LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050343.D
Acq On : 1 Oct 2021 4:48
Operator : CG/JU
Sample : M3777-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B75

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: BG050343.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.636	21	25	32	rVB4	9048	15973	0.89%	0.112%
2	4.000	85	87	88	rVB2	2699	1859	0.10%	0.013%
3	4.023	88	91	94	rBV3	2484	3941	0.22%	0.028%
4	4.064	94	98	112	rVV	25035	49253	2.75%	0.344%
5	4.300	134	138	143	rVB2	6237	9155	0.51%	0.064%
6	4.405	152	156	163	rVB5	2854	5006	0.28%	0.035%
7	7.402	659	666	677	rVB	55329	98852	5.52%	0.691%
8	7.584	690	697	707	rVB	169658	291601	16.27%	2.037%
9	7.795	726	733	742	rBV	168802	299010	16.69%	2.089%
10	8.271	807	814	823	rBV	123239	213236	11.90%	1.490%
11	8.959	923	931	940	rBV	144391	252337	14.08%	1.763%
12	9.441	1005	1013	1020	rBV	215675	390036	21.77%	2.725%
13	10.169	1127	1137	1146	rBV	158603	296920	16.57%	2.074%
14	10.698	1220	1227	1235	rBV	239201	436241	24.34%	3.048%
15	10.851	1246	1253	1259	rBV	35045	60377	3.37%	0.422%
16	11.097	1288	1295	1303	rVB	167999	303512	16.94%	2.120%
17	11.221	1309	1316	1324	rBV	204224	381048	21.26%	2.662%
18	12.660	1556	1561	1566	rVB3	4315	7226	0.40%	0.050%
19	13.683	1731	1735	1741	rVB2	1402	2928	0.16%	0.020%
20	14.282	1830	1837	1844	rBV	546375	804762	44.91%	5.622%
21	14.523	1873	1878	1881	rBV3	1600	2744	0.15%	0.019%
22	14.587	1881	1889	1895	rVV	559160	913484	50.98%	6.381%
23	14.887	1932	1940	1949	rVB	294327	465386	25.97%	3.251%
24	15.046	1960	1967	1974	rBV	73913	118040	6.59%	0.825%
25	15.604	2057	2062	2069	rVB3	4406	6557	0.37%	0.046%
26	15.657	2069	2071	2076	rBV3	1624	2421	0.14%	0.017%
27	15.704	2076	2079	2081	rBV2	1405	1804	0.10%	0.013%
28	15.874	2099	2108	2117	rBV	782935	1237795	69.07%	8.647%
29	15.974	2119	2125	2135	rBV	275950	418437	23.35%	2.923%
30	16.109	2144	2148	2154	rBV5	4510	6351	0.35%	0.044%
31	16.550	2218	2223	2225	rBV4	1963	2753	0.15%	0.019%
32	16.650	2237	2240	2244	rBV4	2003	2811	0.16%	0.020%
33	17.067	2307	2311	2314	rBV4	1922	2621	0.15%	0.018%
34	17.361	2359	2361	2366	rVV5	6604	8065	0.45%	0.056%
35	17.414	2366	2370	2374	rVB4	3335	5160	0.29%	0.036%
36	17.631	2399	2407	2414	rBV	406310	614197	34.28%	4.291%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C0B75

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

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Peak separation: 5

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

37	17.731	2414	2424	2431	rBV2	967283	1511870	84.37%	10.562%
38	17.895	2449	2452	2454	rBV4	1570	2232	0.12%	0.016%
39	17.989	2466	2468	2473	rVB6	1998	2696	0.15%	0.019%
40	18.089	2484	2485	2488	rBV3	2361	2138	0.12%	0.015%
41	18.148	2494	2495	2497	rBV2	2408	1952	0.11%	0.014%
42	18.277	2513	2517	2523	rVB4	11360	14869	0.83%	0.104%
43	18.371	2529	2533	2534	rBV4	2230	2677	0.15%	0.019%
44	18.424	2541	2542	2546	rVB3	1722	1896	0.11%	0.013%
45	18.489	2548	2553	2561	rVV	72719	107553	6.00%	0.751%
46	18.542	2561	2562	2565	rVV4	4292	4697	0.26%	0.033%
47	18.571	2565	2567	2569	rVV2	4389	4648	0.26%	0.032%
48	18.612	2572	2574	2577	rVV4	1978	2499	0.14%	0.017%
49	18.653	2579	2581	2584	rVV4	2239	2762	0.15%	0.019%
50	18.694	2584	2588	2590	rVV4	2385	2446	0.14%	0.017%
51	18.835	2610	2612	2615	rVB3	3307	2715	0.15%	0.019%
52	18.865	2615	2617	2621	rBV4	1552	2435	0.14%	0.017%
53	18.953	2630	2632	2634	rBV	2298	2294	0.13%	0.016%
54	19.141	2661	2664	2665	rBV3	3559	2366	0.13%	0.017%
55	19.288	2688	2689	2692	rBV3	2358	1921	0.11%	0.013%
56	19.570	2733	2737	2741	rBV3	12382	17189	0.96%	0.120%
57	19.605	2741	2743	2744	rVV2	3942	3224	0.18%	0.023%
58	19.640	2744	2749	2755	rVB	18280	29182	1.63%	0.204%
59	19.752	2762	2768	2773	rBV3	36680	51533	2.88%	0.360%
60	19.822	2778	2780	2783	rVB3	3416	3132	0.17%	0.022%
61	19.858	2783	2786	2788	rBV4	4440	4846	0.27%	0.034%
62	19.946	2799	2801	2802	rBV2	2680	2186	0.12%	0.015%
63	20.005	2804	2811	2818	rVB	1214678	1791959	100.00%	12.518%
64	20.187	2840	2842	2845	rBV4	3075	3848	0.21%	0.027%
65	20.228	2847	2849	2850	rVB2	3880	2610	0.15%	0.018%
66	21.538	3068	3072	3079	rBV3	57148	87040	4.86%	0.608%
67	21.932	3133	3139	3148	rVB	381586	652494	36.41%	4.558%
68	25.128	3672	3683	3697	rVB2	534162	1593620	88.93%	11.133%
69	25.363	3713	3723	3737	rVB2	201756	663202	37.01%	4.633%

Sum of corrected areas: 14314630

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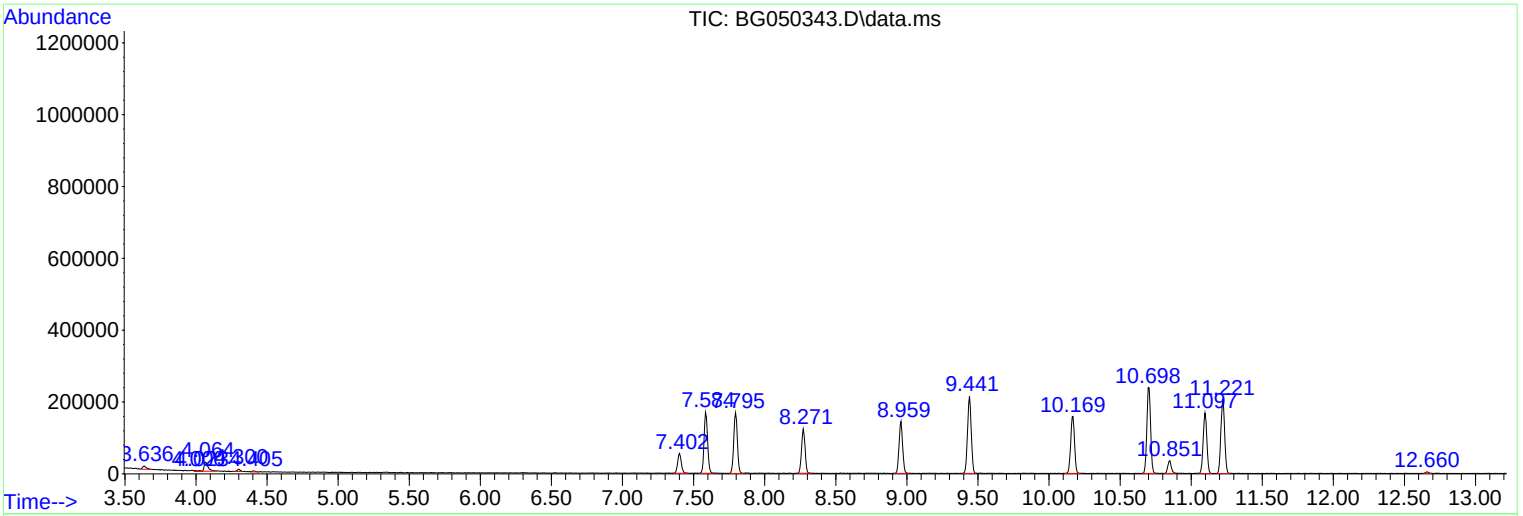
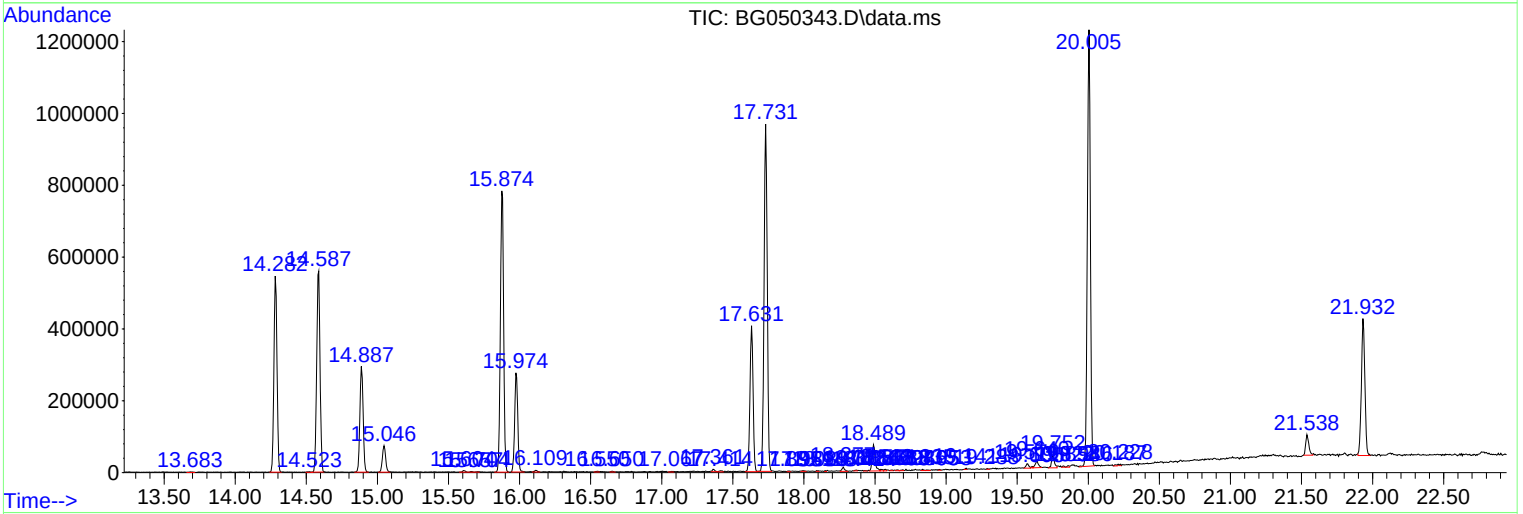
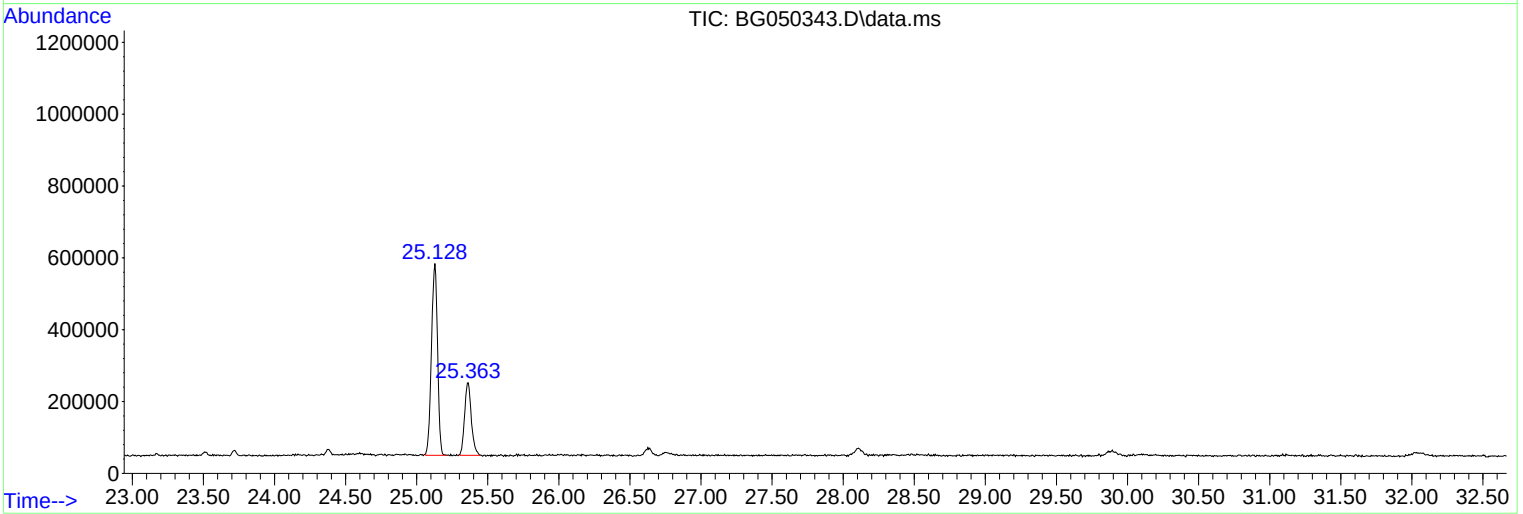
BNA_G
ClientSampleId :
C0B75

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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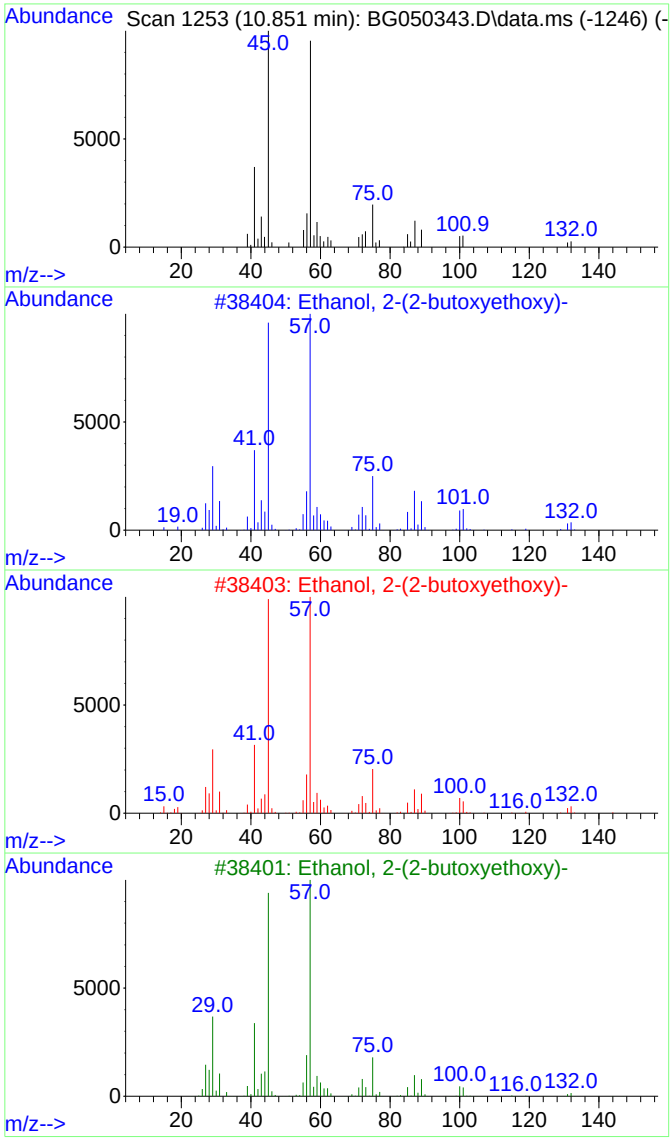
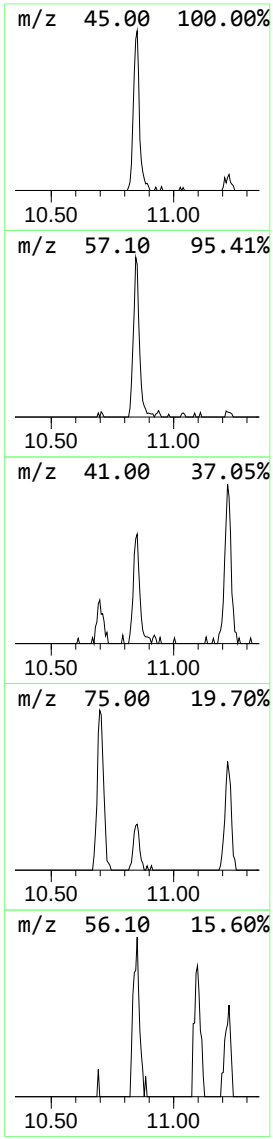
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	3.98 ng/ul	60377	Naphthalene-d8	11.097

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	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, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





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Instrument : BNA_G
ClientSampleId : C0B75

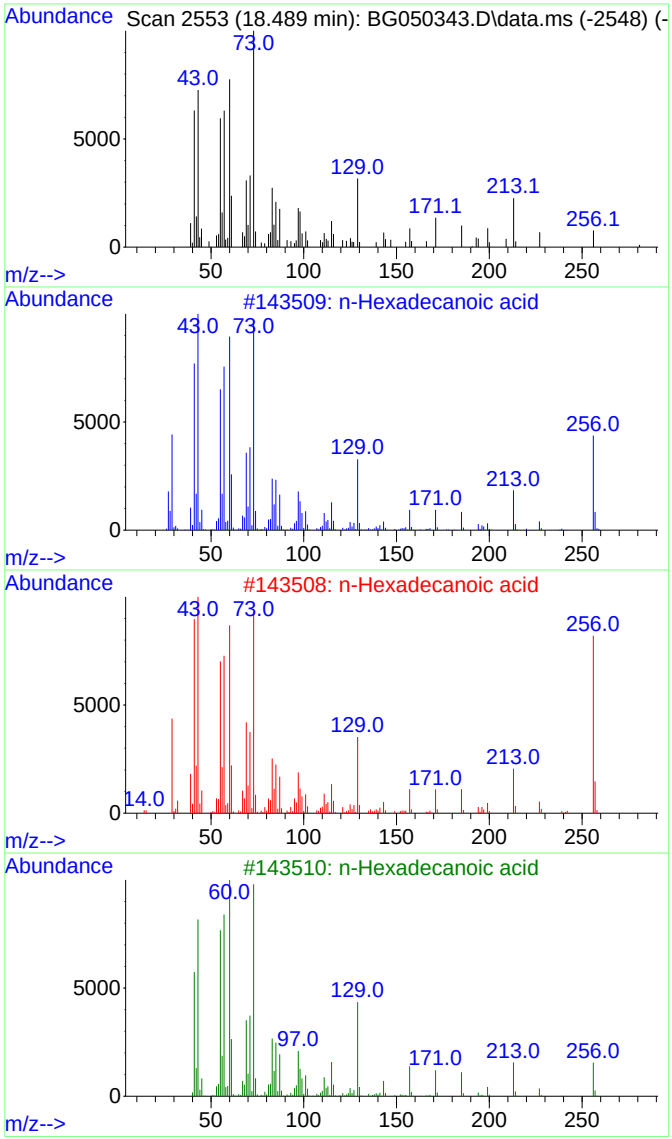
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

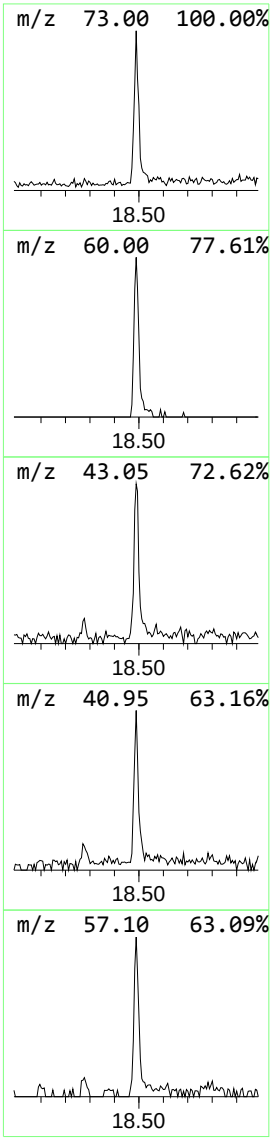
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.489	3.50 ng/ul	107553	Phenanthrene-d10	17.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Misc :
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Instrument : BNA_G
ClientSampleId : C0B75

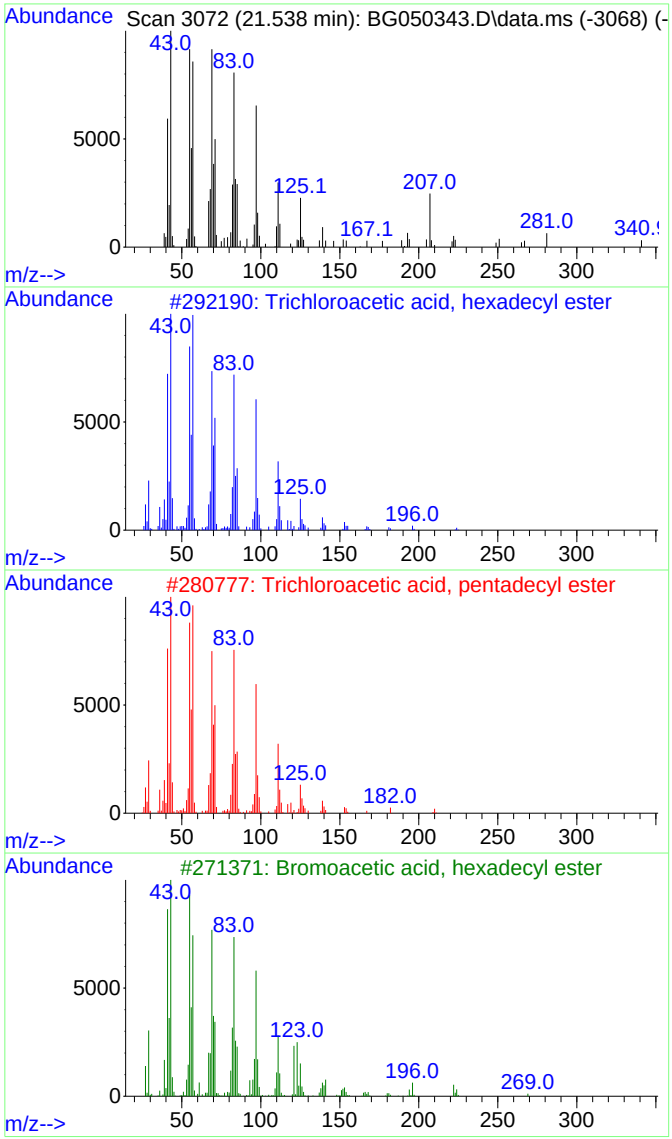
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

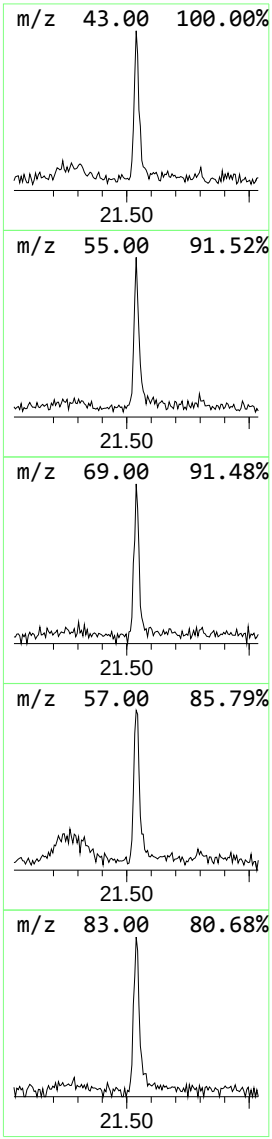
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.538	2.67 ng/ul	87040	Chrysene-d12	21.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





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...	10.851	4.0	ng/ul	60377	2	11.097	303512	20.0
n-Hexadecanoic ...	18.489	3.5	ng/ul	107553	4	17.631	614197	20.0
Trichloroacetic...	21.538	2.7	ng/ul	87040	5	21.932	652494	20.0