

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041263.D
 Acq On : 03 Aug 2023 15:51
 Operator : MA/JU
 Sample : PB154558BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154558BL

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: BM041263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	365	371	384	rBV	3465567	4796324	53.75%	10.932%
2	6.981	637	645	658	rBV	3132331	4861571	54.48%	11.080%
3	7.793	777	783	796	rBV	584167	924737	10.36%	2.108%
4	8.975	976	984	1001	rBV	1921039	3115016	34.91%	7.100%
5	10.604	1253	1261	1275	rBV	763512	1272094	14.26%	2.899%
6	13.080	1675	1682	1698	rBV	4999583	7045335	78.95%	16.058%
7	14.463	1910	1917	1928	rVV	1142260	1631337	18.28%	3.718%
8	15.963	2165	2172	2194	rBV	3890037	5468160	61.28%	12.463%
9	17.221	2380	2386	2400	rBV	1300532	1855590	20.79%	4.229%
10	18.121	2534	2539	2551	rBV	355113	607644	6.81%	1.385%
11	19.404	2753	2757	2767	rBV	158606	293109	3.28%	0.668%
12	19.862	2829	2835	2849	rBV	7419913	8923418	100.00%	20.338%
13	21.427	3096	3101	3107	rBV	1339771	1596923	17.90%	3.640%
14	23.797	3499	3504	3515	rVB	762478	1483989	16.63%	3.382%

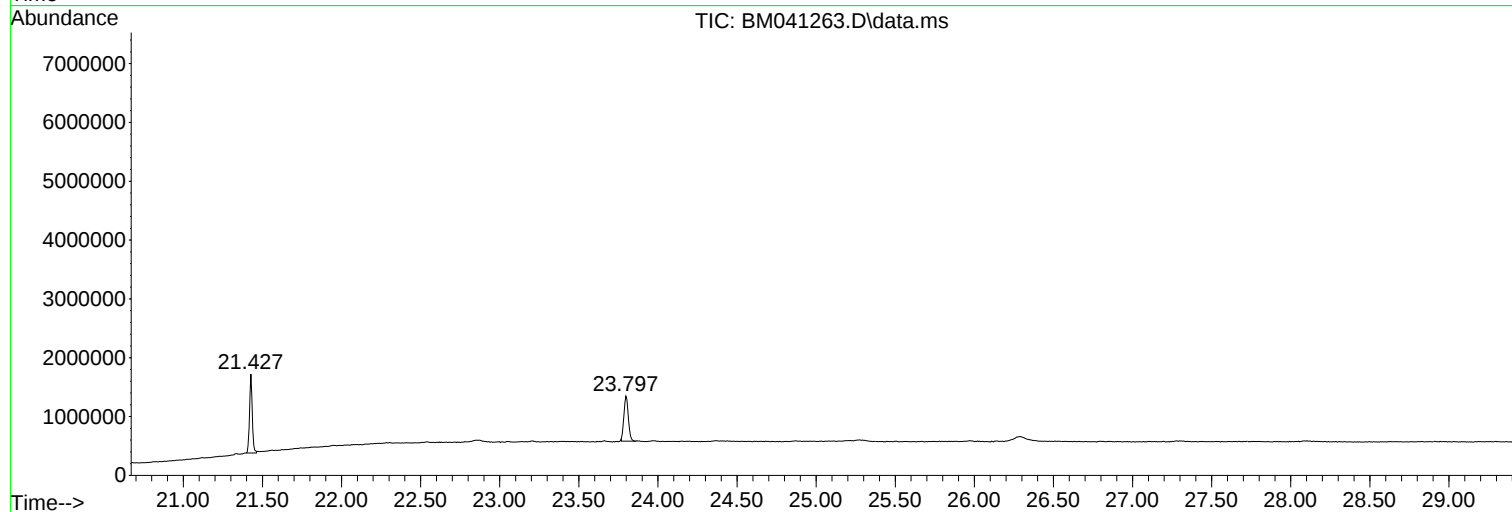
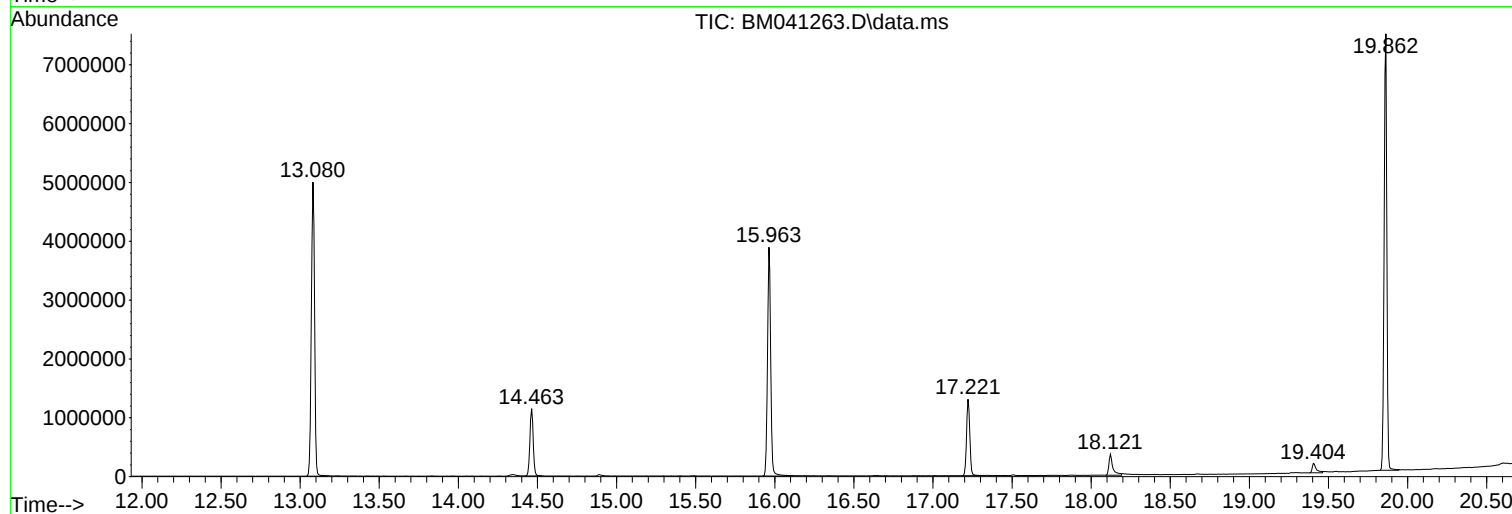
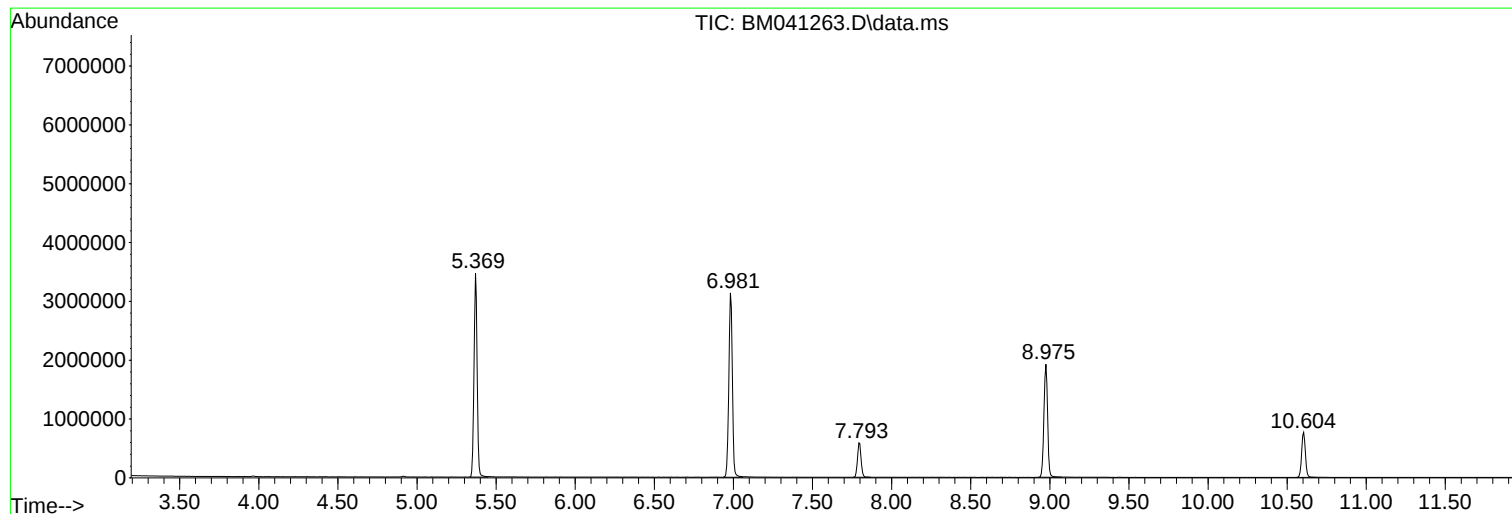
Sum of corrected areas: 43875247

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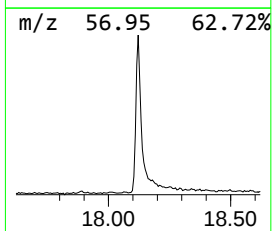
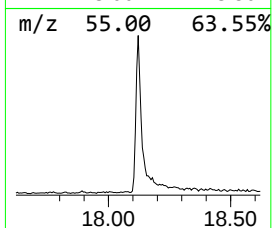
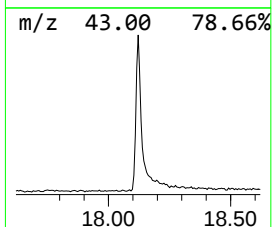
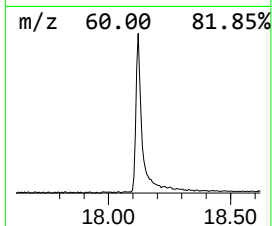
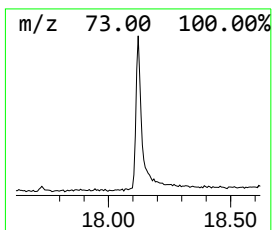
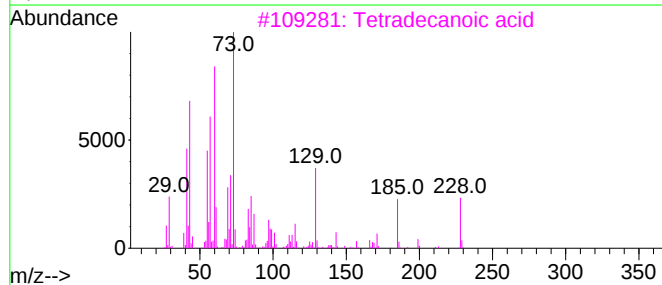
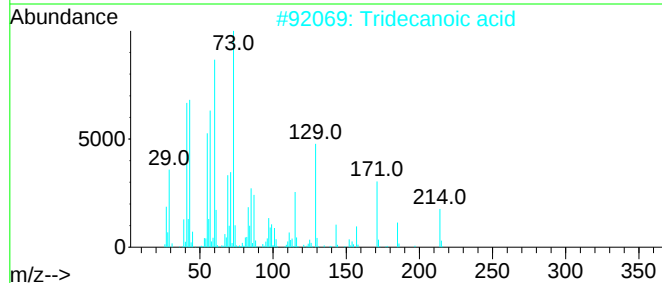
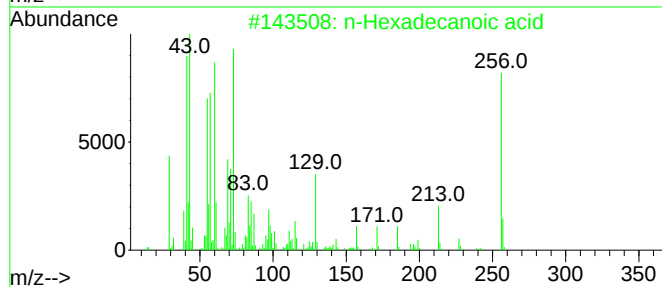
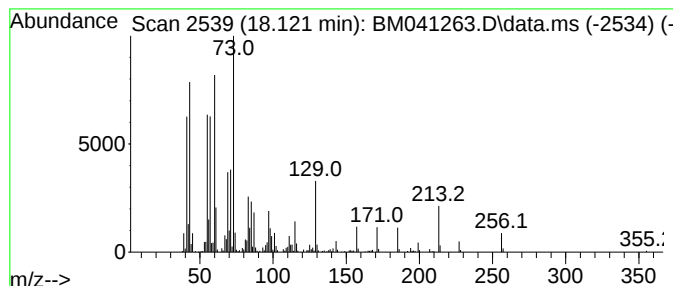
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	6.55 ng	607644	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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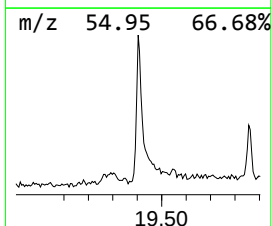
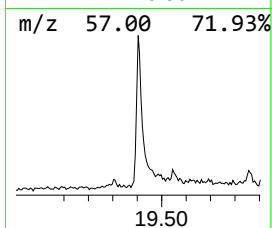
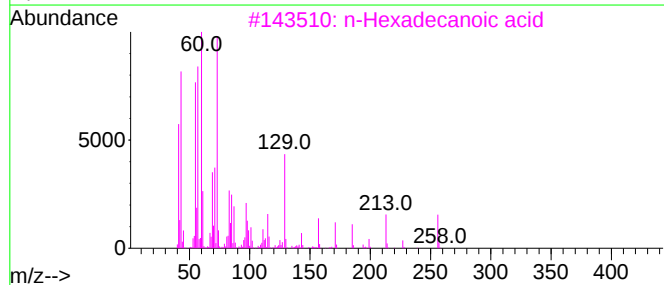
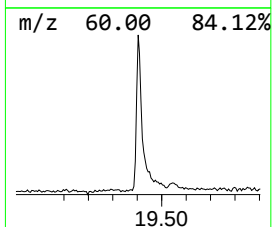
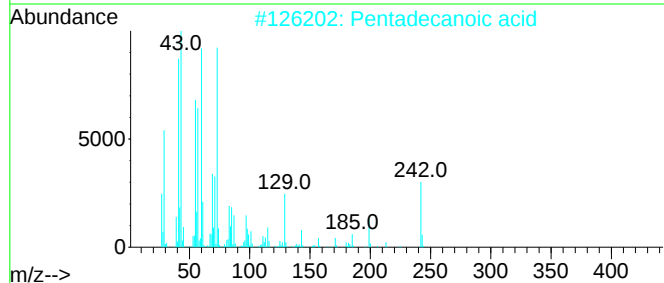
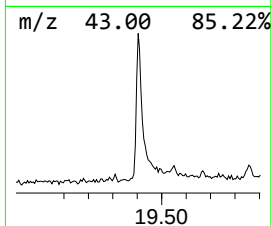
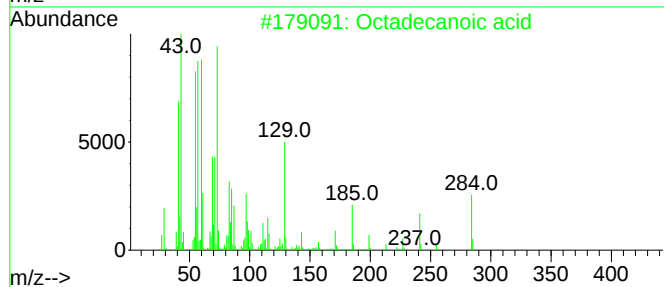
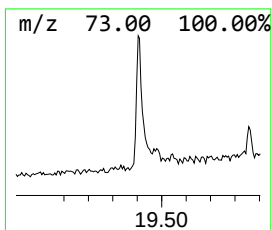
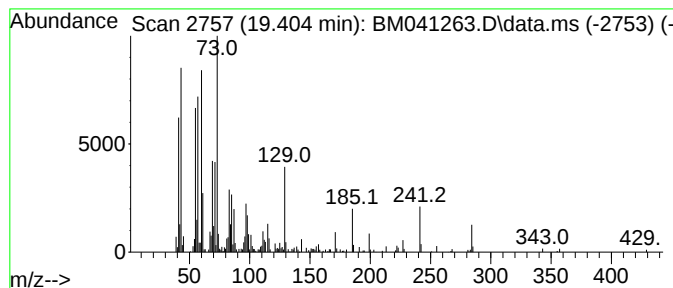
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	3.67 ng	293109	Chrysene-d12	21.427

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			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.121	6.5	ng	607644	4	17.221	1855590	20.0
Octadecanoic acid	19.404	3.7	ng	293109	5	21.427	1596920	20.0