LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014110.D
Acq On : 02 Feb 2018 13:11
Operator : SJ/JU
Sample : J1339-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D21

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-BM013118.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	3.122	19	23	26	rBV3	26776	31787	1.05%	0.099%
2	6.745	633	639	654	rBV	398081	747373	24.76%	2.330%
3	6.904	660	666	678	rBV	318861	535269	17.73%	1.669%
4	7.092	692	698	714	rBV	472342	793466	26.29%	2.474%
5	7.557	771	777	788	rVB	341657	594663	19.70%	1.854%
6	8.269	892	898	912	rBV2	503599	951031	31.50%	2.965%
7	8.710	967	973	989	rBV	466702	853153	28.26%	2.660%
8	9.098	1035	1039	1047	rVB4	21631	34092	1.13%	0.106%
9	9.428	1089	1095	1110	rBV	408515	761968	25.24%	2.376%
10	9.963	1179	1186	1203	rBV	540476	1074396	35.59%	3.350%
11	10.327	1241	1248	1257	rBV	502140	819318	27.14%	2.554%
12	10.480	1268	1274	1292	rBV	405221	914924	30.31%	2.853%
13	13.627	1803	1809	1815	rBV	1074203	1646113	54.53%	5.132%
14	13.674	1815	1817	1826	rVB2	129640	217048	7.19%	0.677%
15	13.898	1848	1855	1867	rBV	1320589	1941029	64.30%	6.052%
16	14.115	1886	1892	1897	rBV2	42376	59480	1.97%	0.185%
17	14.210	1902	1908	1918	rVV3	747648	1128118	37.37%	3.517%
18	14.457	1944	1950	1966	rBV3	222401	591292	19.59%	1.844%
19	14.857	2015	2018	2027	rVB7	49267	78999	2.62%	0.246%
20	15.074	2049	2055	2059	rBV	60340	71989	2.38%	0.224%
21	15.210	2072	2078	2090	rBV	1609858	2355381	78.03%	7.344%
22	15.362	2098	2104	2116	rBV	331970	616877	20.44%	1.923%
23	15.939	2197	2202	2208	rBV2	49436	81300	2.69%	0.253%
24	16.621	2312	2318	2331	rBV	695735	1164295	38.57%	3.630%
25	16.733	2333	2337	2342	rVV5	24677	32663	1.08%	0.102%
26	16.968	2370	2377	2387	rBV	991773	1388246	45.99%	4.328%
27	17.068	2387	2394	2409	rVV	1757364	2610247	86.47%	8.138%
28	17.874	2524	2531	2541	rBV2	130393	244155	8.09%	0.761%
29	19.015	2719	2725	2728	rBV3	28117	40774	1.35%	0.127%
30	19.162	2745	2750	2761	rBV4	103295	195575	6.48%	0.610%
31	19.262	2763	2767	2772	rVB4	24057	40258	1.33%	0.126%
32	19.368	2779	2785	2793	rBV	2109798	2980020	98.72%	9.291%
33	19.427	2793	2795	2803	rVB5	24800	37995	1.26%	0.118%
34	20.892	3040	3044	3054	rBV8	82610	165282	5.48%	0.515%

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35	21.174	3087	3092	3100	rBV	1227172	1689772	55.98%	5.268%
36	23.215	3432	3439	3448	rBV2	1650504	3018702	100.00%	9.412%
37	23.350	3456	3462	3473	rVB	792427	1566877	51.91%	4.885%

Sum of corrected areas: 32073927

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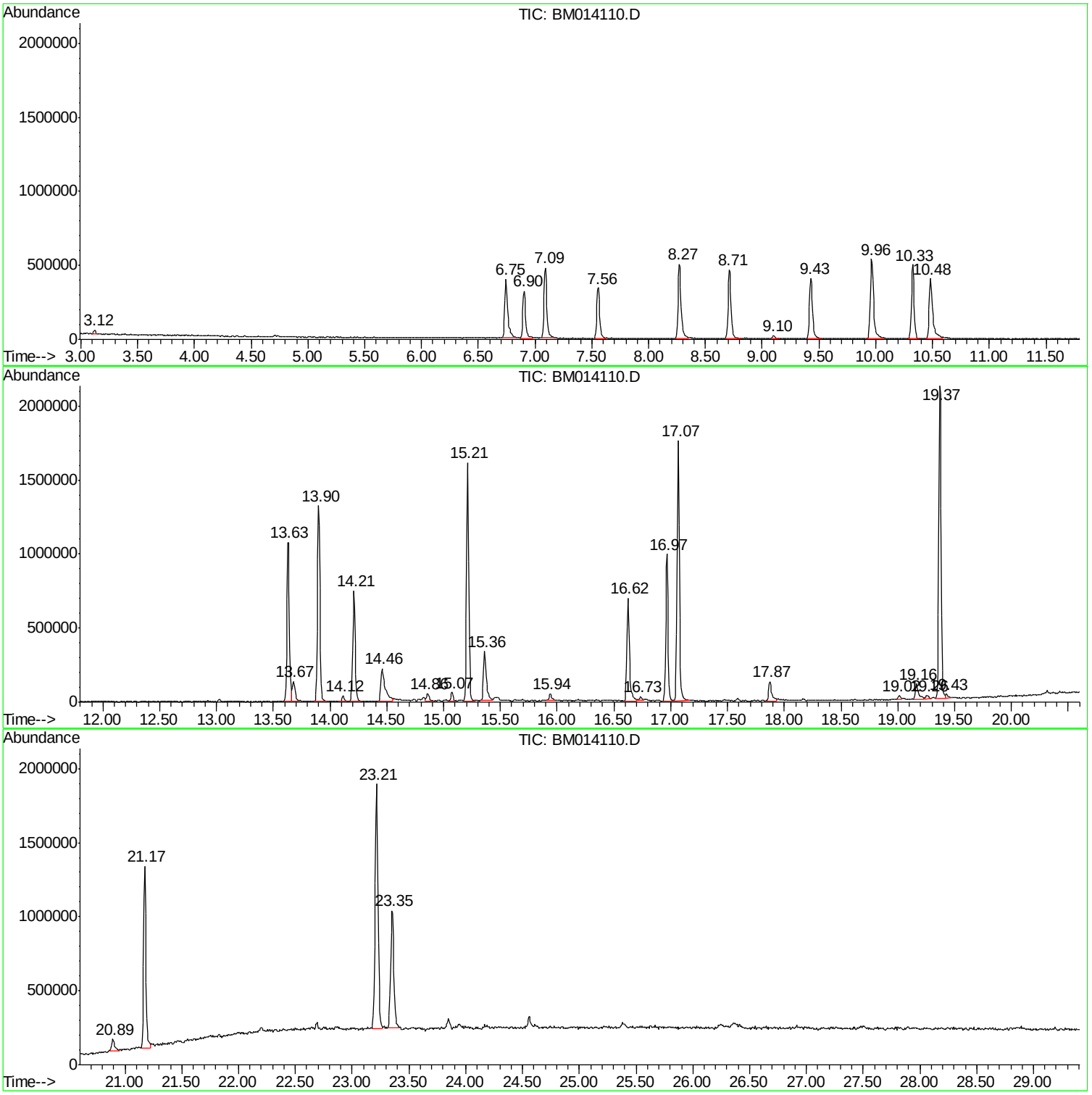
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Acq On : 02 Feb 2018 13:11
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Instrument : BNA_M
ClientSampleId : F6D21

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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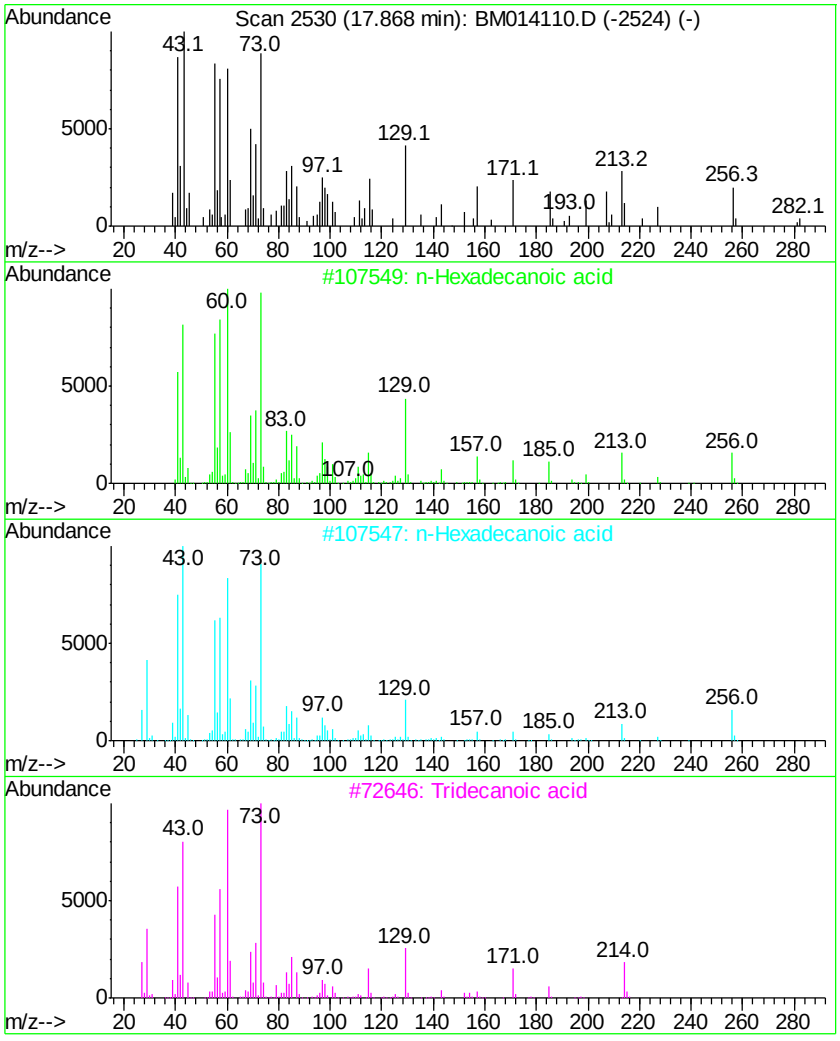
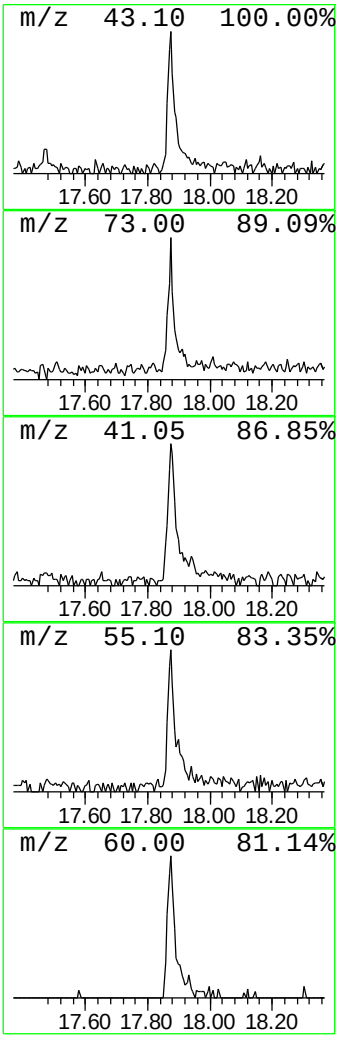
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.52 ng/ul	244155	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





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Instrument : BNA_M
ClientSampleId : F6D21

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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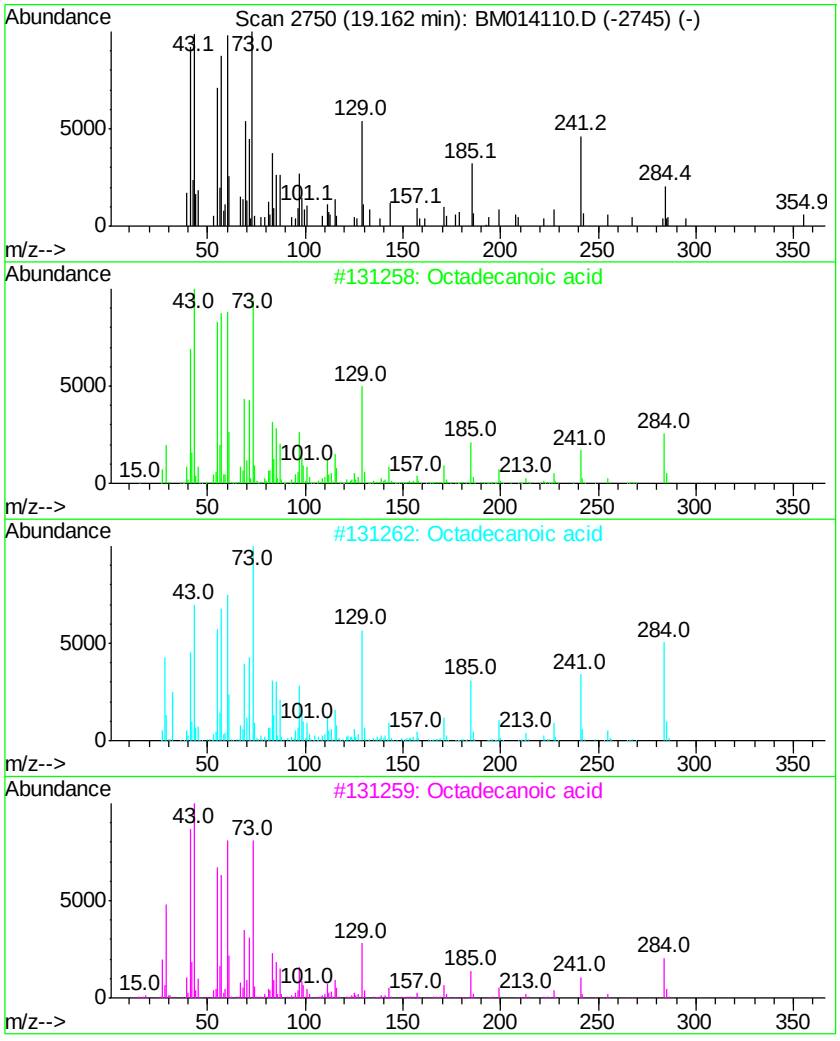
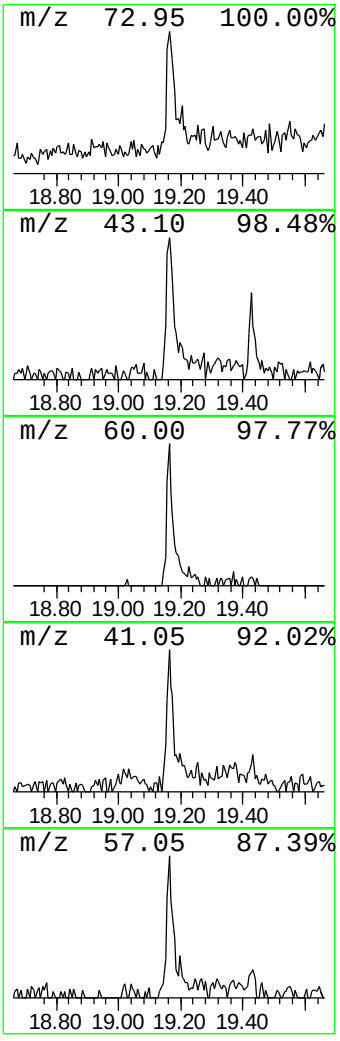
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.31 ng/ul	195575	Chrysene-d12	21.17

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	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : F6D21

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.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	17.87	3.5	ng/ul	244155	4	16.97	1388250	20.0
Octadecanoic acid	19.16	2.3	ng/ul	195575	5	21.17	1689770	20.0