

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
 Data File : BM035220.D
 Acq On : 24 May 2022 15:43
 Operator : CG/JU
 Sample : N2981-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TGMP-3

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-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035220.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	400	407	416	rBV	1384972	2017987	23.43%	6.088%
2	7.069	668	677	694	rBV	848637	1426167	16.56%	4.303%
3	7.898	811	818	826	rBV	442049	694371	8.06%	2.095%
4	9.057	1007	1015	1029	rBV	1475709	2487770	28.88%	7.505%
5	10.698	1286	1294	1304	rBV	519299	909931	10.56%	2.745%
6	13.163	1706	1713	1725	rBV	3977518	5745235	66.69%	17.333%
7	14.539	1940	1947	1965	rBV	764662	1186670	13.78%	3.580%
8	16.027	2193	2200	2222	rBV	2668770	3992037	46.34%	12.044%
9	17.280	2407	2413	2420	rBV	953551	1388940	16.12%	4.190%
10	18.186	2562	2567	2576	rBV	442519	661860	7.68%	1.997%
11	19.462	2779	2784	2798	rBV	389202	591492	6.87%	1.784%
12	19.909	2854	2860	2869	rBV	7168704	8614219	100.00%	25.988%
13	21.186	3074	3077	3083	rBV3	107275	128290	1.49%	0.387%
14	21.462	3120	3124	3135	rBV	1203471	1613240	18.73%	4.867%
15	23.850	3524	3530	3542	rVB	823206	1688460	19.60%	5.094%

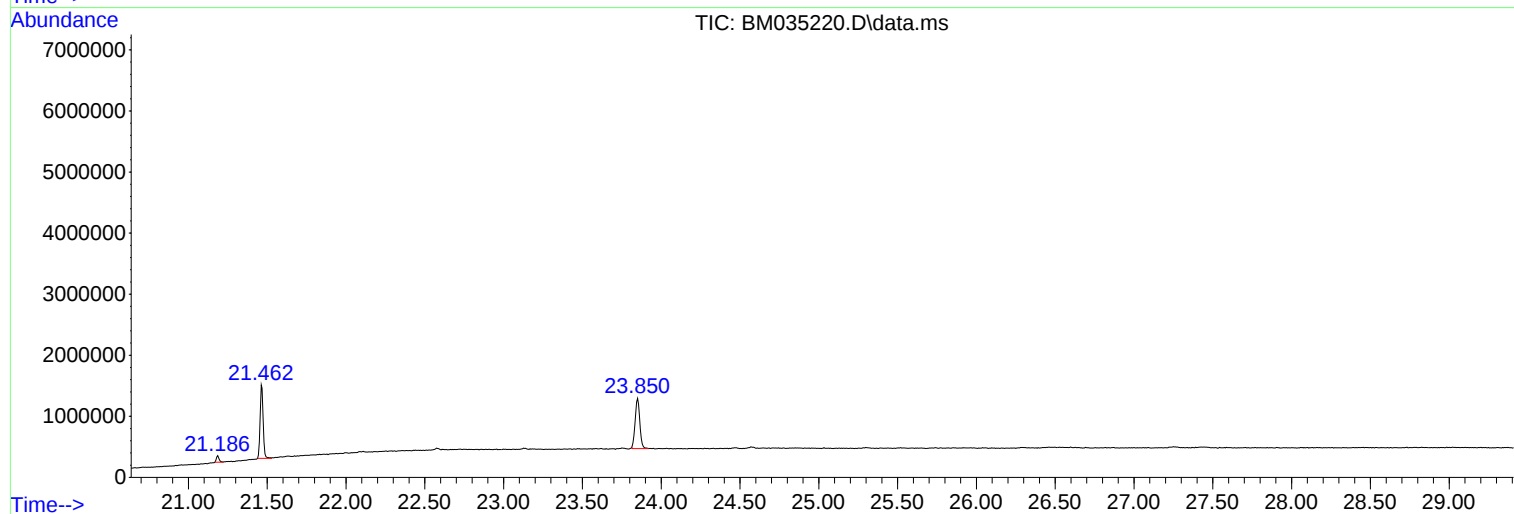
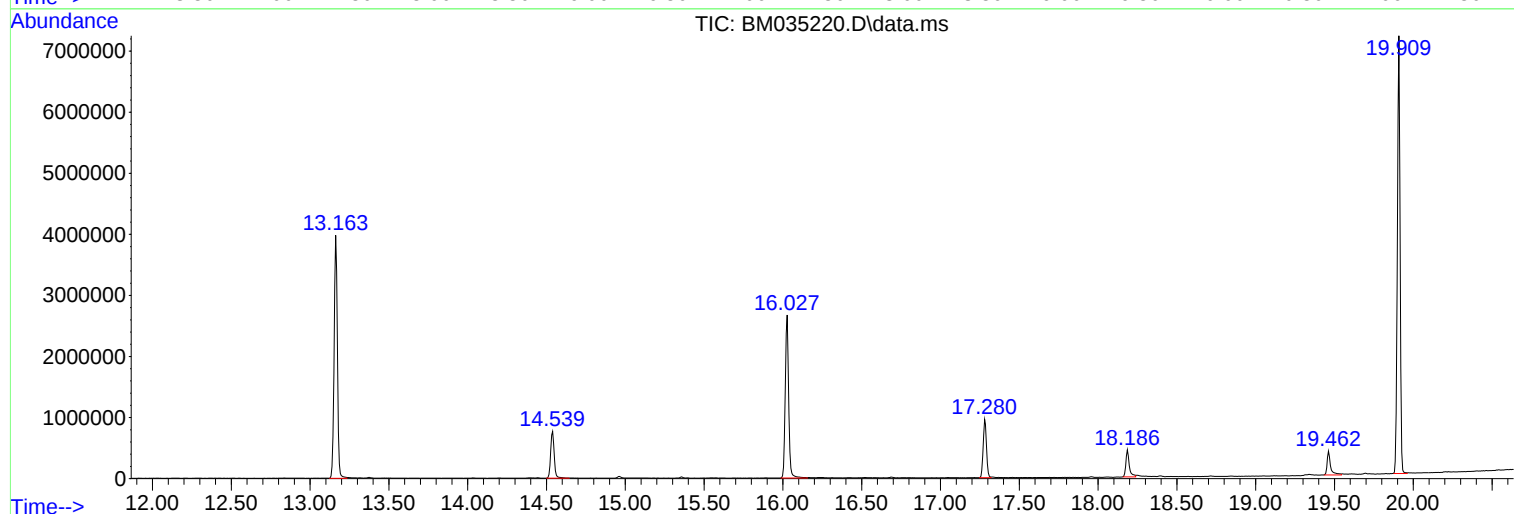
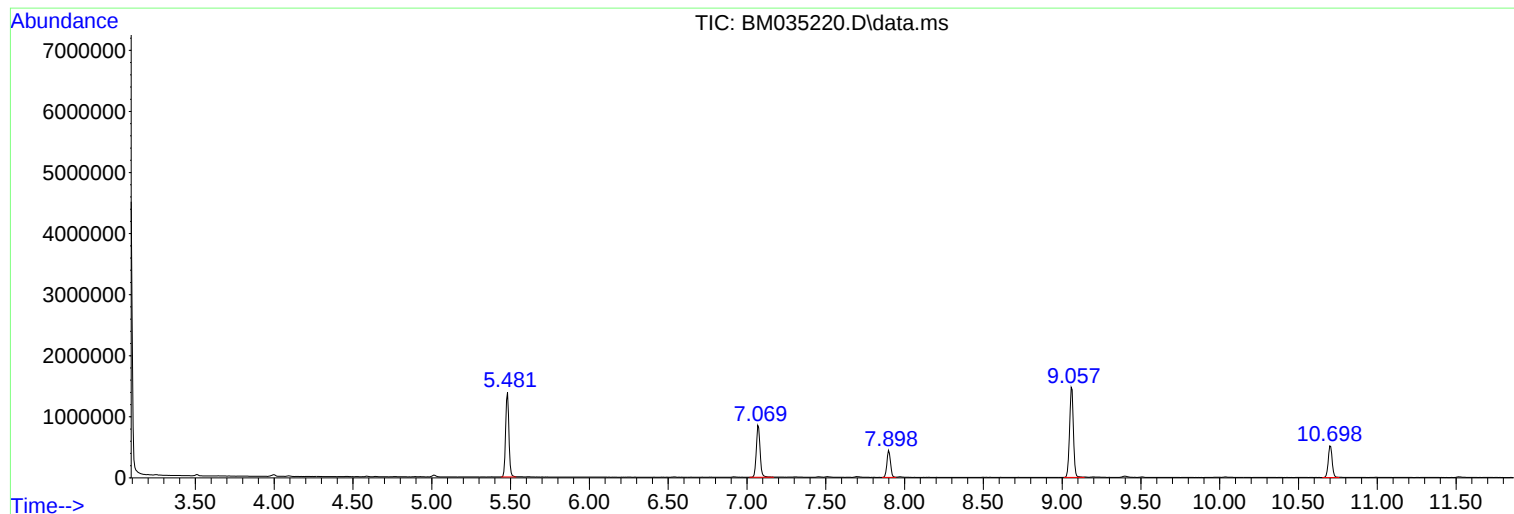
Sum of corrected areas: 33146669

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.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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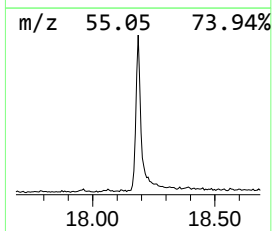
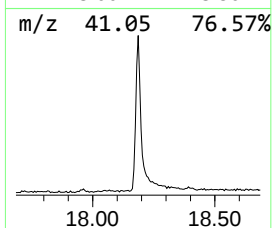
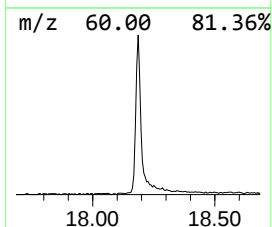
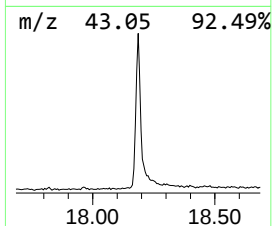
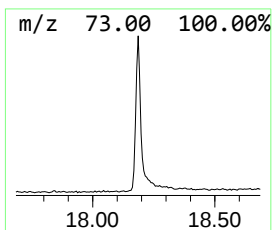
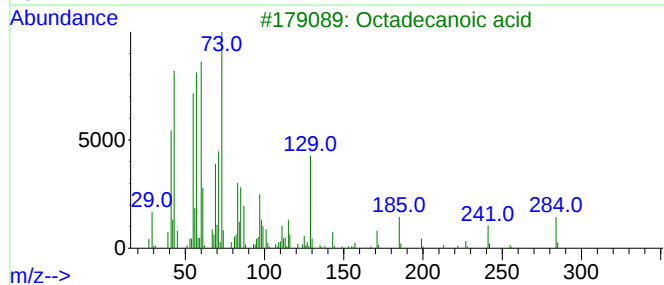
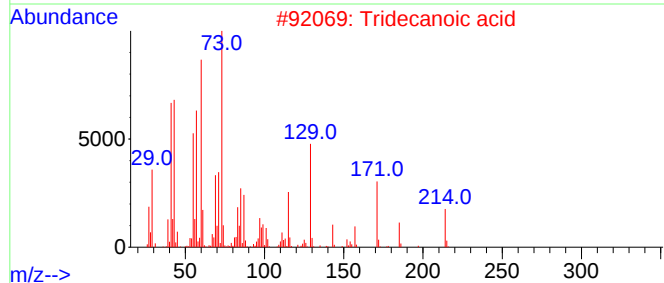
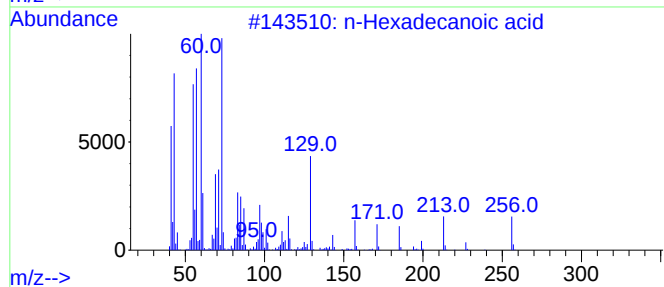
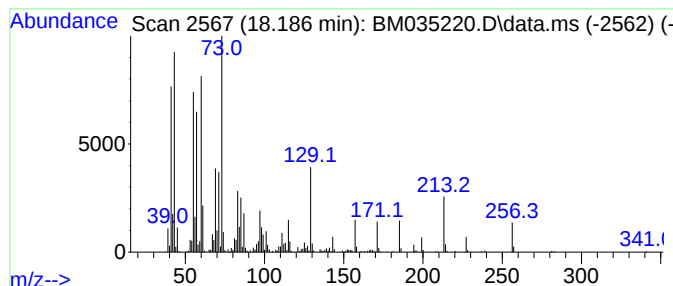
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.186	9.53 ng	661860	Phenanthrene-d10		17.280	
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	93
3	Octadecanoic acid		284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	83



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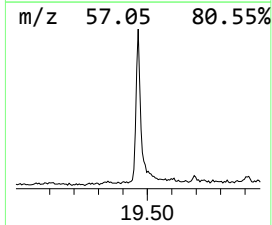
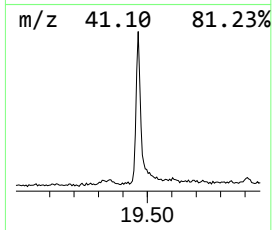
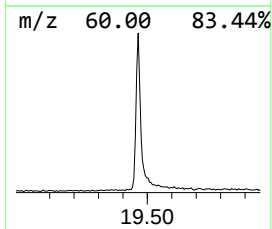
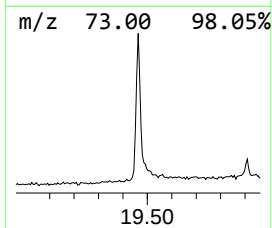
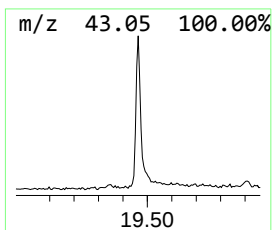
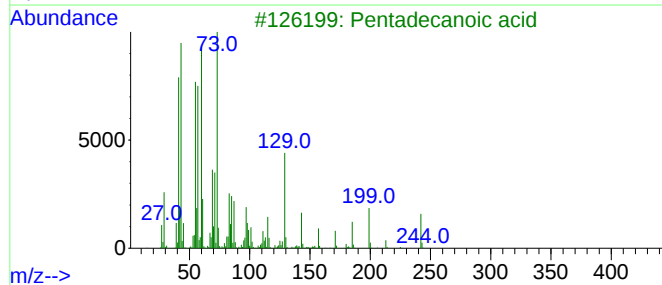
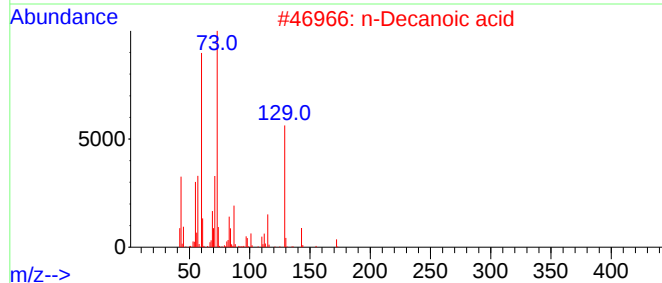
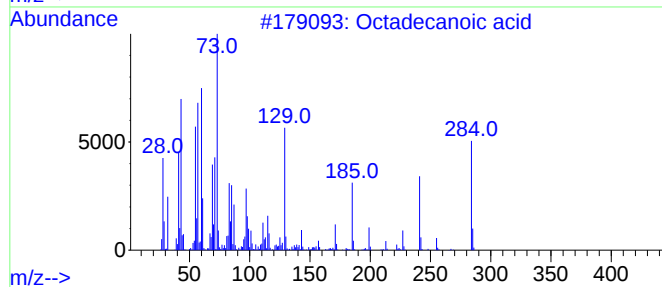
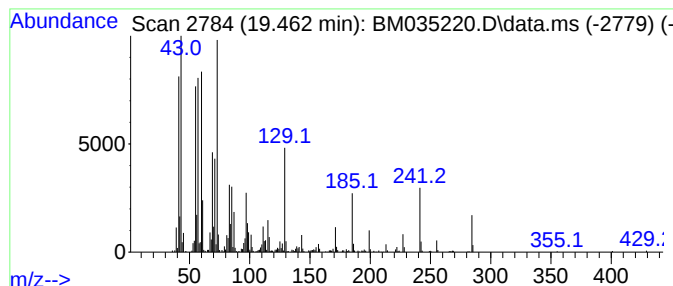
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.462	7.33 ng	591492	Chrysene-d12	21.462	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81



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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 ...	18.186	9.5	ng	661860	4	17.280	1388940	20.0
Octadecanoic acid	19.462	7.3	ng	591492	5	21.462	1613240	20.0