

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100115\
 Data File : BG018975.D
 Acq On : 30 Sep 2015 16:38
 Operator : UM/NP
 Sample : G3803-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43J3

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	3.085	37	42	50	rVV	71939	114628	7.27%	0.741%
2	3.162	50	55	66	rVB	177199	258868	16.42%	1.673%
3	5.623	471	474	477	rBV4	2344	4018	0.25%	0.026%
4	7.157	730	735	743	rBV	39508	68842	4.37%	0.445%
5	7.310	755	761	770	rBV	105536	173856	11.03%	1.124%
6	7.521	791	797	809	rBV	111425	192823	12.23%	1.246%
7	7.633	814	816	820	rVB4	3065	2747	0.17%	0.018%
8	7.985	870	876	886	rVV	158656	268034	17.00%	1.732%
9	8.696	990	997	1005	rBV	116874	198216	12.57%	1.281%
10	9.143	1066	1073	1085	rVV	116973	214022	13.57%	1.383%
11	9.442	1121	1124	1129	rVB3	1992	3335	0.21%	0.022%
12	9.560	1138	1144	1150	rBV2	6329	10963	0.70%	0.071%
13	9.865	1188	1196	1206	rBV	100996	183608	11.64%	1.187%
14	10.048	1223	1227	1230	rVB4	2680	4494	0.28%	0.029%
15	10.194	1249	1252	1256	rVB5	3119	4500	0.29%	0.029%
16	10.324	1272	1274	1283	rVB5	3641	6185	0.39%	0.040%
17	10.412	1283	1289	1298	rBV	179175	317788	20.15%	2.054%
18	10.788	1346	1353	1360	rBV	240248	434483	27.55%	2.808%
19	10.835	1360	1361	1363	rVB2	4885	2592	0.16%	0.017%
20	10.929	1368	1377	1381	rBV2	9985	18536	1.18%	0.120%
21	11.516	1474	1477	1480	rBV4	2124	3396	0.22%	0.022%
22	12.016	1558	1562	1567	rBV2	9060	17169	1.09%	0.111%
23	12.110	1575	1578	1579	rVV2	3178	3318	0.21%	0.021%
24	12.122	1579	1580	1585	rVV3	4856	5183	0.33%	0.033%
25	12.222	1593	1597	1602	rBV5	1991	3906	0.25%	0.025%
26	12.280	1602	1607	1612	rBV3	4837	7605	0.48%	0.049%
27	12.368	1619	1622	1626	rVB5	2485	4136	0.26%	0.027%
28	12.656	1666	1671	1675	rVB5	2191	3931	0.25%	0.025%
29	13.021	1731	1733	1736	rBV3	2162	3095	0.20%	0.020%
30	13.209	1763	1765	1769	rVB5	2860	3530	0.22%	0.023%
31	13.496	1809	1814	1818	rVB5	3303	6718	0.43%	0.043%
32	13.931	1885	1888	1891	rVB3	2119	2742	0.17%	0.018%
33	14.014	1894	1902	1907	rBV	416164	580237	36.80%	3.750%
34	14.055	1907	1909	1914	rVB2	4670	6812	0.43%	0.044%

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

35	14.307	1943	1952	1961	rVV	457487	706811	44.82%	4.568%
36	14.495	1981	1984	1987	rBV4	2293	2833	0.18%	0.018%
37	14.519	1987	1988	1991	rVV2	2608	2628	0.17%	0.017%
38	14.613	1995	2004	2011	rVV2	461852	762816	48.37%	4.930%
39	14.830	2034	2041	2051	rBV3	46572	93683	5.94%	0.605%
40	15.024	2069	2074	2076	rBV4	3976	5937	0.38%	0.038%
41	15.130	2086	2092	2094	rBV4	2727	4166	0.26%	0.027%
42	15.341	2125	2128	2133	rVB	13552	16905	1.07%	0.109%
43	15.559	2161	2165	2166	rBV3	2348	2524	0.16%	0.016%
44	15.600	2166	2172	2179	rVV	639872	987090	62.60%	6.379%
45	15.723	2187	2193	2202	rBV	175013	271232	17.20%	1.753%
46	15.806	2205	2207	2210	rVV2	11772	15339	0.97%	0.099%
47	15.841	2210	2213	2220	rVB5	15310	24355	1.54%	0.157%
48	16.111	2252	2259	2264	rBV	129310	187764	11.91%	1.213%
49	16.152	2264	2266	2268	rVB3	3090	2670	0.17%	0.017%
50	16.187	2268	2272	2274	rBV4	4576	6645	0.42%	0.043%
51	16.205	2274	2275	2280	rVB3	3959	2861	0.18%	0.018%
52	16.287	2283	2289	2301	rBV	32310	74802	4.74%	0.483%
53	16.434	2309	2314	2318	rVB	10056	15473	0.98%	0.100%
54	16.481	2318	2322	2327	rBV6	4418	7646	0.48%	0.049%
55	16.552	2332	2334	2338	rVB5	6943	7892	0.50%	0.051%
56	16.616	2338	2345	2354	rBV	80228	130399	8.27%	0.843%
57	16.693	2356	2358	2360	rVB3	3788	3139	0.20%	0.020%
58	16.752	2367	2368	2370	rBV2	4354	2577	0.16%	0.017%
59	16.863	2384	2387	2389	rVB4	3321	3851	0.24%	0.025%
60	17.028	2411	2415	2417	rVB5	4588	4848	0.31%	0.031%
61	17.098	2423	2427	2430	rBV4	4827	5638	0.36%	0.036%
62	17.145	2430	2435	2437	rVB3	4589	7468	0.47%	0.048%
63	17.357	2459	2471	2478	rBV	766622	1190727	75.51%	7.695%
64	17.451	2481	2487	2495	rVV2	782676	1183172	75.03%	7.646%
65	17.645	2517	2520	2521	rBV3	2507	2532	0.16%	0.016%
66	17.697	2525	2529	2530	rVV3	5303	5305	0.34%	0.034%
67	17.715	2530	2532	2533	rVV2	4159	2935	0.19%	0.019%
68	17.880	2558	2560	2561	rBV2	2814	2565	0.16%	0.017%
69	17.897	2561	2563	2566	rVB3	4062	3608	0.23%	0.023%
70	18.021	2580	2584	2585	rBV4	2053	2752	0.17%	0.018%
71	18.050	2585	2589	2594	rVB7	5208	8412	0.53%	0.054%

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72	18.238	2620	2621	2625	rVB4	4253	2847	0.18%	0.018%
73	18.309	2630	2633	2636	rVB3	6811	8254	0.52%	0.053%
74	18.356	2639	2641	2645	rVB5	3135	4403	0.28%	0.028%
75	18.391	2645	2647	2650	rBV4	3701	5200	0.33%	0.034%
76	18.438	2653	2655	2657	rBV2	4101	3785	0.24%	0.024%
77	18.520	2667	2669	2672	rBV3	2487	3233	0.21%	0.021%
78	18.585	2676	2680	2684	rBV7	10344	14572	0.92%	0.094%
79	18.737	2703	2706	2709	rVB5	8691	9251	0.59%	0.060%
80	18.984	2746	2748	2750	rBV2	2491	2740	0.17%	0.018%
81	19.014	2750	2753	2757	rVB5	9089	13400	0.85%	0.087%
82	19.096	2764	2767	2770	rBV5	3896	4468	0.28%	0.029%
83	19.366	2811	2813	2820	rVB2	11548	17855	1.13%	0.115%
84	19.513	2836	2838	2839	rVB2	6159	3086	0.20%	0.020%
85	19.631	2852	2858	2860	rBV4	15972	25752	1.63%	0.166%
86	19.742	2870	2877	2884	rBV	1057855	1576912	100.00%	10.191%
87	20.735	3043	3046	3051	rVB4	22877	25645	1.63%	0.166%
88	20.876	3065	3070	3079	rBV2	89908	172447	10.94%	1.114%
89	21.246	3130	3133	3137	rBV5	14150	17305	1.10%	0.112%
90	21.328	3145	3147	3153	rVB7	12163	15427	0.98%	0.100%
91	21.611	3189	3195	3204	rBV	930065	1509108	95.70%	9.752%
92	23.038	3434	3438	3447	rVB	15673	39678	2.52%	0.256%
93	23.773	3561	3563	3566	rBV4	6667	7757	0.49%	0.050%
94	24.572	3689	3699	3710	rVB2	589596	1556594	98.71%	10.059%
95	24.795	3726	3737	3749	rVB	534335	1515791	96.12%	9.796%
96	26.916	4096	4098	4101	rBV4	7428	8883	0.56%	0.057%
97	27.292	4160	4162	4163	rBV2	5337	3310	0.21%	0.021%
98	28.685	4397	4399	4401	rBV3	5740	4862	0.31%	0.031%
99	29.067	4462	4464	4465	rBV2	4732	2774	0.18%	0.018%
100	30.253	4664	4666	4668	rBV3	4701	2614	0.17%	0.017%

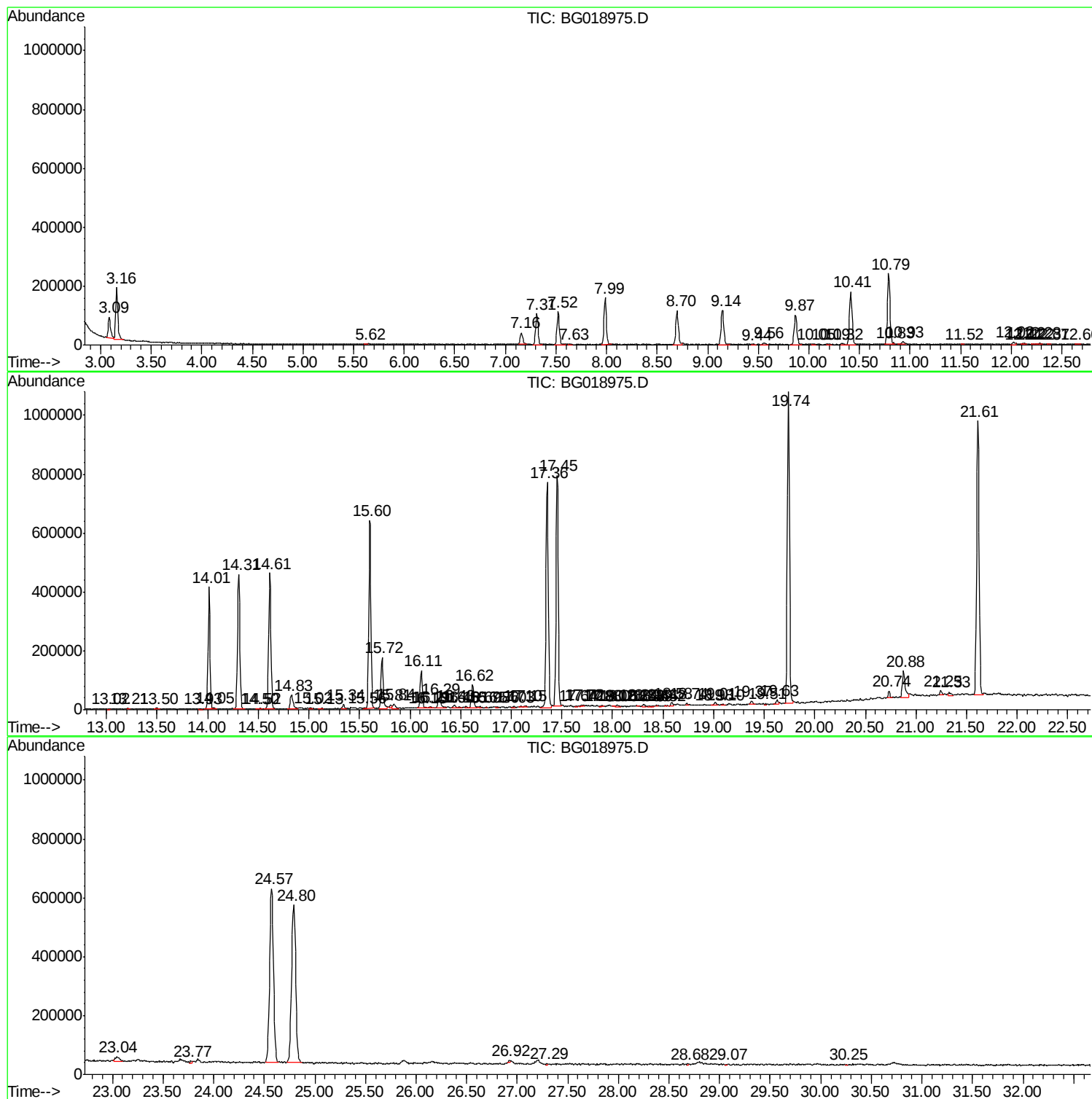
Sum of corrected areas: 15474269

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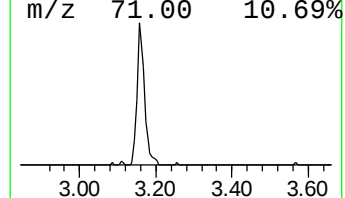
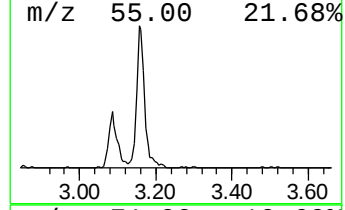
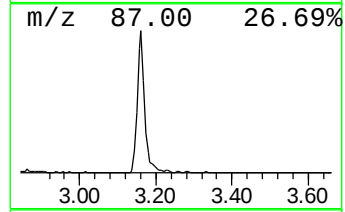
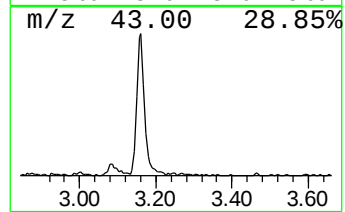
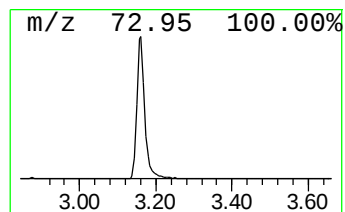
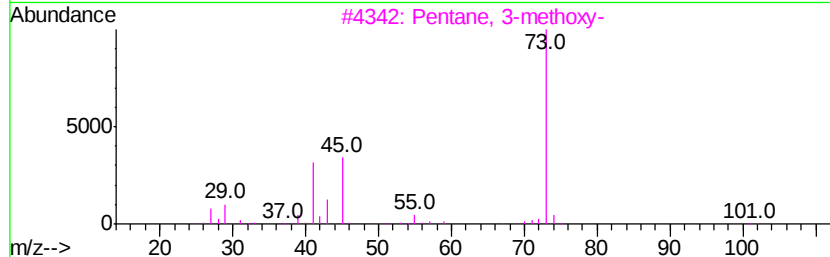
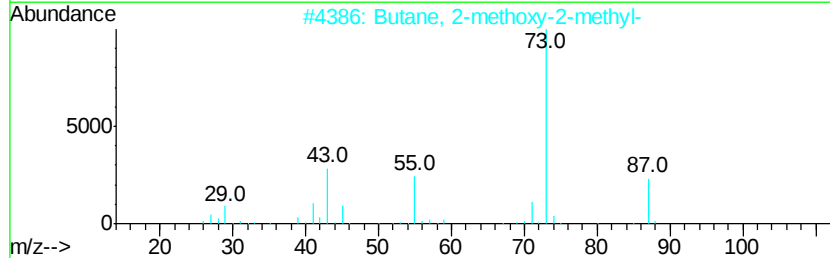
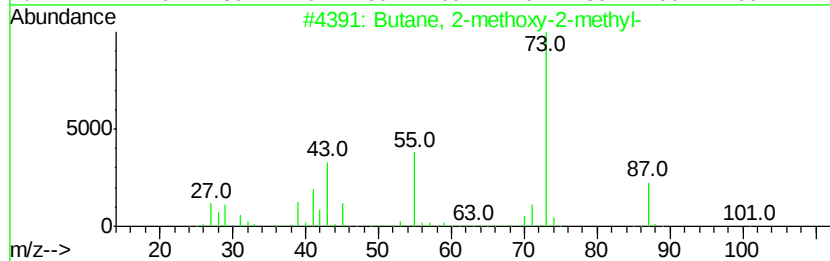
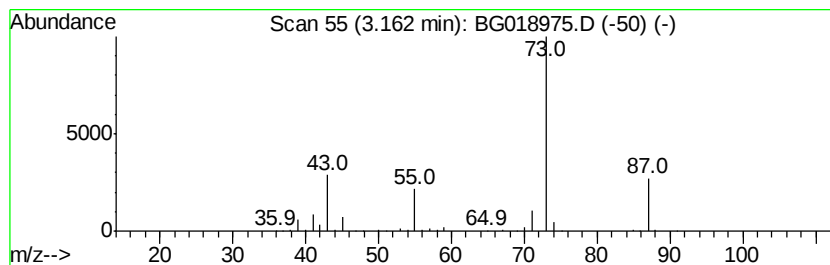
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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.
3.16	19.32 ng/ul	258868	1,4-Dichlorobenzene-d4	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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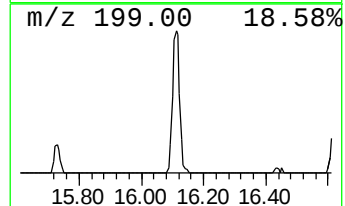
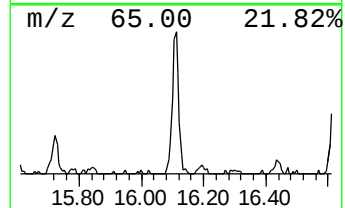
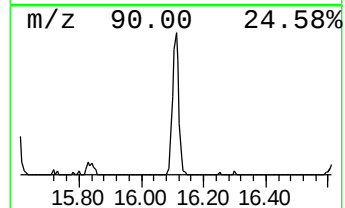
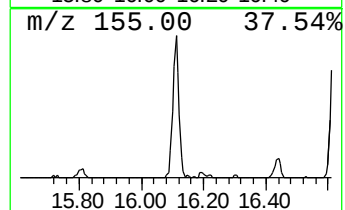
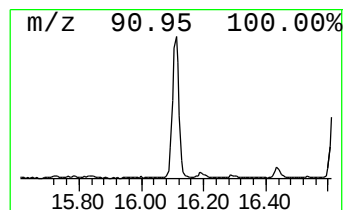
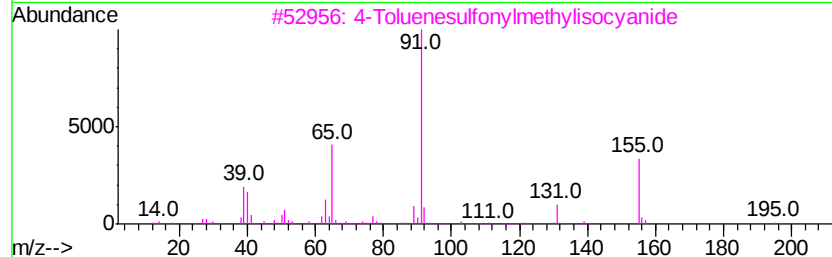
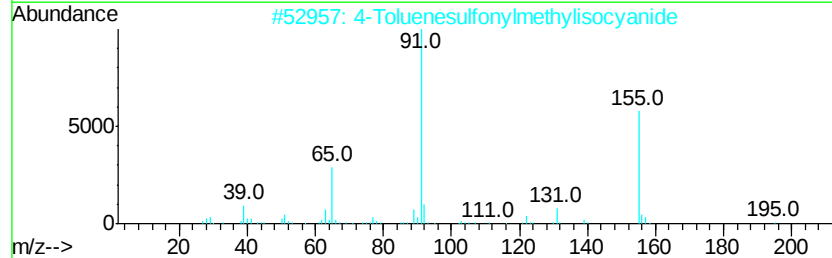
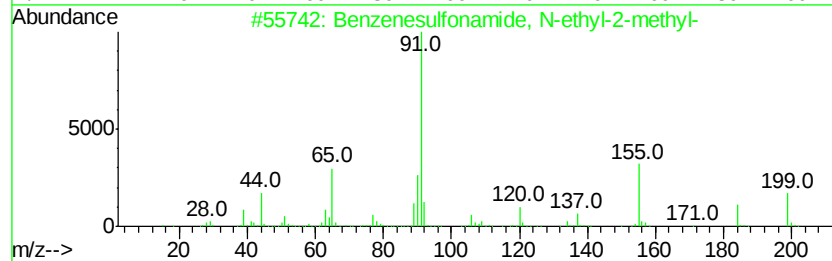
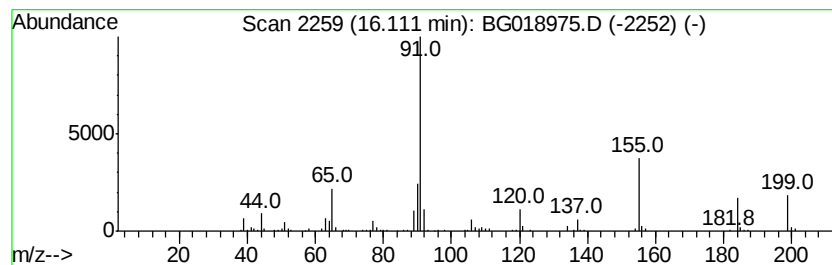
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzenesulfonamide, N-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.15 ng/ul	187764	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	94
2		4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	50
3		4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	50
4		Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	50
5		p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	47



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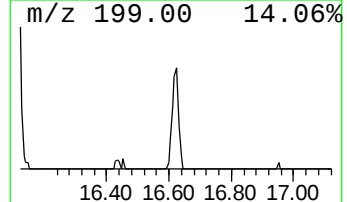
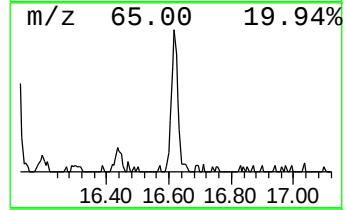
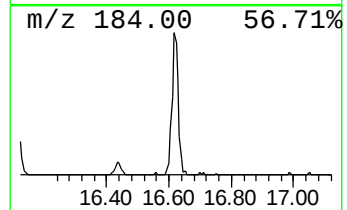
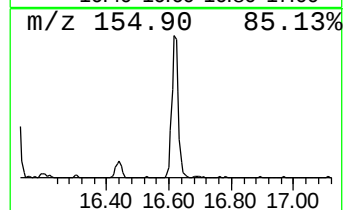
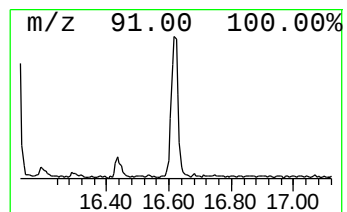
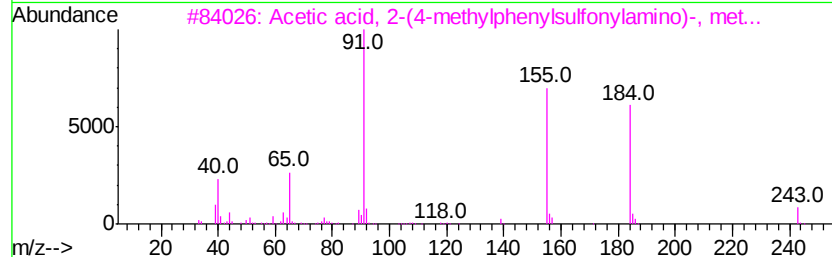
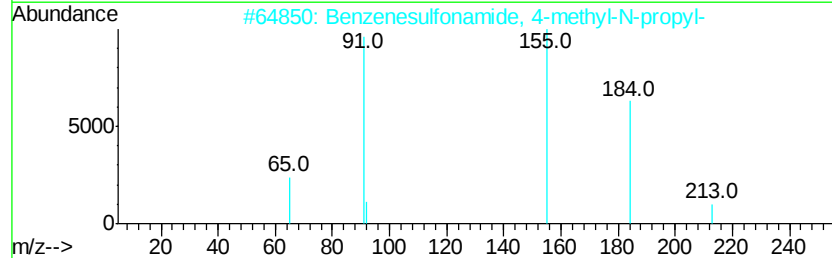
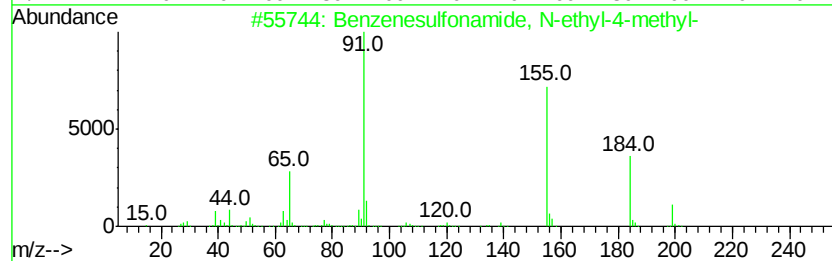
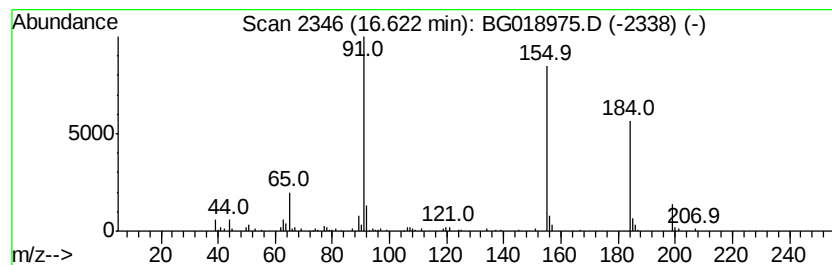
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzenesulfonamide, N-ethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.19 ng/ul	130399	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	91
2		Benzenesulfonamide, 4-methyl-N-p...	213	C10H15NO2S	001133-12-6	64
3		Acetic acid, 2-(4-methylphenylsul...	243	C10H13NO4S	002645-02-5	64
4		4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	58
5		4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100115\
Data File : BG018975.D
Acq On : 30 Sep 2015 16:38
Operator : UM/NP
Sample : G3803-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43J3

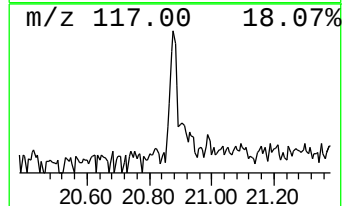
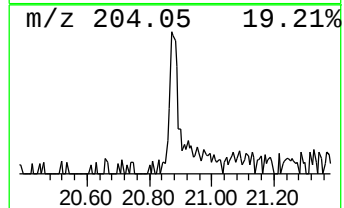
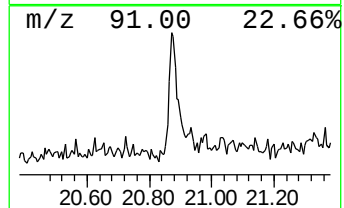
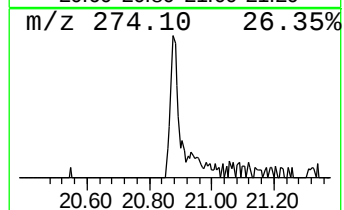
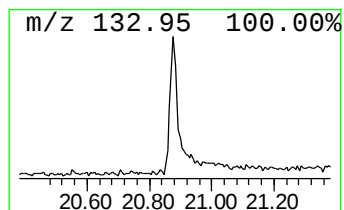
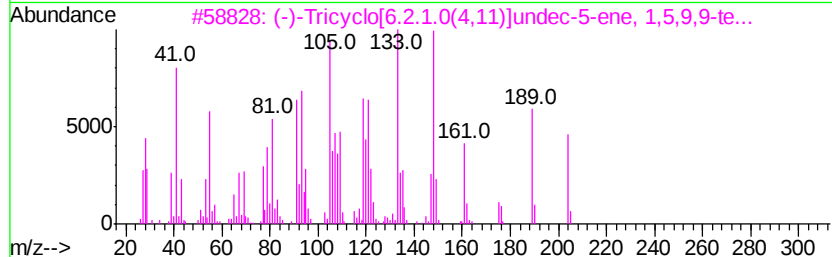
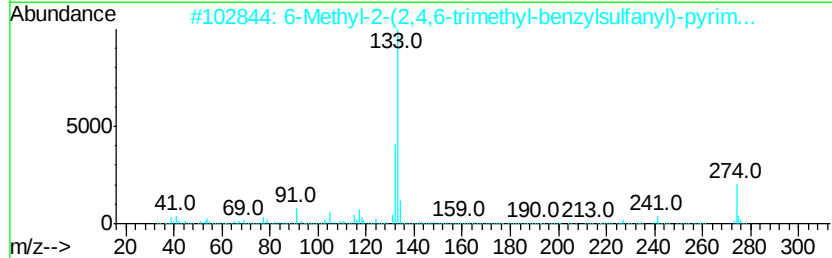
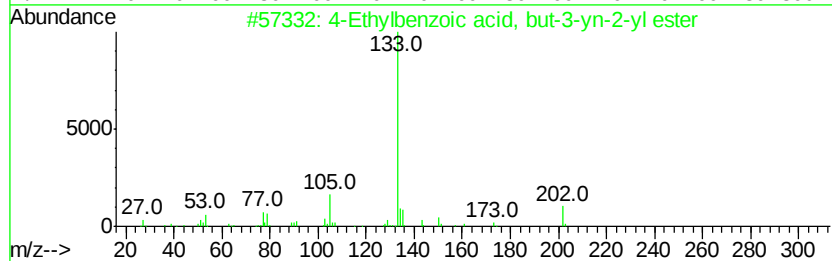
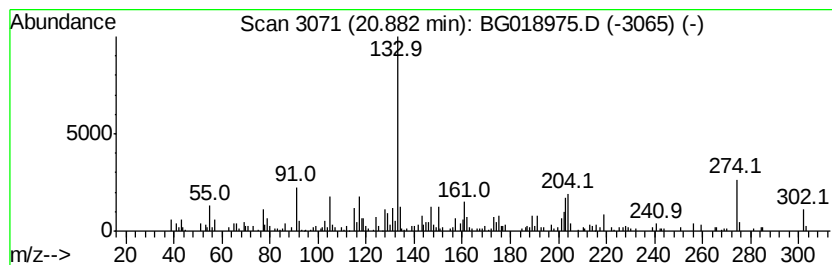
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4-Ethylbenzoic acid, but-3-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.29 ng/ul	172447	Chrysene-d12	21.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Ethylbenzoic acid, but-3-vn-2-...	202	C13H14O2	1000292-54-0	60
2		6-Methyl-2-(2,4,6-trimethyl-benz...	274	C15H18N2OS	1000294-32-1	52
3		(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	46
4		3,4-Dimethylbenzamide, N-2-methy...	205	C13H19NO	333348-22-4	45
5		Benzenepropanoic acid, .beta.,3,...	206	C13H18O2	056298-99-8	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100115\
Data File : BG018975.D
Acq On : 30 Sep 2015 16:38
Operator : UM/NP
Sample : G3803-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43J3

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...	3.16	19.3	ng/ul	258868	1	7.99	268034	20.0
Benzenesulfonamid...	16.11	3.1	ng/ul	187764	4	17.36	1190730	20.0
Benzenesulfonamid...	16.62	2.2	ng/ul	130399	4	17.36	1190730	20.0
4-Ethylbenzoic ac...	20.88	2.3	ng/ul	172447	5	21.61	1509110	20.0