LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018521.D
Acq On : 28 Aug 2015 20:20
Operator : UM/MA
Sample : G3476-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTK0

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	2.888	5	8	16	rVB	39601	53885	2.40%	0.253%
2	3.111	40	46	53	rBV	93231	165249	7.36%	0.777%
3	3.182	53	58	72	rVB	943278	1374340	61.17%	6.462%
4	4.204	229	232	236	rVB3	4085	5022	0.22%	0.024%
5	4.727	320	321	326	rBV4	2543	3287	0.15%	0.015%
6	5.649	475	478	482	rBV3	2503	3421	0.15%	0.016%
7	6.002	534	538	543	rVB6	2068	3947	0.18%	0.019%
8	6.496	618	622	627	rVB3	2350	3918	0.17%	0.018%
9	7.165	731	736	744	rBV3	54871	92904	4.14%	0.437%
10	7.330	758	764	772	rVB	216623	357627	15.92%	1.682%
11	7.430	779	781	785	rBV4	2461	3558	0.16%	0.017%
12	7.541	793	800	809	rVB	197299	336910	15.00%	1.584%
13	7.641	814	817	819	rVB3	3712	4032	0.18%	0.019%
14	8.011	873	880	890	rVB	224293	363713	16.19%	1.710%
15	8.711	992	999	1009	rBV	170614	297854	13.26%	1.401%
16	8.828	1016	1019	1024	rVB5	4716	5791	0.26%	0.027%
17	9.169	1069	1077	1085	rVB	250080	446046	19.85%	2.097%
18	9.892	1192	1200	1209	rBV2	197182	349296	15.55%	1.642%
19	10.432	1285	1292	1301	rBV	323555	571940	25.46%	2.689%
20	10.814	1350	1357	1363	rBV	348751	608696	27.09%	2.862%
21	12.065	1564	1570	1571	rBV5	2390	3160	0.14%	0.015%
22	12.083	1571	1573	1577	rBV3	2872	3521	0.16%	0.017%
23	13.076	1739	1742	1743	rBV2	3852	3741	0.17%	0.018%
24	13.669	1839	1843	1846	rBV2	1821	3325	0.15%	0.016%
25	14.040	1899	1906	1912	rBV	701263	1003285	44.66%	4.718%
26	14.328	1947	1955	1965	rVB	811198	1290560	57.45%	6.068%
27	14.639	2001	2008	2015	rVB2	619790	972223	43.28%	4.572%
28	14.821	2031	2039	2049	rBV3	63729	119408	5.32%	0.561%
29	15.626	2169	2176	2185	rVB	1117408	1665819	74.15%	7.833%
30	15.738	2188	2195	2203	rBV	237651	361502	16.09%	1.700%
31	15.867	2213	2217	2222	rVB4	8352	14110	0.63%	0.066%
32	17.171	2433	2439	2443	rBV3	5479	8166	0.36%	0.038%
33	17.377	2468	2474	2483	rBV	845972	1305591	58.11%	6.139%
34	17.477	2484	2491	2500	rVB2	1272614	1925582	85.71%	9.054%

LSC Area Percent Report

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Acq On : 28 Aug 2015 20:20
Operator : UM/MA
Sample : G3476-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTK0

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

35	18.041	2582	2587	2594	rBV2	95581	118500	5.27%	0.557%
36	18.270	2620	2626	2630	rBV5	4646	9713	0.43%	0.046%
37	18.523	2664	2669	2673	rBV5	3948	8534	0.38%	0.040%
38	18.752	2704	2708	2713	rBV5	2426	4636	0.21%	0.022%
39	18.881	2729	2730	2735	rVB3	3682	3265	0.15%	0.015%
40	19.645	2856	2860	2864	rVB3	12016	15786	0.70%	0.074%
41	19.762	2873	2880	2887	rBV	1619514	2246583	100.00%	10.564%
42	20.250	2962	2963	2967	rBV	2654	3564	0.16%	0.017%
43	20.550	3009	3014	3018	rBV5	10285	17387	0.77%	0.082%
44	20.879	3068	3070	3074	rBV5	3358	3948	0.18%	0.019%
45	21.637	3192	3199	3207	rBV2	936527	1492778	66.45%	7.019%
46	21.783	3222	3224	3225	rBV2	3892	3498	0.16%	0.016%
47	22.612	3363	3365	3367	rBV3	4225	3767	0.17%	0.018%
48	23.928	3588	3589	3591	rBV2	6693	6431	0.29%	0.030%
49	24.469	3679	3681	3683	rBV3	4122	3254	0.14%	0.015%
50	24.615	3695	3706	3720	rVB	755045	2081488	92.65%	9.788%
51	24.833	3732	3743	3760	rVB2	511336	1472920	65.56%	6.926%
52	25.996	3939	3941	3954	rVB2	11887	28101	1.25%	0.132%
53	26.525	4029	4031	4034	rBV4	4708	4630	0.21%	0.022%
54	29.786	4584	4586	4588	rBV3	3858	3305	0.15%	0.016%
55	30.820	4760	4762	4764	rBV3	3758	3258	0.15%	0.015%

Sum of corrected areas: 21266775

LSC Report - Integrated Chromatogram

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Data File : BG018521.D
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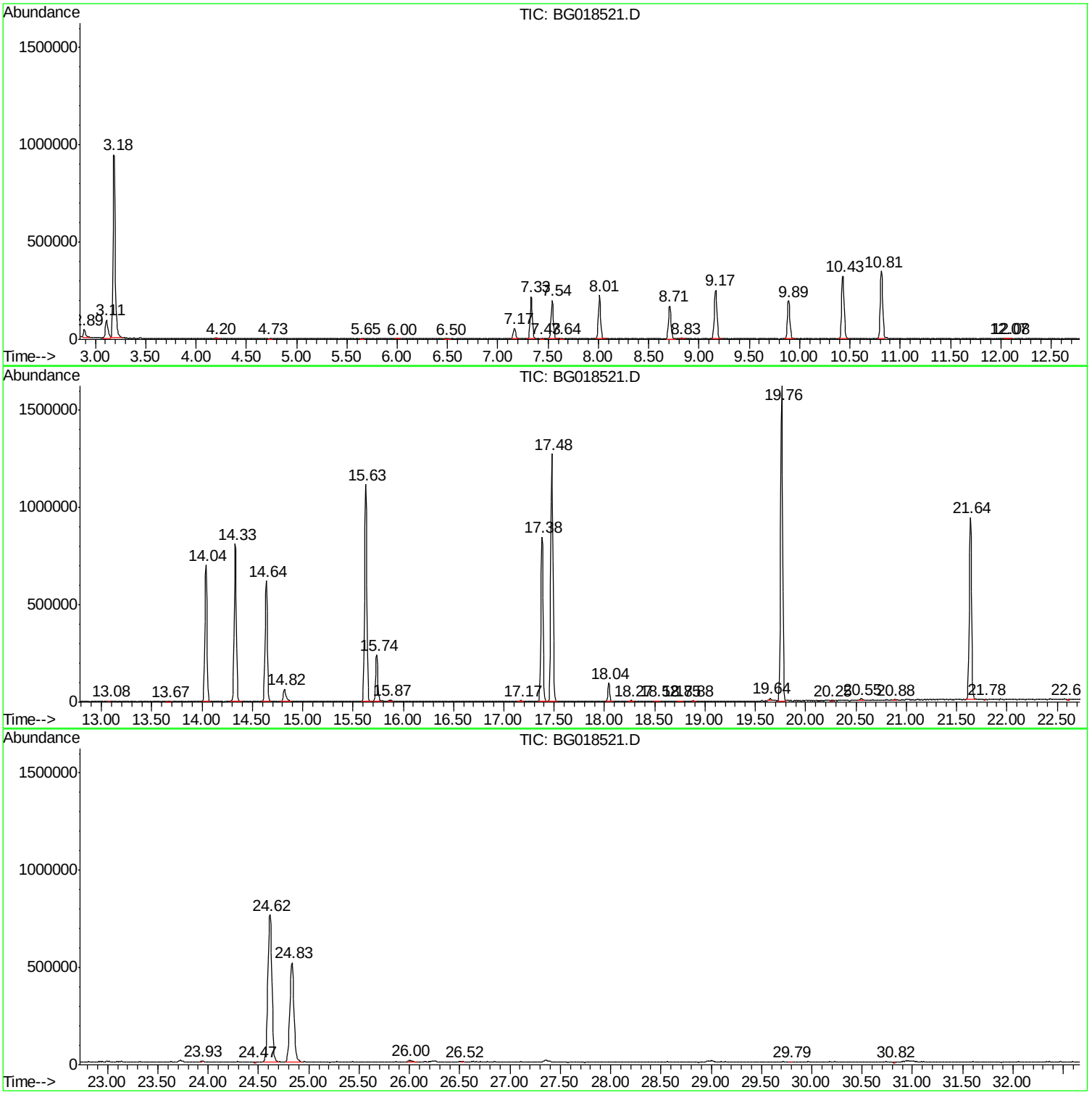
Operator : UM/MA
Sample : G3476-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTK0

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018521.D
Acq On : 28 Aug 2015 20:20
Operator : UM/MA
Sample : G3476-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTK0

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

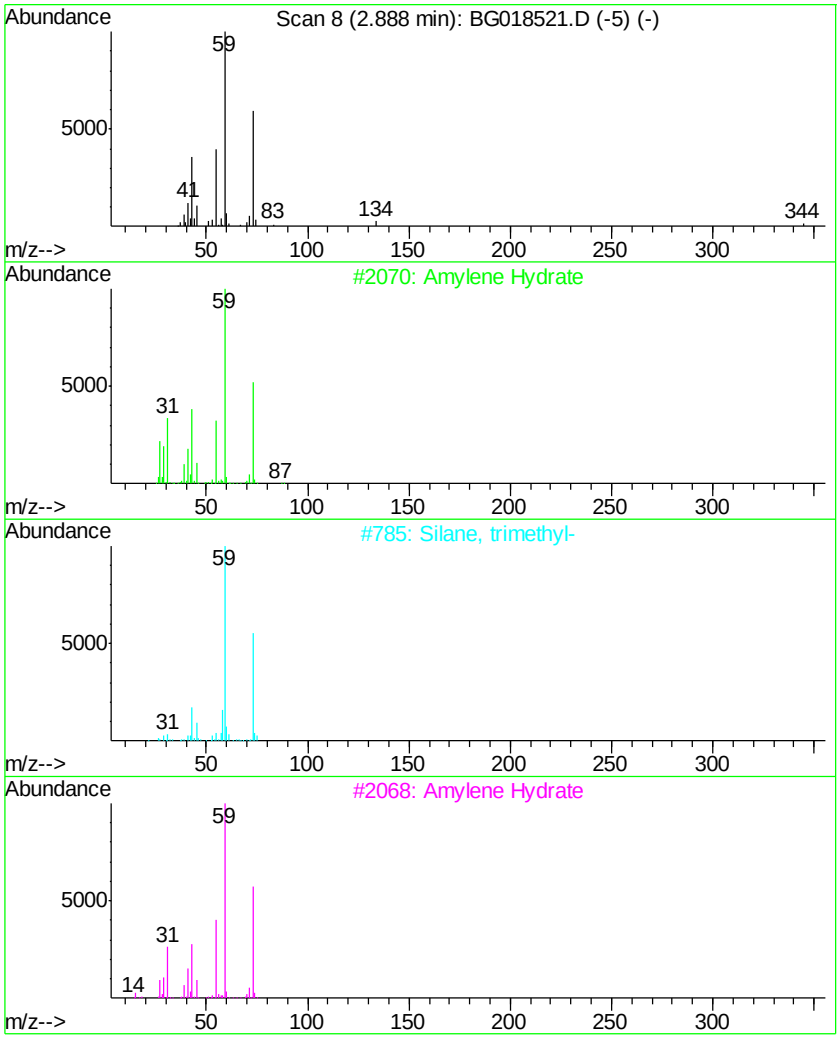
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

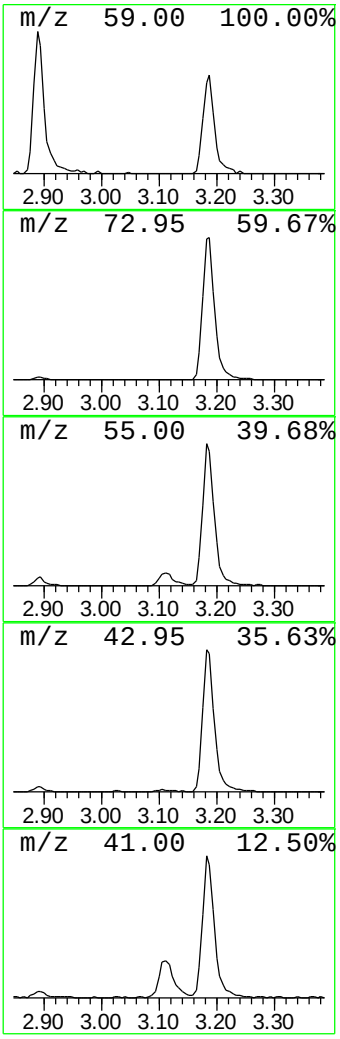
****

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.96 ng/ul	53885	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	Silane, trimethyl-	74	C3H10Si	000993-07-7	80
3	Amylene Hydrate	88	C5H12O	000075-85-4	74
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	64
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50





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Acq On : 28 Aug 2015 20:20
Operator : UM/MA
Sample : G3476-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTK0

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

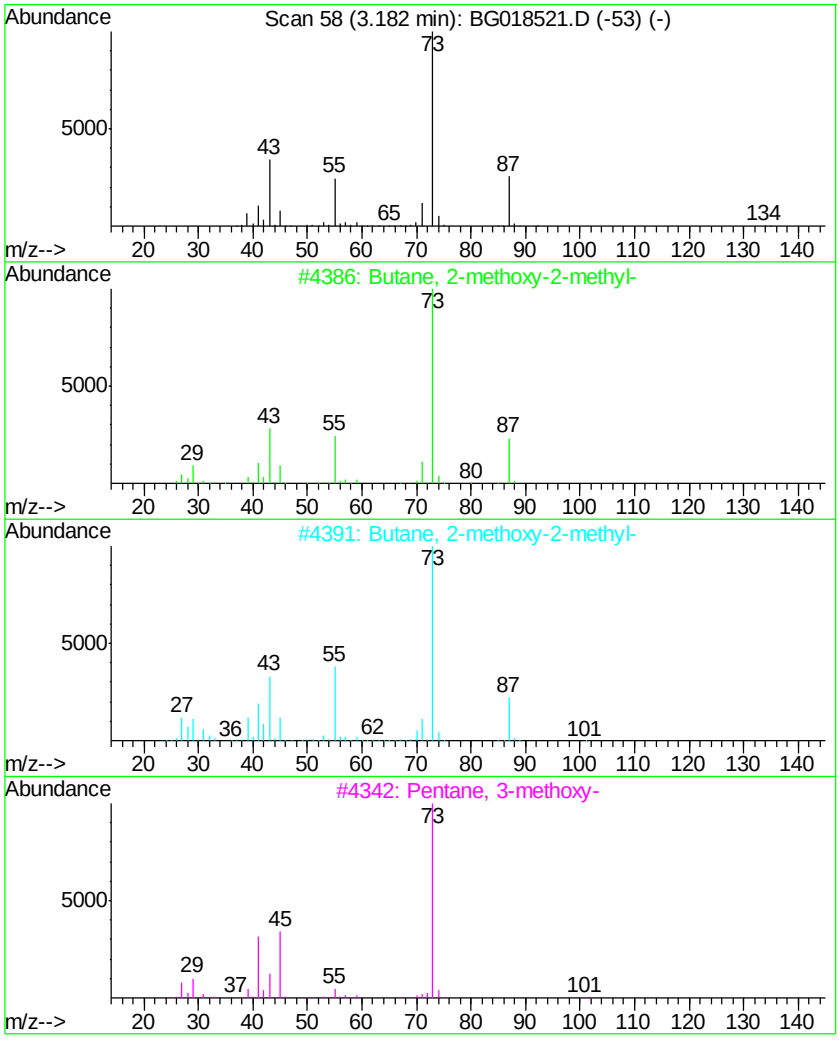
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

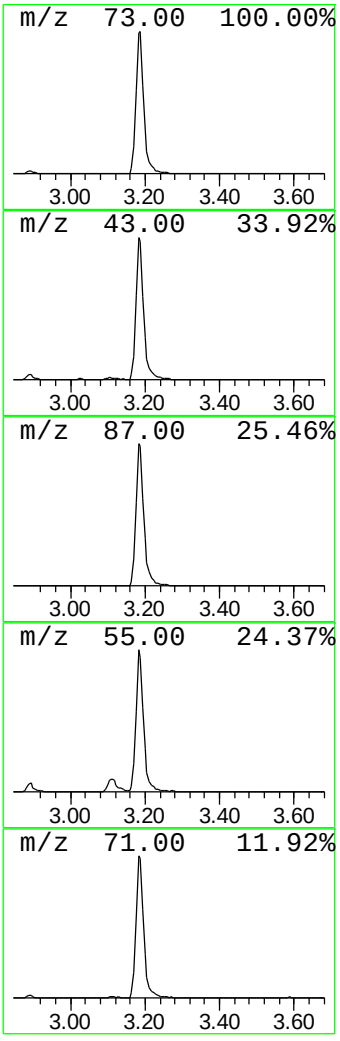
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	75.57 ng/ul	1374340	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	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
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\BG082815\
Data File : BG018521.D
Acq On : 28 Aug 2015 20:20
Operator : UM/MA
Sample : G3476-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTK0

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	53885	1	8.01	363713	20.0
Butane, 2-methoxy...	3.18	75.6	ng/ul	1374340	1	8.01	363713	20.0