LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
Data File : BG018579.D
Acq On : 2 Sep 2015 1:55
Operator : UM/IZ
Sample : G3477-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD8

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	2.890	5	9	14	rVB	62558	79657	2.30%	0.250%
2	3.113	41	47	53	rBV	141672	257050	7.42%	0.808%
3	3.184	54	59	77	rVB	1674663	2306514	66.62%	7.252%
4	3.437	100	102	106	rBV4	7023	8847	0.26%	0.028%
5	3.572	123	125	128	rBV4	4999	5354	0.15%	0.017%
6	3.836	165	170	173	rBV6	3094	5522	0.16%	0.017%
7	4.101	208	215	216	rBV6	3971	7846	0.23%	0.025%
8	4.441	269	273	274	rBV3	5808	6718	0.19%	0.021%
9	6.016	538	541	542	rBV3	5038	4746	0.14%	0.015%
10	6.656	645	650	652	rVB4	3555	6145	0.18%	0.019%
11	6.803	669	675	677	rBV4	3760	7525	0.22%	0.024%
12	7.003	704	709	712	rBV5	3722	6570	0.19%	0.021%
13	7.168	726	737	745	rBV2	97093	163988	4.74%	0.516%
14	7.332	757	765	776	rBV	312521	525358	15.17%	1.652%
15	7.414	776	779	784	rVB5	5193	7906	0.23%	0.025%
16	7.538	794	800	808	rBV	313584	527963	15.25%	1.660%
17	7.896	856	861	866	rVB6	3930	5683	0.16%	0.018%
18	8.008	873	880	890	rVB	313560	532190	15.37%	1.673%
19	8.243	916	920	924	rBV6	6537	9617	0.28%	0.030%
20	8.707	991	999	1011	rBV	270369	481611	13.91%	1.514%
21	8.860	1020	1025	1028	rVB6	2740	5145	0.15%	0.016%
22	9.165	1069	1077	1086	rBV	372340	648754	18.74%	2.040%
23	9.271	1094	1095	1100	rVB3	5408	6159	0.18%	0.019%
24	9.494	1131	1133	1136	rVB3	3736	4895	0.14%	0.015%
25	9.888	1192	1200	1208	rBV	297125	537825	15.53%	1.691%
26	10.428	1282	1292	1300	rBV	473556	849871	24.55%	2.672%
27	10.810	1350	1357	1366	rVB	453828	791227	22.85%	2.488%
28	10.940	1371	1379	1384	rBV4	15586	32060	0.93%	0.101%
29	11.750	1514	1517	1521	rVB5	3490	5065	0.15%	0.016%
30	13.519	1816	1818	1825	rBV6	6809	10187	0.29%	0.032%
31	14.036	1898	1906	1913	rBV	1058948	1550946	44.79%	4.876%
32	14.324	1949	1955	1964	rBV	1144283	1810551	52.29%	5.692%
33	14.635	2000	2008	2015	rBV2	772205	1249406	36.08%	3.928%
34	14.817	2033	2039	2047	rBV	108234	198530	5.73%	0.624%

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Smoothing : OFF Filtering: 5
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	15.387	2135	2136	2141	rBV4	4509	5770	0.17%	0.018%
36	15.622	2168	2176	2185	rBV	1607875	2423143	69.98%	7.618%
37	15.734	2189	2195	2204	rBV	486140	719736	20.79%	2.263%
38	15.863	2213	2217	2221	rBV5	17412	25626	0.74%	0.081%
39	16.398	2306	2308	2312	rVB3	4371	5151	0.15%	0.016%
40	16.909	2392	2395	2399	rBV4	5905	7056	0.20%	0.022%
41	17.373	2468	2474	2483	rBV2	1175472	1788314	51.65%	5.622%
42	17.473	2485	2491	2498	rBV	1926532	2893366	83.56%	9.097%
43	17.755	2536	2539	2543	rVB6	6199	7853	0.23%	0.025%
44	18.031	2585	2586	2592	rVB6	7747	10305	0.30%	0.032%
45	18.260	2621	2625	2630	rBV7	14743	27009	0.78%	0.085%
46	18.331	2635	2637	2641	rVB4	5045	5926	0.17%	0.019%
47	18.801	2716	2717	2721	rBV4	5097	5005	0.14%	0.016%
48	19.271	2793	2797	2799	rBV4	5117	5095	0.15%	0.016%
49	19.318	2804	2805	2810	rVB5	8332	10972	0.32%	0.034%
50	19.641	2858	2860	2865	rVB	23052	29885	0.86%	0.094%
51	19.759	2873	2880	2887	rBV	2470635	3462449	100.00%	10.886%
52	21.633	3193	3199	3207	rVB	1346080	2141201	61.84%	6.732%
53	24.606	3695	3705	3719	rVB	1271212	3422047	98.83%	10.759%
54	24.823	3732	3742	3758	rVB2	764173	2153048	62.18%	6.769%

Sum of corrected areas: 31806388

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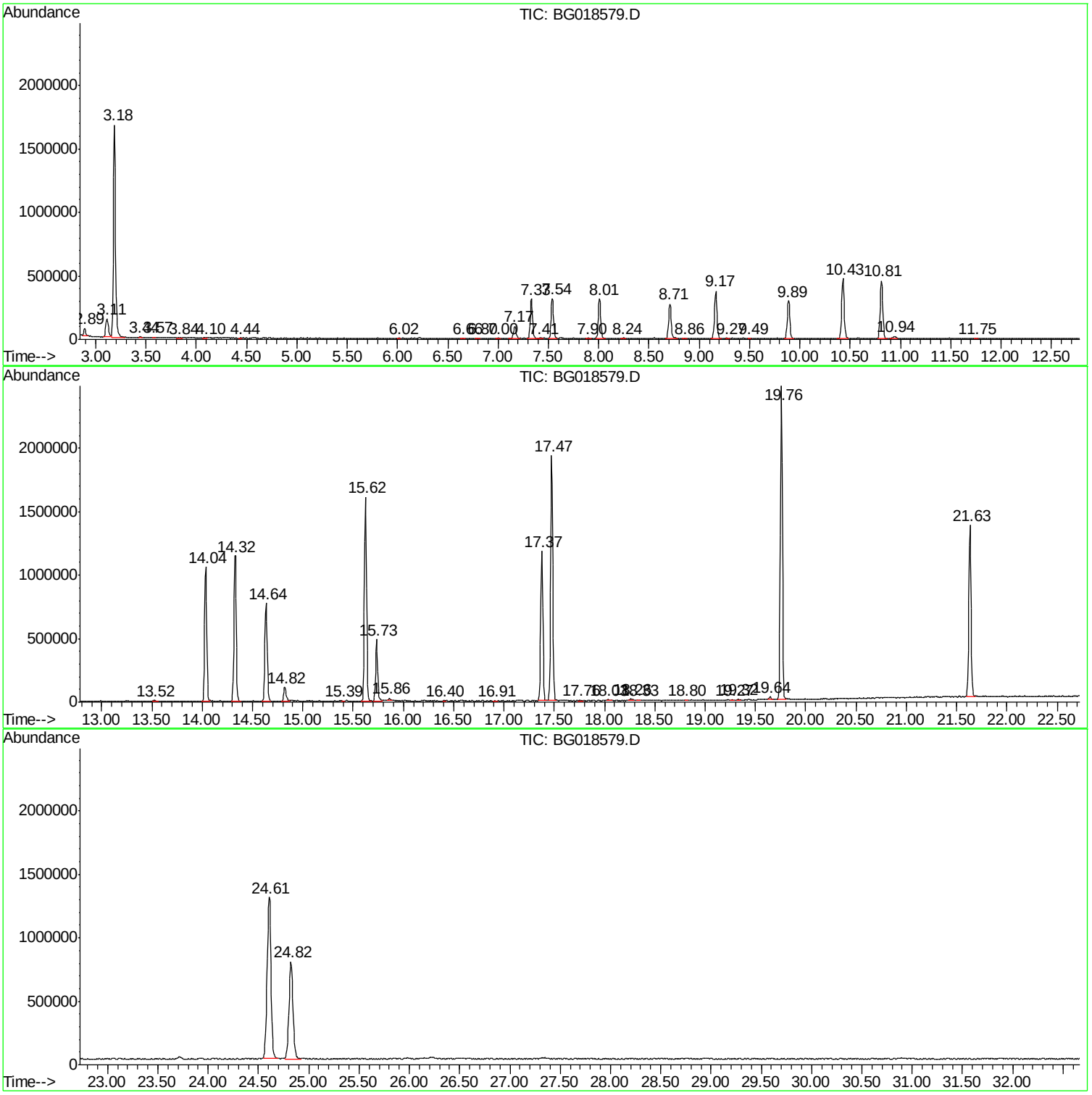
Instrument : BNA_G
ClientSampleId : C0AD8

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



Library Search Compound Report

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Data File : BG018579.D
Acq On : 2 Sep 2015 1:55
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD8

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

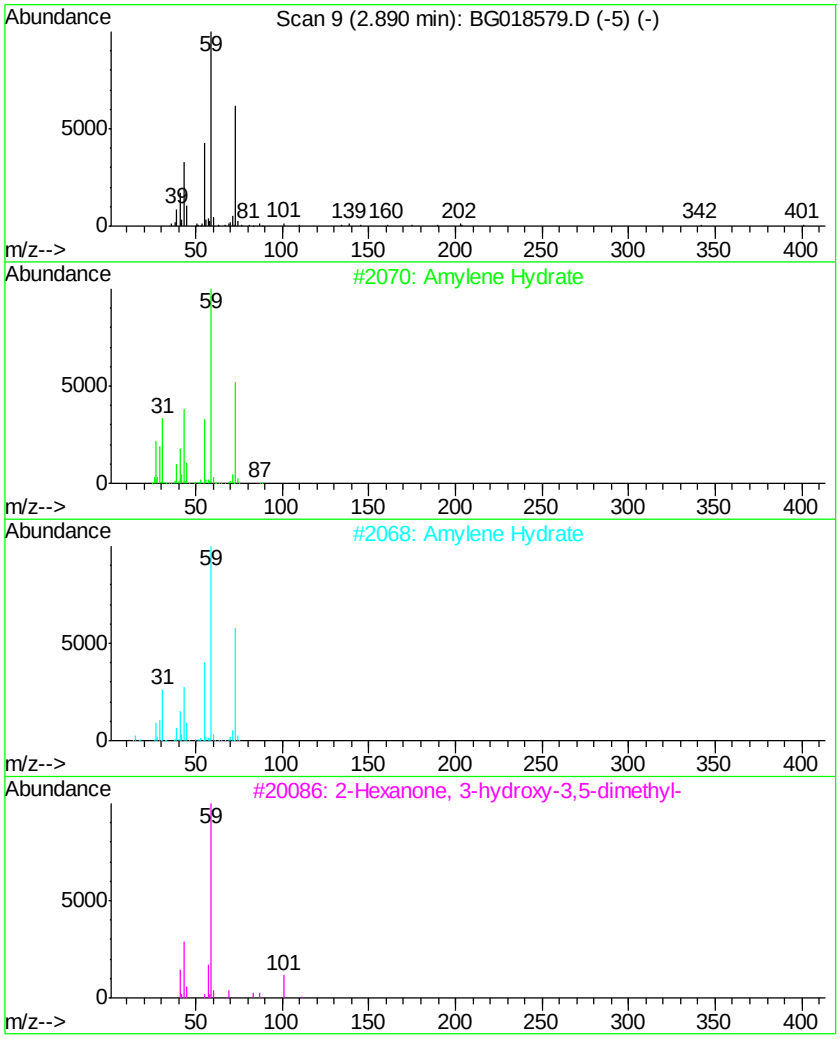
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

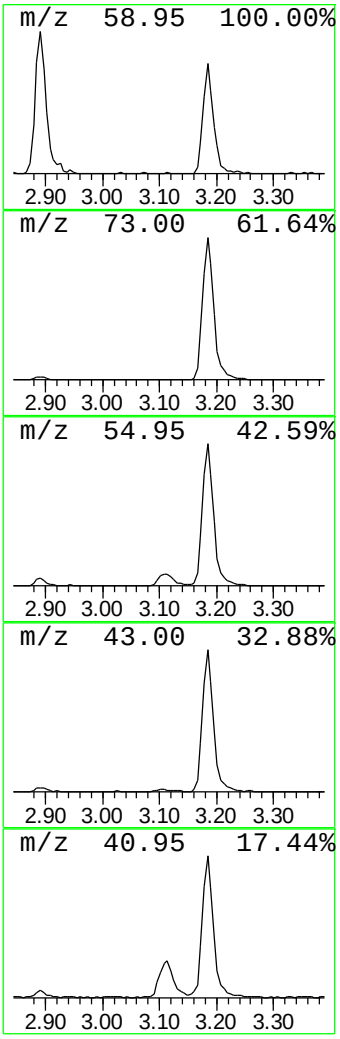
****

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.99 ng/ul	79657	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	83
2	Amylene Hydrate	88	C5H12O	000075-85-4	78
3	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	45
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43
5	Amylene Hydrate	88	C5H12O	000075-85-4	40





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Instrument : BNA_G
ClientSampleId : C0AD8

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

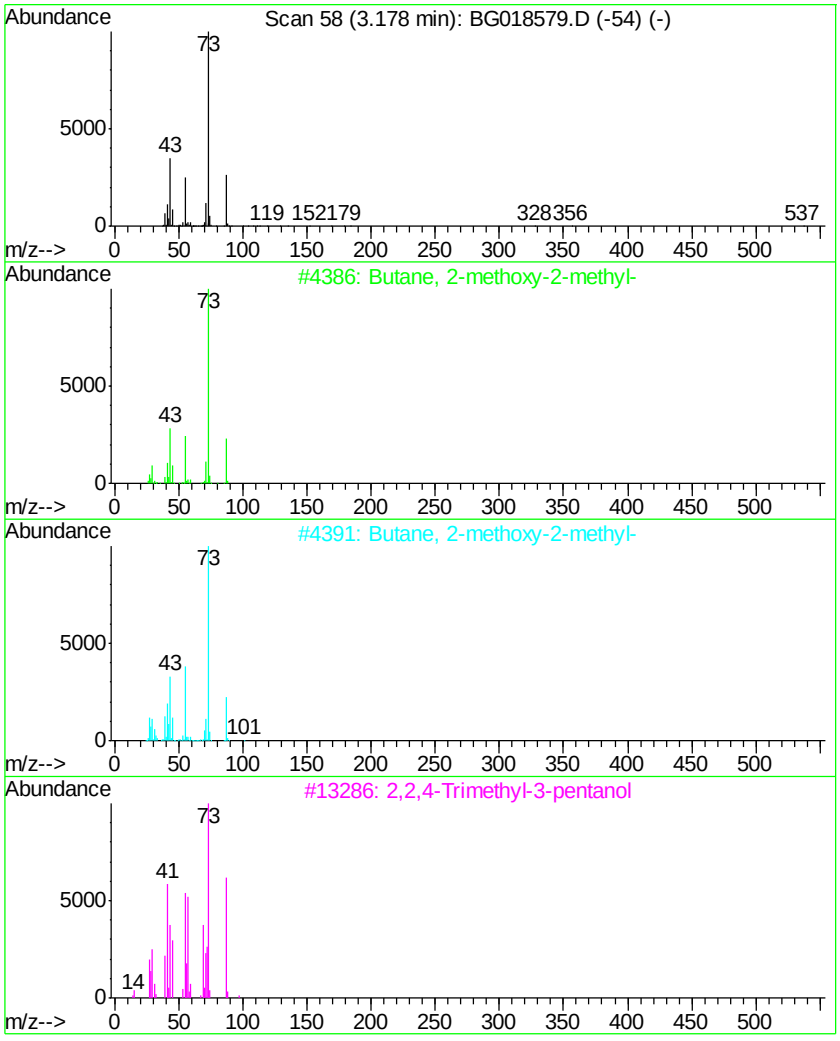
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

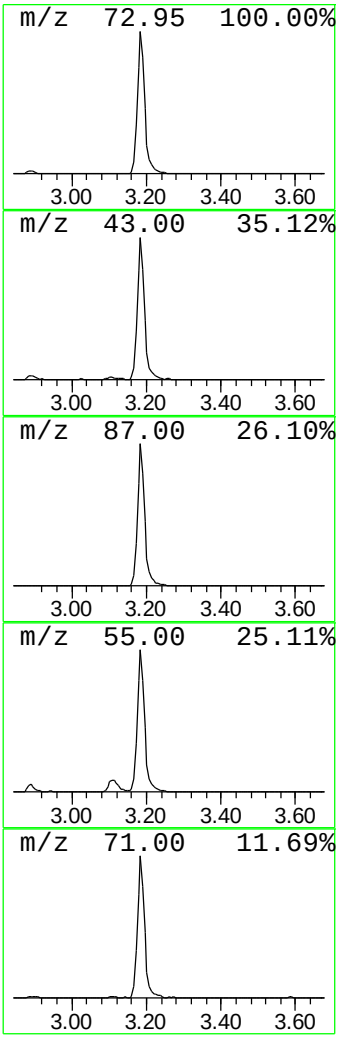
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	86.68 ng/ul	2306510	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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene Hydrate	2.89	3.0	ng/ul	79657	1	8.01	532190	20.0
Butane, 2-methoxy...	3.18	86.7	ng/ul	2306510	1	8.01	532190	20.0