LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013715.D
Acq On : 23 Jan 2018 03:45
Operator : SJ/JU
Sample : J1220-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A16

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-BM011018.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	3.157	26	29	34	rVB2	50000	55999	1.08%	0.107%
2	6.793	640	647	658	rBV2	934267	1650771	31.76%	3.165%
3	6.951	668	674	685	rVB	692328	1065530	20.50%	2.043%
4	7.145	699	707	717	rBV	978776	1566551	30.14%	3.004%
5	7.228	717	721	728	rVV	39496	73940	1.42%	0.142%
6	7.610	776	786	795	rBV	662421	1034921	19.91%	1.984%
7	8.316	900	906	918	rBV	1130571	1888365	36.33%	3.621%
8	8.716	967	974	976	rBV	56461	93850	1.81%	0.180%
9	8.763	976	982	991	rVB	988814	1575182	30.30%	3.020%
10	9.481	1096	1104	1112	rBV	833776	1368010	26.32%	2.623%
11	10.016	1186	1195	1212	rBV	1099039	1979465	38.08%	3.795%
12	10.386	1251	1258	1265	rBV	811900	1364170	26.24%	2.616%
13	10.533	1276	1283	1295	rBV	975784	1771001	34.07%	3.396%
14	11.345	1415	1421	1429	rBV3	20138	60833	1.17%	0.117%
15	13.680	1811	1818	1822	rBV	1917943	2682513	51.60%	5.143%
16	13.721	1822	1825	1833	rVB	546544	767189	14.76%	1.471%
17	13.951	1856	1864	1874	rVB	2343472	3321360	63.89%	6.368%
18	14.163	1894	1900	1906	rBV3	43761	63509	1.22%	0.122%
19	14.263	1909	1917	1925	rBV2	1052809	1658065	31.90%	3.179%
20	14.486	1945	1955	1971	rBV	651952	1206525	23.21%	2.313%
21	15.121	2059	2063	2067	rBV	67534	80857	1.56%	0.155%
22	15.257	2080	2086	2094	rBV	2601187	3808124	73.26%	7.301%
23	15.398	2104	2110	2121	rBV	787021	1153376	22.19%	2.211%
24	15.504	2121	2128	2131	rBV3	38717	63326	1.22%	0.121%
25	15.986	2206	2210	2213	rBV4	50418	77975	1.50%	0.150%
26	17.015	2378	2385	2395	rBV	1399601	1967806	37.85%	3.773%
27	17.110	2395	2401	2411	rVV	2753175	4064182	78.18%	7.792%
28	17.921	2533	2539	2549	rBV2	262343	446018	8.58%	0.855%
29	19.056	2727	2732	2734	rBV2	53420	71095	1.37%	0.136%
30	19.209	2753	2758	2767	rBV3	188742	322619	6.21%	0.619%
31	19.415	2787	2793	2800	rBV	3480884	4599813	88.48%	8.819%
32	19.474	2800	2803	2809	rVB6	42191	55376	1.07%	0.106%
33	20.015	2891	2895	2898	rBV6	39875	53859	1.04%	0.103%
34	20.339	2946	2950	2951	rBV4	86088	90685	1.74%	0.174%

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Title : SVOA CALIBRATION

35	20.933	3047	3051	3057	rVB9	70775	102257	1.97%	0.196%
36	21.215	3093	3099	3104	rBV	1822042	2429658	46.74%	4.658%
37	23.274	3442	3449	3460	rBV	2752961	5198413	100.00%	9.967%
38	23.409	3466	3472	3484	rVB	1236925	2323437	44.70%	4.455%

Sum of corrected areas: 52156625

LSC Report - Integrated Chromatogram

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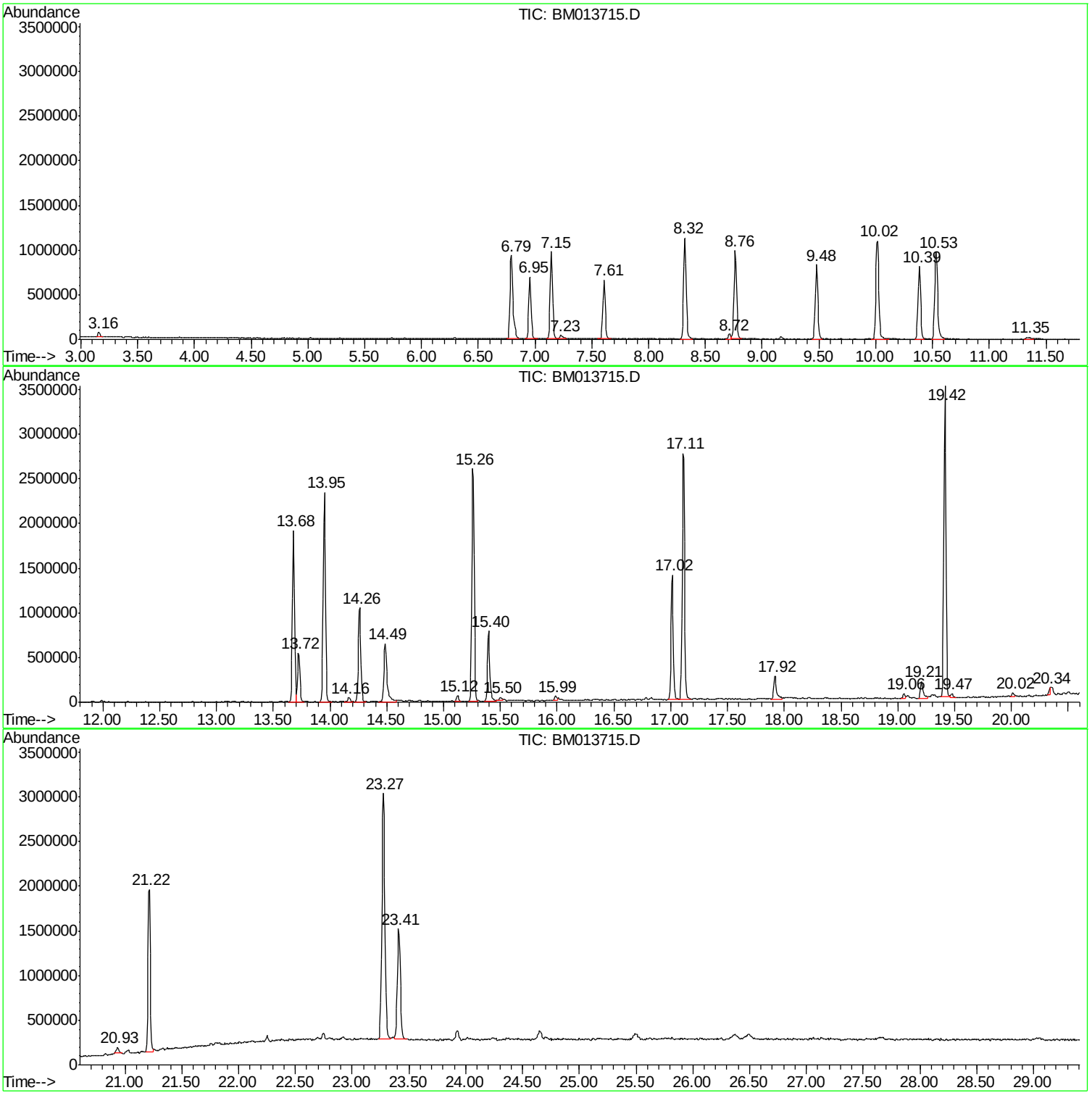
Instrument : BNA_M
ClientSampleId : F6A16

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.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\BM012218\
Data File : BM013715.D
Acq On : 23 Jan 2018 03:45
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A16

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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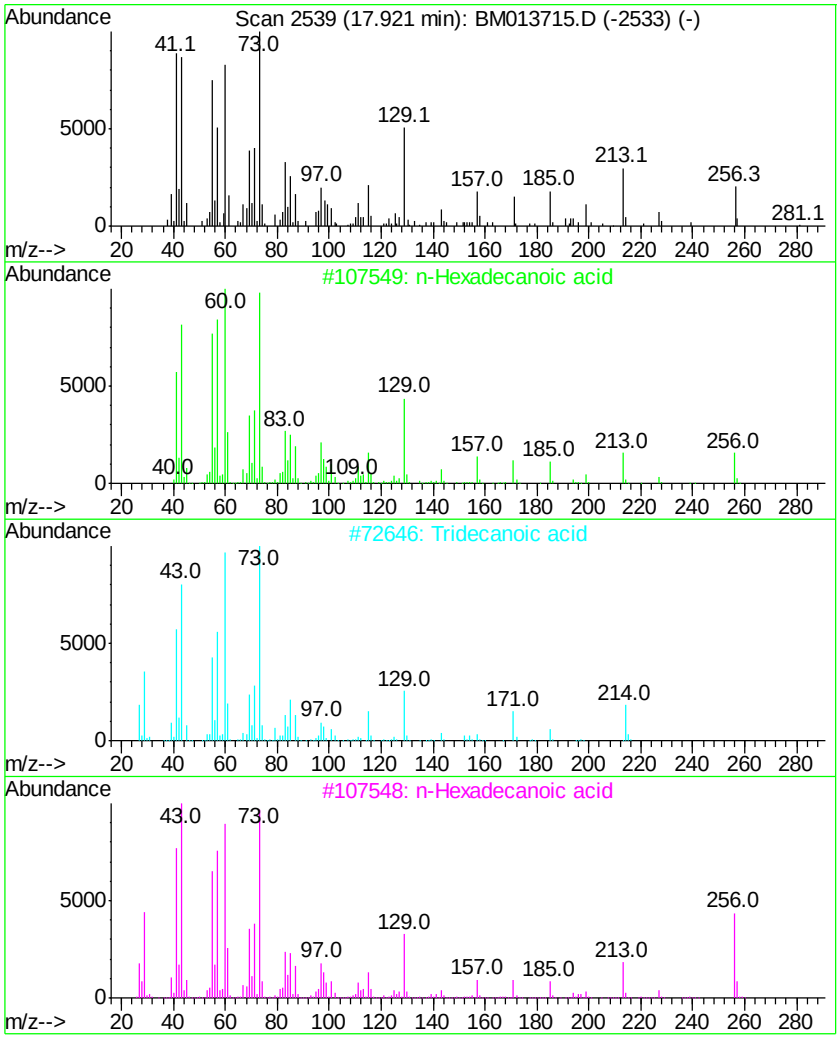
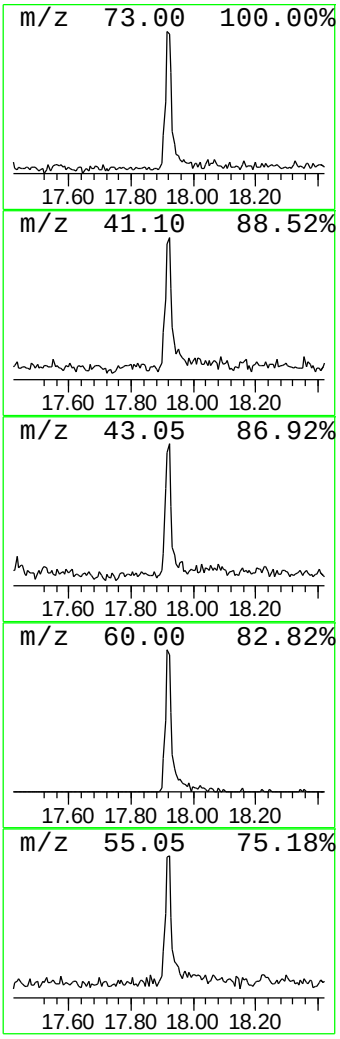
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.53 ng/ul	446018	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Sample : J1220-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A16

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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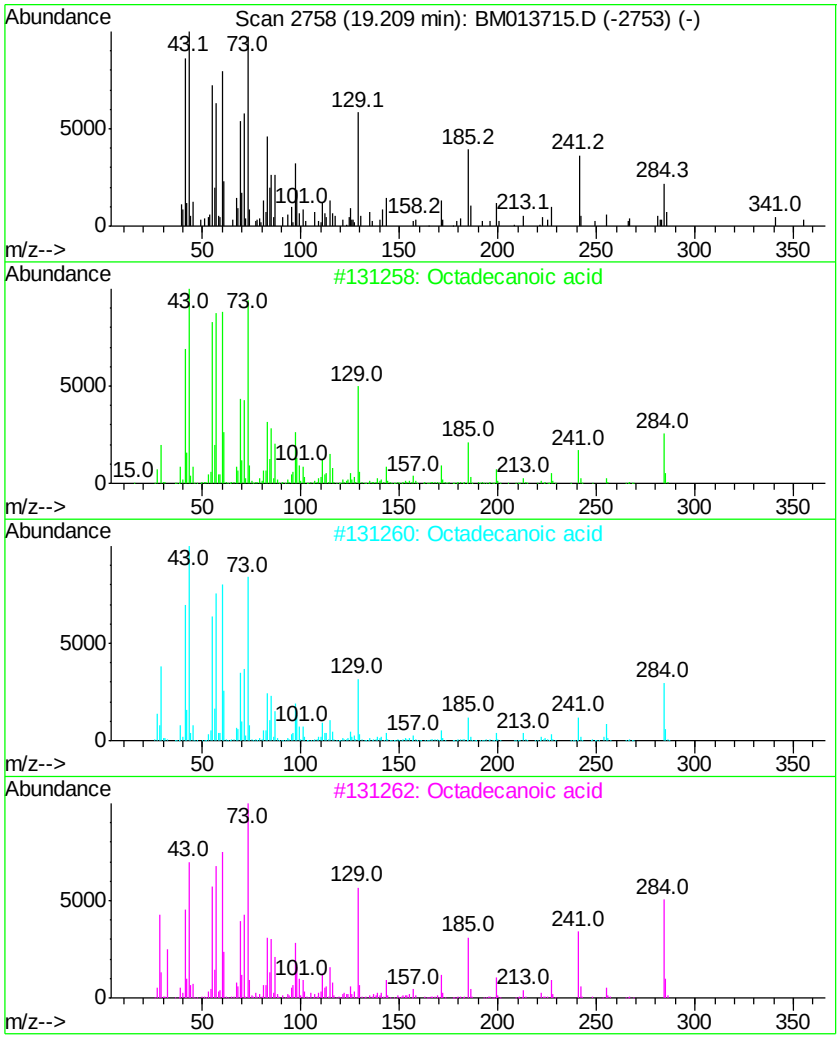
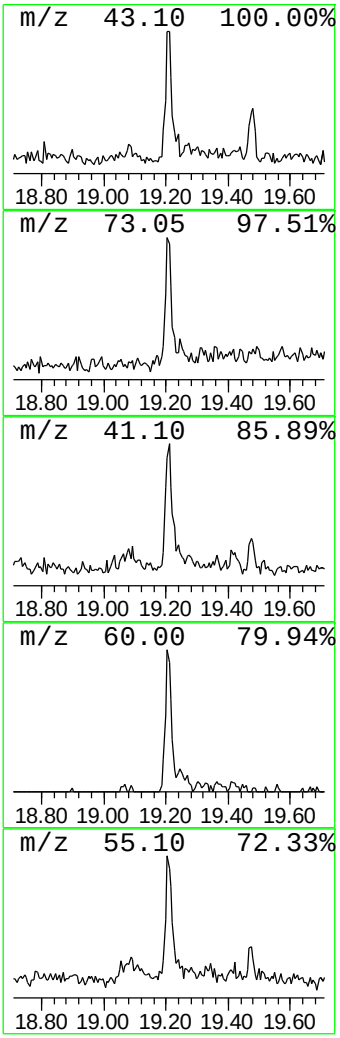
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.66 ng/ul	322619	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2	Octadecanoic acid	284	C18H36O2	000057-11-4	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A16

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.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	17.92	4.5	ng/ul	446018	4	17.02	1967810	20.0
Octadecanoic acid	19.21	2.7	ng/ul	322619	5	21.22	2429660	20.0