

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
 Data File : BG018370.D
 Acq On : 11 Aug 2015 1:22
 Operator : UM/MA
 Sample : G3109-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W8

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG080915.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	5.546	455	461	467	rBV	75878	124461	3.27%	0.153%
2	7.145	726	733	737	rBV	293094	487819	12.81%	0.600%
3	7.203	737	743	751	rVV	394182	725549	19.05%	0.893%
4	7.280	751	756	763	rVV2	48795	99753	2.62%	0.123%
5	7.362	763	770	779	rVB	350143	583668	15.32%	0.718%
6	7.485	784	791	798	rVB	137479	233252	6.12%	0.287%
7	7.573	799	806	813	rBV	395291	679390	17.83%	0.836%
8	8.043	879	886	889	rBV	441548	737547	19.36%	0.907%
9	8.085	889	893	900	rVB	526765	832439	21.85%	1.024%
10	8.607	975	982	989	rBV2	177543	310532	8.15%	0.382%
11	8.749	997	1006	1012	rBV2	613884	1117843	29.34%	1.375%
12	8.942	1034	1039	1045	rVB	156881	252226	6.62%	0.310%
13	9.048	1053	1057	1065	rVB	62252	112586	2.96%	0.139%
14	9.201	1076	1083	1094	rVB	409695	780535	20.49%	0.960%
15	9.395	1108	1116	1119	rBV3	114861	245605	6.45%	0.302%
16	9.436	1119	1123	1128	rVB	208899	327726	8.60%	0.403%
17	9.812	1180	1187	1192	rBV	49187	101690	2.67%	0.125%
18	9.924	1199	1206	1213	rVV	315075	567123	14.89%	0.698%
19	10.012	1217	1221	1225	rVV	84279	120666	3.17%	0.148%
20	10.112	1232	1238	1245	rBV3	132331	281217	7.38%	0.346%
21	10.241	1254	1260	1264	rBV2	105441	202281	5.31%	0.249%
22	10.323	1269	1274	1280	rVV	337759	524892	13.78%	0.646%
23	10.470	1293	1299	1309	rVB	515253	938077	24.62%	1.154%
24	10.811	1352	1357	1361	rBV	954708	1747193	45.86%	2.150%
25	10.852	1361	1364	1370	rVB	653316	1011168	26.54%	1.244%
26	11.063	1394	1400	1407	rVB3	239183	556685	14.61%	0.685%
27	11.228	1418	1428	1431	rBV7	82024	236262	6.20%	0.291%
28	11.269	1431	1435	1441	rVV6	97326	181515	4.76%	0.223%
29	11.363	1441	1451	1455	rVV8	64009	213152	5.60%	0.262%
30	11.428	1455	1462	1470	rVB2	269528	510576	13.40%	0.628%
31	11.563	1480	1485	1489	rBV	88076	148140	3.89%	0.182%
32	11.610	1489	1493	1501	rVB	277025	433270	11.37%	0.533%
33	11.751	1512	1517	1521	rBV2	242354	475907	12.49%	0.586%
34	11.880	1533	1539	1548	rVB5	97348	245991	6.46%	0.303%

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35	12.115	1574	1579	1583	rBV2	112754	239593	6.29%	0.295%
36	12.274	1602	1606	1613	rVB7	74621	135581	3.56%	0.167%
37	12.421	1627	1631	1635	rVB2	126503	171764	4.51%	0.211%
38	12.462	1635	1638	1643	rVB	153845	215469	5.66%	0.265%
39	12.579	1654	1658	1661	rBV	79221	112435	2.95%	0.138%
40	12.626	1661	1666	1672	rVB6	167651	308798	8.11%	0.380%
41	12.714	1672	1681	1692	rBV6	220635	853138	22.39%	1.050%
42	12.850	1699	1704	1710	rVB5	121754	292432	7.68%	0.360%
43	12.902	1710	1713	1718	rVB2	89454	115794	3.04%	0.142%
44	13.032	1728	1735	1742	rVB4	175189	426903	11.21%	0.525%
45	13.096	1742	1746	1750	rBV	131391	199516	5.24%	0.245%
46	13.149	1750	1755	1759	rBV	226597	394319	10.35%	0.485%
47	13.278	1771	1777	1783	rBV2	204246	413992	10.87%	0.509%
48	13.425	1796	1802	1806	rVB	458237	656323	17.23%	0.807%
49	13.508	1807	1816	1820	rBV5	126198	337153	8.85%	0.415%
50	13.549	1820	1823	1826	rBV	188268	260726	6.84%	0.321%
51	13.590	1826	1830	1835	rVB	439317	618319	16.23%	0.761%
52	13.655	1835	1841	1846	rBV	1602779	2424454	63.64%	2.983%
53	13.713	1846	1851	1853	rBV2	367473	635835	16.69%	0.782%
54	13.843	1869	1873	1881	rVB5	286460	684972	17.98%	0.843%
55	13.931	1881	1888	1893	rVB3	236756	537798	14.12%	0.662%
56	14.025	1895	1904	1906	rBV3	275420	637551	16.74%	0.784%
57	14.072	1906	1912	1917	rVV2	1085566	2076094	54.50%	2.554%
58	14.113	1917	1919	1923	rVB	169438	207738	5.45%	0.256%
59	14.154	1923	1926	1929	rBV2	97775	118518	3.11%	0.146%
60	14.230	1936	1939	1942	rBV3	105618	141489	3.71%	0.174%
61	14.271	1942	1946	1947	rVV4	108003	155035	4.07%	0.191%
62	14.307	1947	1952	1957	rVV2	715065	1245669	32.70%	1.533%
63	14.365	1957	1962	1969	rVV	1066338	1775728	46.61%	2.185%
64	14.448	1973	1976	1983	rVB4	183717	291899	7.66%	0.359%
65	14.671	2005	2014	2019	rBV3	1109785	2438716	64.02%	3.000%
66	14.888	2042	2051	2053	rBV5	535009	1459003	38.30%	1.795%
67	14.924	2053	2057	2061	rVV	1072127	1593435	41.83%	1.960%
68	15.141	2088	2094	2100	rBV3	719660	1429885	37.53%	1.759%
69	15.206	2101	2105	2110	rVB	688139	980744	25.74%	1.207%
70	15.294	2115	2120	2125	rBV8	320562	585226	15.36%	0.720%
71	15.623	2171	2176	2180	rBV	1975592	3009325	79.00%	3.702%

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72	15.664	2180	2183	2186	rVV	1352257	1945464	51.07%	2.393%
73	15.699	2186	2189	2196	rVB	1440548	2207206	57.94%	2.716%
74	15.875	2215	2219	2223	rBV2	1013927	1455253	38.20%	1.790%
75	15.922	2223	2227	2230	rVV3	705571	1065795	27.98%	1.311%
76	15.958	2230	2233	2237	rVB	704558	897434	23.56%	1.104%
77	16.028	2241	2245	2249	rVV2	589609	775686	20.36%	0.954%
78	16.134	2260	2263	2267	rBV	402049	440850	11.57%	0.542%
79	16.216	2274	2277	2280	rBV3	220723	234647	6.16%	0.289%
80	16.375	2301	2304	2307	rBV	353479	464140	12.18%	0.571%
81	16.516	2323	2328	2332	rVB2	821736	1270921	33.36%	1.564%
82	16.610	2339	2344	2348	rBV5	517477	870757	22.86%	1.071%
83	16.716	2358	2362	2369	rVB	1331530	1895671	49.76%	2.332%
84	16.810	2376	2378	2382	rVB5	415007	445897	11.70%	0.549%
85	16.945	2399	2401	2404	rBV	220535	256754	6.74%	0.316%
86	17.321	2462	2465	2471	rVB5	396028	609706	16.00%	0.750%
87	17.415	2476	2481	2486	rBV2	2479377	3809508	100.00%	4.687%
88	17.479	2487	2492	2495	rVV4	638472	1198921	31.47%	1.475%
89	17.515	2495	2498	2503	rVB	1131411	1664668	43.70%	2.048%
90	17.826	2548	2551	2557	rVB	1604524	2218492	58.24%	2.729%
91	17.961	2571	2574	2576	rBV	597962	689739	18.11%	0.849%
92	18.314	2630	2634	2638	rBV2	1318490	1689581	44.35%	2.079%
93	18.455	2654	2658	2662	rBV	860891	1266564	33.25%	1.558%
94	18.766	2708	2711	2713	rBV2	501316	608359	15.97%	0.748%
95	18.890	2729	2732	2739	rBV2	824910	1105207	29.01%	1.360%
96	19.031	2754	2756	2760	rVB3	547191	594772	15.61%	0.732%
97	19.348	2808	2810	2815	rVB2	819754	893614	23.46%	1.099%
98	19.524	2838	2840	2843	rBV2	610927	590842	15.51%	0.727%
99	19.806	2884	2888	2900	rBV4	1402702	3120332	81.91%	3.839%
100	20.247	2959	2963	2971	rVB2	1707526	2666488	70.00%	3.281%

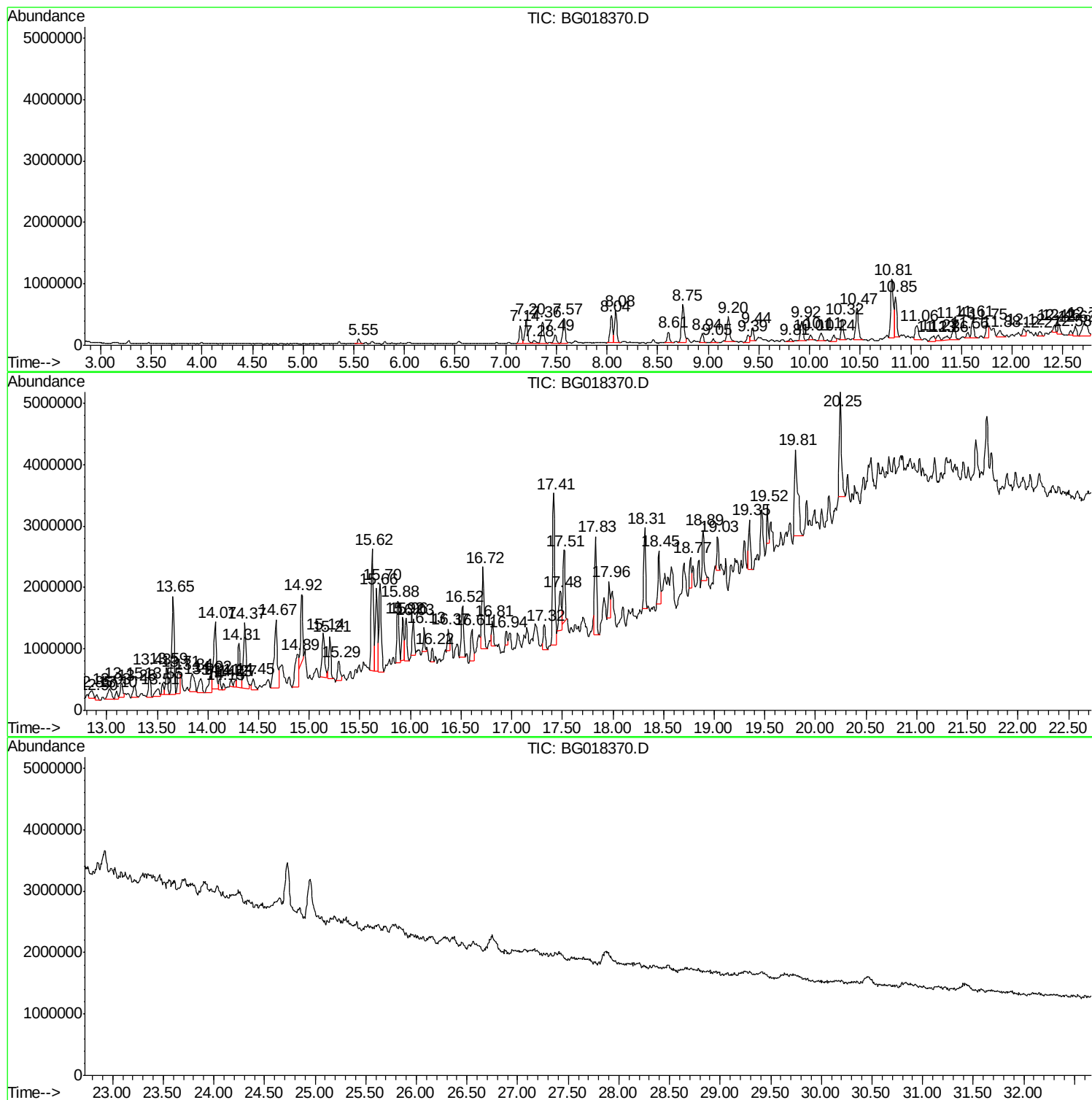
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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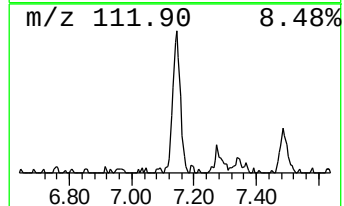
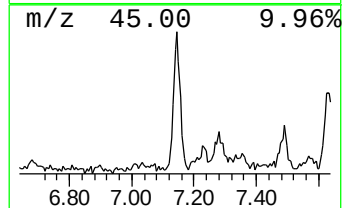
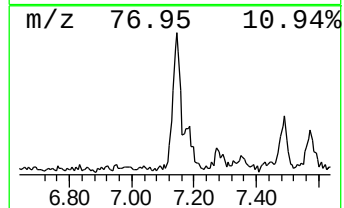
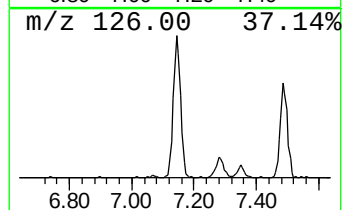
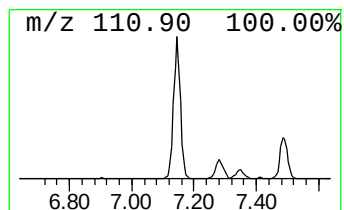
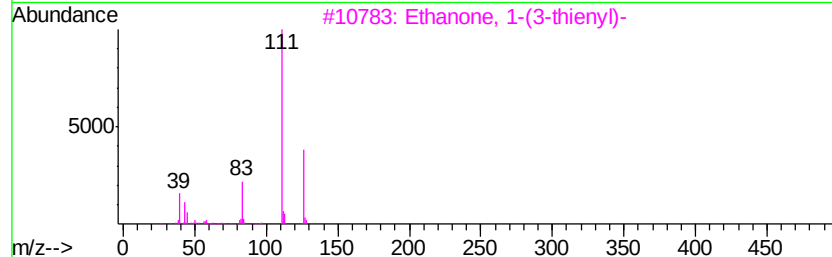
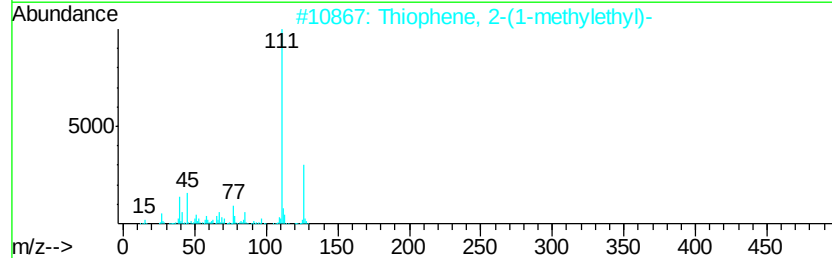
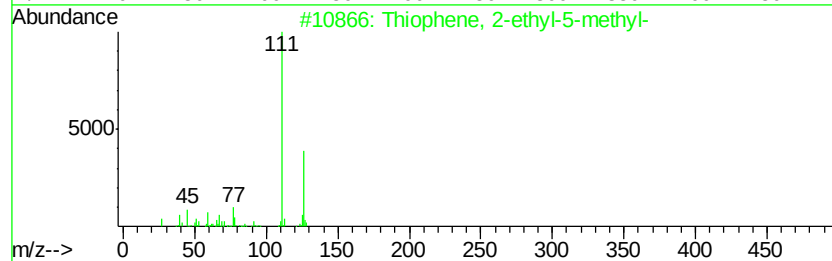
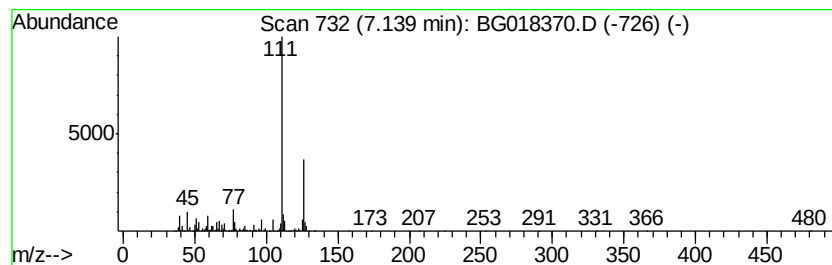
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Thiophene, 2-ethyl-5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	13.23 ng/ul	487819	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	94
2		Thiophene, 2-(1-methylethyl)-	126	C7H10S	004095-22-1	72
3		Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	64
4		Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	59
5		.gamma.-Chloro-2-butyrothienone	188	C8H9ClOS	043076-59-1	59



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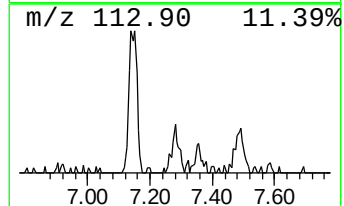
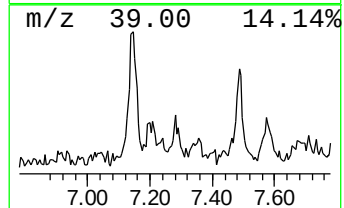
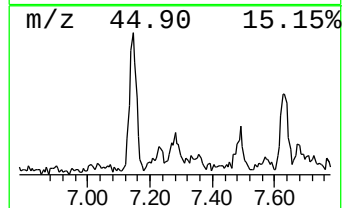
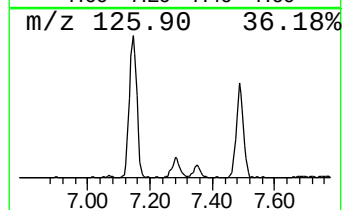
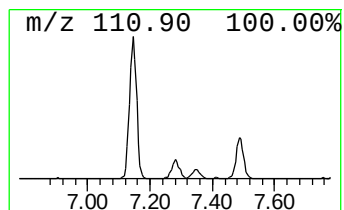
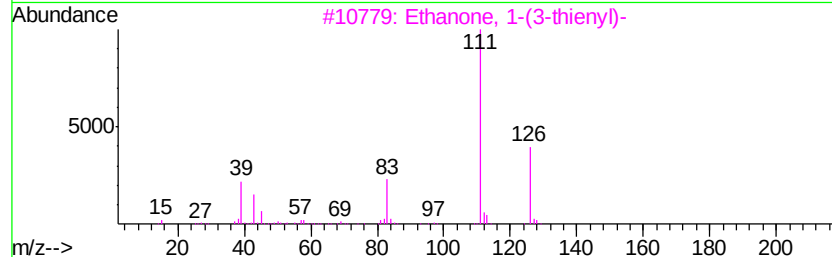
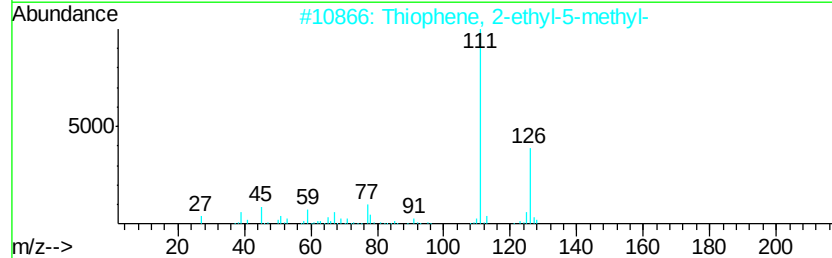
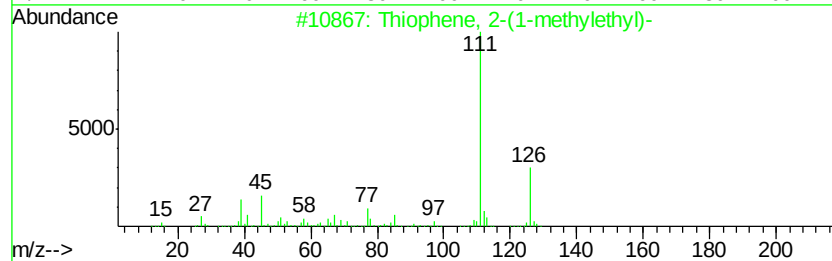
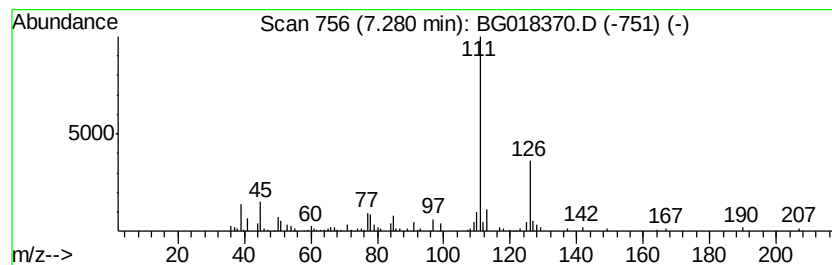
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Thiophene, 2-(1-methylethyl)- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	2.70 ng/ul	99753	1,4-Dichlorobenzene-d4	8.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2-(1-methylethyl)-	126	C7H10S	004095-22-1	64
2			Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	64
3			Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	59
4			Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	53
5			Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	53



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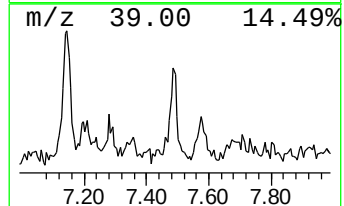
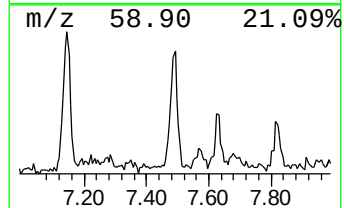
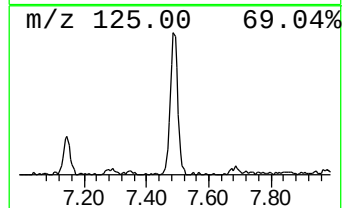
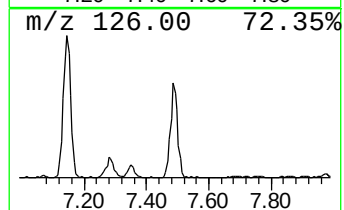
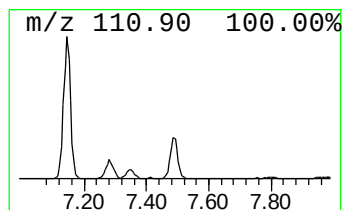
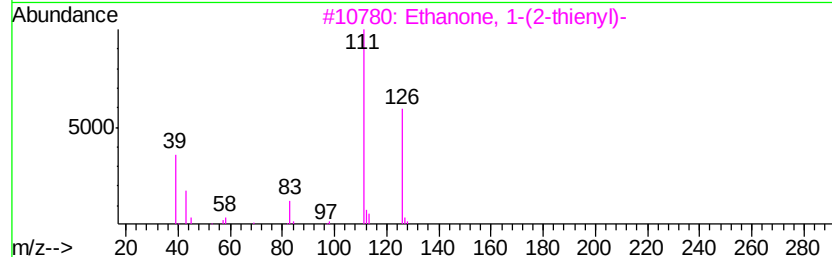
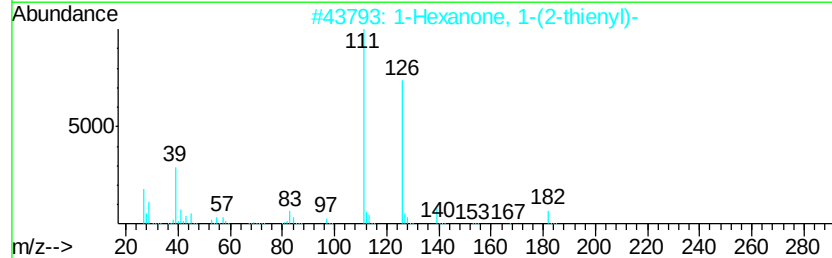
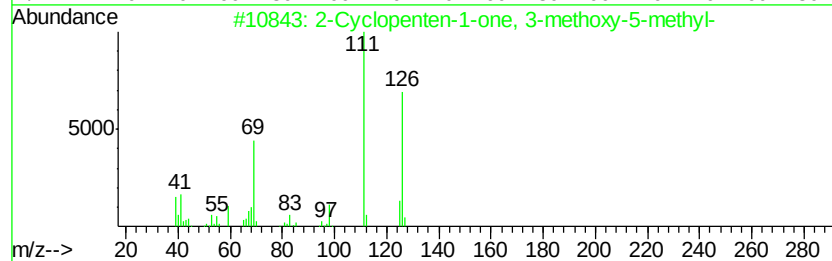
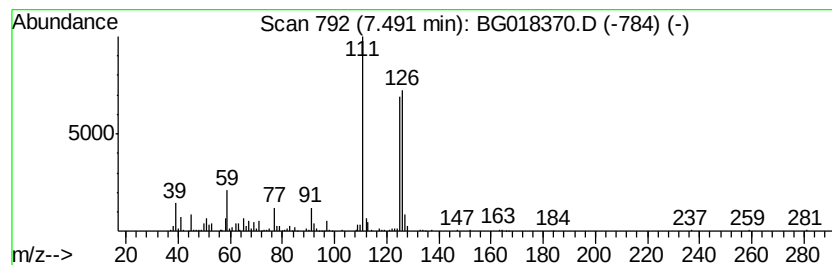
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Peak Number 4 2-Cyclopenten-1-one, 3-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.49	6.33 ng/ul	233252	1,4-Dichlorobenzene-d4	8.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methoxy-5...	126	C7H10O2		007180-60-1	59
2	1-Hexanone, 1-(2-thienyl)-	182	C10H14OS		026447-67-6	53
3	Ethanone, 1-(2-thienyl)-	126	C6H6OS		000088-15-3	52
4	Ethanone, 1-(3-thienyl)-	126	C6H6OS		001468-83-3	50
5	Ethanone, 1-(2-thienyl)-	126	C6H6OS		000088-15-3	50



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Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
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Instrument :
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ClientSampleId :
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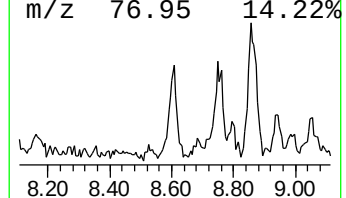
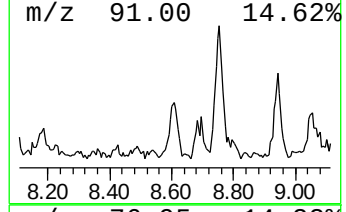
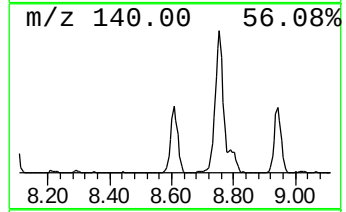
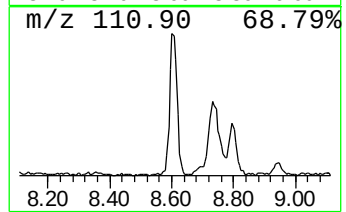
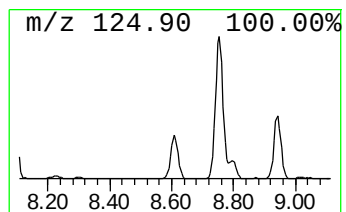
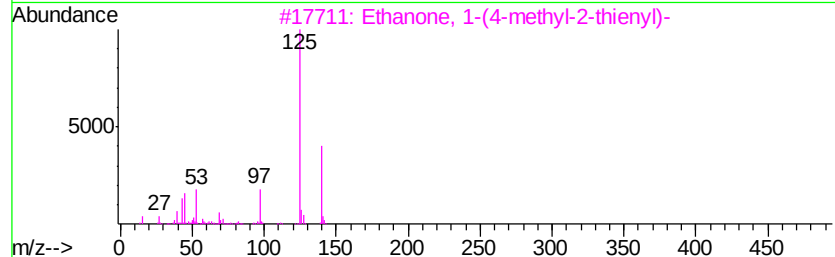
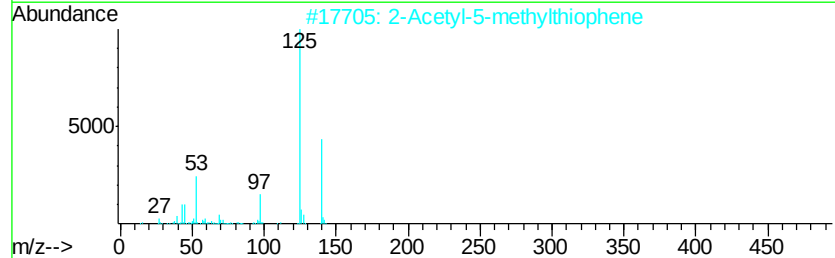
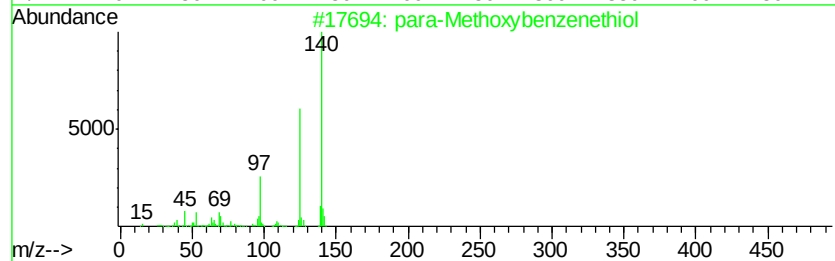
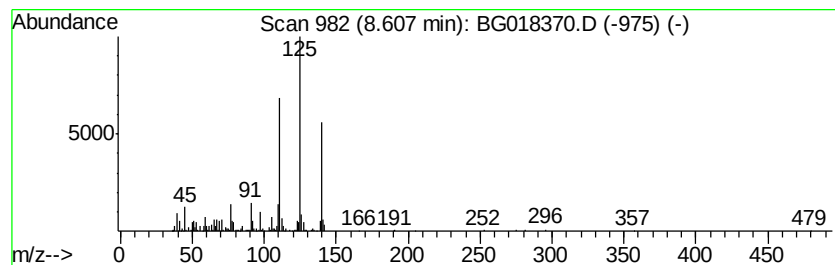
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 para-Methoxybenzenethiol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	8.42 ng/ul	310532	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	para-Methoxybenzenethiol	140	C7H8OS	000696-63-9	68
2		2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	52
3		Ethanone, 1-(4-methyl-2-thienyl)-	140	C7H8OS	013679-73-7	52
4		2-Acetyl-3-methylthiophene	140	C7H8OS	013679-72-6	52
5		2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
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Acq On : 11 Aug 2015 1:22
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Sample : G3109-18
Misc :
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ClientSampleId :
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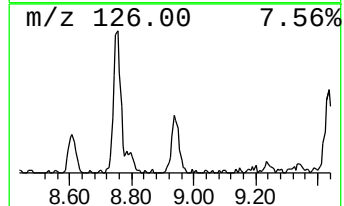
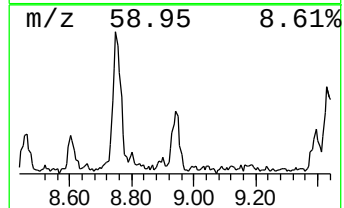
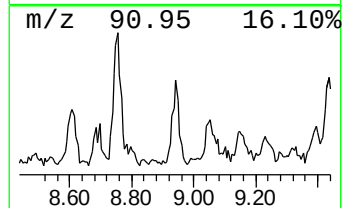
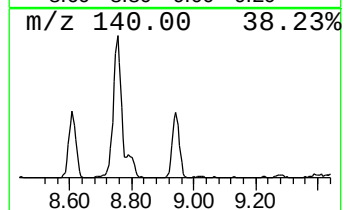
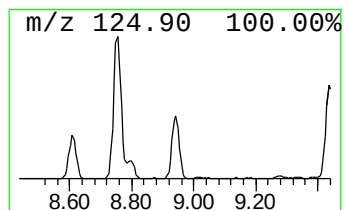
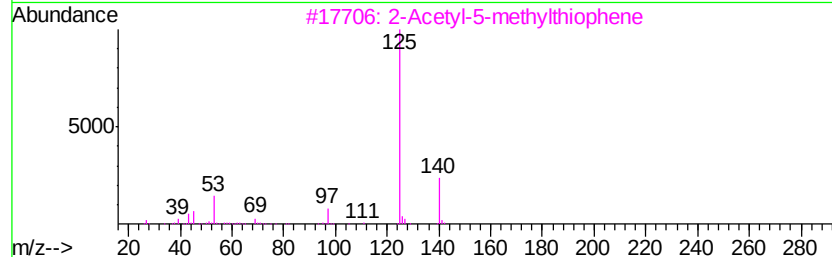
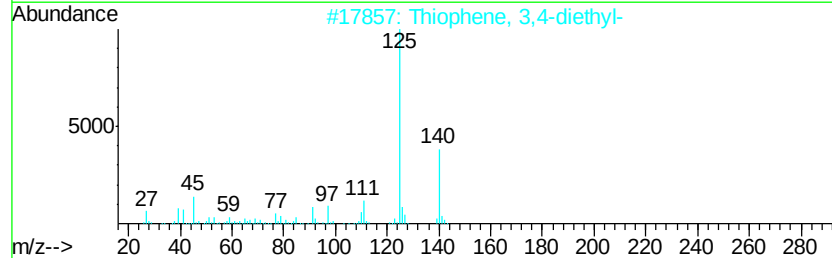
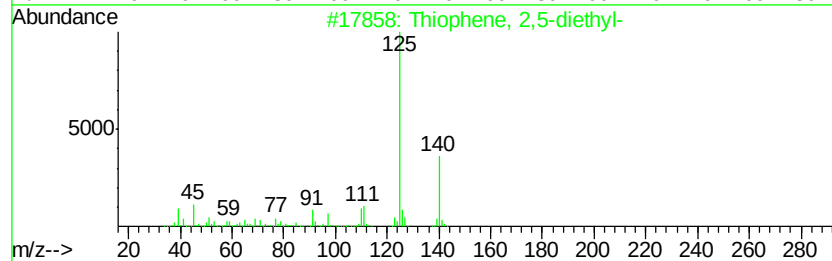
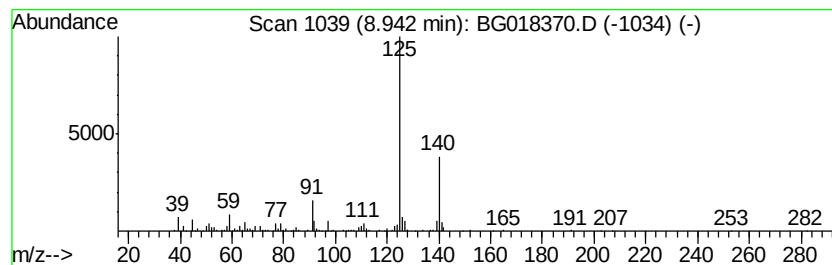
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Thiophene, 2,5-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	6.84 ng/ul	252226	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2,5-diethyl-	140	C8H12S	005069-23-8	90
2		Thiophene, 3,4-diethyl-	140	C8H12S	035686-14-7	80
3		2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	72
4		2-Acetyl-3-methylthiophene	140	C7H8OS	013679-72-6	64
5		Ethanone, 1-(4-methyl-2-thienyl)-	140	C7H8OS	013679-73-7	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
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Misc :
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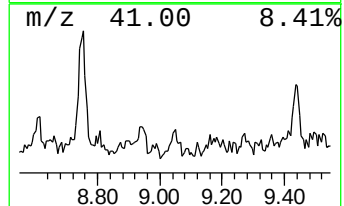
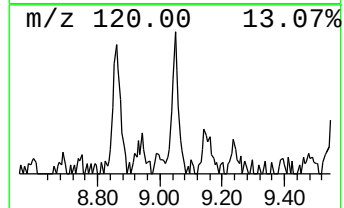
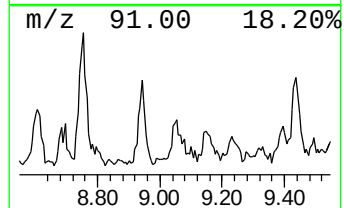
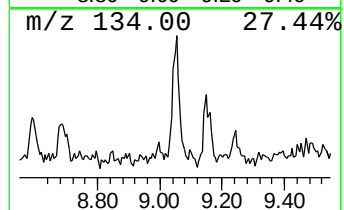
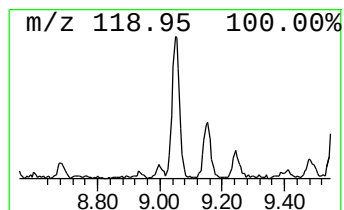
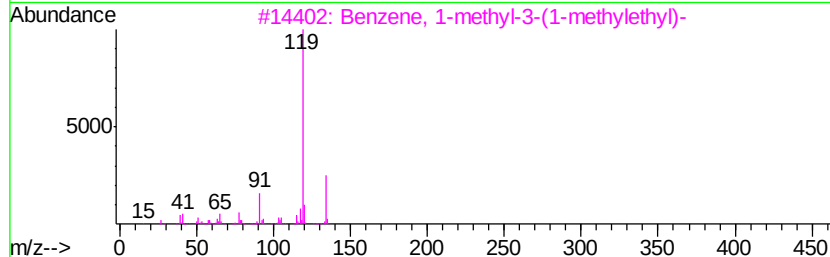
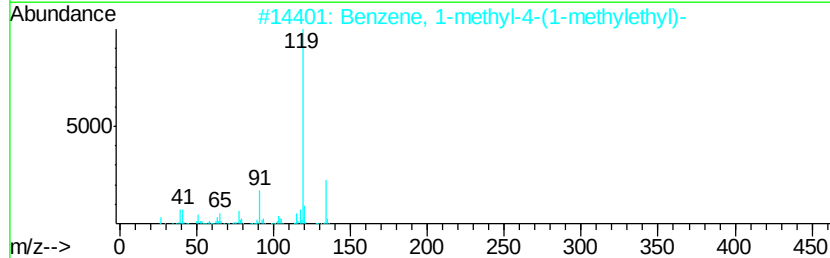
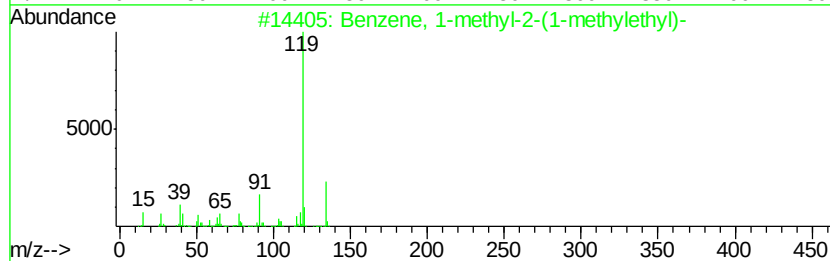
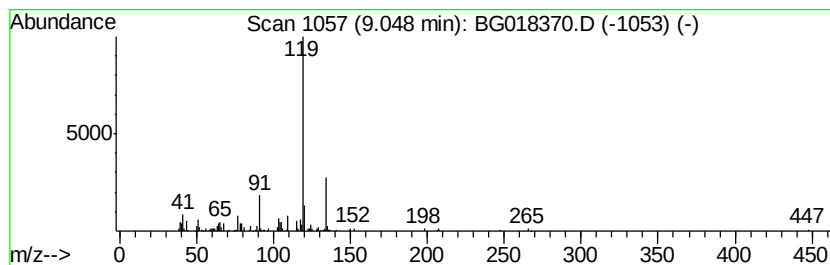
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.05 ng/ul	112586	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
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Instrument :
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ClientSampled :
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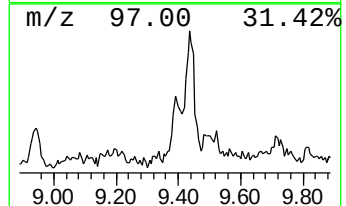
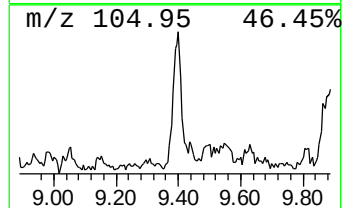
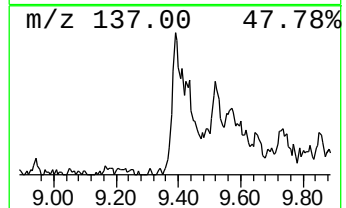
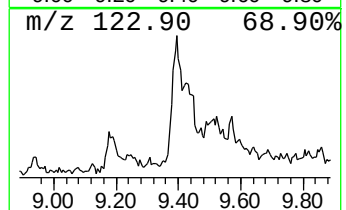
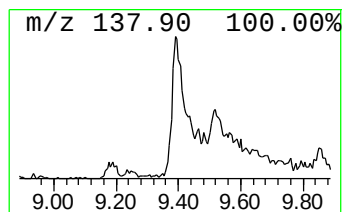
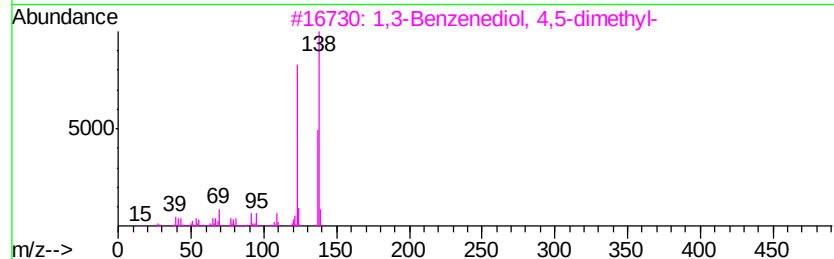
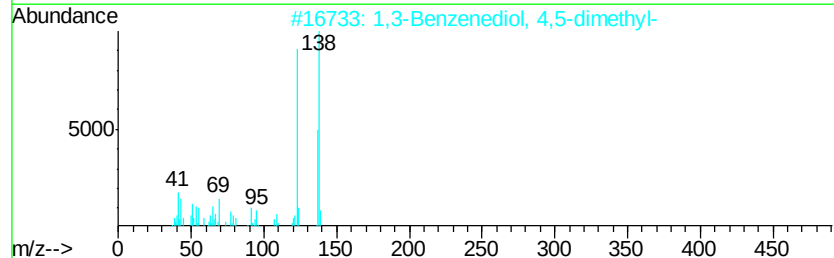
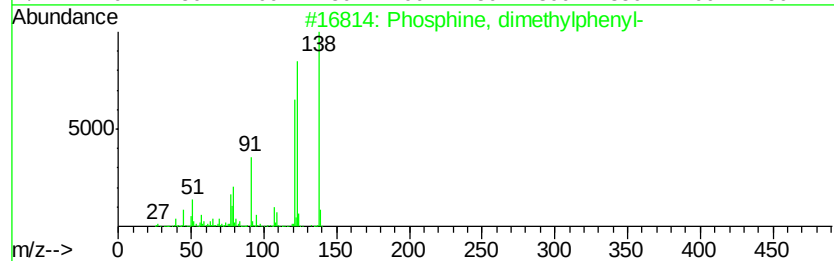
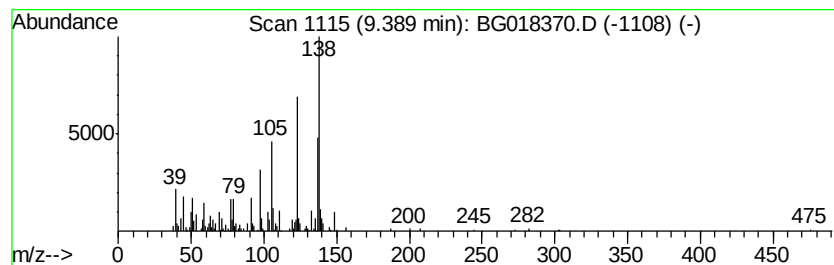
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phosphine, dimethylphenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	6.66 ng/ul	245605	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphine, dimethylphenyl-	138	C8H11P	000672-66-2	60
2		1,3-Benzenediol, 4,5-dimethyl-	138	C8H10O2	000527-55-9	58
3		1,3-Benzenediol, 4,5-dimethyl-	138	C8H10O2	000527-55-9	53
4		2-(2,2-Dimethylvinyl)thiophene	138	C8H10S	059311-09-0	52
5		Thiophene, 3-(2-butenyl)-, (E)-	138	C8H10S	053966-44-2	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
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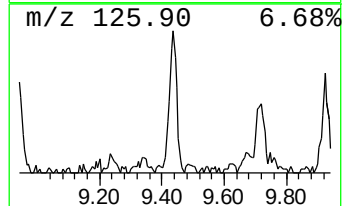
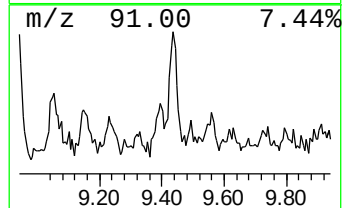
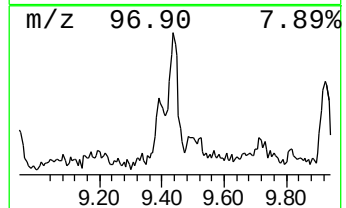
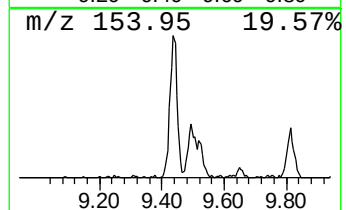
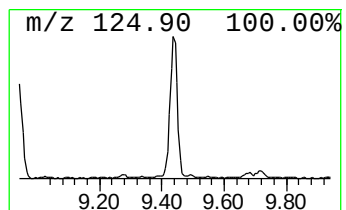
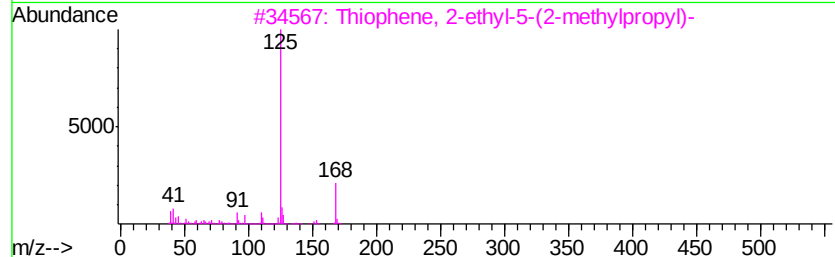
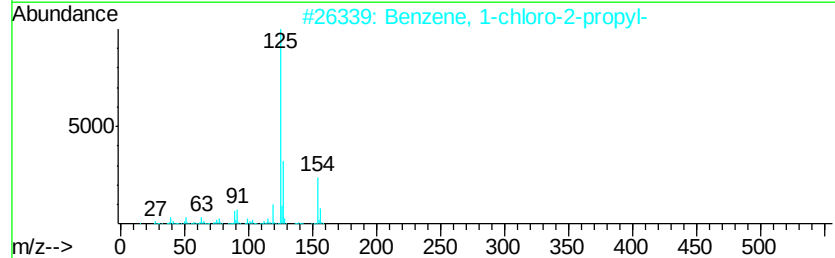
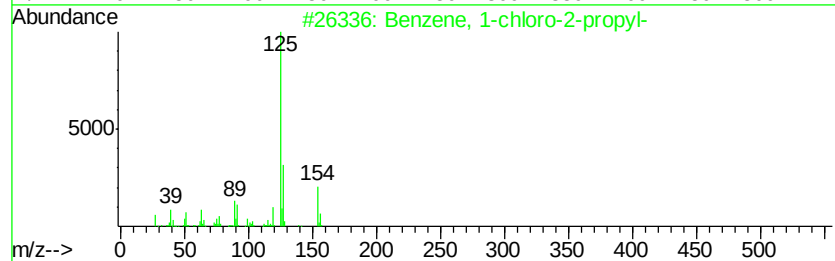
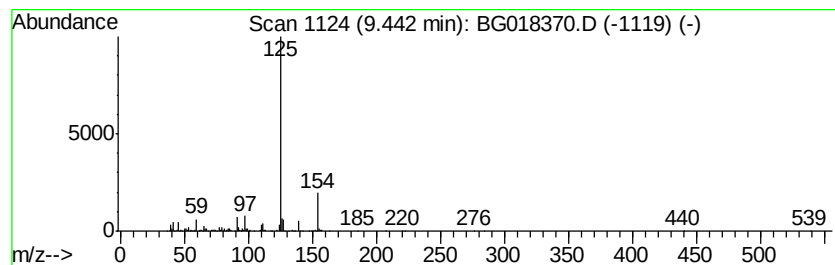
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-chloro-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	8.89 ng/ul	327726	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-propyl-	154	C9H11Cl	001730-86-5	59
2		Benzene, 1-chloro-2-propyl-	154	C9H11Cl	001730-86-5	59
3		Thiophene, 2-ethyl-5-(2-methylpr...	168	C10H16S	054411-05-1	53
4		3-(1-Methylpropyl)-2-hydroxy-2-c...	154	C9H14O2	025684-05-3	50
5		3,7-Dimethyl-1,1-bis(trimethylsi...	282	C16H34Si2	1000193-82-5	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
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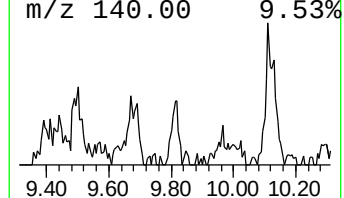
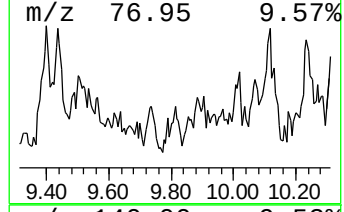
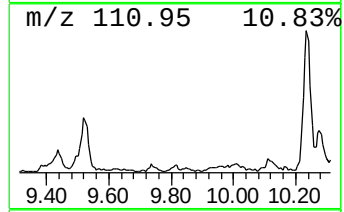
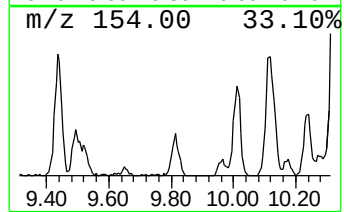
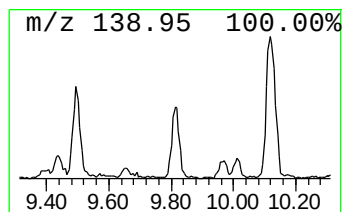
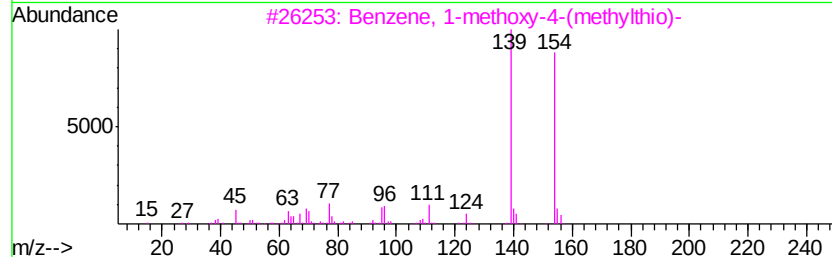
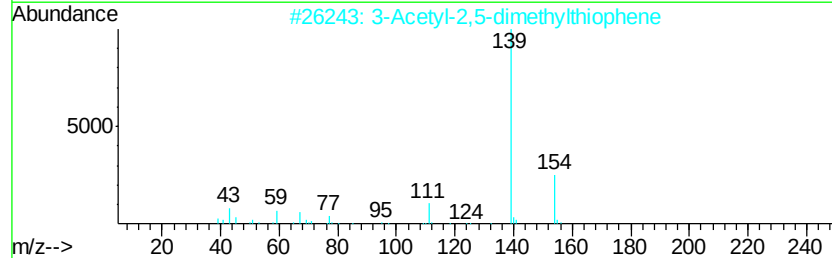
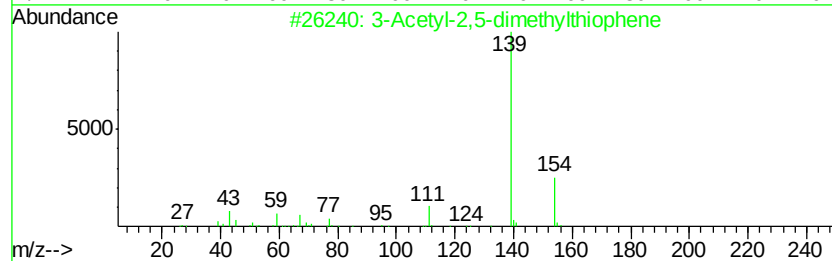
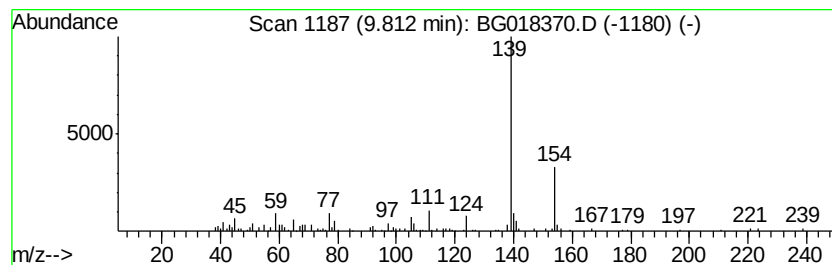
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 3-Acetyl-2,5-dimethylthiophene Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	2.01 ng/ul	101690	Napthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Acetyl-2,5-dimethylthiophene	154	C8H10OS	002530-10-1	83
2			3-Acetyl-2,5-dimethylthiophene	154	C8H10OS	002530-10-1	83
3			Benzene, 1-methoxy-4-(methylthio)-	154	C8H10OS	001879-16-9	80
4			Ethanone, 1-(2-chlorophenyl)-	154	C8H7ClO	002142-68-9	64
5			Benzene, 1-methoxy-4-(methylthio)-	154	C8H10OS	001879-16-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
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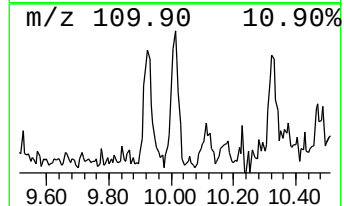
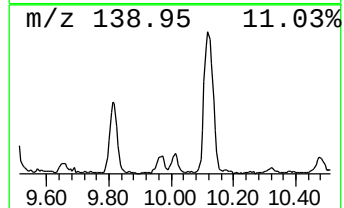
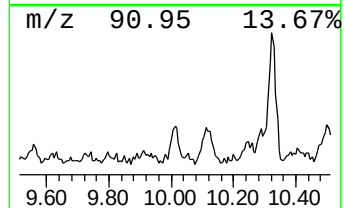
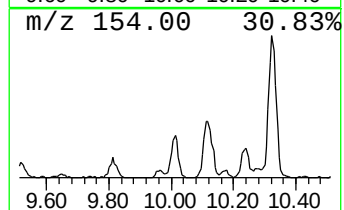
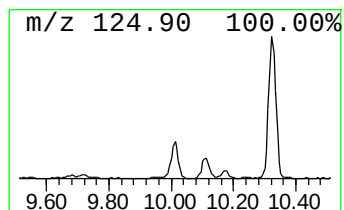
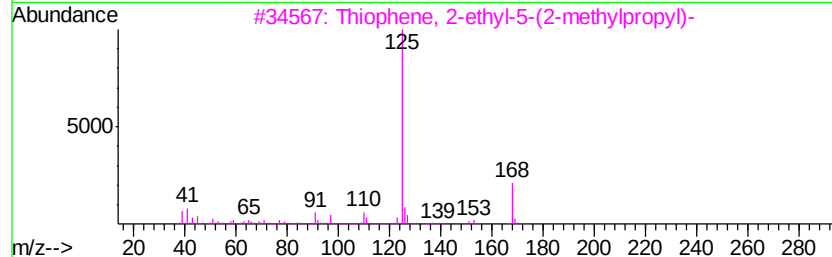
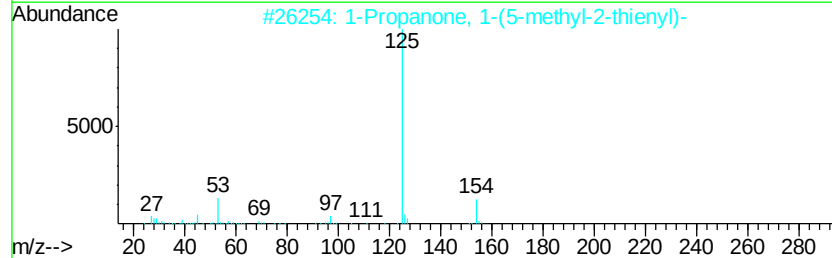
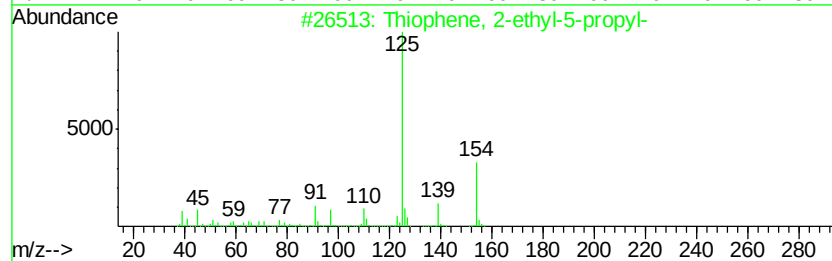
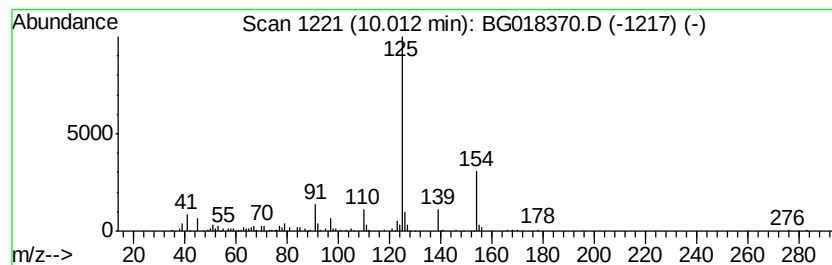
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Thiophene, 2-ethyl-5-propyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	2.39 ng/ul	120666	Napthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-ethyl-5-propyl-	154	C9H14S	054244-74-5	58
2		1-Propanone, 1-(5-methyl-2-thien...	154	C8H10OS	059303-13-8	58
3		Thiophene, 2-ethyl-5-(2-methylpr...	168	C10H16S	054411-05-1	53
4		2-Thiophenecarboxylic acid, 5-me...	156	C7H8O2S	019432-69-0	49
5		Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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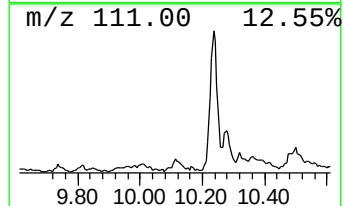
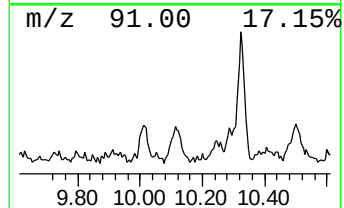
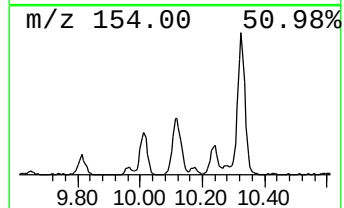
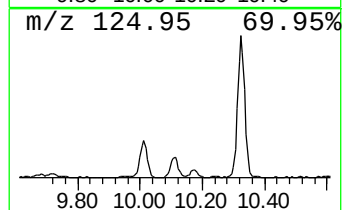
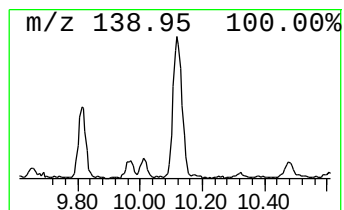
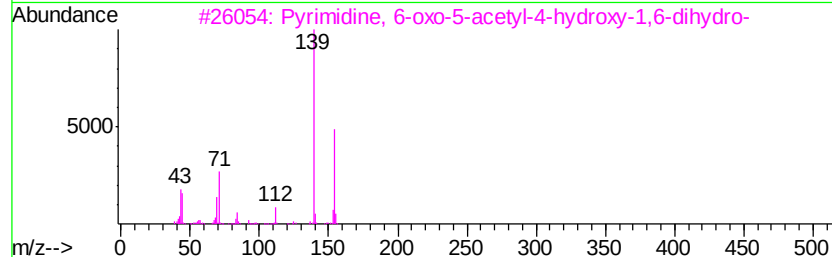
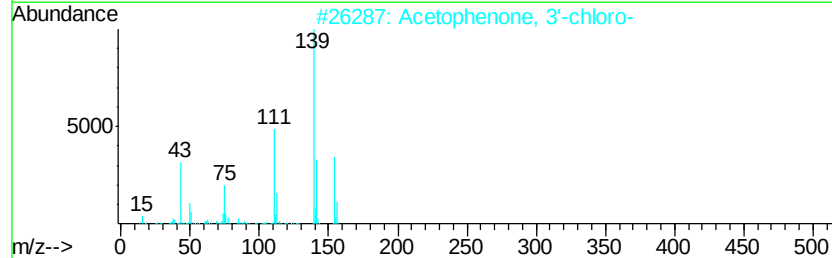
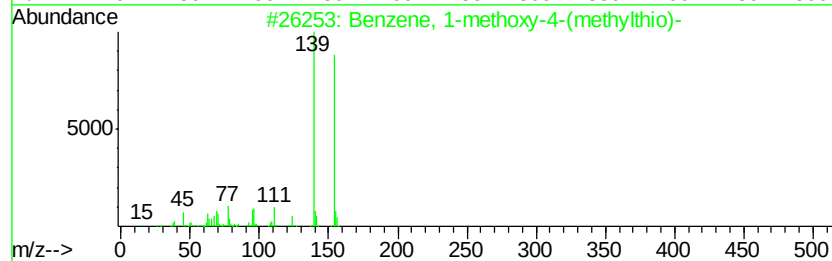
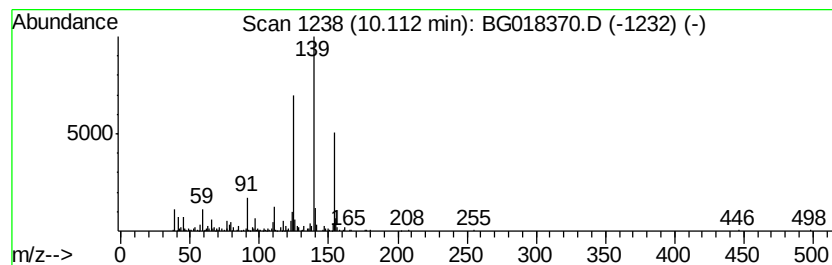
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1-methoxy-4-(methy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	5.56 ng/ul	281217	Napthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methoxy-4-(methylthio)-	154	C8H10OS	001879-16-9	53
2			Acetophenone, 3'-chloro-	154	C8H7ClO	000099-02-5	50
3			Pyrimidine, 6-oxo-5-acetyl-4-hyd...	154	C6H6N2O3	098792-81-5	50
4			3-Acetyl-2,5-dimethylthiophene	154	C8H10OS	002530-10-1	50
5			Acetophenone, 3'-chloro-	154	C8H7ClO	000099-02-5	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
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Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

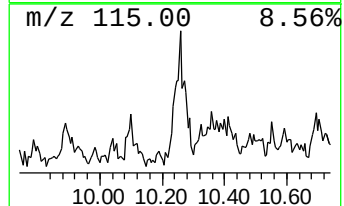
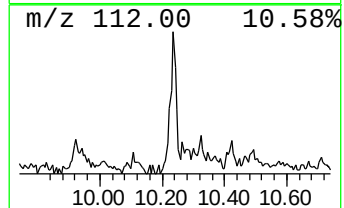
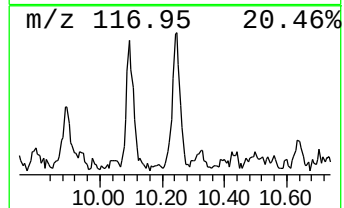
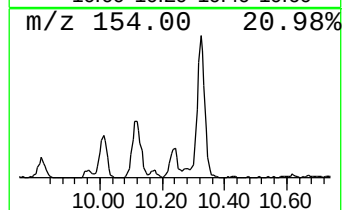
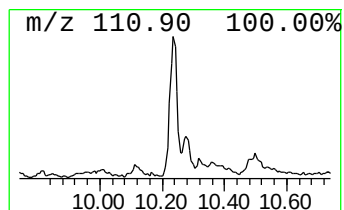
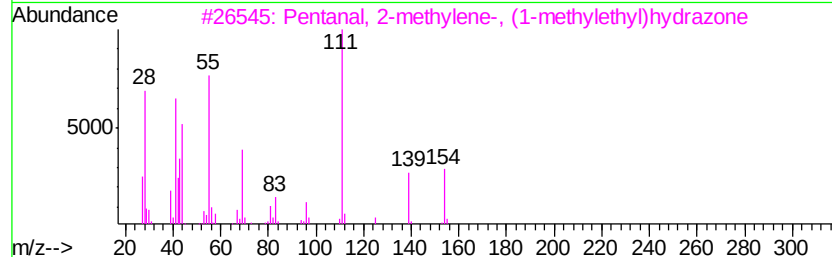
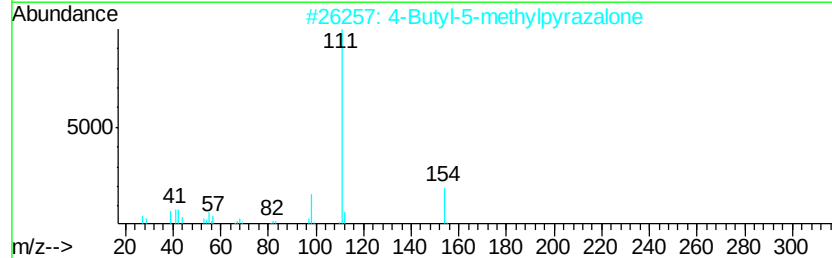
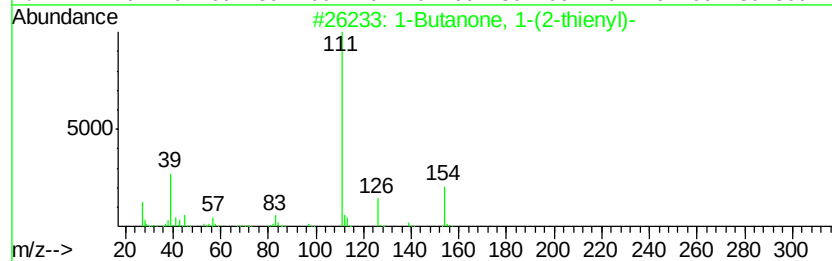
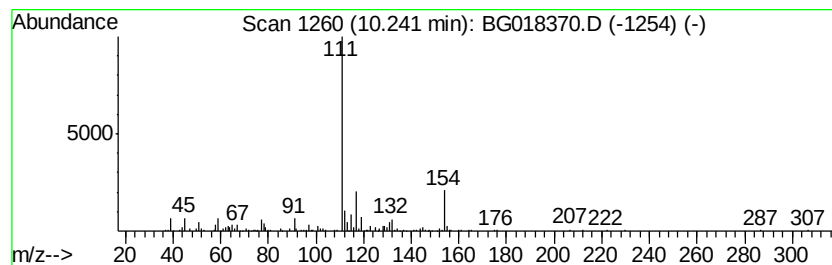
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1-Butanone, 1-(2-thienyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	4.00 ng/ul	202281	Napthalene-d8	10.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Butanone, 1-(2-thienyl)-	154 C8H10OS	005333-83-5	58
2	4-Butyl-5-methylpyrazalone	154 C8H14N2O	1000289-28-0	53
3	Pentanal, 2-methylene-, (1-methv...	154 C9H18N2	033063-80-8	53
4	Thiophene, 2-methyl-5-propyl-	140 C8H12S	033933-73-2	50
5	4-Hepten-3-one, 2,5,6-trimethyl-	154 C10H18O	016466-21-0	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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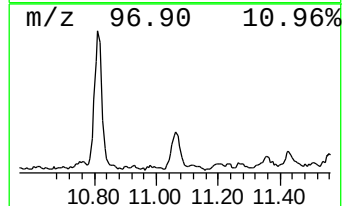
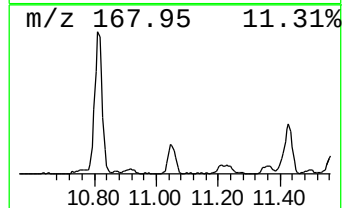
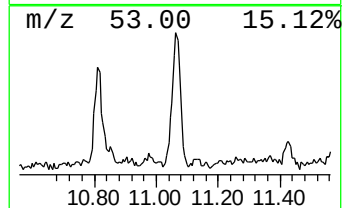
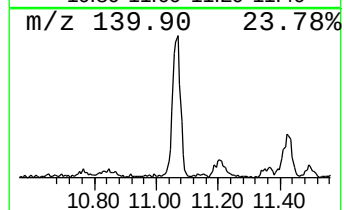
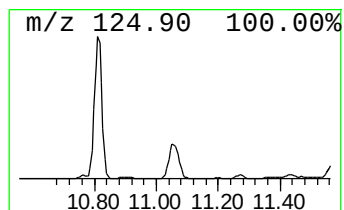
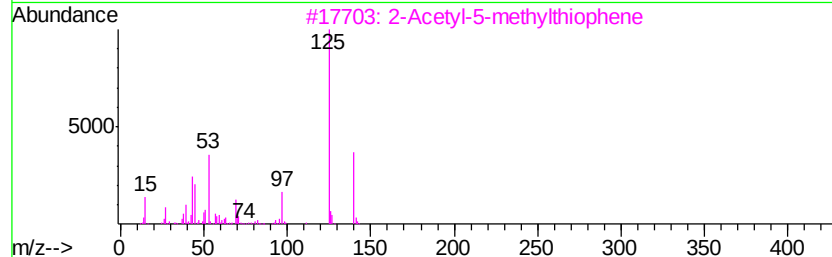
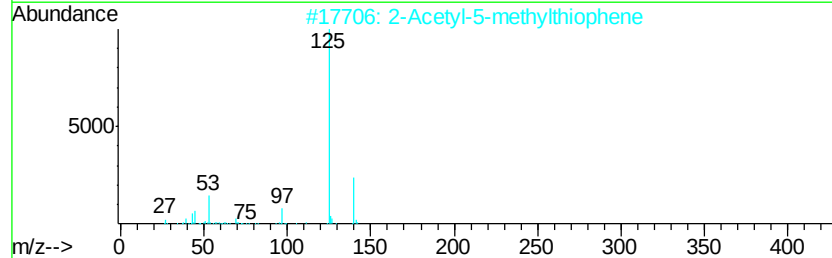
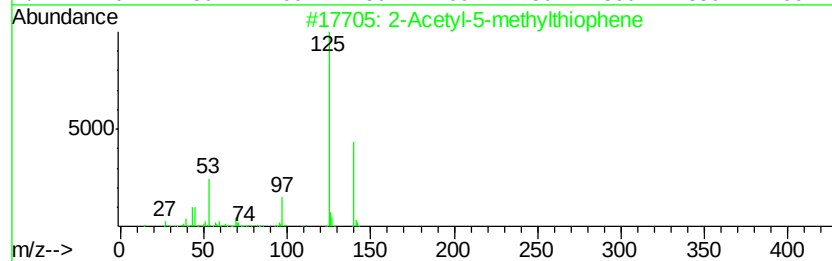
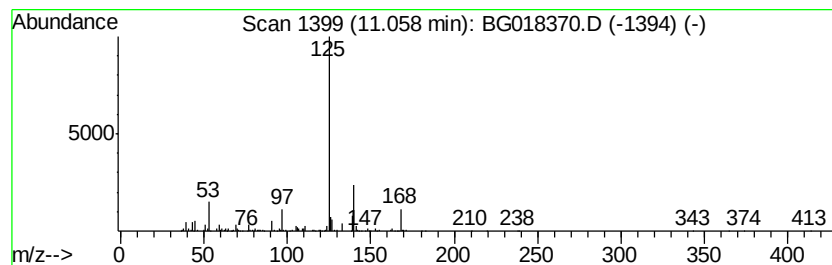
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2-Acetyl-5-methylthiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	11.01 ng/ul	556685	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	87
2		2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	87
3		2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	80
4		Ethanone, 1-(4-methyl-2-thienyl)-	140	C7H8OS	013679-73-7	72
5		Thiophene, 3-(1,1-dimethylethyl)-	140	C8H12S	001689-79-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

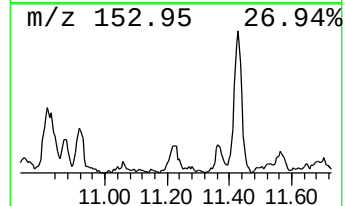
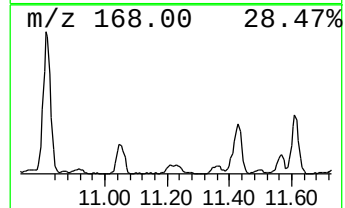
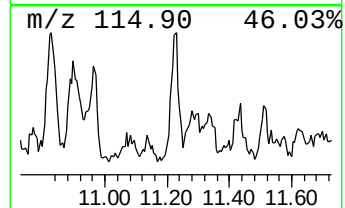
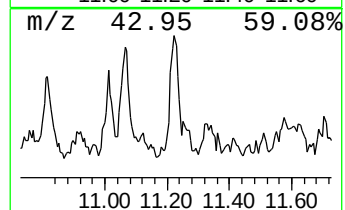
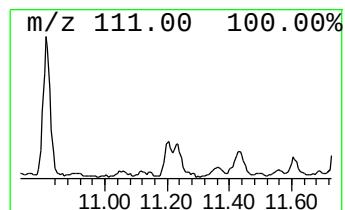
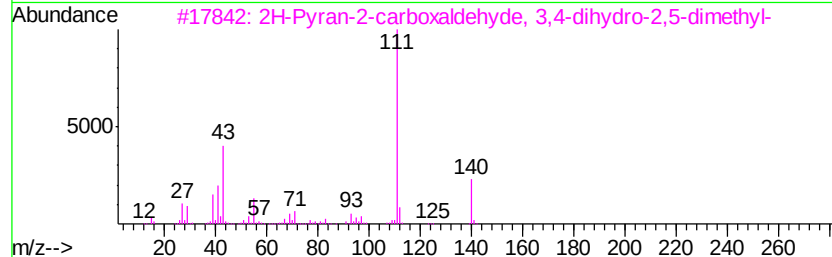
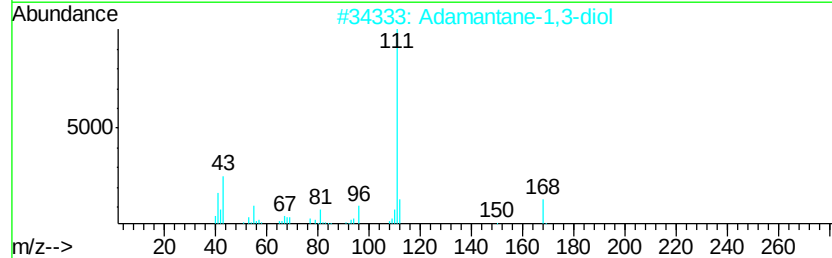
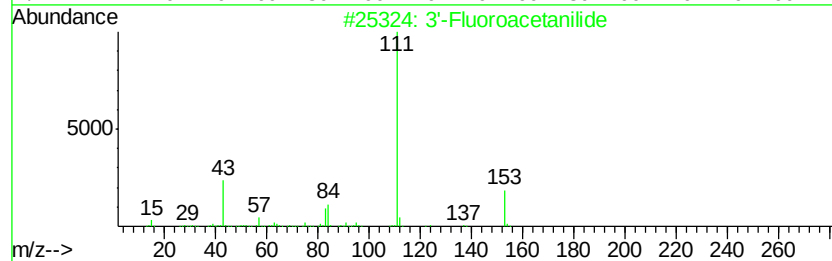
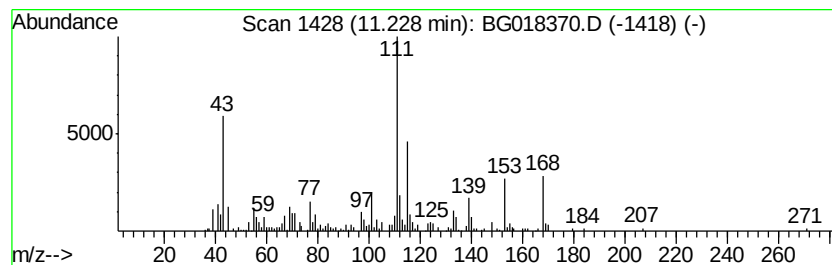
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	4.67 ng/ul	236262	Naphthalene-d8	10.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Fluoroacetanilide	153	C8H8FNO	000351-28-0	35
2	Adamantane-1,3-diol	168	C10H16O2	005001-18-3	35
3	2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	35
4	3'-Fluoroacetanilide	153	C8H8FNO	000351-28-0	35
5	Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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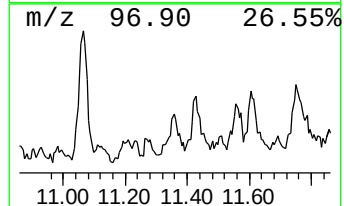
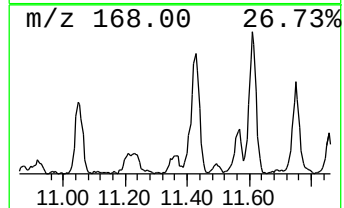
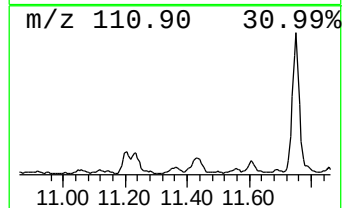
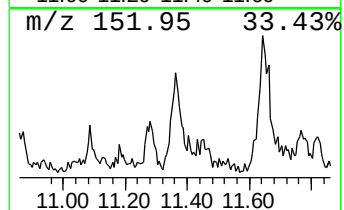
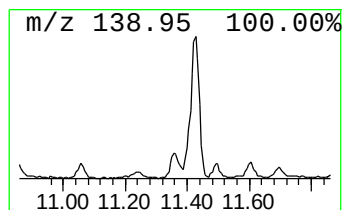
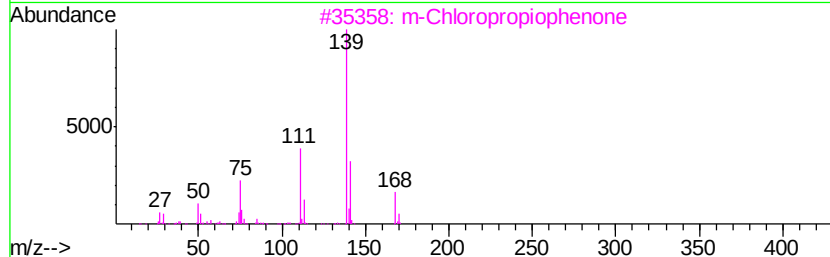
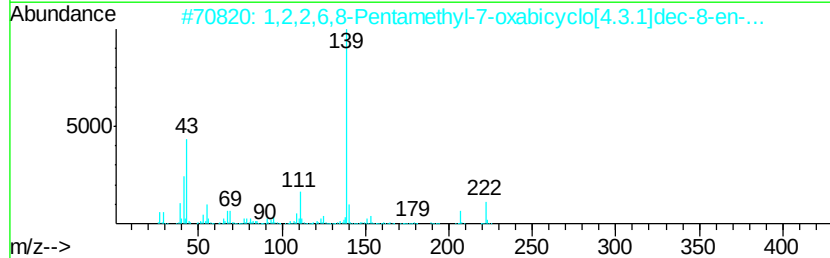
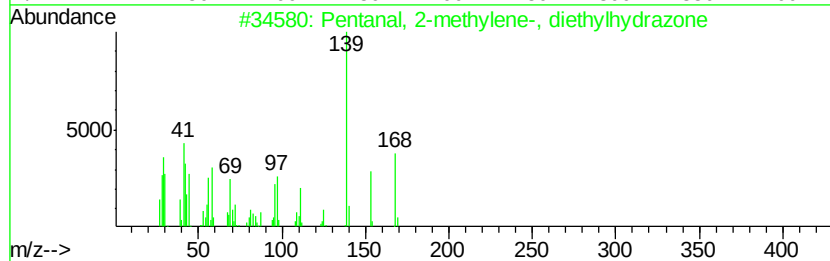
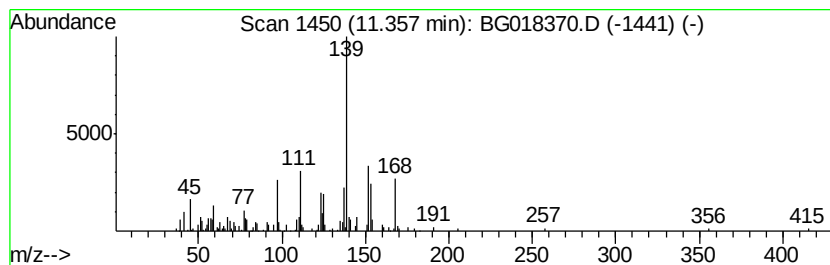
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	4.22 ng/ul	213152	Napthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal, 2-methylene-, diethylh...	168	C10H20N2	025186-14-5	49
2		1,2,2,6,8-Pentamethyl-7-oxabicyc...	222	C14H22O2	090165-13-2	35
3		m-Chloropropiophenone	168	C9H9ClO	034841-35-5	35
4		Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	35
5		N-(6,7-Dihydro-4H-thieno[3,2-c]p...	341	C16H14F3N02S	1000266-76-2	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
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Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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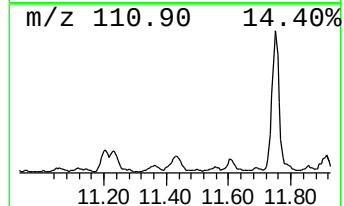
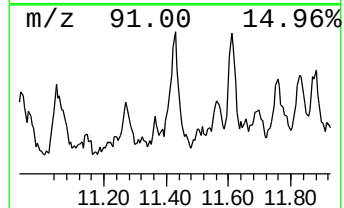
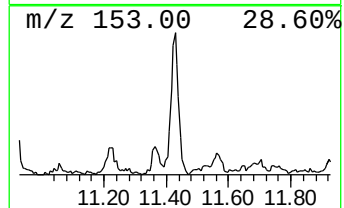
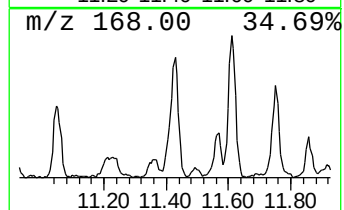
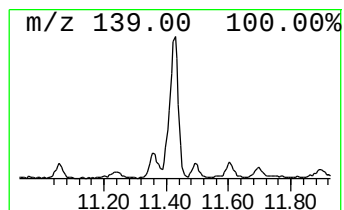
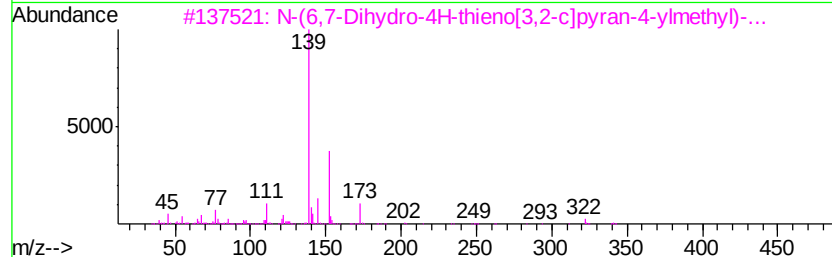
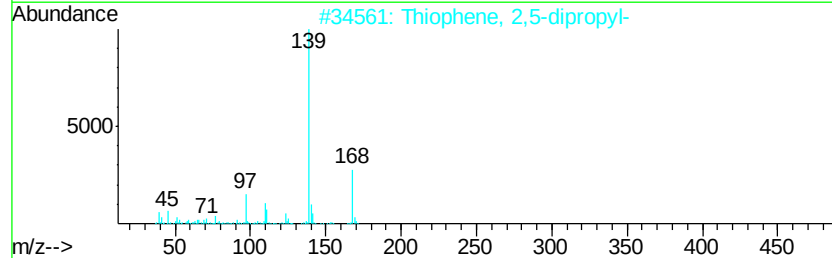
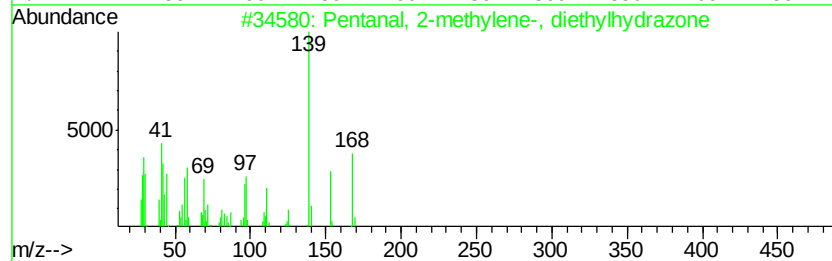
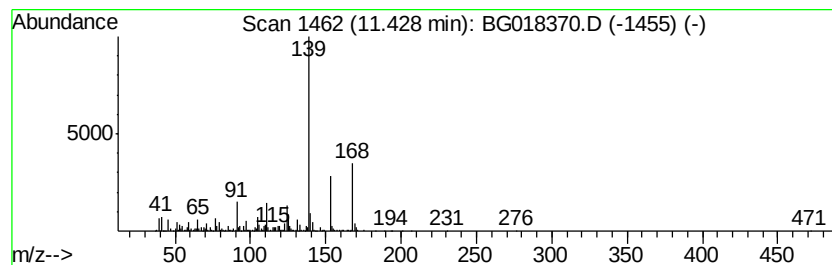
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Pentanal, 2-methylene-, die... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	10.10 ng/ul	510576	Napthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal, 2-methylene-, diethylh...	168	C10H20N2	025186-14-5	80
2		Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	64
3		N-(6,7-Dihydro-4H-thieno[3,2-c]p...	341	C16H14F3N02S	1000266-76-2	50
4		4-Chlorobenzoic acid, 2-isopropo...	290	C16H15ClO3	1000293-73-4	47
5		1-Methyl-2,2-dioxido-1H-2,1-benz...	349	C16H12ClN04S	1000266-53-9	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
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Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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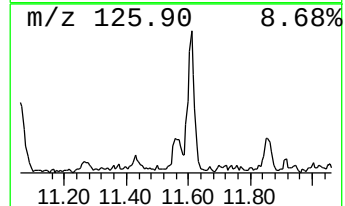
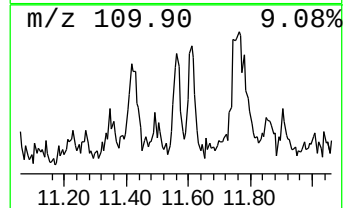
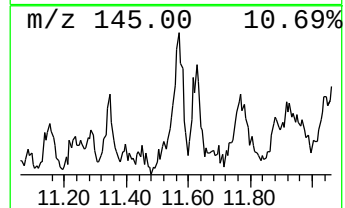
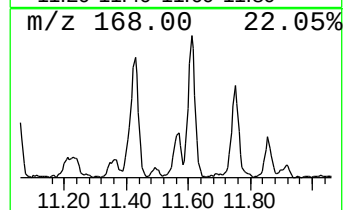
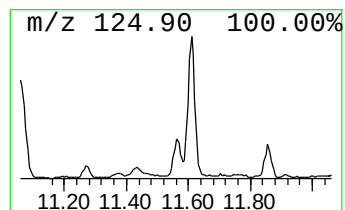
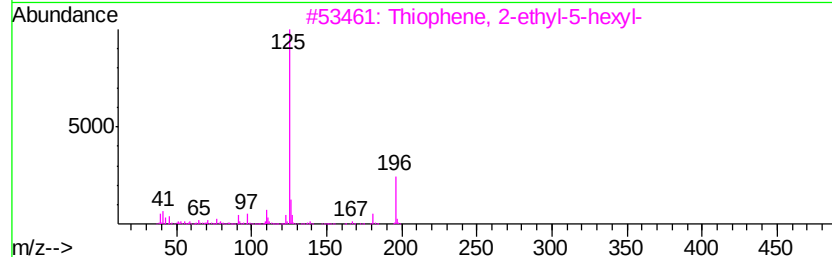
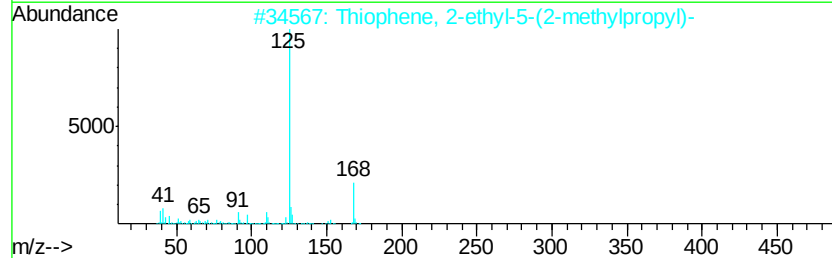
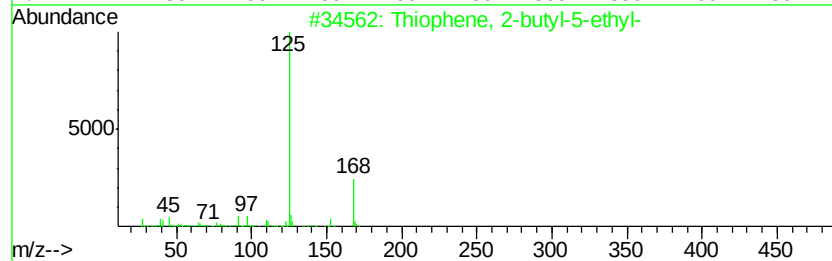
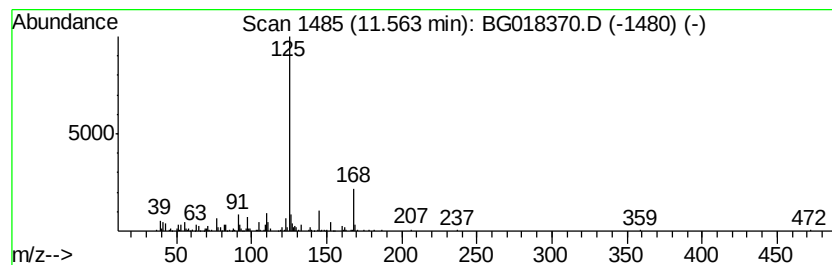
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Thiophene, 2-butyl-5-ethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.93 ng/ul	148140	Napthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-butyl-5-ethyl-	168	C10H16S	054411-06-2	83
2		Thiophene, 2-ethyl-5-(2-methylpr...	168	C10H16S	054411-05-1	80
3		Thiophene, 2-ethyl-5-hexyl-	196	C12H20S	042908-64-5	53
4		Thiophene, 2-ethyl-5-octyl-	224	C14H24S	055030-16-5	50
5		Thiophene, 2-ethyl-5-heptyl-	210	C13H22S	005206-09-7	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

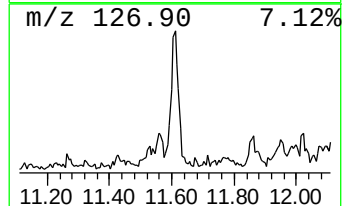
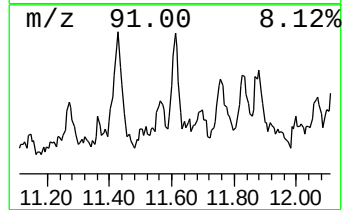
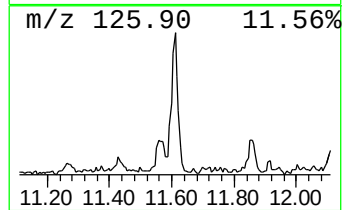
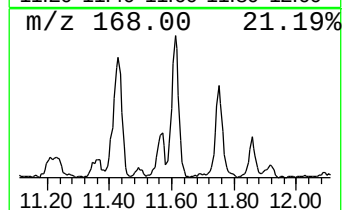
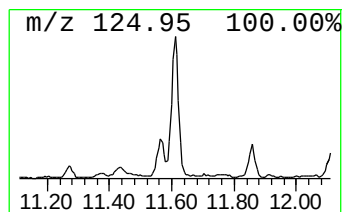
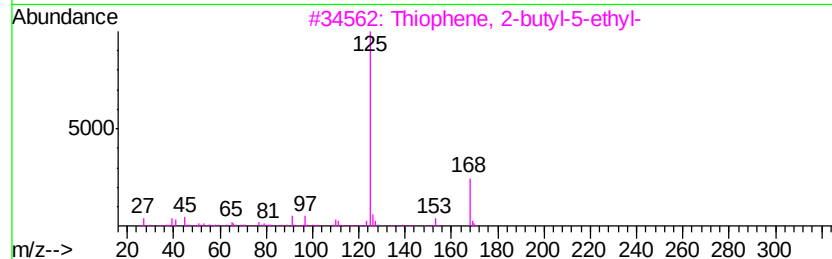
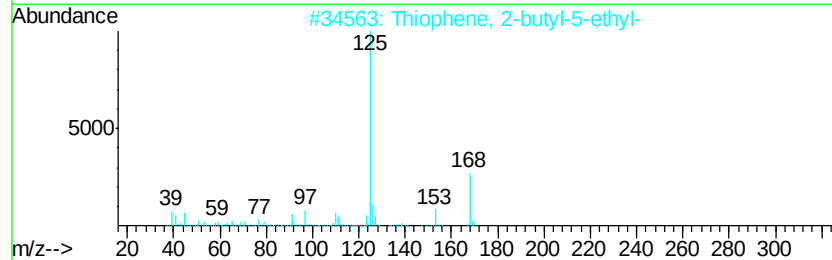
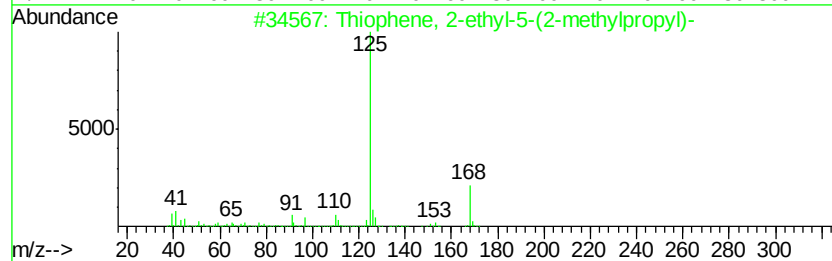
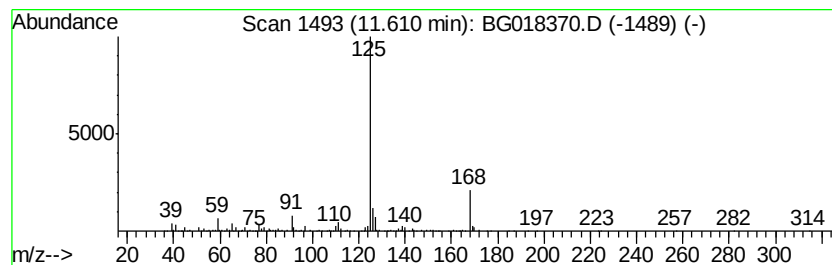
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Thiophene, 2-ethyl-5-(2-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	8.57 ng/ul	433270	Napthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2-ethyl-5-(2-methylpr...	168	C10H16S	054411-05-1	86
2			Thiophene, 2-butyl-5-ethyl-	168	C10H16S	054411-06-2	78
3			Thiophene, 2-butyl-5-ethyl-	168	C10H16S	054411-06-2	78
4			Thiophene, 2-ethyl-5-propyl-	154	C9H14S	054244-74-5	59
5			Benzene, (ethenylsulfonyl)-	168	C8H8O2S	005535-48-8	56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

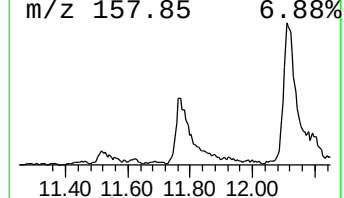
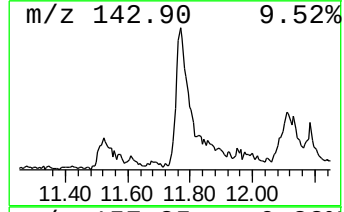
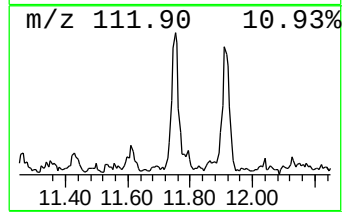
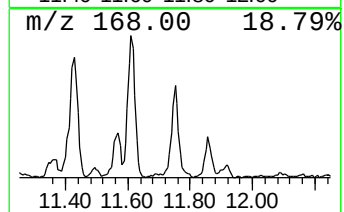
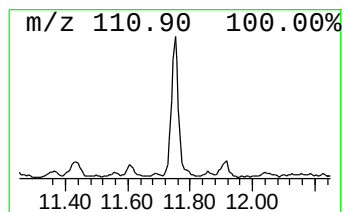
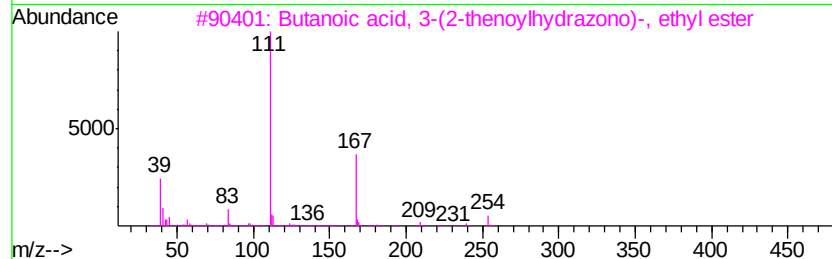
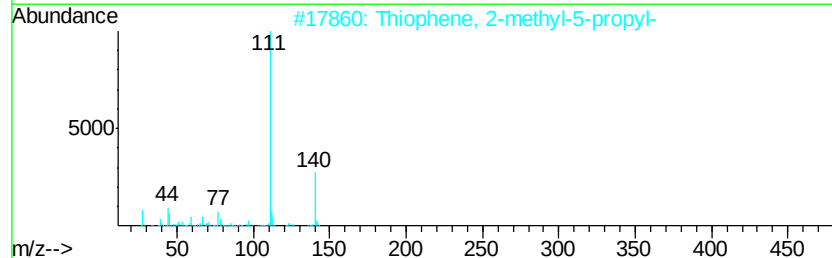
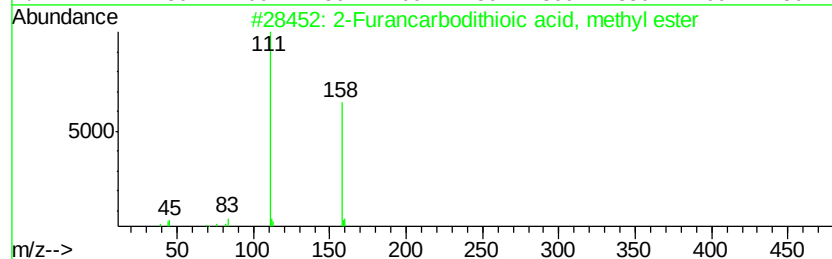
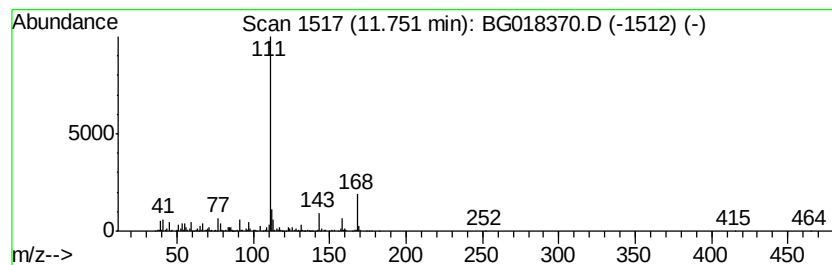
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 2-Furancarbodithioic acid, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	9.41 ng/ul	475907	Napthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Furancarbodithioic acid, methy...	158	C6H6OS2	035972-85-1	59
2			Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	45
3			Butanoic acid, 3-(2-thenovlhvdra...	254	C11H14N2O3S	314765-48-5	45
4			Thiophene, 2-methyl-5-[4-bromo-n...	232	C9H13BrS	288323-51-3	45
5			Butane-1,4-dione, 1,4-bis(2-thie...	250	C12H10O2S2	013669-05-1	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

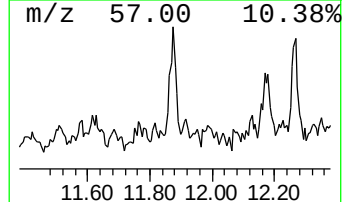
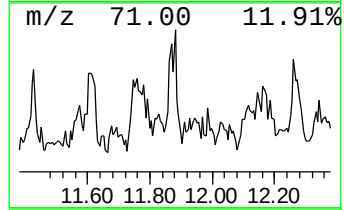
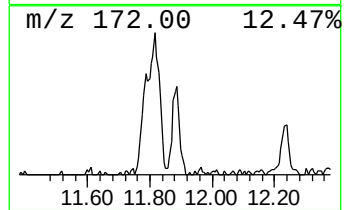
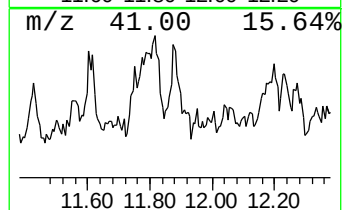
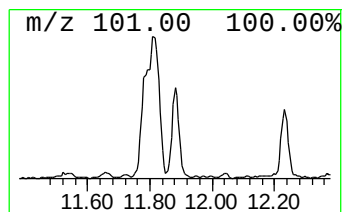
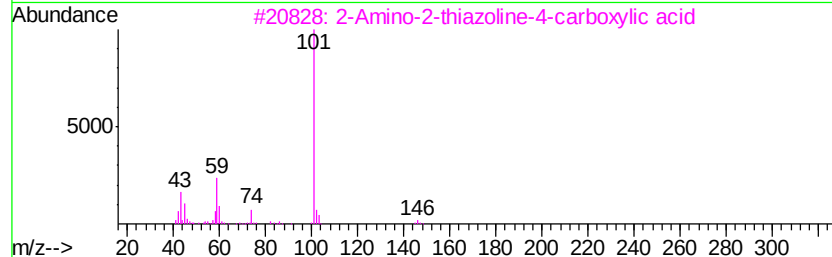
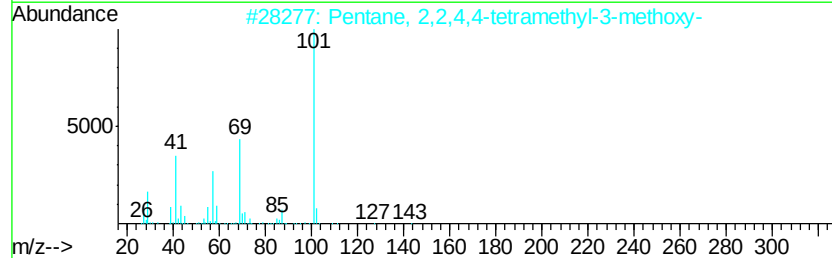
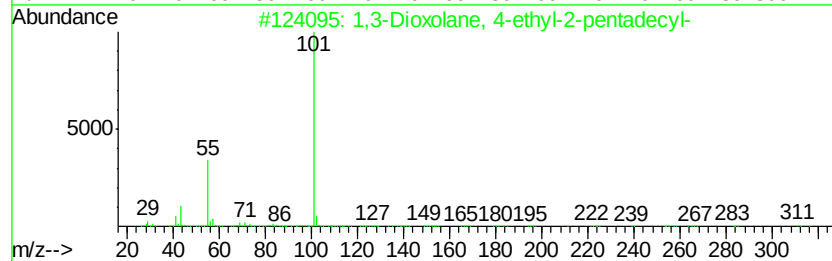
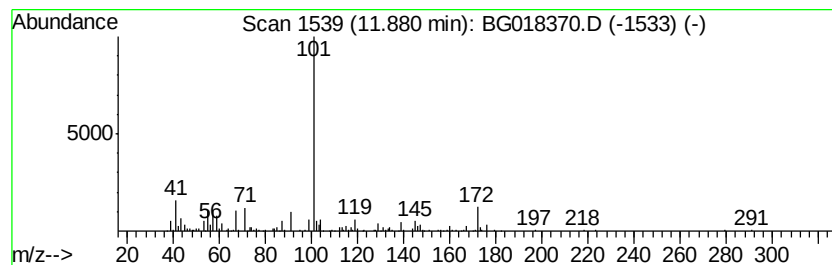
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-03 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.87 ng/ul	245991	Naphthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 4-ethyl-2-pentade...	312	C20H40O2	056599-60-1	47
2			Pentane, 2,2,4,4-tetramethyl-3-m...	158	C10H22O	1000162-71-8	47
3			2-Amino-2-thiazoline-4-carboxyli...	146	C4H6N2O2S	002150-55-2	47
4			2-n-Hexylthiacyclohexane	186	C11H22S	001622-05-5	40
5			1,3-Dioxolane, 4,5-dimethyl-2-pe...	312	C20H40O2	056599-61-2	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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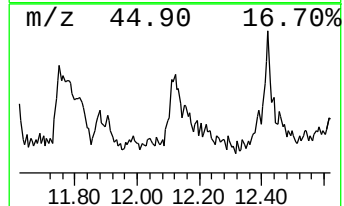
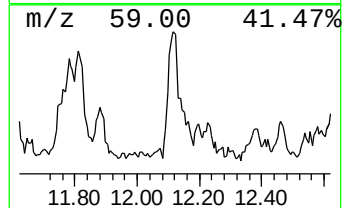
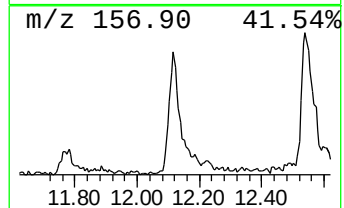
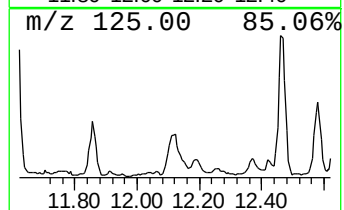
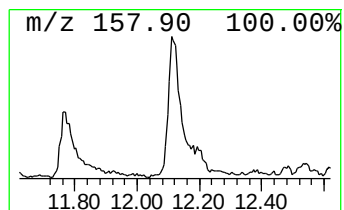
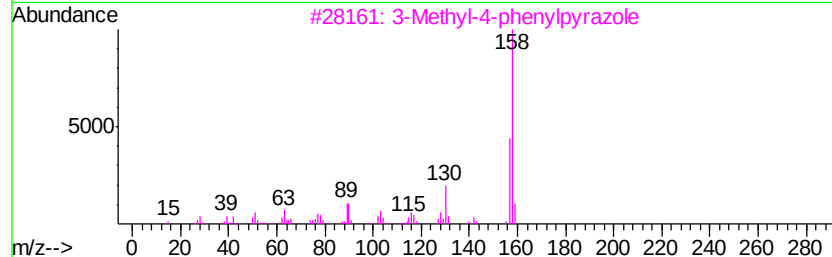
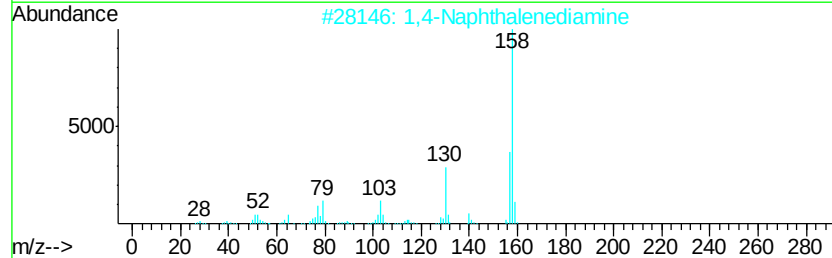
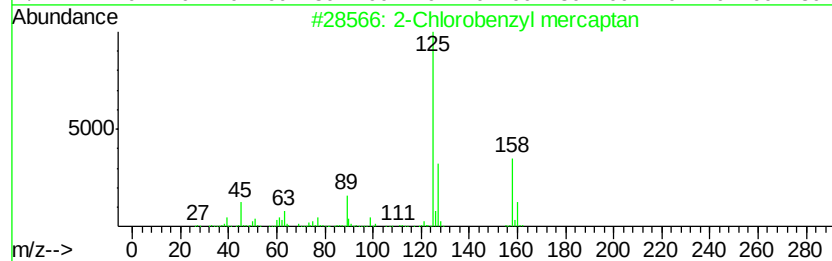
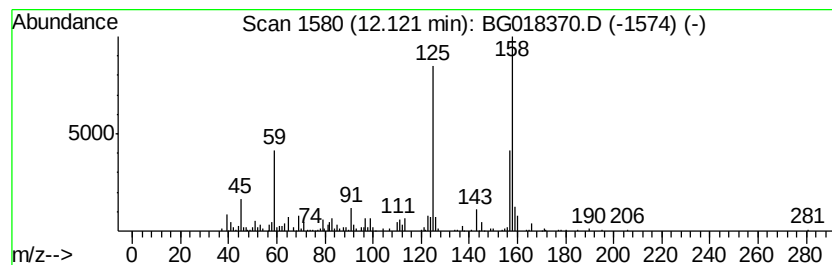
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	4.74 ng/ul	239593	Naphthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Chlorobenzyl mercaptan	158	C7H7ClS	017733-22-1	47
2			1,4-Naphthalenediamine	158	C10H10N2	002243-61-0	38
3			3-Methyl-4-phenylpyrazole	158	C10H10N2	013788-84-6	38
4			1H-Pyrazole, 3-methyl-1-phenyl-	158	C10H10N2	001128-54-7	35
5			1,8-Naphthyridine, 2,7-dimethyl-	158	C10H10N2	014903-78-7	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

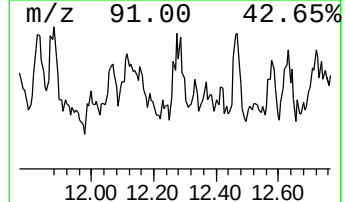
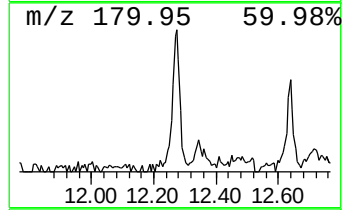
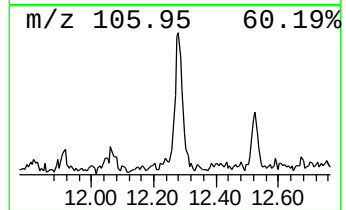
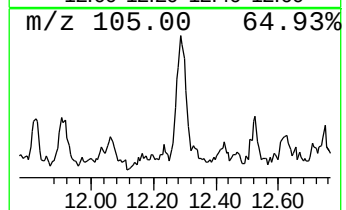
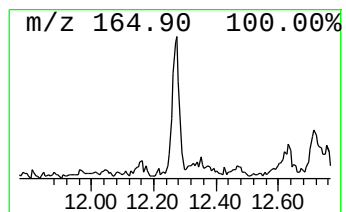
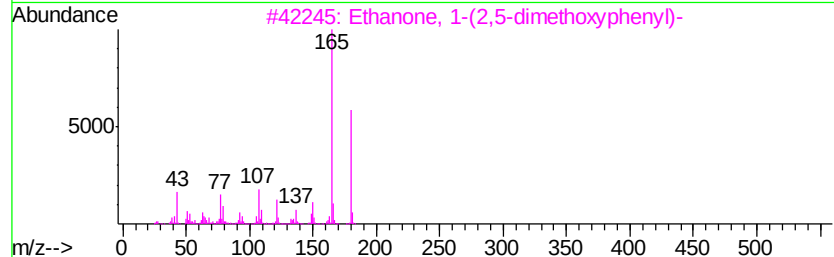
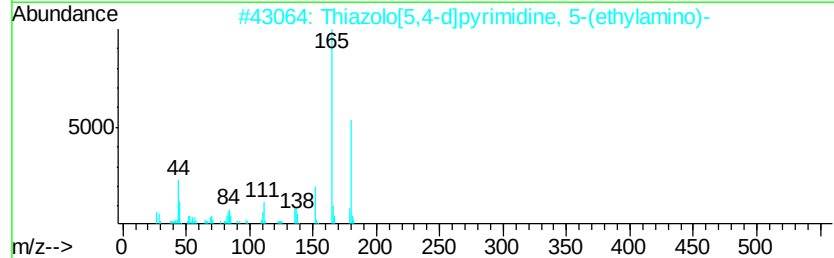
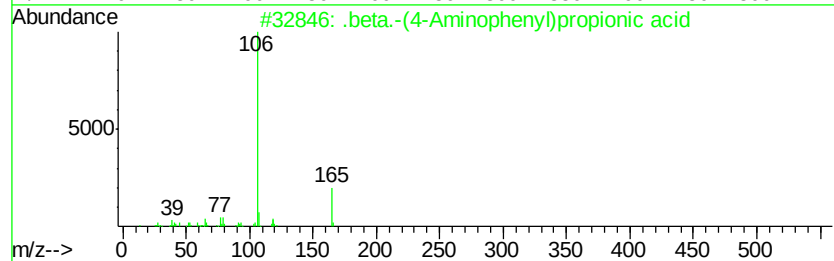
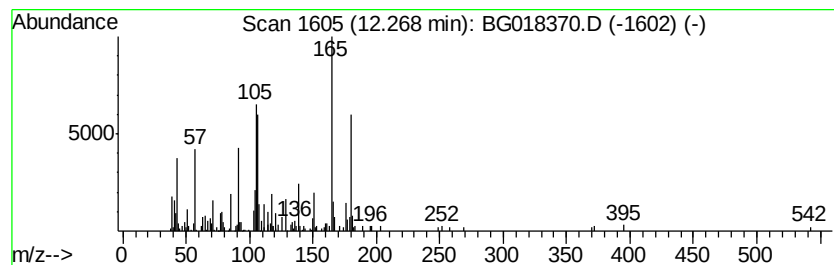
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-05 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.68 ng/ul	135581	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-(4-Aminophenyl)propionic ...	165	C9H11NO2	002393-17-1	46
2		Thiazolo[5,4-d]pyrimidine, 5-(et...	180	C7H8N4S	019835-21-3	42
3		Ethanone, 1-(2,5-dimethoxyphenyl)-	180	C10H12O3	001201-38-3	42
4		2',4'-Dimethoxyacetophenone	180	C10H12O3	000829-20-9	38
5		Silane, trimethyl(2-methylphenoxy)-	180	C10H16OSi	001009-02-5	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

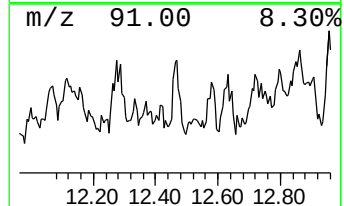
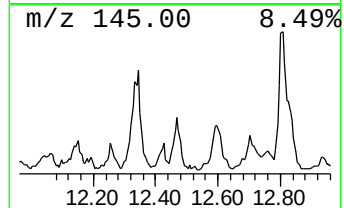
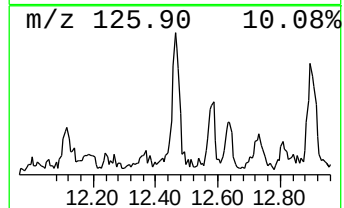
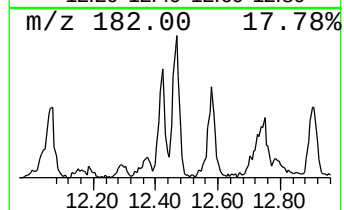
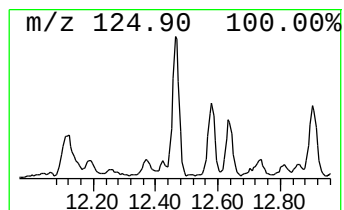
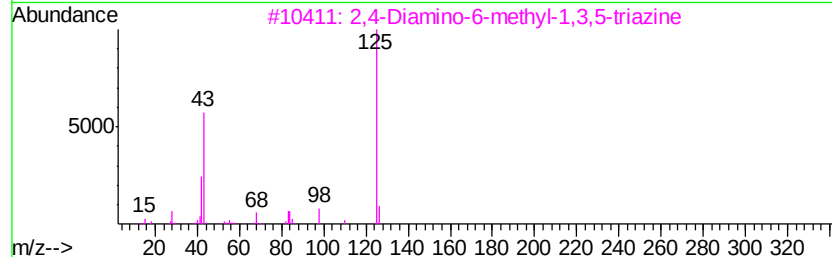
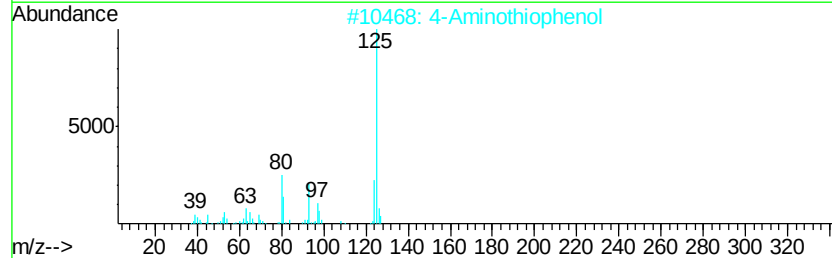
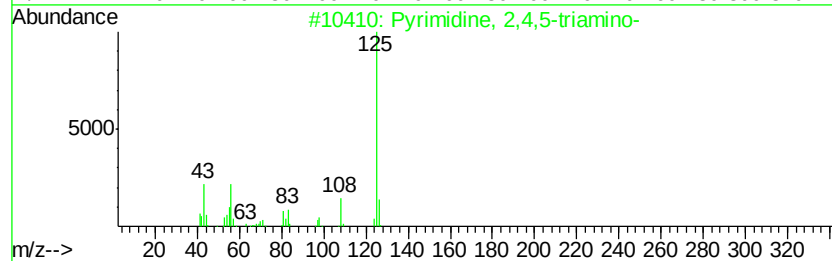
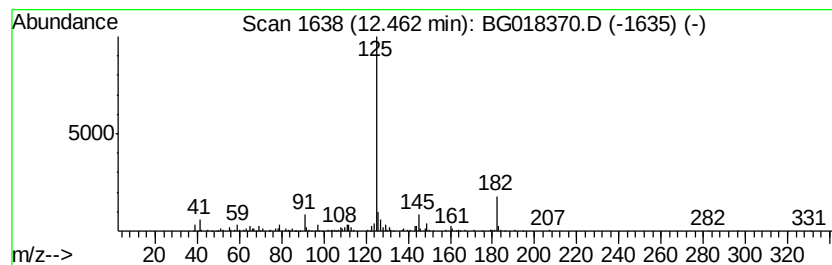
Instrument :
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ClientSampleId :
C01W8

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Pyrimidine, 2,4,5-triamino- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.26 ng/ul	215469	Napthalene-d8	10.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrimidine, 2,4,5-triamino-	125 C4H7N5	003546-50-7 59
2		4-Aminothiophenol	125 C6H7NS	001193-02-8 58
3		2,4-Diamino-6-methyl-1,3,5-triazine	125 C4H7N5	000542-02-9 53
4		Thiophene, 2-ethyl-5-(2-methylpr...	168 C10H16S	054411-05-1 45
5		2-Furancarboxylic acid, trimethy...	184 C8H12O3Si	055887-53-1 45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

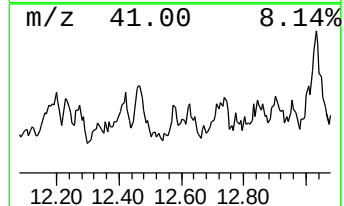
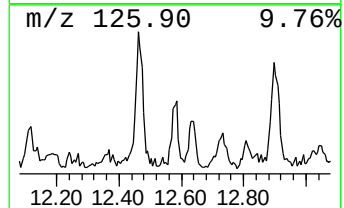
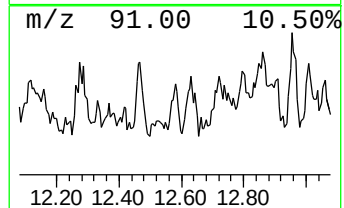
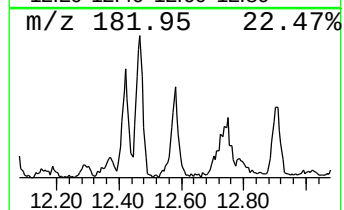
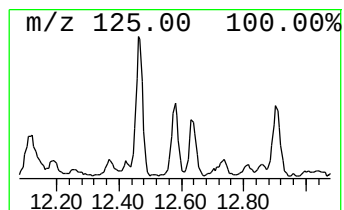
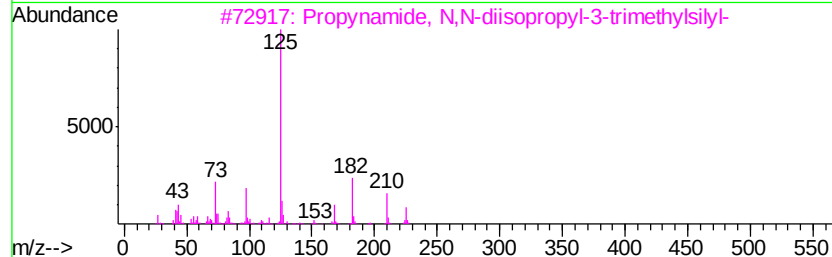
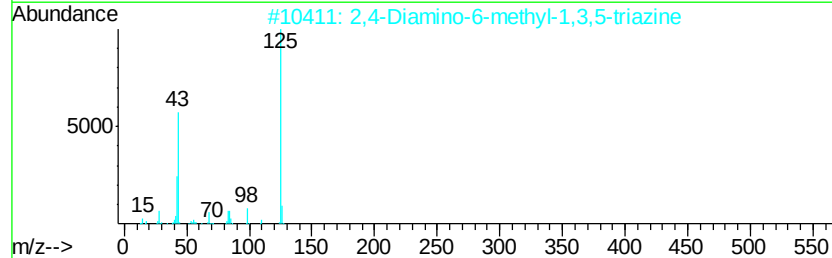
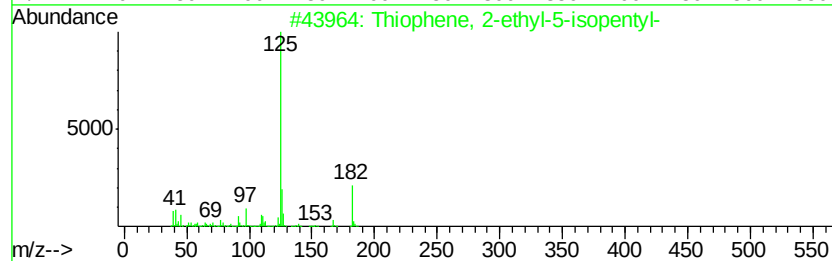
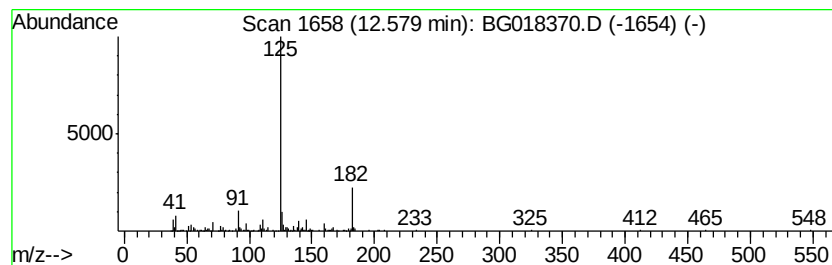
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 unknown-06 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.22 ng/ul	112435	Napthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-ethyl-5-isopentyl-	182	C11H18S	026963-39-3	45
2		2,4-Diamino-6-methyl-1,3,5-triazine	125	C4H7N5	000542-02-9	40
3		Propynamide, N,N-diisopropyl-3-t...	225	C12H23NOSi	1000152-75-8	39
4		Bis[phenylsulfonyl]-4-carboxyl p...	416	C20H16O6S2	081269-08-1	33
5		Furane-2-carboxylic acid, 5-[4-(...	260	C15H16O4	1000272-92-6	33



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

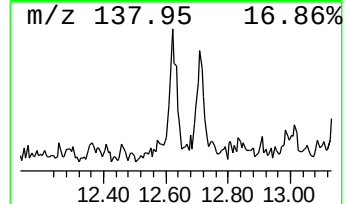
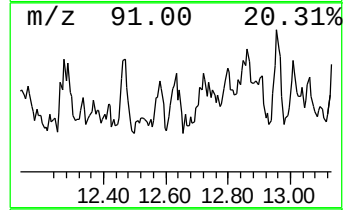
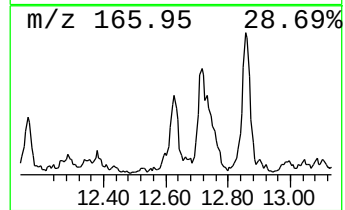
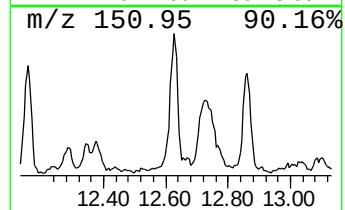
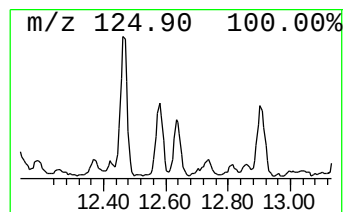
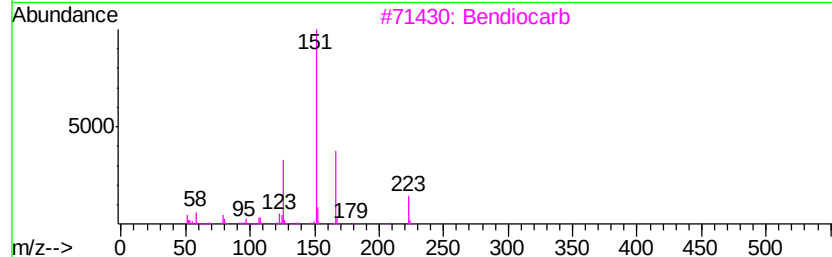
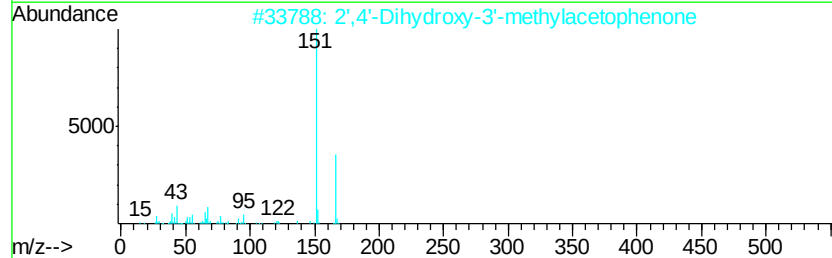
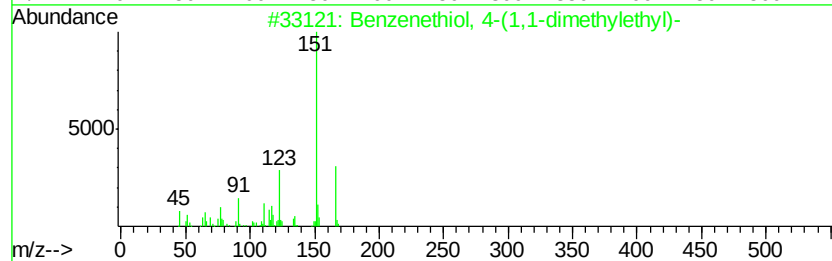
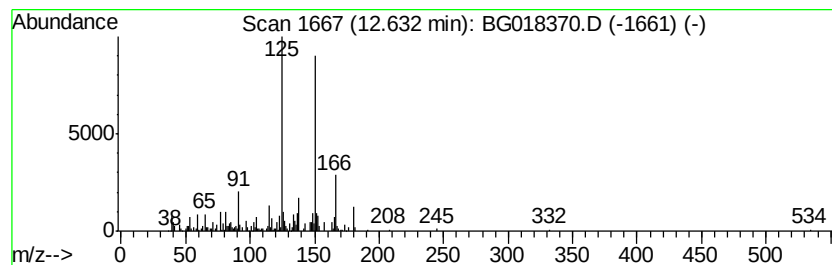
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-07 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.11 ng/ul	308798	Napthalene-d8	10.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenethiol, 4-(1,1-dimethyleth...	166	C10H14S	002396-68-1	45
2			2',4'-Dihydroxy-3'-methylacetoph...	166	C9H10O3	010139-84-1	43
3			Bendiocarb	223	C11H13NO4	022781-23-3	43
4			Ethanone, 1-(2-hydroxy-6-methoxy...	166	C9H10O3	000703-23-1	38
5			4-Ethoxy-3-anisaldehyde	180	C10H12O3	000120-25-2	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

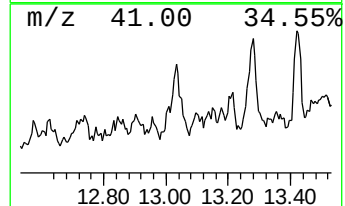
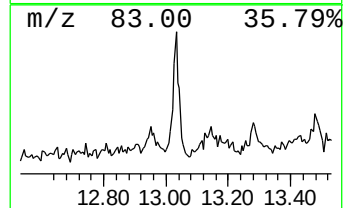
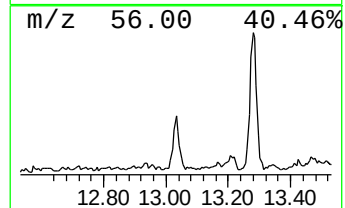
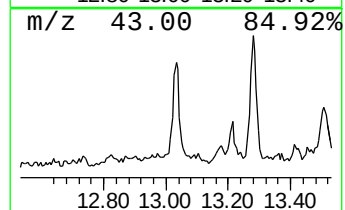
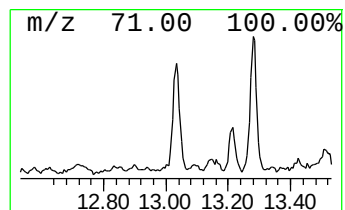
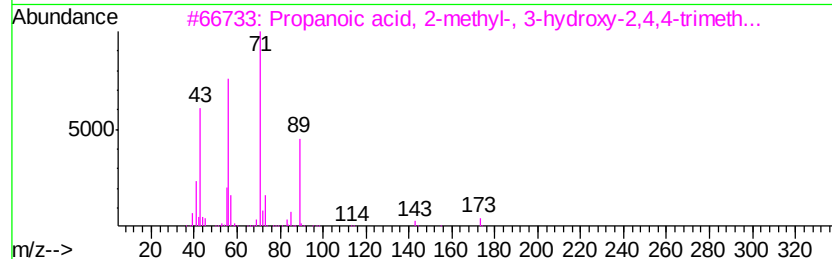
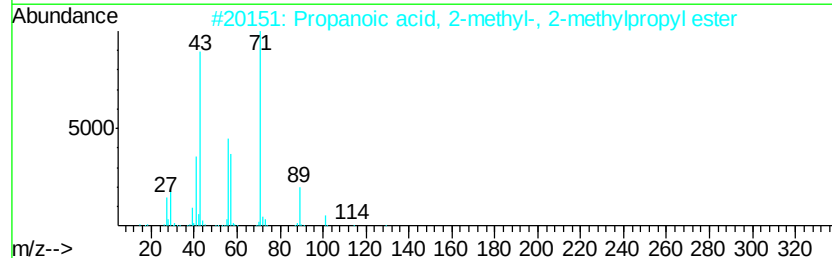
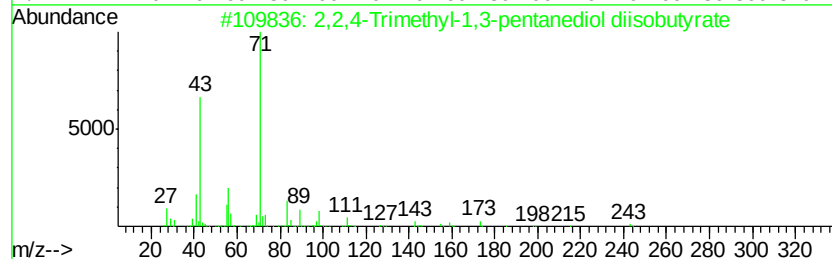
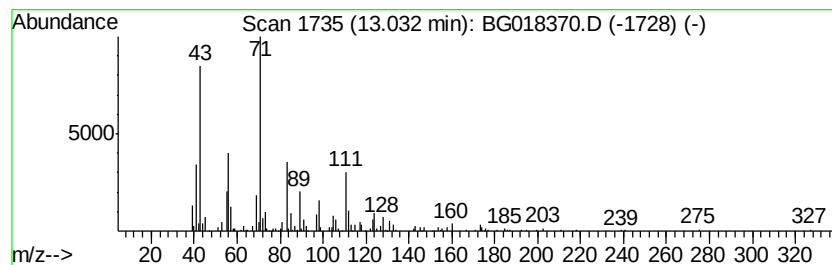
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.50 ng/ul	426903	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	50
2			Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	47
3			Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	43
4			3-Methyl-hepta-1,6-dien-3-ol	126	C8H14O	034780-69-3	38
5			Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

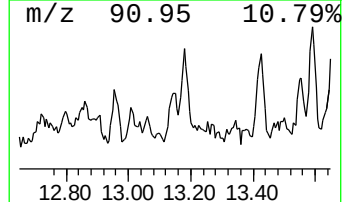
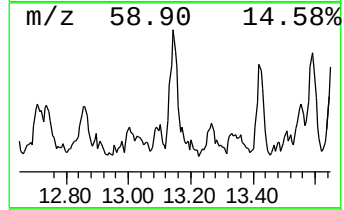
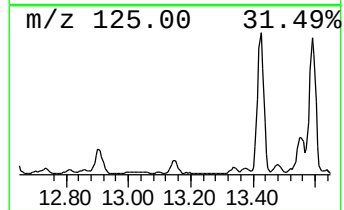
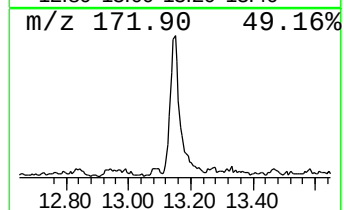
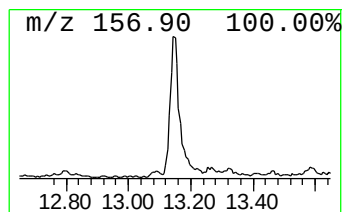
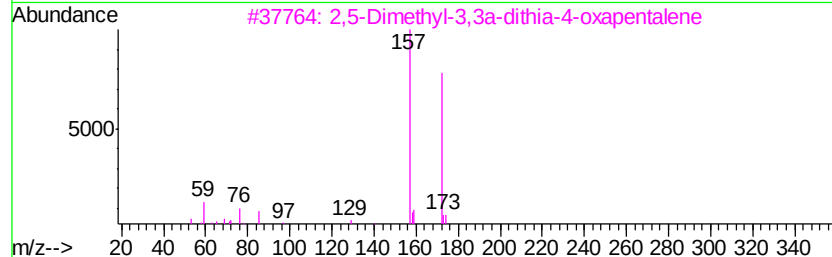
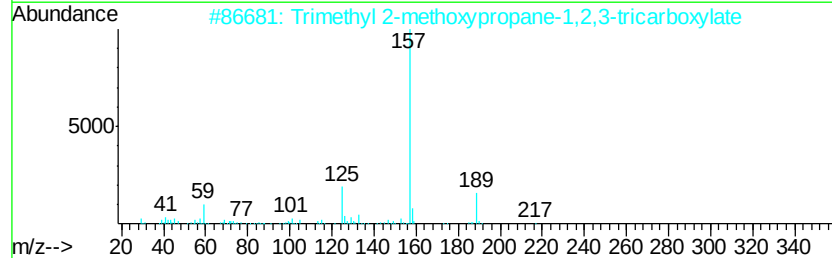
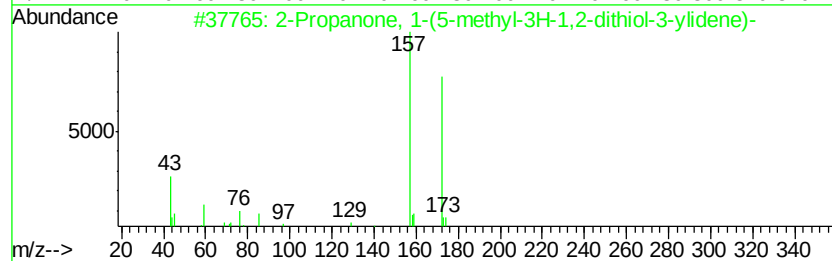
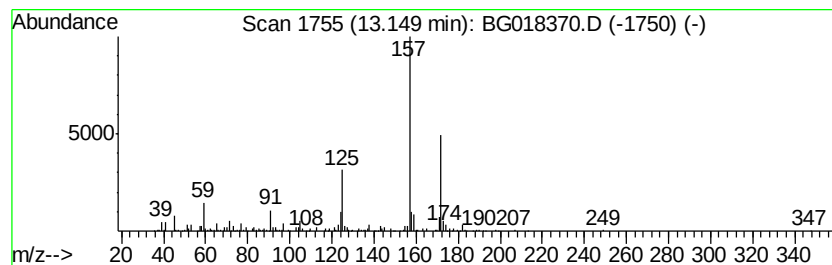
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 2-Propanone, 1-(5-methyl-3H... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.23 ng/ul	394319	Acenaphthene-d10	14.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1-(5-methyl-3H-1,2-...	172	C7H8OS2	001005-55-6	59
2			Trimethyl 2-methoxypropane-1,2,3...	248	C10H16O7	1000110-15-7	47
3			2,5-Dimethyl-3,3a-dithia-4-oxape...	172	C7H8OS2	031199-80-1	45
4			Cyclopent[el]-1,3-oxazine-2(3H)-t...	157	C7H11NOS	1000139-25-4	43
5			Naphthalene, 1,2-dihydro-4,6,8-t...	172	C13H16	053156-12-0	36



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

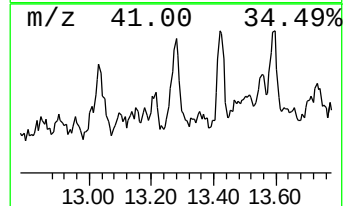
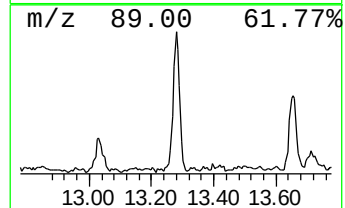
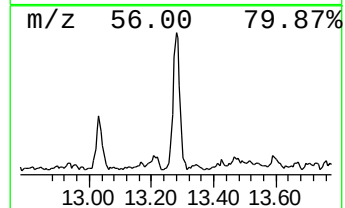
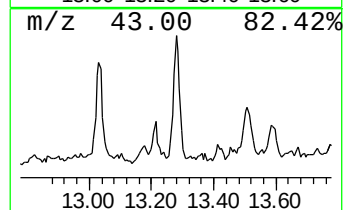
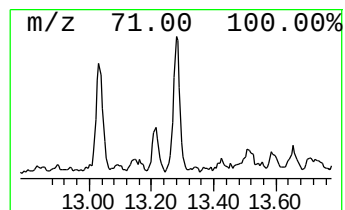
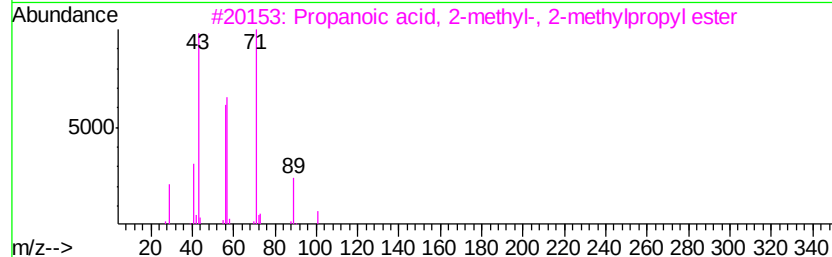
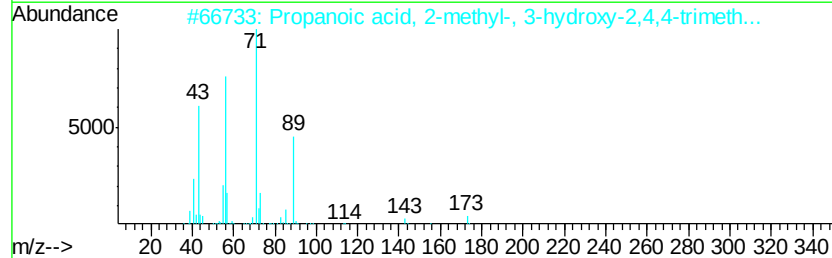
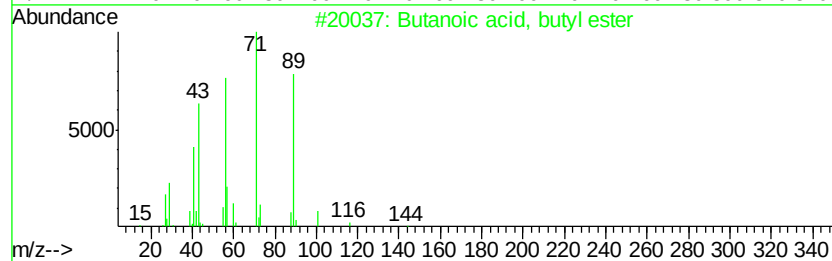
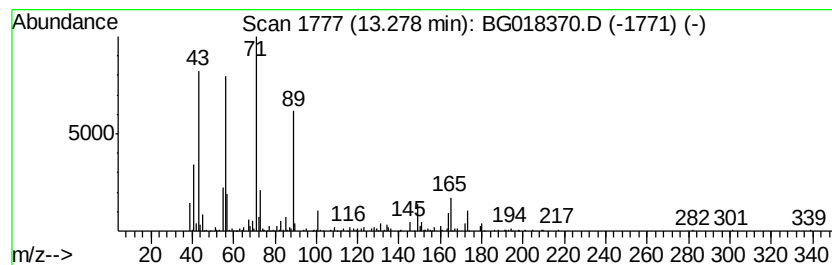
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Butanoic acid, butyl ester Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.40 ng/ul	413992	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
2		Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	50
3		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	47
4		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	47
5		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018370.D
 Acq On : 11 Aug 2015 1:22
 Operator : UM/MA
 Sample : G3109-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
Thiophene, 2-ethy...	7.14	13.2	ng/ul	487819	1	8.04	737547	20.0
Thiophene, 2-(1-m...	7.28	2.7	ng/ul	99753	1	8.04	737547	20.0
2-Cyclopenten-1-o...	7.49	6.3	ng/ul	233252	1	8.04	737547	20.0
para-Methoxybenze...	8.61	8.4	ng/ul	310532	1	8.04	737547	20.0
Thiophene, 2,5-di...	8.94	6.8	ng/ul	252226	1	8.04	737547	20.0
Benzene, 1-methyl...	9.05	3.0	ng/ul	112586	1	8.04	737547	20.0
Phosphine, dimeth...	9.39	6.7	ng/ul	245605	1	8.04	737547	20.0
Benzene, 1-chloro...	9.44	8.9	ng/ul	327726	1	8.04	737547	20.0
3-Acetyl-2,5-dime...	9.81	2.0	ng/ul	101690	2	10.85	1011170	20.0
Thiophene, 2-ethy...	10.01	2.4	ng/ul	120666	2	10.85	1011170	20.0
Benzene, 1-methox...	10.11	5.6	ng/ul	281217	2	10.85	1011170	20.0
1-Butanone, 1-(2-...	10.24	4.0	ng/ul	202281	2	10.85	1011170	20.0
2-Acetyl-5-methyl...	11.06	11.0	ng/ul	556685	2	10.85	1011170	20.0
unknown-01	11.23	4.7	ng/ul	236262	2	10.85	1011170	20.0
unknown-02	11.36	4.2	ng/ul	213152	2	10.85	1011170	20.0
Pentanal, 2-methy...	11.43	10.1	ng/ul	510576	2	10.85	1011170	20.0
Thiophene, 2-buty...	11.56	2.9	ng/ul	148140	2	10.85	1011170	20.0
Thiophene, 2-ethy...	11.61	8.6	ng/ul	433270	2	10.85	1011170	20.0
2-Furancarbodithi...	11.75	9.4	ng/ul	475907	2	10.85	1011170	20.0
unknown-03	11.88	4.9	ng/ul	245991	2	10.85	1011170	20.0
unknown-04	12.12	4.7	ng/ul	239593	2	10.85	1011170	20.0
unknown-05	12.27	2.7	ng/ul	135581	2	10.85	1011170	20.0
Pyrimidine, 2,4,5...	12.46	4.3	ng/ul	215469	2	10.85	1011170	20.0
unknown-06	12.58	2.2	ng/ul	112435	2	10.85	1011170	20.0
unknown-07	12.63	6.1	ng/ul	308798	2	10.85	1011170	20.0
2,2,4-Trimethyl-1...	13.03	3.5	ng/ul	426903	3	14.67	2438720	20.0
2-Propanone, 1-(5...	13.15	3.2	ng/ul	394319	3	14.67	2438720	20.0
Butanoic acid, bu...	13.28	3.4	ng/ul	413992	3	14.67	2438720	20.0