LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008913.D
Acq On : 30 Jan 2017 15:54
Operator : SJ/MA
Sample : I1506-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9RA5

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\SOM02.2-EPA-BM013017.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	3.346	125	129	132	rBV2	60036	80783	4.66%	0.461%
2	3.375	132	134	138	rVV3	23492	26736	1.54%	0.153%
3	7.069	756	762	772	rBV4	76908	150510	8.67%	0.859%
4	7.251	787	793	799	rBV	234715	375675	21.65%	2.143%
5	7.445	820	826	833	rBV2	303307	482262	27.80%	2.751%
6	7.922	900	907	913	rVB	304174	485373	27.98%	2.769%
7	8.610	1018	1024	1032	rVB2	184651	285589	16.46%	1.629%
8	9.087	1094	1105	1112	rBV	399417	666759	38.43%	3.804%
9	9.804	1219	1227	1239	rBV	361760	600025	34.58%	3.423%
10	10.333	1309	1317	1325	rBV2	416141	692588	39.92%	3.951%
11	10.722	1374	1383	1391	rBV2	330131	573155	33.03%	3.270%
12	11.533	1514	1521	1527	rVB3	22465	39067	2.25%	0.223%
13	13.963	1926	1934	1939	rBV	776184	1054675	60.79%	6.017%
14	14.010	1939	1942	1948	rVB	24275	32176	1.85%	0.184%
15	14.251	1977	1983	1991	rVB	674785	986097	56.84%	5.626%
16	14.557	2029	2035	2042	rVB	485375	692246	39.90%	3.949%
17	14.739	2059	2066	2072	rBV3	77430	124036	7.15%	0.708%
18	15.345	2164	2169	2171	rBV3	13575	19019	1.10%	0.109%
19	15.380	2173	2175	2180	rVB3	15354	17760	1.02%	0.101%
20	15.551	2197	2204	2209	rBV	926506	1327667	76.52%	7.575%
21	15.663	2217	2223	2231	rBV	463478	630047	36.31%	3.595%
22	15.786	2238	2244	2248	rBV5	12132	21283	1.23%	0.121%
23	16.251	2317	2323	2326	rBV2	17425	28907	1.67%	0.165%
24	16.686	2393	2397	2402	rVB5	11154	20156	1.16%	0.115%
25	17.039	2453	2457	2462	rVB3	16374	24027	1.38%	0.137%
26	17.304	2495	2502	2509	rBV	629096	867537	50.00%	4.950%
27	17.404	2513	2519	2525	rVB2	1058361	1440954	83.05%	8.221%
28	18.174	2644	2650	2658	rBV2	107353	154431	8.90%	0.881%
29	18.521	2705	2709	2713	rBV5	17286	23676	1.36%	0.135%
30	19.321	2843	2845	2850	rVB3	19347	23445	1.35%	0.134%
31	19.451	2862	2867	2873	rBV3	134841	186603	10.76%	1.065%
32	19.692	2902	2908	2914	rBV	1306660	1735016	100.00%	9.899%
33	21.162	3155	3158	3160	rBV3	48969	53612	3.09%	0.306%
34	21.474	3206	3211	3216	rBV	842964	1051174	60.59%	5.997%

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Title : SVOA CALIBRATION

35	23.680	3579	3586	3593	rBV2	820307	1597932	92.10%	9.117%
36	23.833	3605	3612	3622	rVB	488188	956503	55.13%	5.457%

Sum of corrected areas: 17527501

LSC Report - Integrated Chromatogram

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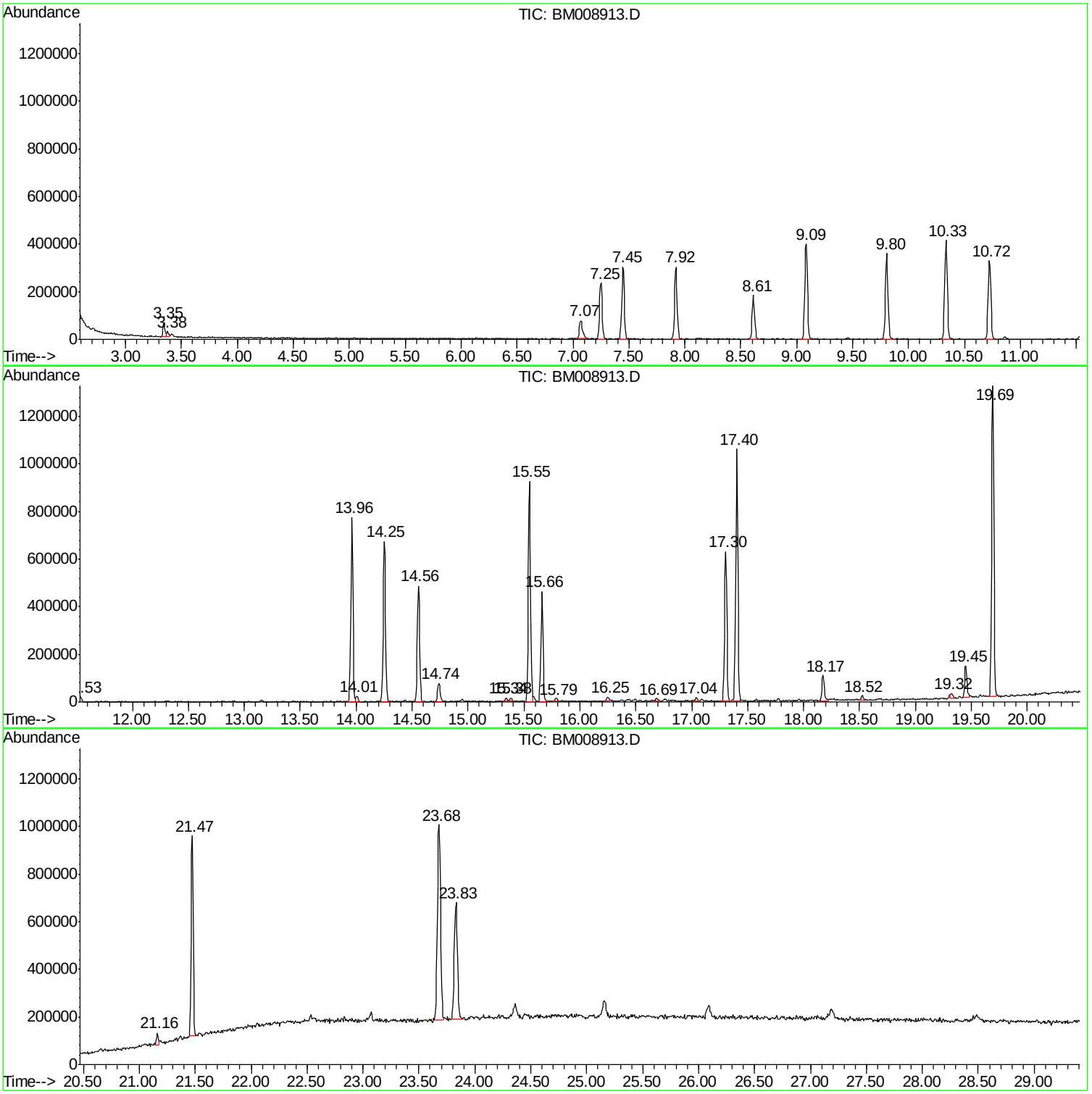
Operator : SJ/MA
Sample : I1506-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9RA5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008913.D
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Sample : I1506-01
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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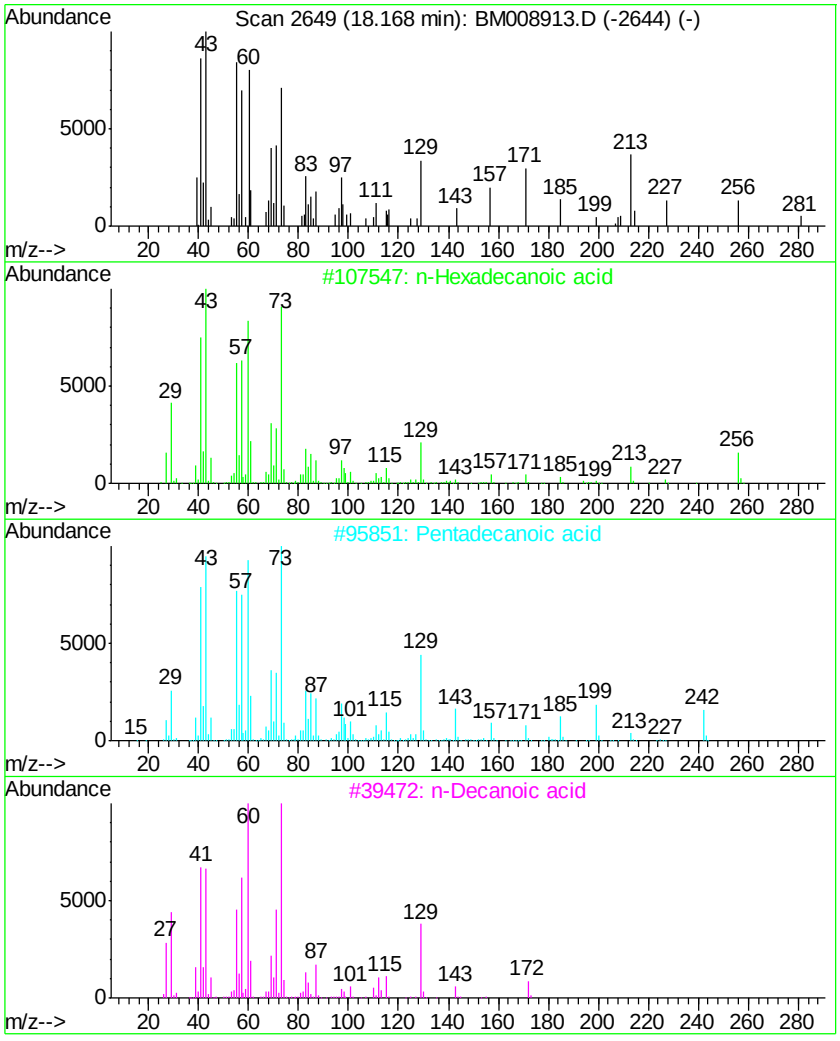
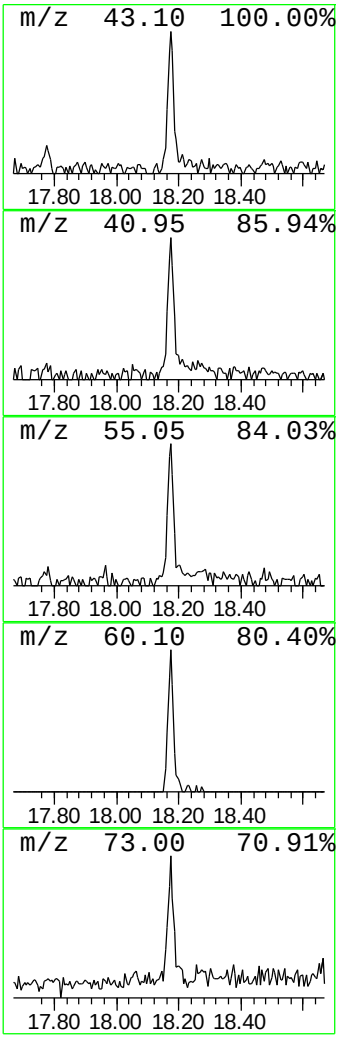
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.56 ng/ul	154431	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008913.D
Acq On : 30 Jan 2017 15:54
Operator : SJ/MA
Sample : I1506-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9RA5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

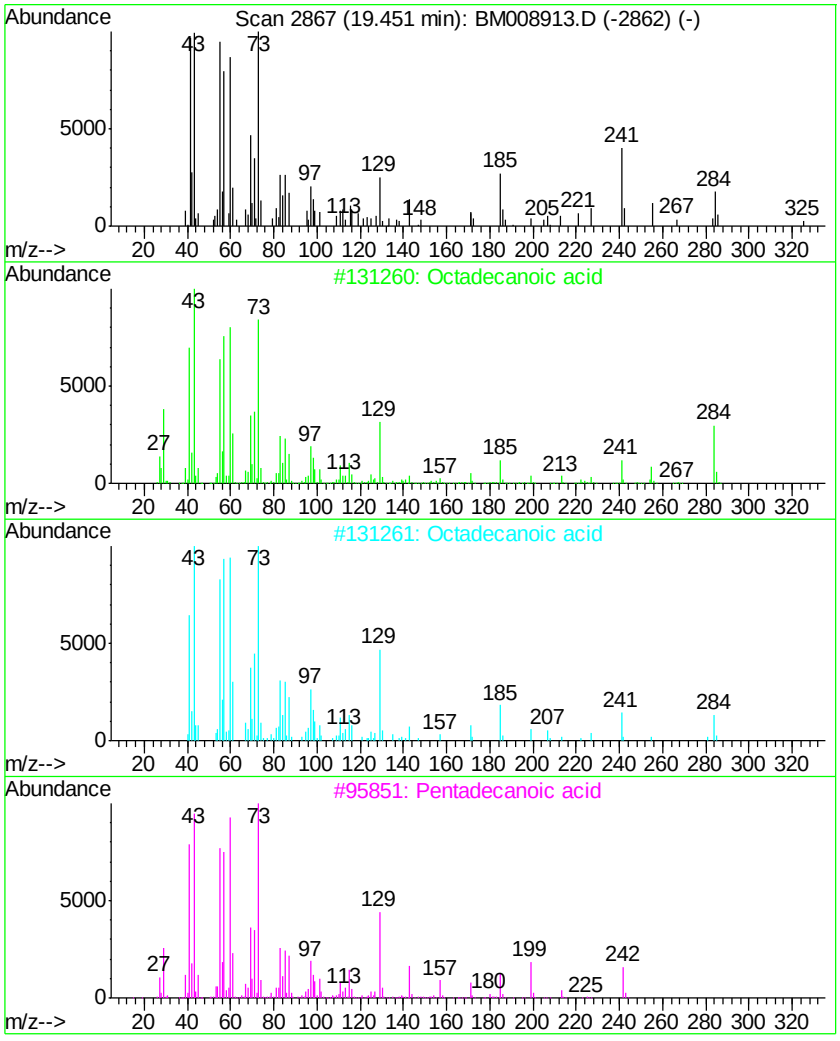
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

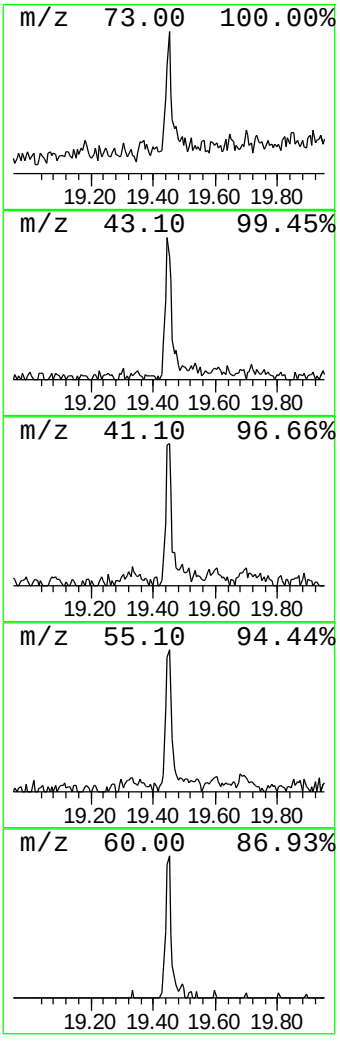
****

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	3.55 ng/ul	186603	Chrysene-d12	21.47

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9RA5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.17	3.6	ng/ul	154431	4	17.30	867537	20.0
Octadecanoic acid	19.45	3.5	ng/ul	186603	5	21.47	1051170	20.0