LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053141.D
Acq On : 13 Apr 2022 16:45
Operator : CG/JU
Sample : N2385-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
N48963

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: BG053141.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.684	384	391	401	rBV	330523	534094	3.19%	1.336%
2	7.276	654	662	671	rBV	225477	403318	2.41%	1.009%
3	8.122	797	806	812	rBV	124699	218194	1.30%	0.546%
4	9.279	995	1003	1011	rBV	498729	919751	5.49%	2.300%
5	10.930	1277	1284	1290	rBV	174079	319855	1.91%	0.800%
6	13.368	1690	1699	1706	rBV	1368035	2137654	12.76%	5.346%
7	14.743	1927	1933	1944	rVB	287288	505212	3.02%	1.264%
8	16.229	2175	2186	2199	rBV	1167193	1888042	11.27%	4.722%
9	16.881	2291	2297	2309	rVV	263524	429601	2.56%	1.074%
10	17.486	2394	2400	2407	rVB	356430	571813	3.41%	1.430%
11	18.261	2524	2532	2545	rBV	464272	1029355	6.14%	2.574%
12	18.408	2546	2557	2582	rVB	3306281	7732342	46.16%	19.338%
13	19.571	2737	2755	2766	rBV	5205396	16752070	100.00%	41.896%
14	19.665	2766	2771	2801	rVB	1319322	2663574	15.90%	6.662%
15	20.088	2837	2843	2849	rVB	1971642	2689981	16.06%	6.728%
16	21.768	3123	3129	3137	rVB	352265	571976	3.41%	1.430%
17	25.064	3681	3690	3703	rVB2	202131	617630	3.69%	1.545%

Sum of corrected areas: 39984462

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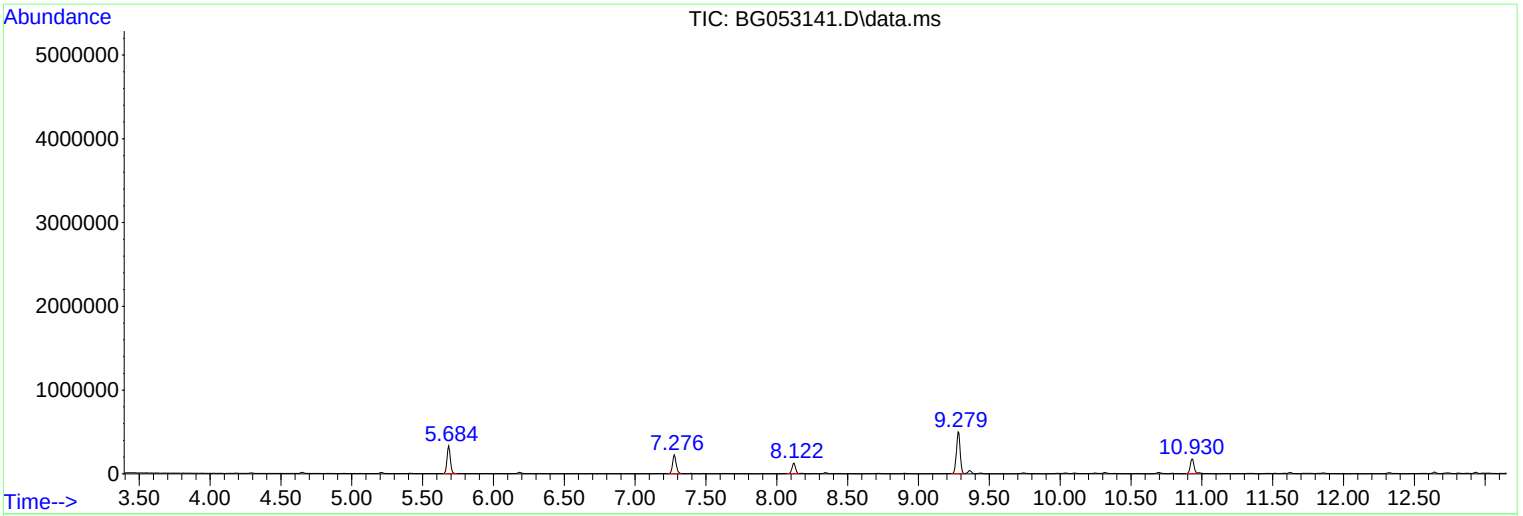
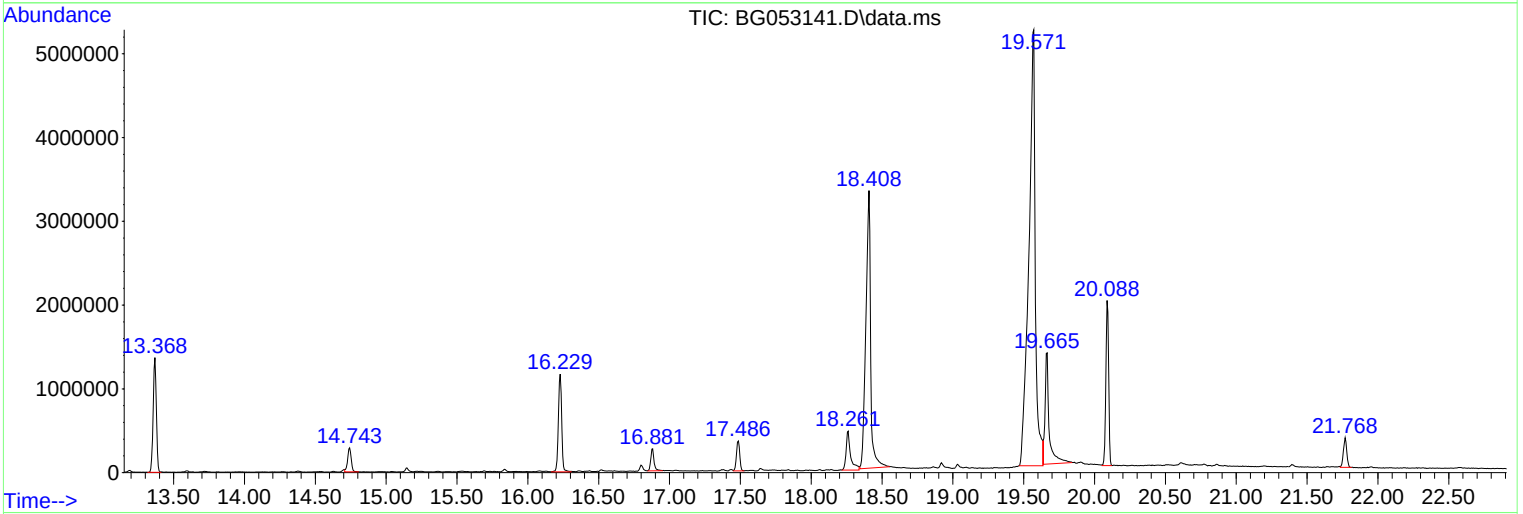
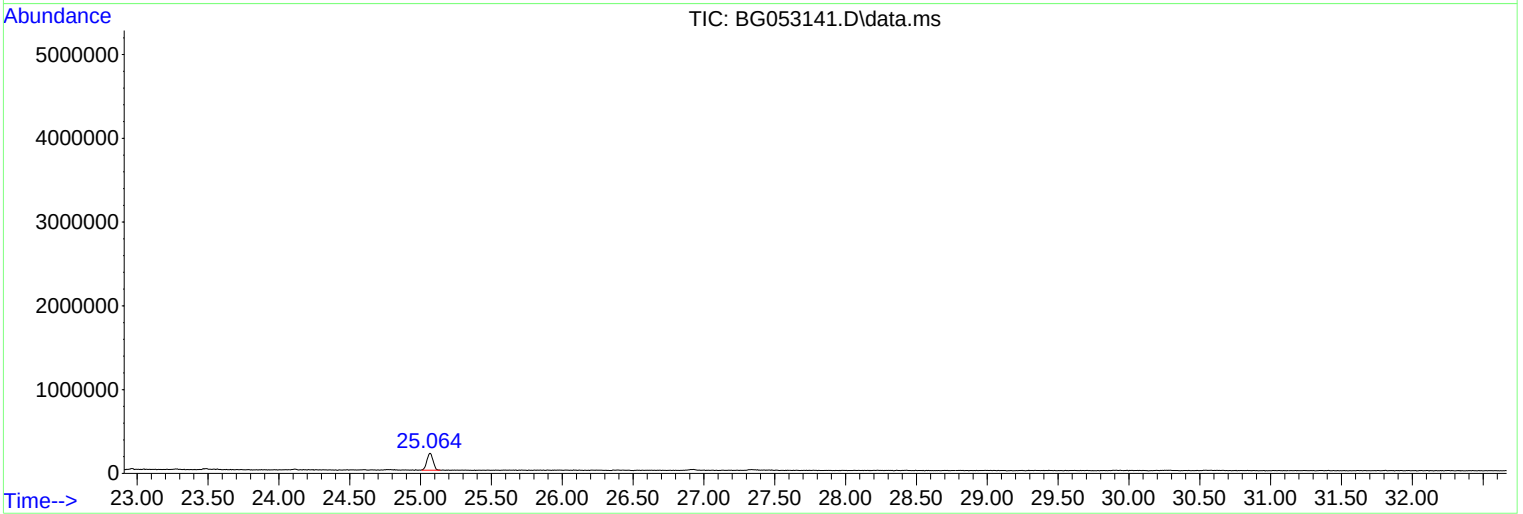
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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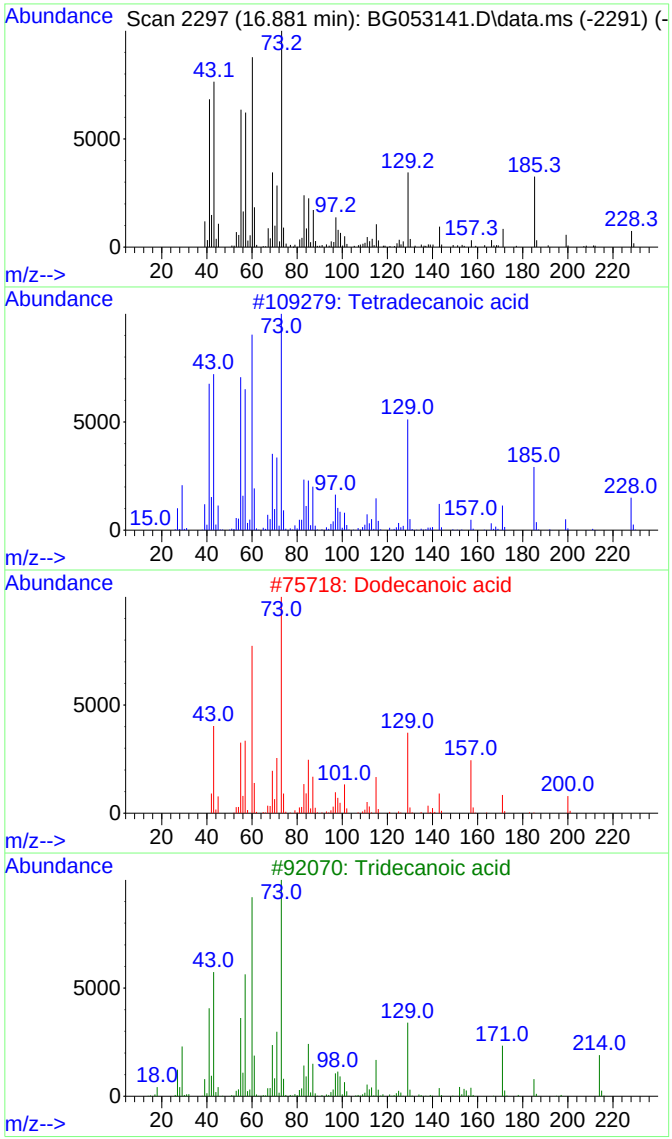
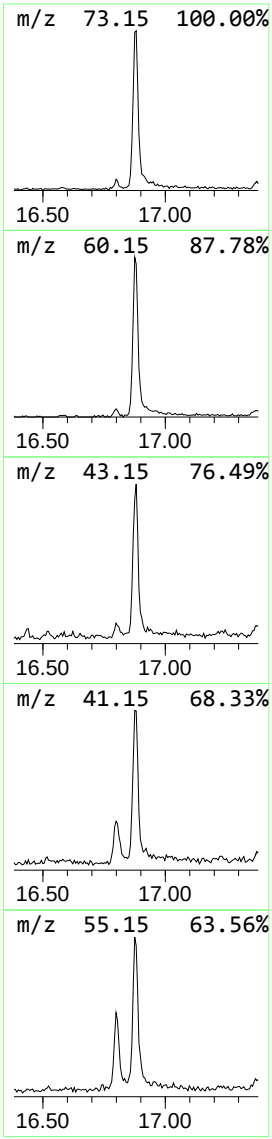
Peak Number 1 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	15.03 ng	429601	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Vinyl lauryl ether	212	C14H28O	000765-14-0	15
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	11





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BNA_G
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TIC Library : C:\Database\NIST20.L
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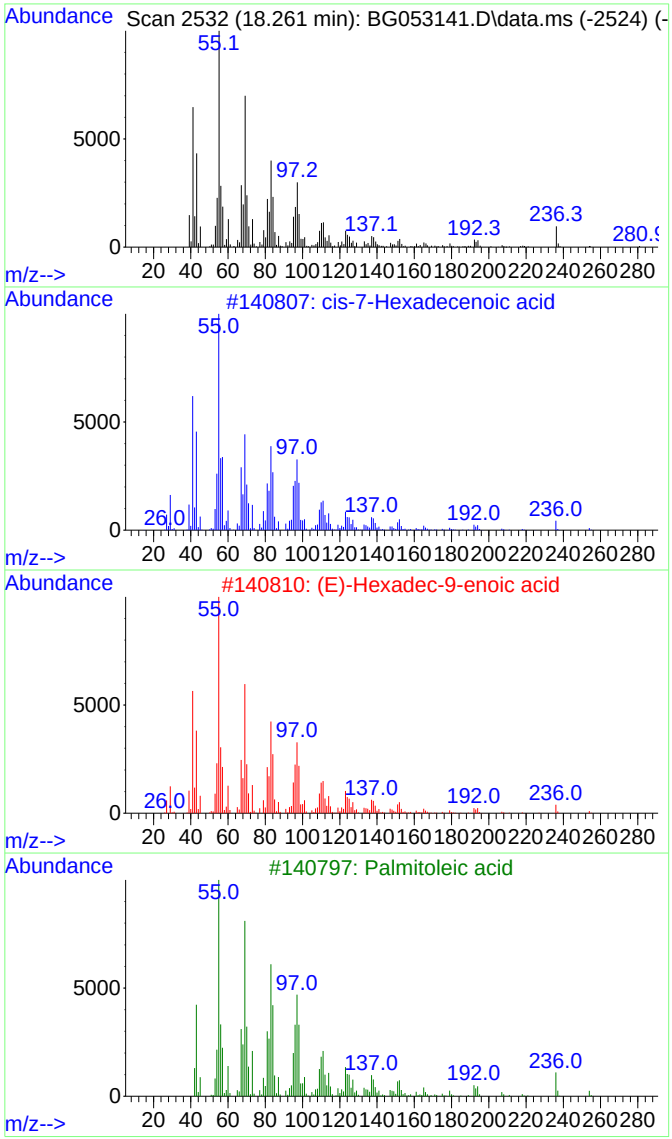
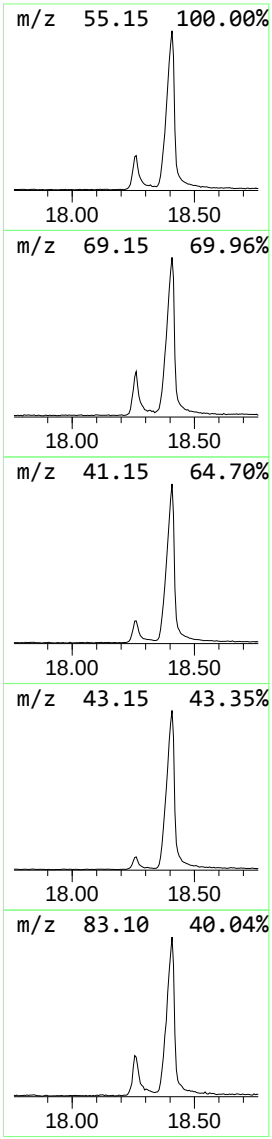
Peak Number 2 cis-7-Hexadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.261	36.00 ng	1029360	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
3	Palmitoleic acid	254	C16H30O2	000373-49-9	96
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	94
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91





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Operator : CG/JU
Sample : N2385-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
N48963

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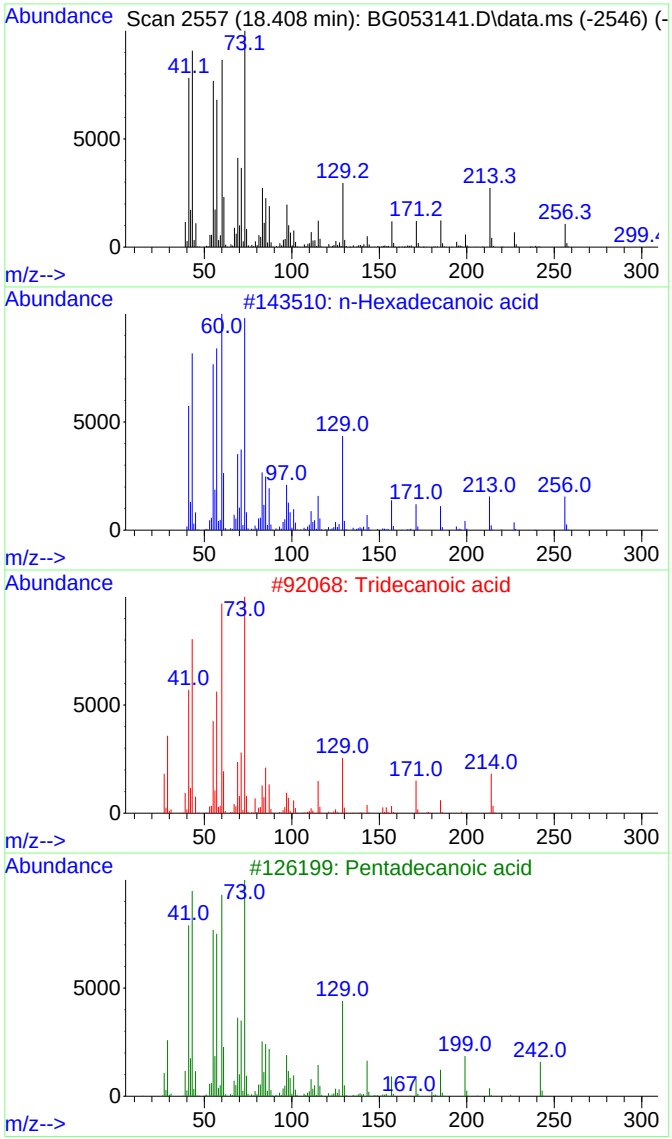
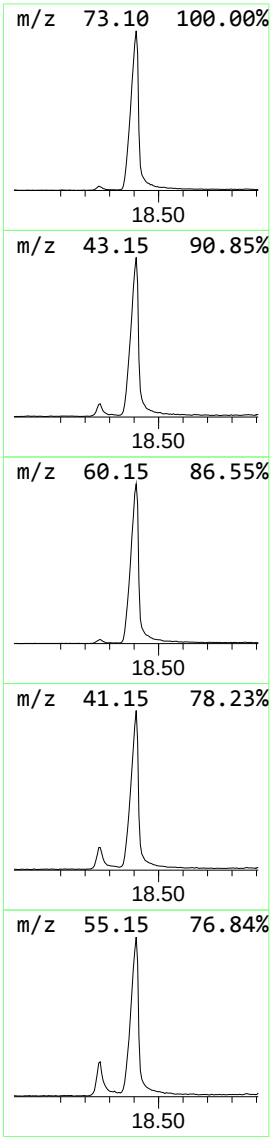
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.408	270.45 ng	7732340	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Operator : CG/JU
Sample : N2385-02
Misc :
ALS Vial : 12 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
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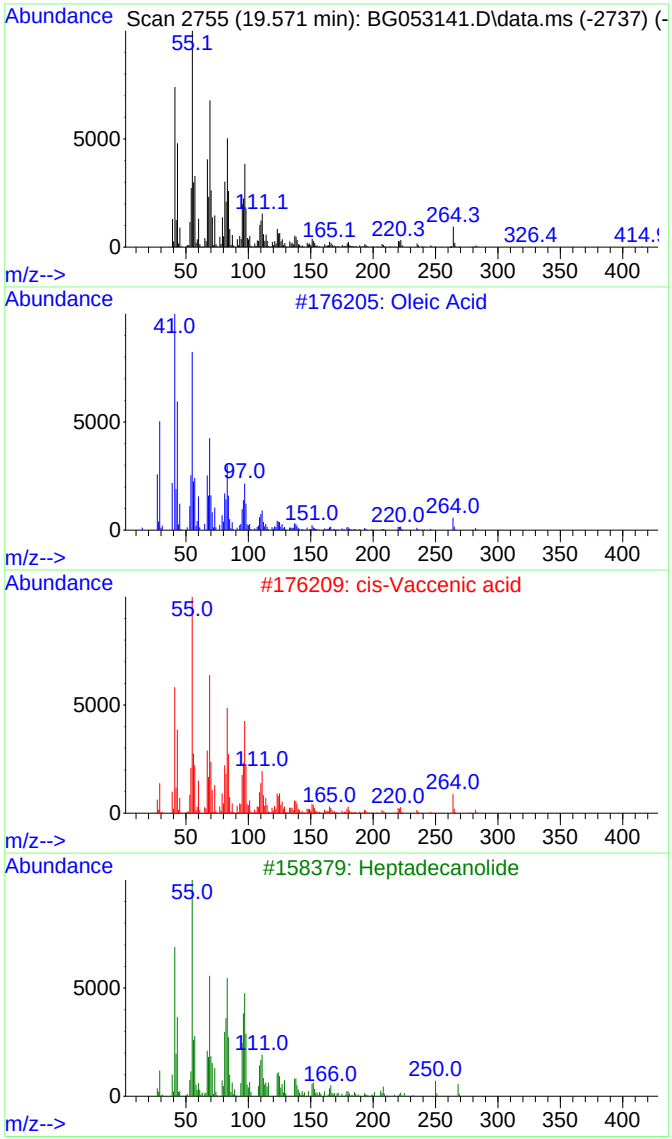
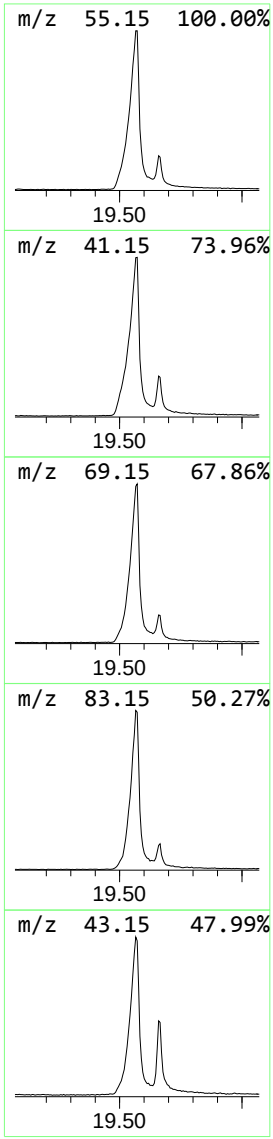
Peak Number 4 Oleic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.571	585.93 ng	16752100	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	97
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
3	Heptadecanolide	268	C17H32O2	005637-97-8	86
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	81
5	9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	81





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Misc :
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Instrument :
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ClientSampleId :
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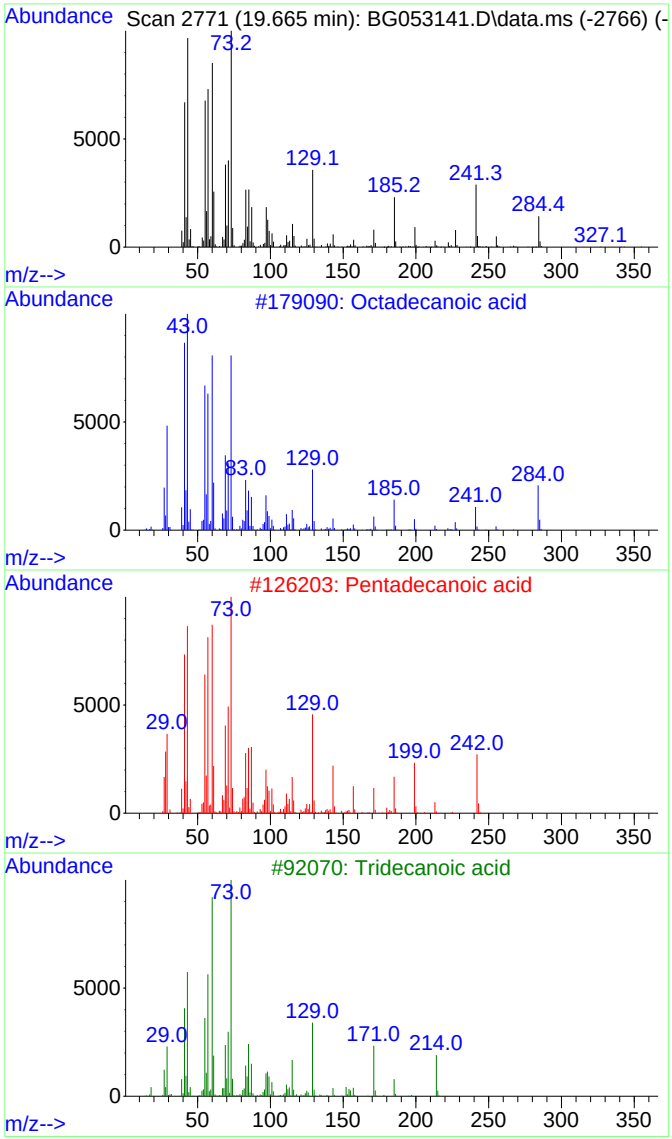
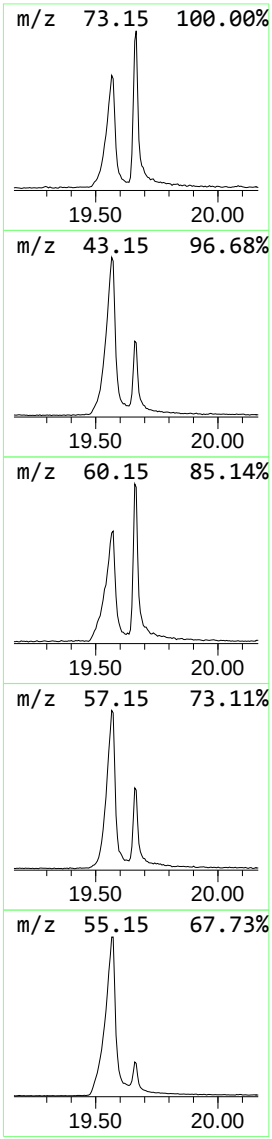
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.665	93.14 ng	2663570	Chrysene-d12	21.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetradecanoic acid	16.881	15.0	ng	429601	4	17.486	571813	20.0
cis-7-Hexadecen...	18.261	36.0	ng	1029360	4	17.486	571813	20.0
n-Hexadecanoic ...	18.408	270.4	ng	7732340	4	17.486	571813	20.0
Oleic Acid	19.571	585.9	ng	16752100	4	17.486	571813	20.0
Octadecanoic acid	19.665	93.1	ng	2663570	5	21.768	571976	20.0