LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
Data File : BG053075.D
Acq On : 7 Apr 2022 15:54
Operator : CG/JU
Sample : N2281-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-040622

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053075.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.693	385	392	400	rBV	308518	515805	4.42%	1.777%
2	7.285	655	663	671	rBV	336535	591404	5.07%	2.037%
3	8.125	798	806	814	rBV	171653	308746	2.64%	1.063%
4	9.288	996	1004	1012	rBV	208539	381055	3.26%	1.313%
5	10.939	1274	1285	1291	rBV	224946	430966	3.69%	1.484%
6	13.371	1693	1699	1706	rVB	502520	760176	6.51%	2.618%
7	14.745	1923	1933	1940	rBV	347545	562905	4.82%	1.939%
8	16.232	2178	2186	2194	rBV	392938	603585	5.17%	2.079%
9	17.489	2394	2400	2405	rBV	394849	635938	5.45%	2.190%
10	17.536	2405	2408	2414	rVB	121781	173224	1.48%	0.597%
11	18.147	2506	2512	2518	rVB	1972615	2478845	21.24%	8.538%
12	19.292	2699	2707	2709	rBV	8732184	11672936	100.00%	40.207%
13	19.322	2709	2712	2721	rVB2	4730711	6334764	54.27%	21.820%
14	19.445	2728	2733	2738	rVB	869054	1074283	9.20%	3.700%
15	19.539	2744	2749	2755	rVB	130540	202844	1.74%	0.699%
16	19.903	2807	2811	2818	rVB	118492	190112	1.63%	0.655%
17	20.097	2838	2844	2849	rVB	631385	857891	7.35%	2.955%
18	21.777	3123	3130	3135	rBV	358212	632668	5.42%	2.179%
19	25.090	3686	3694	3705	rVB	214136	623717	5.34%	2.148%

Sum of corrected areas: 29031864

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ClientSampleId :
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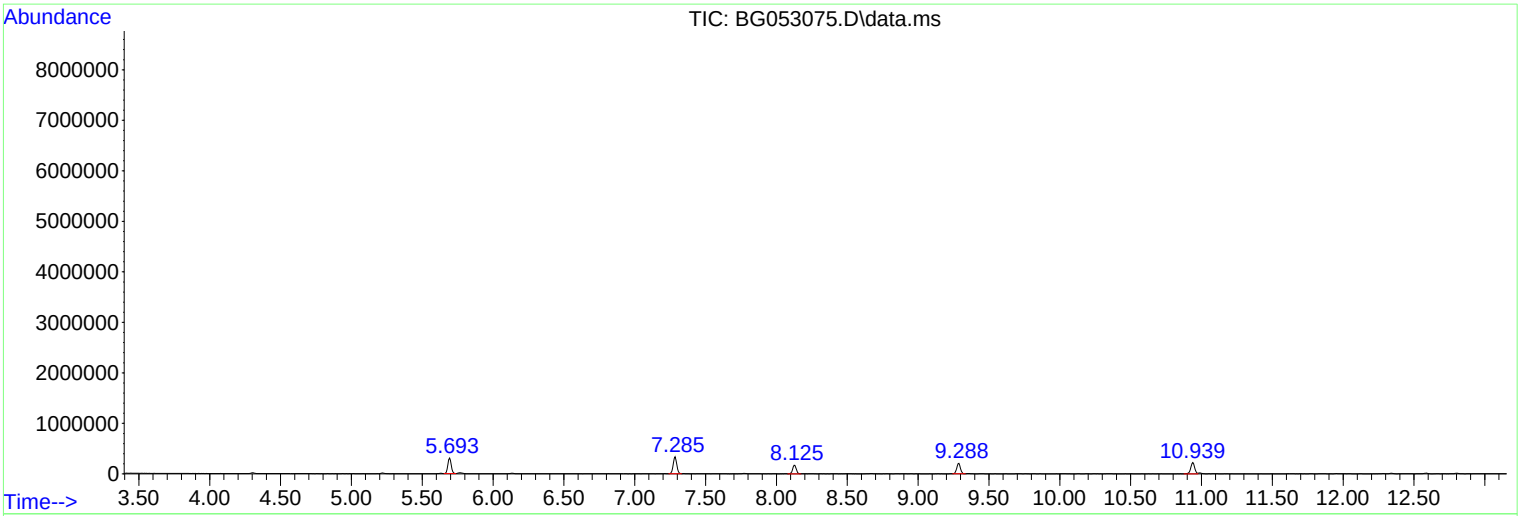
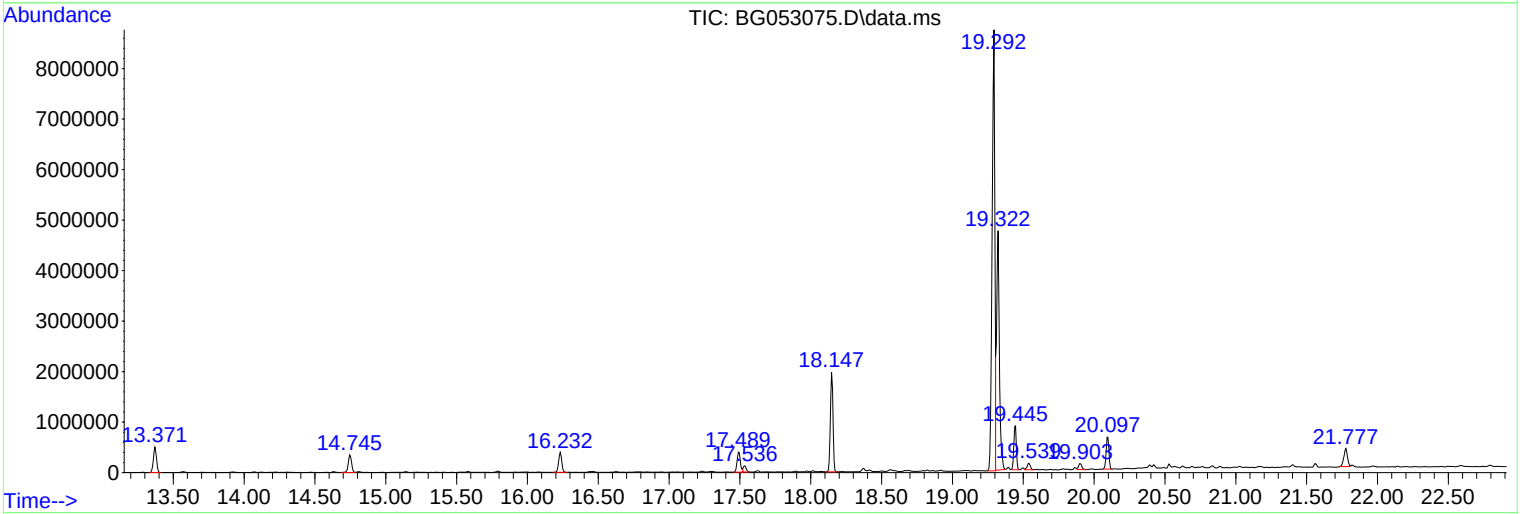
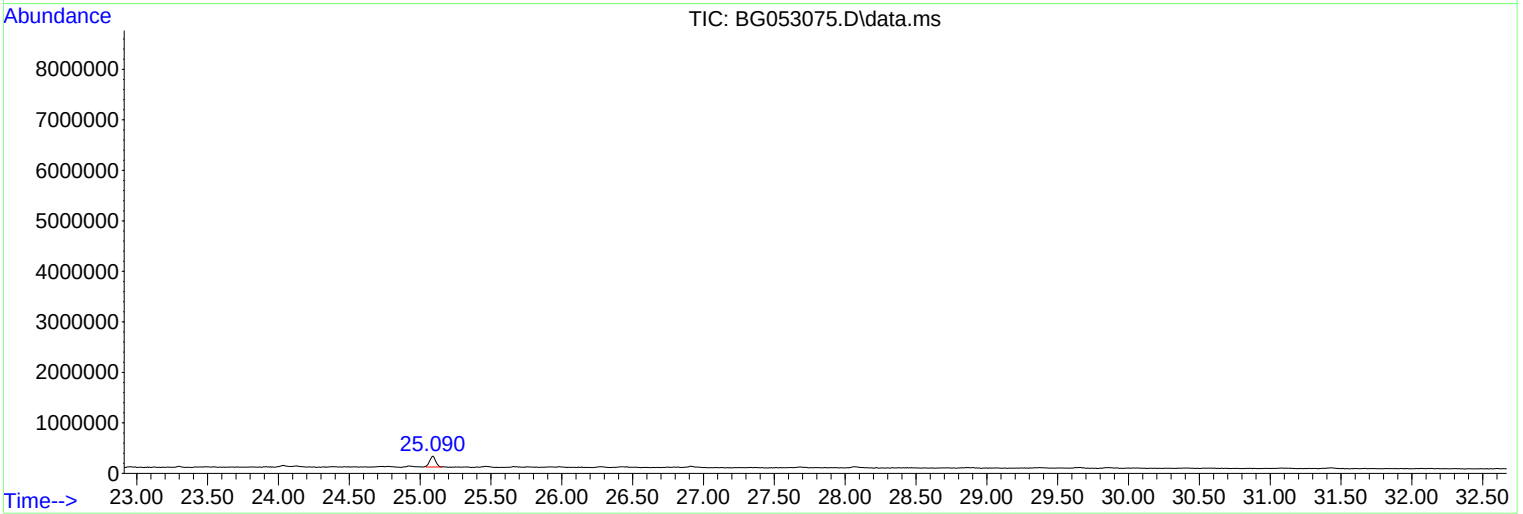
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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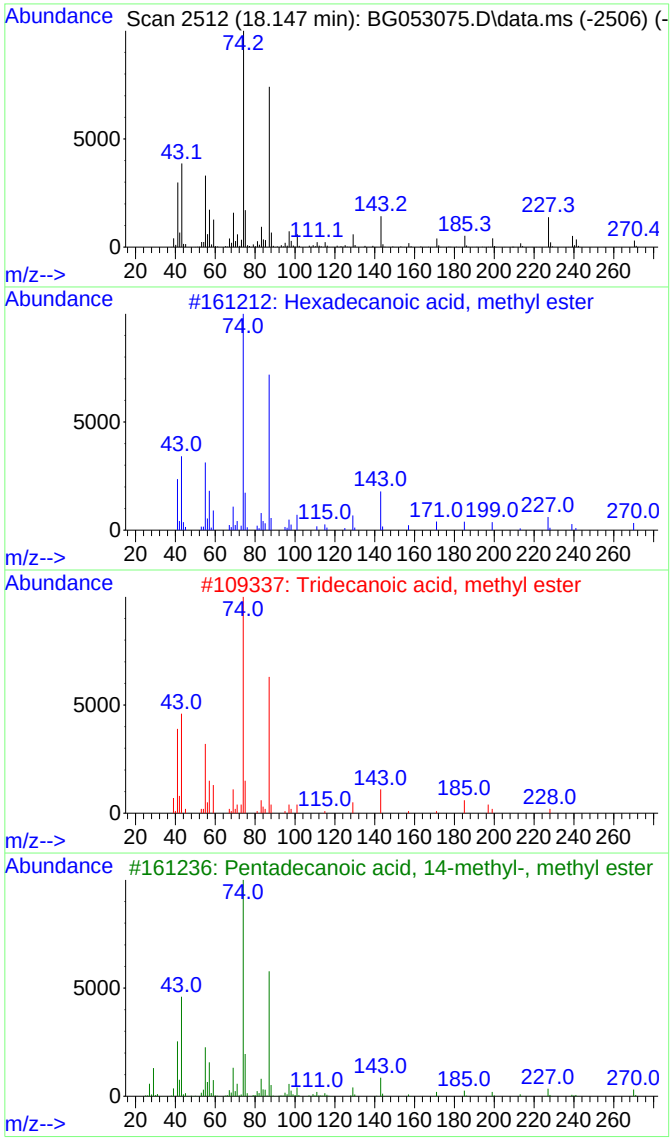
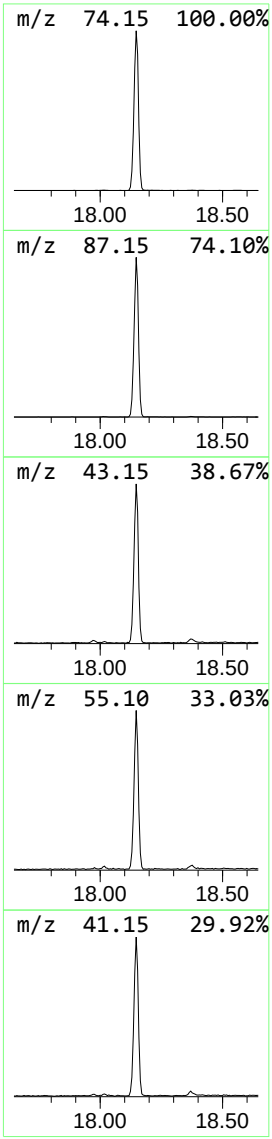
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.147	77.96 ng	2478850	Phenanthrene-d10	17.489

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	96
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	86
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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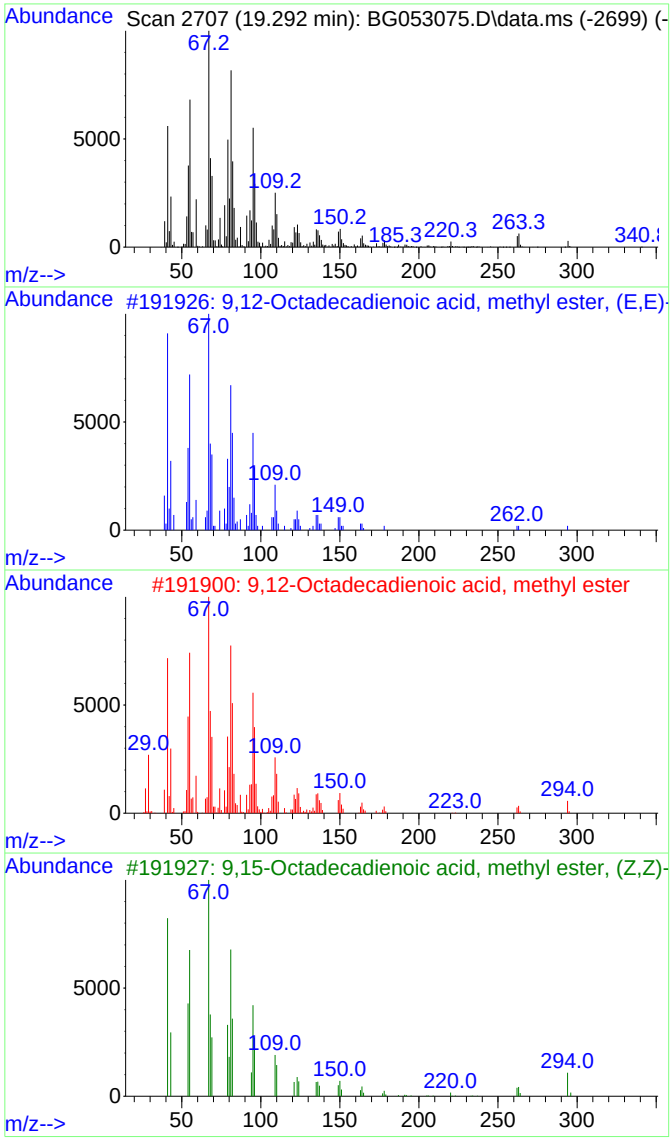
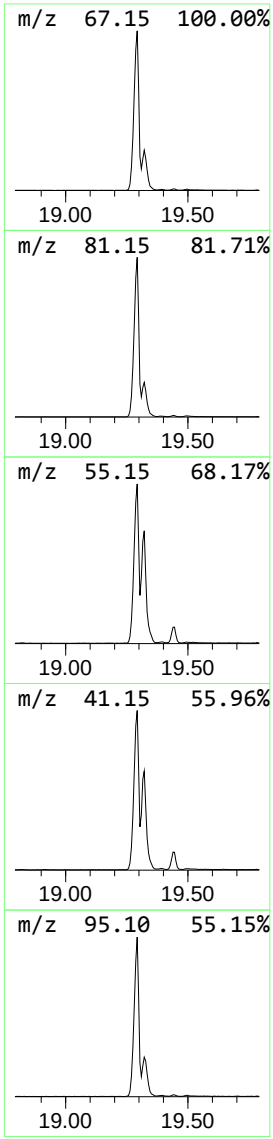
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	367.11 ng	11672900	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	95
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93





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Operator : CG/JU
Sample : N2281-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-040622

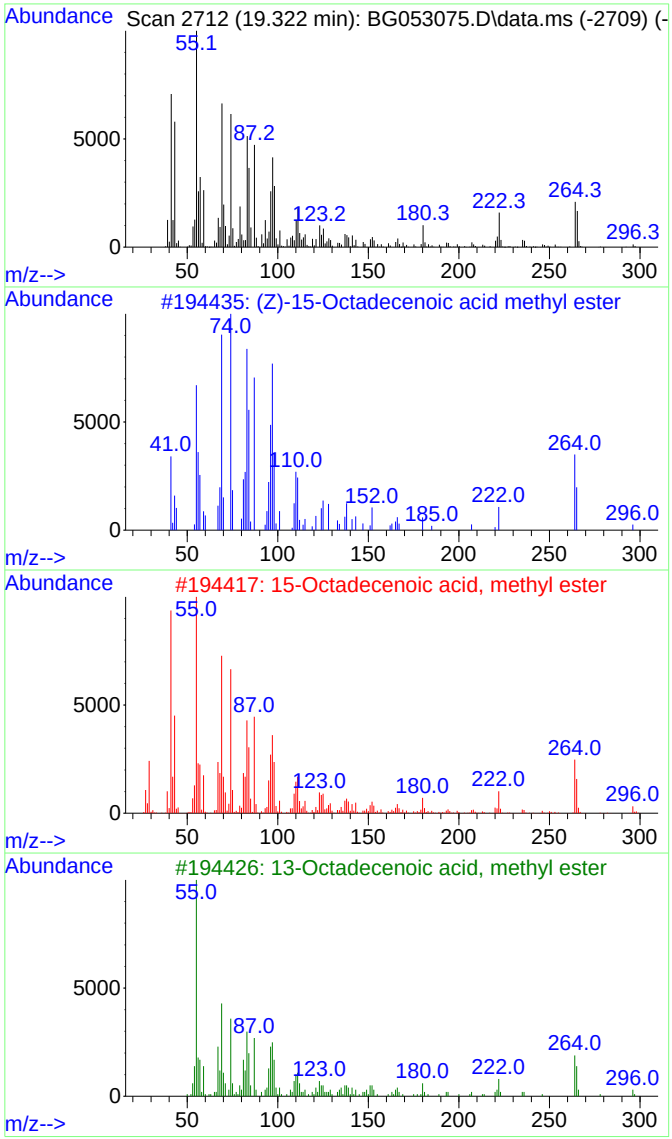
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

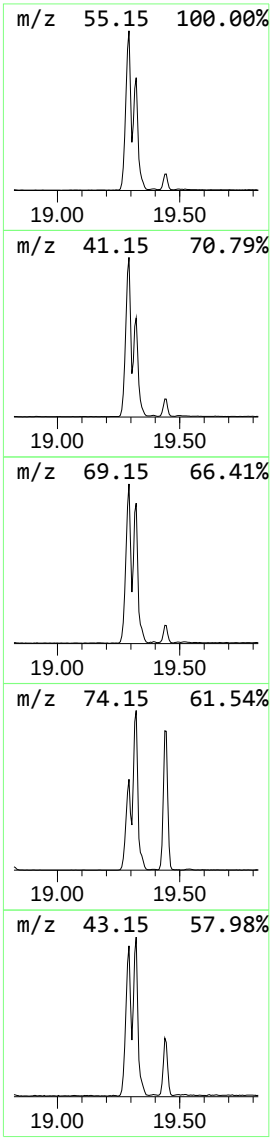
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (Z)-15-Octadecenoic acid me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	199.23 ng	6334760	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	90





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
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TIC Library : C:\Database\NIST20.L
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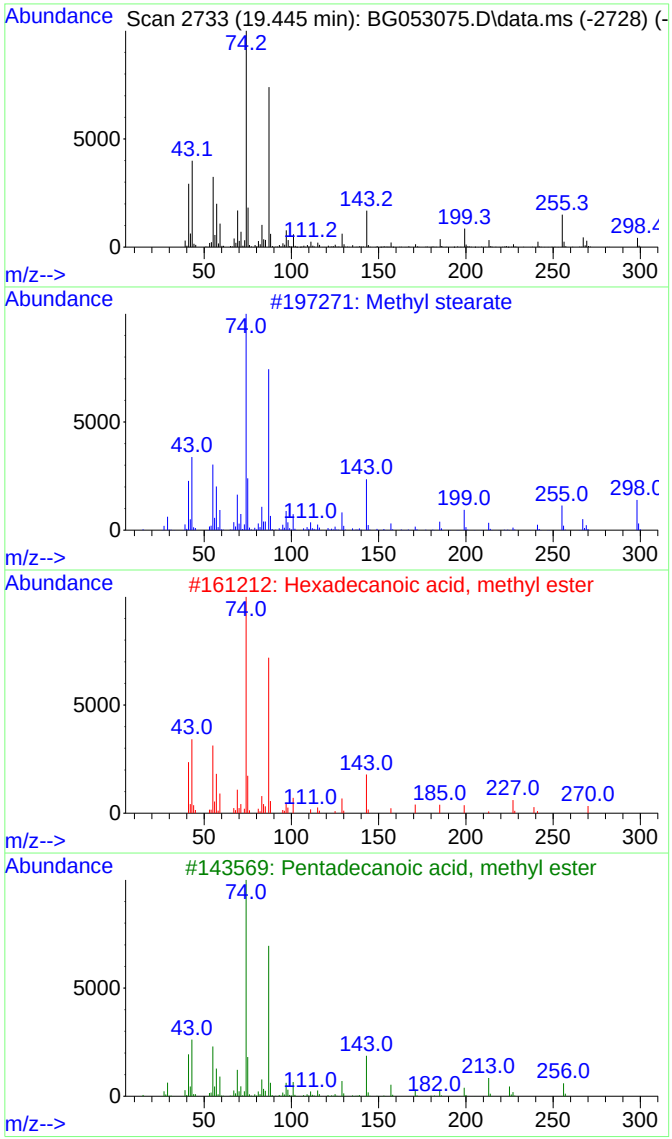
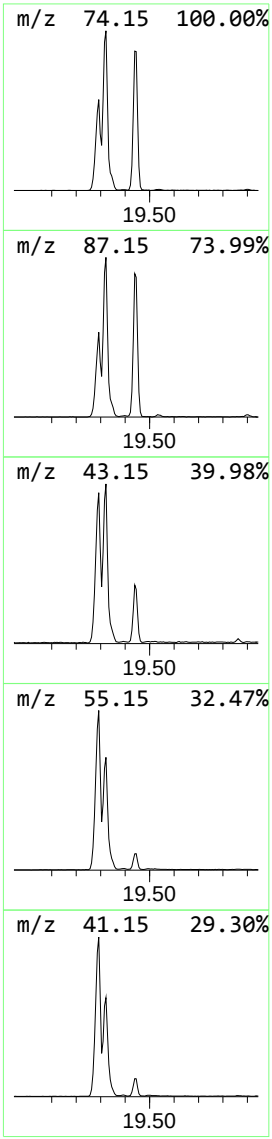
****

Peak Number 4 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	33.79 ng	1074280	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	18.147	78.0	ng	2478850	4	17.489	635938	20.0
9,12-Octadecadi...	19.292	367.1	ng	11672900	4	17.489	635938	20.0
(Z)-15-Octadece...	19.322	199.2	ng	6334760	4	17.489	635938	20.0
Methyl stearate	19.445	33.8	ng	1074280	4	17.489	635938	20.0