LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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	2.891	5	9	17	rVB3	21867	34779	2.08%	0.158%
2	3.114	42	47	54	rBV2	41930	72840	4.35%	0.330%
3	3.185	54	59	75	rVB	437600	598726	35.75%	2.716%
4	3.443	99	103	110	rVB5	7265	10116	0.60%	0.046%
5	3.714	148	149	156	rBV4	3127	4949	0.30%	0.022%
6	4.007	196	199	203	rBV4	4015	4605	0.28%	0.021%
7	4.560	290	293	298	rVB4	3035	5428	0.32%	0.025%
8	5.112	381	387	391	rBV5	2703	4388	0.26%	0.020%
9	5.323	420	423	425	rBV4	3402	3868	0.23%	0.018%
10	6.005	535	539	540	rBV2	2638	2911	0.17%	0.013%
11	6.663	649	651	655	rBV4	2814	3269	0.20%	0.015%
12	6.769	664	669	670	rBV2	1881	3006	0.18%	0.014%
13	7.004	707	709	712	rVB3	2753	2897	0.17%	0.013%
14	7.168	728	737	747	rBV	232915	394626	23.57%	1.790%
15	7.333	758	765	774	rBV	209805	322751	19.27%	1.464%
16	7.427	779	781	786	rVB3	2272	3073	0.18%	0.014%
17	7.538	794	800	810	rBV	220789	383581	22.91%	1.740%
18	7.785	837	842	845	rBV5	2503	3995	0.24%	0.018%
19	8.009	874	880	887	rBV	267968	451750	26.98%	2.049%
20	8.073	887	891	893	rVB3	2300	3039	0.18%	0.014%
21	8.161	904	906	909	rBV2	2211	2963	0.18%	0.013%
22	8.708	992	999	1009	rBV	253438	438795	26.20%	1.990%
23	9.166	1070	1077	1086	rBV	233075	408648	24.40%	1.854%
24	9.278	1092	1096	1097	rBV3	3695	4192	0.25%	0.019%
25	9.889	1194	1200	1208	rBV	187919	327637	19.57%	1.486%
26	10.359	1278	1280	1285	rBV5	3231	3773	0.23%	0.017%
27	10.429	1285	1292	1301	rBV	338962	586818	35.04%	2.662%
28	10.817	1349	1358	1367	rBV	421118	764657	45.66%	3.469%
29	10.946	1370	1380	1389	rBV	276258	503788	30.09%	2.285%
30	11.217	1421	1426	1429	rBV4	1494	2901	0.17%	0.013%
31	11.698	1499	1508	1510	rBV5	16512	28264	1.69%	0.128%
32	12.280	1603	1607	1611	rVV2	1817	3357	0.20%	0.015%
33	12.527	1646	1649	1650	rBV2	2745	3056	0.18%	0.014%
34	12.997	1726	1729	1733	rBV3	6441	9660	0.58%	0.044%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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	13.091	1741	1745	1747	rBV2	2415	3006	0.18%	0.014%
36	13.244	1767	1771	1776	rBV3	13937	18891	1.13%	0.086%
37	13.373	1790	1793	1798	rBV5	3679	5759	0.34%	0.026%
38	13.461	1805	1808	1812	rBV3	2845	5128	0.31%	0.023%
39	13.514	1812	1817	1818	rVV2	4144	5000	0.30%	0.023%
40	13.537	1818	1821	1825	rVB5	6595	8470	0.51%	0.038%
41	13.878	1876	1879	1882	rVB4	3089	3361	0.20%	0.015%
42	13.919	1882	1886	1889	rBV4	5226	8313	0.50%	0.038%
43	13.960	1889	1893	1897	rVV6	2577	4457	0.27%	0.020%
44	14.037	1900	1906	1910	rVV	596761	871406	52.04%	3.953%
45	14.084	1910	1914	1921	rVB	321697	444920	26.57%	2.018%
46	14.178	1926	1930	1933	rVB2	4037	5408	0.32%	0.025%
47	14.331	1949	1956	1963	rBV	701074	1060707	63.34%	4.811%
48	14.536	1985	1991	1996	rBV6	7074	11672	0.70%	0.053%
49	14.636	2000	2008	2016	rBV2	722518	1175195	70.18%	5.331%
50	14.701	2016	2019	2023	rVB4	5131	7475	0.45%	0.034%
51	14.748	2023	2027	2031	rBV4	1890	3495	0.21%	0.016%
52	14.824	2031	2040	2048	rBV	292887	467400	27.91%	2.120%
53	15.041	2073	2077	2082	rBV6	5647	10394	0.62%	0.047%
54	15.135	2092	2093	2097	rBV3	2249	2947	0.18%	0.013%
55	15.218	2105	2107	2111	rBV4	3408	5067	0.30%	0.023%
56	15.370	2128	2133	2136	rBV5	3440	4820	0.29%	0.022%
57	15.429	2138	2143	2148	rBV3	8550	15646	0.93%	0.071%
58	15.482	2148	2152	2158	rVV2	19316	27067	1.62%	0.123%
59	15.629	2170	2177	2184	rBV	823962	1235556	73.79%	5.605%
60	15.735	2190	2195	2205	rBV	213488	318210	19.00%	1.443%
61	15.864	2213	2217	2220	rBV5	11469	13659	0.82%	0.062%
62	15.929	2224	2228	2234	rVB5	6308	9858	0.59%	0.045%
63	15.982	2234	2237	2239	rBV3	3572	4250	0.25%	0.019%
64	16.034	2243	2246	2248	rBV3	2827	3408	0.20%	0.015%
65	16.052	2248	2249	2252	rVV3	3581	3041	0.18%	0.014%
66	16.099	2254	2257	2263	rVB5	7981	11610	0.69%	0.053%
67	16.193	2268	2273	2277	rBV7	3888	5815	0.35%	0.026%
68	16.264	2283	2285	2287	rVB3	5163	2868	0.17%	0.013%
69	16.340	2294	2298	2307	rBV	31825	58811	3.51%	0.267%
70	16.522	2325	2329	2331	rVB5	4570	6566	0.39%	0.030%
71	16.692	2354	2358	2360	rBV5	2868	3875	0.23%	0.018%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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

72	16.916	2391	2396	2400	rBV6	5644	9954	0.59%	0.045%
73	16.957	2400	2403	2404	rVB3	4939	4076	0.24%	0.018%
74	16.974	2404	2406	2407	rBV2	4057	3272	0.20%	0.015%
75	17.133	2429	2433	2437	rVV2	33434	41956	2.51%	0.190%
76	17.168	2437	2439	2440	rBV2	6661	5708	0.34%	0.026%
77	17.268	2453	2456	2459	rBV4	9164	13221	0.79%	0.060%
78	17.333	2464	2467	2468	rBV3	6143	4996	0.30%	0.023%
79	17.380	2468	2475	2480	rVV	1008554	1511150	90.24%	6.855%
80	17.421	2480	2482	2485	rVV2	33278	34219	2.04%	0.155%
81	17.480	2485	2492	2500	rVB	918200	1428038	85.28%	6.478%
82	17.656	2519	2522	2525	rBV4	5100	6804	0.41%	0.031%
83	17.873	2554	2559	2563	rBV2	22425	28854	1.72%	0.131%
84	18.044	2584	2588	2591	rVB4	7632	10142	0.61%	0.046%
85	18.132	2601	2603	2604	rBV2	5888	3943	0.24%	0.018%
86	18.202	2612	2615	2621	rBV6	12164	23592	1.41%	0.107%
87	18.267	2621	2626	2642	rVV	242324	387504	23.14%	1.758%
88	18.561	2673	2676	2679	rBV4	12719	18921	1.13%	0.086%
89	18.590	2679	2681	2688	rVB7	13805	24834	1.48%	0.113%
90	18.878	2728	2730	2732	rBV3	5905	4786	0.29%	0.022%
91	19.425	2819	2823	2829	rVB	68502	102384	6.11%	0.464%
92	19.536	2837	2842	2852	rBV3	82976	166152	9.92%	0.754%
93	19.683	2863	2867	2872	rVB	395939	435412	26.00%	1.975%
94	19.759	2874	2880	2892	rVB2	906145	1386706	82.81%	6.290%
95	20.723	3040	3044	3051	rVB	385492	415615	24.82%	1.885%
96	21.293	3137	3141	3149	rBV6	92825	241118	14.40%	1.094%
97	21.640	3193	3200	3206	rBV	981068	1674535	100.00%	7.596%
98	23.937	3586	3591	3598	rVB4	59239	130913	7.82%	0.594%
99	24.613	3698	3706	3716	rVB2	404883	1067693	63.76%	4.843%
100	24.836	3734	3744	3757	rBV2	575979	1602150	95.68%	7.268%

Sum of corrected areas: 22045285

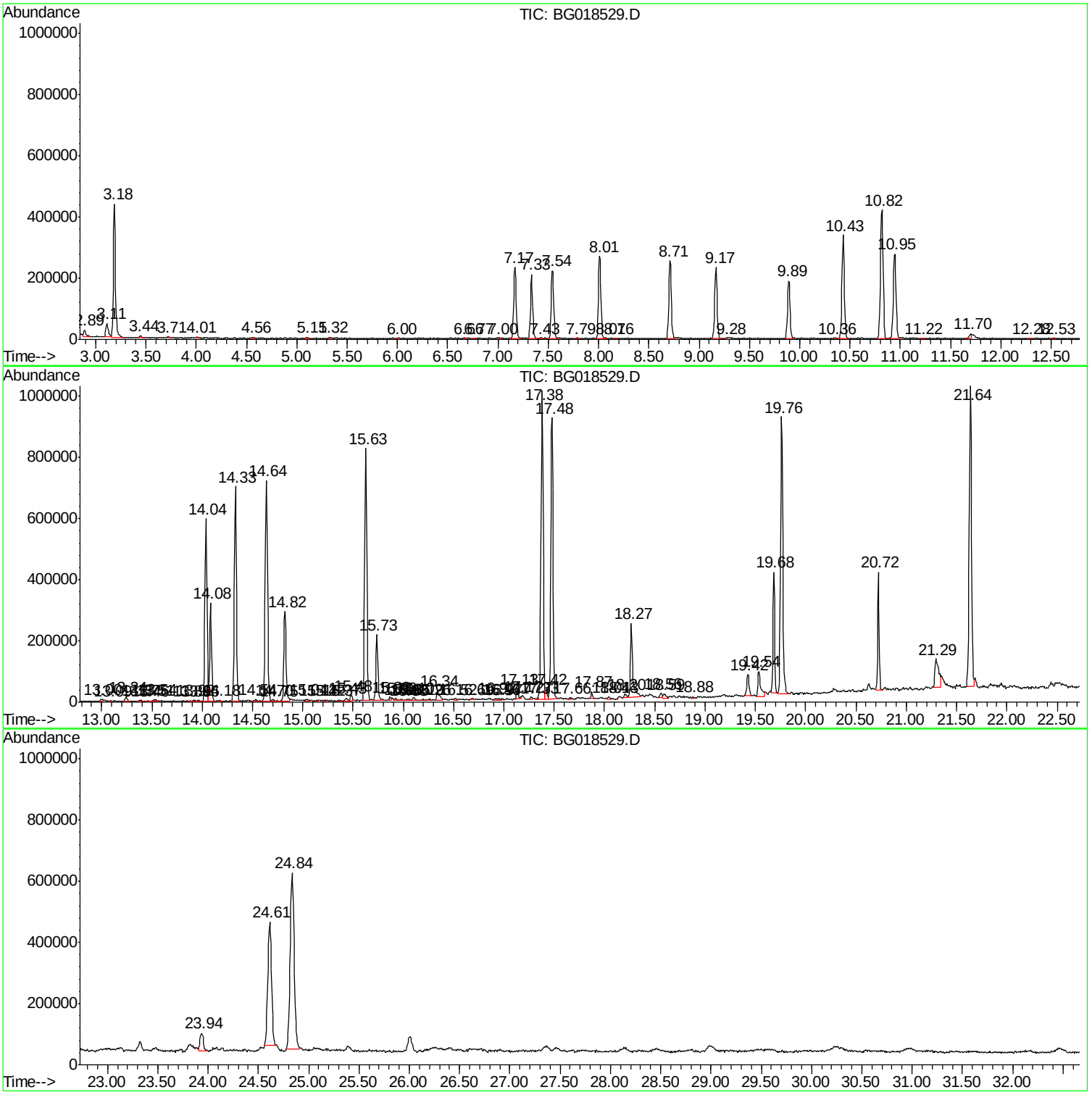
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC5

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 : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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

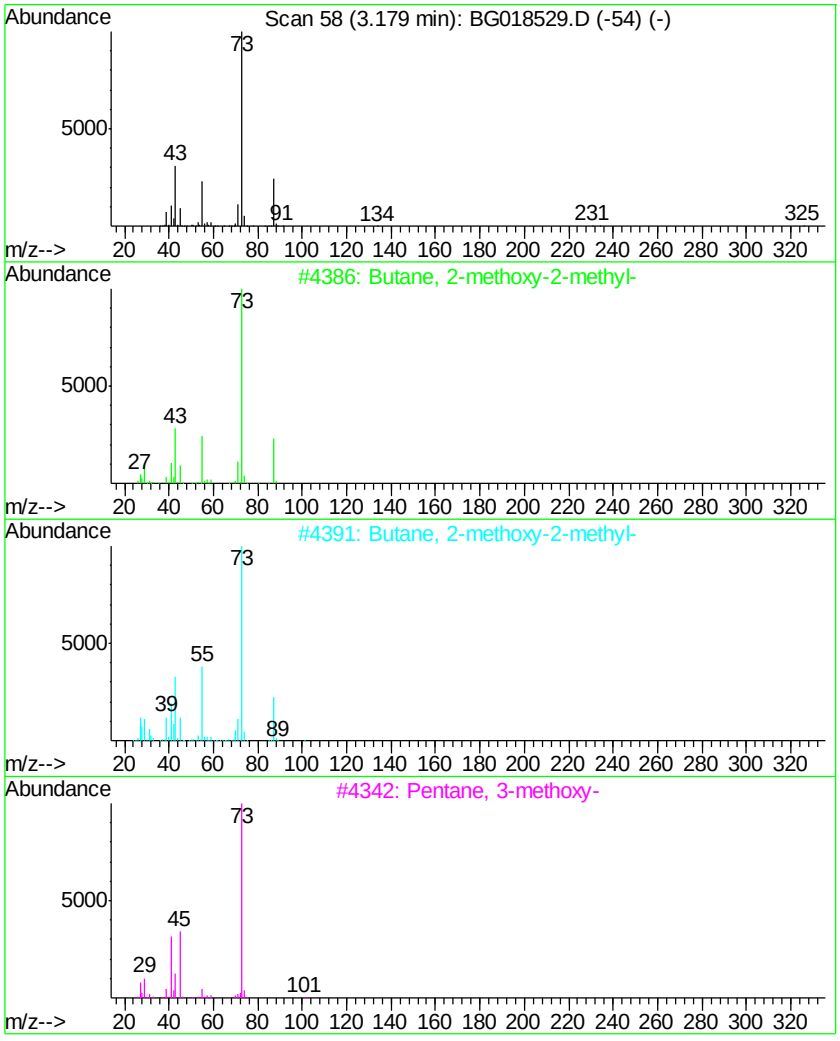
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

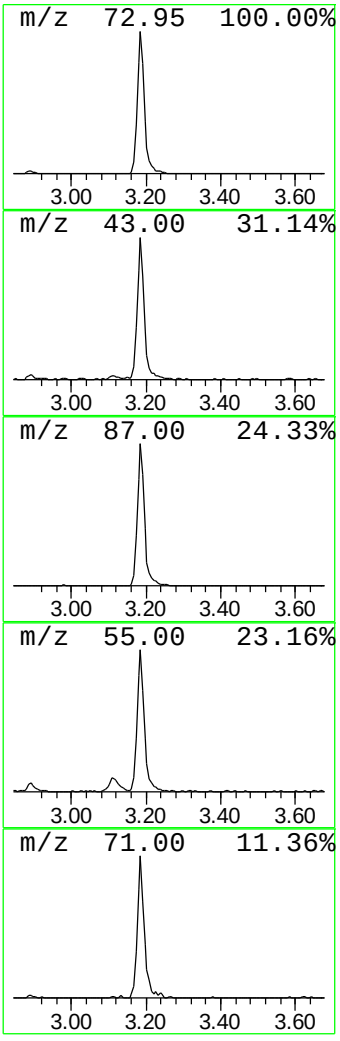
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	26.51 ng/ul	598726	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	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\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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

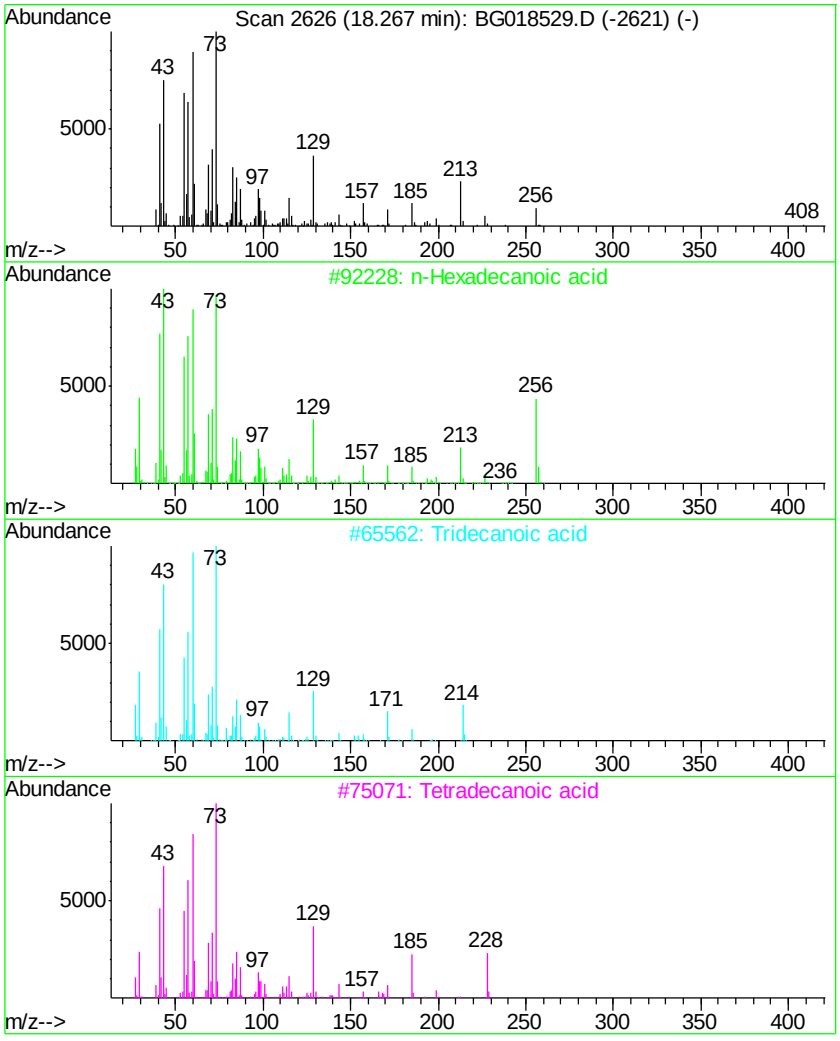
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

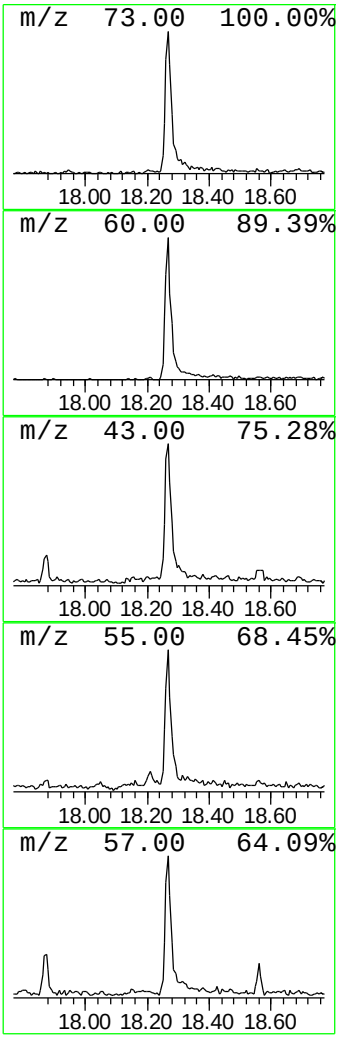
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.13 ng/ul	387504	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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

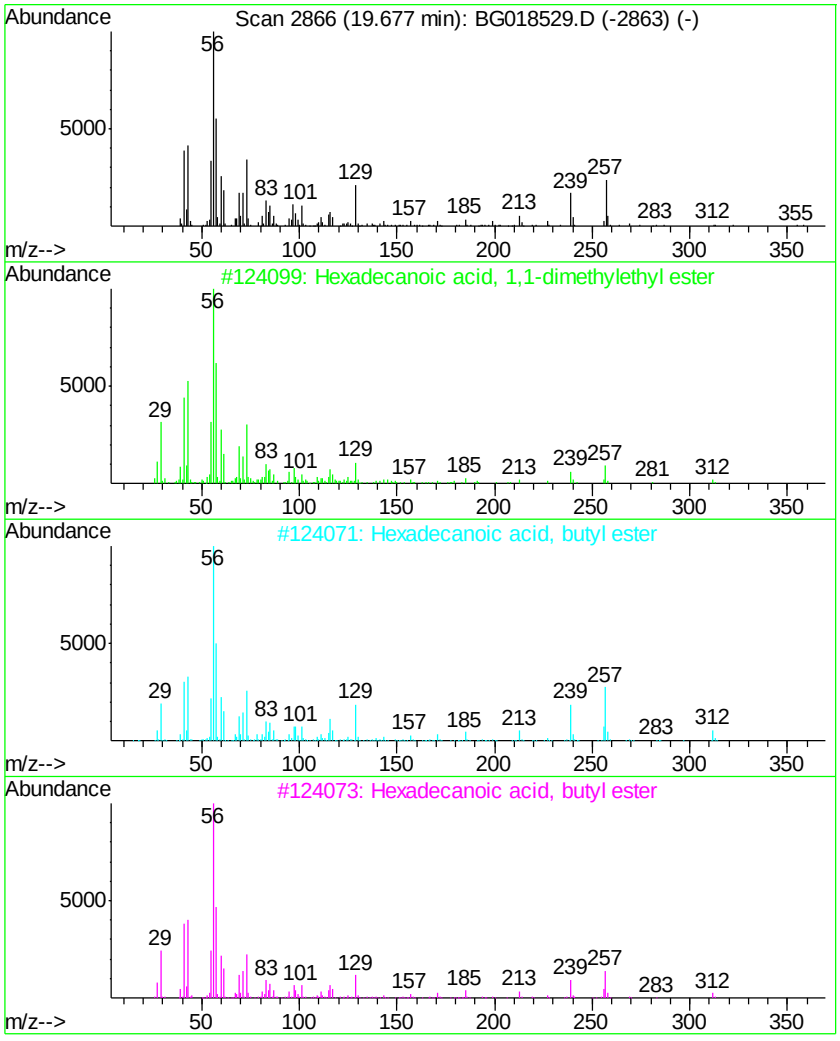
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

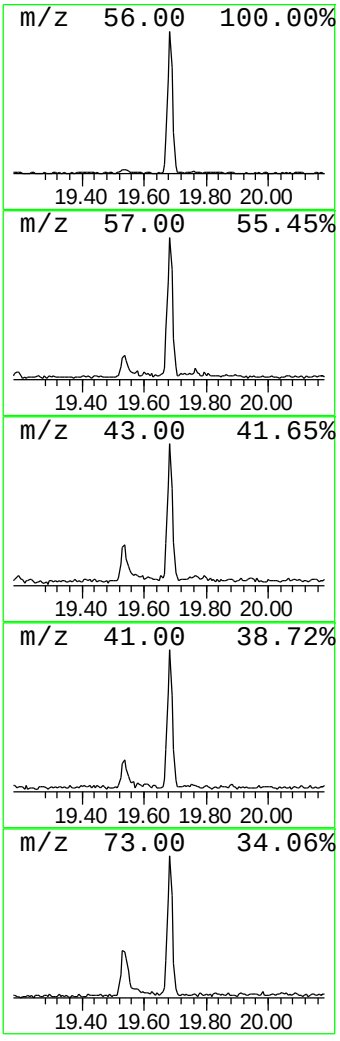
****

Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	5.20 ng/ul	435412	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	97
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	53
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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

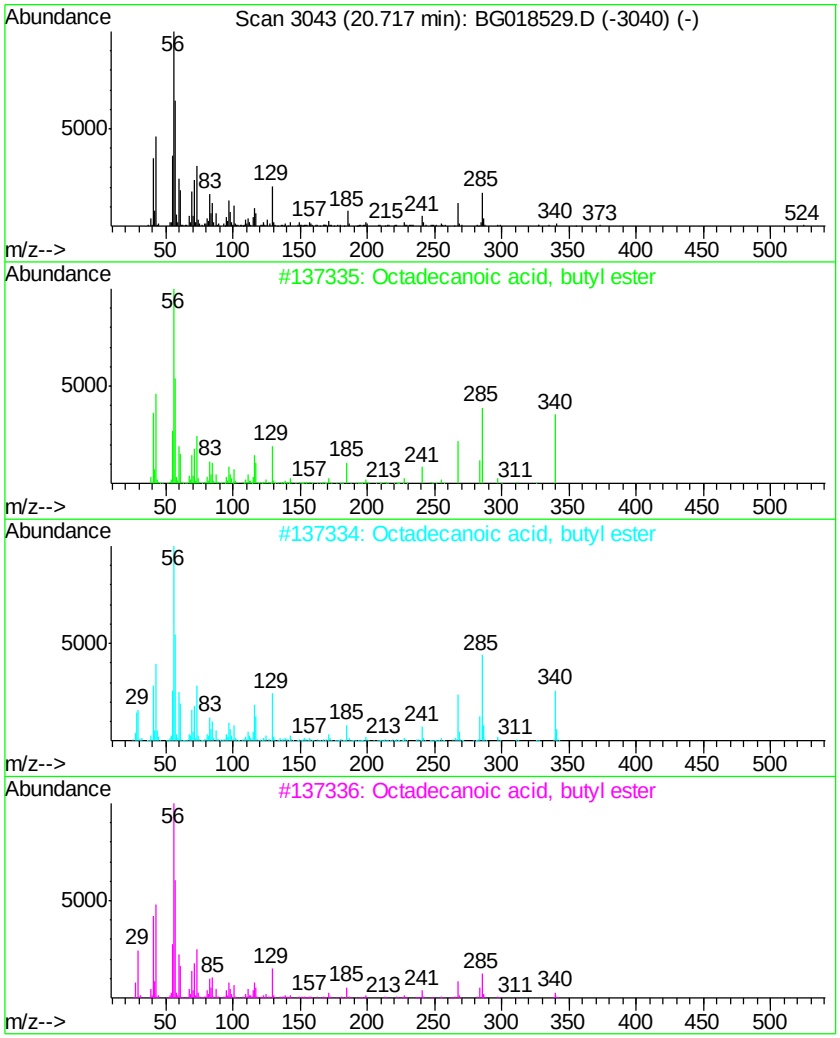
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

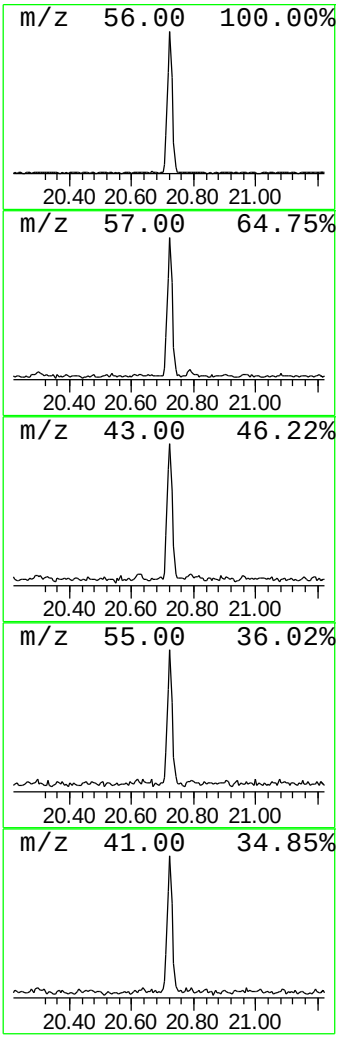
****

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	4.96 ng/ul	415615	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
4	n-Butyl myristate	284	C18H36O2	000110-36-1	74
5	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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

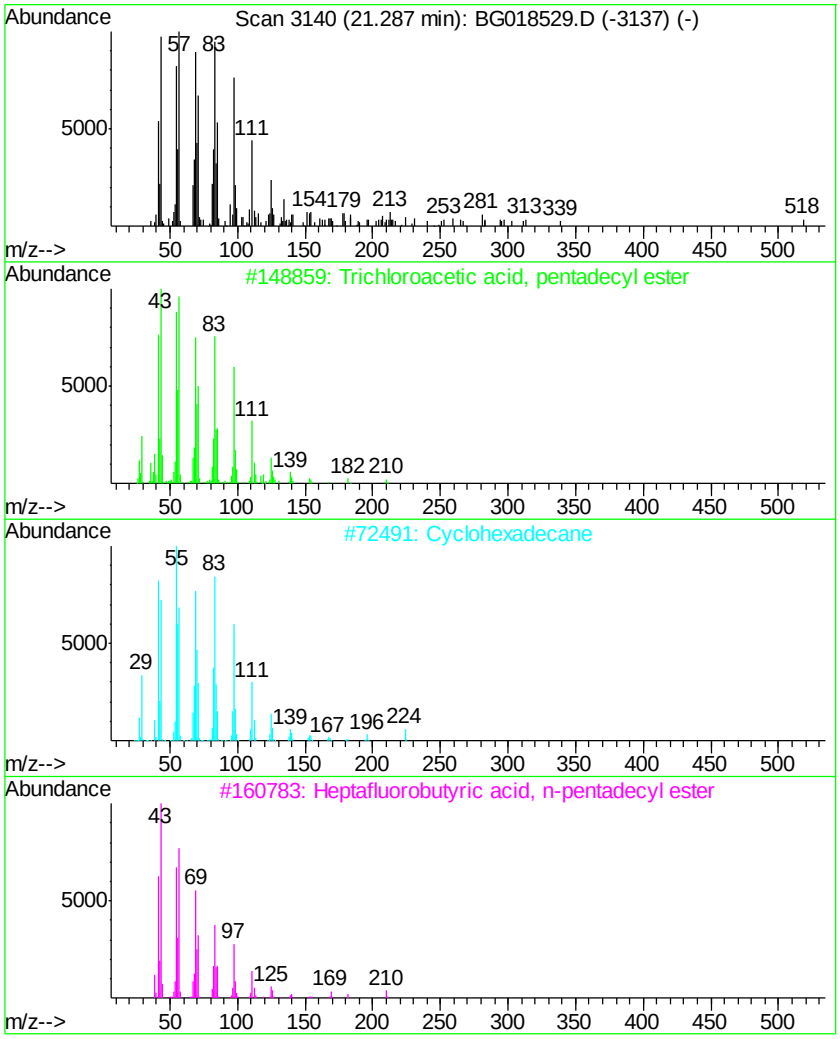
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

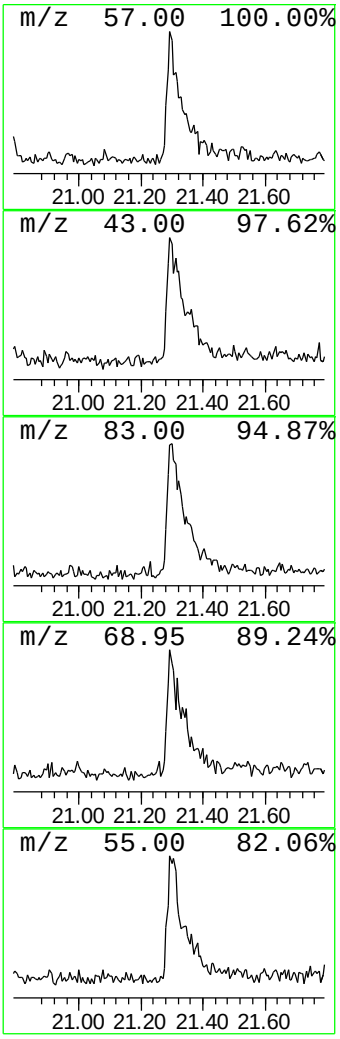
****

Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.88 ng/ul	241118	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018529.D
Acq On : 29 Aug 2015 1:25
Operator : UM/MA
Sample : G3448-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

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
Butane, 2-methoxy...	3.18	26.5	ng/ul	598726	1	8.01	451750	20.0
n-Hexadecanoic acid	18.27	5.1	ng/ul	387504	4	17.38	1511150	20.0
Hexadecanoic acid...	19.68	5.2	ng/ul	435412	5	21.64	1674540	20.0
Octadecanoic acid...	20.72	5.0	ng/ul	415615	5	21.64	1674540	20.0
Trichloroacetic a...	21.29	2.9	ng/ul	241118	5	21.64	1674540	20.0