LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050340.D
Acq On : 1 Oct 2021 2:46
Operator : CG/JU
Sample : M3777-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF6

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: BG050340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.644	22	26	31	rVB2	10975	15915	0.93%	0.107%
2	4.067	94	98	111	rBV	41779	78668	4.58%	0.531%
3	4.173	114	116	118	rVB3	2033	1768	0.10%	0.012%
4	4.220	121	124	125	rVB2	2118	1817	0.11%	0.012%
5	4.308	133	139	144	rBV3	6409	10753	0.63%	0.073%
6	4.408	153	156	163	rVB4	3828	6518	0.38%	0.044%
7	4.619	185	192	196	rVB5	7323	11742	0.68%	0.079%
8	5.031	259	262	268	rVB4	4761	7080	0.41%	0.048%
9	6.329	479	483	487	rVB4	1368	2115	0.12%	0.014%
10	7.404	656	666	674	rBV	64619	118074	6.88%	0.797%
11	7.586	690	697	707	rBV	178548	322606	18.80%	2.179%
12	7.798	725	733	741	rBV	181657	326387	19.02%	2.204%
13	7.868	741	745	746	rVV3	1434	2170	0.13%	0.015%
14	8.274	806	814	824	rBV	161567	283560	16.52%	1.915%
15	8.955	922	930	940	rVB	147109	274356	15.99%	1.853%
16	9.102	947	955	957	rBV4	1389	2574	0.15%	0.017%
17	9.443	1004	1013	1021	rBV	225900	416200	24.25%	2.811%
18	10.166	1129	1136	1144	rVB2	168421	312490	18.21%	2.110%
19	10.589	1203	1208	1209	rBV	1355	1823	0.11%	0.012%
20	10.700	1220	1227	1238	rBV	257694	456773	26.62%	3.085%
21	10.847	1243	1252	1264	rBV	99038	170394	9.93%	1.151%
22	11.100	1287	1295	1304	rVB	204438	384579	22.41%	2.597%
23	11.223	1308	1316	1325	rVB2	156236	291192	16.97%	1.966%
24	11.899	1424	1431	1437	rVB3	5138	9210	0.54%	0.062%
25	12.586	1544	1548	1553	rVV4	2733	4364	0.25%	0.029%
26	12.669	1556	1562	1567	rVB3	4638	8127	0.47%	0.055%
27	13.491	1700	1702	1705	rVB2	1926	1947	0.11%	0.013%
28	13.762	1745	1748	1753	rBV2	1504	2192	0.13%	0.015%
29	13.856	1761	1764	1769	rBV5	1618	2332	0.14%	0.016%
30	14.284	1830	1837	1843	rBV	517384	762932	44.46%	5.152%
31	14.584	1881	1888	1895	rVV	569109	906583	52.83%	6.122%
32	14.890	1932	1940	1948	rBV	333804	525342	30.61%	3.548%
33	15.048	1961	1967	1976	rBV2	65859	113442	6.61%	0.766%
34	15.266	1999	2004	2009	rBV2	1318	2741	0.16%	0.019%
35	15.606	2059	2062	2066	rVV4	4335	7018	0.41%	0.047%
36	15.659	2068	2071	2076	rVV3	1306	1887	0.11%	0.013%

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AF6

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	15.877	2100	2108	2119	rVB	770456	1223726	71.31%	8.264%
38	15.977	2119	2125	2134	rBV	251462	365464	21.30%	2.468%
39	16.118	2143	2149	2153	rVB	6173	8201	0.48%	0.055%
40	16.317	2180	2183	2186	rBV2	3581	3426	0.20%	0.023%
41	16.552	2220	2223	2224	rBV2	2479	2424	0.14%	0.016%
42	16.664	2237	2242	2244	rVB2	2338	3136	0.18%	0.021%
43	16.746	2253	2256	2260	rVB5	1813	2170	0.13%	0.015%
44	17.228	2336	2338	2342	rVB5	1308	1802	0.11%	0.012%
45	17.363	2358	2361	2365	rVB4	2501	2938	0.17%	0.020%
46	17.510	2381	2386	2388	rBV4	1817	2964	0.17%	0.020%
47	17.592	2396	2400	2401	rBV4	1973	2195	0.13%	0.015%
48	17.633	2401	2407	2414	rVV	458758	698784	40.72%	4.719%
49	17.733	2416	2424	2434	rVB	869665	1368170	79.73%	9.239%
50	17.816	2437	2438	2441	rBV3	2510	1832	0.11%	0.012%
51	17.980	2464	2466	2468	rBV4	2350	2339	0.14%	0.016%
52	18.098	2483	2486	2489	rBV3	1790	2045	0.12%	0.014%
53	18.274	2510	2516	2521	rVB	33652	44344	2.58%	0.299%
54	18.362	2528	2531	2534	rBV4	3252	4568	0.27%	0.031%
55	18.491	2548	2553	2560	rBV2	72984	100117	5.83%	0.676%
56	18.609	2572	2573	2577	rVB3	2127	2090	0.12%	0.014%
57	18.844	2609	2613	2614	rBV4	2705	3023	0.18%	0.020%
58	18.861	2614	2616	2618	rVB3	2552	1941	0.11%	0.013%
59	18.950	2628	2631	2632	rBV3	2063	2006	0.12%	0.014%
60	19.002	2635	2640	2643	rBV5	3865	5325	0.31%	0.036%
61	19.044	2643	2647	2648	rBV4	1889	2215	0.13%	0.015%
62	19.079	2650	2653	2654	rBV2	1763	2029	0.12%	0.014%
63	19.132	2660	2662	2663	rBV2	2727	2188	0.13%	0.015%
64	19.249	2680	2682	2684	rBV3	2416	2335	0.14%	0.016%
65	19.402	2705	2708	2710	rBV3	9429	9992	0.58%	0.067%
66	19.431	2710	2713	2717	rVB2	31801	38735	2.26%	0.262%
67	19.467	2717	2719	2721	rBV3	2274	2196	0.13%	0.015%
68	19.566	2732	2736	2741	rBV6	13153	20555	1.20%	0.139%
69	19.643	2744	2749	2755	rVB	16480	29275	1.71%	0.198%
70	19.754	2763	2768	2773	rBV2	49625	70119	4.09%	0.474%
71	19.895	2790	2792	2796	rVB4	6256	7252	0.42%	0.049%
72	20.007	2804	2811	2818	rBV	1136408	1716045	100.00%	11.589%
73	20.366	2871	2872	2875	rBV3	6359	4845	0.28%	0.033%
74	21.541	3068	3072	3078	rBV3	51885	76831	4.48%	0.519%
75	21.934	3133	3139	3146	rVB	420204	731646	42.64%	4.941%
76	25.131	3672	3683	3695	rVB2	524142	1571595	91.58%	10.613%

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Instrument : BNA_G
ClientSampleId : C0AF6

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

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Title : SVOA CALIBRATION

77	25.360	3713	3722	3739	rVB2	250046	817577	47.64%	5.521%

Sum of corrected areas: 14808131

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
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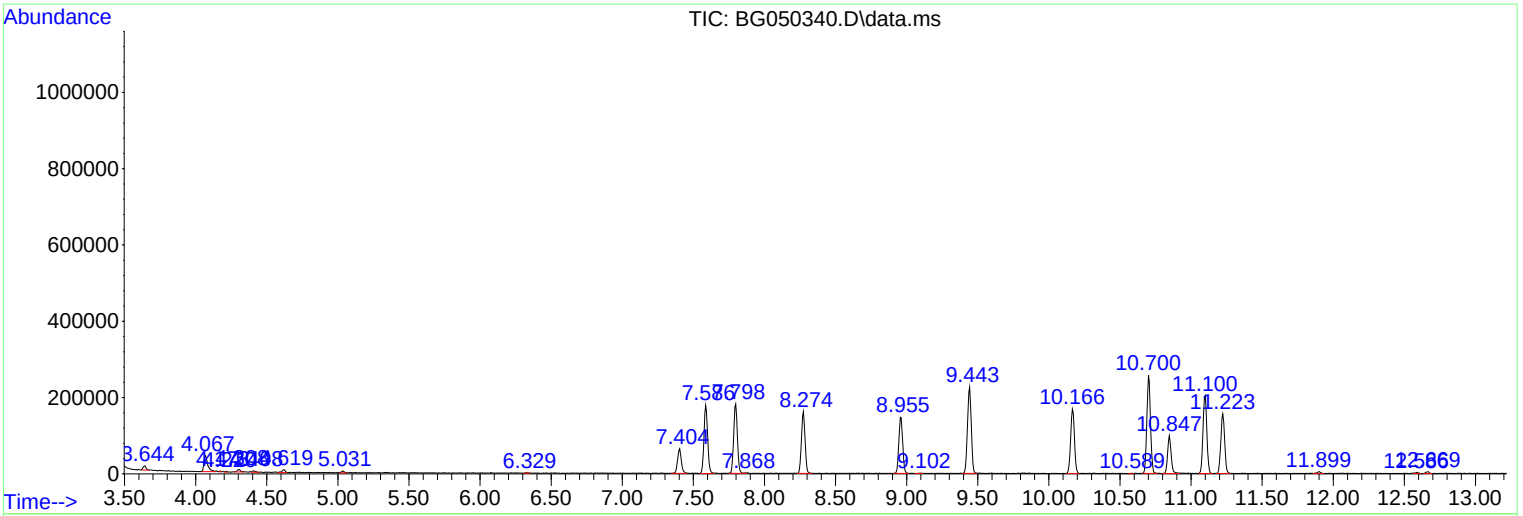
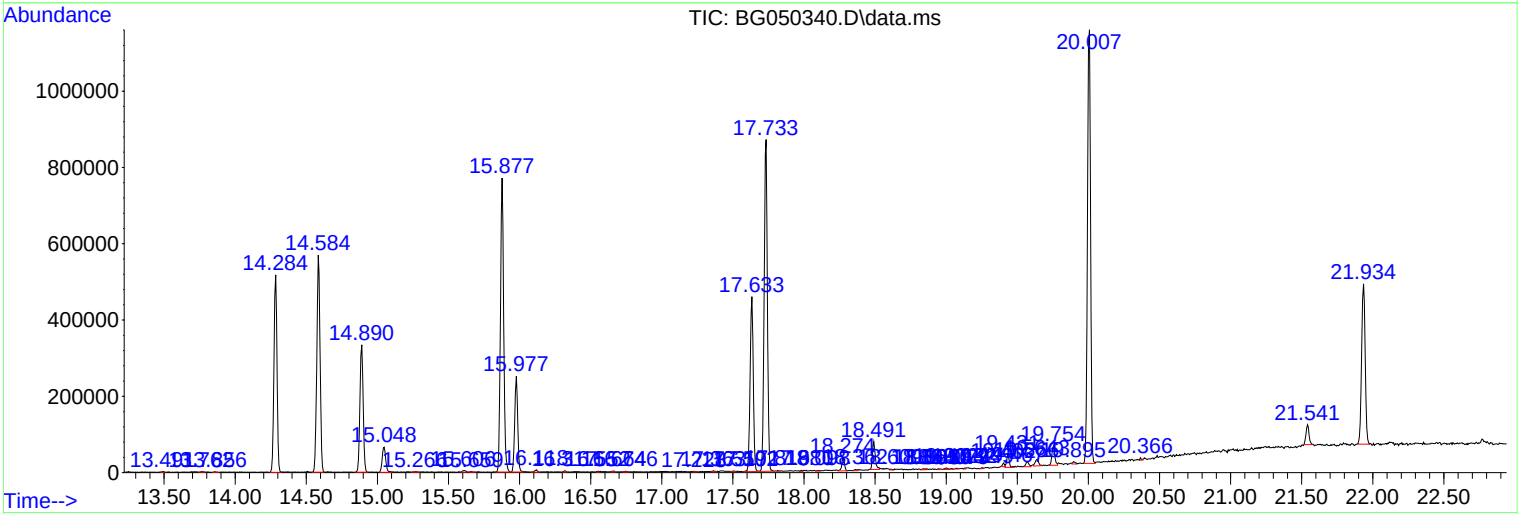
Misc :
ALS Vial : 22 Sample Multiplier: 1

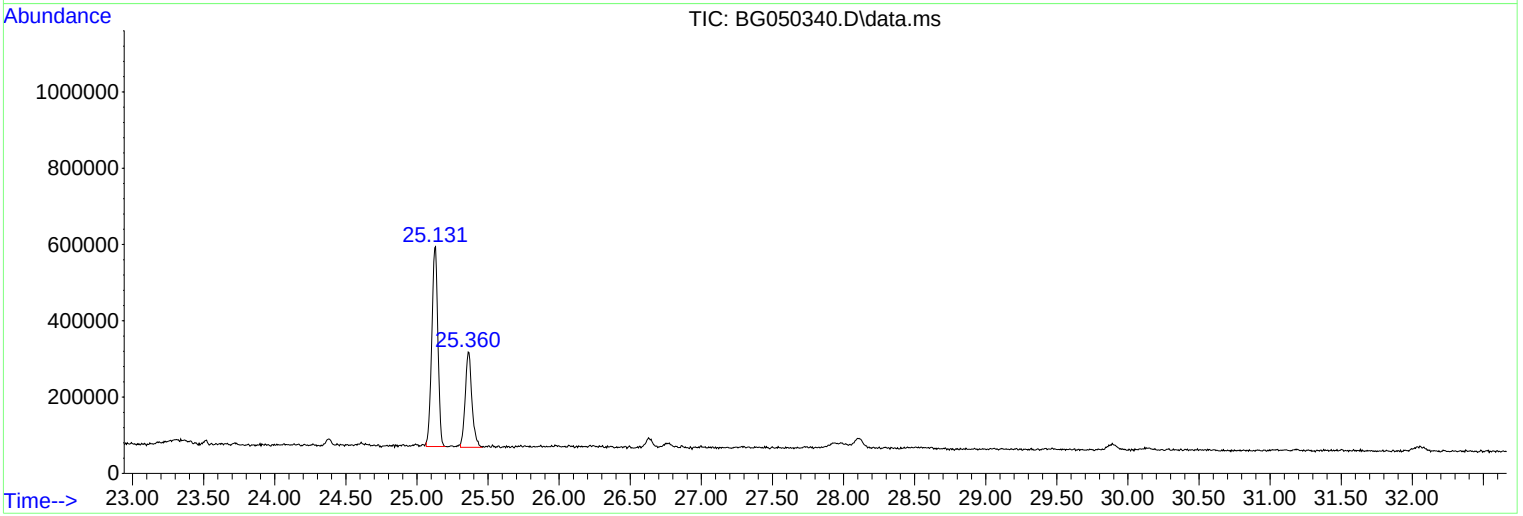
Instrument :
BNA_G
ClientSampleId :
C0AF6

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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Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : C0AF6

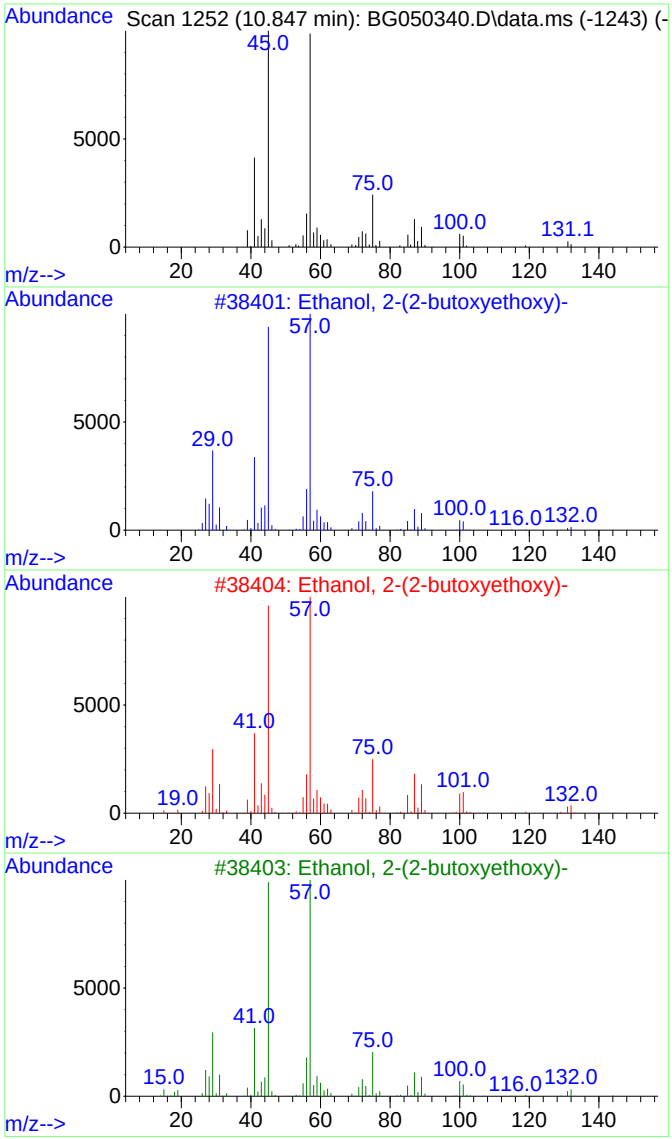
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

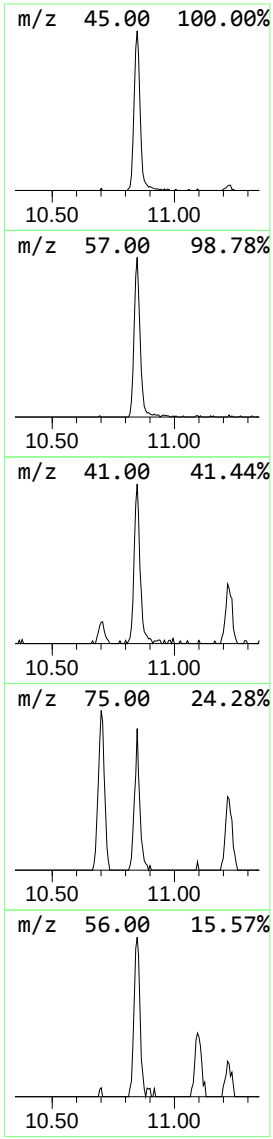
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	8.86 ng/ul	170394	Naphthalene-d8	11.100

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, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83





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Instrument :
BNA_G
ClientSampleId :
C0AF6

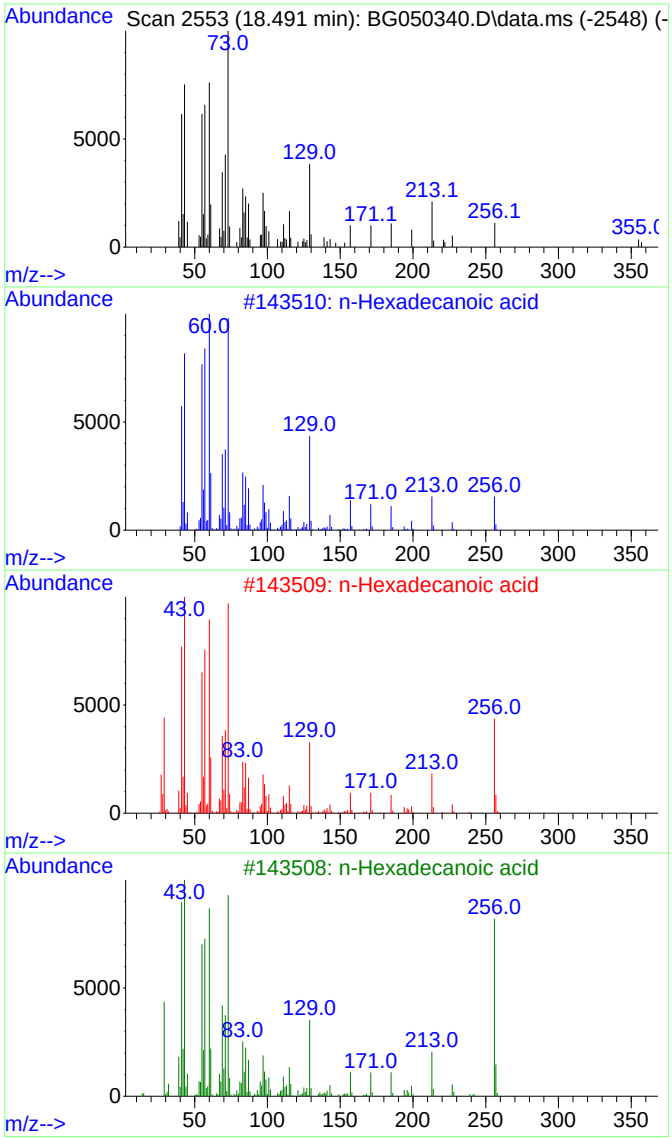
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

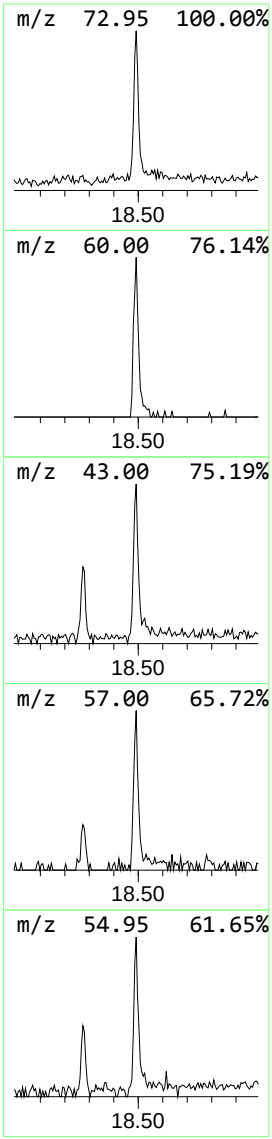
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.491	2.87 ng/ul	100117	Phenanthrene-d10	17.633

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





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ClientSampleId : C0AF6

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

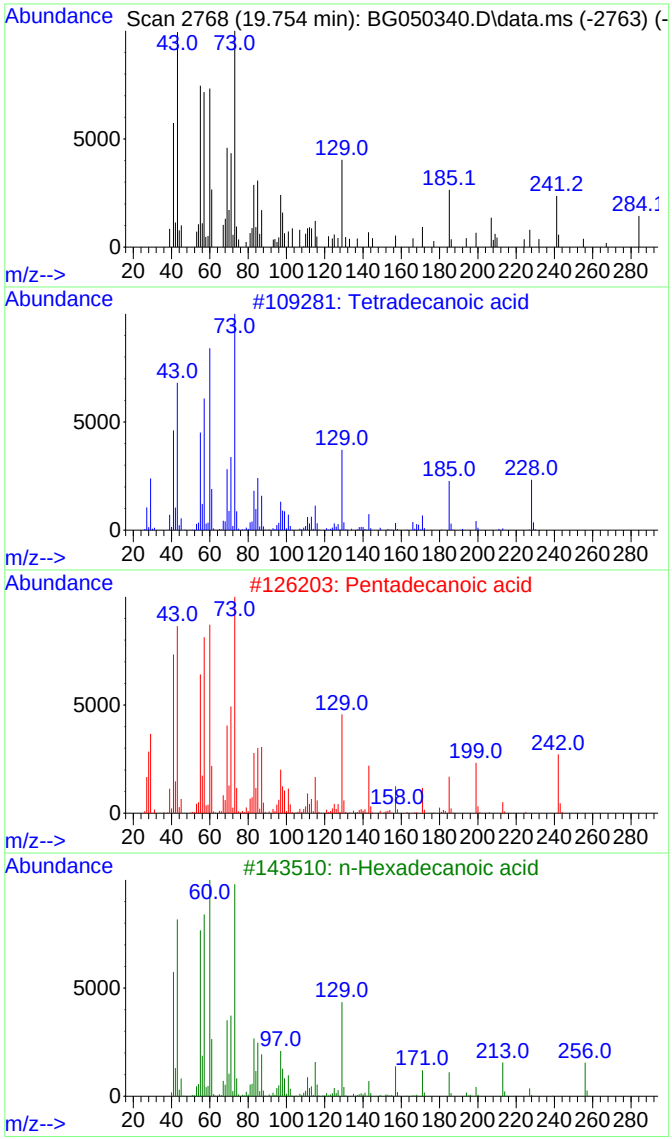
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

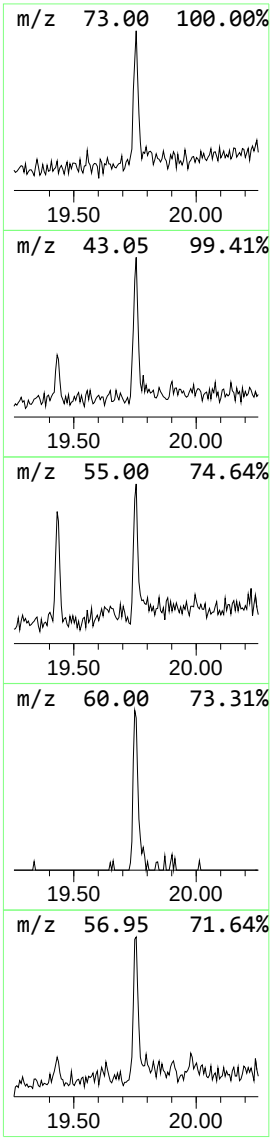
****

Peak Number 3 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.755	2.01 ng/ul	70119	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	52
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





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Instrument : BNA_G
ClientSampleId : C0AF6

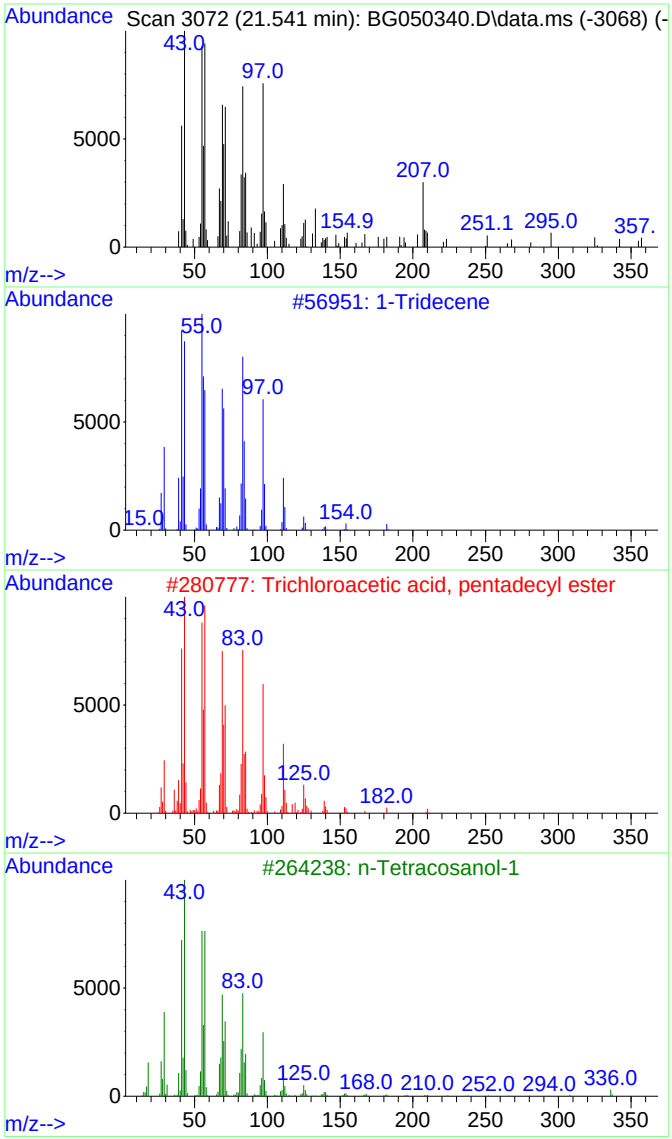
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

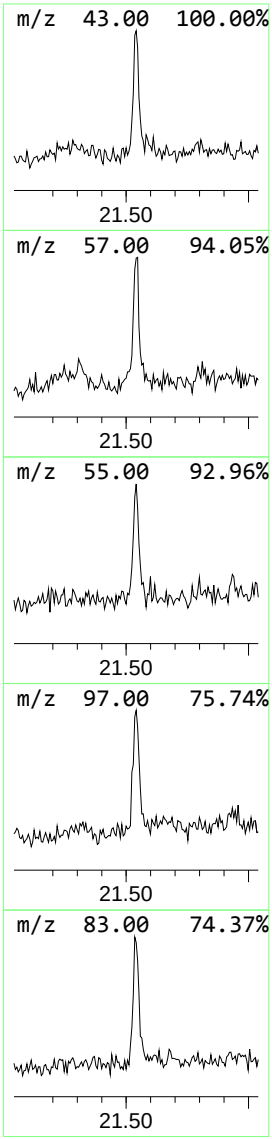
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.541	2.10 ng/ul	76831	Chrysene-d12	21.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
5	Cyclopentadecane	210	C15H30	000295-48-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050340.D
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Instrument : BNA_G
ClientSampleId : C0AF6

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, 2-(2-b...	10.847	8.9	ng/ul	170394	2	11.100	384579	20.0
n-Hexadecanoic ...	18.491	2.9	ng/ul	100117	4	17.633	698784	20.0
Tetradecanoic acid	19.755	2.0	ng/ul	70119	4	17.633	698784	20.0
(DEL) Alkane: S...	21.541	2.1	ng/ul	76831	5	21.934	731646	20.0