

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060108.D
Acq On : 20 Dec 2023 21:13
Operator : MA/JU
Sample : 05882-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BG121323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	17.332	2419	2424	2429	rBV	638833	1003052	1.15%	0.645%
2	18.014	2533	2540	2544	rBV	8962894	10853007	12.43%	6.982%
3	19.177	2727	2738	2740	rBV	53116144	87340584	100.00%	56.187%
4	19.206	2740	2743	2750	rVB2	41941432	46498936	53.24%	29.913%
5	19.312	2756	2761	2767	rVB	3730439	4449835	5.09%	2.863%
6	19.394	2768	2775	2781	rBV	539151	931174	1.07%	0.599%
7	19.759	2834	2837	2846	rVB	518287	884440	1.01%	0.569%
8	21.604	3143	3151	3156	rBV3	981409	2168906	2.48%	1.395%
9	24.800	3688	3695	3708	rVB2	472210	1315218	1.51%	0.846%

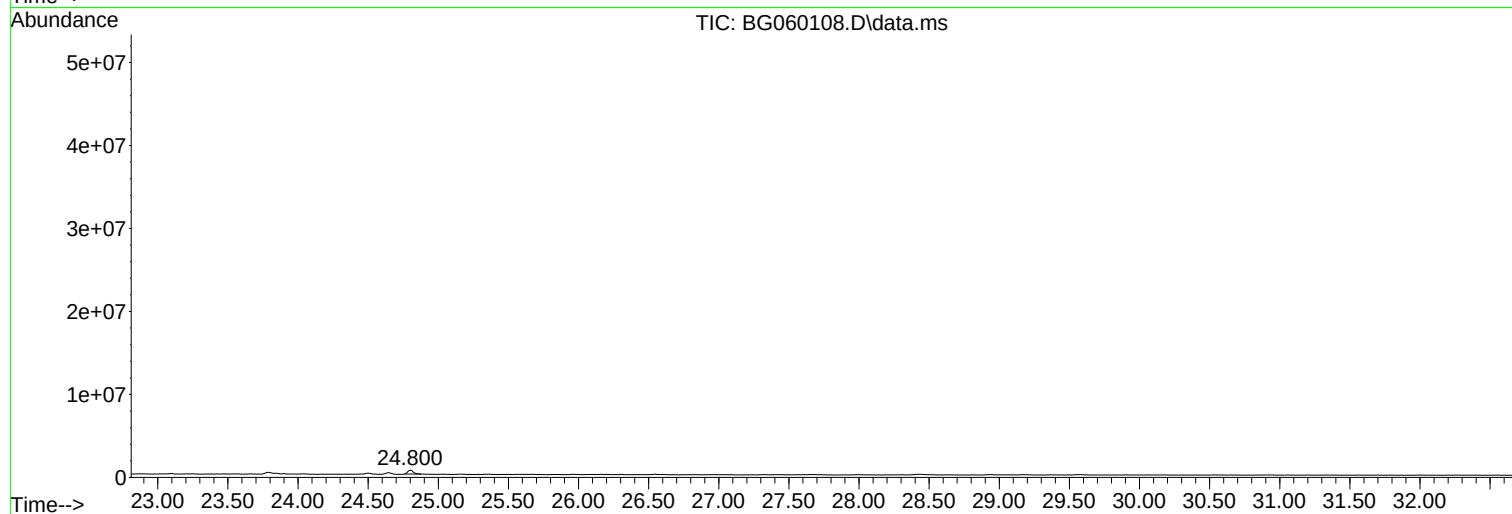
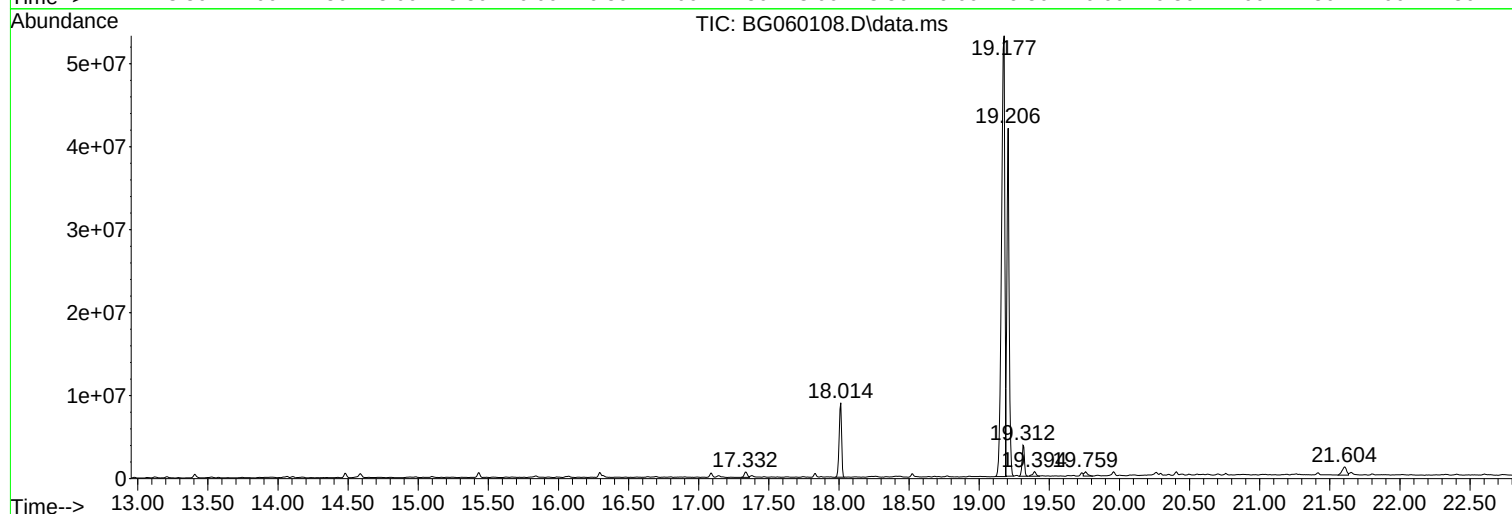
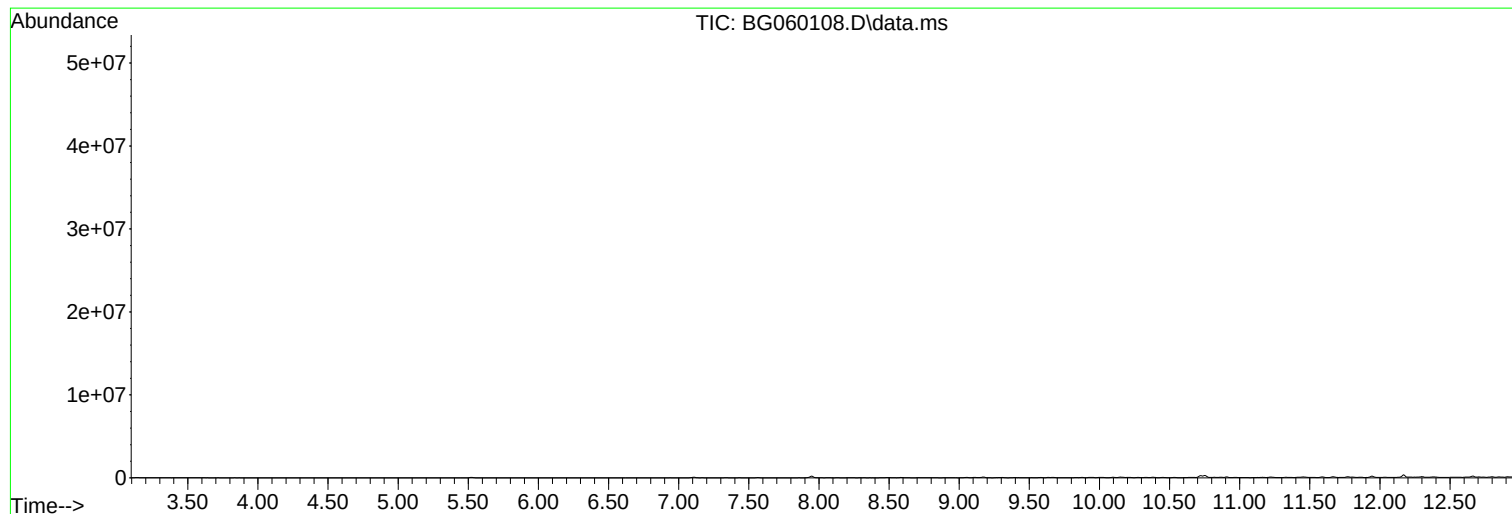
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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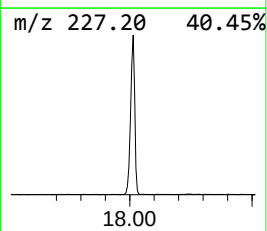
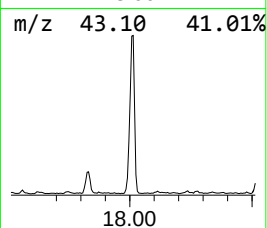
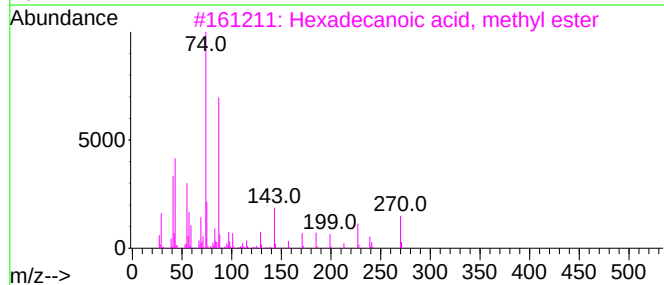
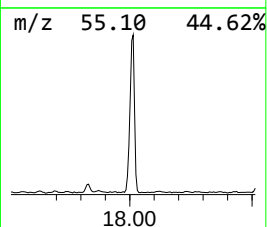
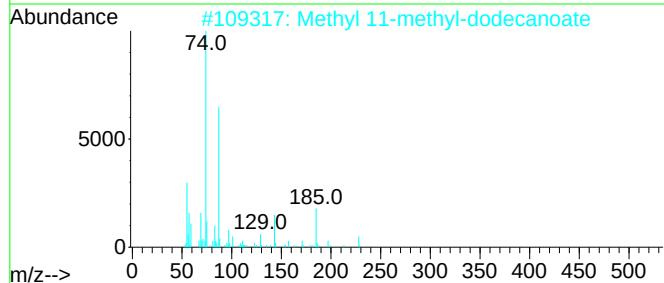
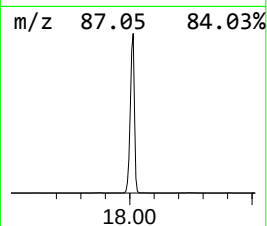
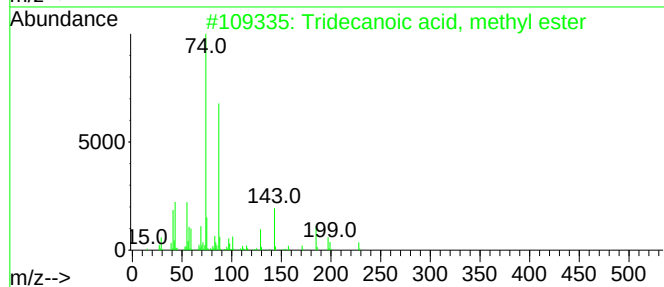
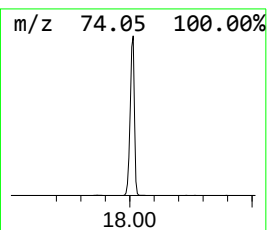
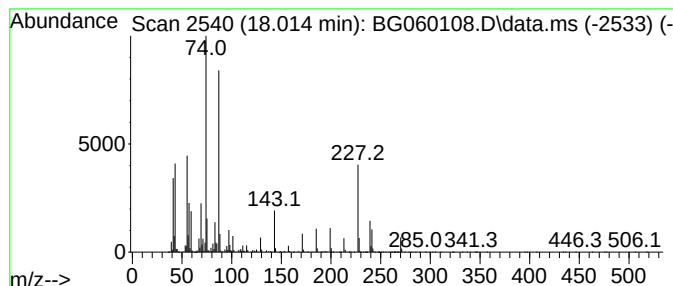
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.014	216.40 ng	10853000	Phenanthrene-d10	17.332

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
2			Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	86
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	70
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	64



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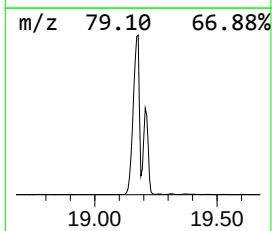
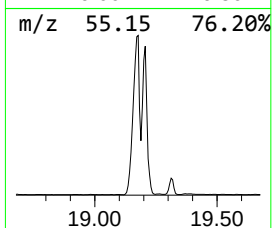
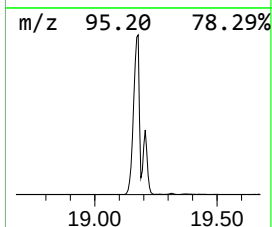
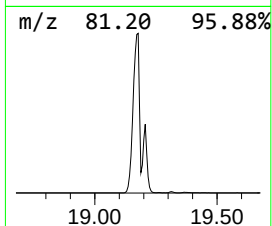
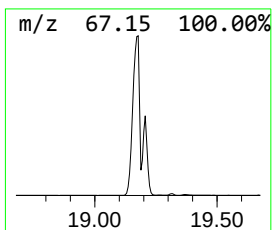
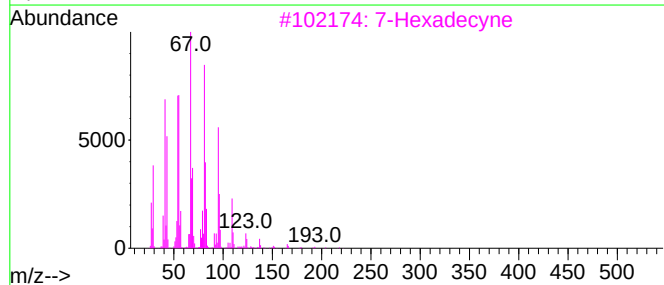
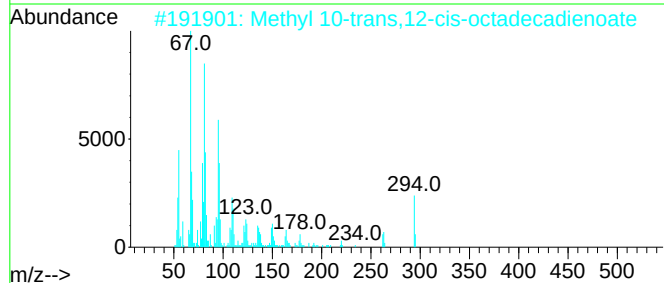
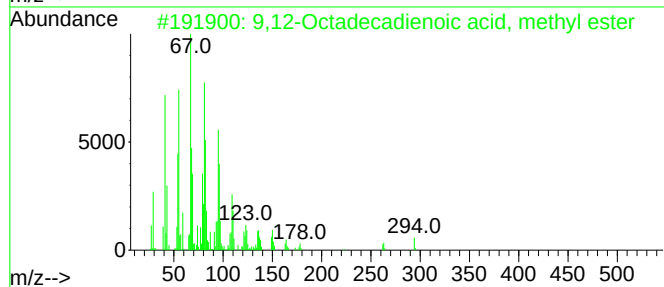
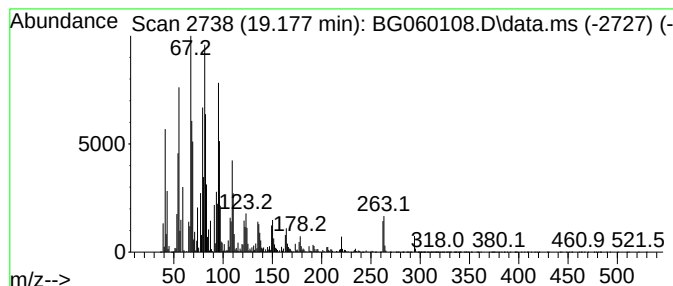
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.177	1741.50 ng	87340600	Phenanthrene-d10	17.332	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	97
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	94
3	7-Hexadecyne	222	C16H30	074685-28-2	93
4	1,3,12-Nonadecatriene	262	C19H34	1000131-11-1	91
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	90



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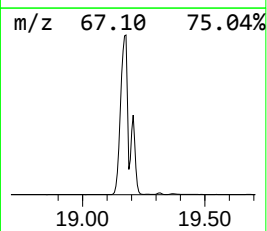
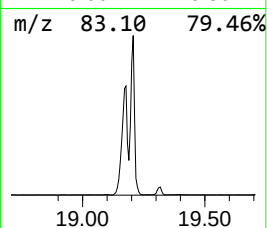
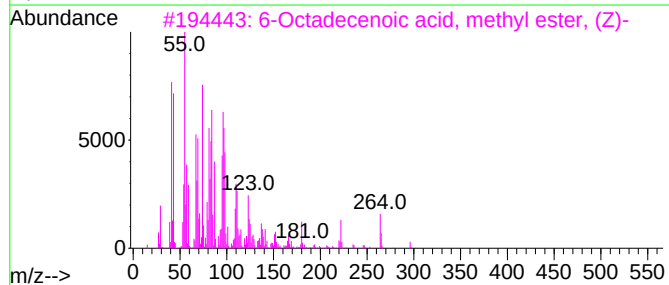
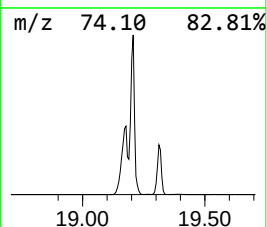
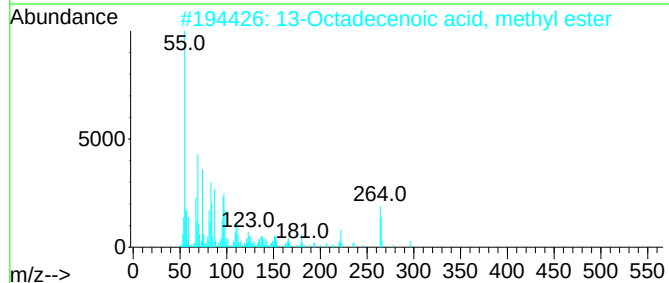
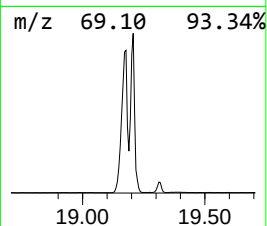
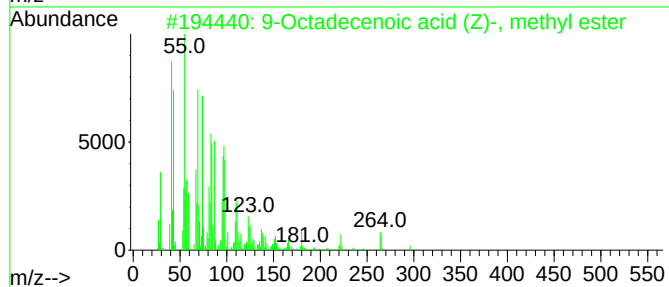
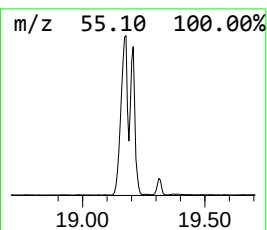
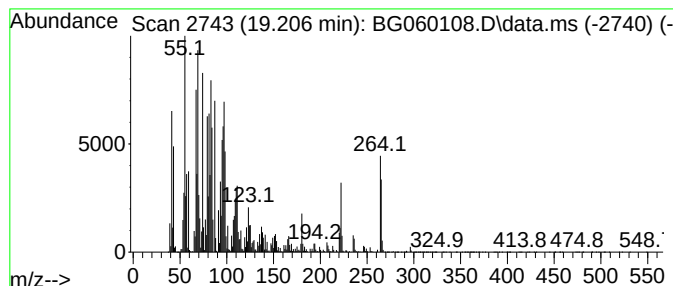
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Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.206	927.15 ng	46498900	Phenanthrene-d10	17.332

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	96
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
5		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94



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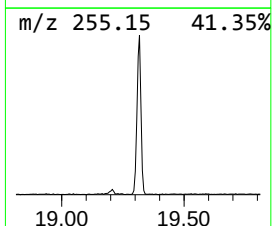
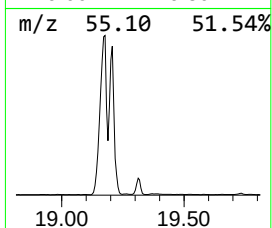
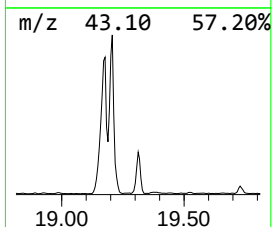
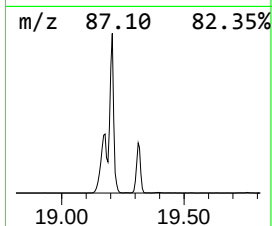
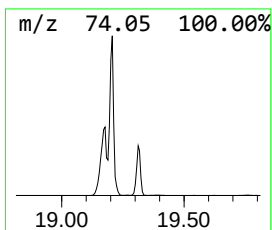
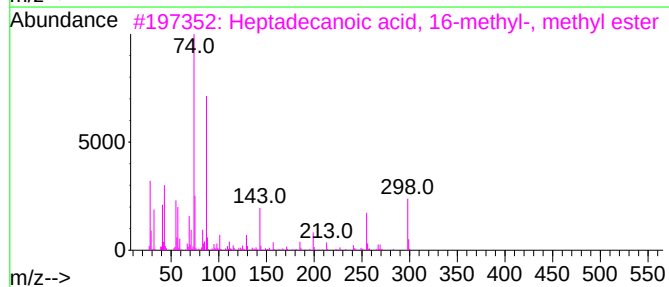
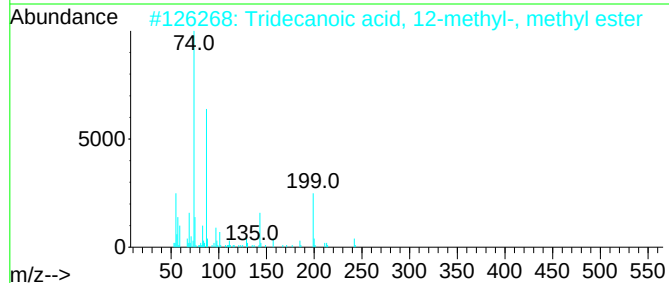
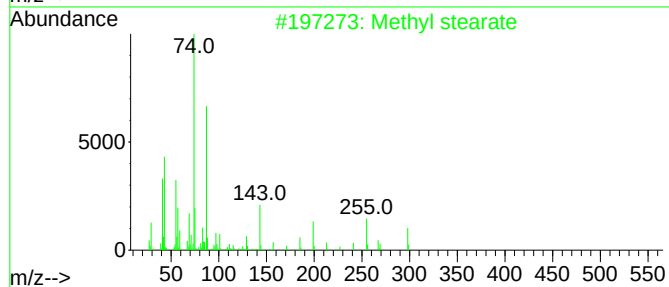
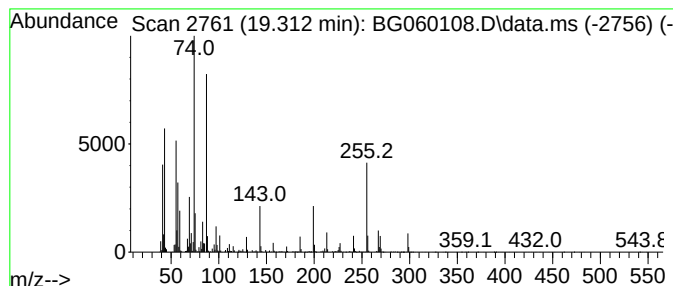
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Peak Number 4 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.312	88.73 ng	4449840	Phenanthrene-d10	17.332

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	96
2			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	94
3			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Tetradecanoic acid, 12-methyl-, ...	256	C16H32O2	005129-66-8	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic aci...	18.014	216.4	ng	10853000	4	17.332	1003050	20.0
9,12-Octadecadi...	19.177	1741.5	ng	87340600	4	17.332	1003050	20.0
9-Octadecenoic ...	19.206	927.1	ng	46498900	4	17.332	1003050	20.0
Methyl stearate	19.312	88.7	ng	4449840	4	17.332	1003050	20.0