

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
 Data File : BG018919.D
 Acq On : 26 Sep 2015 19:04
 Operator : UM/NP
 Sample : G3803-03
 Misc :
 ALS Vial : 25 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	3.096	38	44	52	rBV	91138	161923	4.46%	0.675%
2	3.167	52	56	69	rVB	386568	557036	15.33%	2.322%
3	5.311	415	421	426	rBV3	3173	6218	0.17%	0.026%
4	5.505	450	454	458	rBV5	3484	6057	0.17%	0.025%
5	5.629	469	475	478	rBV2	9716	16540	0.46%	0.069%
6	5.658	478	480	487	rVB2	10063	10516	0.29%	0.044%
7	6.968	697	703	708	rVB5	4048	7598	0.21%	0.032%
8	7.080	717	722	728	rBV4	3373	4767	0.13%	0.020%
9	7.162	728	736	753	rVB2	43109	88268	2.43%	0.368%
10	7.315	756	762	769	rVV	178441	284821	7.84%	1.187%
11	7.380	769	773	784	rVB7	4377	10593	0.29%	0.044%
12	7.527	790	798	808	rBV	160892	271664	7.47%	1.133%
13	7.638	813	817	822	rVB3	11319	17419	0.48%	0.073%
14	7.991	863	877	886	rBV	167717	283387	7.80%	1.182%
15	8.102	892	896	902	rVB2	5014	8143	0.22%	0.034%
16	8.367	936	941	945	rVB2	4625	6533	0.18%	0.027%
17	8.437	948	953	958	rVV	18506	29341	0.81%	0.122%
18	8.496	958	963	966	rVV3	6446	8841	0.24%	0.037%
19	8.525	966	968	976	rVB5	3785	5730	0.16%	0.024%
20	8.702	991	998	1005	rBV	131880	230928	6.35%	0.963%
21	9.148	1067	1074	1084	rVV	203971	356779	9.82%	1.487%
22	9.236	1084	1089	1095	rVB6	2457	5460	0.15%	0.023%
23	9.442	1122	1124	1130	rVV4	5287	7046	0.19%	0.029%
24	9.495	1130	1133	1139	rVB5	2903	4742	0.13%	0.020%
25	9.565	1139	1145	1149	rBV	16037	24206	0.67%	0.101%
26	9.871	1190	1197	1207	rBV	166622	296000	8.14%	1.234%
27	10.041	1218	1226	1228	rBV5	6433	13740	0.38%	0.057%
28	10.200	1246	1253	1259	rBV4	31307	56068	1.54%	0.234%
29	10.335	1269	1276	1282	rVB4	9155	15731	0.43%	0.066%
30	10.417	1282	1290	1300	rBV	262098	466878	12.85%	1.947%
31	10.652	1326	1330	1333	rBV4	6552	11299	0.31%	0.047%
32	10.793	1345	1354	1359	rBV	236468	436203	12.00%	1.819%
33	10.840	1359	1362	1369	rVB	27614	43224	1.19%	0.180%
34	10.923	1369	1376	1385	rBV3	34119	69984	1.93%	0.292%

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35	11.510	1471	1476	1483	rVB6	5700	11475	0.32%	0.048%
36	11.610	1486	1493	1496	rBV7	5643	9699	0.27%	0.040%
37	11.951	1544	1551	1555	rVB7	3152	5681	0.16%	0.024%
38	12.021	1559	1563	1565	rVV4	11276	16855	0.46%	0.070%
39	12.057	1565	1569	1572	rVV	19105	28435	0.78%	0.119%
40	12.127	1572	1581	1586	rVB6	5878	15007	0.41%	0.063%
41	12.444	1632	1635	1639	rVB4	3842	5352	0.15%	0.022%
42	12.656	1667	1671	1677	rVB5	7378	9516	0.26%	0.040%
43	12.832	1695	1701	1704	rBV6	2639	5057	0.14%	0.021%
44	12.903	1709	1713	1714	rBV3	9474	11059	0.30%	0.046%
45	12.973	1720	1725	1731	rBV7	5500	9090	0.25%	0.038%
46	13.220	1760	1767	1771	rBV6	6777	12385	0.34%	0.052%
47	13.496	1809	1814	1819	rBV9	4535	9339	0.26%	0.039%
48	14.013	1896	1902	1907	rBV	573310	853262	23.48%	3.557%
49	14.060	1907	1910	1915	rVV	67248	94727	2.61%	0.395%
50	14.142	1919	1924	1927	rBV5	5255	7377	0.20%	0.031%
51	14.254	1937	1943	1945	rBV6	5646	8441	0.23%	0.035%
52	14.307	1945	1952	1965	rVB	996896	1554994	42.79%	6.483%
53	14.612	1998	2004	2012	rVB2	421272	671260	18.47%	2.799%
54	14.824	2033	2040	2051	rBV2	43724	90728	2.50%	0.378%
55	15.018	2070	2073	2077	rVB6	5174	7635	0.21%	0.032%
56	15.218	2103	2107	2111	rVV6	4144	6862	0.19%	0.029%
57	15.265	2111	2115	2119	rVB6	4130	7843	0.22%	0.033%
58	15.341	2124	2128	2134	rVB	27447	32473	0.89%	0.135%
59	15.423	2134	2142	2144	rBV2	8408	14732	0.41%	0.061%
60	15.447	2144	2146	2151	rVB5	7817	9466	0.26%	0.039%
61	15.505	2151	2156	2159	rBV6	6297	8138	0.22%	0.034%
62	15.605	2166	2173	2181	rVB	1570156	2365797	65.09%	9.864%
63	15.723	2187	2193	2200	rBV	368219	560929	15.43%	2.339%
64	15.811	2204	2208	2211	rVV	36692	58109	1.60%	0.242%
65	15.840	2211	2213	2219	rVV3	31509	45138	1.24%	0.188%
66	16.111	2253	2259	2265	rBV	195098	277530	7.64%	1.157%
67	16.287	2284	2289	2300	rBV2	44673	102708	2.83%	0.428%
68	16.440	2310	2315	2318	rBV3	12934	18698	0.51%	0.078%
69	16.492	2318	2324	2329	rVB5	17304	28453	0.78%	0.119%
70	16.622	2339	2346	2355	rBV	121995	194150	5.34%	0.809%
71	16.763	2367	2370	2373	rBV5	5025	5843	0.16%	0.024%

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72	17.098	2424	2427	2430	rBV2	8041	7902	0.22%	0.033%
73	17.145	2433	2435	2440	rVB5	7569	9181	0.25%	0.038%
74	17.233	2445	2450	2454	rBV8	8371	13645	0.38%	0.057%
75	17.356	2460	2471	2477	rBV	611254	941857	25.92%	3.927%
76	17.450	2481	2487	2494	rVB2	1332866	2023218	55.67%	8.435%
77	17.585	2507	2510	2515	rVB7	12201	16870	0.46%	0.070%
78	17.697	2527	2529	2532	rBV3	5270	5406	0.15%	0.023%
79	17.832	2551	2552	2558	rVB6	7317	8077	0.22%	0.034%
80	18.238	2617	2621	2627	rVV3	41125	65251	1.80%	0.272%
81	18.302	2630	2632	2636	rVB5	6886	9624	0.26%	0.040%
82	18.578	2676	2679	2685	rVV8	10486	15299	0.42%	0.064%
83	18.649	2689	2691	2696	rVB6	5009	5016	0.14%	0.021%
84	18.725	2702	2704	2705	rBV2	7110	5452	0.15%	0.023%
85	18.778	2711	2713	2716	rBV4	5527	5273	0.15%	0.022%
86	19.019	2749	2754	2757	rVB5	15082	16972	0.47%	0.071%
87	19.436	2822	2825	2828	rBV6	8010	11654	0.32%	0.049%
88	19.507	2831	2837	2839	rBV7	13628	22258	0.61%	0.093%
89	19.624	2853	2857	2861	rBV2	22904	33568	0.92%	0.140%
90	19.736	2870	2876	2883	rBV2	2372899	3606928	99.24%	15.038%
91	20.394	2986	2988	2991	rVB4	8002	5595	0.15%	0.023%
92	20.735	3042	3046	3052	rVB3	36608	52355	1.44%	0.218%
93	20.870	3066	3069	3076	rBV5	27701	40624	1.12%	0.169%
94	21.246	3130	3133	3140	rVB8	23829	40362	1.11%	0.168%
95	21.604	3188	3194	3203	rBV	721625	1171606	32.24%	4.885%
96	24.565	3687	3698	3710	rBV	1340208	3634384	100.00%	15.153%
97	24.777	3725	3734	3745	rVB	428364	1197360	32.95%	4.992%
98	28.126	4302	4304	4307	rVB4	5985	6539	0.18%	0.027%
99	30.400	4689	4691	4694	rBV4	7258	6596	0.18%	0.028%
100	30.635	4727	4731	4733	rBV5	5710	8353	0.23%	0.035%

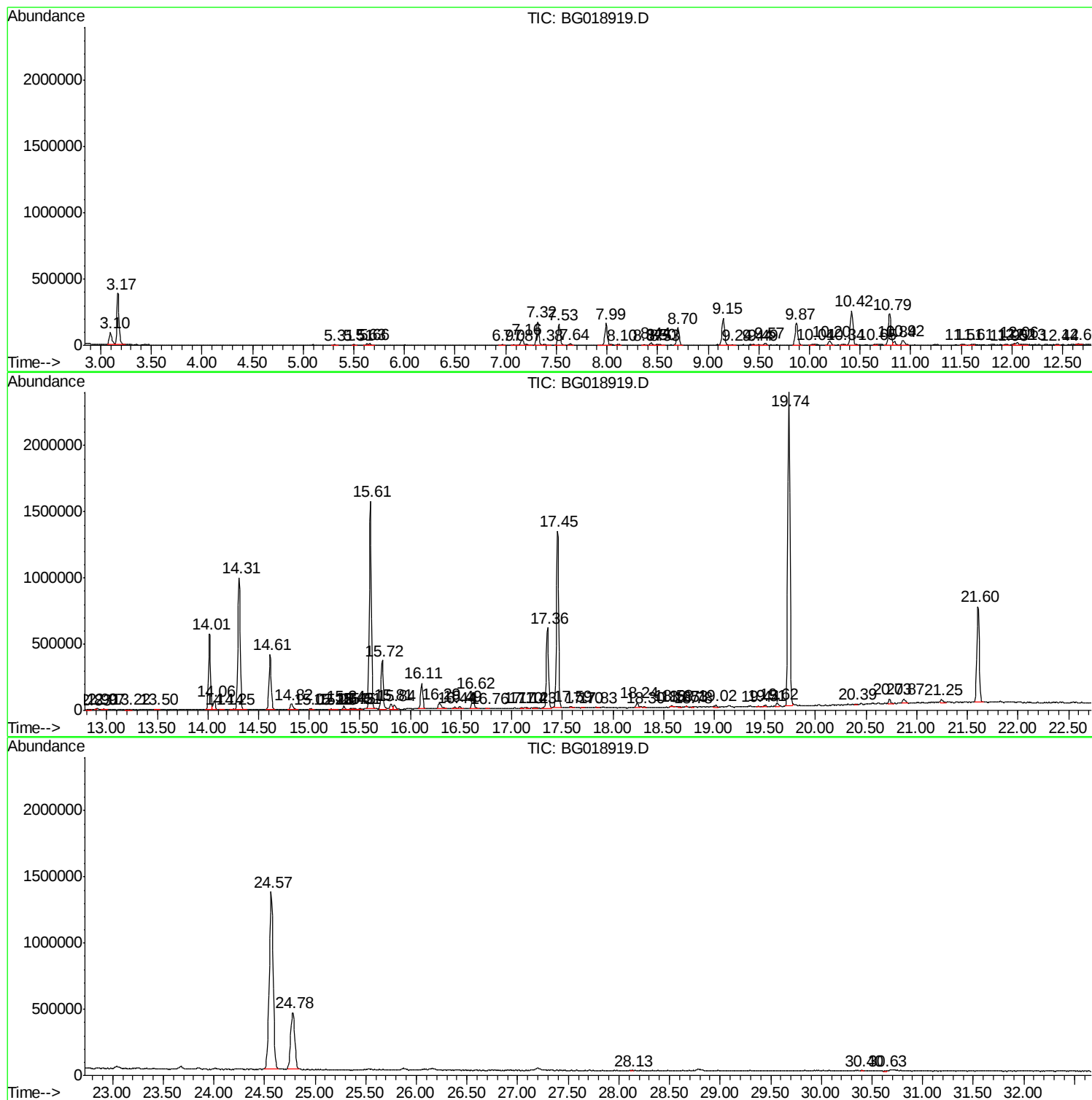
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



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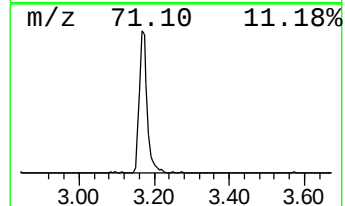
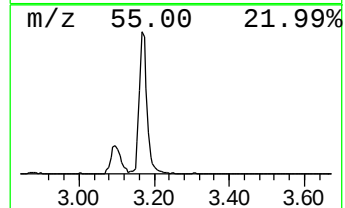
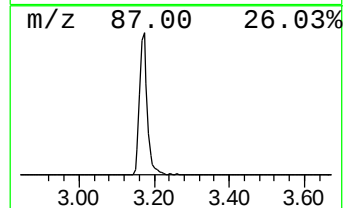
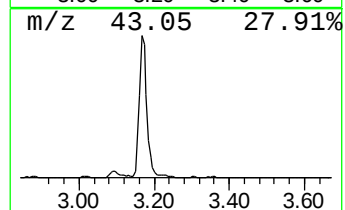
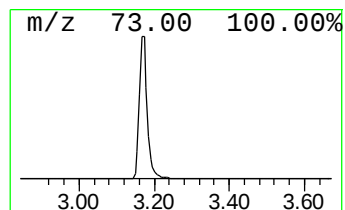
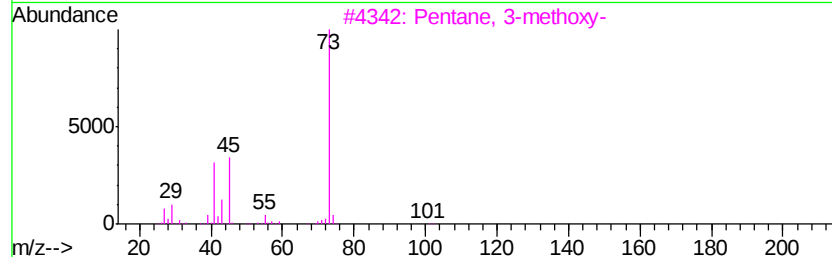
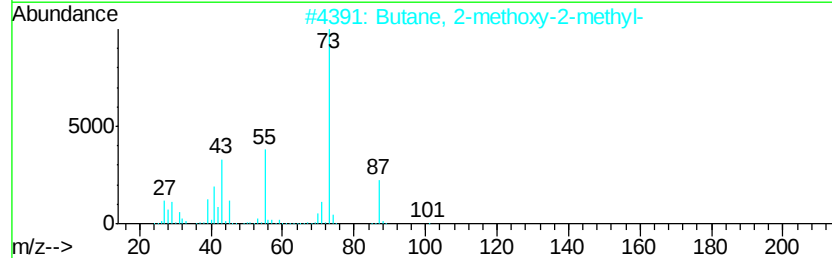
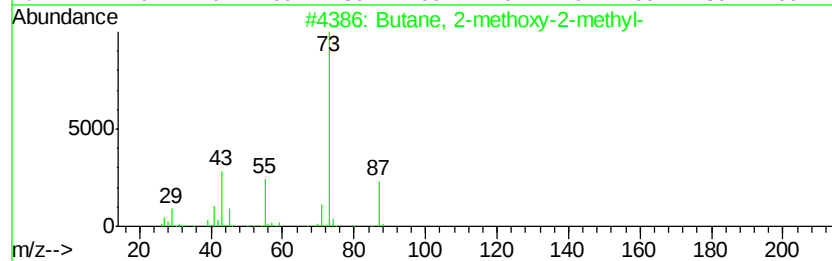
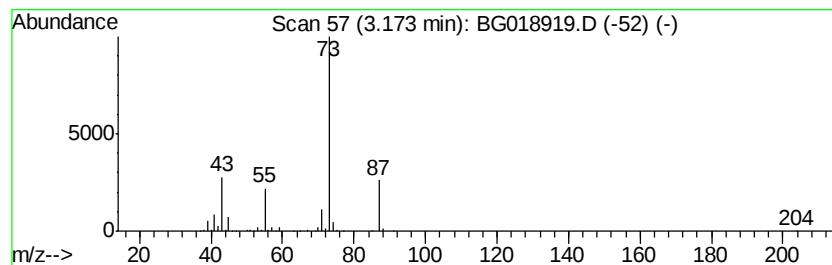
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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.
3.17	39.31 ng/ul	557036	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	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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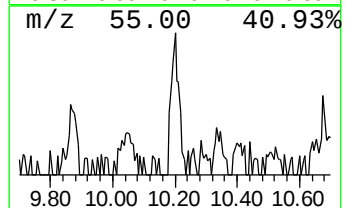
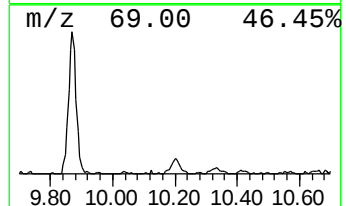
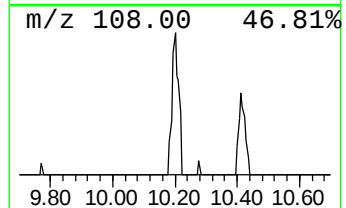
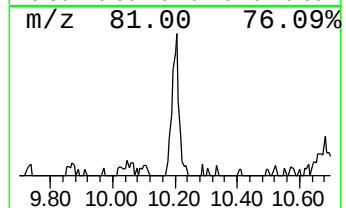
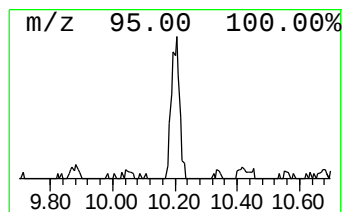
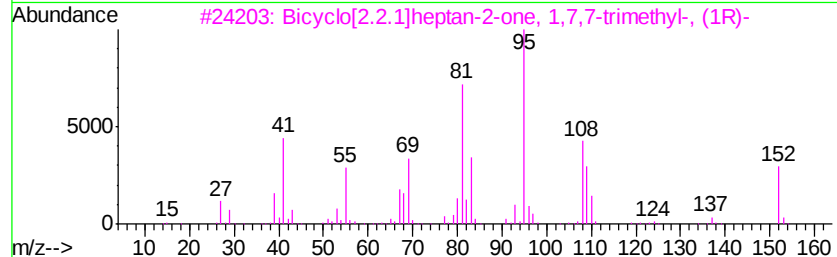
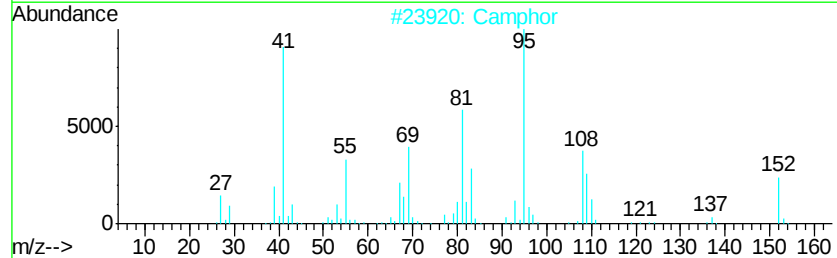
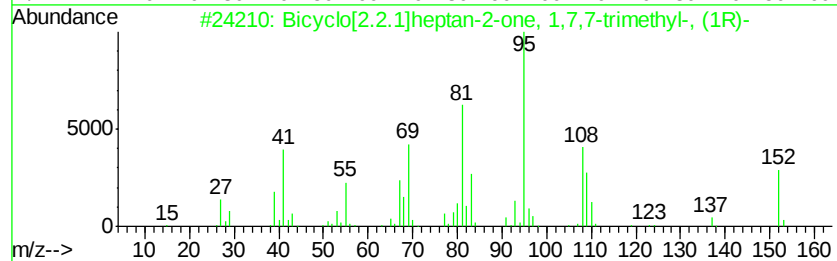
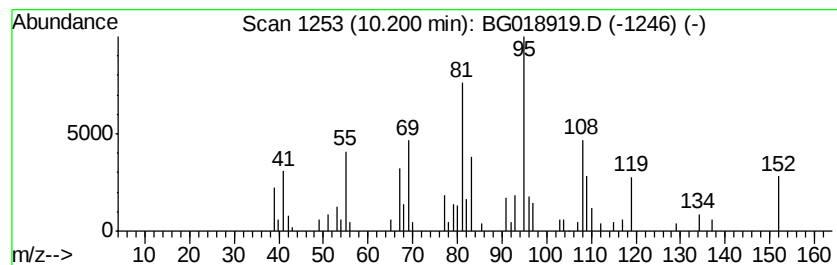
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.57 ng/ul	56068	Naphthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	96
2		Camphor	152	C10H16O	000076-22-2	95
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	94
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	94
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	93



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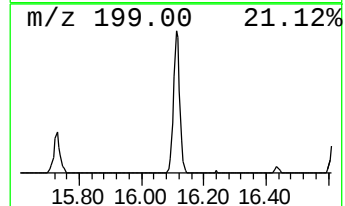
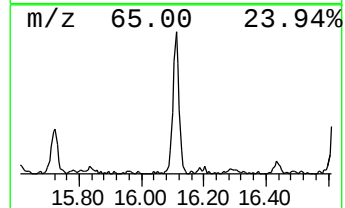
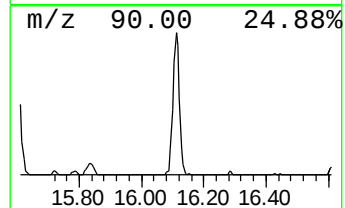
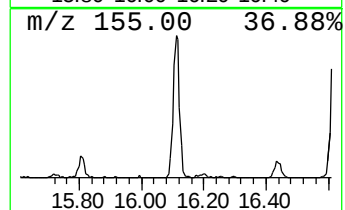
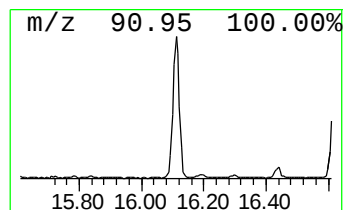
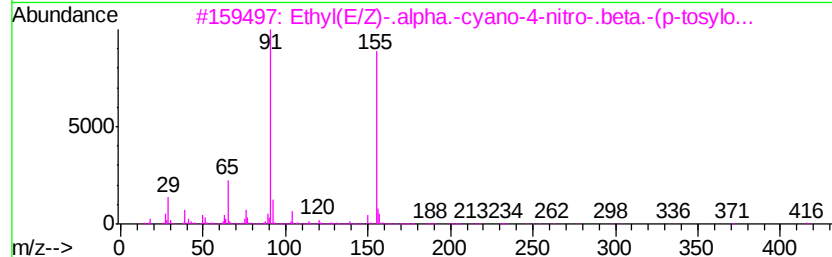
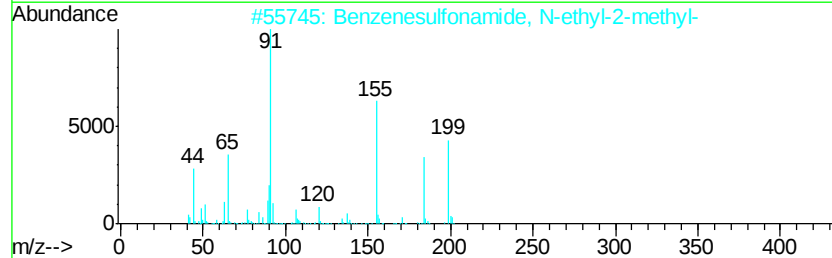
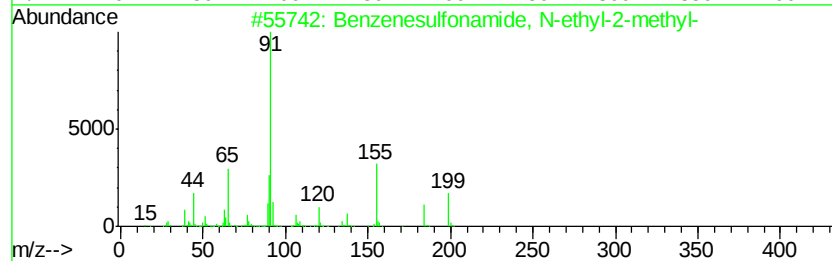
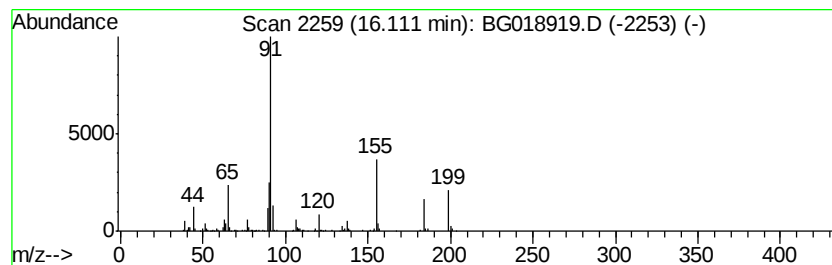
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzenesulfonamide, N-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.89 ng/ul	277530	Phenanthrene-d10	17.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	97
2		Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	47
3		Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	47
4		4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47
5		Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018919.D
Acq On : 26 Sep 2015 19:04
Operator : UM/NP
Sample : G3803-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43J3

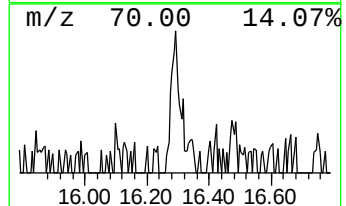
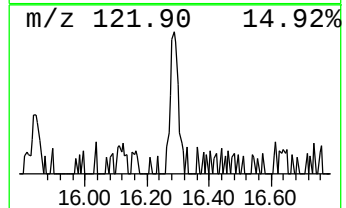
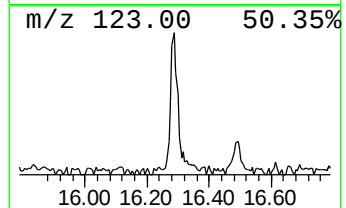
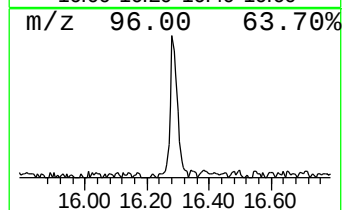
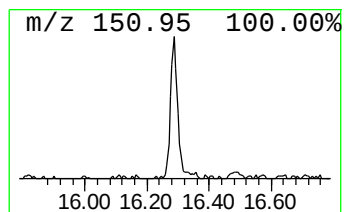
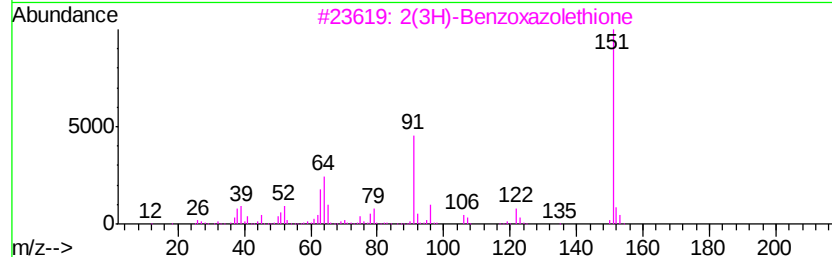
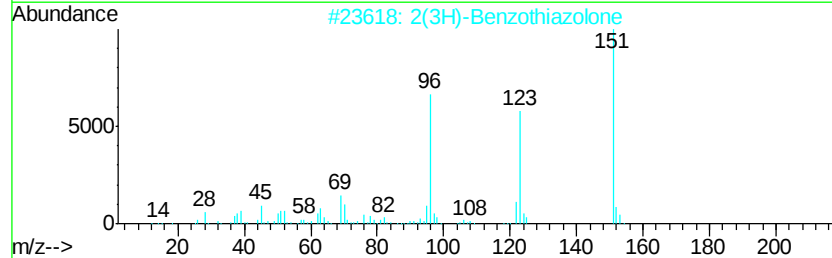
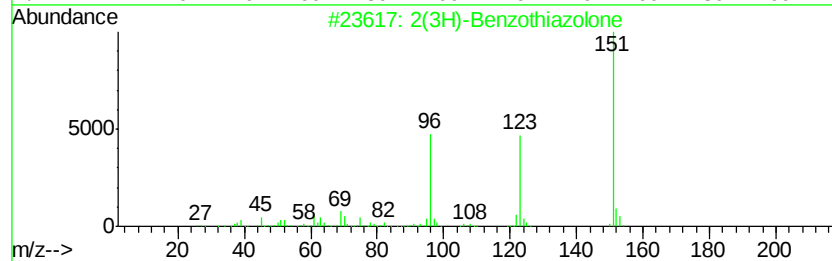
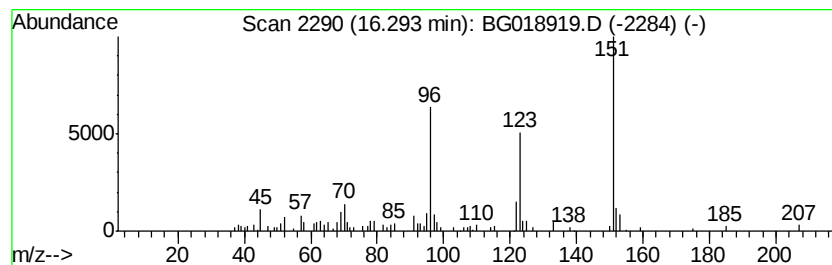
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2(3H)-Benzothiazolone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.18 ng/ul	102708	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	91
2		2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	86
3		2(3H)-Benzoxazolethione	151	C7H5NOS	002382-96-9	46
4		1,4-Benzenediol, 2-(1,1-dimethyl...	166	C10H14O2	001948-33-0	40
5		4-Mercaptoimidazo[4,5-c]pyridine	151	C6H5N3S	034550-51-1	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018919.D
Acq On : 26 Sep 2015 19:04
Operator : UM/NP
Sample : G3803-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

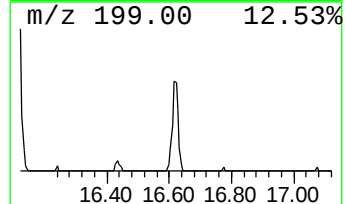
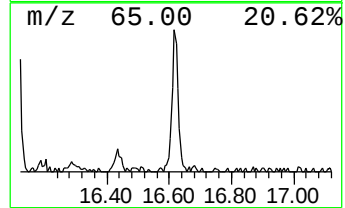
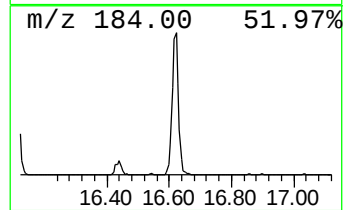
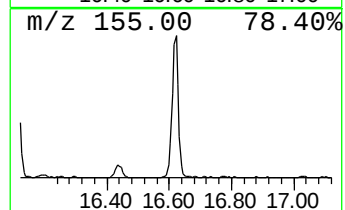
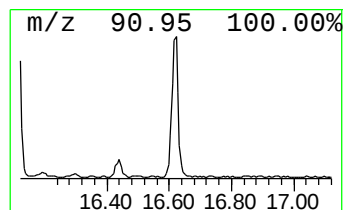
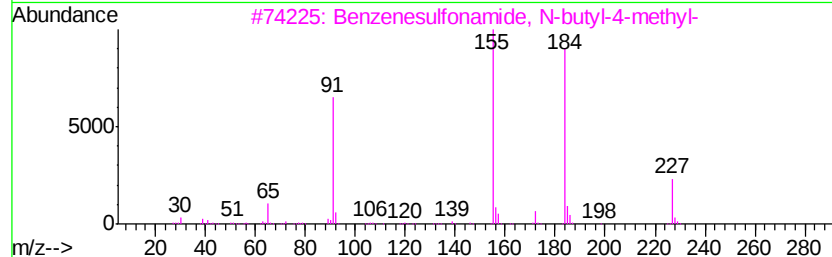
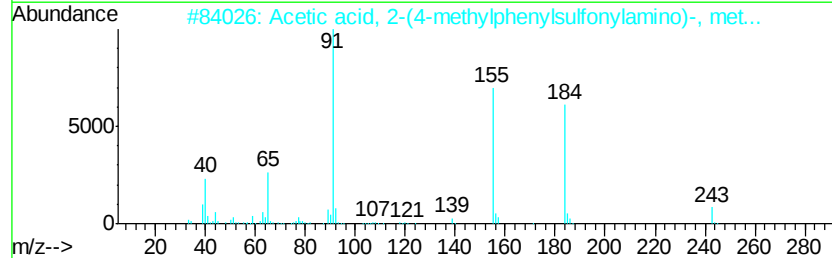
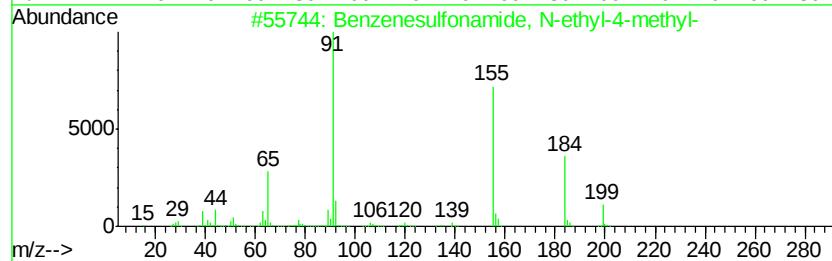
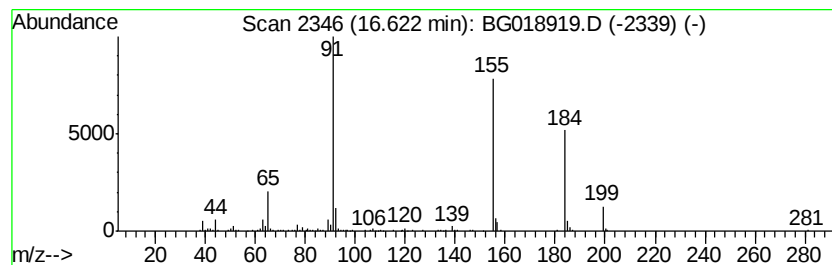
Instrument :
BNA_G
ClientSampleId :
E43J3

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

Peak Number 6 Benzenesulfonamide, N-ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.62	4.12 ng/ul	194150	Phenanthrene-d10	17.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	96
2		Acetic acid, 2-(4-methylphenylsu...	243	C10H13NO4S	002645-02-5	90
3		Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	83
4		Carbamic acid, methyl[(4-methylp...	243	C10H13NO4S	032258-50-7	83
5		Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018919.D
Acq On : 26 Sep 2015 19:04
Operator : UM/NP
Sample : G3803-03
Misc :
ALS Vial : 25 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...	3.17	39.3	ng/ul	557036	1	7.99	283387	20.0
Bicyclo[2.2.1]hep...	10.20	2.6	ng/ul	56068	2	10.79	436203	20.0
Benzenesulfonamid...	16.11	5.9	ng/ul	277530	4	17.36	941857	20.0
2(3H)-Benzothiazo...	16.29	2.2	ng/ul	102708	4	17.36	941857	20.0
Benzenesulfonamid...	16.62	4.1	ng/ul	194150	4	17.36	941857	20.0