LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013050.D
Acq On : 20 Nov 2017 17:01
Operator : SJ/JU
Sample : I6496-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B95

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-BM111617.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	3.252	24	28	34	rVB	59722	75727	1.38%	0.139%
2	6.887	639	646	653	rVB	263917	416974	7.61%	0.764%
3	7.057	667	675	684	rBV	830484	1259458	22.98%	2.306%
4	7.251	700	708	715	rBV	936909	1451142	26.48%	2.657%
5	7.716	778	787	794	rBV	823383	1285537	23.46%	2.354%
6	7.781	794	798	805	rVB2	58271	92693	1.69%	0.170%
7	8.422	900	907	916	rBV	727778	1189384	21.70%	2.178%
8	8.869	975	983	991	rBV	1146252	1841358	33.60%	3.372%
9	9.587	1097	1105	1112	rBV	945435	1536787	28.04%	2.814%
10	10.122	1187	1196	1206	rBV	1351391	2242038	40.91%	4.106%
11	10.498	1252	1260	1268	rBV	1145788	1882576	34.35%	3.448%
12	13.769	1809	1816	1824	rBV	2699594	3779210	68.96%	6.921%
13	14.045	1856	1863	1873	rBV	2956529	4443520	81.08%	8.137%
14	14.357	1908	1916	1924	rBV2	1660678	2558653	46.69%	4.686%
15	14.557	1944	1950	1958	rBV	241315	356978	6.51%	0.654%
16	15.351	2078	2085	2092	rBV	3695660	5233930	95.50%	9.585%
17	15.469	2099	2105	2117	rBV	1042499	1419120	25.89%	2.599%
18	15.592	2121	2126	2130	rVB3	41638	59695	1.09%	0.109%
19	17.104	2376	2383	2390	rBV	2107589	2935854	53.57%	5.376%
20	17.204	2393	2400	2408	rBV	3852497	5480604	100.00%	10.037%
21	18.010	2532	2537	2546	rBV	353556	495571	9.04%	0.908%
22	19.292	2751	2755	2762	rBV	341455	470390	8.58%	0.861%
23	19.380	2767	2770	2777	rVB	33074	56706	1.03%	0.104%
24	19.498	2784	2790	2796	rVB	4086705	5410604	98.72%	9.908%
25	21.286	3089	3094	3101	rBV	2075802	2574184	46.97%	4.714%
26	23.380	3443	3450	3457	rBV2	2129217	3950618	72.08%	7.235%
27	23.521	3467	3474	3481	rBV	1125497	2106845	38.44%	3.858%

Sum of corrected areas: 54606156

LSC Report - Integrated Chromatogram

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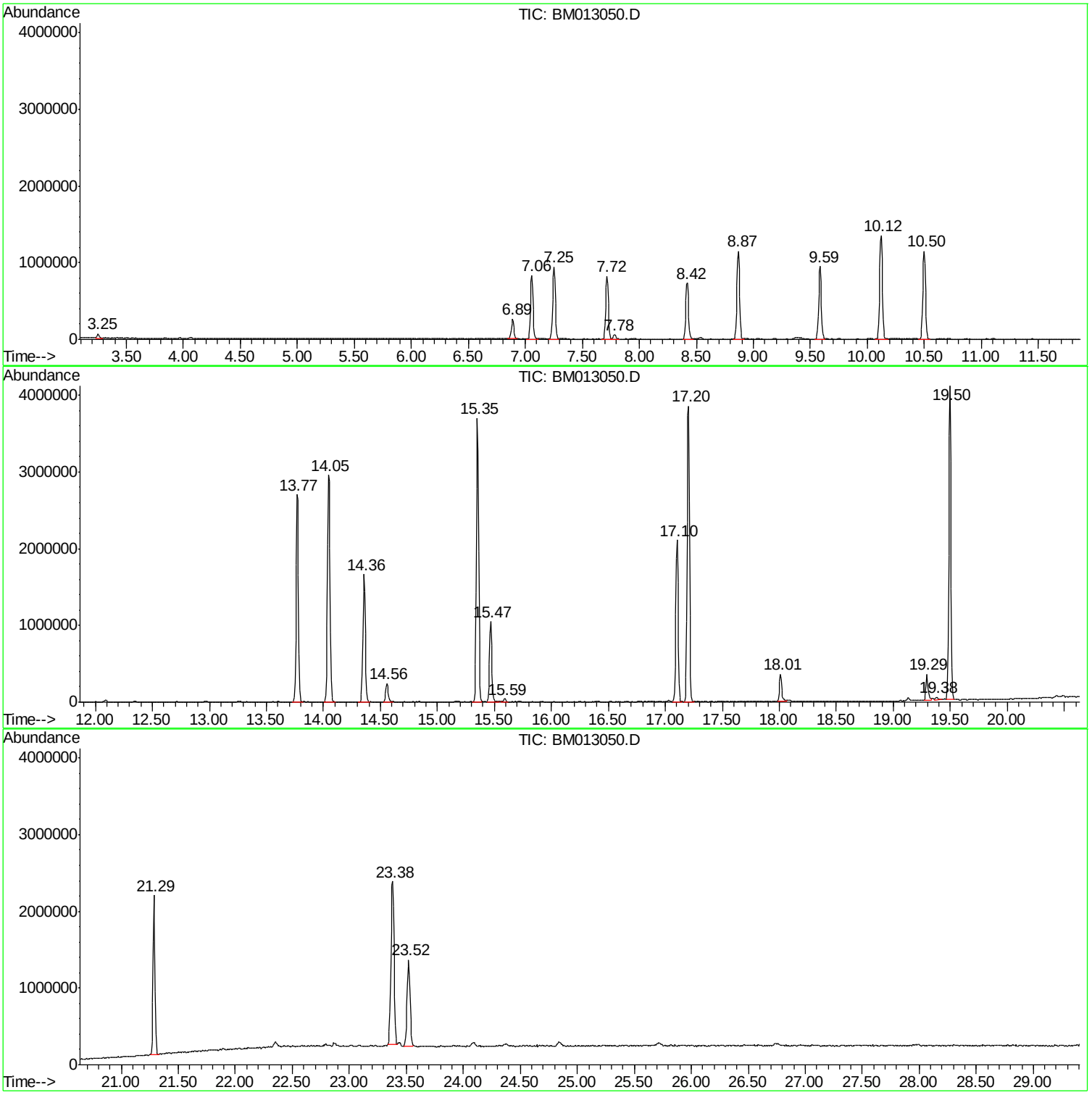
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : SJ/JU
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Instrument : BNA_M
ClientSampleId : C0B95

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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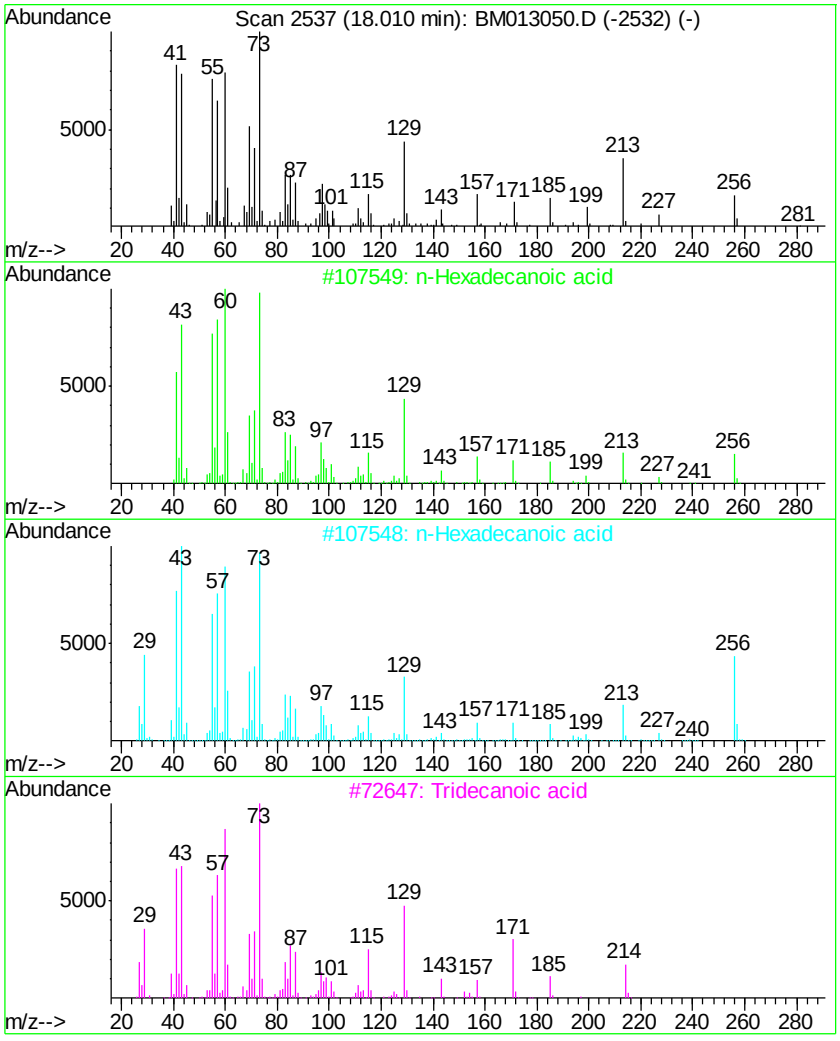
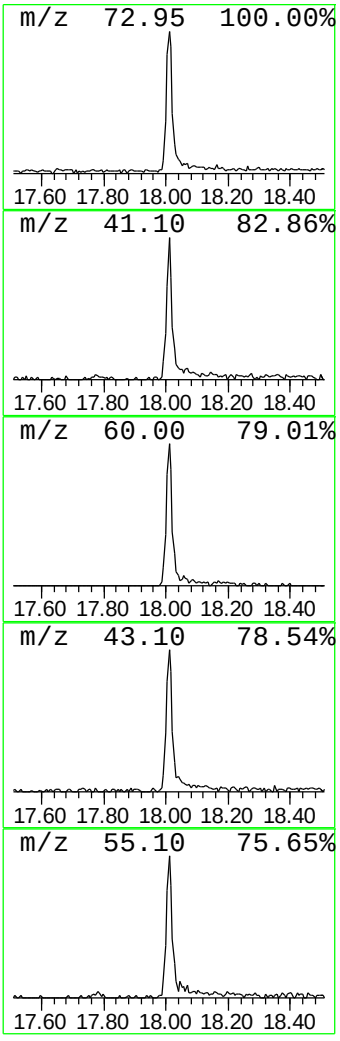
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.38 ng/ul	495571	Phenanthrene-d10	17.10

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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Instrument : BNA_M
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TIC Library : C:\DATABASE\NIST11.L
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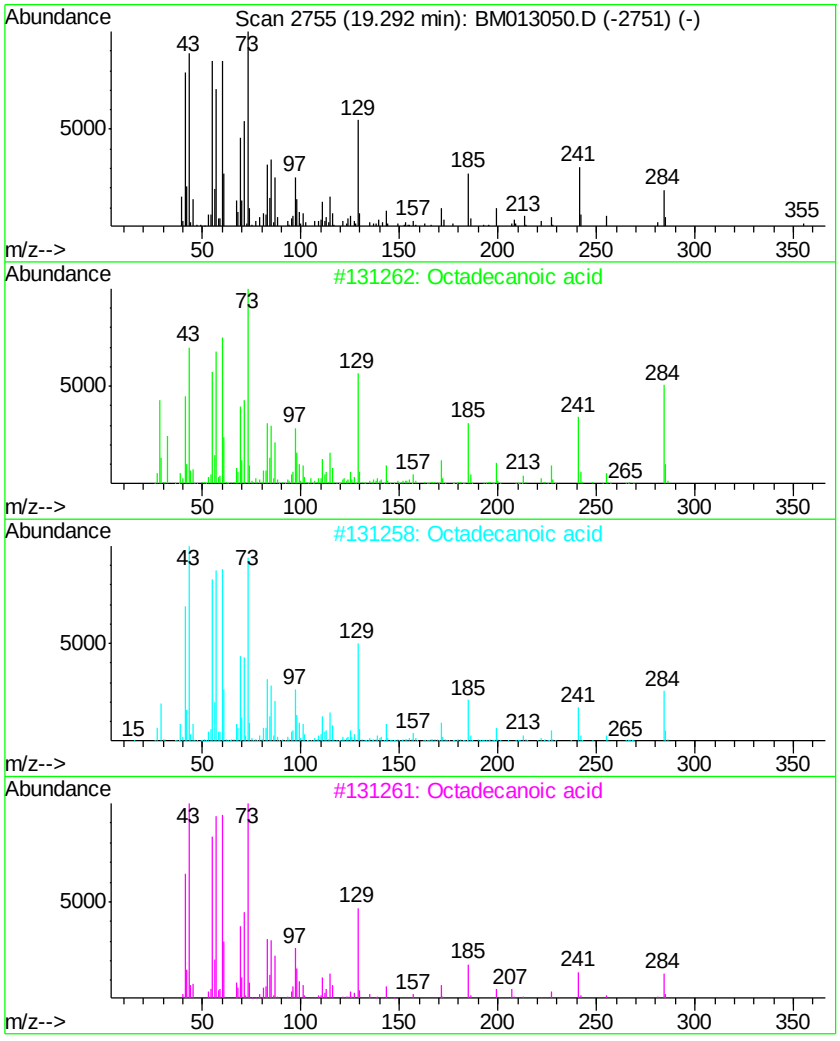
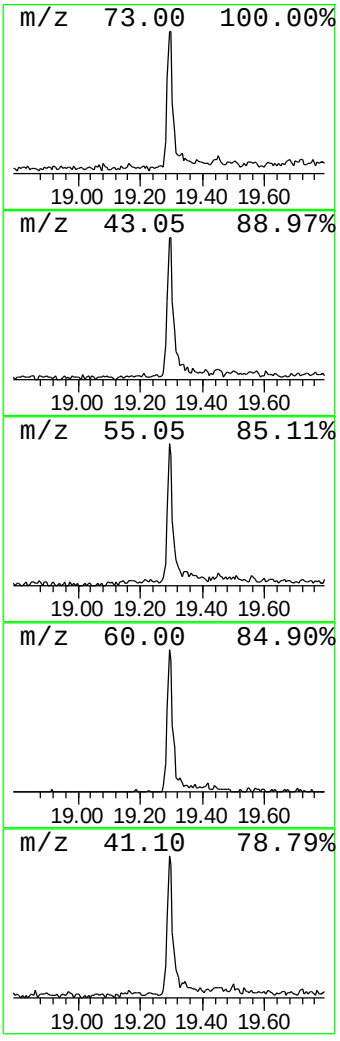
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.65 ng/ul	470390	Chrysene-d12	21.29

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Tentatively Identified Compound (LSC) summary

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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	18.01	3.4	ng/ul	495571	4	17.10	2935850	20.0
Octadecanoic acid	19.29	3.6	ng/ul	470390	5	21.29	2574180	20.0