LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
Data File : BM045980.D
Acq On : 11 Jun 2024 17:41
Operator : MA/JU
Sample : P2642-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B36

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_M\Methods\SFAM-EPA-BM053124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM045980.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	7	9	17	rVB3	15317	24420	0.93%	0.085%
2	3.463	78	81	97	rBV2	111967	309168	11.78%	1.074%
3	3.722	123	125	130	rVB5	8715	12560	0.48%	0.044%
4	4.081	184	186	189	rBV4	2427	3547	0.14%	0.012%
5	4.146	193	197	199	rBV3	5807	6878	0.26%	0.024%
6	4.234	205	212	218	rBV4	6893	18208	0.69%	0.063%
7	5.281	388	390	393	rVB3	3311	2679	0.10%	0.009%
8	5.510	427	429	434	rVB5	2347	4182	0.16%	0.015%
9	5.940	499	502	505	rBV4	2067	2711	0.10%	0.009%
10	6.287	559	561	564	rBV4	2661	3507	0.13%	0.012%
11	6.398	577	580	582	rBV3	2769	3220	0.12%	0.011%
12	6.698	624	631	644	rBV	286168	605725	23.08%	2.105%
13	6.810	644	650	665	rVB	197801	405263	15.44%	1.408%
14	7.004	676	683	693	rBV	302549	538738	20.53%	1.872%
15	7.439	750	757	770	rBV	412104	705115	26.86%	2.450%
16	7.569	774	779	780	rBV4	4467	6058	0.23%	0.021%
17	7.686	795	799	802	rBV6	1705	2810	0.11%	0.010%
18	7.781	812	815	817	rVB4	3159	3153	0.12%	0.011%
19	8.210	882	888	904	rBV	368411	729334	27.79%	2.534%
20	8.610	949	956	972	rBV	344806	615960	23.47%	2.140%
21	8.810	986	990	995	rBV6	4087	8772	0.33%	0.030%
22	9.022	1023	1026	1030	rVB7	2507	3361	0.13%	0.012%
23	9.228	1056	1061	1063	rBV6	3783	6745	0.26%	0.023%
24	9.275	1063	1069	1070	rVV5	8907	16316	0.62%	0.057%
25	9.322	1070	1077	1090	rVB	268080	510260	19.44%	1.773%
26	9.575	1118	1120	1123	rBV4	3375	3114	0.12%	0.011%
27	9.875	1164	1171	1184	rBV	347718	720680	27.46%	2.504%
28	10.210	1221	1228	1242	rBV	617186	1074467	40.94%	3.734%
29	10.398	1252	1260	1286	rBV	299063	754790	28.76%	2.623%
30	10.739	1317	1318	1322	rVB4	2174	2671	0.10%	0.009%
31	10.875	1336	1341	1346	rBV7	4282	9419	0.36%	0.033%
32	10.951	1352	1354	1358	rVB5	3305	2937	0.11%	0.010%
33	11.033	1363	1368	1376	rBV4	21537	55300	2.11%	0.192%
34	11.604	1461	1465	1466	rBV3	3624	4015	0.15%	0.014%
35	11.680	1475	1478	1480	rVB4	2821	3367	0.13%	0.012%
36	11.704	1480	1482	1485	rBV2	2469	2818	0.11%	0.010%

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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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Title : SVOA CALIBRATION

37	11.827	1496	1503	1510	rBV8	7048	15913	0.61%	0.055%
38	12.939	1686	1692	1696	rBV6	5466	8728	0.33%	0.030%
39	13.410	1768	1772	1774	rBV5	1996	2859	0.11%	0.010%
40	13.539	1787	1794	1807	rBV	768487	1172104	44.66%	4.073%
41	13.774	1828	1834	1845	rBV	904874	1357722	51.73%	4.718%
42	14.015	1873	1875	1879	rBV5	4213	5391	0.21%	0.019%
43	14.086	1879	1887	1895	rVV	974238	1423337	54.23%	4.946%
44	14.157	1895	1899	1906	rVB10	18859	33831	1.29%	0.118%
45	14.386	1927	1938	1954	rBV	285635	661745	25.21%	2.300%
46	14.574	1967	1970	1972	rBV4	3189	3633	0.14%	0.013%
47	14.662	1983	1985	1988	rVB4	3693	3802	0.14%	0.013%
48	14.721	1990	1995	1997	rBV6	2463	3097	0.12%	0.011%
49	14.910	2024	2027	2029	rBV3	4341	4889	0.19%	0.017%
50	14.968	2033	2037	2041	rVB6	6021	10071	0.38%	0.035%
51	15.086	2051	2057	2065	rBV	1139697	1653985	63.02%	5.747%
52	15.227	2073	2081	2094	rBV	316866	482766	18.39%	1.678%
53	15.315	2094	2096	2101	rVV6	5790	12180	0.46%	0.042%
54	15.362	2103	2104	2109	rVV5	6985	8349	0.32%	0.029%
55	15.521	2128	2131	2132	rBV3	3545	3117	0.12%	0.011%
56	15.833	2181	2184	2188	rBV5	7463	11391	0.43%	0.040%
57	15.868	2188	2190	2195	rVB4	4246	5407	0.21%	0.019%
58	15.974	2206	2208	2210	rVB3	4845	3276	0.12%	0.011%
59	16.027	2215	2217	2220	rVB4	3082	2997	0.11%	0.010%
60	16.080	2223	2226	2231	rVB6	6299	7428	0.28%	0.026%
61	16.292	2259	2262	2263	rBV3	3337	2817	0.11%	0.010%
62	16.380	2274	2277	2279	rBV4	4658	5713	0.22%	0.020%
63	16.509	2296	2299	2301	rVB4	4953	5087	0.19%	0.018%
64	16.580	2307	2311	2315	rBV6	4648	6095	0.23%	0.021%
65	16.621	2315	2318	2322	rBV6	7288	11197	0.43%	0.039%
66	16.656	2322	2324	2327	rVB4	6039	5543	0.21%	0.019%
67	16.727	2333	2336	2339	rBV4	13164	16354	0.62%	0.057%
68	16.762	2339	2342	2345	rVV5	7570	10732	0.41%	0.037%
69	16.833	2347	2354	2358	rVV	1260564	1739986	66.29%	6.046%
70	16.868	2358	2360	2364	rVV	63383	81817	3.12%	0.284%
71	16.927	2364	2370	2383	rVB	1227985	1811238	69.01%	6.294%
72	17.021	2383	2386	2389	rBV5	10787	14092	0.54%	0.049%
73	17.156	2405	2409	2412	rBV5	5836	9117	0.35%	0.032%
74	17.298	2429	2433	2435	rBV4	13334	14028	0.53%	0.049%
75	17.321	2435	2437	2440	rVB4	6383	7154	0.27%	0.025%
76	17.439	2452	2457	2463	rVB7	29427	59981	2.29%	0.208%

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Misc :
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Instrument :
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ClientSampleId :
A4B36

Integration Parameters: LSCINT.P
Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Title : SVOA CALIBRATION

77	17.527	2469	2472	2475	rBV3	12831	15676	0.60%	0.054%
78	17.562	2475	2478	2484	rVB8	12095	18190	0.69%	0.063%
79	17.639	2490	2491	2495	rVB4	5365	5091	0.19%	0.018%
80	17.709	2495	2503	2506	rBV7	11772	25022	0.95%	0.087%
81	17.762	2507	2512	2523	rBV2	173184	344606	13.13%	1.197%
82	17.909	2532	2537	2540	rBV6	34643	54053	2.06%	0.188%
83	17.968	2544	2547	2550	rVB4	20805	24252	0.92%	0.084%
84	18.009	2552	2554	2560	rVB7	11059	15228	0.58%	0.053%
85	18.198	2582	2586	2591	rBV6	23960	41772	1.59%	0.145%
86	18.303	2601	2604	2606	rVV4	9265	9580	0.36%	0.033%
87	18.339	2607	2610	2613	rVV5	10324	12974	0.49%	0.045%
88	18.368	2613	2615	2621	rVB5	13977	17464	0.67%	0.061%
89	18.509	2635	2639	2643	rVB6	13895	21128	0.80%	0.073%
90	18.633	2656	2660	2663	rBV6	10332	16990	0.65%	0.059%
91	18.774	2680	2684	2685	rBV4	19279	24984	0.95%	0.087%
92	18.862	2697	2699	2700	rBV	10664	7756	0.30%	0.027%
93	18.892	2700	2704	2709	rVB	103493	140525	5.35%	0.488%
94	19.050	2726	2731	2740	rBV	100829	223368	8.51%	0.776%
95	19.227	2756	2761	2771	rBV	1722853	2438673	92.91%	8.474%
96	20.262	2934	2937	2940	rBV3	37914	44725	1.70%	0.155%
97	20.762	3018	3022	3027	rBV3	96313	164534	6.27%	0.572%
98	21.039	3064	3069	3075	rBV	1640362	2198474	83.76%	7.640%
99	23.562	3491	3498	3505	rBV2	1175227	2406498	91.69%	8.362%
100	23.744	3521	3529	3543	rVB	1149807	2624679	100.00%	9.121%

Sum of corrected areas: 28777479

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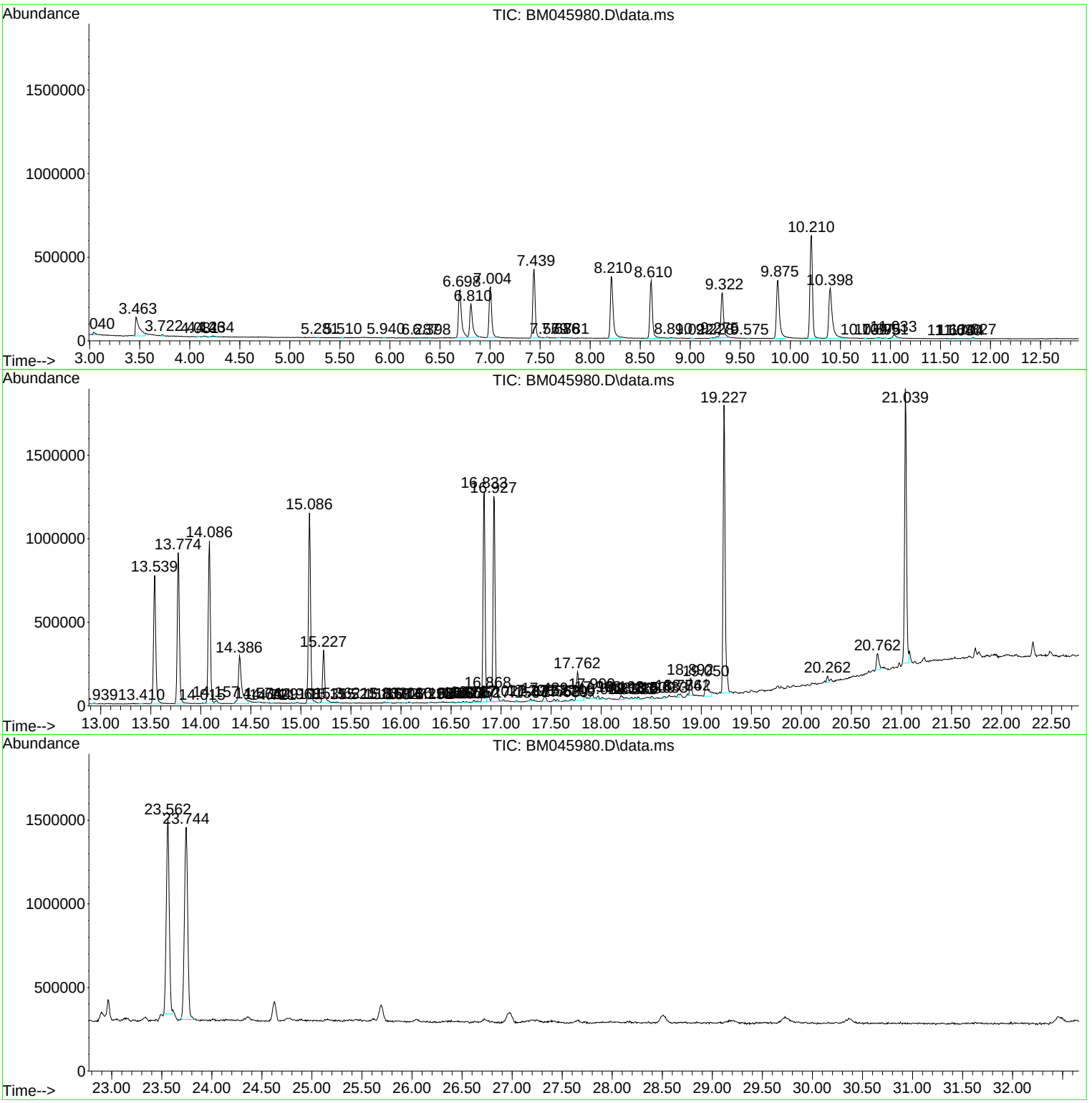
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
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Sample : P2642-12
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

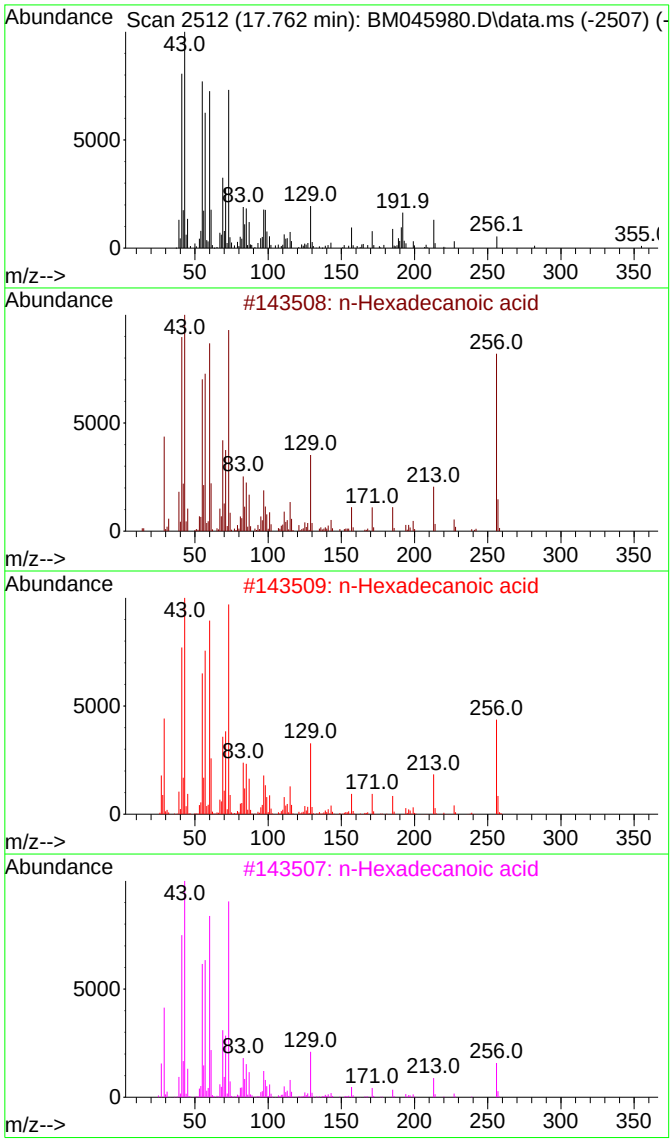
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

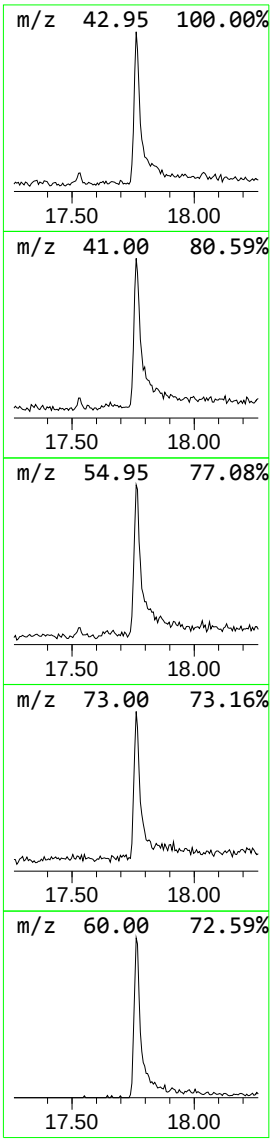
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.762	3.96 ng/ul	344606	Phenanthrene-d10	16.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	55





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Sample : P2642-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B36

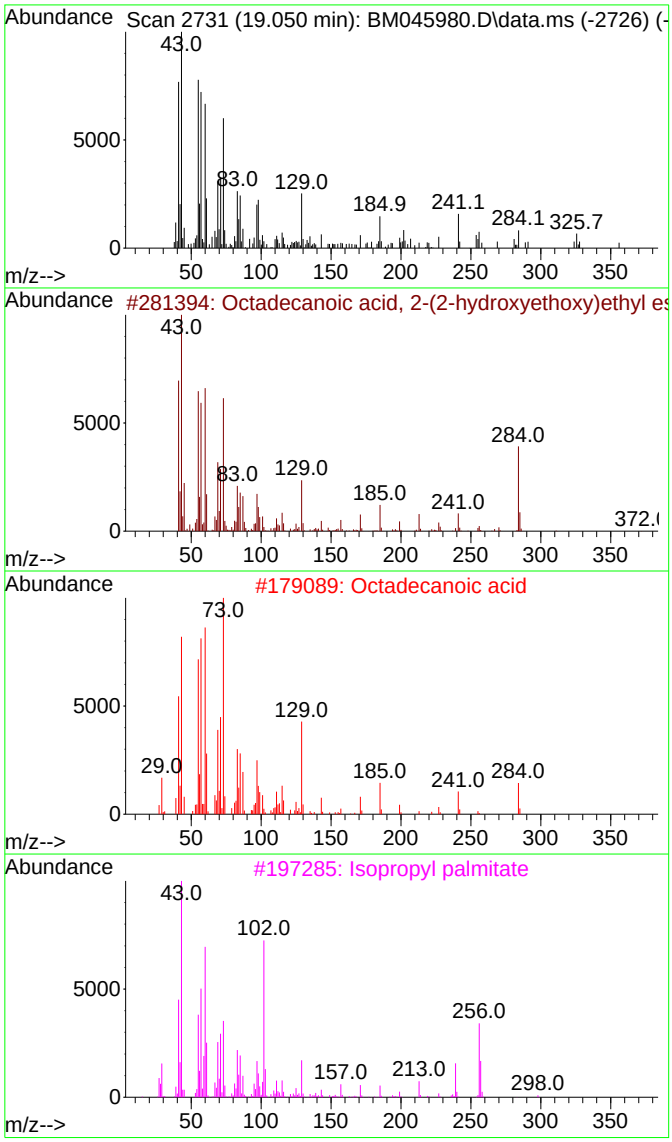
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

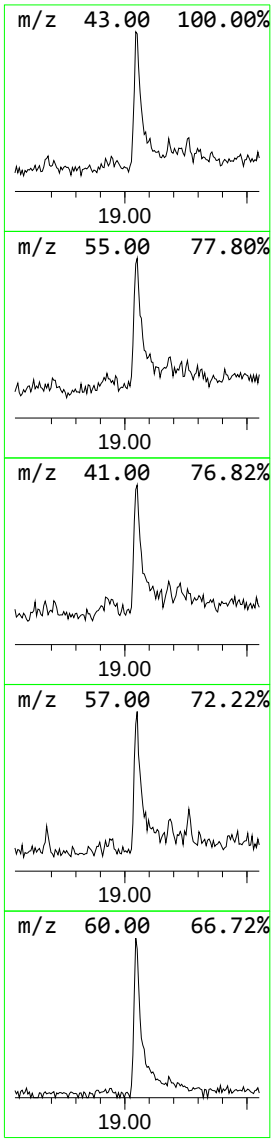
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid, 2-(2-hyd... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.050	2.03 ng/ul	223368	Chrysene-d12	21.038

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
2	Octadecanoic acid	284	C18H36O2	000057-11-4	68
3	Isopropyl palmitate	298	C19H38O2	000142-91-6	59
4	Heneicosanoic acid	326	C21H42O2	002363-71-5	53
5	Octadecanoic acid	284	C18H36O2	000057-11-4	53





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.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
n-Hexadecanoic ...	17.762	4.0	ng/ul	344606	4	16.833	1739990	20.0
Octadecanoic ac...	19.050	2.0	ng/ul	223368	5	21.038	2198470	20.0