

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
 Data File : BG018685.D
 Acq On : 15 Sep 2015 16:31
 Operator : UM/IZ
 Sample : G3641-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AM2

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-BG091015.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	2.887	4	8	12	rVB	28651	33656	1.50%	0.145%
2	3.105	41	45	52	rBV	92119	150351	6.70%	0.650%
3	3.181	53	58	70	rVB	1323698	1773247	78.96%	7.664%
4	3.446	99	103	106	rBV3	4885	5763	0.26%	0.025%
5	5.320	420	422	426	rVB4	3801	4453	0.20%	0.019%
6	5.367	426	430	432	rBV3	3286	3309	0.15%	0.014%
7	5.443	439	443	448	rBV4	7867	13244	0.59%	0.057%
8	5.531	454	458	463	rVB4	1610	3144	0.14%	0.014%
9	5.937	521	527	534	rVB	61188	101484	4.52%	0.439%
10	6.994	703	707	710	rBV4	3126	4400	0.20%	0.019%
11	7.159	729	735	743	rBV	65631	112145	4.99%	0.485%
12	7.323	755	763	772	rBV	214921	353173	15.73%	1.527%
13	7.417	772	779	789	rVV2	121076	194603	8.67%	0.841%
14	7.535	792	799	805	rVV	226342	375710	16.73%	1.624%
15	7.623	808	814	817	rBV4	2247	3868	0.17%	0.017%
16	7.999	871	878	887	rVB	220324	382572	17.04%	1.654%
17	8.228	913	917	918	rBV	3028	4118	0.18%	0.018%
18	8.357	935	939	943	rBV5	4043	5857	0.26%	0.025%
19	8.428	947	951	953	rBV4	4896	6388	0.28%	0.028%
20	8.545	967	971	975	rBV5	5429	8105	0.36%	0.035%
21	8.704	990	998	1008	rBV	191180	334647	14.90%	1.446%
22	8.892	1027	1030	1033	rBV3	2260	3643	0.16%	0.016%
23	9.156	1068	1075	1085	rBV	247095	439413	19.57%	1.899%
24	9.374	1109	1112	1114	rBV2	2849	3424	0.15%	0.015%
25	9.397	1114	1116	1122	rVB3	2611	4341	0.19%	0.019%
26	9.879	1190	1198	1206	rBV	197731	360936	16.07%	1.560%
27	10.420	1284	1290	1300	rBV	349243	623049	27.74%	2.693%
28	10.614	1317	1323	1329	rVB7	7379	14384	0.64%	0.062%
29	10.808	1347	1356	1364	rBV	338408	594142	26.46%	2.568%
30	10.949	1374	1380	1384	rVB5	4678	8824	0.39%	0.038%
31	11.125	1401	1410	1419	rBV2	58398	110773	4.93%	0.479%
32	11.918	1539	1545	1552	rBV	286607	438269	19.52%	1.894%
33	12.135	1577	1582	1583	rBV4	4798	5877	0.26%	0.025%
34	13.234	1766	1769	1773	rVB4	6105	7198	0.32%	0.031%

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Integrator: RTE
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35	13.363	1788	1791	1794	rBV4	2259	3170	0.14%	0.014%
36	13.481	1803	1811	1816	rBV2	23481	39541	1.76%	0.171%
37	13.880	1875	1879	1884	rVB3	5397	6961	0.31%	0.030%
38	13.986	1889	1897	1898	rBV7	5597	9152	0.41%	0.040%
39	14.027	1898	1904	1912	rVB	706419	1020188	45.43%	4.410%
40	14.321	1947	1954	1961	rBV	845272	1302148	57.99%	5.628%
41	14.627	1998	2006	2016	rVB2	602198	1039745	46.30%	4.494%
42	14.815	2033	2038	2051	rBV2	56023	109490	4.88%	0.473%
43	15.038	2074	2076	2080	rVB4	2419	3356	0.15%	0.015%
44	15.102	2083	2087	2089	rBV2	9238	11008	0.49%	0.048%
45	15.261	2113	2114	2119	rBV4	3261	5082	0.23%	0.022%
46	15.437	2138	2144	2147	rBV3	12773	19305	0.86%	0.083%
47	15.620	2166	2175	2182	rBV	1178723	1765676	78.63%	7.632%
48	15.731	2188	2194	2205	rBV	274769	416973	18.57%	1.802%
49	15.855	2210	2215	2221	rVB2	13002	21615	0.96%	0.093%
50	15.972	2233	2235	2241	rBV4	3074	4919	0.22%	0.021%
51	16.119	2255	2260	2267	rBV9	5684	9144	0.41%	0.040%
52	16.501	2322	2325	2331	rVB4	9306	13045	0.58%	0.056%
53	16.624	2342	2346	2354	rBV5	4295	9815	0.44%	0.042%
54	16.695	2354	2358	2360	rBV4	2645	3178	0.14%	0.014%
55	16.789	2370	2374	2377	rBV3	2373	3005	0.13%	0.013%
56	16.924	2393	2397	2402	rVB5	17895	24519	1.09%	0.106%
57	17.153	2431	2436	2439	rBV5	4789	7218	0.32%	0.031%
58	17.370	2466	2473	2480	rBV	854315	1276344	56.84%	5.517%
59	17.470	2483	2490	2497	rVB2	1292723	1972777	87.85%	8.527%
60	18.070	2589	2592	2596	rVB4	11843	14779	0.66%	0.064%
61	18.252	2620	2623	2630	rBV4	12456	20544	0.91%	0.089%
62	18.322	2632	2635	2640	rVB2	7500	10101	0.45%	0.044%
63	18.463	2656	2659	2661	rBV4	4724	4231	0.19%	0.018%
64	18.939	2736	2740	2744	rVB7	7587	11523	0.51%	0.050%
65	19.298	2797	2801	2807	rBV3	15253	22904	1.02%	0.099%
66	19.386	2814	2816	2822	rVB6	7609	11112	0.49%	0.048%
67	19.521	2836	2839	2845	rVB6	8627	12486	0.56%	0.054%
68	19.638	2856	2859	2863	rVB	13782	15575	0.69%	0.067%
69	19.750	2872	2878	2886	rBV2	1560205	2245653	100.00%	9.706%
70	21.624	3190	3197	3209	rBV	908269	1492532	66.46%	6.451%
71	24.597	3692	3703	3713	rBV	828821	2240968	99.79%	9.686%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

72	24.815	3730	3740	3751	rVB2	521496	1447644	64.46%	6.257%
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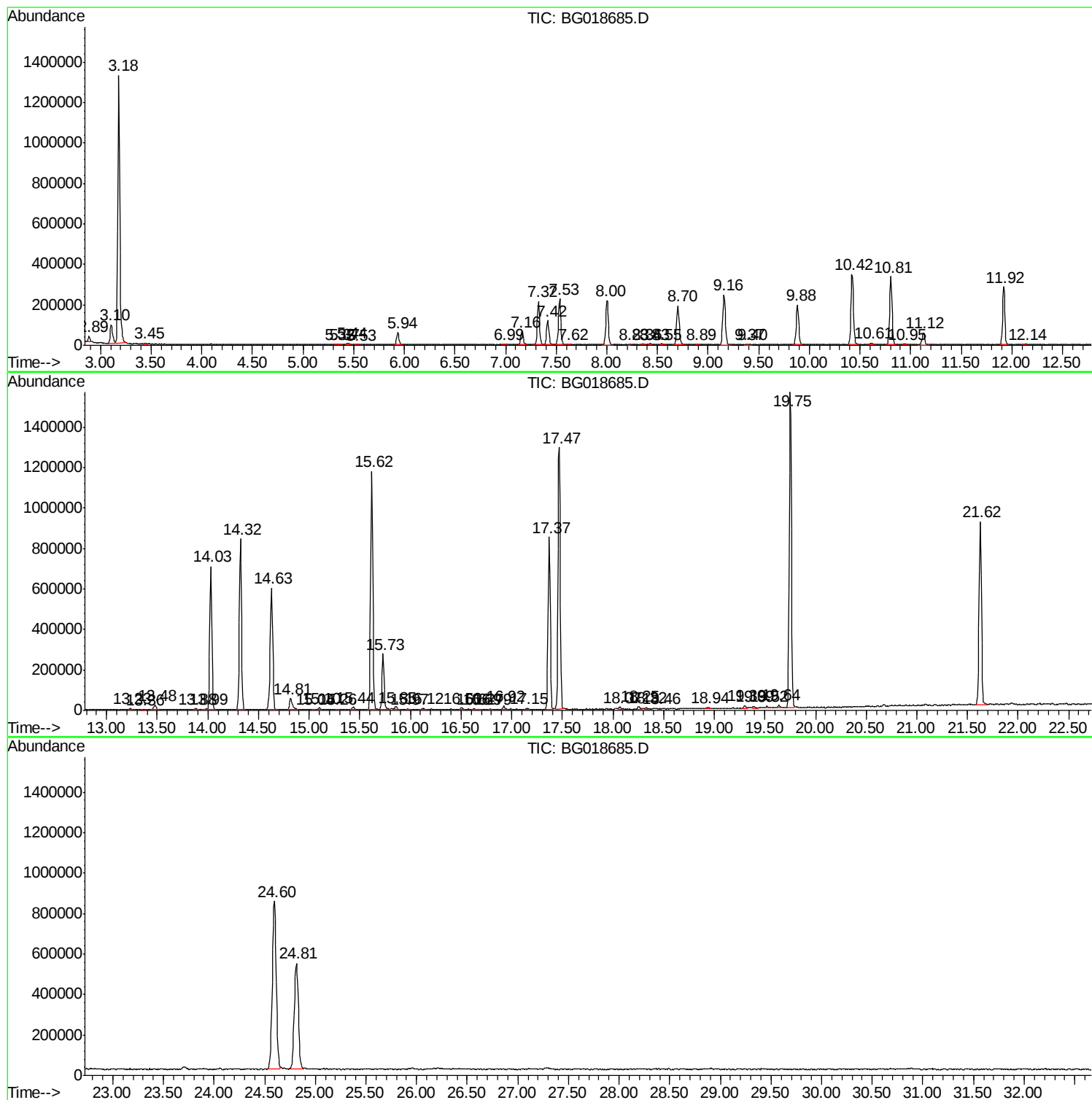
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



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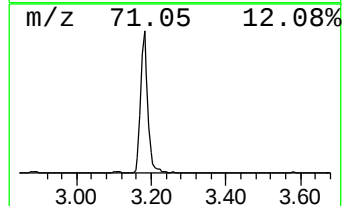
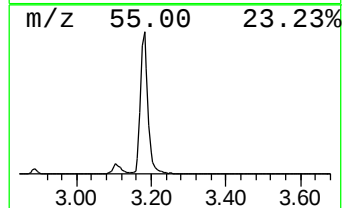
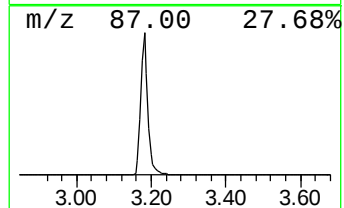
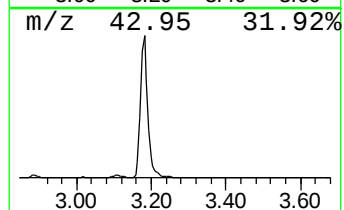
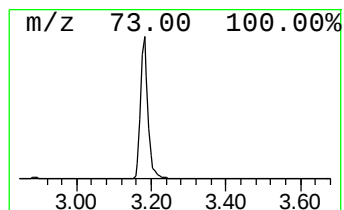
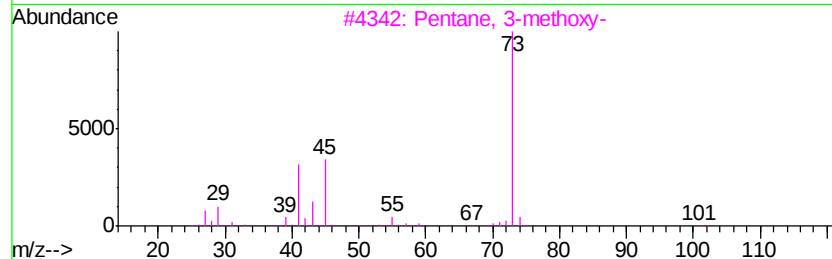
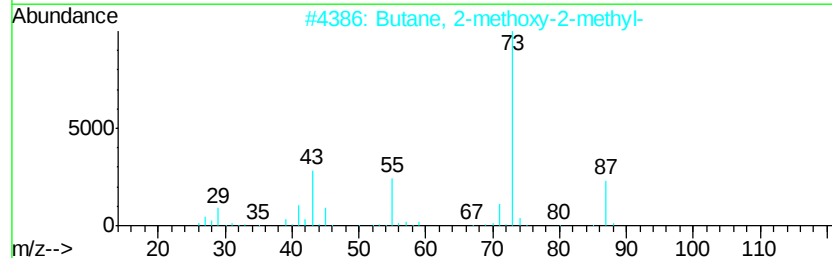
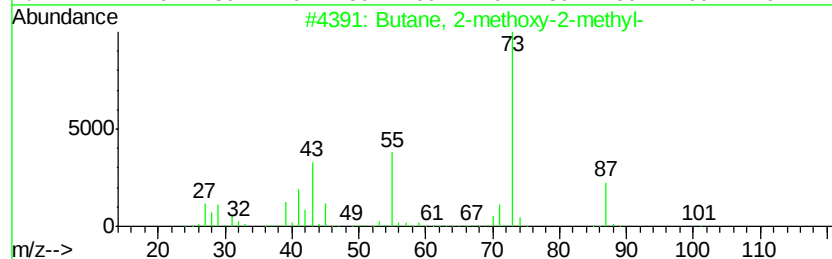
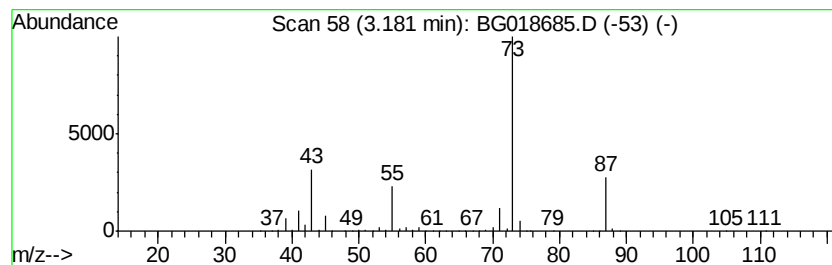
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	92.70 ng/ul	1773250	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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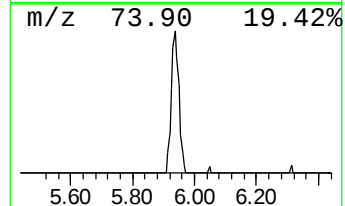
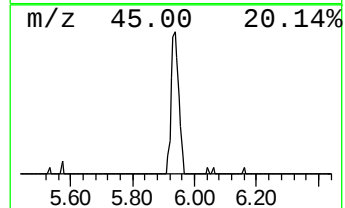
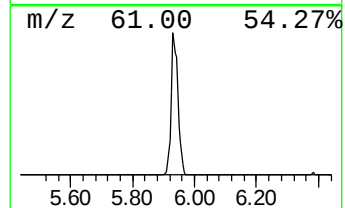
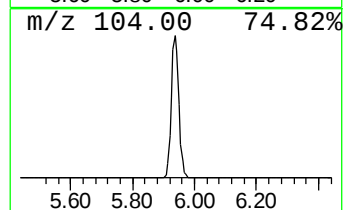
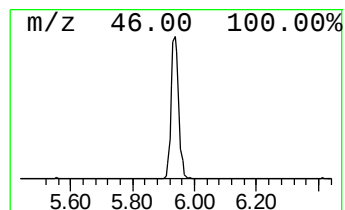
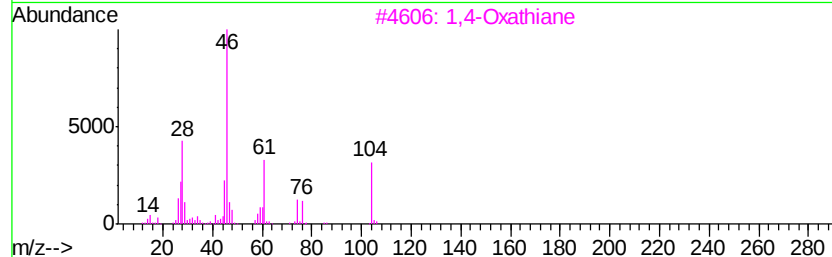
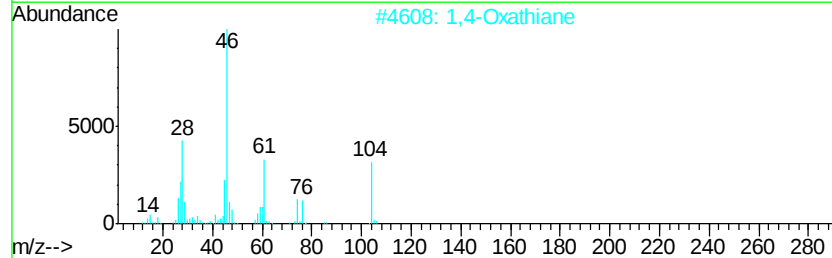
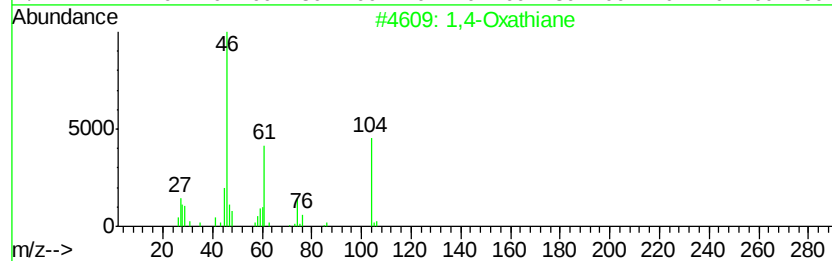
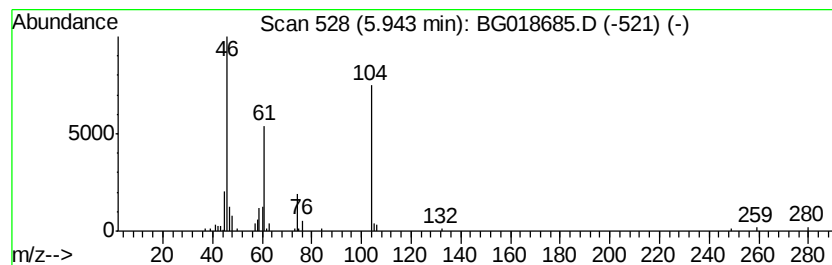
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,4-Oxathiane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	5.31 ng/ul	101484	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Oxathiane	104	C4H8OS	015980-15-1	91
2		1,4-Oxathiane	104	C4H8OS	015980-15-1	91
3		1,4-Oxathiane	104	C4H8OS	015980-15-1	91
4		Methanamine, N-methoxy-	61	C2H7NO	001117-97-1	43
5		Thietane	74	C3H6S	000287-27-4	38



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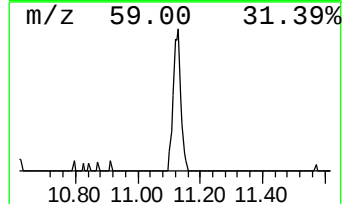
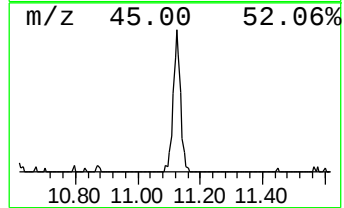
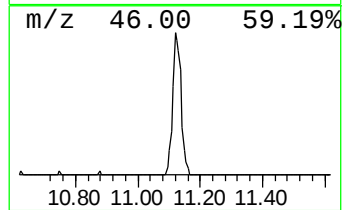
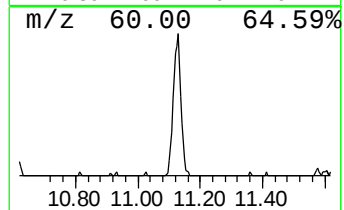
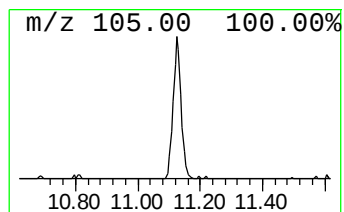
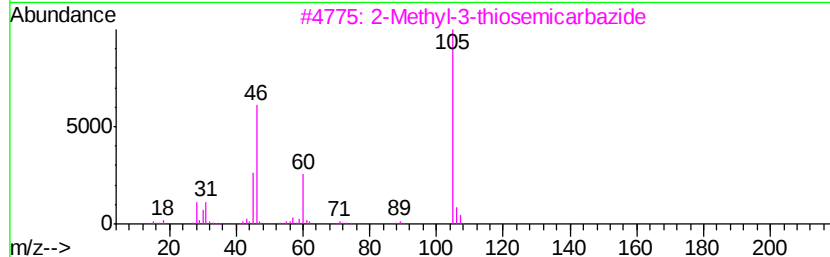
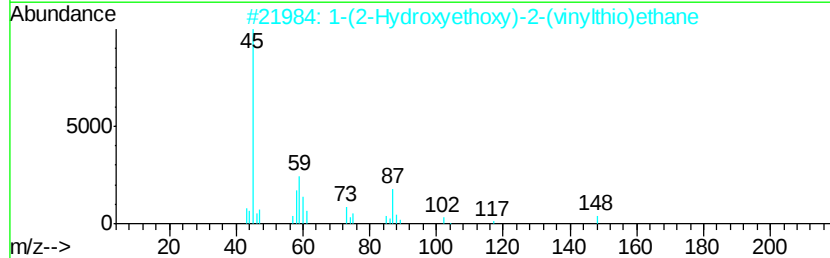
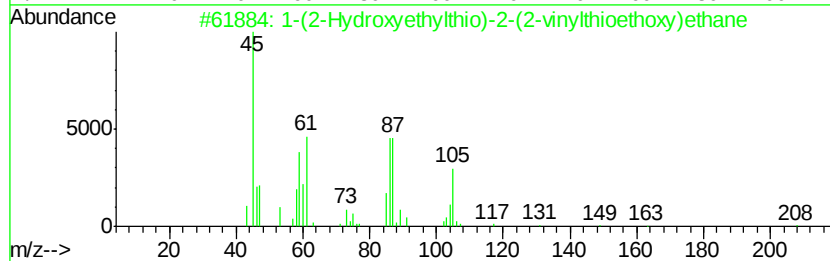
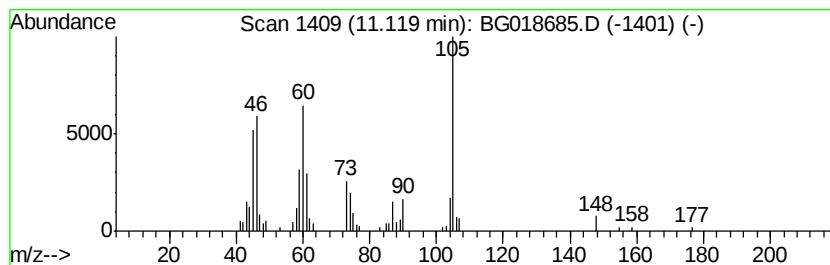
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown11.12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.73 ng/ul	110773	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2-Hydroxyethylthio)-2-(2-viny...	208	C8H16O2S2	114811-41-5	32
2		1-(2-Hydroxyethoxy)-2-(vinylthio...	148	C6H12O2S	086241-10-3	27
3		2-Methyl-3-thiosemicarbazide	105	C2H7N3S	021185-13-7	25
4		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	23
5		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	23



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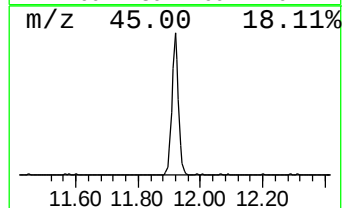
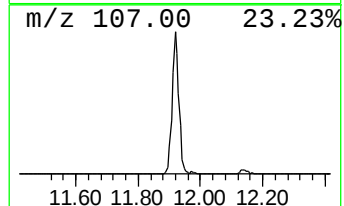
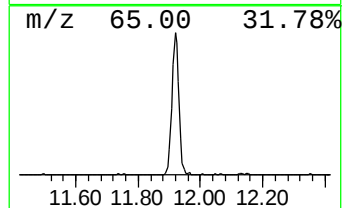
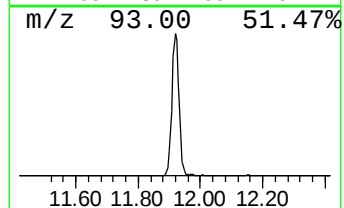
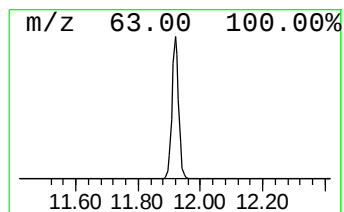
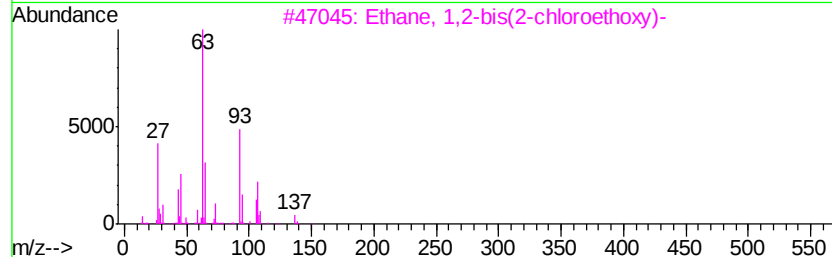
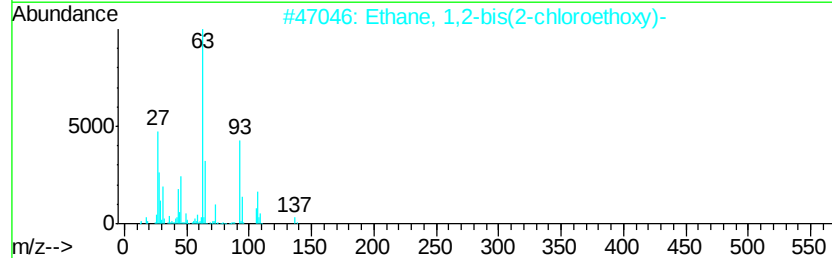
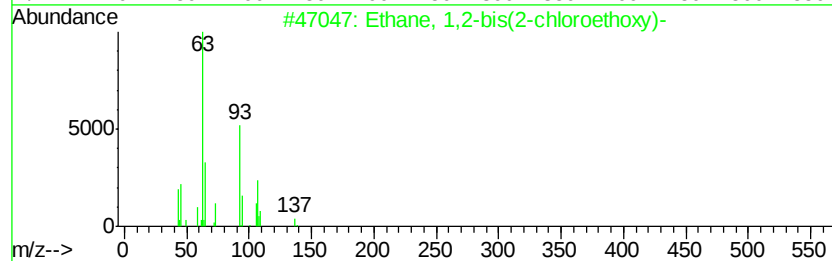
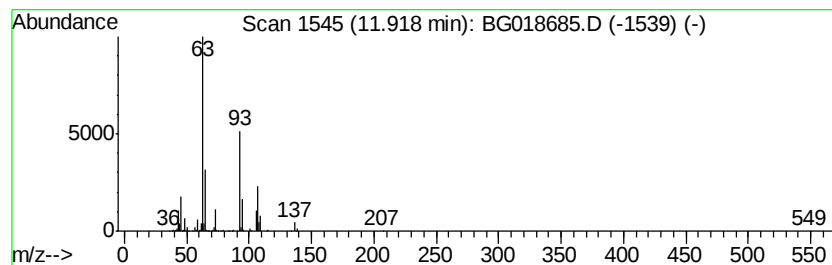
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Ethane, 1,2-bis(2-chloroeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	14.75 ng/ul	438269	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	90
2		Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	86
3		Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	78
4		Carbonochloridic acid, 2-chloroe...	142	C3H4Cl2O2	000627-11-2	64
5		Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	56



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018685.D
Acq On : 15 Sep 2015 16:31
Operator : UM/IZ
Sample : G3641-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AM2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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
Butane, 2-methoxy...	3.18	92.7	ng/ul	1773250	1	8.00	382572	20.0
1,4-Oxathiane	5.94	5.3	ng/ul	101484	1	8.00	382572	20.0
unknown11.12	11.12	3.7	ng/ul	110773	2	10.81	594142	20.0
Ethane, 1,2-bis(2...	11.92	14.8	ng/ul	438269	2	10.81	594142	20.0