LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
Data File : BM038730.D
Acq On : 14 Feb 2023 15:03
Operator : CG/JU
Sample : 01328-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-4-BORING-1-23-25

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-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038730.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	301	306	317	rVB	194040	257956	19.61%	3.273%
2	5.457	380	386	399	rBV	557455	768145	58.41%	9.745%
3	7.075	654	661	677	rBV	487455	742217	56.44%	9.416%
4	7.898	793	801	812	rBV	139015	208898	15.88%	2.650%
5	9.075	993	1001	1012	rBV	283832	447788	34.05%	5.681%
6	10.710	1272	1279	1286	rBV	155516	243978	18.55%	3.095%
7	13.163	1689	1696	1705	rBV	765213	1085870	82.57%	13.776%
8	14.539	1922	1930	1941	rBV	225232	315480	23.99%	4.002%
9	15.898	2157	2161	2166	rBV	10690	13312	1.01%	0.169%
10	16.027	2176	2183	2194	rBV	588494	810044	61.59%	10.277%
11	17.286	2391	2397	2404	rBV	234006	328902	25.01%	4.173%
12	18.168	2541	2547	2557	rBV	122987	183788	13.97%	2.332%
13	19.445	2760	2764	2771	rBV	62425	94265	7.17%	1.196%
14	19.721	2807	2811	2816	rBV2	12093	17347	1.32%	0.220%
15	19.903	2837	2842	2847	rBV	1161573	1315151	100.00%	16.685%
16	21.156	3051	3055	3061	rBV6	44285	68680	5.22%	0.871%
17	21.462	3102	3107	3112	rBV	335934	415858	31.62%	5.276%
18	23.844	3505	3512	3519	rBV2	295676	564526	42.92%	7.162%

Sum of corrected areas: 7882205

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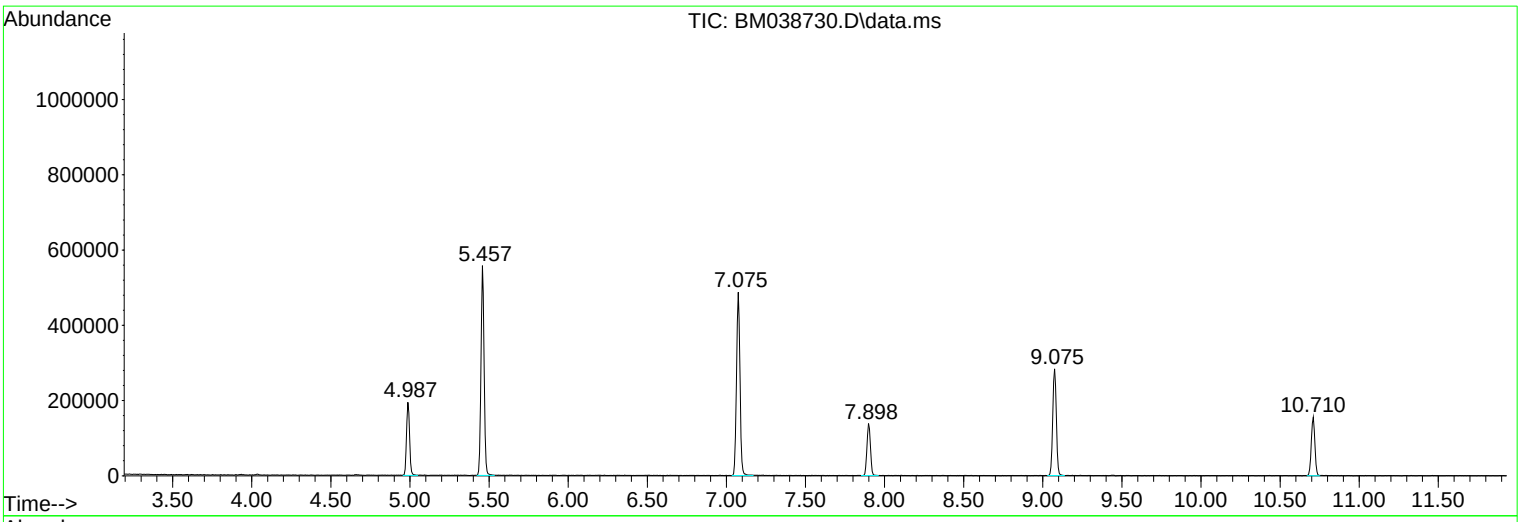
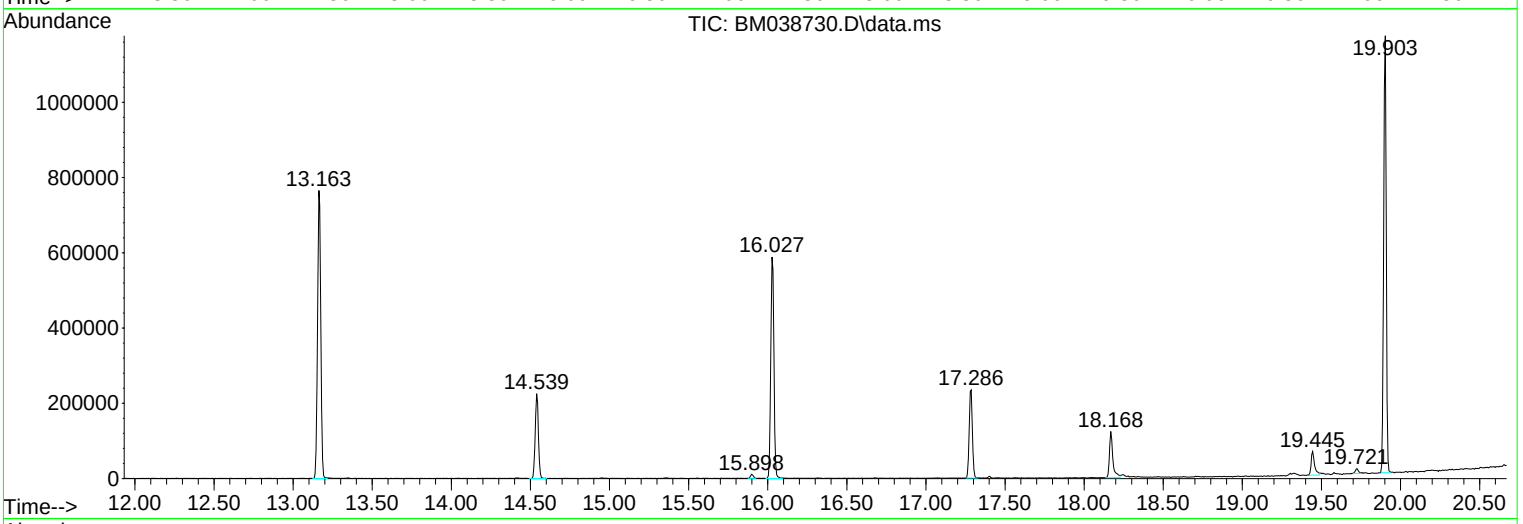
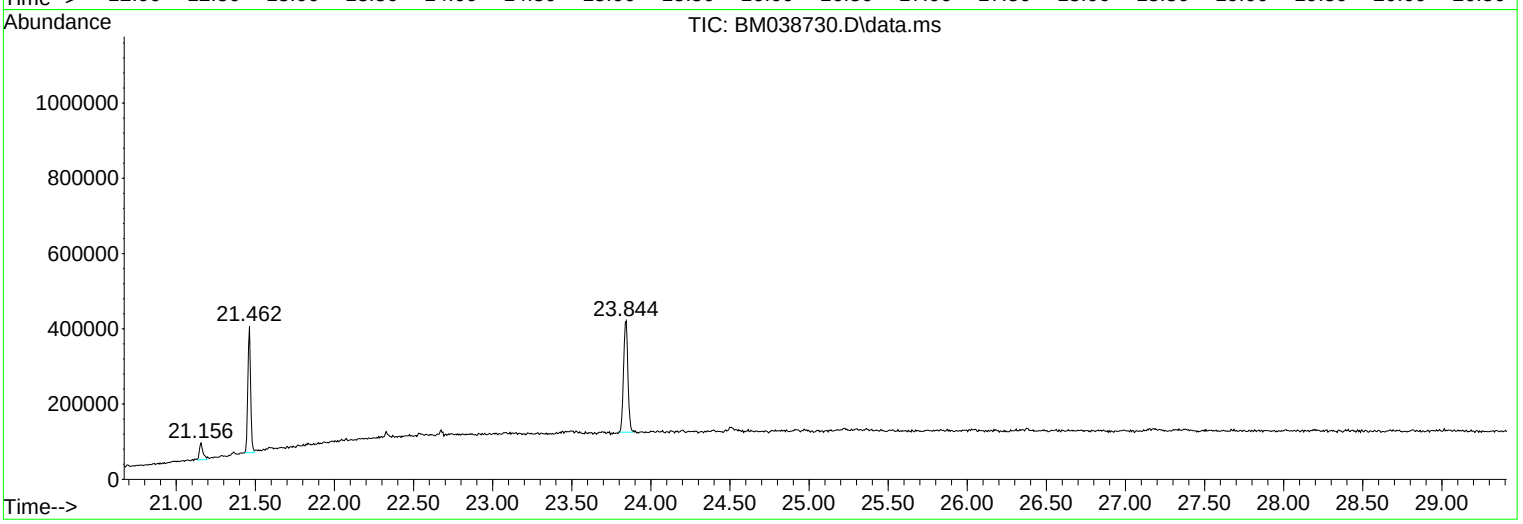
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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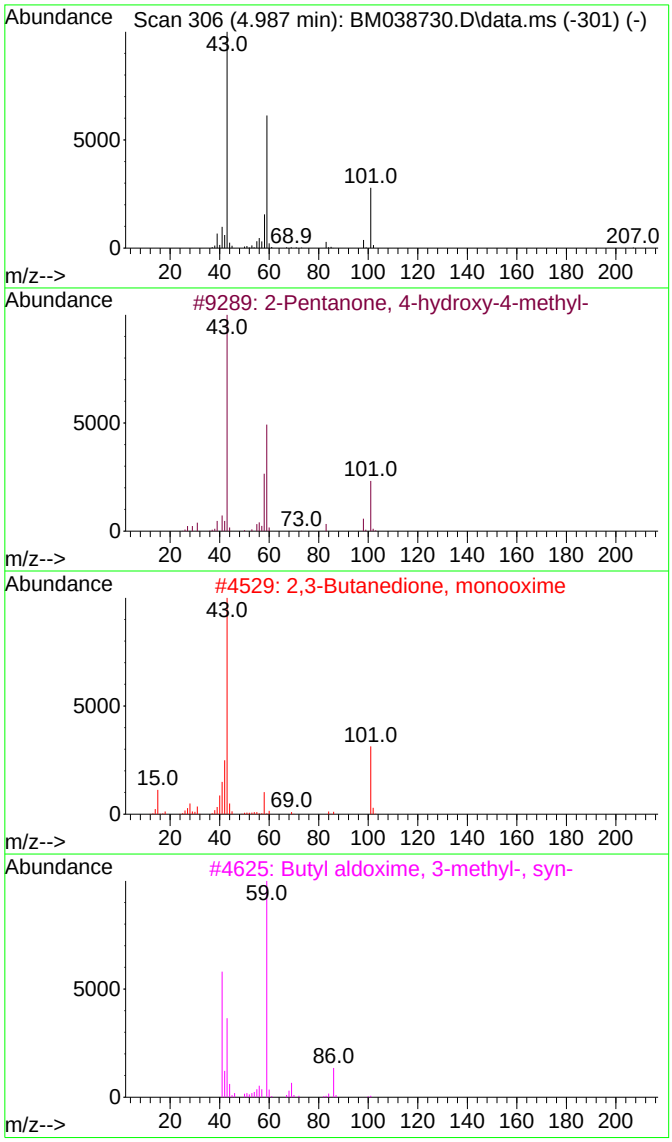
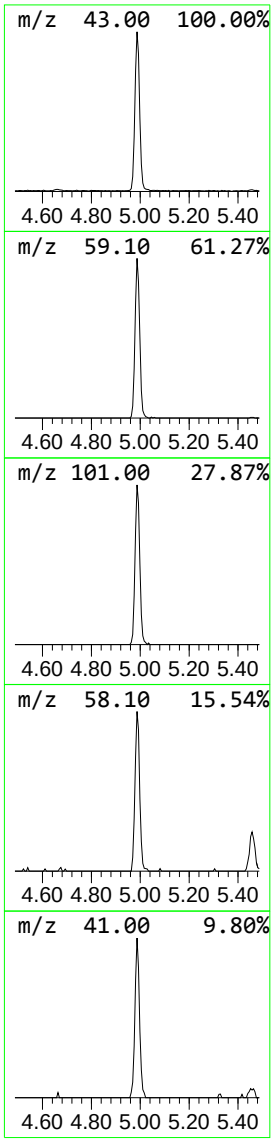
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	24.70 ng	257956	1,4-Dichlorobenzene-d4	7.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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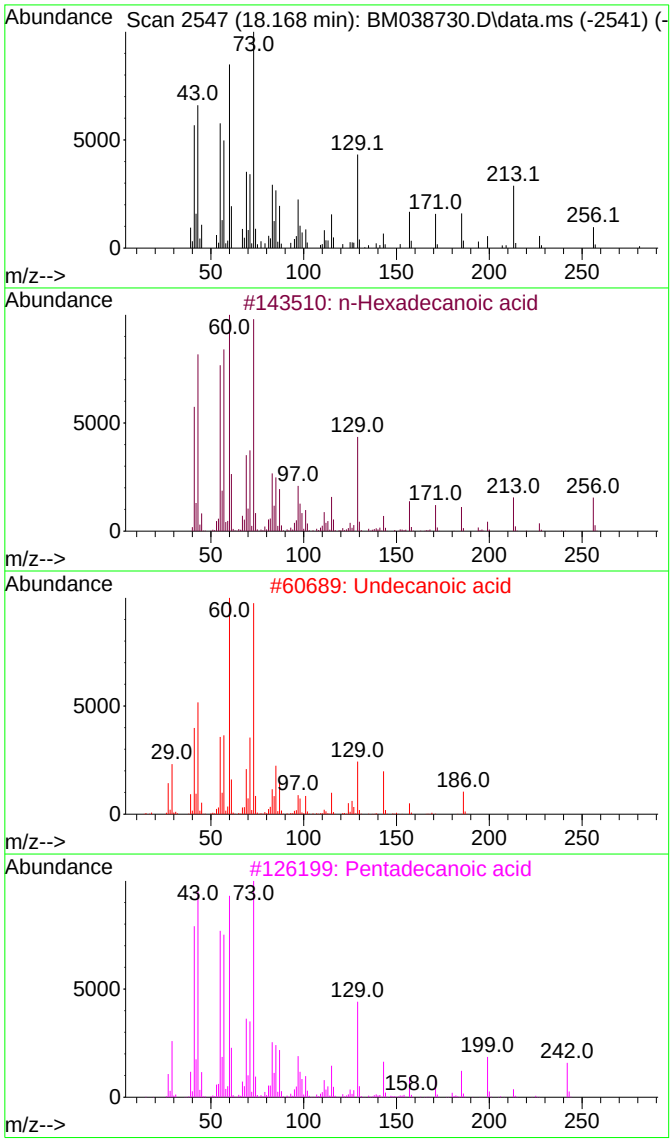
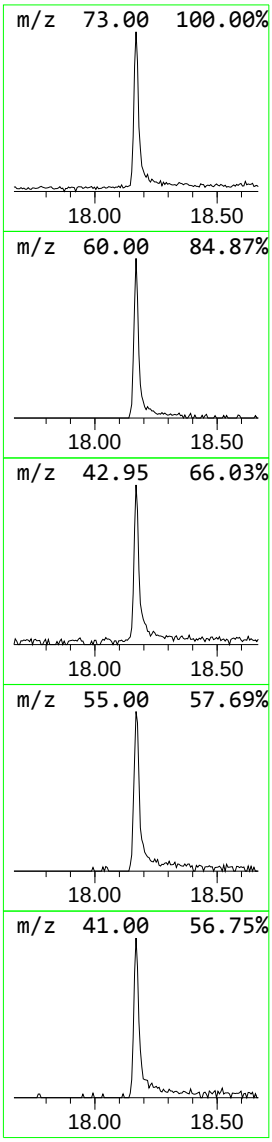
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	11.18 ng	183788	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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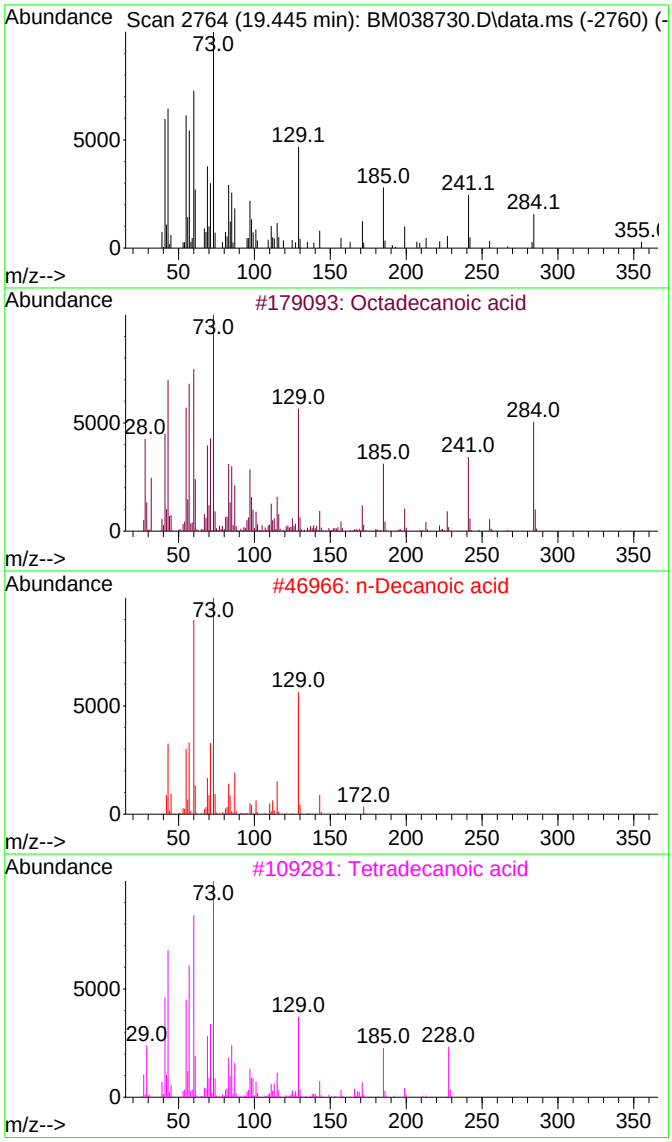
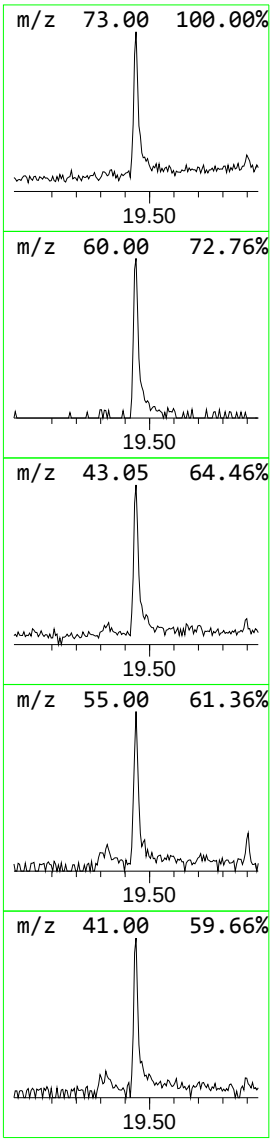
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	4.53 ng	94265	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53





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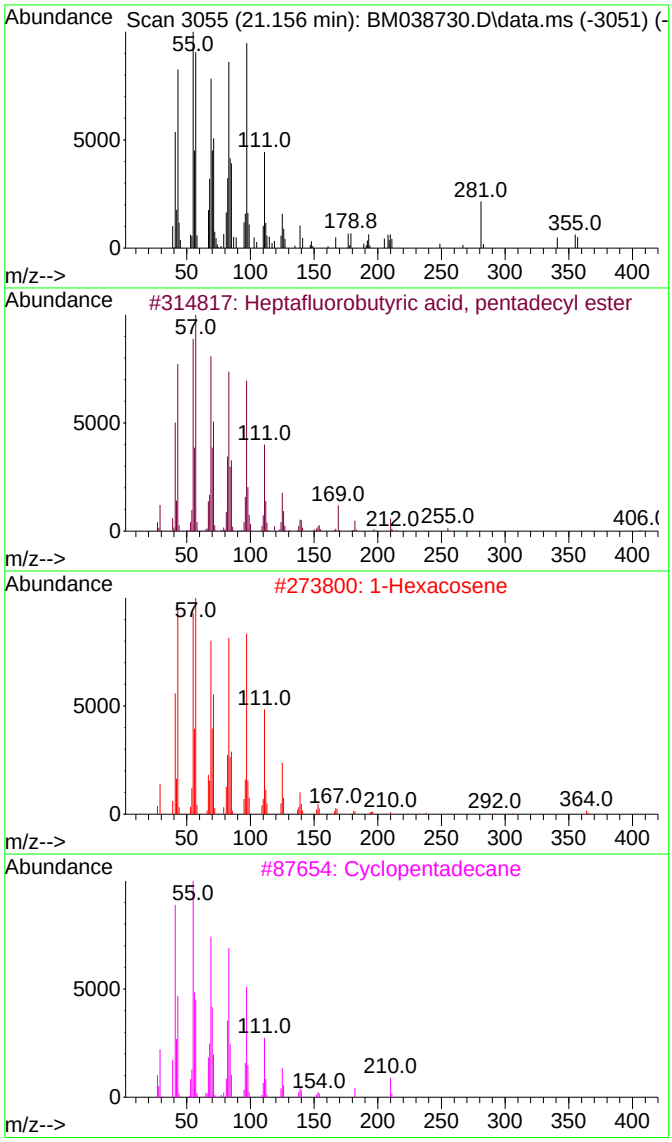
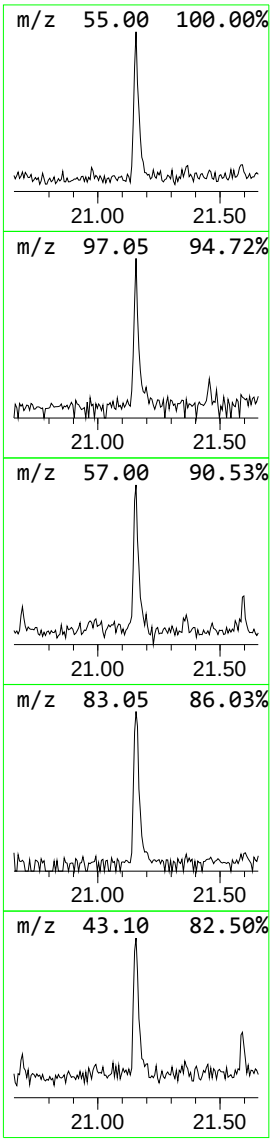
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	3.30 ng	68680	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	Cyclopentadecane	210	C15H30	000295-48-7	91
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	1-Tetracosene	336	C24H48	010192-32-2	83





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-...	4.987	24.7	ng	257956	1	7.898	208898	20.0
n-Hexadecanoic ...	18.168	11.2	ng	183788	4	17.286	328902	20.0
Octadecanoic acid	19.445	4.5	ng	94265	5	21.462	415858	20.0
Heptafluorobuty...	21.156	3.3	ng	68680	5	21.462	415858	20.0