

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041285.D
 Acq On : 04 Aug 2023 09:18
 Operator : MA/JU
 Sample : PB154620BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154620BL

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-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041285.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	363	370	384	rBV	3367864	4754210	43.70%	9.745%
2	6.981	636	645	656	rBV	3158044	4984082	45.81%	10.216%
3	7.792	776	783	792	rBV	545935	859300	7.90%	1.761%
4	8.969	974	983	1000	rBV	1951014	3189627	29.32%	6.538%
5	10.598	1252	1260	1281	rBV	731047	1235091	11.35%	2.532%
6	13.074	1674	1681	1697	rBV	5321755	7814001	71.82%	16.017%
7	14.457	1910	1916	1929	rVB	1128210	1711530	15.73%	3.508%
8	15.962	2165	2172	2193	rBV	4591369	6482018	59.58%	13.287%
9	17.221	2380	2386	2397	rBV	1529621	2064924	18.98%	4.233%
10	18.121	2533	2539	2566	rBV	489190	1073960	9.87%	2.201%
11	19.403	2753	2757	2767	rBV	257587	455465	4.19%	0.934%
12	19.862	2829	2835	2840	rBV	8788855	10880411	100.00%	22.302%
13	21.427	3097	3101	3107	rBV	1445532	1714659	15.76%	3.515%
14	23.803	3500	3505	3514	rVB	794594	1566596	14.40%	3.211%

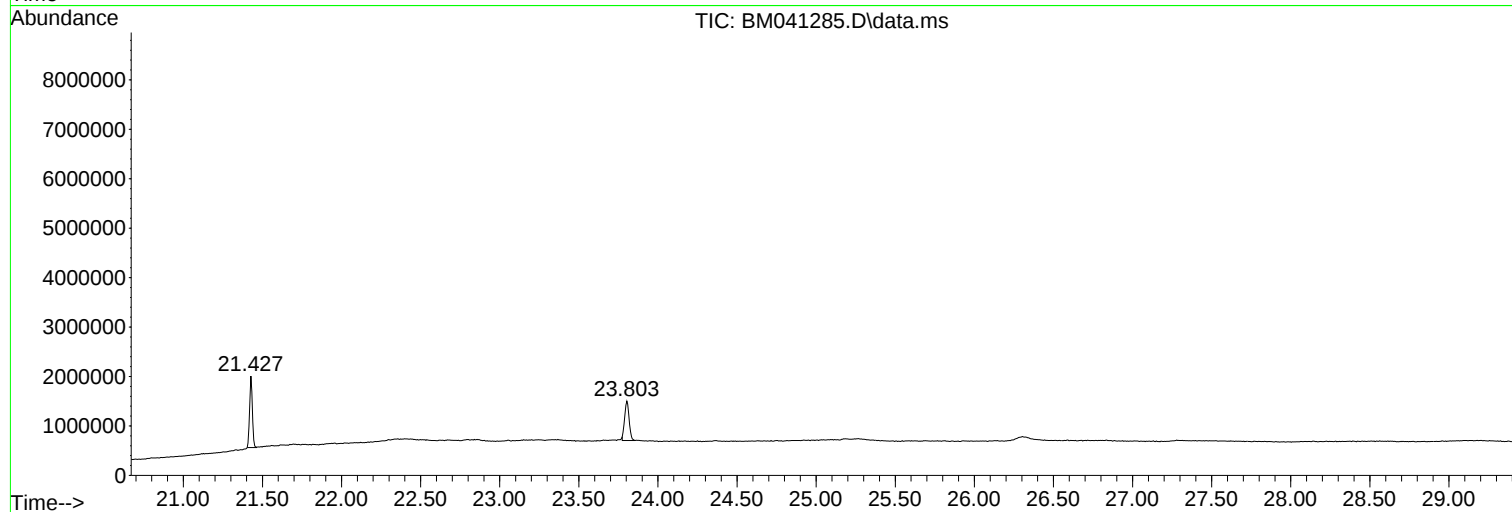
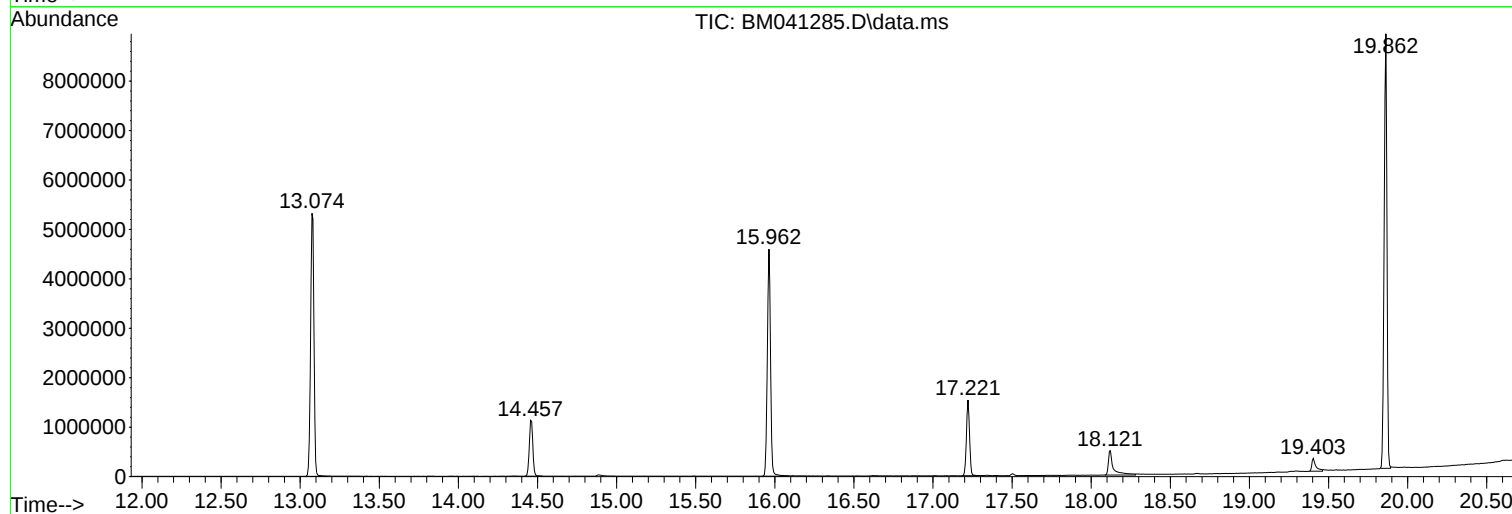
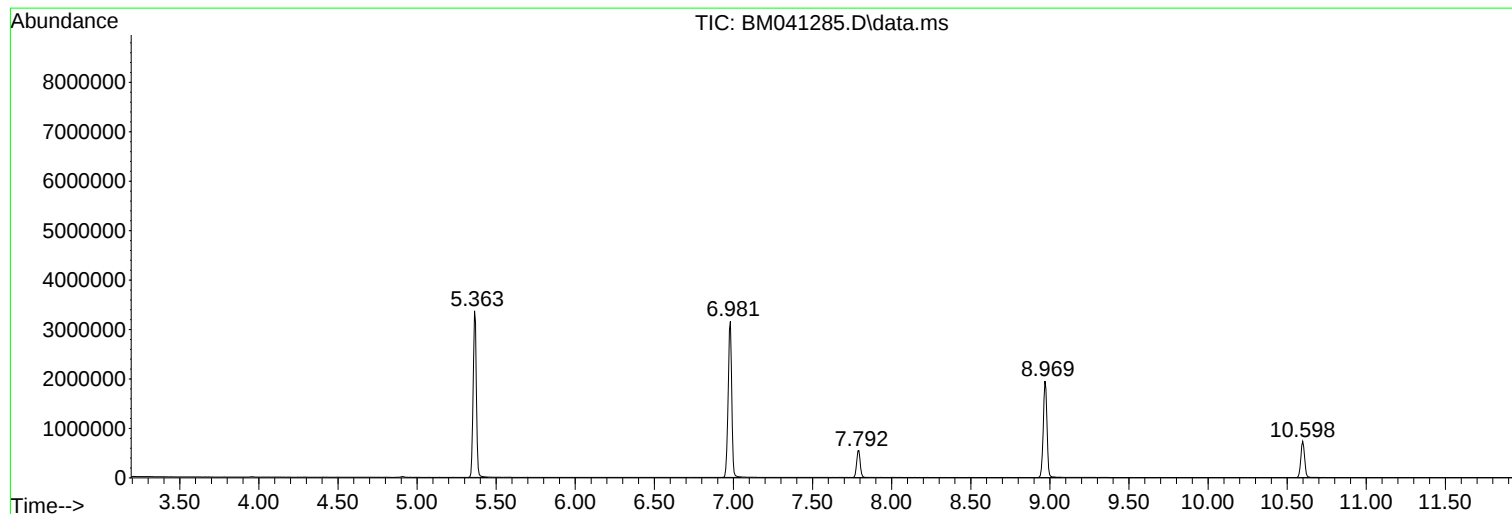
Sum of corrected areas: 48785874

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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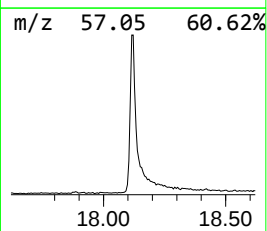
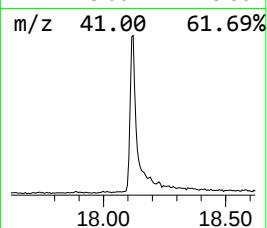
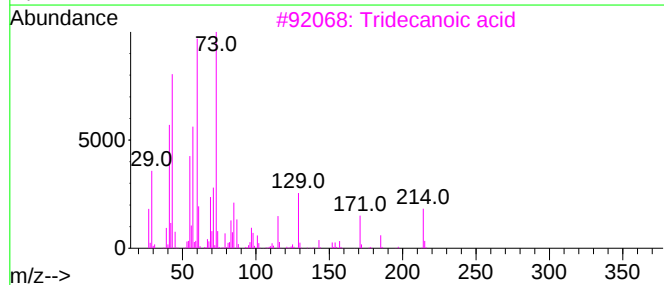
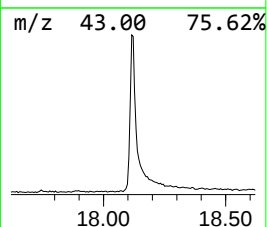
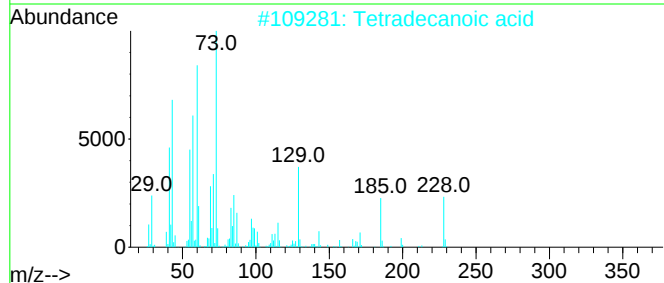
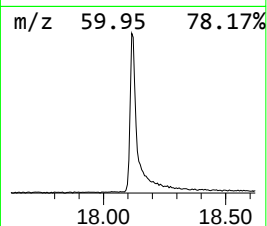
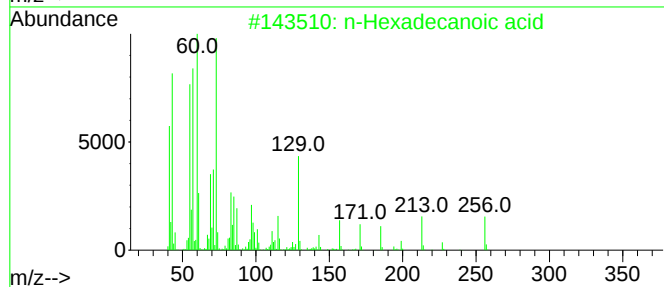
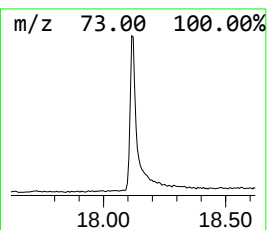
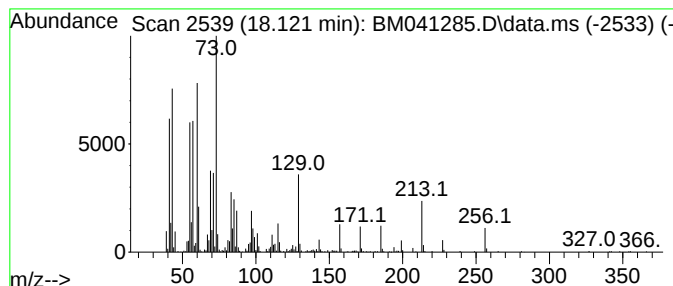
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	10.40 ng	1073960	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



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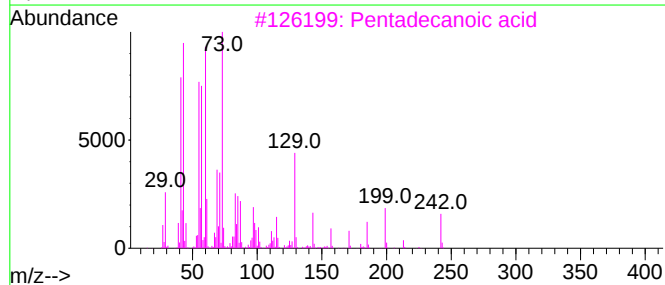
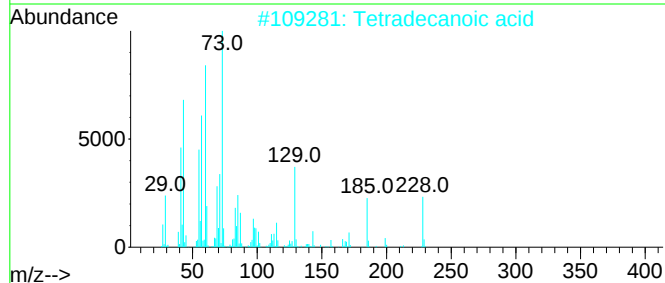
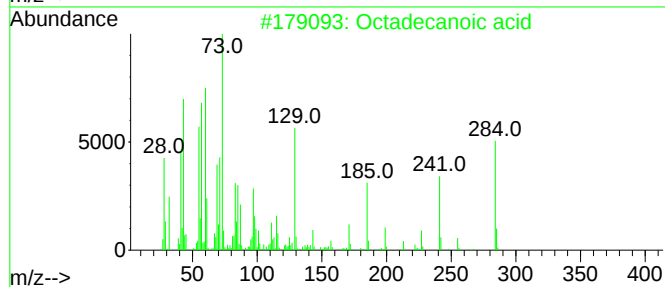
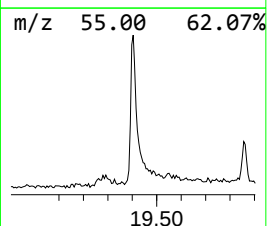
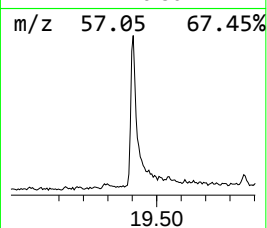
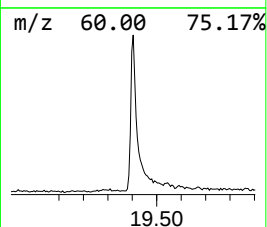
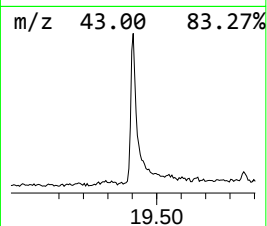
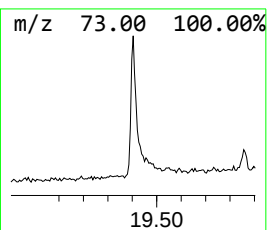
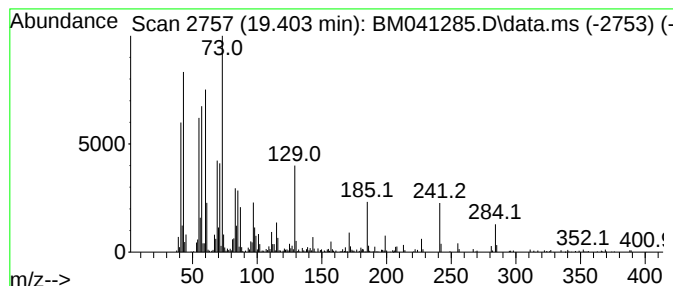
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.403	5.31 ng	455465	Chrysene-d12	21.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			Docosanoic acid	340	C22H44O2	000112-85-6	78
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.121	10.4	ng	1073960	4	17.221	2064920	20.0
Octadecanoic acid	19.403	5.3	ng	455465	5	21.427	1714660	20.0