LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052319.D
Acq On : 8 Feb 2022 15:02
Operator : CG/JU
Sample : N1391-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-08-020322

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-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052319.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.756	378	386	396	rBV	527779	872554	7.42%	2.465%
2	7.377	653	662	675	rBV	601349	1061728	9.03%	2.999%
3	8.229	798	807	814	rBV	130993	223611	1.90%	0.632%
4	9.398	999	1006	1013	rBV	382048	679684	5.78%	1.920%
5	11.066	1285	1290	1297	rVB	181627	326959	2.78%	0.924%
6	13.498	1697	1704	1712	rVB	1054629	1566419	13.32%	4.425%
7	14.873	1926	1938	1944	rBV	285765	468981	3.99%	1.325%
8	16.359	2185	2191	2201	rVB	750192	1154395	9.81%	3.261%
9	17.622	2400	2406	2411	rBV	318340	509588	4.33%	1.440%
10	18.268	2510	2516	2522	rVB	2467775	3198424	27.19%	9.036%
11	19.408	2703	2710	2713	rBV	8122074	11763643	100.00%	33.232%
12	19.443	2713	2716	2724	rVB2	7555356	9352172	79.50%	26.420%
13	19.561	2731	2736	2741	rBV	1209637	1336911	11.36%	3.777%
14	20.219	2843	2848	2854	rVB	1392932	1790397	15.22%	5.058%
15	20.536	2899	2902	2909	rVB3	109397	147290	1.25%	0.416%
16	21.305	3028	3033	3042	rVB5	72653	144942	1.23%	0.409%
17	21.940	3136	3141	3147	rVB	257156	446984	3.80%	1.263%
18	25.423	3728	3734	3745	rVB2	112719	353473	3.00%	0.999%

Sum of corrected areas: 35398155

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ClientSampleId :
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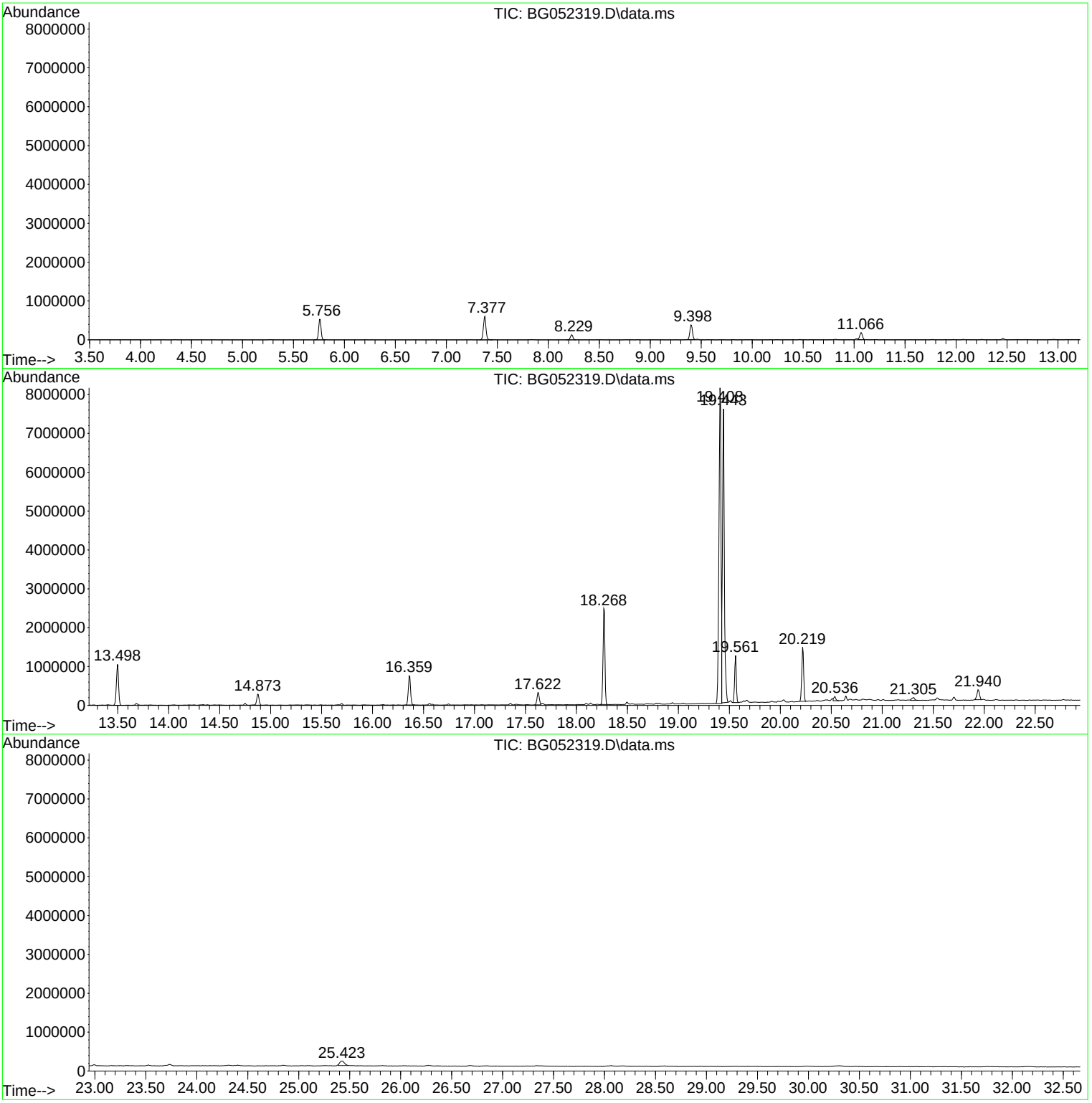
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BG052319.D
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Instrument :
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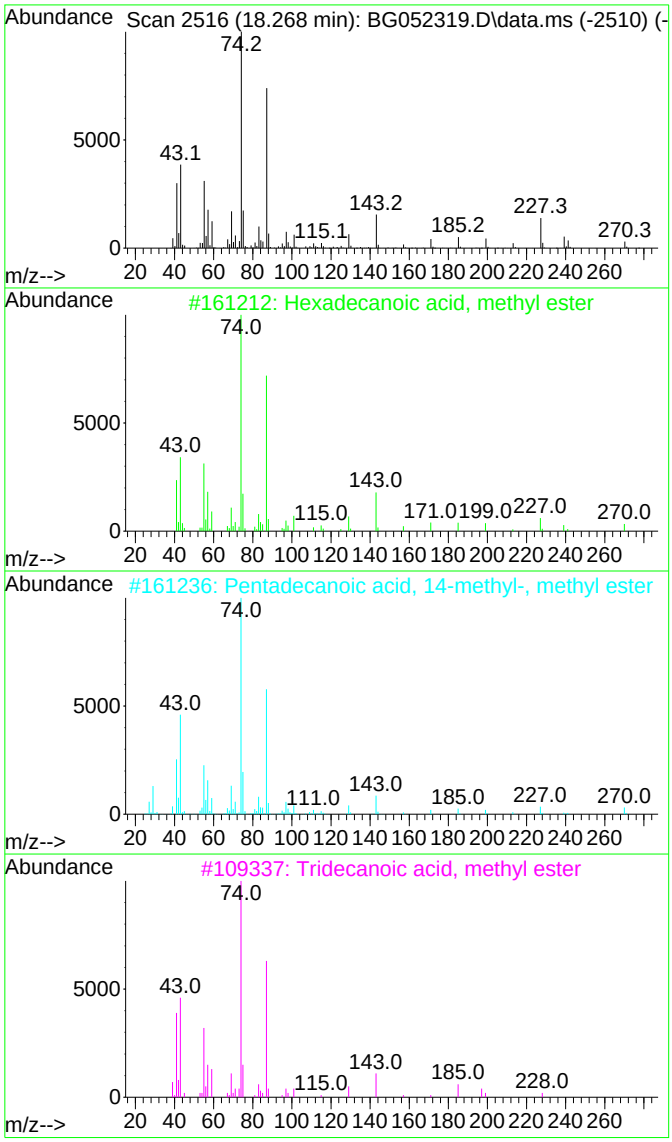
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

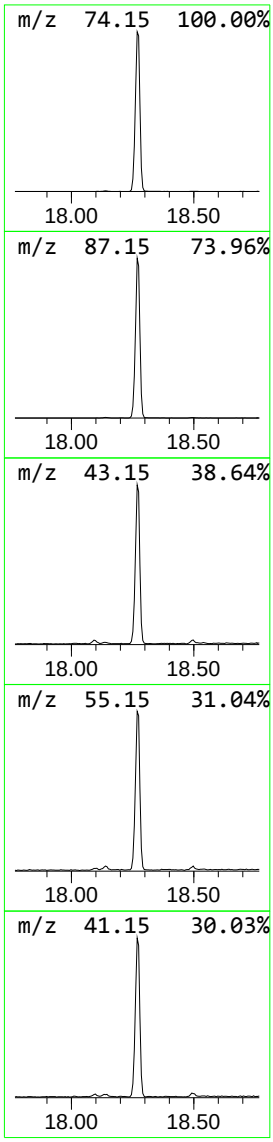
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	125.53 ng	3198420	Phenanthrene-d10	17.622

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Sample : N1391-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-08-020322

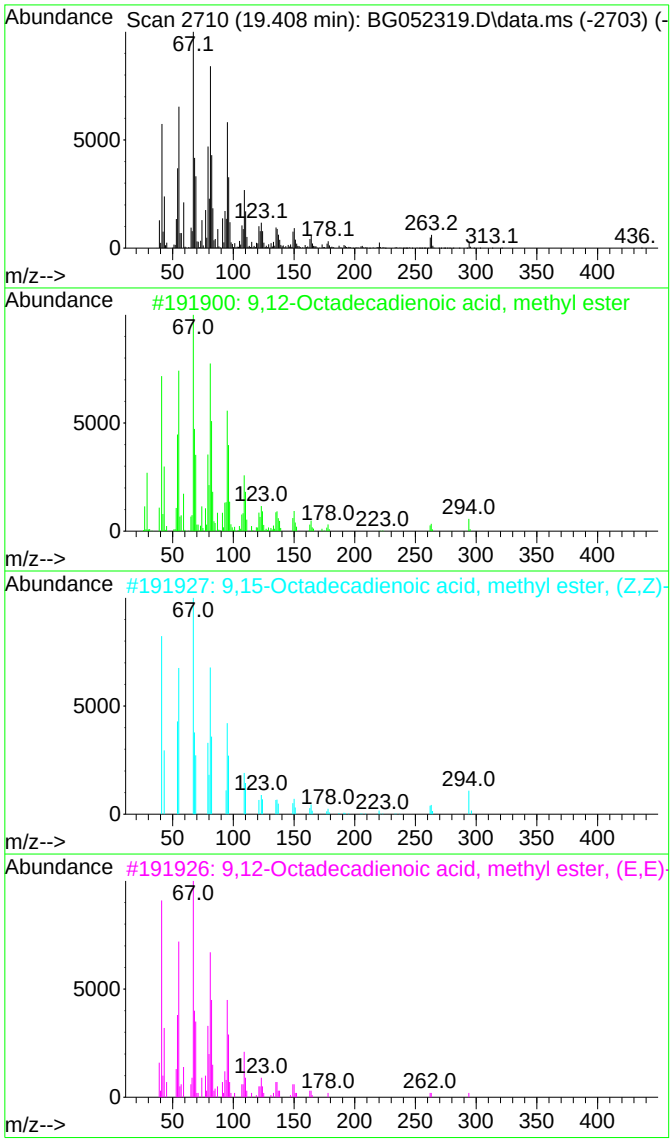
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

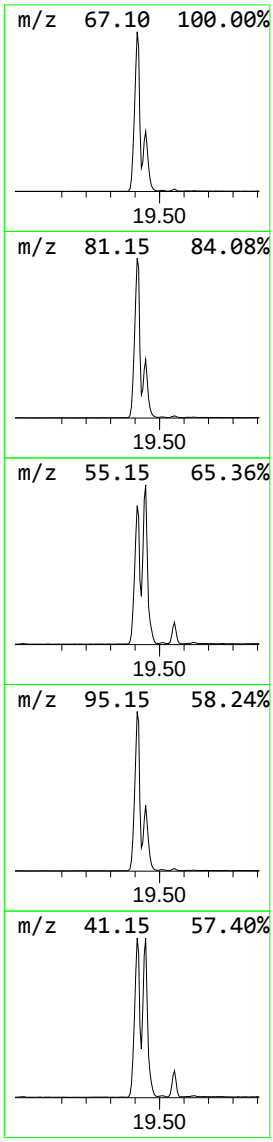
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.408	461.69 ng	11763600	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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Operator : CG/JU
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Misc :
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Instrument :
BNA_G
ClientSampleId :
TR-08-020322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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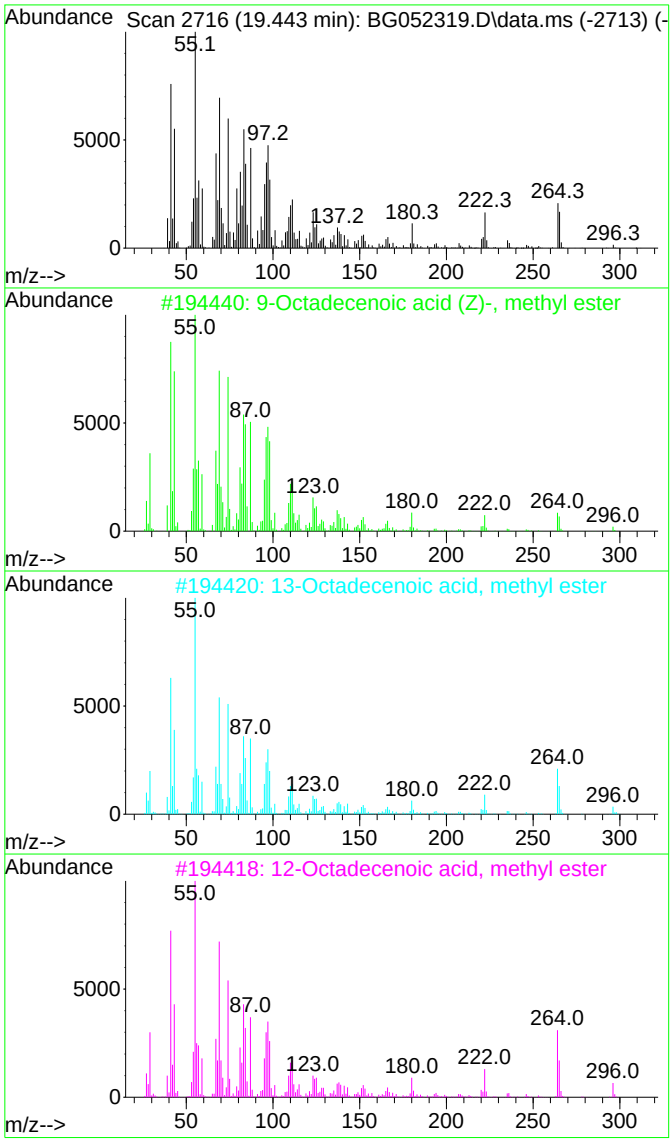
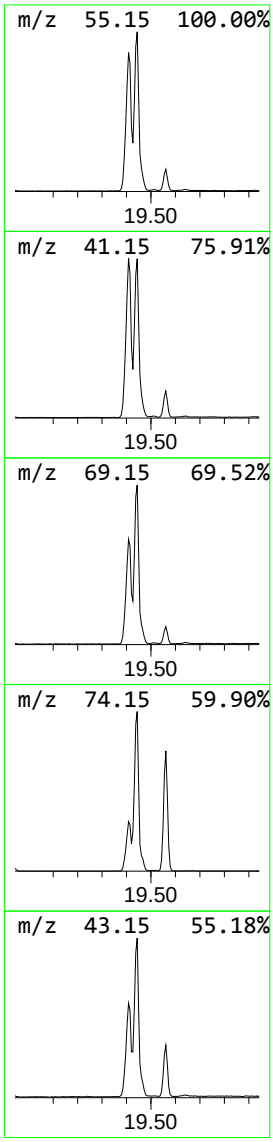
****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.443	367.05 ng	9352170	Phenanthrene-d10	17.622

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	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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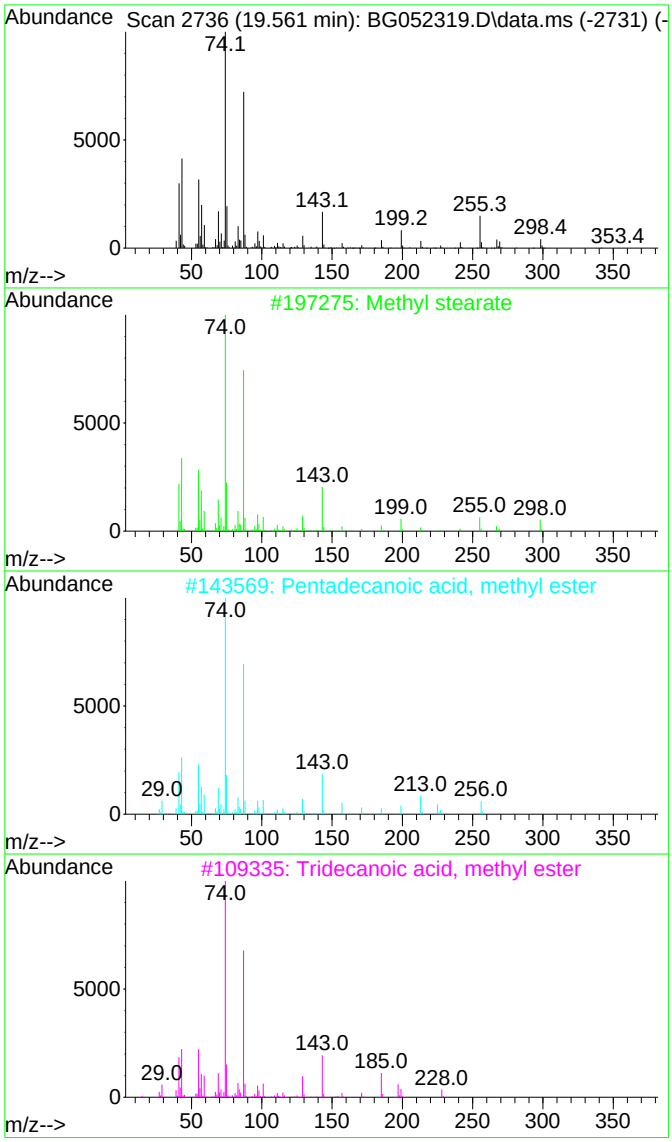
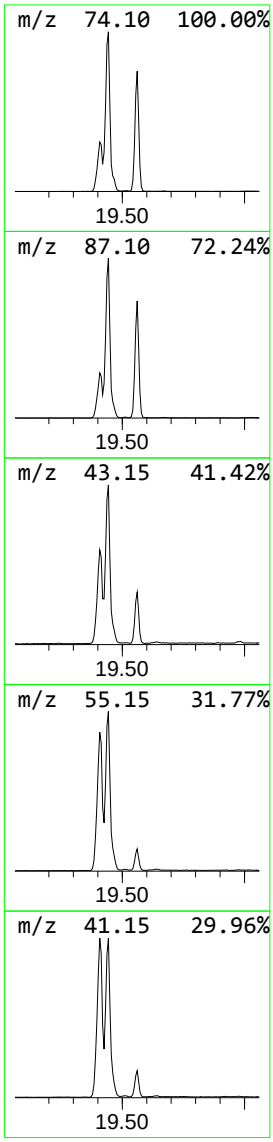
****
Peak Number 4 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.561	52.47 ng	1336910	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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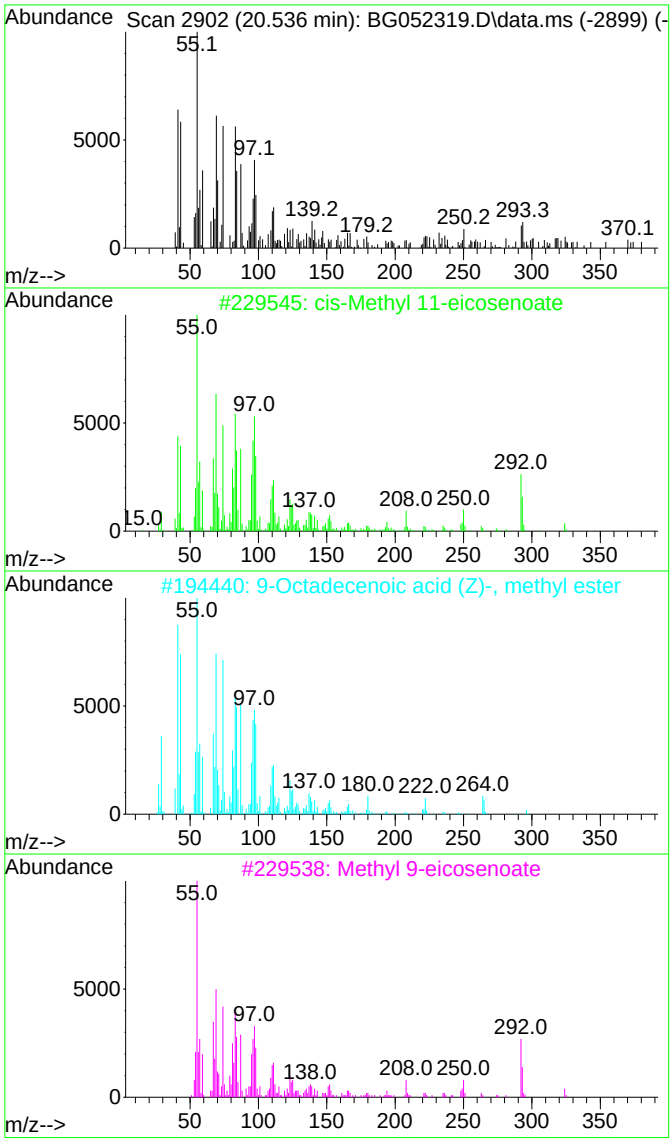
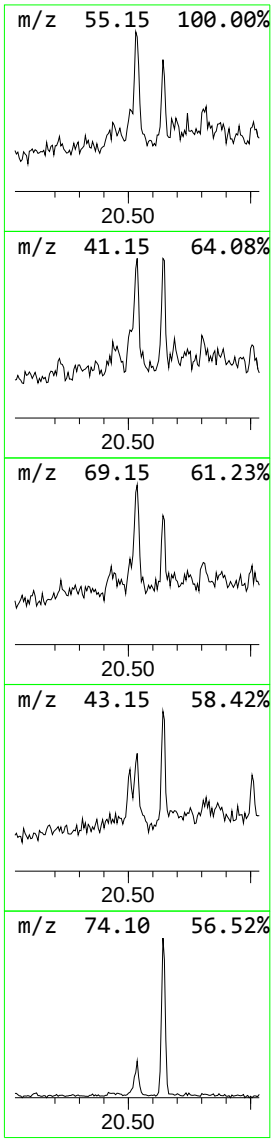
****

Peak Number 5 cis-Methyl 11-eicosenoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.536	6.59 ng	147290	Chrysene-d12	21.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	62
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	62
3	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	53
4	Methyl trans-9-(2-butylcyclopent...	296	C19H36O2	108708-61-8	50
5	13,16-Octadecadienoic acid, meth...	294	C19H34O2	056846-99-2	46





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TIC Library : C:\Database\NIST20.L
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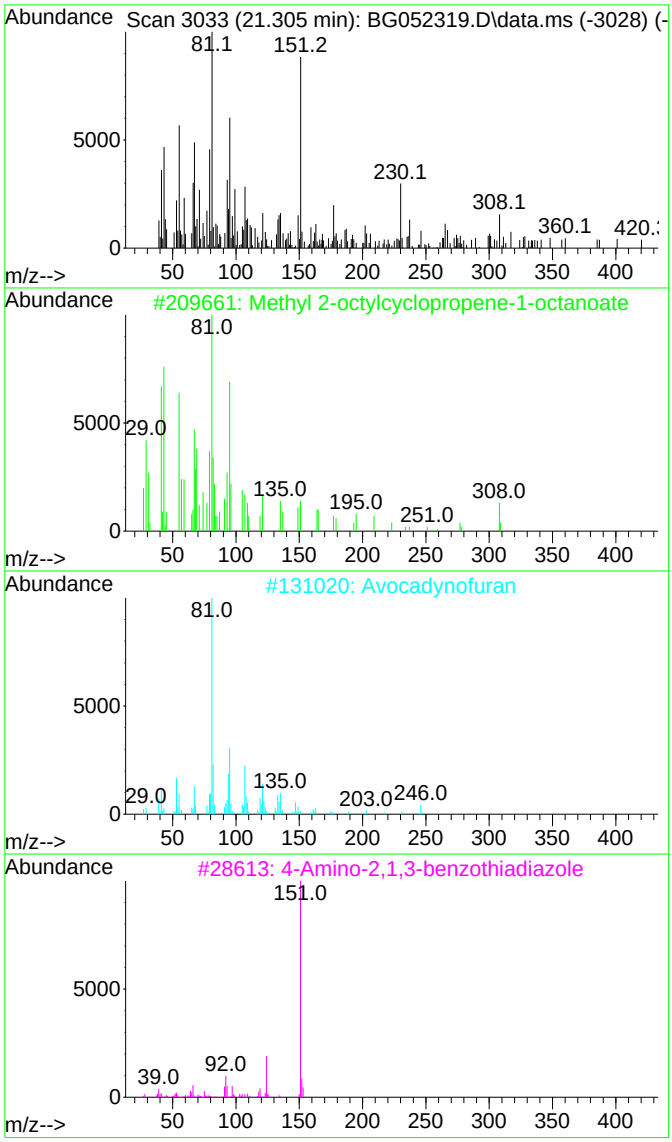
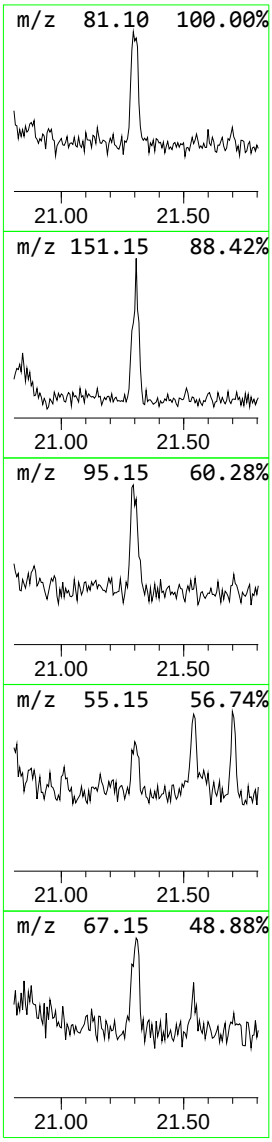
****
Peak Number 6 Methyl 2-octylcyclopropene-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.305	6.49 ng	144942	Chrysene-d12	21.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	80
2	Avocadynofuran	246	C17H26O	024708-33-6	35
3	4-Amino-2,1,3-benzothiadiazole	151	C6H5N3S	000767-64-6	35
4	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	22
5	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	22





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	18.268	125.5	ng	3198420	4	17.622	509588	20.0
9,12-Octadecadi...	19.408	461.7	ng	11763600	4	17.622	509588	20.0
9-Octadecenoic ...	19.443	367.1	ng	9352170	4	17.622	509588	20.0
Methyl stearate	19.561	52.5	ng	1336910	4	17.622	509588	20.0
cis-Methyl 11-e...	20.536	6.6	ng	147290	5	21.940	446984	20.0
Methyl 2-octylc...	21.305	6.5	ng	144942	5	21.940	446984	20.0