LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018779.D
Acq On : 21 Sep 2015 12:56
Operator : TP
Sample : G3691-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0228

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	2.881	4	7	16	rVB3	15012	29344	1.60%	0.181%
2	2.940	16	17	21	rVB2	3139	3147	0.17%	0.019%
3	3.105	40	45	52	rBV2	67683	108813	5.94%	0.672%
4	3.175	52	57	78	rVV	1017713	1507019	82.32%	9.309%
5	3.439	98	102	106	rVB4	3497	4709	0.26%	0.029%
6	3.586	125	127	131	rVB4	1876	2027	0.11%	0.013%
7	3.622	131	133	136	rBV4	1382	1873	0.10%	0.012%
8	4.039	200	204	207	rBV3	1306	1836	0.10%	0.011%
9	5.784	495	501	504	rBV3	1736	2156	0.12%	0.013%
10	6.207	570	573	578	rVB5	1858	2478	0.14%	0.015%
11	6.824	674	678	680	rBV4	1658	2004	0.11%	0.012%
12	6.976	701	704	706	rBV2	1473	1999	0.11%	0.012%
13	7.164	730	736	745	rBV	36591	64854	3.54%	0.401%
14	7.323	757	763	771	rBV	154318	240615	13.14%	1.486%
15	7.535	792	799	810	rVB	142424	235394	12.86%	1.454%
16	7.999	872	878	886	rBV	144178	244862	13.38%	1.513%
17	8.704	991	998	1010	rBV	112443	202890	11.08%	1.253%
18	9.156	1068	1075	1084	rBV	158310	276664	15.11%	1.709%
19	9.227	1084	1087	1091	rVB3	1513	2061	0.11%	0.013%
20	9.879	1191	1198	1206	rBV	130107	234342	12.80%	1.448%
21	10.425	1284	1291	1301	rBV	210905	360476	19.69%	2.227%
22	10.801	1347	1355	1363	rBV	207944	374165	20.44%	2.311%
23	10.937	1373	1378	1386	rVB5	6760	12466	0.68%	0.077%
24	12.076	1566	1572	1575	rBV3	6682	10141	0.55%	0.063%
25	12.188	1586	1591	1596	rBV4	2862	4782	0.26%	0.030%
26	13.234	1764	1769	1774	rBV	1580	2805	0.15%	0.017%
27	14.027	1898	1904	1912	rBV	518826	736880	40.25%	4.552%
28	14.321	1947	1954	1962	rVV	551253	831297	45.41%	5.135%
29	14.626	1999	2006	2016	rVB2	384058	603730	32.98%	3.729%
30	14.832	2036	2041	2048	rBV2	41388	73332	4.01%	0.453%
31	14.902	2052	2053	2056	rVB2	3875	2798	0.15%	0.017%
32	15.619	2168	2175	2187	rVB	779452	1142167	62.39%	7.055%
33	15.731	2188	2194	2206	rBV	171518	277039	15.13%	1.711%
34	15.860	2211	2216	2222	rVB4	7131	13155	0.72%	0.081%

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Operator : TP
Sample : G3691-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0228

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	16.313	2290	2293	2295	rVB	1912	1871	0.10%	0.012%
36	16.565	2334	2336	2341	rVB3	2046	3297	0.18%	0.020%
37	16.806	2373	2377	2378	rBV3	1638	1903	0.10%	0.012%
38	16.841	2381	2383	2385	rBV	1622	1992	0.11%	0.012%
39	16.971	2403	2405	2411	rVB6	1739	2409	0.13%	0.015%
40	17.082	2421	2424	2427	rVB2	1815	2426	0.13%	0.015%
41	17.159	2433	2437	2444	rVB4	3481	6097	0.33%	0.038%
42	17.370	2467	2473	2482	rBV	596212	892008	48.73%	5.510%
43	17.470	2482	2490	2501	rBV	944471	1423109	77.74%	8.791%
44	17.752	2532	2538	2540	rVB4	1890	3319	0.18%	0.021%
45	17.887	2559	2561	2564	rVB	3534	2683	0.15%	0.017%
46	17.981	2576	2577	2582	rVB3	1651	1971	0.11%	0.012%
47	18.034	2582	2586	2589	rBV3	1849	2955	0.16%	0.018%
48	18.063	2589	2591	2595	rVB3	1446	2127	0.12%	0.013%
49	18.169	2607	2609	2612	rBV3	1527	1849	0.10%	0.011%
50	18.257	2620	2624	2627	rBV2	2898	3535	0.19%	0.022%
51	18.316	2632	2634	2636	rBV2	2201	2514	0.14%	0.016%
52	18.445	2653	2656	2660	rBV3	1901	2043	0.11%	0.013%
53	18.592	2678	2681	2683	rBV2	2596	3159	0.17%	0.020%
54	18.880	2727	2730	2733	rBV3	2509	3107	0.17%	0.019%
55	19.045	2755	2758	2759	rBV3	2901	2460	0.13%	0.015%
56	19.068	2759	2762	2764	rVB3	2174	2434	0.13%	0.015%
57	19.233	2788	2790	2792	rBV3	1727	1941	0.11%	0.012%
58	19.268	2793	2796	2797	rVB3	4364	3480	0.19%	0.021%
59	19.286	2797	2799	2801	rBV3	2147	2178	0.12%	0.013%
60	19.380	2813	2815	2819	rBV3	2272	3857	0.21%	0.024%
61	19.462	2823	2829	2831	rBV5	3321	5780	0.32%	0.036%
62	19.591	2849	2851	2853	rVB3	3393	2185	0.12%	0.013%
63	19.644	2856	2860	2864	rBV	10741	16526	0.90%	0.102%
64	19.756	2871	2879	2885	rBV	1259598	1830596	100.00%	11.308%
65	19.920	2905	2907	2910	rBV4	4514	3529	0.19%	0.022%
66	19.950	2910	2912	2913	rBV2	3212	2330	0.13%	0.014%
67	20.032	2925	2926	2929	rBV3	2587	2996	0.16%	0.019%
68	20.102	2936	2938	2940	rBV2	4451	3855	0.21%	0.024%
69	20.378	2984	2985	2987	rBV2	3481	2837	0.15%	0.018%
70	20.525	3008	3010	3011	rBV2	4428	3165	0.17%	0.020%
71	21.224	3127	3129	3134	rVB3	9657	13487	0.74%	0.083%

LSC Area Percent Report

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Data File : BG018779.D
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Operator : TP
Sample : G3691-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0228

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

72	21.295	3137	3141	3146	rBV2	13423	21305	1.16%	0.132%
73	21.354	3146	3151	3155	rBV	63399	94993	5.19%	0.587%
74	21.630	3191	3198	3207	rBV	709698	1172257	64.04%	7.241%
75	21.935	3246	3250	3251	rBV4	7862	7322	0.40%	0.045%
76	22.682	3375	3377	3378	rBV2	5895	4049	0.22%	0.025%
77	23.322	3484	3486	3487	rBV	5251	3243	0.18%	0.020%
78	24.597	3693	3703	3716	rVB	658549	1776145	97.03%	10.972%
79	24.820	3730	3741	3755	rVB2	407165	1194998	65.28%	7.382%
80	25.196	3803	3805	3808	rBV4	8182	9913	0.54%	0.061%
81	25.408	3839	3841	3842	rBV2	7183	6146	0.34%	0.038%
82	27.993	4279	4281	4282	rBV2	6350	4350	0.24%	0.027%
83	29.485	4534	4535	4539	rBV4	7260	7324	0.40%	0.045%
84	29.603	4553	4555	4556	rBV2	6908	4246	0.23%	0.026%

Sum of corrected areas: 16188621

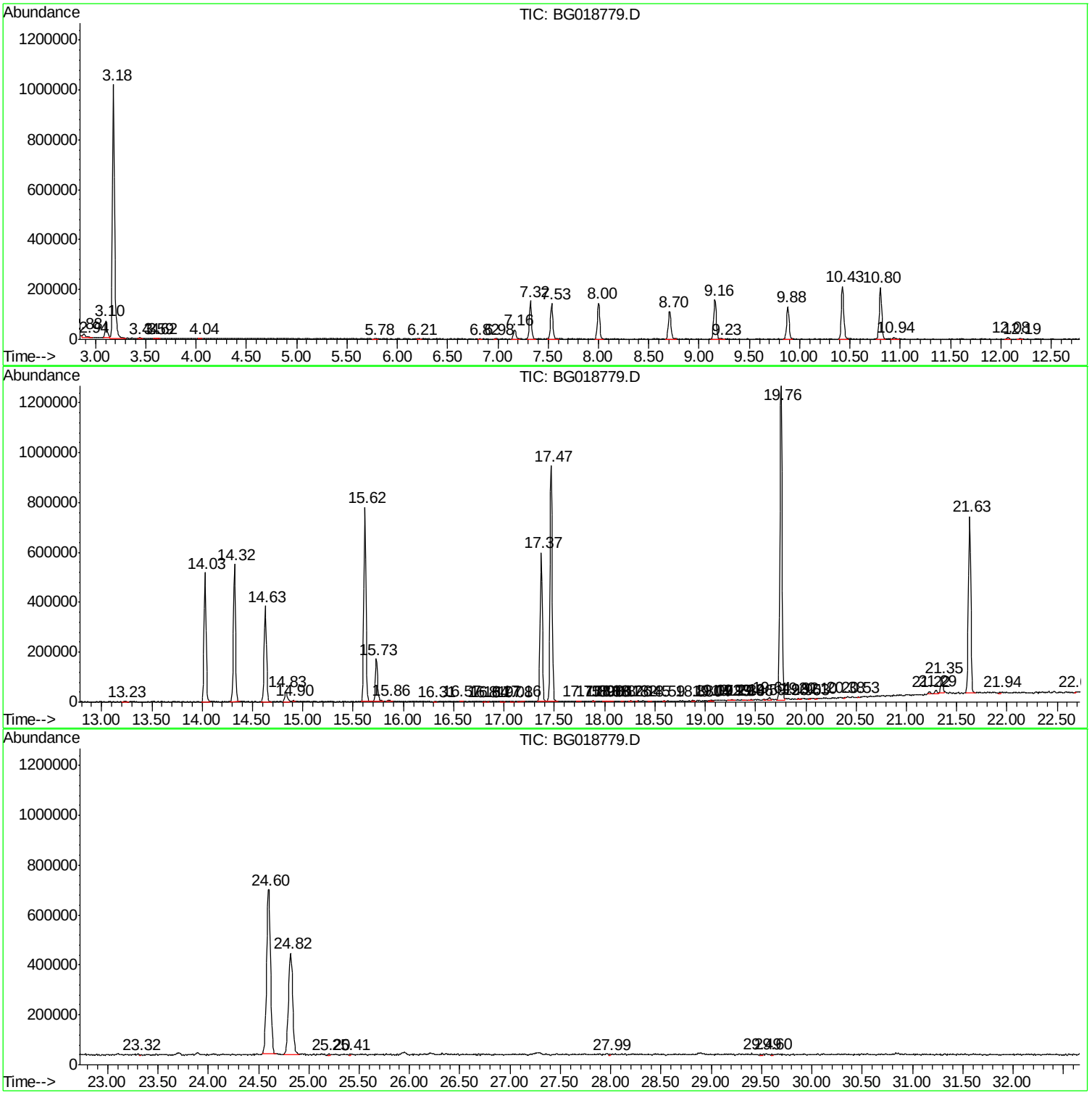
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018779.D
Acq On : 21 Sep 2015 12:56
Operator : TP
Sample : G3691-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0228

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018779.D
Acq On : 21 Sep 2015 12:56
Operator : TP
Sample : G3691-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0228

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

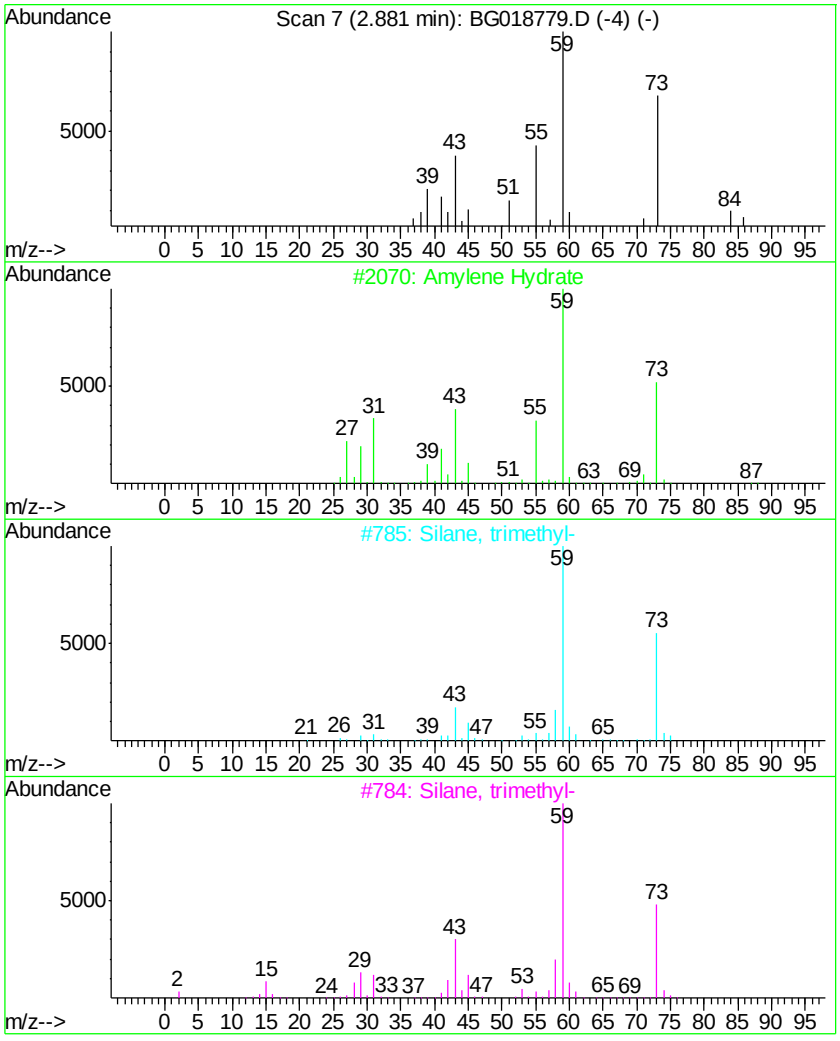
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

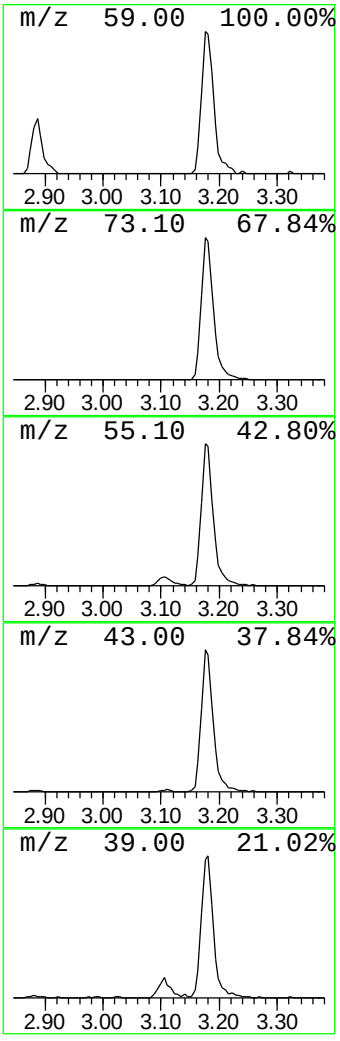
****

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	2.40 ng/ul	29344	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	59
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	42
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	36
4	Amylene Hydrate	88	C5H12O	000075-85-4	36
5	Amylene Hydrate	88	C5H12O	000075-85-4	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018779.D
Acq On : 21 Sep 2015 12:56
Operator : TP
Sample : G3691-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0228

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

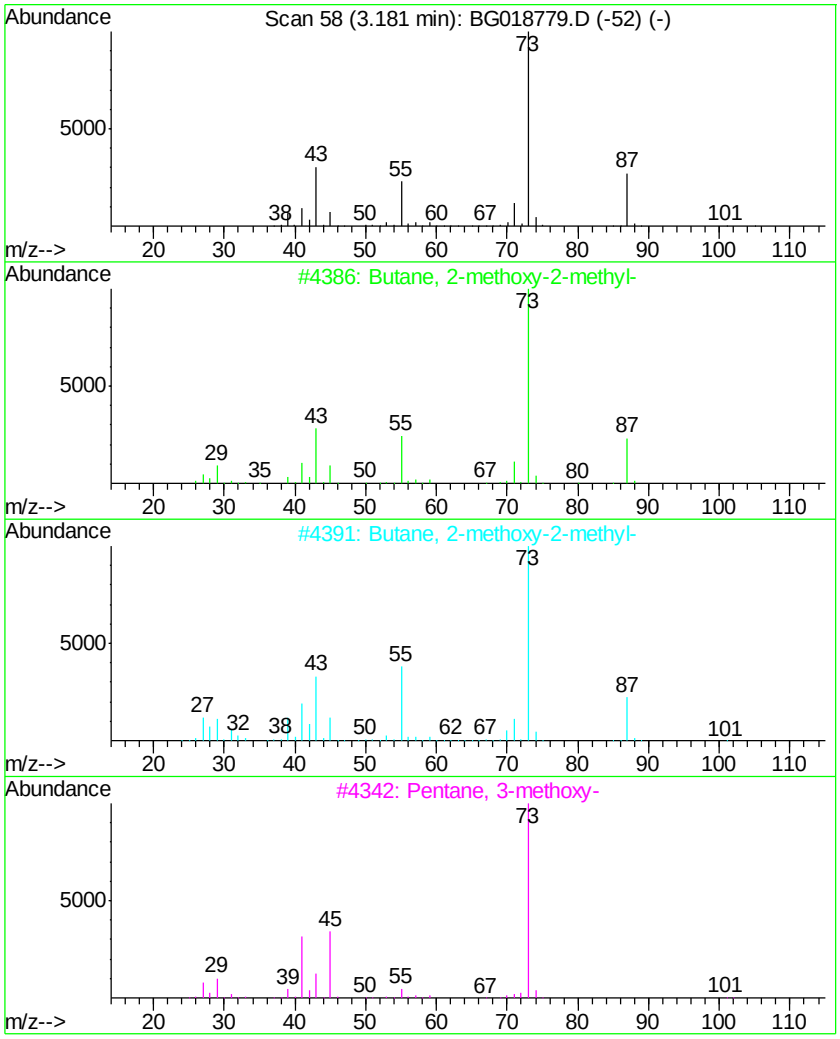
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

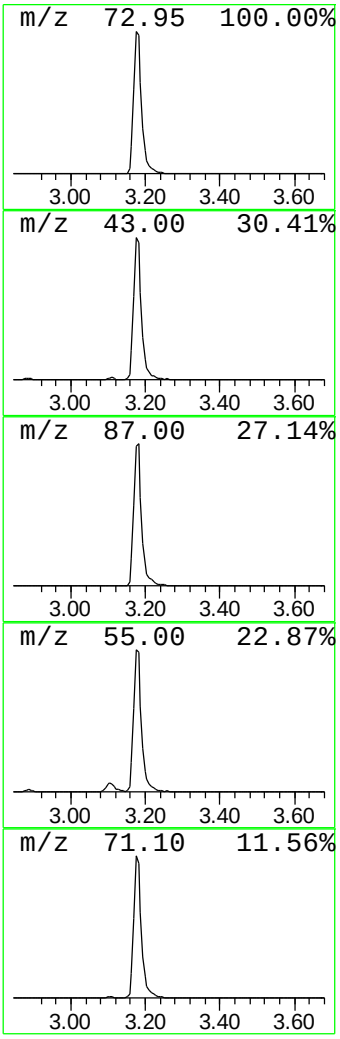
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	123.09 ng/ul	1507020	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	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Tentatively Identified Compound (LSC) summary

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Data File : BG018779.D
Acq On : 21 Sep 2015 12:56
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Instrument : BNA_G
ClientSampleId : H0228

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	2.4	ng/ul	29344	1	8.00	244862	20.0
Butane, 2-methoxy...	3.18	123.1	ng/ul	1507020	1	8.00	244862	20.0