LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062017\
Data File : BM010614.D
Acq On : 21 Jun 2017 05:42
Operator : SJ/MA
Sample : I3790-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B88

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.651	632	640	647	rBB	62888	97778	3.18%	0.374%
2	6.816	662	668	675	rBV	236946	338699	11.03%	1.294%
3	7.004	694	700	708	rBB	253876	396365	12.91%	1.515%
4	7.463	772	778	786	rBV	310277	478953	15.60%	1.830%
5	8.169	892	898	905	rBB	192207	294654	9.60%	1.126%
6	8.610	965	973	980	rBV	329967	525289	17.11%	2.008%
7	9.322	1087	1094	1101	rBV	312941	493765	16.08%	1.887%
8	9.851	1178	1184	1192	rBV	453590	713534	23.24%	2.727%
9	10.227	1241	1248	1255	rBV	449302	723535	23.56%	2.765%
10	13.539	1805	1811	1818	rBV	1145716	1514210	49.31%	5.787%
11	13.804	1849	1856	1864	rBV	1078882	1514036	49.30%	5.786%
12	14.115	1903	1909	1916	rBV2	745499	1100439	35.83%	4.206%
13	14.321	1939	1944	1952	rVB	108996	145765	4.75%	0.557%
14	15.115	2073	2079	2086	rBV	1473589	2076732	67.63%	7.937%
15	15.239	2095	2100	2109	rVB	591478	771971	25.14%	2.950%
16	16.868	2371	2377	2384	rBV	1056574	1501281	48.89%	5.737%
17	16.968	2388	2394	2401	rBV	1819261	2522684	82.15%	9.641%
18	17.798	2529	2535	2543	rBV	268381	353565	11.51%	1.351%
19	19.097	2750	2756	2764	rBV	377876	523531	17.05%	2.001%
20	19.162	2764	2767	2772	rVB2	19956	32267	1.05%	0.123%
21	19.280	2781	2787	2793	rBV	2277898	2962634	96.47%	11.322%
22	21.086	3088	3094	3099	rBV	1600559	1976271	64.36%	7.553%
23	22.621	3351	3355	3360	rVB4	32495	44969	1.46%	0.172%
24	23.097	3428	3436	3442	rBV2	1735015	3070887	100.00%	11.736%
25	23.156	3443	3446	3451	rVB2	55475	76418	2.49%	0.292%
26	23.227	3451	3458	3468	rBV	965069	1711880	55.75%	6.542%
27	23.762	3545	3549	3556	rVB6	50435	89738	2.92%	0.343%
28	24.462	3665	3668	3677	rVB8	59853	114454	3.73%	0.437%

Sum of corrected areas: 26166304

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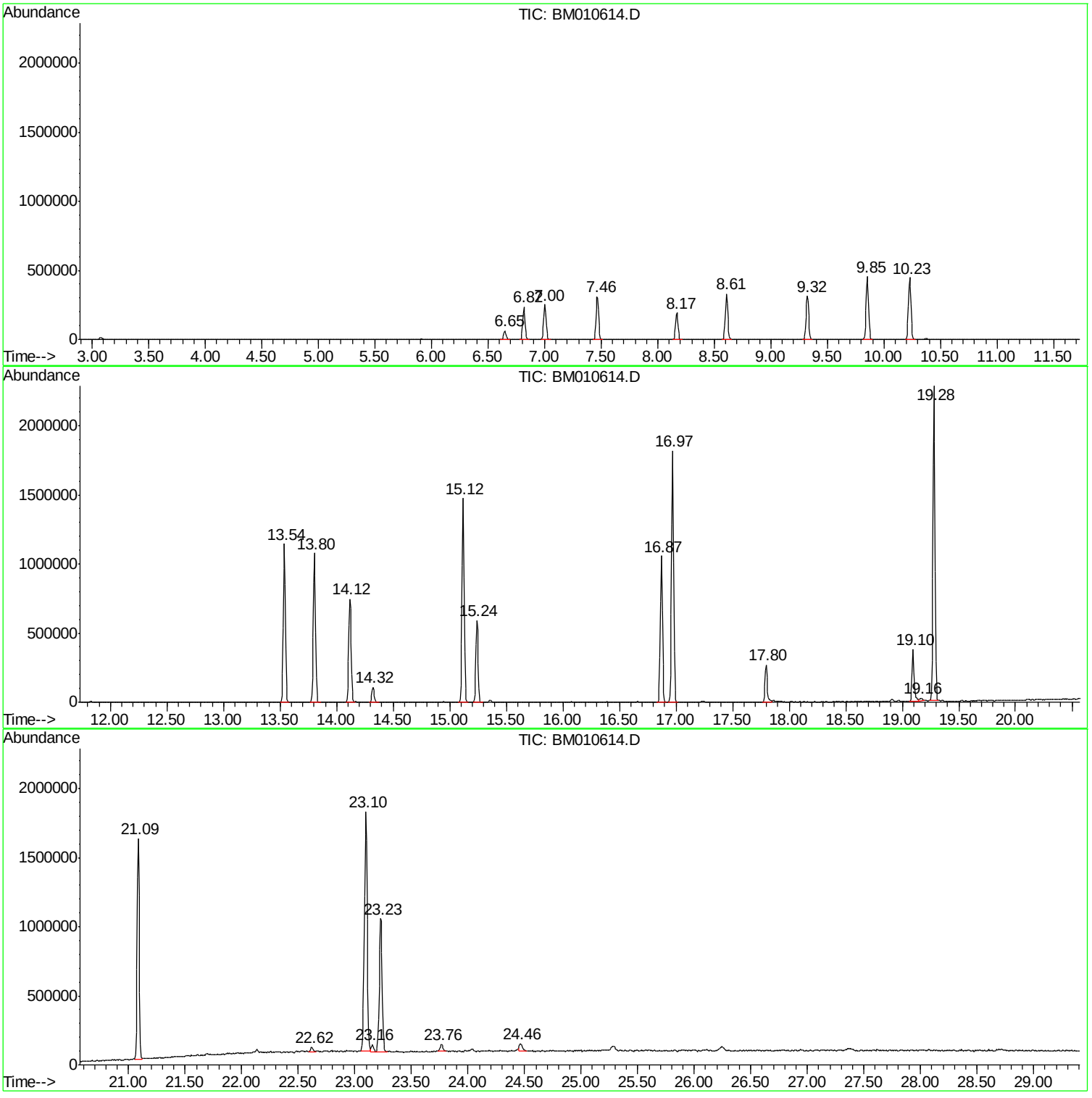
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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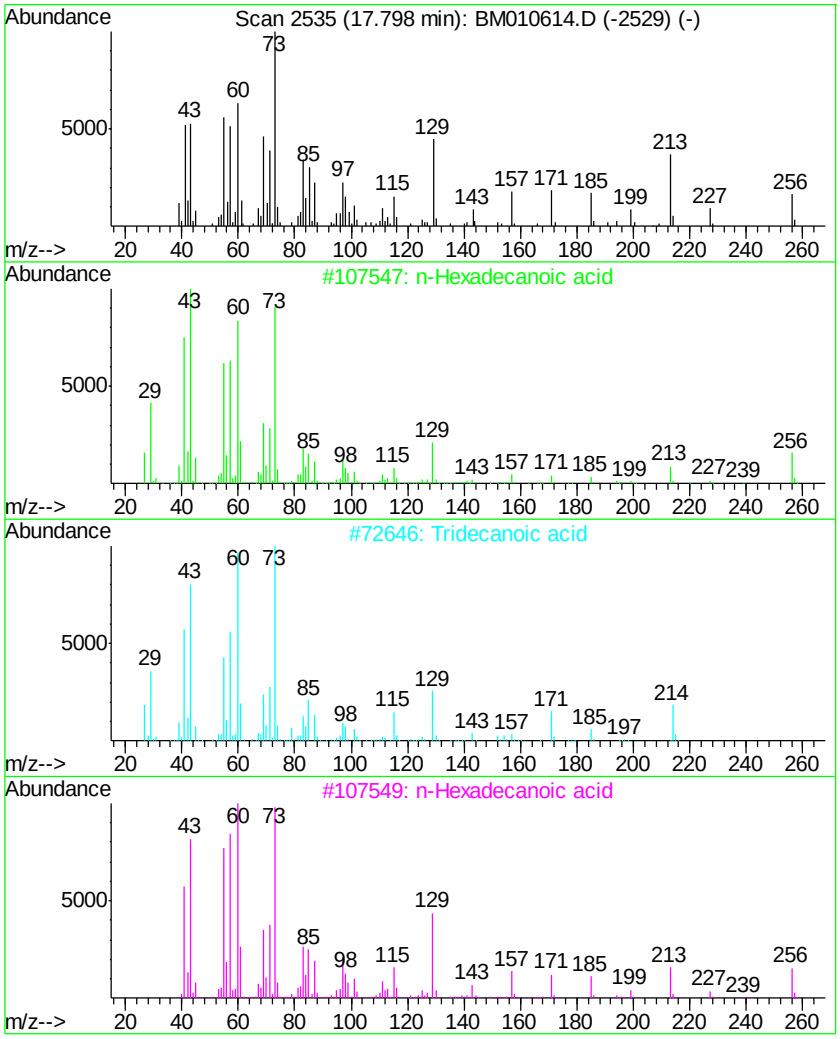
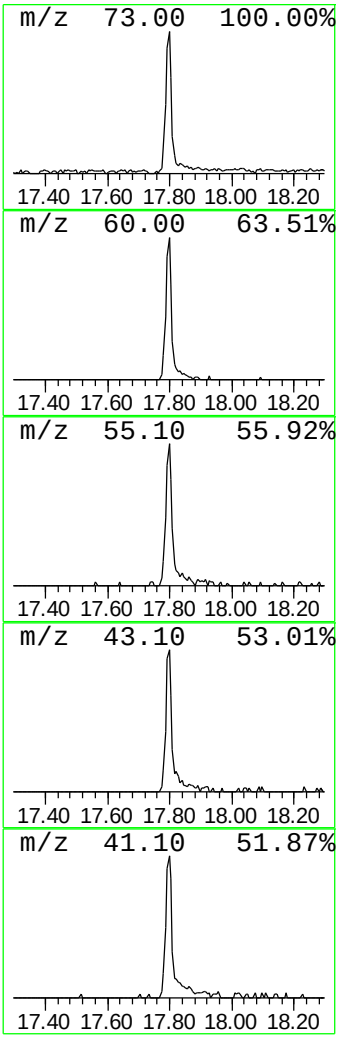
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	4.71 ng/ul	353565	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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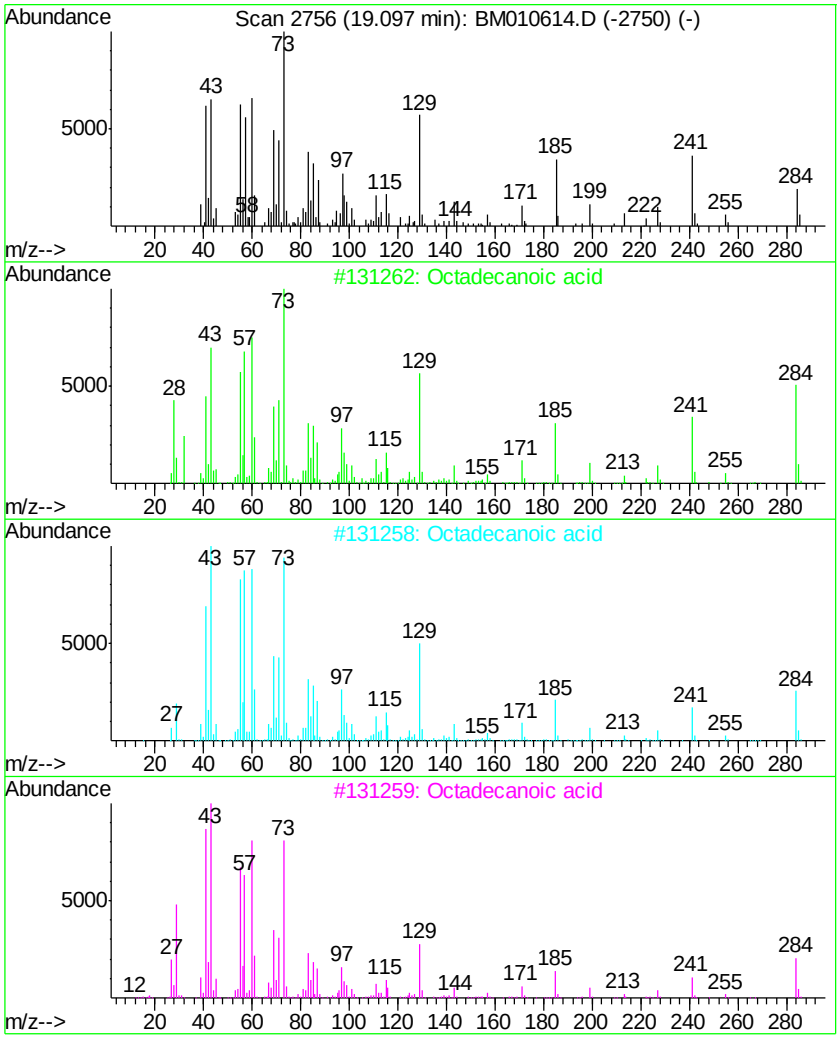
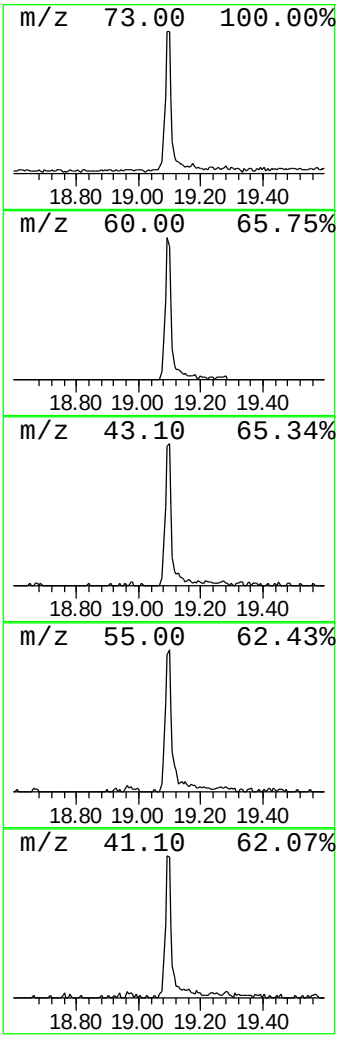
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	5.30 ng/ul	523531	Chrysene-d12	21.09

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.80	4.7	ng/ul	353565	4	16.87	1501280	20.0
Octadecanoic acid	19.10	5.3	ng/ul	523531	5	21.09	1976270	20.0