LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030359.D
Acq On : 10 Jun 2021 01:32
Operator : CG/JU
Sample : M2626-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(X)

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-BM060921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM030359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	315	321	333	rBV2	123563	201268	1.46%	0.321%
2	5.428	391	398	415	rBV	3233410	4716386	34.10%	7.520%
3	7.010	659	667	687	rBV	3314052	5283052	38.20%	8.424%
4	7.845	803	809	817	rBV	837854	1316694	9.52%	2.099%
5	8.998	998	1005	1017	rBV	1861868	3160642	22.85%	5.040%
6	10.410	1238	1245	1273	rBV	553500	1073025	7.76%	1.711%
7	10.634	1275	1283	1293	rVB	1139195	1949581	14.10%	3.109%
8	13.092	1694	1701	1710	rBV	5603803	8036618	58.11%	12.814%
9	14.469	1928	1935	1952	rVB	1985187	2915001	21.08%	4.648%
10	15.951	2180	2187	2204	rVB	4909387	6790139	49.10%	10.827%
11	17.204	2393	2400	2410	rBV	2652133	3702046	26.77%	5.903%
12	18.092	2545	2551	2560	rBV	305064	458508	3.32%	0.731%
13	19.362	2763	2767	2780	rBV	254097	390998	2.83%	0.623%
14	19.815	2838	2844	2850	rBV	11373851	13829595	100.00%	22.051%
15	20.503	2957	2961	2967	rBV	142302	187150	1.35%	0.298%
16	21.074	3054	3058	3069	rBV2	246169	436018	3.15%	0.695%
17	21.362	3102	3107	3117	rBV	3368188	4304813	31.13%	6.864%
18	23.644	3488	3495	3505	rVB2	2049818	3964281	28.67%	6.321%

Sum of corrected areas: 62715815

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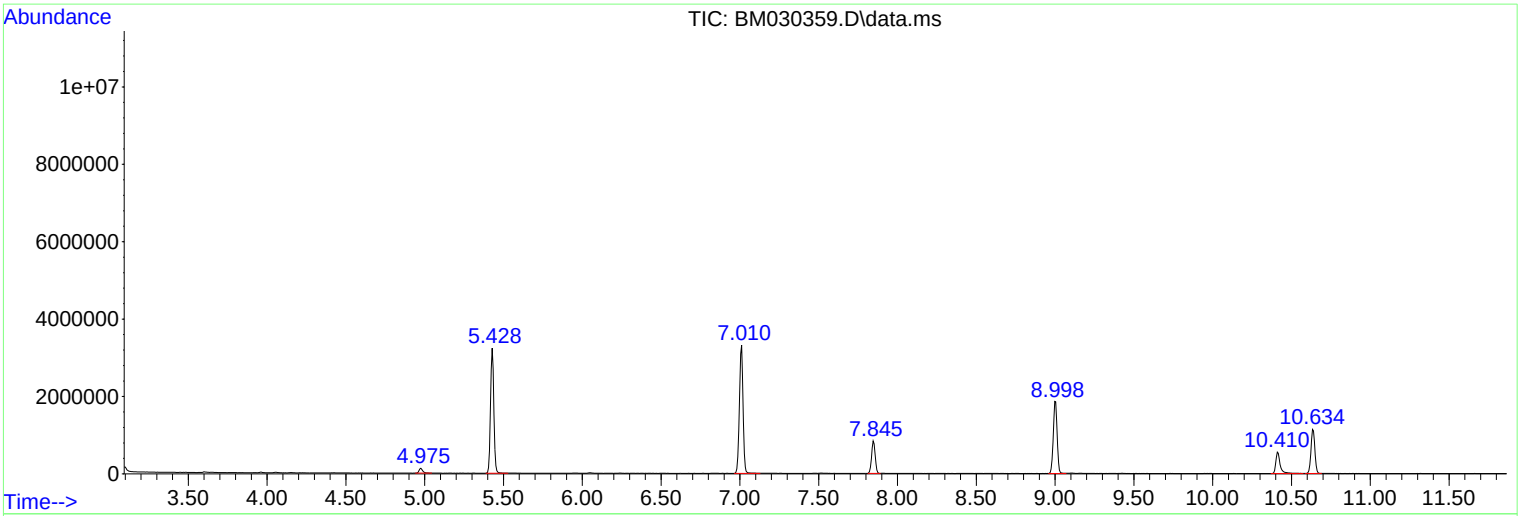
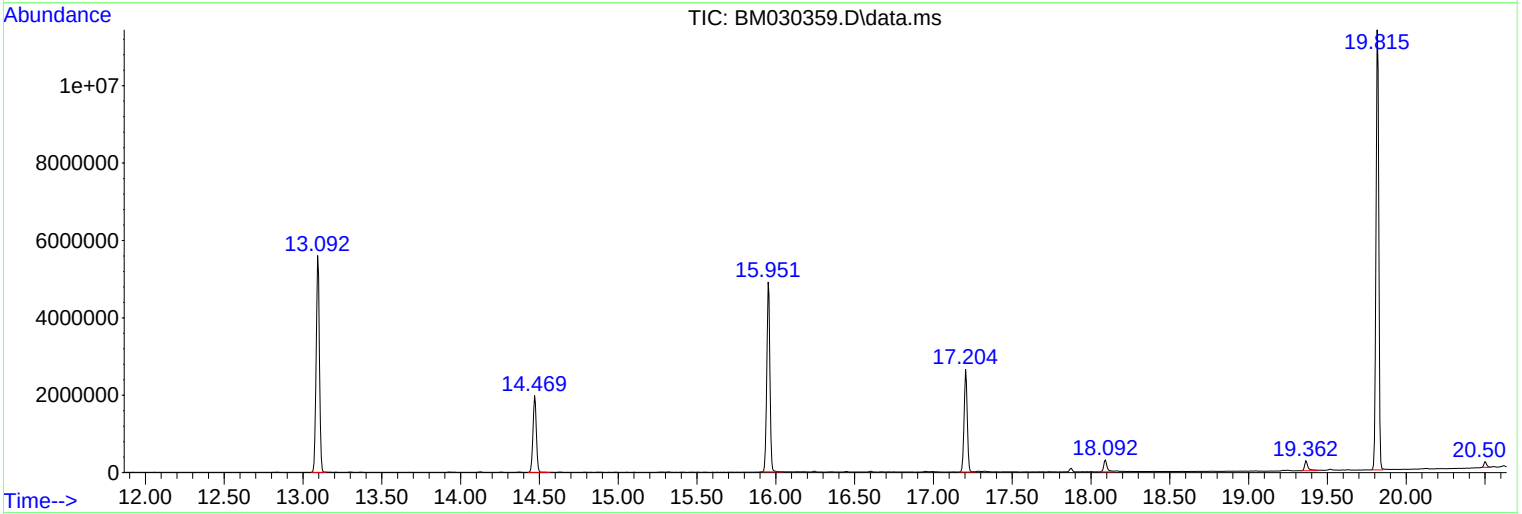
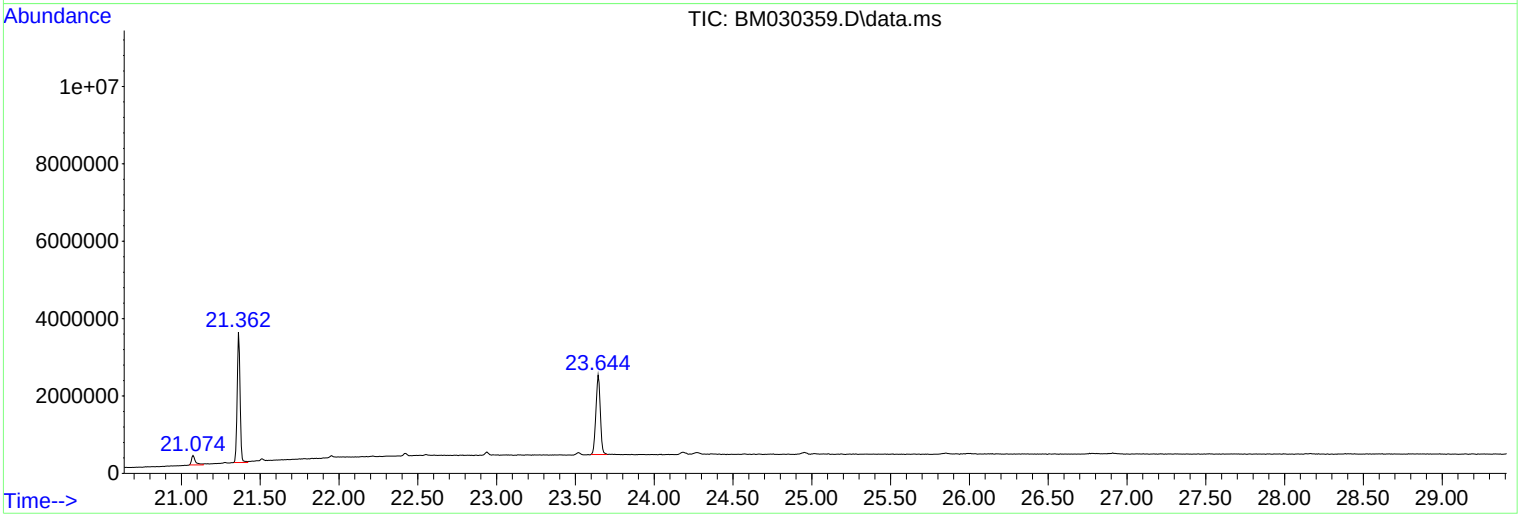
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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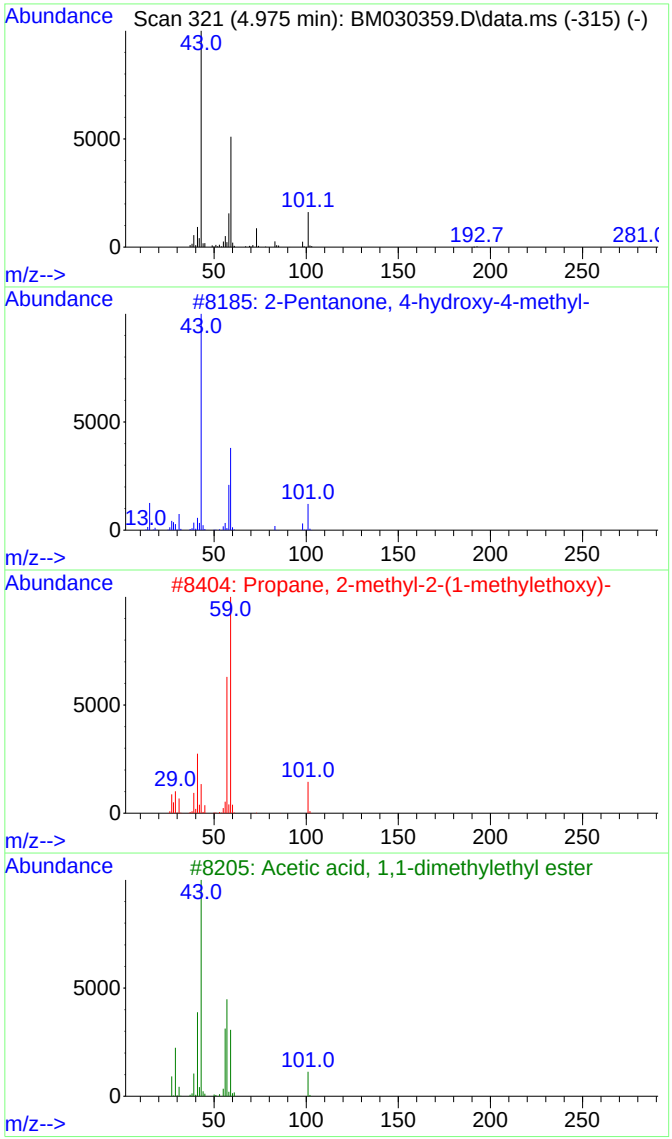
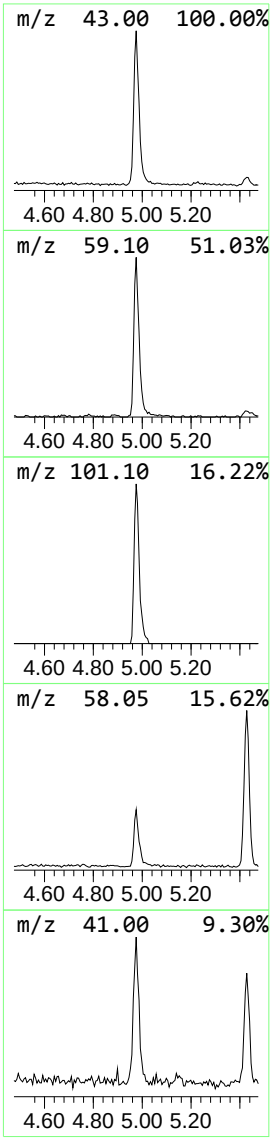
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	3.06 ng	201268	1,4-Dichlorobenzene-d4	7.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





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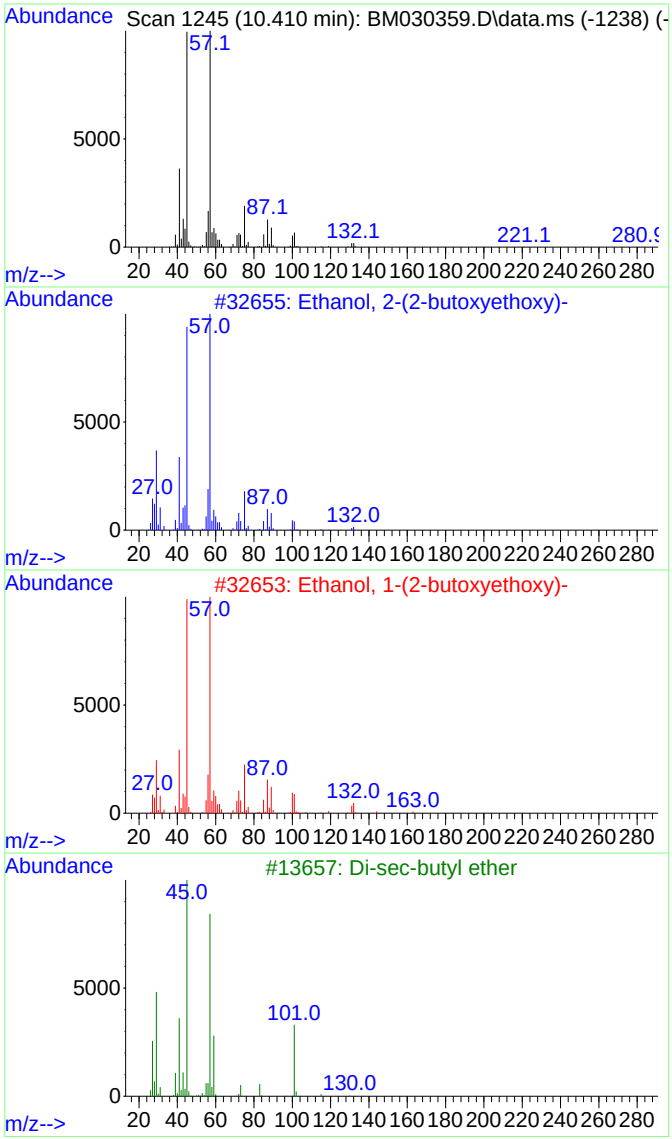
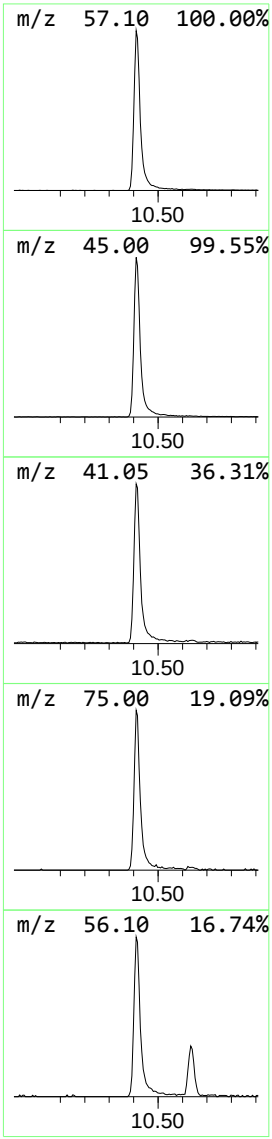
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	11.01 ng	1073030	Naphthalene-d8	10.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
4	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





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ClientSampleId :
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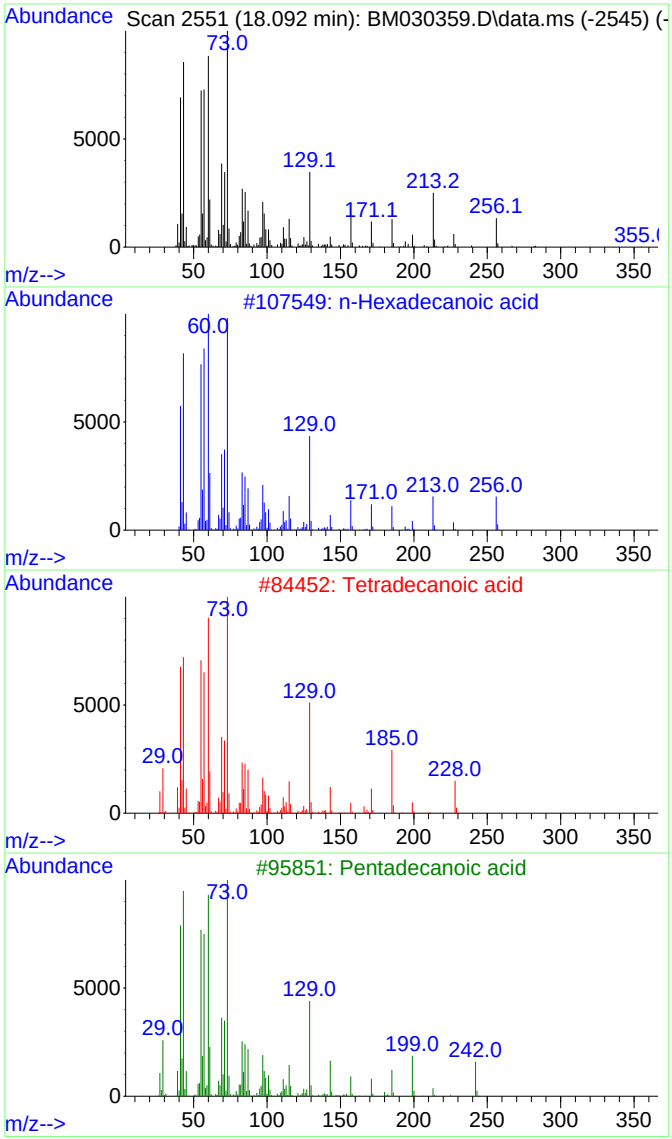
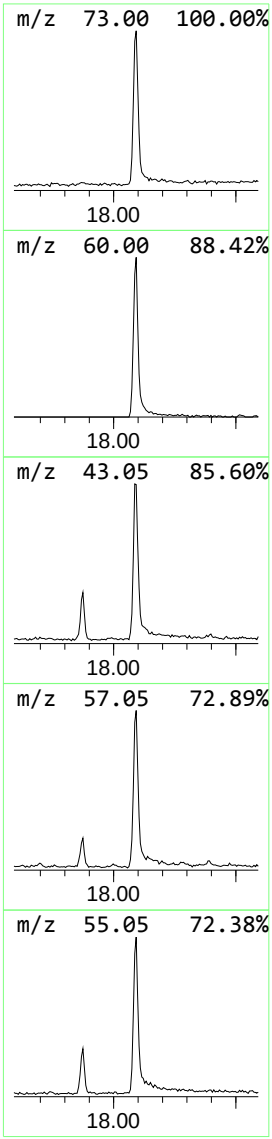
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	2.48 ng	458508	Phenanthrene-d10	17.204

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	50





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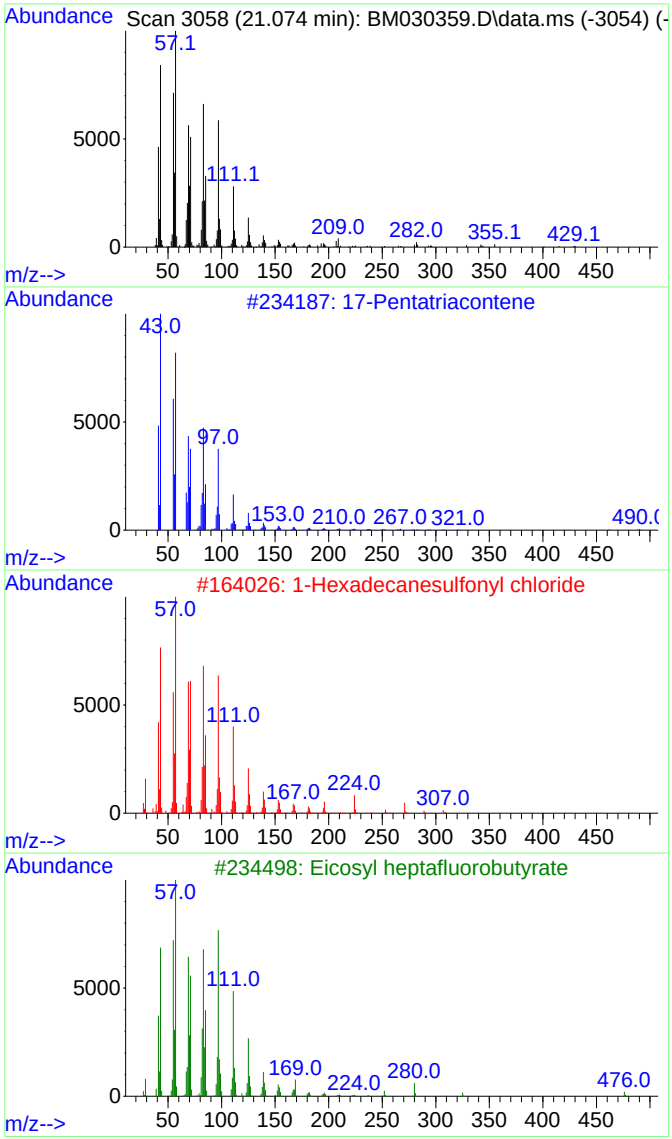
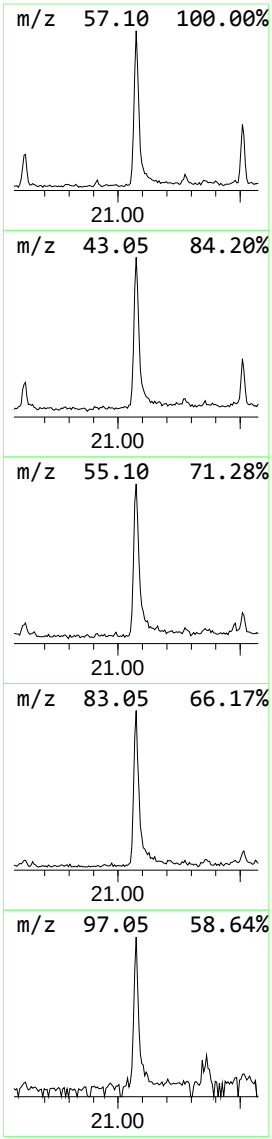
Peak Number 4 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	2.03 ng	436018	Chrysene-d12	21.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
4	Octacosanol	410	C28H58O	000557-61-9	90
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





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-...	4.975	3.1	ng	201268	1	7.845	1316690	20.0
Ethanol, 2-(2-b...	10.410	11.0	ng	1073030	2	10.634	1949580	20.0
n-Hexadecanoic ...	18.092	2.5	ng	458508	4	17.204	3702050	20.0
17-Pentatriacon...	21.074	2.0	ng	436018	5	21.362	4304810	20.0