LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018840.D
Acq On : 23 Sep 2015 6:03
Operator : UM/NP
Sample : G3758-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB7

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:\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	2.885	3	8	18	rVB	97426	140304	4.67%	1.143%
2	3.102	40	45	53	rBV	79176	152251	5.06%	1.240%
3	3.179	53	58	76	rVB	2052288	3006029	100.00%	24.488%
4	3.443	99	103	108	rVB4	3462	5602	0.19%	0.046%
5	3.960	187	191	196	rVB	6480	7995	0.27%	0.065%
6	4.089	206	213	218	rBV6	3632	7376	0.25%	0.060%
7	4.283	243	246	251	rVB6	2221	3656	0.12%	0.030%
8	4.553	286	292	300	rVB7	4451	8575	0.29%	0.070%
9	5.100	378	385	393	rVB3	7144	15752	0.52%	0.128%
10	7.162	727	736	747	rBV	73576	136320	4.53%	1.110%
11	7.321	757	763	772	rBV	62325	102251	3.40%	0.833%
12	7.532	792	799	806	rBV	73396	121496	4.04%	0.990%
13	7.803	840	845	850	rBV2	3755	5199	0.17%	0.042%
14	7.997	872	878	886	rBV	191346	323879	10.77%	2.638%
15	8.702	991	998	1008	rBV2	69228	123610	4.11%	1.007%
16	8.819	1011	1018	1024	rBV	37207	64527	2.15%	0.526%
17	8.948	1035	1040	1046	rBV4	2062	4881	0.16%	0.040%
18	9.154	1067	1075	1084	rBV	67071	120671	4.01%	0.983%
19	9.571	1143	1146	1150	rVB4	3337	4684	0.16%	0.038%
20	9.877	1191	1198	1206	rBV	52533	95099	3.16%	0.775%
21	10.235	1254	1259	1266	rVB3	5398	9227	0.31%	0.075%
22	10.423	1284	1291	1299	rBV2	96247	169084	5.62%	1.377%
23	10.799	1348	1355	1366	rVB	287042	517790	17.23%	4.218%
24	10.934	1372	1378	1388	rVV2	66516	121666	4.05%	0.991%
25	11.328	1443	1445	1450	rVB4	3173	4043	0.13%	0.033%
26	11.616	1492	1494	1499	rBV4	2233	3728	0.12%	0.030%
27	12.979	1724	1726	1731	rVB3	4517	5057	0.17%	0.041%
28	13.226	1764	1768	1773	rBV2	5344	9012	0.30%	0.073%
29	14.025	1896	1904	1908	rBV	202678	286829	9.54%	2.337%
30	14.072	1908	1912	1923	rVB	127515	187909	6.25%	1.531%
31	14.154	1923	1926	1930	rBV4	2993	4439	0.15%	0.036%
32	14.272	1942	1946	1948	rVV3	2774	4353	0.14%	0.035%
33	14.319	1948	1954	1961	rVB	229071	358742	11.93%	2.922%
34	14.460	1975	1978	1982	rBV5	2539	3382	0.11%	0.028%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : JHAB7

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

35	14.512	1982	1987	1992	rVB5	8046	10782	0.36%	0.088%
36	14.624	1997	2006	2015	rVV2	514708	824192	27.42%	6.714%
37	14.700	2018	2019	2022	rBV3	2700	3314	0.11%	0.027%
38	14.747	2026	2027	2030	rBV3	3647	3344	0.11%	0.027%
39	14.830	2036	2041	2052	rBV	50112	101857	3.39%	0.830%
40	14.971	2064	2065	2069	rVB4	4006	3180	0.11%	0.026%
41	15.035	2074	2076	2080	rVB5	5380	5789	0.19%	0.047%
42	15.282	2115	2118	2120	rBV4	3699	4065	0.14%	0.033%
43	15.411	2137	2140	2144	rBV5	6538	10837	0.36%	0.088%
44	15.464	2146	2149	2153	rVV2	12147	13197	0.44%	0.108%
45	15.523	2156	2159	2163	rVB6	2896	4420	0.15%	0.036%
46	15.611	2168	2174	2180	rBV	309532	472397	15.71%	3.848%
47	15.729	2190	2194	2199	rBV2	23713	36895	1.23%	0.301%
48	15.864	2211	2217	2221	rBV8	8176	13129	0.44%	0.107%
49	16.322	2292	2295	2297	rBV3	17908	18931	0.63%	0.154%
50	16.398	2305	2308	2312	rBV6	5402	6832	0.23%	0.056%
51	16.504	2323	2326	2327	rBV3	5416	3711	0.12%	0.030%
52	16.851	2384	2385	2389	rBV4	5860	7645	0.25%	0.062%
53	17.109	2428	2429	2434	rVB4	11703	12406	0.41%	0.101%
54	17.156	2434	2437	2443	rVB8	11145	18634	0.62%	0.152%
55	17.244	2450	2452	2453	rBV2	5387	3049	0.10%	0.025%
56	17.368	2466	2473	2479	rBV2	667797	1011185	33.64%	8.237%
57	17.462	2484	2489	2497	rVB	321276	489478	16.28%	3.987%
58	19.747	2873	2878	2887	rBV2	368427	542823	18.06%	4.422%
59	21.628	3192	3198	3205	rVB	726453	1169397	38.90%	9.526%
60	24.818	3734	3741	3755	rVB2	467787	1348799	44.87%	10.988%

Sum of corrected areas: 12275706

LSC Report - Integrated Chromatogram

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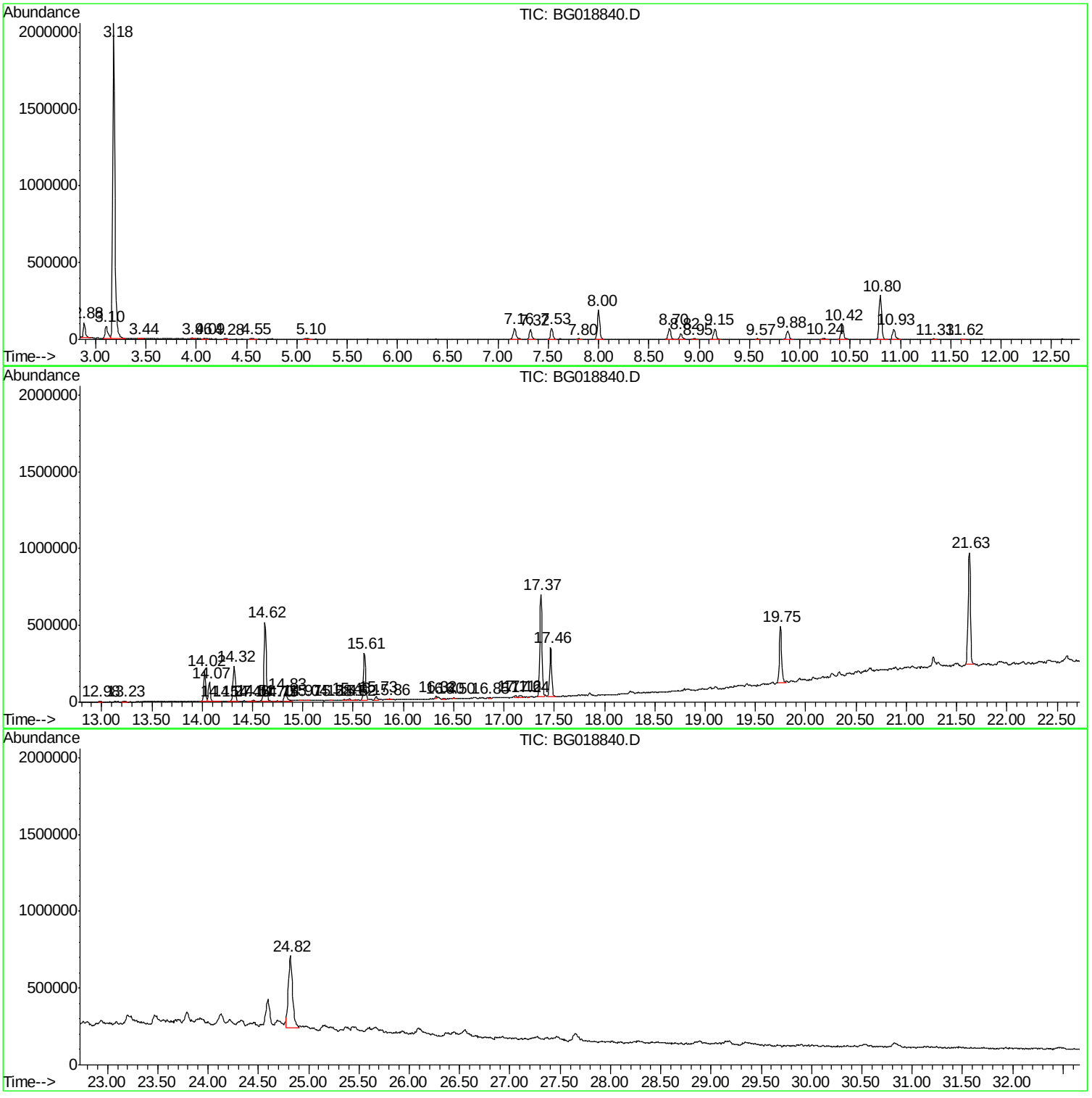
Operator : UM/NP
Sample : G3758-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB7

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018840.D
Acq On : 23 Sep 2015 6:03
Operator : UM/NP
Sample : G3758-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB7

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

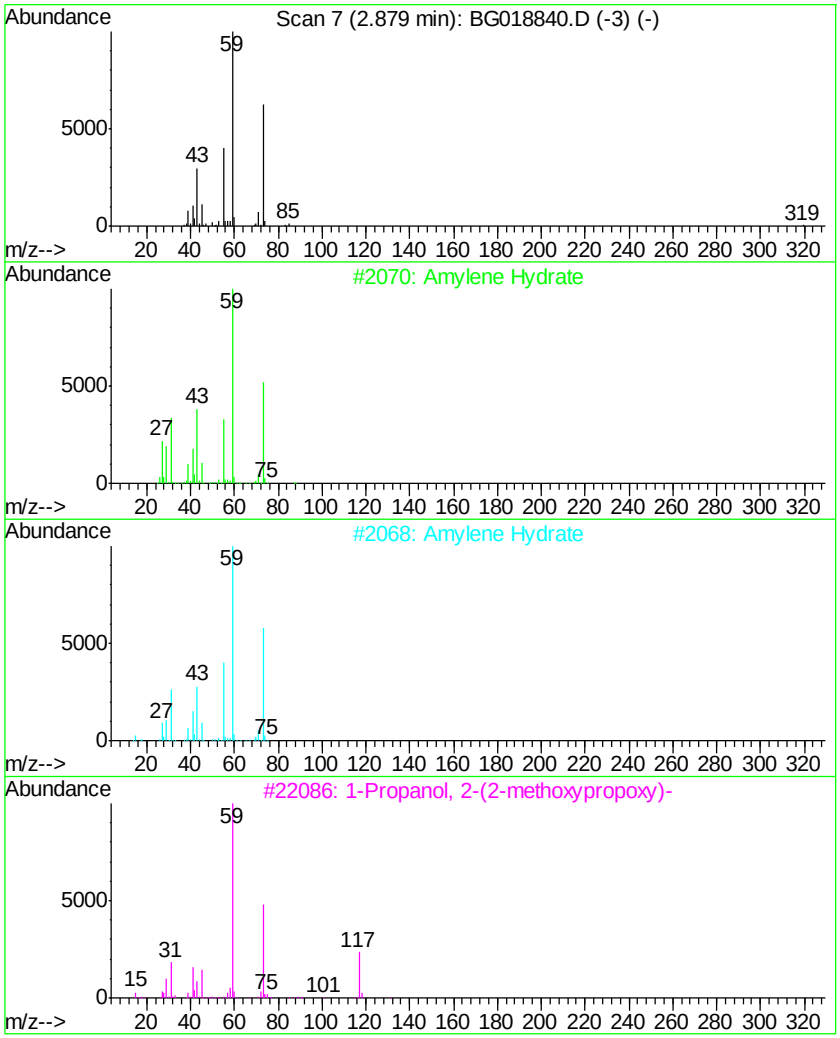
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

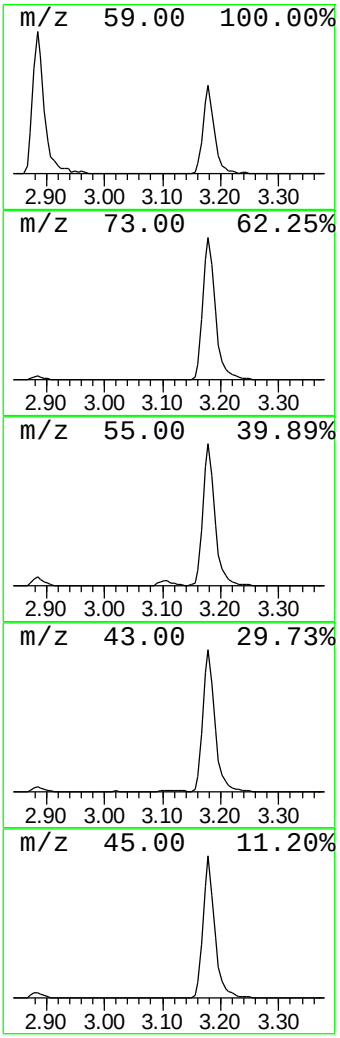
****

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	8.66 ng/ul	140304	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	78
2	Amylene Hydrate	88	C5H12O	000075-85-4	78
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50
4	Amylene Hydrate	88	C5H12O	000075-85-4	38
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	36





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Sample : G3758-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB7

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

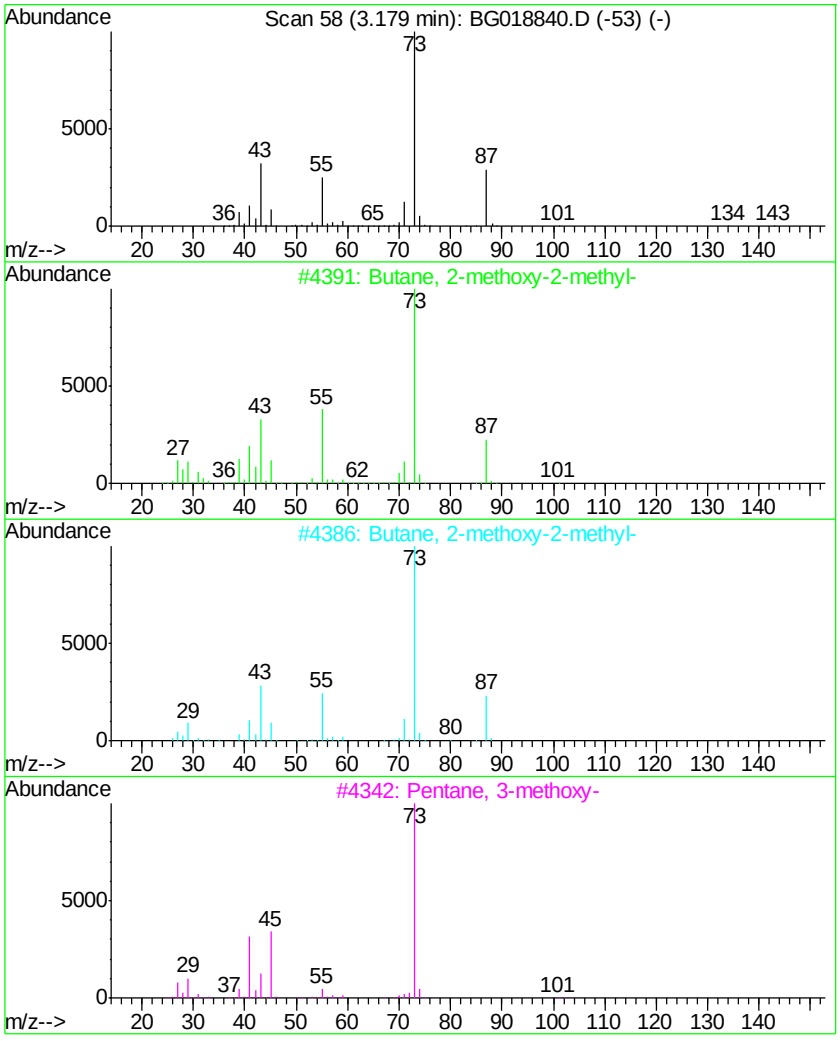
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

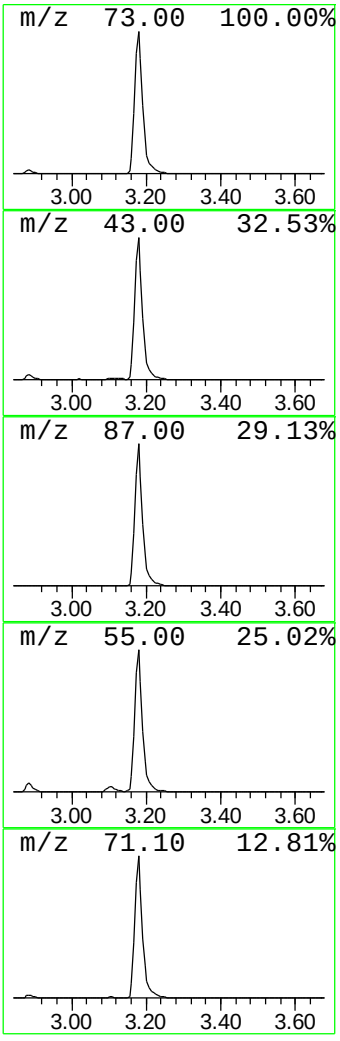
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	185.63 ng/ul	3006030	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
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Sample : G3758-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB7

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene Hydrate	2.88	8.7	ng/ul	140304	1	8.00	323879	20.0
Butane, 2-methoxy...	3.18	185.6	ng/ul	3006030	1	8.00	323879	20.0