

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
 Data File : BM008364.D
 Acq On : 16 Dec 2016 03:52
 Operator : UM/SJ
 Sample : H6039-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T4

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	7.010	746	752	757	rBV	462372	730794	10.11%	0.429%
2	7.075	757	763	771	rVB2	214173	441234	6.11%	0.259%
3	7.204	781	785	797	rVB	493357	825442	11.42%	0.485%
4	7.310	797	803	812	rVB2	246163	441083	6.10%	0.259%
5	7.663	852	863	870	rBV	671859	1247510	17.26%	0.733%
6	7.769	876	881	888	rVB	196579	349196	4.83%	0.205%
7	7.957	907	913	920	rBV2	384036	713490	9.87%	0.419%
8	8.316	962	974	981	rBV2	589504	1123058	15.54%	0.660%
9	8.387	981	986	993	rVB2	384639	647647	8.96%	0.380%
10	8.628	1016	1027	1032	rBV4	340876	830639	11.49%	0.488%
11	8.681	1032	1036	1040	rVV4	229194	432107	5.98%	0.254%
12	8.734	1040	1045	1049	rVV3	289336	651109	9.01%	0.382%
13	8.775	1049	1052	1056	rVV	335412	562209	7.78%	0.330%
14	8.828	1056	1061	1073	rVV	794336	1432388	19.82%	0.841%
15	8.945	1073	1081	1085	rVV2	268676	503942	6.97%	0.296%
16	9.004	1085	1091	1098	rVV2	519274	1068123	14.78%	0.627%
17	9.081	1098	1104	1107	rVV	1260263	2144043	29.67%	1.259%
18	9.116	1107	1110	1117	rVV	996406	2046939	28.33%	1.202%
19	9.187	1117	1122	1133	rVV	2618498	4655613	64.43%	2.735%
20	9.428	1159	1163	1169	rVB	285550	425105	5.88%	0.250%
21	9.539	1175	1182	1193	rBV5	633437	1596288	22.09%	0.938%
22	9.657	1193	1202	1203	rVV5	232654	449953	6.23%	0.264%
23	9.687	1203	1207	1213	rVV2	492505	1006466	13.93%	0.591%
24	9.745	1213	1217	1222	rVB	408376	625712	8.66%	0.368%
25	9.839	1222	1233	1242	rBV4	601847	1665596	23.05%	0.978%
26	9.957	1242	1253	1261	rVB2	534823	1361986	18.85%	0.800%
27	10.086	1267	1275	1281	rBV3	954226	2352607	32.56%	1.382%
28	10.275	1301	1307	1314	rBV	967192	2217506	30.69%	1.303%
29	10.339	1314	1318	1322	rVB4	339735	580749	8.04%	0.341%
30	10.439	1322	1335	1339	rBV	852450	1902487	26.33%	1.118%
31	10.486	1339	1343	1350	rVB	1422399	2470309	34.19%	1.451%
32	10.598	1356	1362	1372	rBV	3243152	5977551	82.72%	3.511%
33	10.686	1372	1377	1381	rBV2	1673904	3359732	46.49%	1.974%
34	10.810	1392	1398	1401	rBV2	2443954	4216371	58.35%	2.477%

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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35	10.851	1401	1405	1411	rVV	4298718	7226109	100.00%	4.245%
36	10.916	1411	1416	1422	rVV	1094731	1714121	23.72%	1.007%
37	10.986	1423	1428	1431	rVV	643990	1037362	14.36%	0.609%
38	11.033	1431	1436	1442	rVB3	1620322	2731321	37.80%	1.604%
39	11.122	1448	1451	1456	rVB2	221419	380729	5.27%	0.224%
40	11.204	1456	1465	1471	rBV5	548586	1270356	17.58%	0.746%
41	11.286	1471	1479	1483	rBV	1143899	1972968	27.30%	1.159%
42	11.328	1483	1486	1493	rVB5	483516	977324	13.52%	0.574%
43	11.480	1505	1512	1516	rBV	1677096	3317511	45.91%	1.949%
44	11.533	1517	1521	1526	rVV2	1389167	2417618	33.46%	1.420%
45	11.581	1526	1529	1536	rVV4	555945	1329586	18.40%	0.781%
46	11.651	1536	1541	1546	rVB2	1651222	2762962	38.24%	1.623%
47	11.775	1558	1562	1566	rVB3	322536	461893	6.39%	0.271%
48	11.857	1571	1576	1582	rVB	2556641	4055860	56.13%	2.383%
49	11.992	1582	1599	1602	rBV3	1097648	3114510	43.10%	1.830%
50	12.104	1614	1618	1623	rVB3	1190398	2027167	28.05%	1.191%
51	12.163	1623	1628	1632	rBV4	1713445	3165184	43.80%	1.859%
52	12.263	1640	1645	1647	rBV	681711	1040328	14.40%	0.611%
53	12.328	1652	1656	1663	rVB	2561012	4711957	65.21%	2.768%
54	12.457	1670	1678	1681	rBV3	1051743	2110264	29.20%	1.240%
55	12.504	1681	1686	1693	rBV	2596605	4823322	66.75%	2.833%
56	12.569	1694	1697	1700	rVB4	566001	710882	9.84%	0.418%
57	12.651	1706	1711	1715	rBV3	1338691	2160877	29.90%	1.269%
58	12.710	1715	1721	1728	rVV4	2330980	5332016	73.79%	3.132%
59	12.769	1728	1731	1735	rVB4	477056	702828	9.73%	0.413%
60	12.892	1747	1752	1762	rBV7	419913	1111209	15.38%	0.653%
61	12.980	1762	1767	1771	rBV	1724386	2875054	39.79%	1.689%
62	13.180	1797	1801	1804	rBV	414971	529916	7.33%	0.311%
63	13.292	1816	1820	1824	rBV4	228788	382094	5.29%	0.224%
64	13.357	1828	1831	1838	rVB5	246847	505573	7.00%	0.297%
65	13.457	1843	1848	1850	rBV4	758516	1190690	16.48%	0.699%
66	13.486	1850	1853	1860	rVB6	1412279	2339432	32.37%	1.374%
67	13.586	1866	1870	1872	rBV3	354957	529937	7.33%	0.311%
68	13.616	1872	1875	1879	rVV3	398785	601154	8.32%	0.353%
69	13.686	1883	1887	1891	rVV4	1385036	2276759	31.51%	1.337%
70	13.727	1891	1894	1900	rVB	1362309	2110756	29.21%	1.240%
71	13.816	1903	1909	1913	rBV6	773632	1542614	21.35%	0.906%

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72	13.892	1919	1922	1927	rVB2	822395	1147836	15.88%	0.674%
73	13.945	1928	1931	1935	rVB5	237673	384344	5.32%	0.226%
74	13.998	1935	1940	1943	rBV	1513491	2202773	30.48%	1.294%
75	14.069	1950	1952	1956	rVB2	353866	409371	5.67%	0.240%
76	14.304	1988	1992	1997	rBV2	1354209	2234370	30.92%	1.313%
77	14.363	1998	2002	2006	rVV3	533324	890396	12.32%	0.523%
78	14.404	2006	2009	2011	rVV	350463	494190	6.84%	0.290%
79	14.433	2011	2014	2019	rVB3	843882	1265344	17.51%	0.743%
80	14.492	2019	2024	2026	rBV4	313935	559302	7.74%	0.329%
81	14.657	2045	2052	2054	rVV4	618916	1182860	16.37%	0.695%
82	14.692	2054	2058	2065	rVB3	1017263	2216021	30.67%	1.302%
83	14.792	2071	2075	2081	rVB6	333010	587499	8.13%	0.345%
84	14.857	2081	2086	2092	rBV	562951	1033931	14.31%	0.607%
85	14.986	2104	2108	2116	rVB4	438695	794301	10.99%	0.467%
86	15.304	2157	2162	2167	rBV2	2096147	3099317	42.89%	1.821%
87	15.357	2168	2171	2175	rVV2	412047	528593	7.32%	0.311%
88	15.421	2178	2182	2184	rBV	304011	360293	4.99%	0.212%
89	15.463	2184	2189	2195	rVB2	528208	913915	12.65%	0.537%
90	15.557	2202	2205	2214	rVB2	838642	1406473	19.46%	0.826%
91	15.663	2219	2223	2228	rBV3	329625	460105	6.37%	0.270%
92	15.798	2243	2246	2252	rVB2	300676	473388	6.55%	0.278%
93	15.933	2264	2269	2274	rBV	1023025	1381977	19.12%	0.812%
94	16.257	2320	2324	2330	rBV3	182848	360180	4.98%	0.212%
95	17.057	2455	2460	2466	rVB	1372517	2008814	27.80%	1.180%
96	17.157	2472	2477	2484	rVB2	2111034	2978741	41.22%	1.750%
97	19.462	2863	2869	2879	rBV	2486568	3532191	48.88%	2.075%
98	21.256	3169	3174	3180	rBV	1943629	2586589	35.80%	1.519%
99	23.344	3522	3529	3542	rVB2	1947010	3770707	52.18%	2.215%
100	23.486	3547	3553	3562	rVB	1241721	2364568	32.72%	1.389%

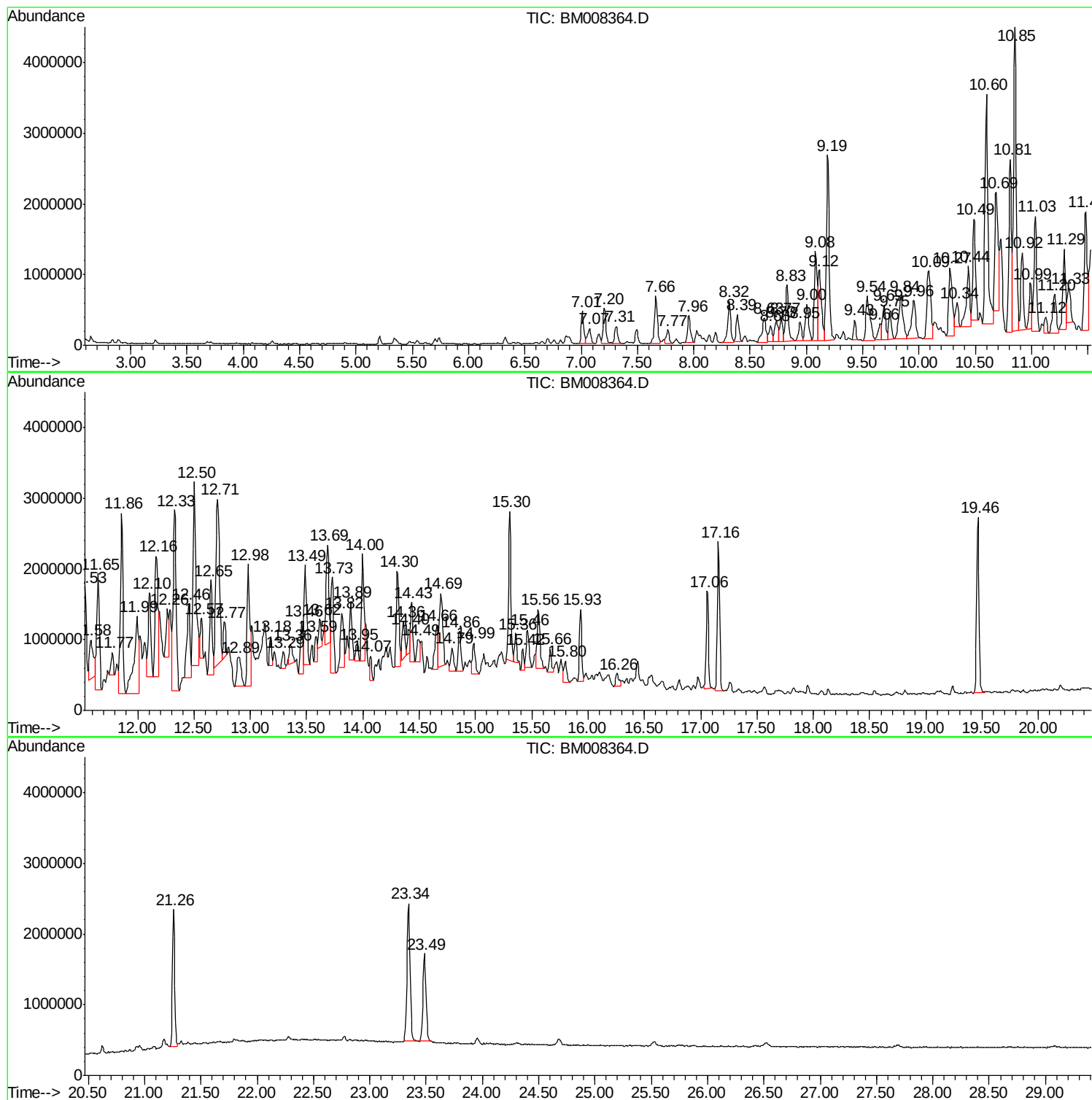
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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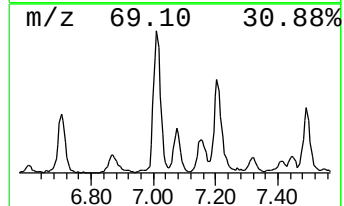
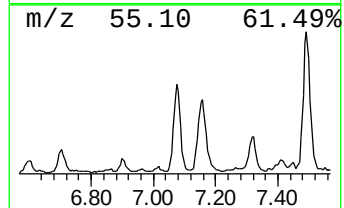
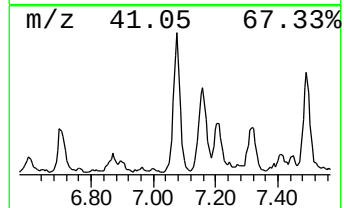
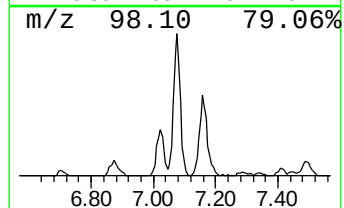
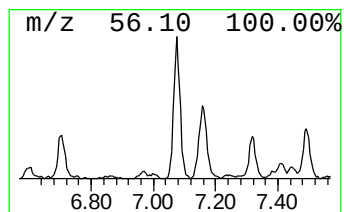
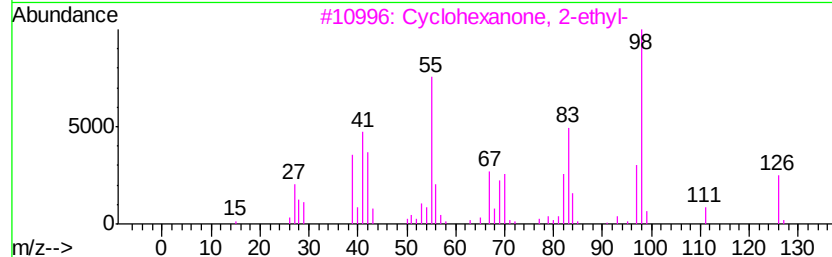
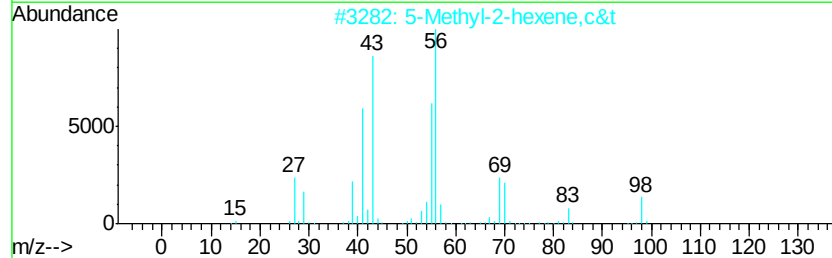
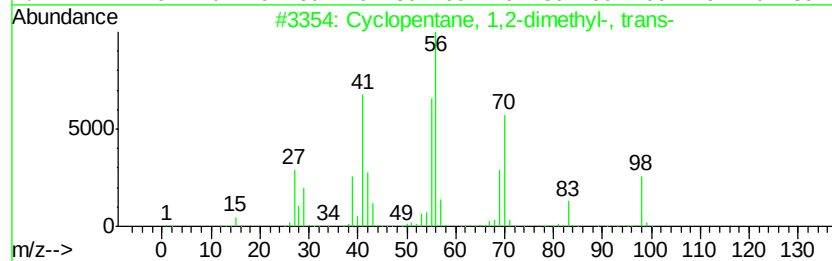
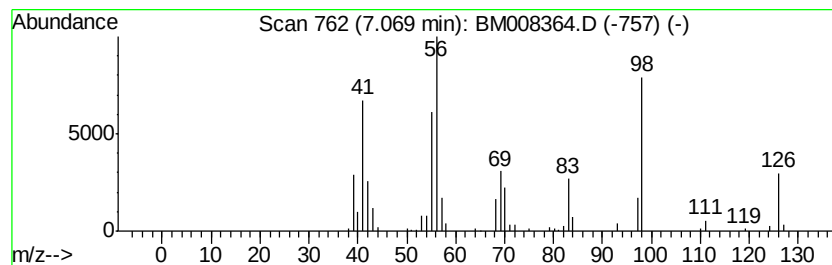
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic7.07 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	7.07 ng/ul	441234	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	53
2		5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	50
3		Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	50
4		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	50
5		Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	47



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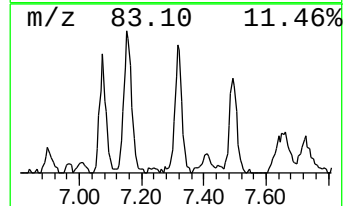
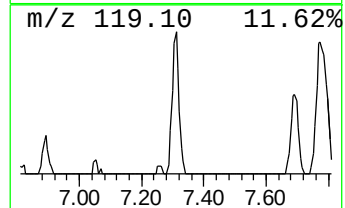
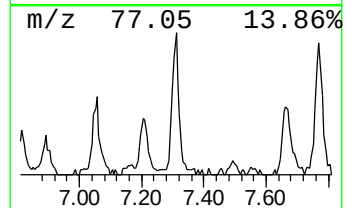
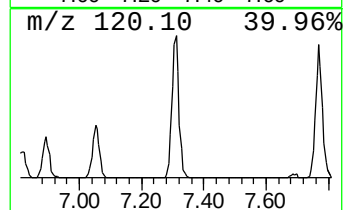
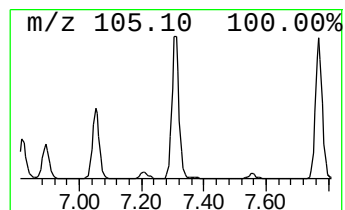
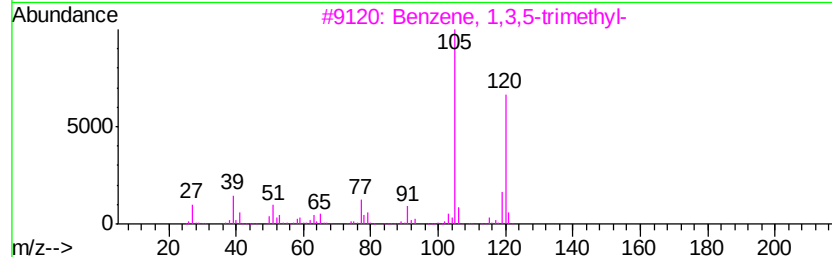
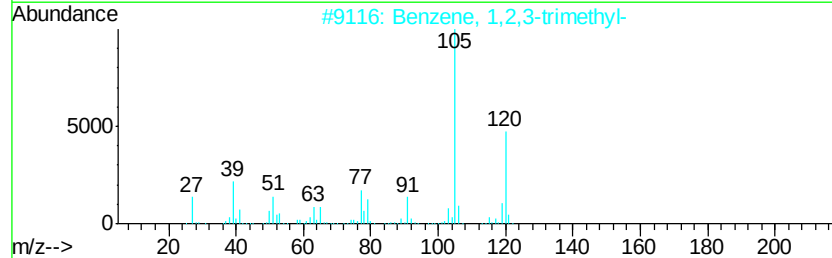
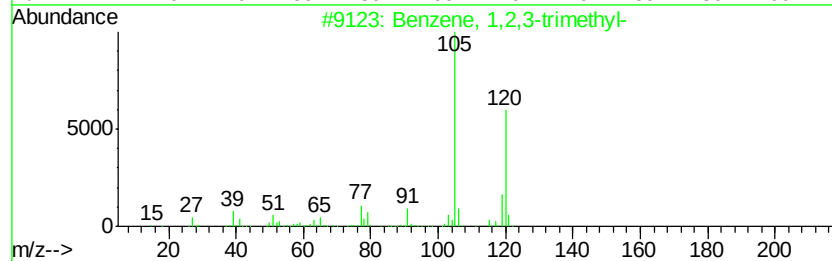
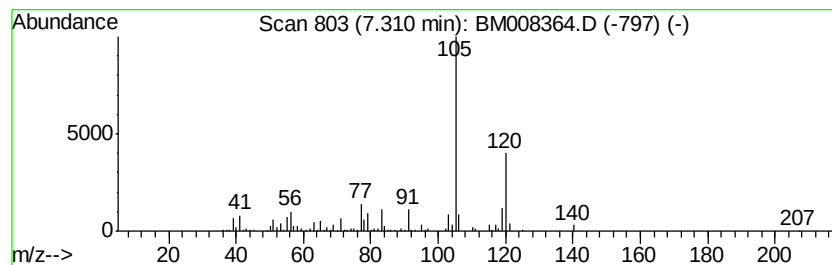
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	7.07 ng/ul	441083	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81



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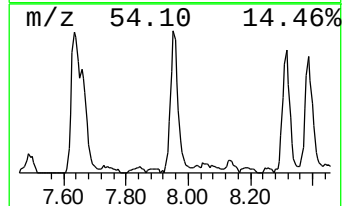
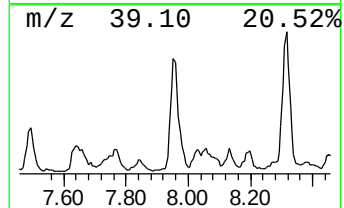
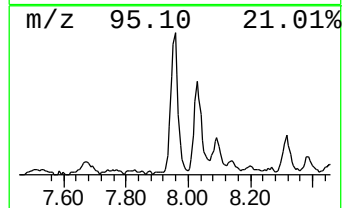
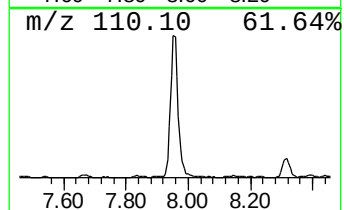
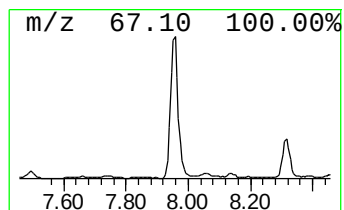
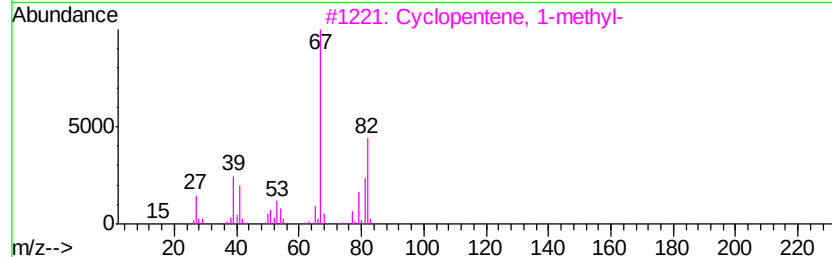
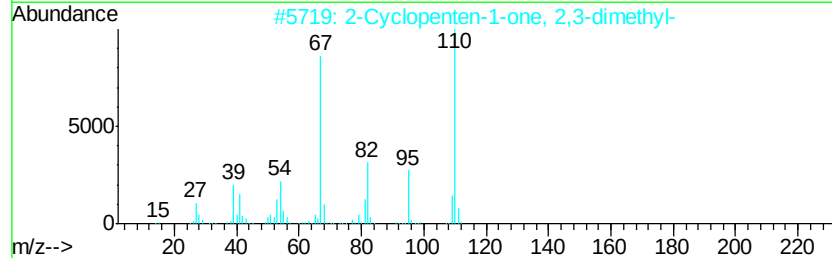
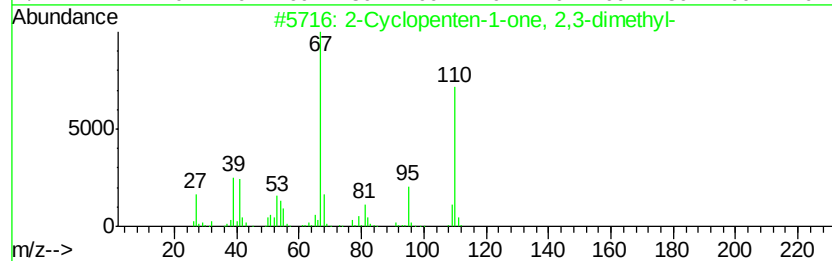
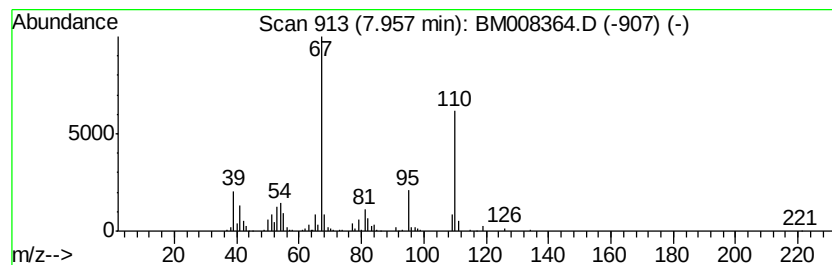
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	11.44 ng/ul	713490	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	94
2		2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	76
3		Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	55
4		2,4-Hexadiene	82	C6H10	000592-46-1	55
5		1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	55



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
Operator : UM/SJ
Sample : H6039-20
Misc :
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Instrument :
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ClientSampleId :
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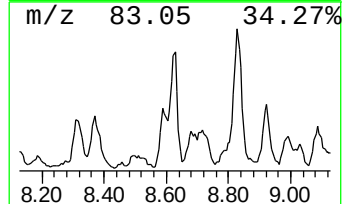
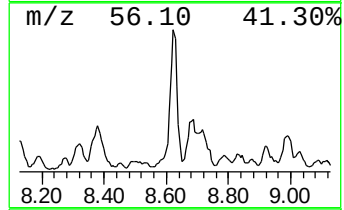
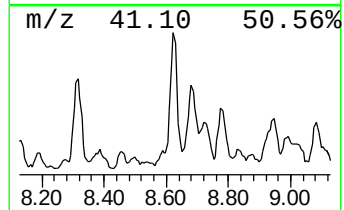
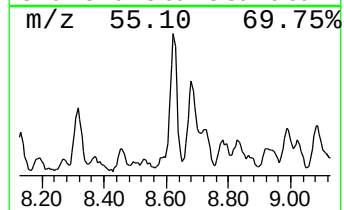
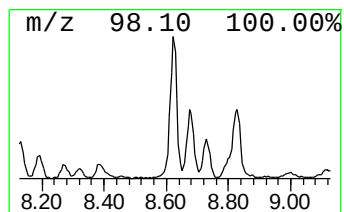
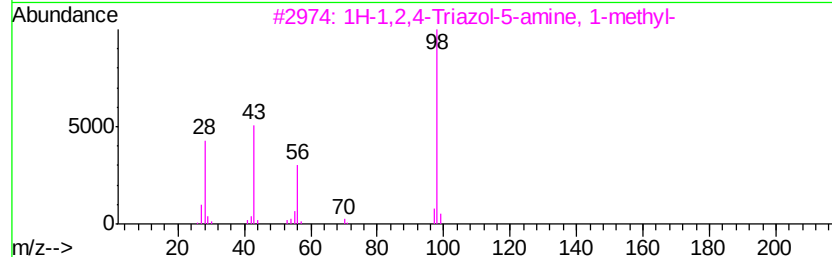
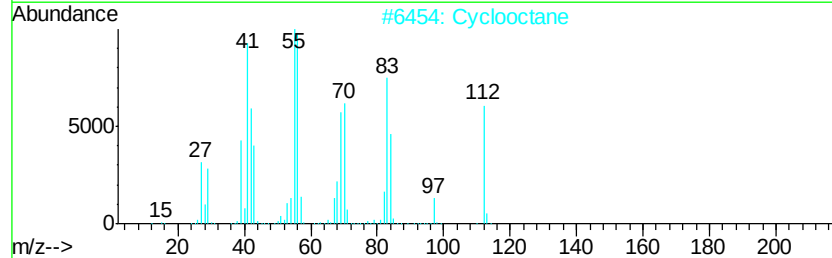
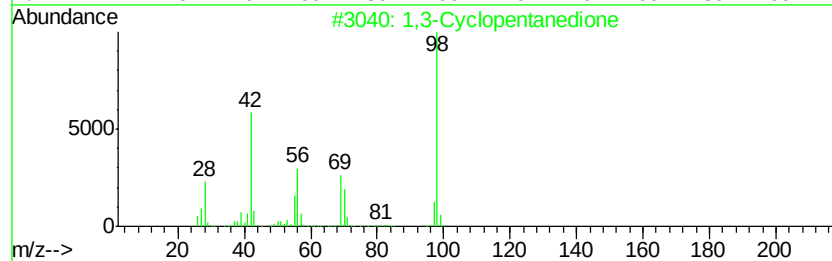
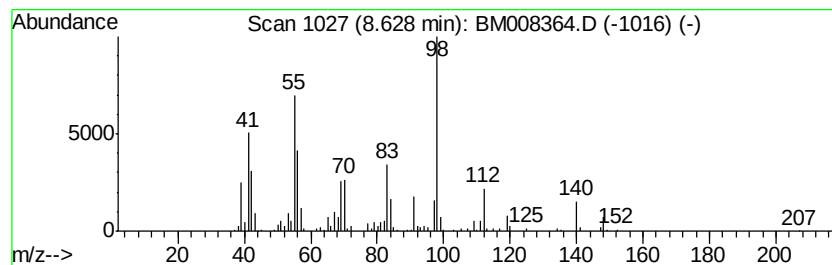
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,3-Cyclopentanedione Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	13.32 ng/ul	830639	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione	98	C5H6O2	003859-41-4	58
2		Cyclooctane	112	C8H16	000292-64-8	49
3		1H-1,2,4-Triazol-5-amine, 1-methyl-	98	C3H6N4	015795-39-8	46
4		Cyclooctane	112	C8H16	000292-64-8	45
5		cis-4-Decene	140	C10H20	019398-88-0	42



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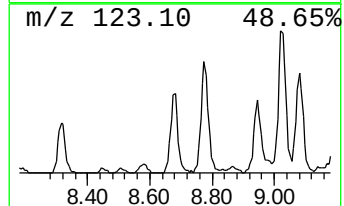
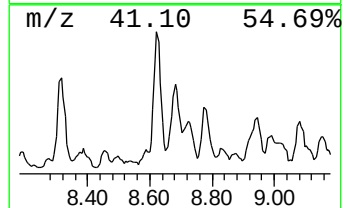
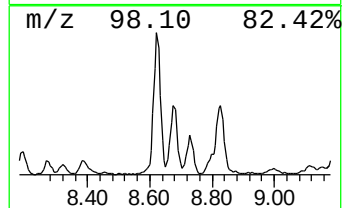
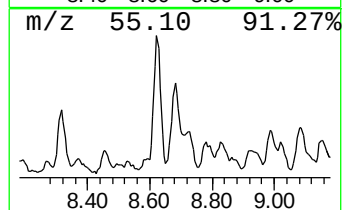
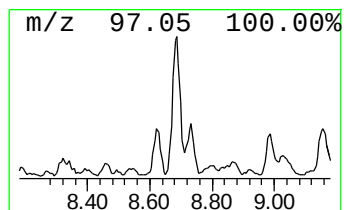
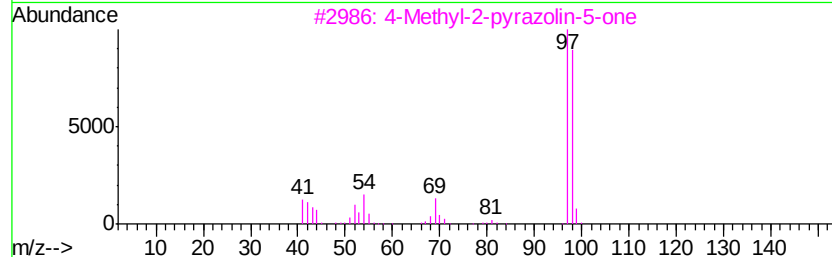
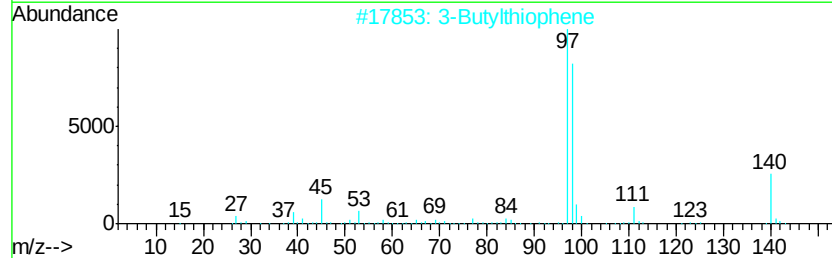
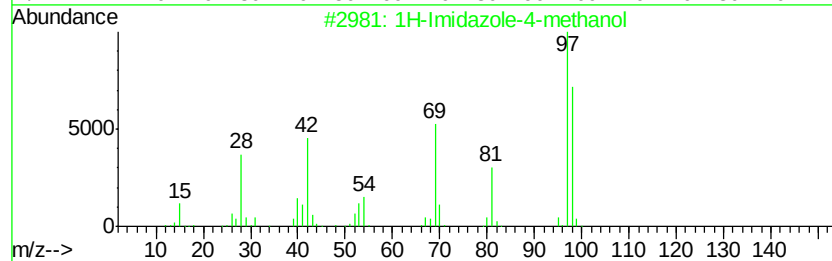
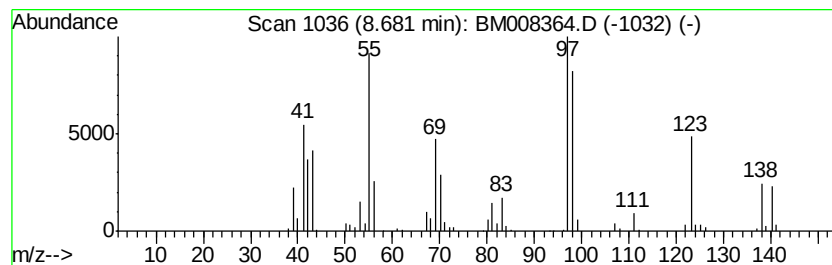
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	6.93 ng/ul	432107	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole-4-methanol	98	C4H6N2O	000822-55-9	46
2		3-Butylthiophene	140	C8H12S	034722-01-5	43
3		4-Methyl-2-pyrazolin-5-one	98	C4H6N2O	013315-23-6	43
4		Silacyclopent-3-ene, 3-methyl-	98	C5H10Si	054077-65-5	43
5		Cyclohexanone	98	C6H10O	000108-94-1	35



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Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
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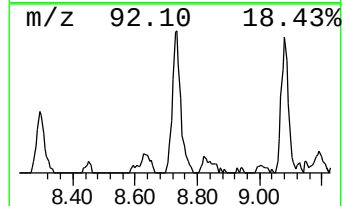
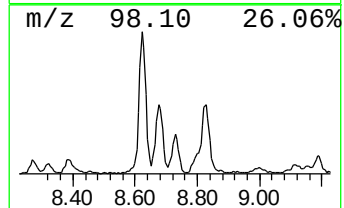
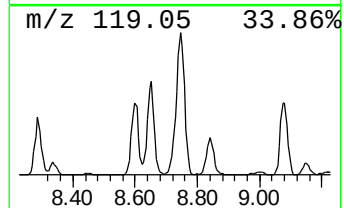
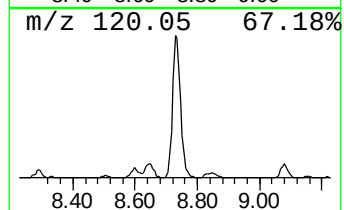
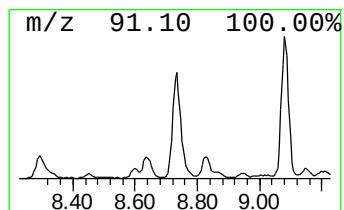
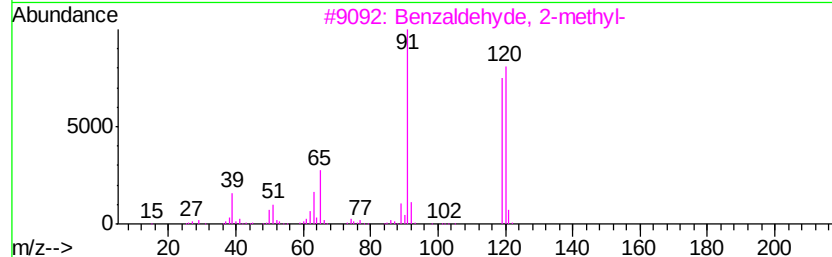
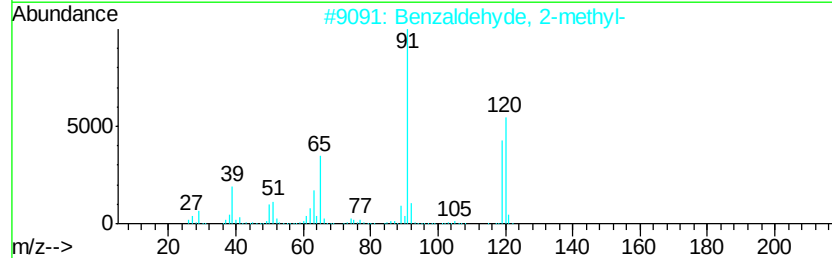
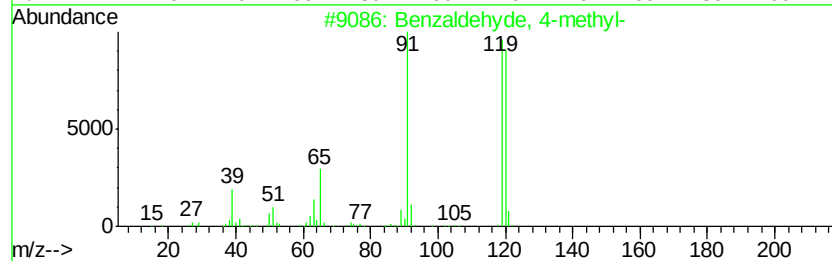
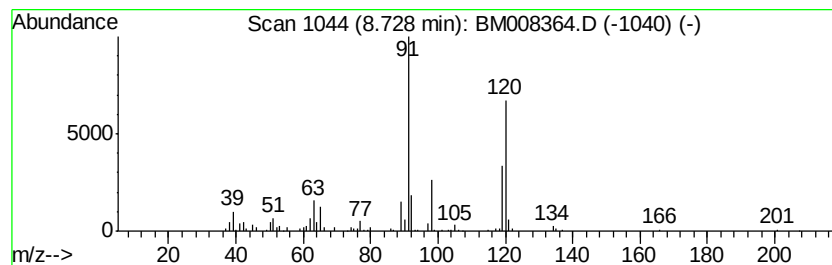
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzaldehyde, 4-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	10.44 ng/ul	651109	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	59
2		Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	59
3		Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	58
4		Phthalan	120	C8H8O	000496-14-0	53
5		Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
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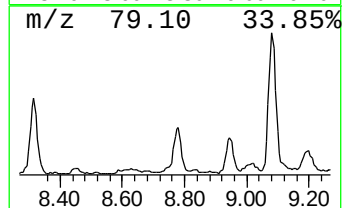
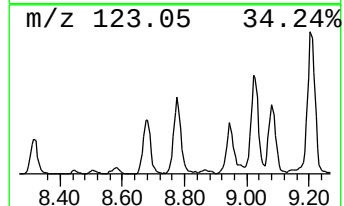
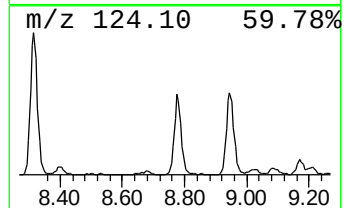
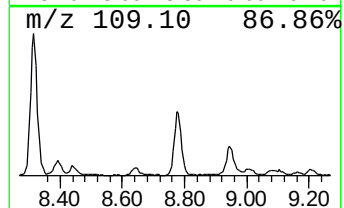
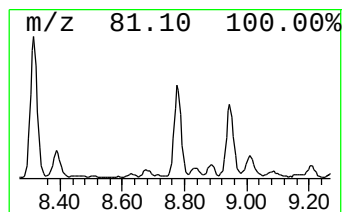
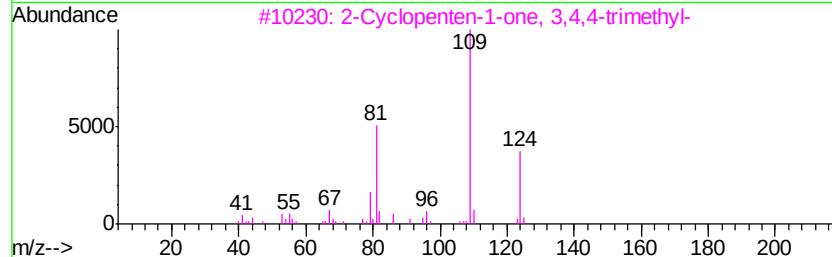
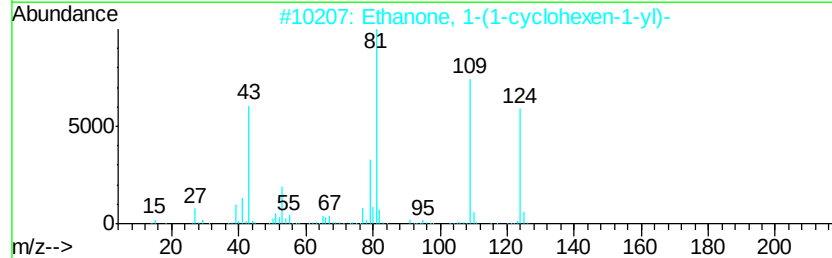
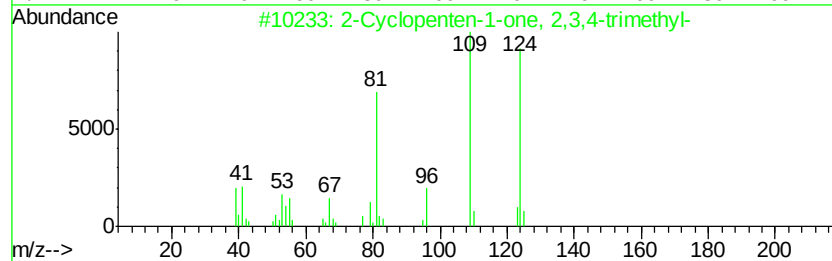
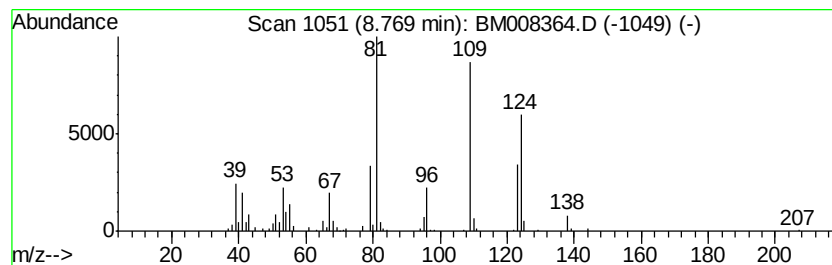
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	9.01 ng/ul	562209	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	87
2			Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	81
3			2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	68
4			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	58
5			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
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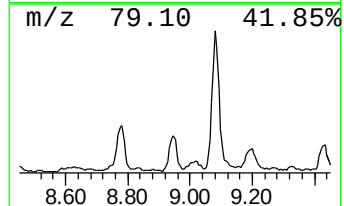
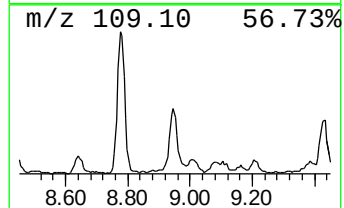
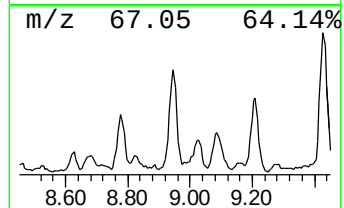
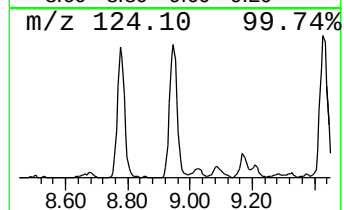
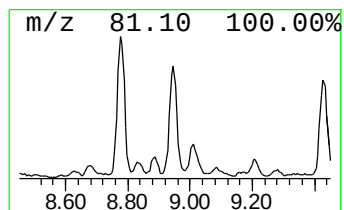
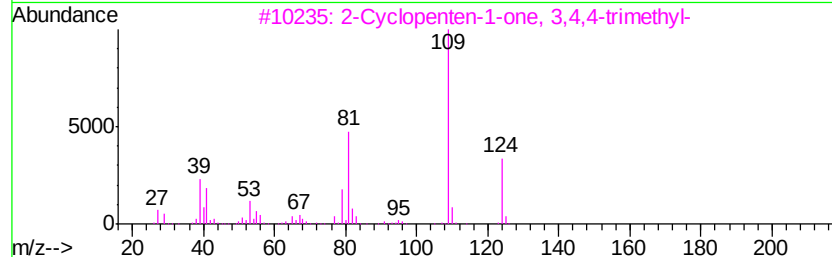
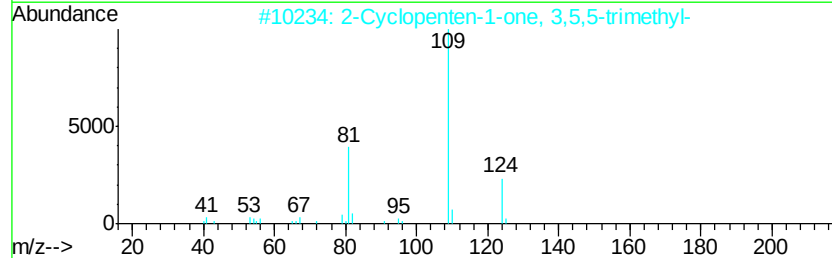
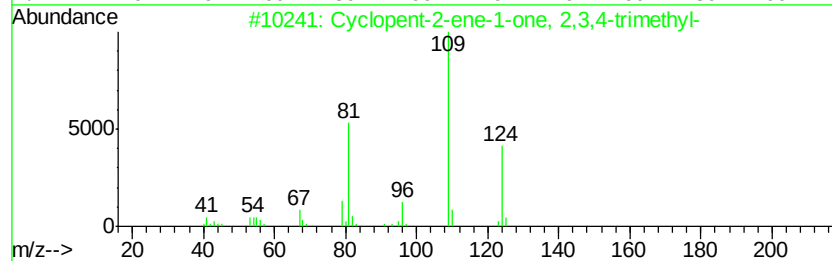
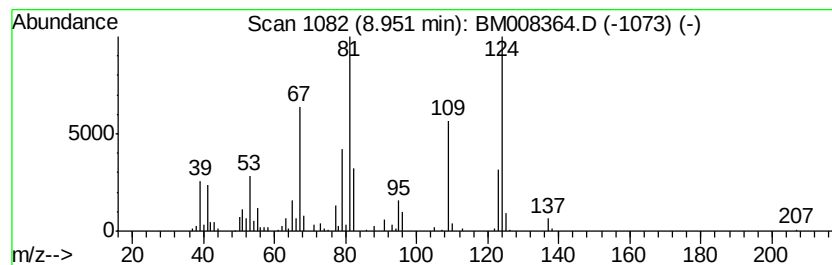
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopent-2-ene-1-one, 2,3,... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	8.08 ng/ul	503942	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	64
2		2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	52
3		2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	52
4		2-Amino-3-methylpyridine-N-oxide	124	C6H8N2O	053669-61-7	50
5		2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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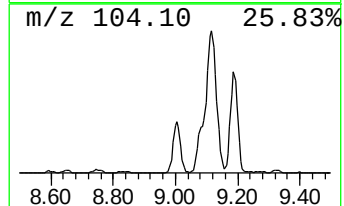
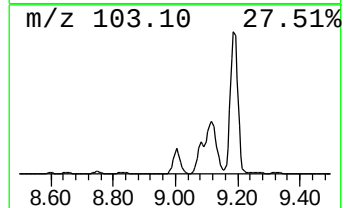
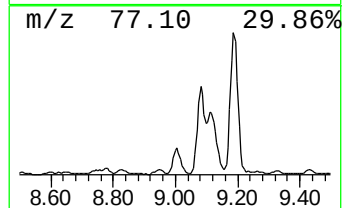
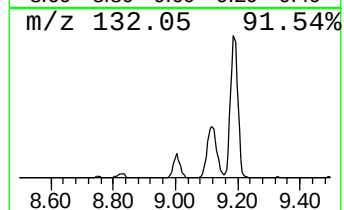
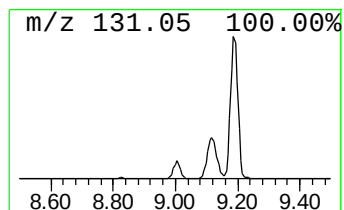
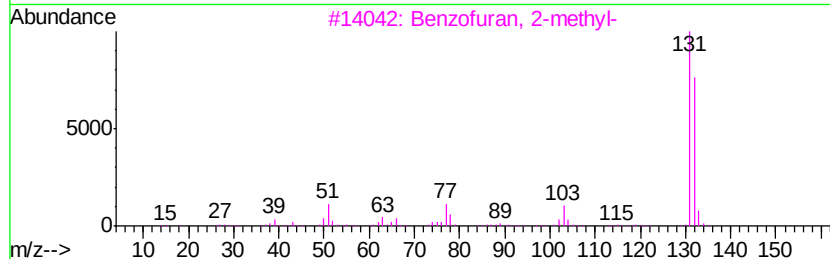
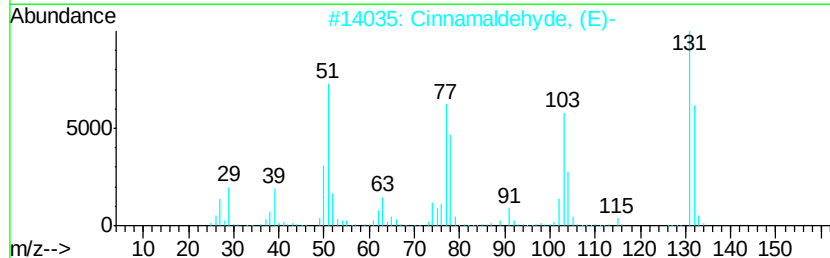
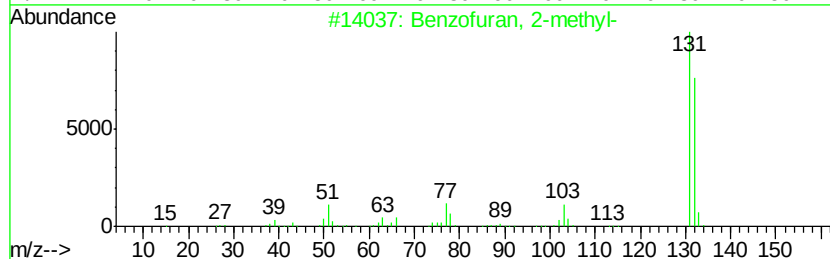
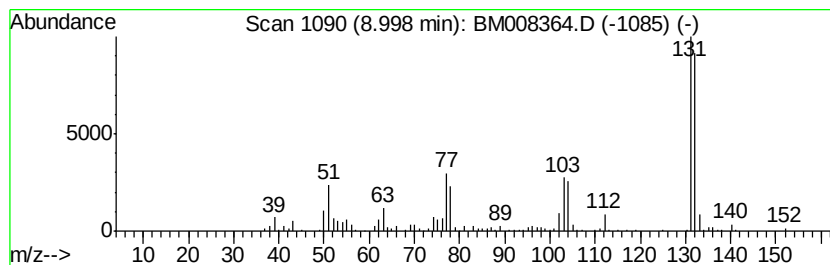
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzofuran, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	17.12 ng/ul	1068120	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
5		Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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Acq On : 16 Dec 2016 03:52
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ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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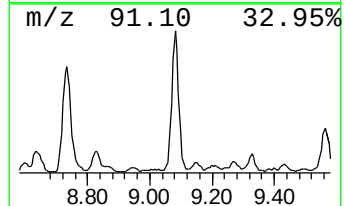
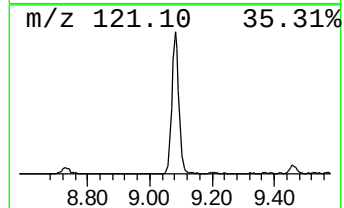
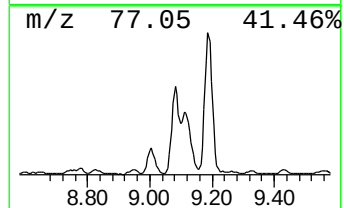
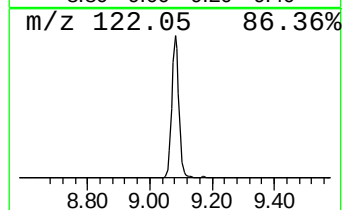
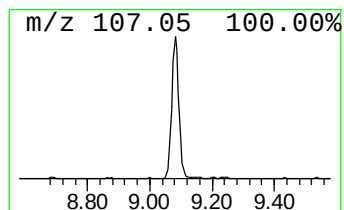
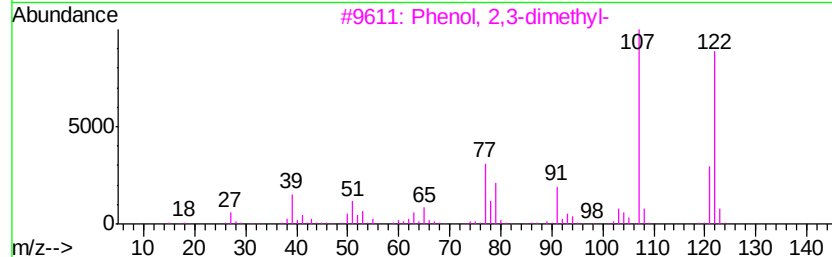
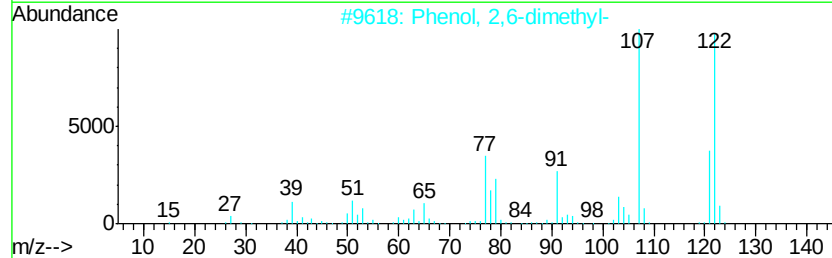
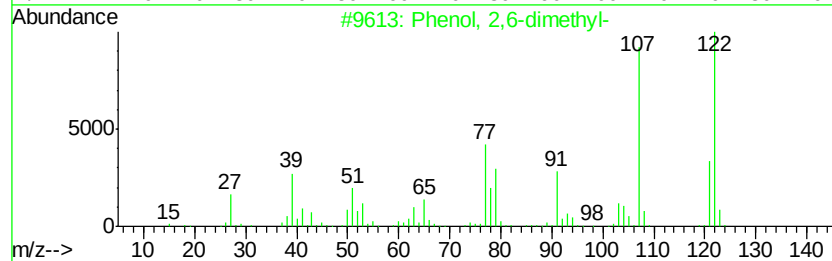
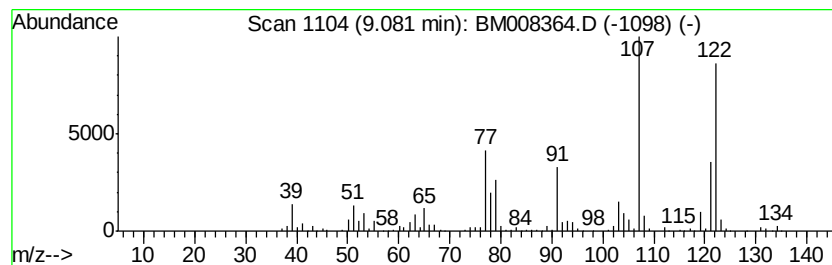
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenol, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	22.54 ng/ul	2144040	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
3		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93
4		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
5		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
Operator : UM/SJ
Sample : H6039-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DA8T4

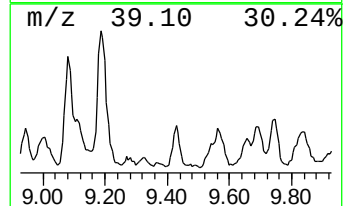
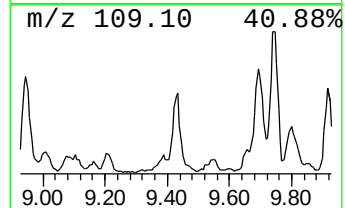
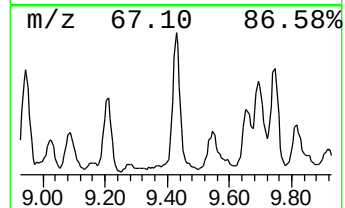
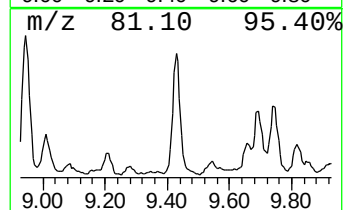
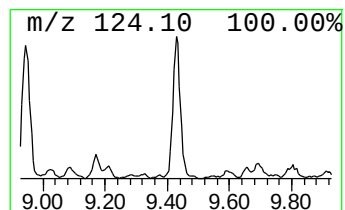
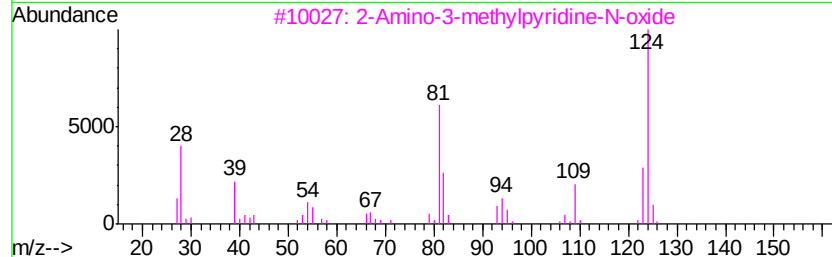
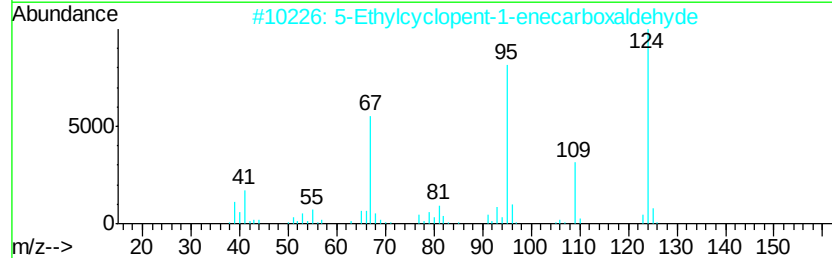
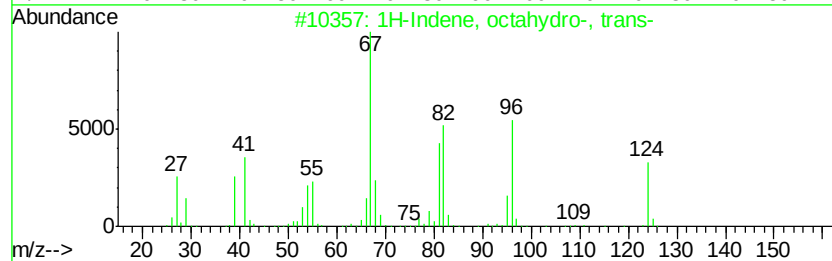
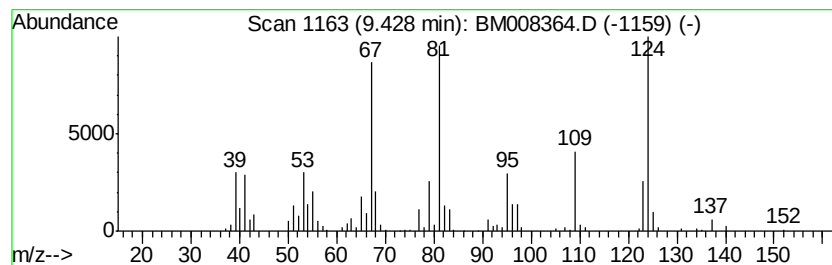
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-02 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	4.47 ng/ul	425105	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
2		5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	43
3		2-Amino-3-methylpyridine-N-oxide	124	C6H8N2O	053669-61-7	43
4		Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	43
5		1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
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Misc :
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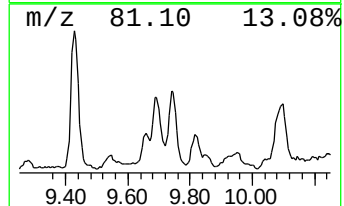
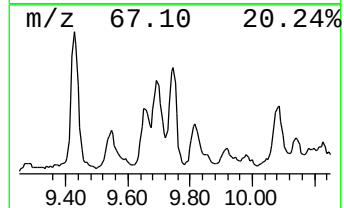
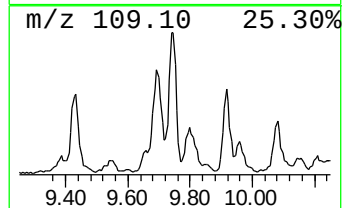
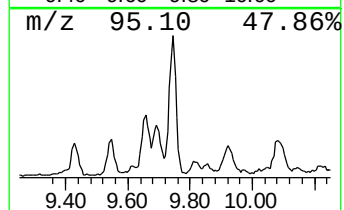
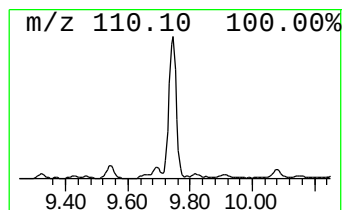
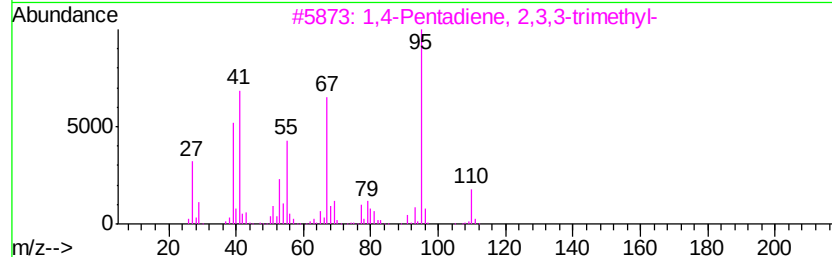
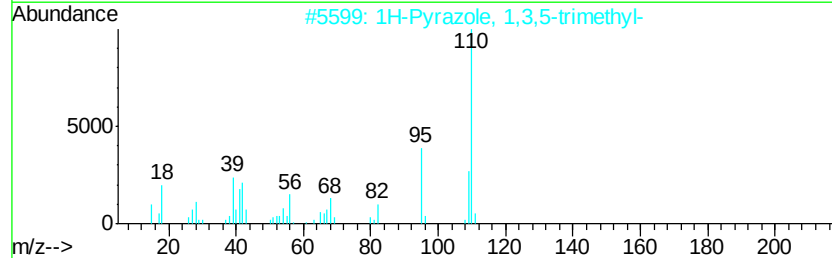
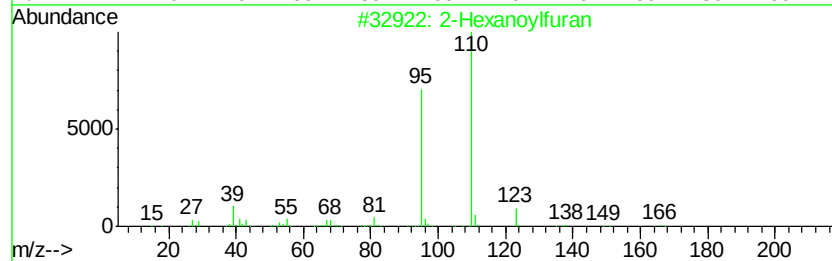
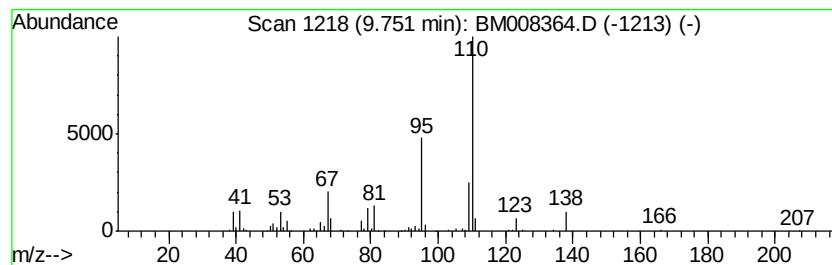
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 2-Hexanoylfuran Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	6.58 ng/ul	625712	Naphthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanoylfuran	166	C10H14O2	014360-50-0	50
2		1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	50
3		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	43
4		Phenol, 3-ethoxy-	138	C8H10O2	000621-34-1	43
5		Phenol, 4-ethoxy-	138	C8H10O2	000622-62-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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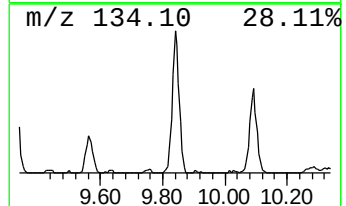
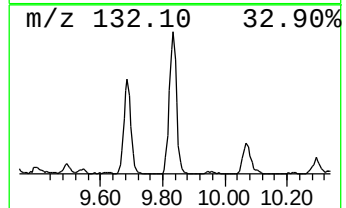
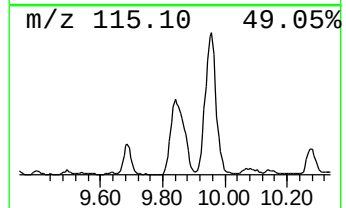
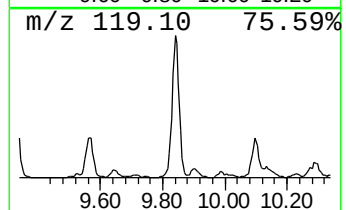
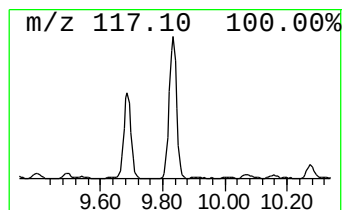
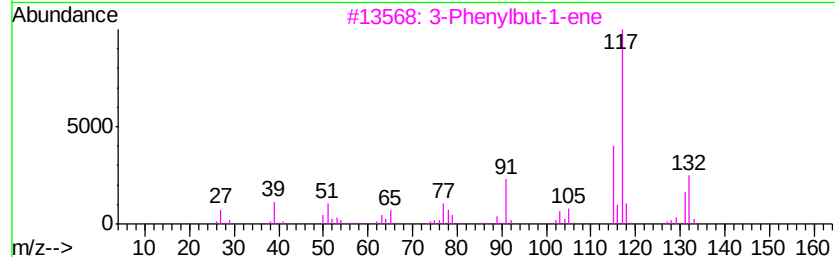
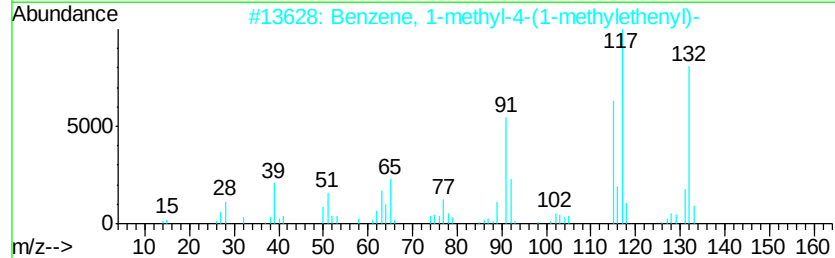
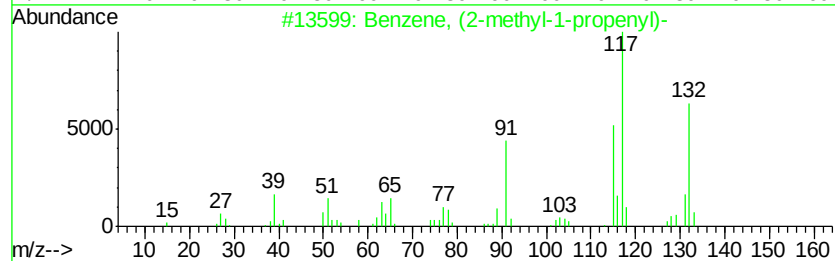
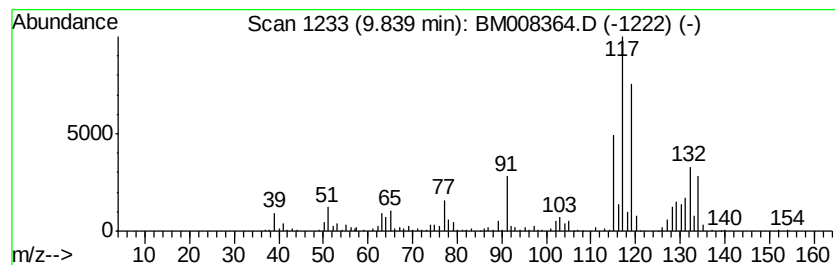
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, (2-methyl-1-propen... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	17.51 ng/ul	1665600	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
2		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	55
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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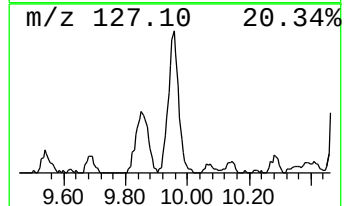
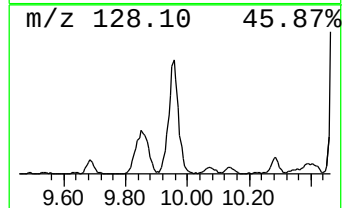
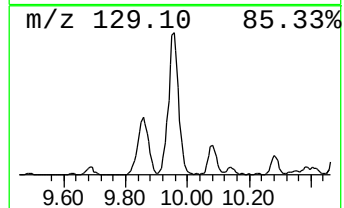
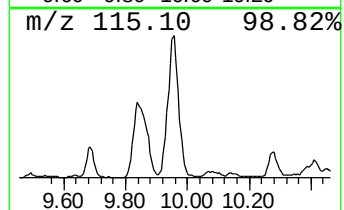
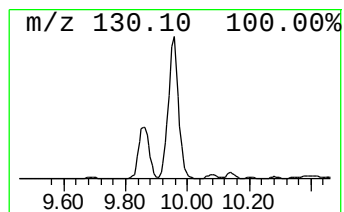
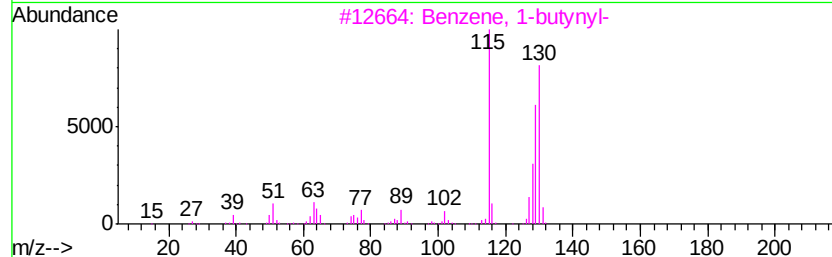
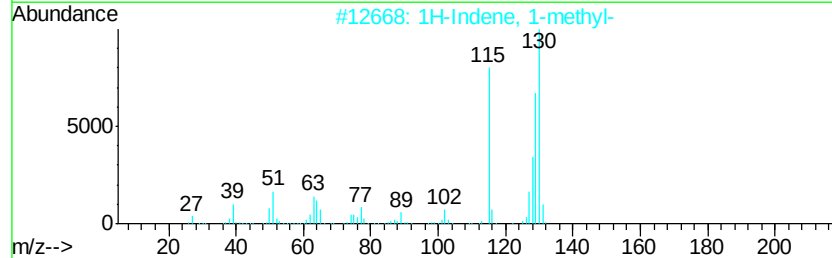
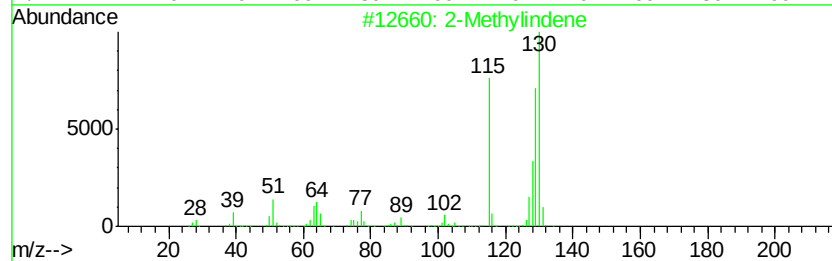
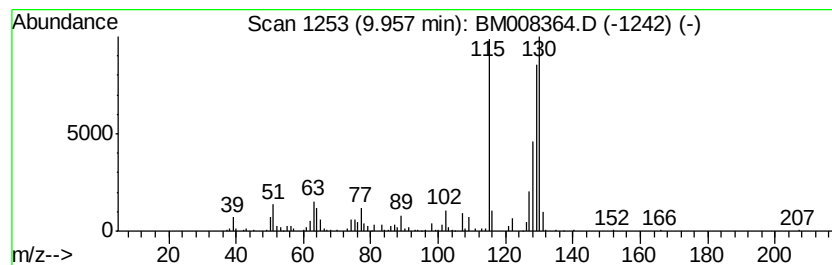
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 2-Methylindene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	14.32 ng/ul	1361990	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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Acq On : 16 Dec 2016 03:52
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Sample : H6039-20
Misc :
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Instrument :
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ClientSampleId :
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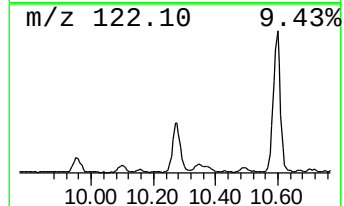
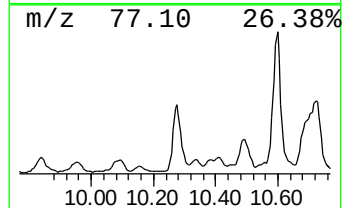
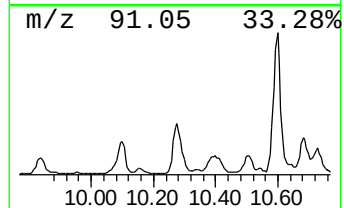
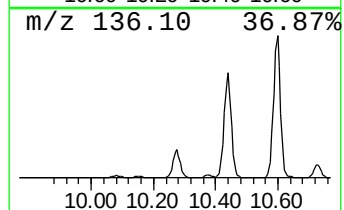
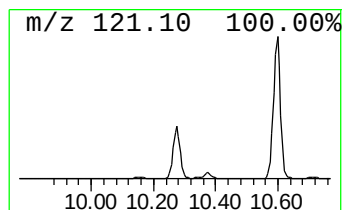
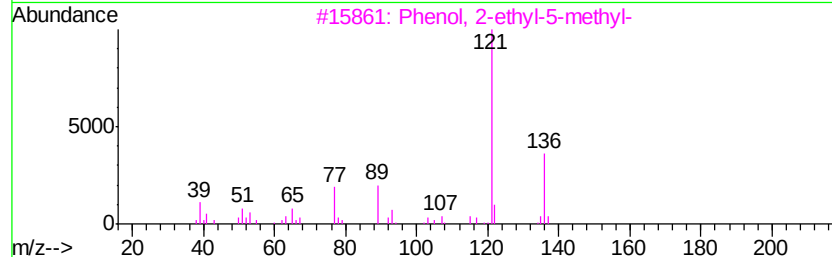
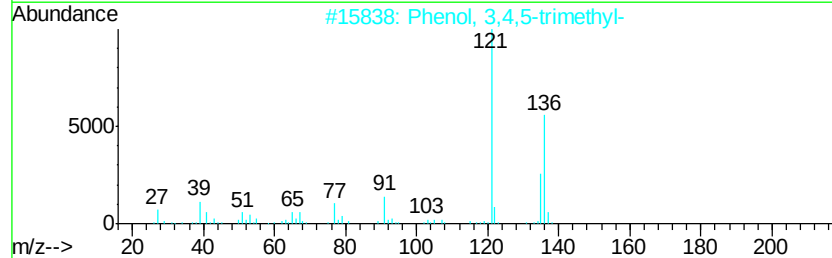
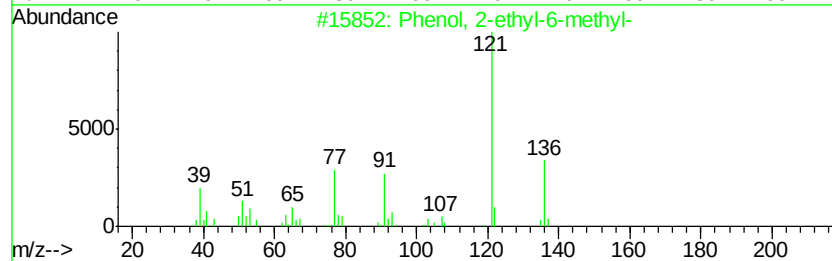
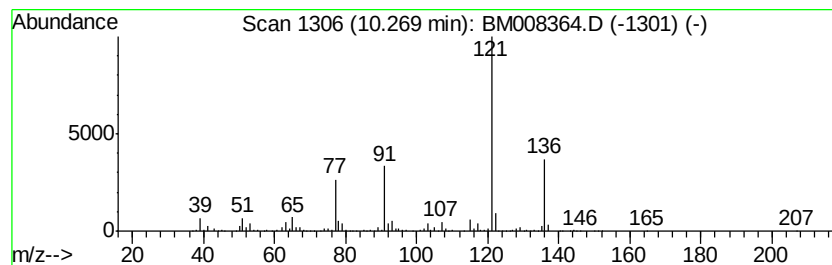
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Phenol, 2-ethyl-6-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	23.31 ng/ul	2217510	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	94
2		Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3		Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
4		Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
5		Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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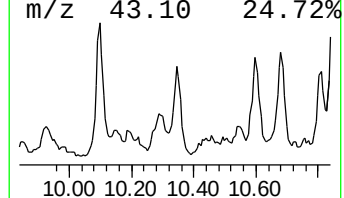
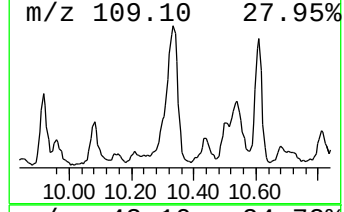
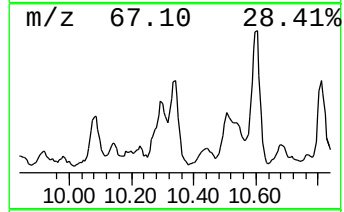
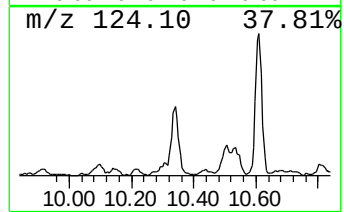
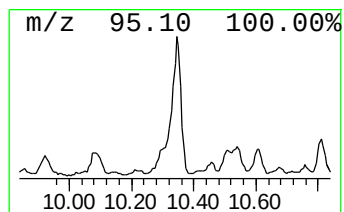
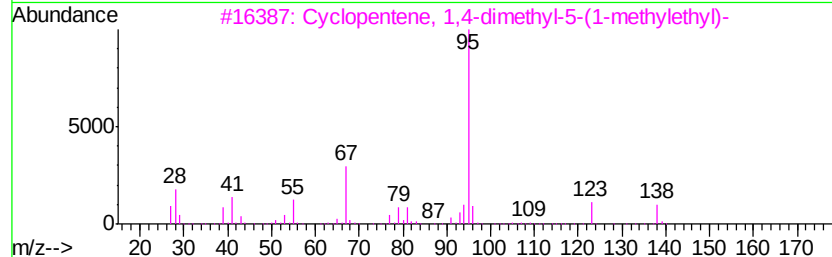
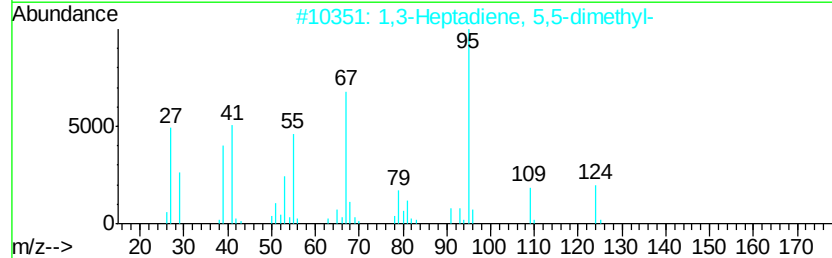
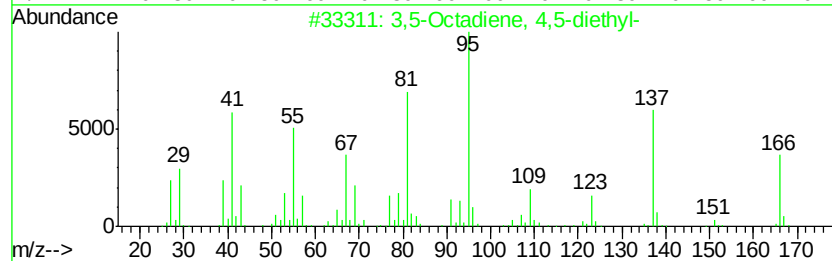
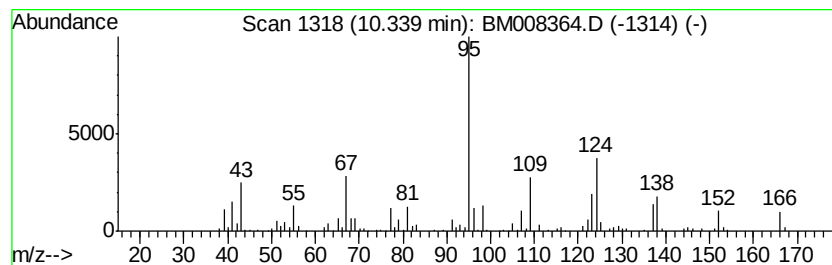
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 3,5-Octadiene, 4,5-diethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.34	6.11 ng/ul	580749	Napthalene-d8	10.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	50
2	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	47
3	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	43
4	Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	43
5	1-Propanone, 1-(2-furanyl)-	124	C7H8O2	003194-15-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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Operator : UM/SJ
Sample : H6039-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

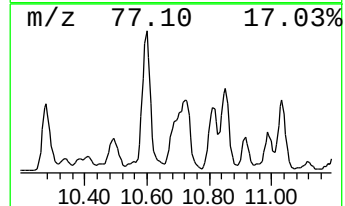
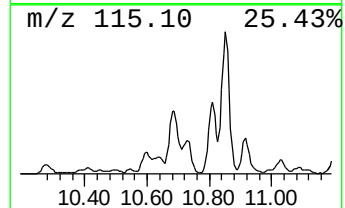
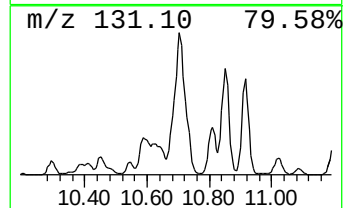
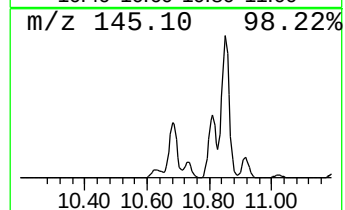
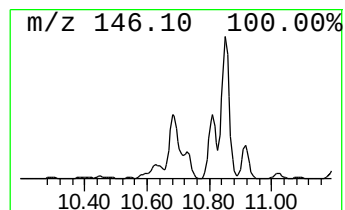
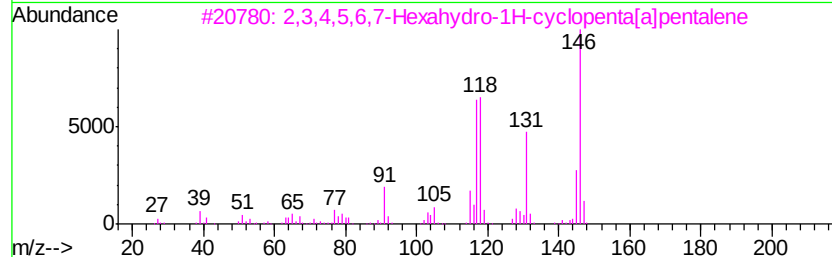
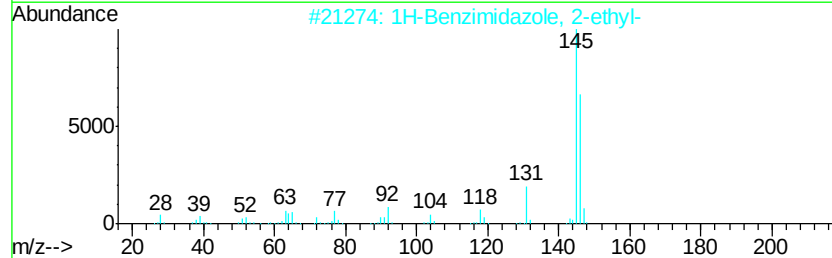
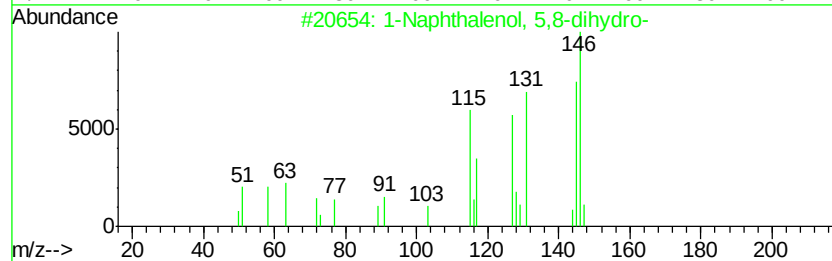
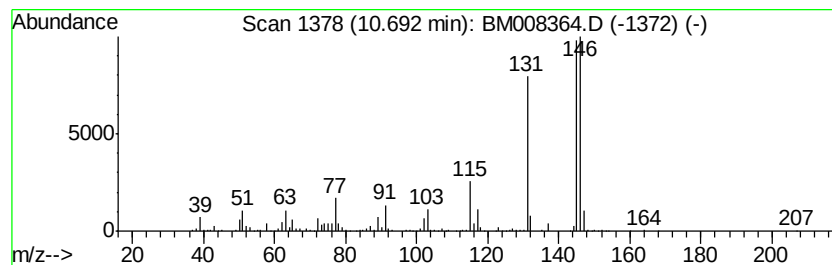
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1-Naphthalenol, 5,8-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.69	35.32 ng/ul	3359730	Naphthalene-d8	10.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	59
2		1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	58
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	50
4		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	50



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Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
Operator : UM/SJ
Sample : H6039-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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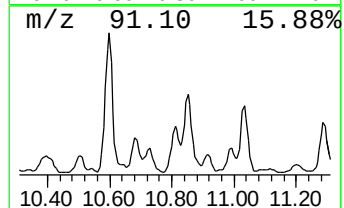
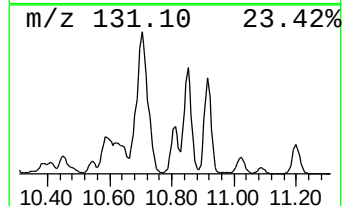
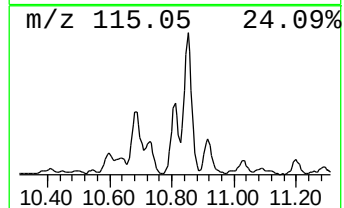
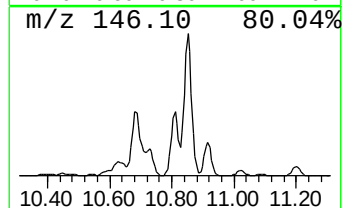
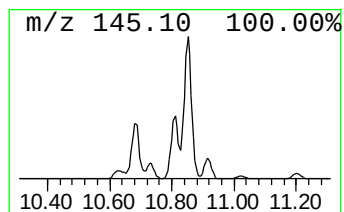
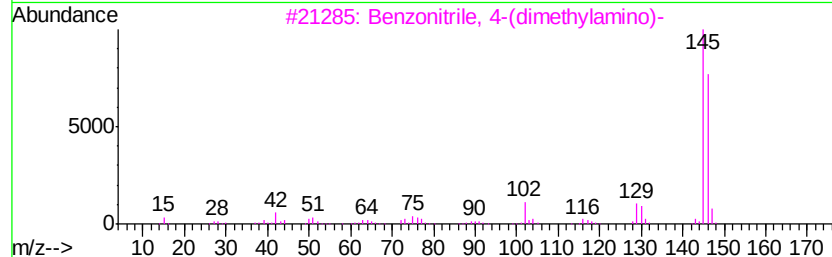
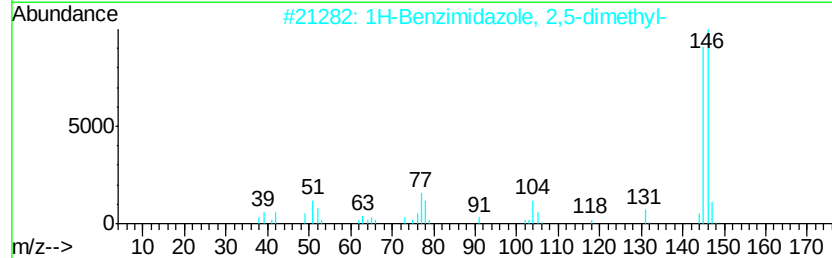
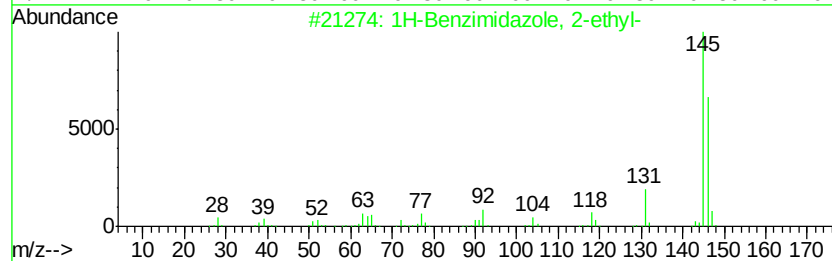
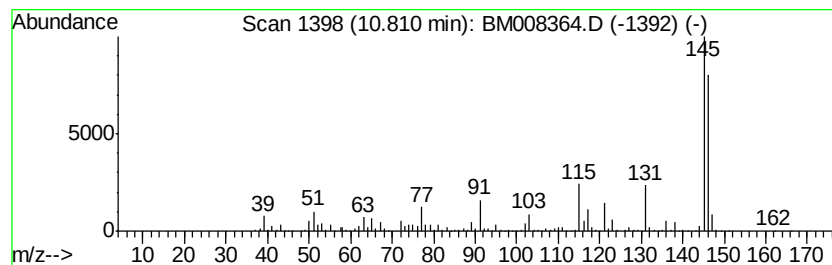
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 1H-Benzimidazole, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	44.32 ng/ul	4216370	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2		1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53
3		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5		2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
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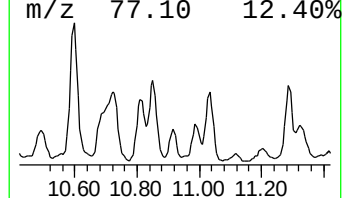
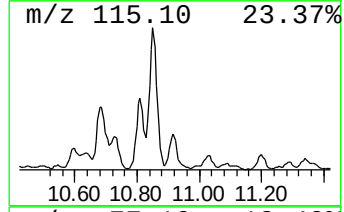
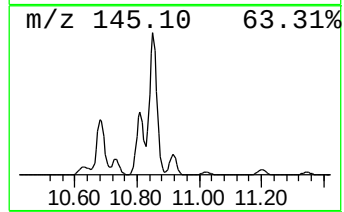
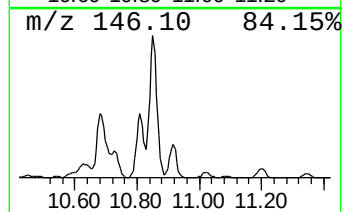
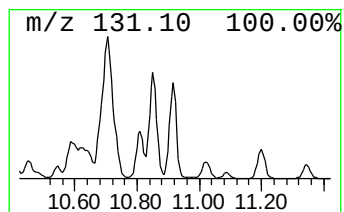
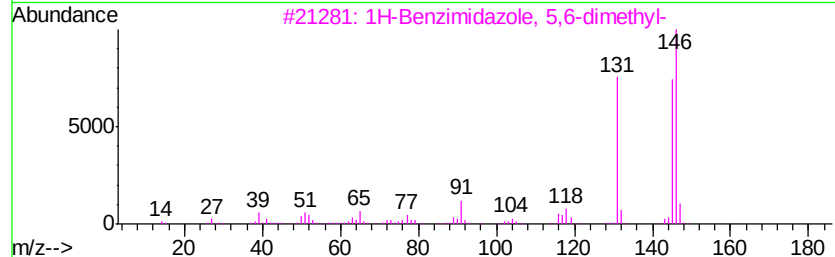
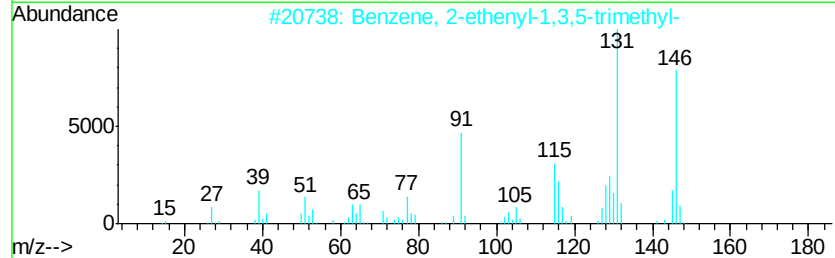
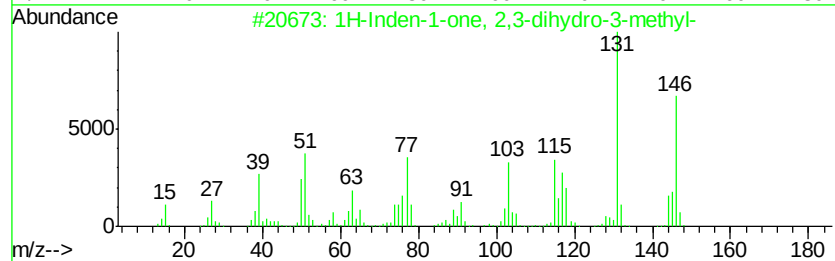
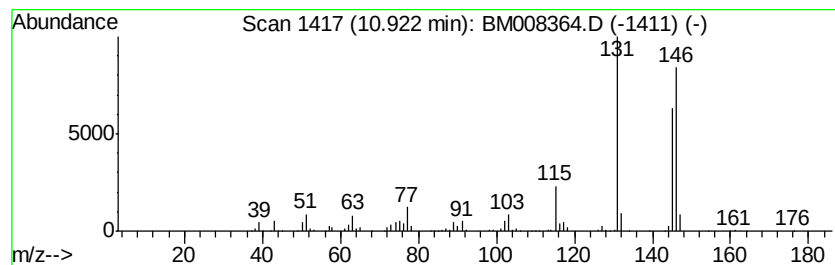
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	18.02 ng/ul	1714120	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	83
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	80
3		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
4		2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	78
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



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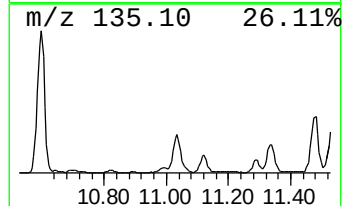
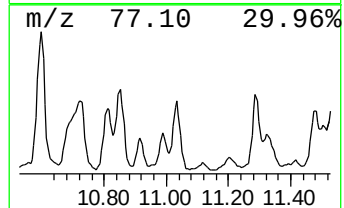
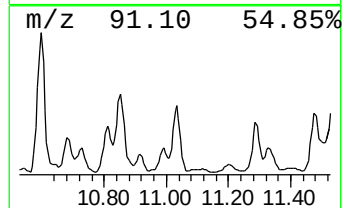
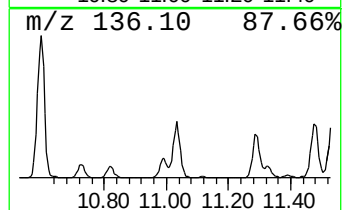
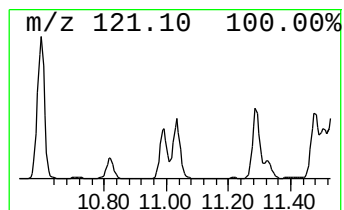
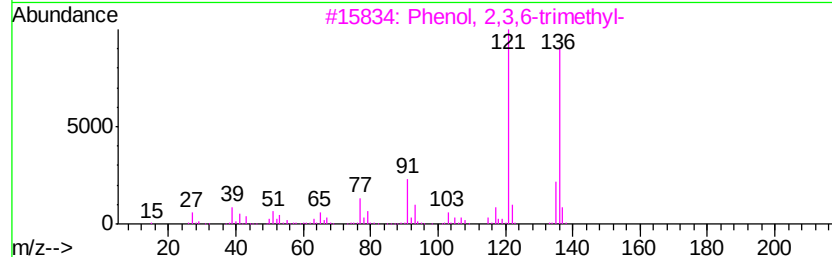
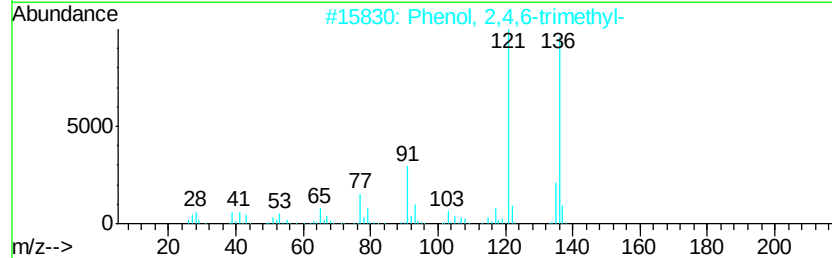
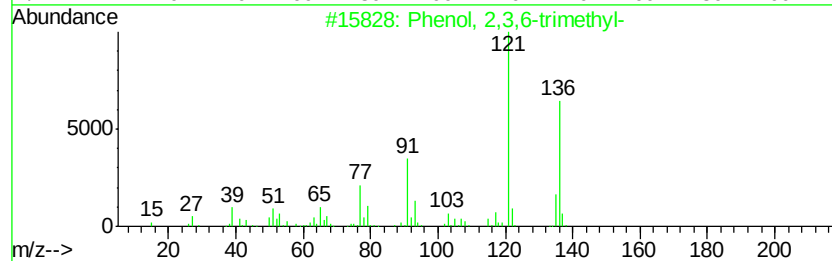
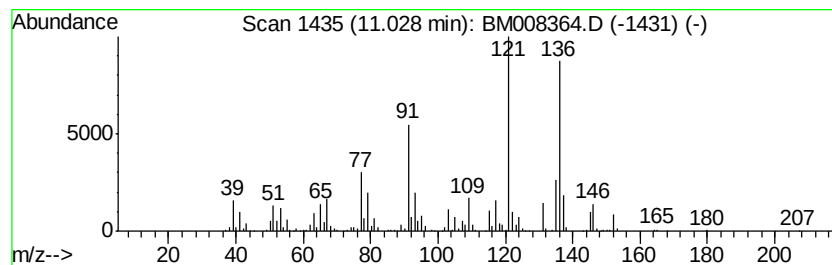
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Phenol, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	28.71 ng/ul	2731320	Napthalene-d8	10.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2,3,6-trimethyl-	136 C9H12O	002416-94-6	95
2	Phenol, 2,4,6-trimethyl-	136 C9H12O	000527-60-6	94
3	Phenol, 2,3,6-trimethyl-	136 C9H12O	002416-94-6	93
4	Phenol, 2,4,6-trimethyl-	136 C9H12O	000527-60-6	93
5	Phenol, 2,3,6-trimethyl-	136 C9H12O	002416-94-6	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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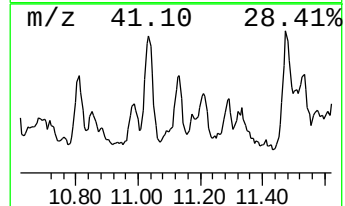
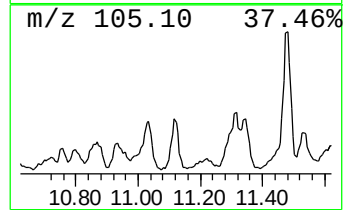
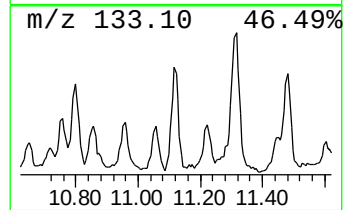
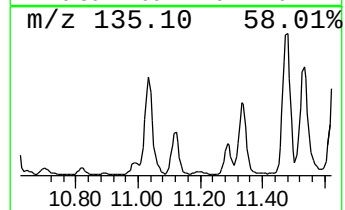
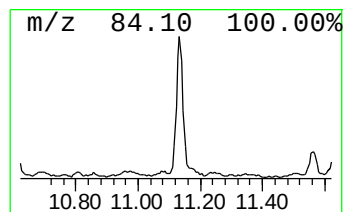
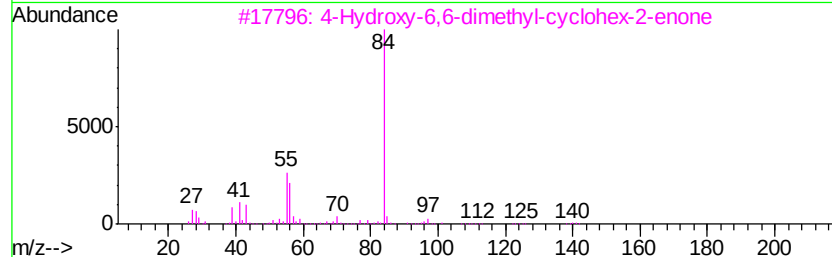
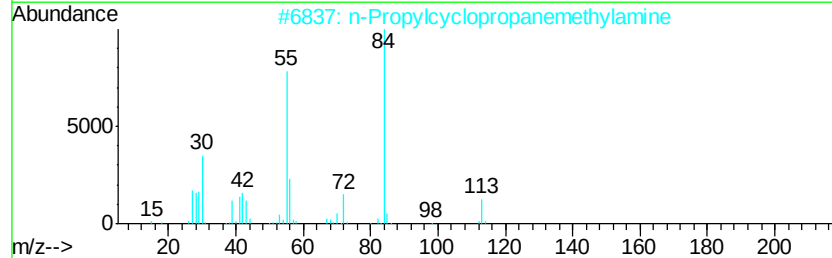
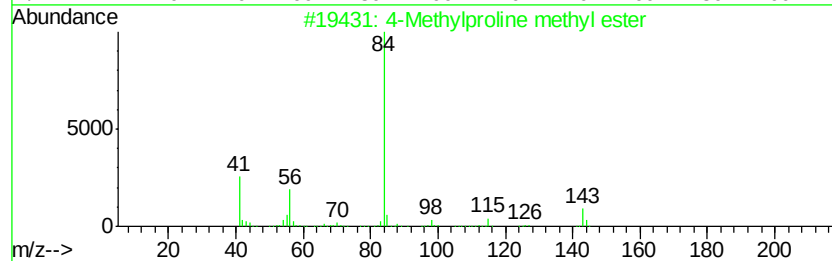
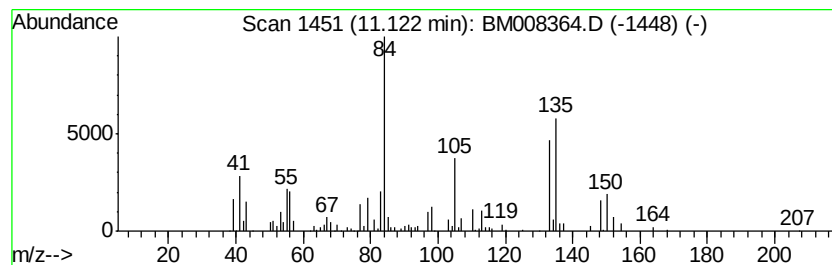
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-03 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	4.00 ng/ul	380729	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylproline methyl ester	143	C7H13NO2	145730-69-4	12
2		n-Propylcyclopropanemethylamine	113	C7H15N	026389-60-6	12
3		4-Hydroxy-6,6-dimethyl-cyclohex-...	140	C8H12O2	1000190-86-7	12
4		1-(4-Hydroxymethylphenyl)ethanone	150	C9H10O2	075633-63-5	11
5		2-Cyclohexen-1-ol, 3-methyl-6-(1...	154	C10H18O	016721-38-3	10



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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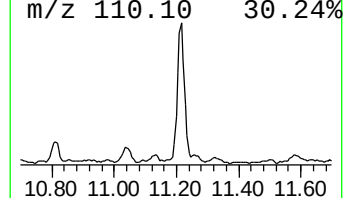
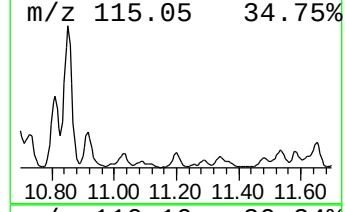
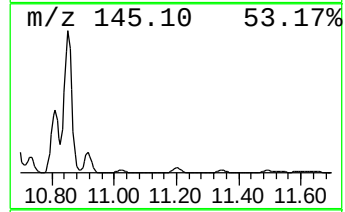
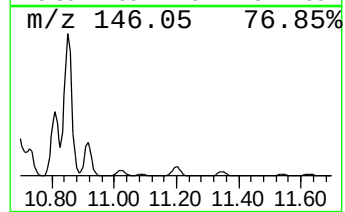
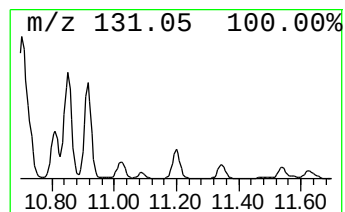
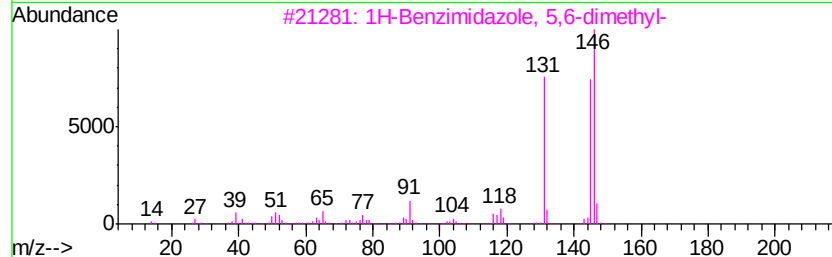
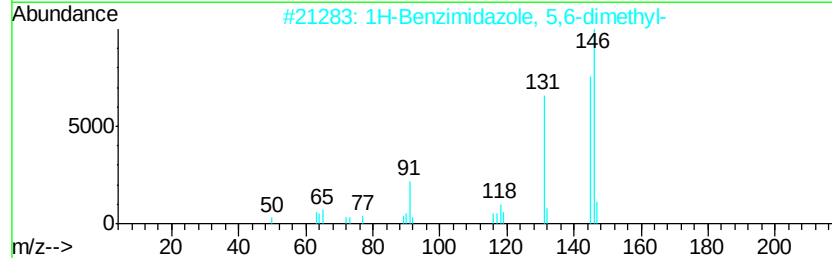
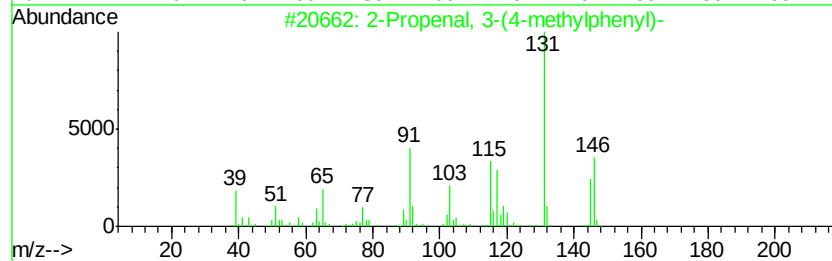
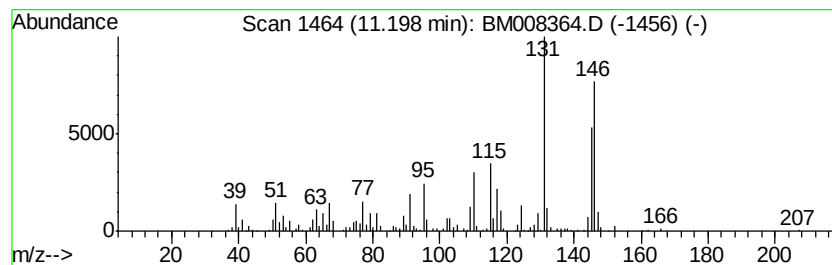
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 2-Propenal, 3-(4-methylphen... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	13.35 ng/ul	1270360	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	58
2		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53
3		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	52
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	49
5		2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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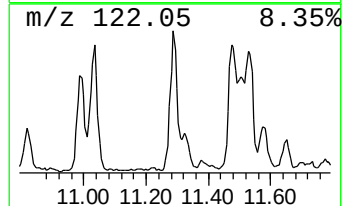
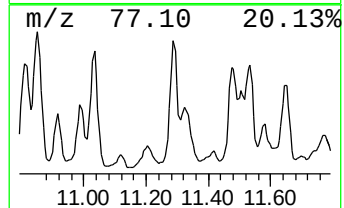
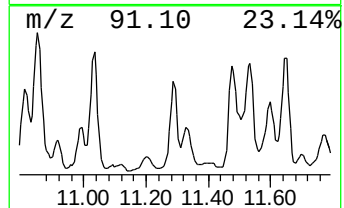
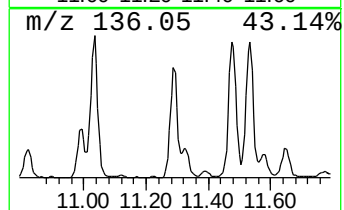
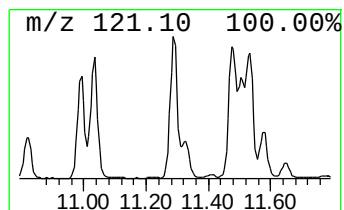
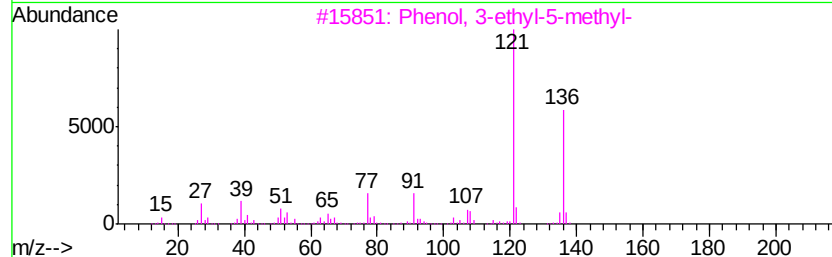
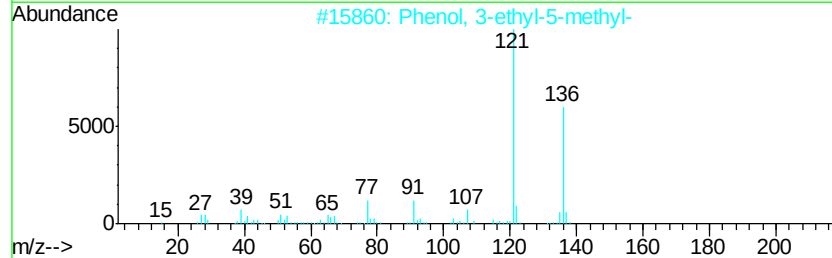
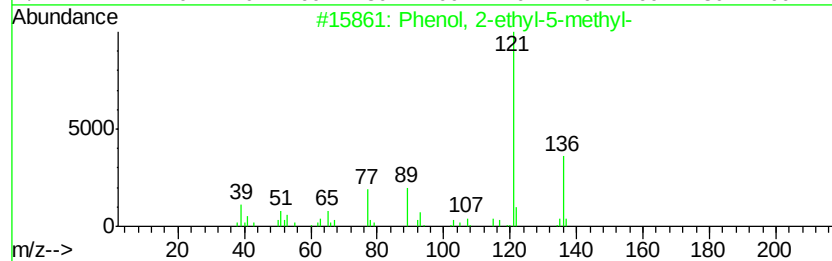
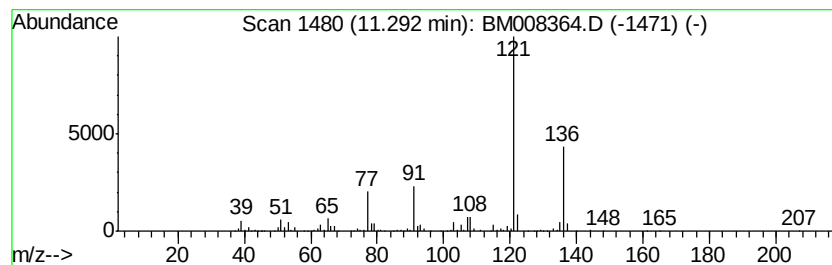
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Phenol, 2-ethyl-5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	20.74 ng/ul	1972970	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2		Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
3		Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
4		Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
5		Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008364.D
Acq On : 16 Dec 2016 03:52
Operator : UM/SJ
Sample : H6039-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T4

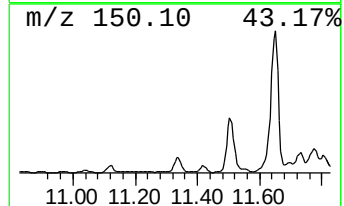
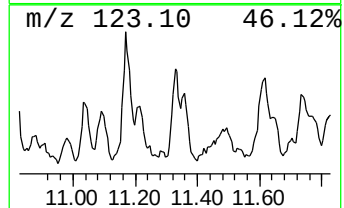
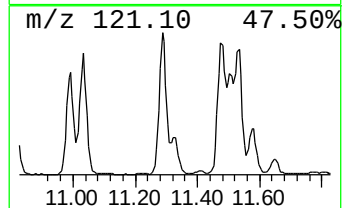
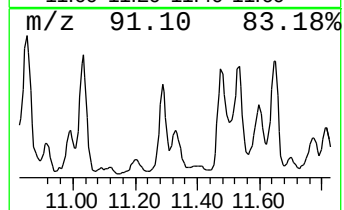
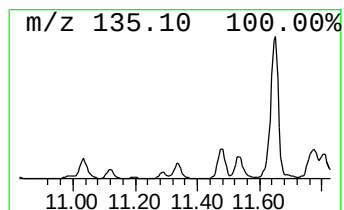
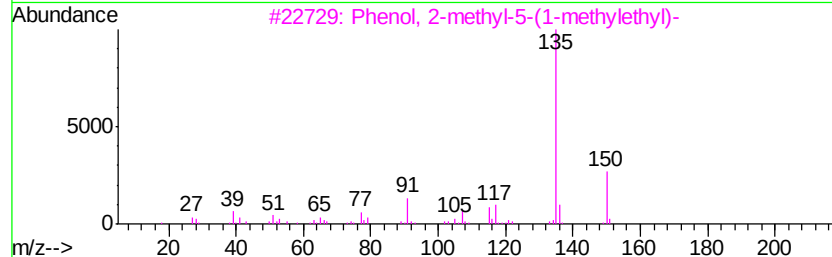
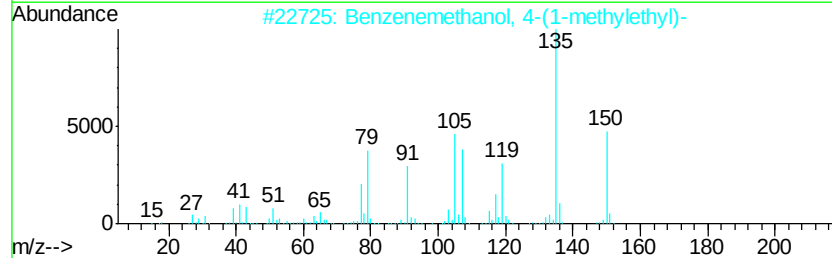
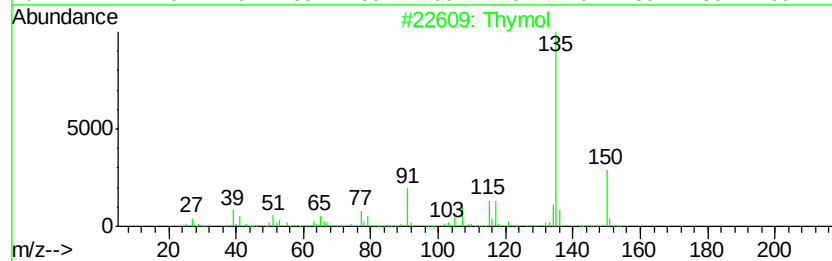
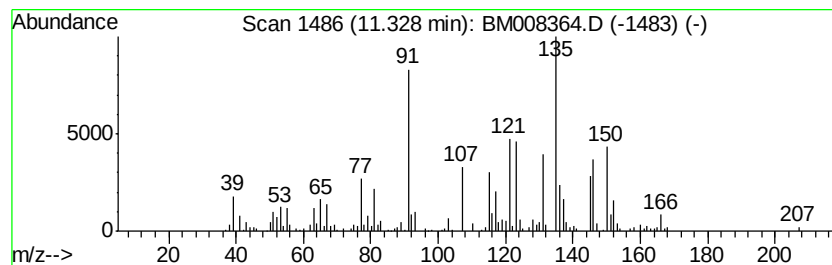
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-04 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	10.27 ng/ul	977324	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thymol	150	C10H14O	000089-83-8	45
2		Benzenemethanol, 4-(1-methylethyl)-	150	C10H14O	000536-60-7	43
3		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	43
4		4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	41
5		Benzenemethanol, 4-(1-methylethyl)-	150	C10H14O	000536-60-7	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
 Data File : BM008364.D
 Acq On : 16 Dec 2016 03:52
 Operator : UM/SJ
 Sample : H6039-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	7.07	7.1	ng/ul	441234	1	7.66	1247510	20.0
Benzene, 1,2,3-tr...	7.31	7.1	ng/ul	441083	1	7.66	1247510	20.0
2-Cyclopenten-1-o...	7.96	11.4	ng/ul	713490	1	7.66	1247510	20.0
1,3-Cyclopentaned...	8.63	13.3	ng/ul	830639	1	7.66	1247510	20.0
unknown-01	8.68	6.9	ng/ul	432107	1	7.66	1247510	20.0
Benzaldehyde, 4-m...	8.73	10.4	ng/ul	651109	1	7.66	1247510	20.0
2-Cyclopenten-1-o...	8.77	9.0	ng/ul	562209	1	7.66	1247510	20.0
Cyclopent-2-ene-1...	8.95	8.1	ng/ul	503942	1	7.66	1247510	20.0
Benzofuran, 2-met...	9.00	17.1	ng/ul	1068120	1	7.66	1247510	20.0
Phenol, 2,6-dimet...	9.08	22.5	ng/ul	2144040	2	10.44	1902490	20.0
unknown-02	9.43	4.5	ng/ul	425105	2	10.44	1902490	20.0
2-Hexanoylfuran	9.75	6.6	ng/ul	625712	2	10.44	1902490	20.0
Benzene, (2-methy...	9.84	17.5	ng/ul	1665600	2	10.44	1902490	20.0
2-Methylindene	9.96	14.3	ng/ul	1361990	2	10.44	1902490	20.0
Phenol, 2-ethyl-6...	10.27	23.3	ng/ul	2217510	2	10.44	1902490	20.0
3,5-Octadiene, 4,...	10.34	6.1	ng/ul	580749	2	10.44	1902490	20.0
1-Naphthalenol, 5...	10.69	35.3	ng/ul	3359730	2	10.44	1902490	20.0
1H-Benzimidazole,...	10.81	44.3	ng/ul	4216370	2	10.44	1902490	20.0
1H-Inden-1-one, 2...	10.92	18.0	ng/ul	1714120	2	10.44	1902490	20.0
Phenol, 2,3,6-tri...	11.03	28.7	ng/ul	2731320	2	10.44	1902490	20.0
unknown-03	11.12	4.0	ng/ul	380729	2	10.44	1902490	20.0
2-Propenal, 3-(4-...	11.20	13.4	ng/ul	1270360	2	10.44	1902490	20.0
Phenol, 2-ethyl-5...	11.29	20.7	ng/ul	1972970	2	10.44	1902490	20.0
unknown-04	11.33	10.3	ng/ul	977324	2	10.44	1902490	20.0