LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018847.D
Acq On : 23 Sep 2015 12:38
Operator : UM/NP
Sample : G3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB2

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	2.887	4	8	20	rVB	24630	47072	2.82%	0.233%
2	3.104	40	45	53	rVV2	34262	70611	4.23%	0.350%
3	3.181	53	58	71	rVV	523457	772272	46.23%	3.822%
4	3.439	98	102	108	rBV	11862	17536	1.05%	0.087%
5	3.715	145	149	155	rBV2	5713	10513	0.63%	0.052%
6	4.003	195	198	202	rBV5	4232	6135	0.37%	0.030%
7	5.108	379	386	388	rBV3	5235	7172	0.43%	0.035%
8	6.071	545	550	556	rVB3	3738	6125	0.37%	0.030%
9	7.164	730	736	748	rBV	230369	395213	23.66%	1.956%
10	7.323	757	763	772	rBV	204387	321584	19.25%	1.592%
11	7.534	792	799	808	rBV	234524	396643	23.74%	1.963%
12	7.605	808	811	817	rVV5	1554	3245	0.19%	0.016%
13	7.999	871	878	885	rBV	230621	386576	23.14%	1.913%
14	8.051	885	887	894	rVV4	6240	9388	0.56%	0.046%
15	8.704	991	998	1006	rBV	292959	509850	30.52%	2.524%
16	9.156	1068	1075	1084	rBV	219390	378700	22.67%	1.874%
17	9.321	1098	1103	1107	rBV5	2210	4447	0.27%	0.022%
18	9.573	1142	1146	1150	rBV3	4730	6333	0.38%	0.031%
19	9.879	1188	1198	1209	rBV	174972	317427	19.00%	1.571%
20	10.425	1283	1291	1301	rBV	308078	545495	32.65%	2.700%
21	10.566	1311	1315	1322	rVB3	3507	7169	0.43%	0.035%
22	10.801	1346	1355	1363	rBV	340762	611108	36.58%	3.025%
23	10.936	1370	1378	1390	rBV	297217	546990	32.74%	2.707%
24	12.458	1629	1637	1642	rBV3	6835	11602	0.69%	0.057%
25	12.670	1671	1673	1679	rVB3	3383	5047	0.30%	0.025%
26	12.981	1720	1726	1730	rBV4	6248	9421	0.56%	0.047%
27	13.228	1764	1768	1774	rVB5	8272	12706	0.76%	0.063%
28	13.510	1814	1816	1820	rVB3	2374	3071	0.18%	0.015%
29	13.792	1859	1864	1870	rBV4	5081	12990	0.78%	0.064%
30	13.839	1870	1872	1878	rVB4	5424	8160	0.49%	0.040%
31	13.945	1884	1890	1894	rBV4	6052	10209	0.61%	0.051%
32	14.027	1896	1904	1908	rVV	596043	844575	50.55%	4.180%
33	14.074	1908	1912	1920	rVV	347426	476212	28.51%	2.357%
34	14.150	1923	1925	1928	rVV4	3625	3911	0.23%	0.019%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018847.D
Acq On : 23 Sep 2015 12:38
Operator : UM/NP
Sample : G3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB2

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	14.256	1940	1943	1947	rBV4	3924	6686	0.40%	0.033%
36	14.321	1947	1954	1962	rVV	714652	1100500	65.87%	5.447%
37	14.515	1981	1987	1990	rBV2	10150	13828	0.83%	0.068%
38	14.626	1998	2006	2013	rBV2	577650	938889	56.20%	4.647%
39	14.826	2033	2040	2049	rBV	218929	383824	22.98%	1.900%
40	15.020	2069	2073	2074	rVV3	5532	5960	0.36%	0.029%
41	15.096	2085	2086	2090	rVV3	3682	2960	0.18%	0.015%
42	15.131	2090	2092	2096	rVB4	2913	4179	0.25%	0.021%
43	15.202	2101	2104	2107	rVB5	3171	3545	0.21%	0.018%
44	15.243	2107	2111	2116	rVB5	3754	6030	0.36%	0.030%
45	15.296	2116	2120	2125	rVB3	4826	7695	0.46%	0.038%
46	15.390	2133	2136	2137	rBV3	4805	4537	0.27%	0.022%
47	15.413	2137	2140	2143	rVV2	7245	10906	0.65%	0.054%
48	15.460	2144	2148	2153	rVB	18638	26435	1.58%	0.131%
49	15.619	2167	2175	2181	rBV	930101	1419366	84.96%	7.025%
50	15.731	2188	2194	2202	rBV	115940	177355	10.62%	0.878%
51	15.854	2211	2215	2222	rBV7	13526	24867	1.49%	0.123%
52	16.083	2248	2254	2259	rBV9	3384	7549	0.45%	0.037%
53	16.324	2291	2295	2298	rBV2	27005	39801	2.38%	0.197%
54	16.395	2304	2307	2309	rBV4	4278	4166	0.25%	0.021%
55	16.459	2312	2318	2319	rBV6	3762	6059	0.36%	0.030%
56	16.477	2319	2321	2324	rBV4	4350	4254	0.25%	0.021%
57	16.671	2349	2354	2357	rBV7	5384	8470	0.51%	0.042%
58	16.818	2376	2379	2381	rBV4	4980	5524	0.33%	0.027%
59	16.900	2390	2393	2396	rVB4	7790	6866	0.41%	0.034%
60	16.941	2396	2400	2403	rBV6	5661	10222	0.61%	0.051%
61	17.023	2410	2414	2418	rVB5	8577	13250	0.79%	0.066%
62	17.117	2425	2430	2433	rBV3	26668	33897	2.03%	0.168%
63	17.164	2433	2438	2441	rBV6	10144	16785	1.00%	0.083%
64	17.370	2466	2473	2483	rBV	790386	1197438	71.68%	5.927%
65	17.470	2483	2490	2496	rVV	1025542	1537364	92.02%	7.609%
66	17.623	2511	2516	2518	rBV6	8829	14265	0.85%	0.071%
67	17.728	2531	2534	2538	rBV5	5328	9447	0.57%	0.047%
68	17.852	2552	2555	2561	rVB4	18906	23562	1.41%	0.117%
69	17.911	2561	2565	2567	rVB5	4213	4372	0.26%	0.022%
70	17.946	2568	2571	2579	rVB9	6722	14107	0.84%	0.070%
71	18.146	2603	2605	2607	rVV3	4032	3635	0.22%	0.018%

LSC Area Percent Report

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Data File : BG018847.D
Acq On : 23 Sep 2015 12:38
Operator : UM/NP
Sample : G3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB2

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	18.169	2607	2609	2611	rVB3	5496	3640	0.22%	0.018%
73	18.193	2611	2613	2615	rVB3	3813	3233	0.19%	0.016%
74	18.251	2619	2623	2635	rBV2	98241	169408	10.14%	0.839%
75	18.557	2673	2675	2678	rVB4	9920	7699	0.46%	0.038%
76	18.627	2685	2687	2691	rVB5	5984	7933	0.47%	0.039%
77	18.663	2691	2693	2695	rBV3	3621	3402	0.20%	0.017%
78	18.733	2703	2705	2708	rBV4	4035	4897	0.29%	0.024%
79	18.950	2739	2742	2744	rBV4	5355	6810	0.41%	0.034%
80	18.980	2745	2747	2749	rVB3	6765	5078	0.30%	0.025%
81	19.103	2764	2768	2774	rVB9	9458	19189	1.15%	0.095%
82	19.162	2774	2778	2783	rBV8	6026	14587	0.87%	0.072%
83	19.526	2836	2840	2842	rVB5	8633	10494	0.63%	0.052%
84	19.644	2857	2860	2866	rVB3	13996	18360	1.10%	0.091%
85	19.750	2872	2878	2885	rBV	1148147	1670613	100.00%	8.269%
86	20.607	3022	3024	3026	rVB2	7692	5584	0.33%	0.028%
87	21.265	3132	3136	3140	rBV6	28875	44423	2.66%	0.220%
88	21.630	3191	3198	3206	rVB	857696	1389530	83.17%	6.878%
89	22.135	3281	3284	3289	rVB7	13657	18474	1.11%	0.091%
90	22.617	3364	3366	3368	rBV3	7203	5579	0.33%	0.028%
91	24.597	3693	3703	3714	rVB	532454	1419608	84.98%	7.027%
92	24.814	3728	3740	3754	rBV2	507662	1464626	87.67%	7.249%
93	26.688	4057	4059	4063	rBV4	6158	7624	0.46%	0.038%
94	27.176	4140	4142	4143	rBV2	6338	3429	0.21%	0.017%
95	28.604	4383	4385	4386	rBV2	7160	4973	0.30%	0.025%
96	30.173	4650	4652	4656	rBV3	6189	5373	0.32%	0.027%
97	30.766	4751	4753	4754	rBV2	6348	3822	0.23%	0.019%
98	31.019	4794	4796	4798	rBV3	5209	3057	0.18%	0.015%
99	31.495	4875	4877	4878	rBV2	7533	4852	0.29%	0.024%
100	32.376	5025	5027	5029	rBV3	5691	2998	0.18%	0.015%

Sum of corrected areas: 20203398

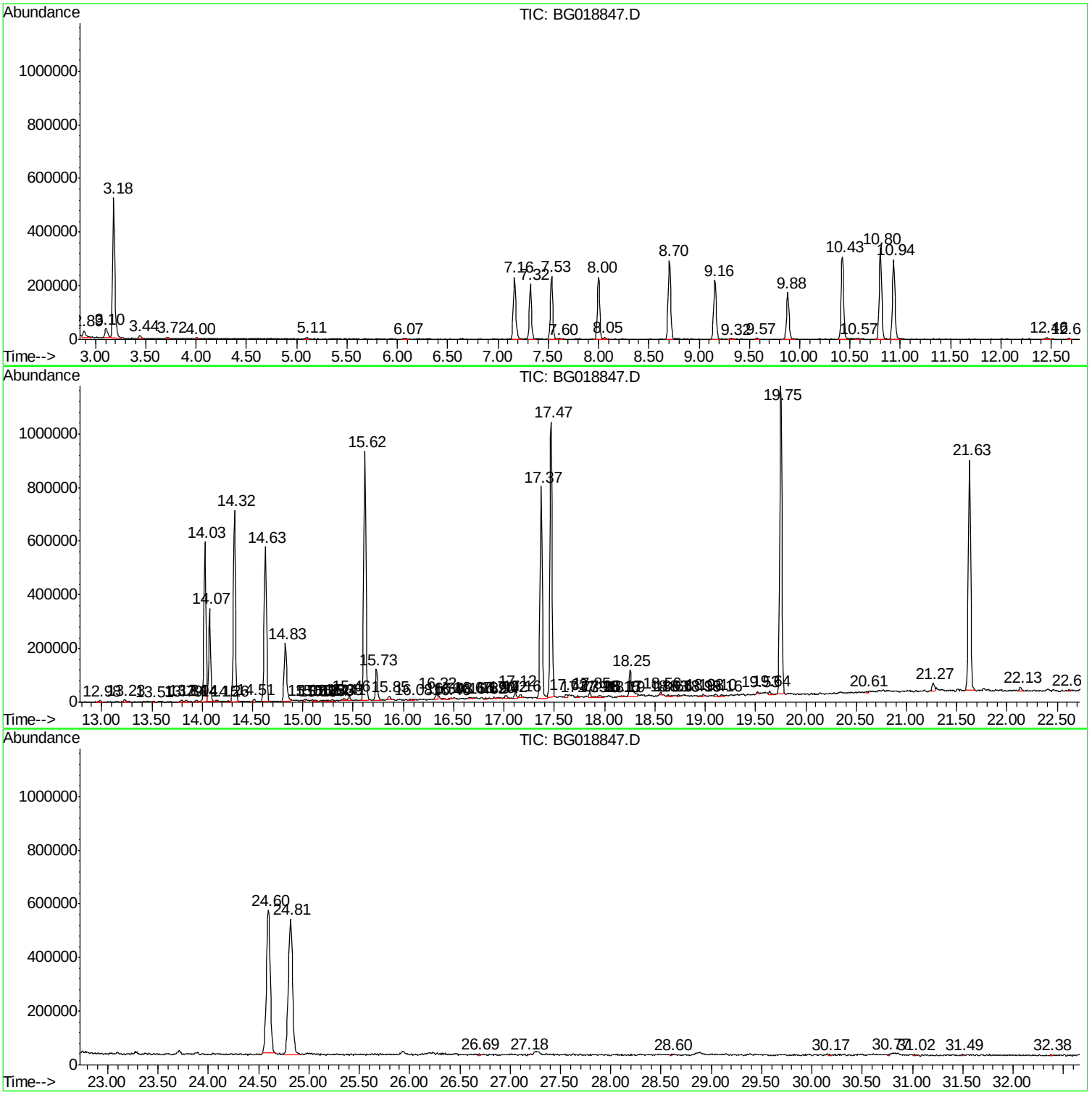
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018847.D
Acq On : 23 Sep 2015 12:38
Operator : UM/NP
Sample : G3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB2

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018847.D
Acq On : 23 Sep 2015 12:38
Operator : UM/NP
Sample : G3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB2

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

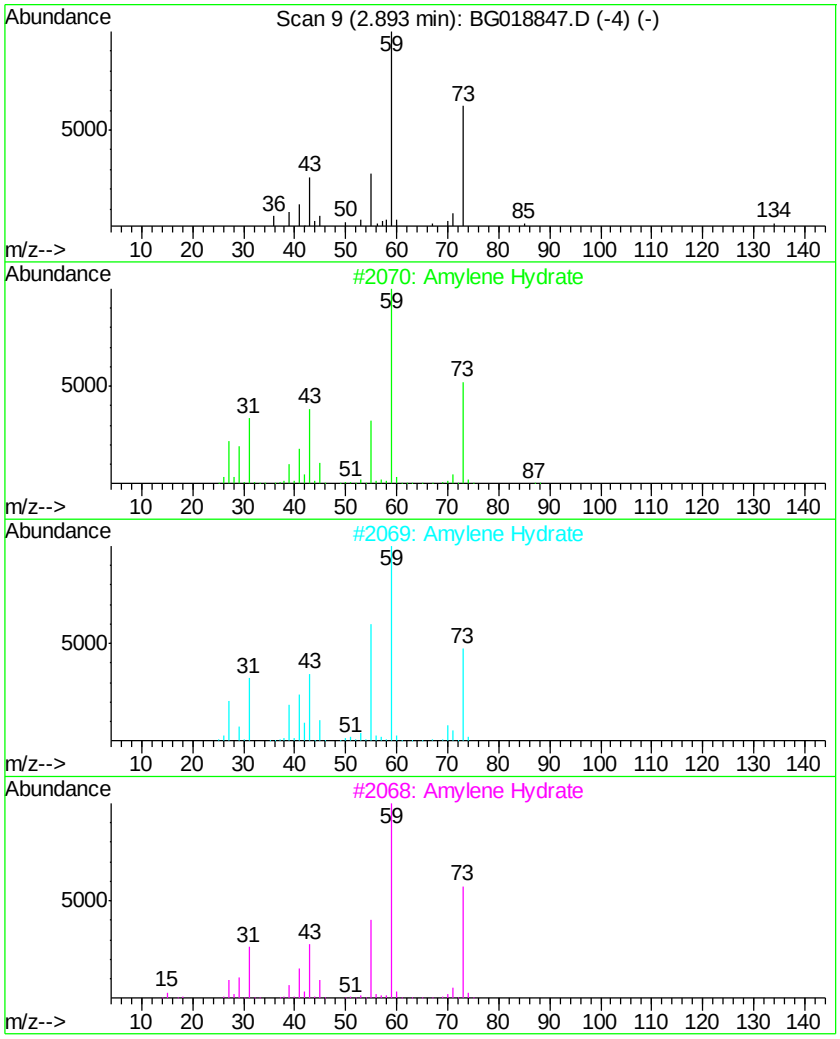
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

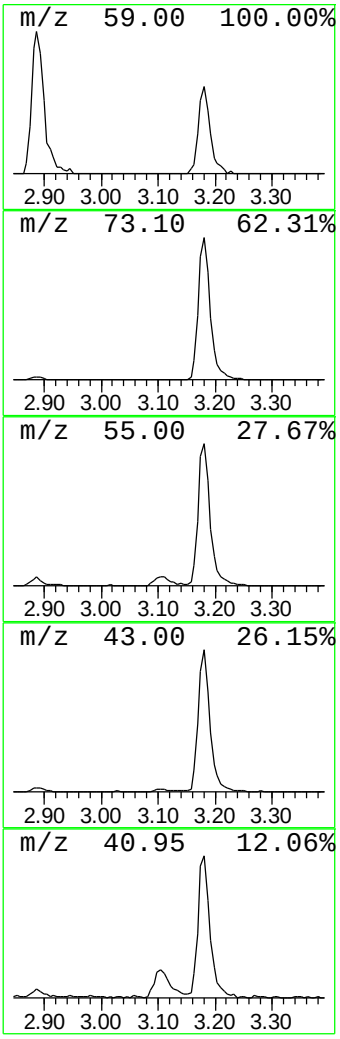
****

Peak Number 1 Amylene Hydrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.44 ng/ul	47072	1,4-Dichlorobenzene-d4	8.00

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	72
3	Amylene Hydrate	88	C5H12O	000075-85-4	64
4	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018847.D
Acq On : 23 Sep 2015 12:38
Operator : UM/NP
Sample : G3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB2

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

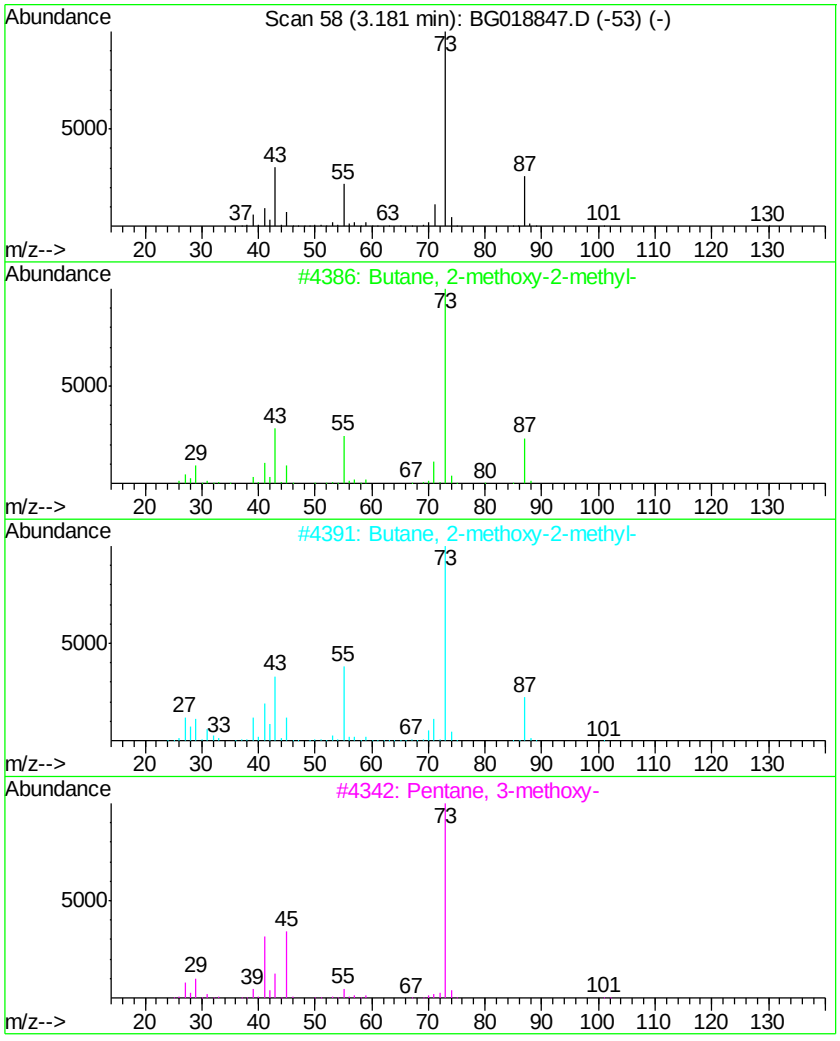
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

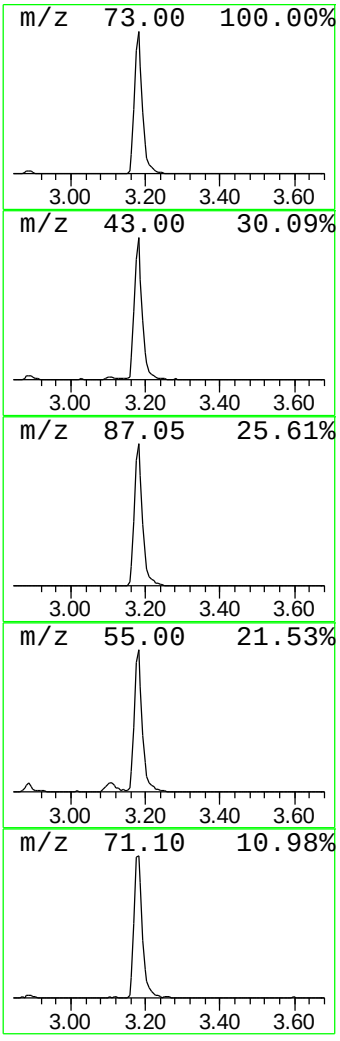
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	39.95 ng/ul	772272	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	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018847.D
Acq On : 23 Sep 2015 12:38
Operator : UM/NP
Sample : G3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB2

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

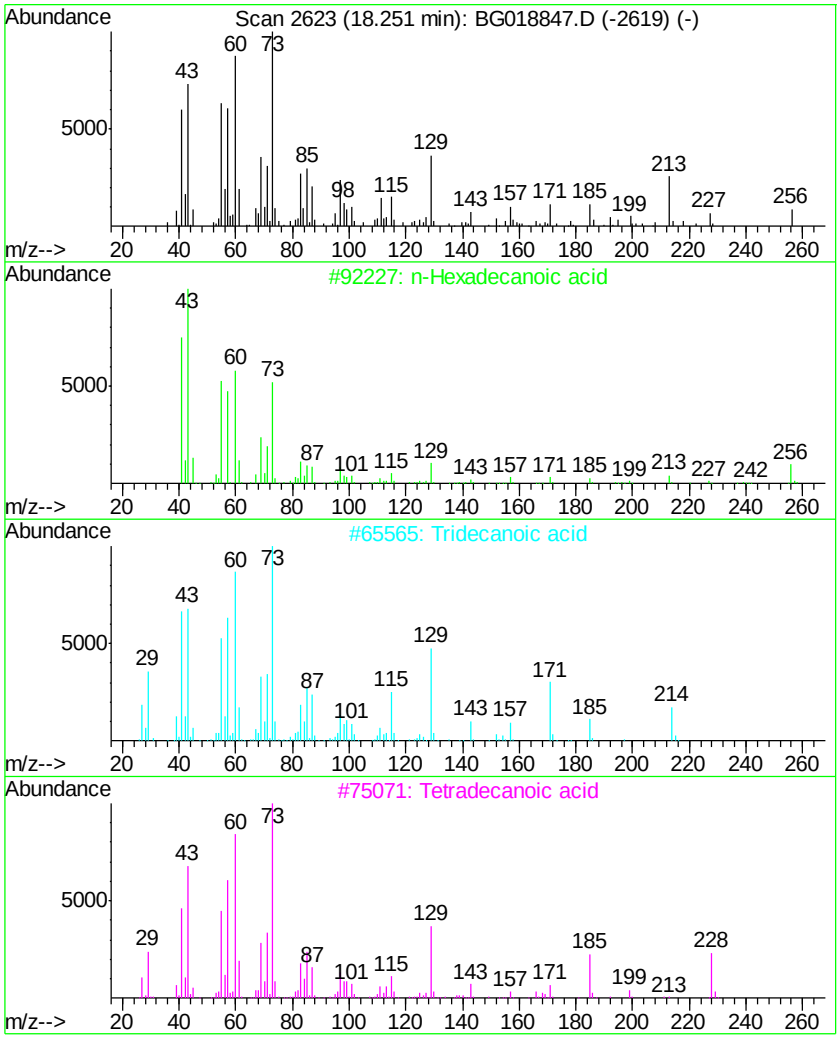
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

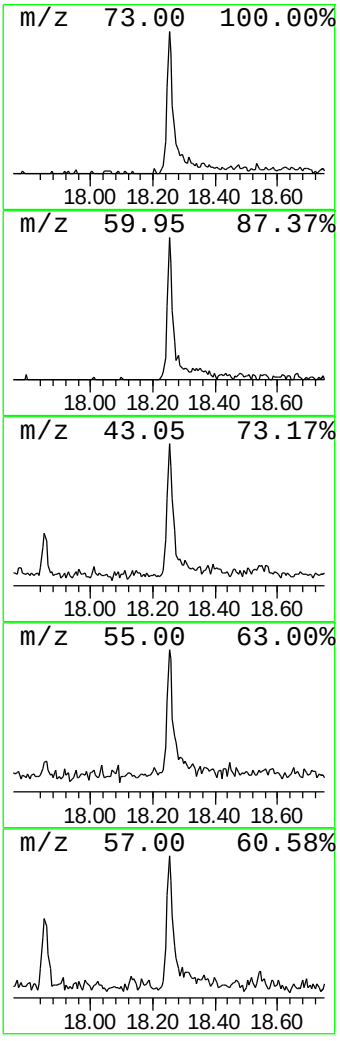
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.83 ng/ul	169408	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092315\
Data File : BG018847.D
Acq On : 23 Sep 2015 12:38
Operator : UM/NP
Sample : G3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB2

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	2.89	2.4	ng/ul	47072	1	8.00	386576	20.0
Butane, 2-methoxy...	3.18	40.0	ng/ul	772272	1	8.00	386576	20.0
n-Hexadecanoic acid	18.25	2.8	ng/ul	169408	4	17.37	1197440	20.0