LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050916\
Data File : BM005355.D
Acq On : 09 May 2016 11:58
Operator : UM/SJ
Sample : H2888-05 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WW2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-BM050516.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	2.728	4	7	18	rVB	32404	53674	2.88%	0.482%
2	2.975	46	49	52	rBV	18359	22845	1.22%	0.205%
3	3.011	52	55	61	rVV	50937	70587	3.78%	0.634%
4	3.781	181	186	194	rVB	17828	25641	1.37%	0.230%
5	6.946	719	724	733	rBV	36101	63362	3.40%	0.569%
6	7.104	746	751	759	rBV	34403	53990	2.89%	0.485%
7	7.304	780	785	797	rVB	40417	64547	3.46%	0.580%
8	7.769	858	864	875	rBV	268527	441755	23.68%	3.970%
9	8.481	979	985	997	rBB	25155	44619	2.39%	0.401%
10	8.928	1056	1061	1074	rBB	35197	60528	3.24%	0.544%
11	9.651	1179	1184	1193	rBV	23983	40891	2.19%	0.367%
12	10.187	1271	1275	1290	rBV	40000	76721	4.11%	0.689%
13	10.551	1331	1337	1353	rBV	420747	739601	39.65%	6.647%
14	10.710	1358	1364	1377	rBV	13995	29939	1.61%	0.269%
15	13.392	1814	1820	1827	rVB	21372	27284	1.46%	0.245%
16	13.816	1885	1892	1897	rBV	118469	159720	8.56%	1.435%
17	13.863	1897	1900	1908	rVB	23712	32290	1.73%	0.290%
18	14.098	1935	1940	1952	rBV	128349	202971	10.88%	1.824%
19	14.410	1987	1993	2001	rBV2	682870	1046562	56.11%	9.405%
20	15.404	2155	2162	2168	rBV	198186	283348	15.19%	2.546%
21	15.533	2179	2184	2191	rBV	19880	26806	1.44%	0.241%
22	16.116	2280	2283	2292	rBV	12242	20633	1.11%	0.185%
23	17.157	2454	2460	2465	rBV2	893972	1305027	69.96%	11.728%
24	17.198	2465	2467	2472	rVB	90513	106617	5.72%	0.958%
25	17.257	2472	2477	2482	rBV	206314	298420	16.00%	2.682%
26	18.039	2604	2610	2614	rBV3	12208	20895	1.12%	0.188%
27	18.227	2637	2642	2646	rBV3	19828	34165	1.83%	0.307%
28	19.221	2800	2811	2817	rBV	233349	316528	16.97%	2.845%
29	19.557	2862	2868	2870	rBV	322280	440548	23.62%	3.959%
30	19.580	2870	2872	2881	rVV	216254	292288	15.67%	2.627%
31	19.915	2922	2929	2936	rBV3	13557	32677	1.75%	0.294%
32	20.086	2947	2958	2963	rBV	31483	70125	3.76%	0.630%
33	20.186	2971	2975	2978	rBV	19250	23784	1.28%	0.214%
34	20.245	2978	2985	2988	rBV2	22084	35809	1.92%	0.322%

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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

35	20.380	3004	3008	3012	rBV	18721	23432	1.26%	0.211%
36	20.427	3012	3016	3021	rBV2	14947	20173	1.08%	0.181%
37	20.998	3110	3113	3116	rBV	19072	20837	1.12%	0.187%
38	21.045	3117	3121	3124	rBV3	24886	40334	2.16%	0.362%
39	21.133	3132	3136	3142	rVB2	15471	25568	1.37%	0.230%
40	21.351	3166	3173	3178	rBV	1243848	1865288	100.00%	16.763%
41	21.386	3178	3179	3188	rVB	136649	148852	7.98%	1.338%
42	21.509	3196	3200	3203	rBV	19136	24075	1.29%	0.216%
43	21.674	3225	3228	3232	rVB4	18834	26336	1.41%	0.237%
44	21.956	3274	3276	3281	rVB2	13423	19883	1.07%	0.179%
45	22.398	3348	3351	3357	rBV4	20832	40564	2.17%	0.365%
46	22.909	3434	3438	3439	rBV2	34783	40060	2.15%	0.360%
47	22.945	3440	3444	3450	rVV	75285	165919	8.90%	1.491%
48	23.121	3470	3474	3479	rVB2	22677	36919	1.98%	0.332%
49	23.427	3521	3526	3530	rBV	67227	123307	6.61%	1.108%
50	23.480	3530	3535	3540	rVV2	185234	352914	18.92%	3.172%
51	23.527	3540	3543	3549	rVB	86410	139974	7.50%	1.258%
52	23.627	3553	3560	3567	rBV2	693377	1328429	71.22%	11.938%
53	24.133	3642	3646	3652	rVB2	44318	76658	4.11%	0.689%
54	25.756	3920	3922	3932	rVB3	22424	42583	2.28%	0.383%

Sum of corrected areas: 11127302

LSC Report - Integrated Chromatogram

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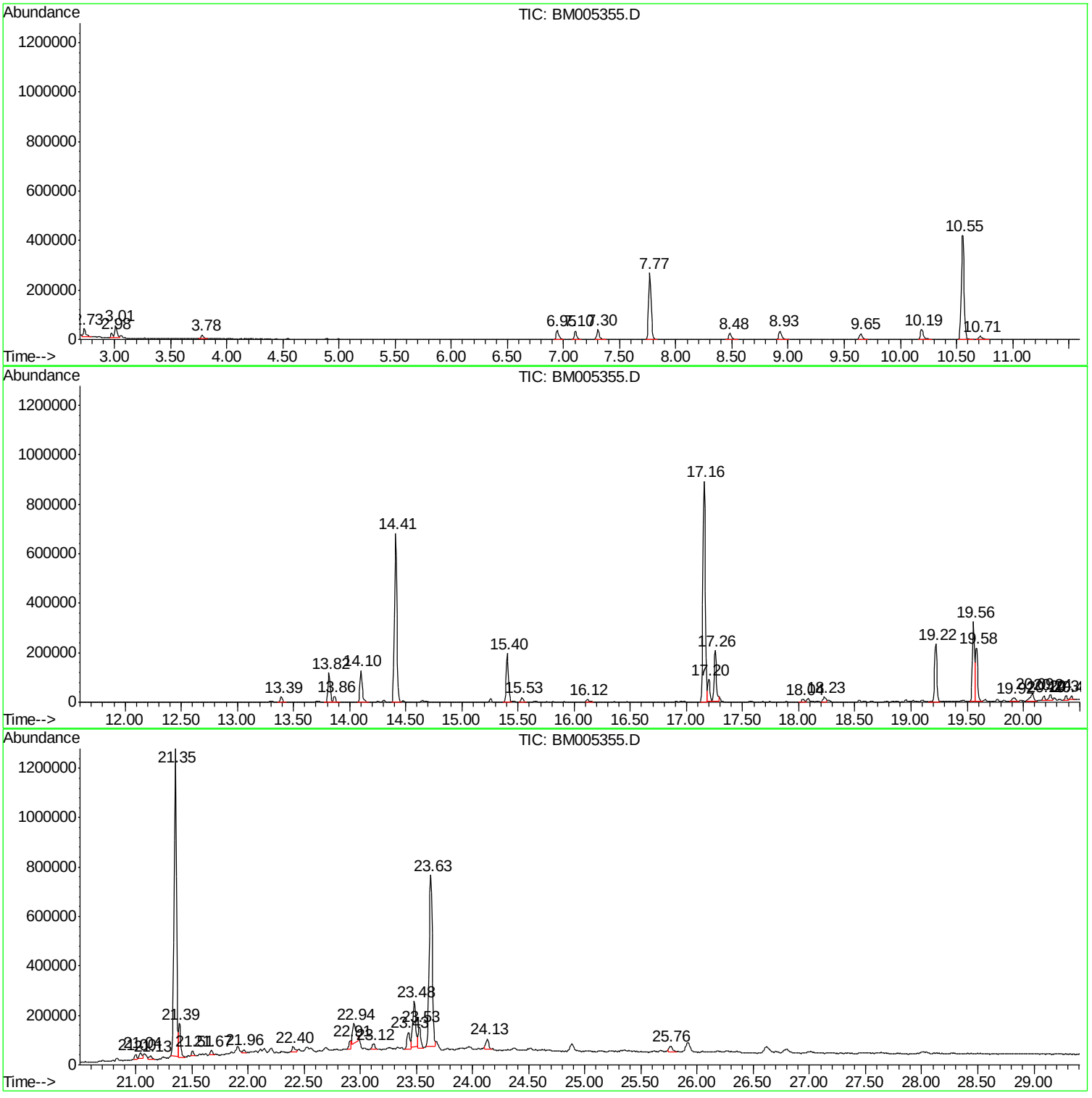
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WW2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WW2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

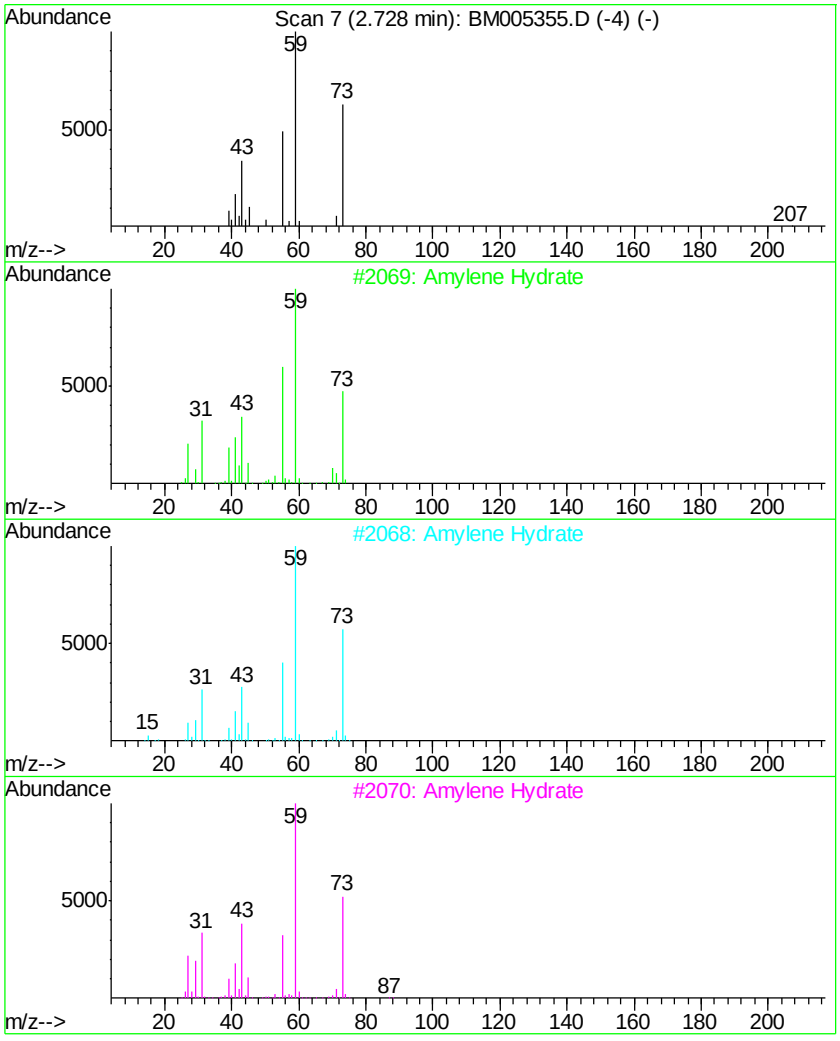
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

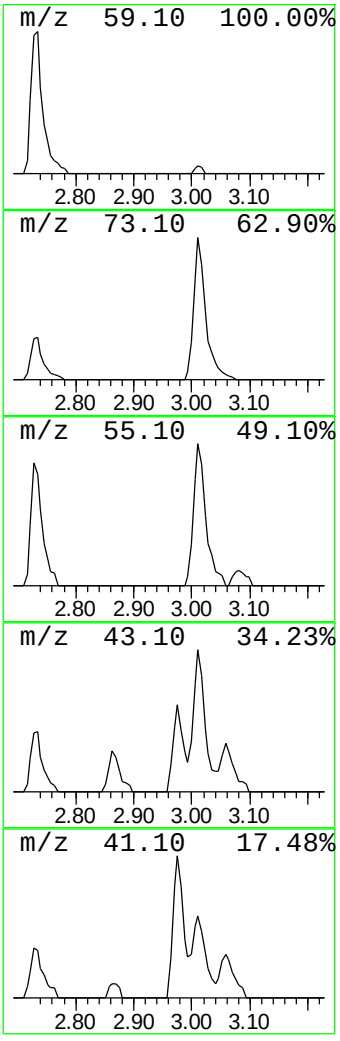
****

Peak Number 1 Amylene Hydrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	2.43 ng/ul	53674	1,4-Dichlorobenzene-d4	7.77

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	Amylene Hydrate	88	C5H12O	000075-85-4	56
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	42
5	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	39





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WW2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

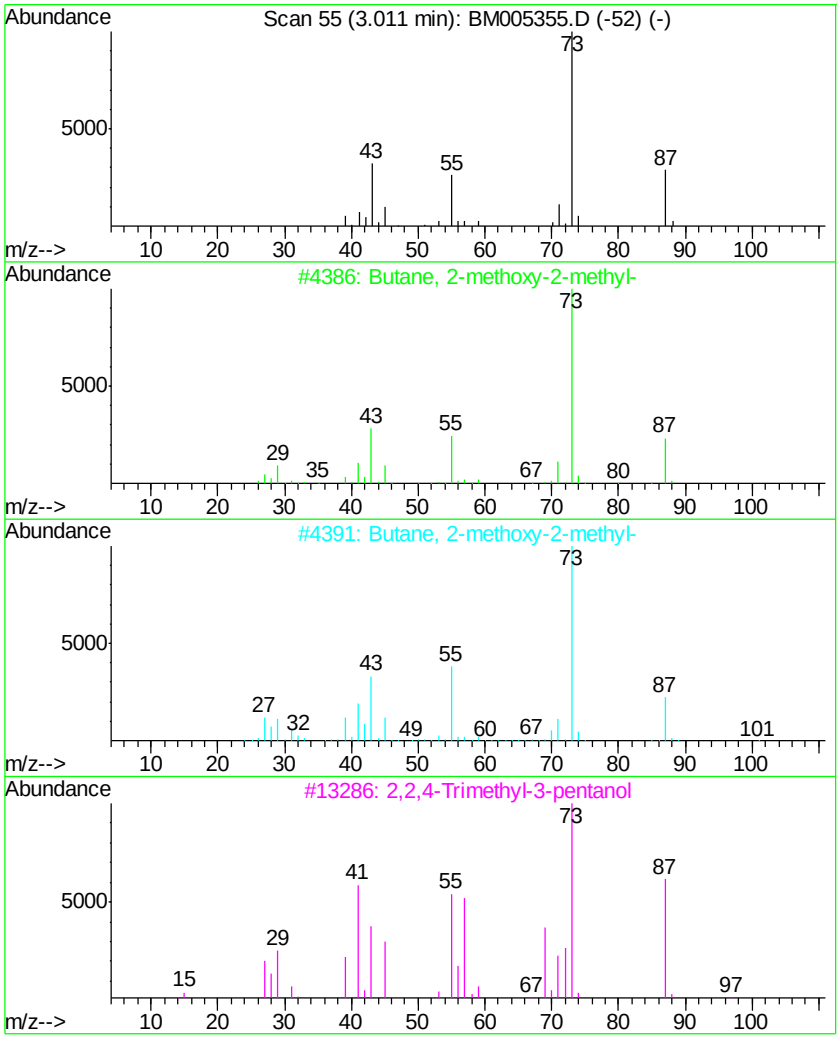
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

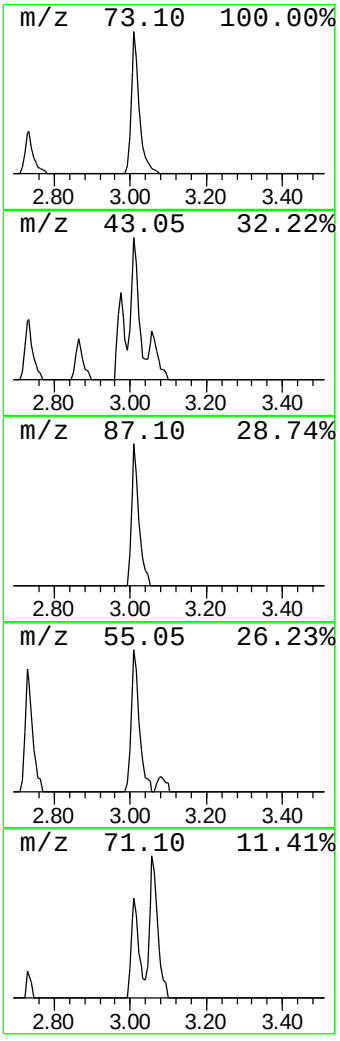
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	3.20 ng/ul	70587	1,4-Dichlorobenzene-d4	7.77

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	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene Hydrate	2.73	2.4	ng/ul	53674	1	7.77	441755	20.0
Butane, 2-methoxy...	3.01	3.2	ng/ul	70587	1	7.77	441755	20.0