LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050341.D
Acq On : 1 Oct 2021 3:27
Operator : CG/JU
Sample : M3777-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B70

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: BG050341.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.519	4	5	9	rBV4	2110	2371	0.14%	0.017%
2	3.637	20	25	32	rVB3	11156	18518	1.10%	0.132%
3	4.071	95	99	105	rBV	14421	23562	1.40%	0.167%
4	4.118	105	107	110	rVB4	1819	1867	0.11%	0.013%
5	4.301	132	138	144	rBV3	5324	9478	0.56%	0.067%
6	4.400	151	155	156	rBV3	1933	2989	0.18%	0.021%
7	5.094	271	273	277	rVB5	1231	1725	0.10%	0.012%
8	6.298	475	478	482	rVV5	1180	1791	0.11%	0.013%
9	6.392	490	494	497	rBV2	1191	1835	0.11%	0.013%
10	7.403	657	666	674	rVB	54024	96945	5.78%	0.688%
11	7.585	691	697	706	rBV	174412	291785	17.39%	2.072%
12	7.796	725	733	744	rVB	174181	303173	18.07%	2.153%
13	8.272	805	814	821	rBV	151987	261447	15.58%	1.857%
14	8.960	922	931	941	rBV	140214	250089	14.91%	1.776%
15	9.442	1004	1013	1023	rBV	217075	397005	23.66%	2.819%
16	9.823	1072	1078	1080	rBV5	1367	1996	0.12%	0.014%
17	10.164	1128	1136	1145	rBV	156891	295542	17.62%	2.099%
18	10.705	1220	1228	1238	rBV	238304	440600	26.26%	3.129%
19	10.846	1246	1252	1260	rBV2	29508	51462	3.07%	0.365%
20	11.098	1286	1295	1304	rVB	197154	378014	22.53%	2.684%
21	11.222	1309	1316	1325	rBV3	48159	90170	5.37%	0.640%
22	12.309	1498	1501	1506	rVB3	1841	2849	0.17%	0.020%
23	12.661	1553	1561	1567	rVB4	4034	8237	0.49%	0.058%
24	13.496	1695	1703	1704	rVV2	1502	2866	0.17%	0.020%
25	13.784	1748	1752	1754	rBV	1547	1765	0.11%	0.013%
26	14.283	1826	1837	1845	rBV	523248	765999	45.66%	5.440%
27	14.524	1873	1878	1879	rBV2	1609	2530	0.15%	0.018%
28	14.583	1882	1888	1896	rVB	558455	900822	53.69%	6.397%
29	14.888	1932	1940	1949	rBV	365729	569010	33.92%	4.041%
30	14.964	1951	1953	1958	rVB3	1462	2024	0.12%	0.014%
31	15.047	1960	1967	1976	rVB	65641	105854	6.31%	0.752%
32	15.611	2059	2063	2070	rBV3	4649	6712	0.40%	0.048%
33	15.793	2092	2094	2097	rBV2	1386	1962	0.12%	0.014%
34	15.875	2101	2108	2117	rVB	747589	1180181	70.35%	8.381%
35	15.975	2119	2125	2133	rBV	260688	380462	22.68%	2.702%
36	16.116	2145	2149	2156	rVB5	4567	7342	0.44%	0.052%

LSC Area Percent Report

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Sample : M3777-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B70

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	16.322	2181	2184	2189	rVB3	1154	1813	0.11%	0.013%
38	16.557	2218	2224	2228	rBV4	1850	4146	0.25%	0.029%
39	16.651	2238	2240	2246	rVB5	2855	4449	0.27%	0.032%
40	16.874	2276	2278	2281	rBV2	1930	2173	0.13%	0.015%
41	17.097	2314	2316	2319	rVV2	1935	2482	0.15%	0.018%
42	17.303	2347	2351	2352	rVB3	2324	2159	0.13%	0.015%
43	17.362	2356	2361	2366	rVV4	5323	6607	0.39%	0.047%
44	17.415	2366	2370	2376	rVB3	2684	4964	0.30%	0.035%
45	17.462	2376	2378	2380	rBV2	3011	2277	0.14%	0.016%
46	17.632	2398	2407	2414	rBV	476792	737095	43.94%	5.234%
47	17.732	2416	2424	2432	rVV	884441	1388256	82.75%	9.859%
48	17.820	2437	2439	2442	rVB3	2077	2273	0.14%	0.016%
49	17.996	2464	2469	2473	rBV7	2512	5424	0.32%	0.039%
50	18.102	2484	2487	2491	rBV4	2010	2951	0.18%	0.021%
51	18.249	2511	2512	2514	rBV2	2022	1869	0.11%	0.013%
52	18.278	2514	2517	2520	rVB3	7291	8349	0.50%	0.059%
53	18.355	2528	2530	2532	rBV2	3194	3086	0.18%	0.022%
54	18.490	2547	2553	2559	rBV2	76962	110164	6.57%	0.782%
55	18.578	2567	2568	2571	rVB3	2856	2477	0.15%	0.018%
56	18.607	2571	2573	2575	rBV3	2464	2803	0.17%	0.020%
57	18.789	2600	2604	2605	rBV4	2805	2389	0.14%	0.017%
58	19.048	2646	2648	2651	rBV4	2256	1870	0.11%	0.013%
59	19.165	2667	2668	2671	rBV3	2986	3417	0.20%	0.024%
60	19.236	2678	2680	2683	rBV3	1668	1725	0.10%	0.012%
61	19.271	2684	2686	2689	rVV3	2519	2546	0.15%	0.018%
62	19.577	2733	2738	2741	rBV3	11287	16505	0.98%	0.117%
63	19.641	2741	2749	2752	rVV2	18636	29720	1.77%	0.211%
64	19.712	2759	2761	2763	rBV3	3881	4331	0.26%	0.031%
65	19.753	2763	2768	2776	rVV2	57712	84592	5.04%	0.601%
66	20.006	2804	2811	2817	rBV	1169974	1677666	100.00%	11.914%
67	21.539	3068	3072	3078	rBV3	33843	51218	3.05%	0.364%
68	21.933	3133	3139	3147	rVB	444846	762527	45.45%	5.415%
69	25.129	3672	3683	3695	rVB	500556	1472328	87.76%	10.456%
70	25.358	3713	3722	3740	rVB2	245166	814056	48.52%	5.781%

Sum of corrected areas: 14081686

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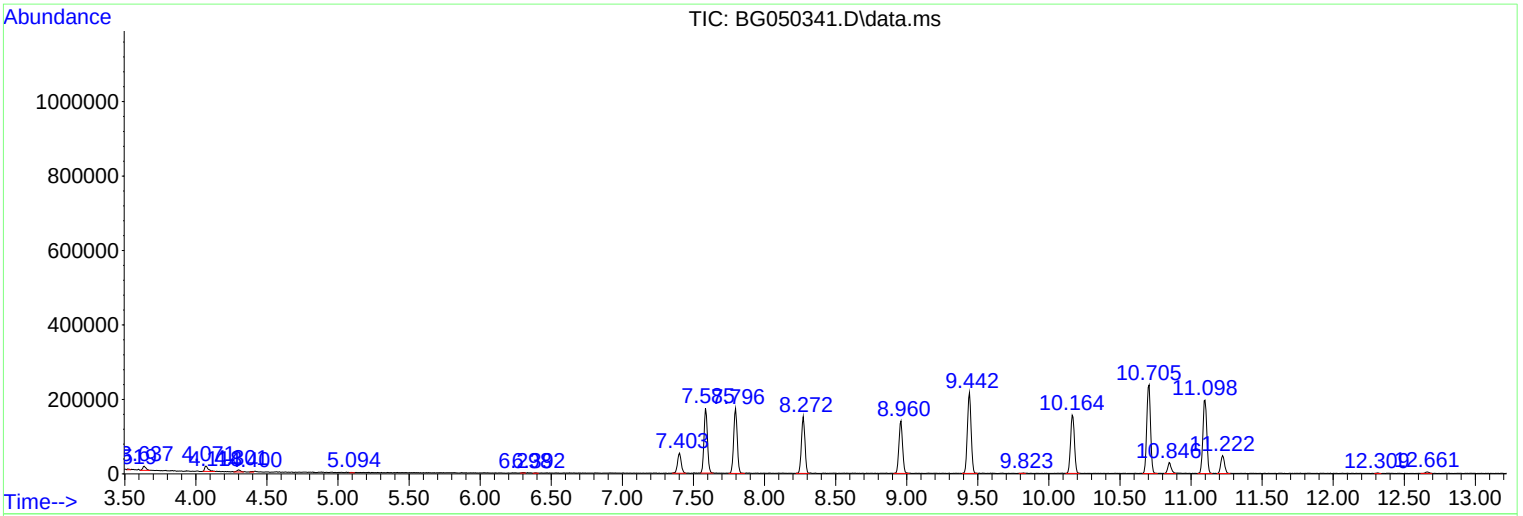
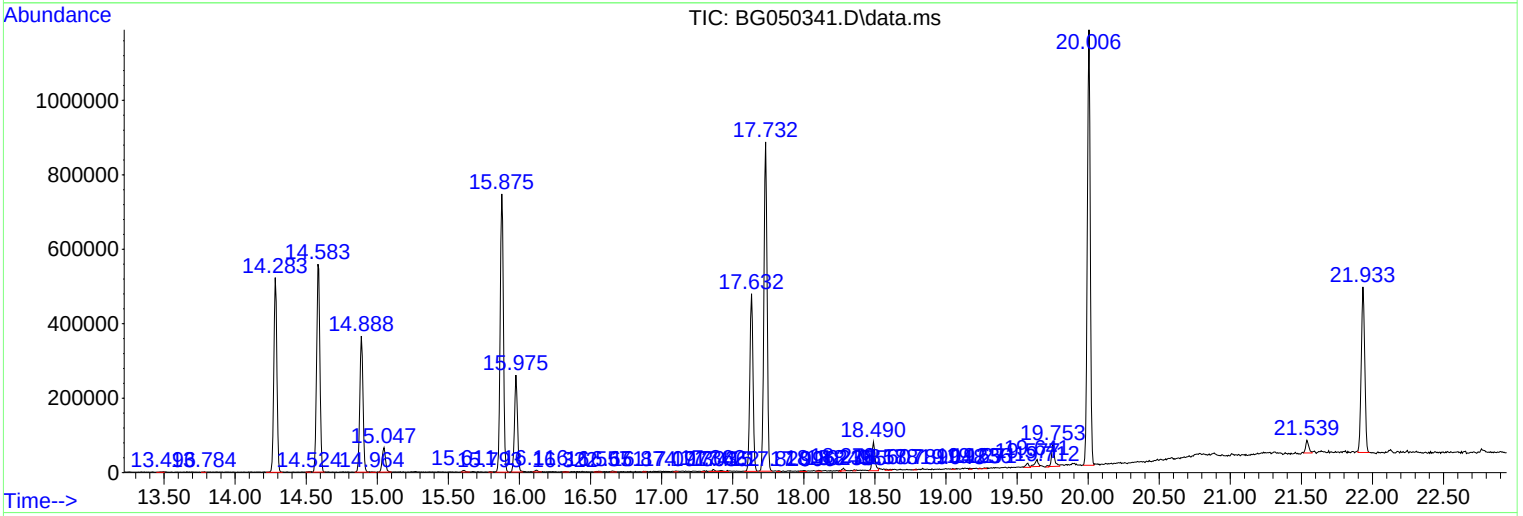
Misc :
ALS Vial : 23 Sample Multiplier: 1

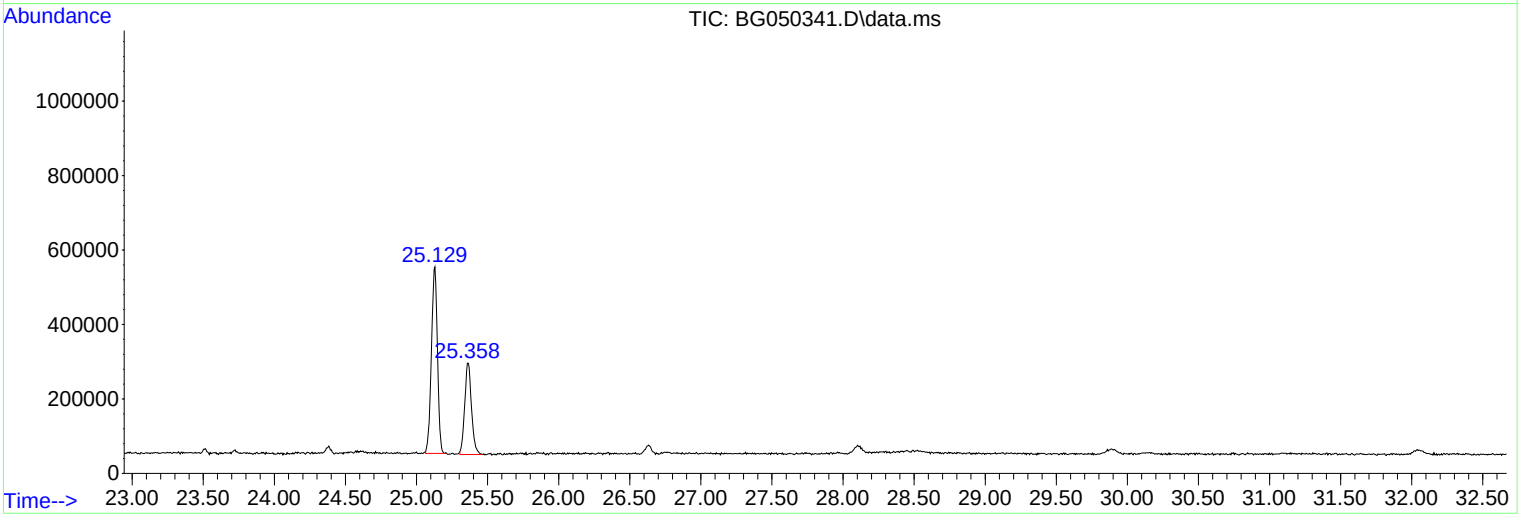
Instrument :
BNA_G
ClientSampleId :
C0B70

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







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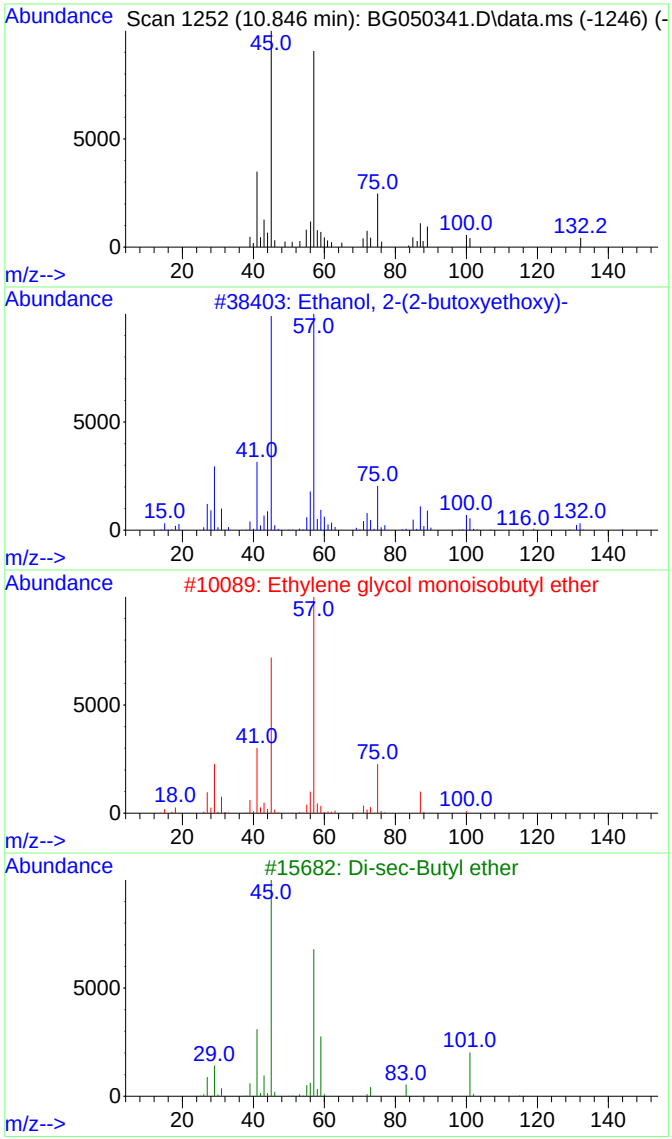
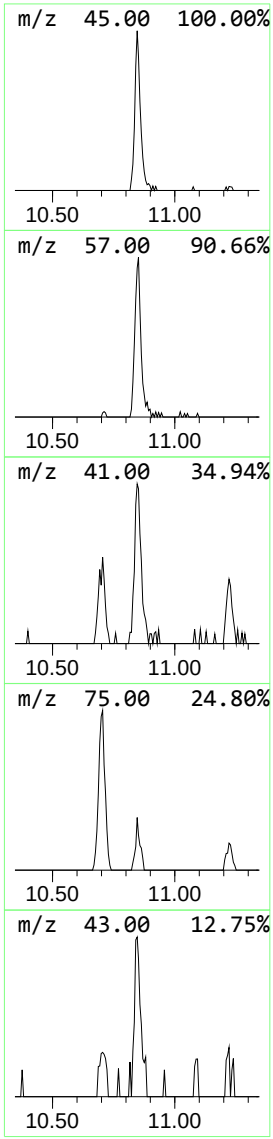
****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.846	2.72 ng/ul	51462	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	47





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B70

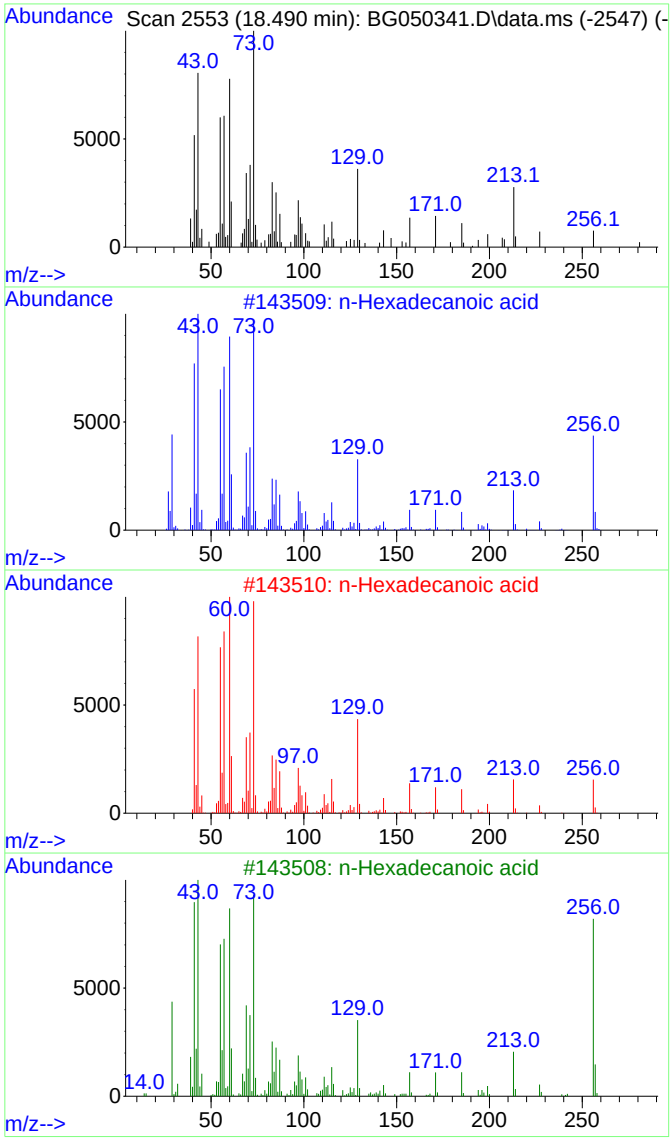
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

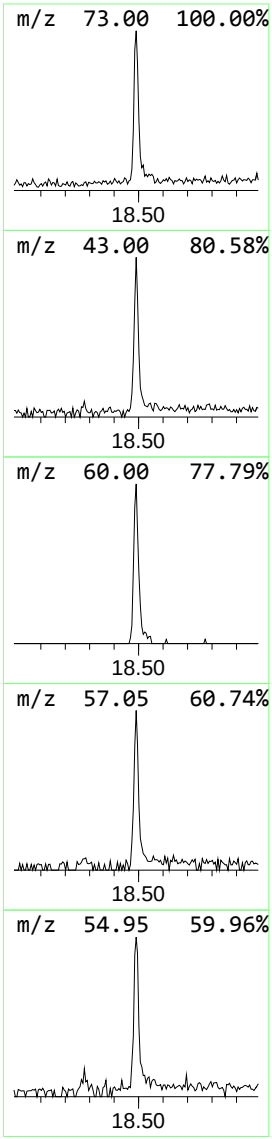
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.490	2.99 ng/ul	110164	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B70

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

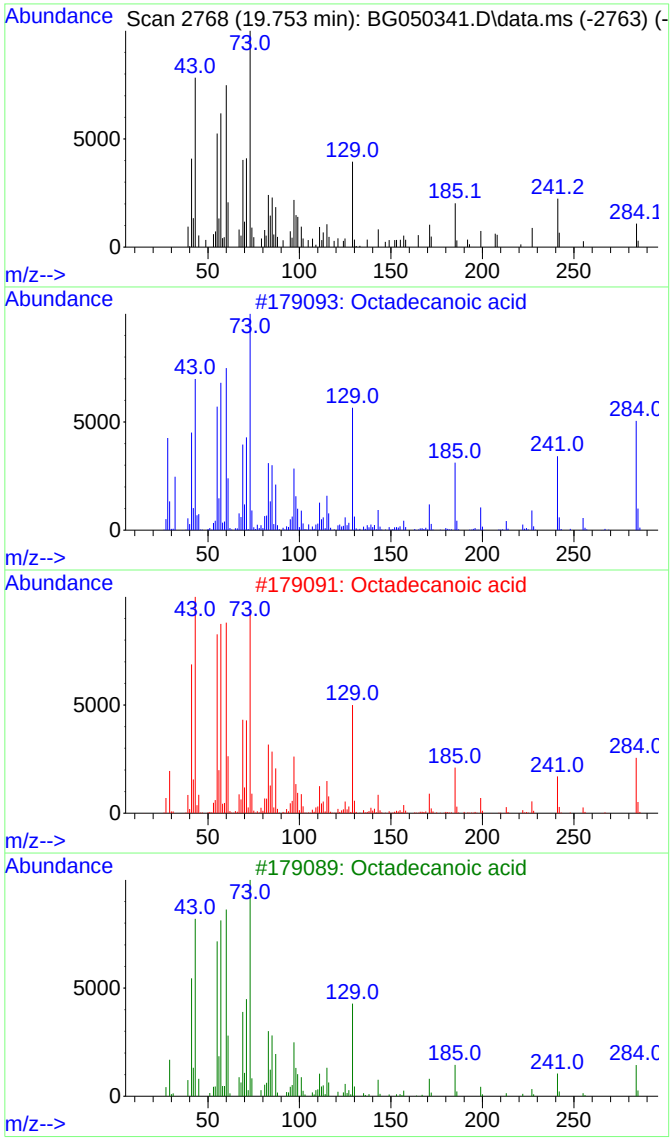
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

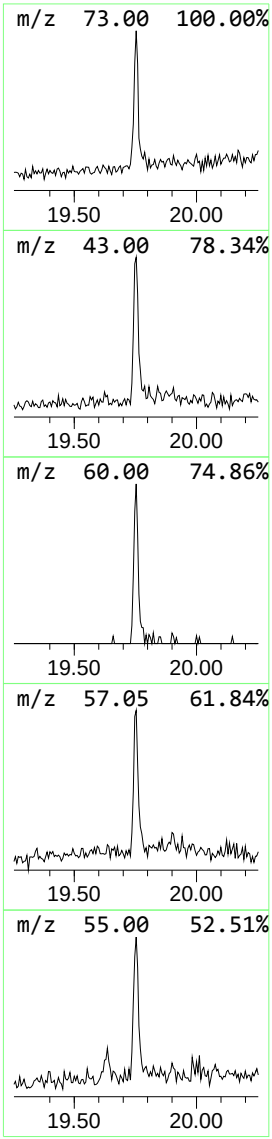
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.753	2.30 ng/ul	84592	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Tentatively Identified Compound (LSC) summary

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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, 2-(2-b...	10.846	2.7	ng/ul	51462	2	11.098	378014	20.0
n-Hexadecanoic ...	18.490	3.0	ng/ul	110164	4	17.632	737095	20.0
Octadecanoic acid	19.753	2.3	ng/ul	84592	4	17.632	737095	20.0