

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042691.D
 Acq On : 10 Nov 2023 14:58
 Operator : MA/JU
 Sample : 05280-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-1-GW

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: BM042691.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	401	406	423	rBV	337410	571095	10.24%	3.207%
2	7.011	677	684	705	rBV	170353	370994	6.65%	2.083%
3	7.846	819	826	838	rBV	156713	281761	5.05%	1.582%
4	9.046	1023	1030	1054	rBV	623115	1160417	20.80%	6.517%
5	10.663	1298	1305	1311	rBV	209893	374729	6.72%	2.104%
6	13.122	1716	1723	1743	rBV	2042480	2912147	52.20%	16.354%
7	14.498	1951	1957	1967	rBV	408426	604620	10.84%	3.395%
8	15.998	2204	2212	2231	rBV	2164090	3021433	54.16%	16.968%
9	17.251	2419	2425	2438	rBV	516733	798999	14.32%	4.487%
10	18.110	2566	2571	2579	rBV	87472	158518	2.84%	0.890%
11	19.333	2773	2779	2783	rVB2	52557	75071	1.35%	0.422%
12	19.392	2784	2789	2799	rBV	69562	132390	2.37%	0.743%
13	19.874	2865	2871	2889	rBV	4893449	5578891	100.00%	31.330%
14	21.439	3132	3137	3149	rBV	674328	950003	17.03%	5.335%
15	23.809	3534	3540	3550	rBV	390341	815987	14.63%	4.582%

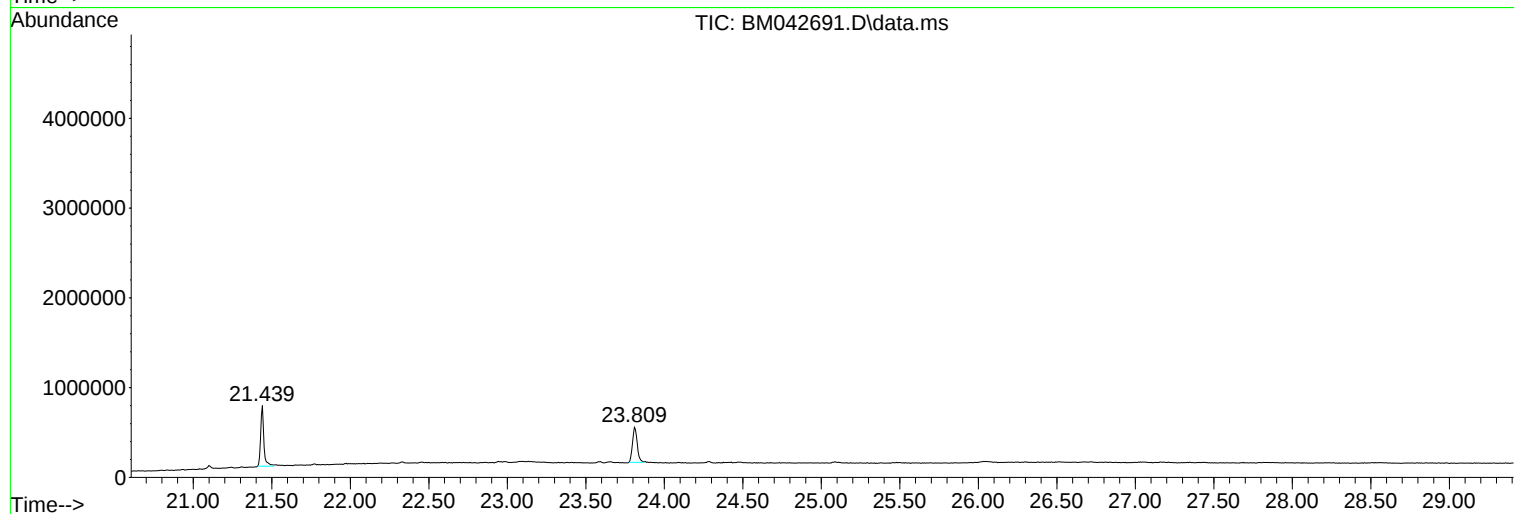
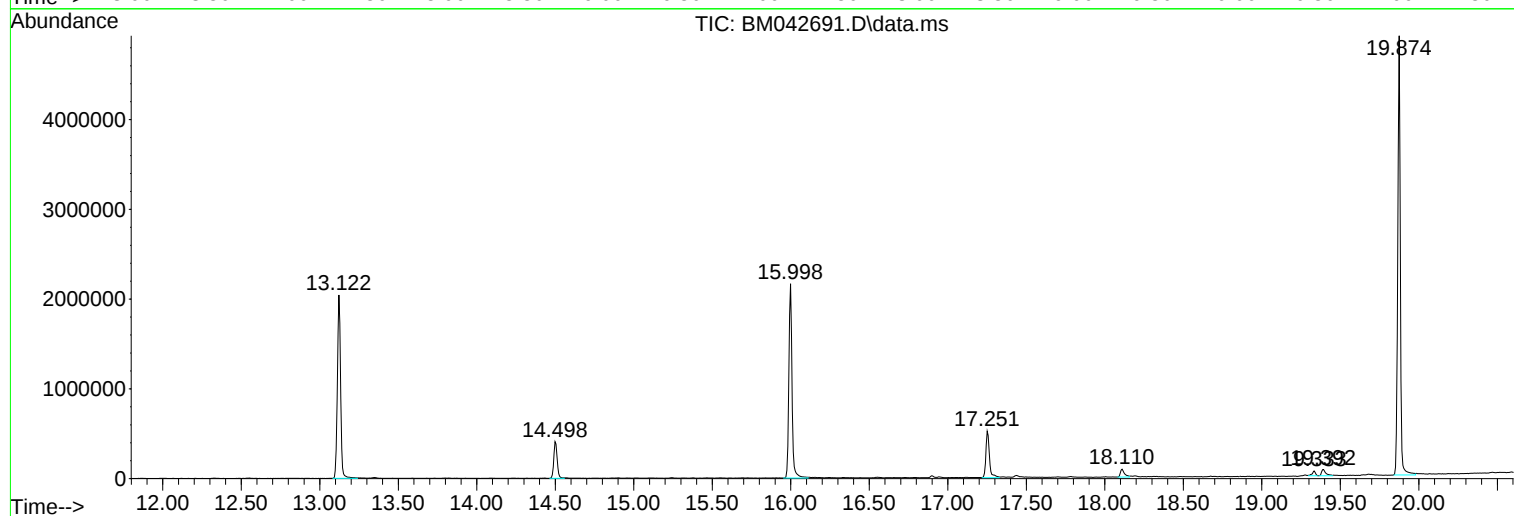
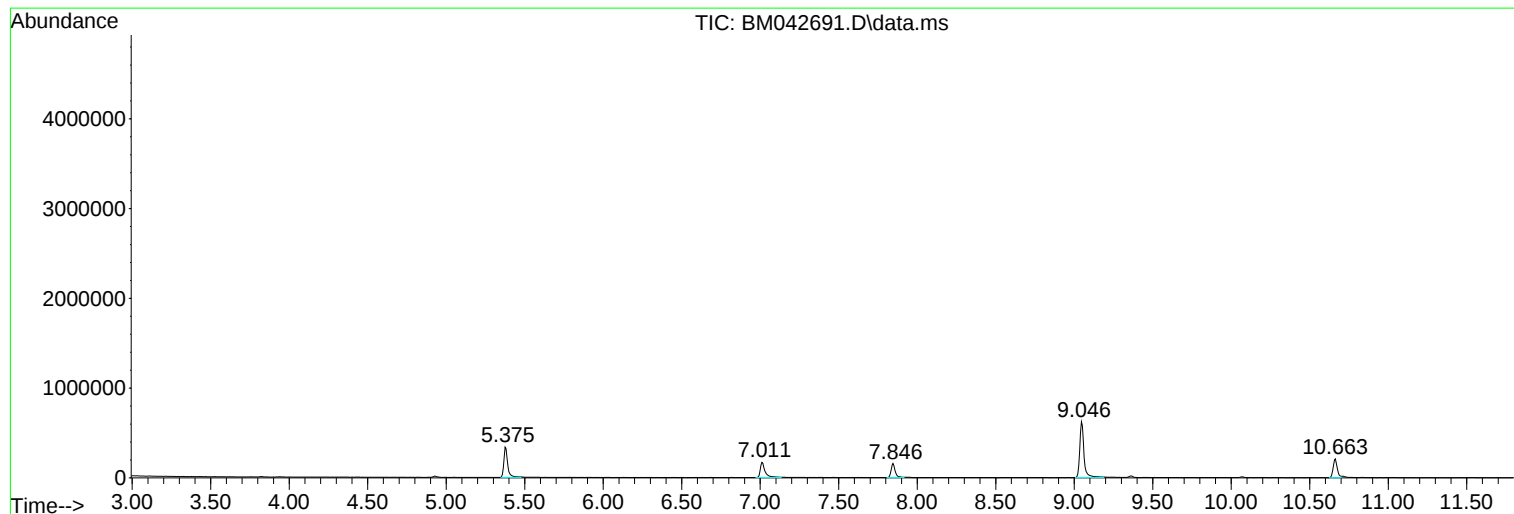
Sum of corrected areas: 17807055

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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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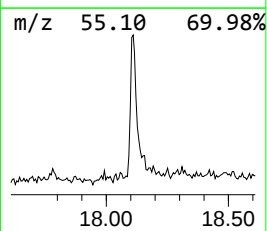
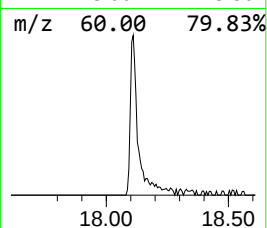
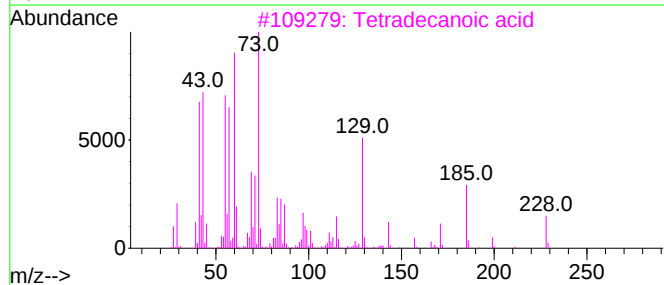
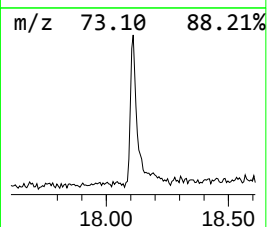
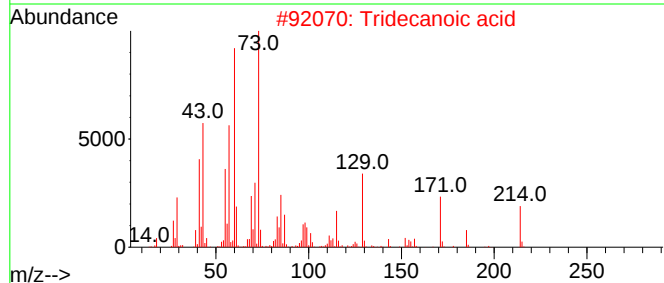
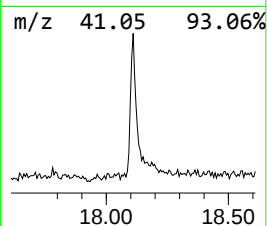
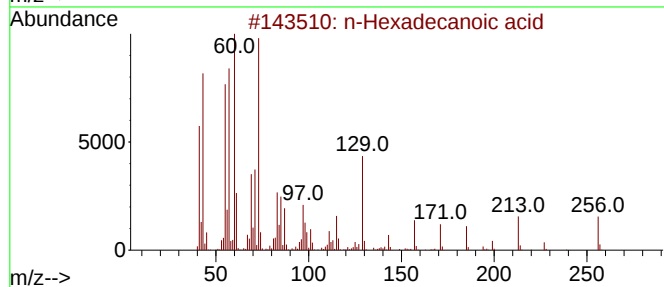
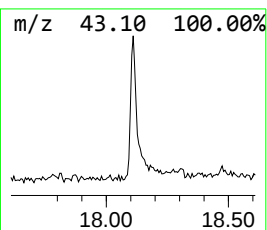
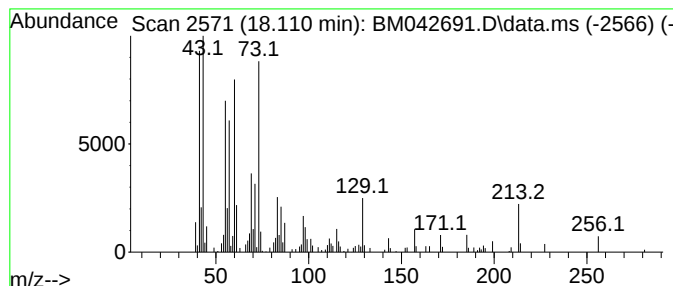
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	3.97 ng	158518	Phenanthrene-d10	17.251

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	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



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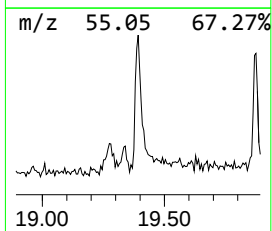
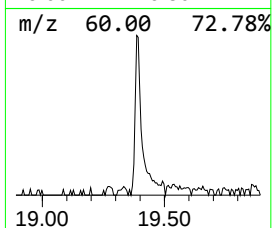
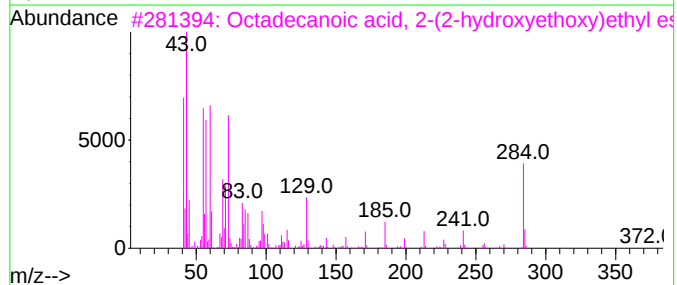
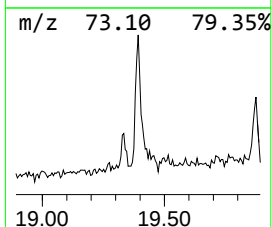
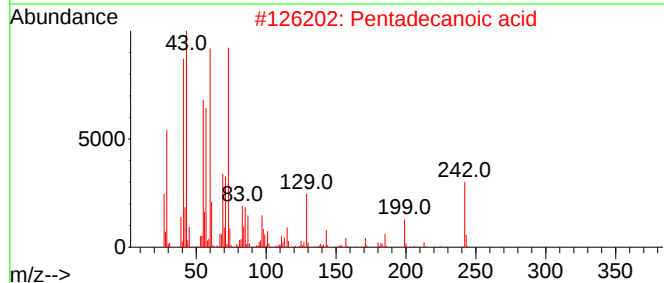
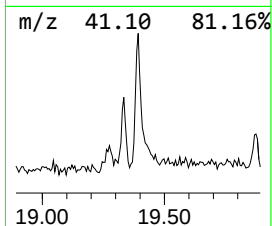
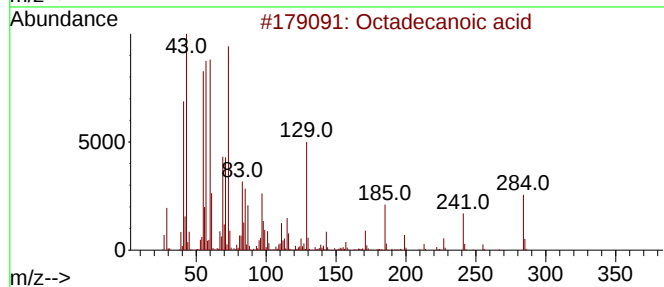
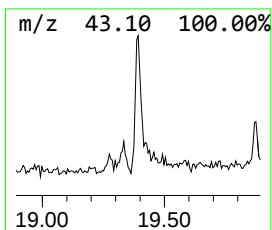
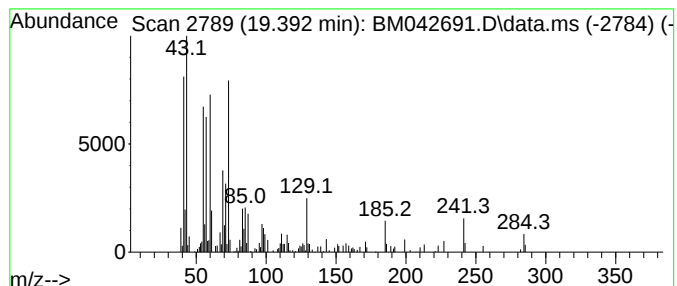
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	2.79 ng	132390	Chrysene-d12	21.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	95
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



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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 ...	18.110	4.0	ng	158518	4	17.251	798999	20.0
Octadecanoic acid	19.392	2.8	ng	132390	5	21.439	950003	20.0