LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039601.D
Acq On : 23 Apr 2023 06:46
Operator : CG/JU
Sample : 02392-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BHE34

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-BM041823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM039601.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.172	19	23	27	rBV	73904	108434	2.14%	0.204%
2	3.208	27	29	32	rVV	59121	64516	1.27%	0.121%
3	3.243	32	35	41	rVB	42214	58401	1.15%	0.110%
4	3.637	99	102	127	rVB	212900	382072	7.53%	0.718%
5	3.960	153	157	164	rVB2	20156	31745	0.63%	0.060%
6	4.490	243	247	253	rVB	52709	80189	1.58%	0.151%
7	7.007	669	675	689	rBV	126358	312191	6.15%	0.587%
8	7.148	693	699	722	rVB	729292	1247152	24.57%	2.345%
9	7.348	727	733	755	rVV	693488	1248440	24.59%	2.347%
10	7.813	805	812	831	rBV	749347	1298577	25.58%	2.442%
11	8.166	868	872	879	rVB8	6936	13681	0.27%	0.026%
12	8.548	930	937	966	rBV	470373	1018773	20.07%	1.916%
13	8.984	1004	1011	1031	rBV	836300	1568668	30.90%	2.950%
14	9.366	1074	1076	1082	rVB5	4231	6576	0.13%	0.012%
15	9.707	1126	1134	1154	rBV	685186	1322094	26.04%	2.486%
16	10.260	1221	1228	1257	rBV	749910	1754754	34.57%	3.299%
17	10.484	1261	1266	1275	rVB	41722	80620	1.59%	0.152%
18	10.619	1282	1289	1306	rVB	1106646	1886569	37.16%	3.547%
19	10.772	1308	1315	1343	rBV	693431	1570013	30.93%	2.952%
20	12.236	1559	1564	1574	rBV2	10483	26052	0.51%	0.049%
21	13.277	1737	1741	1751	rBV3	22928	42115	0.83%	0.079%
22	13.366	1751	1756	1764	rVB3	13729	23809	0.47%	0.045%
23	13.889	1837	1845	1860	rBV	2034614	3053321	60.15%	5.741%
24	14.166	1885	1892	1910	rBV	2416934	3707949	73.04%	6.972%
25	14.472	1938	1944	1956	rBV	1639904	2473825	48.73%	4.652%
26	14.777	1990	1996	1997	rBV4	22730	31934	0.63%	0.060%
27	14.924	2017	2021	2035	rVB4	10907	32575	0.64%	0.061%
28	15.466	2107	2113	2132	rBV	2861296	4405781	86.79%	8.284%
29	15.607	2132	2137	2152	rVV	737486	1269431	25.01%	2.387%
30	15.713	2152	2155	2161	rVB6	18459	31999	0.63%	0.060%
31	15.842	2171	2177	2187	rVB	34699	65266	1.29%	0.123%
32	16.183	2231	2235	2236	rBV2	6395	8219	0.16%	0.015%
33	16.266	2243	2249	2251	rVB7	3584	5553	0.11%	0.010%
34	16.901	2355	2357	2365	rVB9	5249	8728	0.17%	0.016%
35	16.977	2366	2370	2372	rBV5	8423	11753	0.23%	0.022%
36	17.024	2374	2378	2383	rVB6	11370	18479	0.36%	0.035%

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Title : SVOA CALIBRATION

37	17.224	2405	2412	2423	rBV	1833475	2715454	53.49%	5.106%
38	17.324	2423	2429	2456	rVB	3172611	4686806	92.33%	8.813%
39	17.636	2478	2482	2485	rBV6	7280	12835	0.25%	0.024%
40	17.665	2485	2487	2492	rVV6	8020	14820	0.29%	0.028%
41	17.712	2493	2495	2500	rVB	17405	20736	0.41%	0.039%
42	17.895	2522	2526	2532	rBV9	16823	27498	0.54%	0.052%
43	18.124	2560	2565	2585	rBV	498581	1017477	20.04%	1.913%
44	18.412	2611	2614	2618	rVB	28054	34836	0.69%	0.066%
45	19.042	2718	2721	2726	rBV2	28135	37900	0.75%	0.071%
46	19.189	2742	2746	2751	rBV2	40858	60993	1.20%	0.115%
47	19.265	2755	2759	2765	rBV	45845	87460	1.72%	0.164%
48	19.407	2778	2783	2803	rBV	520786	1033161	20.35%	1.943%
49	19.624	2814	2820	2838	rBV	3677487	5076391	100.00%	9.545%
50	21.124	3072	3075	3085	rBV4	87887	194392	3.83%	0.366%
51	21.418	3121	3125	3136	rBV	1646588	2324484	45.79%	4.371%
52	23.630	3494	3501	3517	rBV2	2079809	4328562	85.27%	8.139%
53	23.783	3521	3527	3537	rVB2	1066078	2238486	44.10%	4.209%

Sum of corrected areas: 53182545

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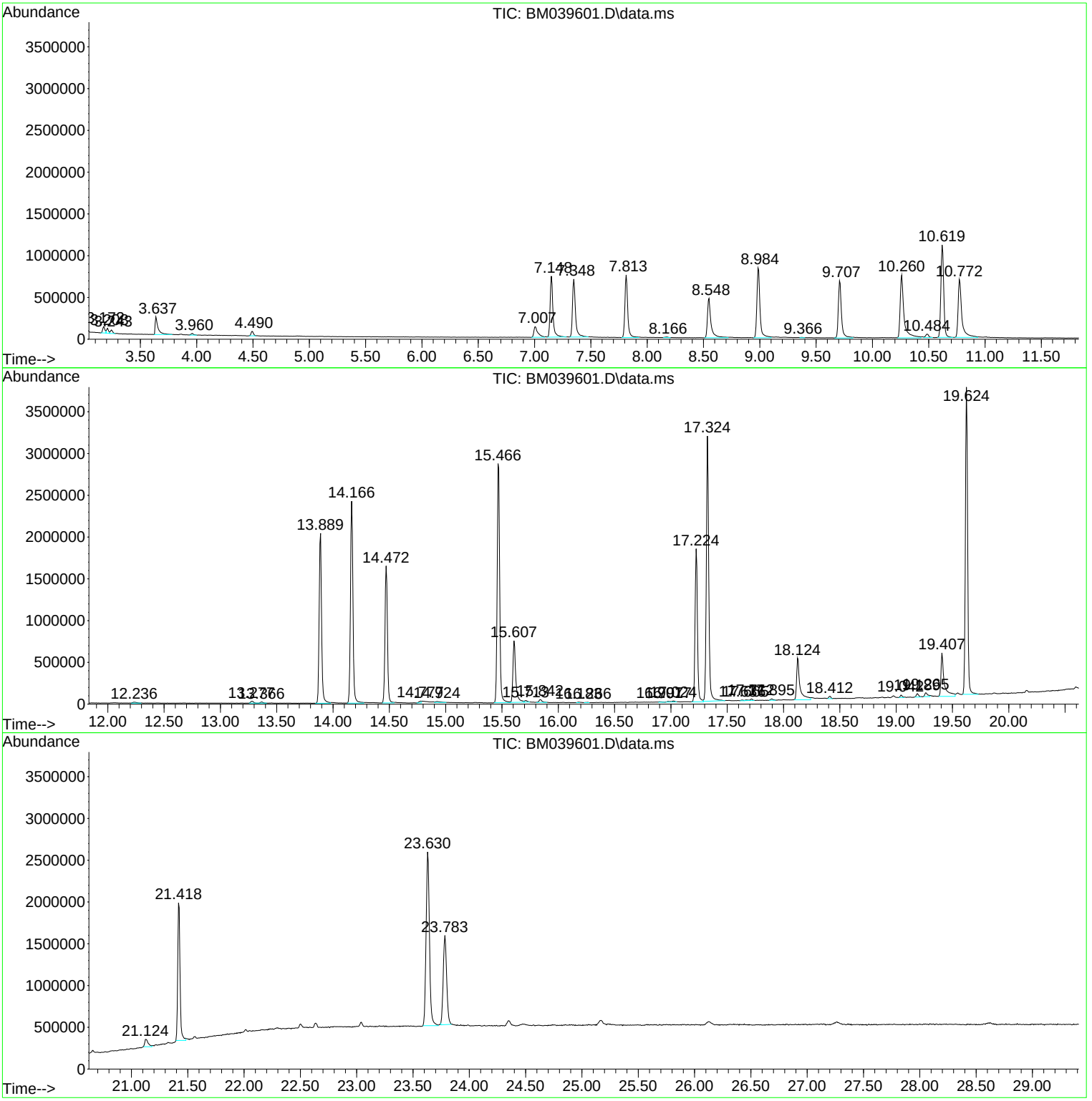
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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



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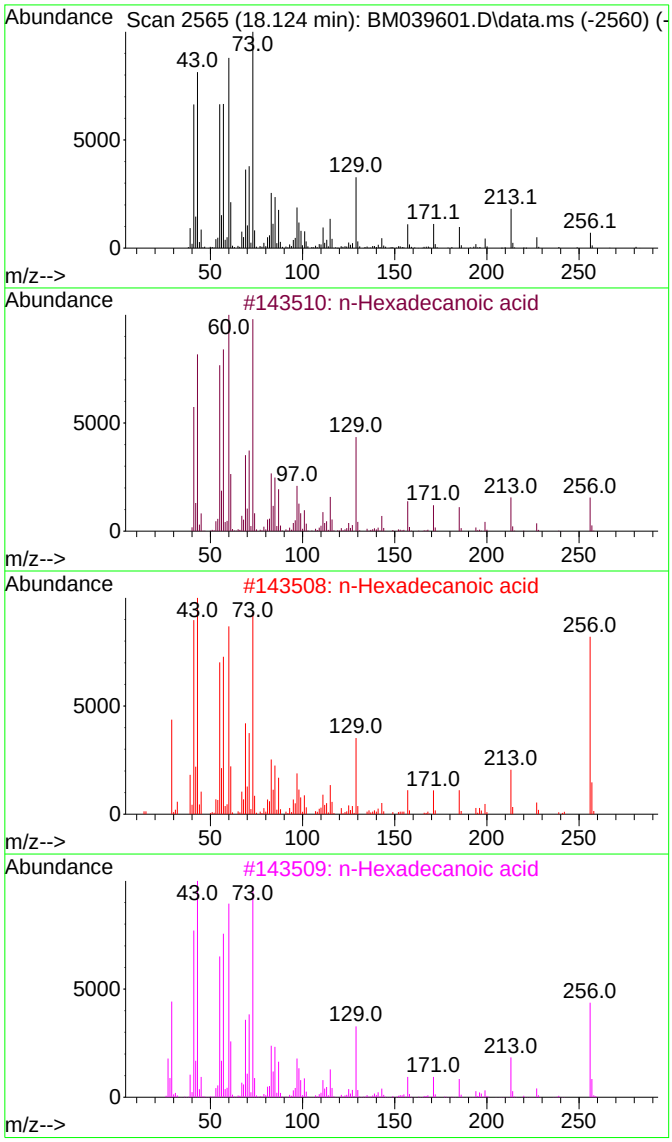
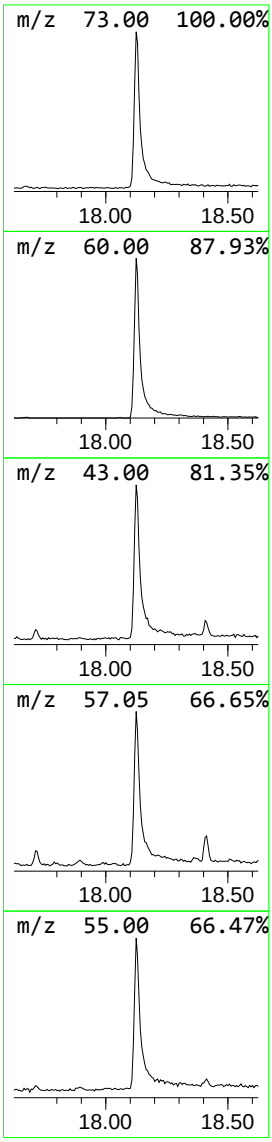
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.124	7.49 ng/ul	1017480	Phenanthrene-d10	17.224

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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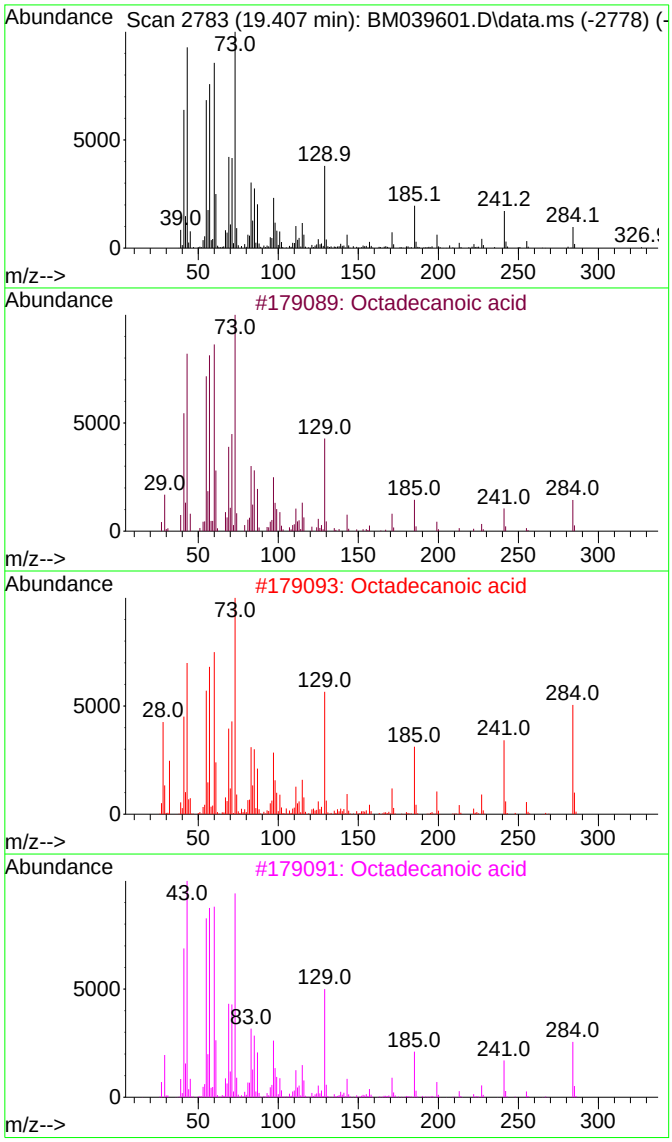
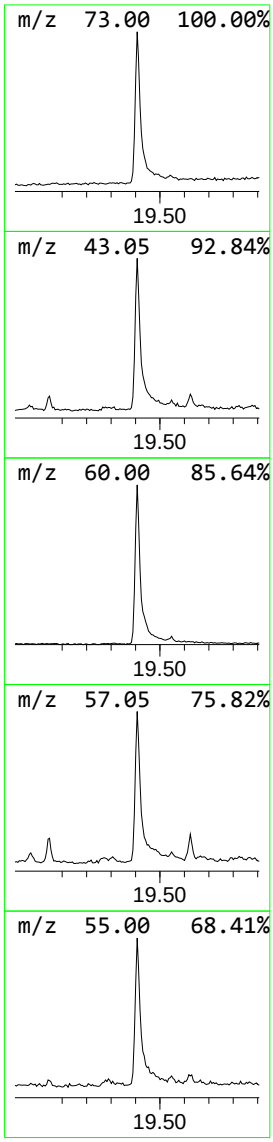
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.407	8.89 ng/ul	1033160	Chrysene-d12	21.418

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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 ...	18.124	7.5	ng/ul	1017480	4	17.224	2715450	20.0
Octadecanoic acid	19.407	8.9	ng/ul	1033160	5	21.418	2324480	20.0