LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
Data File : BG018574.D
Acq On : 1 Sep 2015 22:44
Operator : UM/IZ
Sample : G3477-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

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-BG080915.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	2.892	6	9	18	rVB	56939	77319	2.18%	0.239%
2	3.109	41	46	53	rBV	152492	259114	7.30%	0.801%
3	3.185	54	59	72	rVB	1645386	2296124	64.67%	7.100%
4	3.444	99	103	105	rBV5	9493	13604	0.38%	0.042%
5	4.302	246	249	253	rVB5	5330	7109	0.20%	0.022%
6	5.424	438	440	444	rVB5	4466	5719	0.16%	0.018%
7	5.653	476	479	482	rBV5	3640	5805	0.16%	0.018%
8	5.694	482	486	494	rVB6	3965	10821	0.30%	0.033%
9	6.429	609	611	613	rBV3	5687	4930	0.14%	0.015%
10	7.163	728	736	743	rBV	89046	155944	4.39%	0.482%
11	7.333	758	765	773	rBV	325160	537778	15.15%	1.663%
12	7.539	793	800	810	rVB	318719	532084	14.99%	1.645%
13	7.651	817	819	825	rVB6	4736	5904	0.17%	0.018%
14	7.944	865	869	871	rBV3	4463	5891	0.17%	0.018%
15	8.009	873	880	888	rVV	301129	516722	14.55%	1.598%
16	8.708	990	999	1006	rBV2	252936	447896	12.61%	1.385%
17	9.166	1070	1077	1085	rBV	364789	658701	18.55%	2.037%
18	9.584	1143	1148	1149	rBV4	5821	7417	0.21%	0.023%
19	9.889	1192	1200	1209	rBV	306985	552953	15.57%	1.710%
20	10.060	1226	1229	1232	rVB3	4105	5100	0.14%	0.016%
21	10.430	1285	1292	1302	rBV	495307	866184	24.40%	2.678%
22	10.812	1349	1357	1366	rVB	459768	804005	22.64%	2.486%
23	10.941	1373	1379	1385	rBV2	13391	26656	0.75%	0.082%
24	13.103	1745	1747	1750	rVB3	4965	4737	0.13%	0.015%
25	13.226	1765	1768	1770	rBV3	5215	5647	0.16%	0.017%
26	13.526	1817	1819	1824	rVB4	5948	4791	0.13%	0.015%
27	14.037	1900	1906	1912	rBV	1145520	1599918	45.06%	4.947%
28	14.325	1949	1955	1963	rVB	1194900	1868067	52.61%	5.776%
29	14.637	2000	2008	2016	rBV2	812848	1291714	36.38%	3.994%
30	14.719	2020	2022	2028	rVB4	3142	5162	0.15%	0.016%
31	14.825	2034	2040	2049	rBV	99707	188693	5.31%	0.583%
32	15.042	2074	2077	2079	rBV4	4627	6033	0.17%	0.019%
33	15.365	2128	2132	2135	rBV4	7522	10577	0.30%	0.033%
34	15.547	2160	2163	2168	rBV6	3598	5744	0.16%	0.018%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	15.624	2168	2176	2183	rBV	1691177	2528189	71.20%	7.817%
36	15.735	2189	2195	2206	rBV	494521	754477	21.25%	2.333%
37	15.865	2213	2217	2221	rVB3	23883	29017	0.82%	0.090%
38	16.188	2269	2272	2277	rBV5	3736	7988	0.22%	0.025%
39	16.399	2306	2308	2311	rBV4	4996	4818	0.14%	0.015%
40	16.493	2322	2324	2328	rVB4	5528	6351	0.18%	0.020%
41	17.151	2434	2436	2438	rBV3	5000	5961	0.17%	0.018%
42	17.375	2468	2474	2484	rVB2	1210430	1828828	51.51%	5.655%
43	17.474	2484	2491	2500	rBV	2011236	2997312	84.42%	9.268%
44	17.745	2534	2537	2541	rVB4	4851	5857	0.16%	0.018%
45	18.256	2619	2624	2628	rBV7	19052	34323	0.97%	0.106%
46	18.379	2643	2645	2648	rVB4	5876	6103	0.17%	0.019%
47	18.409	2648	2650	2651	rBV2	6158	4930	0.14%	0.015%
48	18.943	2738	2741	2742	rBV3	5074	5253	0.15%	0.016%
49	19.648	2857	2861	2866	rVB3	24485	36586	1.03%	0.113%
50	19.760	2873	2880	2888	rBV	2460569	3550591	100.00%	10.979%
51	20.859	3065	3067	3070	rBV4	13116	11779	0.33%	0.036%
52	21.634	3192	3199	3206	rBV	1311984	2176095	61.29%	6.729%
53	24.613	3695	3706	3718	rVB	1244559	3454069	97.28%	10.680%
54	24.825	3733	3742	3754	rVB3	738317	2097096	59.06%	6.484%

Sum of corrected areas: 32340486

LSC Report - Integrated Chromatogram

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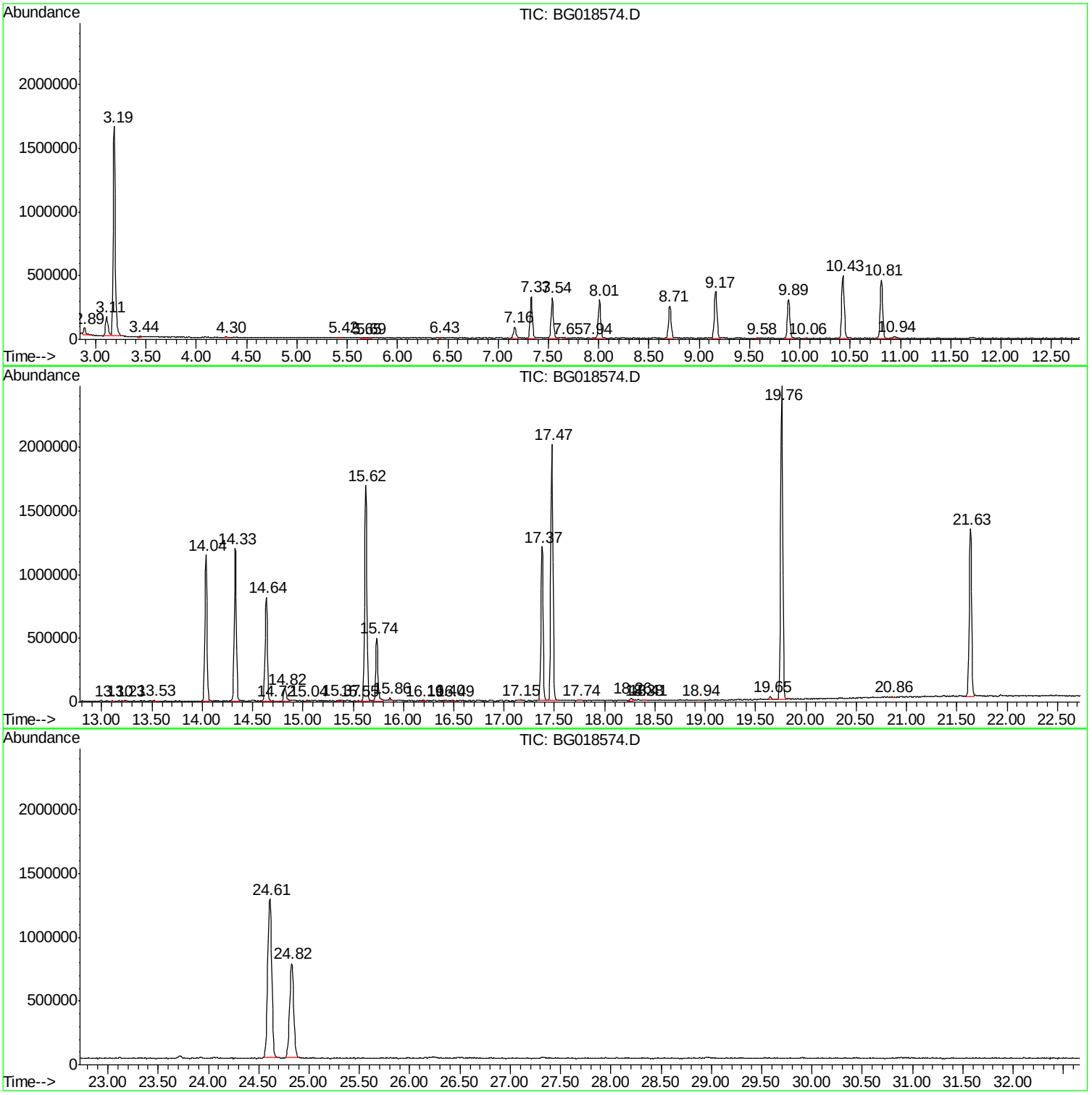
Instrument : BNA_G
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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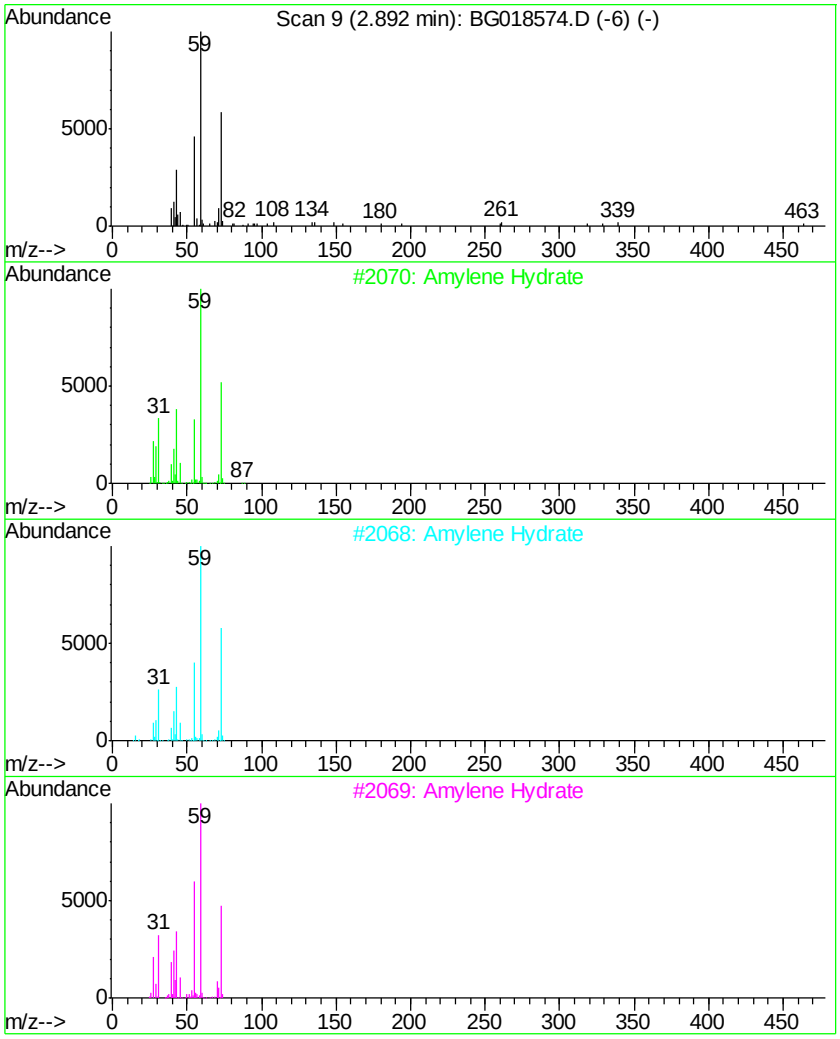
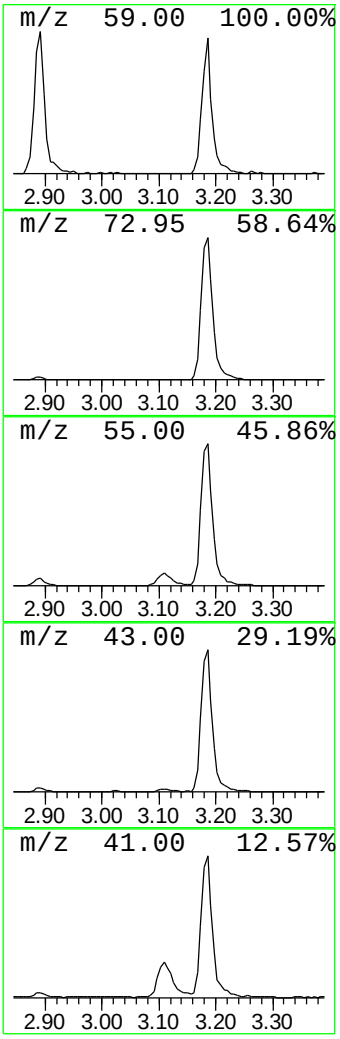
Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.99 ng/ul	77319	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	72
2	Amylene Hydrate	88	C5H12O	000075-85-4	72
3	Amylene Hydrate	88	C5H12O	000075-85-4	56
4	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	53
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	38





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Quant Title : SVOA CALIBRATION

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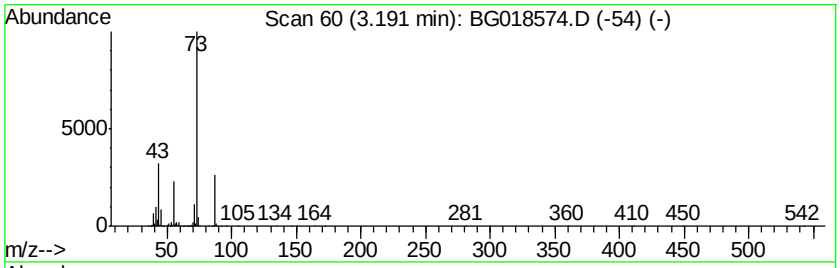
TIC Integration Parameters: LSCINT.P

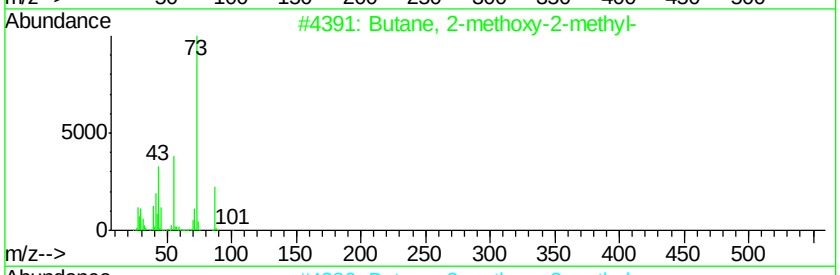
****

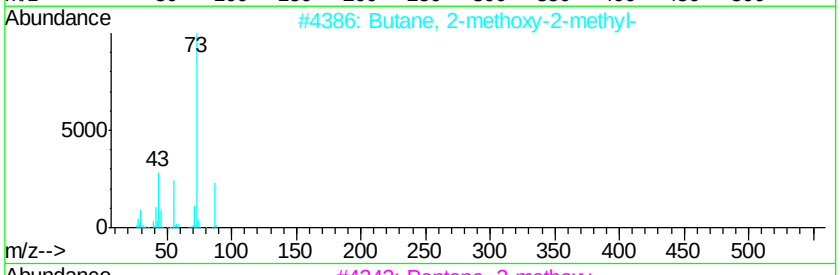
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

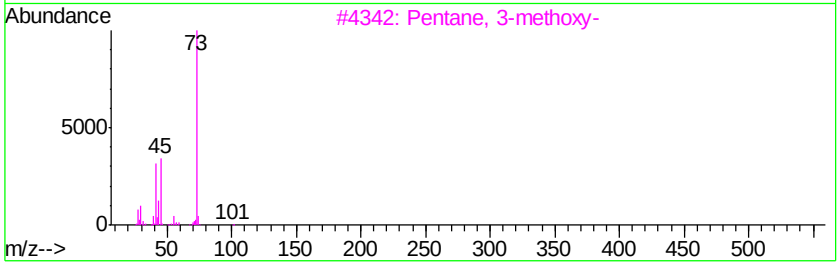
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	88.87 ng/ul	2296120	1,4-Dichlorobenzene-d4	8.01

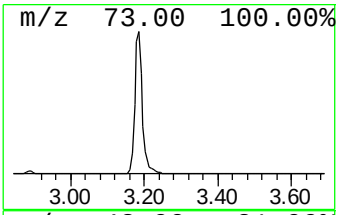
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

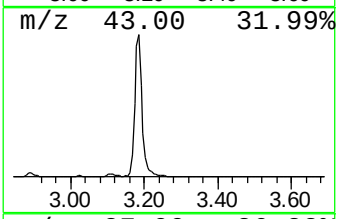


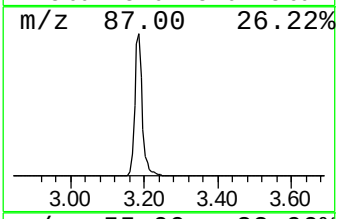


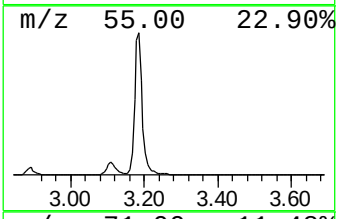


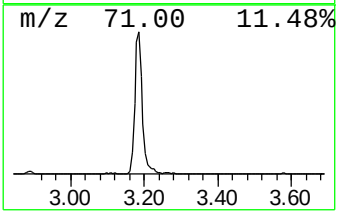












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene Hydrate	2.89	3.0	ng/ul	77319	1	8.01	516722	20.0
Butane, 2-methoxy...	3.19	88.9	ng/ul	2296120	1	8.01	516722	20.0