LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046238.D
Acq On : 12 Aug 2020 19:44
Operator : CG/JU
Sample : L3612-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFN2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.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	3.161	7	12	34	rVB	1872416	3230683	100.00%	14.560%
2	3.414	53	55	65	rVB5	8873	17155	0.53%	0.077%
3	3.937	139	144	145	rBV5	3436	3525	0.11%	0.016%
4	4.072	160	167	175	rVB	17020	31931	0.99%	0.144%
5	4.160	179	182	187	rVB3	6225	9240	0.29%	0.042%
6	5.065	331	336	342	rVB	13022	19810	0.61%	0.089%
7	7.115	676	685	697	rBV	161456	280331	8.68%	1.263%
8	7.280	703	713	721	rBV	145767	247539	7.66%	1.116%
9	7.486	741	748	756	rBV	174067	297611	9.21%	1.341%
10	7.562	756	761	763	rBV3	6995	11090	0.34%	0.050%
11	7.950	819	827	836	rBV	355687	603871	18.69%	2.722%
12	8.020	836	839	842	rVB3	2278	3253	0.10%	0.015%
13	8.655	939	947	954	rBV	195096	342525	10.60%	1.544%
14	8.766	961	966	975	rVB2	9060	14807	0.46%	0.067%
15	9.101	1016	1023	1031	rBV	169112	295535	9.15%	1.332%
16	9.824	1137	1146	1155	rBV	136448	240152	7.43%	1.082%
17	10.365	1231	1238	1247	rBV	198914	357221	11.06%	1.610%
18	10.746	1295	1303	1315	rBV	509272	887672	27.48%	4.001%
19	10.876	1317	1325	1335	rBV	149992	281357	8.71%	1.268%
20	12.333	1571	1573	1578	rVB5	3400	4341	0.13%	0.020%
21	12.920	1665	1673	1674	rBV7	3693	6873	0.21%	0.031%
22	12.938	1674	1676	1681	rVB5	4379	7555	0.23%	0.034%
23	13.191	1714	1719	1723	rBV2	6536	8122	0.25%	0.037%
24	13.484	1762	1769	1775	rBV6	8696	13151	0.41%	0.059%
25	13.714	1804	1808	1814	rBV3	4461	8220	0.25%	0.037%
26	13.978	1847	1853	1858	rBV	432429	625002	19.35%	2.817%
27	14.025	1858	1861	1867	rVB	100285	141871	4.39%	0.639%
28	14.266	1892	1902	1909	rBV	437167	689470	21.34%	3.107%
29	14.577	1947	1955	1963	rVV	786526	1260437	39.01%	5.681%
30	14.765	1981	1987	2003	rBV	92839	206492	6.39%	0.931%
31	14.994	2022	2026	2031	rBV5	4690	7838	0.24%	0.035%
32	15.088	2038	2042	2046	rVB6	2218	3623	0.11%	0.016%
33	15.394	2089	2094	2097	rVB3	3020	5431	0.17%	0.024%
34	15.564	2115	2123	2132	rBV	636971	951273	29.44%	4.287%

LSC Area Percent Report

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Sample : L3612-04
Misc :
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Instrument : BNA_G
ClientSampleId : DBFN2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Title : SVOA CALIBRATION

35	15.676	2135	2142	2151	rVV	139949	221092	6.84%	0.996%
36	15.741	2151	2153	2156	rVV3	3010	3285	0.10%	0.015%
37	15.811	2160	2165	2170	rVB4	6476	10057	0.31%	0.045%
38	16.346	2251	2256	2262	rVB4	4522	9526	0.29%	0.043%
39	17.021	2367	2371	2374	rBV5	4711	5818	0.18%	0.026%
40	17.080	2376	2381	2384	rBV5	6850	11570	0.36%	0.052%
41	17.315	2413	2421	2432	rBV	1006311	1538074	47.61%	6.932%
42	17.415	2432	2438	2447	rVB2	617057	936448	28.99%	4.220%
43	17.503	2452	2453	2458	rVB5	3362	3417	0.11%	0.015%
44	17.603	2468	2470	2476	rVB3	3541	5576	0.17%	0.025%
45	17.715	2484	2489	2492	rBV5	3131	4976	0.15%	0.022%
46	17.820	2504	2507	2511	rBV5	2914	3306	0.10%	0.015%
47	17.991	2533	2536	2545	rVB5	4524	10277	0.32%	0.046%
48	18.155	2558	2564	2569	rBV6	22964	45206	1.40%	0.204%
49	18.220	2569	2575	2582	rVV	125133	194818	6.03%	0.878%
50	18.285	2583	2586	2591	rVB	17098	25396	0.79%	0.114%
51	18.637	2644	2646	2648	rBV3	3866	4066	0.13%	0.018%
52	18.690	2653	2655	2658	rVV4	3819	4074	0.13%	0.018%
53	18.772	2667	2669	2676	rVB8	3482	6011	0.19%	0.027%
54	19.078	2719	2721	2722	rVV2	4733	4263	0.13%	0.019%
55	19.101	2722	2725	2729	rVV5	8622	11022	0.34%	0.050%
56	19.142	2730	2732	2738	rVB7	6059	6951	0.22%	0.031%
57	19.242	2745	2749	2750	rBV4	4497	6504	0.20%	0.029%
58	19.330	2761	2764	2765	rBV3	10659	10361	0.32%	0.047%
59	19.366	2766	2770	2778	rVB	51864	75493	2.34%	0.340%
60	19.489	2787	2791	2798	rBV5	27336	43653	1.35%	0.197%
61	19.589	2804	2808	2813	rVB2	8762	15473	0.48%	0.070%
62	19.642	2815	2817	2820	rBV4	4502	4109	0.13%	0.019%
63	19.695	2820	2826	2837	rBV	752632	1203645	37.26%	5.425%
64	20.218	2912	2915	2918	rBV5	10850	14434	0.45%	0.065%
65	20.253	2918	2921	2924	rVB3	14195	13977	0.43%	0.063%
66	20.647	2984	2988	2992	rBV3	52391	67573	2.09%	0.305%
67	21.023	3049	3052	3056	rBV2	63366	76256	2.36%	0.344%
68	21.228	3083	3087	3096	rBV	239814	356141	11.02%	1.605%
69	21.469	3126	3128	3136	rVB2	34476	48356	1.50%	0.218%
70	21.563	3137	3144	3151	rBV	1073208	1760066	54.48%	7.932%
71	22.380	3279	3283	3290	rVB4	39538	77347	2.39%	0.349%

LSC Area Percent Report

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Sample : L3612-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFN2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Title : SVOA CALIBRATION

72	23.038	3392	3395	3400	rVB3	21237	32822	1.02%	0.148%
73	23.819	3524	3528	3534	rBV2	37496	60783	1.88%	0.274%
74	24.454	3626	3636	3644	rBV	430009	1127470	34.90%	5.081%
75	24.665	3662	3672	3681	rBV2	691476	1870397	57.89%	8.430%
76	25.829	3864	3870	3880	rVB3	51454	129490	4.01%	0.584%
77	25.940	3882	3889	3895	rVB7	32365	81183	2.51%	0.366%
78	28.349	4290	4299	4308	rBV7	32704	118521	3.67%	0.534%
79	28.714	4354	4361	4362	rBV7	34686	67348	2.08%	0.304%
80	29.801	4534	4546	4557	rBV9	138456	630074	19.50%	2.840%
81	31.828	4884	4891	4892	rBV7	64956	116678	3.61%	0.526%

Sum of corrected areas: 22188390

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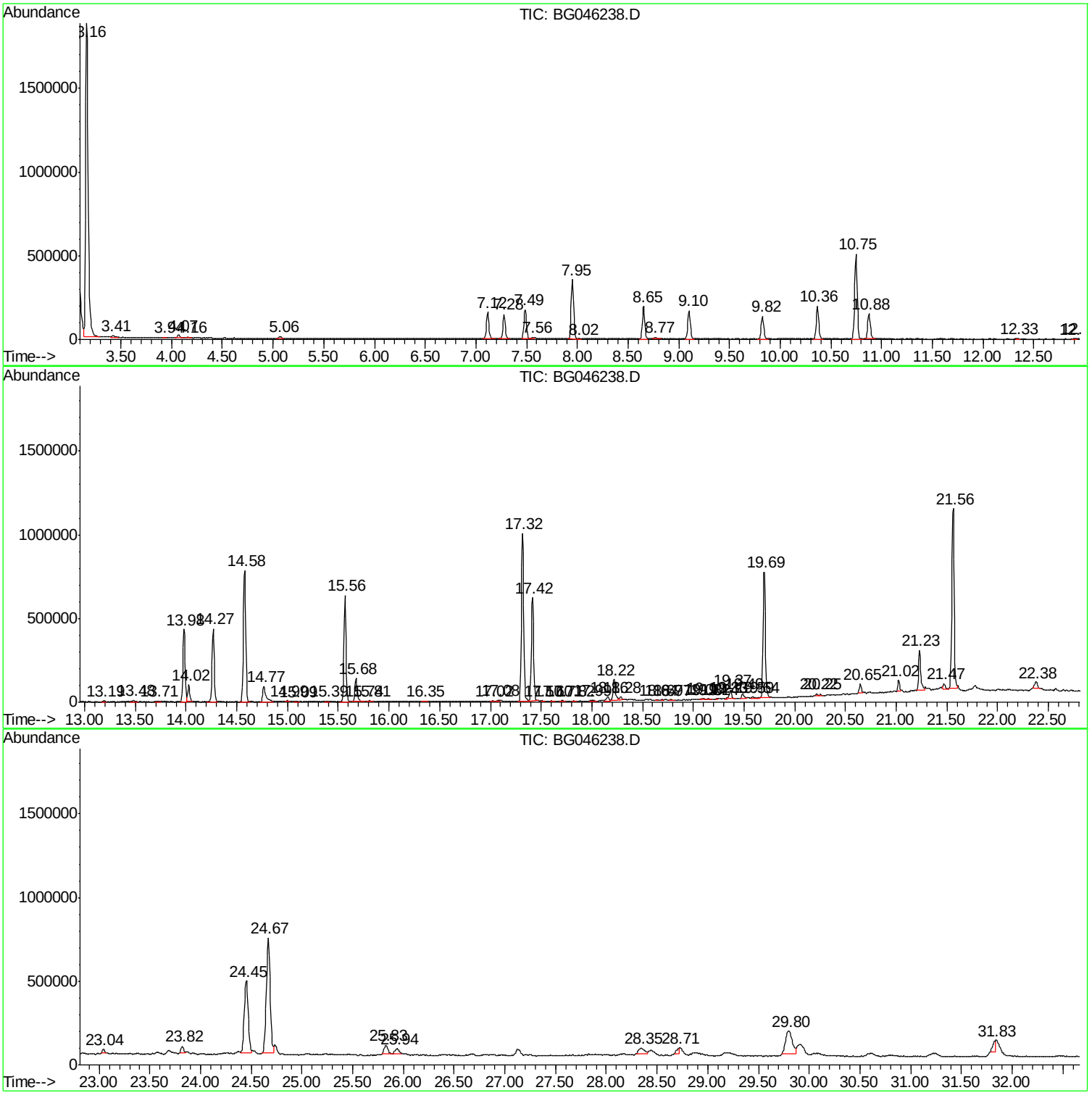
Instrument : BNA_G
ClientSampleId : DBFN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046238.D
Acq On : 12 Aug 2020 19:44
Operator : CG/JU
Sample : L3612-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

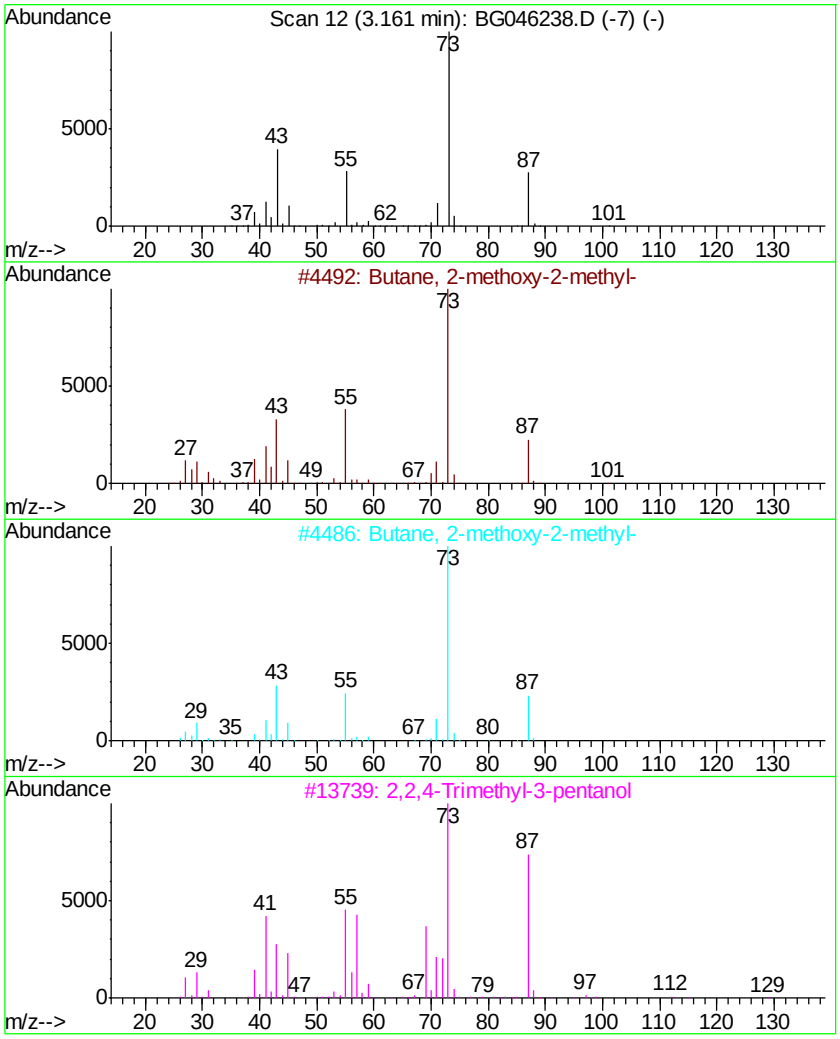
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

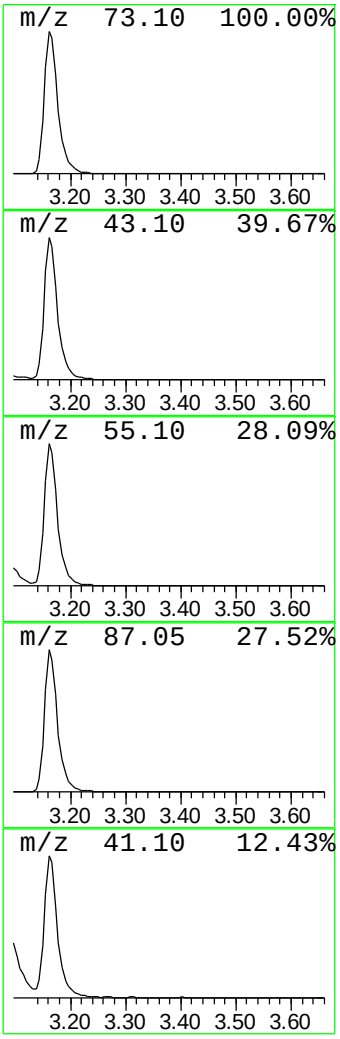
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	107.00 ng/ul	3230680	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





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Data File : BG046238.D
Acq On : 12 Aug 2020 19:44
Operator : CG/JU
Sample : L3612-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

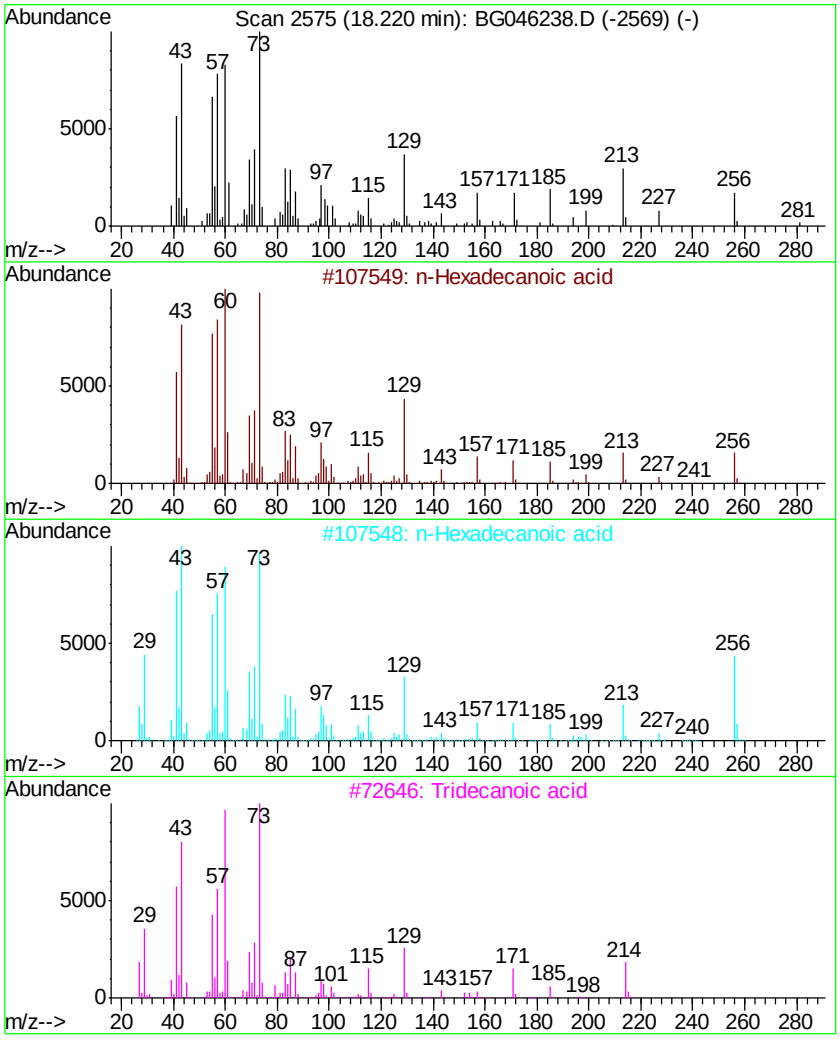
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

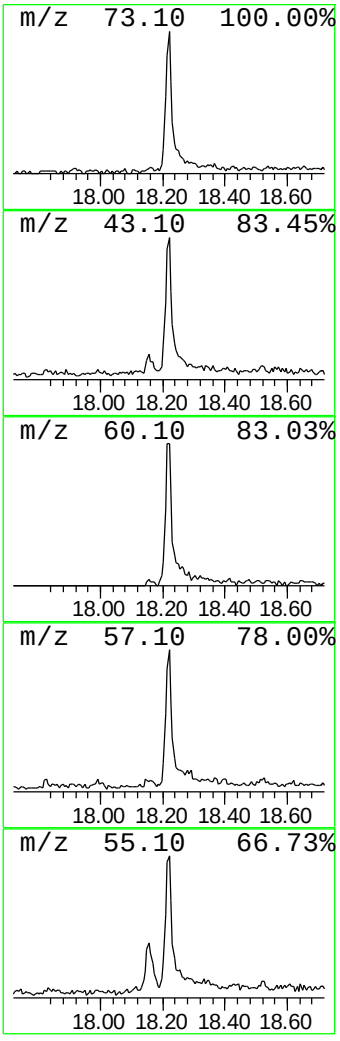
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.53 ng/ul	194818	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
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Acq On : 12 Aug 2020 19:44
Operator : CG/JU
Sample : L3612-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

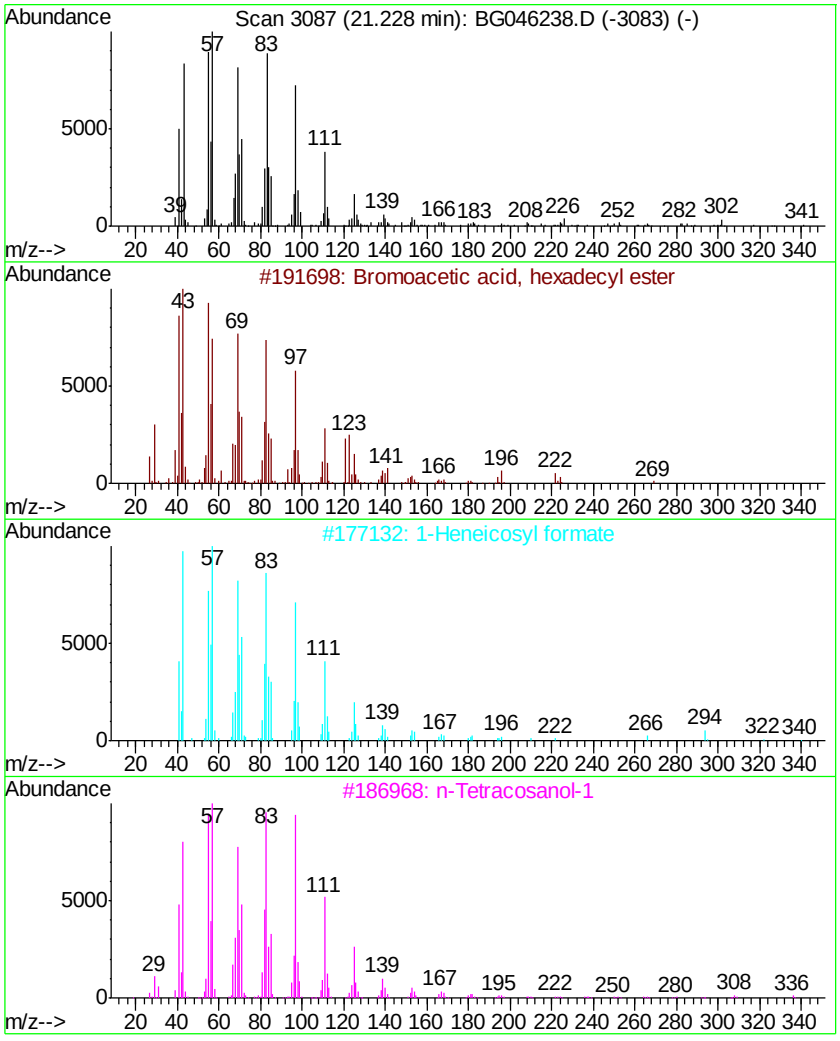
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

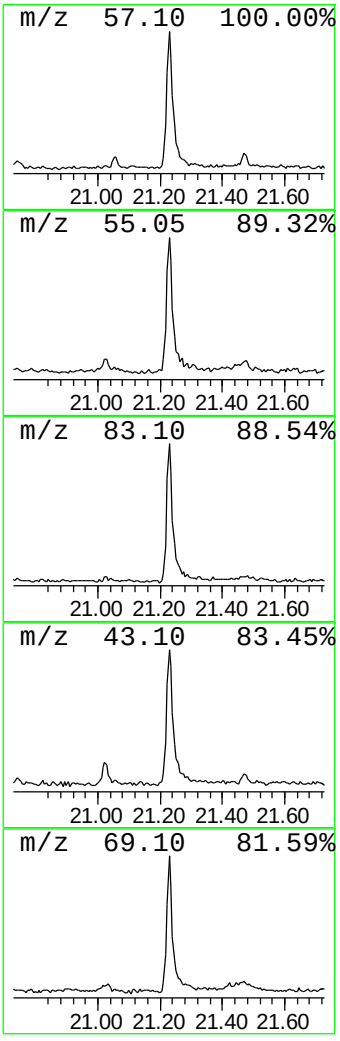
****

Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.05 ng/ul	356141	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	E-7-Octadecene	252	C18H36	1000130-92-0	92





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : DBFN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

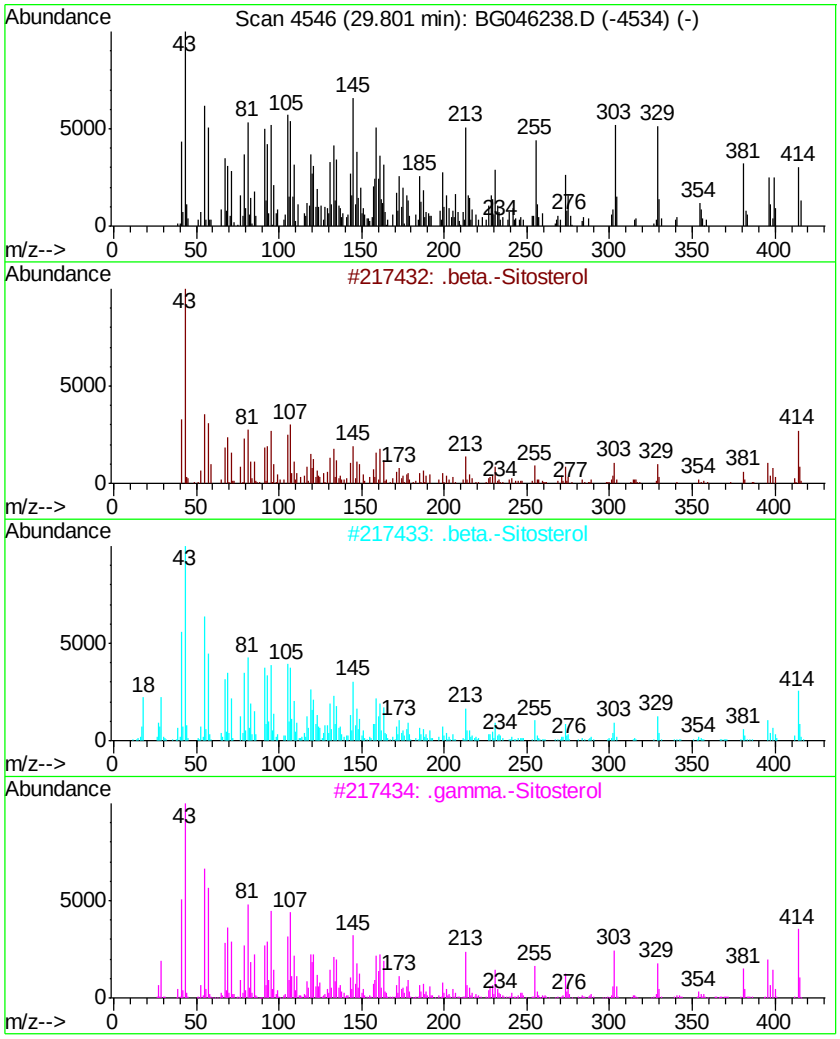
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

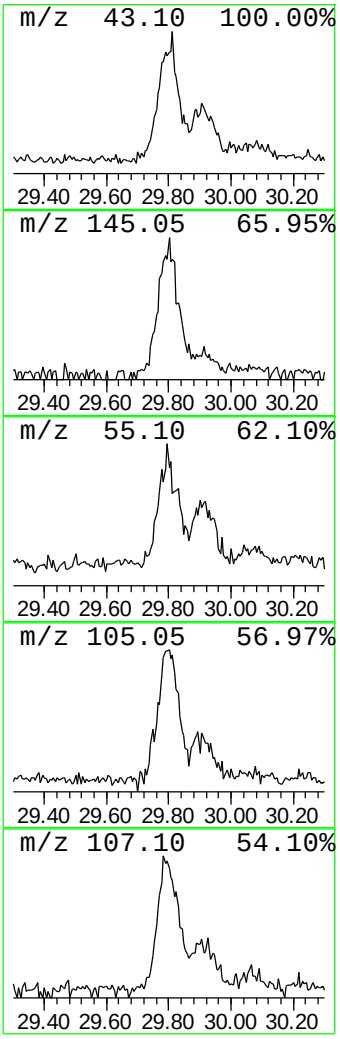
****

Peak Number 4 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.80	6.74 ng/ul	630074	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	47
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	41
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	15
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	11





Tentatively Identified Compound (LSC) summary

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Acq On : 12 Aug 2020 19:44
Operator : CG/JU
Sample : L3612-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	107.0	ng/ul	3230680	1	7.95	603871	20.0
n-Hexadecanoic acid	18.22	2.5	ng/ul	194818	4	17.32	1538070	20.0
Bromoacetic acid,...	21.23	4.0	ng/ul	356141	5	21.56	1760070	20.0
.beta.-Sitosterol	29.80	6.7	ng/ul	630074	6	24.67	1870400	20.0