

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022615\
 Data File : BG016049.D
 Acq On : 26 Feb 2015 16:43
 Operator : TP/IZ
 Sample : G1354-05
 Misc :
 ALS Vial : 5 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	2.740	6	9	14	rVB	18589	23528	2.34%	0.168%
2	2.957	41	46	54	rBV	251282	420388	41.87%	2.995%
3	3.028	54	58	73	rVB	471323	642325	63.98%	4.577%
4	3.427	124	126	133	rVB6	2609	4321	0.43%	0.031%
5	3.844	194	197	203	rVB2	7360	9549	0.95%	0.068%
6	4.026	225	228	233	rVB3	1929	2596	0.26%	0.018%
7	4.244	261	265	268	rBV4	3123	3525	0.35%	0.025%
8	4.937	376	383	389	rVB2	22209	36649	3.65%	0.261%
9	6.969	723	729	741	rBV	175472	305549	30.43%	2.177%
10	7.146	752	759	766	rBV	145166	229315	22.84%	1.634%
11	7.339	785	792	799	rBV	170773	264848	26.38%	1.887%
12	7.433	804	808	814	rVB2	7024	9744	0.97%	0.069%
13	7.809	865	872	879	rBV	224228	347031	34.56%	2.473%
14	8.503	982	990	998	rBV	220637	341964	34.06%	2.437%
15	8.626	1006	1011	1017	rVB	17090	26451	2.63%	0.188%
16	8.961	1061	1068	1076	rVB	154997	242455	24.15%	1.728%
17	9.384	1136	1140	1145	rVB2	4420	6706	0.67%	0.048%
18	9.630	1176	1182	1184	rBV3	1725	2828	0.28%	0.020%
19	9.683	1184	1191	1197	rVB	99454	164585	16.39%	1.173%
20	10.036	1248	1251	1258	rVB2	1962	3086	0.31%	0.022%
21	10.212	1274	1281	1293	rBV	194175	320791	31.95%	2.286%
22	10.594	1338	1346	1354	rBV	332540	552852	55.06%	3.939%
23	10.729	1362	1369	1378	rBV	216025	356086	35.47%	2.537%
24	11.910	1565	1570	1577	rBV2	21576	32765	3.26%	0.233%
25	12.186	1610	1617	1622	rBV3	3187	5752	0.57%	0.041%
26	12.785	1712	1719	1726	rBV3	1718	3076	0.31%	0.022%
27	13.044	1757	1763	1767	rBV3	3157	4561	0.45%	0.032%
28	13.261	1797	1800	1805	rBV3	1901	2727	0.27%	0.019%
29	13.842	1892	1899	1904	rBV	368500	488610	48.67%	3.481%
30	13.889	1904	1907	1914	rVB	41417	49118	4.89%	0.350%
31	14.124	1940	1947	1957	rVB	446402	667277	66.46%	4.754%
32	14.336	1979	1983	1987	rBV2	4661	6065	0.60%	0.043%
33	14.436	1993	2000	2008	rVV2	494312	760630	75.76%	5.420%
34	14.618	2025	2031	2043	rBV	114927	181681	18.10%	1.294%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	14.700	2043	2045	2049	rVB2	1869	2496	0.25%	0.018%
36	15.252	2136	2139	2141	rVV	2329	2406	0.24%	0.017%
37	15.282	2141	2144	2149	rVB3	3136	4248	0.42%	0.030%
38	15.423	2161	2168	2175	rBV	594523	830485	82.72%	5.917%
39	15.534	2182	2187	2196	rVB	62402	84038	8.37%	0.599%
40	15.663	2204	2209	2214	rBV4	5881	8098	0.81%	0.058%
41	15.787	2221	2230	2237	rBV	106345	146016	14.54%	1.040%
42	16.145	2288	2291	2294	rBV3	2051	2334	0.23%	0.017%
43	16.410	2332	2336	2342	rBV3	2890	3582	0.36%	0.026%
44	16.568	2356	2363	2367	rBV4	2165	4997	0.50%	0.036%
45	16.639	2370	2375	2382	rBV4	1713	4155	0.41%	0.030%
46	16.938	2422	2426	2428	rVV4	1872	3061	0.30%	0.022%
47	16.962	2428	2430	2434	rVB2	2927	2702	0.27%	0.019%
48	17.173	2459	2466	2471	rBV2	623843	878290	87.48%	6.258%
49	17.214	2471	2473	2476	rVB	8503	9341	0.93%	0.067%
50	17.273	2476	2483	2489	rBV2	609614	869562	86.61%	6.196%
51	17.561	2530	2532	2541	rVB5	1684	2958	0.29%	0.021%
52	17.949	2593	2598	2599	rVV4	2215	3137	0.31%	0.022%
53	17.966	2599	2601	2608	rVB2	3885	5212	0.52%	0.037%
54	18.066	2612	2618	2628	rVV4	17896	34536	3.44%	0.246%
55	18.142	2628	2631	2634	rVB	3286	4166	0.41%	0.030%
56	18.236	2643	2647	2652	rBV6	3039	6440	0.64%	0.046%
57	18.366	2664	2669	2674	rBV4	3413	4927	0.49%	0.035%
58	18.577	2701	2705	2711	rVV5	5113	9273	0.92%	0.066%
59	18.636	2711	2715	2719	rVV3	3422	5087	0.51%	0.036%
60	18.865	2752	2754	2758	rVB2	3765	4087	0.41%	0.029%
61	18.918	2758	2763	2767	rBV4	5176	6627	0.66%	0.047%
62	18.988	2773	2775	2779	rBV4	2261	2401	0.24%	0.017%
63	19.200	2805	2811	2812	rVV2	5795	7972	0.79%	0.057%
64	19.229	2812	2816	2820	rVB	28888	35796	3.57%	0.255%
65	19.347	2830	2836	2840	rBV4	9265	14624	1.46%	0.104%
66	19.452	2851	2854	2857	rBV2	4439	6315	0.63%	0.045%
67	19.564	2866	2873	2884	rBV	744882	994306	99.03%	7.085%
68	19.764	2906	2907	2913	rBV6	2386	3393	0.34%	0.024%
69	20.052	2951	2956	2957	rBV3	2397	3483	0.35%	0.025%
70	20.081	2957	2961	2964	rVV4	5827	8273	0.82%	0.059%
71	20.181	2976	2978	2983	rVV5	4098	4504	0.45%	0.032%

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72	20.240	2985	2988	2993	rVB6	2514	4097	0.41%	0.029%
73	20.381	3009	3012	3016	rBV6	3934	5256	0.52%	0.037%
74	20.433	3016	3021	3023	rBV6	3420	4519	0.45%	0.032%
75	20.563	3040	3043	3045	rBV3	1997	2539	0.25%	0.018%
76	20.604	3047	3050	3051	rBV2	4097	2965	0.30%	0.021%
77	20.710	3065	3068	3072	rVB3	5795	7219	0.72%	0.051%
78	20.745	3072	3074	3077	rBV3	2093	2346	0.23%	0.017%
79	20.862	3092	3094	3096	rBV3	2212	2804	0.28%	0.020%
80	21.056	3121	3127	3139	rBV	122397	183719	18.30%	1.309%
81	21.144	3139	3142	3149	rVB3	13244	18616	1.85%	0.133%
82	21.262	3160	3162	3166	rVB4	4497	4576	0.46%	0.033%
83	21.344	3169	3176	3181	rBV	759566	1002321	99.83%	7.142%
84	21.462	3192	3196	3199	rBV4	12966	16404	1.63%	0.117%
85	21.503	3199	3203	3206	rVB4	10828	13905	1.38%	0.099%
86	21.655	3226	3229	3230	rBV3	4373	4240	0.42%	0.030%
87	21.943	3275	3278	3279	rBV3	7326	7105	0.71%	0.051%
88	22.419	3355	3359	3362	rVB3	10774	14043	1.40%	0.100%
89	22.548	3378	3381	3384	rBV5	5853	8440	0.84%	0.060%
90	22.942	3444	3448	3455	rBV5	25130	49209	4.90%	0.351%
91	23.124	3476	3479	3487	rVB10	10402	18337	1.83%	0.131%
92	23.447	3531	3534	3535	rBV2	8317	8965	0.89%	0.064%
93	23.500	3536	3543	3559	rVV2	487711	1004025	100.00%	7.154%
94	23.647	3560	3568	3583	rVB2	494847	999050	99.50%	7.118%
95	24.211	3661	3664	3673	rVB5	18109	32539	3.24%	0.232%
96	25.004	3794	3799	3805	rVB5	14259	30202	3.01%	0.215%
97	25.920	3950	3955	3961	rBV9	10438	27380	2.73%	0.195%
98	27.001	4136	4139	4140	rBV3	6756	6911	0.69%	0.049%
99	28.252	4350	4352	4354	rBV3	5518	5693	0.57%	0.041%
100	28.945	4468	4470	4472	rBV3	4146	4653	0.46%	0.033%

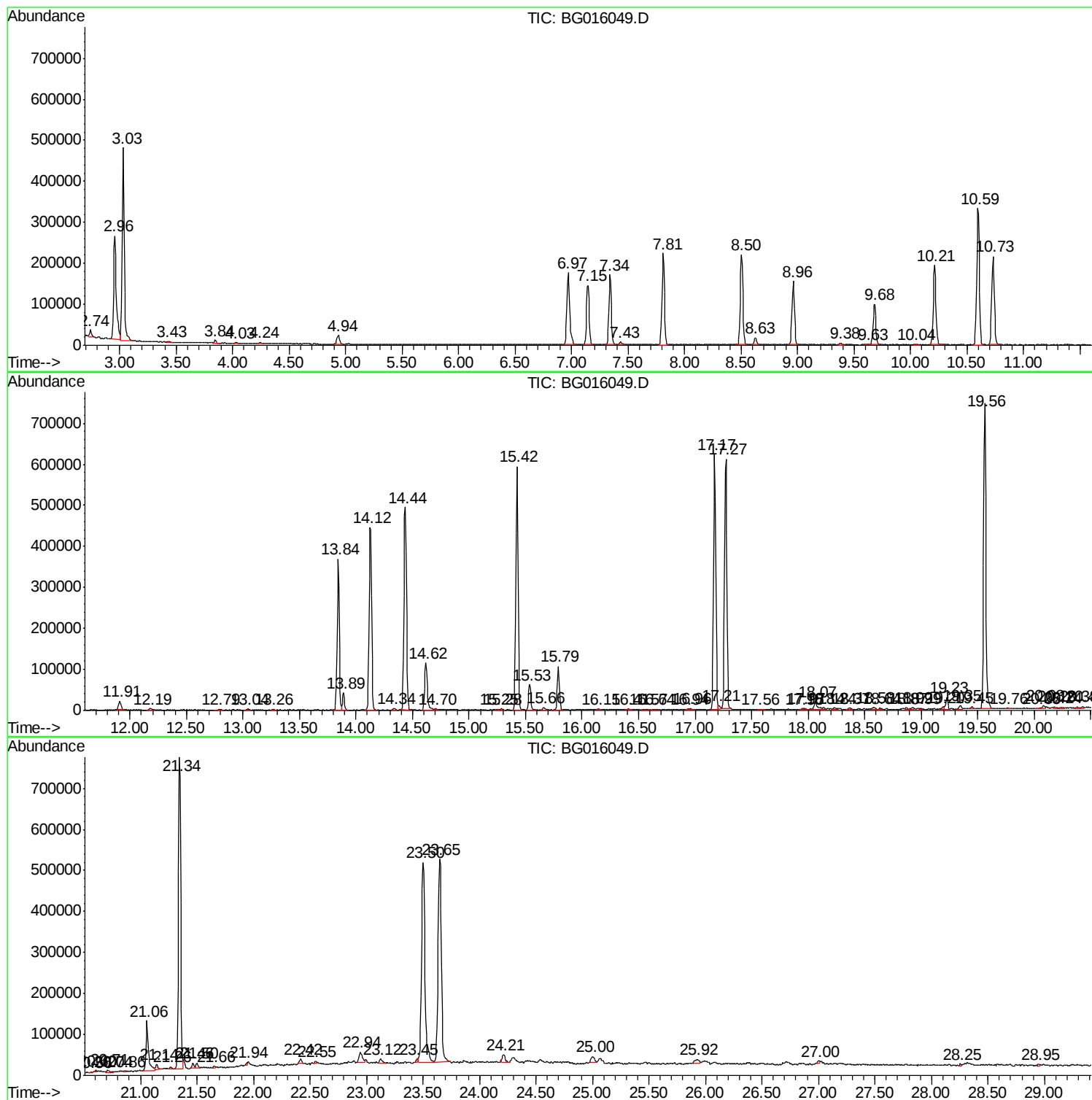
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION

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



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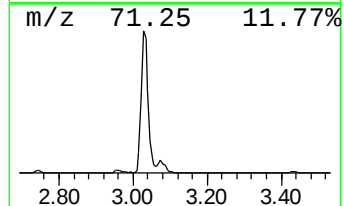
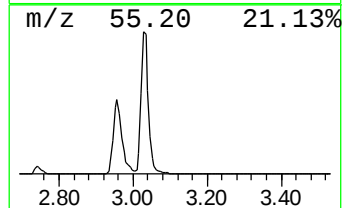
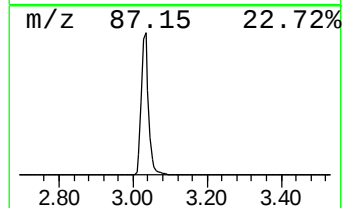
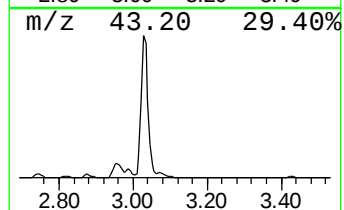
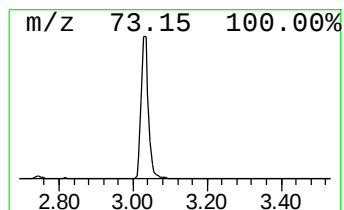
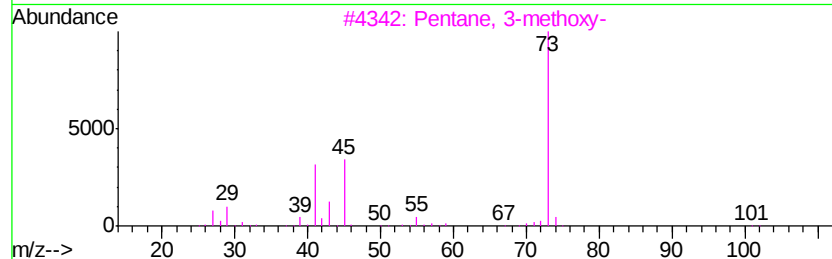
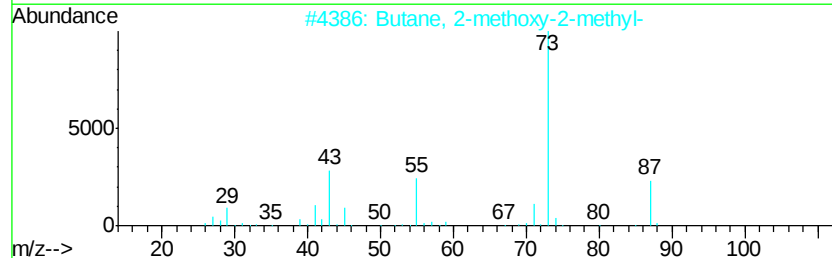
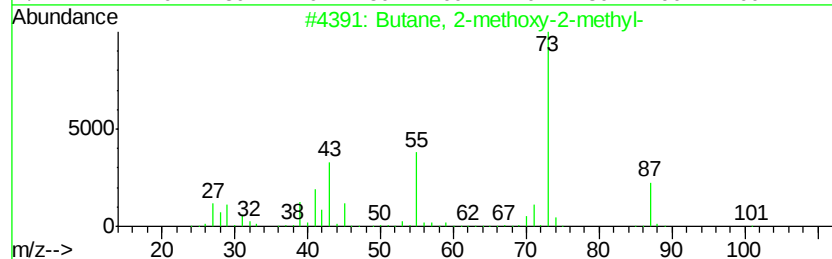
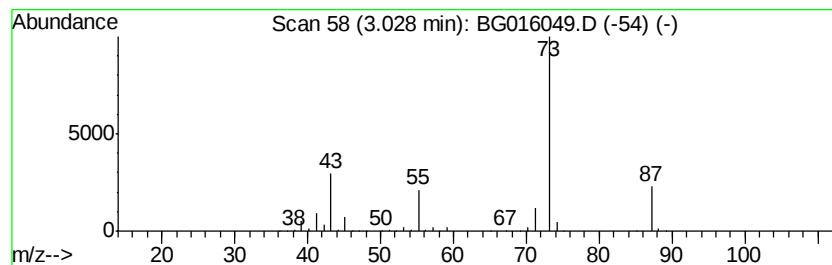
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION

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	37.02 ng/ul	642325	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	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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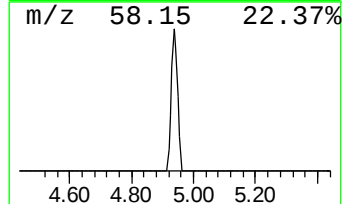
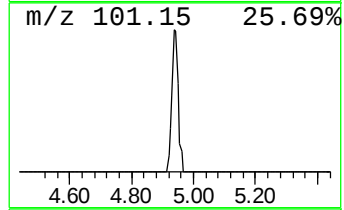
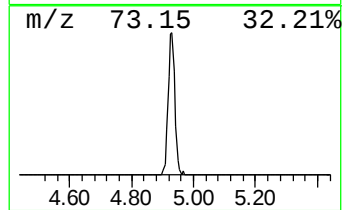
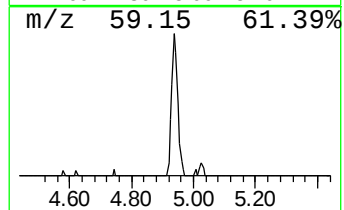
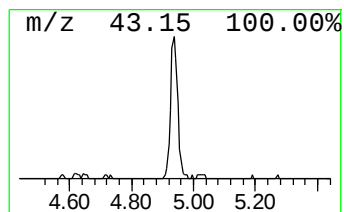
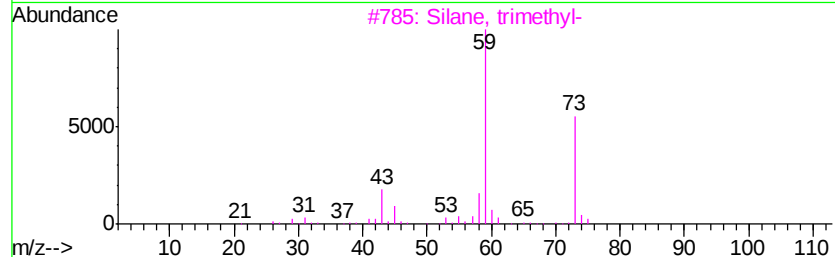
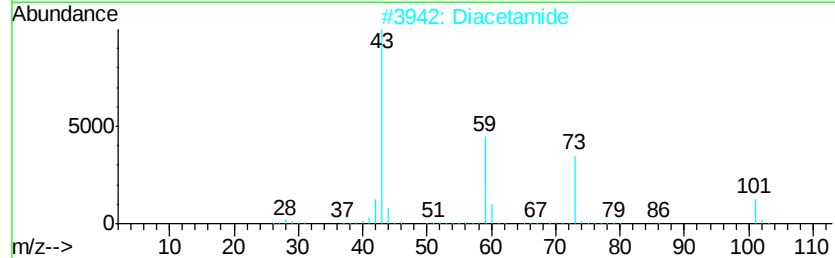
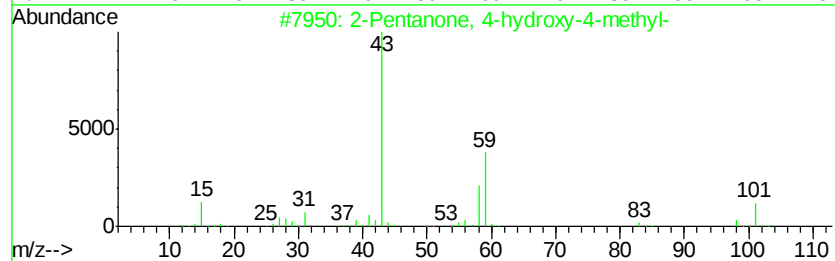
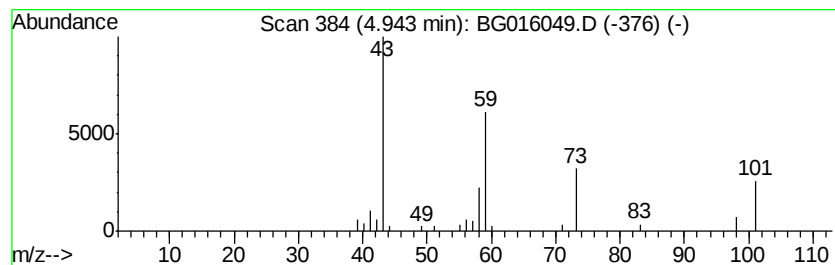
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.11 ng/ul	36649	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Diacetamide	101	C4H7NO2	000625-77-4	64
3		Silane, trimethyl-	74	C3H10Si	000993-07-7	37
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	10



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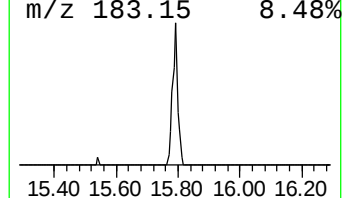
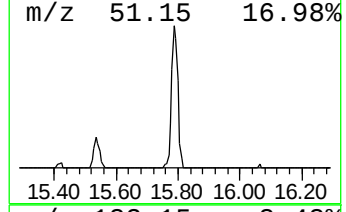
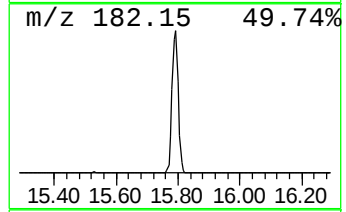
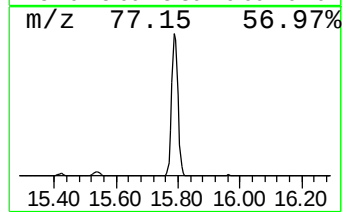
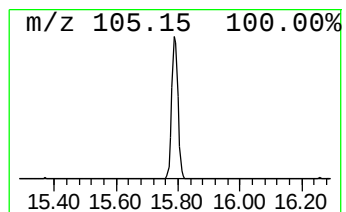
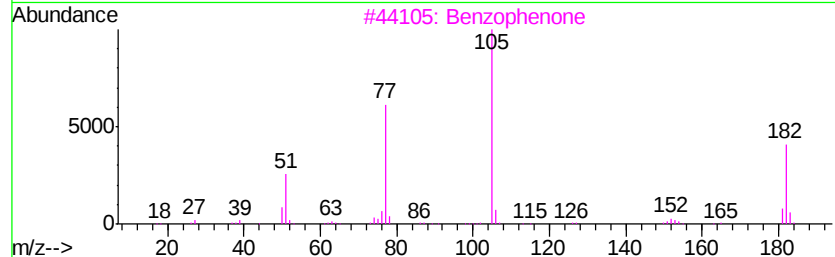
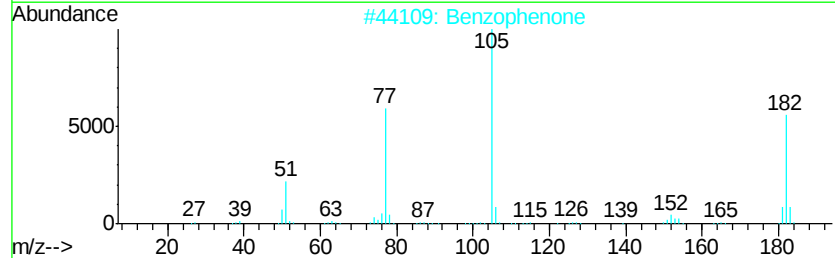
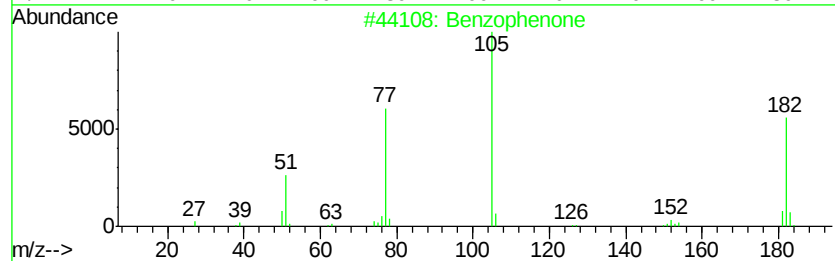
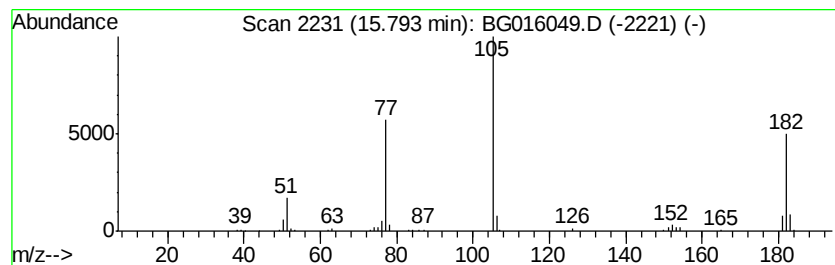
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Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	3.84 ng/ul	146016	Acenaphthene-d10	14.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	96
2	Benzophenone		182	C13H10O	000119-61-9	95
3	Benzophenone		182	C13H10O	000119-61-9	94
4	Benzophenone		182	C13H10O	000119-61-9	91
5	Benzophenone		182	C13H10O	000119-61-9	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022615\
Data File : BG016049.D
Acq On : 26 Feb 2015 16:43
Operator : TP/IZ
Sample : G1354-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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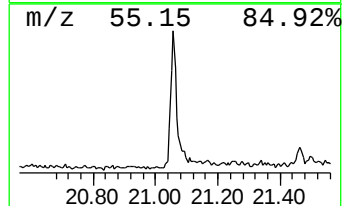
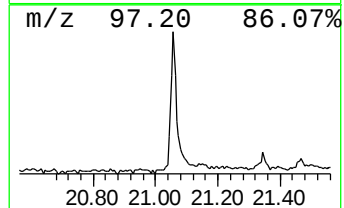
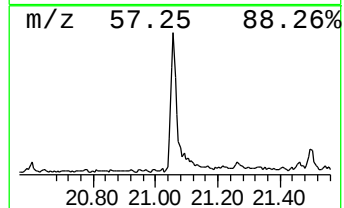
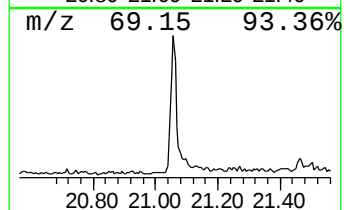
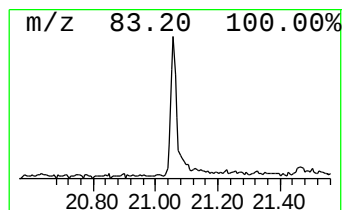
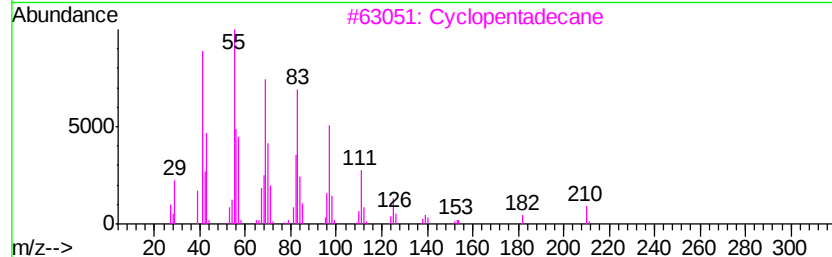
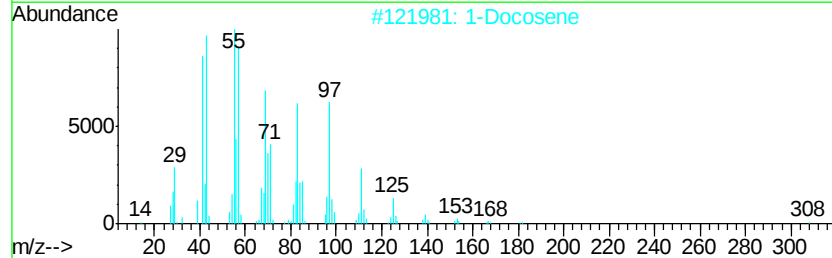
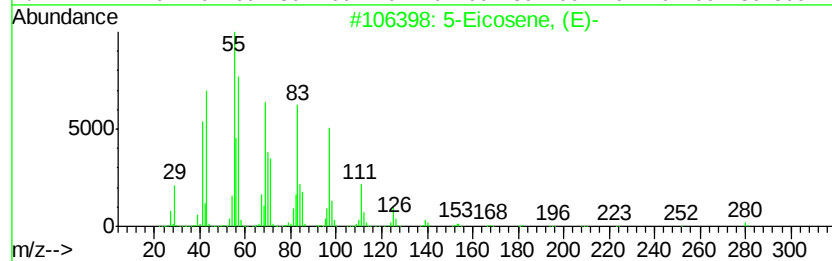
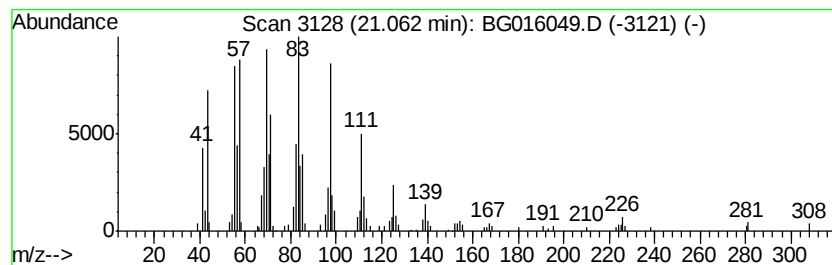
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.67 ng/ul	183719	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2		1-Docosene	308	C22H44	001599-67-3	94
3		Cyclopentadecane	210	C15H30	000295-48-7	94
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5		1-Heptadecanol	256	C17H36O	001454-85-9	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022615\
Data File : BG016049.D
Acq On : 26 Feb 2015 16:43
Operator : TP/IZ
Sample : G1354-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AEO

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	37.0	ng/ul	642325	1	7.81	347031	20.0
2-Pentanone, 4-hy...	4.94	2.1	ng/ul	36649	1	7.81	347031	20.0
Benzophenone	15.79	3.8	ng/ul	146016	3	14.43	760630	20.0
(DEL) Alkane: Cyclic	21.06	3.7	ng/ul	183719	5	21.34	1002320	20.0