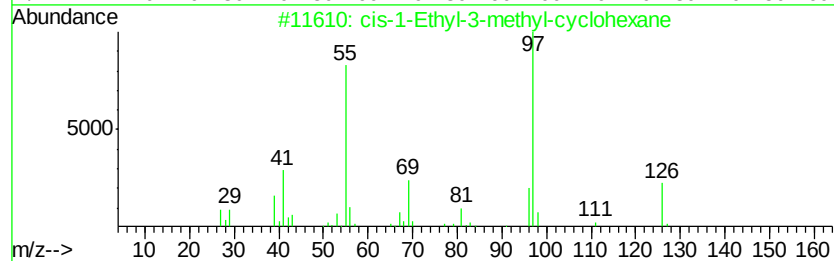
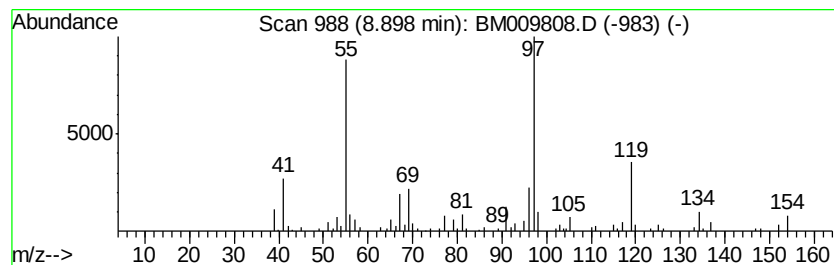
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic8.90 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	5.22 ng/ul	222793	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	62
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	62
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
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ClientSampleId :
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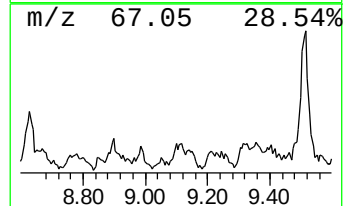
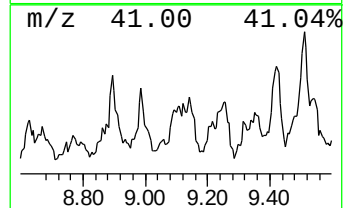
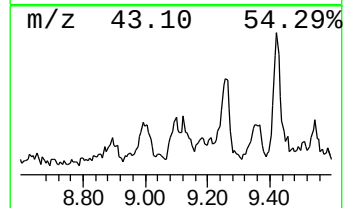
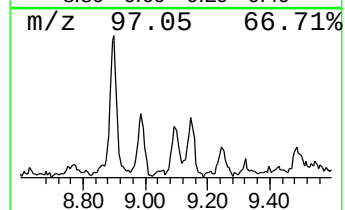
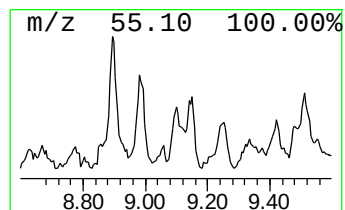
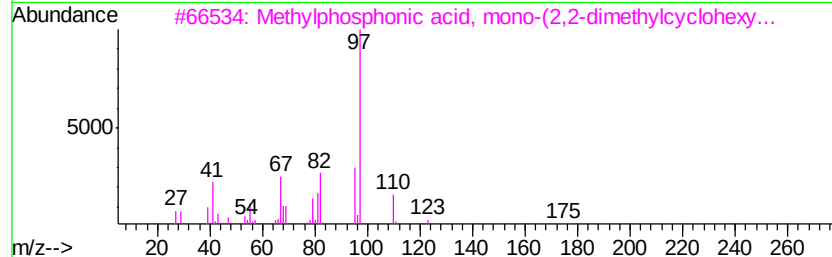
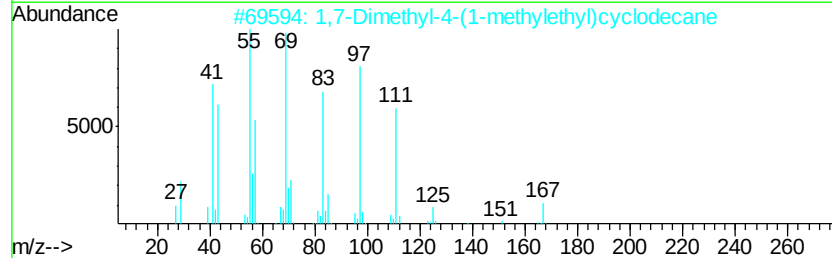
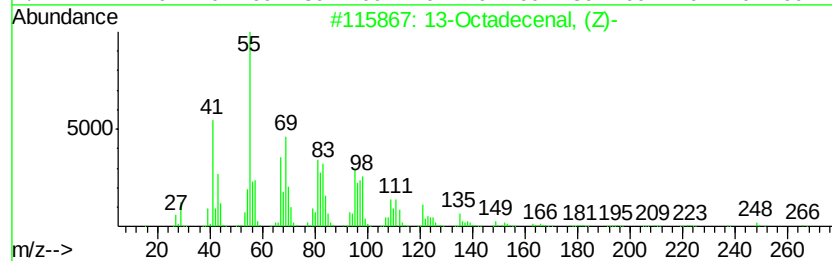
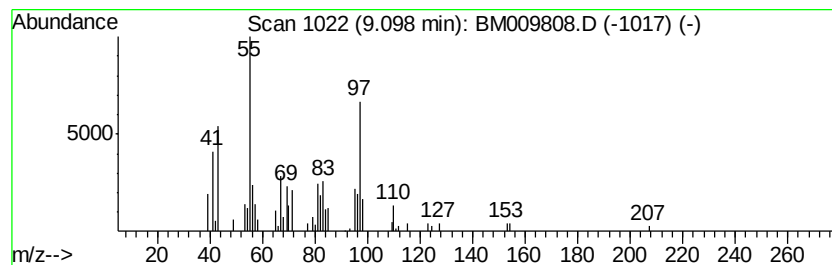
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	3.49 ng/ul	148929	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	49
2		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
3		Methylphosphonic acid, mono-(2,2...	206	C9H19O3P	1000273-47-2	35
4		Chloroacetic acid, 4-tetradecyl ...	290	C16H31ClO2	1000280-08-6	27
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	27



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
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ClientSampleId :
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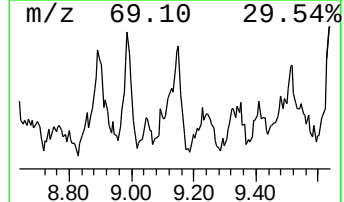
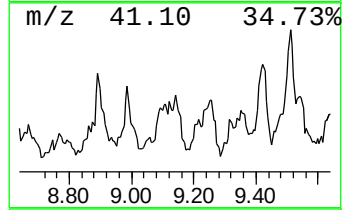
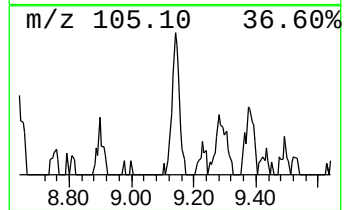
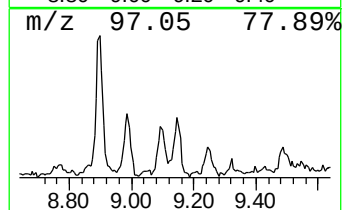
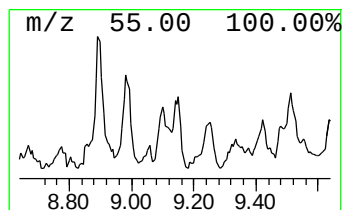
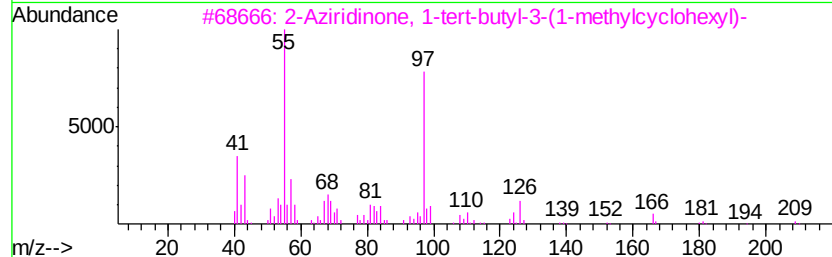
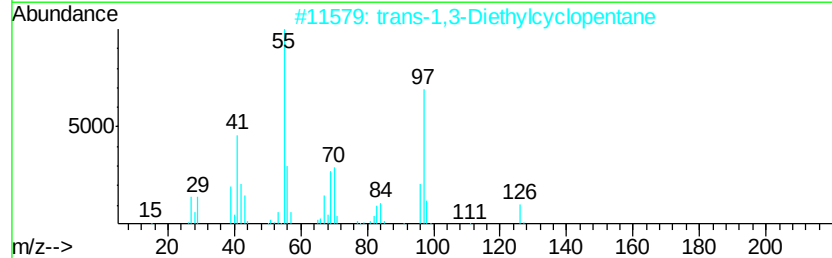
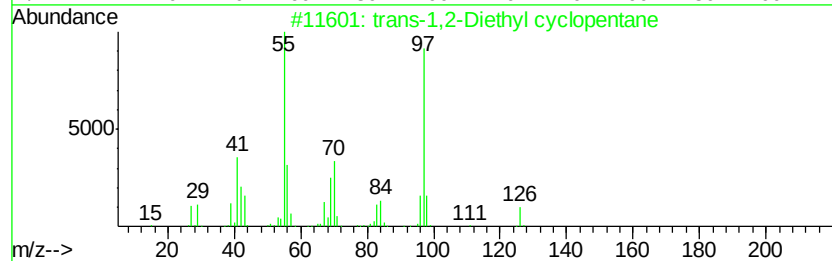
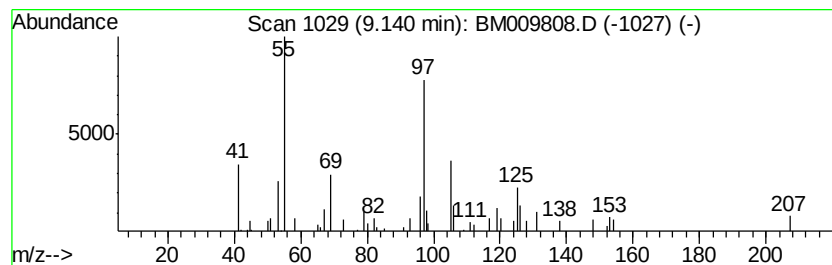
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic9.14 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	4.08 ng/ul	174087	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	52
2		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	52
3		2-Aziridinone, 1-tert-butyl-3-(1...	209	C13H23NO	024161-49-7	47
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	47



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
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Misc :
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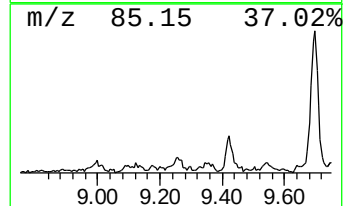
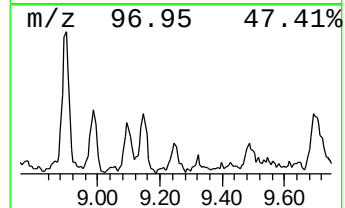
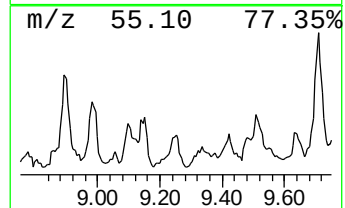
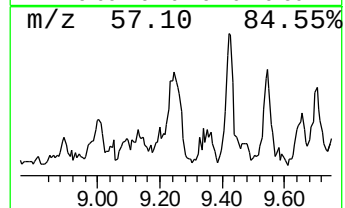
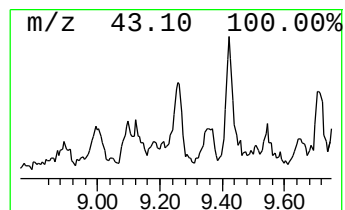
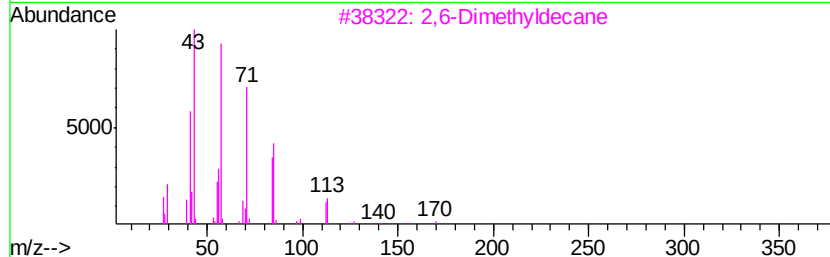
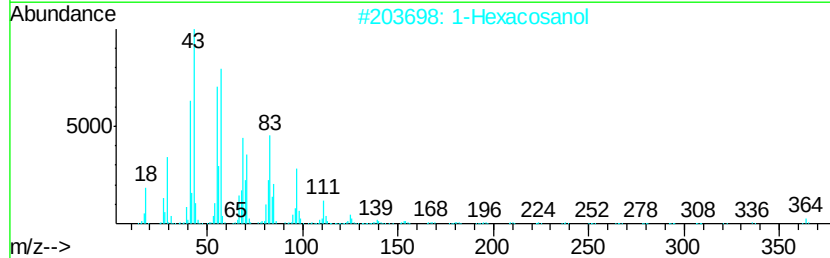
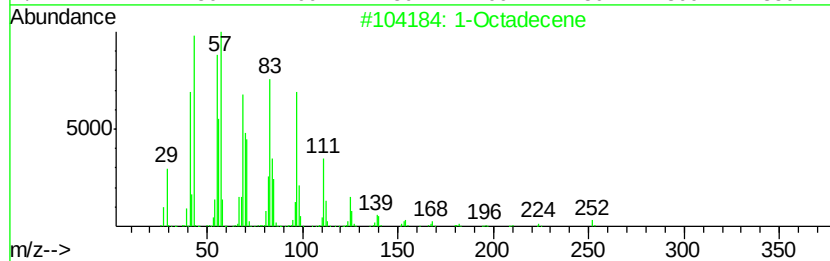
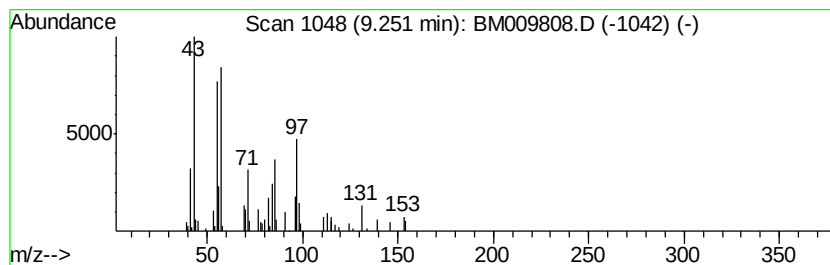
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic9.25 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.99 ng/ul	223848	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	53
2		1-Hexacosanol	382	C26H54O	000506-52-5	38
3		2,6-Dimethyldecane	170	C12H26	013150-81-7	38
4		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	35
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	35



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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ALS Vial : 5 Sample Multiplier: 1

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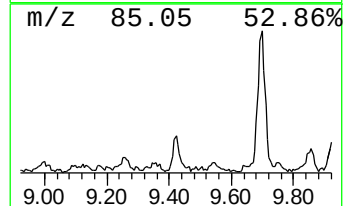
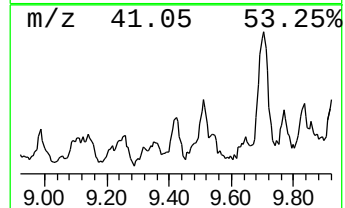
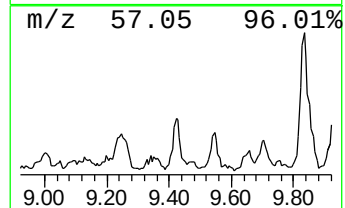
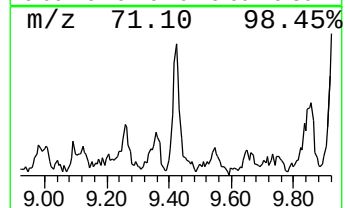
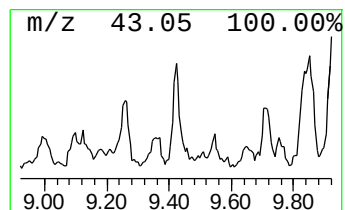
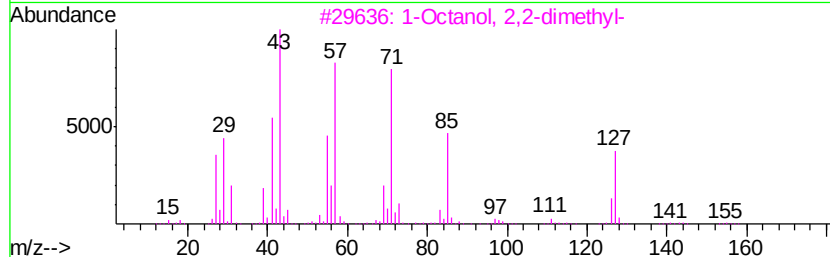
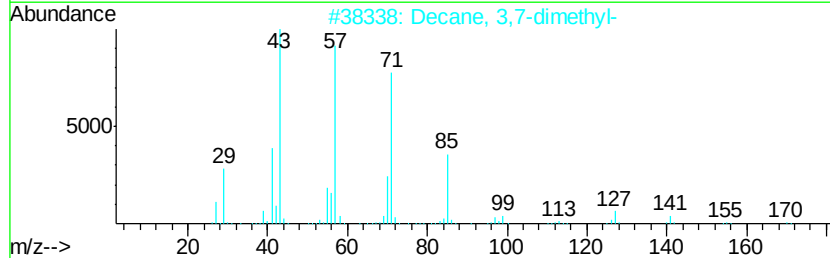
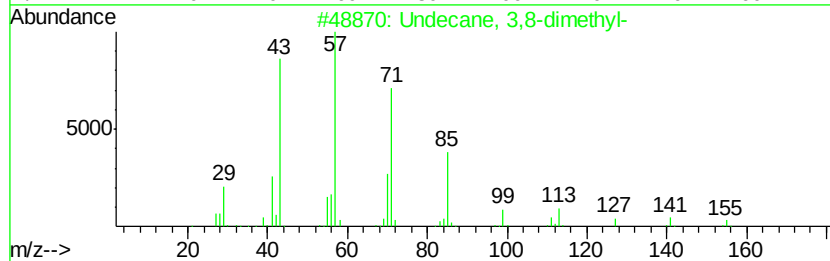
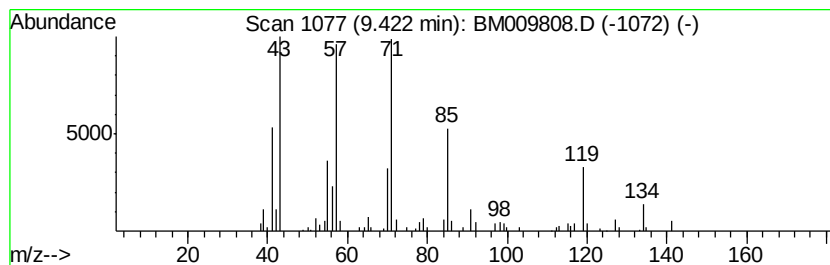
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.64 ng/ul	197772	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59
3		1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	53
4		Octacosane	394	C28H58	000630-02-4	53
5		Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	50



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
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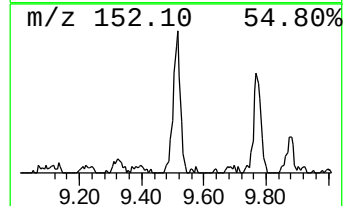
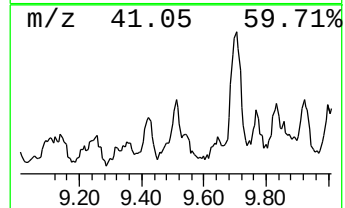
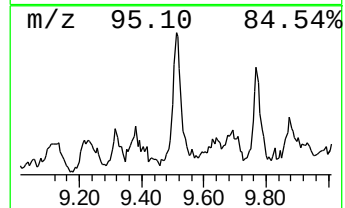
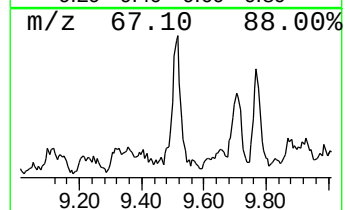
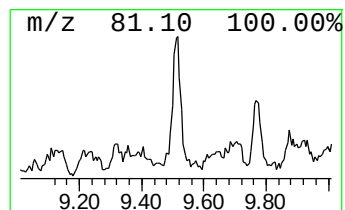
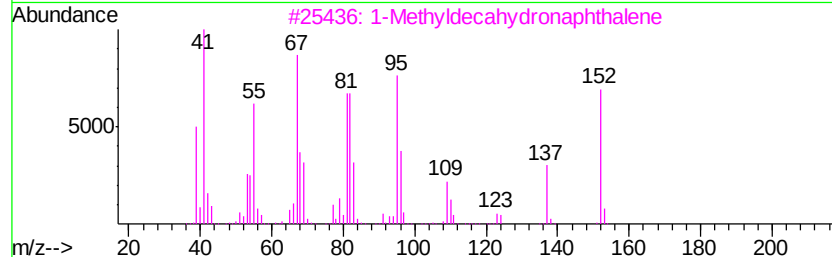
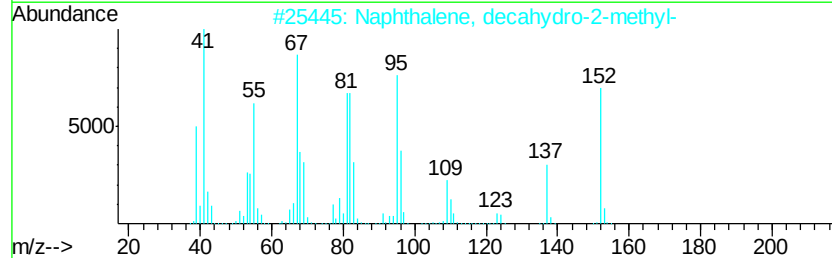
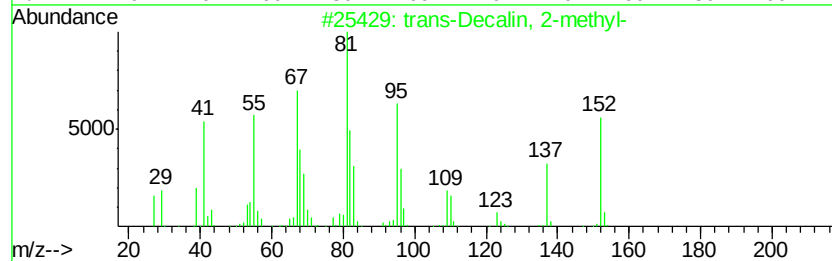
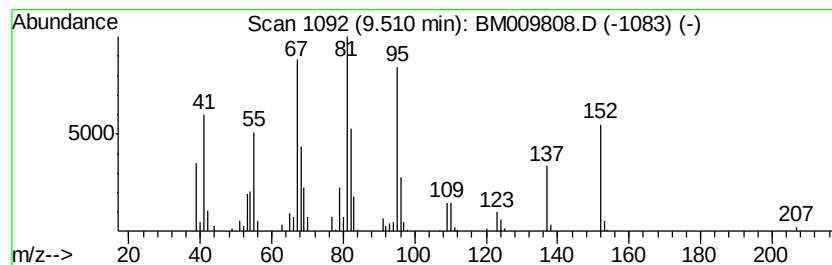
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 trans-Decalin, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	8.09 ng/ul	606346	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
5		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	81



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST2

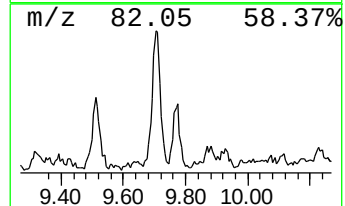
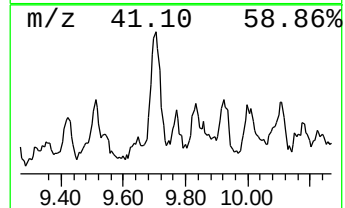
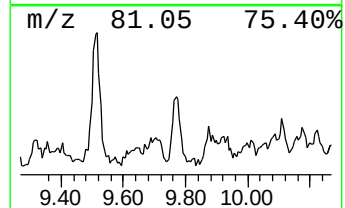
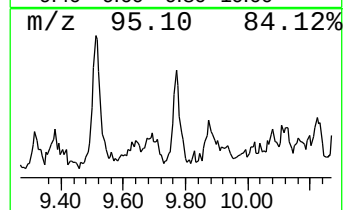
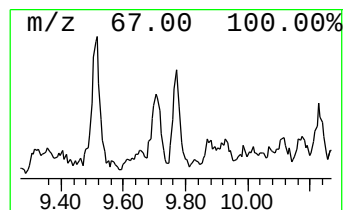
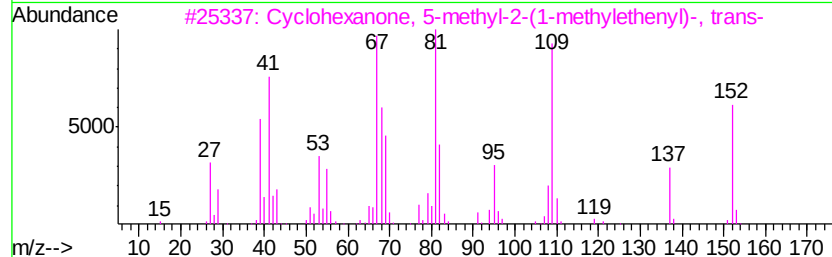
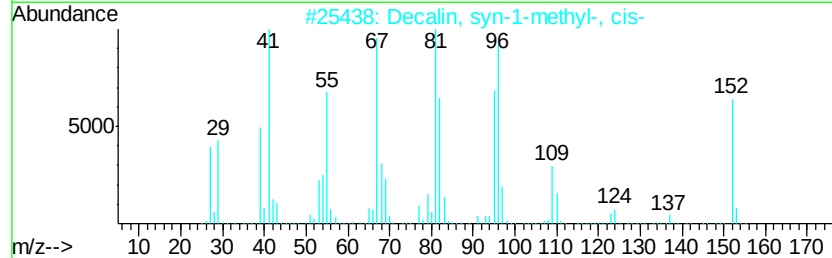
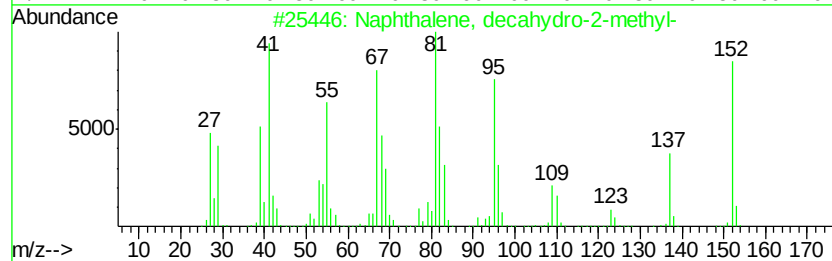
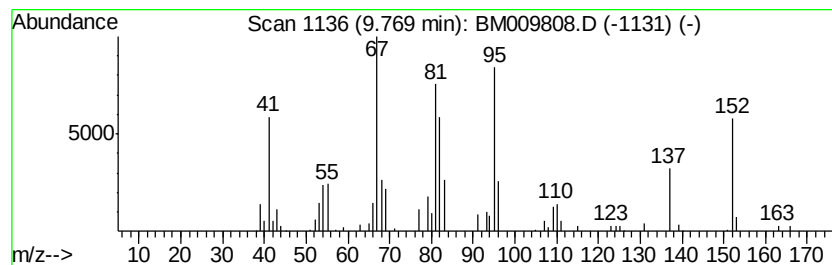
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.72 ng/ul	278457	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	52
4		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	50
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST2

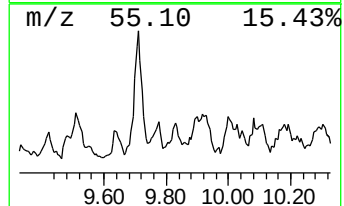
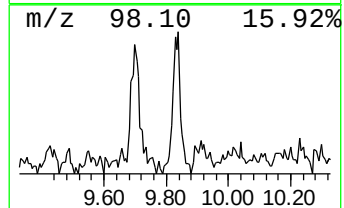
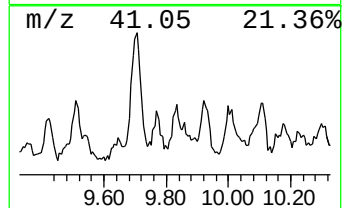
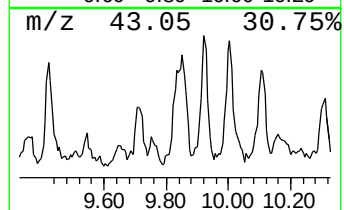
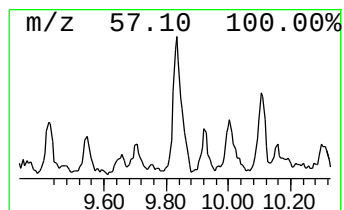
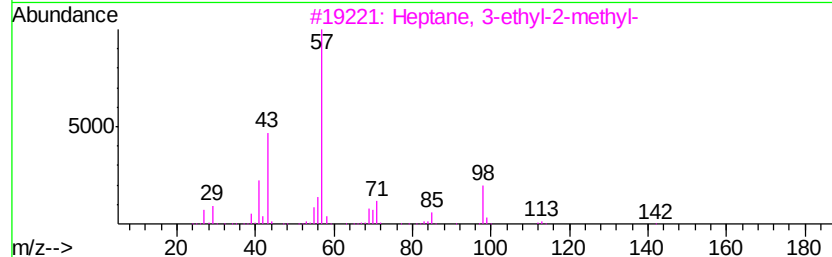
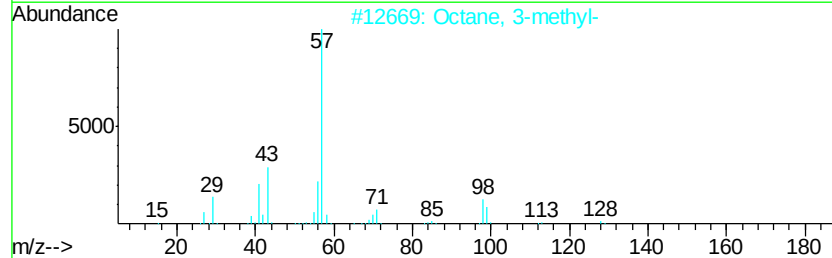
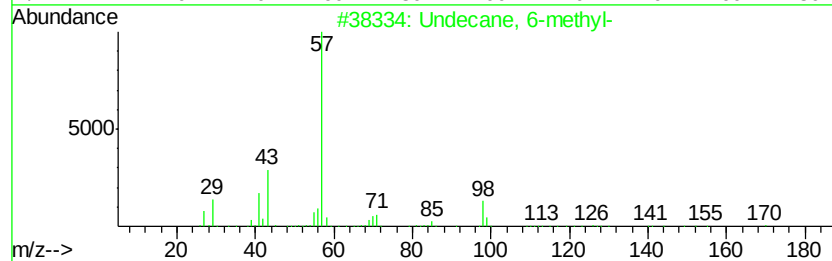
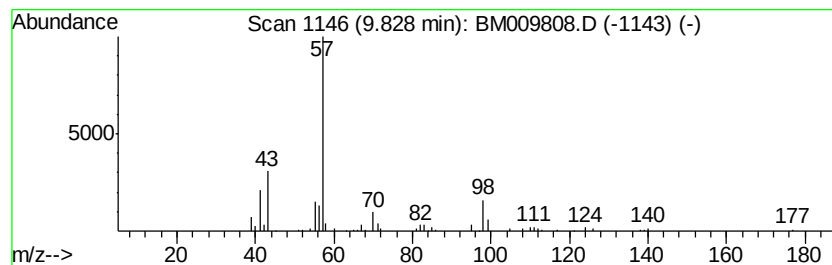
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.35 ng/ul	250678	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
2		Octane, 3-methyl-	128	C9H20	002216-33-3	50
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	42



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
JHST2

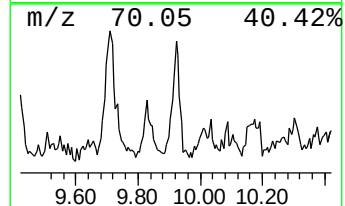
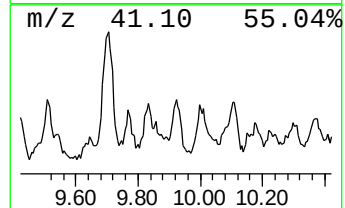
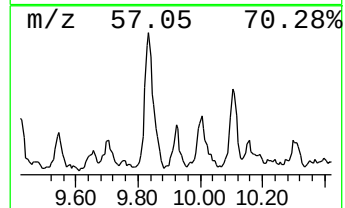
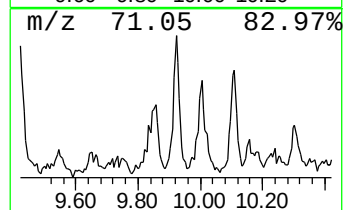
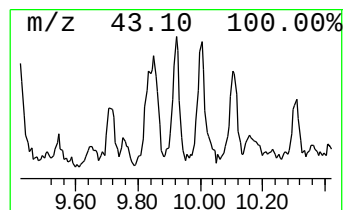
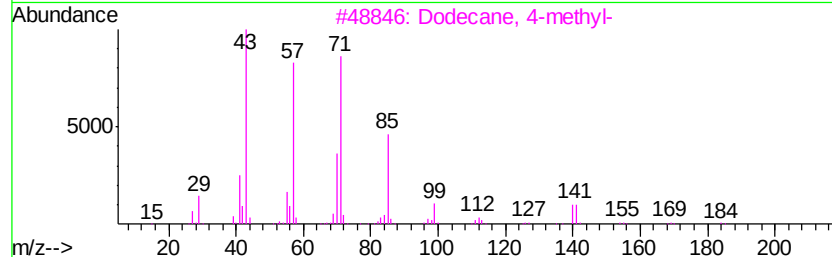
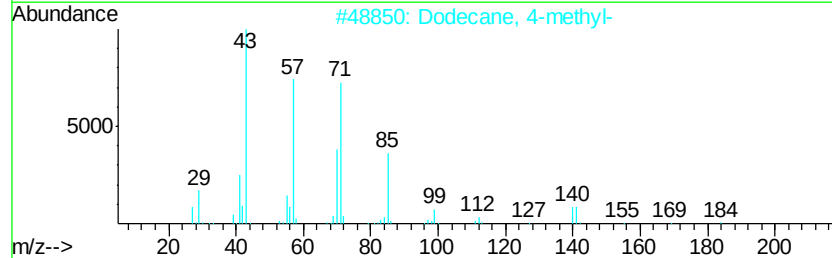
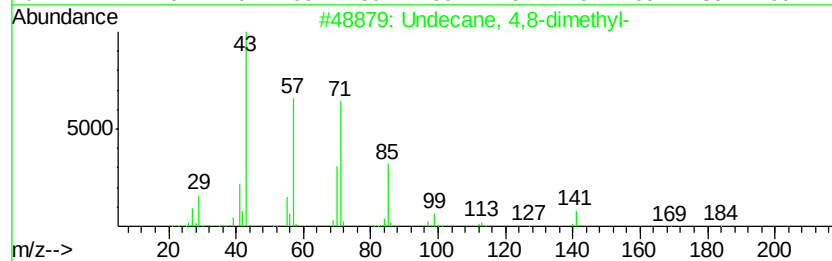
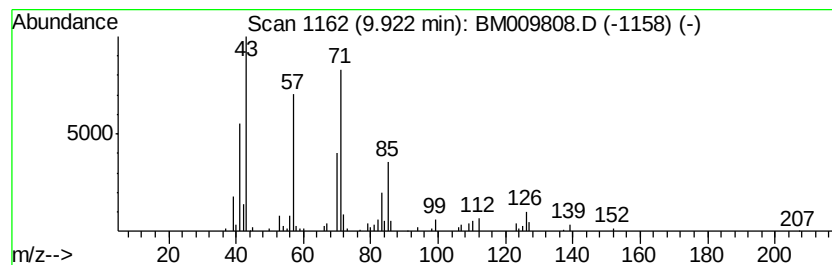
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	3.63 ng/ul	272167	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
4		4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	53
5		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	53



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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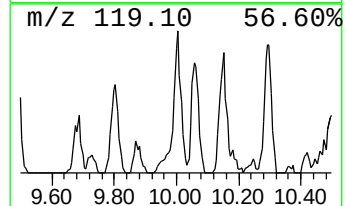
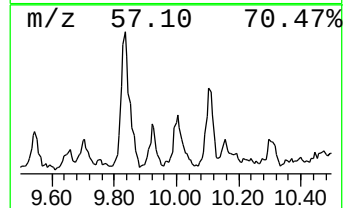
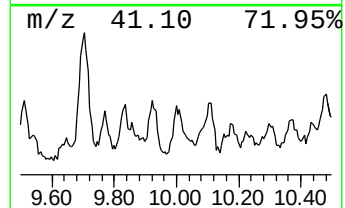
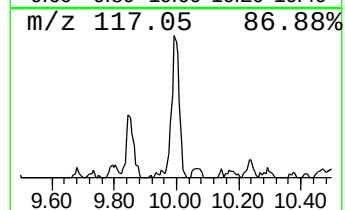
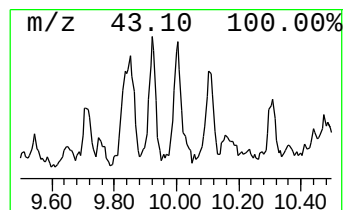
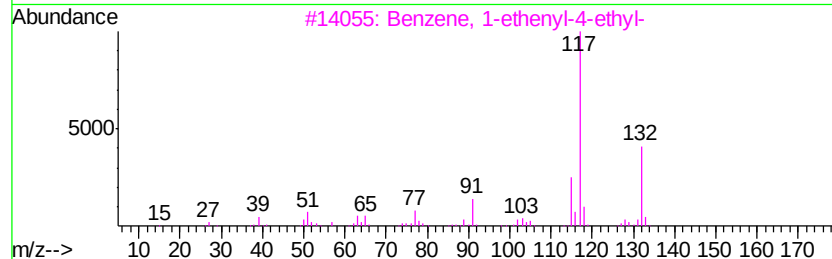
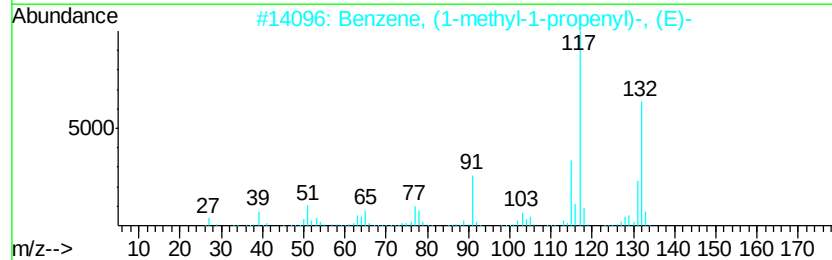
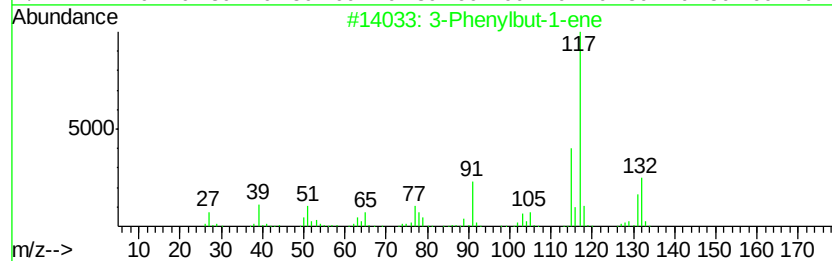
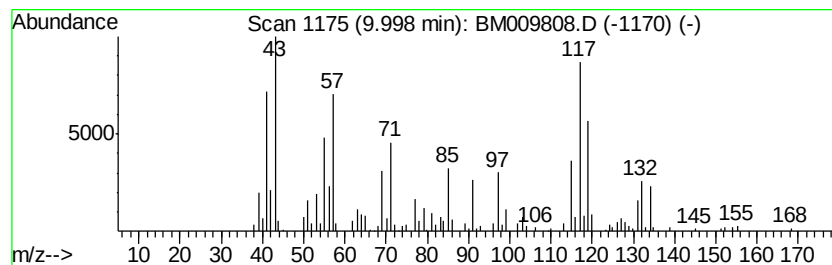
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	4.94 ng/ul	369942	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	46
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	46
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	38
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	38
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

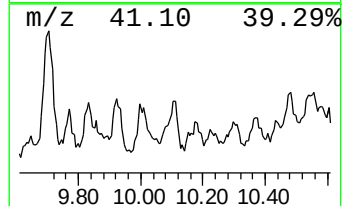
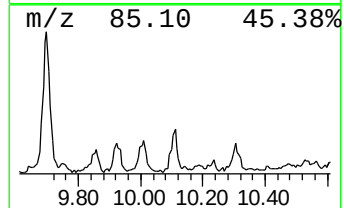
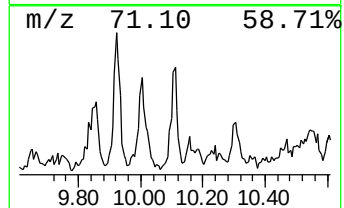
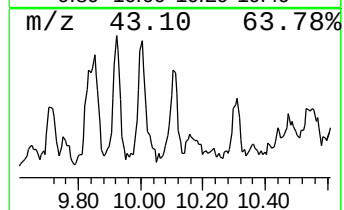
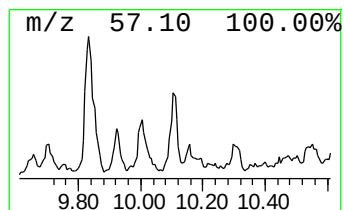
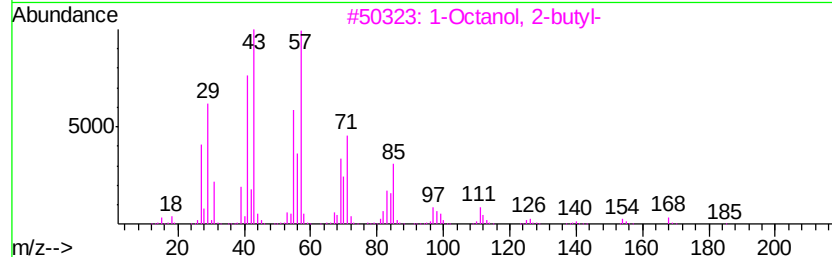
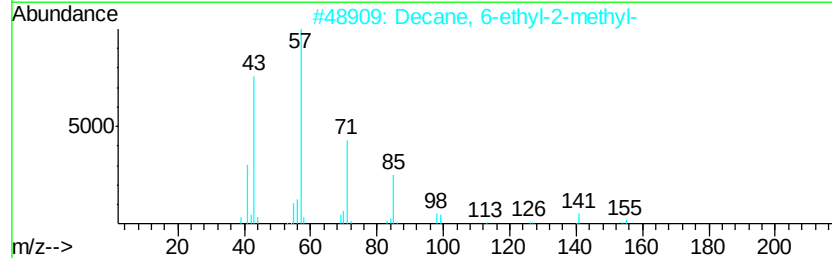
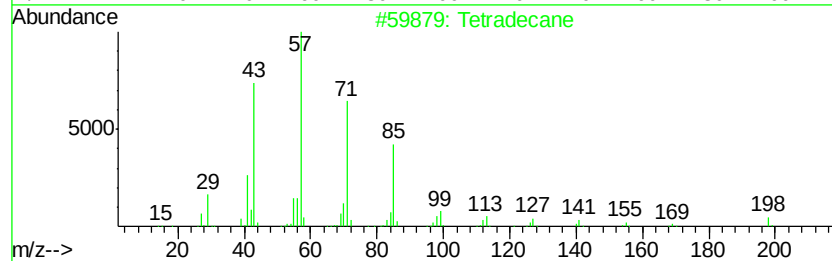
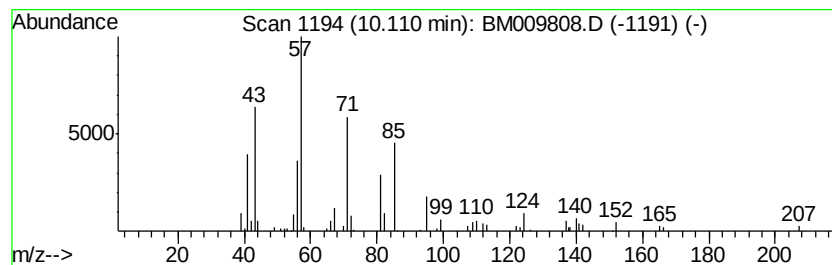
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.17 ng/ul	162689	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 53
2		Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8 50
3		1-Octanol, 2-butyl-	186 C12H26O	003913-02-8 45
4		2-methyltetracosane	352 C25H52	1000376-72-6 45
5		Undecane, 3,7-dimethyl-	184 C13H28	017301-29-0 45



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
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Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

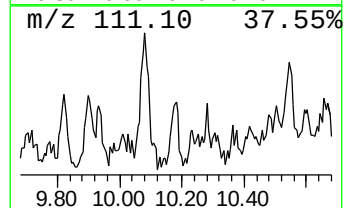
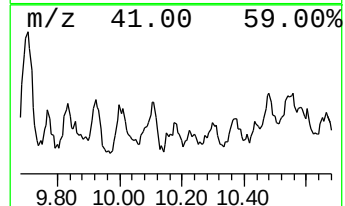
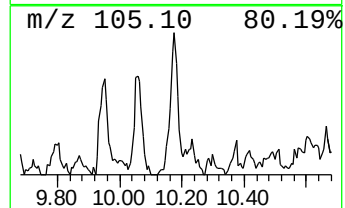
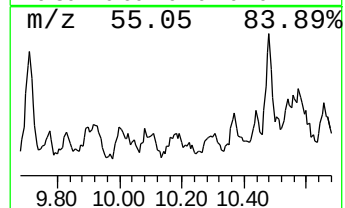
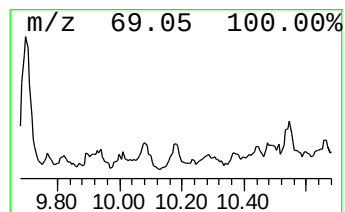
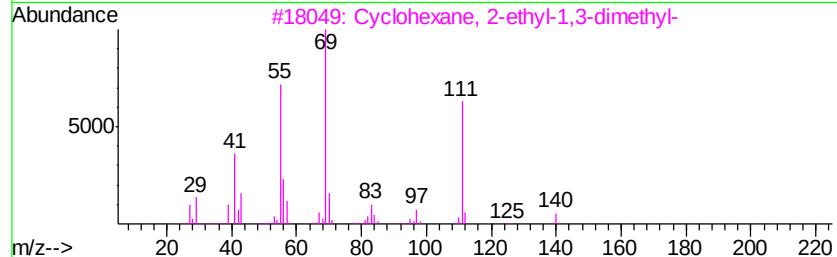
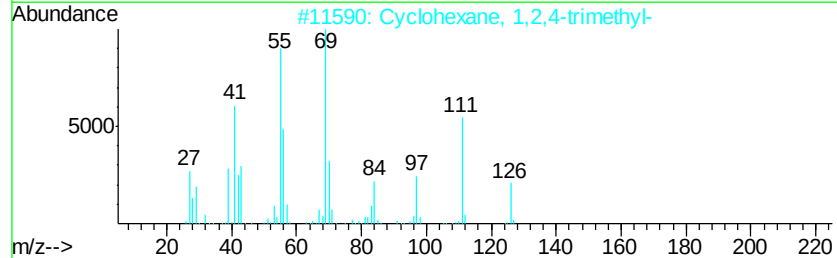
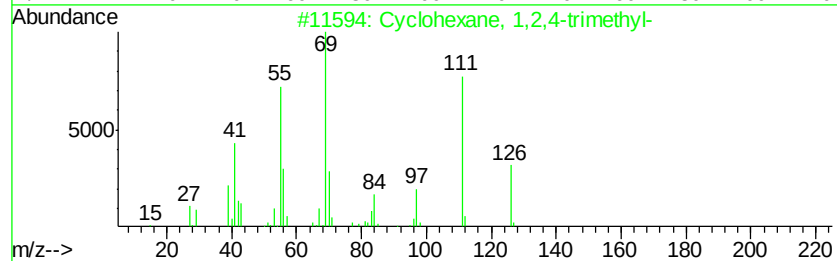
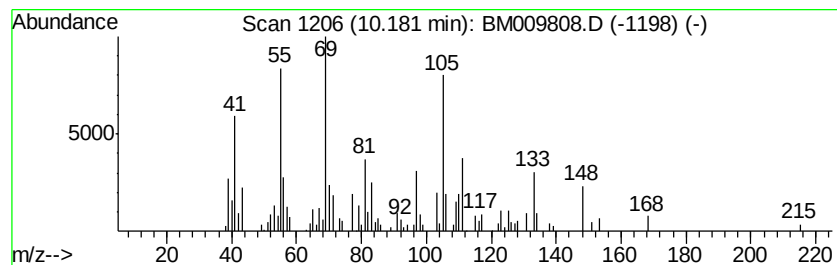
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic10.18 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.96 ng/ul	221417	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 38
2		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 35
3		Cyclohexane, 2-ethyl-1,3-dimethyl-	140 C10H20	007045-67-2 35
4		Cyclopropane, 1-(1,2-dimethylpro...	252 C18H36	041977-42-8 35
5		Cyclopentane carboxylic acid hyd...	128 C6H12N2O	003400-07-5 30



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
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Sample : I2849-07
Misc :
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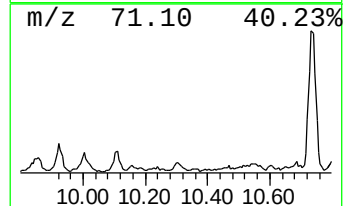
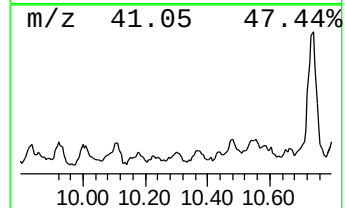
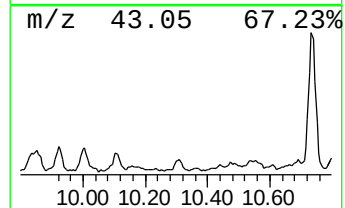
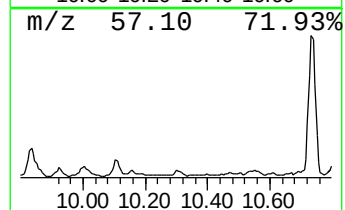
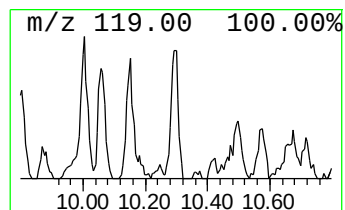
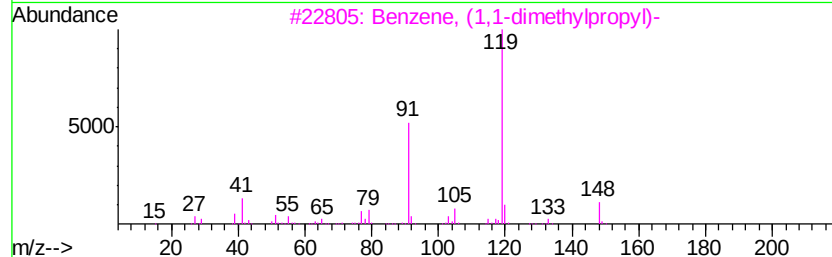
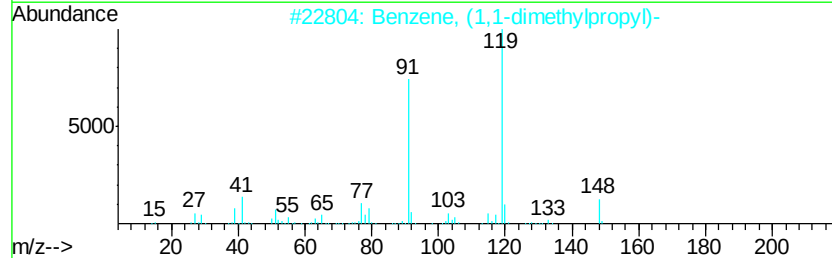
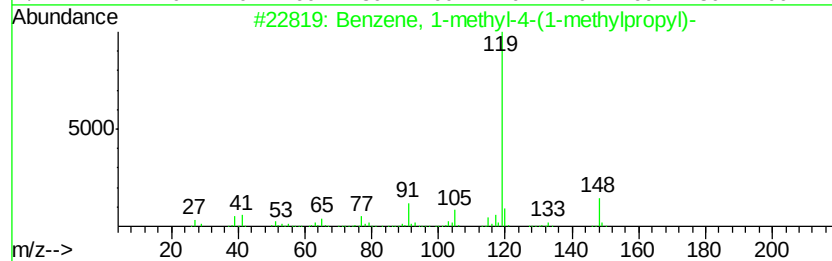
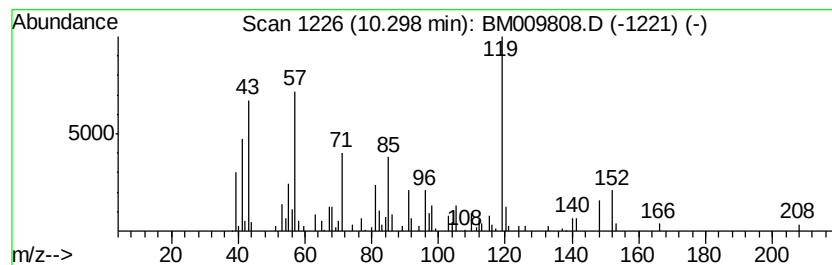
Instrument :
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ClientSampleId :
JHST2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-04 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.95 ng/ul	221240	Naphthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0 38
2		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 30
3		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 30
4		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 27
5		4'-Methylpropiophenone	148 C10H12O	005337-93-9 27



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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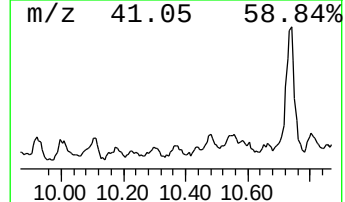
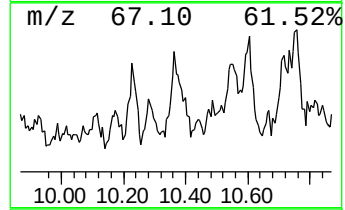
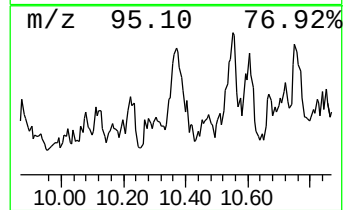
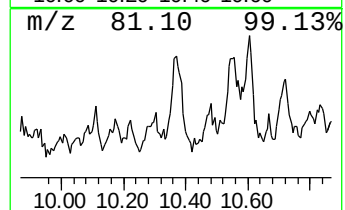
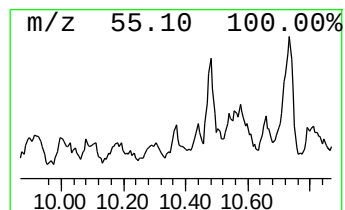
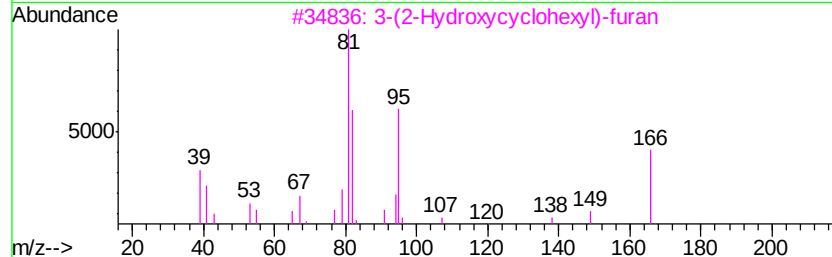
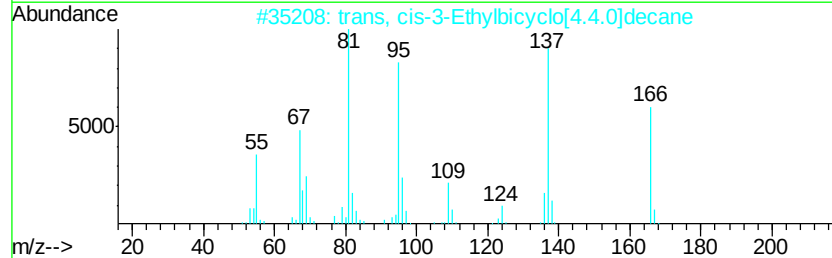
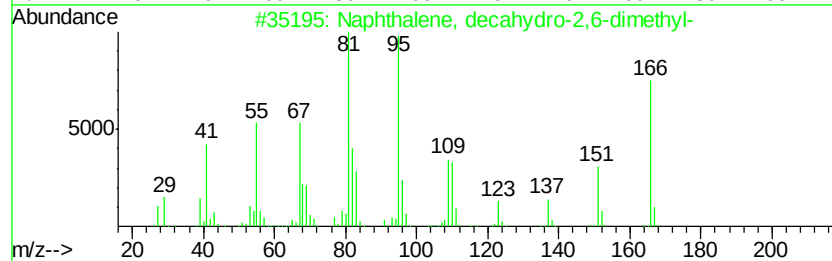
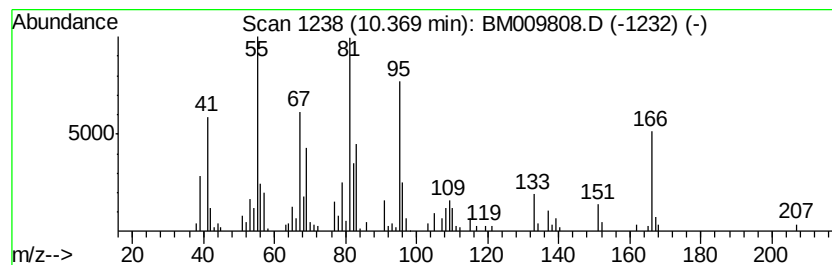
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, decahydro-2,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	4.34 ng/ul	324981	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	72
2		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	62
3		3-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	118959-04-9	49
4		trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	46
5		Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	45



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
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Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

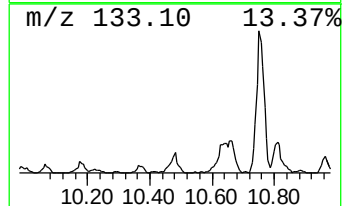
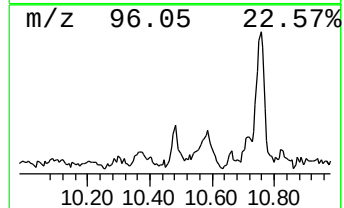
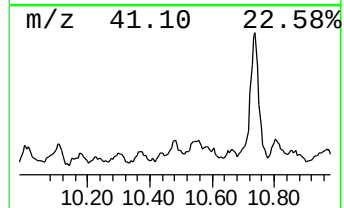
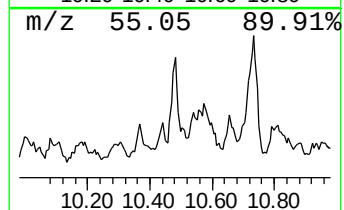
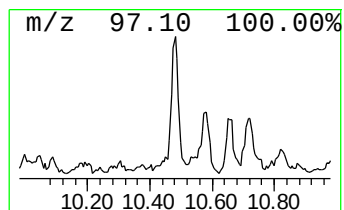
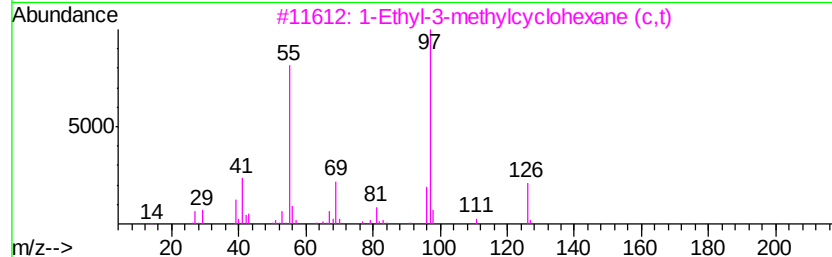
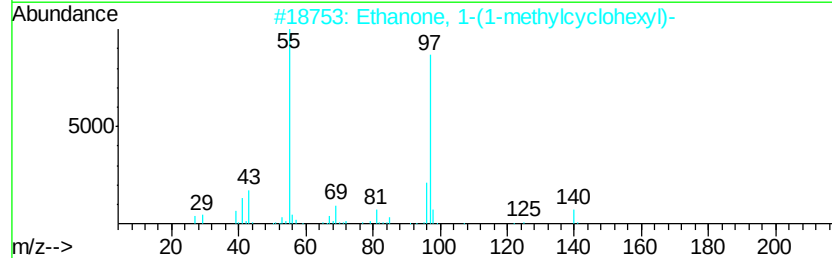
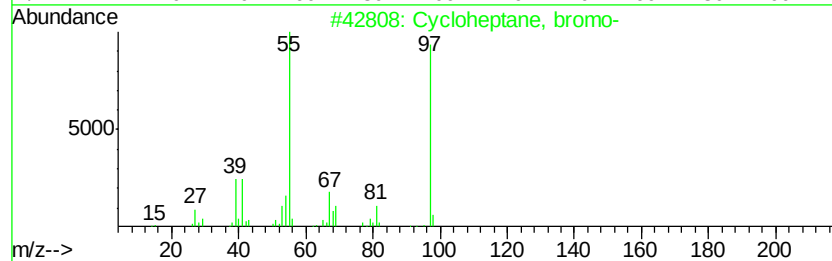
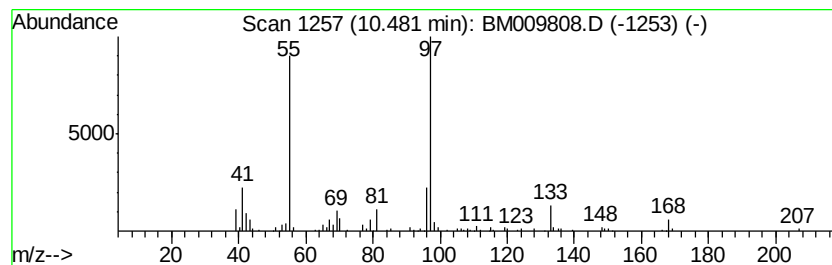
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Cycloheptane, bromo- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	3.51 ng/ul	262878	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloheptane, bromo-	176 C7H13Br	002404-35-5 53
2		Ethanone, 1-(1-methylcyclohexyl)-	140 C9H16O	002890-62-2 50
3		1-Ethyl-3-methylcyclohexane (c,t)	126 C9H18	003728-55-0 50
4		cis-1-Ethyl-3-methyl-cyclohexane	126 C9H18	019489-10-2 50
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	004926-78-7 45



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
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Operator : SJ/MA
Sample : I2849-07
Misc :
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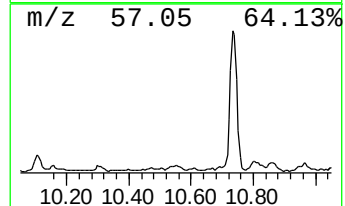
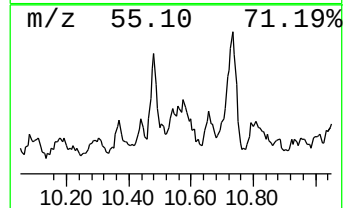
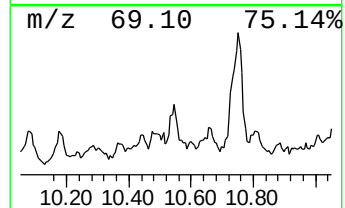
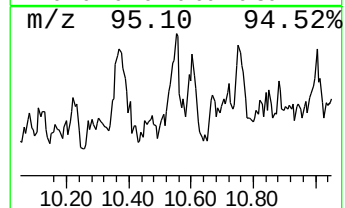
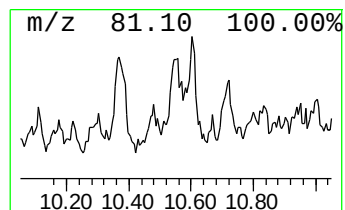
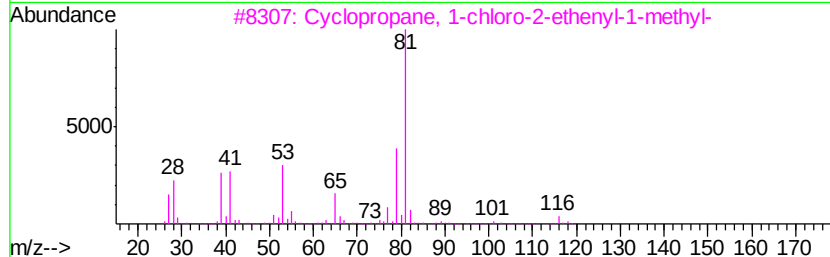
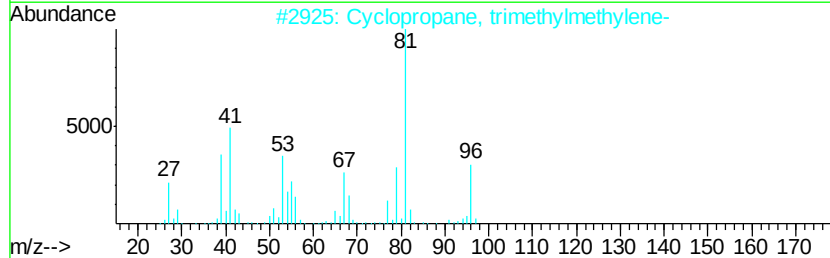
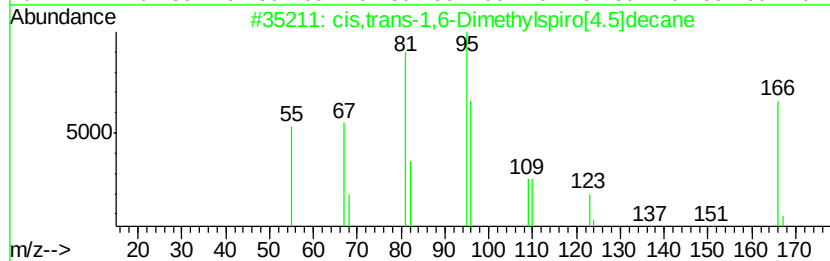
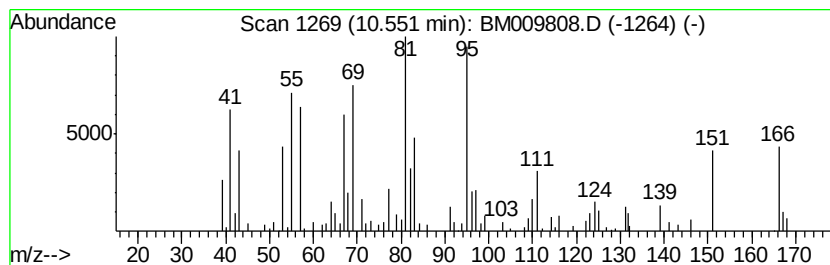
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	4.88 ng/ul	365819	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis,trans-1,6-Dimethylspiro[4.5]...	166 C12H22	1000111-72-3 41
2		Cyclopropane, trimethylmethylene-	96 C7H12	034462-28-7 35
3		Cyclopropane, 1-chloro-2-ethenyl...	116 C6H9Cl	062337-93-3 27
4		6-Methyl-2-heptyne	110 C8H14	051065-64-6 27
5		cis,cis- and cis,trans-1,9-dimet...	166 C12H22	1000111-72-5 25



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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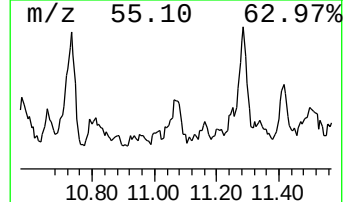
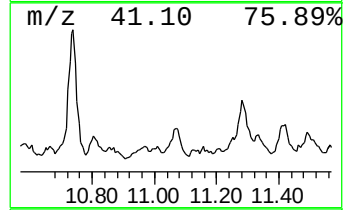
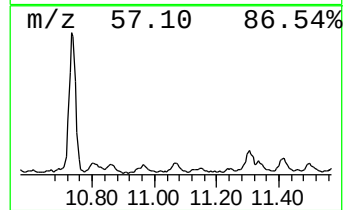
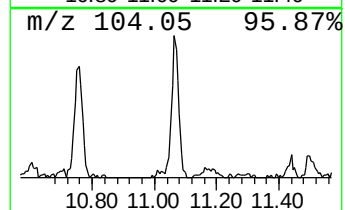
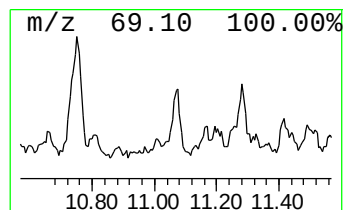
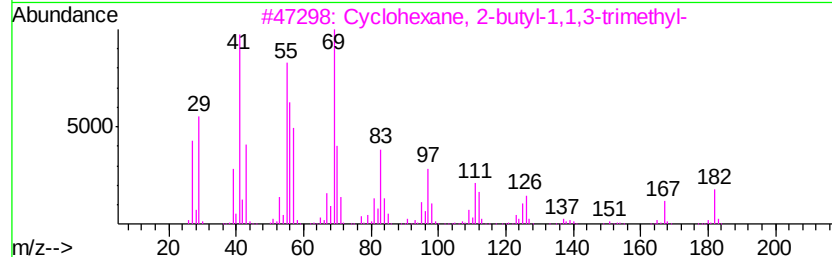
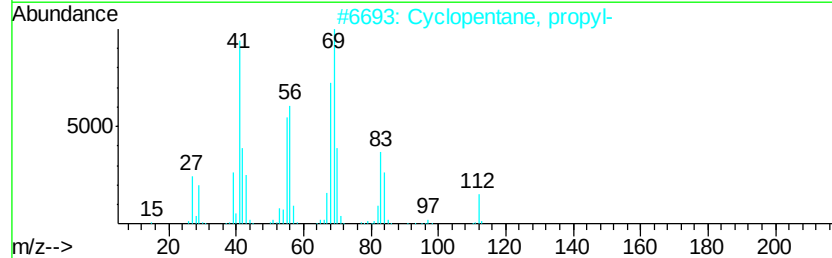
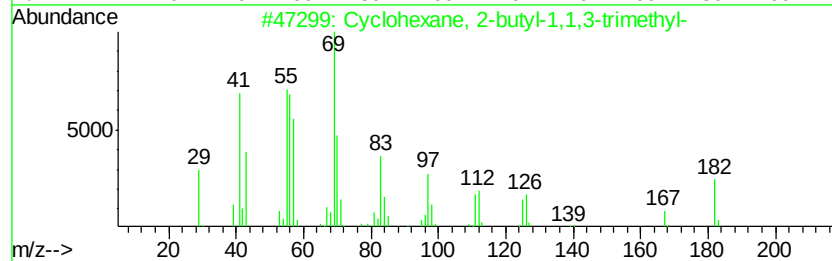
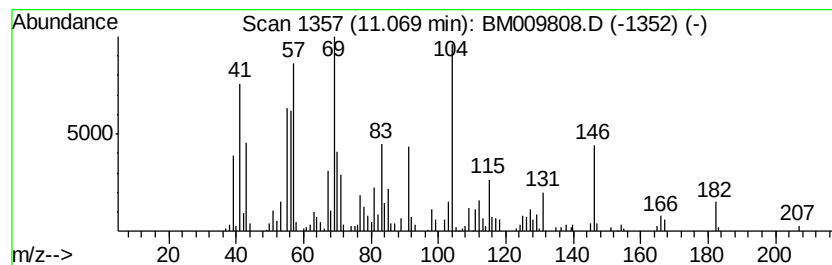
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic11.07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	7.51 ng/ul	562291	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	50
2		Cyclopentane, propyl-	112	C8H16	002040-96-2	43
3		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	43
4		3-Tridecene, (Z)-	182	C13H26	041446-53-1	38
5		3-Tridecene, (E)-	182	C13H26	041446-57-5	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampled :
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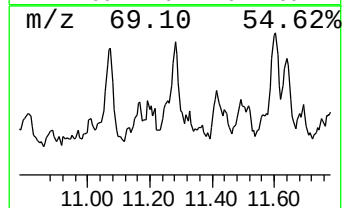
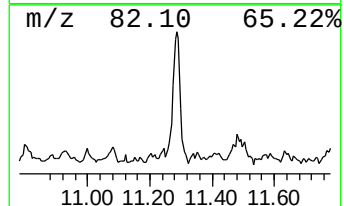
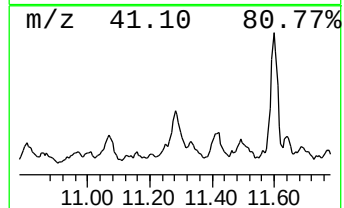
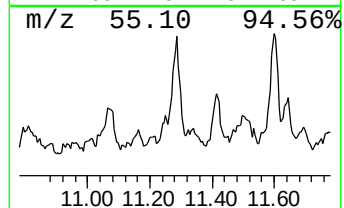
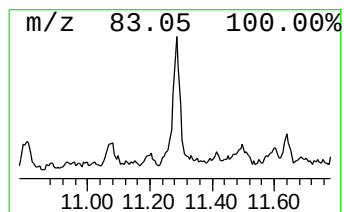
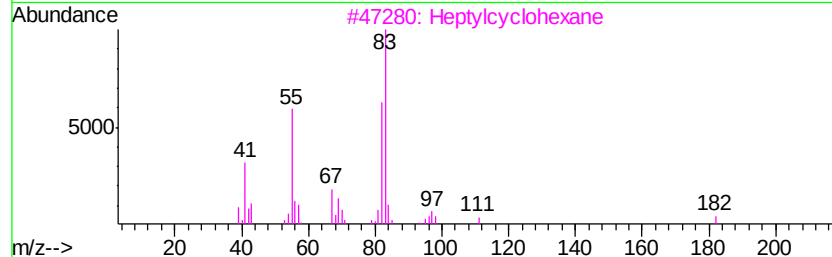
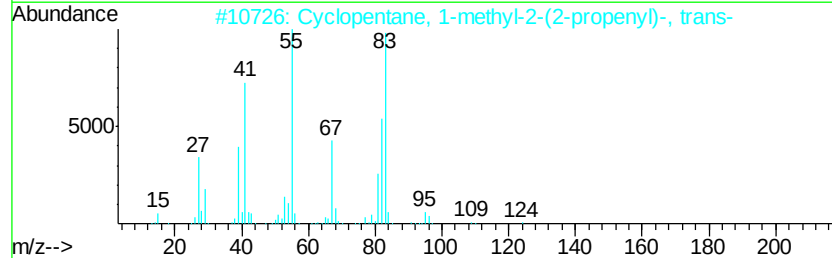
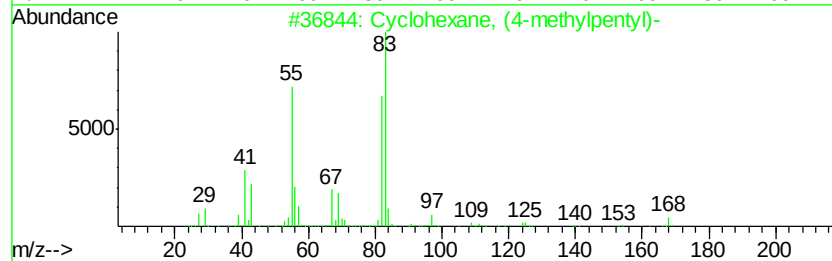
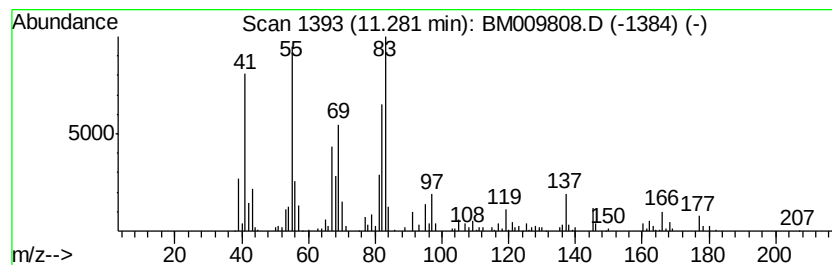
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Cyclic11.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	13.32 ng/ul	997951	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
2		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
3		Heptylcyclohexane	182	C13H26	005617-41-4	49
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	47



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
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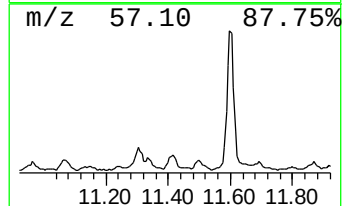
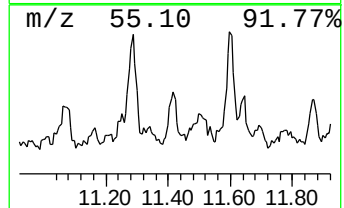
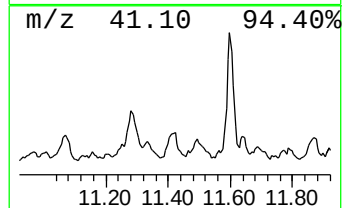
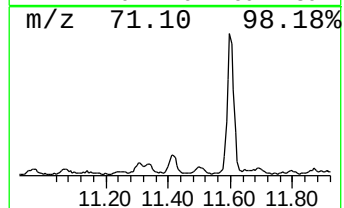
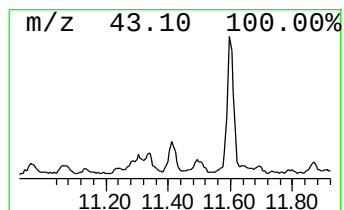
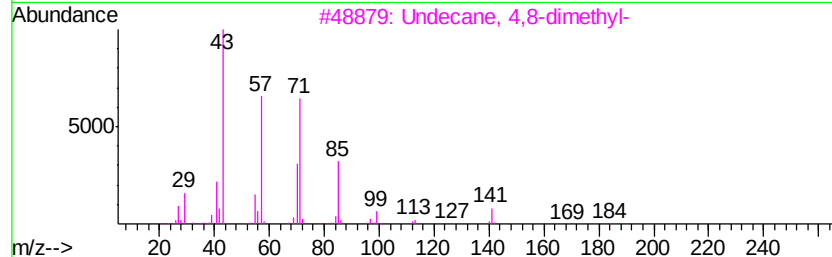
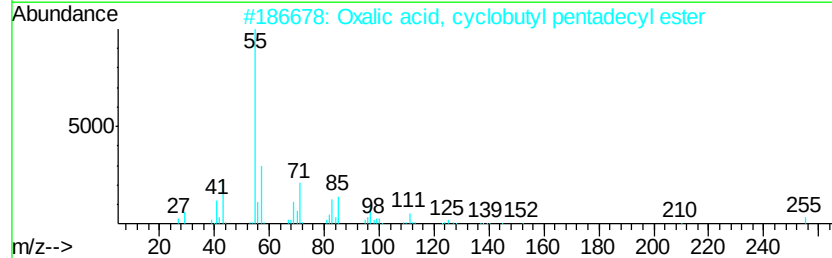
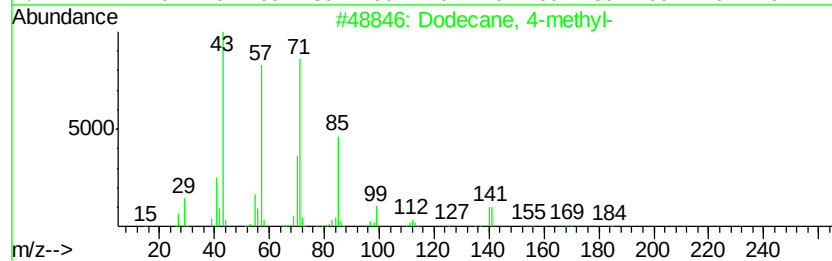
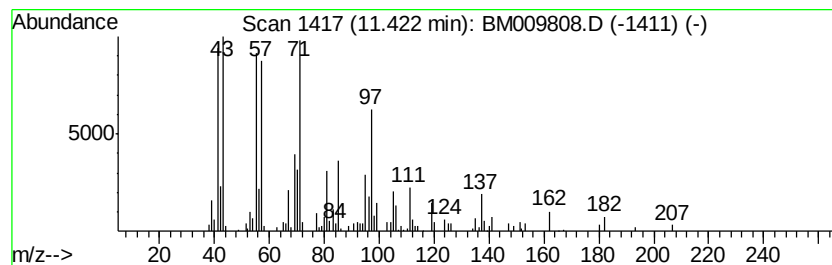
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	5.47 ng/ul	410054	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	52
2		Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	50
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	47
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	43
5		Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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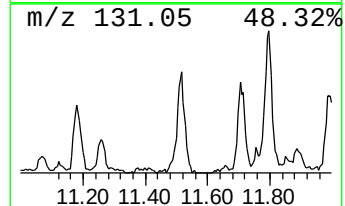
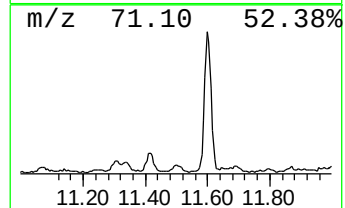
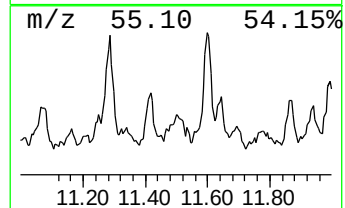
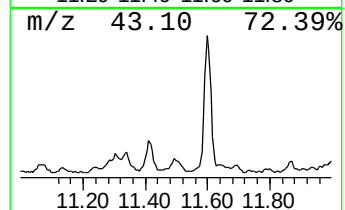
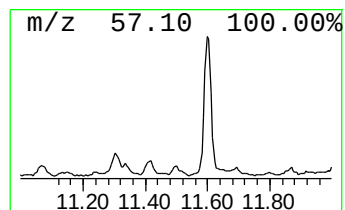
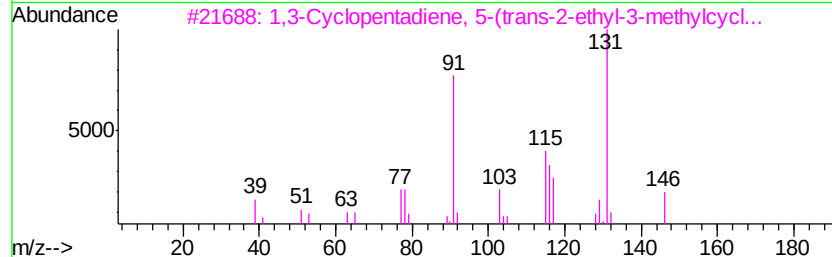
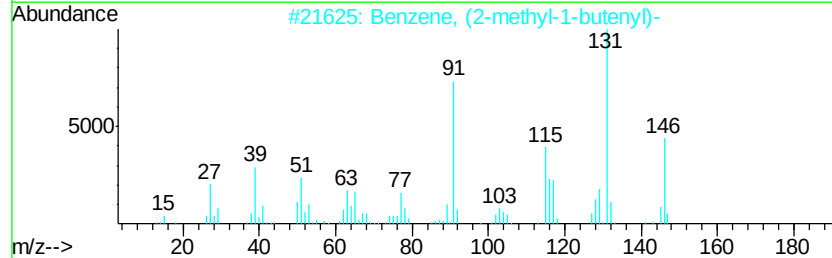
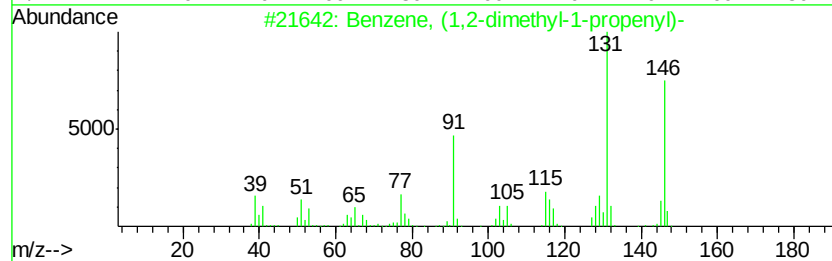
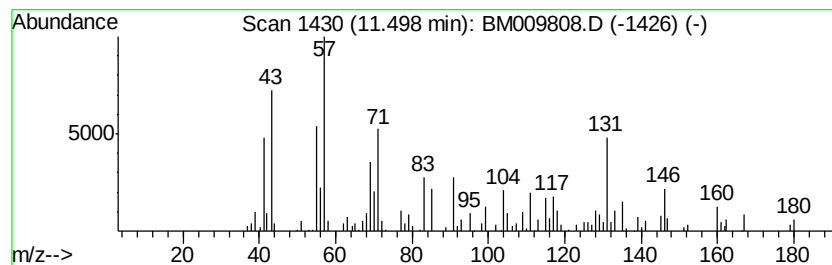
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	5.84 ng/ul	437209	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
3		1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	60
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST2

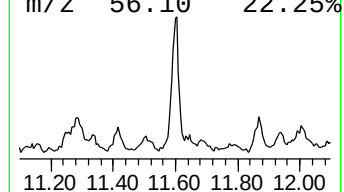
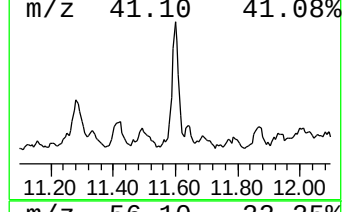
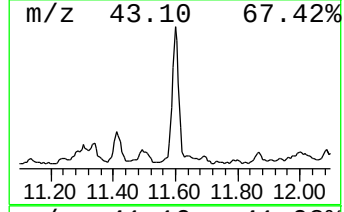
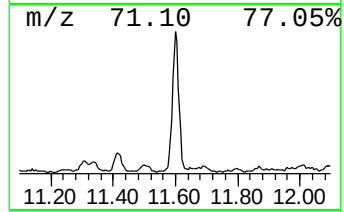
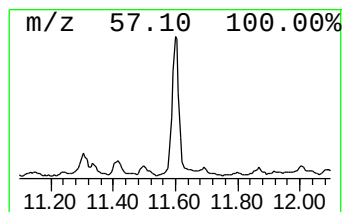
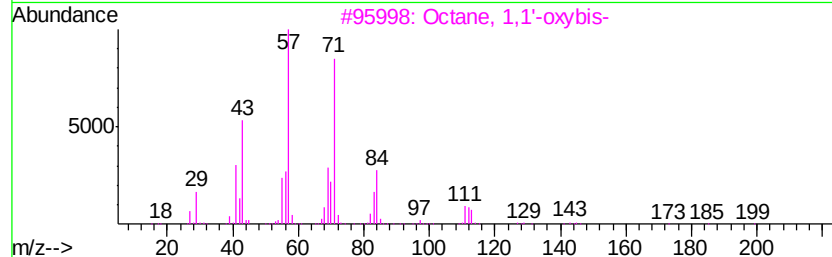
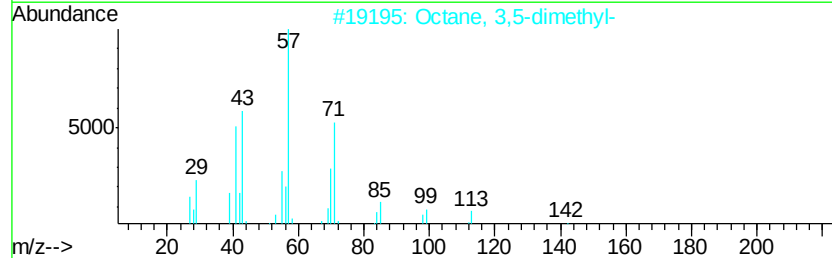
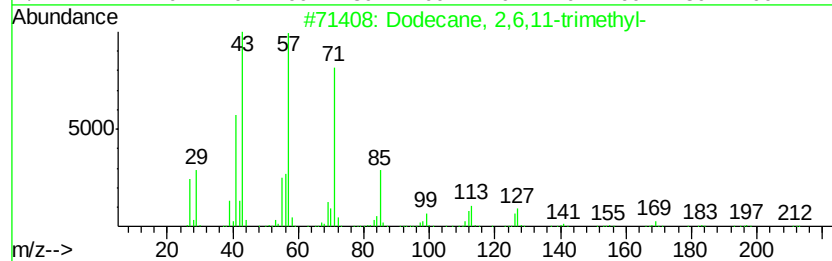
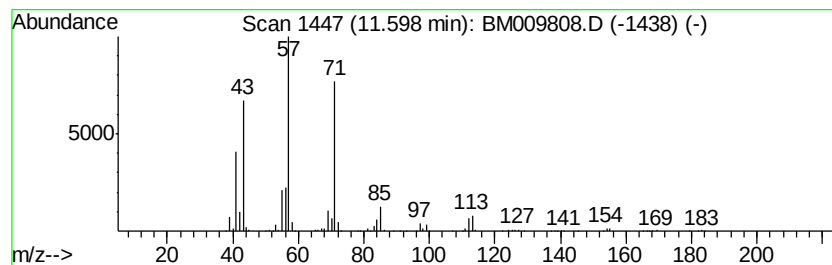
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	21.17 ng/ul	1585610	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	78
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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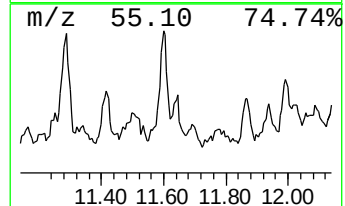
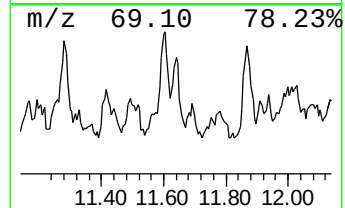
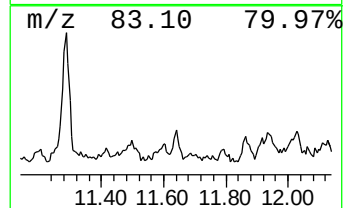
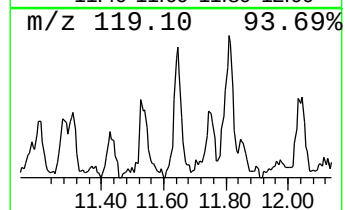
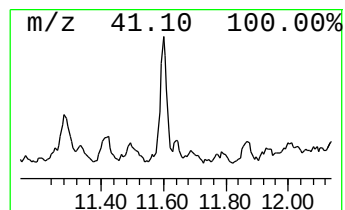
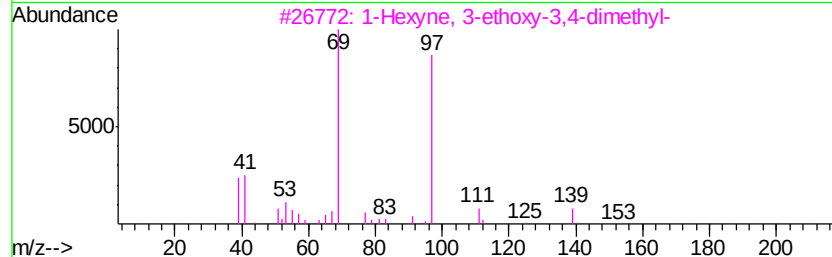
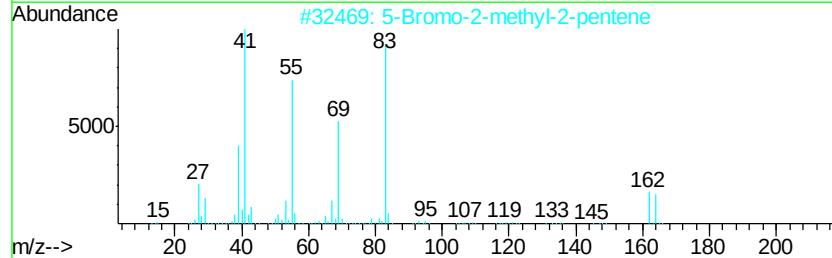
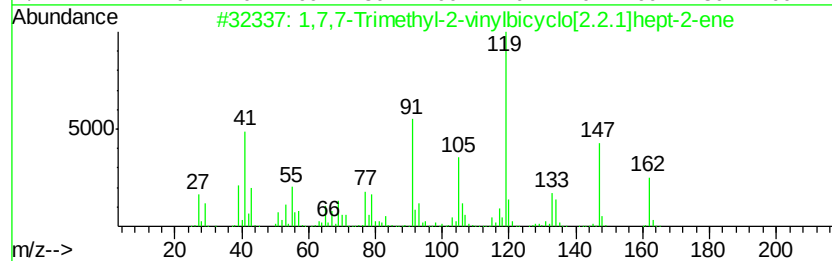
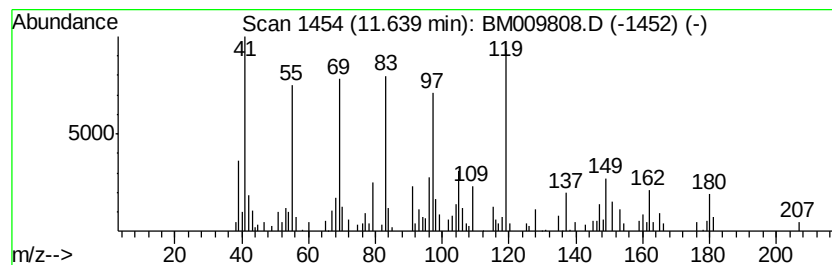
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-06 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.44 ng/ul	182986	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	15
2		5-Bromo-2-methyl-2-pentene	162	C6H11Br	002270-59-9	15
3		1-Hexyne, 3-ethoxy-3,4-dimethyl-	154	C10H18O	054244-91-6	14
4		6-Dodecanol	186	C12H26O	006836-38-0	14
5		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	14



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampled :
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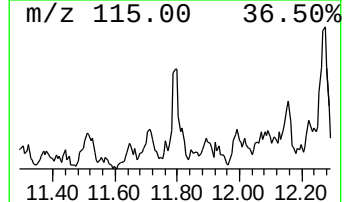
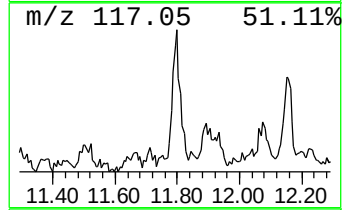
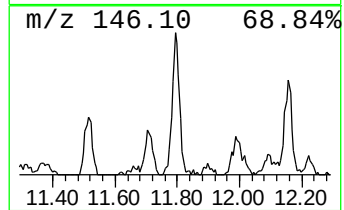
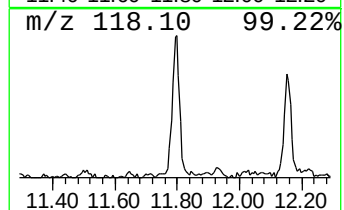
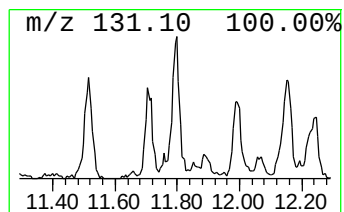
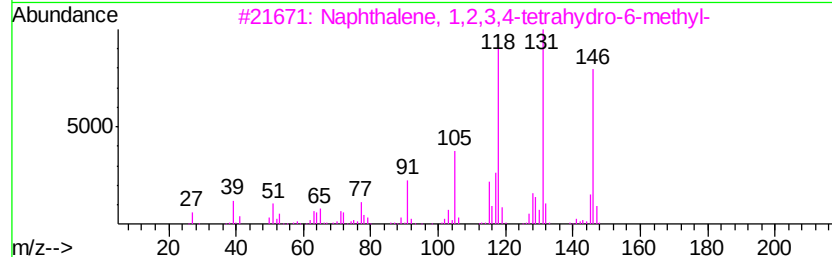
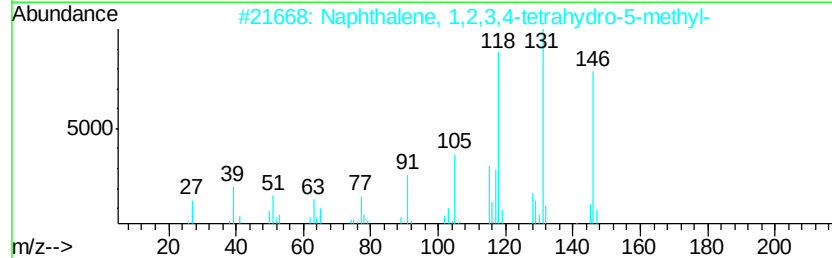
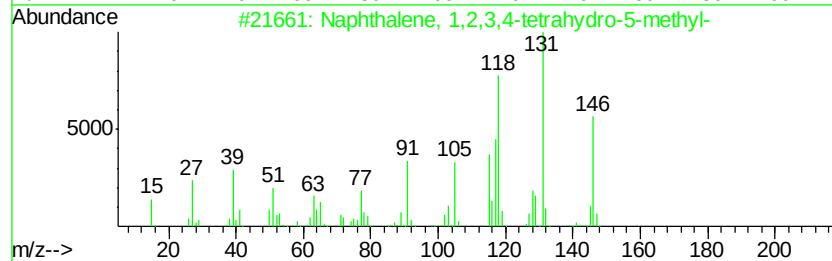
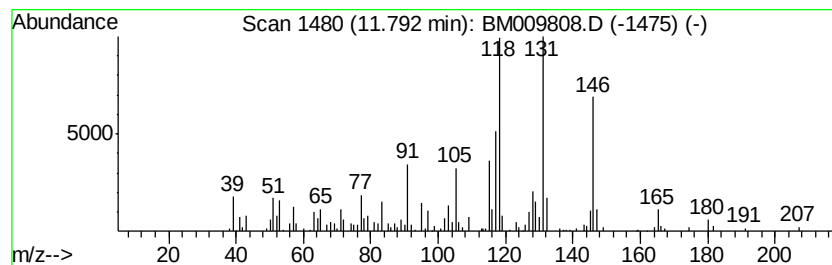
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.37 ng/ul	477208	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
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Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

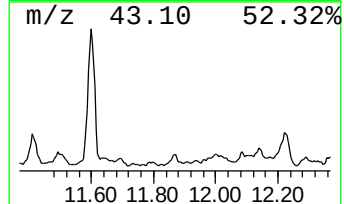
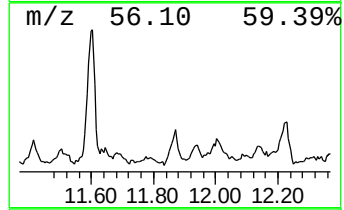
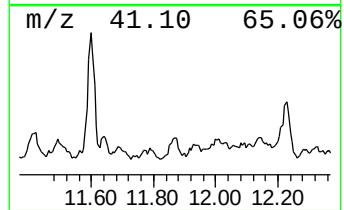
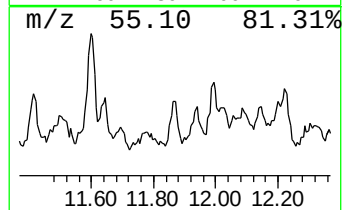
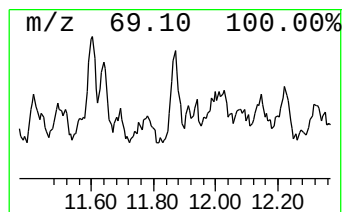
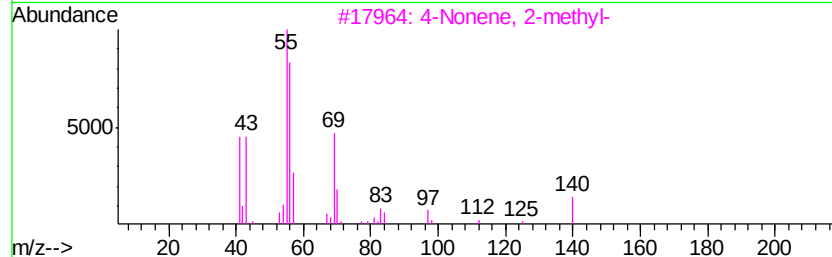
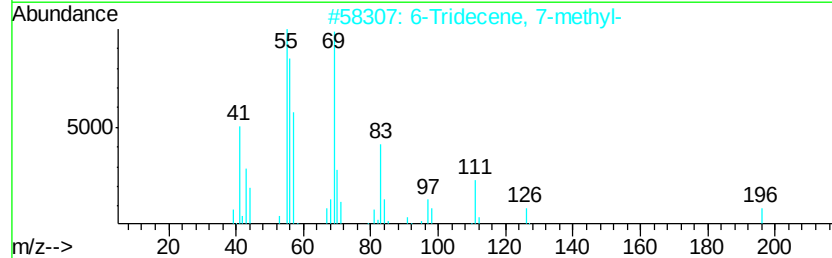
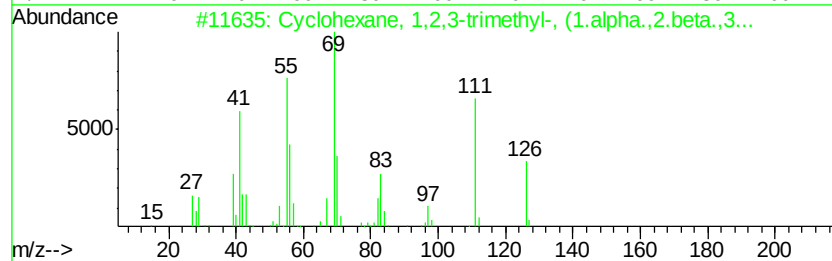
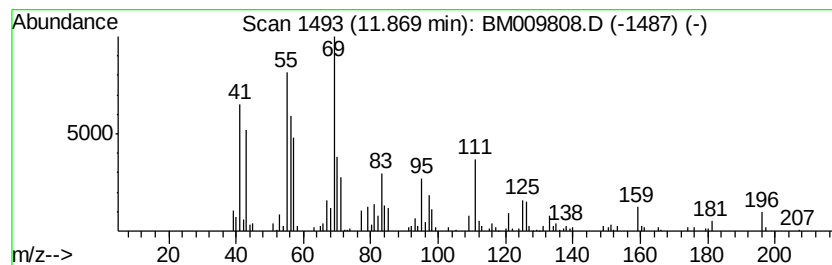
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Cyclic11.87 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.80 ng/ul	359572	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...)	126 C9H18	001678-81-5 76
2		6-Tridecene, 7-methyl-	196 C14H28	024949-42-6 64
3		4-Nonene, 2-methyl-	140 C10H20	055724-84-0 64
4		3-Tetradecene, (E)-	196 C14H28	041446-68-8 55
5		Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0 53



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST2

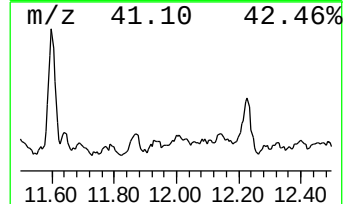
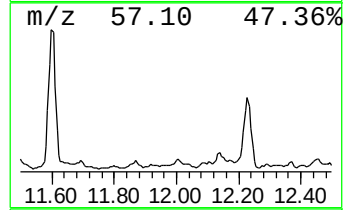
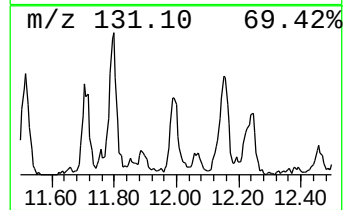
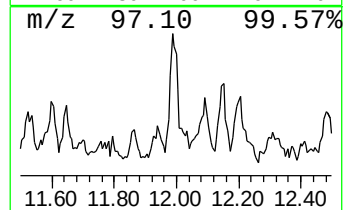
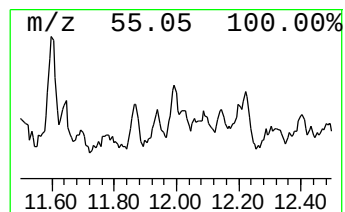
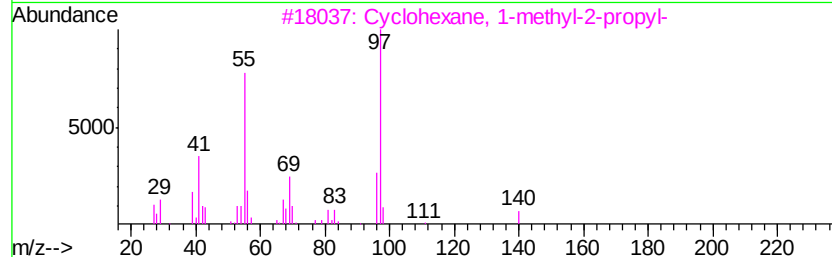
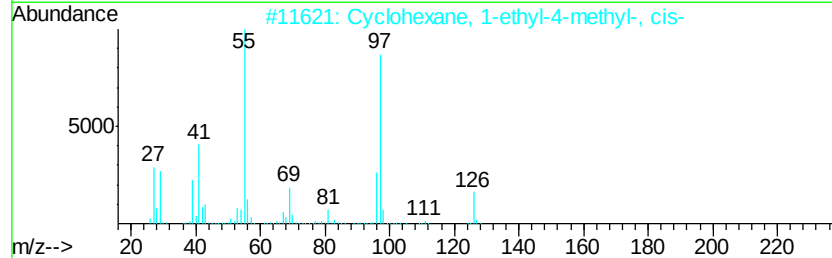
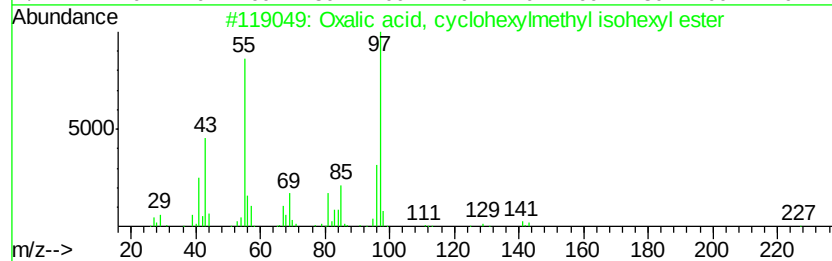
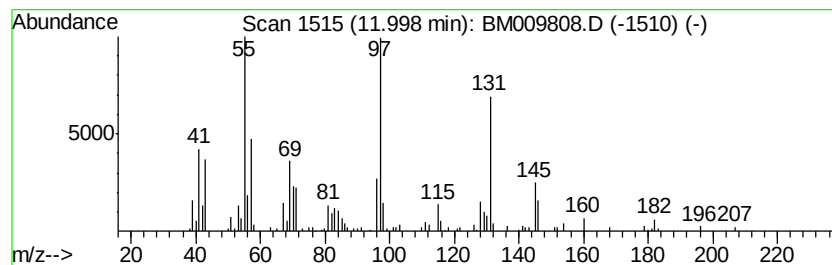
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	5.31 ng/ul	397881	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	38
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	35
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	35
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	35



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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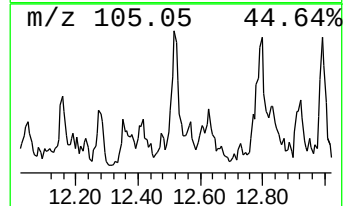
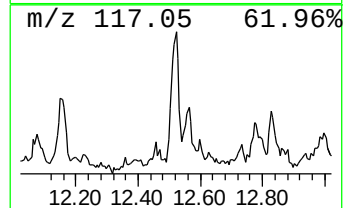
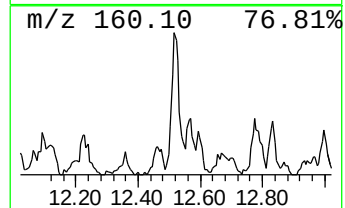
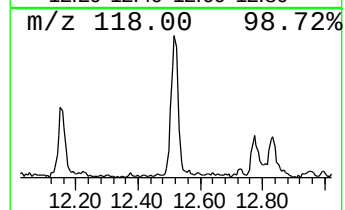
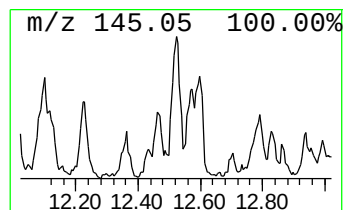
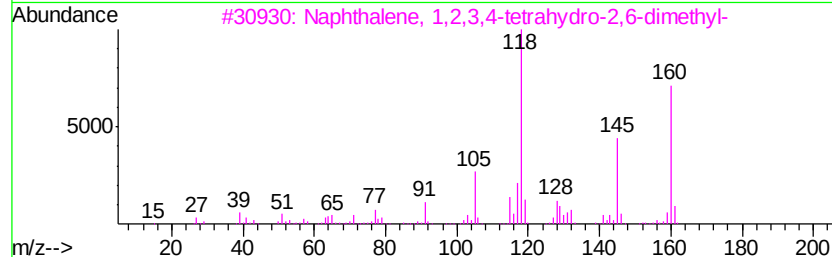
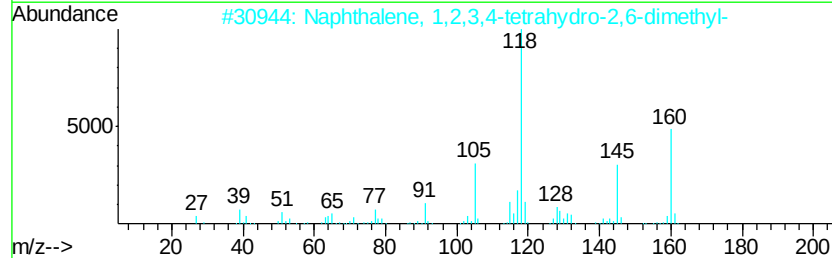
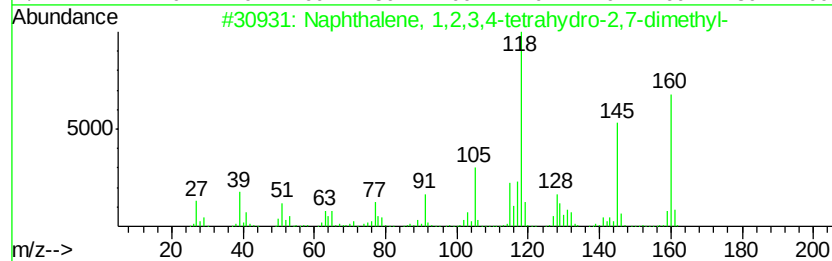
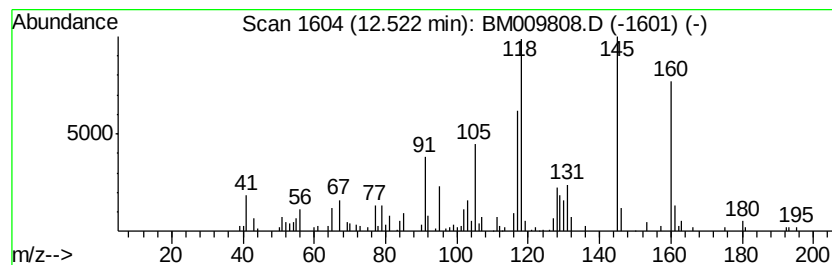
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Naphthalene, 1,2,3,4-tetra... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.01 ng/ul	300751	Naphthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	52
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	50
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50
5		Diboroxide, trimethylphenyl-	160	C9H14B2O	1000162-60-0	47



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST2

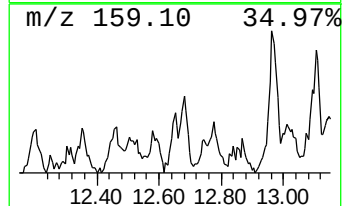
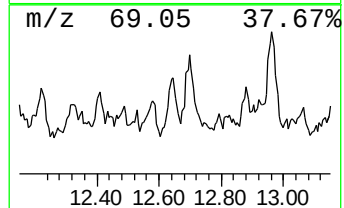
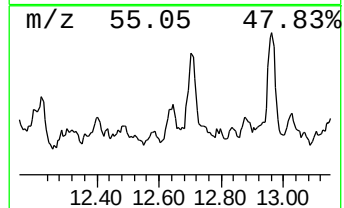
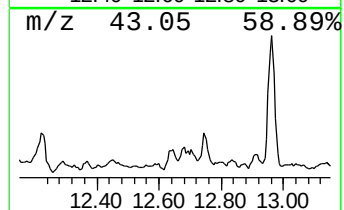
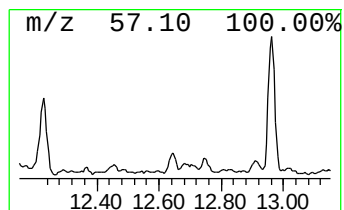
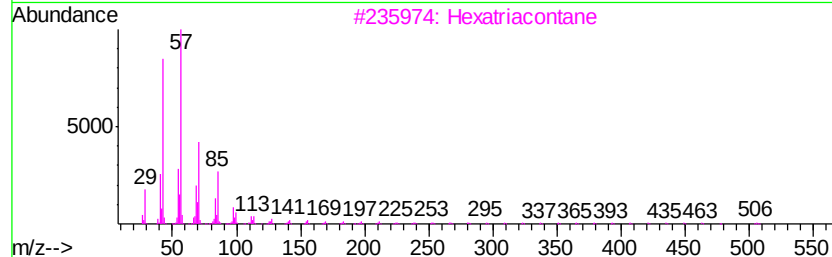
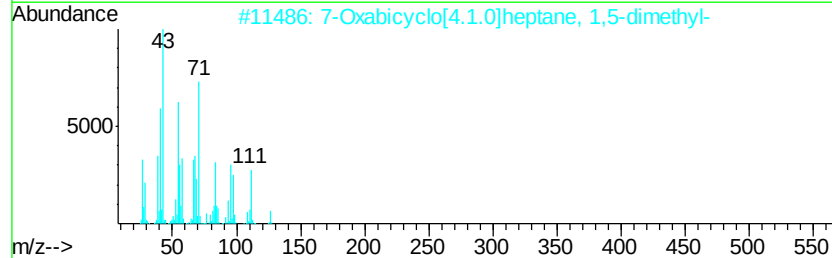
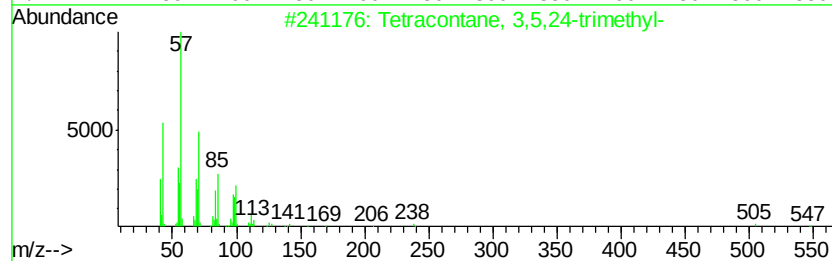
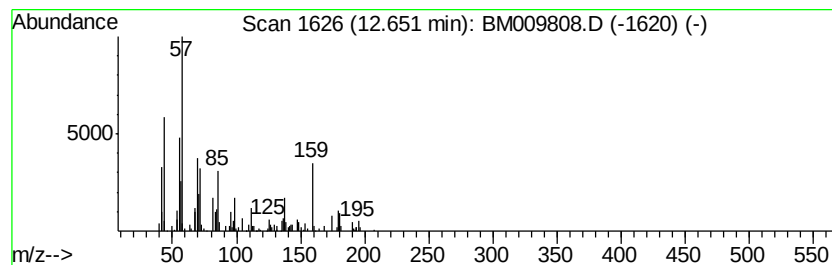
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.26 ng/ul	341078	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	43
2		7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	38
3		Hexatriacontane	507	C36H74	000630-06-8	27
4		Tridecane	184	C13H28	000629-50-5	22
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	22



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST2

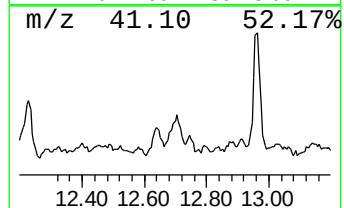
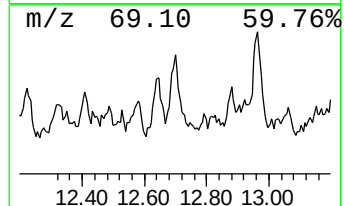
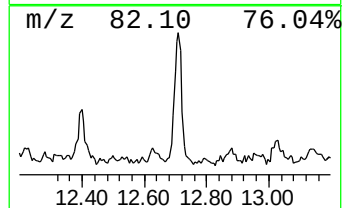
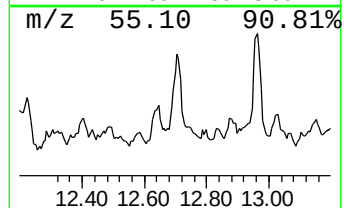
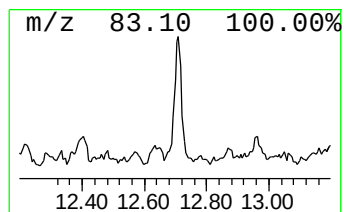
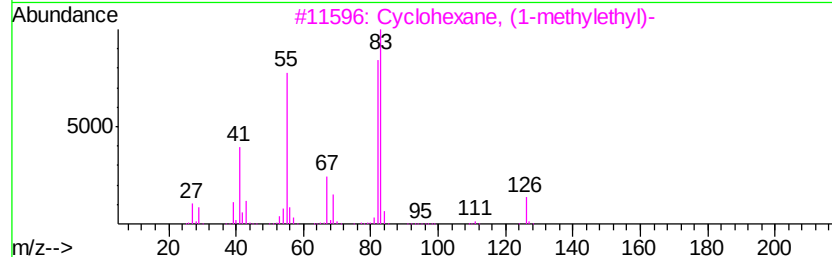
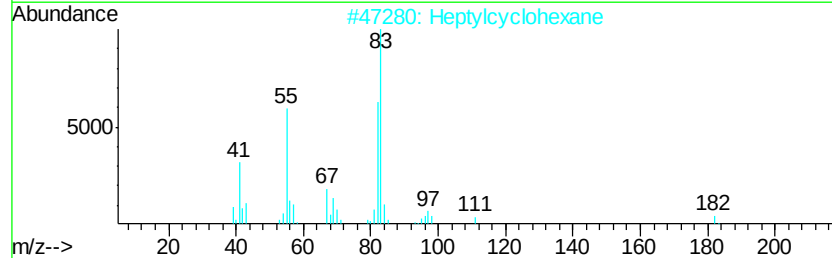
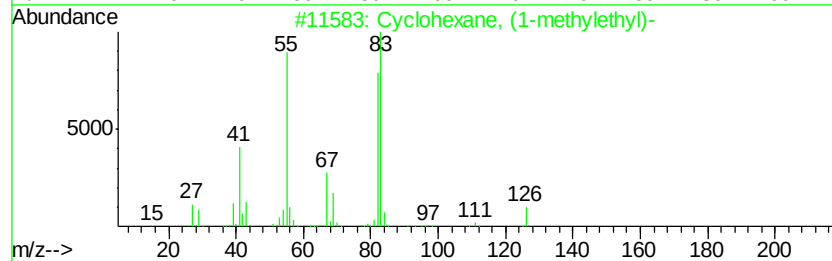
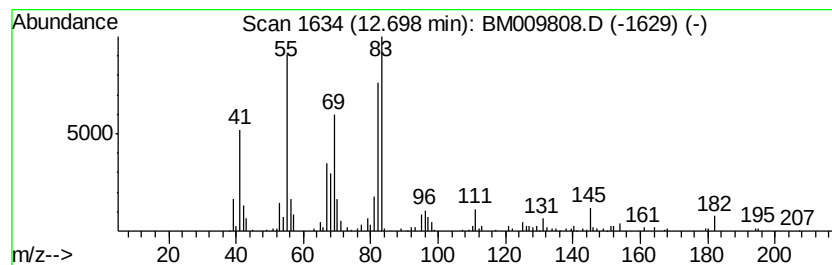
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Cyclic12.70 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	4.63 ng/ul	484616	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2		Heptylcyclohexane	182	C13H26	005617-41-4	64
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JHST2

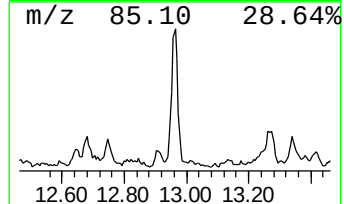
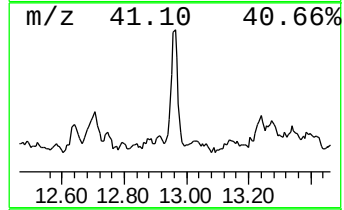
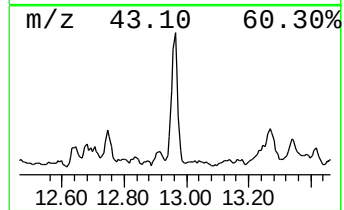
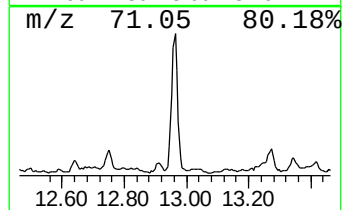
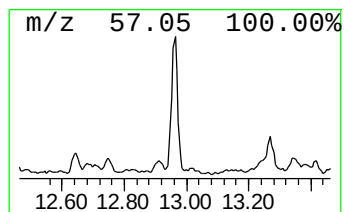
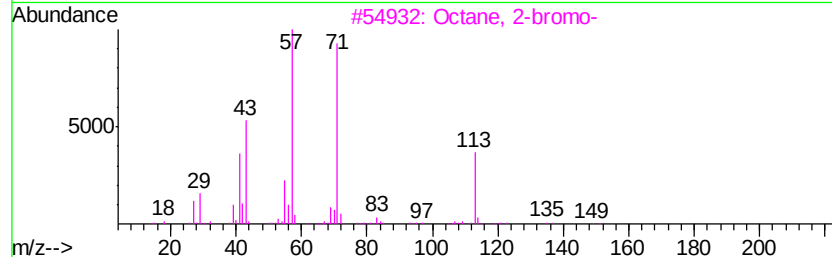
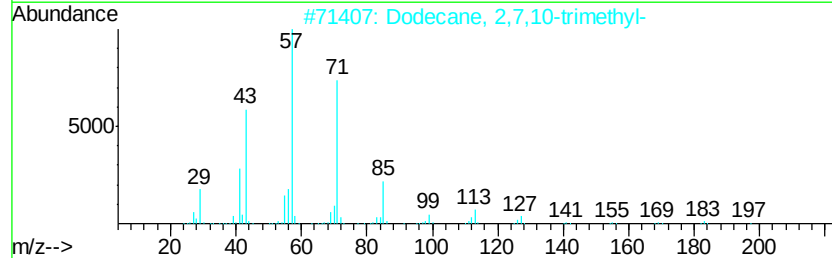
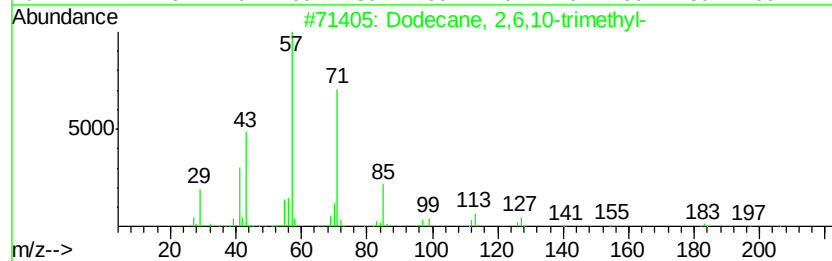
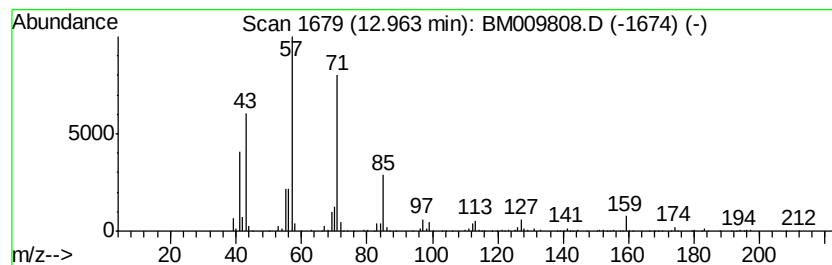
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	13.57 ng/ul	1420590	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5		2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
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Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

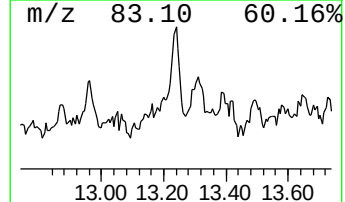
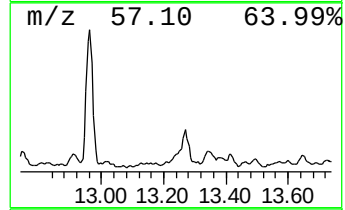
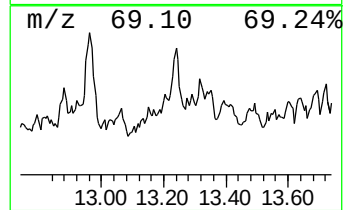
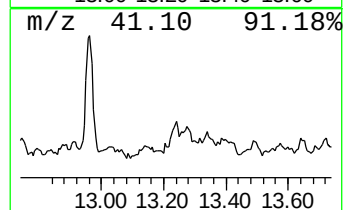
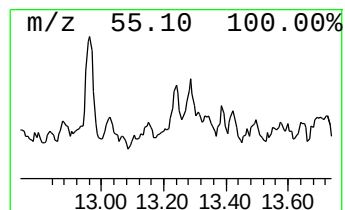
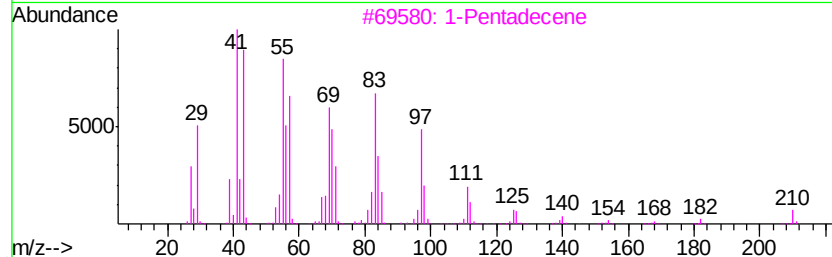
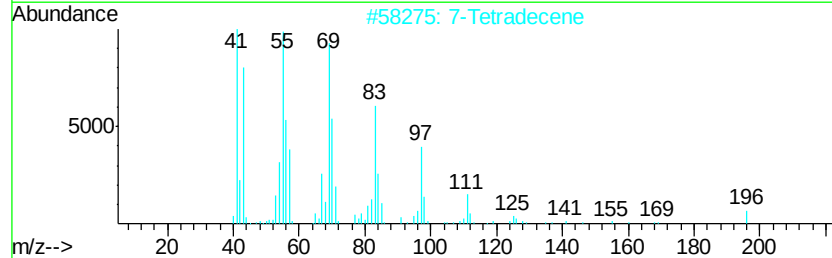
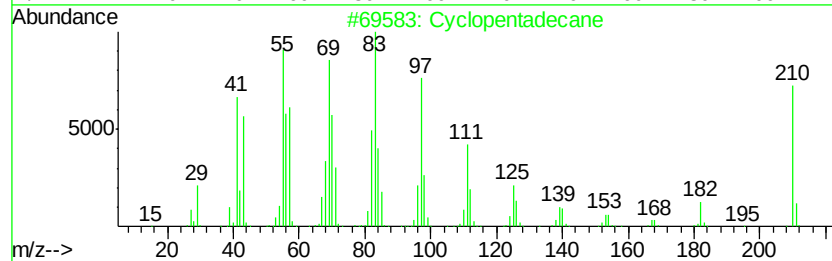
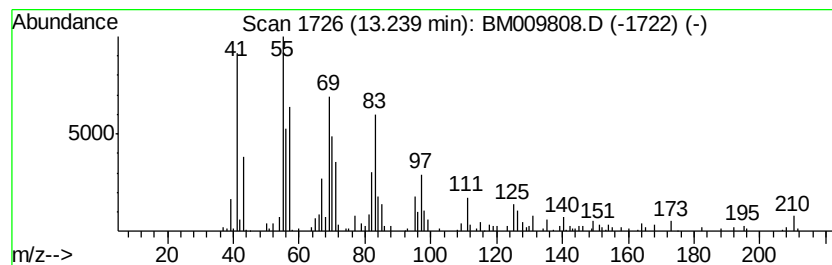
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Cyclic13.24 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.24	2.76 ng/ul	289298	Acenaphthene-d10		14.46		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	93
2			7-Tetradecene	196	C14H28	010374-74-0	90
3			1-Pentadecene	210	C15H30	013360-61-7	76
4			Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	76
5			1-Pentadecene	210	C15H30	013360-61-7	68



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
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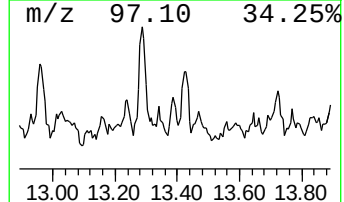
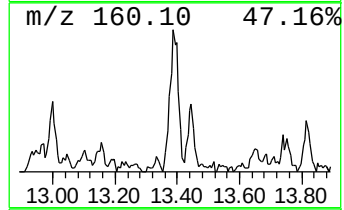
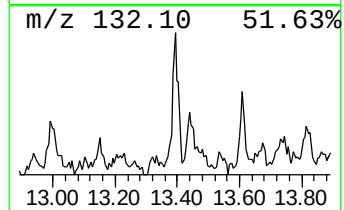
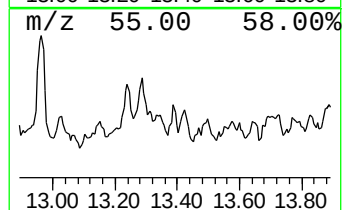
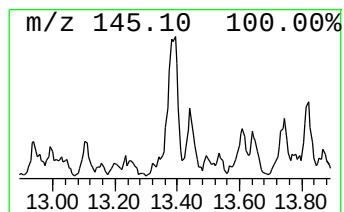
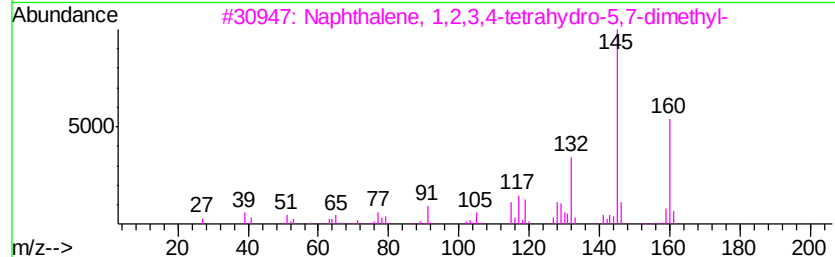
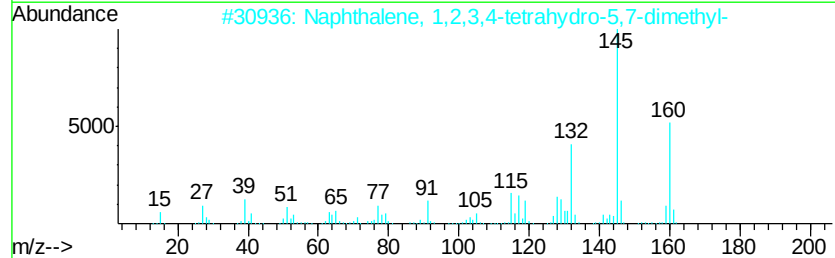
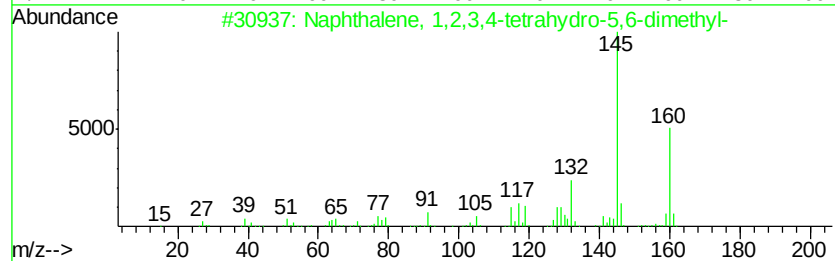
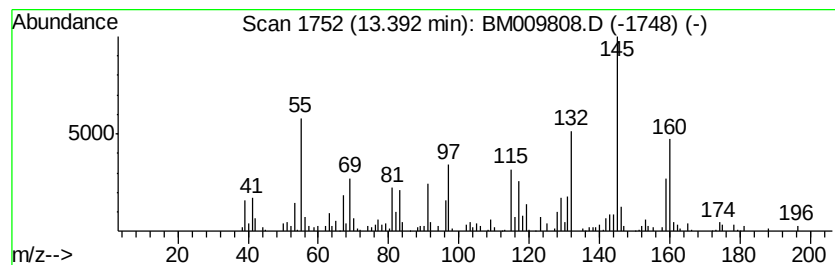
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.25 ng/ul	444515	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	70
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	64
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	58
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	58



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
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Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
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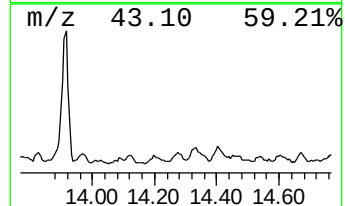
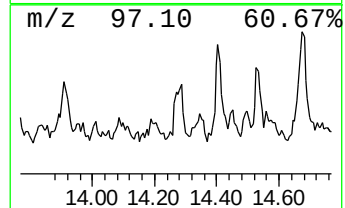
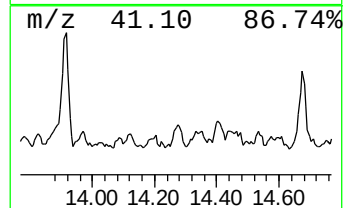
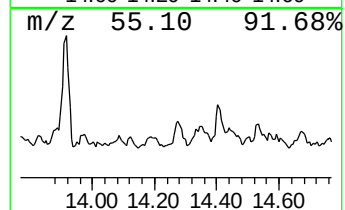
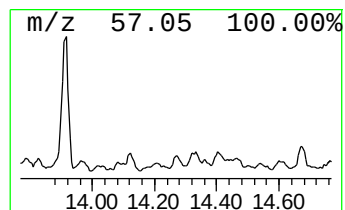
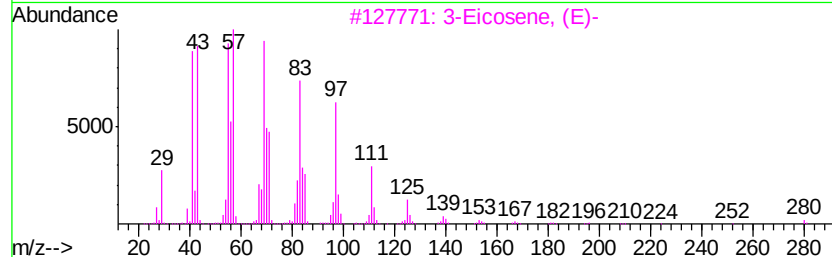
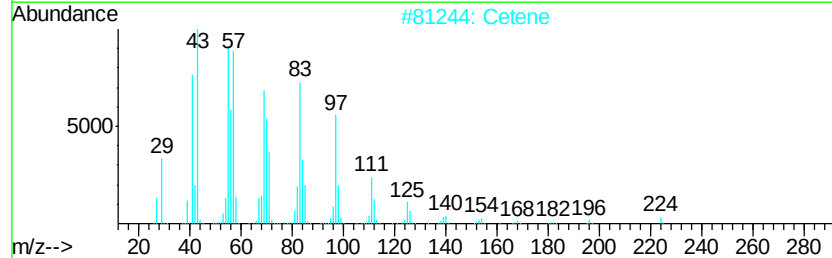
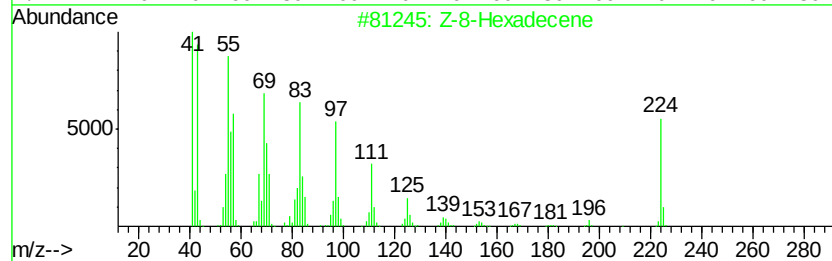
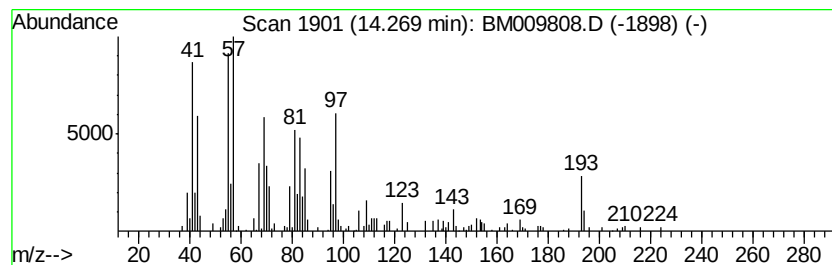
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.27	2.50 ng/ul	262225	Acenaphthene-d10	14.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	78
2	Cetene	224	C16H32	000629-73-2	51
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	49
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	43
5	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Misc :
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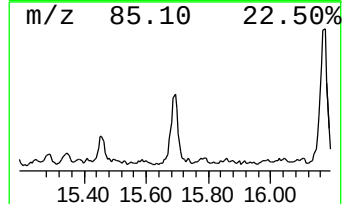
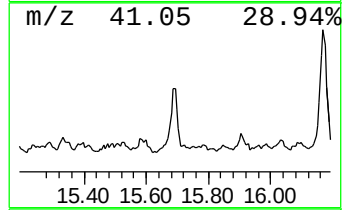
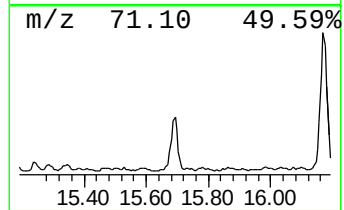
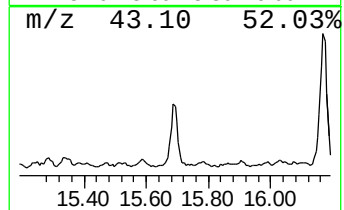
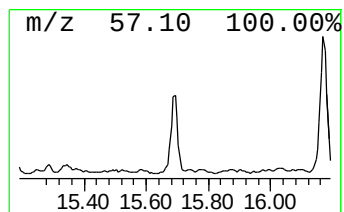
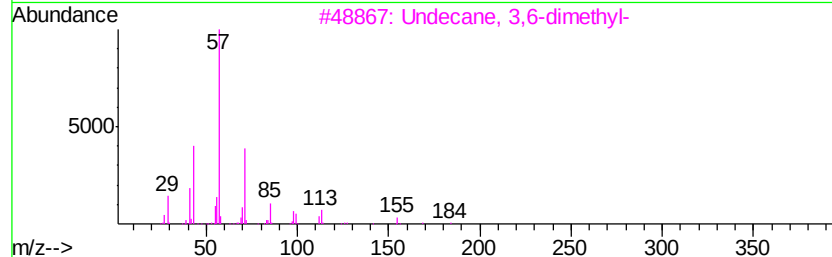
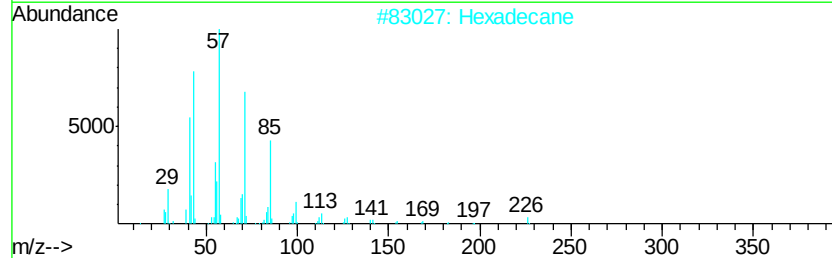
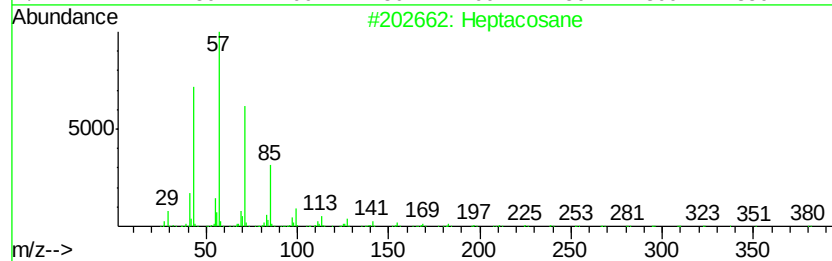
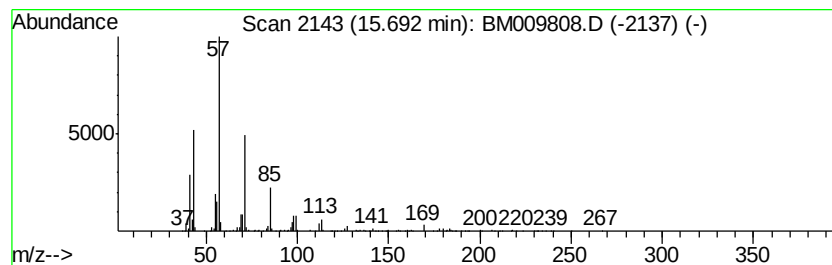
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	14.98 ng/ul	1568140	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Hexadecane	226	C16H34	000544-76-3	72
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	62



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
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Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JHST2

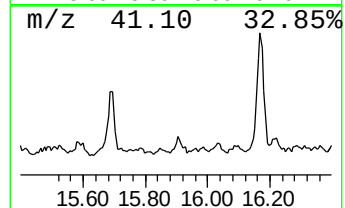
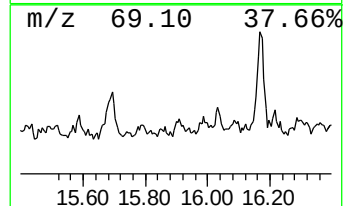
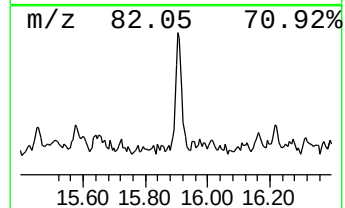
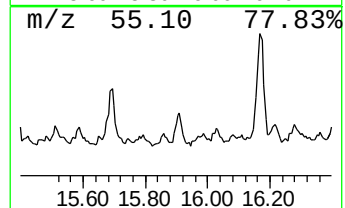
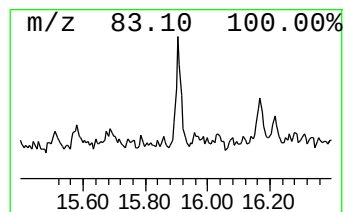
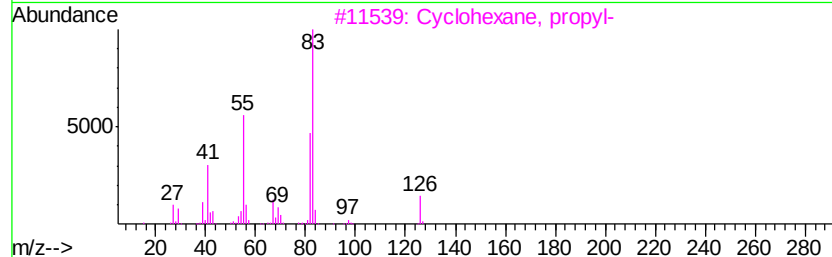
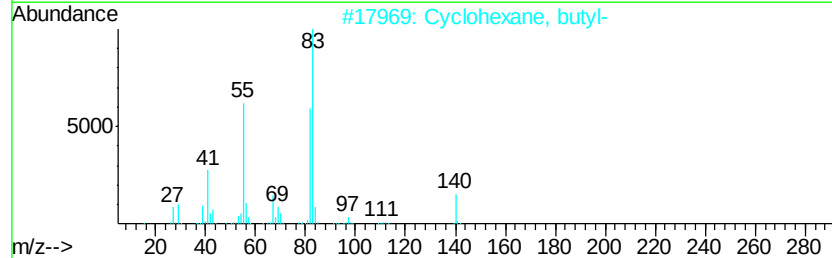
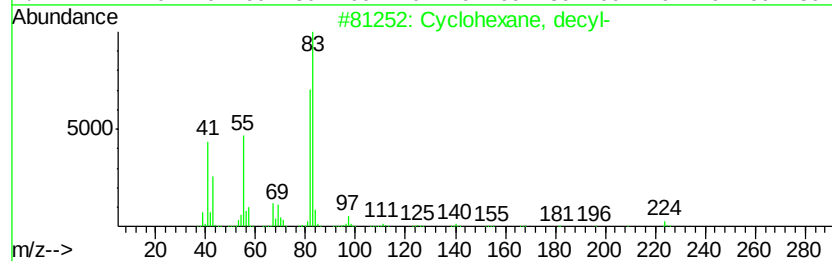
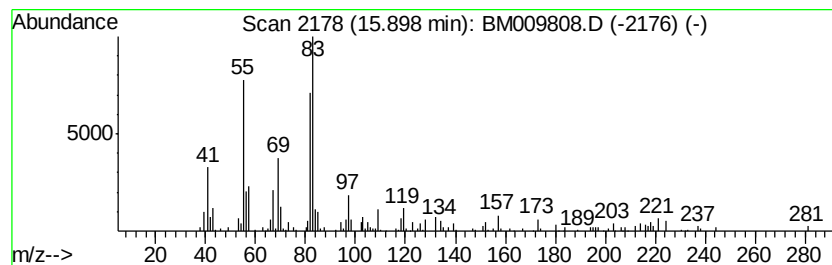
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Cyclic15.90 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.30 ng/ul	262152	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, decyl-	224	C16H32	001795-16-0	87
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST2

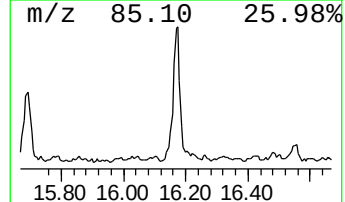
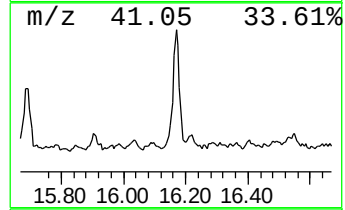
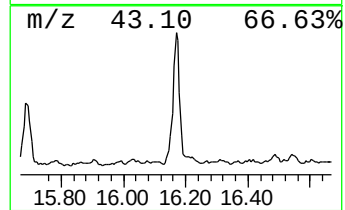
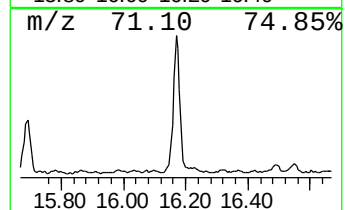
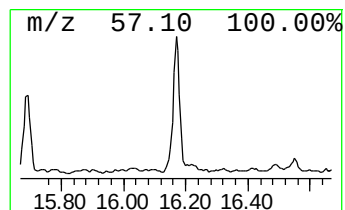
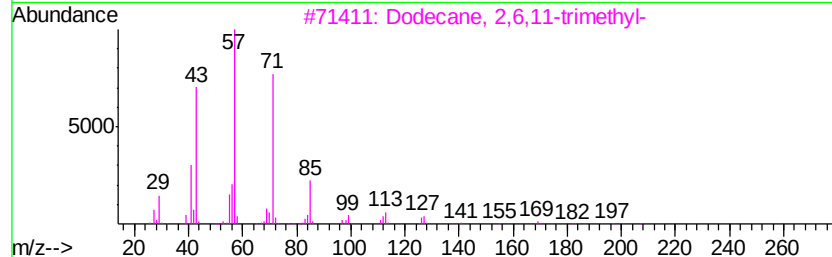
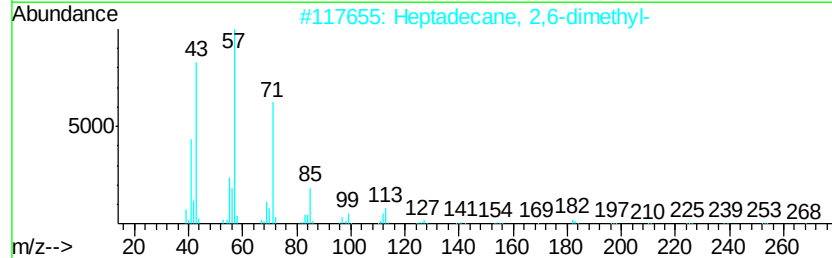
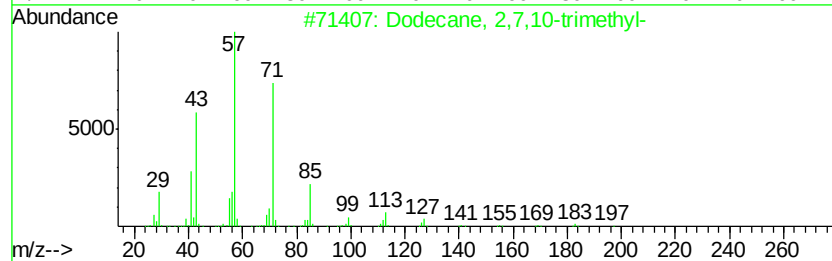
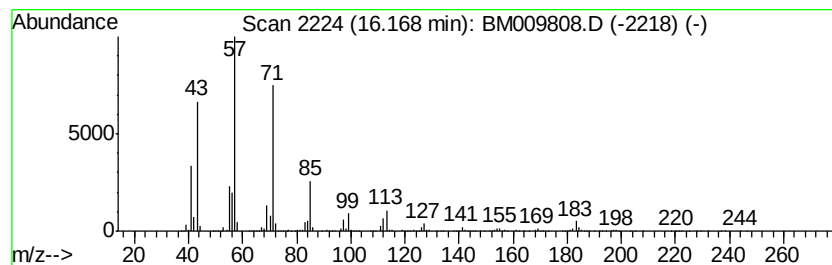
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	23.26 ng/ul	2652060	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST2

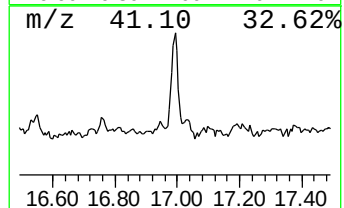
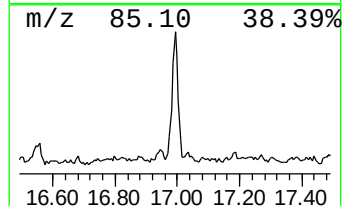
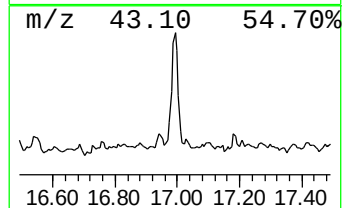
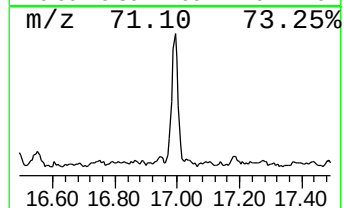
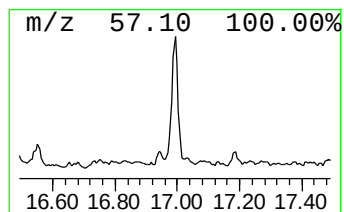
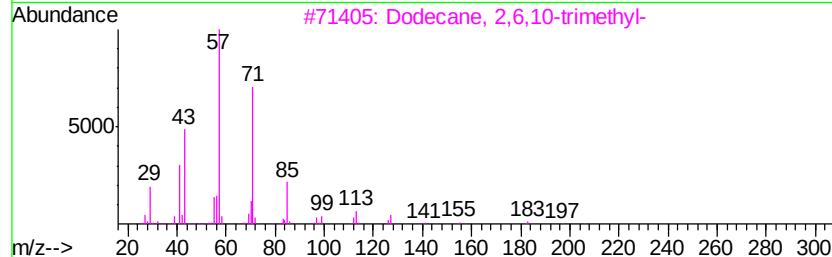
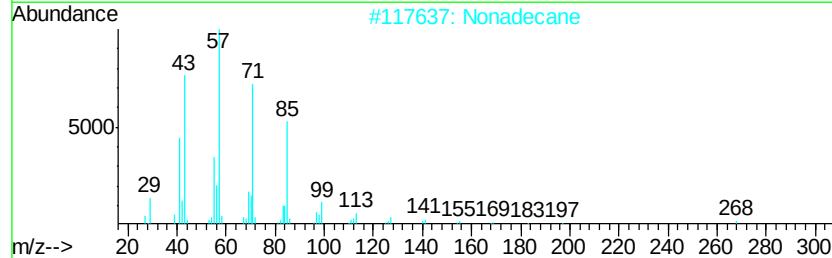
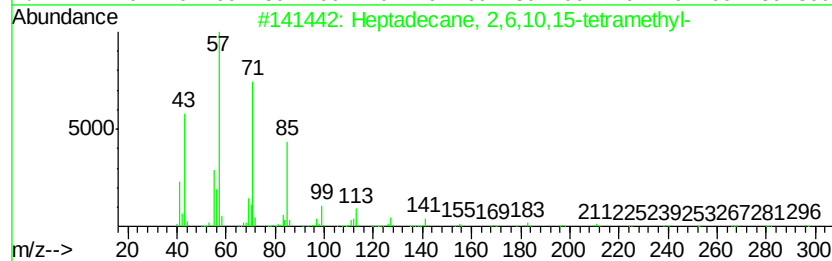
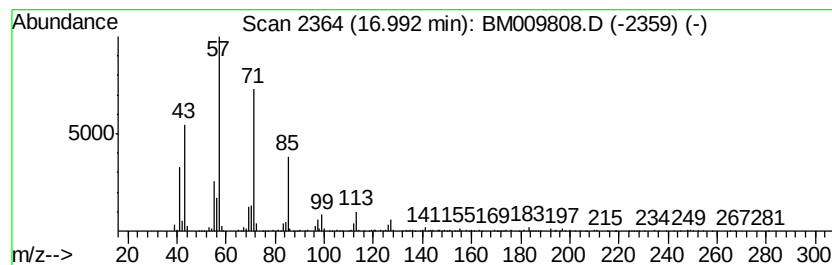
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	12.09 ng/ul	1378890	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Nonadecane	268	C19H40	000629-92-5	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
Data File : BM009808.D
Acq On : 30 Apr 2017 12:59
Operator : SJ/MA
Sample : I2849-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

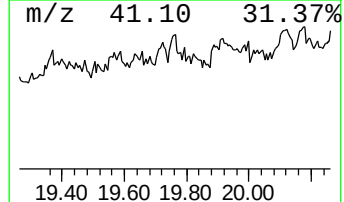
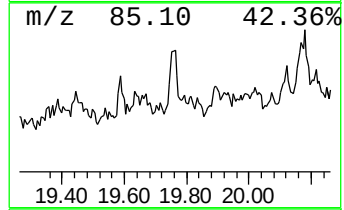
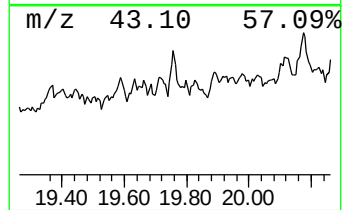
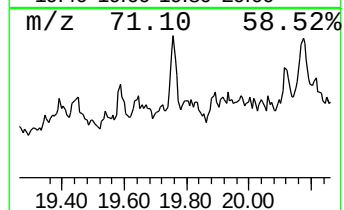
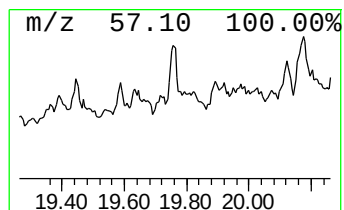
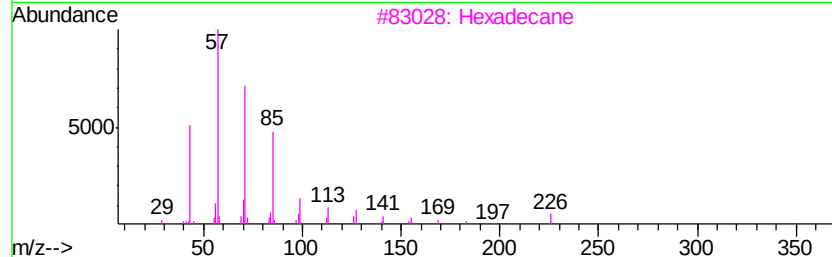
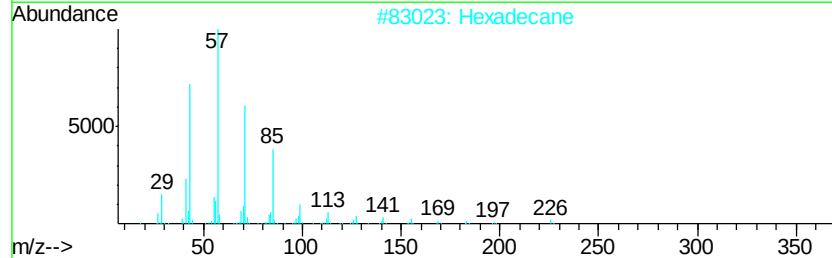
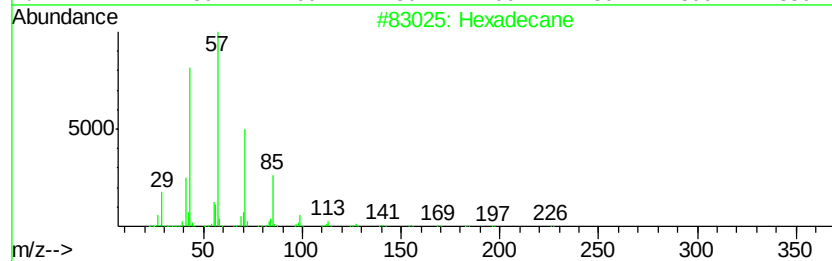
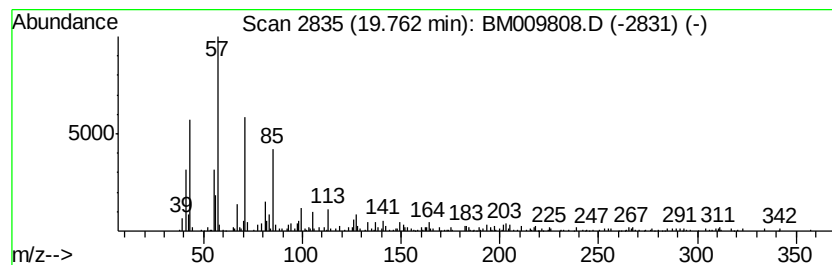
Instrument :
BNA_M
ClientSampleId :
JHST2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.31 ng/ul	401180	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Hexadecane	226 C16H34	000544-76-3	93
3	Hexadecane	226 C16H34	000544-76-3	93
4	Tetradecane, 4-methyl-	212 C15H32	025117-24-2	91
5	Hexadecane	226 C16H34	000544-76-3	91



Data Path : Z:\HPCHEM1\BNA_M\Data\BM043017\
 Data File : BM009808.D
 Acq On : 30 Apr 2017 12:59
 Operator : SJ/MA
 Sample : I2849-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	7.76	2.0	ng/ul	85460	1	7.81	853637	20.0
unknown-01	8.31	3.1	ng/ul	131513	1	7.81	853637	20.0
(DEL) Alkane: Str...	8.43	2.8	ng/ul	120315	1	7.81	853637	20.0
Naphthalene, deca...	8.63	3.5	ng/ul	149621	1	7.81	853637	20.0
(DEL) Alkane: Cyc...	8.90	5.2	ng/ul	222793	1	7.81	853637	20.0
unknown-02	9.10	3.5	ng/ul	148929	1	7.81	853637	20.0
(DEL) Alkane: Cyc...	9.14	4.1	ng/ul	174087	1	7.81	853637	20.0
(DEL) Alkane: Cyc...	9.25	3.0	ng/ul	223848	2	10.61	1498250	20.0
(DEL) Alkane: Str...	9.42	2.6	ng/ul	197772	2	10.61	1498250	20.0
trans-Decalin, 2-...	9.51	8.1	ng/ul	606346	2	10.61	1498250	20.0
Naphthalene, deca...	9.77	3.7	ng/ul	278457	2	10.61	1498250	20.0
(DEL) Alkane: Str...	9.83	3.4	ng/ul	250678	2	10.61	1498250	20.0
(DEL) Alkane: Str...	9.92	3.6	ng/ul	272167	2	10.61	1498250	20.0
unknown-03	10.00	4.9	ng/ul	369942	2	10.61	1498250	20.0
(DEL) Alkane: Str...	10.11	2.2	ng/ul	162689	2	10.61	1498250	20.0
(DEL) Alkane: Cyc...	10.18	3.0	ng/ul	221417	2	10.61	1498250	20.0
unknown-04	10.30	3.0	ng/ul	221240	2	10.61	1498250	20.0
Naphthalene, deca...	10.37	4.3	ng/ul	324981	2	10.61	1498250	20.0
Cycloheptane, bromo-	10.48	3.5	ng/ul	262878	2	10.61	1498250	20.0
unknown-05	10.55	4.9	ng/ul	365819	2	10.61	1498250	20.0
(DEL) Alkane: Cyc...	11.07	7.5	ng/ul	562291	2	10.61	1498250	20.0
(DEL) Alkane: Cyc...	11.28	13.3	ng/ul	997951	2	10.61	1498250	20.0
(DEL) Alkane: Str...	11.42	5.5	ng/ul	410054	2	10.61	1498250	20.0
Benzene, (1,2-dim...	11.50	5.8	ng/ul	437209	2	10.61	1498250	20.0
(DEL) Alkane: Str...	11.60	21.2	ng/ul	1585610	2	10.61	1498250	20.0
unknown-06	11.64	2.4	ng/ul	182986	2	10.61	1498250	20.0
Naphthalene, 1,2,...	11.79	6.4	ng/ul	477208	2	10.61	1498250	20.0
(DEL) Alkane: Cyc...	11.87	4.8	ng/ul	359572	2	10.61	1498250	20.0
unknown-07	12.00	5.3	ng/ul	397881	2	10.61	1498250	20.0
Naphthalene, 1,2,...	12.52	4.0	ng/ul	300751	2	10.61	1498250	20.0
(DEL) Alkane: Str...	12.65	3.3	ng/ul	341078	3	14.46	2094020	20.0
(DEL) Alkane: Cyc...	12.70	4.6	ng/ul	484616	3	14.46	2094020	20.0
(DEL) Alkane: Str...	12.96	13.6	ng/ul	1420590	3	14.46	2094020	20.0
(DEL) Alkane: Cyc...	13.24	2.8	ng/ul	289298	3	14.46	2094020	20.0
Naphthalene, 1,2,...	13.39	4.3	ng/ul	444515	3	14.46	2094020	20.0
(DEL) Alkane: Str...	14.27	2.5	ng/ul	262225	3	14.46	2094020	20.0
(DEL) Alkane: Str...	15.69	15.0	ng/ul	1568140	3	14.46	2094020	20.0
(DEL) Alkane: Cyc...	15.90	2.3	ng/ul	262152	4	17.21	2280470	20.0
(DEL) Alkane: Str...	16.17	23.3	ng/ul	2652060	4	17.21	2280470	20.0
(DEL) Alkane: Str...	16.99	12.1	ng/ul	1378890	4	17.21	2280470	20.0
(DEL) Alkane: Str...	19.76	2.3	ng/ul	401180	5	21.39	3466800	20.0