LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

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: BM046020.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	24	26	28	rBV2	3853	2918	0.16%	0.026%
2	3.722	121	125	131	rVB5	8298	14585	0.78%	0.129%
3	3.881	151	152	154	rBV2	3411	2996	0.16%	0.027%
4	4.205	205	207	209	rBV3	3394	3851	0.21%	0.034%
5	4.434	245	246	250	rBV4	2699	3152	0.17%	0.028%
6	5.475	420	423	425	rBV4	3072	3217	0.17%	0.029%
7	5.687	456	459	461	rVB4	2597	3000	0.16%	0.027%
8	6.722	630	635	636	rBV5	7893	11048	0.59%	0.098%
9	6.740	636	638	643	rVB5	5140	6203	0.33%	0.055%
10	6.828	650	653	655	rBV4	5772	6548	0.35%	0.058%
11	7.010	679	684	690	rVV6	11538	21219	1.14%	0.188%
12	7.434	749	756	769	rBV	330122	583205	31.22%	5.176%
13	7.651	792	793	796	rBV3	3035	2819	0.15%	0.025%
14	8.240	887	893	895	rBV5	10297	15706	0.84%	0.139%
15	8.634	955	960	964	rBV4	9523	17694	0.95%	0.157%
16	9.281	1067	1070	1073	rVV5	2074	2786	0.15%	0.025%
17	9.334	1073	1079	1086	rVB7	8561	17886	0.96%	0.159%
18	9.798	1156	1158	1162	rVB4	2347	2788	0.15%	0.025%
19	9.934	1173	1181	1184	rBV7	6816	13970	0.75%	0.124%
20	10.204	1220	1227	1243	rBV	377543	802472	42.96%	7.122%
21	11.169	1387	1391	1394	rVB5	2840	2981	0.16%	0.026%
22	11.786	1492	1496	1498	rVB3	2096	2986	0.16%	0.026%
23	11.822	1498	1502	1504	rBV4	2356	2671	0.14%	0.024%
24	11.910	1511	1517	1522	rVV7	3678	9059	0.49%	0.080%
25	12.116	1548	1552	1558	rBV7	4458	7370	0.39%	0.065%
26	12.957	1692	1695	1699	rBV6	2638	4567	0.24%	0.041%
27	13.116	1713	1722	1725	rBV7	2946	6754	0.36%	0.060%
28	13.404	1769	1771	1775	rVV5	3790	3954	0.21%	0.035%
29	13.563	1790	1798	1807	rBV	24205	50826	2.72%	0.451%
30	13.775	1830	1834	1838	rBV2	32152	49669	2.66%	0.441%
31	13.939	1856	1862	1864	rBV5	1424	2771	0.15%	0.025%
32	14.027	1872	1877	1878	rBV5	3361	4801	0.26%	0.043%
33	14.080	1880	1886	1895	rVV	602491	993307	53.18%	8.815%
34	14.145	1895	1897	1902	rVB4	7868	9729	0.52%	0.086%
35	14.345	1927	1931	1936	rVB7	2315	4725	0.25%	0.042%
36	14.433	1941	1946	1949	rBV7	3765	6695	0.36%	0.059%

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Instrument :
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ClientSampleId :
BHBZ8

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	14.504	1952	1958	1966	rVV8	7211	15759	0.84%	0.140%
38	14.592	1969	1973	1981	rVV8	9616	25018	1.34%	0.222%
39	14.716	1993	1994	1999	rVB4	2988	3012	0.16%	0.027%
40	14.780	2002	2005	2007	rBV4	2931	3121	0.17%	0.028%
41	14.969	2032	2037	2041	rVB7	3818	8300	0.44%	0.074%
42	15.092	2053	2058	2063	rBV2	39345	62744	3.36%	0.557%
43	15.145	2065	2067	2073	rVB6	10571	16678	0.89%	0.148%
44	15.239	2077	2083	2092	rBV10	9545	22539	1.21%	0.200%
45	15.451	2116	2119	2124	rVB5	3816	5111	0.27%	0.045%
46	15.592	2141	2143	2148	rBV6	2924	4506	0.24%	0.040%
47	15.786	2172	2176	2178	rBV5	3486	3410	0.18%	0.030%
48	15.833	2180	2184	2187	rBV5	5655	8815	0.47%	0.078%
49	15.998	2209	2212	2213	rVV2	4440	4340	0.23%	0.039%
50	16.127	2230	2234	2237	rBV5	3320	6282	0.34%	0.056%
51	16.192	2241	2245	2249	rVB6	3392	5953	0.32%	0.053%
52	16.233	2249	2252	2254	rBV3	2454	3043	0.16%	0.027%
53	16.298	2260	2263	2266	rBV5	5978	10016	0.54%	0.089%
54	16.410	2279	2282	2284	rVB4	3337	2841	0.15%	0.025%
55	16.504	2292	2298	2303	rVB5	10461	18177	0.97%	0.161%
56	16.574	2309	2310	2314	rVB3	3789	3511	0.19%	0.031%
57	16.616	2314	2317	2319	rBV4	4790	5728	0.31%	0.051%
58	16.651	2319	2323	2328	rVB4	7239	10983	0.59%	0.097%
59	16.780	2340	2345	2347	rBV5	5104	7190	0.38%	0.064%
60	16.827	2347	2353	2357	rVV	851834	1198386	64.16%	10.635%
61	16.868	2357	2360	2366	rVV	159029	235542	12.61%	2.090%
62	16.927	2366	2370	2374	rVV	45593	80428	4.31%	0.714%
63	16.963	2374	2376	2382	rVV	38042	56430	3.02%	0.501%
64	17.045	2384	2390	2391	rBV4	4748	6650	0.36%	0.059%
65	17.157	2405	2409	2410	rVB4	3961	3501	0.19%	0.031%
66	17.257	2420	2426	2434	rBV2	16286	34564	1.85%	0.307%
67	17.357	2440	2443	2444	rBV2	3709	3015	0.16%	0.027%
68	17.404	2449	2451	2453	rVV3	3171	2914	0.16%	0.026%
69	17.427	2453	2455	2460	rVB6	4104	5583	0.30%	0.050%
70	17.527	2467	2472	2474	rBV5	6596	9046	0.48%	0.080%
71	17.627	2485	2489	2490	rBV4	4482	4336	0.23%	0.038%
72	17.704	2498	2502	2506	rBV4	20504	31434	1.68%	0.279%
73	17.757	2506	2511	2519	rVV2	190508	359192	19.23%	3.188%
74	17.821	2519	2522	2528	rVV3	49175	100781	5.40%	0.894%
75	17.892	2530	2534	2538	rVV4	38061	74898	4.01%	0.665%
76	17.933	2538	2541	2547	rVB4	21542	39953	2.14%	0.355%

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Instrument :
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ClientSampleId :
BHBZ8

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	18.210	2584	2588	2592	rBV3	20437	28242	1.51%	0.251%
78	18.257	2593	2596	2601	rVB3	20264	30061	1.61%	0.267%
79	18.298	2601	2603	2605	rBV3	5262	4717	0.25%	0.042%
80	18.327	2606	2608	2616	rVB9	8667	14682	0.79%	0.130%
81	18.415	2621	2623	2626	rBV4	4453	3101	0.17%	0.028%
82	18.504	2635	2638	2641	rBV4	11638	15279	0.82%	0.136%
83	18.545	2642	2645	2647	rVV3	5217	6968	0.37%	0.062%
84	18.633	2656	2660	2663	rBV2	17330	22856	1.22%	0.203%
85	18.768	2679	2683	2690	rBV3	20191	38457	2.06%	0.341%
86	18.892	2698	2704	2713	rBV	327218	460836	24.67%	4.090%
87	19.045	2725	2730	2738	rBV3	97900	196111	10.50%	1.740%
88	19.227	2756	2761	2762	rBV2	109135	130480	6.99%	1.158%
89	19.251	2762	2765	2770	rVB	225320	309505	16.57%	2.747%
90	19.439	2794	2797	2801	rBV2	16278	23132	1.24%	0.205%
91	19.721	2841	2845	2846	rBV4	29168	33510	1.79%	0.297%
92	19.915	2875	2878	2880	rBV3	26123	26921	1.44%	0.239%
93	20.051	2898	2901	2905	rBV	34832	49738	2.66%	0.441%
94	20.327	2944	2948	2951	rBV2	88994	110367	5.91%	0.979%
95	20.509	2976	2979	2984	rVB	57887	74006	3.96%	0.657%
96	20.968	3054	3057	3061	rBV	122232	163434	8.75%	1.450%
97	21.039	3062	3069	3073	rVV2	1161336	1867752	100.00%	16.576%
98	21.074	3073	3075	3080	rVB	202183	249643	13.37%	2.216%
99	22.892	3379	3384	3390	rBV	202932	482997	25.86%	4.286%
100	23.739	3520	3528	3538	rVB	761135	1720536	92.12%	15.269%

Sum of corrected areas: 11267989

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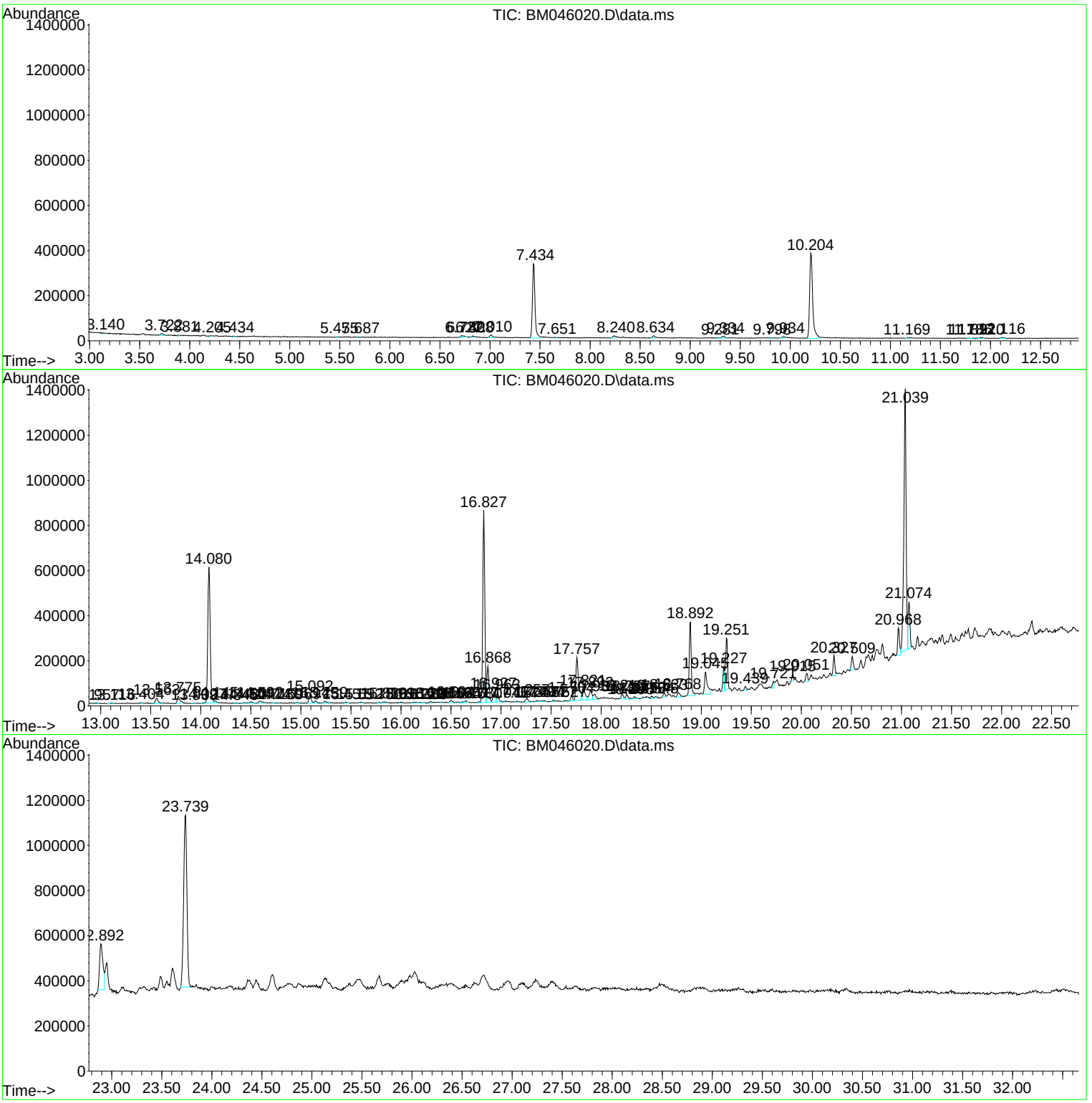
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 4 Sample Multiplier: 1

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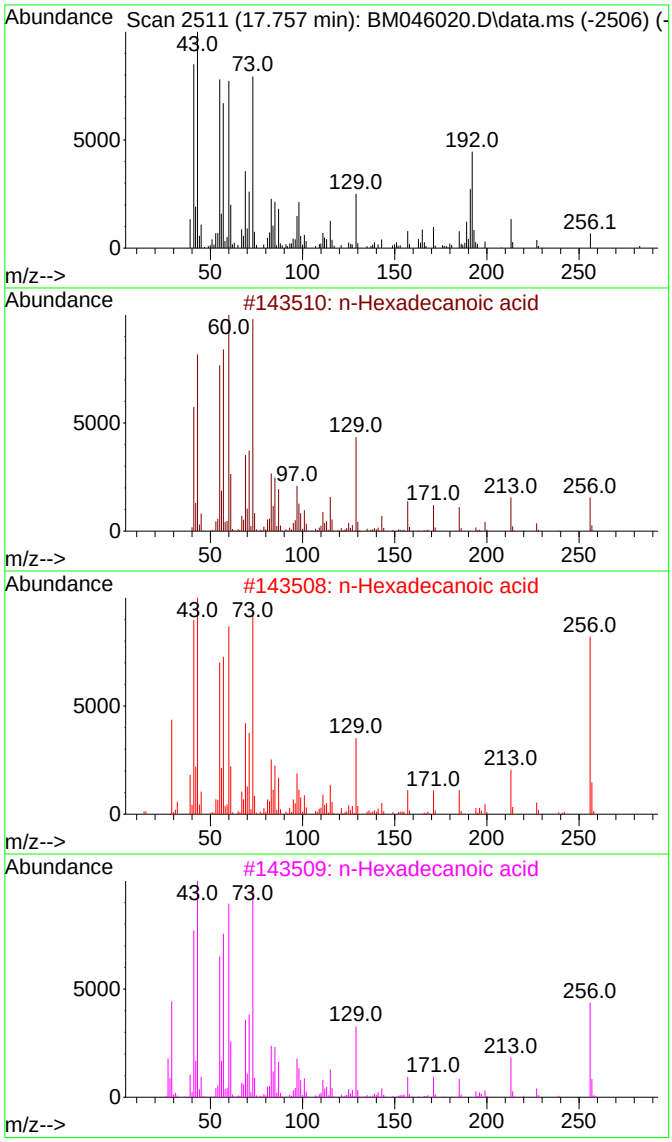
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

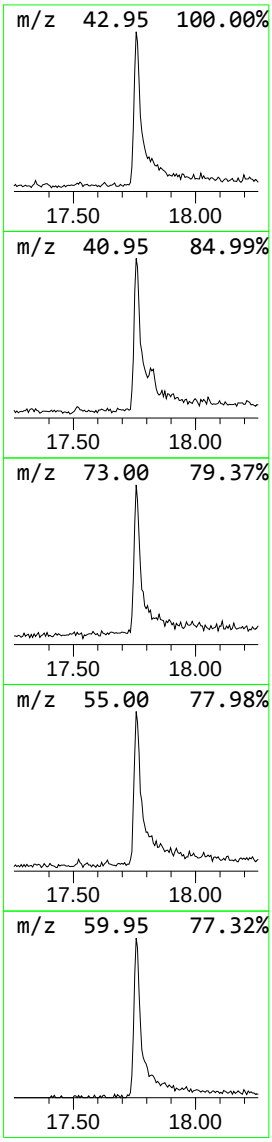
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	5.99 ng/ul	359192	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89





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Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

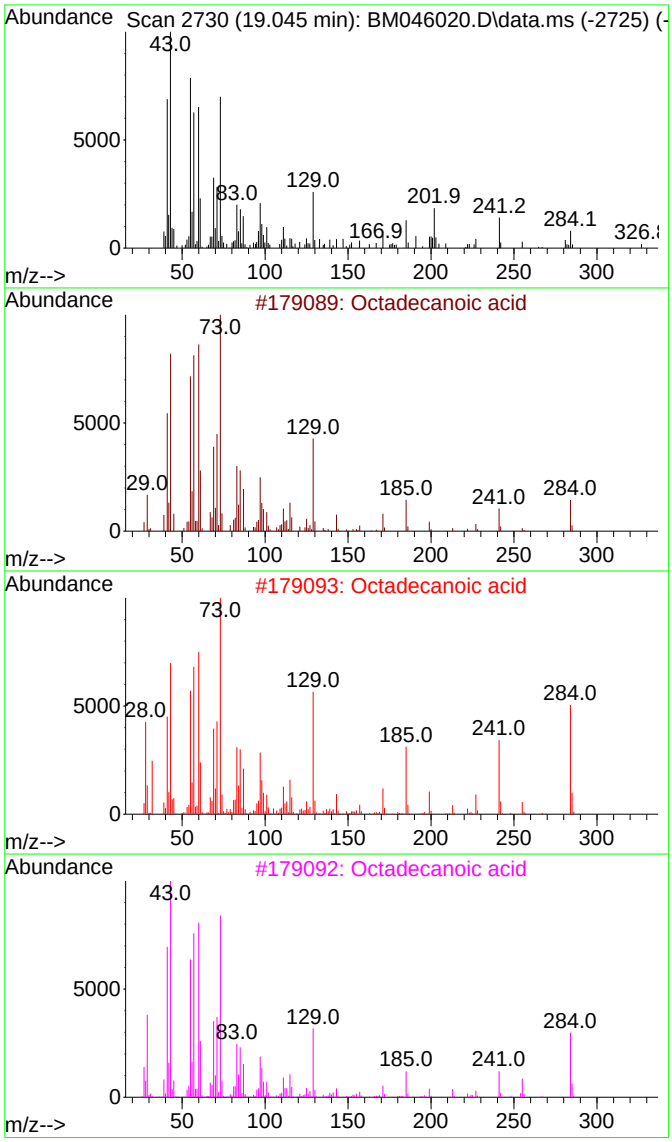
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

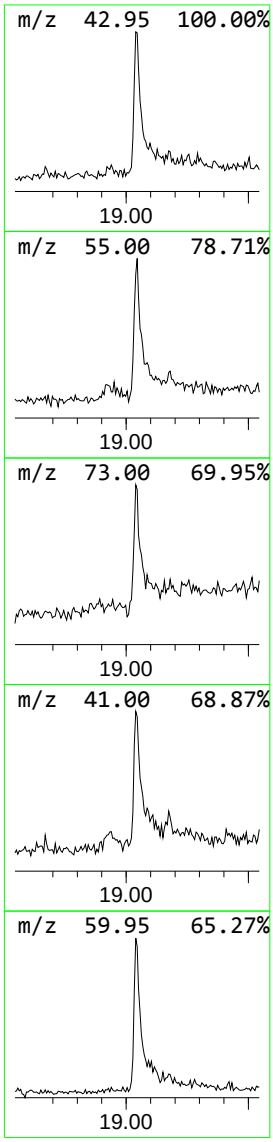
****

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	2.10 ng/ul	196111	Chrysene-d12	21.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5	Octadecanoic acid	284	C18H36O2	000057-11-4	62





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
n-Hexadecanoic ...	17.757	6.0	ng/ul	359192	4	16.827	1198390	20.0
Octadecanoic acid	19.045	2.1	ng/ul	196111	5	21.039	1867750	20.0