LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055984.D
Acq On : 15 Dec 2022 19:52
Operator : CG/JU
Sample : N6046-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-121322

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	16.457	2236	2241	2249	rVB	138775	205809	1.01%	0.558%
2	18.361	2558	2565	2570	rBV	1572790	2050449	10.10%	5.558%
3	18.602	2597	2606	2618	rBV	245572	430659	2.12%	1.167%
4	19.519	2750	2762	2765	rBV	8307992	20305381	100.00%	55.035%
5	19.554	2765	2768	2774	rVB2	8191027	9839006	48.46%	26.668%
6	19.648	2779	2784	2788	rVB	1149055	1323678	6.52%	3.588%
7	19.724	2788	2797	2800	rBV	718860	1654857	8.15%	4.485%
8	19.754	2800	2802	2810	rVB2	596259	761509	3.75%	2.064%
9	20.306	2891	2896	2900	rVB	251737	323722	1.59%	0.877%

Sum of corrected areas: 36895070

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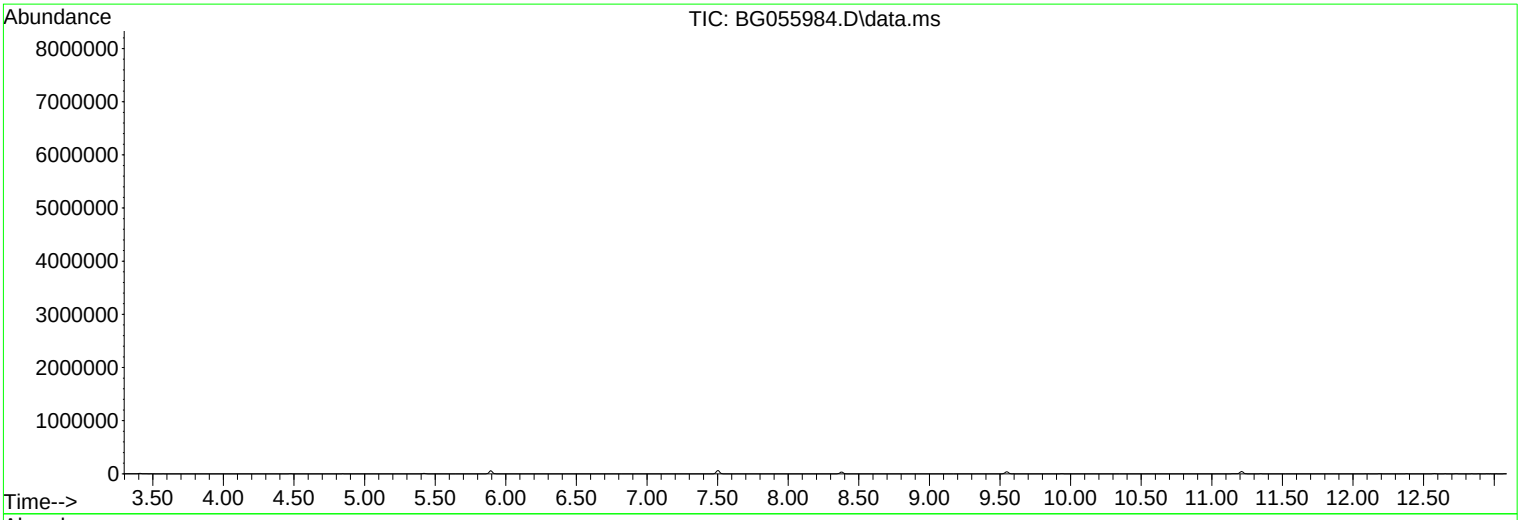
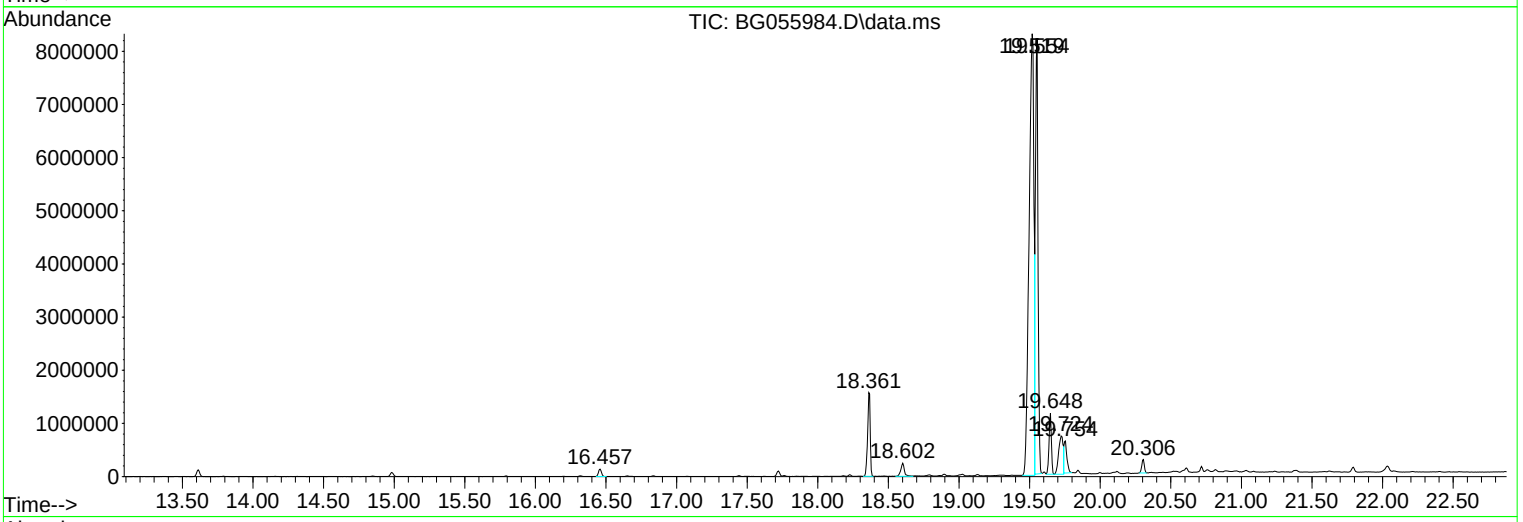
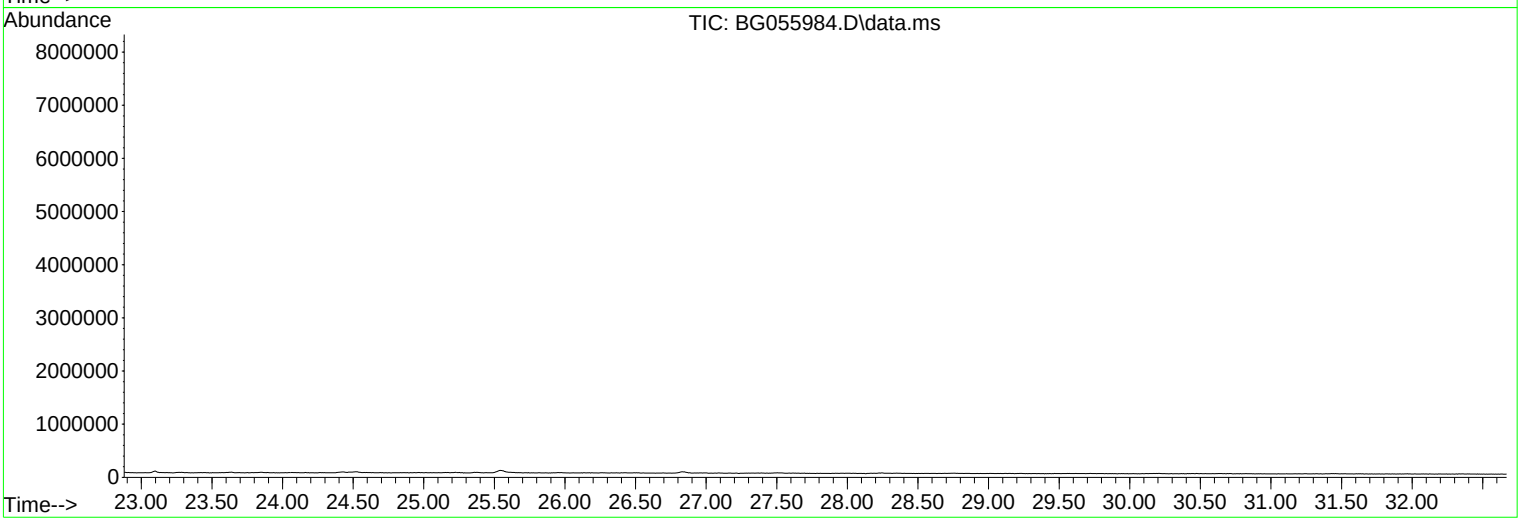
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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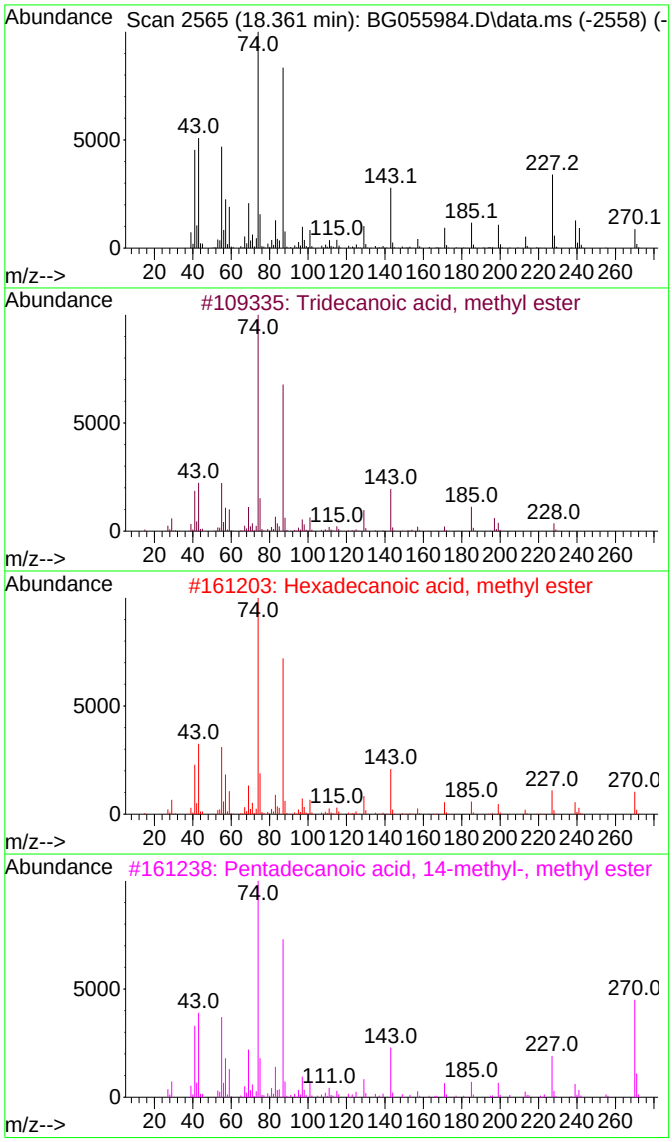
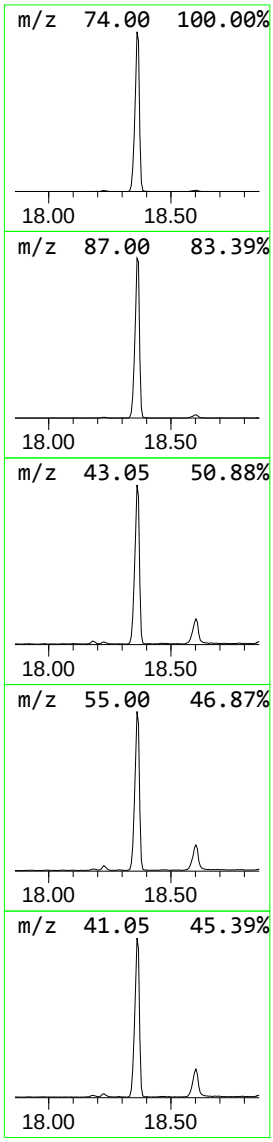
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.361	20.00 ng	2050450	Phenanthrene-d10	17.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	83
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	81





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HR-02-121322

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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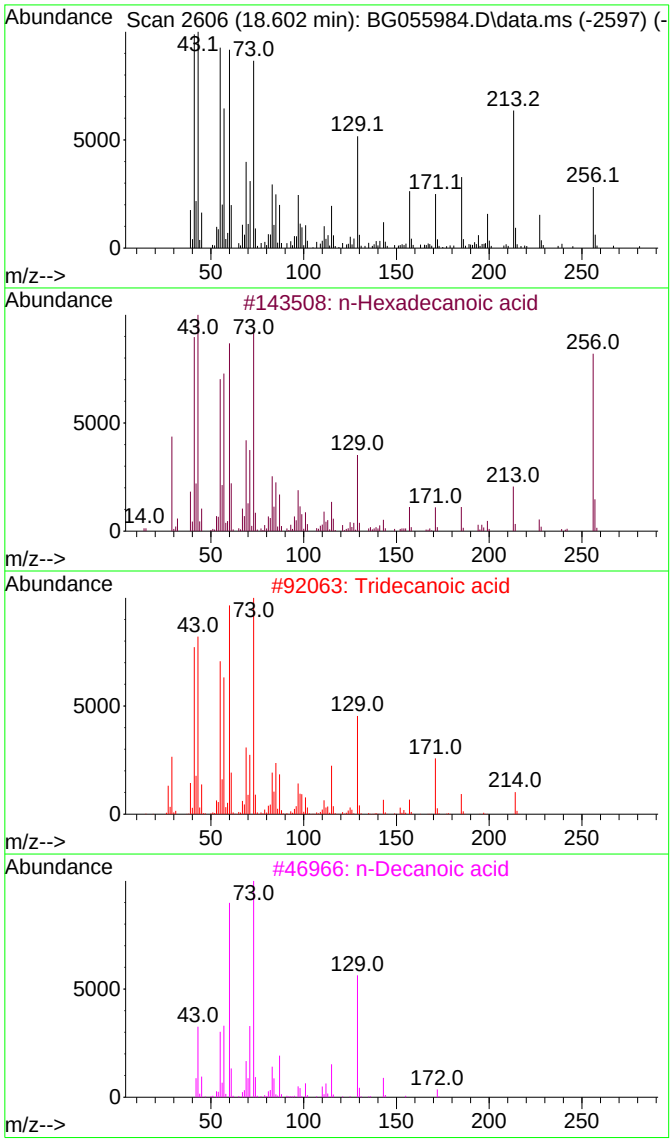
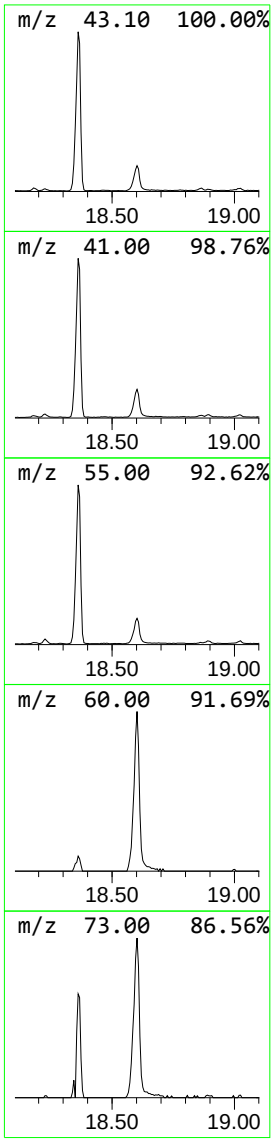
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.602	4.20 ng	430659	Phenanthrene-d10	17.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-121322

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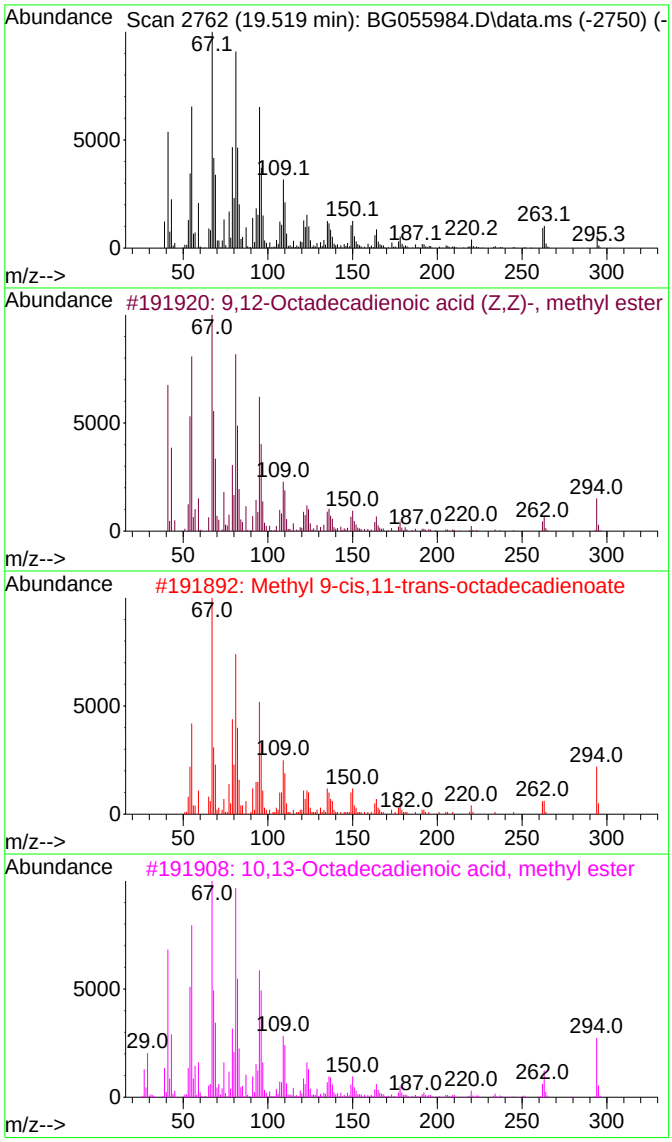
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

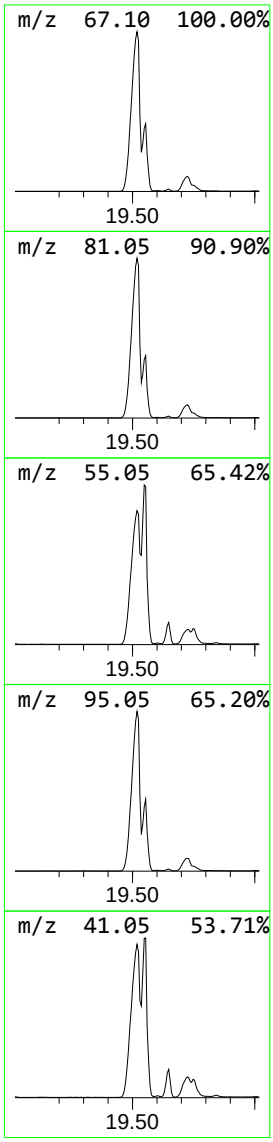
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.519	198.06 ng	20305400	Phenanthrene-d10	17.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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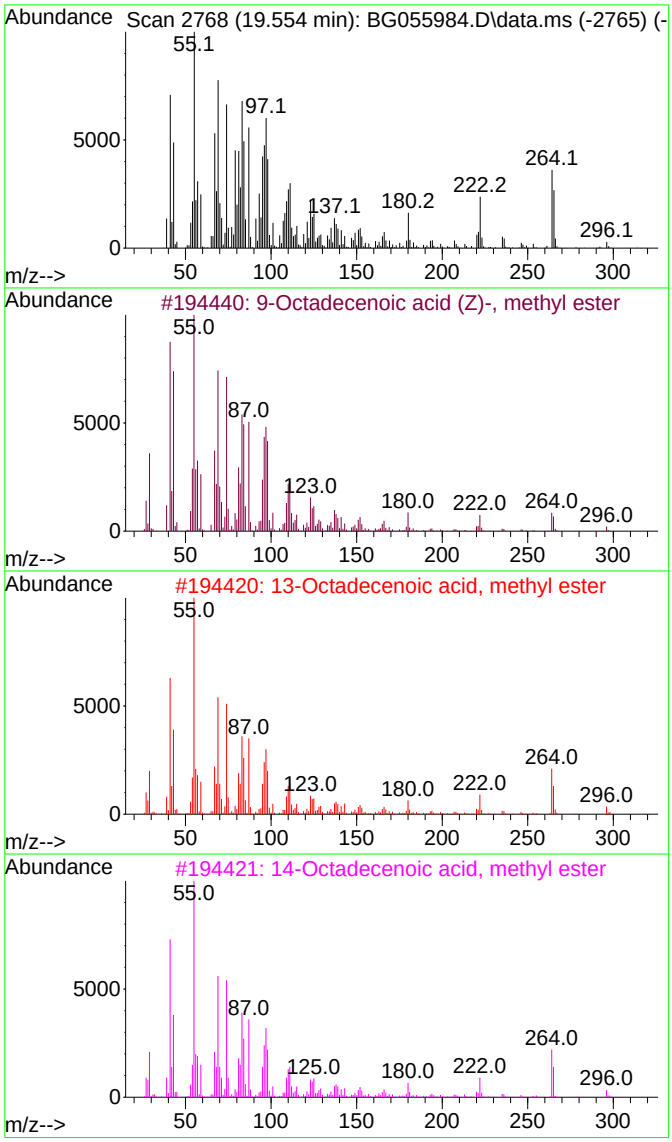
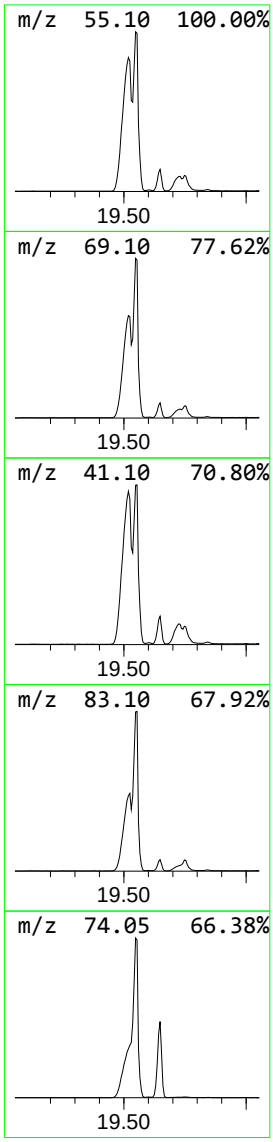
****
Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.554	95.97 ng	9839010	Phenanthrene-d10	17.721

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	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98





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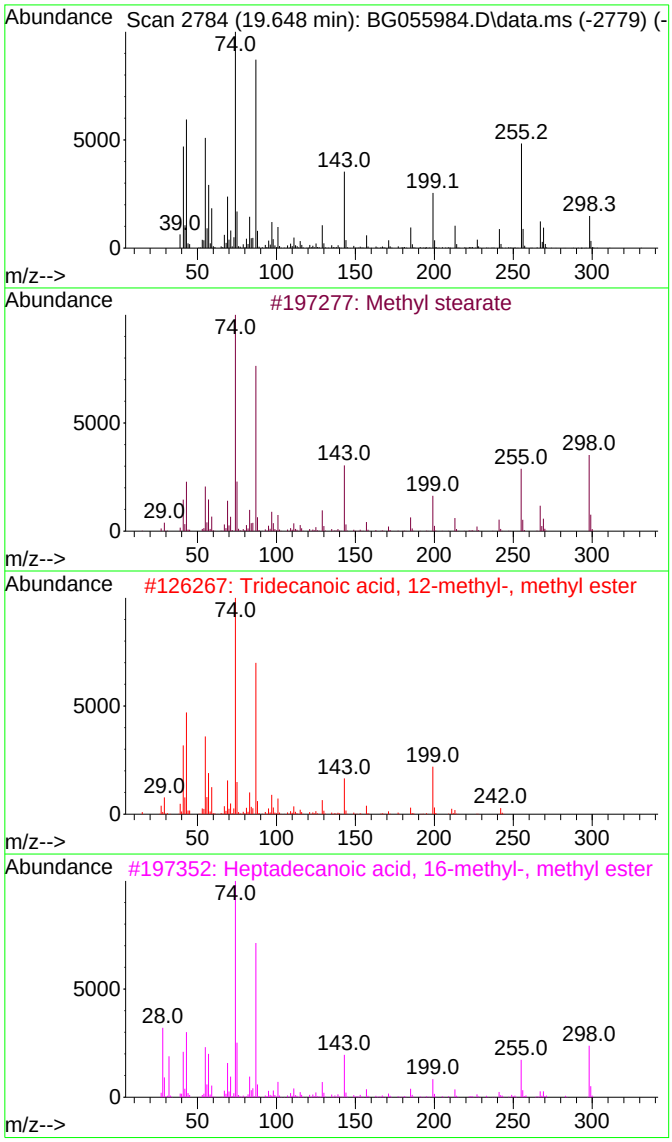
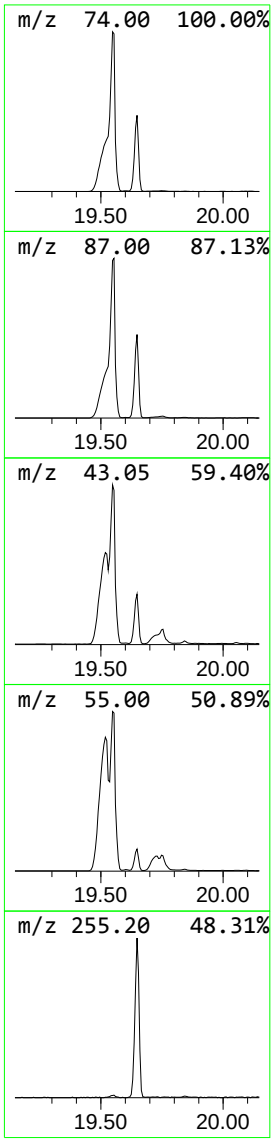
Peak Number 5 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.648	12.91 ng	1323680	Phenanthrene-d10	17.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	64
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	55





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic aci...	18.361	20.0	ng	2050450	4	17.721	2050450	20.0
n-Hexadecanoic ...	18.602	4.2	ng	430659	4	17.721	2050450	20.0
9,12-Octadecadi...	19.519	198.1	ng	20305400	4	17.721	2050450	20.0
9-Octadecenoic ...	19.554	96.0	ng	9839010	4	17.721	2050450	20.0
Methyl stearate	19.648	12.9	ng	1323680	4	17.721	2050450	20.0