LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
Data File : BM037274.D
Acq On : 29 Oct 2022 17:03
Operator : CG/JU
Sample : N5273-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINE

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: BM037274.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	314	322	332	rBV	1512550	2196943	9.19%	1.558%
2	5.446	394	401	416	rBV	12816322	17811036	74.51%	12.627%
3	7.051	666	674	688	rBV	11686607	18379362	76.89%	13.030%
4	7.875	807	814	820	rBV	1888857	2948823	12.34%	2.091%
5	9.045	1004	1013	1030	rBV	7101151	11187808	46.80%	7.932%
6	10.457	1246	1253	1263	rBV	296734	570407	2.39%	0.404%
7	10.675	1280	1290	1303	rBV	2440036	4046057	16.93%	2.869%
8	13.133	1700	1708	1721	rBV	16679916	23612010	98.78%	16.740%
9	14.504	1934	1941	1949	rBV	3373307	4799995	20.08%	3.403%
10	15.992	2183	2194	2213	rBV	11651734	16205049	67.79%	11.489%
11	17.245	2401	2407	2413	rBV	3573794	4873993	20.39%	3.455%
12	17.368	2423	2428	2434	rVB2	185838	276108	1.16%	0.196%
13	18.139	2554	2559	2570	rBV	480444	897728	3.76%	0.636%
14	19.298	2749	2756	2762	rBV	210743	390125	1.63%	0.277%
15	19.415	2772	2776	2790	rBV	346957	677010	2.83%	0.480%
16	19.868	2847	2853	2858	rBV	20301916	23903500	100.00%	16.947%
17	21.127	3063	3067	3077	rBV2	461258	751777	3.15%	0.533%
18	21.415	3112	3116	3121	rBV	2874407	3701470	15.49%	2.624%
19	23.774	3512	3517	3531	rVB2	1936890	3821616	15.99%	2.709%

Sum of corrected areas: 141050817

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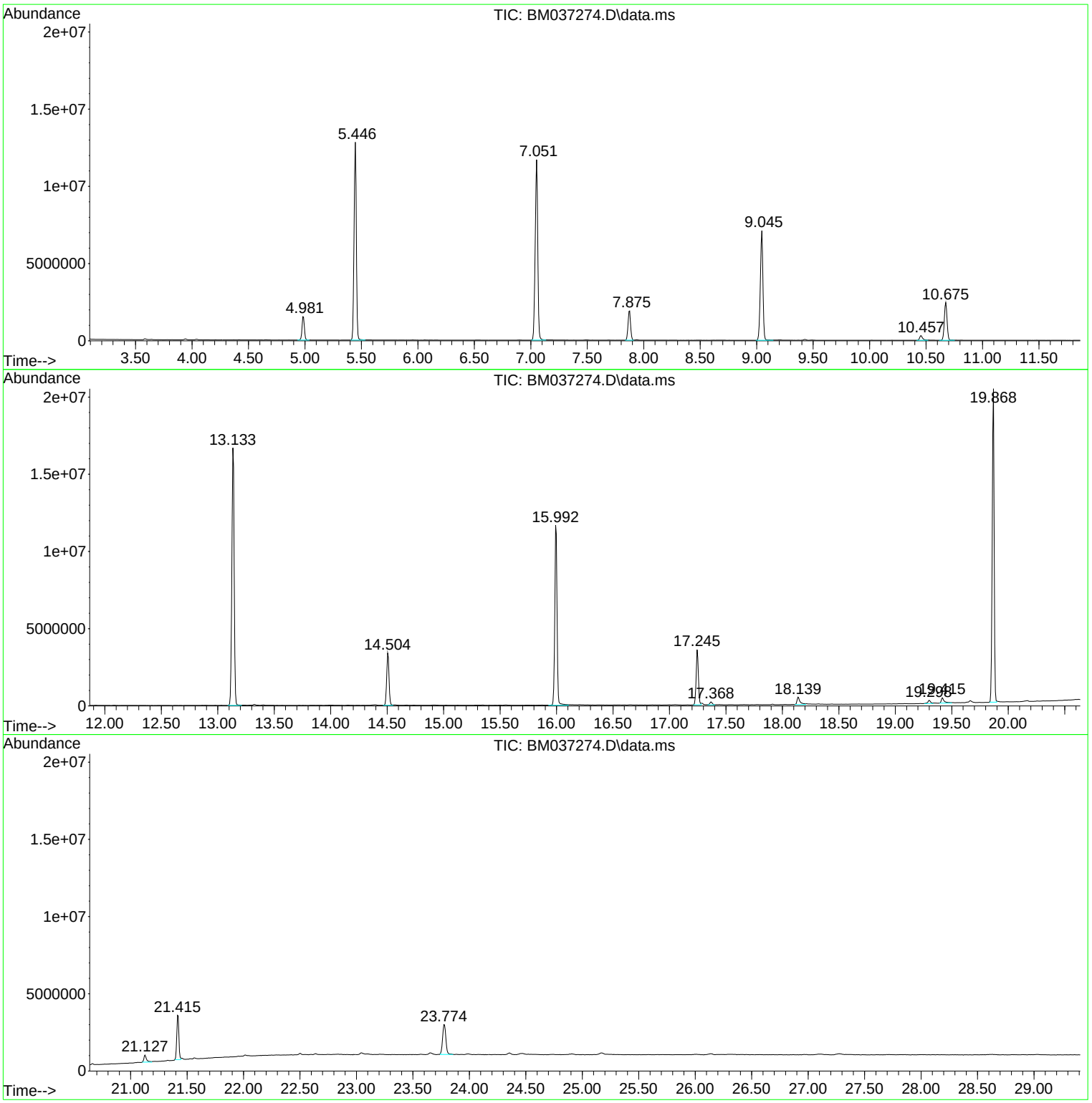
ClientSampleId :
LIDEN-GAS-PIPELINE

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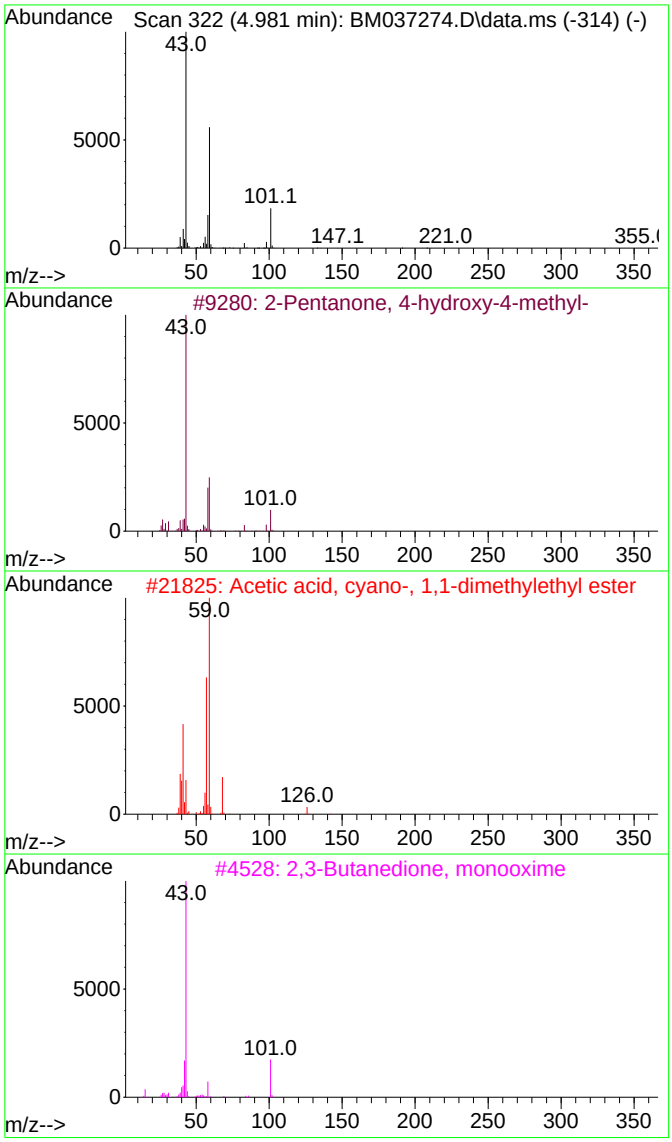
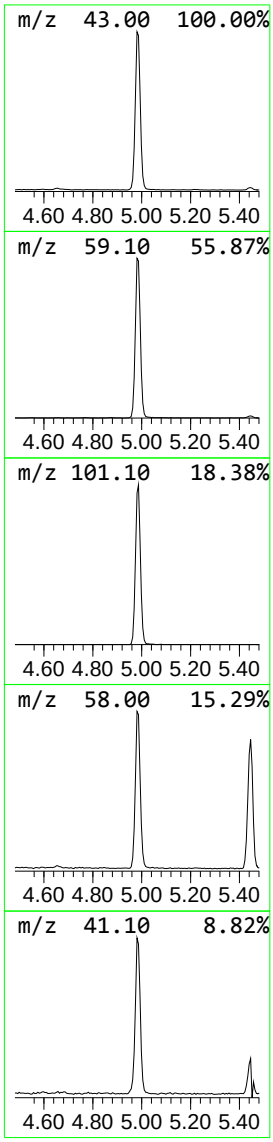
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	14.90 ng	2196940	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	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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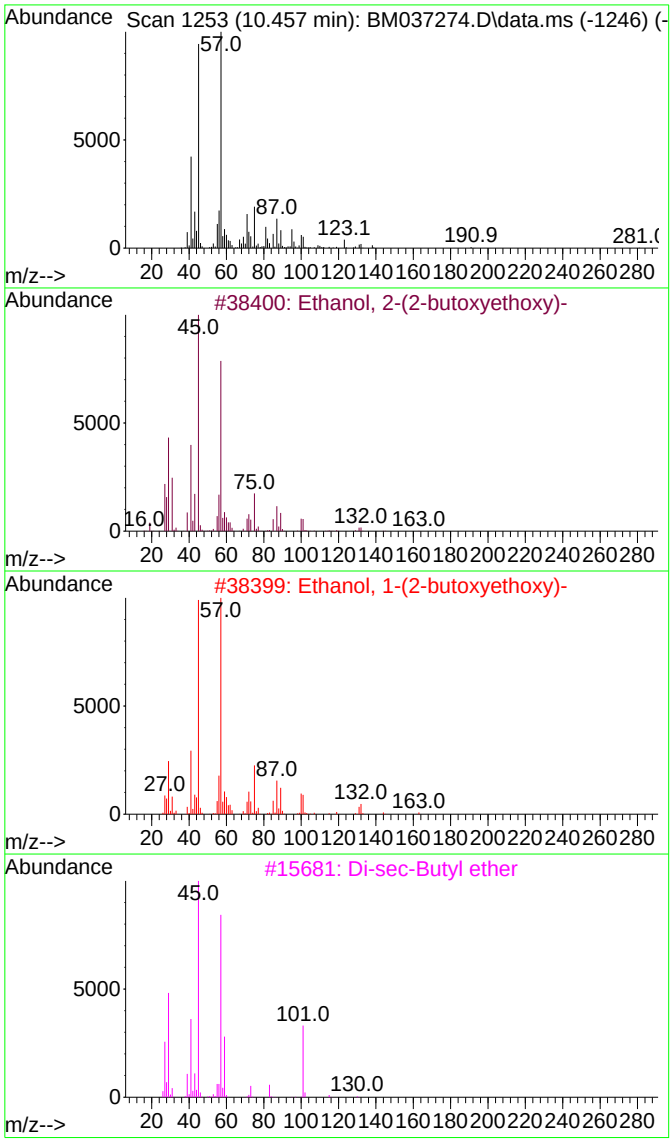
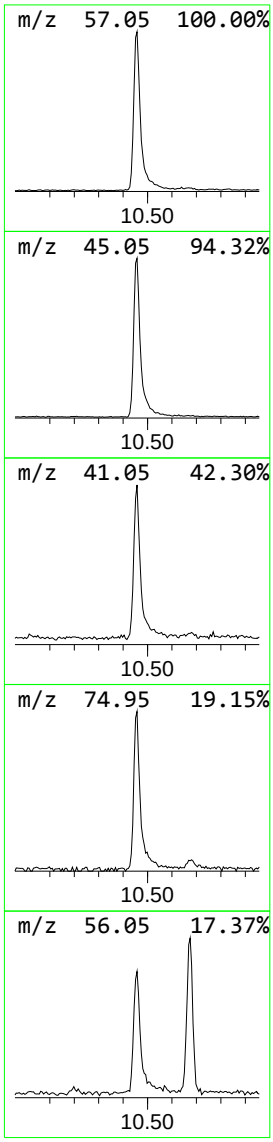
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	2.82 ng	570407	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	50
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50





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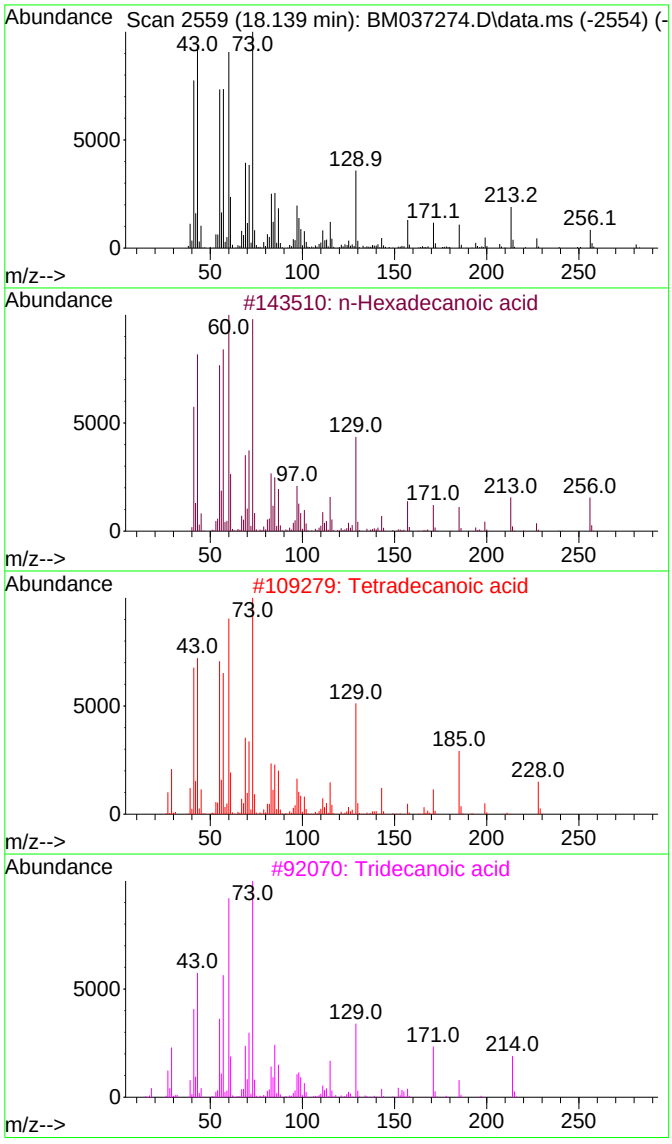
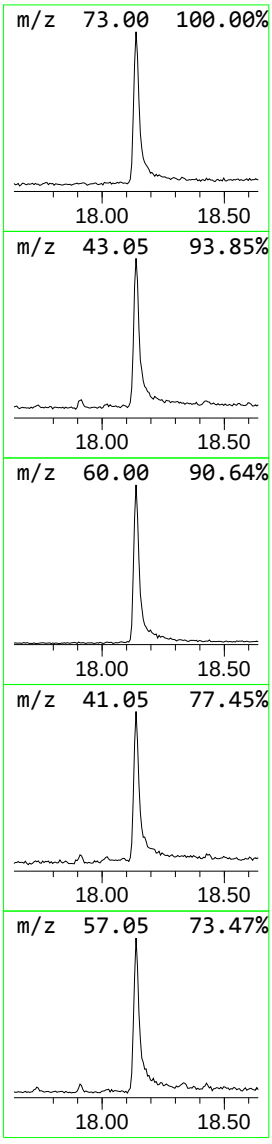
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	3.68 ng	897728	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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	35





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINE

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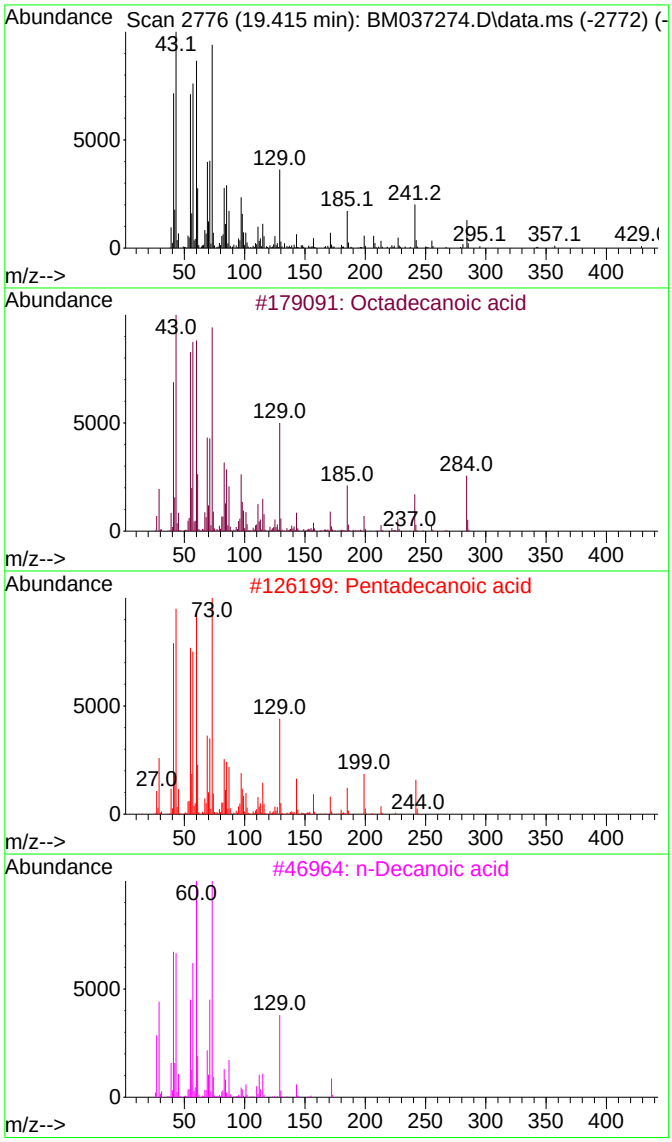
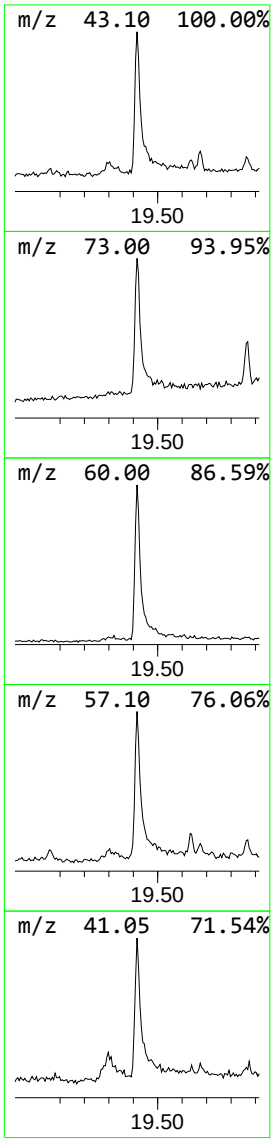
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	3.66 ng	677010	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	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	35





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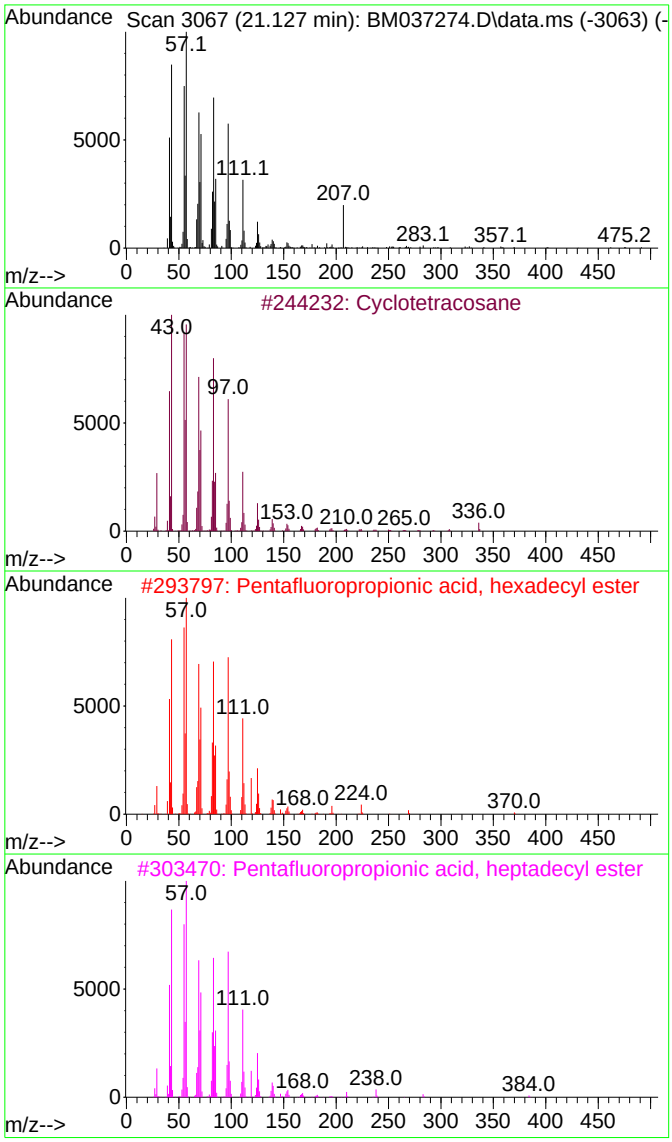
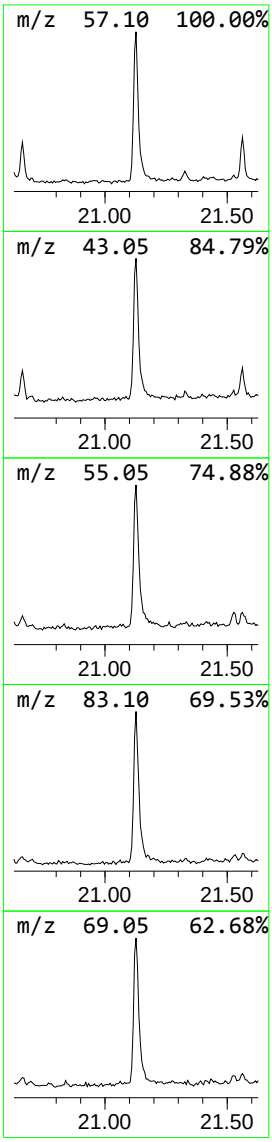
Peak Number 5 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	4.06 ng	751777	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
4	Cyclooctacosane	392	C28H56	000297-24-5	90
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90





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	14.9	ng	2196940	1	7.875	2948820	20.0
Ethanol, 2-(2-b...	10.457	2.8	ng	570407	2	10.675	4046060	20.0
n-Hexadecanoic ...	18.139	3.7	ng	897728	4	17.245	4873990	20.0
Octadecanoic acid	19.415	3.7	ng	677010	5	21.421	3701470	20.0
Cyclotetracosane	21.127	4.1	ng	751777	5	21.421	3701470	20.0