LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050331.D
Acq On : 30 Sep 2021 19:54
Operator : CG/JU
Sample : M3777-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF9

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: BG050331.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.640	23	26	35	rVB5	10116	19618	1.15%	0.130%
2	4.075	95	100	114	rVB	32020	62790	3.69%	0.417%
3	4.175	114	117	121	rBV5	1747	2401	0.14%	0.016%
4	4.304	136	139	143	rVB5	5339	8294	0.49%	0.055%
5	4.410	151	157	159	rBV2	4656	5720	0.34%	0.038%
6	4.621	189	193	199	rVB4	4697	6350	0.37%	0.042%
7	4.962	249	251	256	rVB4	1028	1760	0.10%	0.012%
8	5.033	261	263	267	rBV3	2134	3169	0.19%	0.021%
9	6.337	481	485	488	rBV3	1633	1991	0.12%	0.013%
10	7.401	655	666	675	rBV	56352	107791	6.33%	0.716%
11	7.589	687	698	710	rBV	175692	307904	18.08%	2.045%
12	7.794	726	733	743	rBV	168815	306867	18.02%	2.038%
13	8.276	807	815	822	rBV	188765	336230	19.75%	2.233%
14	8.958	923	931	941	rBV	142838	257887	15.15%	1.713%
15	9.099	952	955	958	rBV3	1215	1769	0.10%	0.012%
16	9.445	1006	1014	1022	rBV	212255	393638	23.12%	2.615%
17	9.827	1073	1079	1086	rBV5	4053	6425	0.38%	0.043%
18	10.168	1128	1137	1147	rBV	163280	292346	17.17%	1.942%
19	10.703	1220	1228	1237	rVV	243315	437468	25.69%	2.906%
20	10.855	1245	1254	1265	rBV	44002	83773	4.92%	0.556%
21	11.102	1288	1296	1304	rBV	240195	456623	26.82%	3.033%
22	11.226	1310	1317	1328	rVB	170684	321030	18.86%	2.132%
23	11.443	1348	1354	1359	rBV3	1219	1793	0.11%	0.012%
24	11.842	1418	1422	1427	rBV5	2284	3915	0.23%	0.026%
25	12.318	1499	1503	1508	rVB2	3366	5072	0.30%	0.034%
26	12.559	1538	1544	1549	rBV3	1359	2054	0.12%	0.014%
27	12.665	1557	1562	1568	rBV4	4659	8063	0.47%	0.054%
28	14.287	1831	1838	1845	rVV	515034	746262	43.83%	4.957%
29	14.345	1845	1848	1855	rVB2	1854	2860	0.17%	0.019%
30	14.586	1881	1889	1898	rVV	530286	860383	50.53%	5.715%
31	14.669	1898	1903	1909	rVB2	1328	2879	0.17%	0.019%
32	14.768	1915	1920	1923	rBV3	1303	2188	0.13%	0.015%
33	14.892	1934	1941	1948	rVB	387733	625242	36.72%	4.153%
34	15.050	1961	1968	1976	rVB	66322	107989	6.34%	0.717%
35	15.268	2001	2005	2008	rVV2	5004	6713	0.39%	0.045%
36	15.468	2029	2039	2043	rVB5	2651	6467	0.38%	0.043%

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Operator : CG/JU
Sample : M3777-15
Misc :
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Instrument : BNA_G
ClientSampleId : C0AF9

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	15.614	2059	2064	2068	rBV5	3648	5281	0.31%	0.035%
38	15.667	2070	2073	2075	rBV5	1385	1722	0.10%	0.011%
39	15.767	2086	2090	2093	rBV3	1494	2174	0.13%	0.014%
40	15.879	2102	2109	2117	rVB	728504	1129387	66.33%	7.502%
41	15.979	2117	2126	2133	rBV	251171	373043	21.91%	2.478%
42	16.114	2145	2149	2153	rBV4	5649	7819	0.46%	0.052%
43	16.320	2180	2184	2187	rVB4	2324	3228	0.19%	0.021%
44	16.590	2227	2230	2235	rVB4	3272	4933	0.29%	0.033%
45	16.654	2235	2241	2244	rBV4	2975	5535	0.33%	0.037%
46	16.989	2296	2298	2304	rBV5	2544	3649	0.21%	0.024%
47	17.359	2360	2361	2364	rBV2	2459	2145	0.13%	0.014%
48	17.418	2366	2371	2375	rVB5	5079	7824	0.46%	0.052%
49	17.636	2400	2408	2418	rBV	496743	782910	45.98%	5.201%
50	17.736	2418	2425	2432	rVB	832514	1336912	78.52%	8.881%
51	17.994	2466	2469	2472	rVV5	2432	3386	0.20%	0.022%
52	18.023	2472	2474	2477	rVB4	2614	2471	0.15%	0.016%
53	18.059	2477	2480	2482	rBV3	2116	2233	0.13%	0.015%
54	18.276	2512	2517	2524	rBV3	19420	26509	1.56%	0.176%
55	18.335	2524	2527	2528	rBV3	1514	1939	0.11%	0.013%
56	18.358	2528	2531	2533	rBV3	1844	1746	0.10%	0.012%
57	18.435	2542	2544	2546	rBV3	1941	1716	0.10%	0.011%
58	18.493	2549	2554	2565	rBV	134118	203001	11.92%	1.348%
59	18.752	2596	2598	2600	rVB2	2927	2249	0.13%	0.015%
60	18.775	2600	2602	2603	rBV2	3858	2392	0.14%	0.016%
61	18.881	2618	2620	2622	rBV3	2480	2417	0.14%	0.016%
62	19.222	2675	2678	2681	rBV5	2753	4833	0.28%	0.032%
63	19.410	2705	2710	2711	rBV4	7152	10390	0.61%	0.069%
64	19.575	2734	2738	2743	rBV7	11147	18549	1.09%	0.123%
65	19.639	2745	2749	2753	rVB2	14965	23975	1.41%	0.159%
66	19.757	2764	2769	2778	rBV	130434	191282	11.23%	1.271%
67	20.009	2805	2812	2819	rBV	1105611	1702588	100.00%	11.310%
68	21.543	3069	3073	3077	rBV6	32993	45265	2.66%	0.301%
69	21.936	3133	3140	3147	rVB	489546	852479	50.07%	5.663%
70	25.133	3673	3684	3695	rVB2	528624	1570234	92.23%	10.430%
71	25.368	3714	3724	3739	rVB2	287152	914521	53.71%	6.075%

Sum of corrected areas: 15054461

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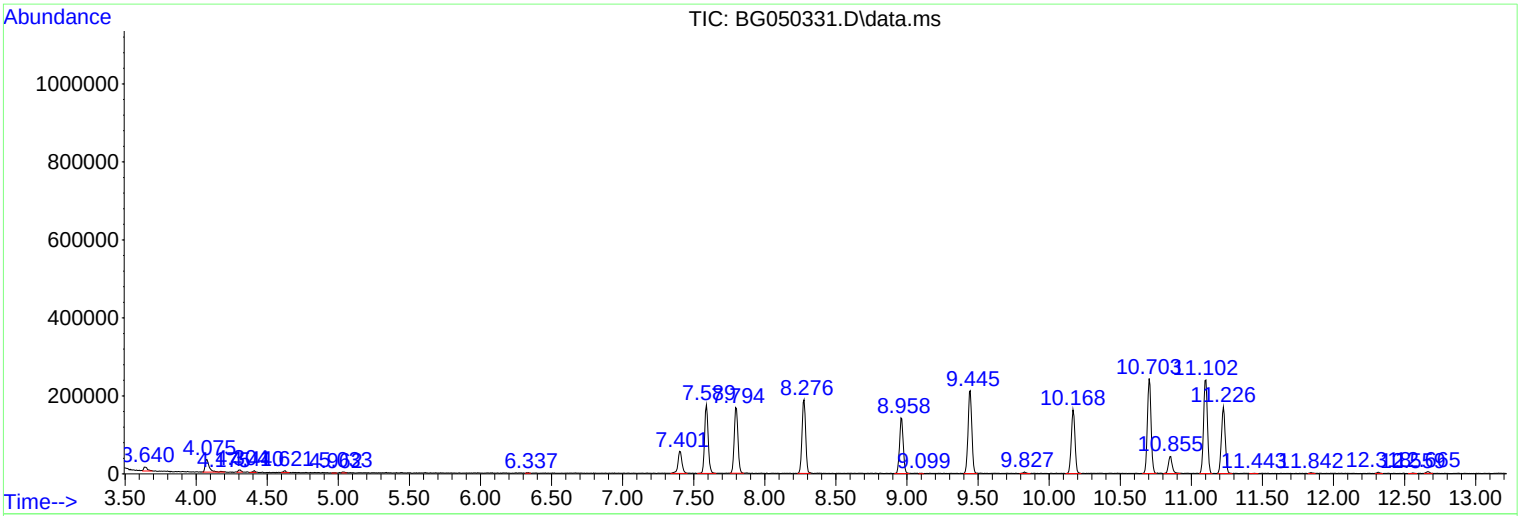
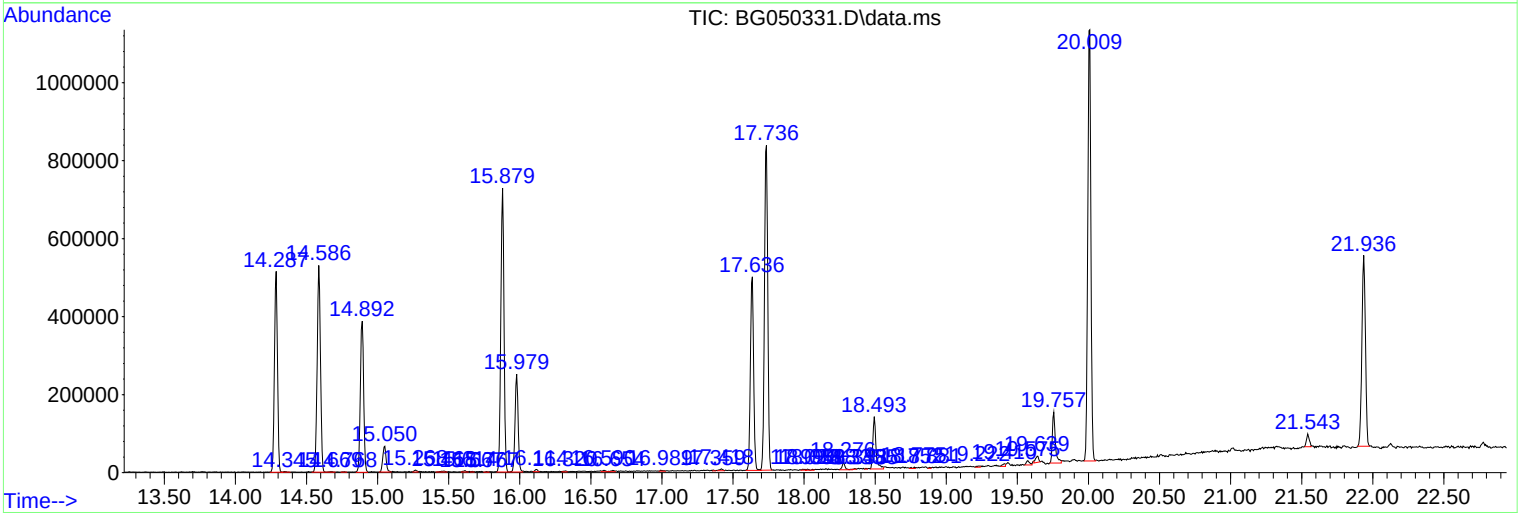
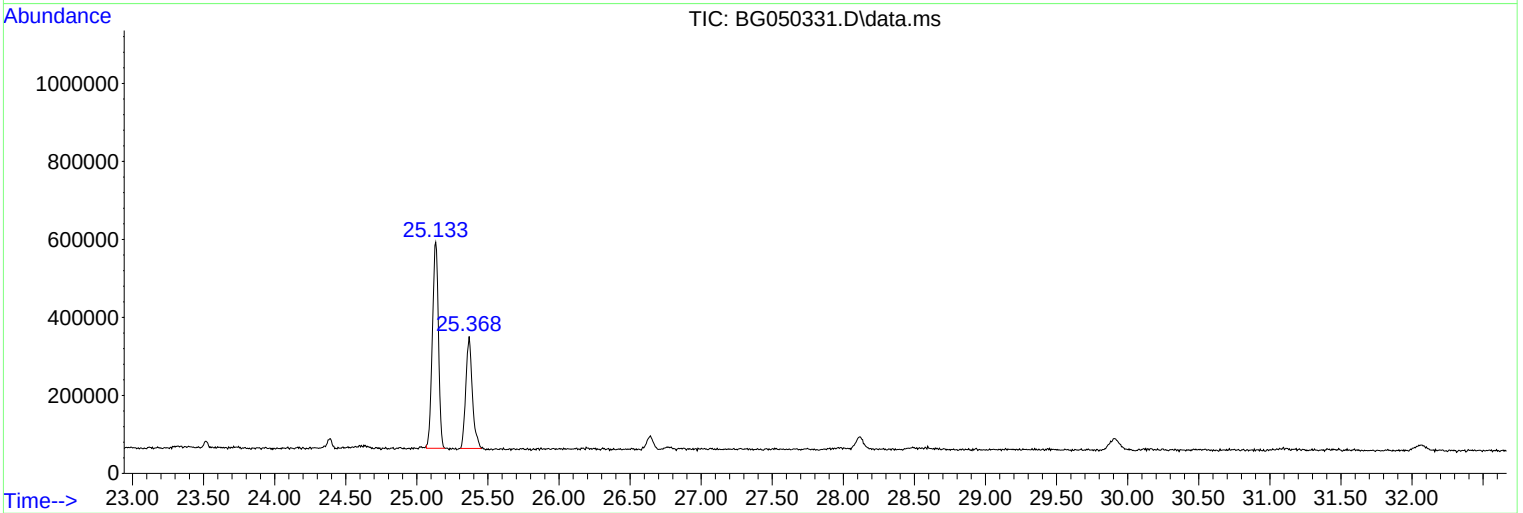
Instrument :
BNA_G
ClientSampleId :
C0AF9

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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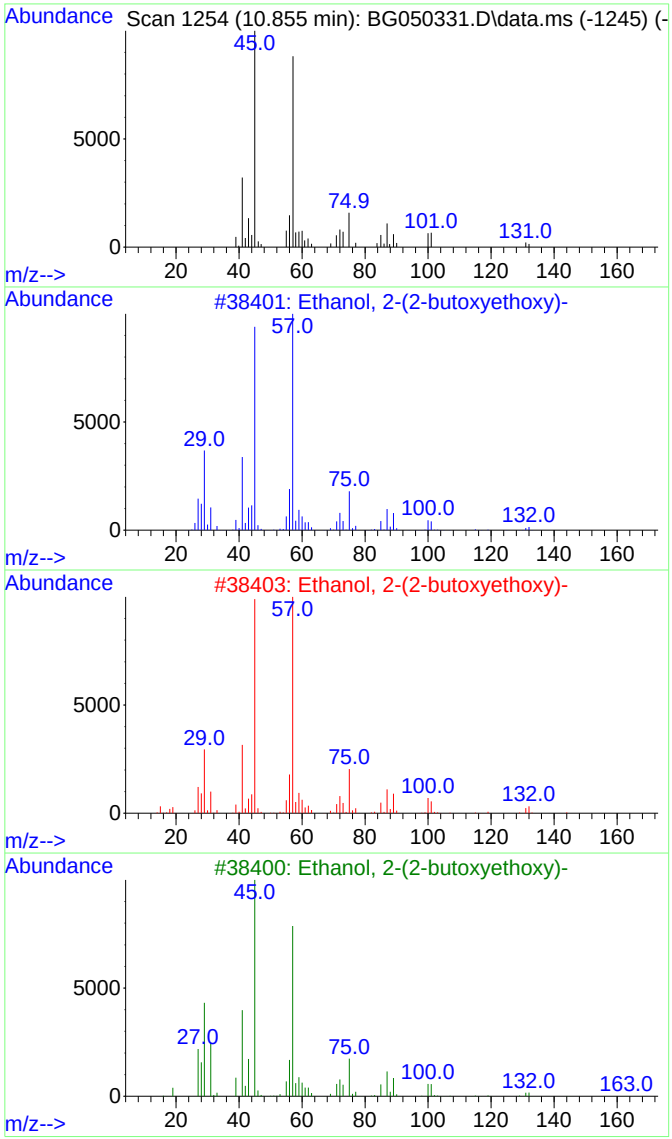
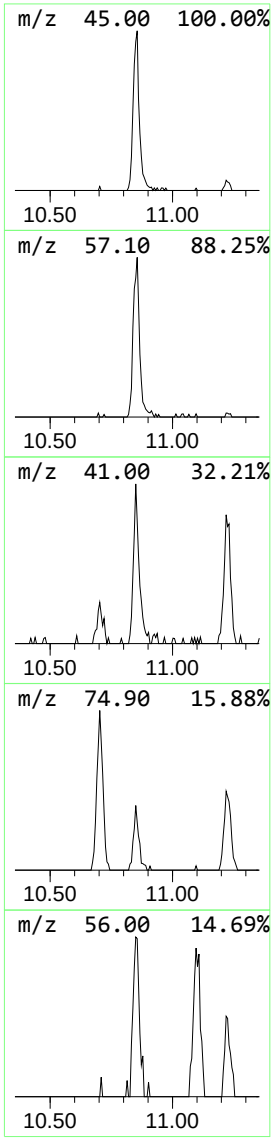
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.855	3.67 ng/ul	83773	Naphthalene-d8	11.096

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	83
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	78
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF9

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

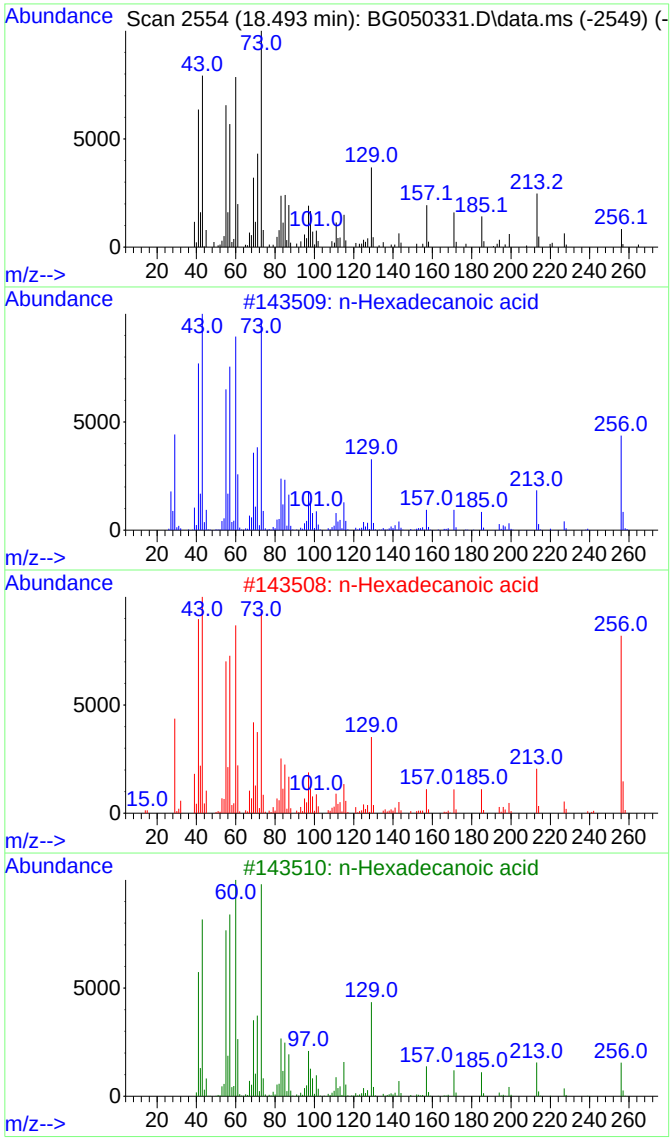
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

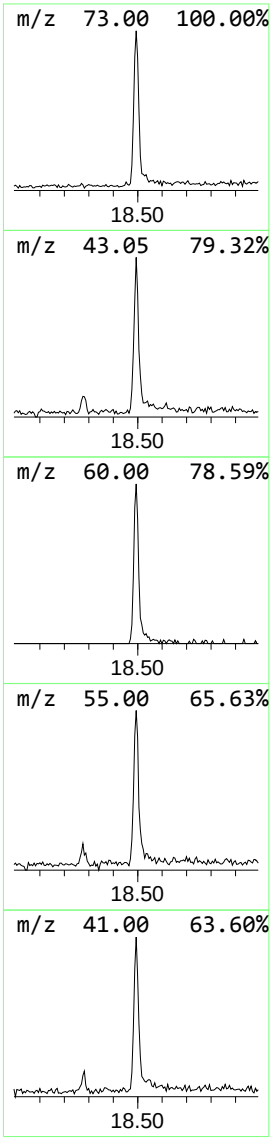
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.493	5.19 ng/ul	203001	Phenanthrene-d10	17.636

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	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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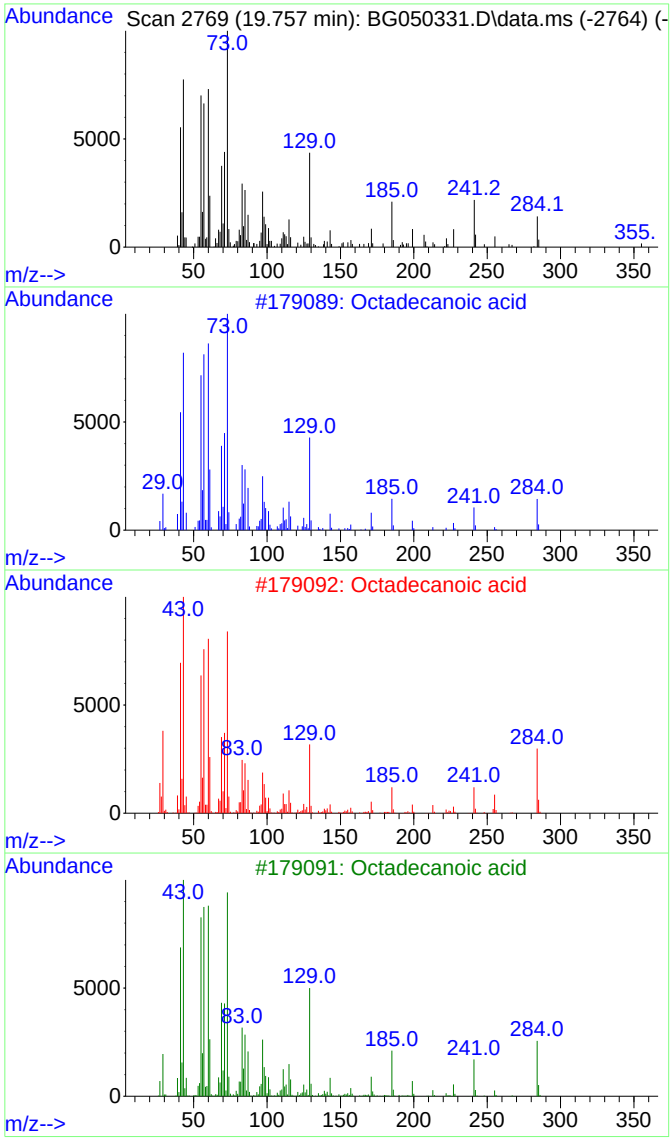
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

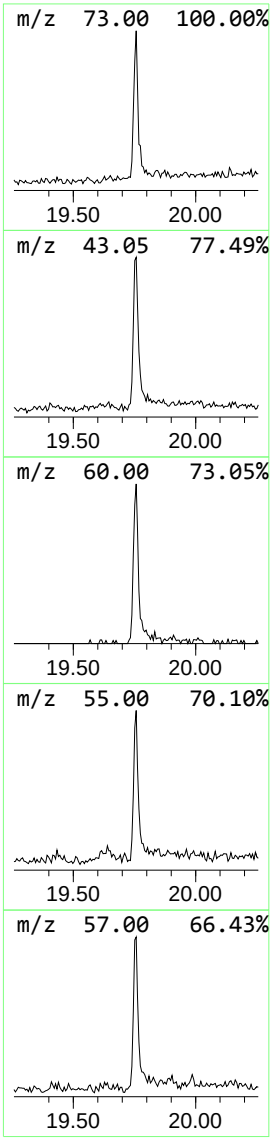
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.757	4.89 ng/ul	191282	Phenanthrene-d10	17.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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...	10.855	3.7	ng/ul	83773	2	11.096	456623	20.0
n-Hexadecanoic ...	18.493	5.2	ng/ul	203001	4	17.636	782910	20.0
Octadecanoic acid	19.757	4.9	ng/ul	191282	4	17.636	782910	20.0