LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013018\
Data File : BM014011.D
Acq On : 30 Jan 2018 23:23
Operator : SJ/JU
Sample : J1315-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C64

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	3.134	21	25	31	rVB3	21287	28654	1.31%	0.113%
2	6.752	634	640	656	rBV	338098	652729	29.94%	2.583%
3	6.916	662	668	680	rBV	256285	432525	19.84%	1.712%
4	7.105	694	700	707	rBV	391952	658707	30.22%	2.607%
5	7.563	772	778	790	rBV	388934	674383	30.94%	2.669%
6	8.281	893	900	917	rBV	405350	798006	36.61%	3.158%
7	8.722	967	975	987	rBV	371236	689972	31.65%	2.730%
8	9.116	1037	1042	1046	rBV4	17327	23525	1.08%	0.093%
9	9.440	1091	1097	1109	rBV2	317394	607755	27.88%	2.405%
10	9.975	1181	1188	1200	rBV	396416	803125	36.84%	3.178%
11	10.340	1240	1250	1258	rBV	517382	883113	40.51%	3.495%
12	10.493	1270	1276	1290	rBV2	314851	694074	31.84%	2.747%
13	13.034	1704	1708	1715	rBV5	12853	23208	1.06%	0.092%
14	13.639	1805	1811	1816	rBV	820531	1201240	55.11%	4.754%
15	13.687	1816	1819	1828	rVB	163391	271166	12.44%	1.073%
16	13.910	1849	1857	1869	rBV	967980	1462618	67.10%	5.788%
17	14.122	1887	1893	1898	rBV2	42483	65887	3.02%	0.261%
18	14.222	1902	1910	1919	rVV2	718287	1127557	51.73%	4.462%
19	14.469	1947	1952	1968	rBV3	131163	393406	18.05%	1.557%
20	15.081	2051	2056	2060	rBV2	57689	77660	3.56%	0.307%
21	15.222	2074	2080	2092	rBV	1125592	1737012	79.68%	6.874%
22	15.369	2099	2105	2118	rBV	213195	411051	18.86%	1.627%
23	15.469	2118	2122	2124	rBV5	17259	26477	1.21%	0.105%
24	15.951	2199	2204	2211	rBV2	47642	77668	3.56%	0.307%
25	16.745	2334	2339	2341	rBV5	15949	22865	1.05%	0.090%
26	16.975	2370	2378	2386	rBV	937200	1301949	59.73%	5.152%
27	17.075	2389	2395	2411	rVV	1160318	1797672	82.47%	7.114%
28	17.880	2527	2532	2545	rBV2	148067	266557	12.23%	1.055%
29	19.022	2722	2726	2729	rBV4	22987	37044	1.70%	0.147%
30	19.174	2747	2752	2760	rBV5	56918	110153	5.05%	0.436%
31	19.380	2781	2787	2795	rBV	1482729	2087551	95.77%	8.261%
32	20.898	3039	3045	3053	rBV3	238775	459582	21.08%	1.819%
33	21.180	3088	3093	3104	rBV	1076700	1562903	71.70%	6.185%
34	22.327	3285	3288	3294	rVB3	71410	108062	4.96%	0.428%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013018\
Data File : BM014011.D
Acq On : 30 Jan 2018 23:23
Operator : SJ/JU
Sample : J1315-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C64

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

35	23.227	3434	3441	3449	rVB2	1201228	2179853	100.00%	8.627%
36	23.362	3459	3464	3474	rVB	800192	1513465	69.43%	5.989%

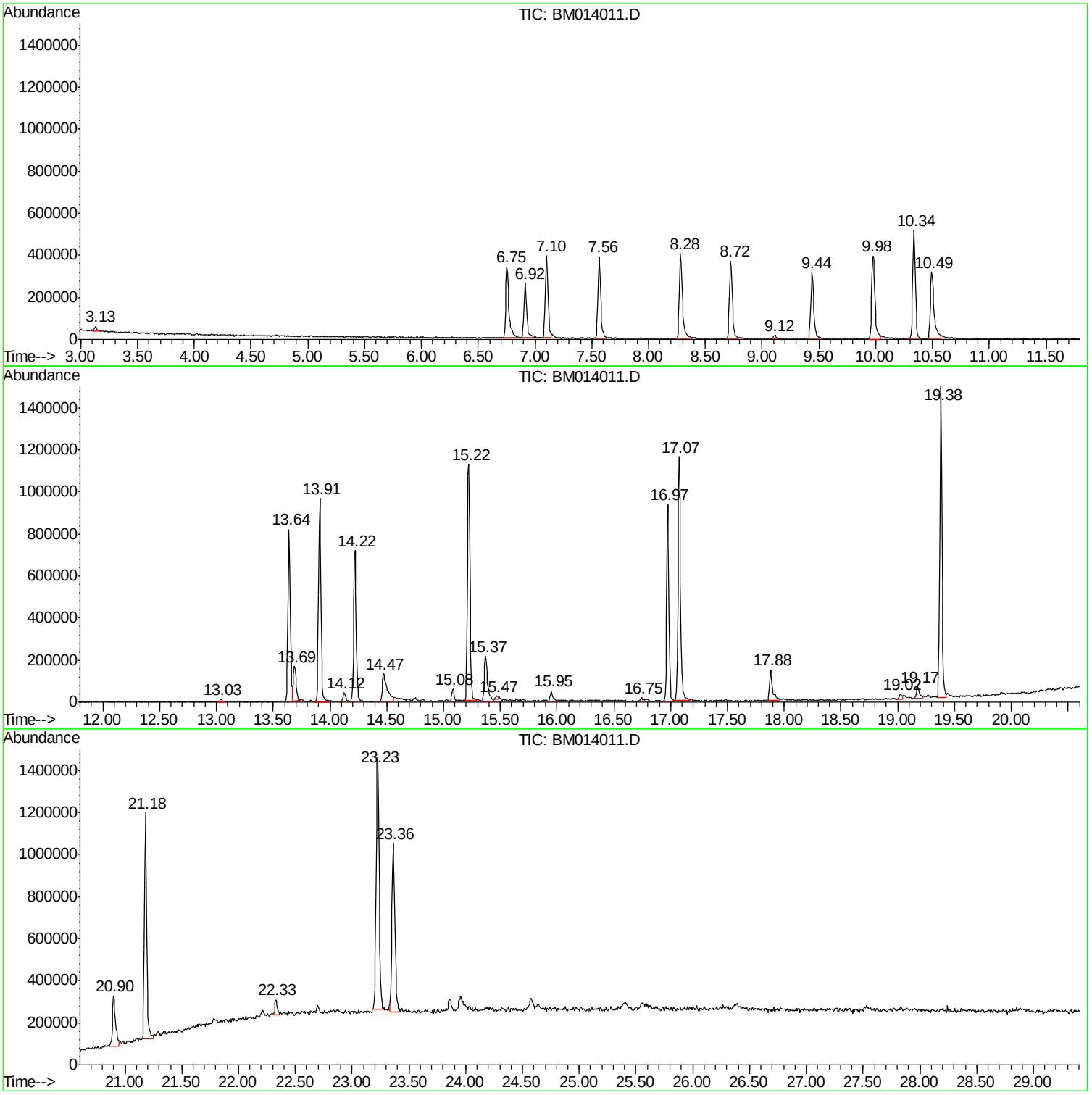
Sum of corrected areas: 25269174

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013018\
Data File : BM014011.D
Acq On : 30 Jan 2018 23:23
Operator : SJ/JU
Sample : J1315-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6C64

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013018\
Data File : BM014011.D
Acq On : 30 Jan 2018 23:23
Operator : SJ/JU
Sample : J1315-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C64

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

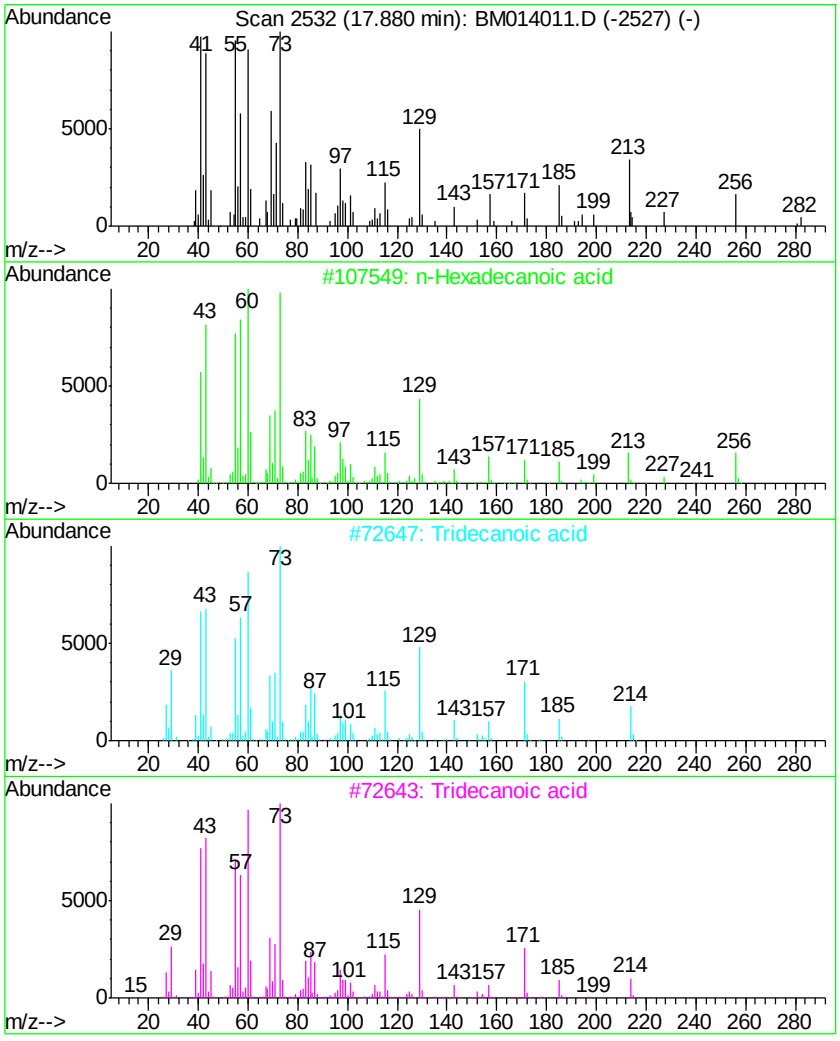
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

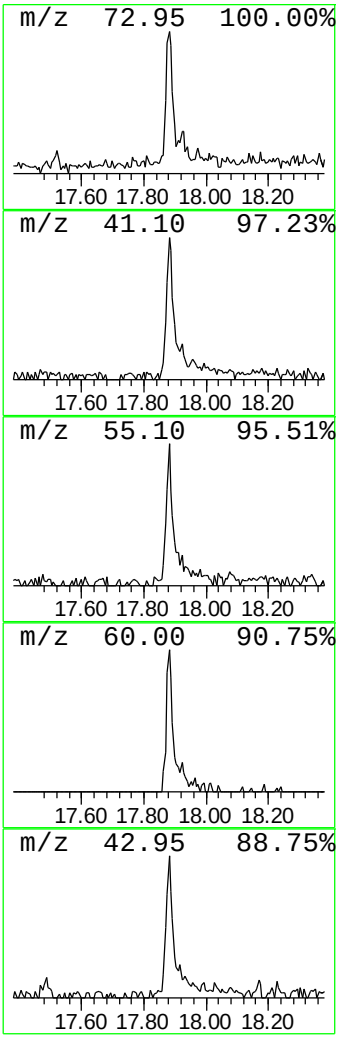
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.09 ng/ul	266557	Phenanthrene-d10	16.97

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	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013018\
Data File : BM014011.D
Acq On : 30 Jan 2018 23:23
Operator : SJ/JU
Sample : J1315-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C64

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

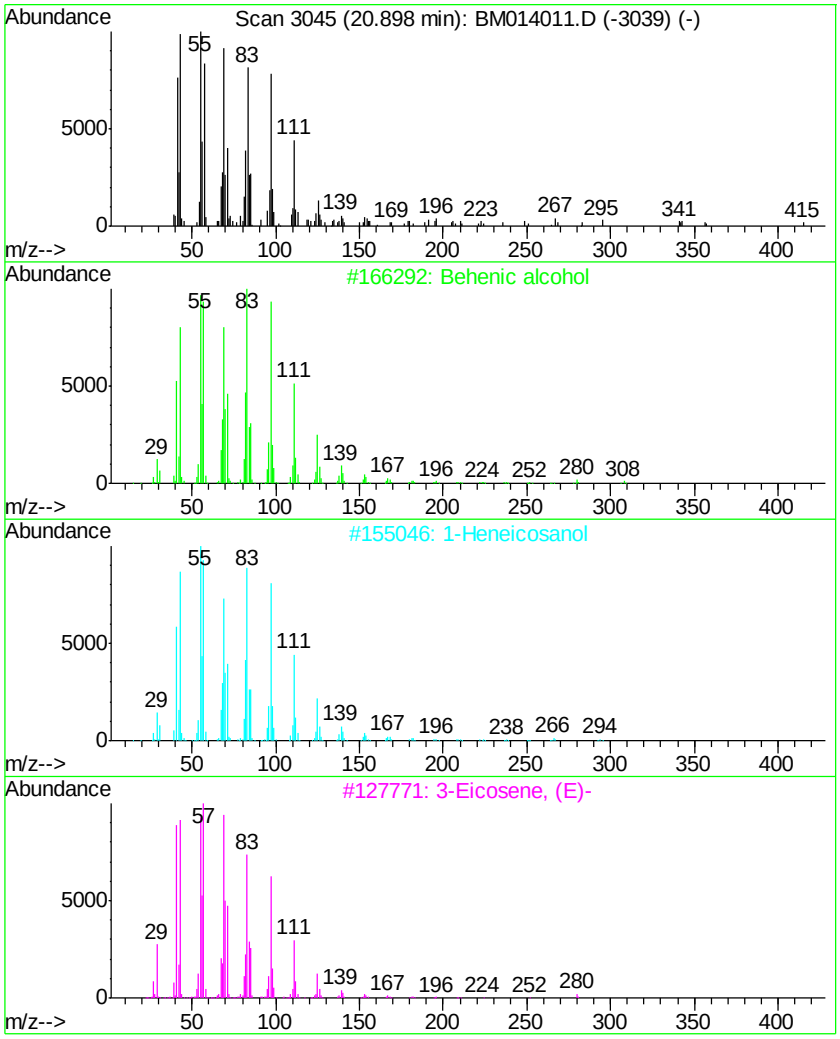
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

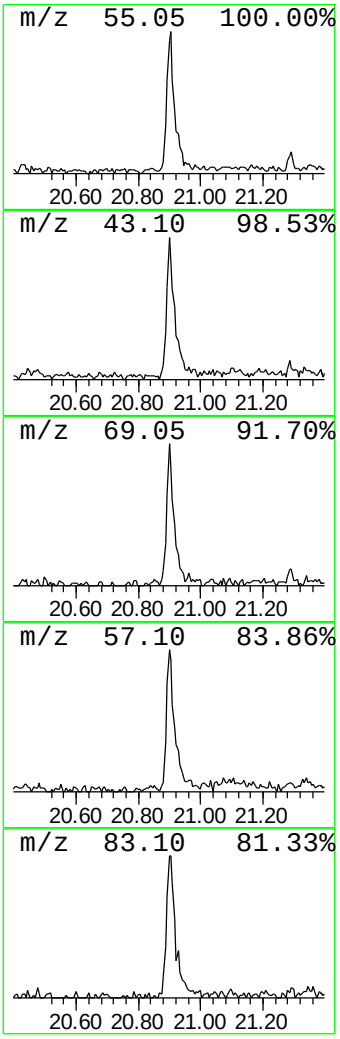
****

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.88 ng/ul	459582	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	74
2	1-Heneicosanol	312	C21H44O	015594-90-8	74
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	74
4	1-Docosene	308	C22H44	001599-67-3	70
5	Octacosyl acetate	452	C30H60O2	018206-97-8	68





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013018\
Data File : BM014011.D
Acq On : 30 Jan 2018 23:23
Operator : SJ/JU
Sample : J1315-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C64

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	17.88	4.1	ng/ul	266557	4	16.97	1301950	20.0
Behenic alcohol	20.90	5.9	ng/ul	459582	5	21.18	1562900	20.0