LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052130.D
Acq On : 24 Jan 2022 17:29
Operator : CG/JU
Sample : N1199-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q22

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-BG010622.M
Title : SVOA CALIBRATION

Signal : TIC: BG052130.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.576	11	15	19	rVB2	6071	8297	0.93%	0.095%
2	3.852	60	62	66	rBV2	1883	2765	0.31%	0.032%
3	4.005	83	88	96	rBV	30628	53329	6.00%	0.609%
4	4.251	126	130	132	rBV2	936	1240	0.14%	0.014%
5	4.351	144	147	154	rBV2	3083	5374	0.60%	0.061%
6	4.803	217	224	227	rBV4	629	1359	0.15%	0.016%
7	5.291	303	307	312	rBV2	1560	1950	0.22%	0.022%
8	7.388	656	664	673	rBV3	24850	49408	5.56%	0.564%
9	7.553	685	692	702	rBV	84178	145320	16.35%	1.659%
10	7.682	710	714	719	rBV2	676	1316	0.15%	0.015%
11	7.770	723	729	735	rBV	88994	156787	17.65%	1.790%
12	8.246	803	810	820	rBV	99855	172267	19.39%	1.966%
13	8.951	923	930	937	rVB	72953	130174	14.65%	1.486%
14	9.068	947	950	954	rBV3	1203	1731	0.19%	0.020%
15	9.415	1000	1009	1016	rBV	127001	223088	25.11%	2.546%
16	9.832	1076	1080	1083	rVB2	3605	4334	0.49%	0.049%
17	10.149	1126	1134	1141	rVB2	109469	193064	21.73%	2.204%
18	10.695	1220	1227	1237	rBV	151898	273647	30.80%	3.124%
19	10.831	1245	1250	1256	rBV2	16576	26346	2.97%	0.301%
20	11.083	1284	1293	1301	rBV	145614	261520	29.43%	2.985%
21	11.207	1306	1314	1326	rVB	143683	260667	29.34%	2.975%
22	12.652	1557	1560	1567	rBV3	2797	4624	0.52%	0.053%
23	13.480	1699	1701	1705	rBV3	1190	1456	0.16%	0.017%
24	13.703	1734	1739	1744	rBV3	3741	5298	0.60%	0.060%
25	13.768	1744	1750	1755	rVV2	21017	29692	3.34%	0.339%
26	14.279	1828	1837	1843	rBV	329994	477175	53.70%	5.447%
27	14.508	1874	1876	1882	rBV3	2288	3491	0.39%	0.040%
28	14.584	1882	1889	1899	rVB	363892	566990	63.81%	6.472%
29	14.761	1917	1919	1926	rVB3	2244	2727	0.31%	0.031%
30	14.890	1934	1941	1948	rVB	259839	396462	44.62%	4.525%
31	15.078	1966	1973	1984	rBV2	20787	40002	4.50%	0.457%
32	15.606	2060	2063	2066	rVB2	1963	2668	0.30%	0.030%
33	15.659	2070	2072	2073	rVV	2388	1821	0.20%	0.021%
34	15.706	2077	2080	2084	rVV2	2560	4092	0.46%	0.047%
35	15.783	2088	2093	2095	rVB3	956	1345	0.15%	0.015%
36	15.877	2102	2109	2117	rVB	468261	718592	80.87%	8.202%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Title : SVOA CALIBRATION

37	15.982	2122	2127	2135	rVV	125163	191136	21.51%	2.182%
38	16.118	2147	2150	2155	rBV3	2669	3974	0.45%	0.045%
39	16.311	2181	2183	2185	rBV3	1523	1775	0.20%	0.020%
40	16.411	2194	2200	2202	rBV2	1679	2583	0.29%	0.029%
41	16.570	2225	2227	2230	rVB4	1456	1513	0.17%	0.017%
42	16.746	2253	2257	2262	rBV4	2742	4503	0.51%	0.051%
43	16.916	2283	2286	2287	rBV2	1749	1268	0.14%	0.014%
44	16.981	2293	2297	2298	rVB3	1871	1258	0.14%	0.014%
45	17.292	2348	2350	2356	rBV3	1751	1893	0.21%	0.022%
46	17.369	2359	2363	2368	rVB4	4346	5662	0.64%	0.065%
47	17.422	2368	2372	2376	rBV3	3241	4529	0.51%	0.052%
48	17.639	2402	2409	2415	rBV	313902	474766	53.43%	5.419%
49	17.739	2418	2426	2434	rVB2	509655	788338	88.72%	8.998%
50	17.974	2463	2466	2467	rBV3	1614	1254	0.14%	0.014%
51	18.115	2487	2490	2491	rVB3	2303	1644	0.19%	0.019%
52	18.279	2513	2518	2523	rVB	45684	60054	6.76%	0.685%
53	18.373	2532	2534	2538	rBV4	2005	1722	0.19%	0.020%
54	18.461	2547	2549	2551	rBV2	1402	1564	0.18%	0.018%
55	18.579	2567	2569	2571	rBV2	1263	1228	0.14%	0.014%
56	19.090	2654	2656	2658	rBV3	1532	1464	0.16%	0.017%
57	19.290	2686	2690	2691	rBV3	2973	3975	0.45%	0.045%
58	19.407	2708	2710	2711	rBV2	5593	4644	0.52%	0.053%
59	19.442	2711	2716	2720	rVB	102781	116895	13.16%	1.334%
60	19.572	2734	2738	2743	rBV3	18258	25662	2.89%	0.293%
61	19.648	2748	2751	2759	rVB2	8632	16603	1.87%	0.190%
62	19.748	2767	2768	2770	rBV3	2634	1412	0.16%	0.016%
63	20.018	2808	2814	2823	rVB	627020	888555	100.00%	10.142%
64	21.557	3073	3076	3080	rBV5	9022	14442	1.63%	0.165%
65	21.957	3137	3144	3151	rBV	281105	485582	54.65%	5.543%
66	22.897	3302	3304	3306	rBV3	4354	2516	0.28%	0.029%
67	24.436	3562	3566	3573	rVB4	15547	31988	3.60%	0.365%
68	25.211	3688	3698	3710	rVB	290596	850184	95.68%	9.704%
69	25.446	3728	3738	3754	rVB3	160203	535873	60.31%	6.117%

Sum of corrected areas: 8760877

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ClientSampleId :
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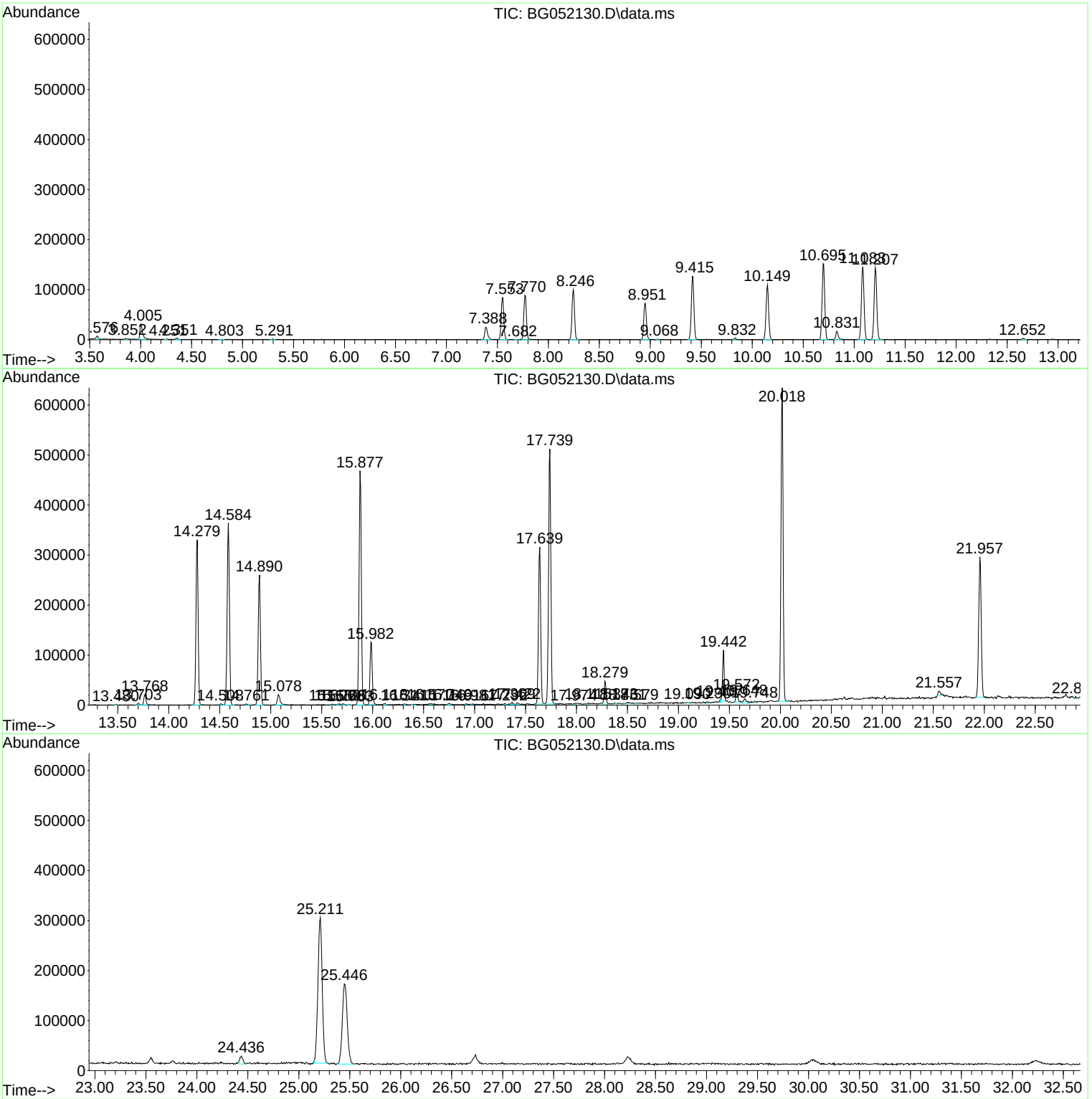
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

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



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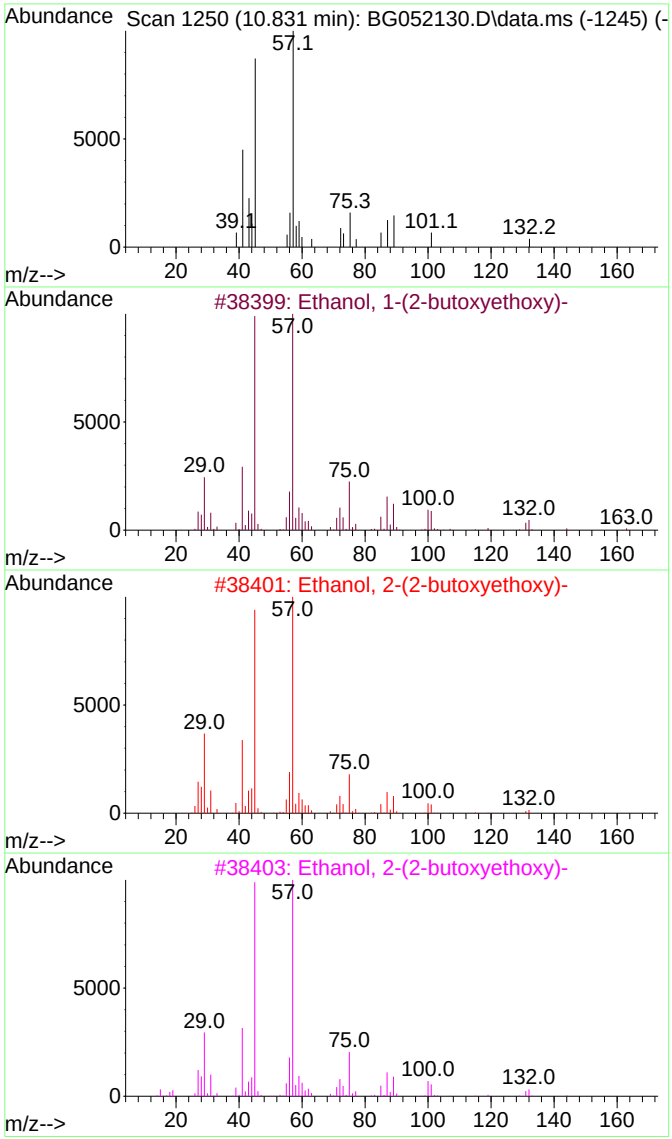
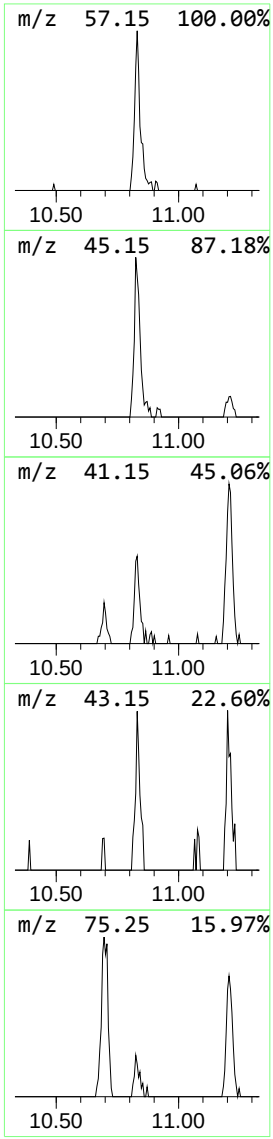
****
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.831	2.01 ng/ul	26346	Naphthalene-d8	11.083

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	83
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78





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Instrument :
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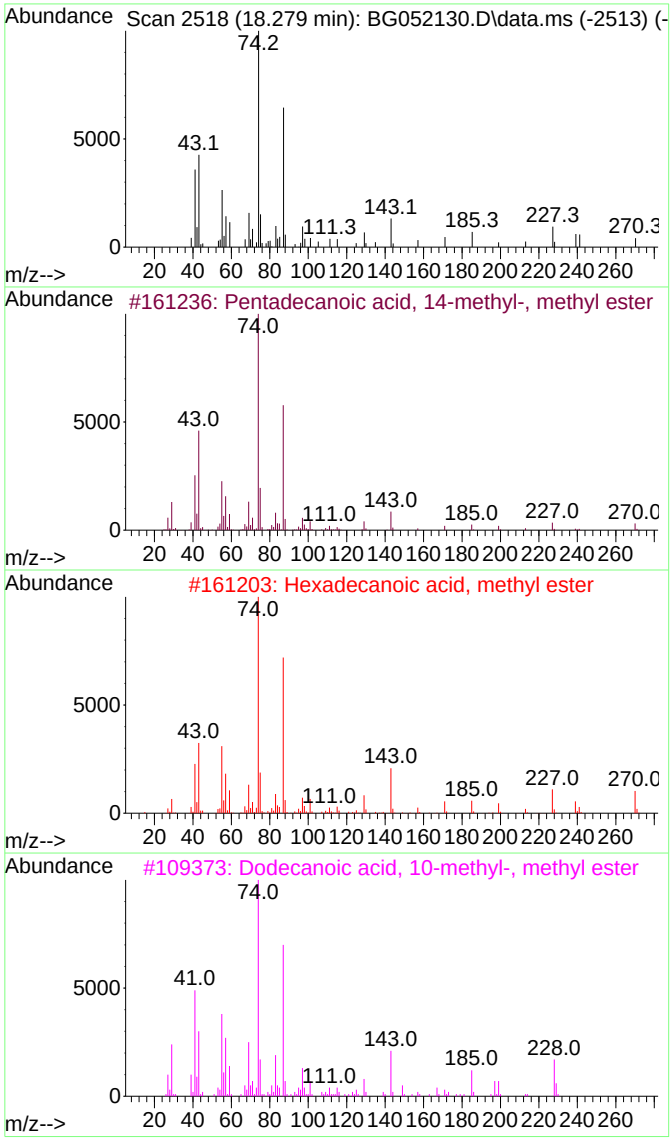
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

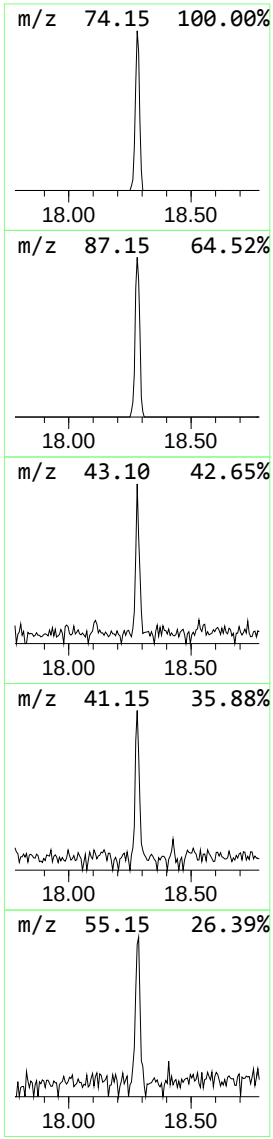
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecanoic acid, 14-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.279	2.53 ng/ul	60054	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90





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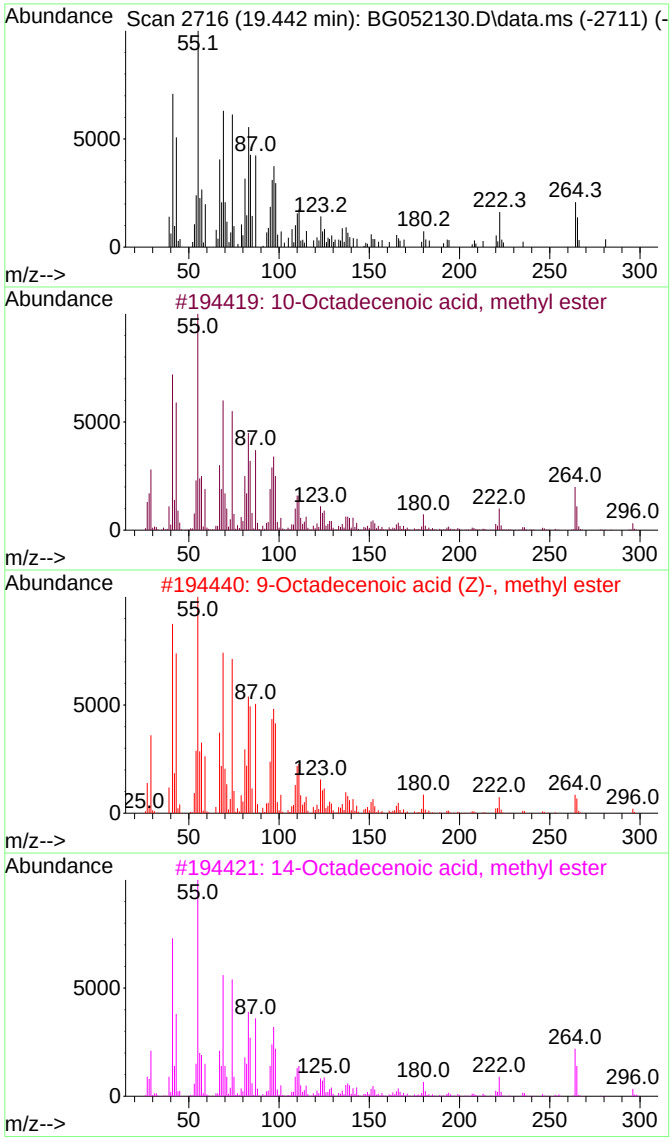
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

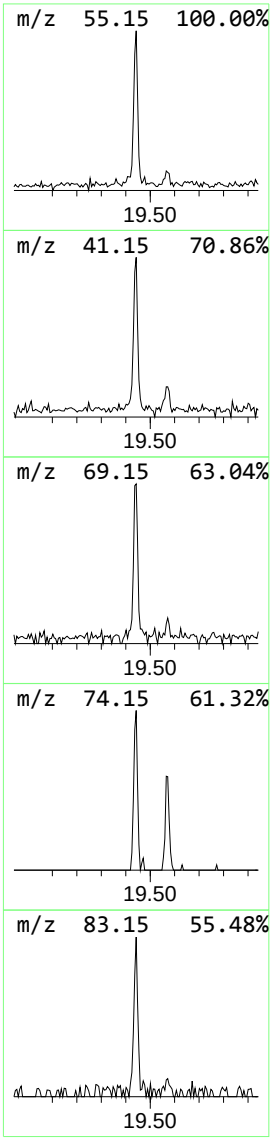
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 10-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	4.92 ng/ul	116895	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	87
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	87
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 1-(2-b...	10.831	2.0	ng/ul	26346	2	11.083	261520	20.0
Pentadecanoic a...	18.279	2.5	ng/ul	60054	4	17.639	474766	20.0
10-Octadecenoic...	19.442	4.9	ng/ul	116895	4	17.639	474766	20.0