LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
Data File : BG054951.D
Acq On : 14 Sep 2022 20:09
Operator : CG/JU
Sample : N4592-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-091222

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054951.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	401	407	414	rBV	38173	66012	3.35%	0.814%
2	7.295	675	682	693	rBV	37188	69026	3.50%	0.852%
3	8.135	817	825	835	rVB	170680	291750	14.80%	3.599%
4	9.310	1019	1025	1035	rBV	21827	43274	2.20%	0.534%
5	10.961	1299	1306	1315	rVB	229158	422213	21.42%	5.209%
6	13.393	1714	1720	1727	rVB	74808	112634	5.72%	1.390%
7	13.570	1744	1750	1758	rBV	13915	24104	1.22%	0.297%
8	14.633	1927	1931	1938	rVB2	21371	27235	1.38%	0.336%
9	14.774	1947	1955	1964	rVB	367313	586957	29.78%	7.242%
10	15.585	2083	2093	2099	rBV	29110	45700	2.32%	0.564%
11	16.261	2203	2208	2217	rBV	42399	72620	3.68%	0.896%
12	16.443	2235	2239	2247	rBV	33468	64763	3.29%	0.799%
13	17.236	2370	2374	2378	rBV	34673	41466	2.10%	0.512%
14	17.289	2379	2383	2389	rVB3	13224	19886	1.01%	0.245%
15	17.524	2416	2423	2428	rBV	416757	659895	33.48%	8.142%
16	17.976	2496	2500	2505	rBV	29729	36596	1.86%	0.452%
17	18.152	2526	2530	2539	rVB	330108	436662	22.16%	5.387%
18	18.669	2614	2618	2626	rBV2	34934	58033	2.94%	0.716%
19	19.292	2719	2724	2727	rBV	1529118	1970830	100.00%	24.315%
20	19.322	2727	2729	2739	rVB2	1073256	1333308	67.65%	16.450%
21	19.451	2747	2751	2755	rBV	217170	244447	12.40%	3.016%
22	20.115	2861	2864	2869	rVB	108873	140535	7.13%	1.734%
23	21.813	3148	3153	3160	rVB2	390344	658930	33.43%	8.130%
24	25.191	3722	3728	3743	rVB2	228272	678421	34.42%	8.370%

Sum of corrected areas: 8105297

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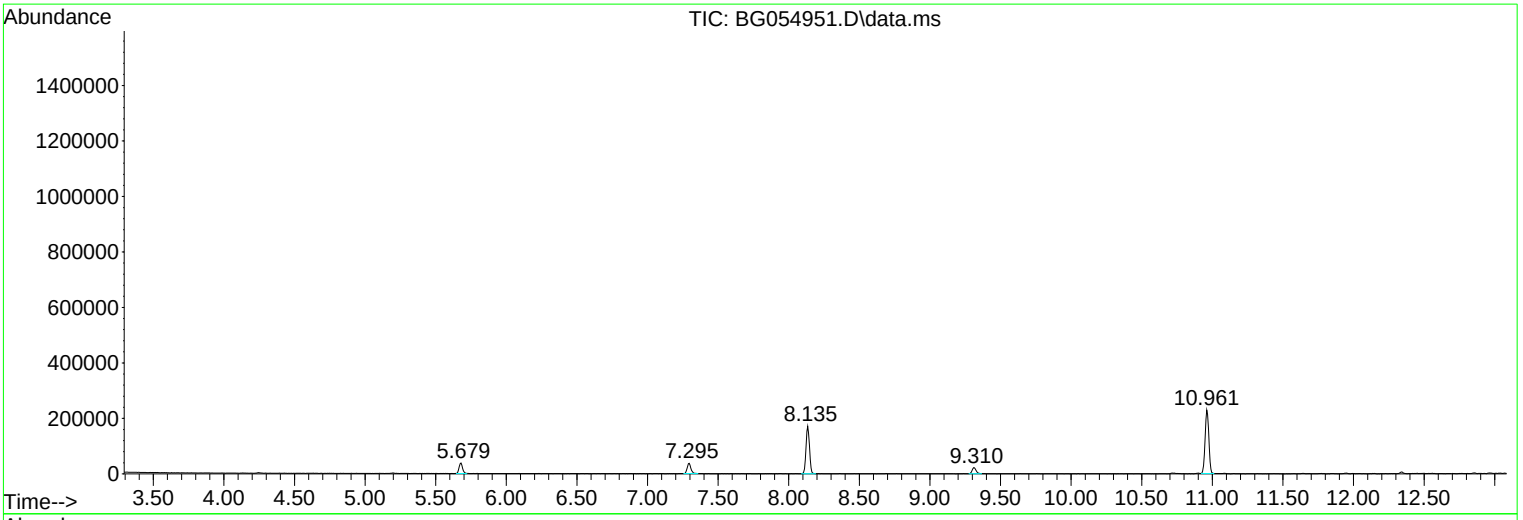
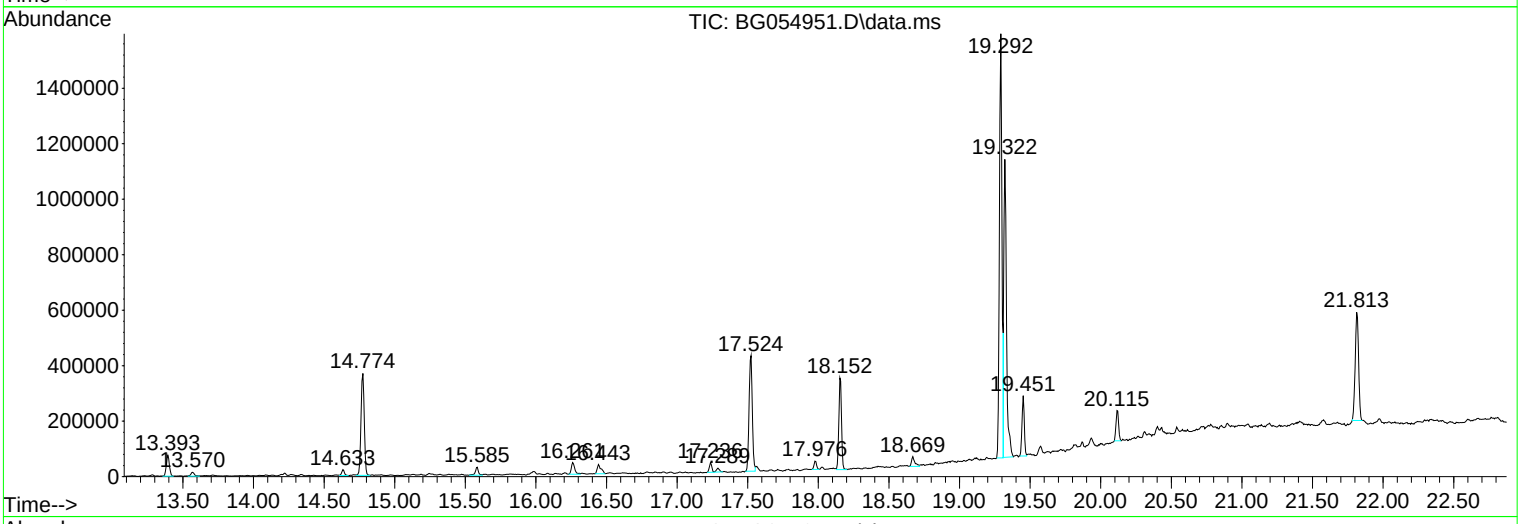
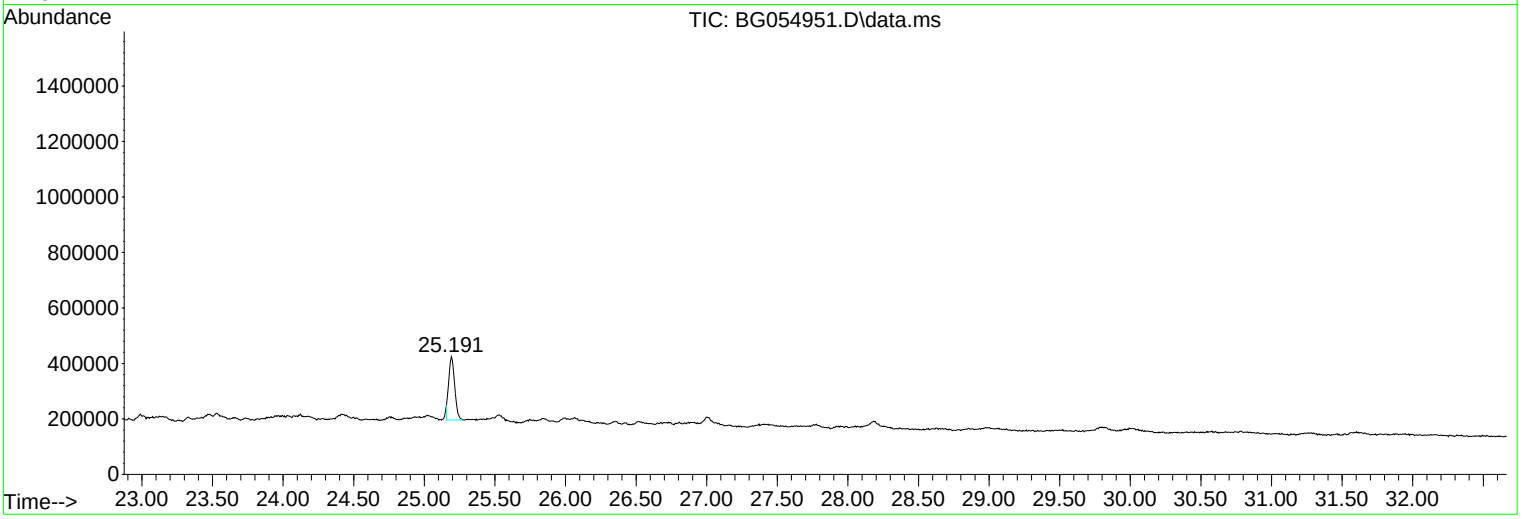
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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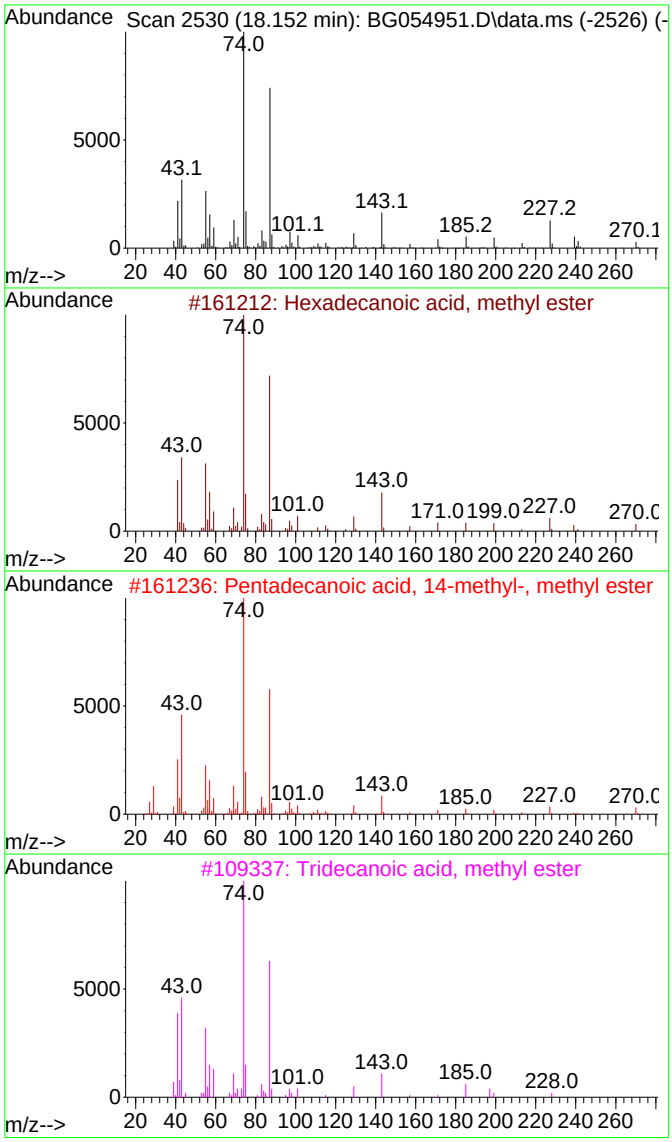
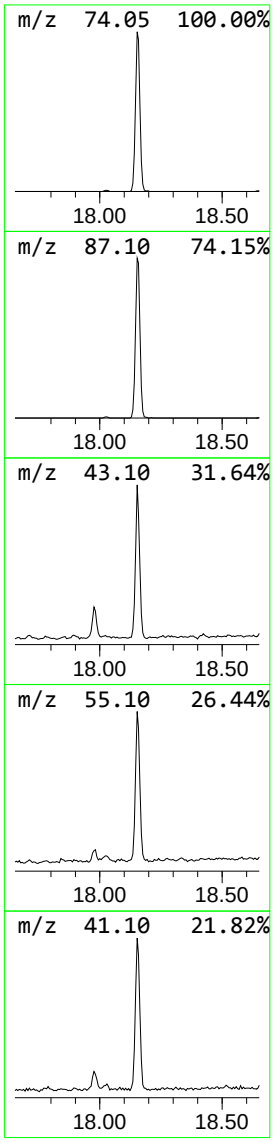
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.152	13.23 ng	436662	Phenanthrene-d10	17.524

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	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





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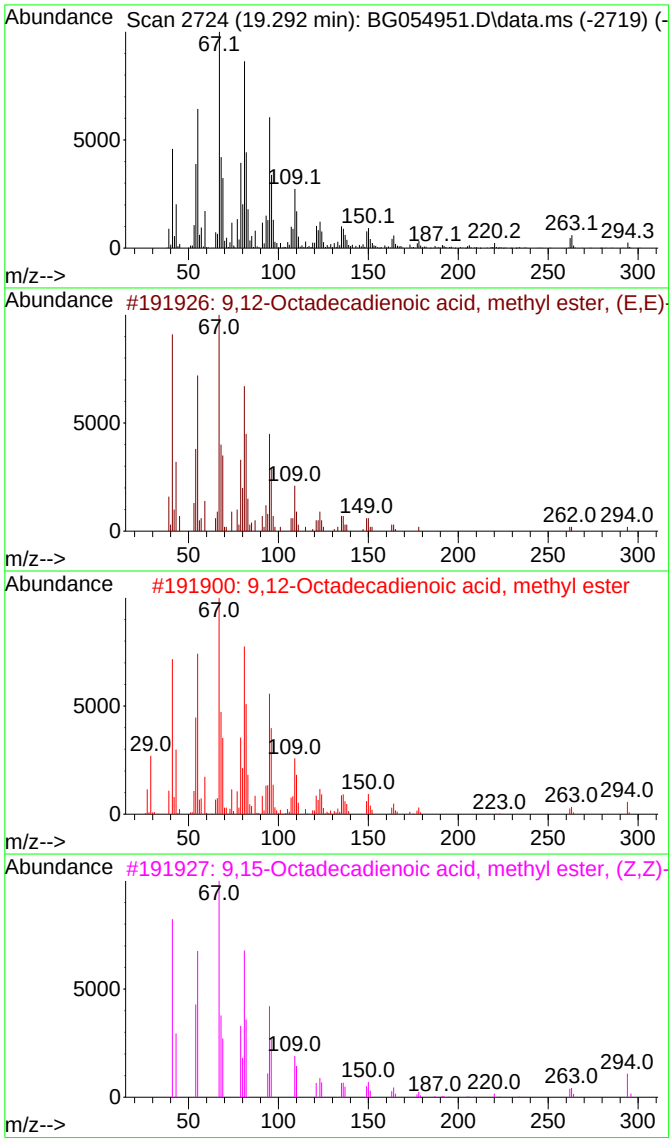
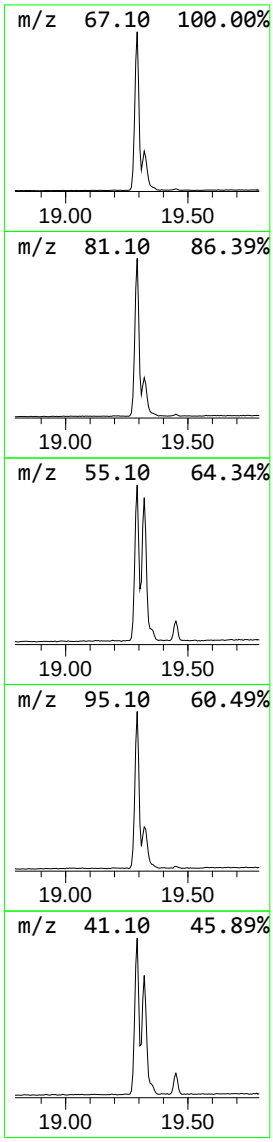
****
Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	59.73 ng	1970830	Phenanthrene-d10	17.524

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	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	97
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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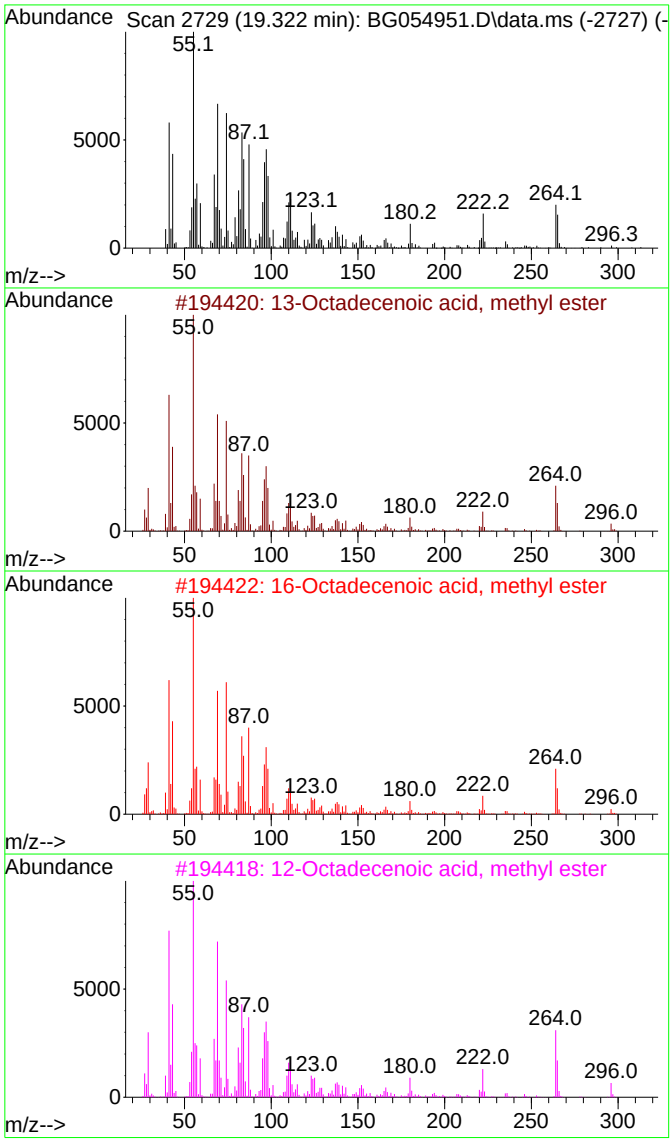
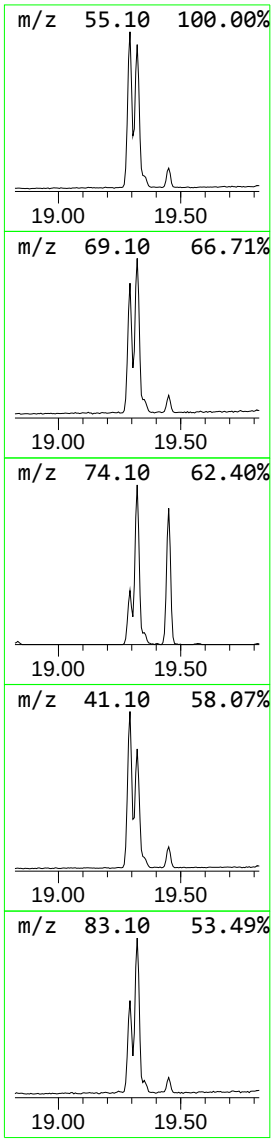
****
Peak Number 3 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	40.41 ng	1333310	Phenanthrene-d10	17.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	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	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	97





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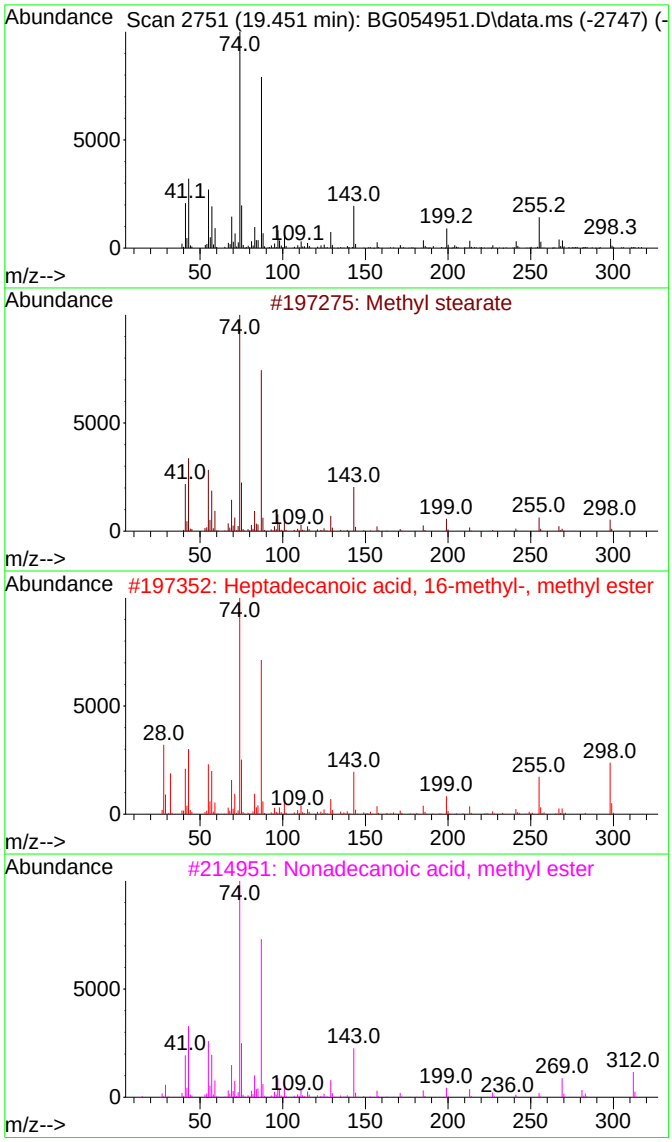
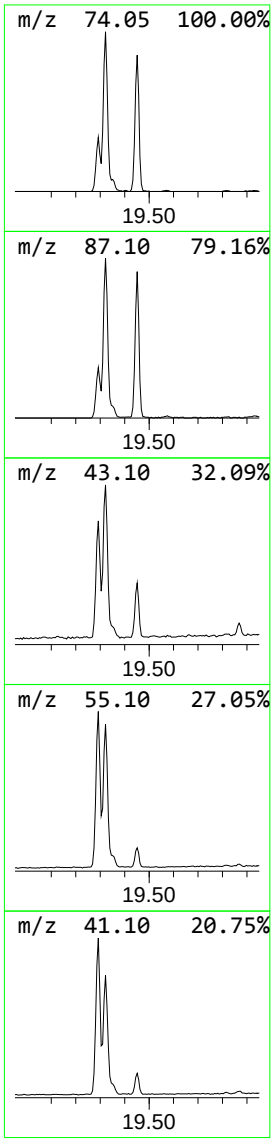
****

Peak Number 4 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	7.41 ng	244447	Phenanthrene-d10	17.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	96
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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...	18.152	13.2	ng	436662	4	17.524	659895	20.0
9,12-Octadecadi...	19.292	59.7	ng	1970830	4	17.524	659895	20.0
13-Octadecenoic...	19.322	40.4	ng	1333310	4	17.524	659895	20.0
Methyl stearate	19.451	7.4	ng	244447	4	17.524	659895	20.0