LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053303.D
Acq On : 23 Apr 2022 21:30
Operator : CG/JU
Sample : N2523-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-042122

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: BG053303.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.679	383	390	400	rBV	267940	486321	12.07%	3.304%
2	7.276	655	662	671	rBV	307622	551304	13.68%	3.745%
3	8.116	796	805	815	rBV	163696	298403	7.40%	2.027%
4	9.274	995	1002	1012	rBV	197603	358731	8.90%	2.437%
5	10.924	1270	1283	1293	rBV	221476	419282	10.40%	2.848%
6	13.356	1691	1697	1708	rVB	489526	787899	19.55%	5.353%
7	14.737	1921	1932	1940	rBV	343237	557031	13.82%	3.784%
8	16.223	2176	2185	2192	rBV	365407	582764	14.46%	3.959%
9	16.429	2215	2220	2223	rBV2	27791	41873	1.04%	0.284%
10	17.480	2393	2399	2405	rBV	375782	590700	14.66%	4.013%
11	18.132	2505	2510	2515	rBV	697299	883750	21.93%	6.004%
12	18.250	2526	2530	2536	rBV7	21072	46064	1.14%	0.313%
13	18.361	2545	2549	2555	rBV	154121	243343	6.04%	1.653%
14	19.272	2698	2704	2707	rBV	3028120	4030408	100.00%	27.382%
15	19.301	2707	2709	2719	rVB2	1992170	2475084	61.41%	16.815%
16	19.431	2726	2731	2737	rBV	403871	503146	12.48%	3.418%
17	19.489	2737	2741	2743	rBV3	121881	175154	4.35%	1.190%
18	19.513	2743	2745	2756	rVB3	135456	297678	7.39%	2.022%
19	20.083	2837	2842	2847	rBV	666664	864618	21.45%	5.874%
20	21.769	3124	3129	3136	rVB	308804	525851	13.05%	3.573%

Sum of corrected areas: 14719404

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
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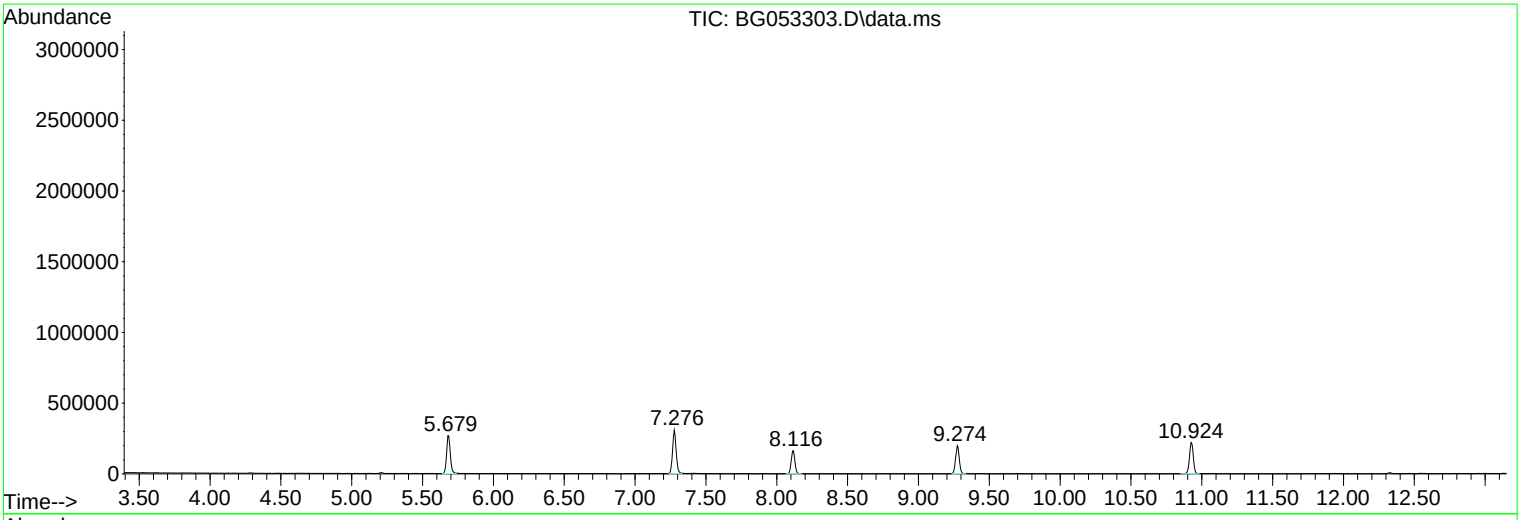
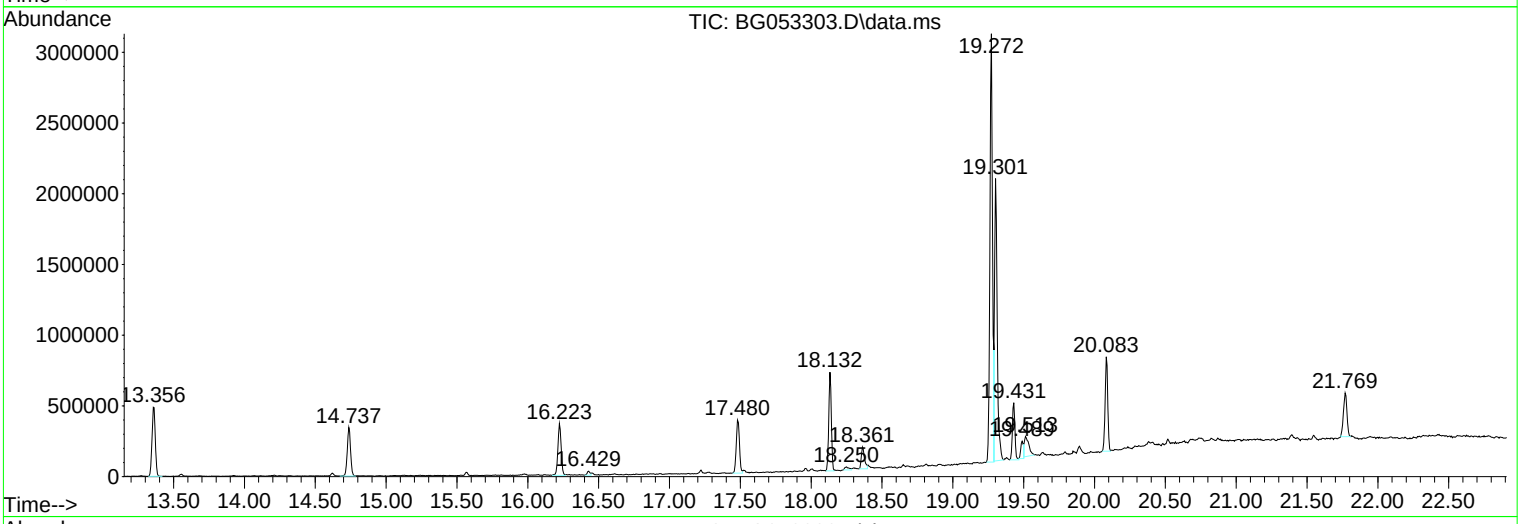
Misc :
ALS Vial : 19 Sample Multiplier: 1

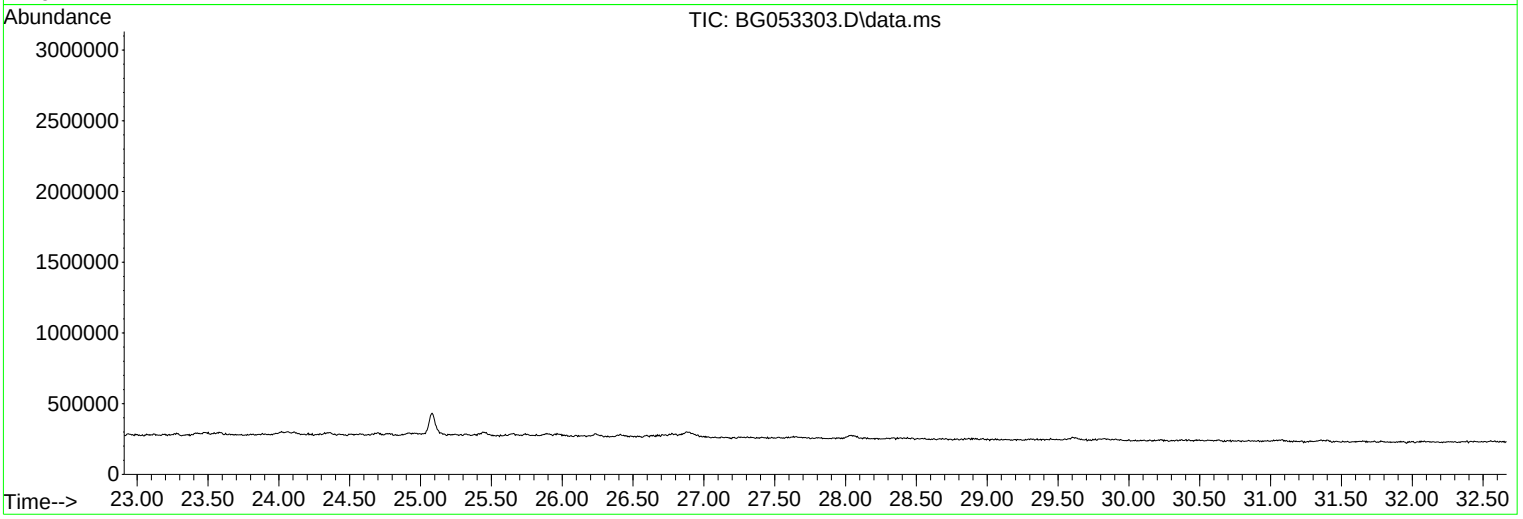
Instrument :
BNA_G
ClientSampleId :
SU-04-042122

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







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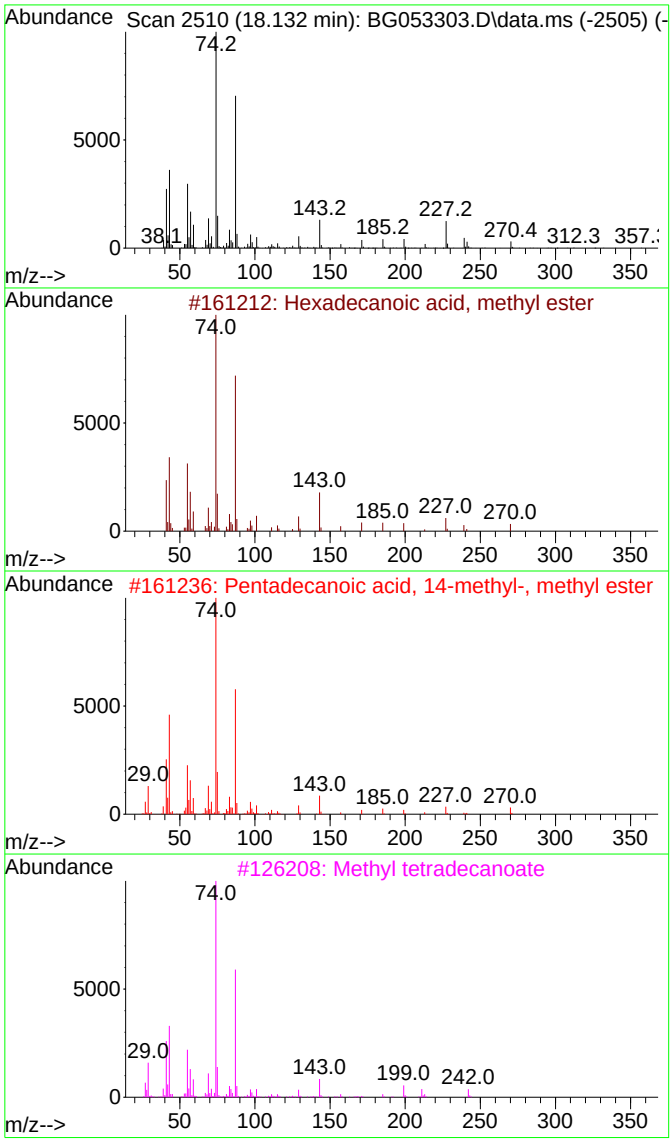
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

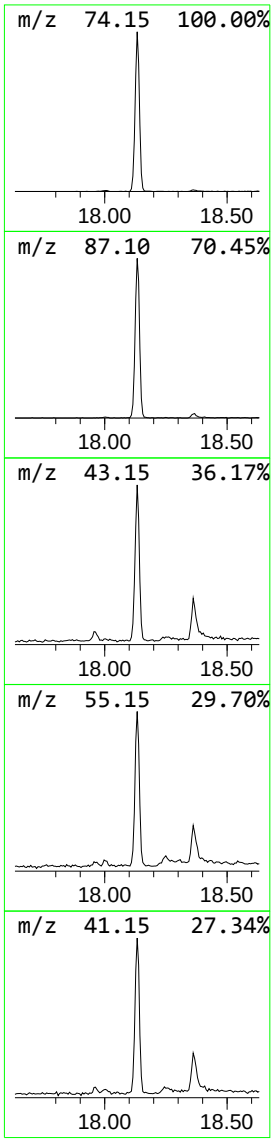
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.132	29.92 ng	883750	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	95
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	89





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Sample : N2523-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-042122

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

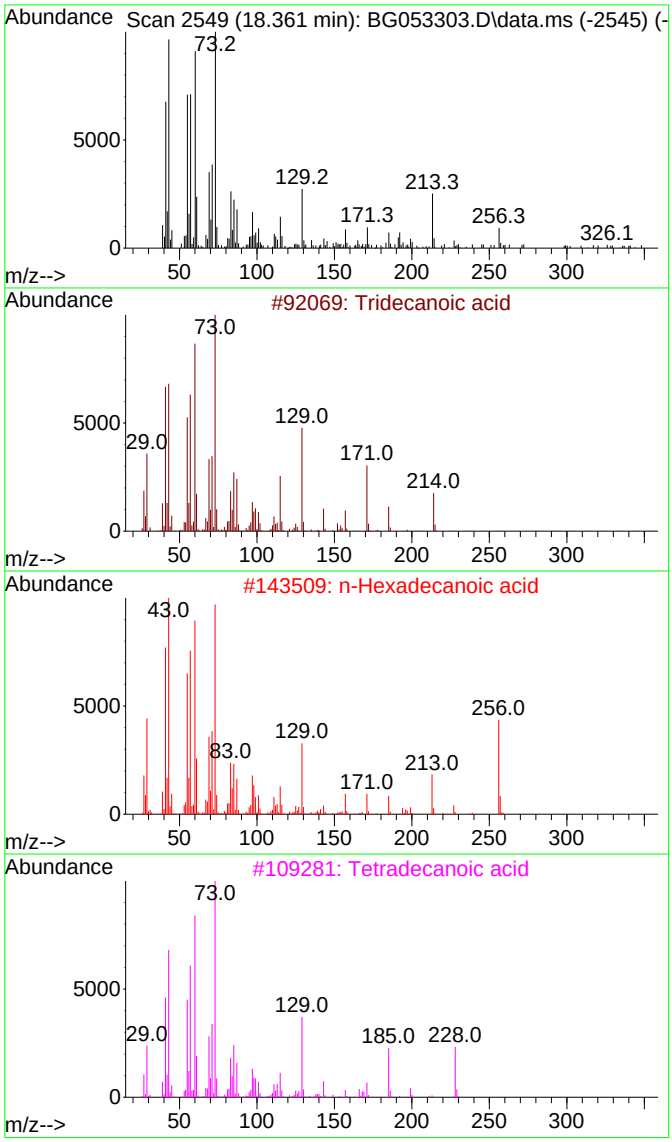
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

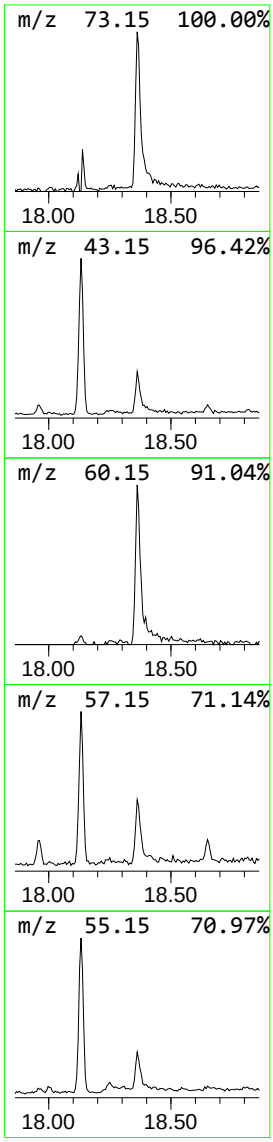
****

Peak Number 2 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.361	8.24 ng	243343	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Data File : BG053303.D
Acq On : 23 Apr 2022 21:30
Operator : CG/JU
Sample : N2523-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-042122

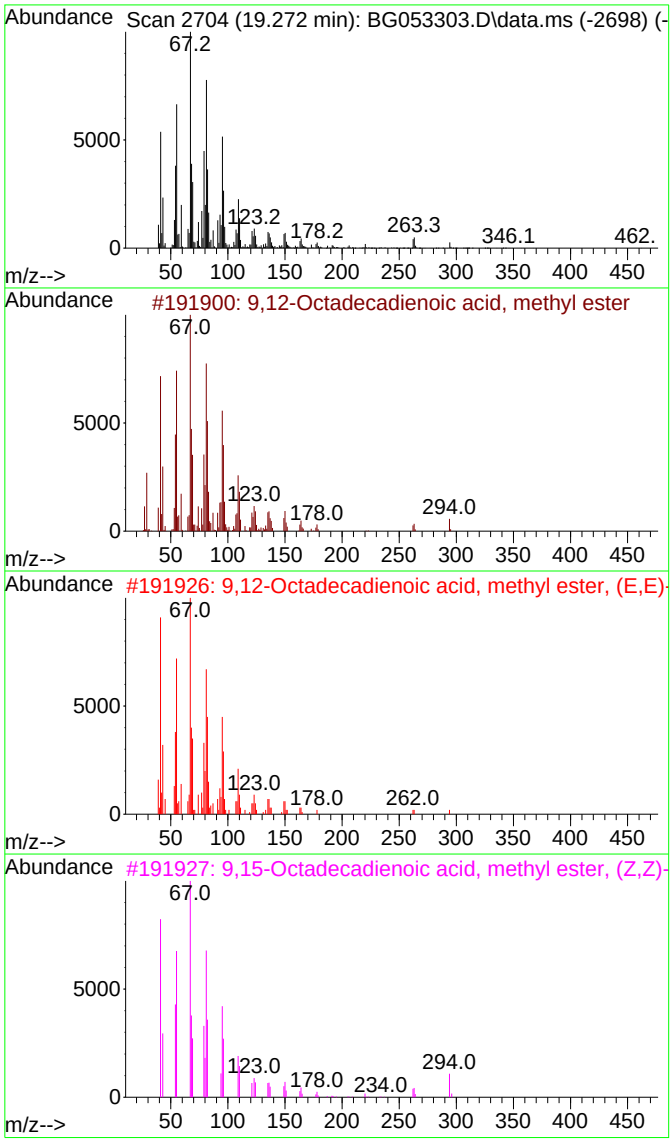
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

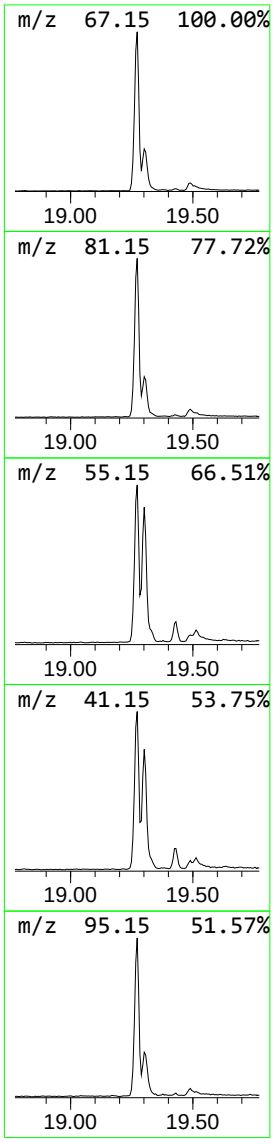
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.272	136.46 ng	4030410	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	96





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Sample : N2523-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-042122

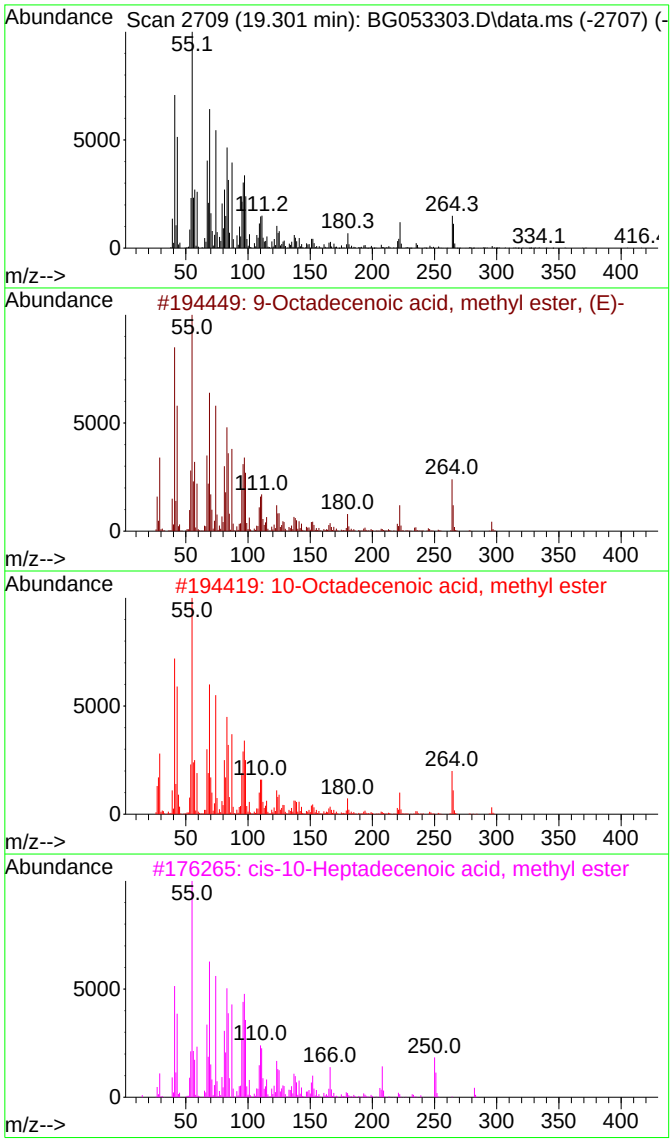
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

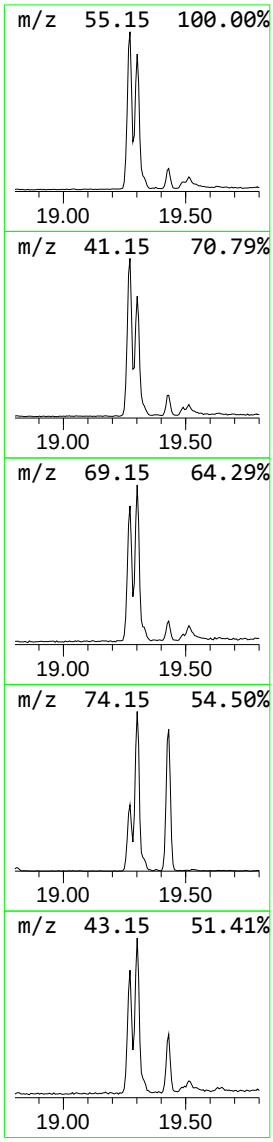
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.301	83.80 ng	2475080	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
3	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	93
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
5	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053303.D
Acq On : 23 Apr 2022 21:30
Operator : CG/JU
Sample : N2523-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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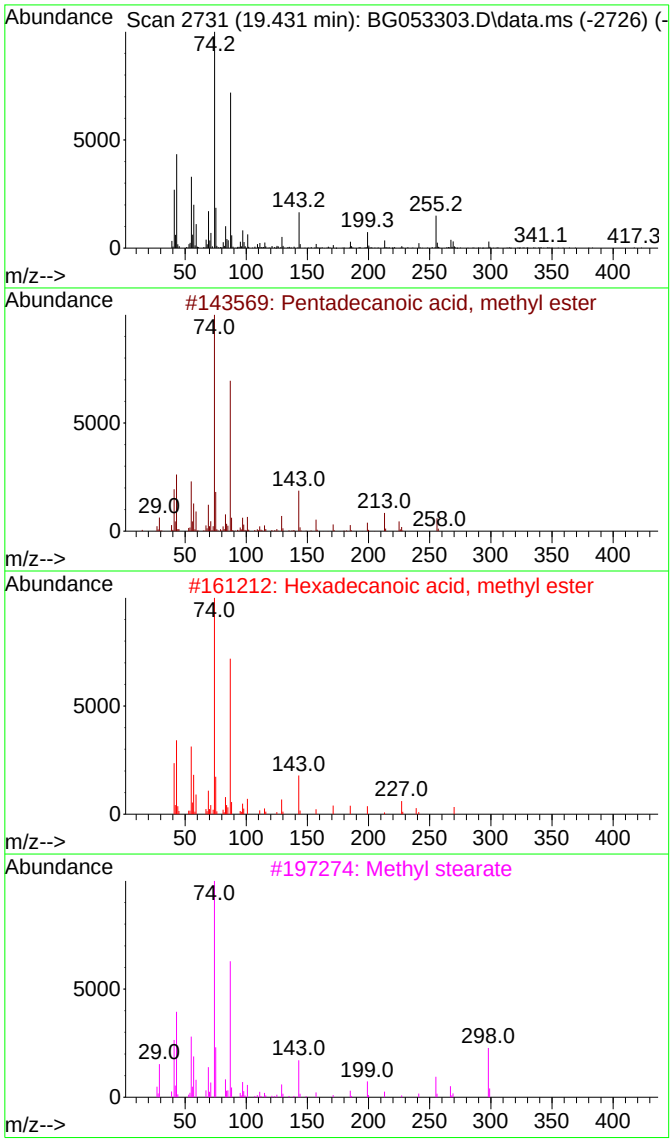
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

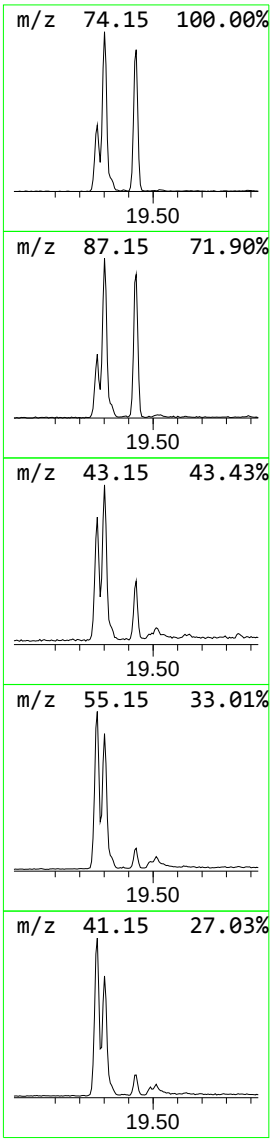
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecanoic acid, methyl ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.430	17.04 ng	503146	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
3	Methyl stearate	298	C19H38O2	000112-61-8	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	83
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81





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Misc :
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Instrument :
BNA_G
ClientSampleId :
SU-04-042122

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

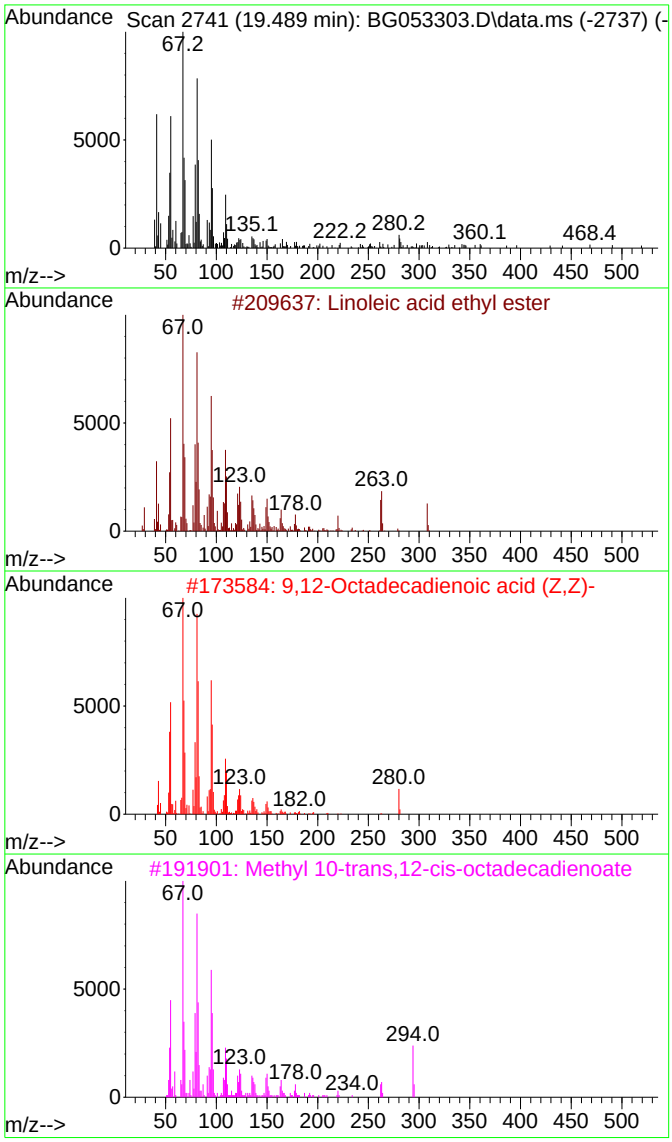
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

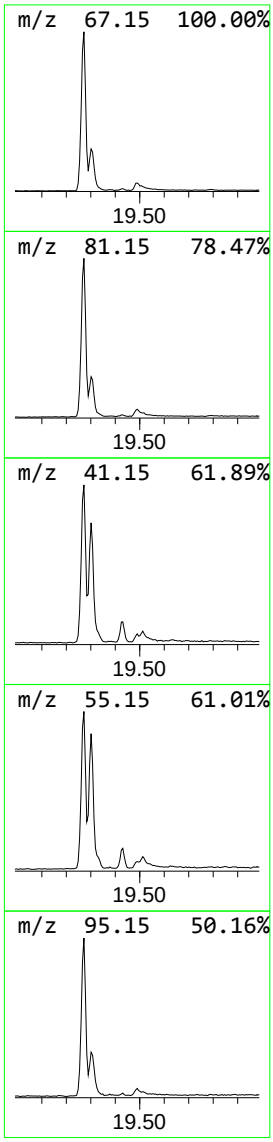
****

Peak Number 6 Linoleic acid ethyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.489	5.93 ng	175154	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linoleic acid ethyl ester	308	C20H36O2	000544-35-4	94
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	91
4	6-Tridecane	180	C13H24	042371-66-4	90
5	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	89





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

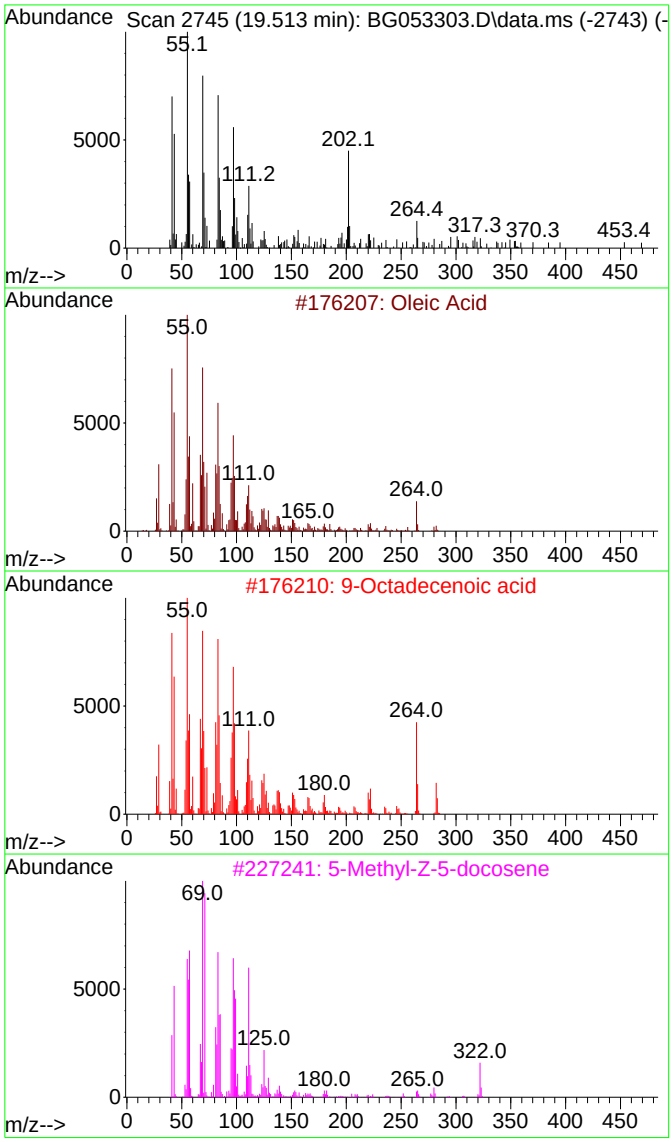
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

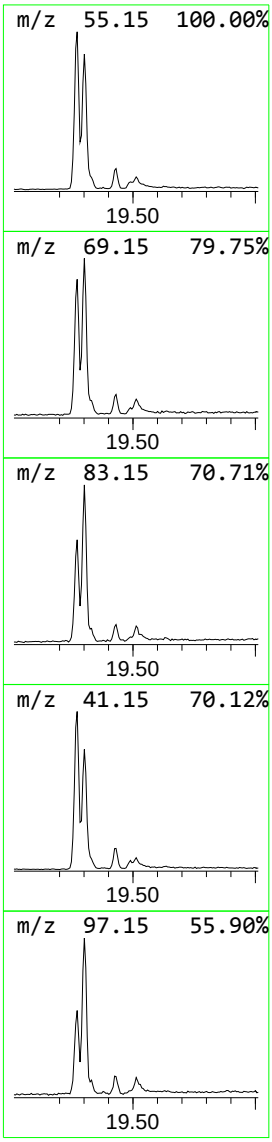
****

Peak Number 7 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.513	10.08 ng	297678	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	83
2	9-Octadecenoic acid	282	C18H34O2	002027-47-6	72
3	5-Methyl-Z-5-docosene	322	C23H46	1000131-17-1	60
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	58
5	11-Tricosene	322	C23H46	052078-56-5	53





Tentatively Identified Compound (LSC) summary

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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...	18.132	29.9	ng	883750	4	17.480	590700	20.0
Tridecanoic acid	18.361	8.2	ng	243343	4	17.480	590700	20.0
9,12-Octadecadi...	19.272	136.5	ng	4030410	4	17.480	590700	20.0
9-Octadecenoic ...	19.301	83.8	ng	2475080	4	17.480	590700	20.0
Pentadecanoic a...	19.430	17.0	ng	503146	4	17.480	590700	20.0
Linoleic acid e...	19.489	5.9	ng	175154	4	17.480	590700	20.0
Oleic Acid	19.513	10.1	ng	297678	4	17.480	590700	20.0