LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053302.D
Acq On : 23 Apr 2022 20:51
Operator : CG/JU
Sample : N2523-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-042122

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-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053302.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.680	383	390	402	rVB	254248	438688	1.51%	0.755%
2	7.272	652	661	676	rBV	279530	520111	1.78%	0.895%
3	9.275	989	1002	1012	rBV	191033	347363	1.19%	0.598%
4	10.926	1272	1283	1290	rBV	223003	412944	1.42%	0.711%
5	13.358	1690	1697	1705	rVB	474429	747489	2.57%	1.286%
6	14.738	1921	1932	1938	rBV	337674	557131	1.91%	0.959%
7	16.224	2175	2185	2193	rBV	349391	562377	1.93%	0.968%
8	17.481	2393	2399	2406	rBV	373871	581131	1.99%	1.000%
9	18.139	2504	2511	2516	rBV	4369897	5701037	19.56%	9.810%
10	18.368	2546	2550	2561	rBV	216774	376536	1.29%	0.648%
11	19.297	2698	2708	2710	rBV	16510871	29141591	100.00%	50.144%
12	19.326	2710	2713	2720	rVB2	11202484	14387370	49.37%	24.757%
13	19.432	2726	2731	2737	rVB	2015581	2549009	8.75%	4.386%
14	19.490	2737	2741	2744	rBV	291818	408523	1.40%	0.703%
15	20.090	2838	2843	2848	rVB	622817	834017	2.86%	1.435%
16	21.770	3125	3129	3136	rVB2	333047	550172	1.89%	0.947%

Sum of corrected areas: 58115489

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ClientSampleId :
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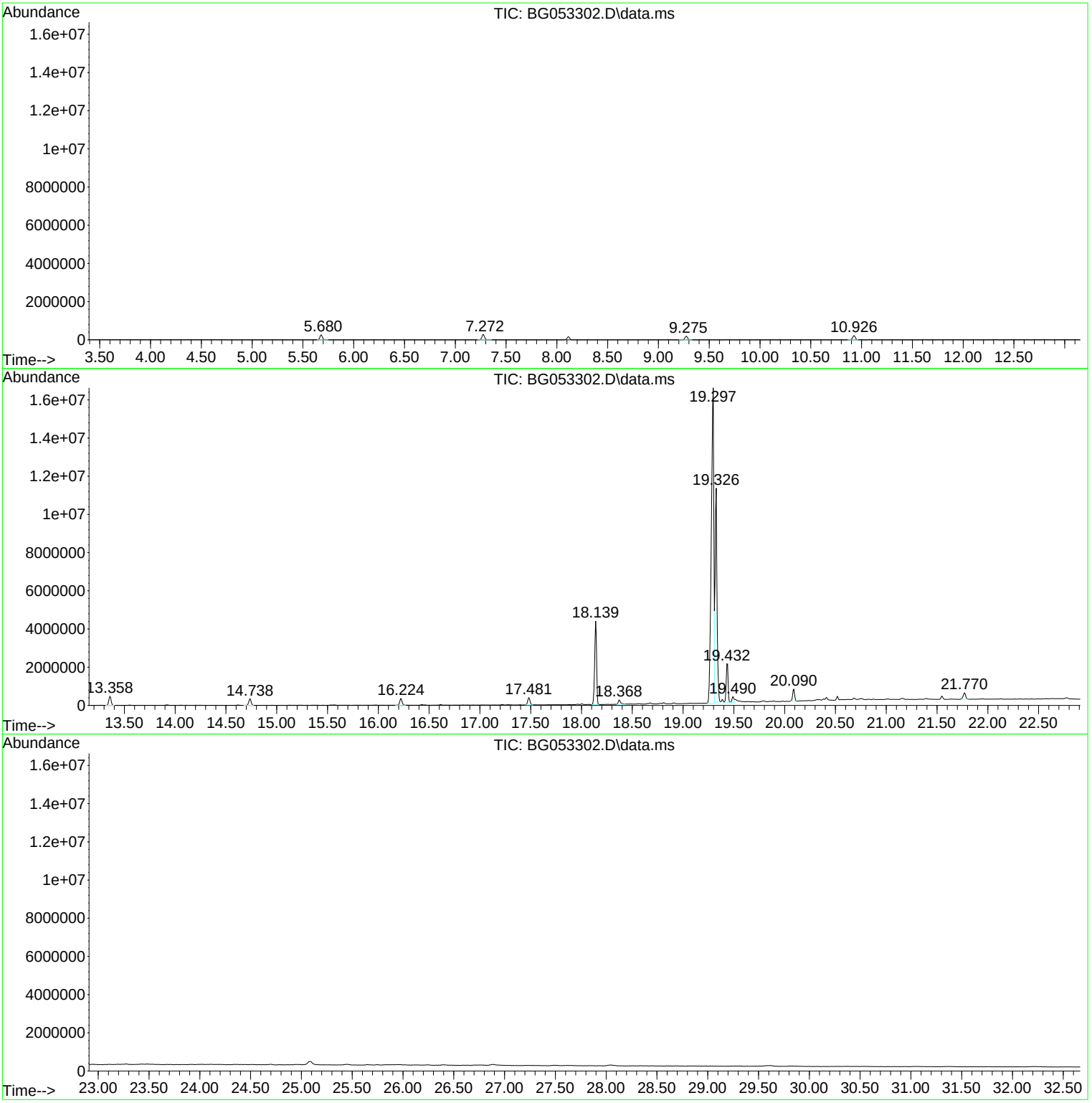
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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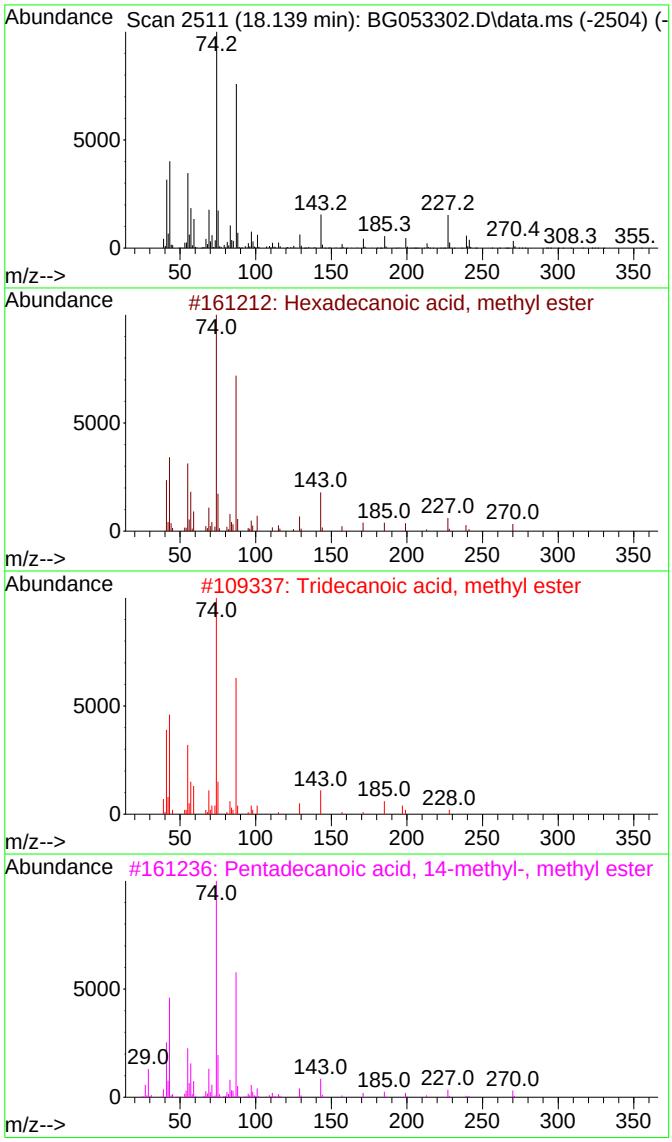
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

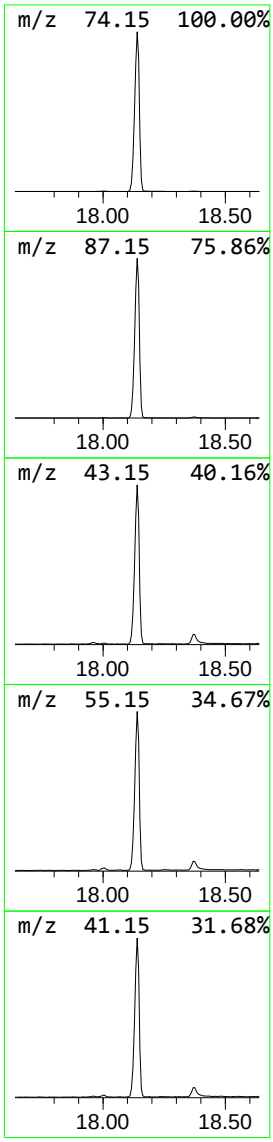
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	196.21 ng	5701040	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	86





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Operator : CG/JU
Sample : N2523-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-042122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

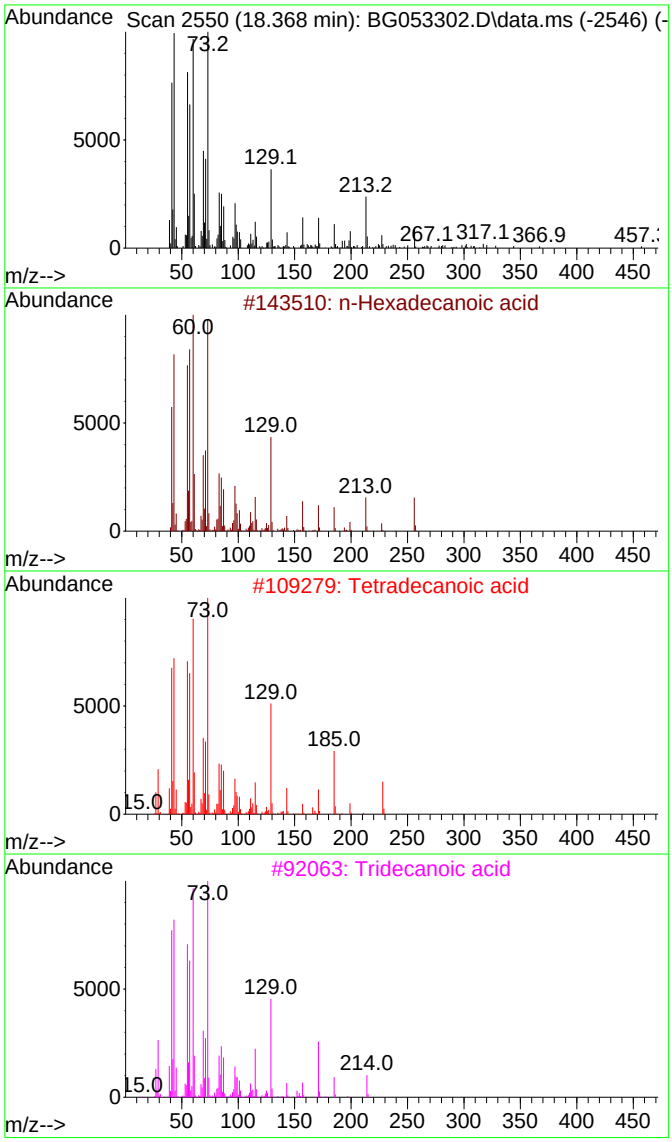
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

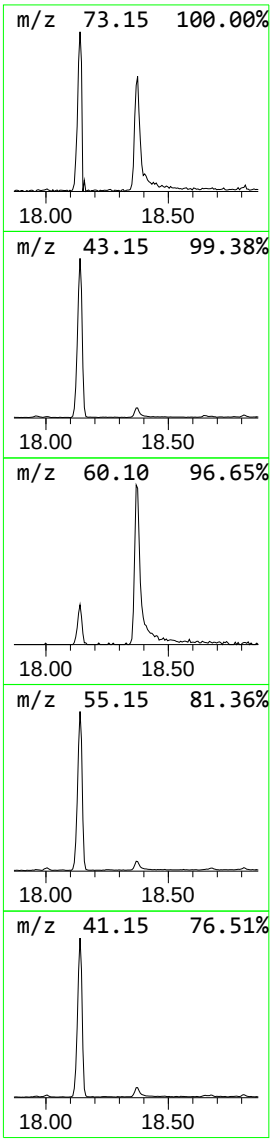
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	12.96 ng	376536	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Nonadecanoic acid	298	C19H38O2	000646-30-0	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Operator : CG/JU
Sample : N2523-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-042122

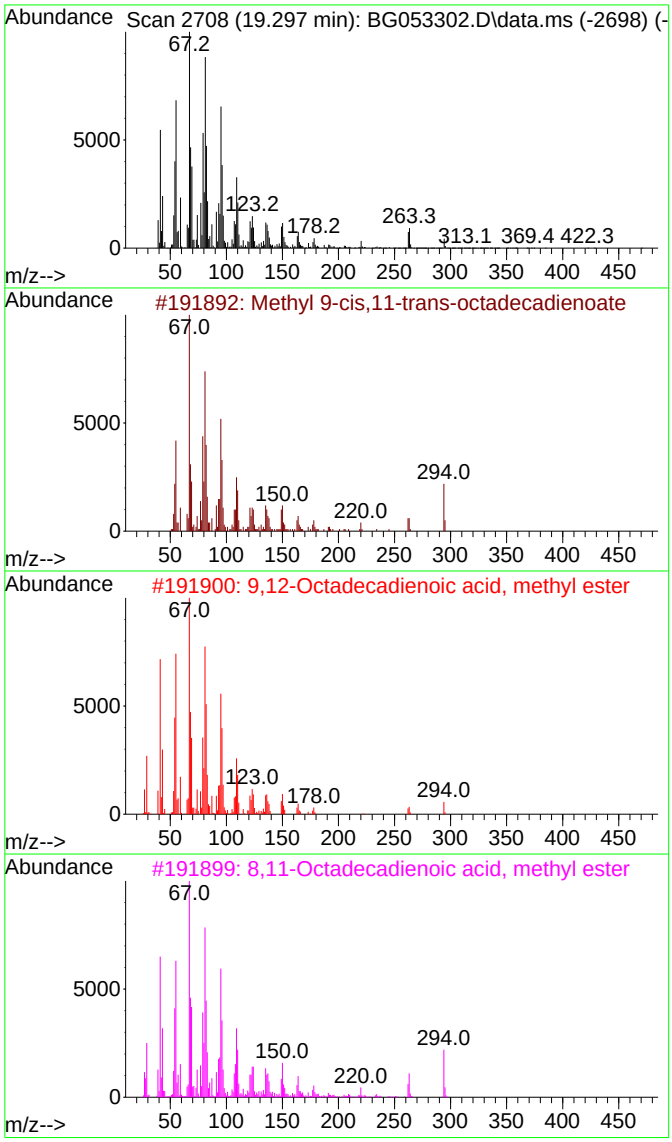
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

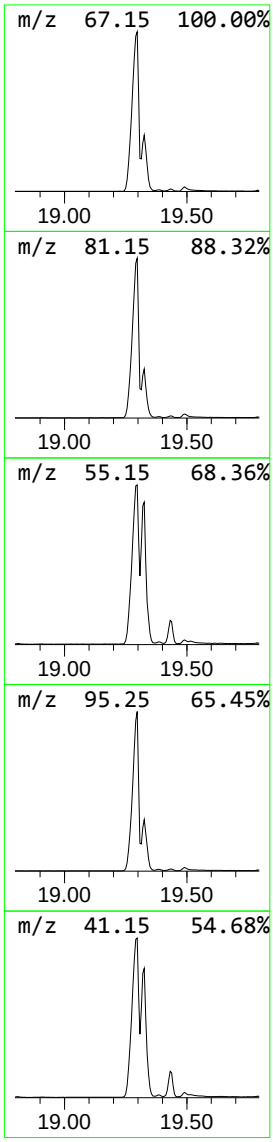
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methyl 9-cis,11-trans-octad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.297	1002.93 ng	29141600	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	96
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95





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Misc :
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Instrument :
BNA_G
ClientSampleId :
SU-01-042122

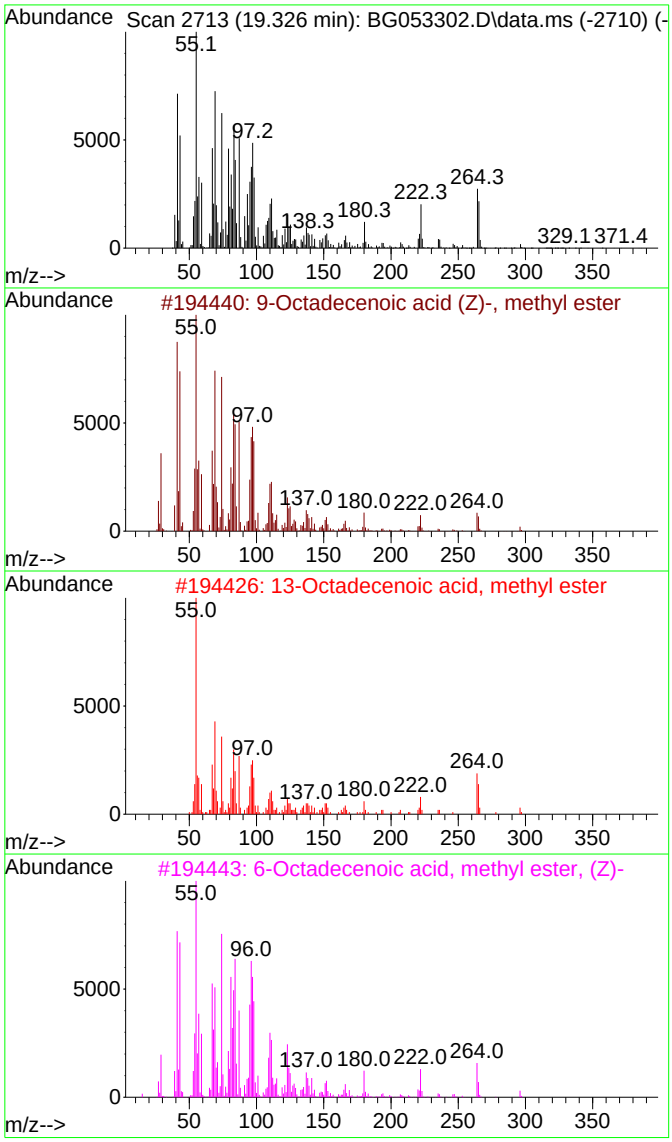
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

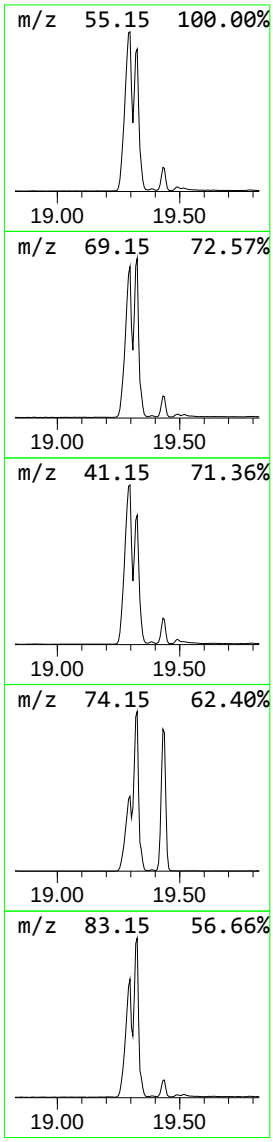
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.326	495.15 ng	14387400	Phenanthrene-d10	17.481

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	98
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94





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Sample : N2523-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-042122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

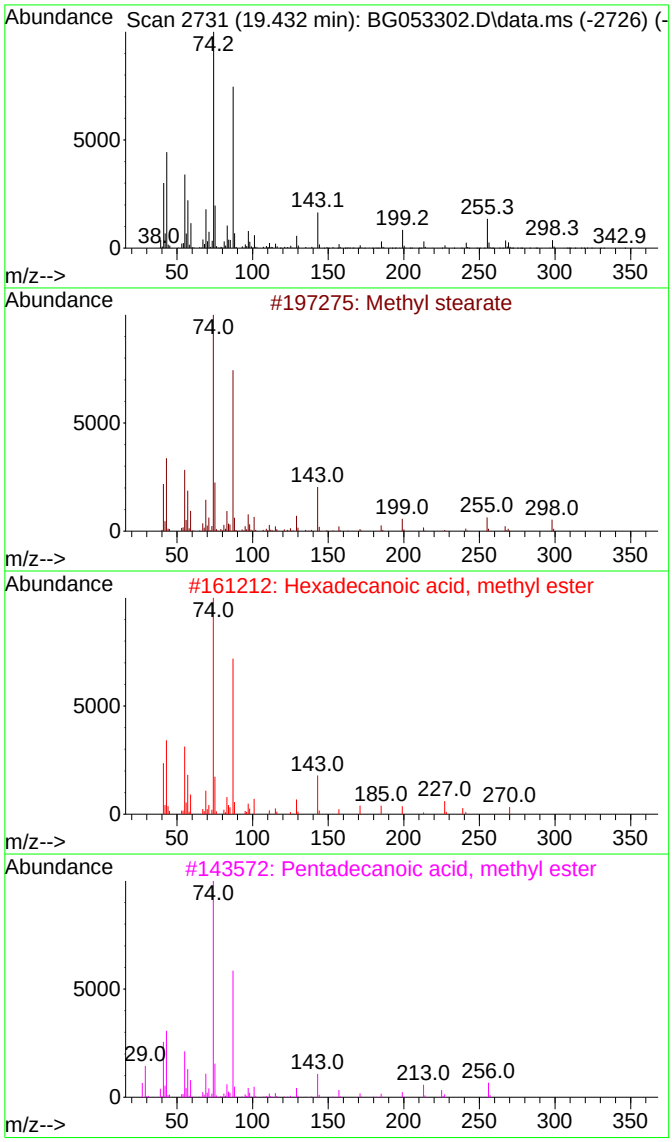
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

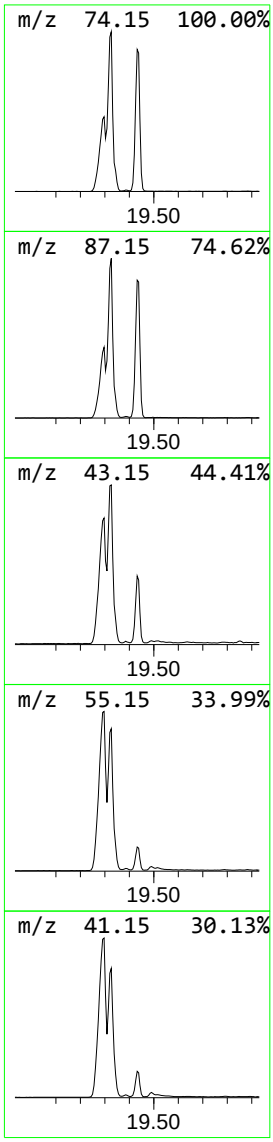
****

Peak Number 5 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.432	87.73 ng	2549010	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl 13-methyltetradecanoate	256	C16H32O2	1000424-50-7	90
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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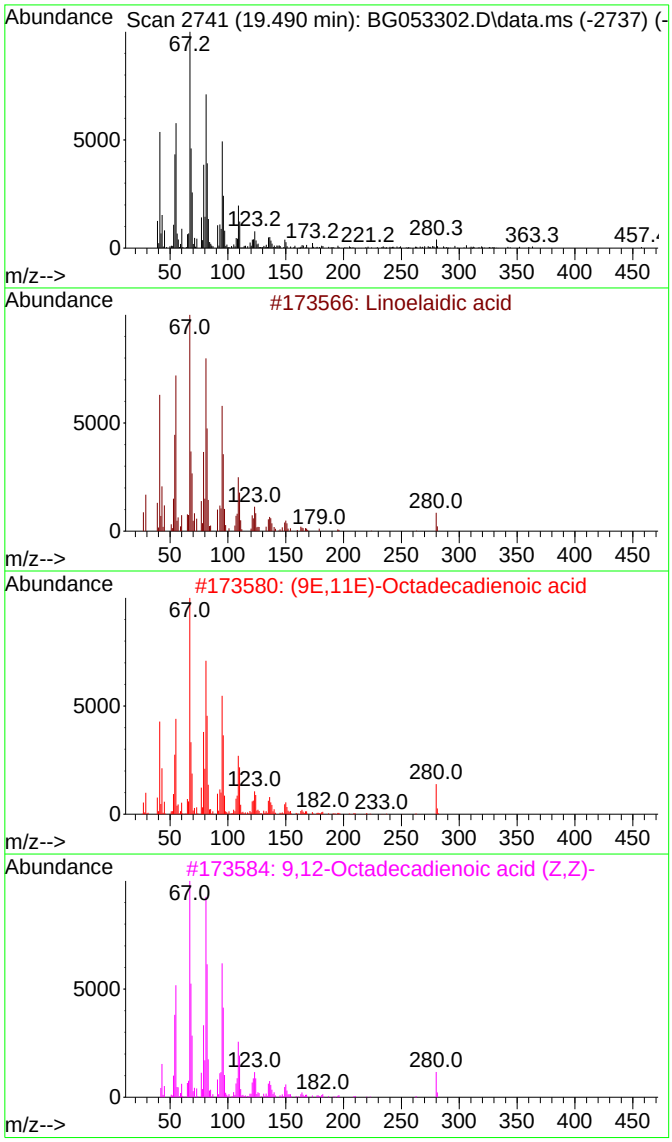
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

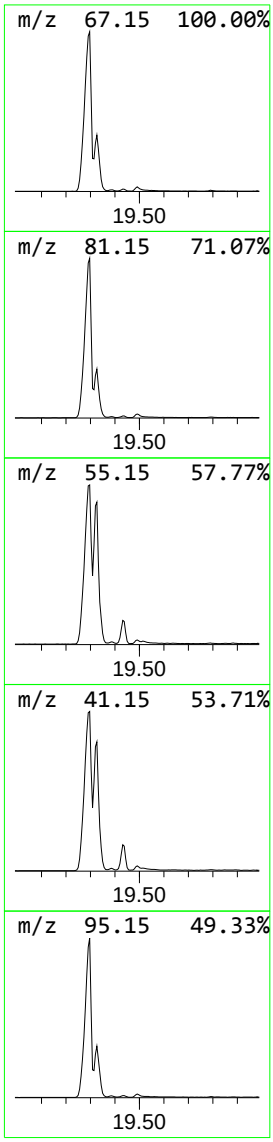
****

Peak Number 6 Linoelaidic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.490	14.06 ng	408523	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linoelaidic acid	280	C18H32O2	000506-21-8	98
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	98
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	93
5	Linoleyl methyl ketone	278	C19H34O	029204-24-8	87





Tentatively Identified Compound (LSC) summary

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Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	18.139	196.2	ng	5701040	4	17.481	581131	20.0
n-Hexadecanoic ...	18.368	13.0	ng	376536	4	17.481	581131	20.0
Methyl 9-cis,11...	19.297	1002.9	ng	29141600	4	17.481	581131	20.0
9-Octadecenoic ...	19.326	495.1	ng	14387400	4	17.481	581131	20.0
Methyl stearate	19.432	87.7	ng	2549010	4	17.481	581131	20.0
Linoelaidic acid	19.490	14.1	ng	408523	4	17.481	581131	20.0