LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049532.D
Acq On : 30 Jan 2025 18:32
Operator : RC/JU
Sample : Q1180-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.810	137	140	142	rVB2	11411	11410	0.26%	0.065%
2	4.028	174	177	181	rVB2	21083	26178	0.59%	0.149%
3	4.428	240	245	248	rBV3	13152	20329	0.46%	0.116%
4	6.657	623	624	628	rBV4	4127	4433	0.10%	0.025%
5	6.716	631	634	640	rVB6	3383	4758	0.11%	0.027%
6	7.510	762	769	784	rVV	766775	1231595	27.93%	6.997%
7	7.740	806	808	812	rBV4	3682	5153	0.12%	0.029%
8	10.269	1228	1238	1251	rBV	962127	1661308	37.67%	9.439%
9	14.151	1890	1898	1909	rBV	1538174	2326260	52.75%	13.217%
10	14.239	1911	1913	1917	rVB5	6343	6192	0.14%	0.035%
11	14.616	1975	1977	1983	rVV6	4304	7624	0.17%	0.043%
12	15.180	2071	2073	2077	rVB4	4313	4417	0.10%	0.025%
13	16.357	2267	2273	2276	rVV6	3996	7159	0.16%	0.041%
14	16.551	2303	2306	2309	rBV5	2973	4770	0.11%	0.027%
15	16.698	2327	2331	2335	rVB2	10948	14062	0.32%	0.080%
16	16.910	2360	2367	2380	rBV2	1941690	2889509	65.52%	16.417%
17	17.004	2380	2383	2387	rBV3	6348	8932	0.20%	0.051%
18	17.598	2480	2484	2488	rBV6	8118	13230	0.30%	0.075%
19	17.833	2519	2524	2545	rBV	317598	746015	16.92%	4.239%
20	18.980	2716	2719	2721	rBV2	19938	24604	0.56%	0.140%
21	19.127	2739	2744	2757	rBV2	194404	453576	10.29%	2.577%
22	21.139	3081	3086	3092	rBV	2773667	3719291	84.34%	21.131%
23	23.921	3552	3559	3573	rVB	1735946	4410045	100.00%	25.056%

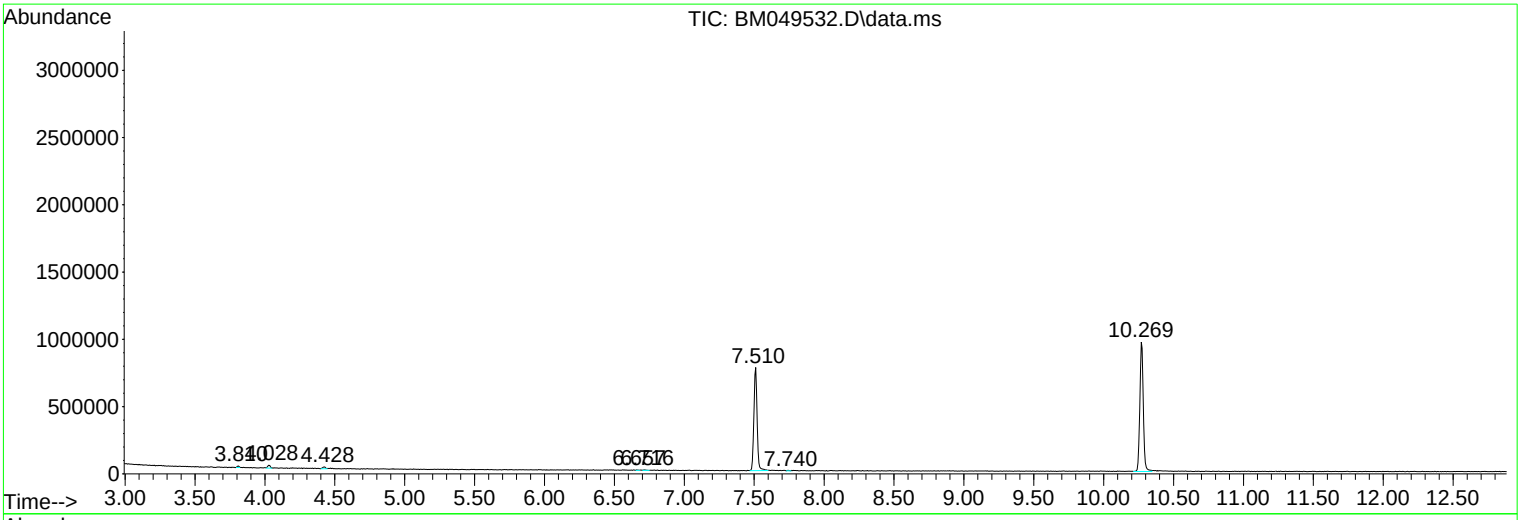
Sum of corrected areas: 17600850

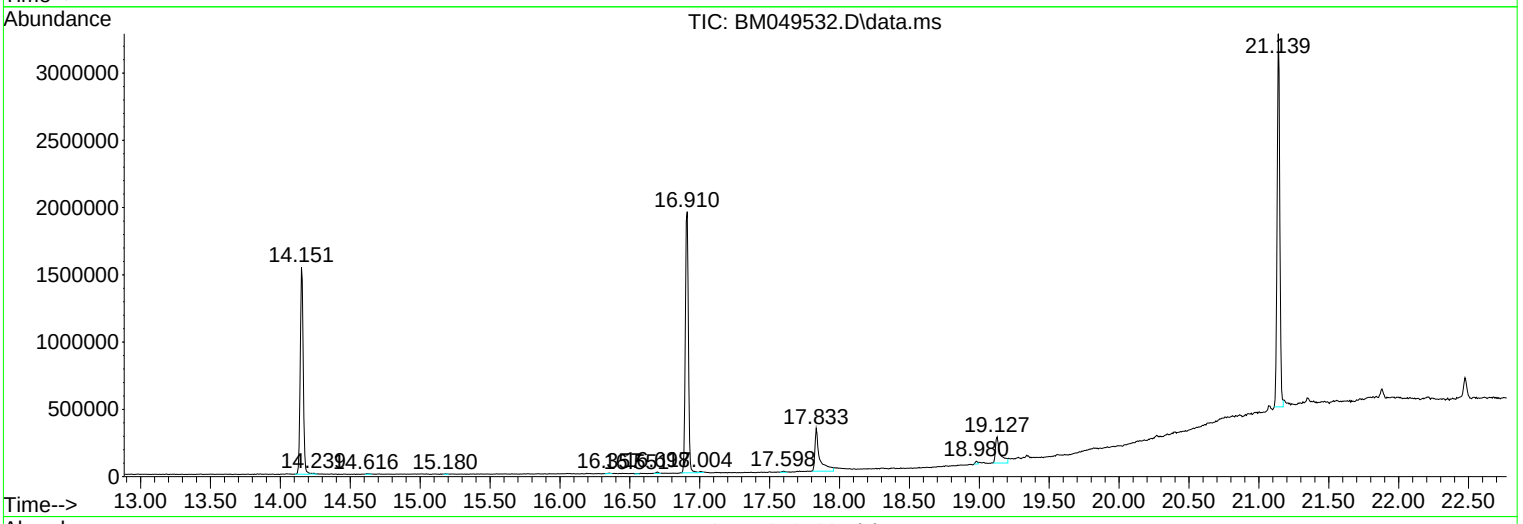
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049532.D
Acq On : 30 Jan 2025 18:32
Operator : RC/JU
Sample : Q1180-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

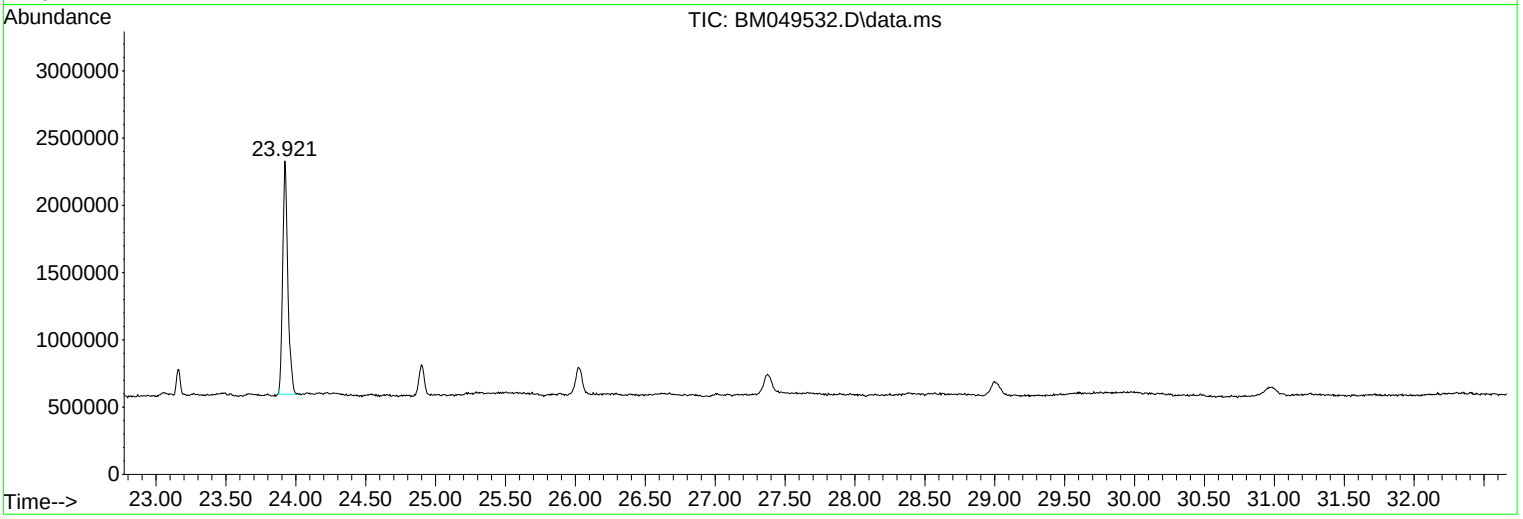
Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049532.D
Acq On : 30 Jan 2025 18:32
Operator : RC/JU
Sample : Q1180-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

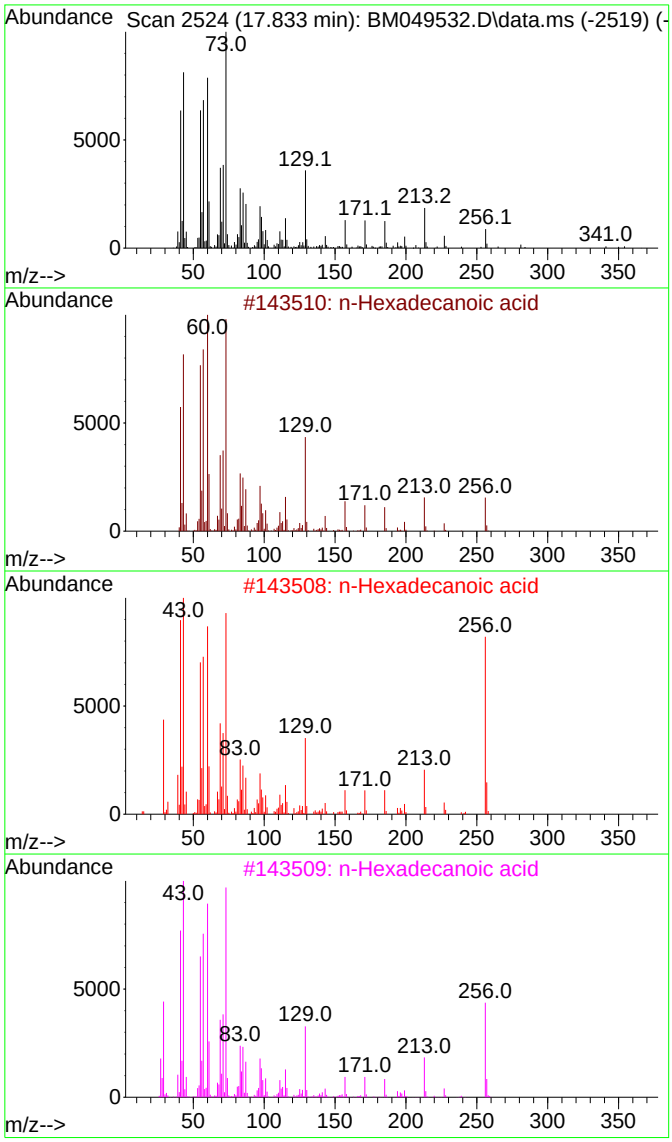
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

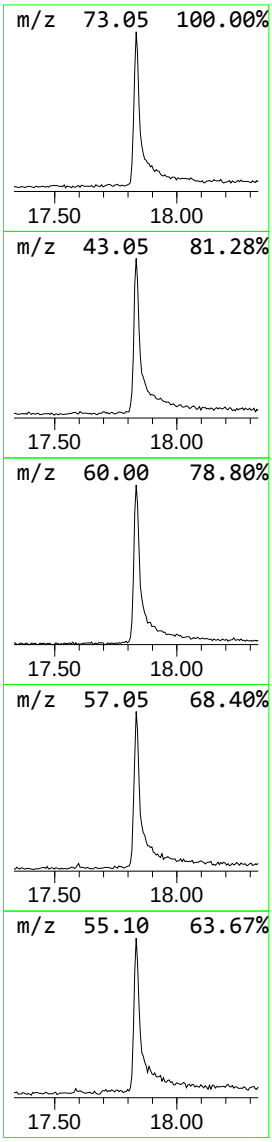
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	5.16 ng/ul	746015	Phenanthrene-d10	16.910

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049532.D
Acq On : 30 Jan 2025 18:32
Operator : RC/JU
Sample : Q1180-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

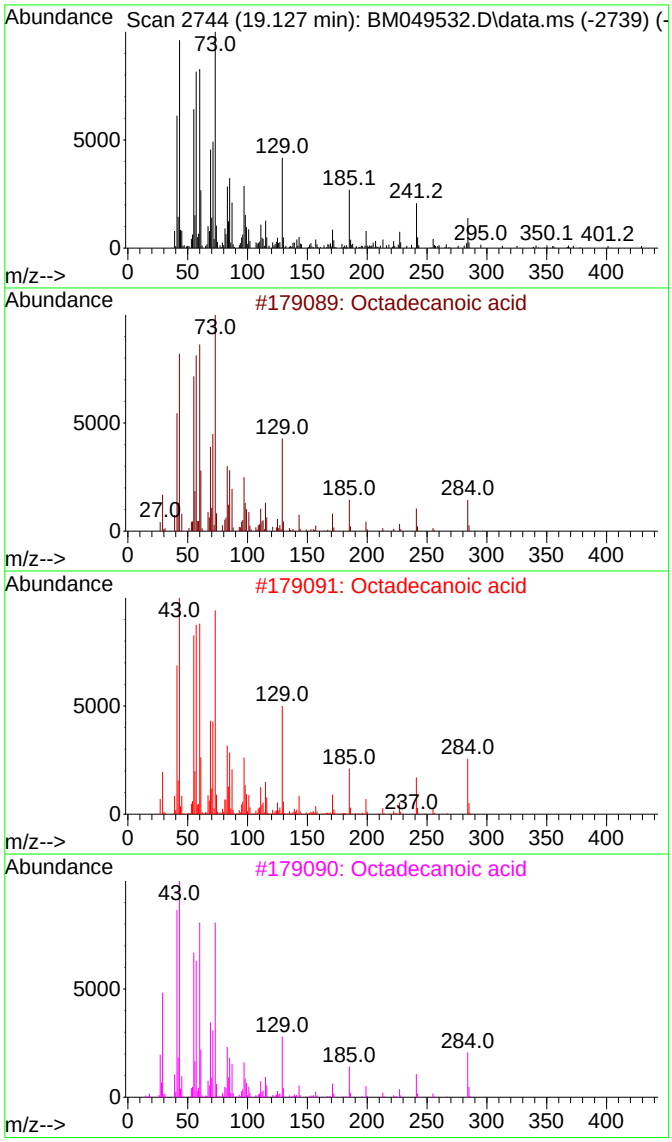
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

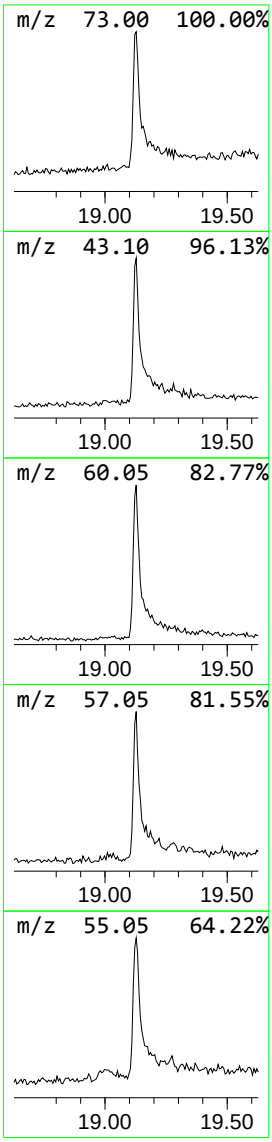
****

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	2.44 ng/ul	453576	Chrysene-d12	21.139

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049532.D
Acq On : 30 Jan 2025 18:32
Operator : RC/JU
Sample : Q1180-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.833	5.2	ng/ul	746015	4	16.910	2889510	20.0
Octadecanoic acid	19.127	2.4	ng/ul	453576	5	21.139	3719290	20.0