LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
Data File : BM037271.D
Acq On : 29 Oct 2022 15:16
Operator : CG/JU
Sample : N5236-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LSP-GW-03

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_M\Methods\8270-BM102822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM037271.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	315	322	333	rVB	942955	1286879	4.73%	1.033%
2	5.445	394	401	414	rBV	5837930	8281180	30.43%	6.649%
3	7.045	666	673	688	rBV	3670573	5716753	21.01%	4.590%
4	7.875	805	814	820	rBV	1788907	2808953	10.32%	2.255%
5	9.045	1005	1013	1029	rBV	6988026	11258088	41.37%	9.039%
6	10.674	1282	1290	1295	rBV	2297895	3704059	13.61%	2.974%
7	10.722	1295	1298	1305	rVB	168157	283117	1.04%	0.227%
8	12.551	1600	1609	1616	rVB	174887	302655	1.11%	0.243%
9	13.133	1700	1708	1721	rBV	16445455	24025564	88.28%	19.290%
10	14.510	1932	1942	1948	rBV	2925457	4335797	15.93%	3.481%
11	14.568	1948	1952	1961	rVB	290382	411099	1.51%	0.330%
12	14.904	2004	2009	2019	rBV	221086	361357	1.33%	0.290%
13	15.551	2113	2119	2128	rVB2	253590	371575	1.37%	0.298%
14	15.998	2188	2195	2213	rBV	11263148	15982725	58.73%	12.833%
15	17.245	2401	2407	2412	rBV	3072589	4329230	15.91%	3.476%
16	17.656	2469	2477	2485	rBV	212760	337993	1.24%	0.271%
17	18.139	2554	2559	2569	rBV	705834	1269226	4.66%	1.019%
18	19.297	2749	2756	2771	rBV	441791	1116749	4.10%	0.897%
19	19.415	2772	2776	2795	rVV	983453	1809331	6.65%	1.453%
20	19.868	2847	2853	2865	rBV	22976047	27214608	100.00%	21.851%
21	21.127	3064	3067	3076	rBV4	204136	335977	1.23%	0.270%
22	21.421	3112	3117	3126	rBV	3338834	4293716	15.78%	3.447%
23	23.780	3512	3518	3529	rVB2	2402364	4710557	17.31%	3.782%

Sum of corrected areas: 124547188

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ClientSampleId :
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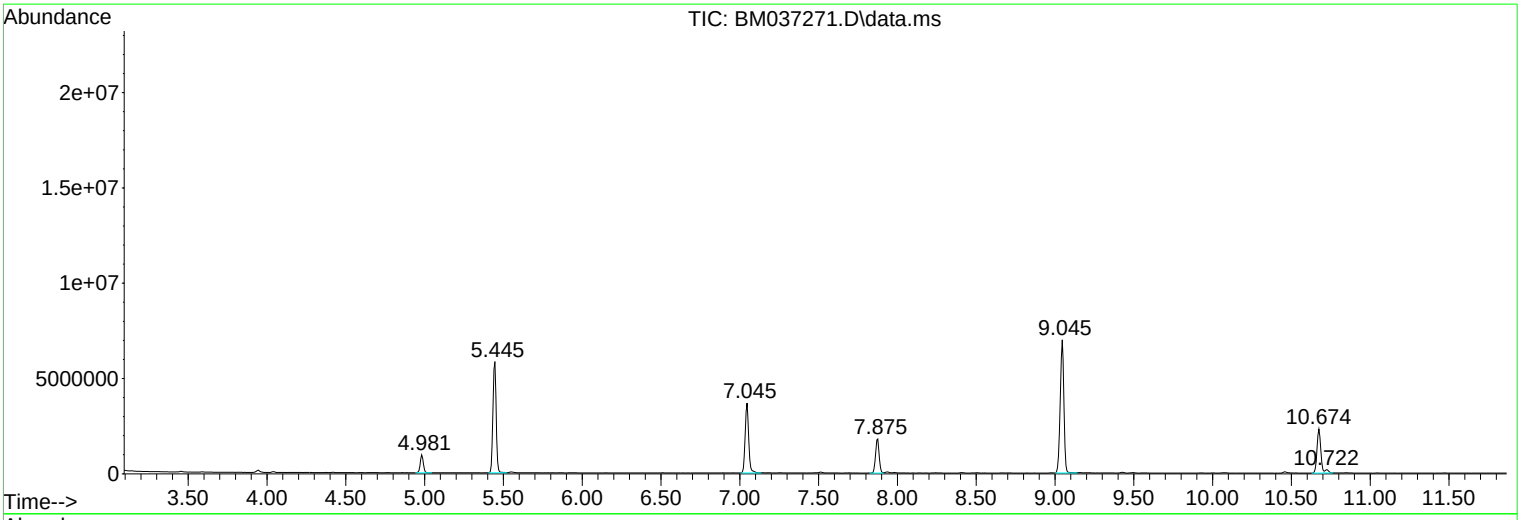
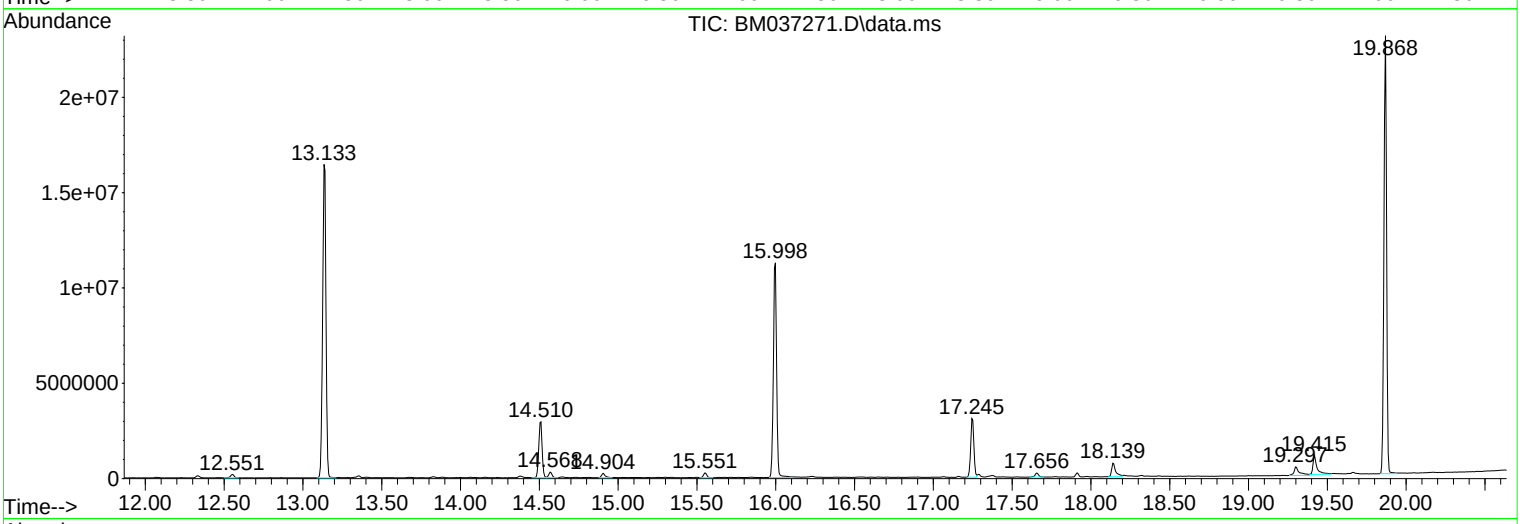
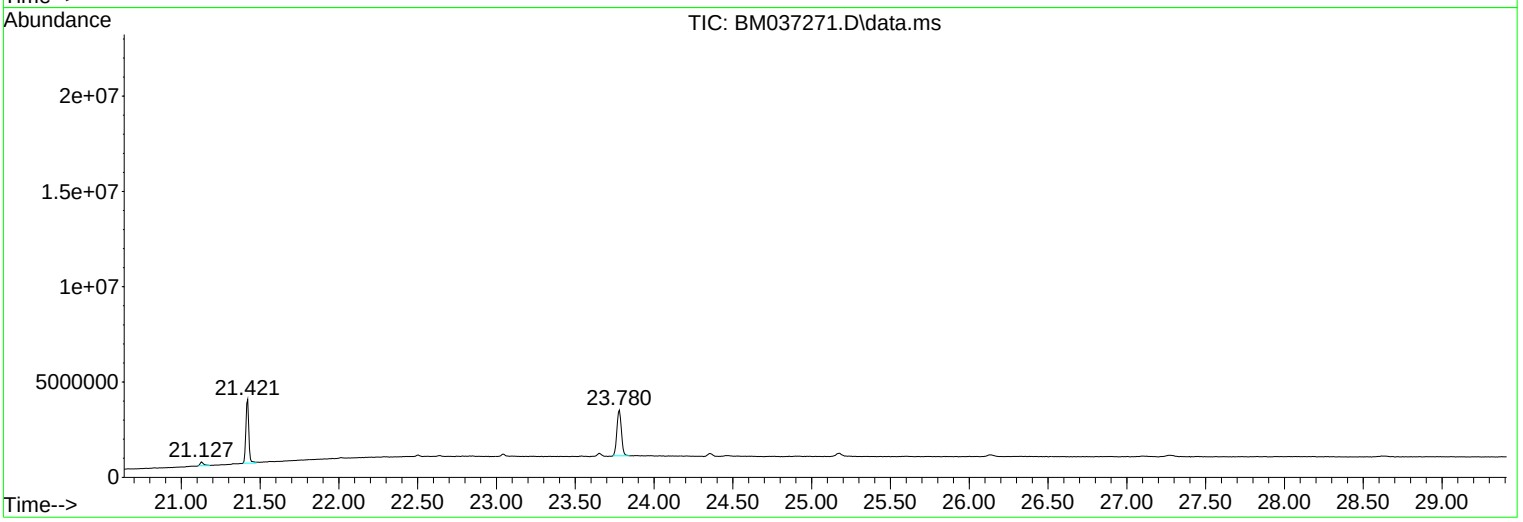
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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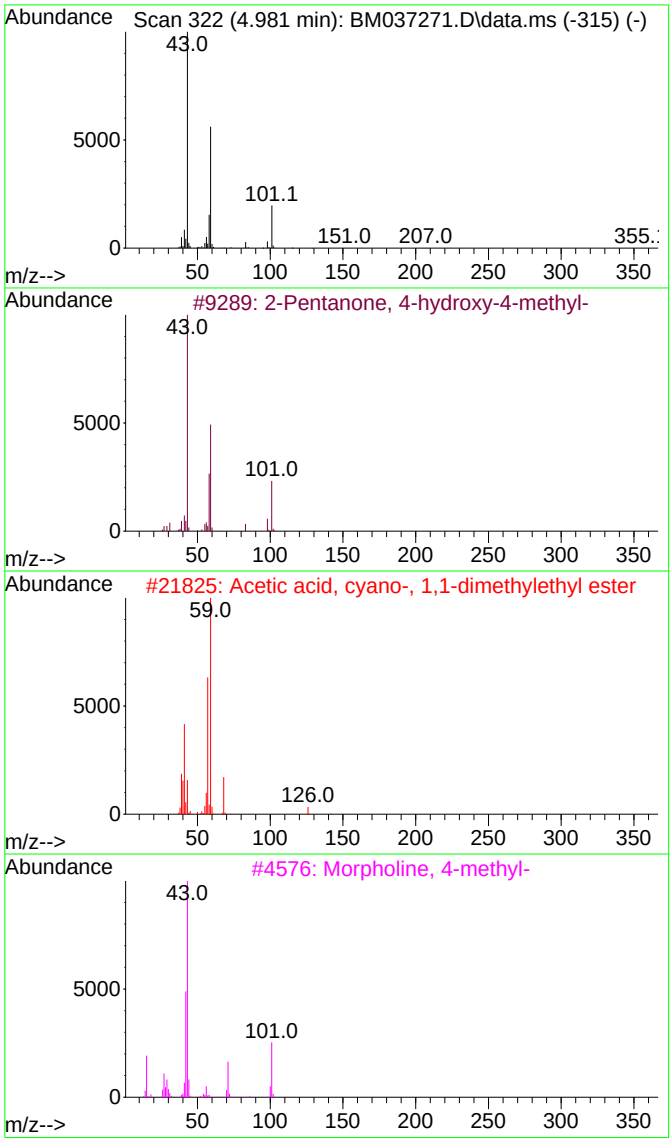
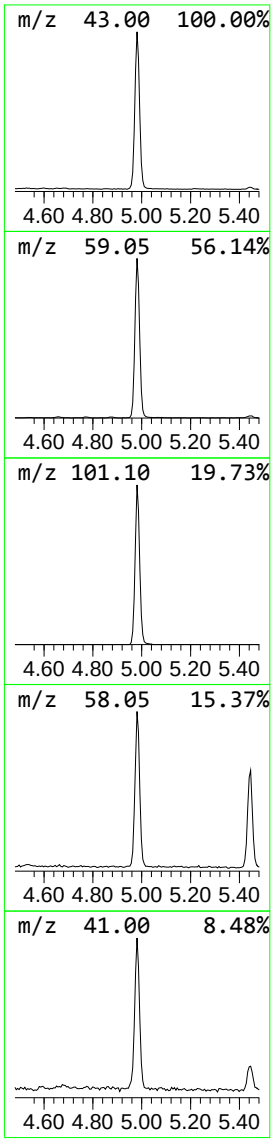
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	9.16 ng	1286880	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
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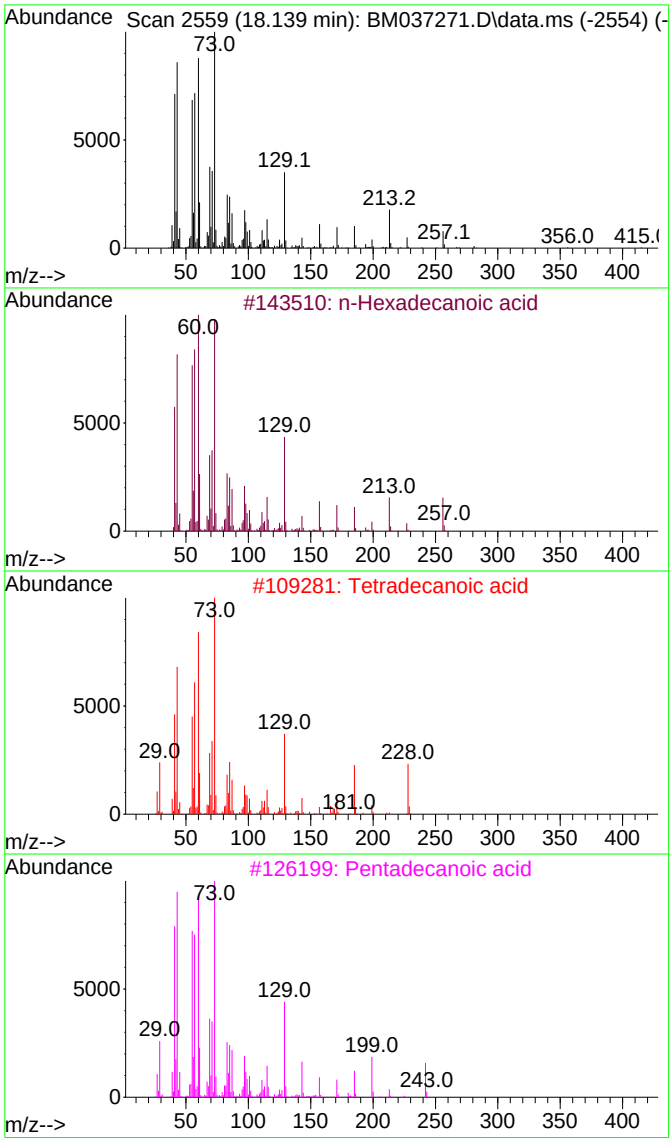
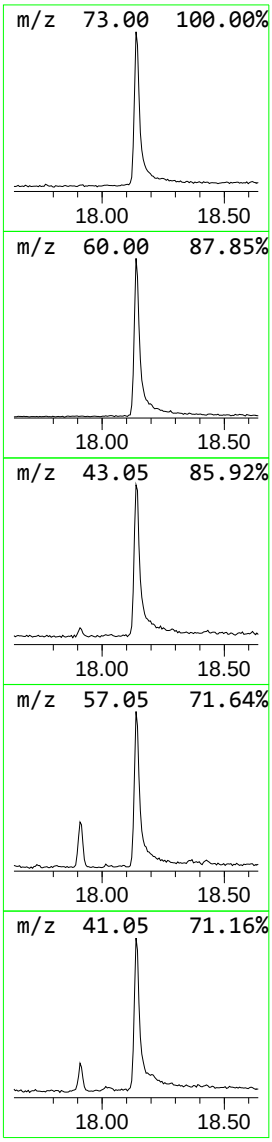
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	5.86 ng	1269230	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Instrument :
BNA_M
ClientSampleId :
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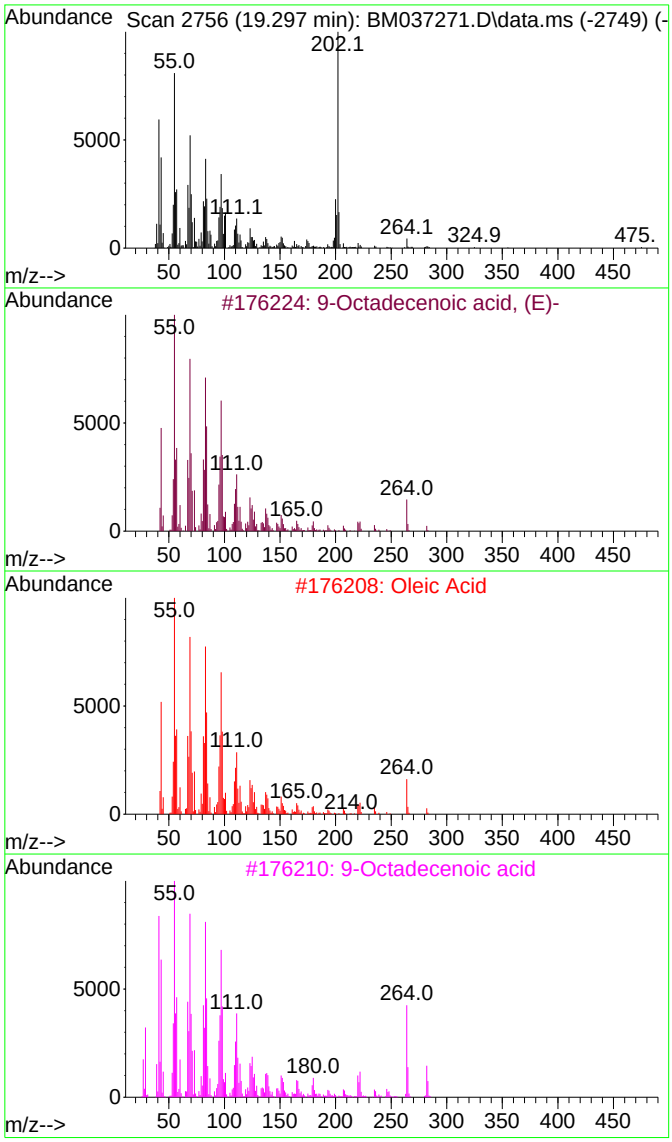
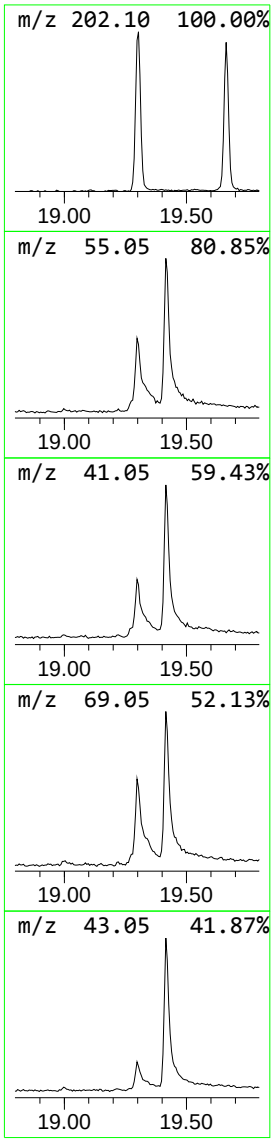
Peak Number 3 9-Octadecenoic acid, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.297	5.16 ng	1116750	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96
2	Oleic Acid	282	C18H34O2	000112-80-1	96
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	95
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	95
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	94





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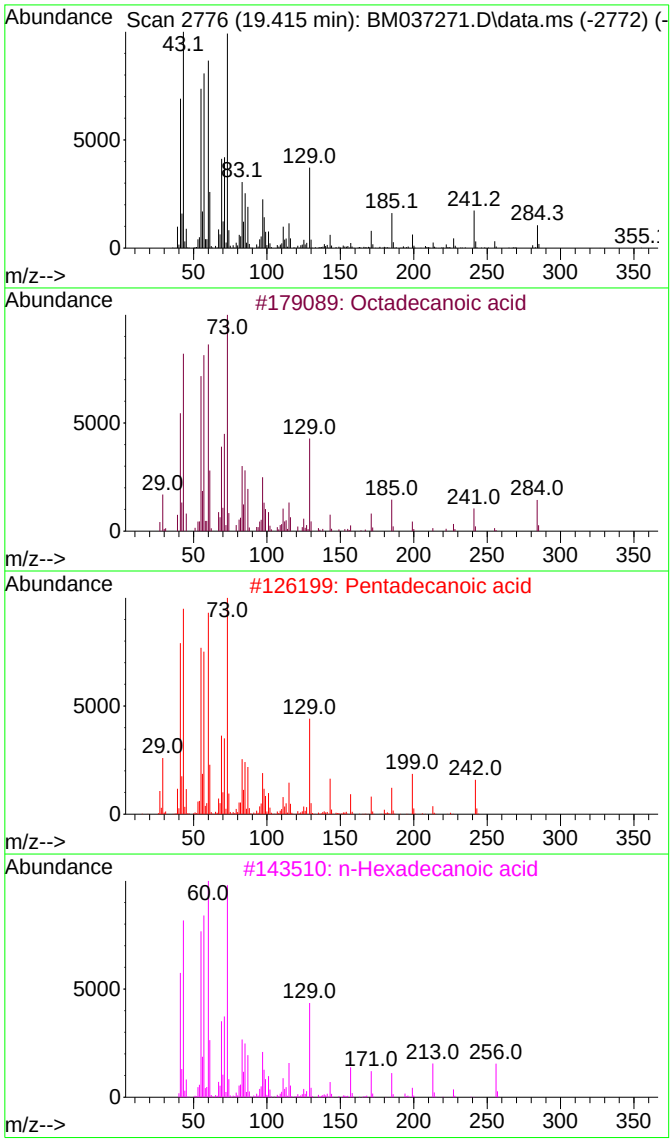
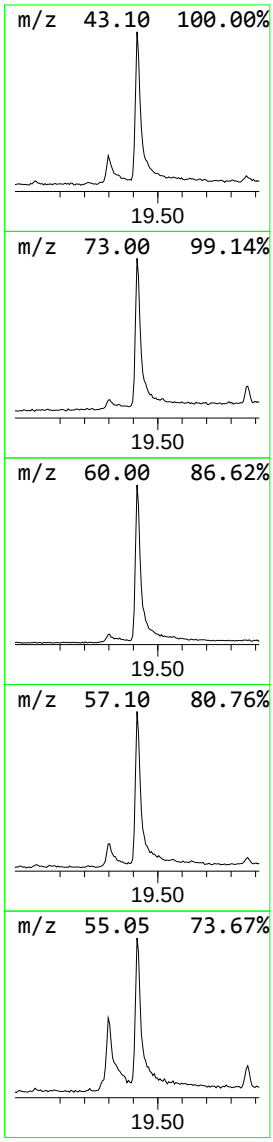
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	8.43 ng	1809330	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.981	9.2	ng	1286880	1	7.875	2808950	20.0
n-Hexadecanoic ...	18.139	5.9	ng	1269230	4	17.245	4329230	20.0
9-Octadecenoic ...	19.297	5.2	ng	1116750	4	17.245	4329230	20.0
Octadecanoic acid	19.415	8.4	ng	1809330	5	21.421	4293720	20.0