

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
Data File : BG056981.D
Acq On : 5 Apr 2023 1:50
Operator : CG/JU
Sample : 02166-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-03-033123

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_G\Methods\8270-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	13.654	1716	1722	1732	rVB	238207	374307	1.05%	0.597%
2	18.394	2522	2529	2534	rVB	3483828	4165624	11.68%	6.639%
3	18.629	2562	2569	2576	rBV	385480	626766	1.76%	0.999%
4	19.546	2713	2725	2727	rBV	18619127	35672315	100.00%	56.849%
5	19.575	2727	2730	2736	rVB2	14619054	17123164	48.00%	27.288%
6	19.675	2742	2747	2751	rVB	1731459	2109634	5.91%	3.362%
7	19.746	2752	2759	2761	rBV	1132444	1860996	5.22%	2.966%
8	20.345	2856	2861	2865	rVB	316964	423422	1.19%	0.675%
9	22.089	3151	3158	3163	rBV3	175745	392751	1.10%	0.626%

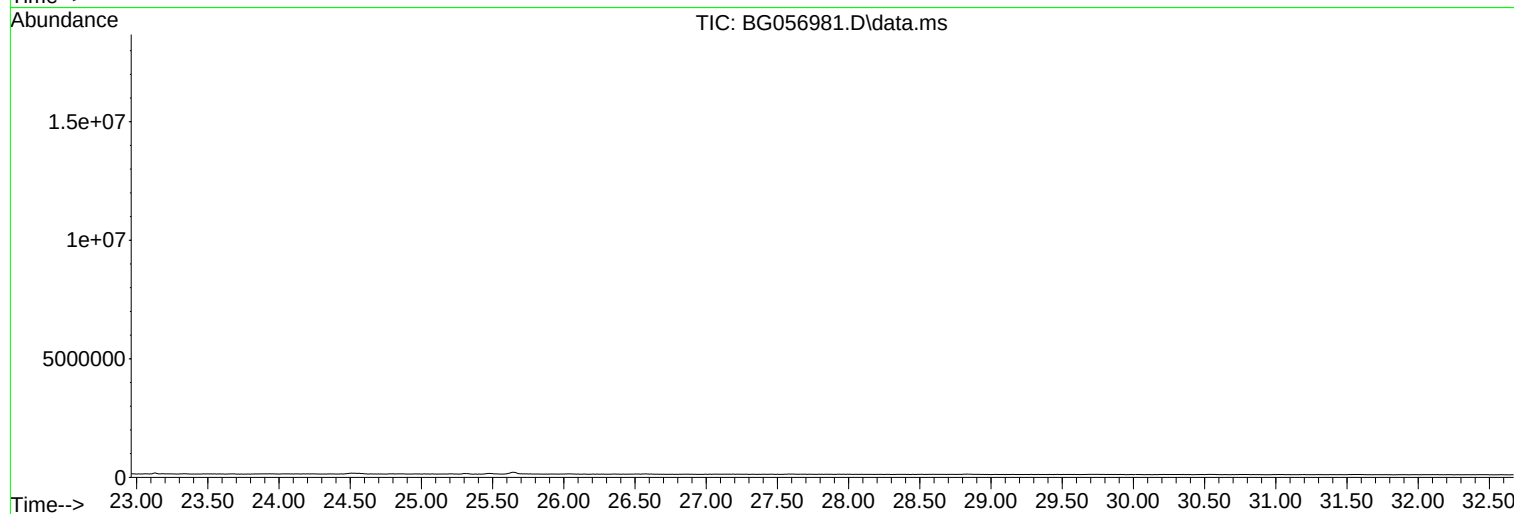
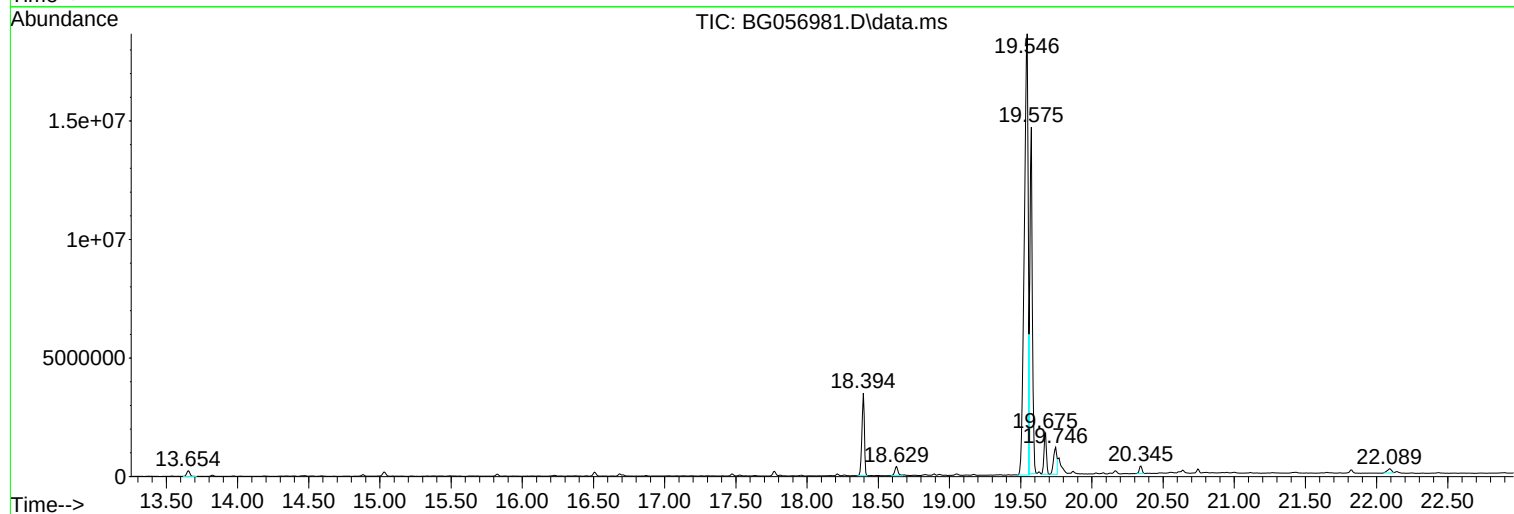
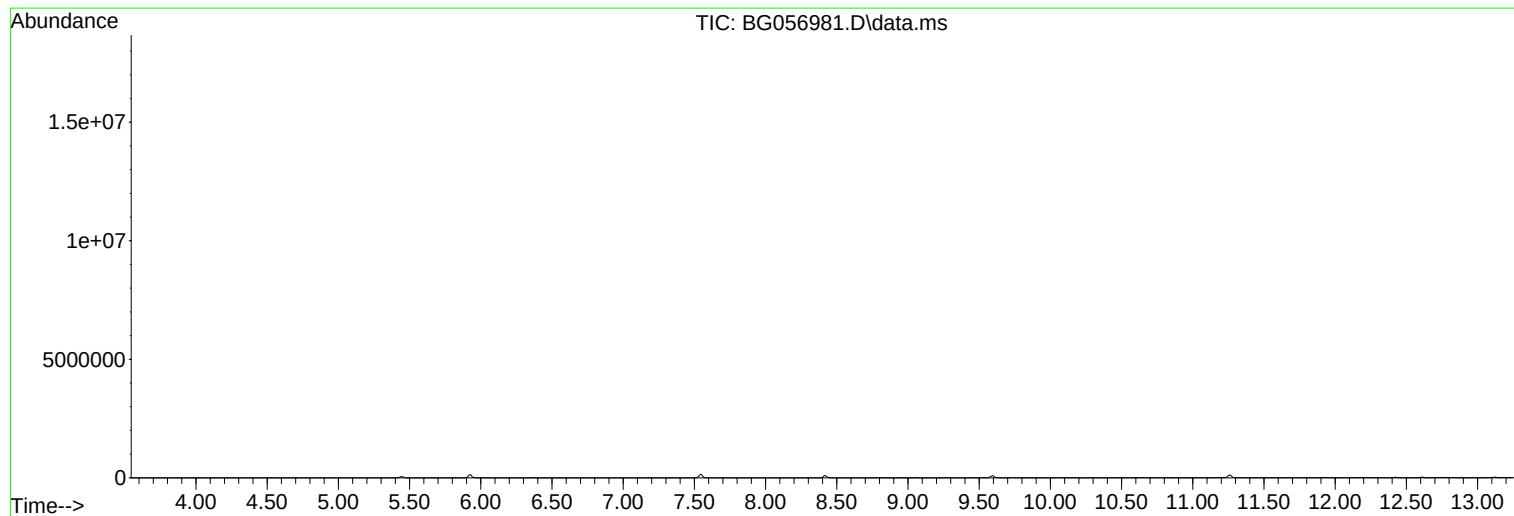
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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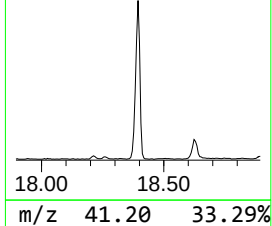
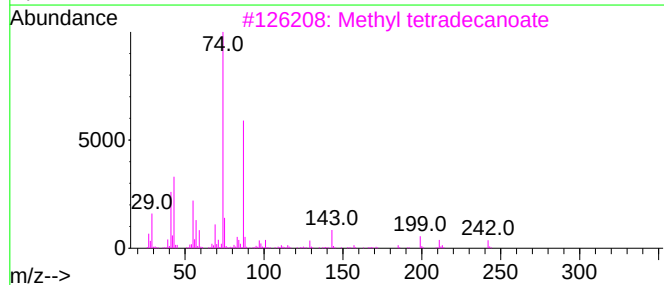
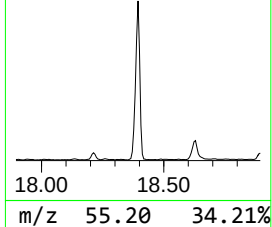
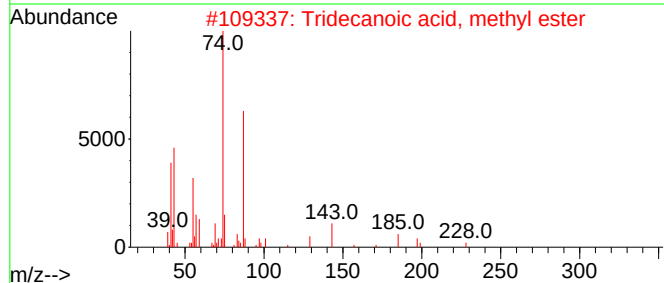
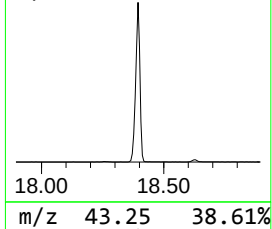
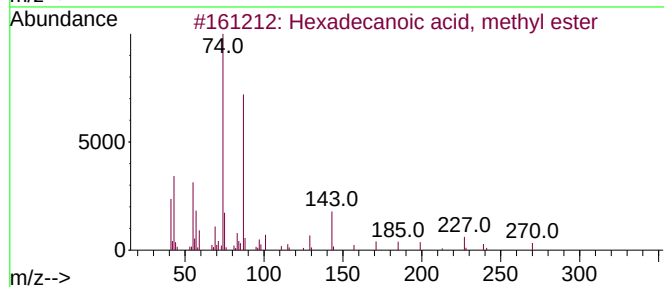
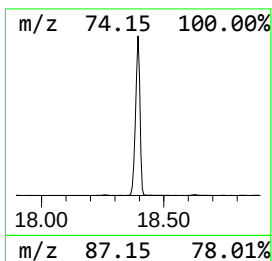
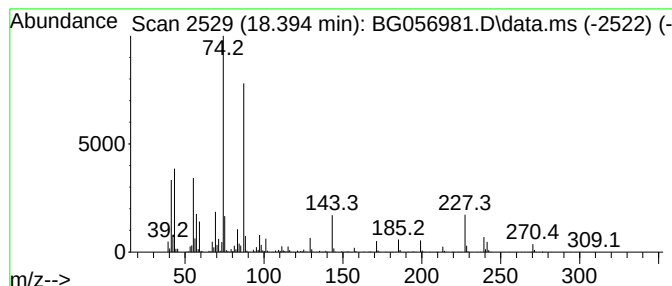
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.394	20.00 ng	4165620	Phenanthrene-d10	17.772

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



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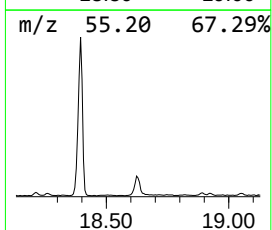
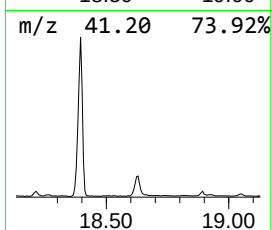
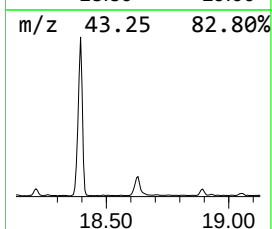
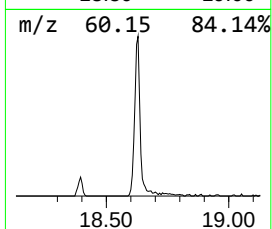
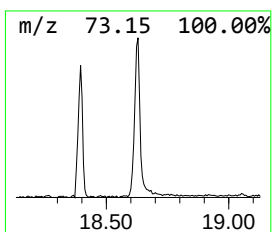
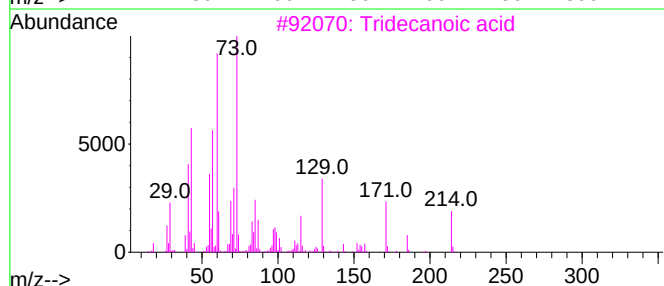
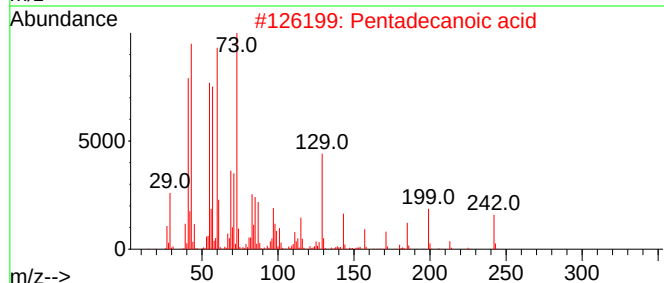
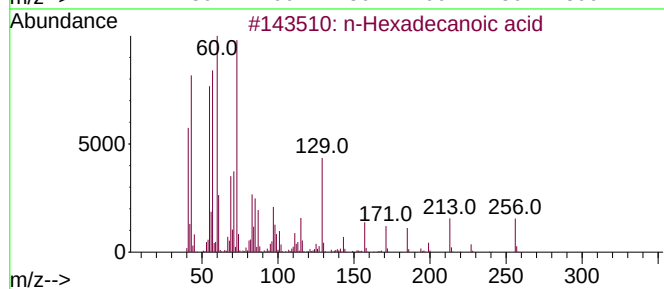
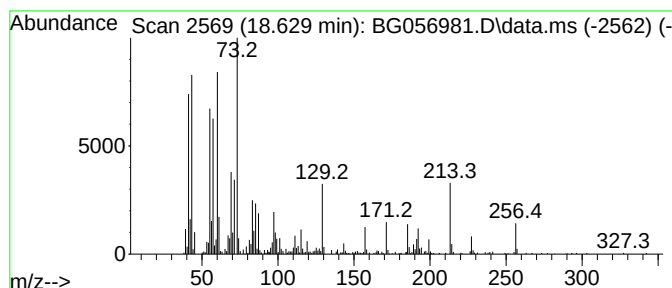
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.629	3.01 ng	626766	Phenanthrene-d10	17.772

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3			Tridecanoic acid	214	C13H26O2	000638-53-9	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5			Octadecanoic acid	284	C18H36O2	000057-11-4	49



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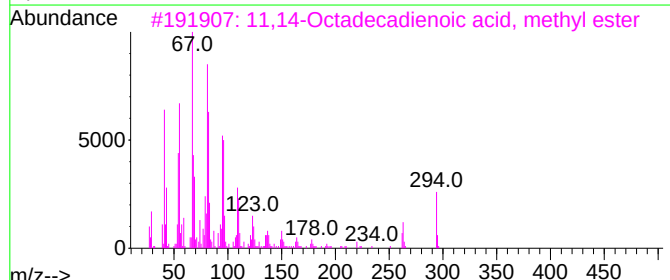
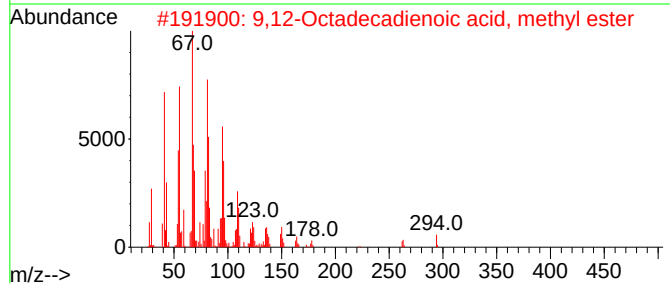
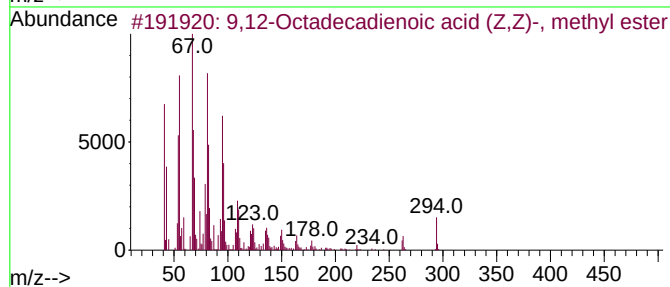
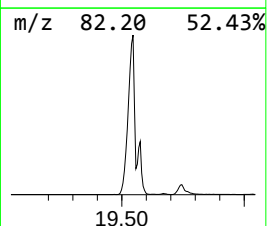
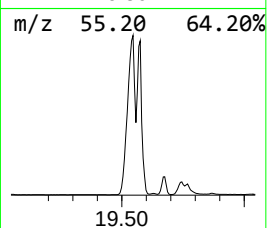
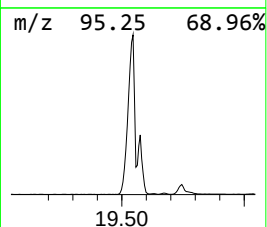
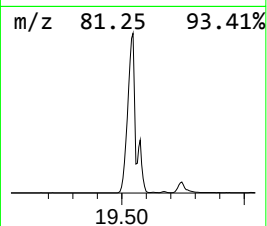
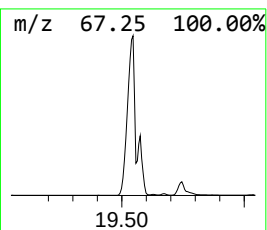
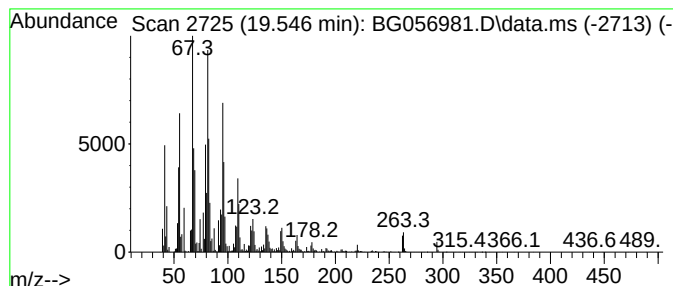
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.546	171.27 ng	35672300	Phenanthrene-d10	17.772	
Hit#	of 5	Tentative ID	MW MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0	99
2		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3	99
3		11,14-Octadecadienoic acid, meth...	294 C19H34O2	056554-61-1	98
4		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2	97
5		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6	97



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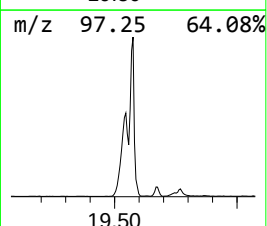
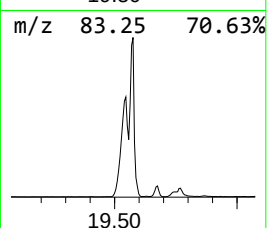
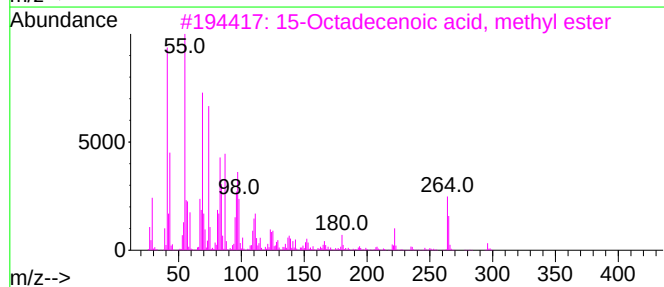
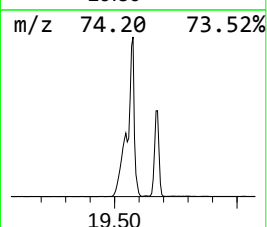
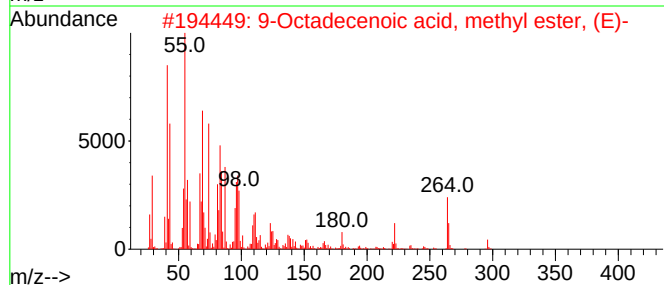
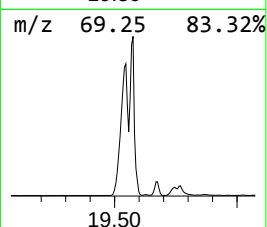
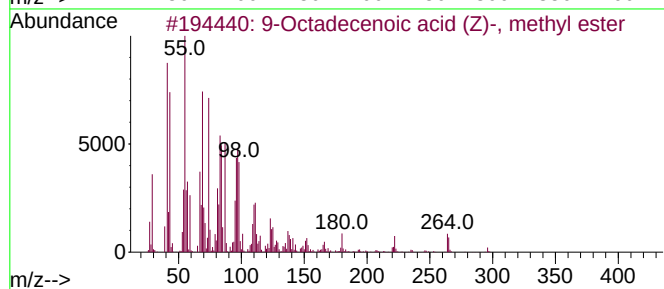
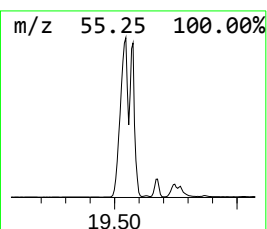
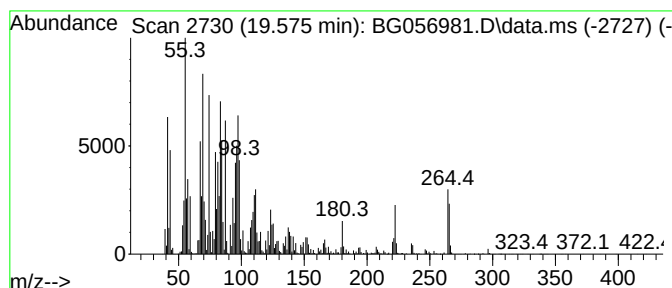
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.575	82.21 ng	17123200	Phenanthrene-d10	17.772	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99



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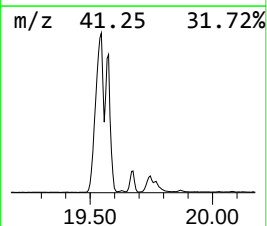
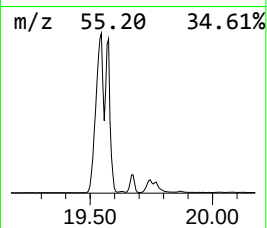
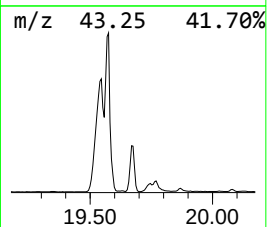
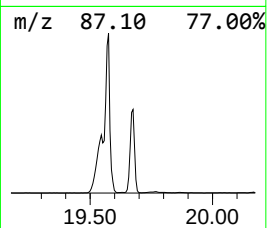
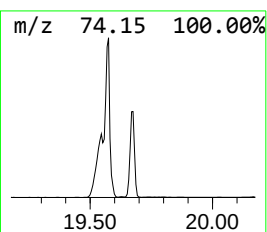
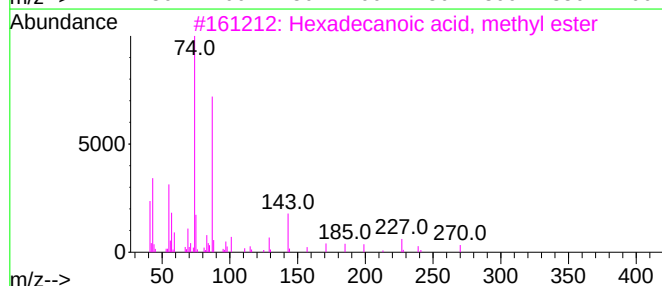
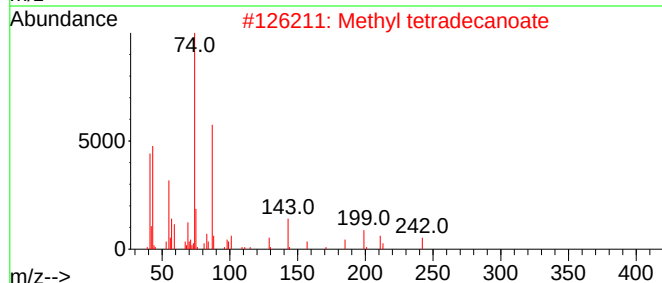
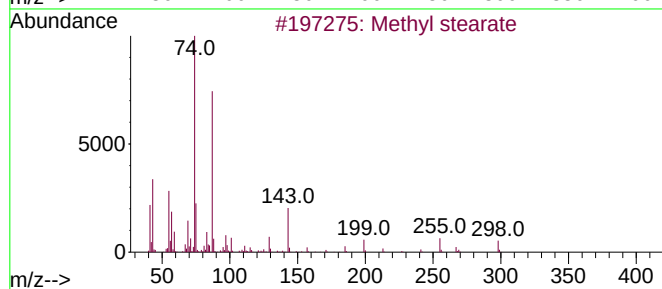
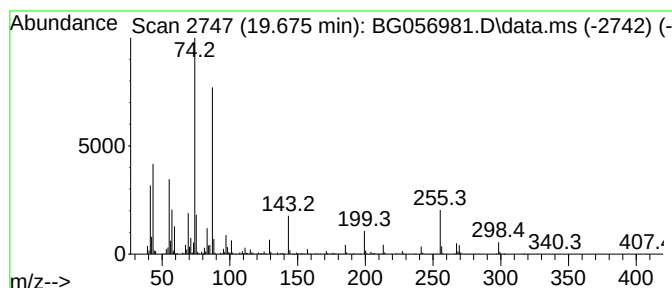
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Peak Number 5 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.675	10.13 ng	2109630	Phenanthrene-d10	17.772

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	96
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	81
4			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	81
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81



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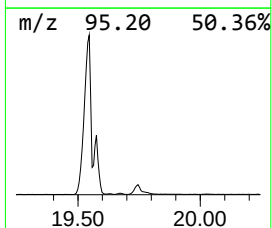
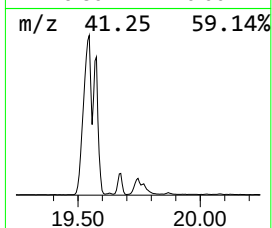
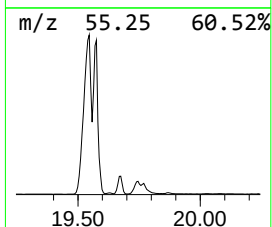
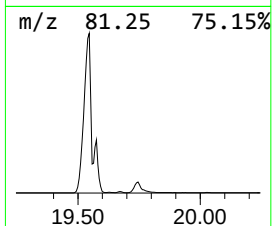
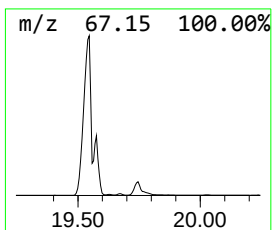
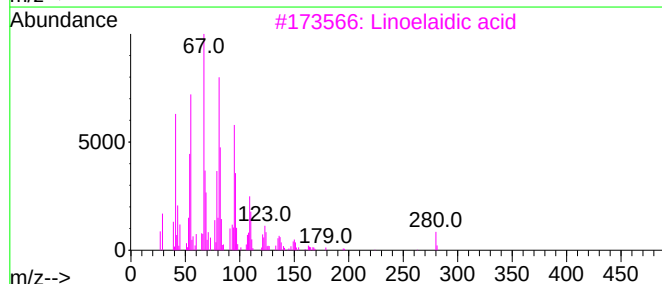
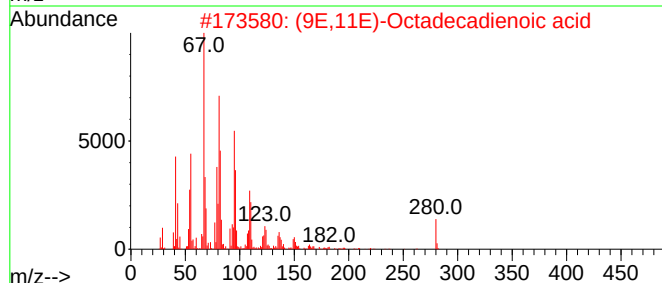
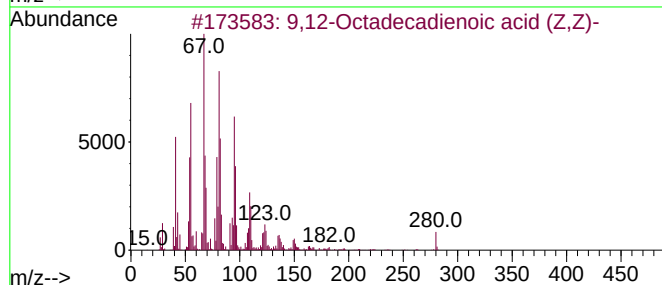
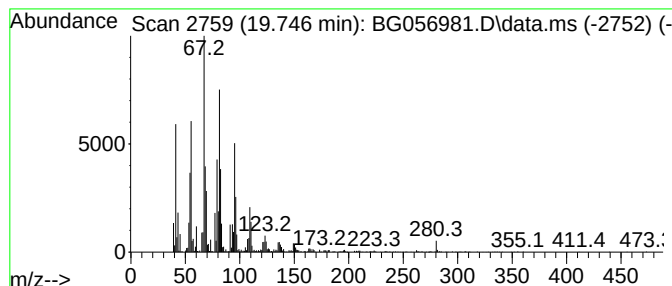
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Peak Number 6 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.746	8.94 ng	1861000	Phenanthrene-d10	17.772	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	99
3	Linoleaidic acid	280	C18H32O2	000506-21-8	98
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	95
5	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
Data File : BG056981.D
Acq On : 5 Apr 2023 1:50
Operator : CG/JU
Sample : 02166-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-03-033123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic ac...	18.394	20.0	ng	4165620	4	17.772	4165620	20.0
n-Hexadecanoic ...	18.629	3.0	ng	626766	4	17.772	4165620	20.0
9,12-Octadecadi...	19.546	171.3	ng	35672300	4	17.772	4165620	20.0
9-Octadecenoic ...	19.575	82.2	ng	17123200	4	17.772	4165620	20.0
Methyl stearate	19.675	10.1	ng	2109630	4	17.772	4165620	20.0
9,12-Octadecadi...	19.746	8.9	ng	1861000	4	17.772	4165620	20.0