LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012002.D
Acq On : 09 Oct 2017 06:28
Operator : SJ/JU
Sample : I5522-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

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-BM100317.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	7.010	660	667	680	rBV	268739	555034	6.00%	1.030%
2	7.175	689	695	706	rBV	162661	294796	3.19%	0.547%
3	7.381	723	730	742	rBV	258936	468718	5.07%	0.870%
4	7.846	803	809	820	rBV	742259	1329957	14.38%	2.468%
5	8.557	924	930	947	rBV	386022	732175	7.92%	1.359%
6	9.016	1002	1008	1016	rBV	250672	460679	4.98%	0.855%
7	9.740	1122	1131	1144	rBV	250460	482732	5.22%	0.896%
8	10.275	1214	1222	1235	rBV	460401	875605	9.47%	1.625%
9	10.651	1276	1286	1297	rBV	1171037	2058141	22.25%	3.819%
10	10.792	1303	1310	1332	rBV	336341	757304	8.19%	1.405%
11	13.898	1832	1838	1843	rBV	1059584	1517094	16.40%	2.815%
12	13.945	1843	1846	1855	rVB	342847	501333	5.42%	0.930%
13	14.186	1881	1887	1902	rBV	996553	1548508	16.74%	2.873%
14	14.498	1933	1940	1952	rBV2	1857449	3024041	32.69%	5.612%
15	14.704	1968	1975	1993	rBV2	141321	429314	4.64%	0.797%
16	15.486	2102	2108	2116	rBV	1448750	2152284	23.27%	3.994%
17	15.610	2123	2129	2140	rBV	260655	445589	4.82%	0.827%
18	17.239	2400	2406	2416	rBV2	2712643	3910710	42.28%	7.257%
19	17.339	2416	2423	2432	rVV	2167683	3200258	34.60%	5.939%
20	18.116	2550	2555	2565	rBV	460411	701508	7.58%	1.302%
21	19.257	2744	2749	2753	rBV2	80525	191929	2.07%	0.356%
22	19.392	2767	2772	2784	rBV	686402	1104585	11.94%	2.050%
23	19.627	2806	2812	2822	rBV	4644736	6590804	71.25%	12.230%
24	21.104	3060	3063	3072	rBV4	234623	300571	3.25%	0.558%
25	21.415	3110	3116	3125	rBV	4016609	5382794	58.19%	9.989%
26	23.586	3478	3485	3501	rVB2	4639189	9249977	100.00%	17.165%
27	23.733	3503	3510	3524	rVB	2772933	5623308	60.79%	10.435%

Sum of corrected areas: 53889748

LSC Report - Integrated Chromatogram

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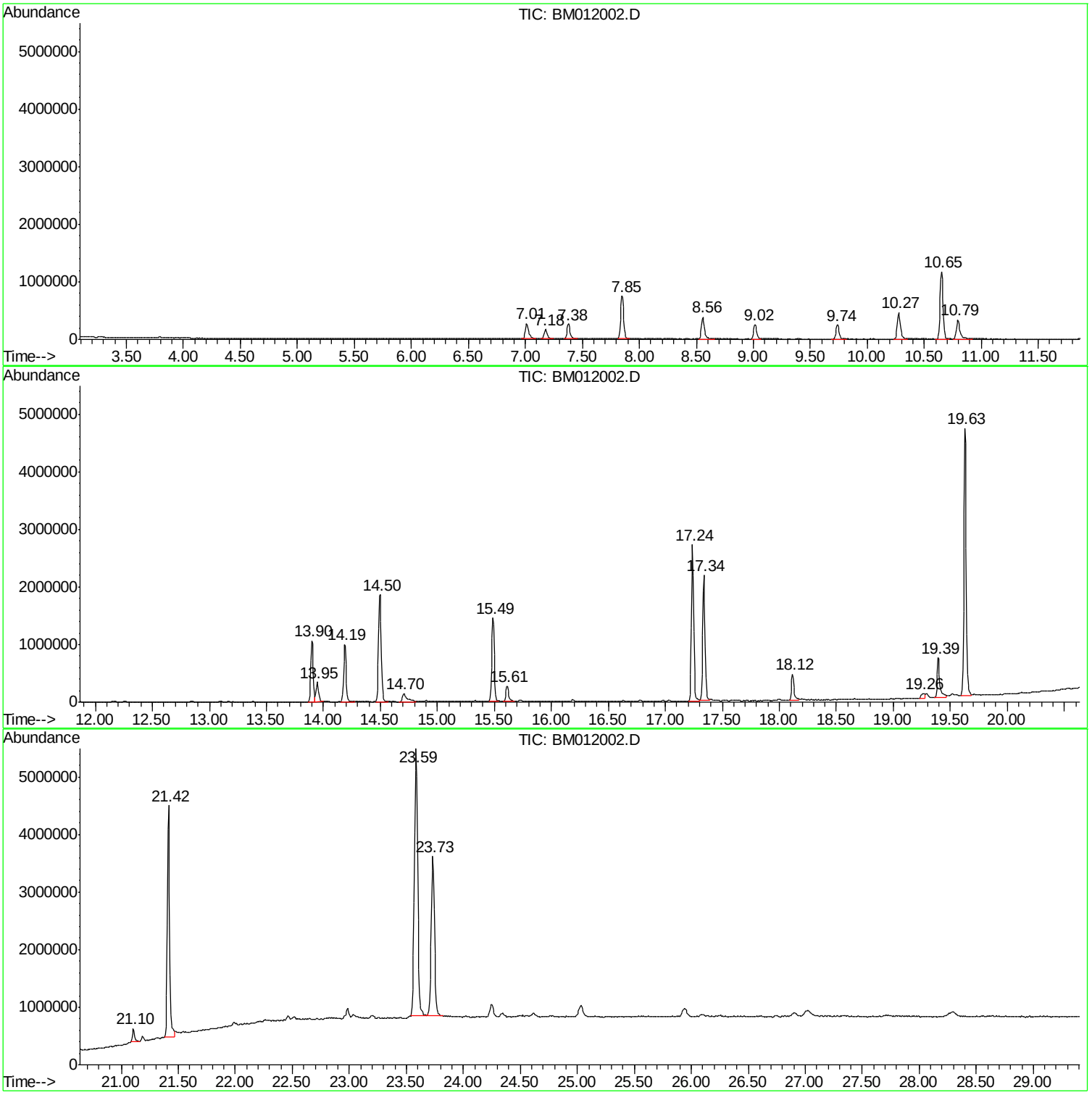
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012002.D
Acq On : 09 Oct 2017 06:28
Operator : SJ/JU
Sample : I5522-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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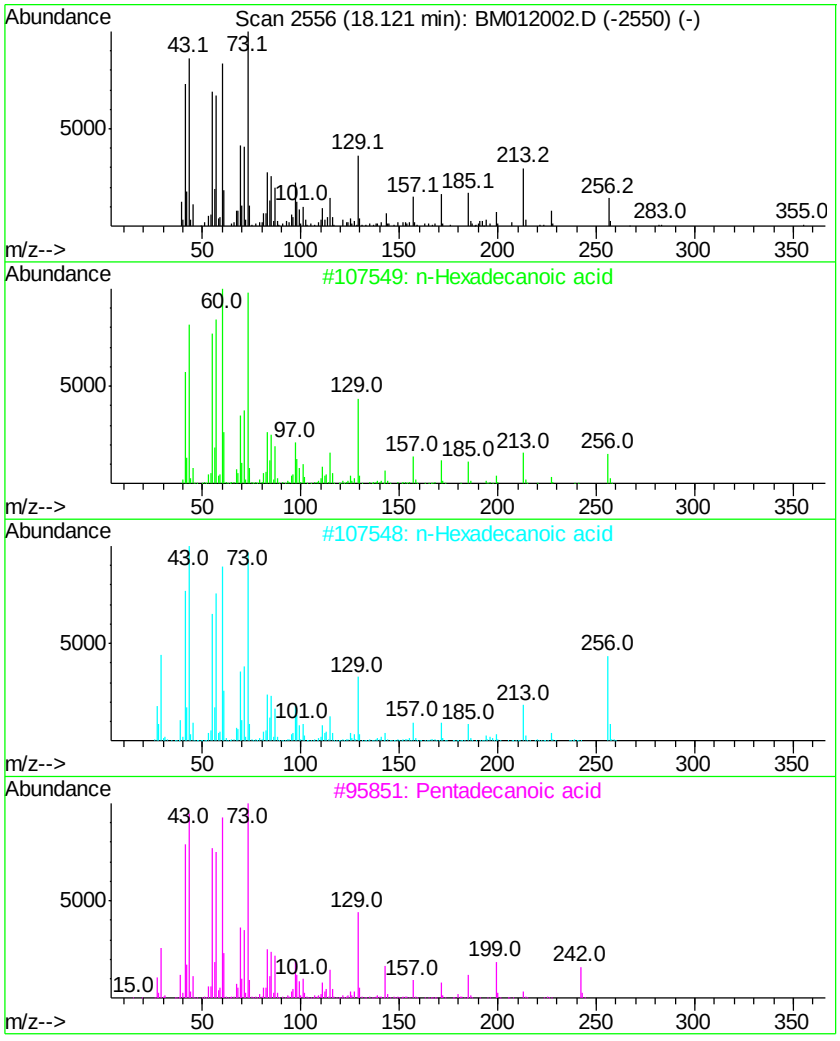
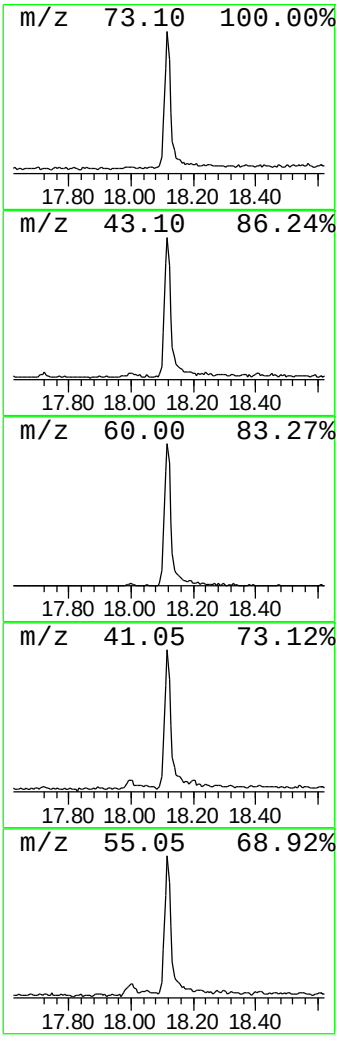
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.59 ng/ul	701508	Phenanthrene-d10	17.24

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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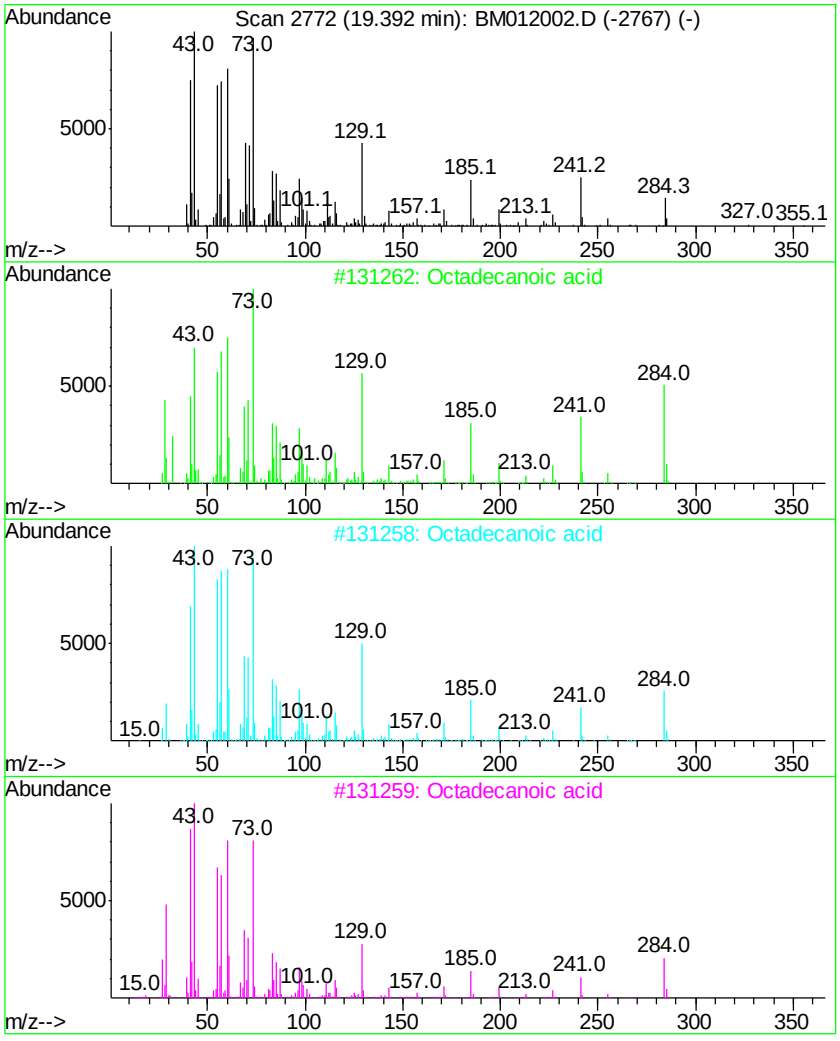
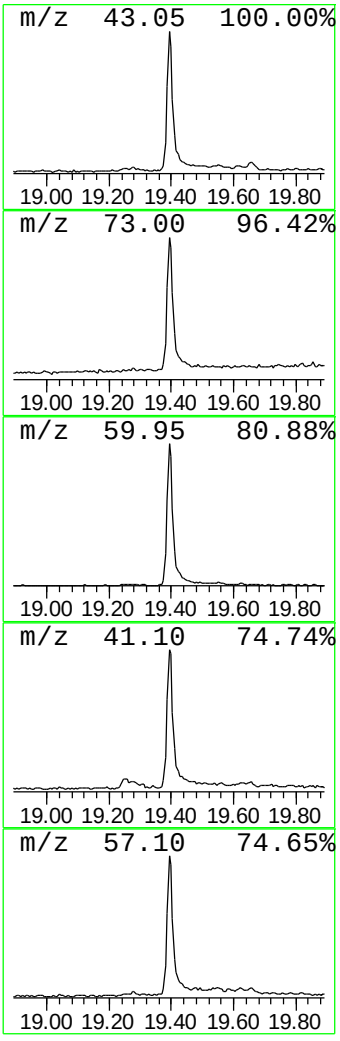
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	4.10 ng/ul	1104590	Chrysene-d12	21.42

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.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	18.12	3.6	ng/ul	701508	4	17.24	3910710	20.0
Octadecanoic acid	19.39	4.1	ng/ul	1104590	5	21.42	5382790	20.0