

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016039.D
 Acq On : 25 Feb 2015 16:59
 Operator : TP/IZ
 Sample : G1354-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE0

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\SOM01.2-EPA-MA-BG021915.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	2.741	6	9	14	rVB	28066	34889	2.33%	0.240%
2	2.876	30	32	36	rVB3	5501	6045	0.40%	0.042%
3	2.958	40	46	54	rVV	279536	481400	32.14%	3.317%
4	3.029	54	58	76	rVB	679593	922427	61.59%	6.356%
5	3.810	187	191	194	rBV2	6495	7076	0.47%	0.049%
6	3.851	194	198	201	rVV3	6181	6656	0.44%	0.046%
7	4.932	377	382	388	rBV2	31670	51150	3.42%	0.352%
8	6.418	631	635	642	rVB5	1314	2854	0.19%	0.020%
9	6.970	722	729	741	rBV	132451	226827	15.15%	1.563%
10	7.141	752	758	768	rBV	115407	180286	12.04%	1.242%
11	7.341	785	792	801	rBV	123159	197591	13.19%	1.361%
12	7.434	804	808	813	rVB3	6186	8850	0.59%	0.061%
13	7.810	865	872	879	rBV	323498	492640	32.89%	3.394%
14	8.504	984	990	1002	rBV	142543	229200	15.30%	1.579%
15	8.627	1005	1011	1018	rVB	10868	19157	1.28%	0.132%
16	8.962	1061	1068	1078	rBV	101373	163548	10.92%	1.127%
17	9.385	1135	1140	1143	rBV2	2950	3942	0.26%	0.027%
18	9.608	1175	1178	1179	rBV3	2928	2679	0.18%	0.018%
19	9.620	1179	1180	1184	rVV3	3342	4417	0.29%	0.030%
20	9.684	1184	1191	1196	rVB	50151	84151	5.62%	0.580%
21	9.784	1205	1208	1213	rVB3	1616	2193	0.15%	0.015%
22	10.213	1273	1281	1291	rBV	129854	215132	14.36%	1.482%
23	10.601	1339	1347	1354	rVB	475752	797109	53.22%	5.492%
24	10.730	1362	1369	1380	rBV2	133549	226674	15.13%	1.562%
25	11.911	1564	1570	1580	rVB	20348	31501	2.10%	0.217%
26	12.116	1602	1605	1611	rVV2	2821	3326	0.22%	0.023%
27	12.187	1613	1617	1620	rBV2	2721	3624	0.24%	0.025%
28	12.792	1716	1720	1725	rBV2	3933	5420	0.36%	0.037%
29	13.045	1759	1763	1766	rVB2	4603	5739	0.38%	0.040%
30	13.262	1796	1800	1804	rBV4	2253	3170	0.21%	0.022%
31	13.327	1806	1811	1817	rVV4	4544	7221	0.48%	0.050%
32	13.843	1893	1899	1903	rBV	270066	357055	23.84%	2.460%
33	13.890	1903	1907	1914	rVB	85936	114952	7.68%	0.792%
34	14.125	1941	1947	1954	rVB	353138	495884	33.11%	3.417%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Title : SVOA CALIBRATION

35	14.337	1978	1983	1987	rBV	3037	3898	0.26%	0.027%
36	14.437	1993	2000	2009	rVB2	755383	1110067	74.12%	7.648%
37	14.619	2026	2031	2040	rBV3	58288	99028	6.61%	0.682%
38	14.701	2042	2045	2052	rVV	13466	22583	1.51%	0.156%
39	14.772	2056	2057	2063	rVV5	2179	2808	0.19%	0.019%
40	14.848	2066	2070	2075	rVV4	2893	4073	0.27%	0.028%
41	15.200	2125	2130	2133	rBV	9390	11636	0.78%	0.080%
42	15.253	2133	2139	2143	rVV2	7873	13119	0.88%	0.090%
43	15.283	2143	2144	2149	rVB3	2464	2628	0.18%	0.018%
44	15.424	2162	2168	2174	rBV	459019	624818	41.72%	4.305%
45	15.535	2182	2187	2192	rBV	29411	38015	2.54%	0.262%
46	15.665	2204	2209	2212	rBV3	3400	4659	0.31%	0.032%
47	15.788	2219	2230	2237	rBV	195084	258534	17.26%	1.781%
48	15.976	2257	2262	2265	rBV4	1842	3169	0.21%	0.022%
49	16.146	2288	2291	2296	rBV5	2073	3491	0.23%	0.024%
50	16.322	2315	2321	2326	rBV6	2446	5183	0.35%	0.036%
51	16.381	2326	2331	2333	rBV2	2005	2829	0.19%	0.019%
52	16.411	2333	2336	2341	rVB	6949	9621	0.64%	0.066%
53	16.505	2343	2352	2357	rBV	25139	43564	2.91%	0.300%
54	16.563	2357	2362	2363	rBV2	5121	7592	0.51%	0.052%
55	16.581	2363	2365	2368	rVB2	4866	4800	0.32%	0.033%
56	16.939	2419	2426	2427	rBV3	2085	3576	0.24%	0.025%
57	16.957	2427	2429	2433	rVV	3871	5235	0.35%	0.036%
58	17.022	2435	2440	2445	rVB	9525	11085	0.74%	0.076%
59	17.133	2453	2459	2460	rBV	13278	14751	0.98%	0.102%
60	17.174	2460	2466	2473	rVV	983680	1324971	88.47%	9.129%
61	17.274	2476	2483	2491	rVV	436829	638915	42.66%	4.402%
62	17.439	2505	2511	2518	rBV2	8699	17042	1.14%	0.117%
63	17.850	2576	2581	2586	rVV4	1666	3281	0.22%	0.023%
64	18.067	2613	2618	2623	rBV4	8849	14717	0.98%	0.101%
65	18.138	2627	2630	2635	rVV	4013	5044	0.34%	0.035%
66	18.367	2664	2669	2673	rBV5	3024	4498	0.30%	0.031%
67	18.502	2688	2692	2693	rBV4	2421	2798	0.19%	0.019%
68	18.831	2744	2748	2749	rBV3	2142	2756	0.18%	0.019%
69	18.954	2766	2769	2773	rBV3	1277	2202	0.15%	0.015%
70	18.995	2773	2776	2782	rBV5	3319	5093	0.34%	0.035%
71	19.195	2805	2810	2812	rBV2	5624	7170	0.48%	0.049%

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72	19.230	2812	2816	2821	rVB	17560	23174	1.55%	0.160%
73	19.348	2832	2836	2838	rBV4	3078	4693	0.31%	0.032%
74	19.448	2850	2853	2856	rBV2	3837	3159	0.21%	0.022%
75	19.565	2866	2873	2884	rBV	538788	768431	51.31%	5.295%
76	19.771	2906	2908	2912	rVB5	2572	3552	0.24%	0.024%
77	19.918	2929	2933	2935	rVV4	2694	3210	0.21%	0.022%
78	20.076	2958	2960	2963	rBV3	2219	2974	0.20%	0.020%
79	20.106	2963	2965	2969	rVB4	6400	7547	0.50%	0.052%
80	20.247	2983	2989	2992	rBV7	1882	3511	0.23%	0.024%
81	20.282	2992	2995	2999	rBV6	2521	3677	0.25%	0.025%
82	20.605	3045	3050	3054	rBV5	7878	12173	0.81%	0.084%
83	21.057	3123	3127	3132	rVV3	41258	55397	3.70%	0.382%
84	21.145	3138	3142	3146	rVB3	16081	22504	1.50%	0.155%
85	21.263	3159	3162	3164	rBV3	5589	6752	0.45%	0.047%
86	21.345	3170	3176	3191	rVB	1195516	1497692	100.00%	10.319%
87	21.468	3193	3197	3199	rVV5	7141	10005	0.67%	0.069%
88	21.498	3199	3202	3206	rVB3	12310	12162	0.81%	0.084%
89	21.604	3218	3220	3223	rBV3	2743	3356	0.22%	0.023%
90	21.868	3263	3265	3267	rBV3	3087	2355	0.16%	0.016%
91	21.944	3275	3278	3283	rVB4	10097	12046	0.80%	0.083%
92	22.420	3355	3359	3364	rVB4	14596	21630	1.44%	0.149%
93	22.555	3378	3382	3387	rVB3	15596	19552	1.31%	0.135%
94	22.843	3429	3431	3432	rBV	3290	3195	0.21%	0.022%
95	22.943	3444	3448	3454	rBV3	20580	39763	2.65%	0.274%
96	23.495	3535	3542	3560	rVB2	338192	713925	47.67%	4.919%
97	23.648	3560	3568	3580	rBV	747867	1470605	98.19%	10.133%
98	24.212	3659	3664	3671	rVB5	14039	29006	1.94%	0.200%
99	25.005	3793	3799	3804	rBV8	9783	19216	1.28%	0.132%
100	27.513	4224	4226	4229	rBV4	3560	4335	0.29%	0.030%

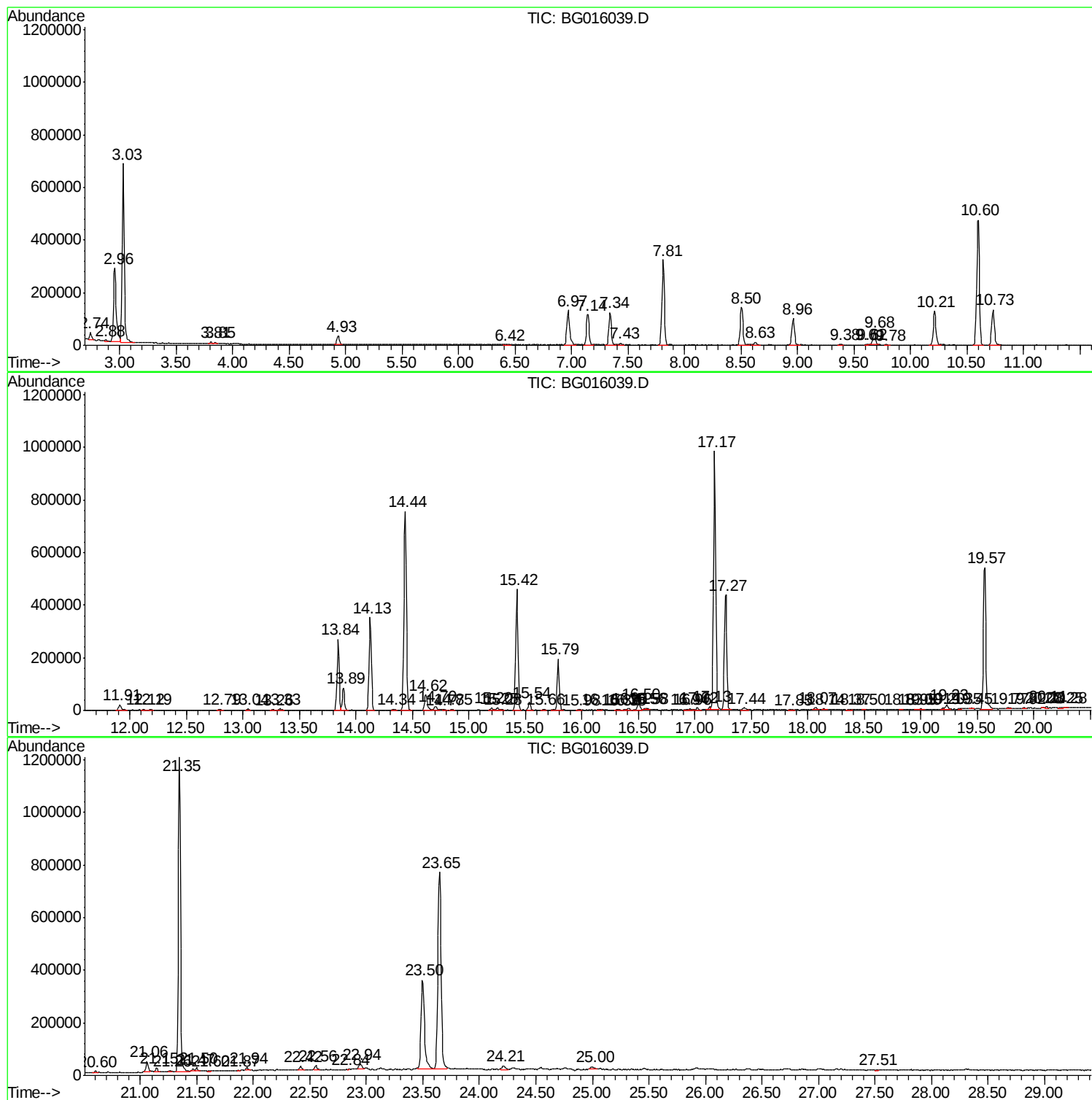
Sum of corrected areas: 14513631

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION

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



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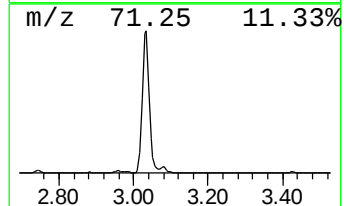
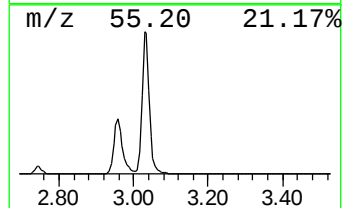
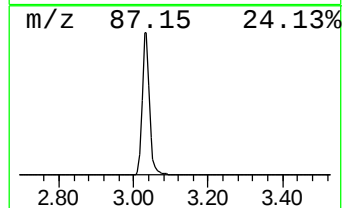
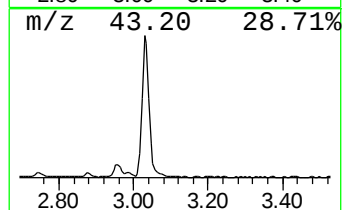
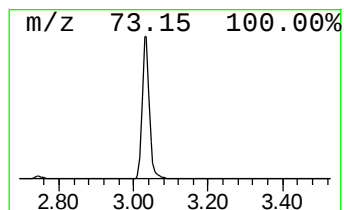
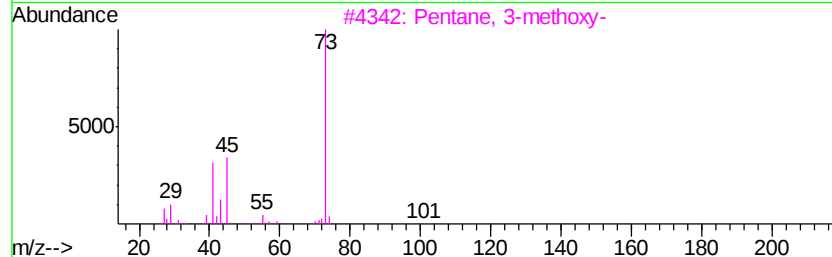
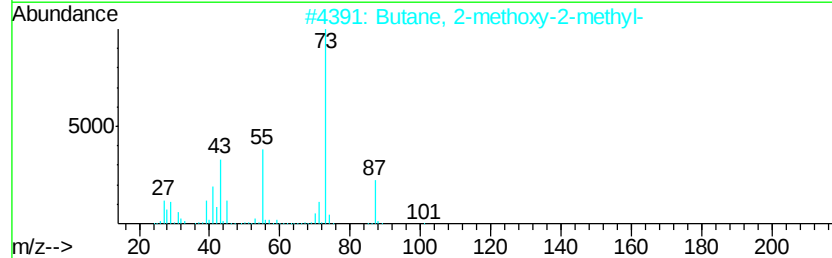
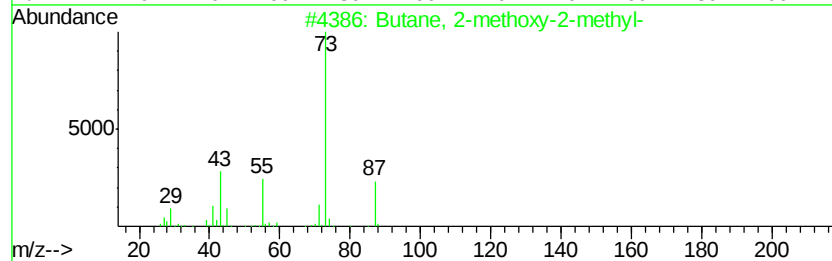
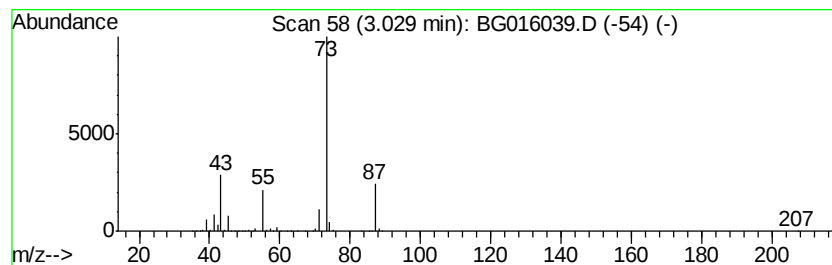
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION

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.
3.03	37.45 ng/ul	922427	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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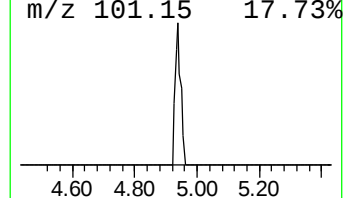
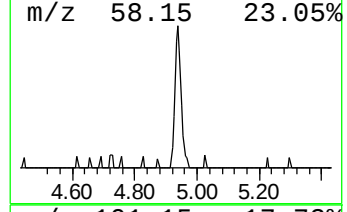
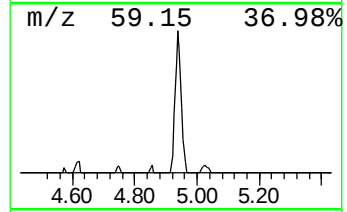
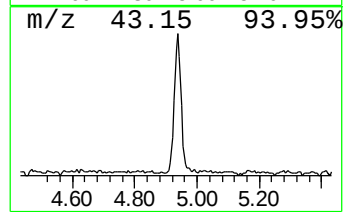
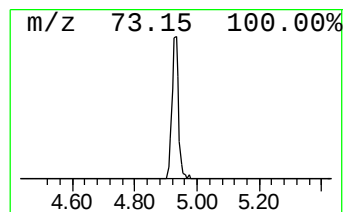
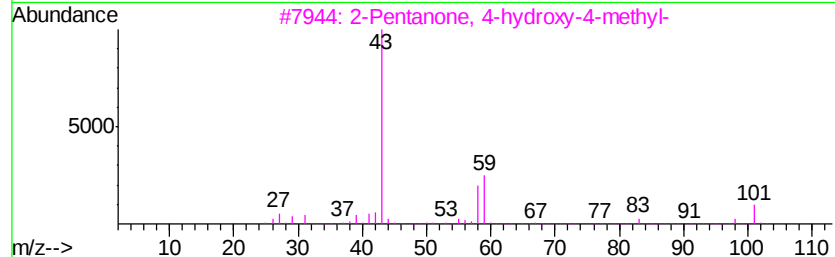
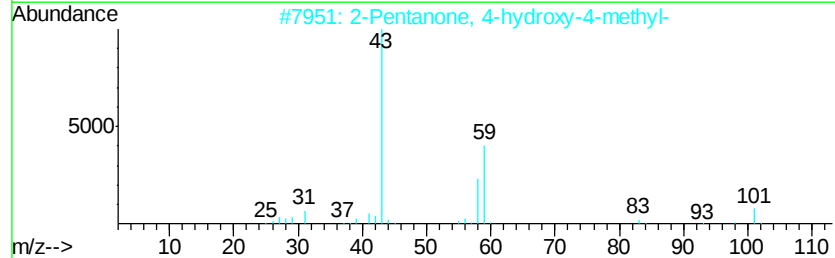
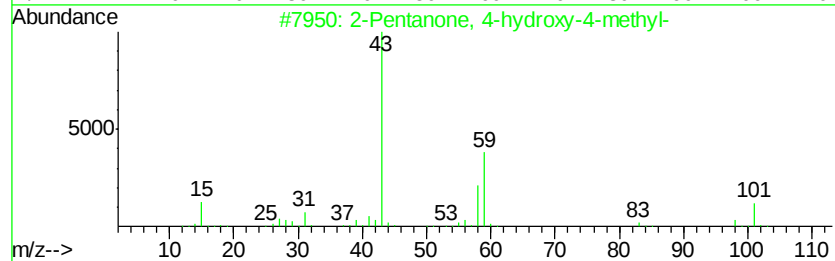
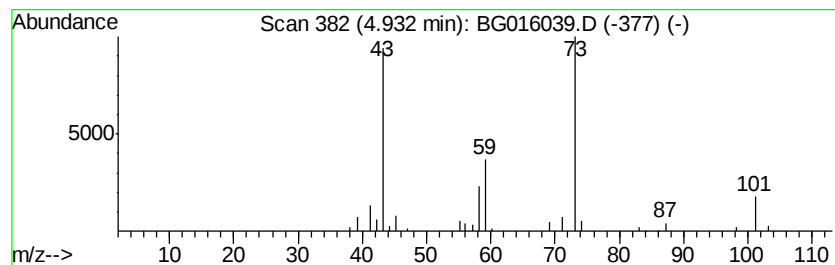
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.08 ng/ul	51150	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43		
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17		



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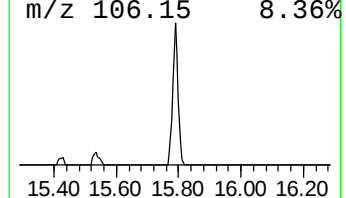
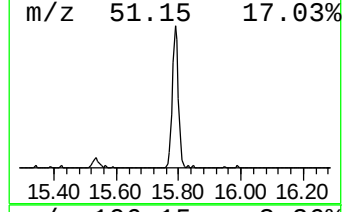
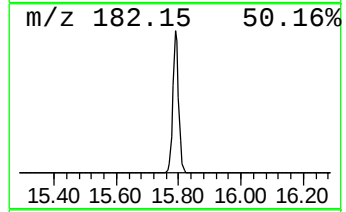
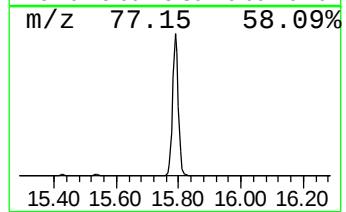
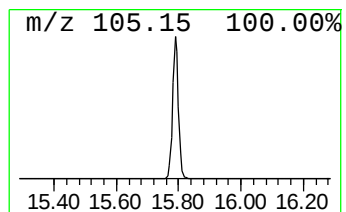
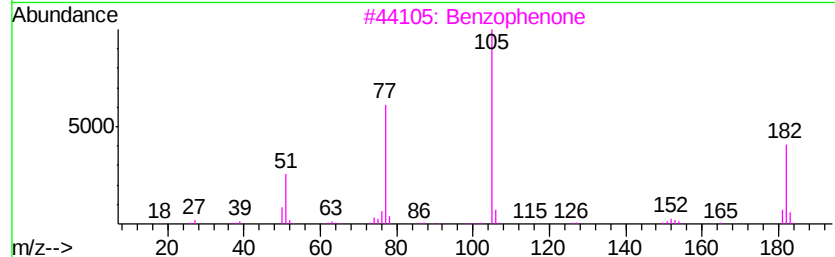
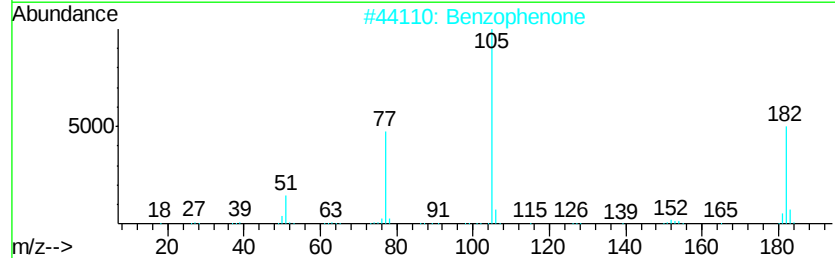
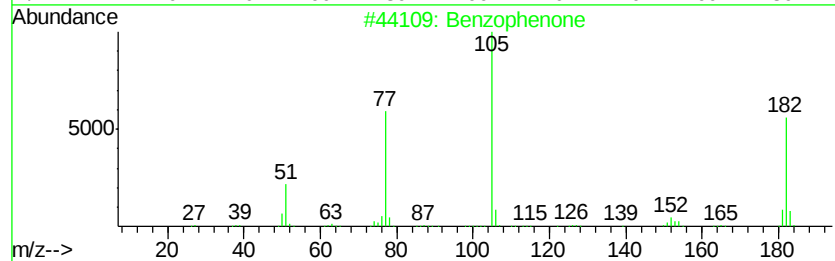
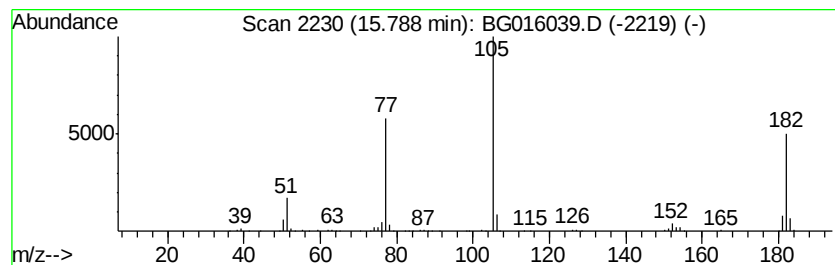
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	4.66 ng/ul	258534	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	95
5		Benzophenone	182	C13H10O	000119-61-9	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016039.D
Acq On : 25 Feb 2015 16:59
Operator : TP/IZ
Sample : G1354-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.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...	3.03	37.5	ng/ul	922427	1	7.81	492640	20.0
2-Pentanone, 4-hy...	4.93	2.1	ng/ul	51150	1	7.81	492640	20.0
Benzophenone	15.79	4.7	ng/ul	258534	3	14.44	1110070	20.0