LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014552.D
Acq On : 13 Mar 2018 20:39
Operator : SJ/JU
Sample : J1835-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F49

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-BM021418.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	6.693	641	647	661	rBV	370241	804641	39.06%	3.116%
2	6.828	664	670	677	rBV	290816	464379	22.54%	1.798%
3	7.016	696	702	715	rBV	476148	815999	39.61%	3.160%
4	7.469	774	779	789	rBV	487823	830405	40.31%	3.215%
5	8.210	899	905	919	rBV2	429978	882062	42.81%	3.415%
6	8.639	971	978	987	rBV	453828	821026	39.85%	3.179%
7	9.351	1092	1099	1113	rBV2	435474	845163	41.02%	3.272%
8	9.904	1185	1193	1208	rBV	426178	1119709	54.35%	4.335%
9	10.239	1243	1250	1258	rBV	662682	1159309	56.27%	4.489%
10	10.451	1278	1286	1293	rBV	19476	63473	3.08%	0.246%
11	12.163	1573	1577	1583	rVB9	21730	51123	2.48%	0.198%
12	12.645	1655	1659	1664	rVB8	40695	62375	3.03%	0.242%
13	13.563	1810	1815	1820	rBV	1038493	1445409	70.16%	5.597%
14	13.610	1820	1823	1828	rVB	192706	259706	12.61%	1.006%
15	13.827	1855	1860	1867	rBV	1107328	1612357	78.26%	6.243%
16	14.033	1893	1895	1898	rBV3	57358	67196	3.26%	0.260%
17	14.139	1908	1913	1919	rVB2	940494	1425882	69.21%	5.521%
18	14.445	1960	1965	1974	rBV3	267785	778197	37.77%	3.013%
19	15.145	2079	2084	2093	rBV	1368806	2046632	99.34%	7.924%
20	15.321	2111	2114	2123	rVB	328524	531524	25.80%	2.058%
21	16.910	2379	2384	2388	rVB	1237124	1682649	81.67%	6.515%
22	17.004	2396	2400	2406	rBV2	1463247	2060216	100.00%	7.977%
23	17.821	2536	2539	2544	rVB	1110659	1356336	65.83%	5.252%
24	19.115	2757	2759	2766	rVB2	714276	934632	45.37%	3.619%
25	19.321	2791	2794	2799	rVB	1567282	1969567	95.60%	7.626%
26	21.133	3099	3102	3109	rVB2	1209134	1736698	84.30%	6.724%

Sum of corrected areas: 25826665

LSC Report - Integrated Chromatogram

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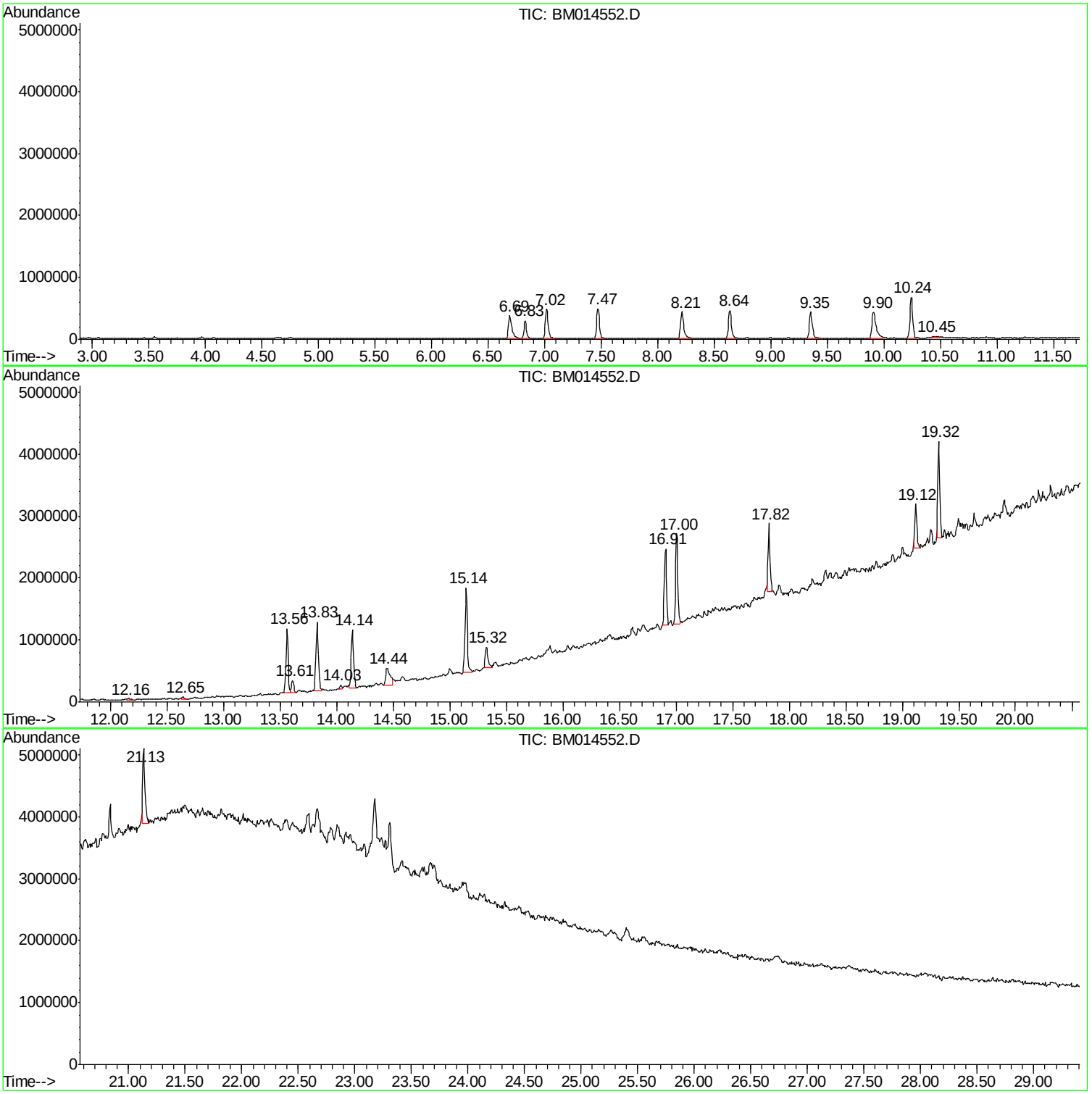
Instrument : BNA_M
ClientSampleId : F6F49

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014552.D
Acq On : 13 Mar 2018 20:39
Operator : SJ/JU
Sample : J1835-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F49

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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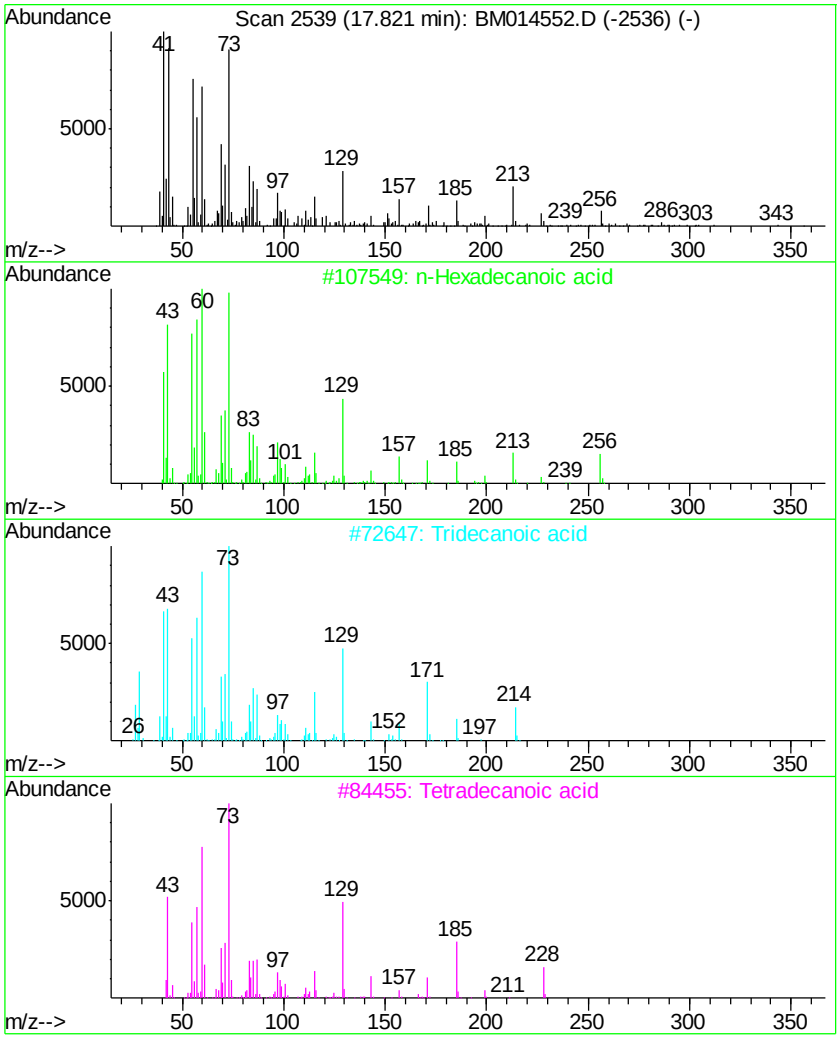
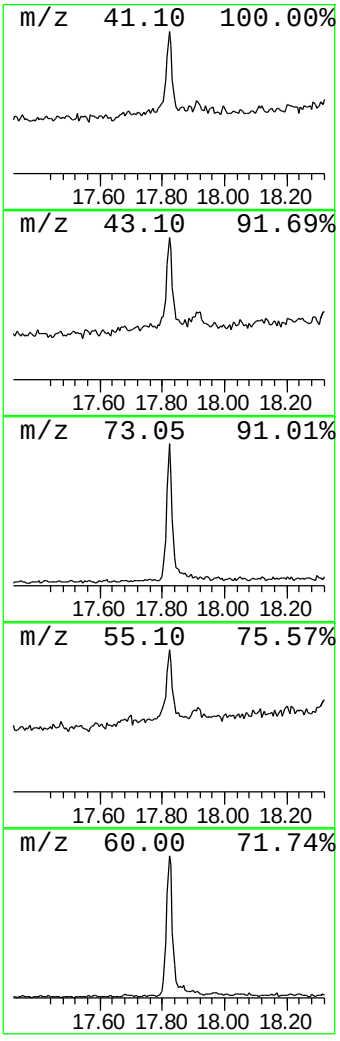
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	16.12 ng/ul	1356340	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F49

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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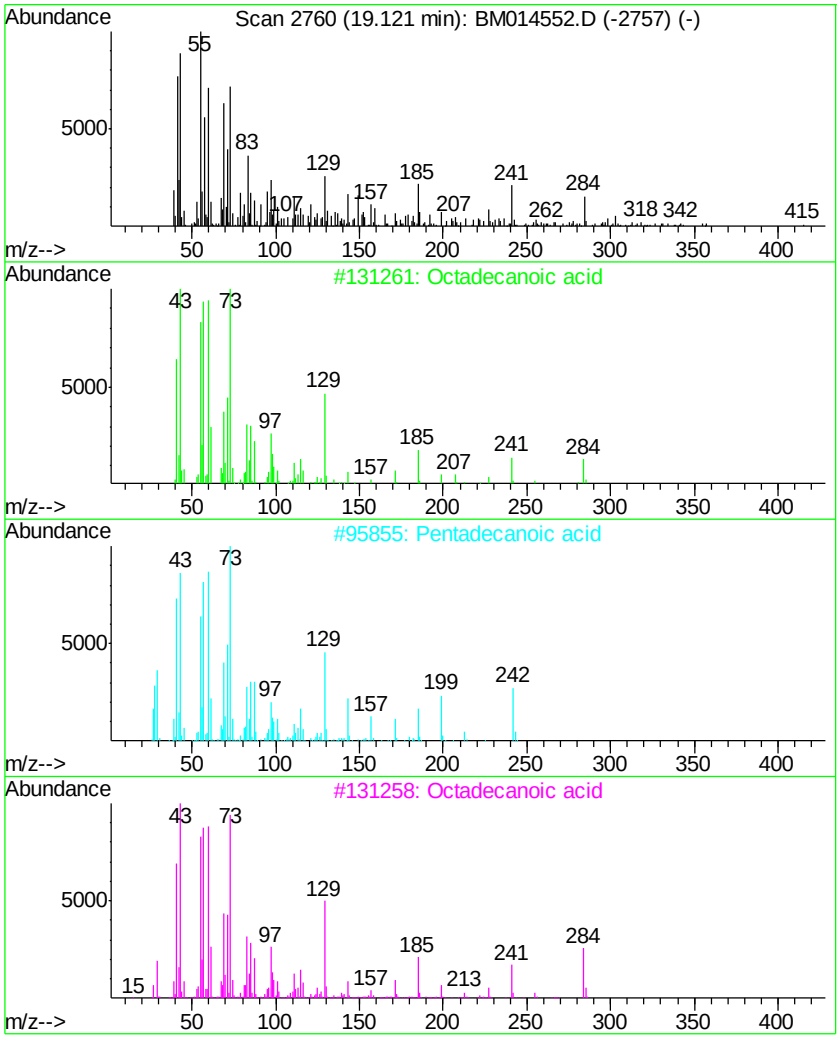
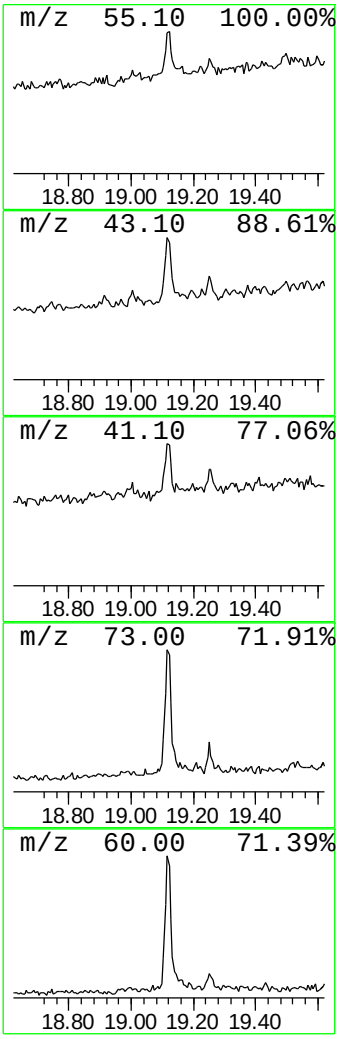
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	10.76 ng/ul	934632	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	78
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Octadecanoic acid	284	C18H36O2	000057-11-4	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	47





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F49

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	17.82	16.1	ng/ul	1356340	4	16.91	1682650	20.0
Octadecanoic acid	19.12	10.8	ng/ul	934632	5	21.13	1736700	20.0