LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

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\SFAM-EPA-BG093021.M
Title : SVOA CALIBRATION

Signal : TIC: BG050344.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.605	14	20	52	rVB	1003864	2140649	100.00%	11.406%
2	3.928	71	75	77	rBV5	2242	3449	0.16%	0.018%
3	4.069	95	99	105	rBV	35868	63330	2.96%	0.337%
4	4.299	132	138	144	rBV3	5562	9012	0.42%	0.048%
5	4.404	152	156	164	rVB3	4792	7902	0.37%	0.042%
6	5.344	312	316	320	rVV3	4383	7494	0.35%	0.040%
7	7.201	628	632	637	rBV5	5575	9288	0.43%	0.049%
8	7.401	659	666	677	rBV2	74541	146920	6.86%	0.783%
9	7.583	690	697	709	rBV	176439	323577	15.12%	1.724%
10	7.794	725	733	743	rBV	188375	345341	16.13%	1.840%
11	7.865	743	745	752	rVB6	1881	3208	0.15%	0.017%
12	8.270	806	814	827	rVB	180265	326096	15.23%	1.738%
13	8.499	849	853	855	rBV4	1740	2555	0.12%	0.014%
14	8.799	901	904	908	rBV4	2071	3383	0.16%	0.018%
15	8.958	921	931	942	rBV	181835	322219	15.05%	1.717%
16	9.440	1006	1013	1020	rBV	229161	415629	19.42%	2.215%
17	9.510	1020	1025	1031	rVB5	3497	5495	0.26%	0.029%
18	9.598	1036	1040	1042	rBV3	2017	2747	0.13%	0.015%
19	10.162	1128	1136	1145	rBV2	176303	327124	15.28%	1.743%
20	10.356	1165	1169	1178	rVB5	3160	6866	0.32%	0.037%
21	10.703	1219	1228	1235	rBV	271001	488726	22.83%	2.604%
22	10.844	1244	1252	1261	rBV	106173	184640	8.63%	0.984%
23	11.096	1287	1295	1303	rBV	240116	447064	20.88%	2.382%
24	11.220	1309	1316	1325	rVB	237698	448006	20.93%	2.387%
25	11.837	1415	1421	1427	rBV5	5566	10186	0.48%	0.054%
26	12.659	1556	1561	1566	rBV3	5764	7780	0.36%	0.041%
27	13.241	1656	1660	1666	rVB5	2251	3585	0.17%	0.019%
28	13.488	1697	1702	1707	rBV5	3679	6061	0.28%	0.032%
29	13.717	1737	1741	1745	rBV3	2838	3631	0.17%	0.019%
30	13.764	1745	1749	1753	rVB2	1943	2495	0.12%	0.013%
31	13.858	1760	1765	1767	rBV3	1509	2144	0.10%	0.011%
32	14.281	1831	1837	1845	rBV	576884	878764	41.05%	4.682%
33	14.504	1872	1875	1880	rBV5	4145	6898	0.32%	0.037%
34	14.586	1882	1889	1898	rVB	574577	951180	44.43%	5.068%
35	14.751	1915	1917	1922	rBV3	1559	2306	0.11%	0.012%
36	14.886	1932	1940	1948	rVV	387084	636543	29.74%	3.392%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

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\SFAM-EPA-BG093021.M
Title : SVOA CALIBRATION

37	15.045	1961	1967	1975	rBV	98762	166848	7.79%	0.889%
38	15.268	1999	2005	2009	rBV5	5193	8063	0.38%	0.043%
39	15.609	2056	2063	2069	rBV	96594	139320	6.51%	0.742%
40	15.668	2069	2073	2074	rBV2	2594	3337	0.16%	0.018%
41	15.709	2079	2080	2083	rVB2	2912	2214	0.10%	0.012%
42	15.873	2101	2108	2117	rVB	814493	1283490	59.96%	6.839%
43	15.973	2119	2125	2133	rBV	299502	448291	20.94%	2.389%
44	16.120	2142	2150	2154	rVB4	7490	13430	0.63%	0.072%
45	16.220	2161	2167	2169	rBV5	1879	3096	0.14%	0.016%
46	16.267	2171	2175	2177	rVV4	3427	4100	0.19%	0.022%
47	16.320	2180	2184	2188	rVB6	3461	5538	0.26%	0.030%
48	16.549	2219	2223	2225	rVV4	3206	4553	0.21%	0.024%
49	16.590	2228	2230	2234	rVV4	5934	8148	0.38%	0.043%
50	16.649	2238	2240	2244	rVB4	3048	3977	0.19%	0.021%
51	16.755	2254	2258	2262	rVB6	3263	5098	0.24%	0.027%
52	16.978	2292	2296	2297	rBV4	2104	2630	0.12%	0.014%
53	17.078	2309	2313	2315	rBV4	2119	2963	0.14%	0.016%
54	17.154	2321	2326	2329	rBV5	1735	2954	0.14%	0.016%
55	17.213	2333	2336	2337	rBV3	2116	2381	0.11%	0.013%
56	17.360	2359	2361	2365	rBV3	2453	2315	0.11%	0.012%
57	17.413	2365	2370	2379	rVB7	5861	12548	0.59%	0.067%
58	17.512	2384	2387	2392	rBV3	4691	6207	0.29%	0.033%
59	17.630	2400	2407	2415	rVV	517569	808053	37.75%	4.306%
60	17.730	2417	2424	2435	rVB	1003321	1557455	72.76%	8.299%
61	17.812	2435	2438	2441	rVB4	2501	3697	0.17%	0.020%
62	17.965	2461	2464	2465	rBV2	1986	2273	0.11%	0.012%
63	17.982	2465	2467	2471	rVB3	1959	2751	0.13%	0.015%
64	18.106	2484	2488	2490	rBV4	2887	4038	0.19%	0.022%
65	18.159	2493	2497	2501	rVV2	7890	11882	0.56%	0.063%
66	18.212	2502	2506	2511	rVV	17202	22507	1.05%	0.120%
67	18.276	2511	2517	2522	rVB2	18857	28738	1.34%	0.153%
68	18.370	2528	2533	2535	rBV6	3388	4510	0.21%	0.024%
69	18.488	2547	2553	2561	rBV	102069	155547	7.27%	0.829%
70	18.547	2561	2563	2565	rVB3	2317	2371	0.11%	0.013%
71	18.635	2574	2578	2582	rBV6	2416	3697	0.17%	0.020%
72	18.735	2593	2595	2598	rVV4	2936	2292	0.11%	0.012%
73	18.782	2601	2603	2605	rVV2	3233	2655	0.12%	0.014%
74	18.893	2620	2622	2624	rBV3	2517	2386	0.11%	0.013%
75	18.917	2624	2626	2630	rVB4	2524	2823	0.13%	0.015%
76	19.134	2661	2663	2665	rVB3	2817	2505	0.12%	0.013%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

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\SFAM-EPA-BG093021.M
Title : SVOA CALIBRATION

77	19.281	2686	2688	2691	rBV4	2916	3010	0.14%	0.016%
78	19.404	2707	2709	2715	rBV7	4978	7711	0.36%	0.041%
79	19.569	2733	2737	2741	rVV3	12478	18081	0.84%	0.096%
80	19.639	2741	2749	2756	rVV2	22374	44349	2.07%	0.236%
81	19.751	2764	2768	2778	rBV2	66470	94738	4.43%	0.505%
82	20.004	2805	2811	2820	rVB	1240057	1830775	85.52%	9.755%
83	20.380	2873	2875	2877	rBV3	4122	2723	0.13%	0.015%
84	20.503	2894	2896	2900	rVB4	5382	6457	0.30%	0.034%
85	21.537	3068	3072	3082	rVB2	62378	97438	4.55%	0.519%
86	21.931	3133	3139	3147	rVB	467446	833342	38.93%	4.440%
87	25.127	3672	3683	3695	rVB2	565295	1668115	77.93%	8.889%
88	25.356	3713	3722	3737	rVB2	268144	856322	40.00%	4.563%

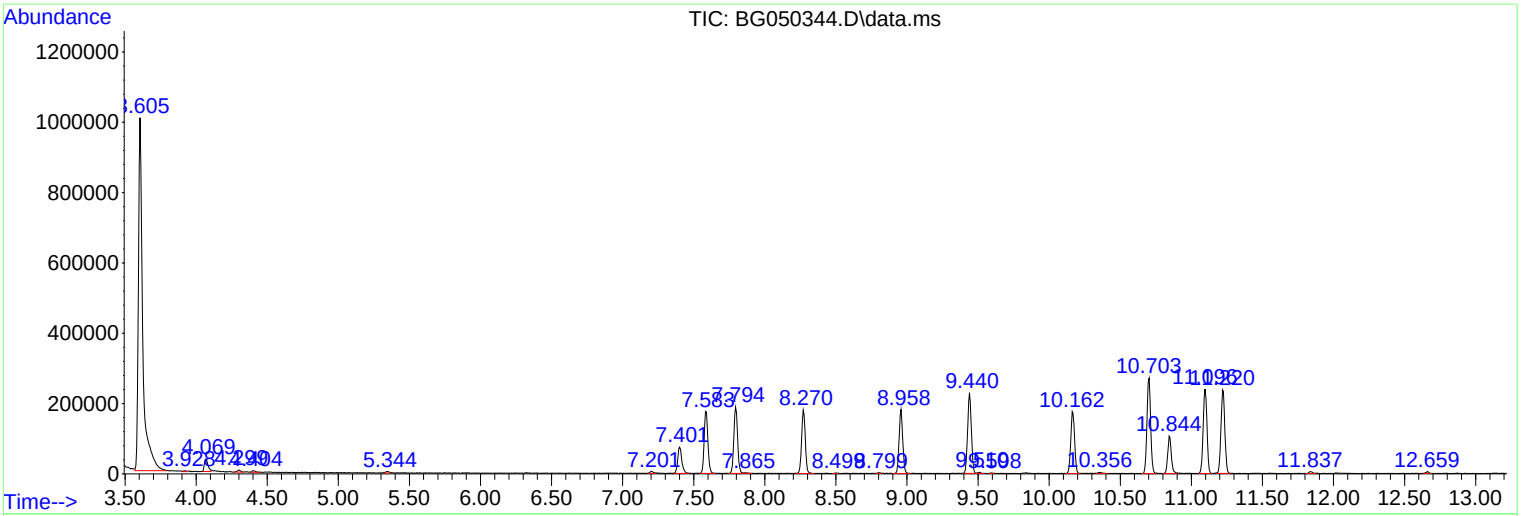
Sum of corrected areas: 18767035

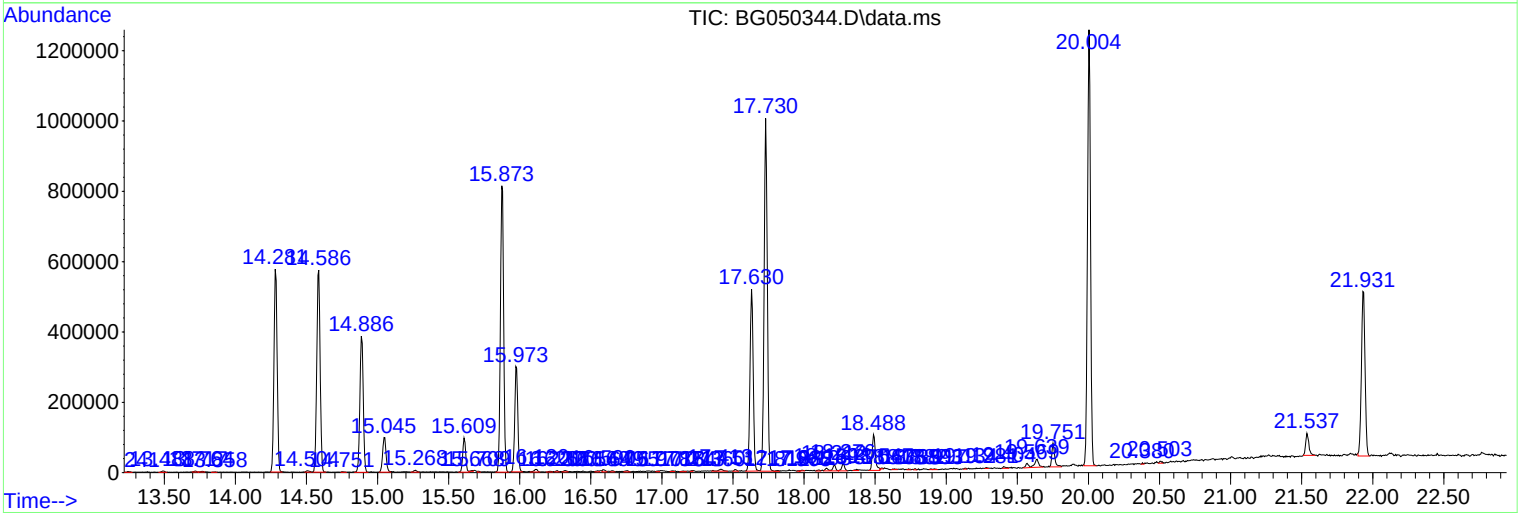
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

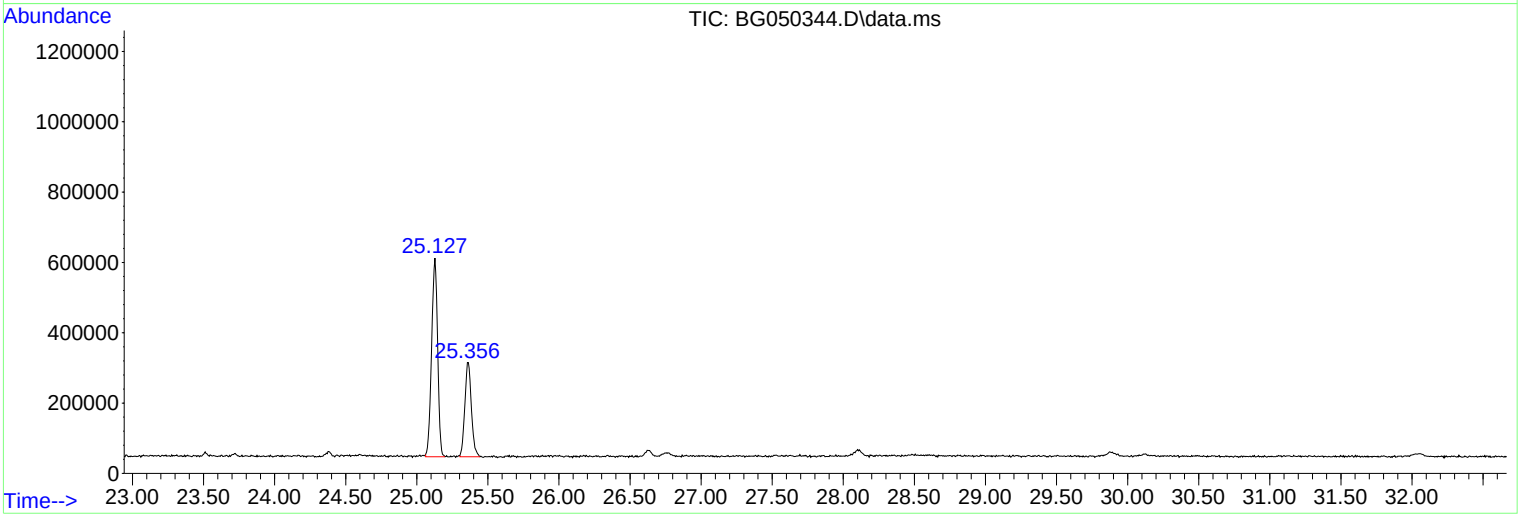
Instrument :
BNA_G
ClientSampleId :
EW7Y2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

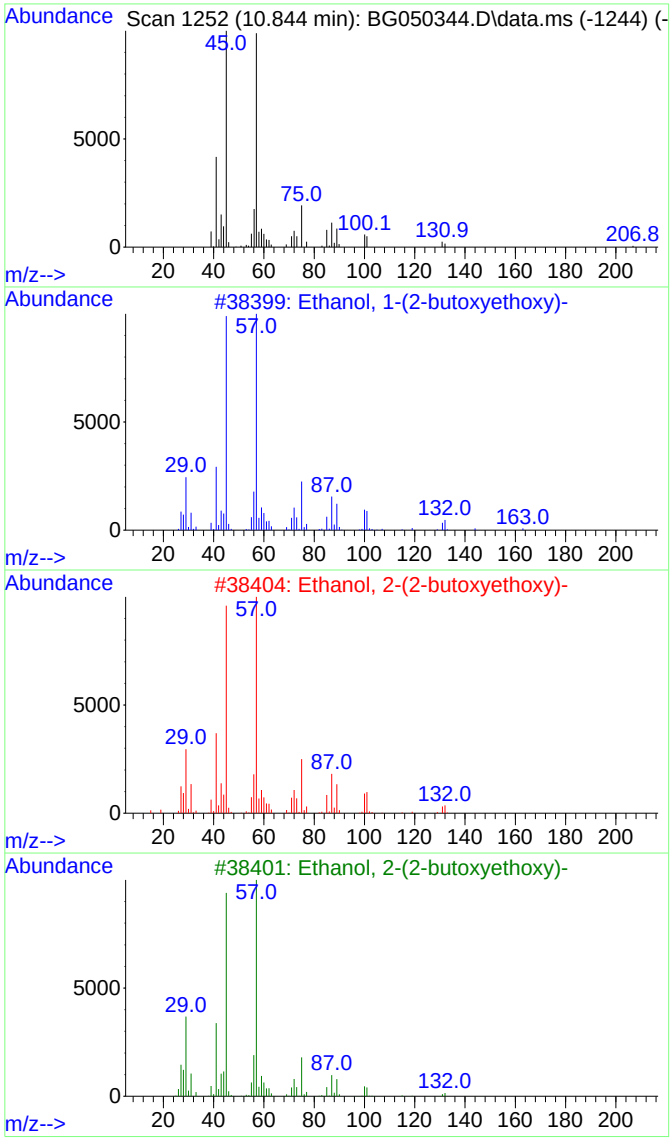
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

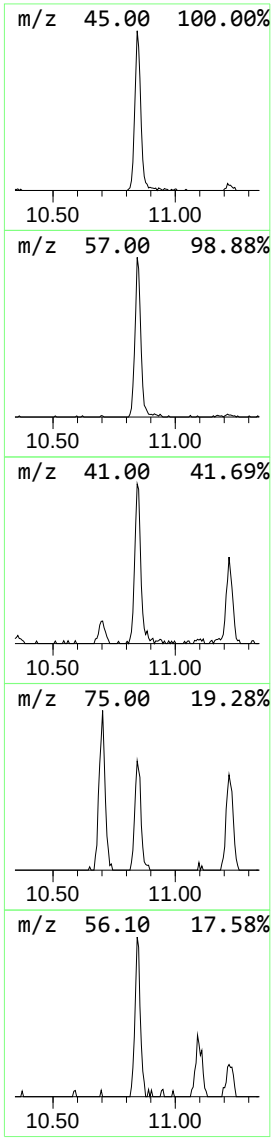
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.844	8.26 ng/ul	184640	Naphthalene-d8	11.096

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

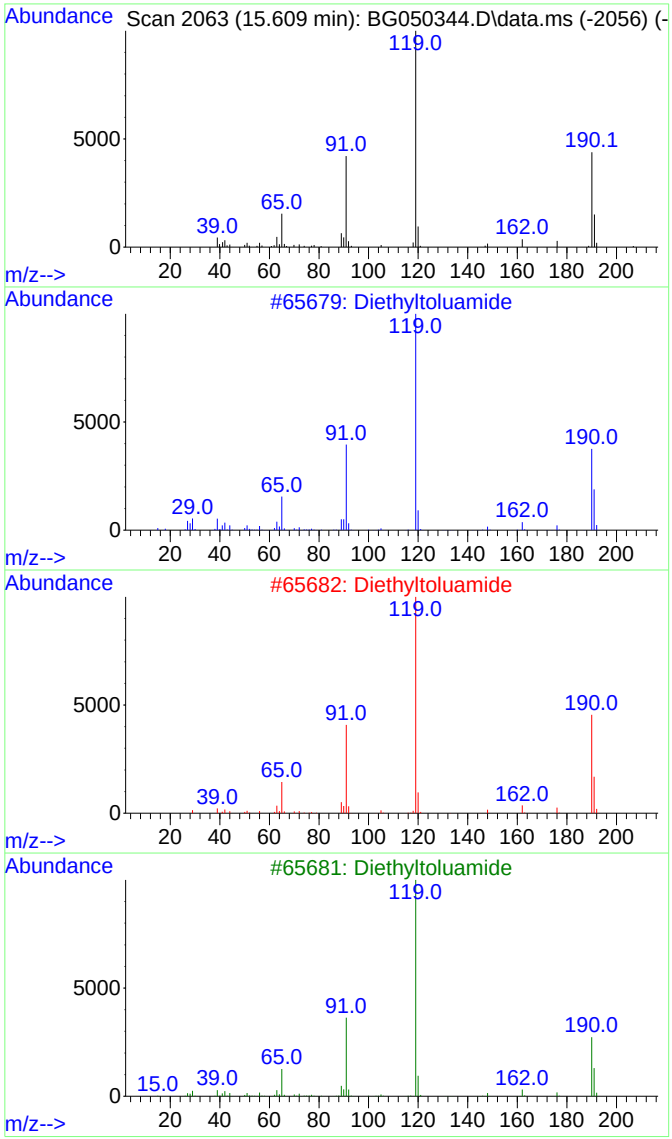
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

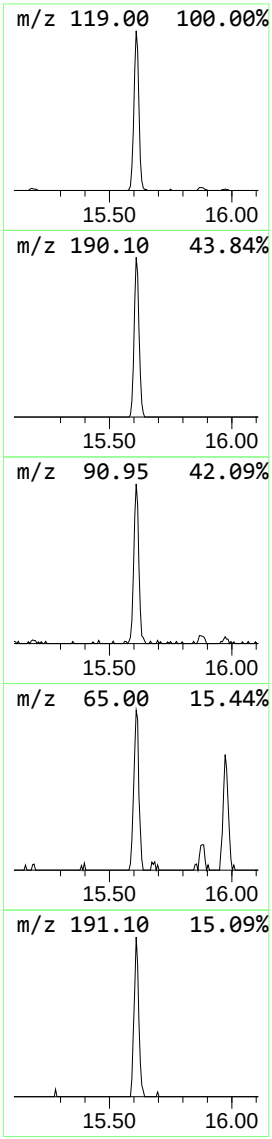
****

Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	4.38 ng/ul	139320	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	95
4	Diethyltoluamide	191	C12H17NO	000134-62-3	95
5	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

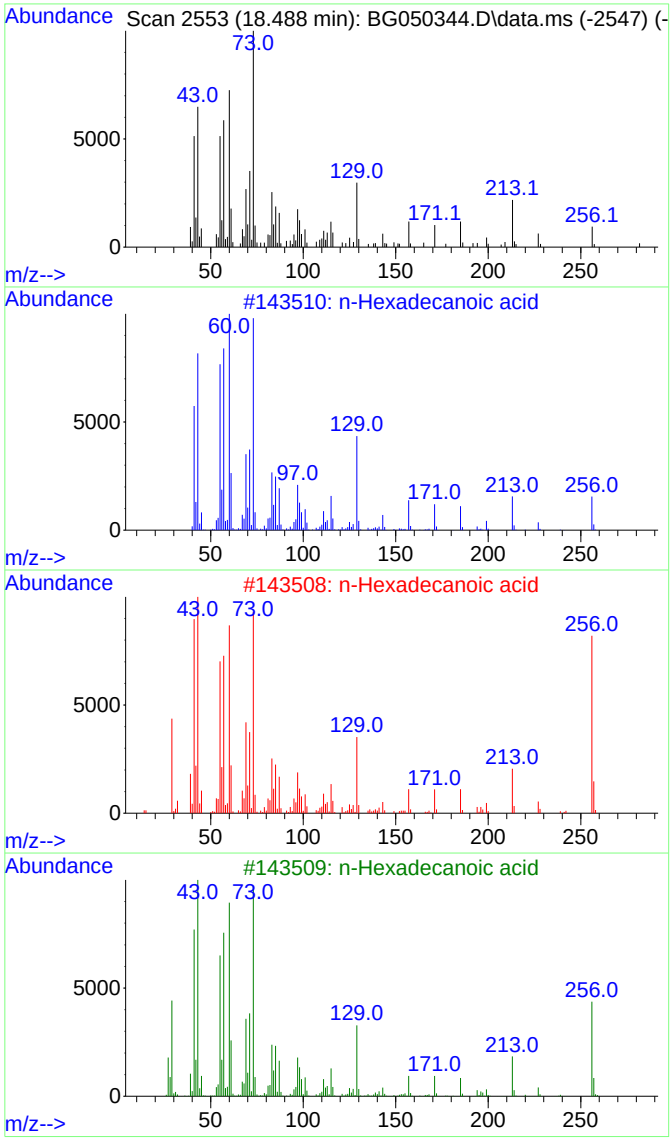
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

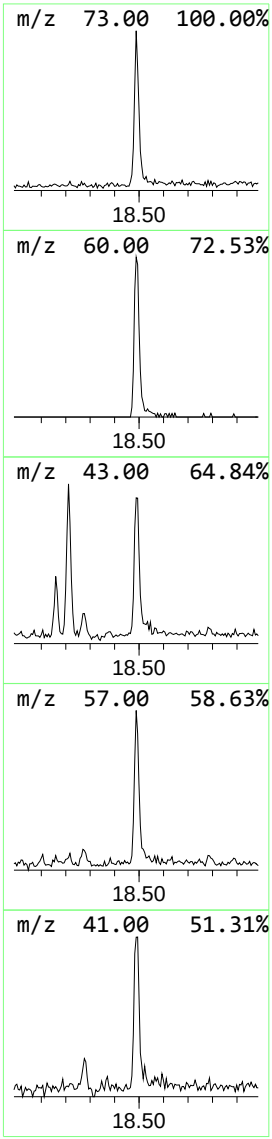
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.488	3.85 ng/ul	155547	Phenanthrene-d10	17.630

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

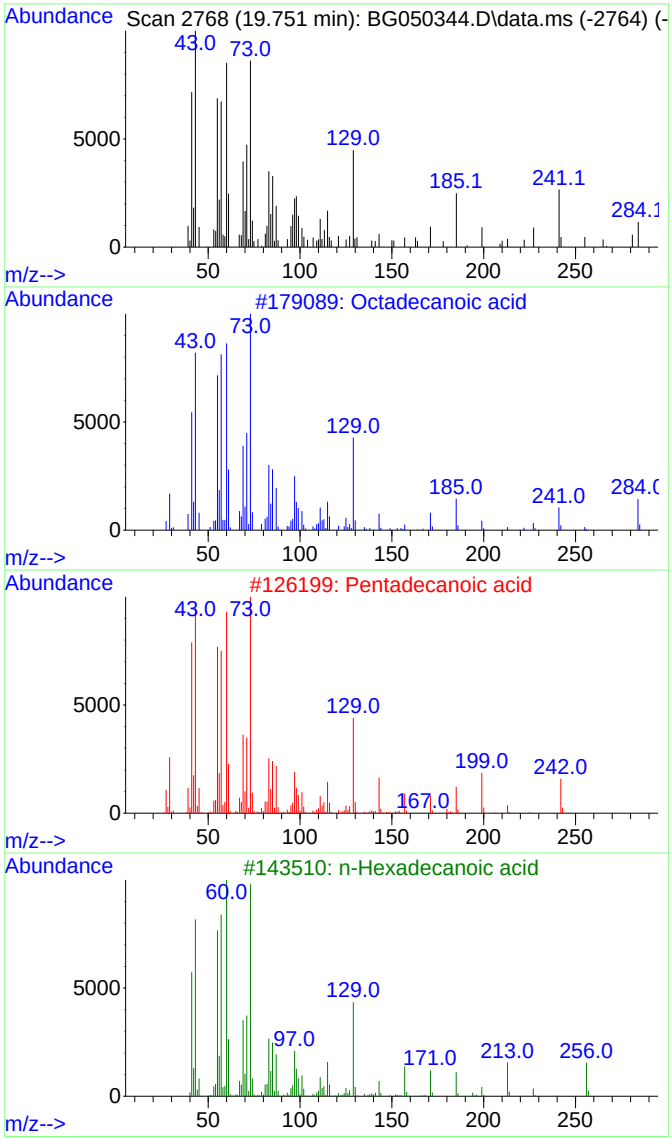
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

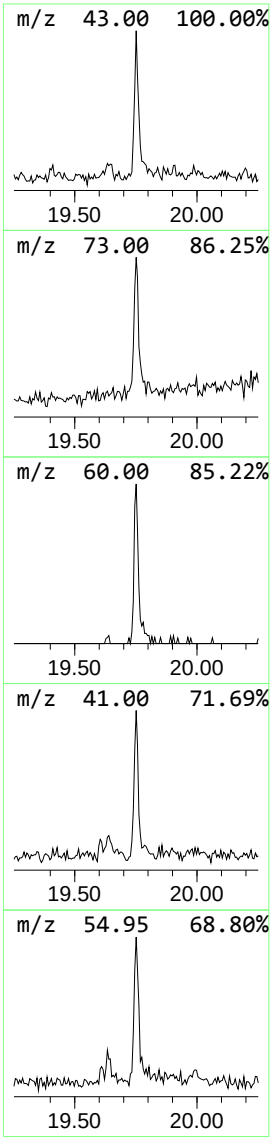
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.751	2.34 ng/ul	94738	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

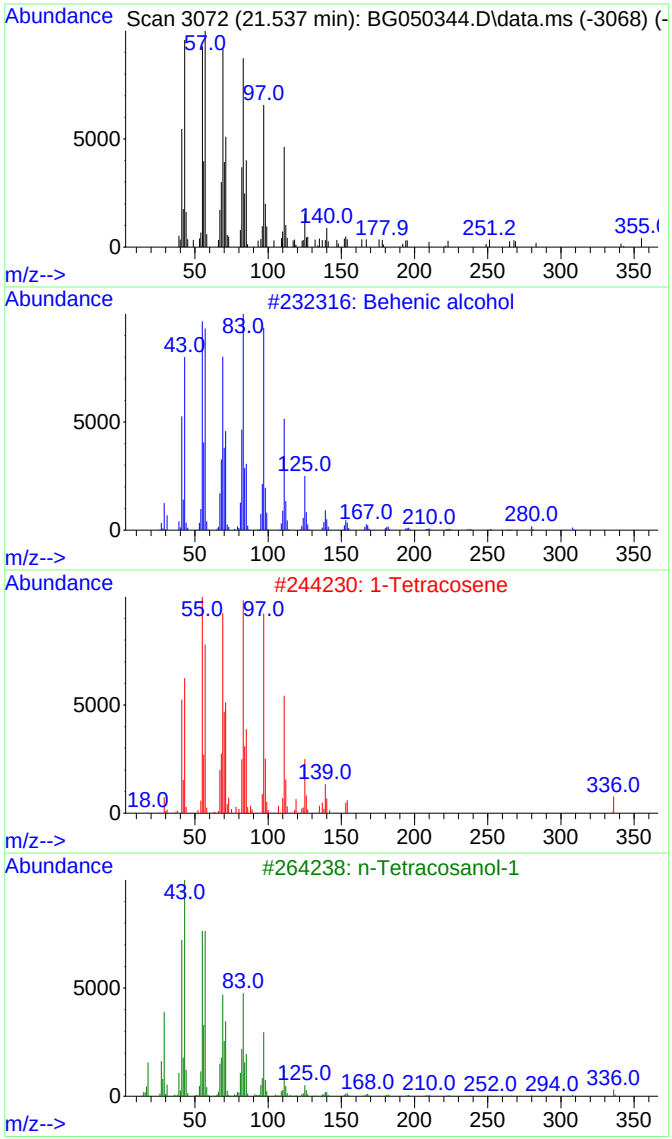
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

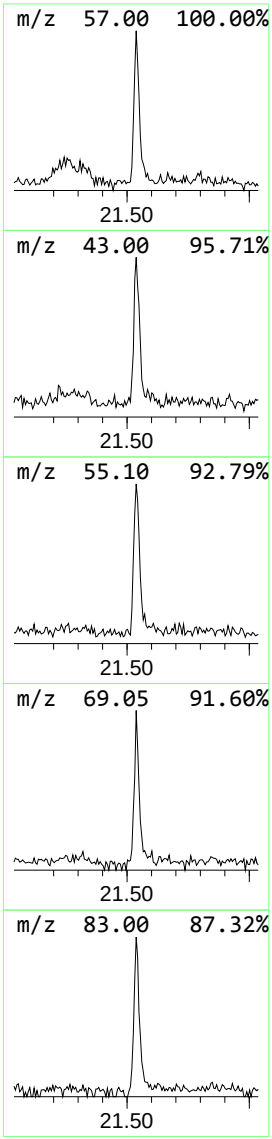
****

Peak Number 5 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.537	2.34 ng/ul	97438	Chrysene-d12	21.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050344.D
Acq On : 1 Oct 2021 5:29
Operator : CG/JU
Sample : M3873-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7Y2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 1-(2-b...	10.844	8.3	ng/ul	184640	2	11.096	447064	20.0
Diethyltoluamide	15.609	4.4	ng/ul	139320	3	14.886	636543	20.0
n-Hexadecanoic ...	18.488	3.9	ng/ul	155547	4	17.630	808053	20.0
Octadecanoic acid	19.751	2.3	ng/ul	94738	4	17.630	808053	20.0
Behenic alcohol	21.537	2.3	ng/ul	97438	5	21.937	833342	20.0