LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042550.D
Acq On : 01 Nov 2023 21:25
Operator : MA/JU
Sample : 05162-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042550.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	381	387	394	rBV	173015	265253	30.91%	4.562%
2	7.092	657	664	675	rBV	161637	270835	31.56%	4.658%
3	7.922	799	805	817	rBV	287781	461946	53.83%	7.944%
4	9.122	1003	1009	1024	rBV	96104	169939	19.80%	2.922%
5	10.745	1277	1285	1292	rBV	356050	591152	68.89%	10.166%
6	13.192	1695	1701	1708	rBV	219051	310839	36.22%	5.346%
7	13.416	1734	1739	1746	rVB4	12809	21449	2.50%	0.369%
8	14.574	1930	1936	1943	rBV	516320	739592	86.19%	12.719%
9	15.627	2108	2115	2122	rBV3	6578	15981	1.86%	0.275%
10	16.068	2183	2190	2201	rBV	196911	290446	33.85%	4.995%
11	16.215	2211	2215	2223	rBV4	15721	28366	3.31%	0.488%
12	17.009	2346	2350	2353	rVB3	12894	15080	1.76%	0.259%
13	17.327	2398	2404	2409	rBV	623756	858132	100.00%	14.758%
14	17.368	2409	2411	2416	rVB	41594	52408	6.11%	0.901%
15	17.462	2423	2427	2431	rBV	11442	18500	2.16%	0.318%
16	18.174	2544	2548	2557	rBV3	86174	157037	18.30%	2.701%
17	18.439	2590	2593	2599	rBV3	20436	28629	3.34%	0.492%
18	19.386	2751	2754	2758	rVB	71645	88997	10.37%	1.531%
19	19.456	2762	2766	2770	rBV2	77443	116744	13.60%	2.008%
20	19.750	2813	2816	2820	rVB	72170	81169	9.46%	1.396%
21	19.939	2844	2848	2855	rBV	323539	424172	49.43%	7.295%
22	21.509	3112	3115	3120	rVB	648661	808220	94.18%	13.899%

Sum of corrected areas: 5814886

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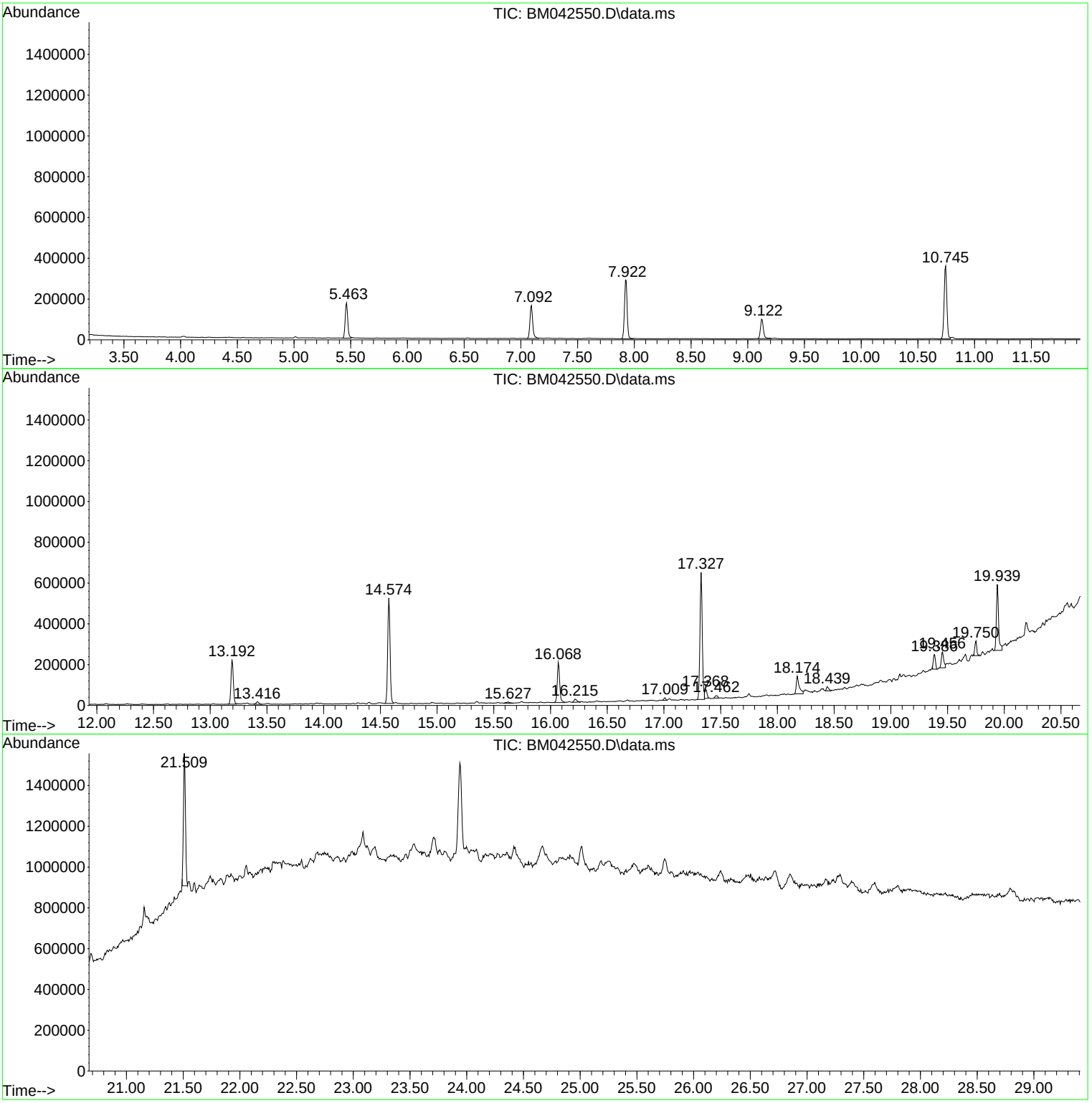
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\Database\NIST20.L
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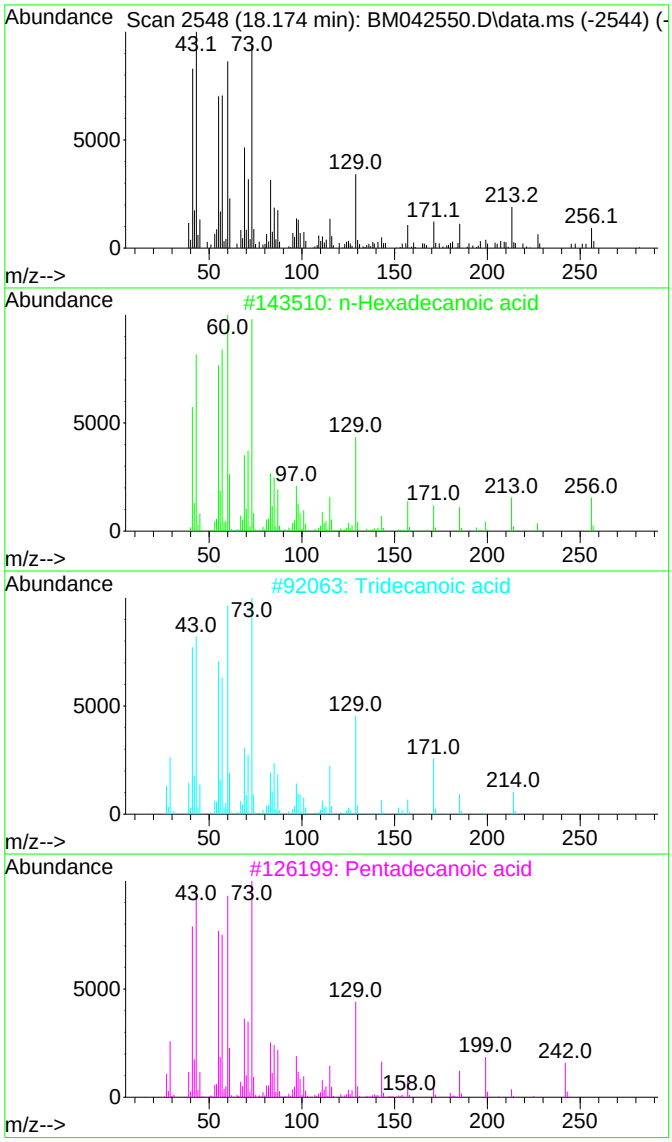
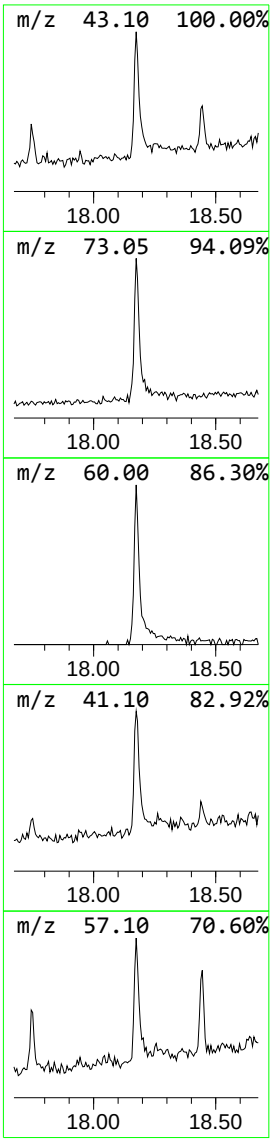
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	3.66 ng	157037	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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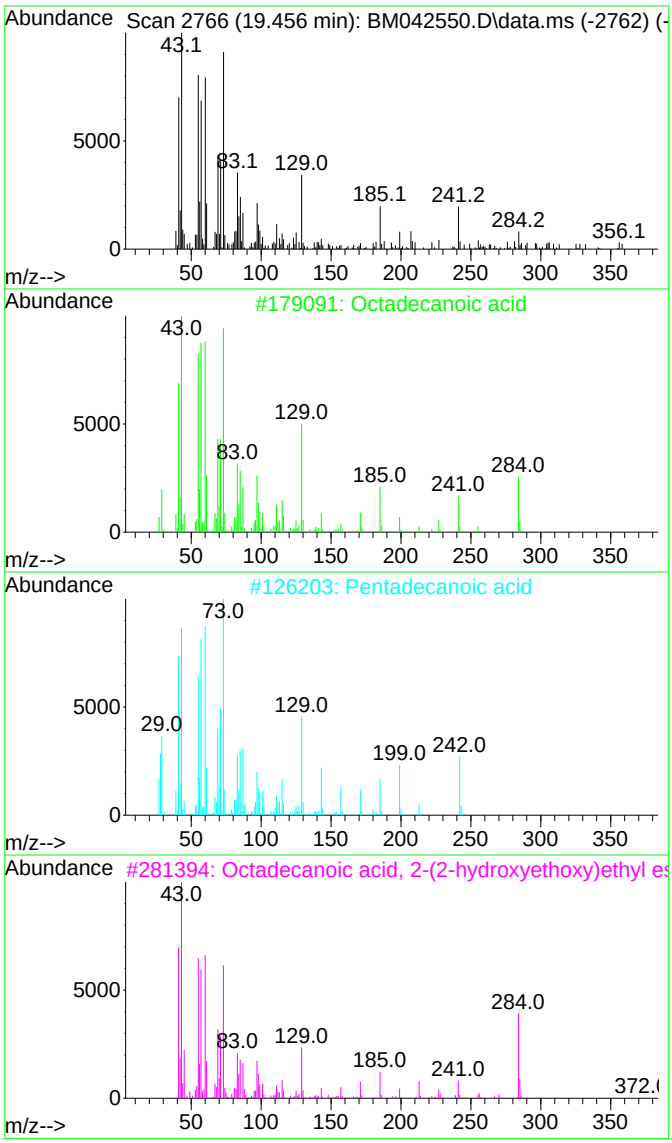
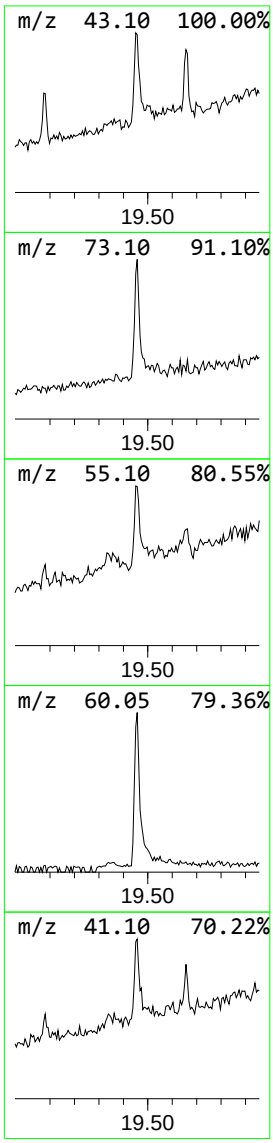
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.456	2.89 ng	116744	Chrysene-d12	21.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 ...	18.174	3.7	ng	157037	4	17.327	858132	20.0
Octadecanoic acid	19.456	2.9	ng	116744	5	21.509	808220	20.0