LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013243.D
Acq On : 07 Dec 2017 15:05
Operator : SJ/JU
Sample : I6719-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ5

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-BM113017.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	3.246	21	27	31	rVB2	29729	47033	1.53%	0.122%
2	4.857	296	301	307	rVB2	30910	48586	1.58%	0.126%
3	6.887	636	646	656	rVB	651098	1159444	37.75%	3.010%
4	7.045	667	673	680	rVB	492773	753399	24.53%	1.956%
5	7.240	700	706	717	rVB	713521	1128385	36.74%	2.929%
6	7.704	777	785	792	rVB	739913	1156955	37.67%	3.003%
7	8.410	899	905	912	rBV	818115	1300459	42.34%	3.376%
8	8.857	974	981	988	rBV	666032	1083093	35.26%	2.811%
9	9.269	1046	1051	1058	rVB3	33410	56151	1.83%	0.146%
10	9.575	1096	1103	1109	rBV	568960	937362	30.52%	2.433%
11	10.110	1187	1194	1202	rBV	850990	1413261	46.01%	3.668%
12	10.486	1249	1258	1264	rBV	890516	1533168	49.92%	3.980%
13	10.622	1274	1281	1293	rBV	723576	1263327	41.13%	3.279%
14	11.398	1407	1413	1421	rBV7	16819	34916	1.14%	0.091%
15	13.169	1710	1714	1720	rVB3	33310	46465	1.51%	0.121%
16	13.757	1808	1814	1819	rBV	1361998	1865183	60.73%	4.841%
17	13.804	1819	1822	1830	rVB	349569	467558	15.22%	1.214%
18	14.033	1851	1861	1867	rBV	1526606	2311341	75.25%	5.999%
19	14.092	1867	1871	1876	rVV6	22583	41226	1.34%	0.107%
20	14.198	1881	1889	1894	rVV3	85918	234076	7.62%	0.608%
21	14.245	1894	1897	1903	rVV3	73070	116083	3.78%	0.301%
22	14.345	1906	1914	1923	rVB2	1164204	1837147	59.82%	4.769%
23	14.563	1945	1951	1963	rBV	536774	869162	28.30%	2.256%
24	15.204	2057	2060	2066	rVB2	68953	93032	3.03%	0.241%
25	15.339	2077	2083	2093	rVB	1794685	2567202	83.58%	6.664%
26	15.468	2100	2105	2113	rBV	448195	631494	20.56%	1.639%
27	15.586	2121	2125	2127	rBV4	24300	36081	1.17%	0.094%
28	16.068	2202	2207	2214	rBV3	55128	89216	2.90%	0.232%
29	16.862	2339	2342	2346	rBV6	31336	41825	1.36%	0.109%
30	17.092	2374	2381	2388	rBV	1475413	2086543	67.94%	5.416%
31	17.192	2392	2398	2406	rVB2	1936092	2675822	87.12%	6.946%
32	17.598	2464	2467	2473	rVB7	19965	30867	1.00%	0.080%
33	17.992	2530	2534	2544	rBV	298589	452790	14.74%	1.175%
34	19.280	2749	2753	2757	rBV2	222041	303396	9.88%	0.788%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013243.D
Acq On : 07 Dec 2017 15:05
Operator : SJ/JU
Sample : I6719-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ5

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-BM113017.M
Title : SVOA CALIBRATION

35	19.492	2783	2789	2796	rBV	1931903	2724495	88.71%	7.072%
36	21.280	3089	3093	3099	rVB	1611923	2051246	66.79%	5.324%
37	23.380	3444	3450	3461	rVB2	1622659	3071372	100.00%	7.972%
38	23.521	3469	3474	3481	rVB	1119860	1966786	64.04%	5.105%

Sum of corrected areas: 38525947

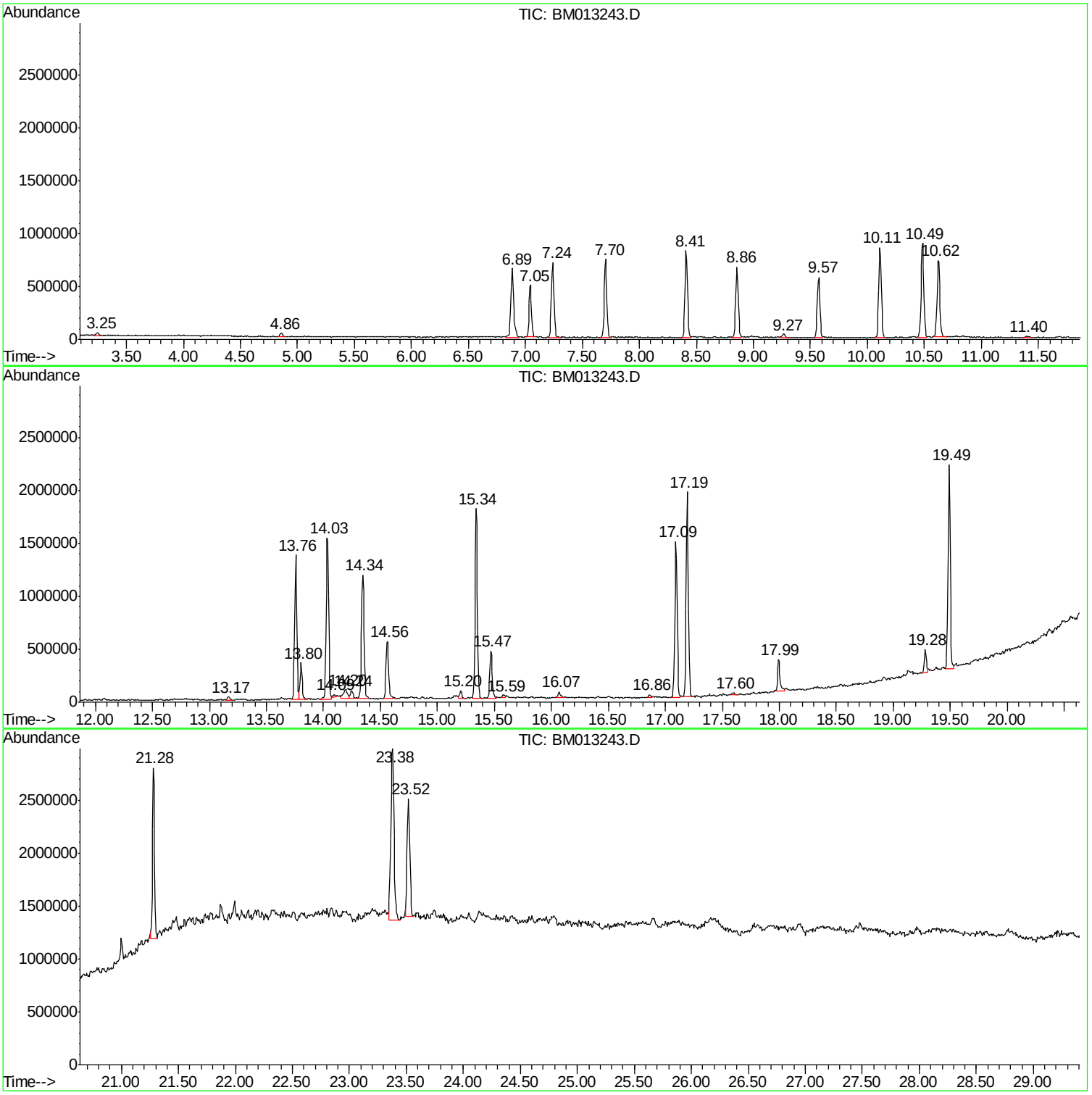
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013243.D
Acq On : 07 Dec 2017 15:05
Operator : SJ/JU
Sample : I6719-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013243.D
Acq On : 07 Dec 2017 15:05
Operator : SJ/JU
Sample : I6719-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

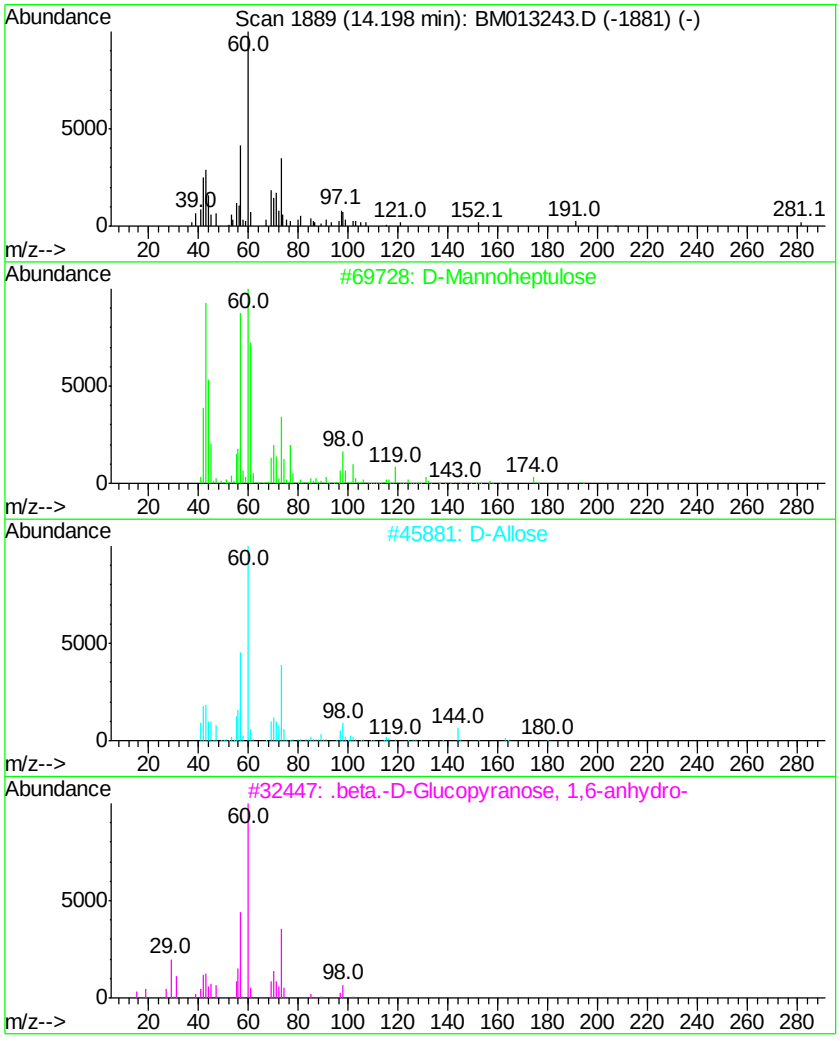
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

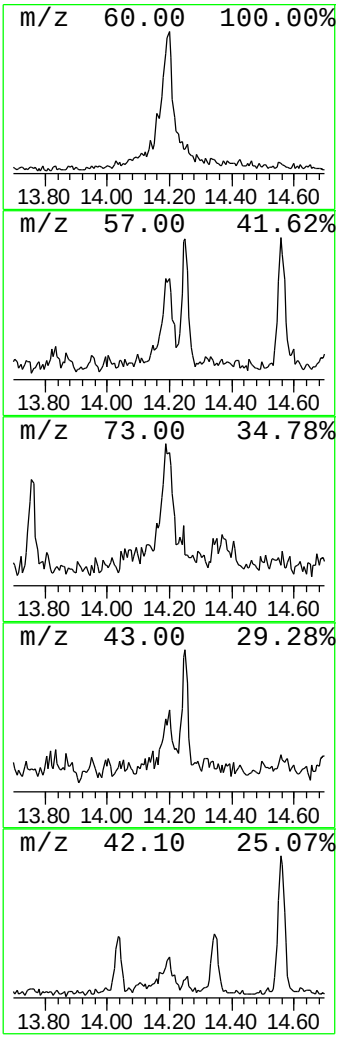
****

Peak Number 1 D-Mannoheptulose Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.55 ng/ul	234076	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Mannoheptulose	210	C7H14O7	003615-44-9	72
2	D-Allose	180	C6H12O6	002595-97-3	64
3	.beta.-D-Glucopyranose, 1,6-anhv...	162	C6H10O5	000498-07-7	64
4	.beta.-D-Glucopyranose, 1,6-anhv...	162	C6H10O5	000498-07-7	56
5	1,6-Anhydro-.beta.-d-talopyranose	162	C6H10O5	1000133-05-8	56





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013243.D
Acq On : 07 Dec 2017 15:05
Operator : SJ/JU
Sample : I6719-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

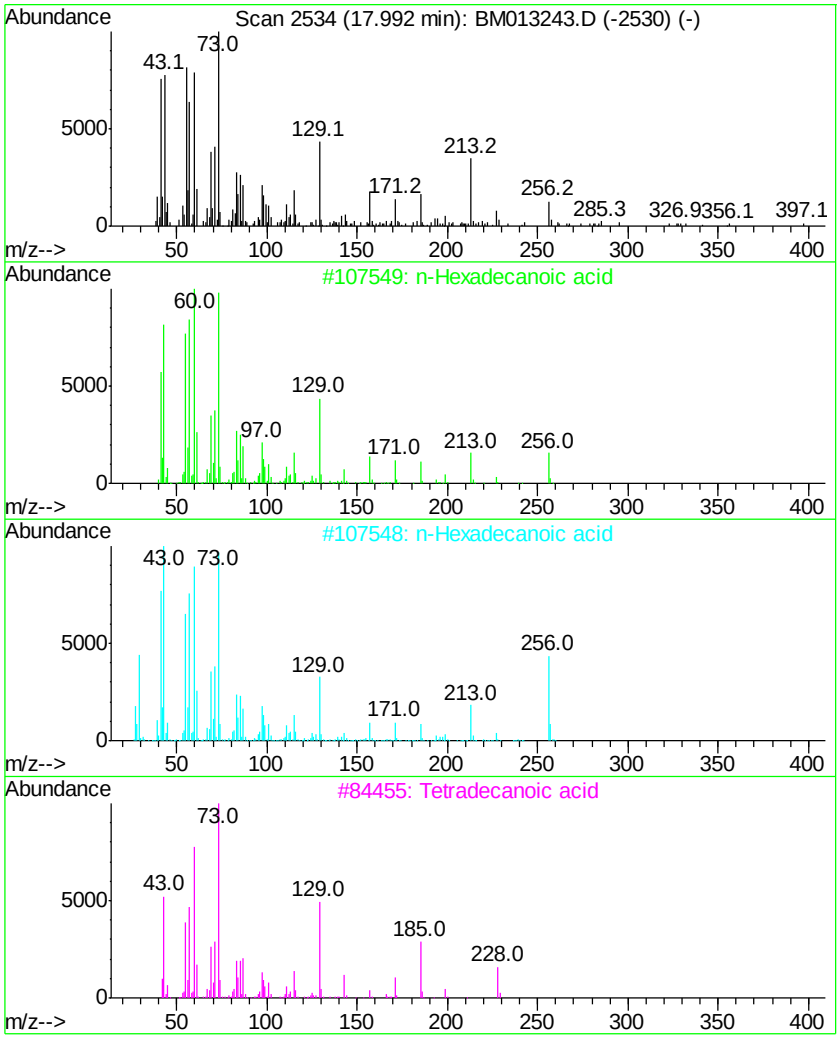
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

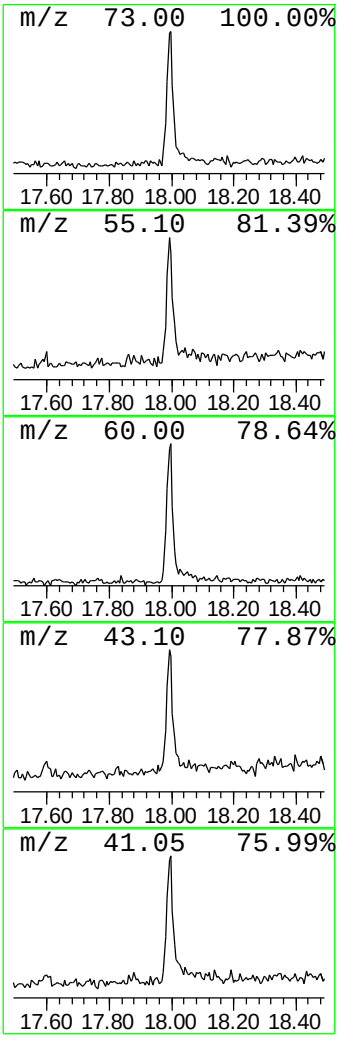
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.34 ng/ul	452790	Phenanthrene-d10	17.09

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013243.D
Acq On : 07 Dec 2017 15:05
Operator : SJ/JU
Sample : I6719-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

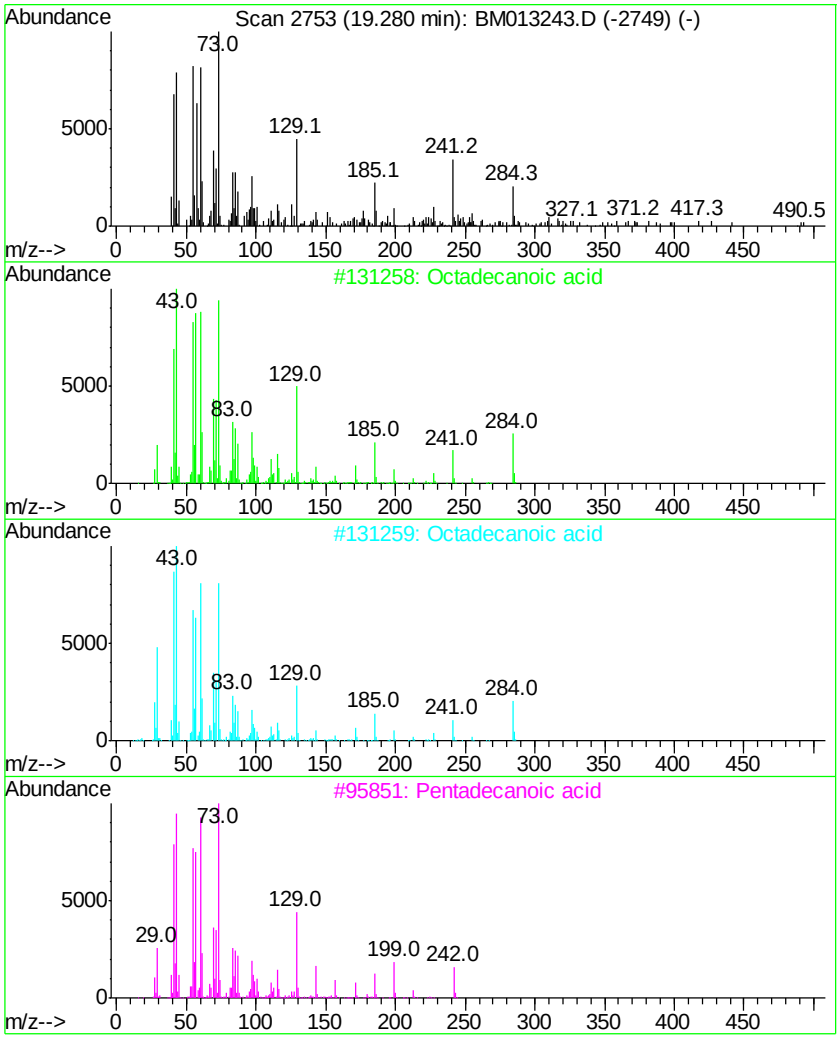
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

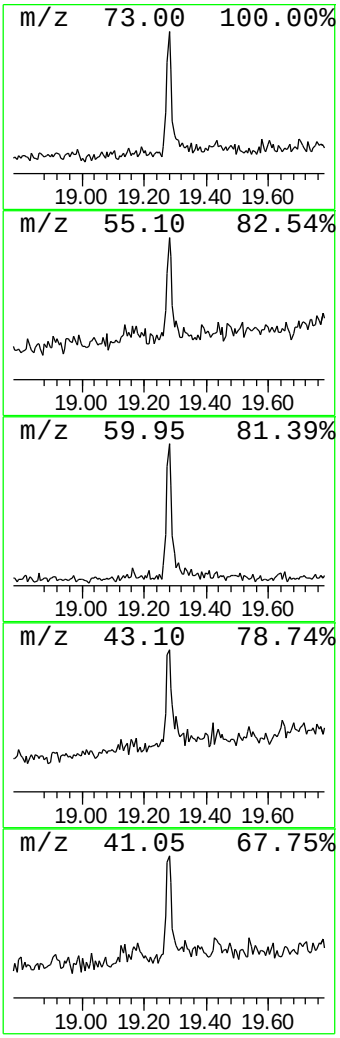
****

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.96 ng/ul	303396	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM120717\
Data File : BM013243.D
Acq On : 07 Dec 2017 15:05
Operator : SJ/JU
Sample : I6719-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
D-Mannoheptulose	14.20	2.5	ng/ul	234076	3	14.35	1837150	20.0
n-Hexadecanoic acid	17.99	4.3	ng/ul	452790	4	17.09	2086540	20.0
Octadecanoic acid	19.28	3.0	ng/ul	303396	5	21.28	2051250	20.0