LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042101.D
Acq On : 9 Aug 2019 14:00
Operator : HP/JU
Sample : K4041-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.149	5	10	32	rVB	1391089	2274724	100.00%	14.201%
2	3.407	52	54	61	rVB3	7115	11279	0.50%	0.070%
3	3.689	98	102	112	rBV	23809	45286	1.99%	0.283%
4	4.077	163	168	177	rVB2	10705	18444	0.81%	0.115%
5	4.171	181	184	189	rBV4	2803	4567	0.20%	0.029%
6	5.093	338	341	345	rBV4	3921	5027	0.22%	0.031%
7	7.185	689	697	713	rBV2	133454	292033	12.84%	1.823%
8	7.344	717	724	736	rBV	105923	191290	8.41%	1.194%
9	7.555	754	760	771	rBV	160406	282352	12.41%	1.763%
10	8.025	832	840	848	rBV	216983	375716	16.52%	2.346%
11	8.736	954	961	973	rBV	155854	300334	13.20%	1.875%
12	9.195	1031	1039	1049	rBV	143069	266477	11.71%	1.664%
13	9.923	1155	1163	1173	rBV	128810	236982	10.42%	1.479%
14	10.470	1249	1256	1270	rBV	196505	385197	16.93%	2.405%
15	10.687	1289	1293	1298	rBV4	1328	2600	0.11%	0.016%
16	10.851	1312	1321	1333	rBV	307562	556038	24.44%	3.471%
17	10.981	1335	1343	1362	rBV	157962	327366	14.39%	2.044%
18	12.444	1587	1592	1600	rBV2	3454	6260	0.28%	0.039%
19	13.302	1734	1738	1741	rBV4	1982	2738	0.12%	0.017%
20	13.578	1781	1785	1790	rVV2	3743	5021	0.22%	0.031%
21	14.089	1865	1872	1876	rBV	380993	570984	25.10%	3.565%
22	14.136	1876	1880	1887	rVB	105815	162417	7.14%	1.014%
23	14.383	1909	1922	1934	rBV	448511	732654	32.21%	4.574%
24	14.688	1967	1974	1985	rBV	512620	819916	36.04%	5.119%
25	14.888	2002	2008	2023	rBV3	56438	140313	6.17%	0.876%
26	15.099	2038	2044	2051	rVB4	10929	19103	0.84%	0.119%
27	15.487	2106	2110	2115	rBV4	2683	5275	0.23%	0.033%
28	15.540	2115	2119	2122	rVB3	1983	2533	0.11%	0.016%
29	15.681	2136	2143	2157	rBV	612211	916276	40.28%	5.720%
30	15.799	2157	2163	2171	rBV	115303	182270	8.01%	1.138%
31	15.922	2180	2184	2192	rVB2	5735	10197	0.45%	0.064%
32	16.398	2257	2265	2272	rBV7	2968	9688	0.43%	0.060%
33	16.468	2274	2277	2280	rVB2	2642	2901	0.13%	0.018%
34	16.568	2291	2294	2301	rBV4	1357	3248	0.14%	0.020%

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Title : SVOA CALIBRATION

35	17.197	2398	2401	2404	rBV2	2247	3757	0.17%	0.023%
36	17.356	2424	2428	2432	rBV5	3768	5380	0.24%	0.034%
37	17.438	2436	2442	2453	rVV2	616861	979866	43.08%	6.117%
38	17.538	2453	2459	2472	rVV2	619667	970553	42.67%	6.059%
39	17.632	2472	2475	2478	rVB5	3068	2937	0.13%	0.018%
40	17.814	2501	2506	2507	rBV2	2617	3274	0.14%	0.020%
41	18.172	2564	2567	2570	rVB4	2770	3121	0.14%	0.019%
42	18.337	2589	2595	2601	rBV6	12245	26922	1.18%	0.168%
43	18.401	2603	2606	2612	rVB3	4161	6202	0.27%	0.039%
44	18.636	2641	2646	2647	rBV5	4076	6561	0.29%	0.041%
45	18.672	2649	2652	2661	rVB7	5639	11528	0.51%	0.072%
46	19.189	2738	2740	2741	rBV2	3317	2391	0.11%	0.015%
47	19.259	2750	2752	2755	rBV3	5538	5968	0.26%	0.037%
48	19.465	2781	2787	2789	rBV2	11030	19113	0.84%	0.119%
49	19.594	2806	2809	2813	rBV5	5653	8228	0.36%	0.051%
50	19.712	2825	2829	2834	rBV	8133	15510	0.68%	0.097%
51	19.829	2843	2849	2863	rBV	812859	1203979	52.93%	7.517%
52	20.863	3021	3025	3028	rBV5	12054	16007	0.70%	0.100%
53	21.369	3107	3111	3120	rVB2	56537	101002	4.44%	0.631%
54	21.721	3165	3171	3179	rBV	642242	1103135	48.50%	6.887%
55	24.077	3570	3572	3579	rVB5	33603	63862	2.81%	0.399%
56	24.770	3681	3690	3701	rVB	432771	1183868	52.04%	7.391%
57	24.994	3719	3728	3737	rBV	393148	1107047	48.67%	6.911%

Sum of corrected areas: 16017717

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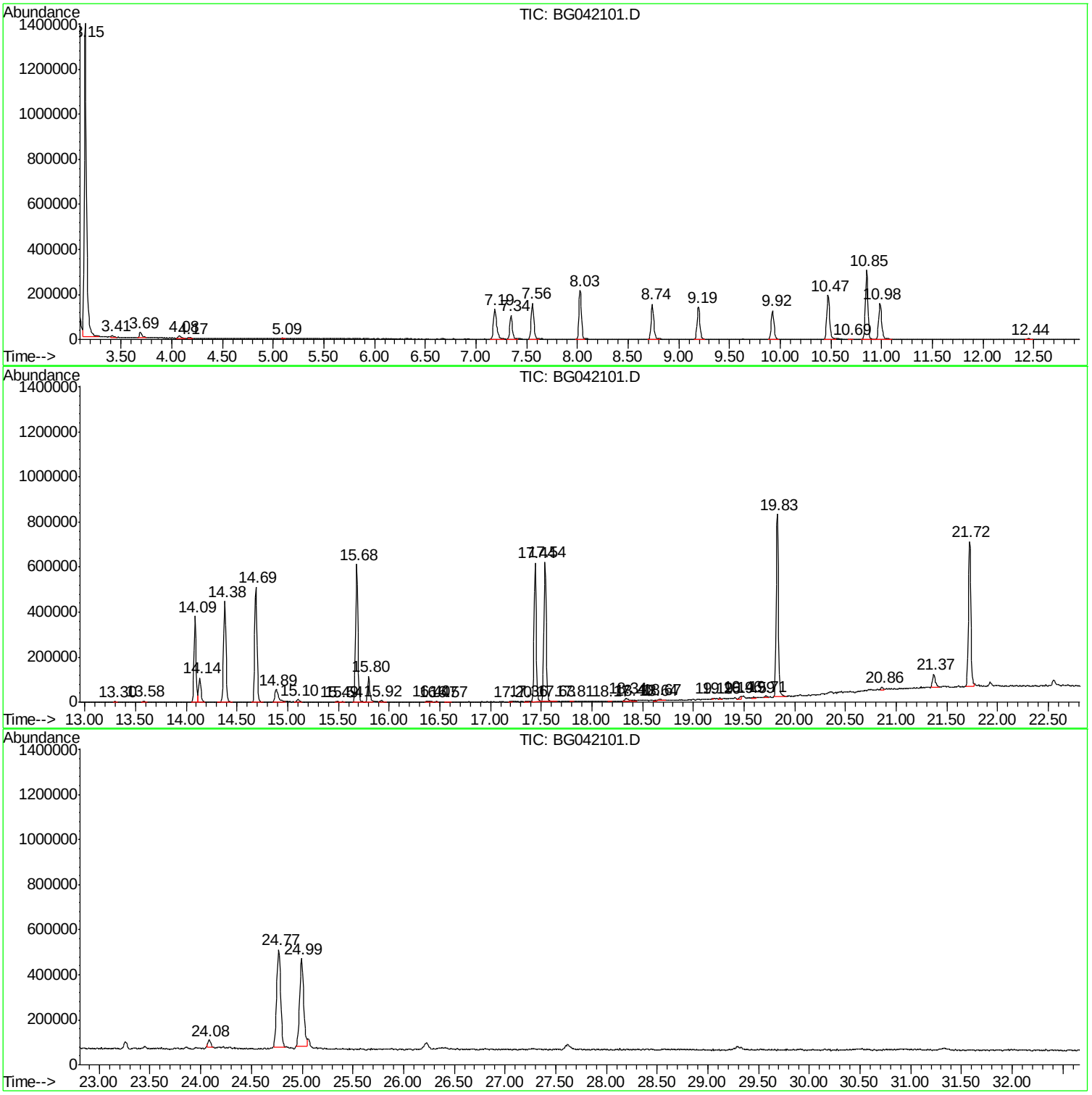
Instrument : BNA_G
ClientSampleId : BENT1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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ALS Vial : 31 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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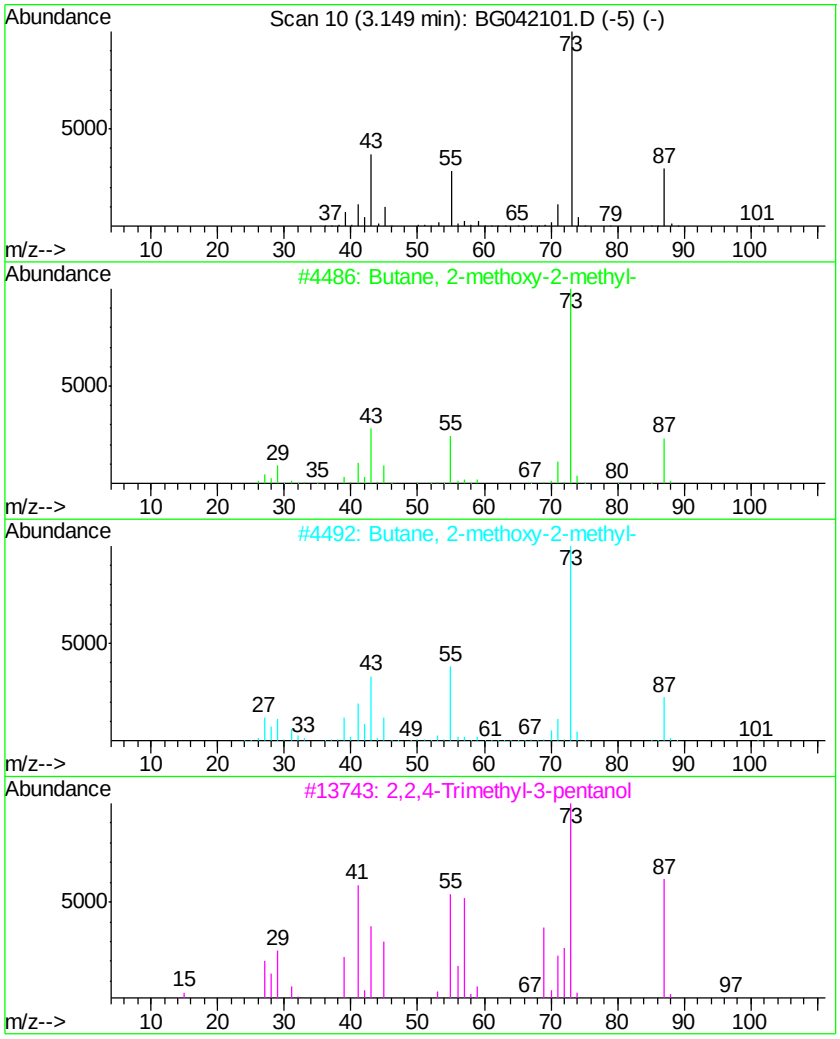
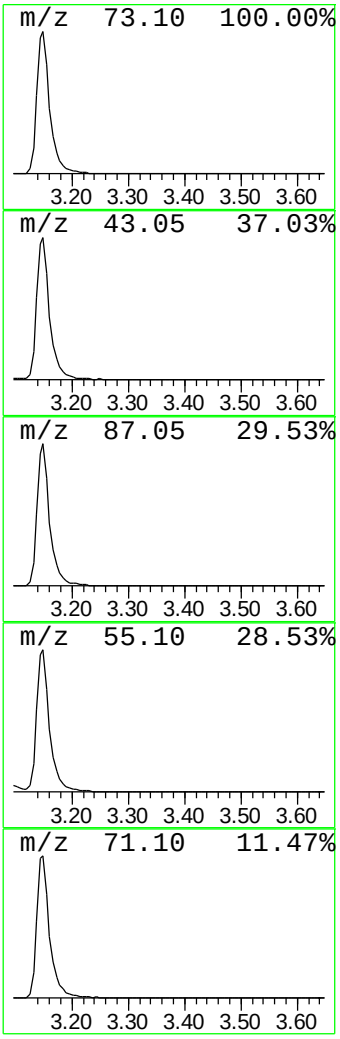
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	121.09 ng/ul	2274720	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Instrument : BNA_G
ClientSampleId : BENT1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

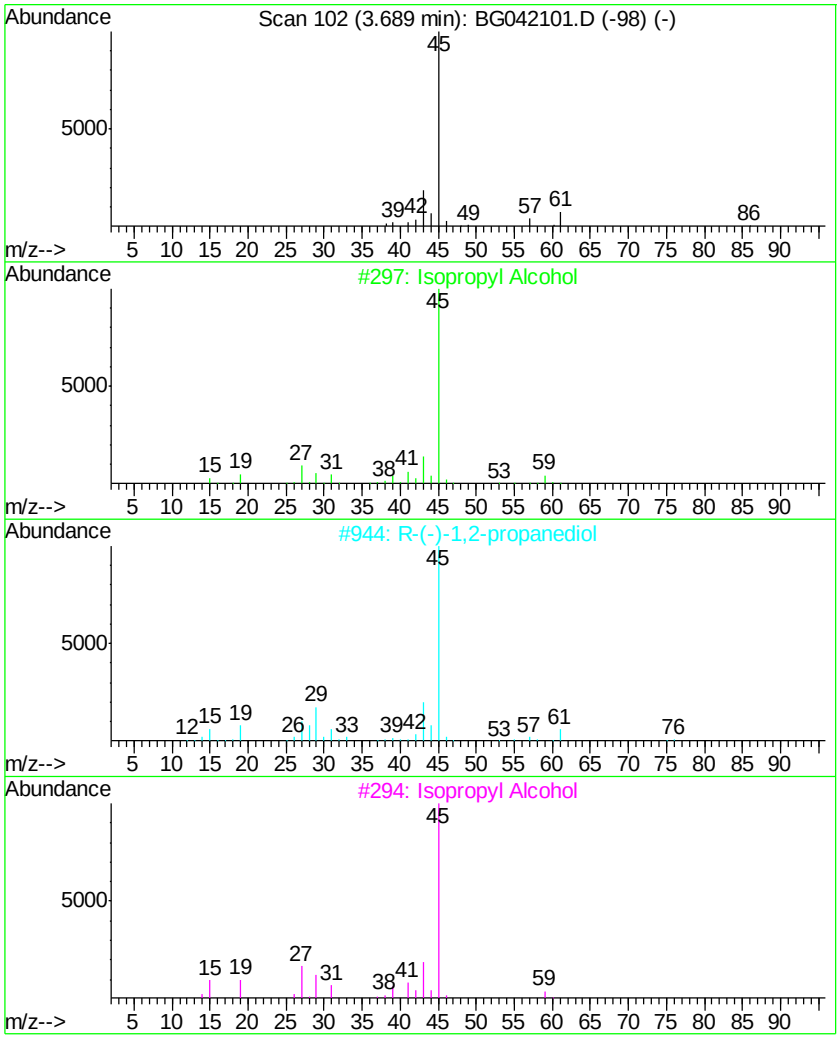
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

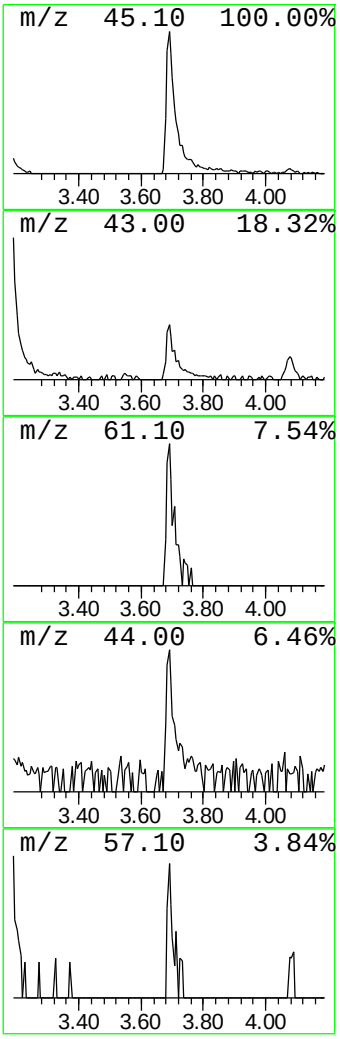
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	2.41 ng/ul	45286	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	2-Butanol	74	C4H10O	000078-92-2	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	121.1	ng/ul	2274720	1	8.03	375716	20.0
Isopropyl Alcohol	3.69	2.4	ng/ul	45286	1	8.03	375716	20.0