LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035159.D
Acq On : 19 May 2022 19:09
Operator : CG/JU
Sample : N2914-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035159.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	323	329	335	rBV	65295	96126	1.37%	0.242%
2	5.481	400	407	419	rBV	2532944	3610901	51.56%	9.107%
3	7.075	670	678	693	rBV	2418748	3756756	53.64%	9.475%
4	7.904	812	819	828	rBV	608757	954825	13.63%	2.408%
5	9.063	1008	1016	1027	rBV	1464481	2418666	34.54%	6.100%
6	10.704	1288	1295	1305	rBV	759691	1273831	18.19%	3.213%
7	13.169	1707	1714	1727	rVB	3541089	5084970	72.61%	12.825%
8	13.998	1849	1855	1859	rBV	60409	86201	1.23%	0.217%
9	14.539	1941	1947	1955	rBV	1077028	1621856	23.16%	4.091%
10	16.027	2193	2200	2210	rBV	2834572	3912622	55.87%	9.869%
11	17.286	2406	2414	2420	rBV	1320590	1831126	26.15%	4.619%
12	18.192	2561	2568	2578	rBV	839261	1178839	16.83%	2.973%
13	19.345	2761	2764	2775	rVB	82846	126247	1.80%	0.318%
14	19.468	2780	2785	2798	rBV	647029	904474	12.92%	2.281%
15	19.915	2855	2861	2866	rBV	5651071	7003220	100.00%	17.664%
16	20.727	2997	2999	3003	rVB	71670	73462	1.05%	0.185%
17	21.186	3073	3077	3086	rBV	760994	993483	14.19%	2.506%
18	21.468	3120	3125	3135	rBV	1657144	2172570	31.02%	5.480%
19	21.639	3151	3154	3158	rVB2	117528	129140	1.84%	0.326%
20	22.098	3229	3232	3242	rBV3	121245	213898	3.05%	0.539%
21	23.856	3524	3531	3541	rVB2	1067269	2204362	31.48%	5.560%

Sum of corrected areas: 39647575

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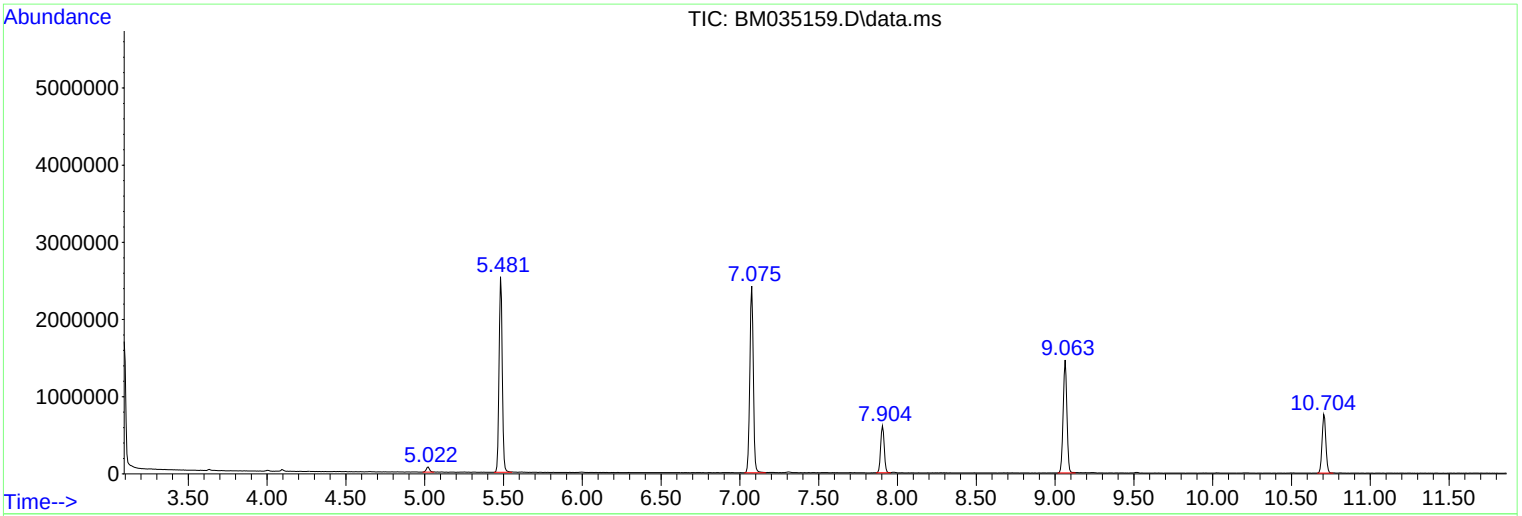
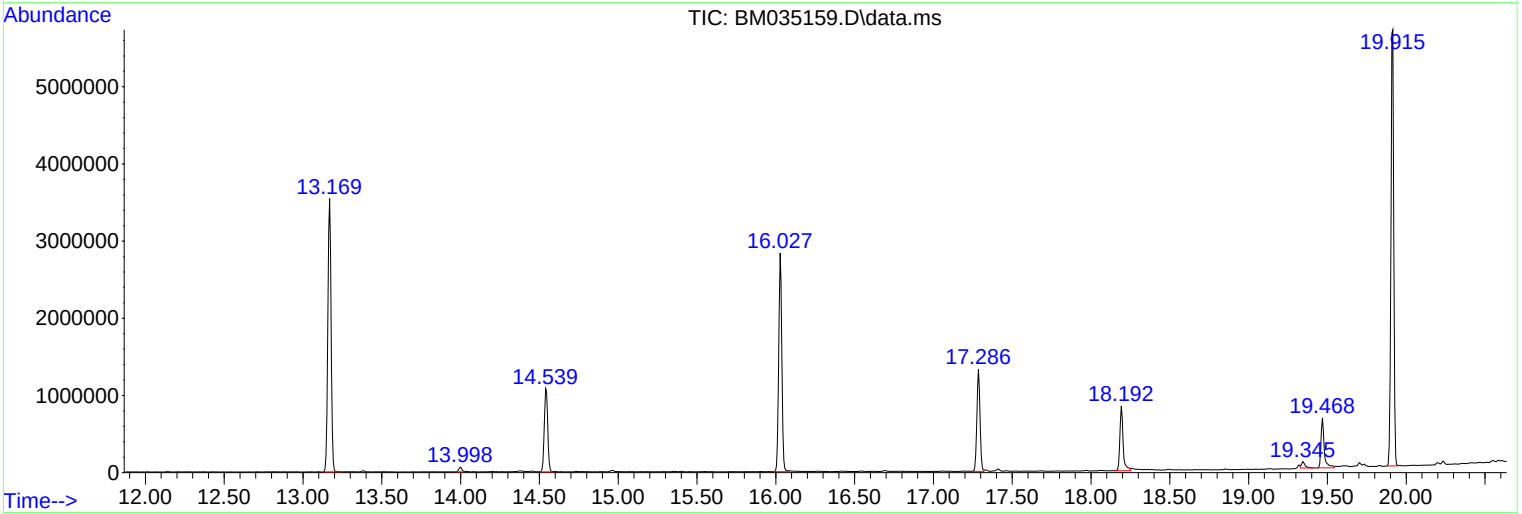
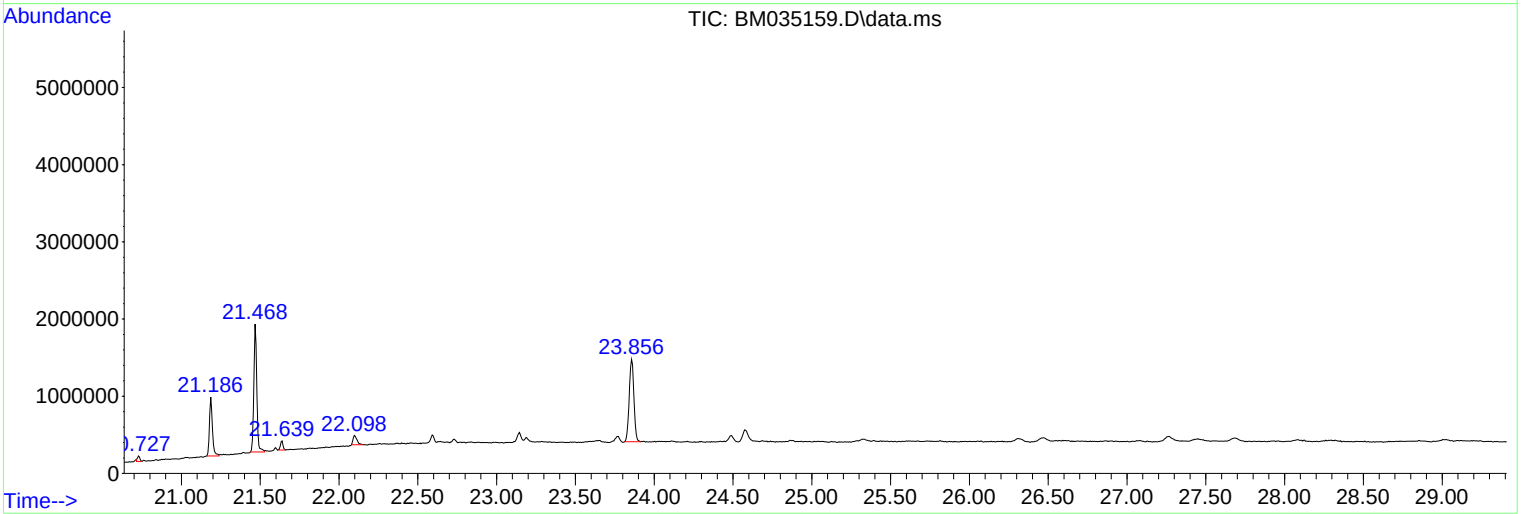
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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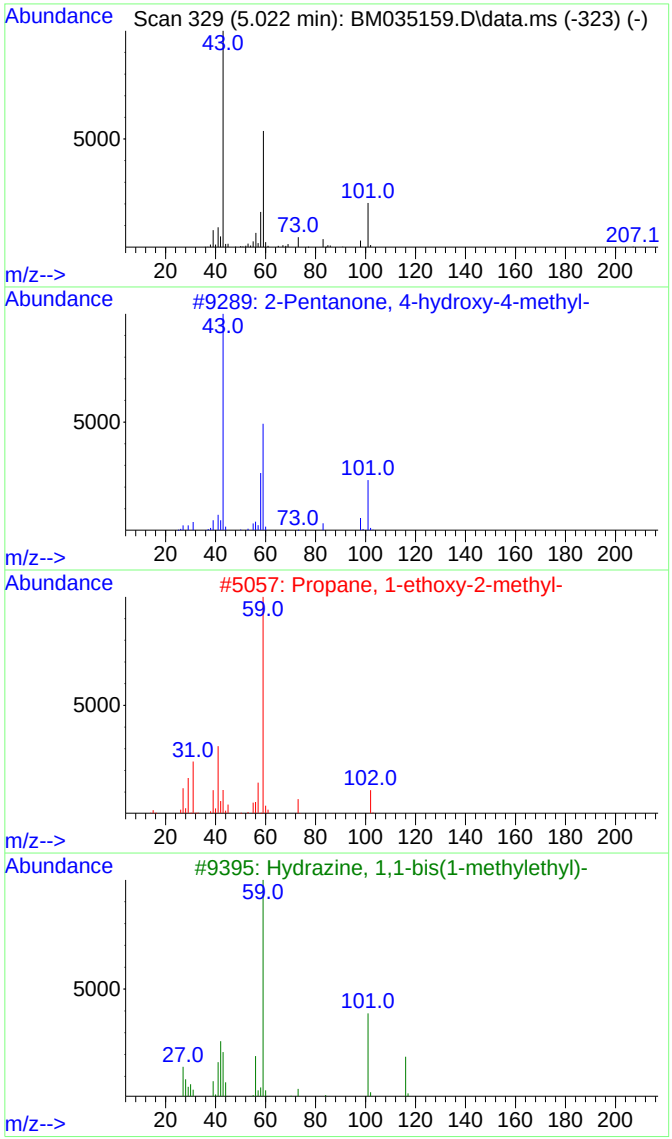
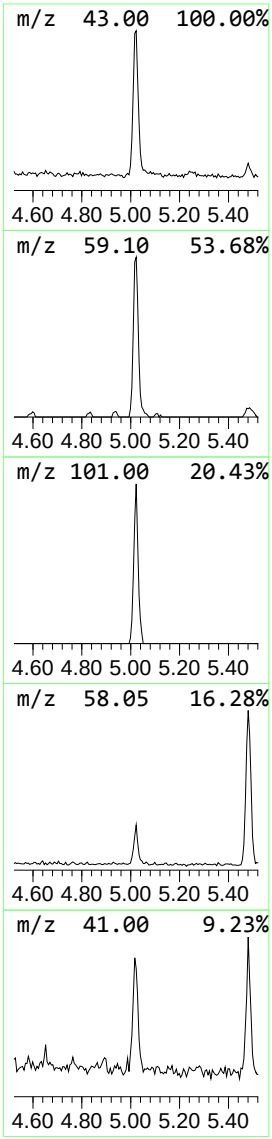
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	2.01 ng	96126	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23





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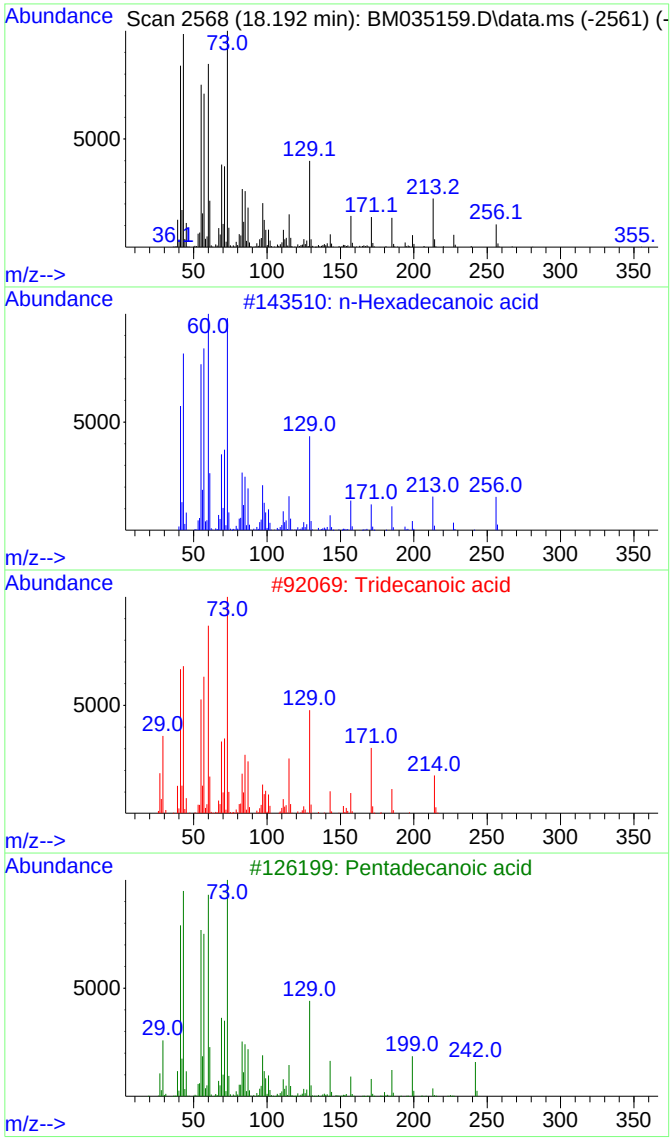
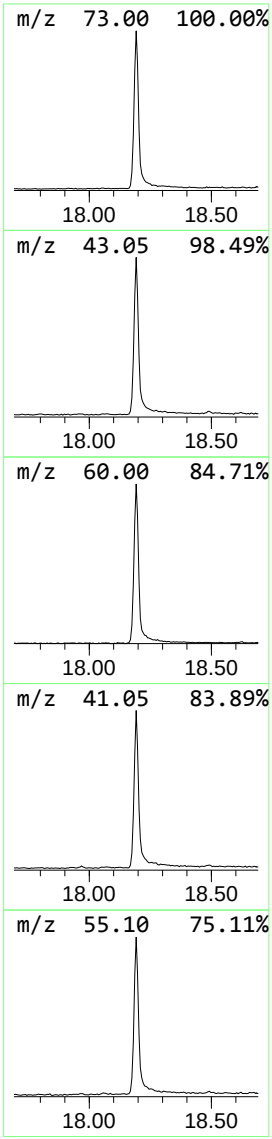
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	12.88 ng	1178840	Phenanthrene-d10	17.286

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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Sample : N2914-01
Misc :
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Instrument :
BNA_M
ClientSampleId :
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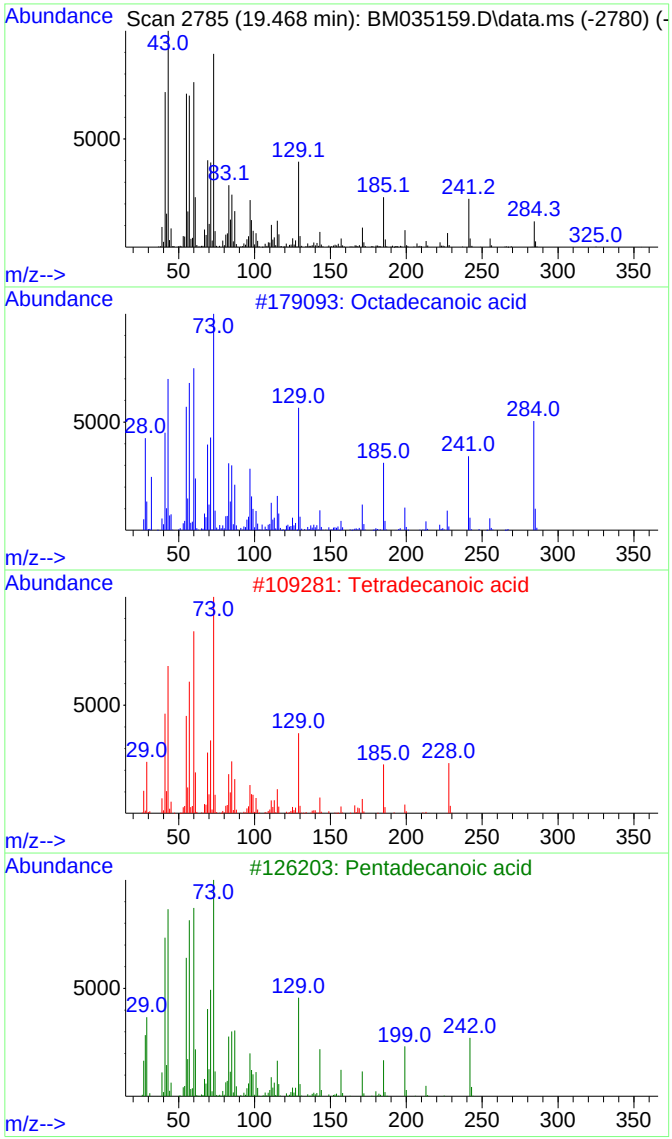
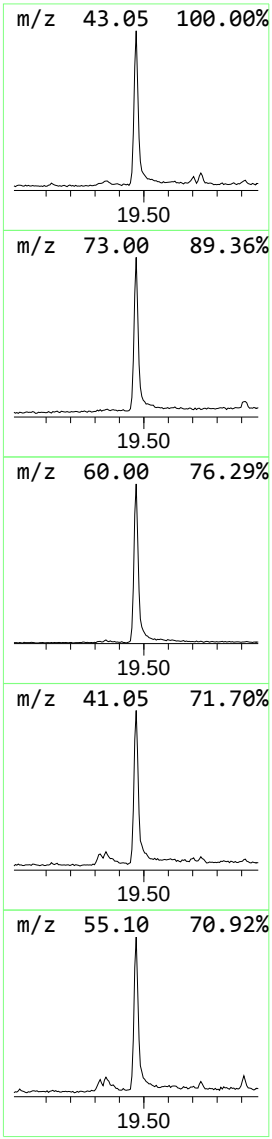
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	8.33 ng	904474	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68





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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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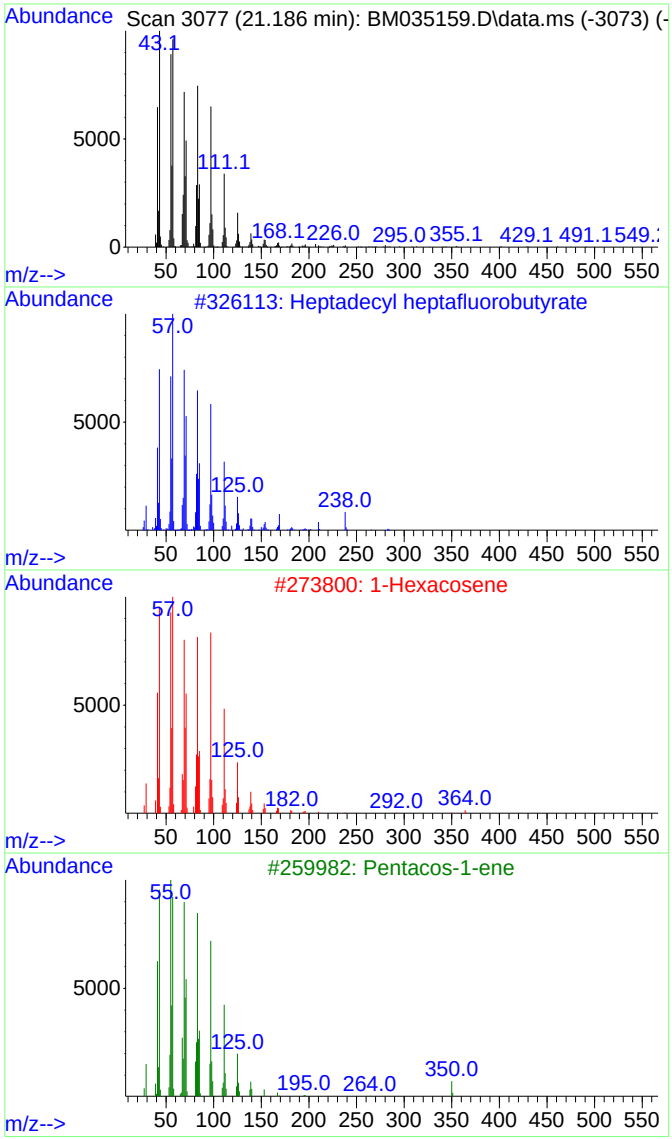
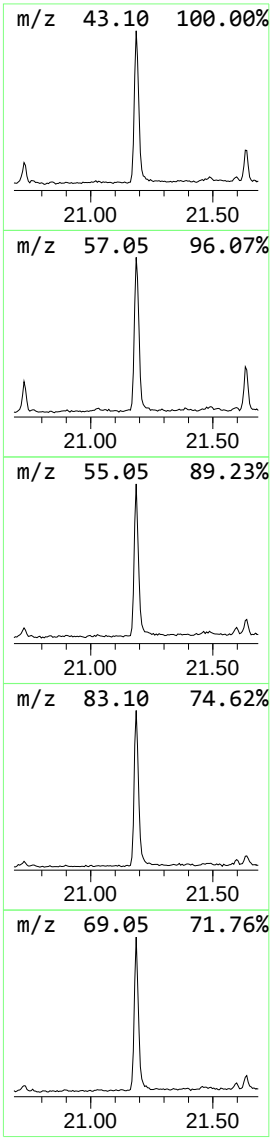
****
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	9.15 ng	993483	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93





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-...	5.022	2.0	ng	96126	1	7.904	954825	20.0
n-Hexadecanoic ...	18.192	12.9	ng	1178840	4	17.286	1831130	20.0
Octadecanoic acid	19.468	8.3	ng	904474	5	21.468	2172570	20.0
Heptadecyl hept...	21.186	9.2	ng	993483	5	21.468	2172570	20.0