LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014101.D
Acq On : 02 Feb 2018 07:43
Operator : SJ/JU
Sample : J1317-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D11

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	3.116	19	22	28	rVB2	38562	52774	1.06%	0.105%
2	6.745	632	639	652	rBV	698931	1291582	25.99%	2.575%
3	6.904	660	666	678	rBV	530859	839443	16.89%	1.674%
4	7.092	691	698	714	rVB	795853	1298726	26.13%	2.590%
5	7.551	771	776	787	rBV	506836	859187	17.29%	1.713%
6	8.269	892	898	913	rBV	930355	1604907	32.29%	3.200%
7	8.710	965	973	982	rBV	799704	1362053	27.40%	2.716%
8	9.428	1088	1095	1114	rBV	697522	1240692	24.96%	2.474%
9	9.963	1177	1186	1196	rBV	944850	1741225	35.03%	3.472%
10	10.328	1240	1248	1256	rBV	734104	1218542	24.52%	2.430%
11	10.480	1265	1274	1293	rBV	780197	1588462	31.96%	3.167%
12	12.969	1691	1697	1701	rVB7	33579	58496	1.18%	0.117%
13	13.021	1701	1706	1712	rBV8	24386	50378	1.01%	0.100%
14	13.633	1804	1810	1814	rBV	1793307	2622302	52.76%	5.229%
15	13.680	1814	1818	1824	rVB	391450	590588	11.88%	1.178%
16	13.898	1849	1855	1861	rBV	2111907	3127158	62.92%	6.235%
17	14.116	1888	1892	1895	rVB2	70901	92348	1.86%	0.184%
18	14.210	1902	1908	1917	rVB2	1123250	1696134	34.12%	3.382%
19	14.451	1943	1949	1965	rBV2	516515	1151665	23.17%	2.296%
20	15.074	2051	2055	2058	rVB	86443	102561	2.06%	0.205%
21	15.210	2072	2078	2085	rBV	2599590	3777049	75.99%	7.531%
22	15.357	2098	2103	2116	rBV	734737	1169940	23.54%	2.333%
23	15.451	2116	2119	2124	rBV7	34426	60029	1.21%	0.120%
24	15.939	2198	2202	2209	rBV2	84047	122329	2.46%	0.244%
25	16.733	2334	2337	2340	rBV5	37625	52702	1.06%	0.105%
26	16.968	2371	2377	2384	rBV2	1487452	2133067	42.92%	4.253%
27	17.068	2387	2394	2403	rBV	2782657	4214213	84.79%	8.403%
28	17.874	2527	2531	2541	rBV2	329291	510116	10.26%	1.017%
29	19.015	2722	2725	2728	rBV3	43097	62254	1.25%	0.124%
30	19.162	2746	2750	2760	rBV4	176622	317854	6.39%	0.634%
31	19.374	2780	2786	2793	rBV	3536381	4959843	99.79%	9.890%
32	20.892	3041	3044	3050	rVB4	181631	232663	4.68%	0.464%
33	21.174	3086	3092	3102	rBV	1864405	2637321	53.06%	5.259%
34	23.215	3432	3439	3448	rVB2	2785896	4970368	100.00%	9.911%

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35	23.350	3456	3462	3470	rVB	1230318	2342244	47.12%	4.670%

Sum of corrected areas: 50151215

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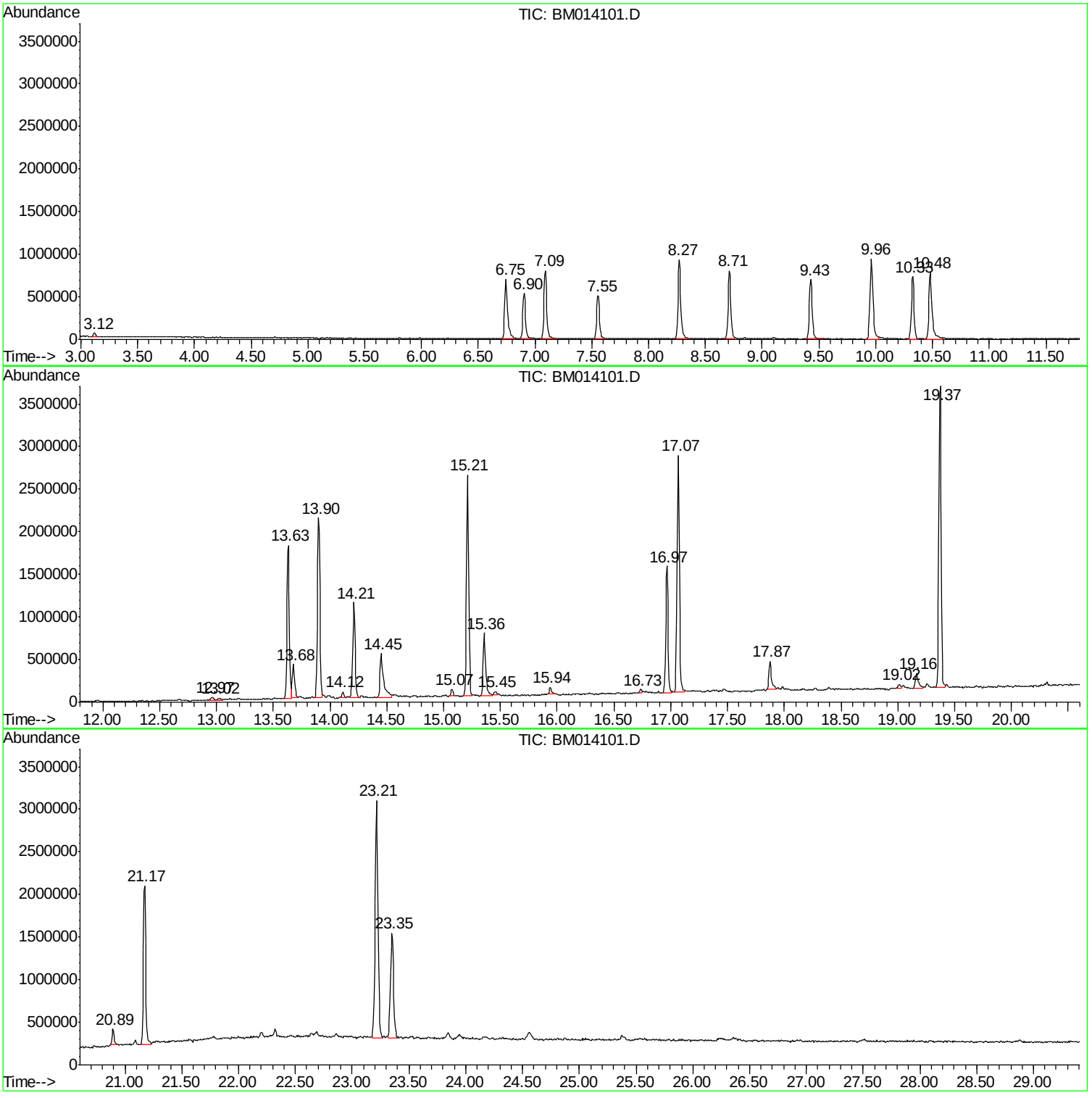
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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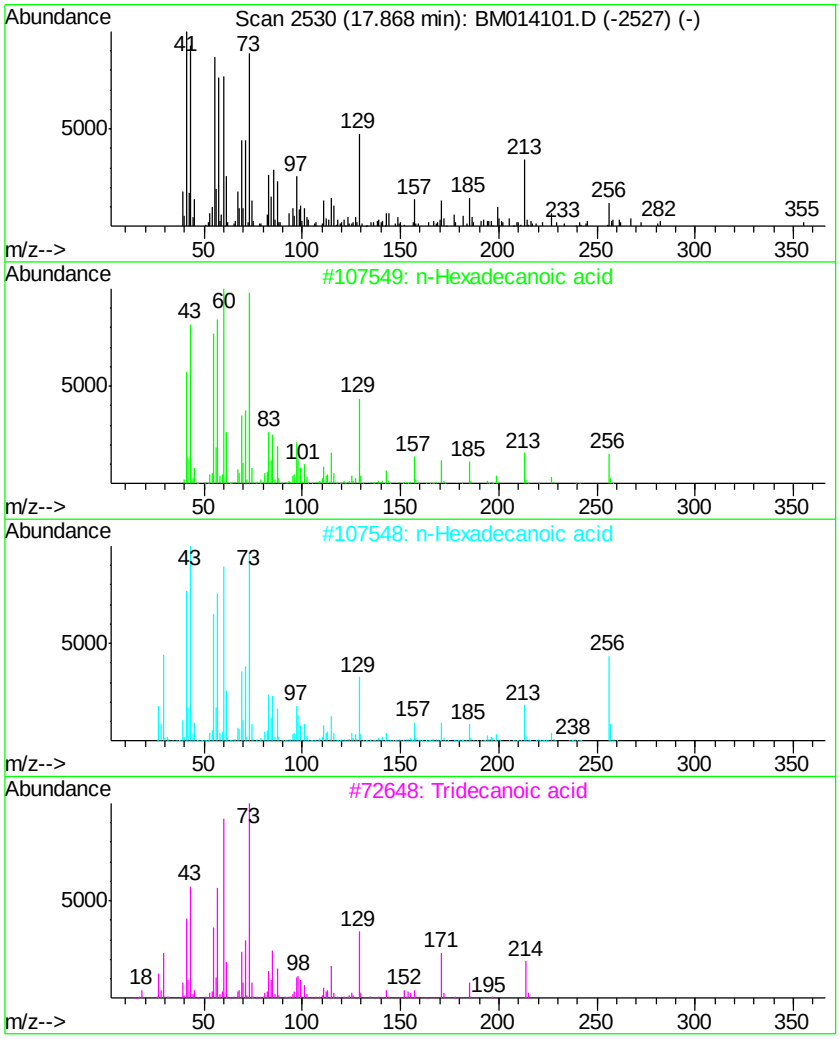
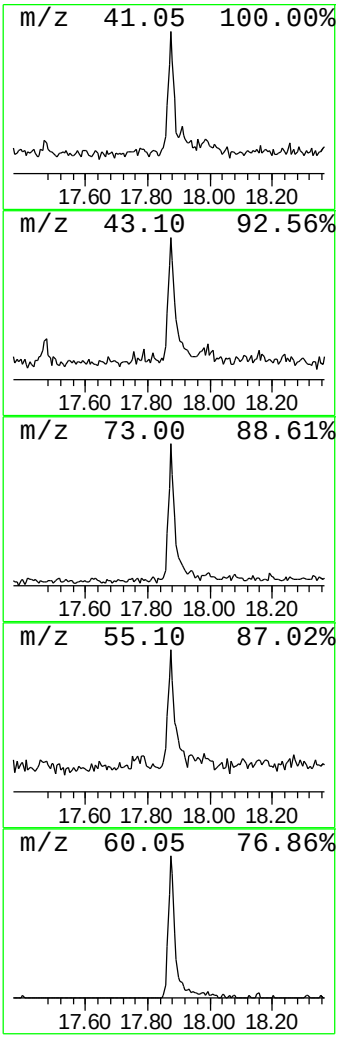
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.78 ng/ul	510116	Phenanthrene-d10	16.97

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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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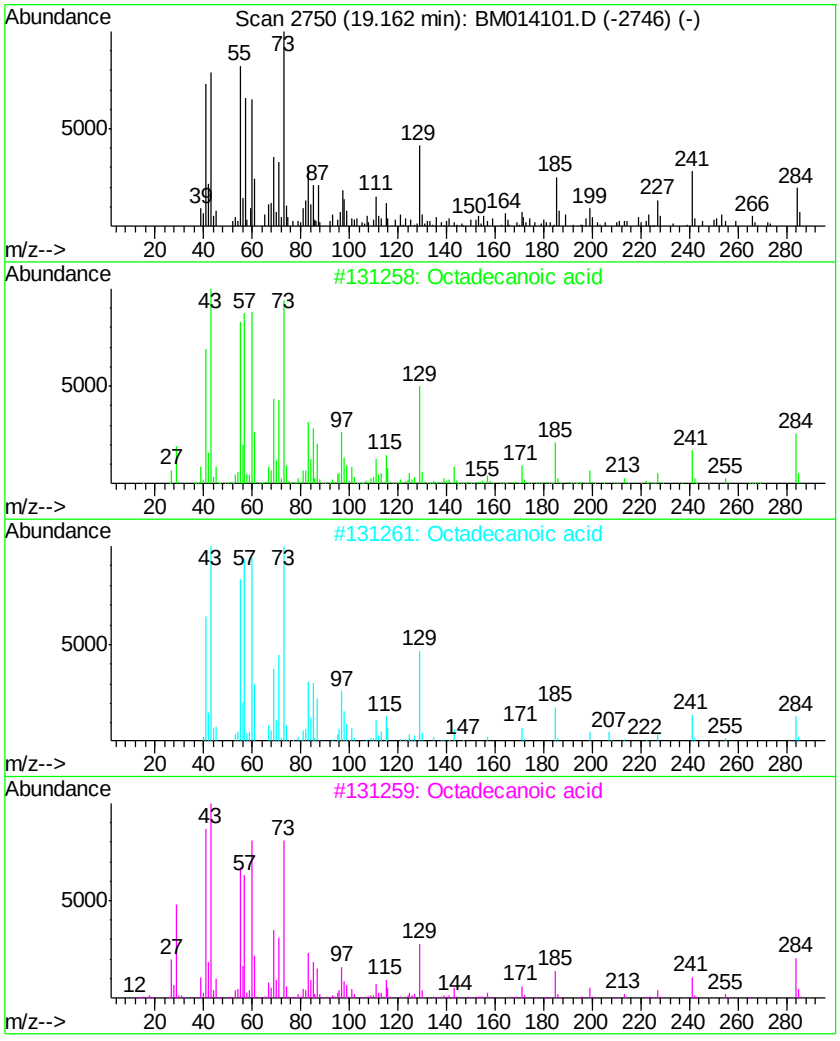
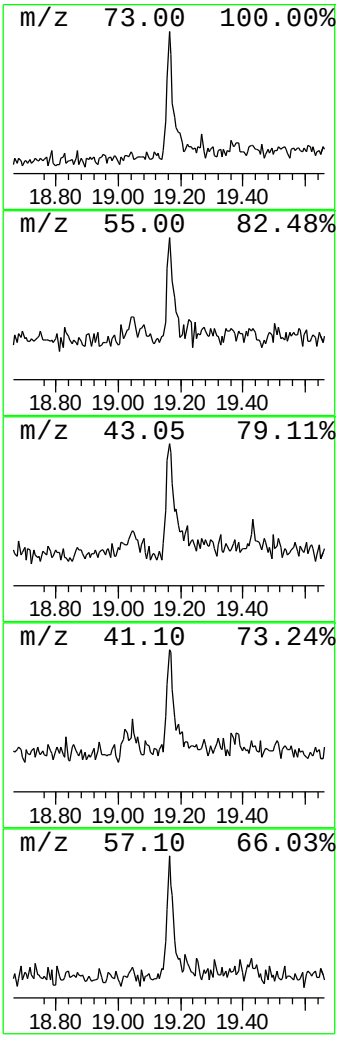
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.41 ng/ul	317854	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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	4.8	ng/ul	510116	4	16.97	2133070	20.0
Octadecanoic acid	19.16	2.4	ng/ul	317854	5	21.17	2637320	20.0