

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
 Data File : BG019709.D
 Acq On : 19 Nov 2015 17:35
 Operator : UM/NP
 Sample : G4310-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KM7

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-BG111615.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	3.084	38	42	51	rBV2	27539	49993	3.12%	0.345%
2	3.167	51	56	65	rVB	102280	141938	8.85%	0.979%
3	3.449	100	104	108	rBV	6588	8391	0.52%	0.058%
4	5.182	391	399	406	rBV2	4372	8542	0.53%	0.059%
5	7.297	752	759	770	rVB	147452	256867	16.02%	1.771%
6	7.461	781	787	796	rVB	117601	189594	11.82%	1.307%
7	7.673	815	823	831	rBV	139804	236565	14.75%	1.631%
8	7.908	859	863	870	rVB2	4741	7839	0.49%	0.054%
9	8.149	897	904	911	rBV2	106021	176395	11.00%	1.216%
10	8.854	1018	1024	1033	rVB2	188728	311867	19.45%	2.150%
11	9.324	1097	1104	1115	rVB	150643	265952	16.59%	1.834%
12	10.047	1221	1227	1235	rVB2	136095	237351	14.80%	1.637%
13	10.276	1259	1266	1271	rBV2	8194	15293	0.95%	0.105%
14	10.593	1313	1320	1333	rVB	189480	334257	20.85%	2.305%
15	10.728	1340	1343	1348	rVB3	1644	2907	0.18%	0.020%
16	10.981	1378	1386	1394	rBV	143926	256614	16.00%	1.769%
17	11.110	1401	1408	1420	rVB	167713	311614	19.43%	2.149%
18	11.756	1514	1518	1523	rBV	1983	2452	0.15%	0.017%
19	11.980	1551	1556	1563	rVB4	1405	2994	0.19%	0.021%
20	12.550	1650	1653	1657	rVB2	2525	3532	0.22%	0.024%
21	13.055	1733	1739	1746	rBV6	8529	15295	0.95%	0.105%
22	13.137	1748	1753	1759	rVB4	5679	9499	0.59%	0.065%
23	13.384	1790	1795	1798	rBV3	10896	14732	0.92%	0.102%
24	13.590	1826	1830	1835	rBV3	4710	6377	0.40%	0.044%
25	13.701	1845	1849	1853	rVB3	2482	3410	0.21%	0.024%
26	14.177	1924	1930	1934	rBV	456278	646017	40.29%	4.454%
27	14.224	1934	1938	1944	rVB	176224	246122	15.35%	1.697%
28	14.400	1965	1968	1975	rBV3	2756	4840	0.30%	0.033%
29	14.483	1975	1982	1988	rBV	420278	656636	40.95%	4.527%
30	14.653	2005	2011	2015	rBV2	18764	24072	1.50%	0.166%
31	14.782	2027	2033	2040	rVB2	272469	439624	27.42%	3.031%
32	14.970	2059	2065	2078	rBV	245854	379764	23.68%	2.618%
33	15.100	2084	2087	2092	rVB4	2346	3368	0.21%	0.023%
34	15.152	2092	2096	2099	rBV3	2328	3150	0.20%	0.022%

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35	15.264	2111	2115	2120	rBV4	4824	7299	0.46%	0.050%
36	15.329	2124	2126	2132	rBV3	3195	5352	0.33%	0.037%
37	15.558	2159	2165	2168	rBV2	5320	7982	0.50%	0.055%
38	15.599	2168	2172	2177	rVB	27482	34274	2.14%	0.236%
39	15.664	2179	2183	2185	rVV2	3069	3389	0.21%	0.023%
40	15.717	2189	2192	2195	rVV4	2422	3052	0.19%	0.021%
41	15.769	2195	2201	2208	rVB	607501	921895	57.49%	6.356%
42	15.881	2214	2220	2229	rBV	249800	369119	23.02%	2.545%
43	16.004	2234	2241	2246	rBV7	13159	23938	1.49%	0.165%
44	16.098	2253	2257	2260	rVB3	3411	4178	0.26%	0.029%
45	16.145	2263	2265	2271	rVB5	3570	5308	0.33%	0.037%
46	16.222	2274	2278	2282	rVB4	4622	6155	0.38%	0.042%
47	16.286	2284	2289	2290	rBV4	2835	4008	0.25%	0.028%
48	16.457	2313	2318	2322	rBV3	26708	41707	2.60%	0.288%
49	16.592	2336	2341	2344	rBV	6819	9391	0.59%	0.065%
50	16.645	2344	2350	2355	rBV4	6903	13512	0.84%	0.093%
51	16.709	2356	2361	2365	rBV6	7935	11959	0.75%	0.082%
52	16.798	2372	2376	2379	rBV4	5760	7861	0.49%	0.054%
53	16.856	2384	2386	2389	rVV3	4219	4740	0.30%	0.033%
54	16.909	2389	2395	2401	rVB6	8605	18715	1.17%	0.129%
55	16.968	2401	2405	2410	rBV3	12090	18305	1.14%	0.126%
56	17.044	2416	2418	2426	rVB4	7740	10156	0.63%	0.070%
57	17.244	2447	2452	2458	rBV3	15197	20726	1.29%	0.143%
58	17.303	2458	2462	2466	rVB5	5493	8027	0.50%	0.055%
59	17.409	2478	2480	2486	rVB5	3733	3742	0.23%	0.026%
60	17.520	2493	2499	2505	rBV2	446673	684625	42.69%	4.720%
61	17.620	2510	2516	2523	rVB	759586	1150597	71.75%	7.933%
62	18.037	2585	2587	2593	rVB3	4223	3509	0.22%	0.024%
63	18.131	2600	2603	2604	rBV2	2583	2468	0.15%	0.017%
64	18.290	2626	2630	2635	rVB6	4015	5825	0.36%	0.040%
65	18.384	2642	2646	2652	rVB5	12949	18096	1.13%	0.125%
66	18.678	2692	2696	2700	rVB6	4170	5422	0.34%	0.037%
67	18.895	2729	2733	2738	rVB2	8378	11892	0.74%	0.082%
68	18.983	2745	2748	2752	rBV4	5792	8254	0.51%	0.057%
69	19.148	2773	2776	2781	rVB3	9871	13976	0.87%	0.096%
70	19.236	2787	2791	2794	rBV	25985	32474	2.03%	0.224%
71	19.295	2797	2801	2808	rVB4	14065	24102	1.50%	0.166%

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72	19.530	2837	2841	2843	rBV5	12646	18293	1.14%	0.126%
73	19.735	2871	2876	2878	rBV5	6015	9402	0.59%	0.065%
74	19.776	2879	2883	2890	rVV2	38507	57467	3.58%	0.396%
75	19.841	2890	2894	2896	rVV2	12819	16877	1.05%	0.116%
76	19.900	2897	2904	2912	rVB	1093435	1580177	98.54%	10.895%
77	20.223	2957	2959	2961	rBV3	5306	5796	0.36%	0.040%
78	20.299	2969	2972	2977	rBV2	21489	28822	1.80%	0.199%
79	20.358	2978	2982	2986	rVB6	9942	16636	1.04%	0.115%
80	20.781	3050	3054	3058	rVB	32307	41442	2.58%	0.286%
81	20.993	3087	3090	3094	rBV	22278	23188	1.45%	0.160%
82	21.040	3095	3098	3102	rVB	39250	46925	2.93%	0.324%
83	21.110	3107	3110	3114	rVB3	17741	21014	1.31%	0.145%
84	21.398	3154	3159	3167	rBV2	39488	63355	3.95%	0.437%
85	21.551	3182	3185	3190	rVB2	14567	20776	1.30%	0.143%
86	21.627	3195	3198	3202	rBV6	4848	7809	0.49%	0.054%
87	21.792	3219	3226	3233	rBV	604105	966894	60.30%	6.667%
88	21.915	3245	3247	3249	rBV2	3073	2549	0.16%	0.018%
89	22.579	3356	3360	3361	rBV2	6943	7851	0.49%	0.054%
90	23.290	3477	3481	3486	rVB6	9589	16567	1.03%	0.114%
91	23.484	3510	3514	3522	rBV5	10585	21600	1.35%	0.149%
92	24.118	3617	3622	3630	rVB5	13676	29883	1.86%	0.206%
93	24.418	3665	3673	3678	rVB6	13000	32126	2.00%	0.222%
94	24.888	3741	3753	3763	rBV	579664	1603533	100.00%	11.056%
95	25.111	3780	3791	3804	rVB2	333879	971607	60.59%	6.699%
96	26.263	3979	3987	3997	rVB5	15798	46235	2.88%	0.319%
97	27.655	4217	4224	4225	rBV4	15196	25324	1.58%	0.175%
98	28.989	4449	4451	4453	rBV2	3057	2267	0.14%	0.016%
99	29.342	4505	4511	4512	rBV6	9123	15777	0.98%	0.109%
100	29.512	4538	4540	4542	rBV3	4205	3380	0.21%	0.023%

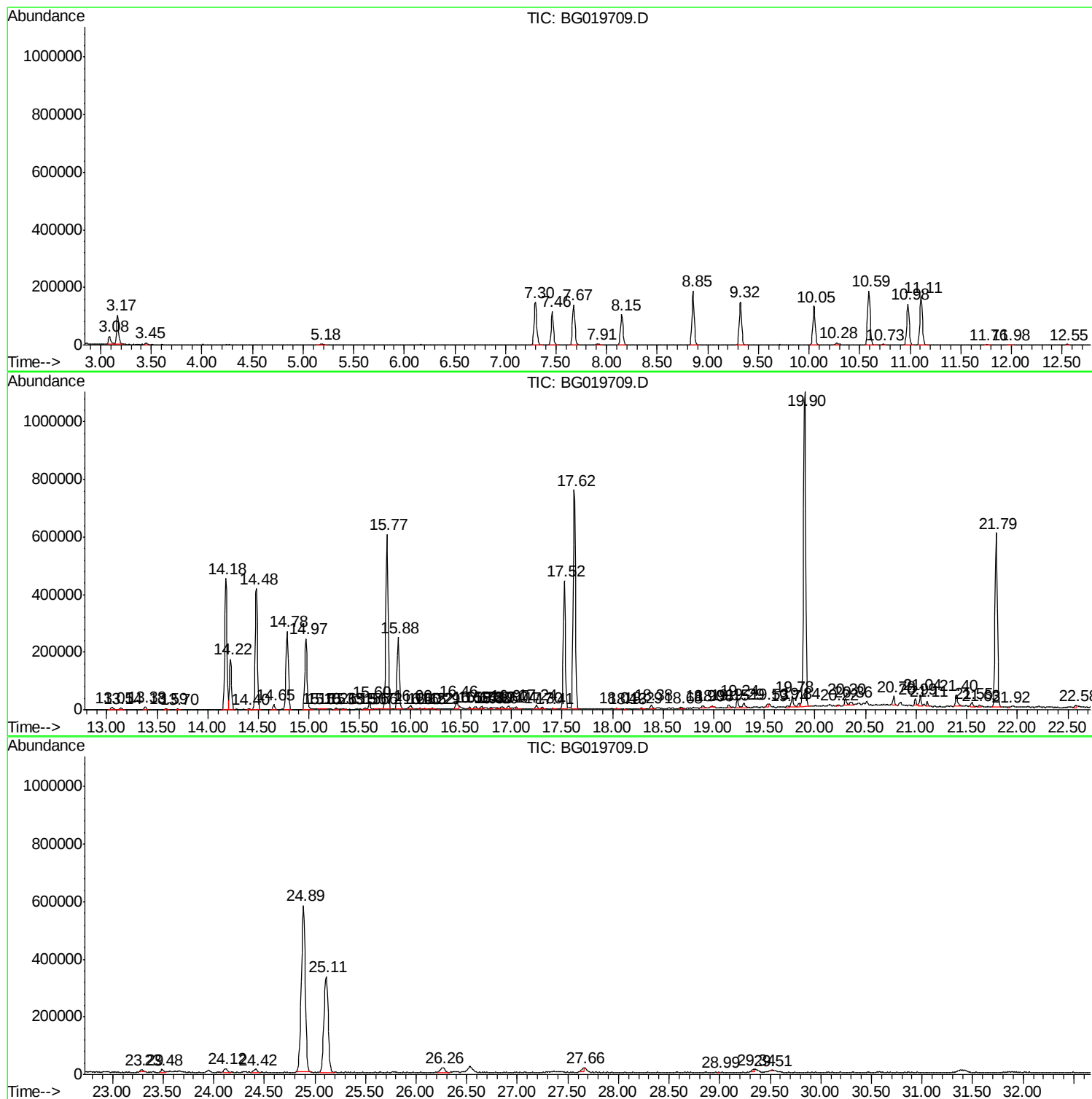
Sum of corrected areas: 14503465

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



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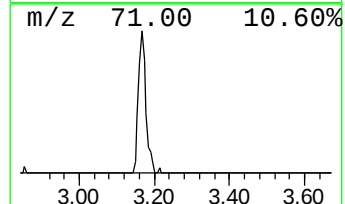
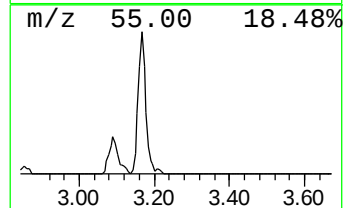
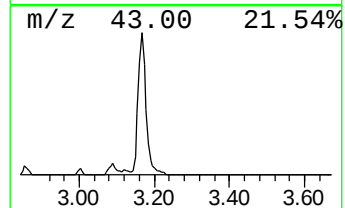
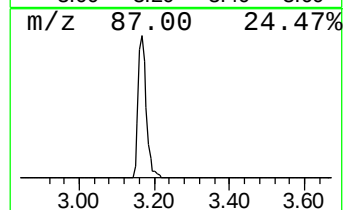
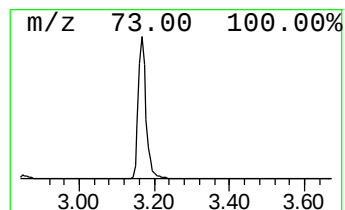
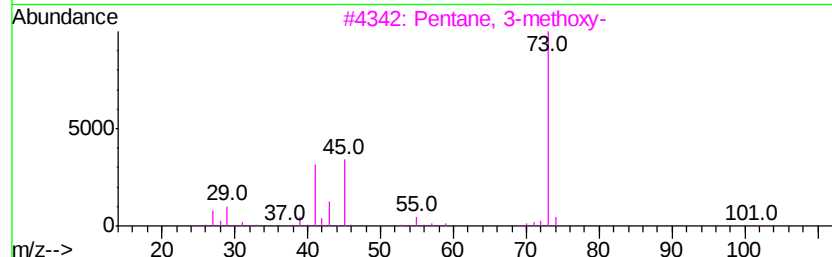
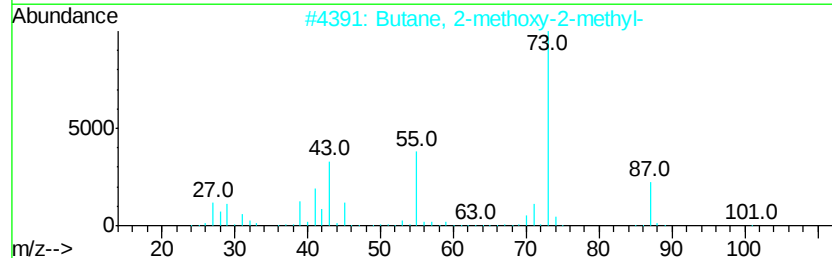
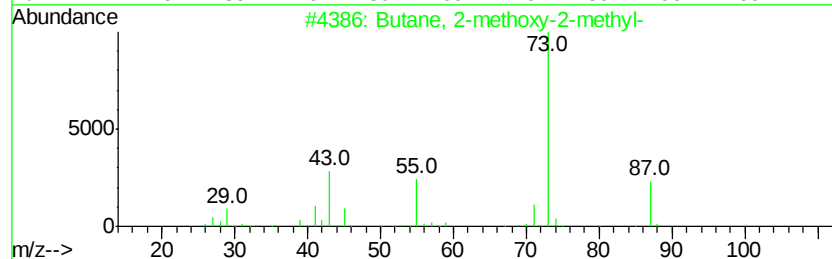
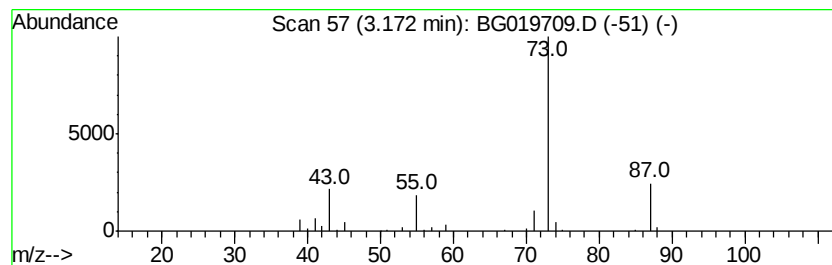
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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	16.09 ng/ul	141938	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	16.1	ng/ul	141938	1	8.15	176395	20.0