

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
 Data File : BM008380.D
 Acq On : 16 Dec 2016 19:13
 Operator : UM/SJ
 Sample : H6039-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S6

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	5.204	436	445	453	rBV	258577	404479	5.95%	0.317%
2	5.340	458	468	469	rBV	451558	655700	9.65%	0.514%
3	5.469	485	490	494	rBV	237965	358030	5.27%	0.280%
4	5.698	521	529	533	rBV	288692	451188	6.64%	0.353%
5	6.645	685	690	695	rBV	259774	370547	5.45%	0.290%
6	6.751	703	708	713	rBV	283064	445449	6.55%	0.349%
7	6.810	713	718	723	rVV	409420	586480	8.63%	0.459%
8	6.887	723	731	737	rVV2	337108	627388	9.23%	0.491%
9	7.010	747	752	754	rBV	378578	552515	8.13%	0.433%
10	7.045	754	758	770	rVB2	574822	1190811	17.52%	0.933%
11	7.204	780	785	791	rVB	382628	630590	9.28%	0.494%
12	7.304	796	802	811	rVV	884291	1422091	20.92%	1.114%
13	7.663	853	863	872	rBV2	469211	951845	14.00%	0.746%
14	7.769	872	881	888	rVB2	477146	930691	13.69%	0.729%
15	7.951	906	912	919	rBV3	467364	892937	13.14%	0.699%
16	8.022	919	924	937	rVB	590639	1006103	14.80%	0.788%
17	8.134	937	943	948	rBV3	194300	349405	5.14%	0.274%
18	8.192	948	953	960	rVB	369717	591728	8.70%	0.463%
19	8.286	960	969	971	rBV2	506772	848870	12.49%	0.665%
20	8.316	971	974	981	rVB2	438374	790154	11.62%	0.619%
21	8.381	981	985	991	rVB	325532	518958	7.63%	0.406%
22	8.445	991	996	1002	rVB2	238544	363663	5.35%	0.285%
23	8.592	1015	1021	1024	rBV2	227613	414741	6.10%	0.325%
24	8.645	1024	1030	1034	rVB3	163577	355177	5.22%	0.278%
25	8.745	1039	1047	1051	rBV2	486224	1214208	17.86%	0.951%
26	8.822	1056	1060	1072	rVB2	1047812	1853631	27.27%	1.452%
27	8.945	1072	1081	1084	rBV2	173751	399445	5.88%	0.313%
28	8.998	1084	1090	1098	rVB2	466574	1023107	15.05%	0.801%
29	9.081	1098	1104	1107	rBV	1032761	1855146	27.29%	1.453%
30	9.110	1107	1109	1116	rVV	802925	1529688	22.50%	1.198%
31	9.186	1116	1122	1132	rVV	2316674	3854551	56.70%	3.019%
32	9.322	1140	1145	1150	rVB	204486	336894	4.96%	0.264%
33	9.428	1158	1163	1170	rVB2	420109	667999	9.83%	0.523%
34	9.539	1176	1182	1192	rVB3	446445	1036269	15.24%	0.812%

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35	9.633	1192	1198	1201	rBV3	635784	1106835	16.28%	0.867%
36	9.681	1202	1206	1213	rVV3	638844	1386750	20.40%	1.086%
37	9.745	1213	1217	1222	rVV	250033	376763	5.54%	0.295%
38	9.833	1226	1232	1241	rVV4	806699	1933807	28.45%	1.515%
39	9.945	1241	1251	1259	rVV2	1134534	2427405	35.71%	1.901%
40	10.086	1267	1275	1281	rVV4	812509	1972857	29.02%	1.545%
41	10.280	1301	1308	1313	rBV3	457809	1166607	17.16%	0.914%
42	10.339	1313	1318	1322	rVB5	232017	401109	5.90%	0.314%
43	10.433	1322	1334	1339	rBV2	537279	1684602	24.78%	1.319%
44	10.486	1339	1343	1348	rVB	729884	1196373	17.60%	0.937%
45	10.592	1356	1361	1372	rBV2	896524	2443601	35.95%	1.914%
46	10.680	1372	1376	1382	rBV2	1453935	3094779	45.53%	2.424%
47	10.804	1391	1397	1401	rBV	2175199	3983587	58.60%	3.120%
48	10.851	1401	1405	1411	rVV	4000624	6797776	100.00%	5.324%
49	10.910	1411	1415	1421	rVV	1302245	2085754	30.68%	1.634%
50	10.986	1422	1428	1431	rVV	653435	1075892	15.83%	0.843%
51	11.027	1431	1435	1440	rVV5	554455	986696	14.51%	0.773%
52	11.198	1456	1464	1470	rBV3	407628	818456	12.04%	0.641%
53	11.280	1470	1478	1483	rBV	799023	1407437	20.70%	1.102%
54	11.339	1483	1488	1492	rVV4	196318	371005	5.46%	0.291%
55	11.475	1505	1511	1516	rBV3	886062	1667862	24.54%	1.306%
56	11.527	1516	1520	1525	rVV3	772219	1475200	21.70%	1.155%
57	11.580	1525	1529	1533	rVV2	600319	985934	14.50%	0.772%
58	11.651	1537	1541	1547	rVB2	883386	1432372	21.07%	1.122%
59	11.774	1557	1562	1566	rVB2	338190	540257	7.95%	0.423%
60	11.851	1571	1575	1582	rVB2	612784	1023413	15.06%	0.802%
61	11.927	1582	1588	1593	rBV	292877	788330	11.60%	0.617%
62	11.992	1594	1599	1601	rBV	592788	893939	13.15%	0.700%
63	12.104	1614	1618	1623	rVB3	391848	584765	8.60%	0.458%
64	12.163	1623	1628	1631	rBV	1814093	2934318	43.17%	2.298%
65	12.327	1652	1656	1662	rVB	2131152	3416085	50.25%	2.676%
66	12.433	1662	1674	1681	rBV3	943024	2210955	32.52%	1.732%
67	12.522	1681	1689	1693	rVV4	597315	1469579	21.62%	1.151%
68	12.557	1693	1695	1700	rVB3	227073	325872	4.79%	0.255%
69	12.645	1705	1710	1715	rBV3	548131	859958	12.65%	0.674%
70	12.704	1715	1720	1728	rBV6	831208	1916014	28.19%	1.501%
71	12.886	1746	1751	1762	rVB7	345204	875708	12.88%	0.686%

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72	12.980	1762	1767	1770	rBV	446240	774234	11.39%	0.606%
73	13.021	1770	1774	1779	rVV5	397824	772175	11.36%	0.605%
74	13.080	1780	1784	1787	rVV3	276033	493929	7.27%	0.387%
75	13.127	1789	1792	1796	rVB	408477	569088	8.37%	0.446%
76	13.174	1796	1800	1805	rBV3	226394	411864	6.06%	0.323%
77	13.351	1827	1830	1836	rVB3	282409	512170	7.53%	0.401%
78	13.457	1843	1848	1850	rBV3	485756	835495	12.29%	0.654%
79	13.480	1850	1852	1860	rVB6	499824	860320	12.66%	0.674%
80	13.616	1870	1875	1880	rVV	649537	1242432	18.28%	0.973%
81	13.674	1881	1885	1890	rVV3	696586	1482389	21.81%	1.161%
82	13.721	1890	1893	1899	rVB	1221087	1721325	25.32%	1.348%
83	13.810	1903	1908	1912	rVV4	400077	716950	10.55%	0.562%
84	13.857	1912	1916	1919	rVV2	408871	624144	9.18%	0.489%
85	13.892	1919	1922	1926	rVB4	241533	334462	4.92%	0.262%
86	13.998	1935	1940	1949	rBV2	1231455	2455258	36.12%	1.923%
87	14.204	1967	1975	1983	rBV8	181695	562527	8.28%	0.441%
88	14.304	1983	1992	1997	rBV	917676	1586742	23.34%	1.243%
89	14.698	2055	2059	2065	rVB2	360034	596824	8.78%	0.467%
90	15.304	2156	2162	2166	rBV	1548392	2274531	33.46%	1.782%
91	15.351	2166	2170	2178	rVB3	316631	588746	8.66%	0.461%
92	15.462	2183	2189	2195	rVB2	483767	824417	12.13%	0.646%
93	17.057	2455	2460	2465	rVB	1031125	1448521	21.31%	1.135%
94	17.156	2471	2477	2484	rVB2	1865031	2655577	39.07%	2.080%
95	17.256	2489	2494	2500	rBV	1432012	2416183	35.54%	1.892%
96	17.827	2586	2591	2594	rBV	239476	361850	5.32%	0.283%
97	19.456	2863	2868	2877	rBV	2422352	3380232	49.73%	2.648%
98	21.256	3169	3174	3179	rBV	1571917	1946951	28.64%	1.525%
99	23.344	3522	3529	3540	rVB2	1932353	3655765	53.78%	2.863%
100	23.485	3547	3553	3563	rVB	982342	1968462	28.96%	1.542%

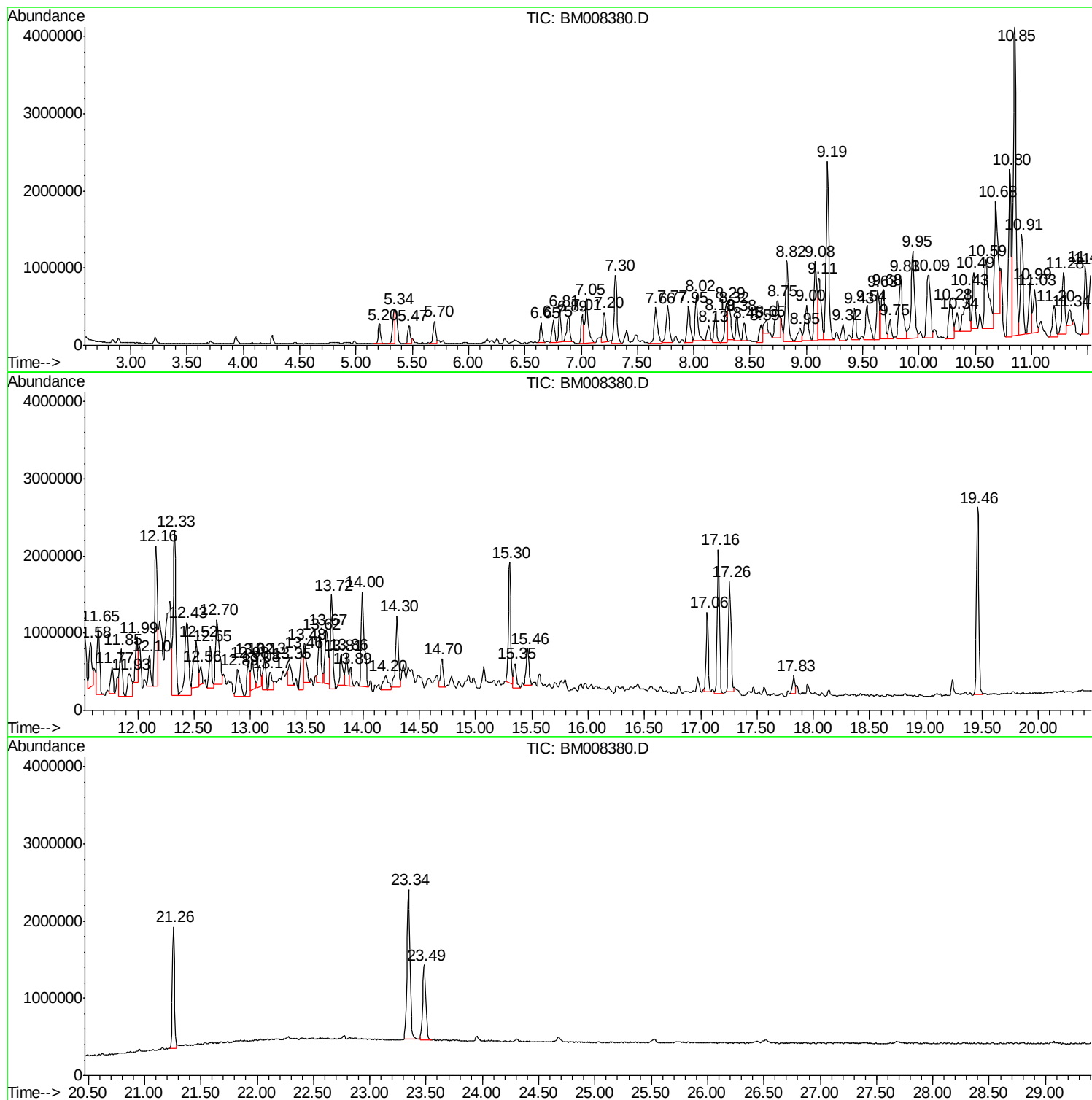
Sum of corrected areas: 127672693

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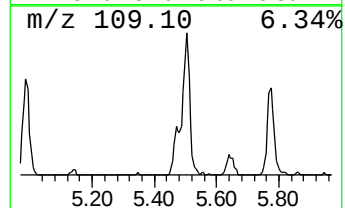
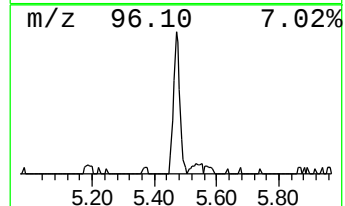
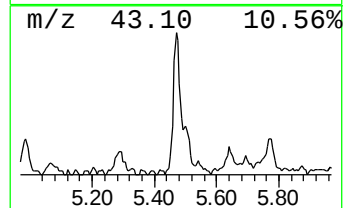
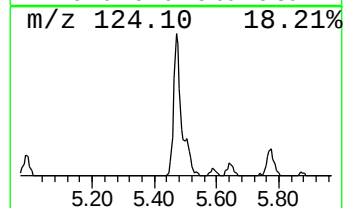
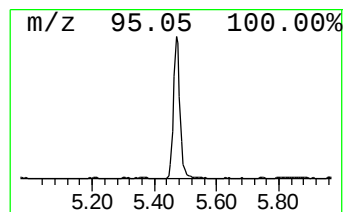
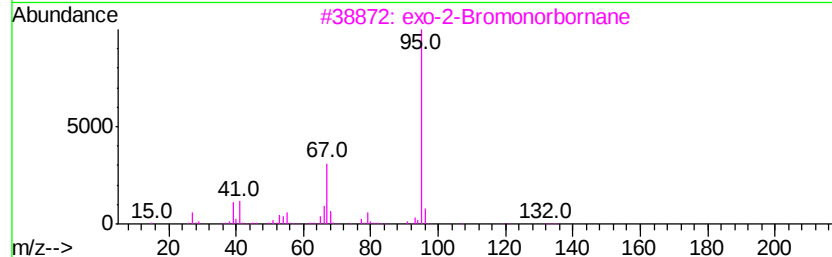
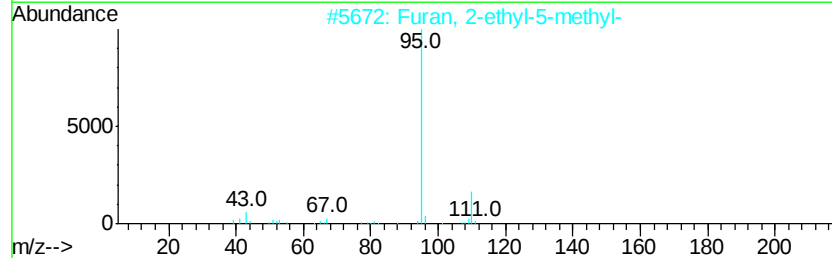
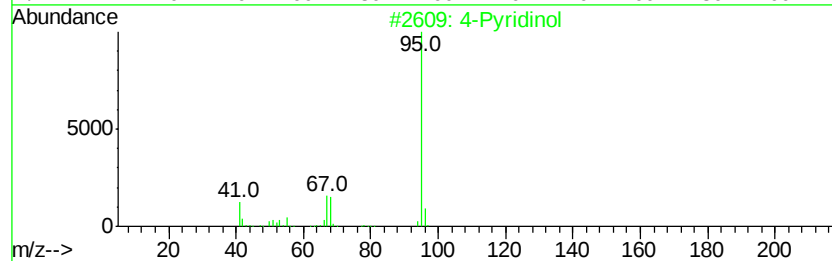
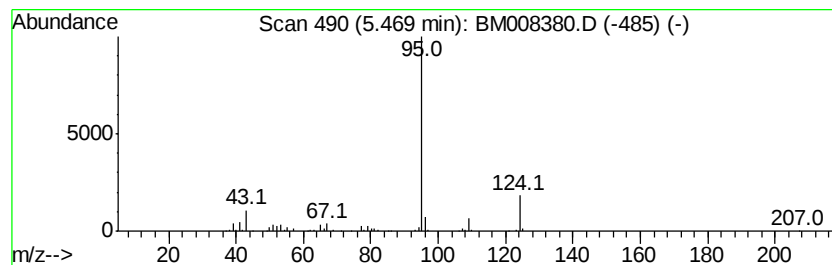
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4-Pyridinol Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	7.52 ng/ul	358030	1,4-Dichlorobenzene-d4	7.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Pyridinol	95	C5H5NO	000626-64-2	59
2		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	50
3		exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	39
4		2-Pyrimidinamine	95	C4H5N3	000109-12-6	38
5		2-Norbornyl bromide	174	C7H11Br	029342-65-2	38



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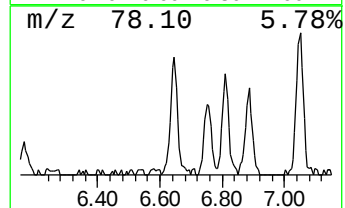
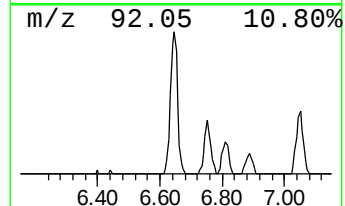
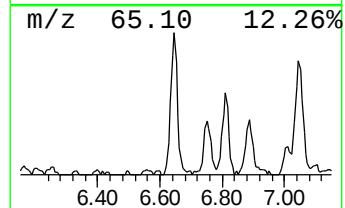
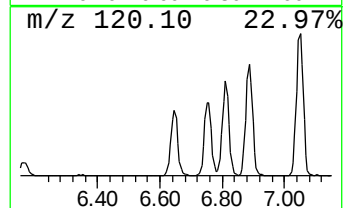
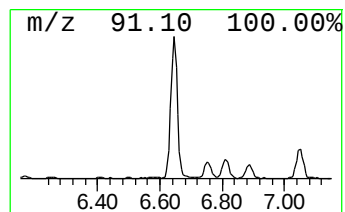
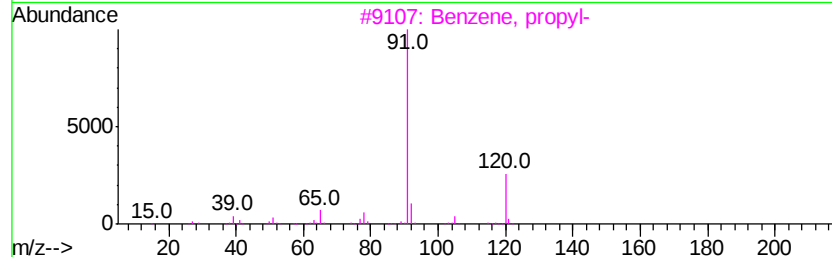
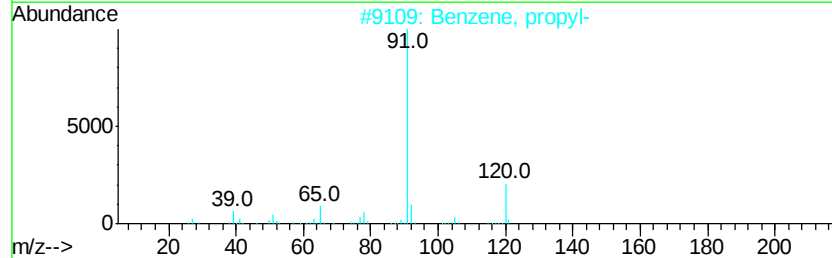
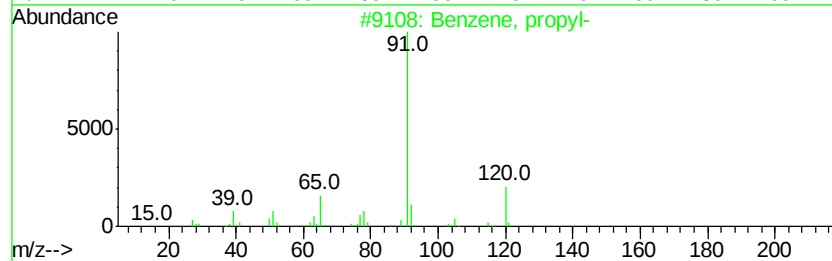
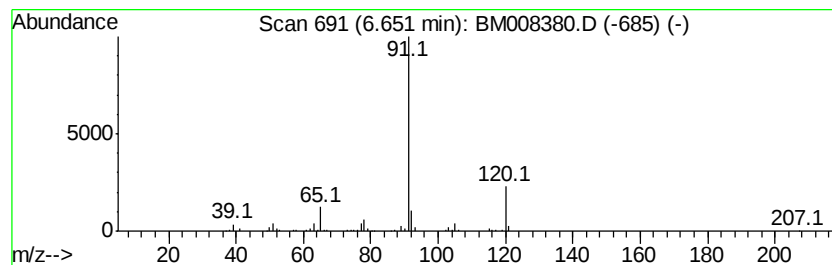
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, propyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	7.79 ng/ul	370547	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Benzene, propyl-	120	C9H12	000103-65-1	86
4		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5		1,2-Ethanediamine, N,N'-bis(phen...)	240	C16H20N2	000140-28-3	72



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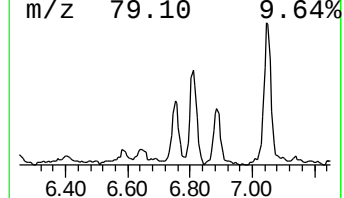
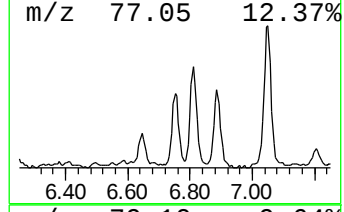
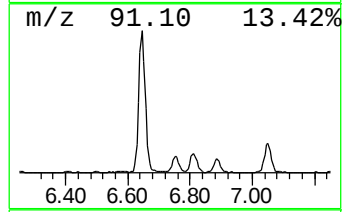
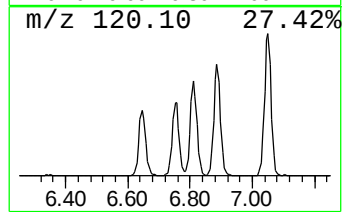
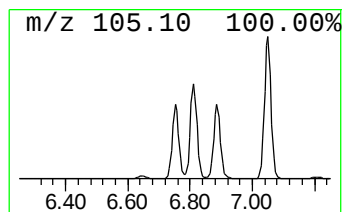
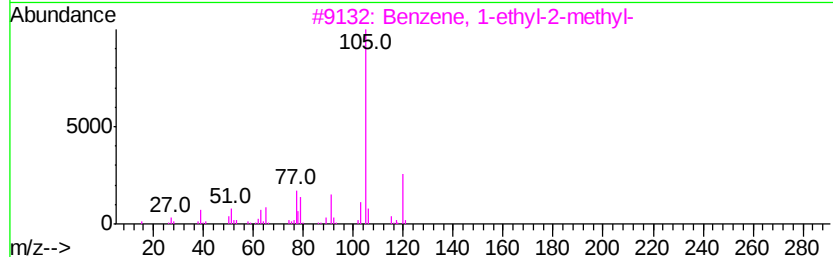
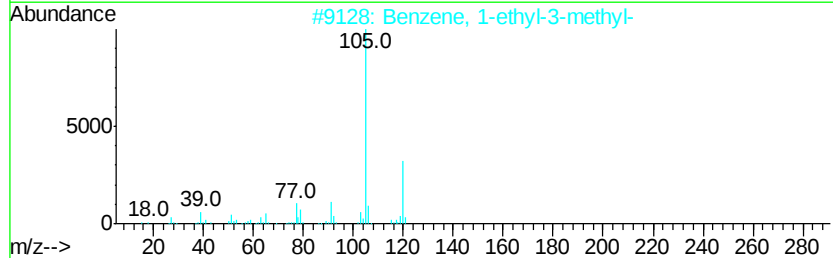
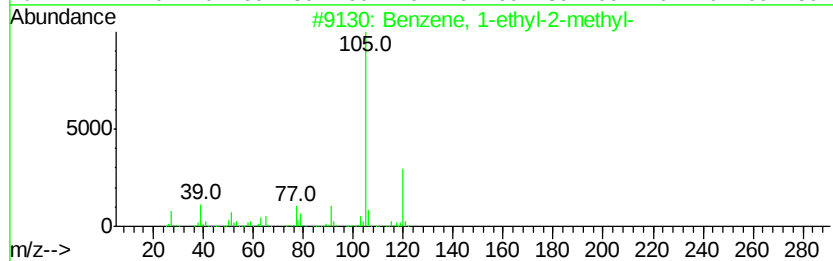
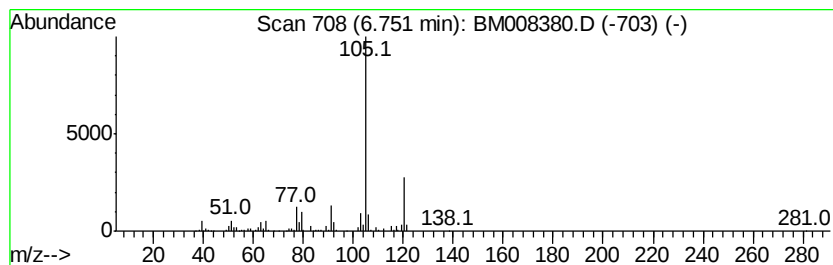
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	9.36 ng/ul	445449	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94



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Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
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ClientSampleId :
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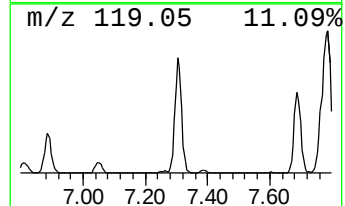
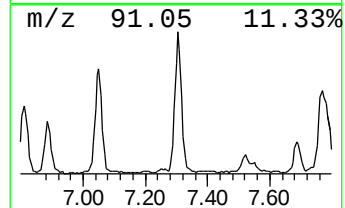
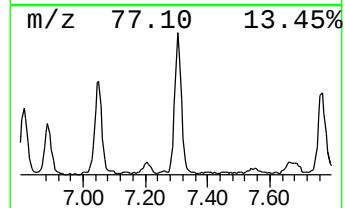
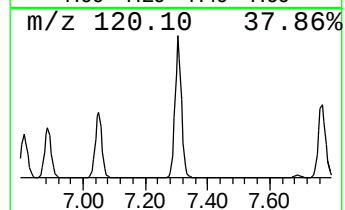
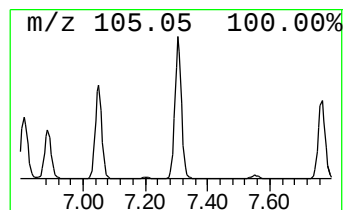
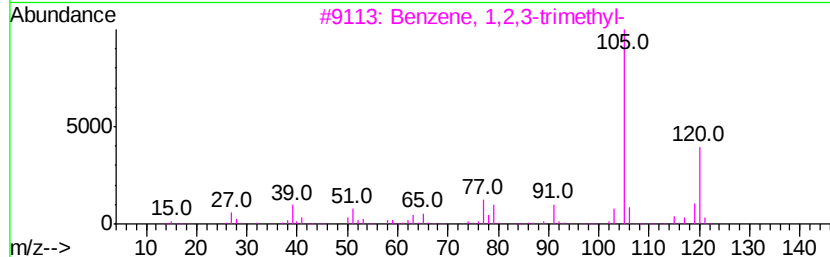
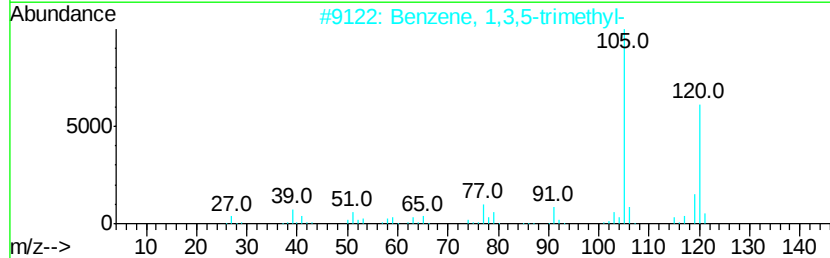
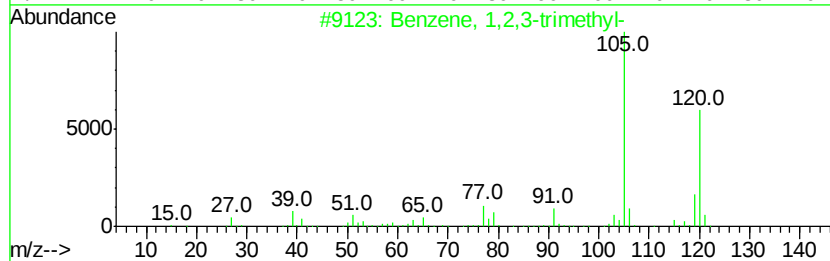
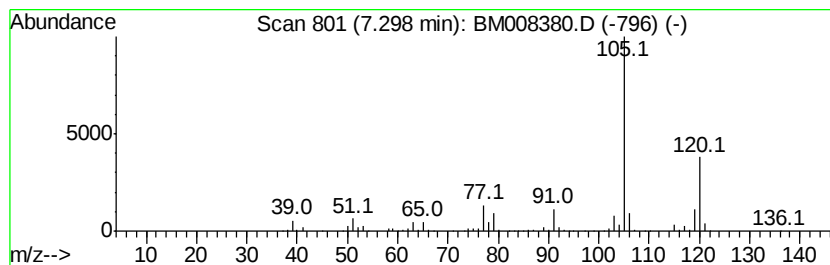
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	29.88 ng/ul	1422090	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	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
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ClientSampleId :
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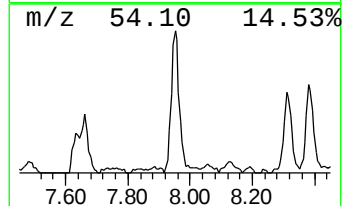
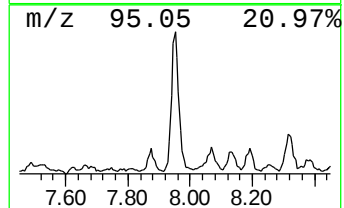
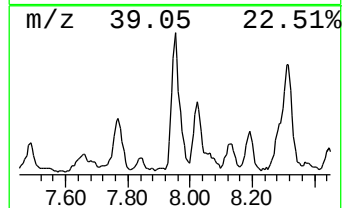
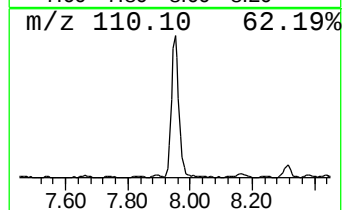
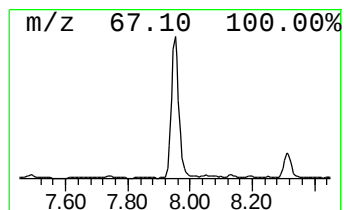
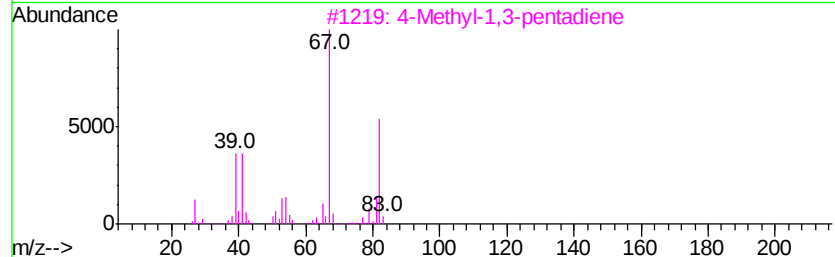
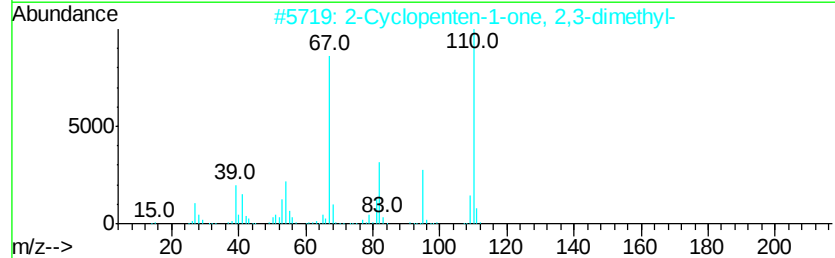
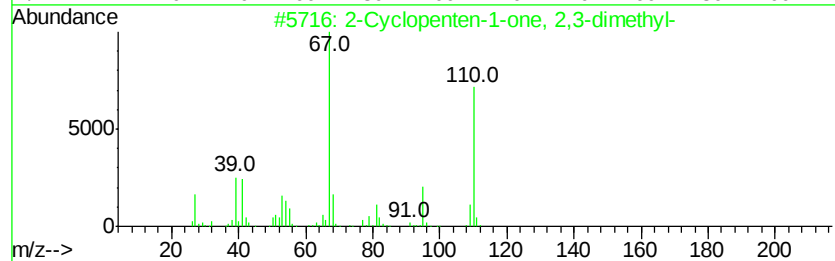
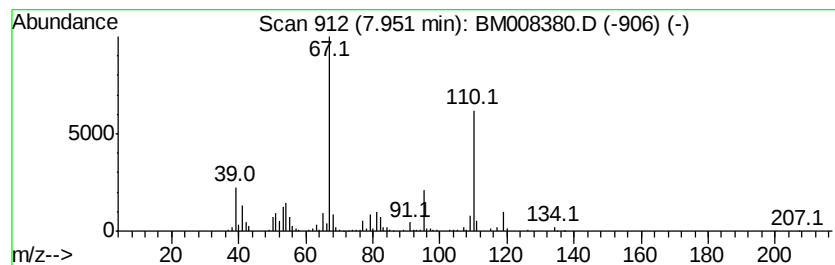
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	18.76 ng/ul	892937	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	91
2			2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	62
3			4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	55
4			1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	55
5			Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	55



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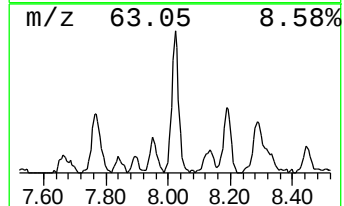
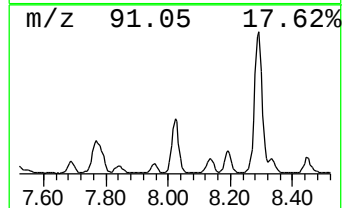
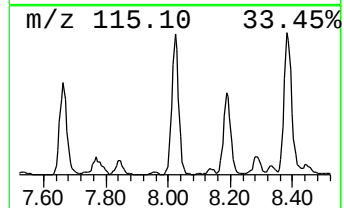
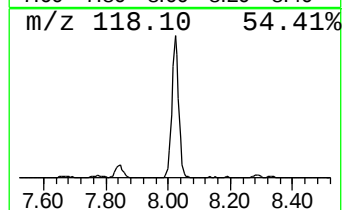
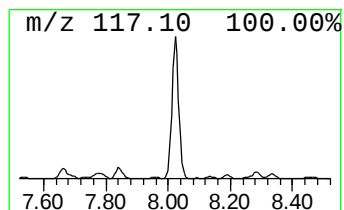
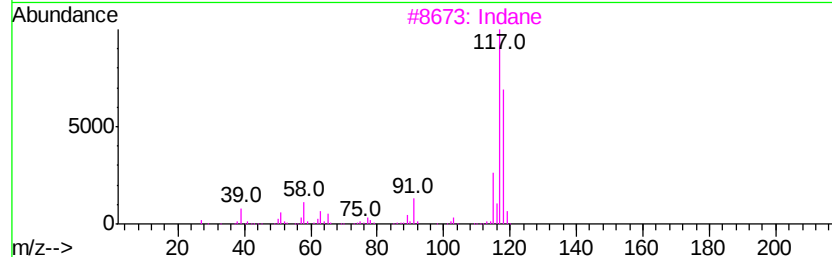
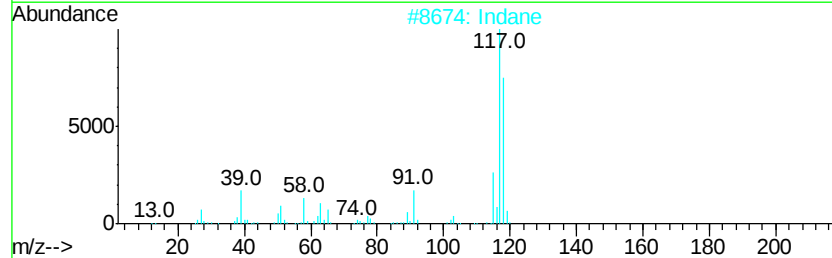
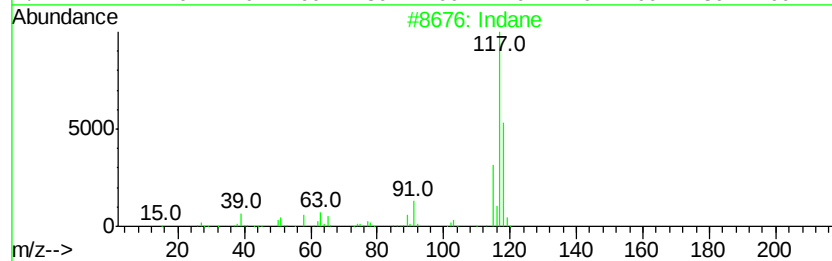
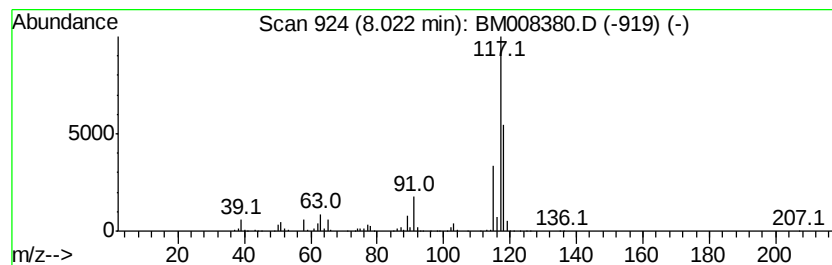
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	21.14 ng/ul	1006100	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	94
2	Indane			118	C9H10	000496-11-7	91
3	Indane			118	C9H10	000496-11-7	87
4	Deltacyclene			118	C9H10	007785-10-6	74
5	Benzene, cyclopropyl-			118	C9H10	000873-49-4	64



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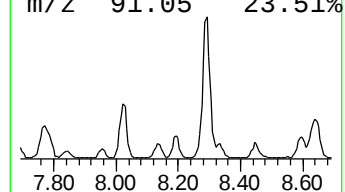
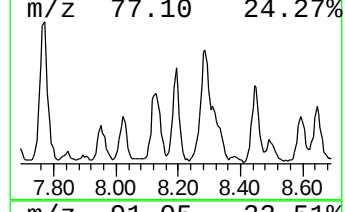
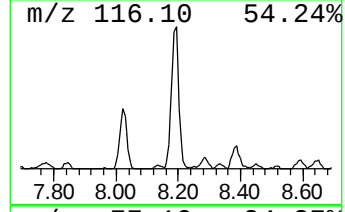
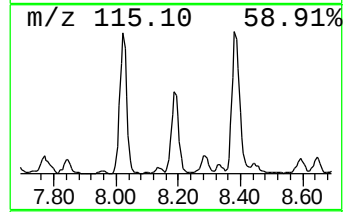
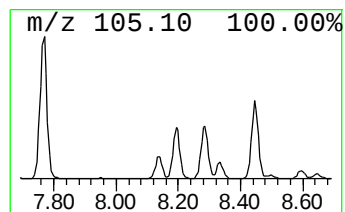
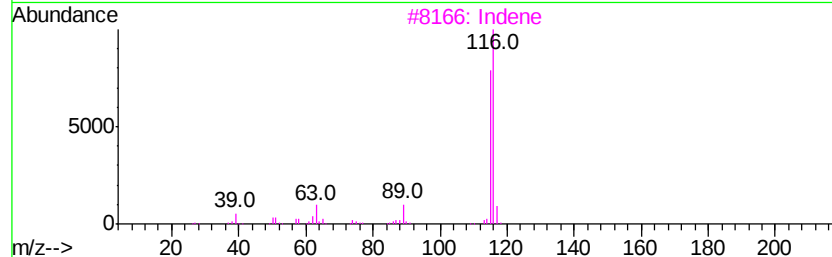
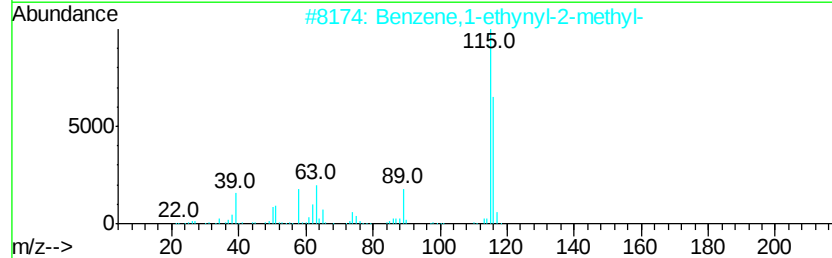
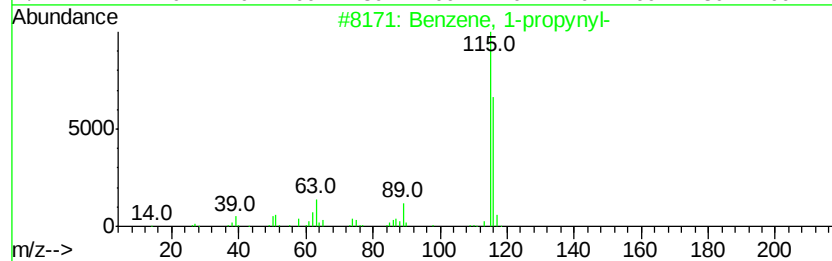
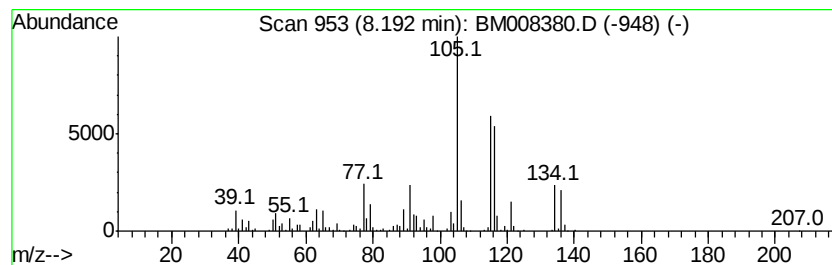
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1-propynyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	12.43 ng/ul	591728	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83
2		Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	41
3		Indene	116	C9H8	000095-13-6	38
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	27



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ClientSampled :
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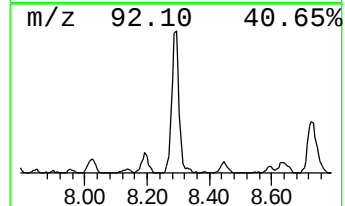
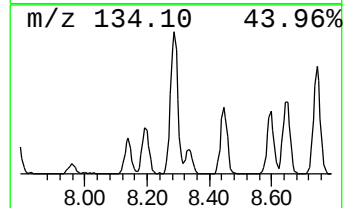
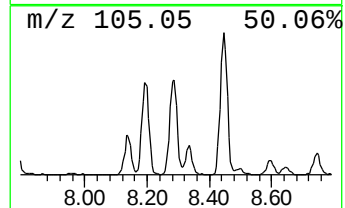
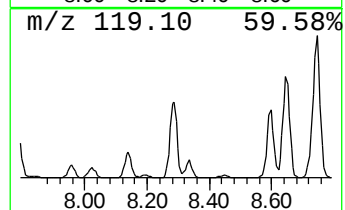
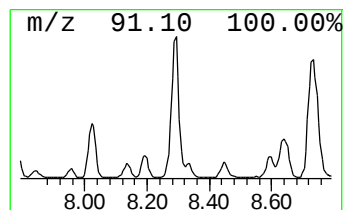
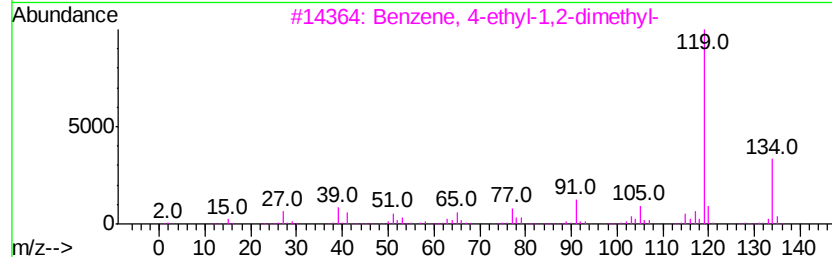
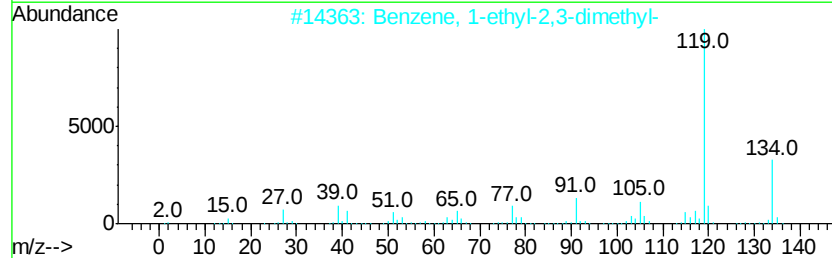
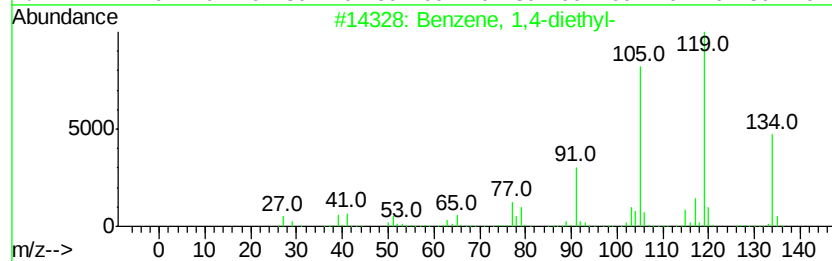
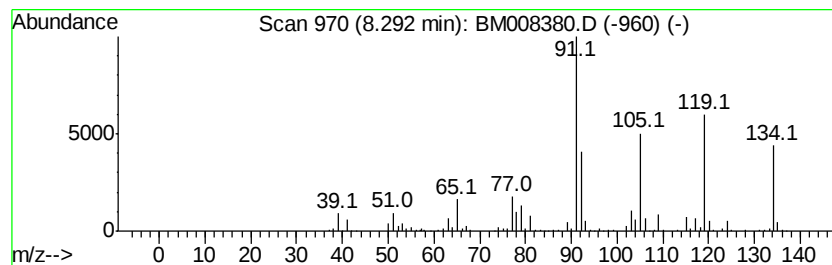
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	17.84 ng/ul	848870	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81



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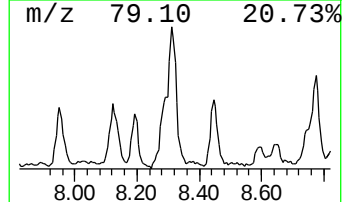
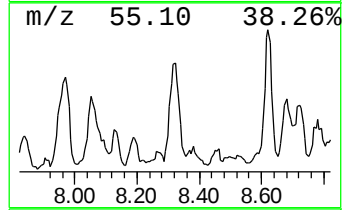
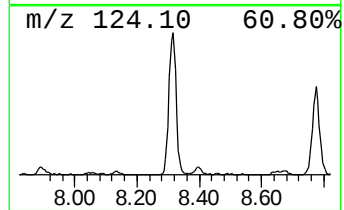
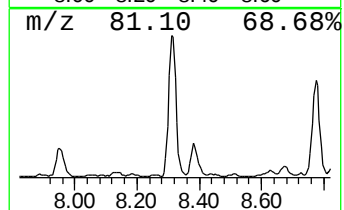
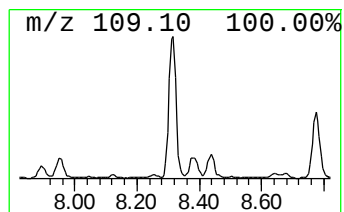
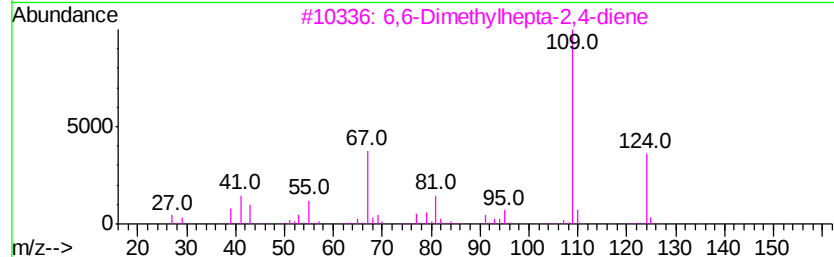
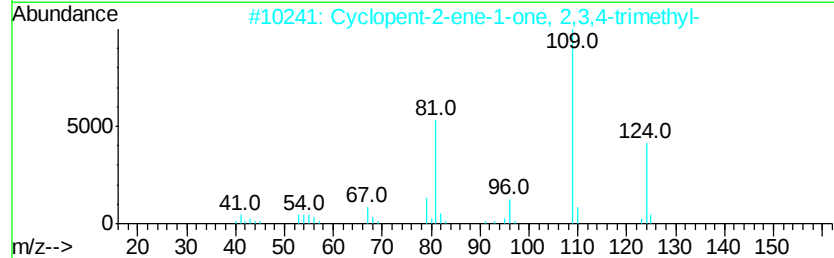
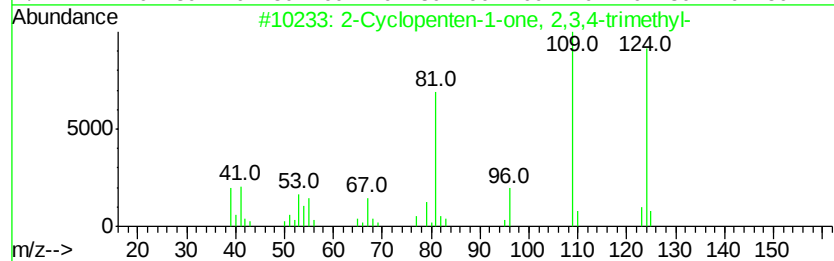
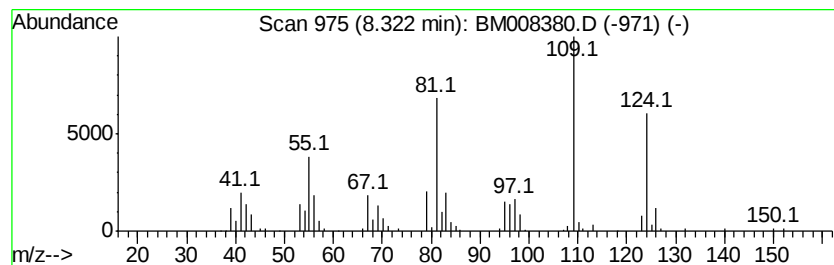
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	16.60 ng/ul	790154	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	87
2		Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	87
3		6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	64
4		5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	64
5		2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
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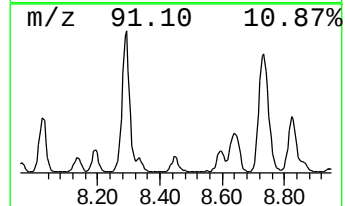
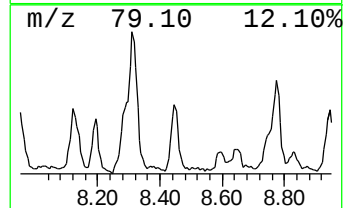
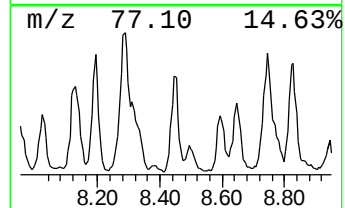
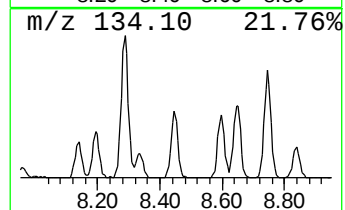
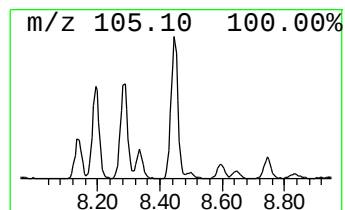
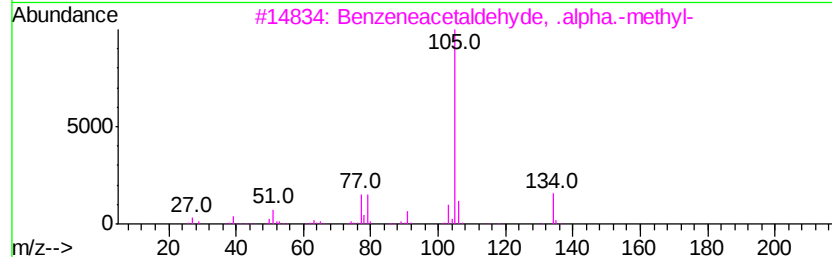
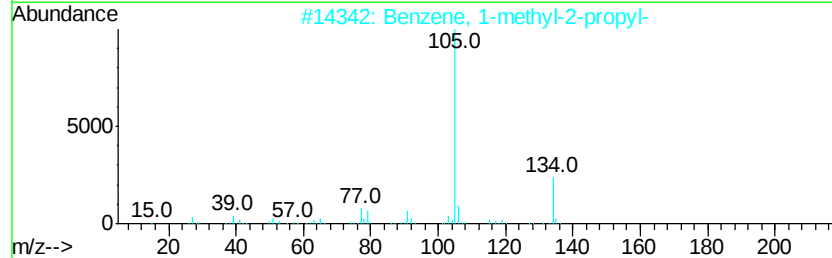
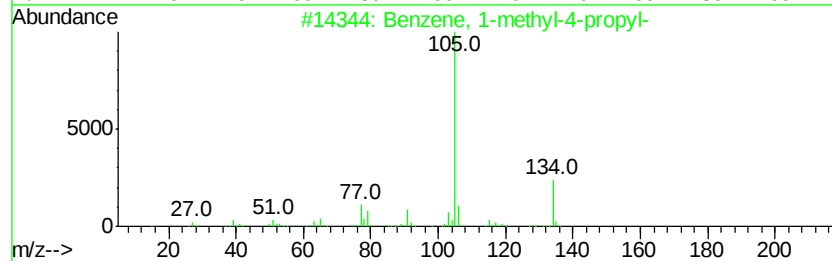
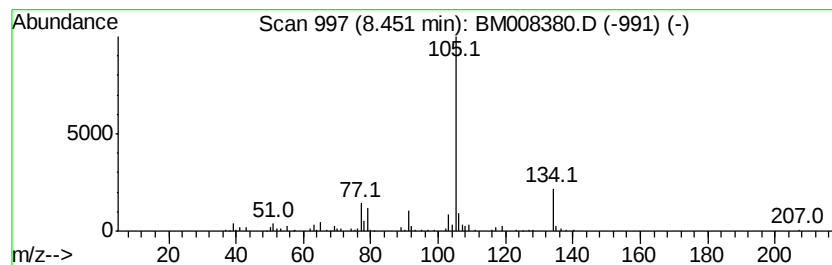
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	7.64 ng/ul	363663	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8S6

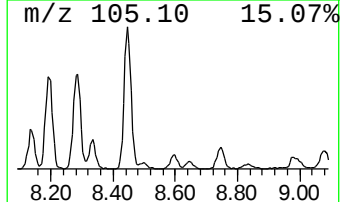
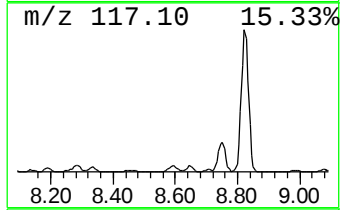
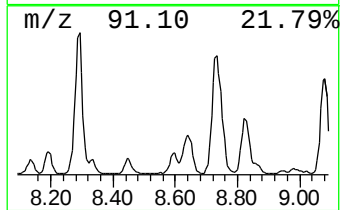
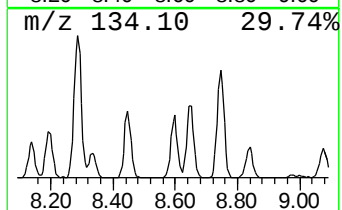
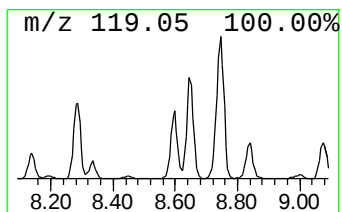
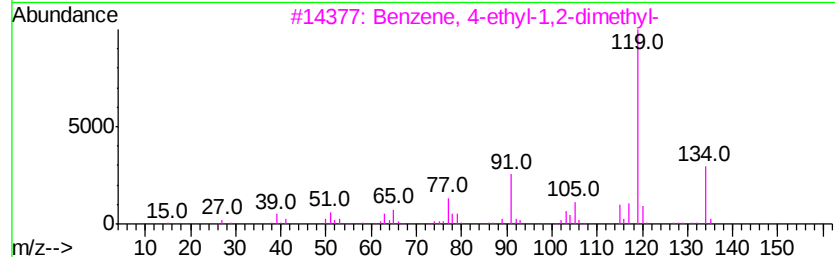
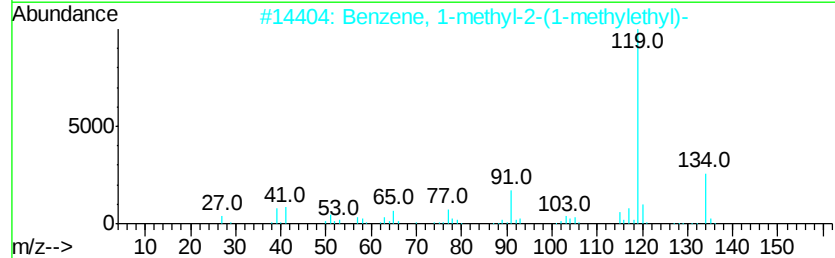
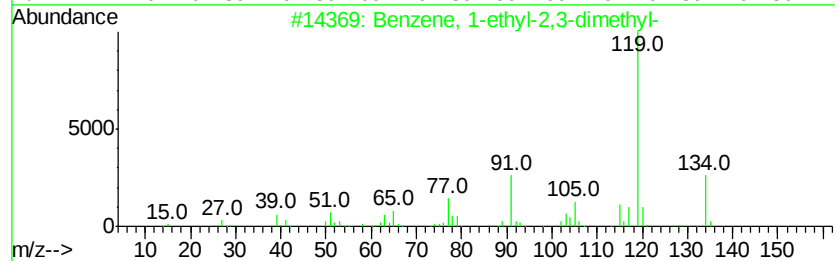
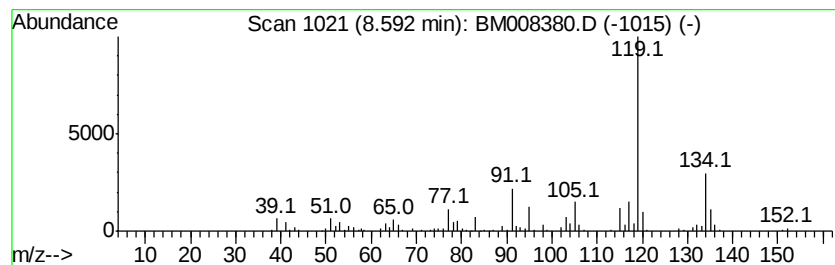
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	8.71 ng/ul	414741	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8S6

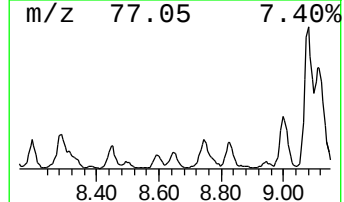
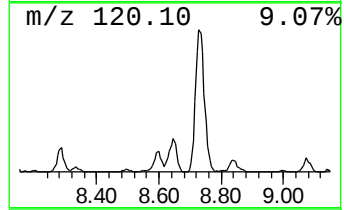
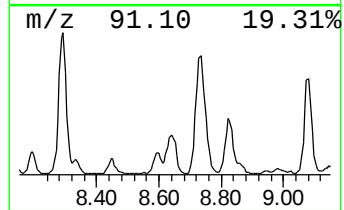
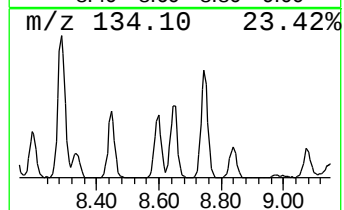
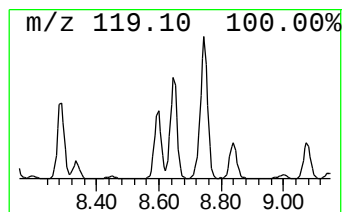
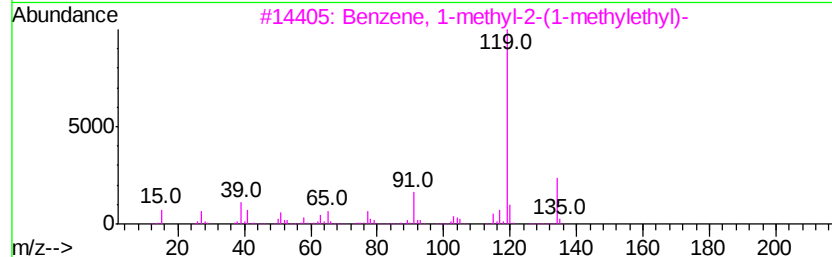
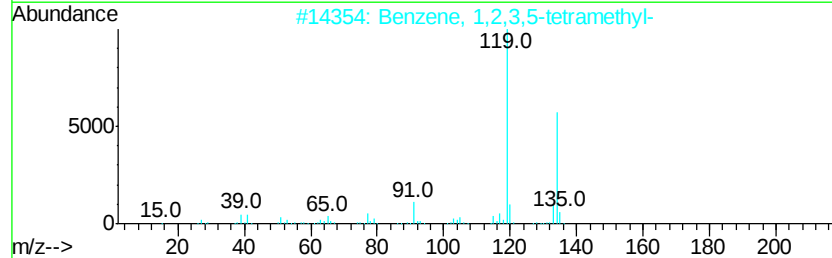
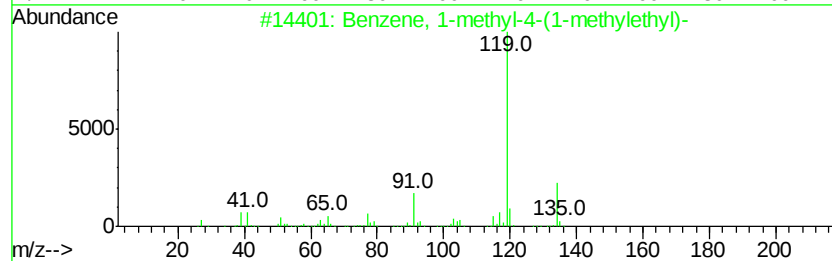
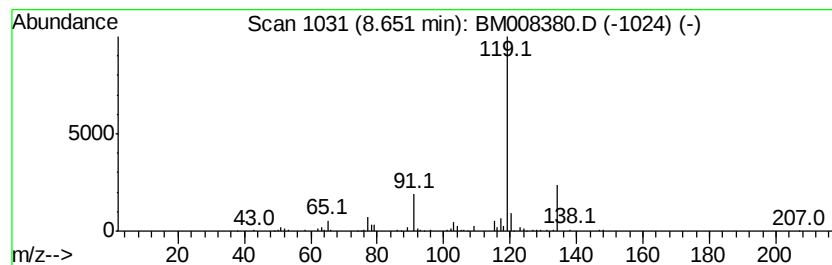
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	7.46 ng/ul	355177	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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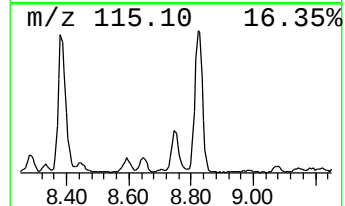
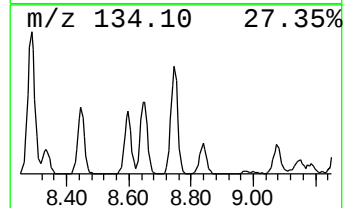
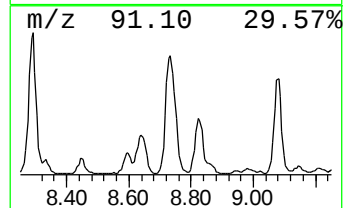
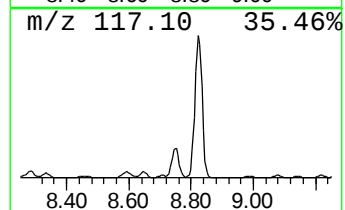
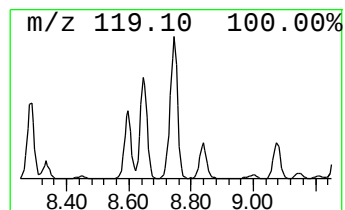
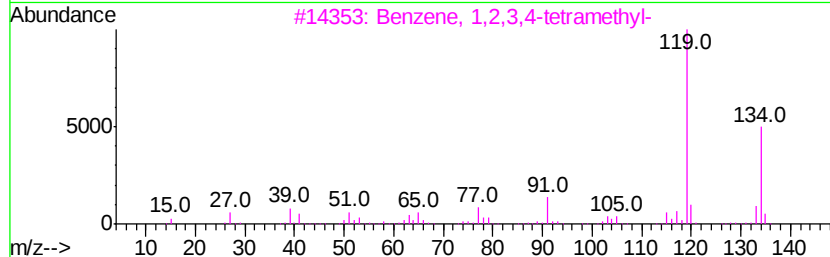
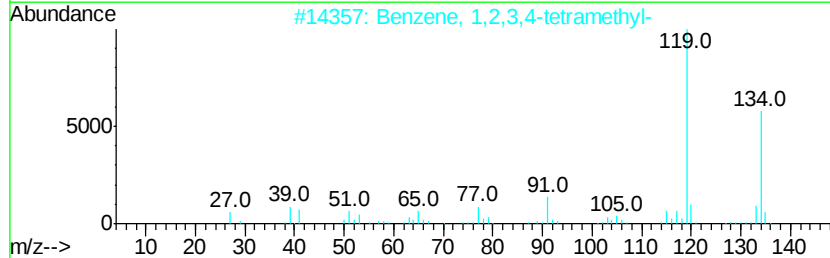
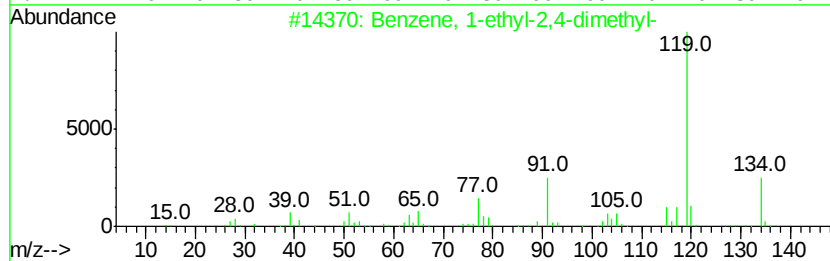
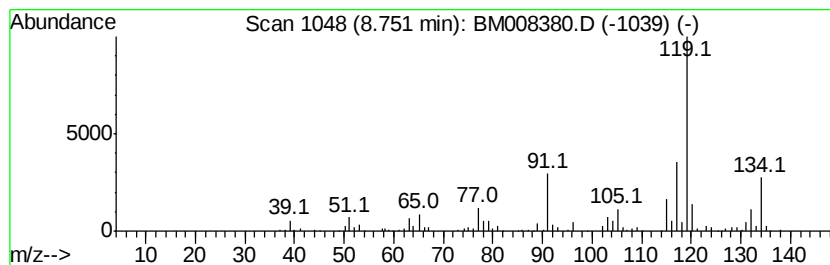
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	25.51 ng/ul	1214210	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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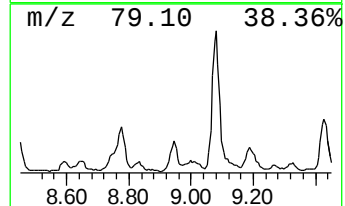
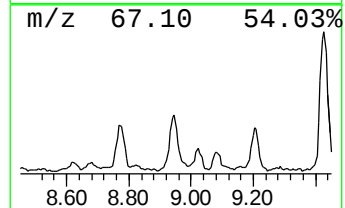
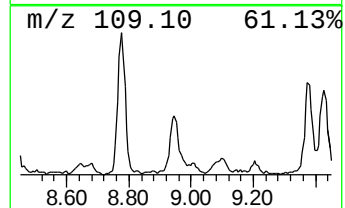
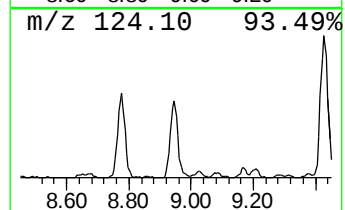
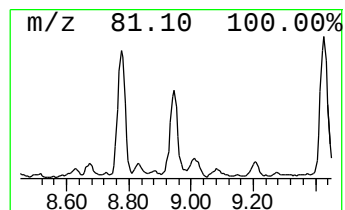
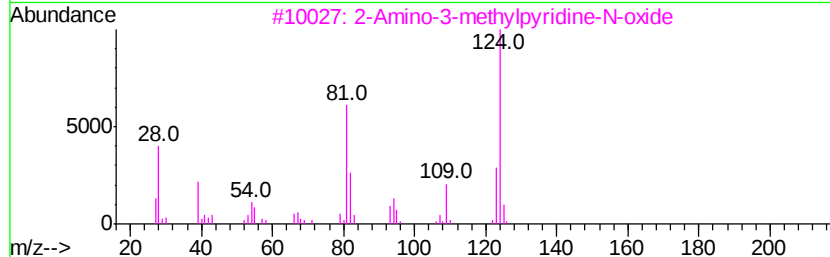
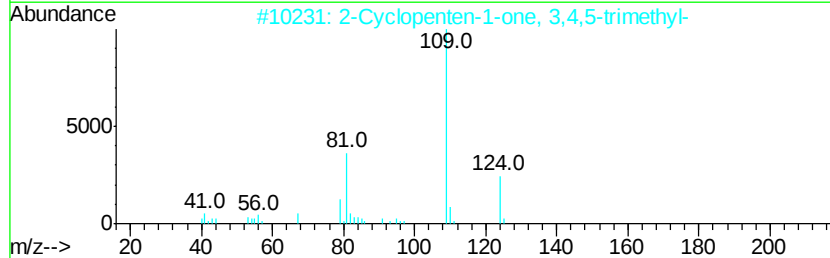
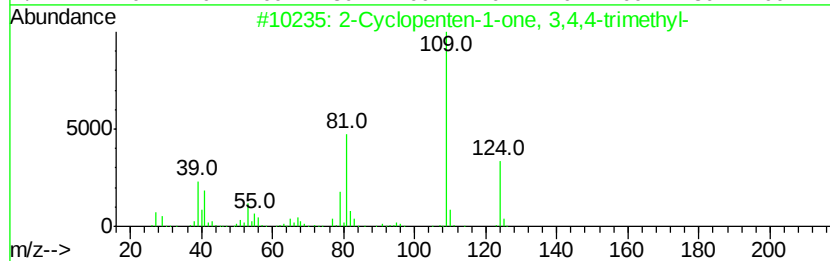
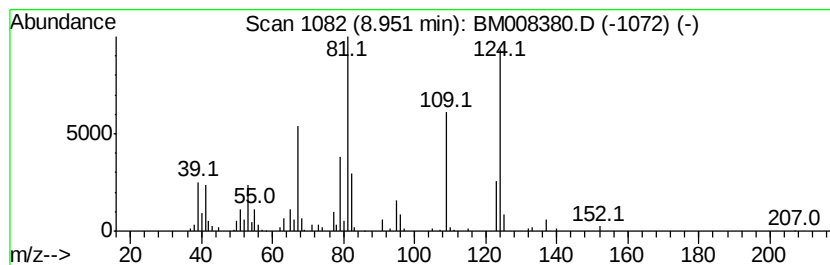
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2-Cyclopenten-1-one, 3,4,4-... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	8.39 ng/ul	399445	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	53
2		2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	50
3		2-Amino-3-methylpyridine-N-oxide	124	C6H8N2O	053669-61-7	50
4		2-n-Butyl furan	124	C8H12O	004466-24-4	43
5		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
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Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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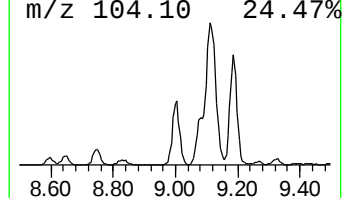
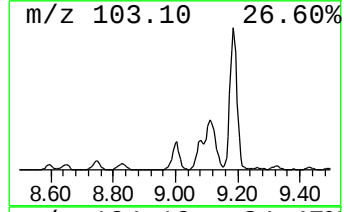
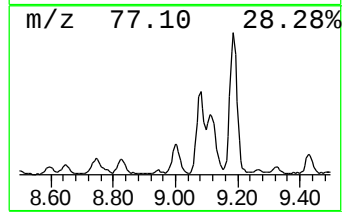
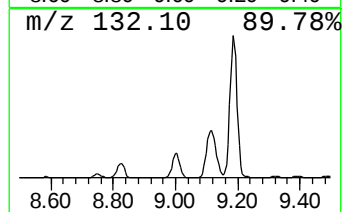
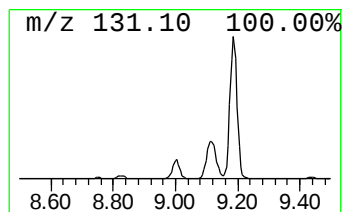
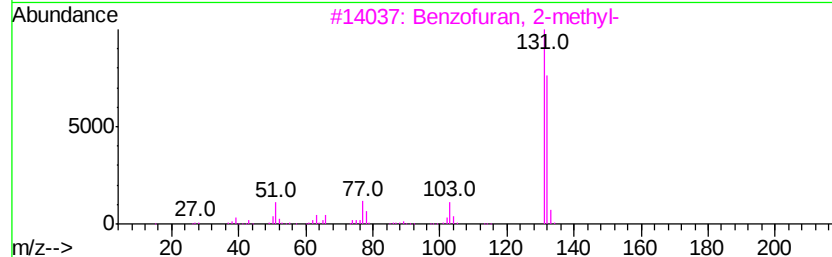
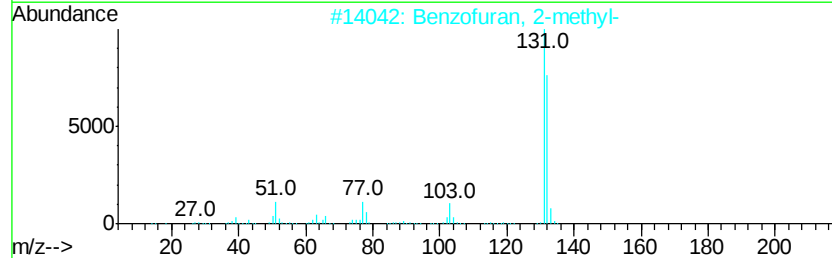
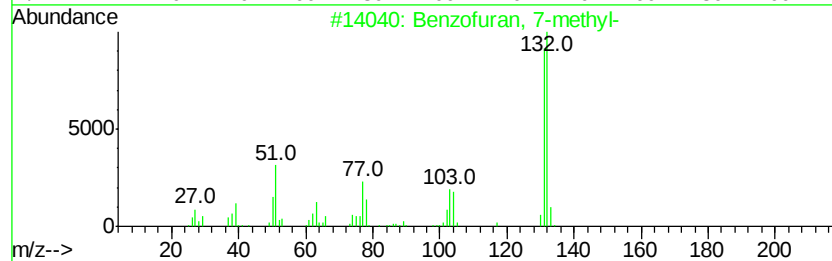
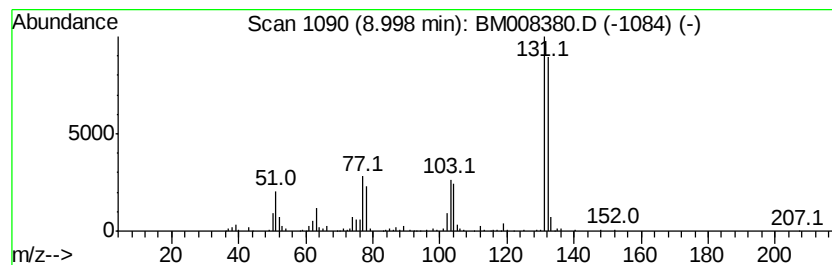
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzofuran, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	21.50 ng/ul	1023110	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
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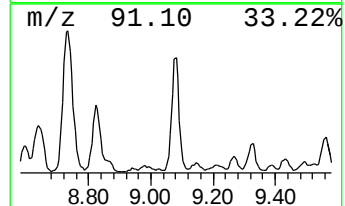
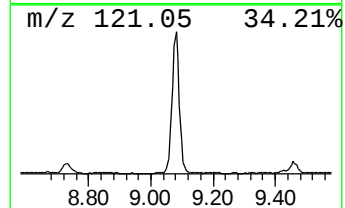
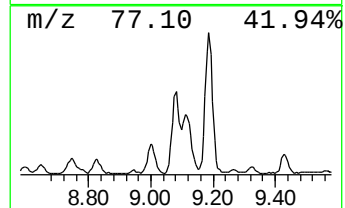
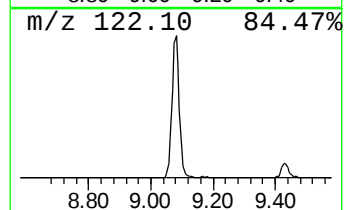
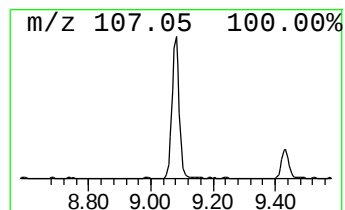
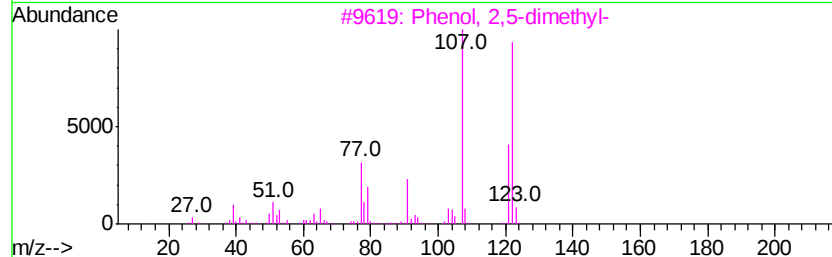
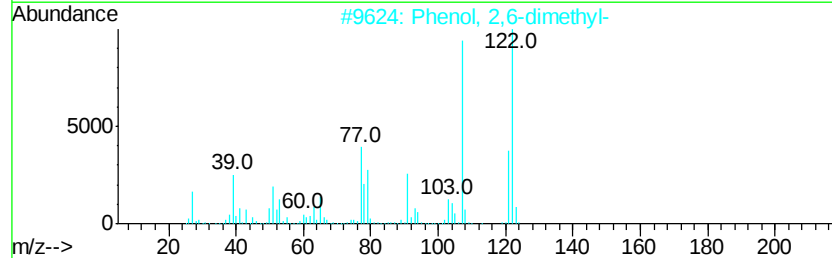
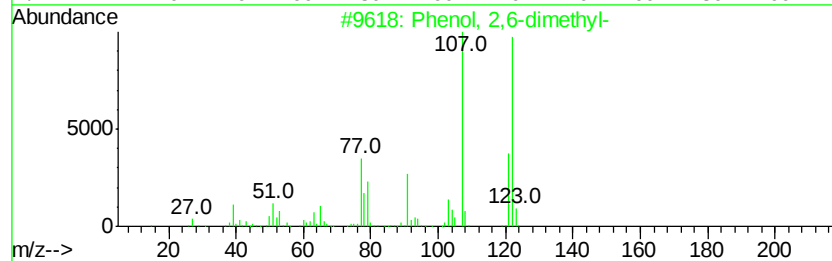
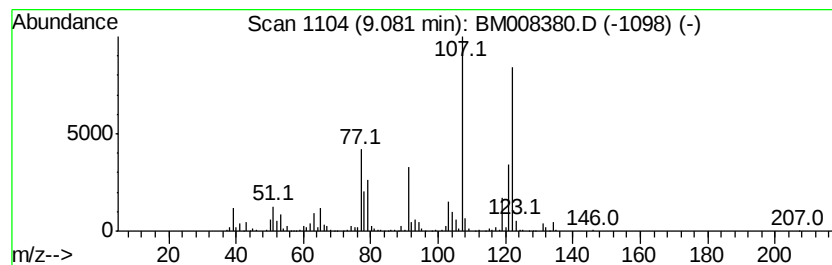
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Phenol, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	22.02 ng/ul	1855150	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
2		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
3		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
4		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
5		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
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Instrument :
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ClientSampleId :
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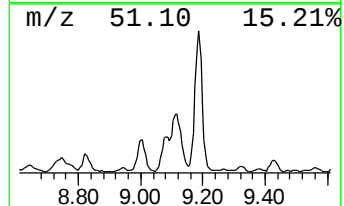
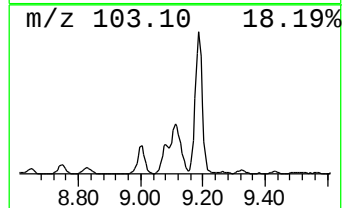
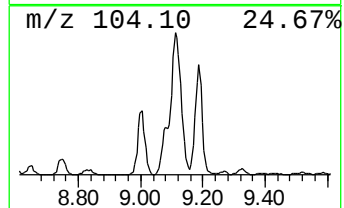
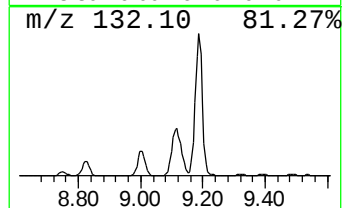
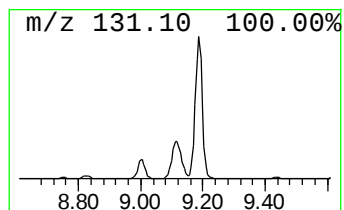
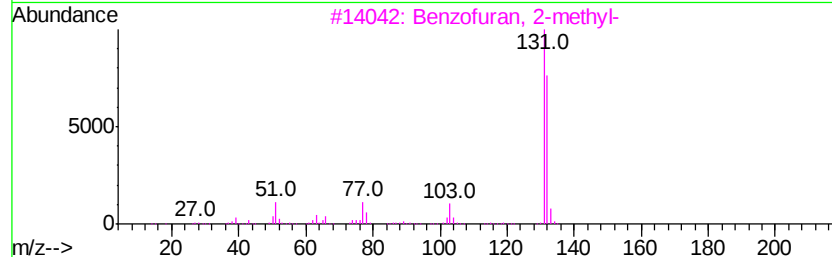
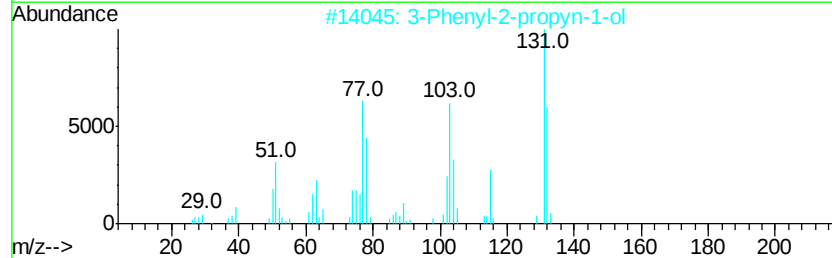
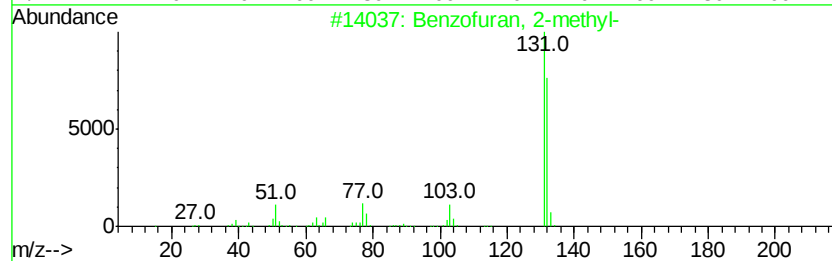
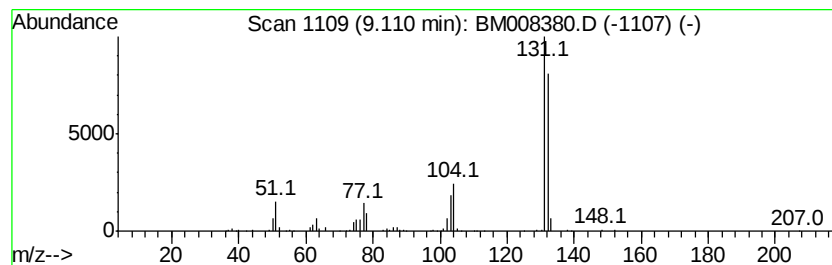
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzofuran, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	18.16 ng/ul	1529690	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
4		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	86
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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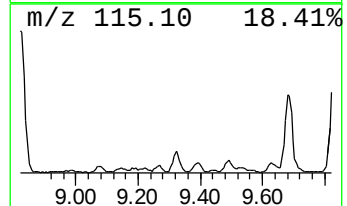
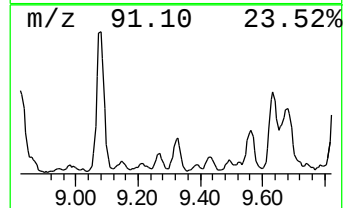
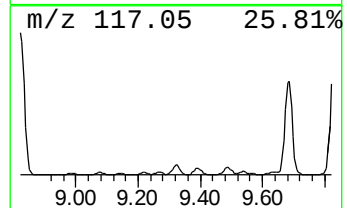
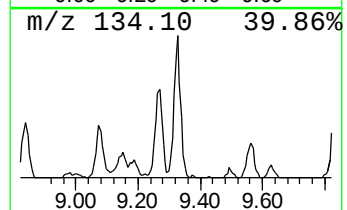
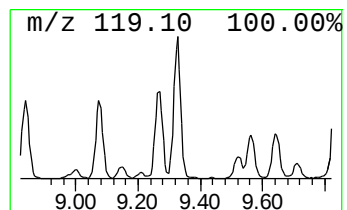
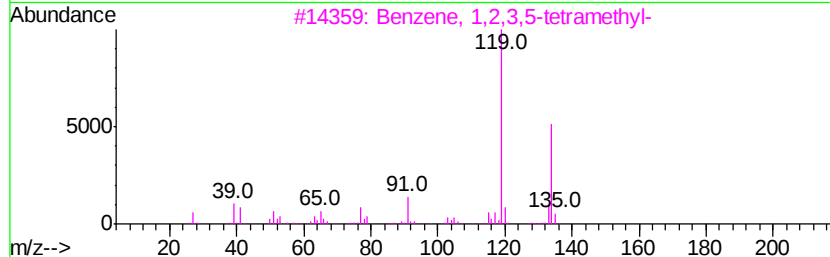
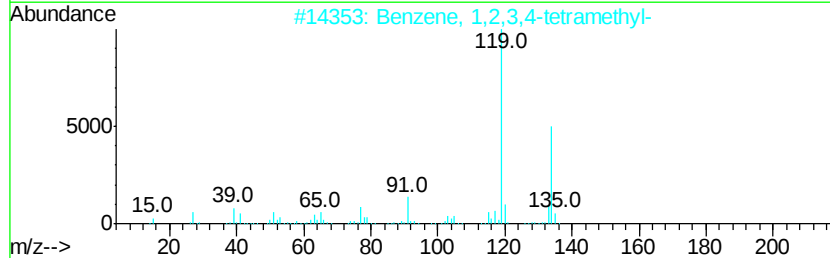
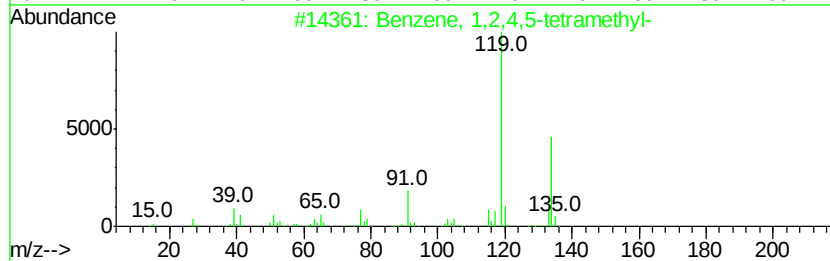
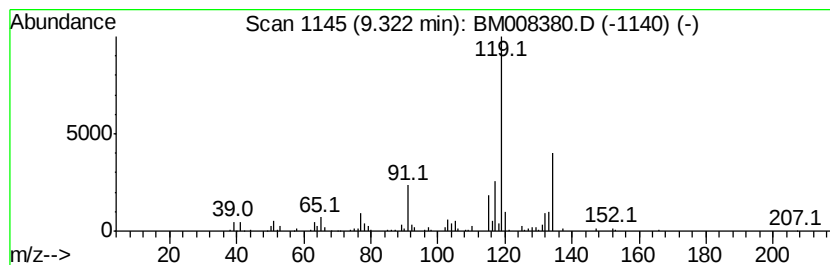
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.00 ng/ul	336894	Naphthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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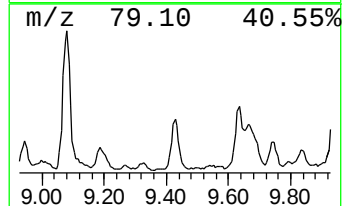
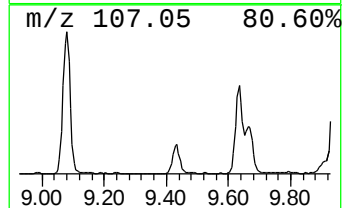
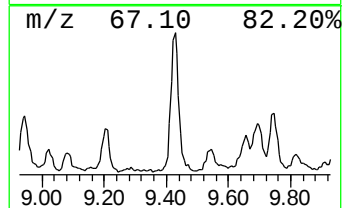
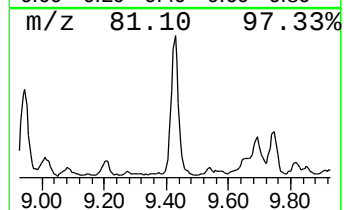
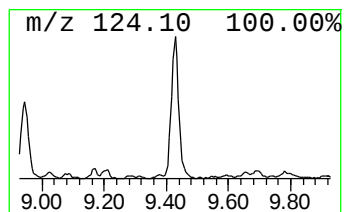
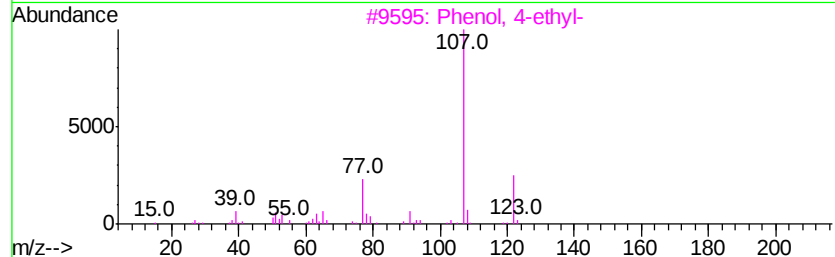
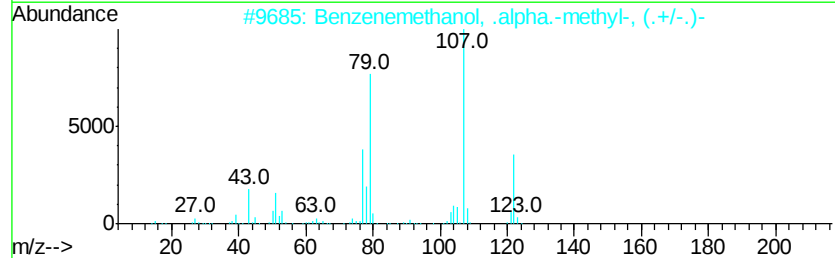
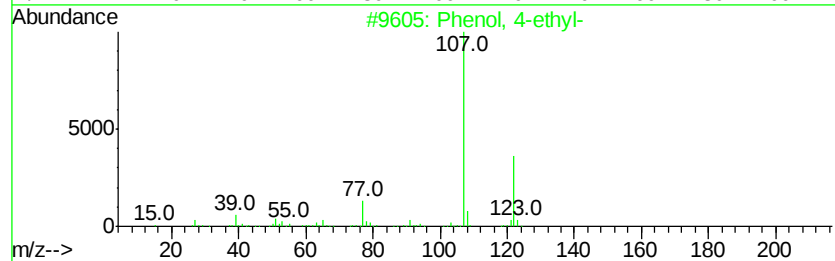
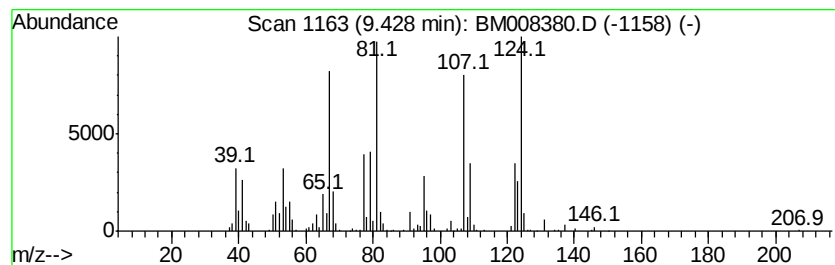
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-01 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	7.93 ng/ul	667999	Naphthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	35
2		Benzenemethanol, .alpha.-methyl-...	122	C8H10O	013323-81-4	20
3		Phenol, 4-ethyl-	122	C8H10O	000123-07-9	20
4		5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	18
5		1-Hexen-3-yne, 2,5,5-trimethyl-	122	C9H14	037439-53-5	18



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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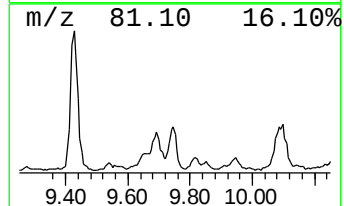
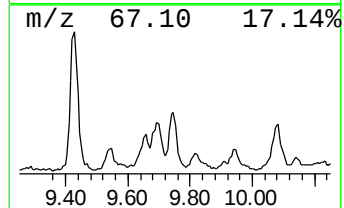
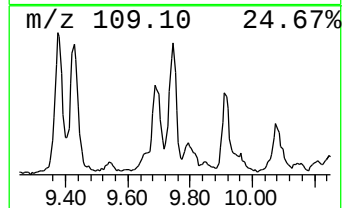
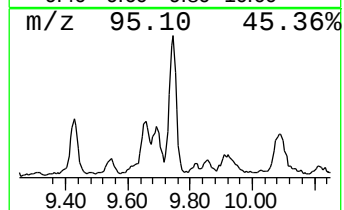
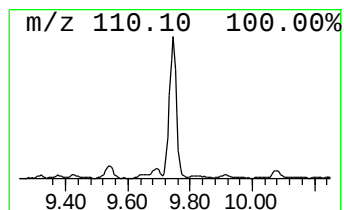
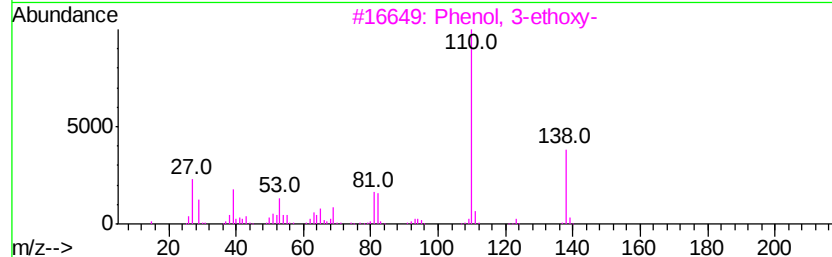
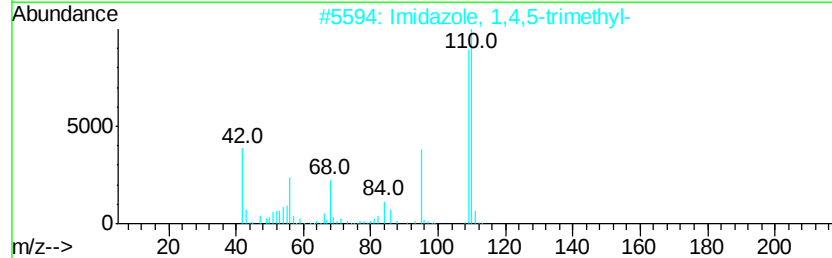
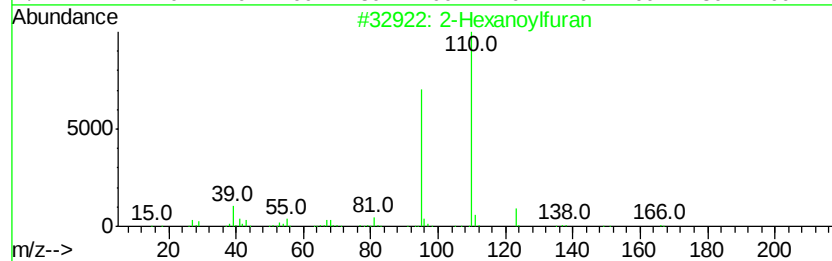
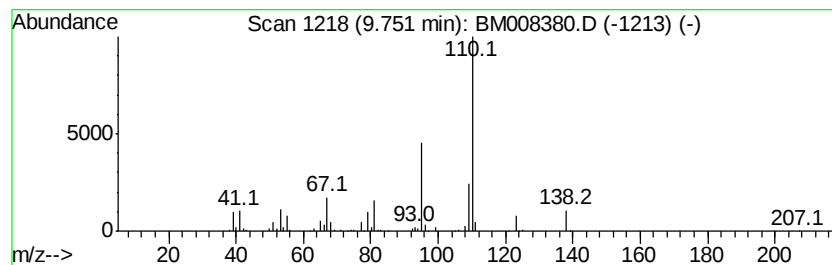
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 2-Hexanoylfuran Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.47 ng/ul	376763	Naphthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanoylfuran	166	C10H14O2	014360-50-0	53
2		Imidazole, 1,4,5-trimethyl-	110	C6H10N2	020185-22-2	50
3		Phenol, 3-ethoxy-	138	C8H10O2	000621-34-1	43
4		3,7,7-Trimethyl-8-(2-methyl-prop...)	204	C15H24	1000192-43-3	42
5		2-Amino-3-hydroxypyridine	110	C5H6N2O	016867-03-1	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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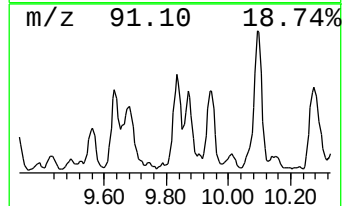
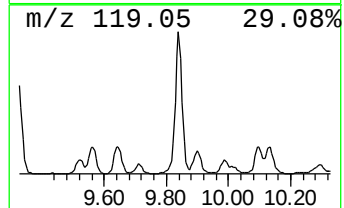
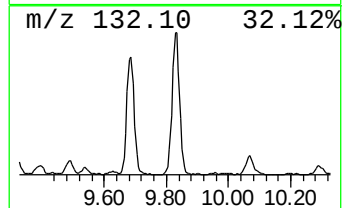
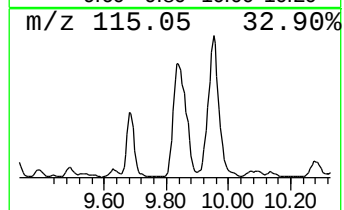
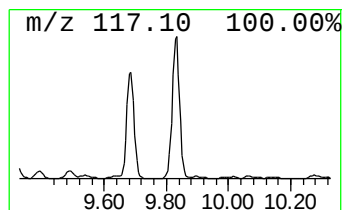
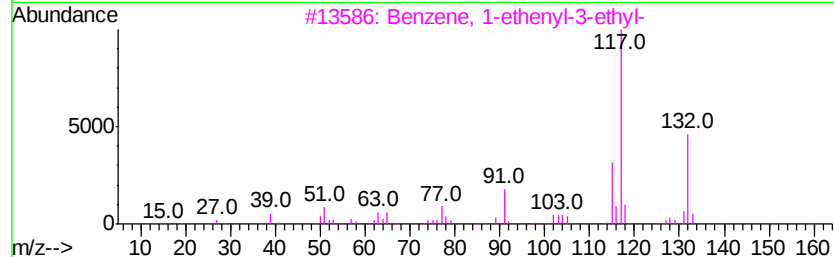
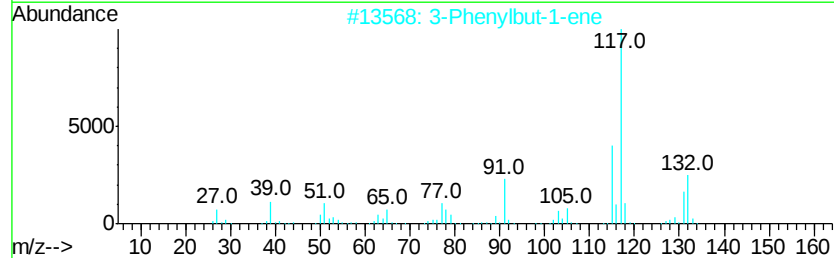
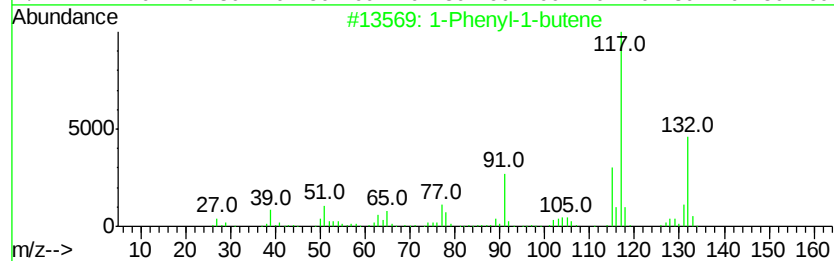
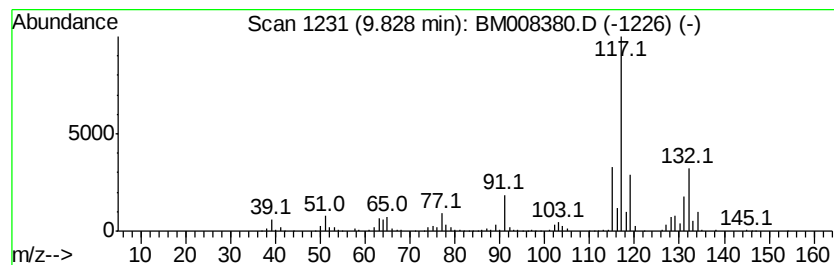
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1-Phenyl-1-butene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	22.96 ng/ul	1933810	Naphthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
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Instrument :
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ClientSampleId :
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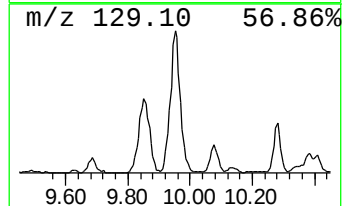
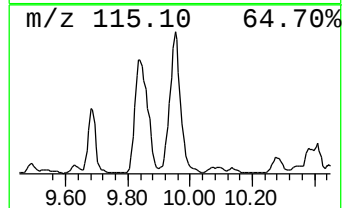
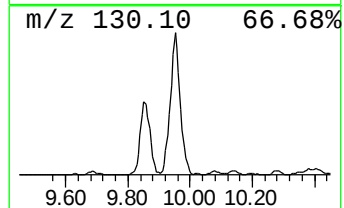
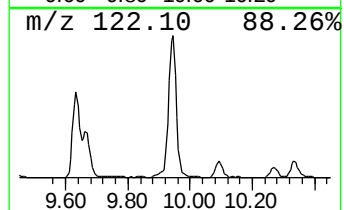
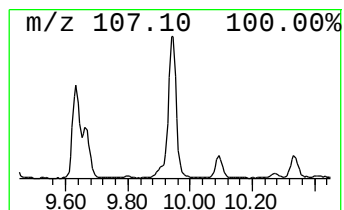
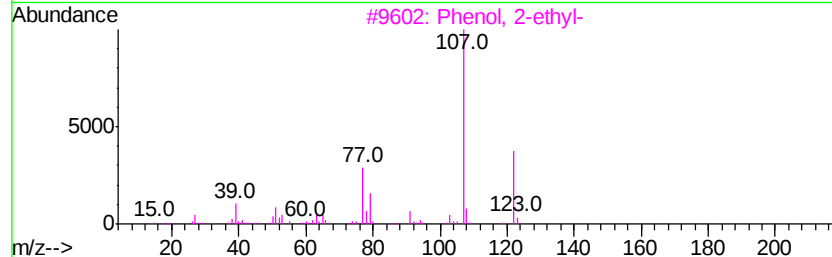
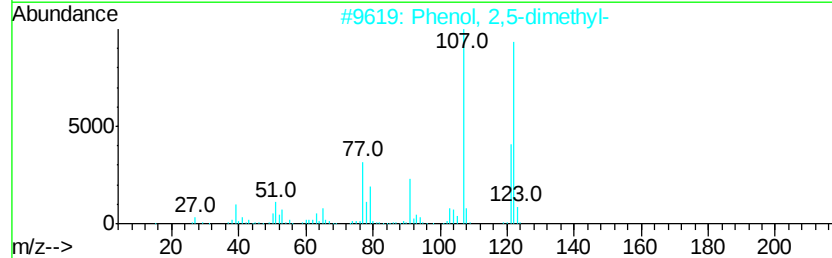
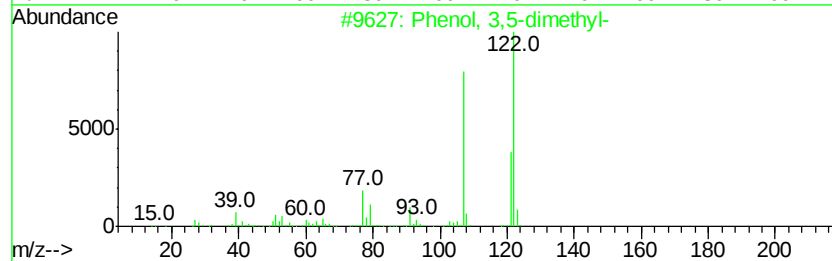
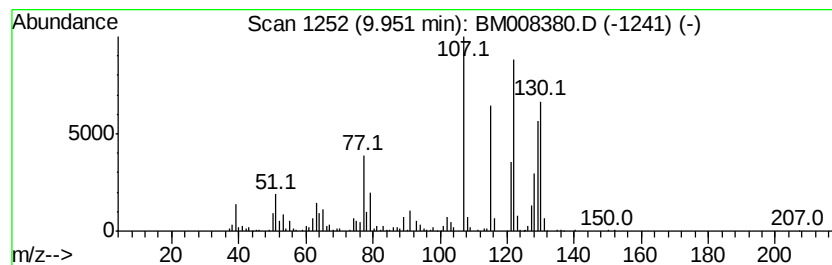
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenol, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	28.82 ng/ul	2427410	Napthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	60
3		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	60
4		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	60
5		Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	60



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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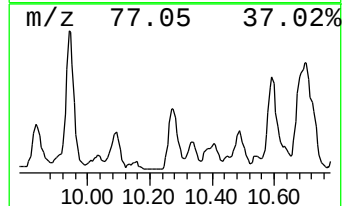
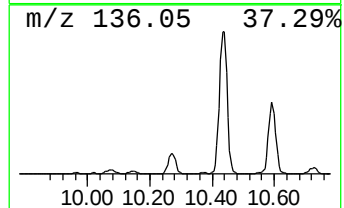
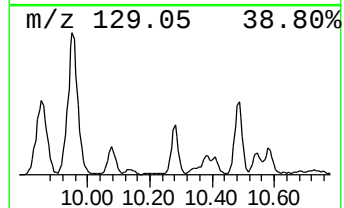
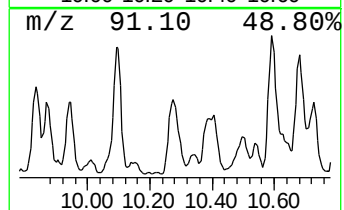
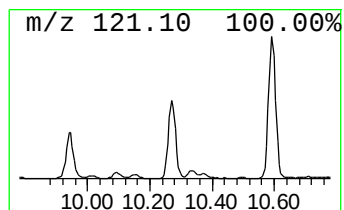
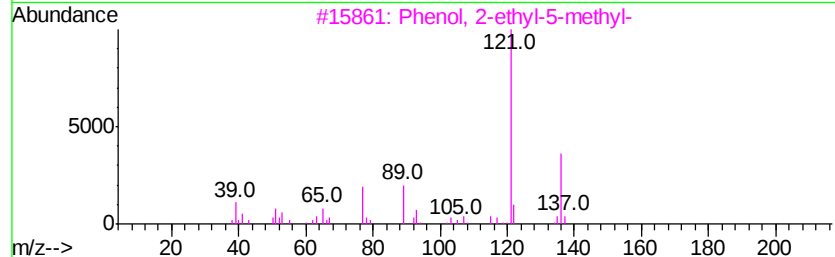
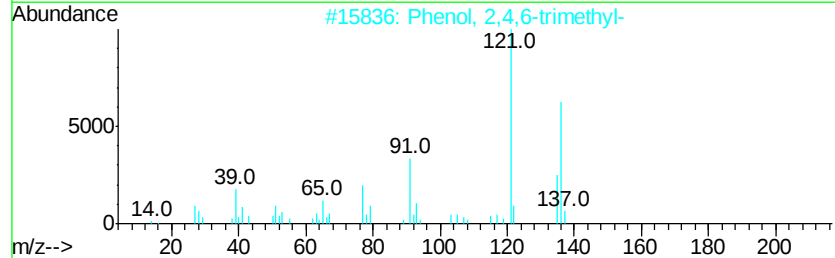
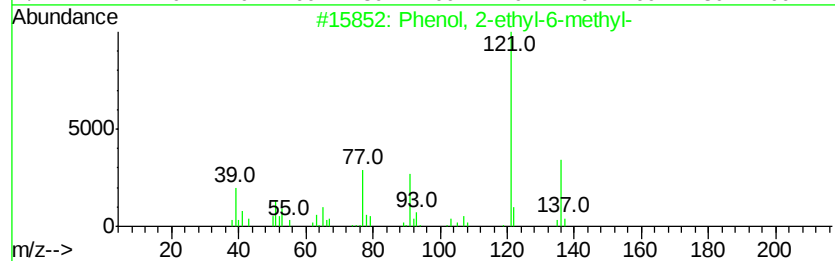
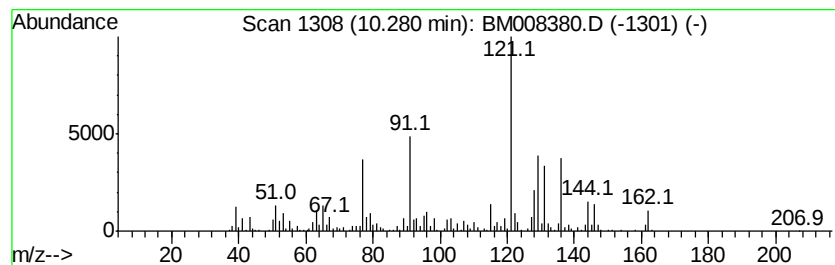
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phenol, 2-ethyl-6-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	13.85 ng/ul	1166610	Napthalene-d8	10.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	60
2			Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	41
3			Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	41
4			2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	38
5			Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8S6

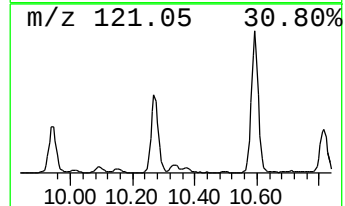
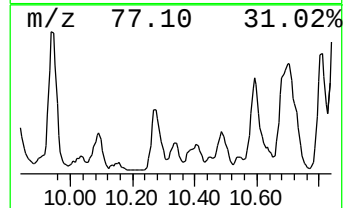
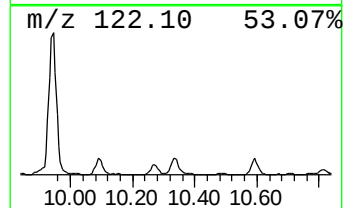
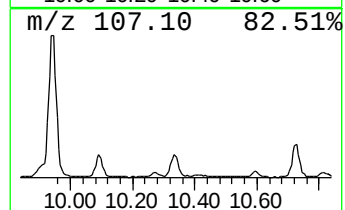
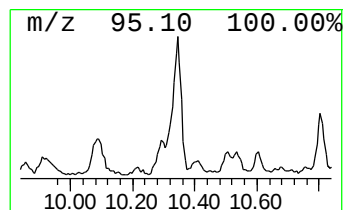
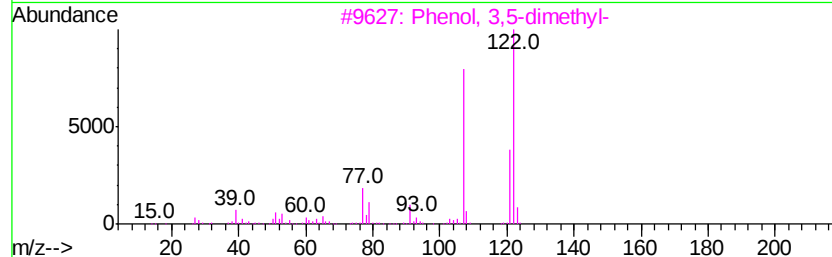
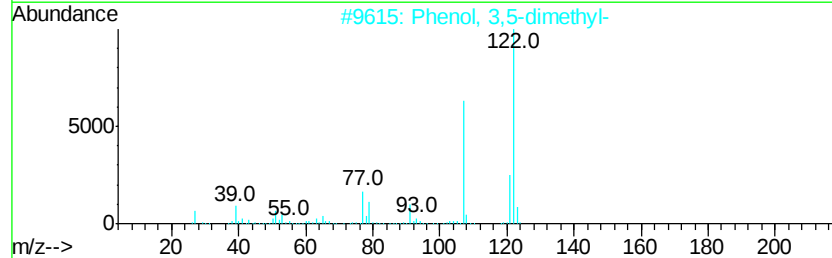
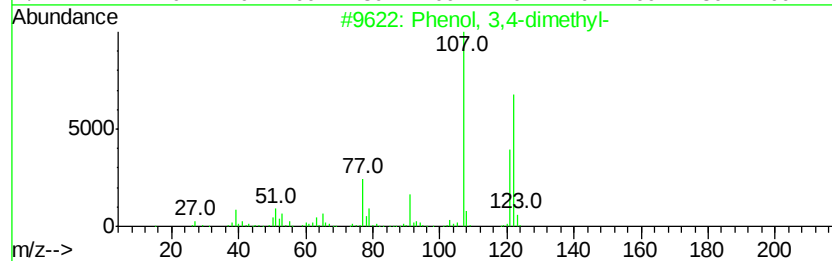
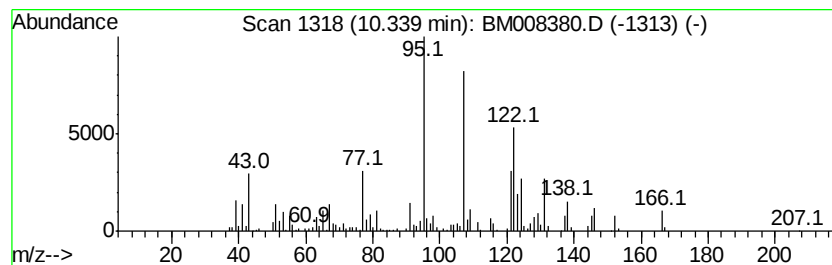
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-02 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	4.76 ng/ul	401109	Napthalene-d8	10.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol,	3,4-dimethyl-		122	C8H10O	000095-65-8	42
2	Phenol,	3,5-dimethyl-		122	C8H10O	000108-68-9	38
3	Phenol,	3,5-dimethyl-		122	C8H10O	000108-68-9	38
4	Phenol,	3-ethyl-		122	C8H10O	000620-17-7	38
5	Phenol,	2,3-dimethyl-		122	C8H10O	000526-75-0	30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008380.D
Acq On : 16 Dec 2016 19:13
Operator : UM/SJ
Sample : H6039-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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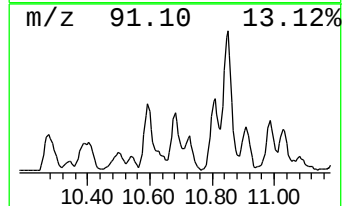
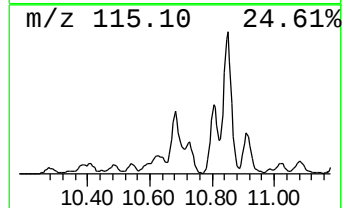
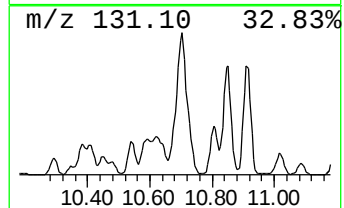
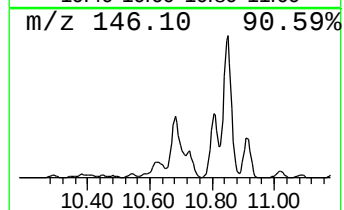
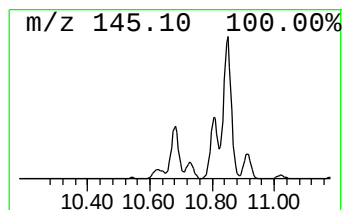
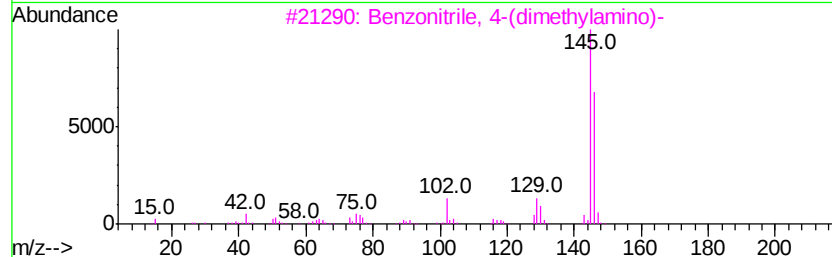
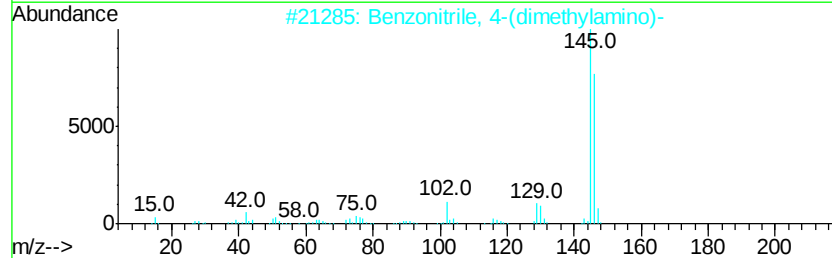
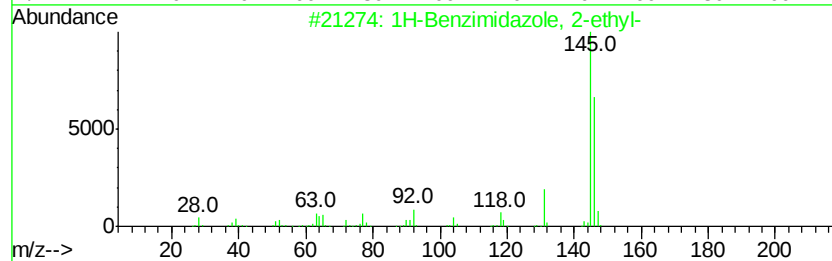
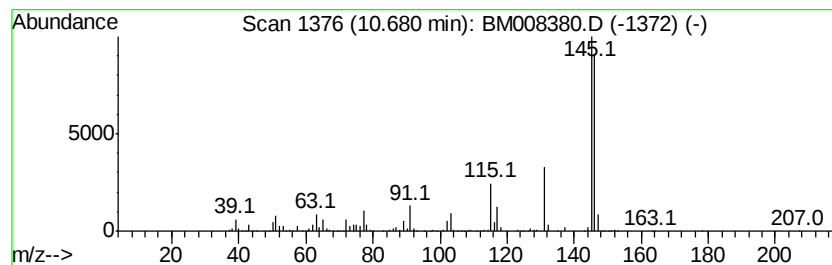
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 1H-Benzimidazole, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	36.74 ng/ul	3094780	Naphthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4		1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
5		1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
 Data File : BM008380.D
 Acq On : 16 Dec 2016 19:13
 Operator : UM/SJ
 Sample : H6039-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S6

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
4-Pyridinol	5.47	7.5	ng/ul	358030	1	7.66	951845	20.0
Benzene, propyl-	6.65	7.8	ng/ul	370547	1	7.66	951845	20.0
Benzene, 1-ethyl-...	6.75	9.4	ng/ul	445449	1	7.66	951845	20.0
Benzene, 1,2,3-tr...	7.30	29.9	ng/ul	1422090	1	7.66	951845	20.0
2-Cyclopenten-1-o...	7.95	18.8	ng/ul	892937	1	7.66	951845	20.0
Indane	8.02	21.1	ng/ul	1006100	1	7.66	951845	20.0
Benzene, 1-propynyl-	8.19	12.4	ng/ul	591728	1	7.66	951845	20.0
Benzene, 1,4-diet...	8.29	17.8	ng/ul	848870	1	7.66	951845	20.0
2-Cyclopenten-1-o...	8.32	16.6	ng/ul	790154	1	7.66	951845	20.0
Benzene, 1-methyl...	8.45	7.6	ng/ul	363663	1	7.66	951845	20.0
Benzene, 1-ethyl-...	8.59	8.7	ng/ul	414741	1	7.66	951845	20.0
Benzene, 1-methyl...	8.65	7.5	ng/ul	355177	1	7.66	951845	20.0
Benzene, 1-ethyl-...	8.75	25.5	ng/ul	1214210	1	7.66	951845	20.0
2-Cyclopenten-1-o...	8.95	8.4	ng/ul	399445	1	7.66	951845	20.0
Benzofuran, 7-met...	9.00	21.5	ng/ul	1023110	1	7.66	951845	20.0
Phenol, 2,6-dimet...	9.08	22.0	ng/ul	1855150	2	10.44	1684600	20.0
Benzofuran, 2-met...	9.11	18.2	ng/ul	1529690	2	10.44	1684600	20.0
Benzene, 1,2,4,5-...	9.32	4.0	ng/ul	336894	2	10.44	1684600	20.0
unknown-01	9.43	7.9	ng/ul	667999	2	10.44	1684600	20.0
2-Hexanoylfuran	9.75	4.5	ng/ul	376763	2	10.44	1684600	20.0
1-Phenyl-1-butene	9.83	23.0	ng/ul	1933810	2	10.44	1684600	20.0
Phenol, 3,5-dimet...	9.95	28.8	ng/ul	2427410	2	10.44	1684600	20.0
Phenol, 2-ethyl-6...	10.28	13.9	ng/ul	1166610	2	10.44	1684600	20.0
unknown-02	10.34	4.8	ng/ul	401109	2	10.44	1684600	20.0
1H-Benzimidazole, ...	10.68	36.7	ng/ul	3094780	2	10.44	1684600	20.0