LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014037.D
Acq On : 31 Jan 2018 16:54
Operator : SJ/JU
Sample : J1314-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C39

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	20	23	31	rVB2	28641	37352	1.22%	0.114%
2	6.751	634	640	657	rBV	380557	768959	25.15%	2.340%
3	6.910	662	667	680	rVB	306748	496454	16.24%	1.511%
4	7.098	693	699	713	rBV	457372	756345	24.73%	2.301%
5	7.563	771	778	787	rBV	396313	686085	22.44%	2.088%
6	8.275	892	899	915	rBV2	515799	958804	31.36%	2.917%
7	8.722	968	975	984	rBV	435168	797882	26.09%	2.428%
8	9.434	1090	1096	1110	rBV	394808	752603	24.61%	2.290%
9	9.969	1181	1187	1198	rBV	522557	1001406	32.75%	3.047%
10	10.333	1243	1249	1259	rVB	566821	963512	31.51%	2.932%
11	10.486	1269	1275	1293	rBV	421605	955949	31.26%	2.909%
12	13.639	1804	1811	1815	rBV	1149792	1661001	54.32%	5.054%
13	13.686	1815	1819	1826	rVB	267483	426725	13.96%	1.298%
14	13.910	1848	1857	1866	rBV	1252135	1947384	63.69%	5.925%
15	14.127	1889	1894	1902	rBV5	36825	61956	2.03%	0.189%
16	14.216	1902	1909	1918	rVV2	904199	1378632	45.09%	4.195%
17	14.463	1945	1951	1965	rBV2	213829	560427	18.33%	1.705%
18	15.027	2042	2047	2051	rBV	41729	57263	1.87%	0.174%
19	15.080	2051	2056	2062	rVB2	75314	96117	3.14%	0.292%
20	15.215	2073	2079	2089	rBV	1604079	2374152	77.64%	7.224%
21	15.368	2099	2105	2117	rBV	346112	621586	20.33%	1.891%
22	15.463	2117	2121	2124	rBV3	22677	33001	1.08%	0.100%
23	15.945	2199	2203	2212	rBV2	76527	125222	4.10%	0.381%
24	16.739	2334	2338	2342	rBV2	51479	63060	2.06%	0.192%
25	16.792	2344	2347	2355	rVB7	18536	31187	1.02%	0.095%
26	16.974	2372	2378	2388	rBV	1204750	1691109	55.30%	5.145%
27	17.074	2388	2395	2408	rBV	1797240	2645221	86.51%	8.048%
28	17.480	2460	2464	2470	rBV4	32311	53006	1.73%	0.161%
29	17.880	2526	2532	2543	rBV2	180826	337149	11.03%	1.026%
30	18.168	2578	2581	2587	rVB6	28094	39162	1.28%	0.119%
31	19.021	2721	2726	2730	rBV3	36573	61042	2.00%	0.186%
32	19.168	2747	2751	2764	rBV5	119603	220347	7.21%	0.670%
33	19.380	2780	2787	2794	rBV	2179965	3056926	99.97%	9.301%
34	19.439	2794	2797	2804	rVB8	38715	58629	1.92%	0.178%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014037.D
Acq On : 31 Jan 2018 16:54
Operator : SJ/JU
Sample : J1314-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C39

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

35	20.897	3041	3045	3056	rBV5	103333	192354	6.29%	0.585%
36	21.180	3088	3093	3101	rBV2	1402298	2035753	66.58%	6.194%
37	23.227	3434	3441	3454	rVB2	1662460	3057816	100.00%	9.304%
38	23.362	3458	3464	3475	rVB	947287	1804465	59.01%	5.490%

Sum of corrected areas: 32866043

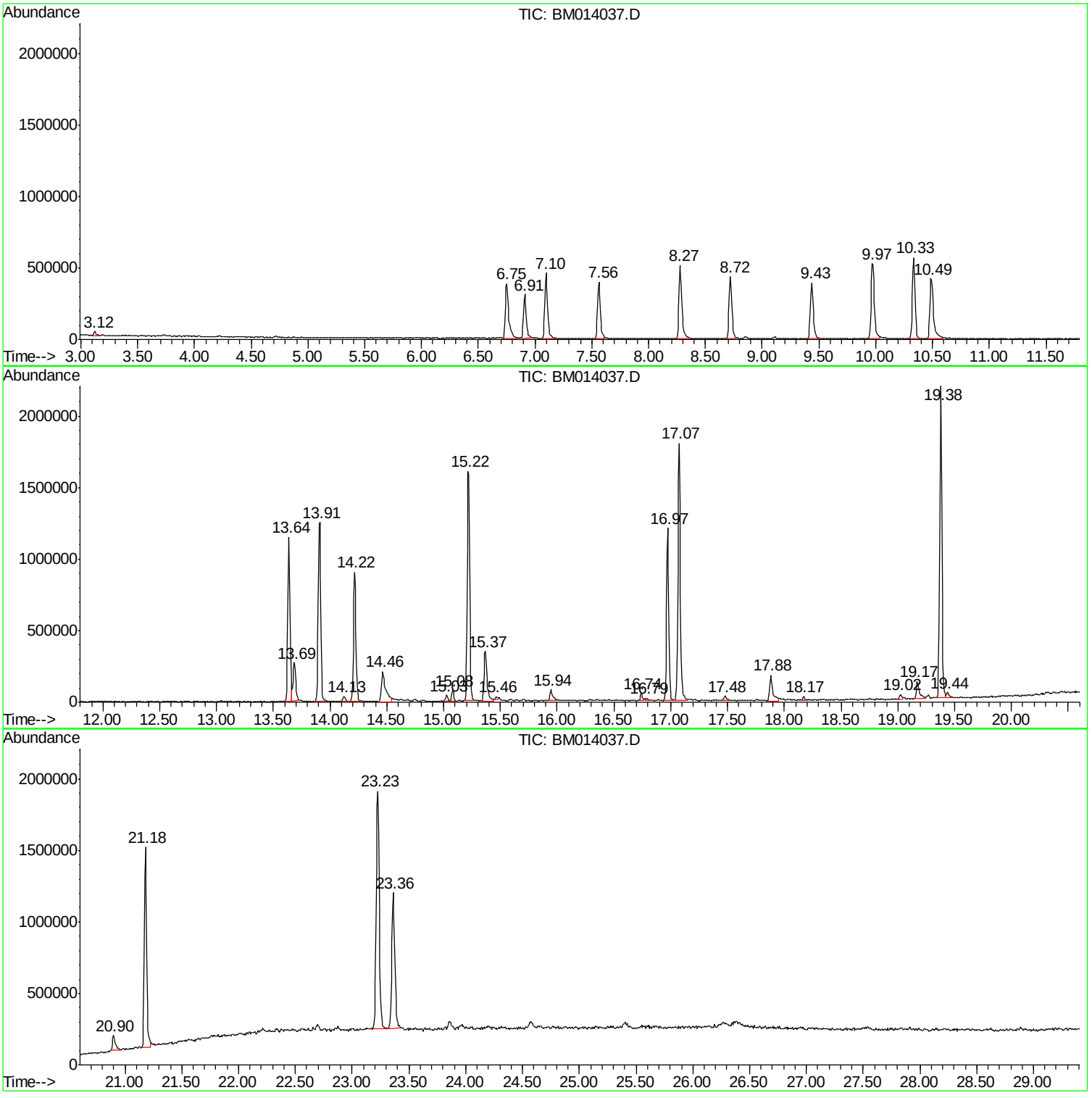
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014037.D
Acq On : 31 Jan 2018 16:54
Operator : SJ/JU
Sample : J1314-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C39

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014037.D
Acq On : 31 Jan 2018 16:54
Operator : SJ/JU
Sample : J1314-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C39

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

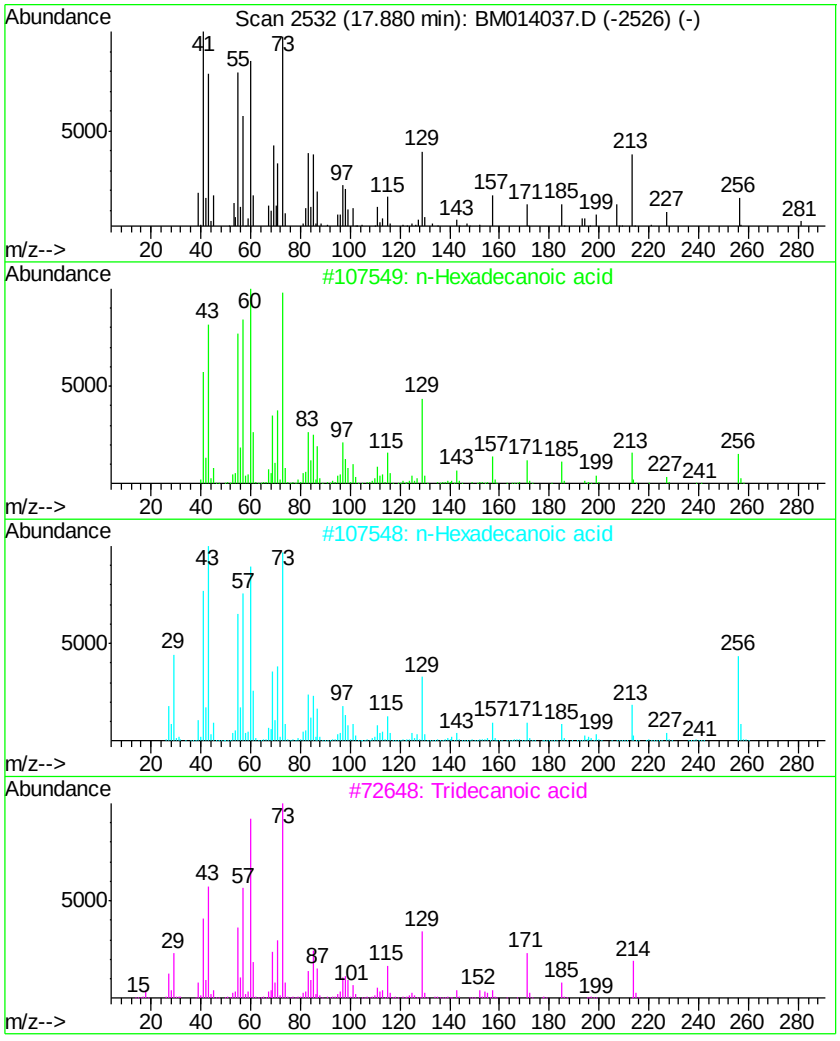
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

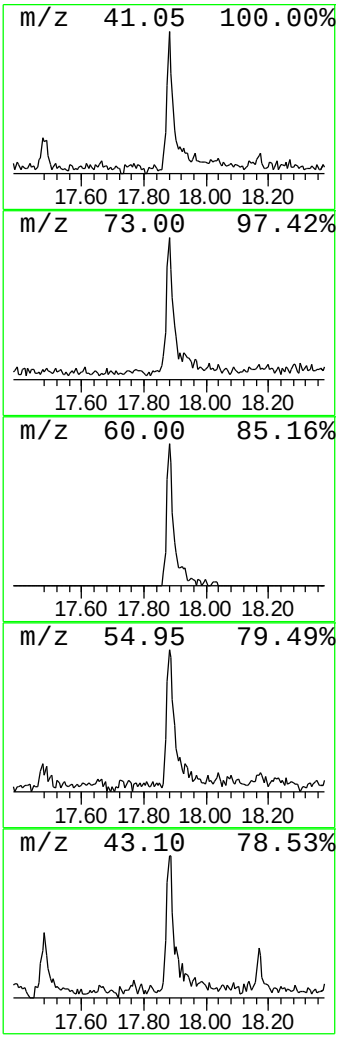
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.99 ng/ul	337149	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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014037.D
Acq On : 31 Jan 2018 16:54
Operator : SJ/JU
Sample : J1314-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C39

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

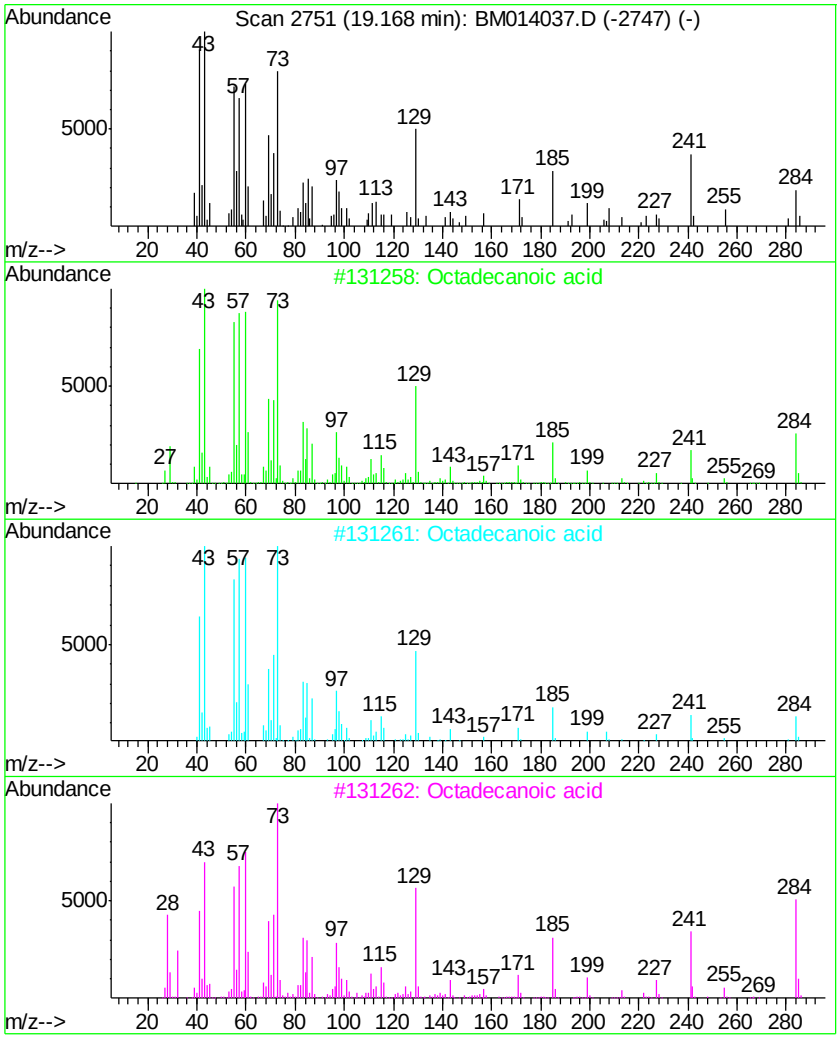
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

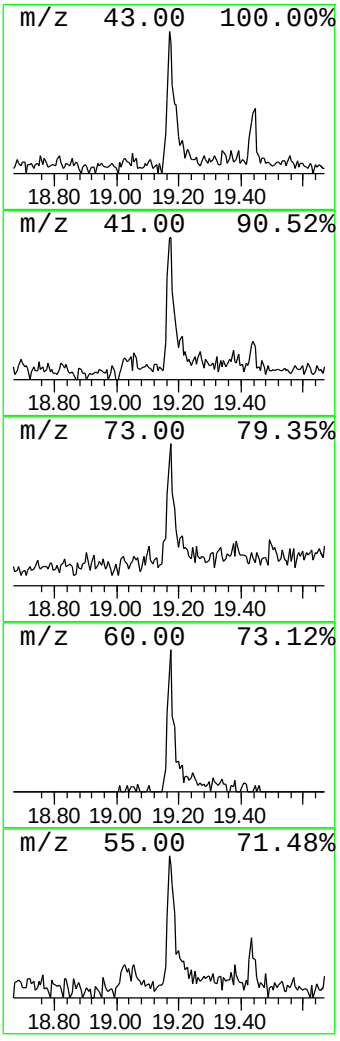
****

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.16 ng/ul	220347	Chrysene-d12	21.18

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013118\
Data File : BM014037.D
Acq On : 31 Jan 2018 16:54
Operator : SJ/JU
Sample : J1314-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C39

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	17.88	4.0	ng/ul	337149	4	16.97	1691110	20.0
Octadecanoic acid	19.17	2.2	ng/ul	220347	5	21.18	2035750	20.0