LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042586.D
Acq On : 04 Nov 2023 11:29
Operator : MA/JU
Sample : PB156852BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB156852BL

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: BM042586.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	304	309	315	rVB	49062	66498	1.80%	0.358%
2	5.451	378	385	405	rBV	1528406	2115043	57.29%	11.385%
3	7.081	654	662	679	rBV	1415544	2190254	59.33%	11.790%
4	7.916	797	804	815	rVB	250616	396238	10.73%	2.133%
5	9.116	1000	1008	1024	rBV	862022	1400665	37.94%	7.539%
6	10.733	1276	1283	1294	rBV	294178	494900	13.41%	2.664%
7	13.186	1693	1700	1714	rBV	2182291	2983060	80.81%	16.057%
8	14.563	1928	1934	1945	rBV	432761	640785	17.36%	3.449%
9	16.062	2182	2189	2202	rBV	1805199	2404770	65.14%	12.944%
10	17.321	2396	2403	2413	rBV	488759	705562	19.11%	3.798%
11	18.168	2540	2547	2560	rBV	92478	193962	5.25%	1.044%
12	19.445	2760	2764	2776	rBV4	36661	84254	2.28%	0.454%
13	19.933	2841	2847	2857	rBV	3253656	3691531	100.00%	19.871%
14	21.497	3109	3113	3123	rBV2	453270	648354	17.56%	3.490%
15	23.915	3519	3524	3534	rVB	285709	561890	15.22%	3.025%

Sum of corrected areas: 18577766

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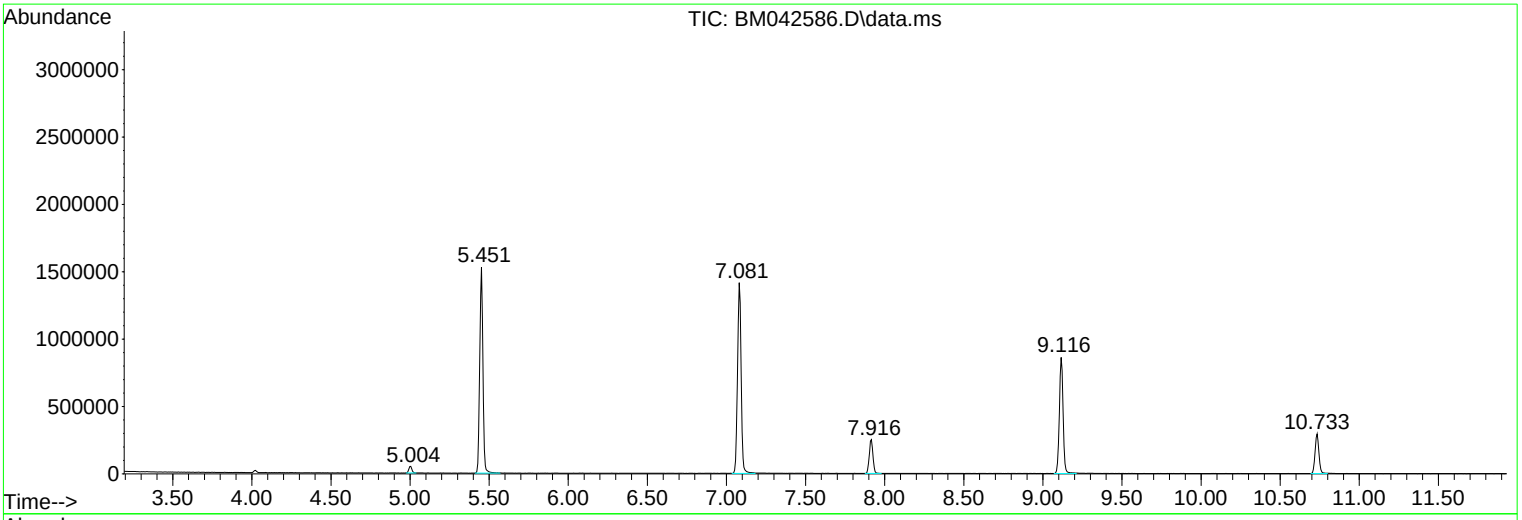
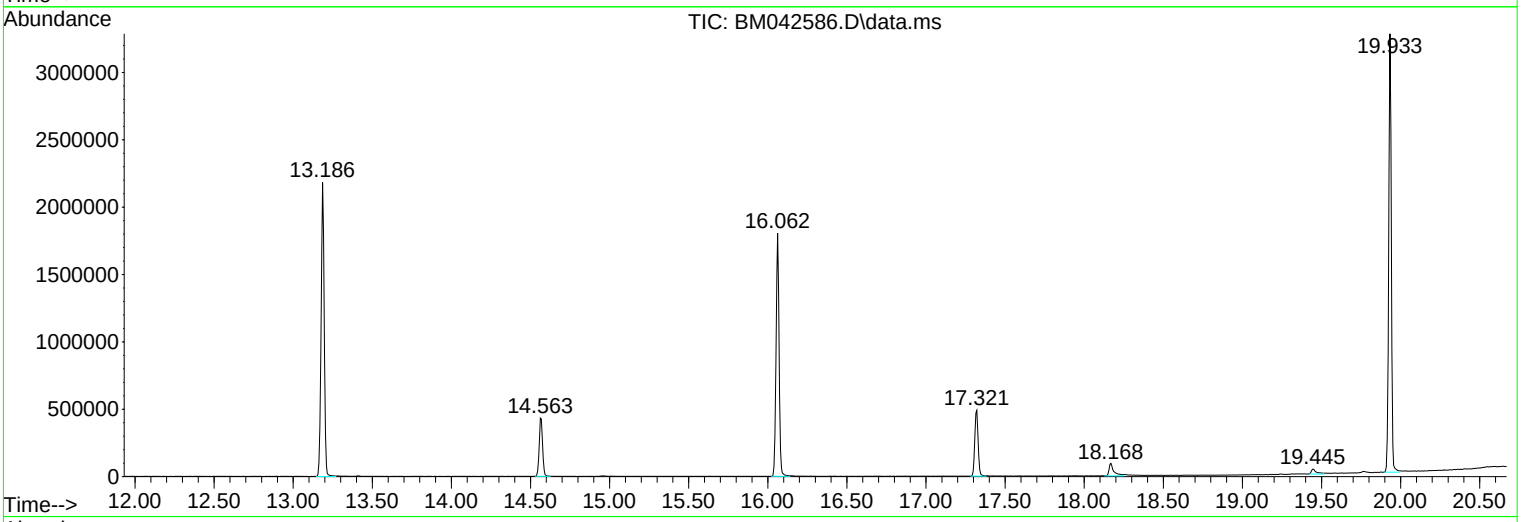
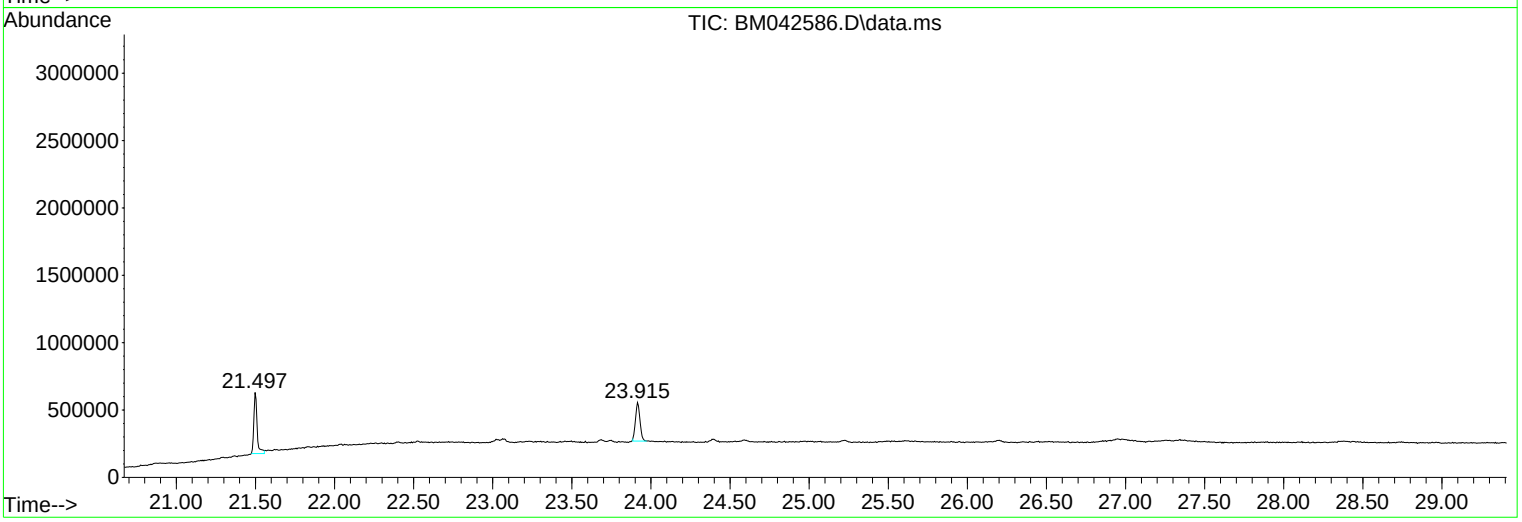
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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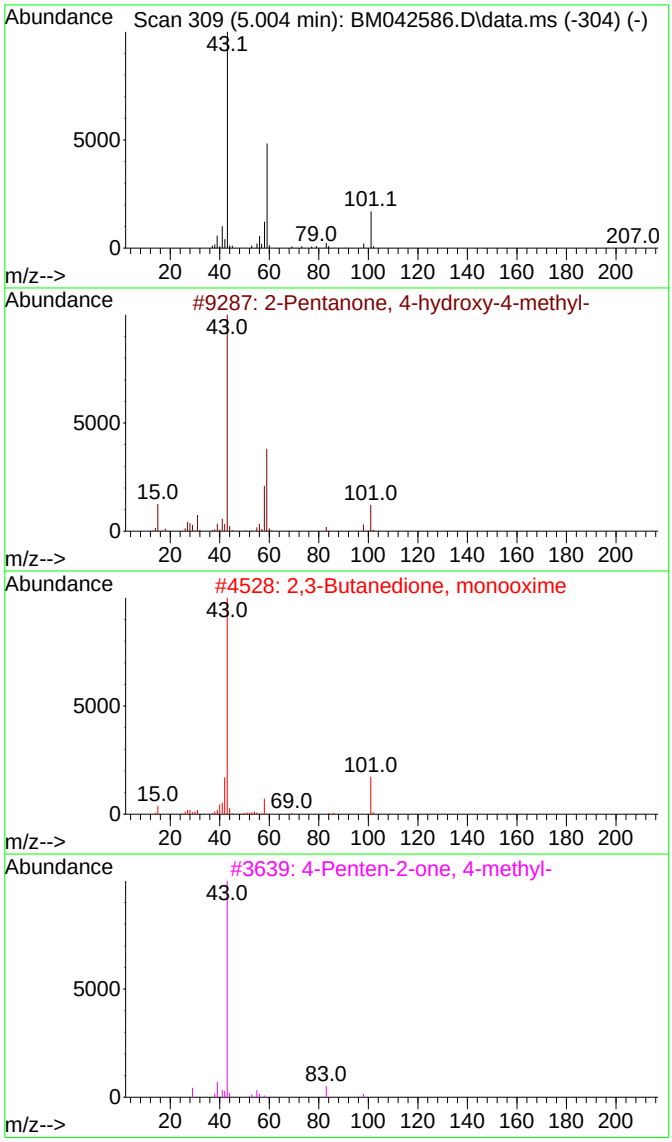
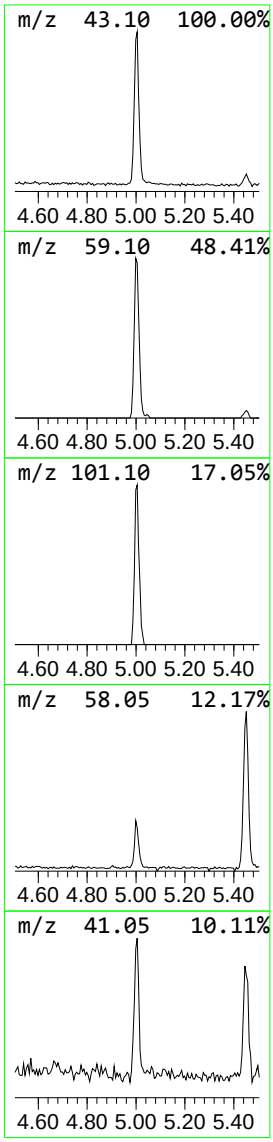
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	3.36 ng	66498	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	3-Nonyl acetate	186	C11H22O2	1010429-16-2	9





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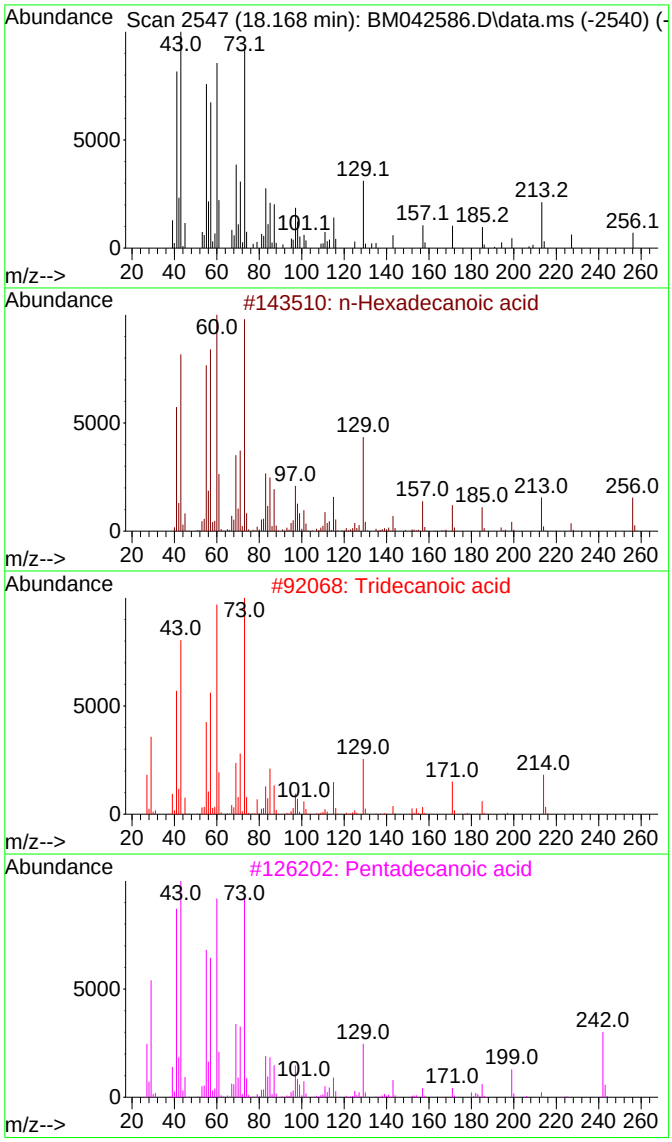
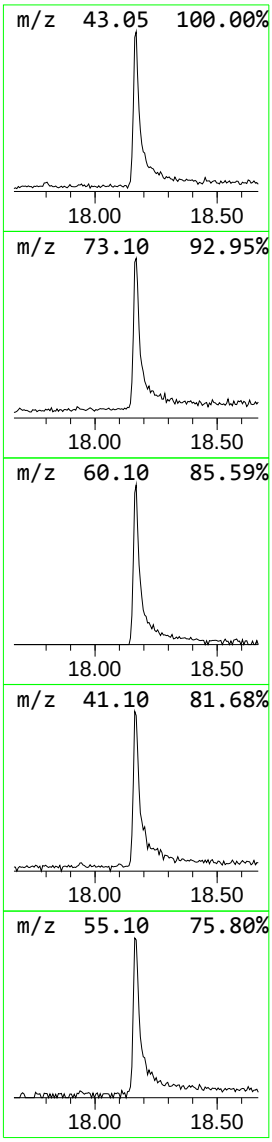
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	5.50 ng	193962	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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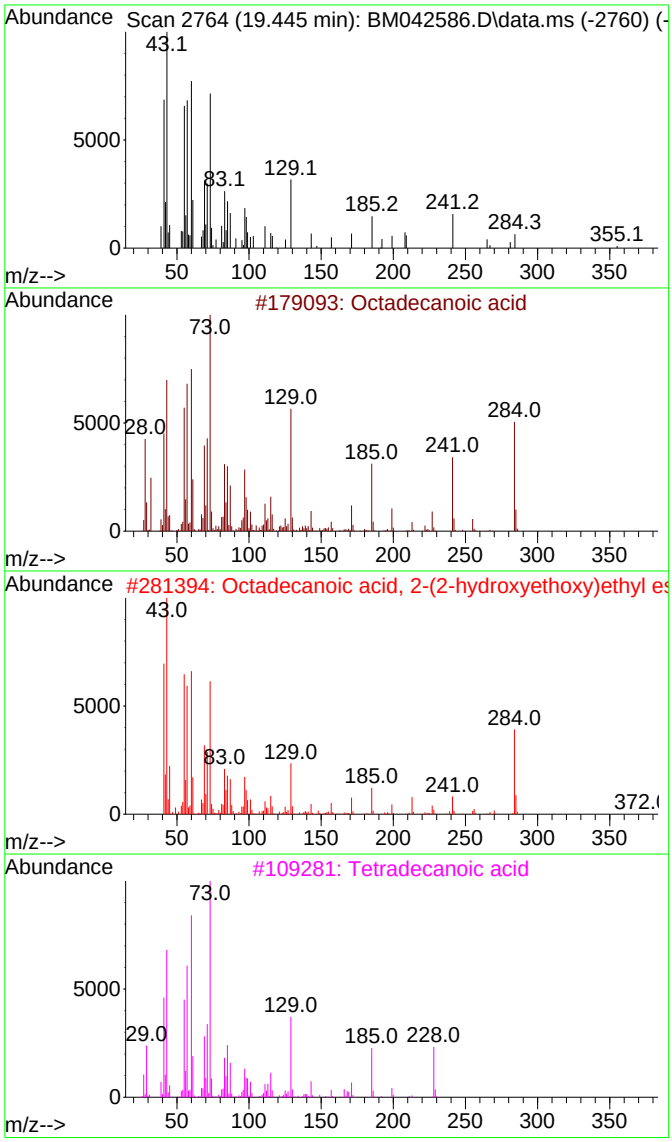
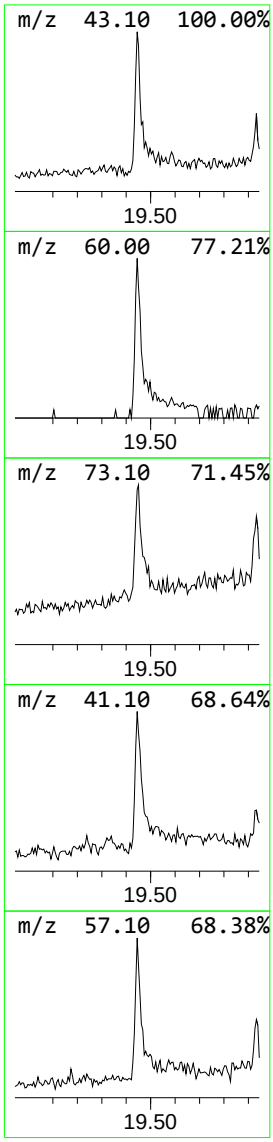
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.60 ng	84254	Chrysene-d12	21.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.004	3.4	ng	66498	1	7.916	396238	20.0
n-Hexadecanoic ...	18.168	5.5	ng	193962	4	17.321	705562	20.0
Octadecanoic acid	19.445	2.6	ng	84254	5	21.497	648354	20.0