LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028589.D
Acq On : 28 Jan 2021 16:07
Operator : CG/JU
Sample : M1251-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200059

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.516	389	396	404	rBV	475930	704604	72.82%	10.112%
2	7.157	668	675	685	rBV	465101	721210	74.53%	10.350%
3	7.963	806	812	820	rVB	120417	187217	19.35%	2.687%
4	9.139	1004	1012	1024	rBV	285519	464211	47.97%	6.662%
5	10.780	1284	1291	1299	rVB	160463	256544	26.51%	3.682%
6	13.233	1702	1708	1717	rBV	576550	828113	85.58%	11.885%
7	14.068	1845	1850	1855	rBV	10507	14056	1.45%	0.202%
8	14.615	1936	1943	1949	rBV	204595	303935	31.41%	4.362%
9	16.098	2189	2195	2207	rVB	478922	650940	67.27%	9.342%
10	17.345	2401	2407	2411	rBV	232928	319424	33.01%	4.584%
11	17.386	2411	2414	2419	rVB	17424	22730	2.35%	0.326%
12	18.221	2551	2556	2566	rBV	167742	225074	23.26%	3.230%
13	18.639	2623	2627	2632	rBV3	6997	9807	1.01%	0.141%
14	18.968	2679	2683	2688	rBV	18427	23619	2.44%	0.339%
15	19.062	2695	2699	2705	rVB3	7463	11190	1.16%	0.161%
16	19.380	2749	2753	2759	rVB	47015	67374	6.96%	0.967%
17	19.486	2767	2771	2777	rBV	59816	79012	8.17%	1.134%
18	19.744	2811	2815	2821	rVB	37531	49906	5.16%	0.716%
19	19.939	2843	2848	2854	rBV	770426	967654	100.00%	13.887%
20	20.209	2890	2894	2896	rBV3	9619	12459	1.29%	0.179%
21	20.609	2958	2962	2969	rBV3	11585	19142	1.98%	0.275%
22	20.809	2993	2996	3000	rBV	43045	50876	5.26%	0.730%
23	21.180	3055	3059	3067	rBV	185602	239645	24.77%	3.439%
24	21.486	3105	3111	3115	rBV	285988	397968	41.13%	5.711%
25	23.750	3490	3496	3502	rVB2	187237	341231	35.26%	4.897%

Sum of corrected areas: 6967941

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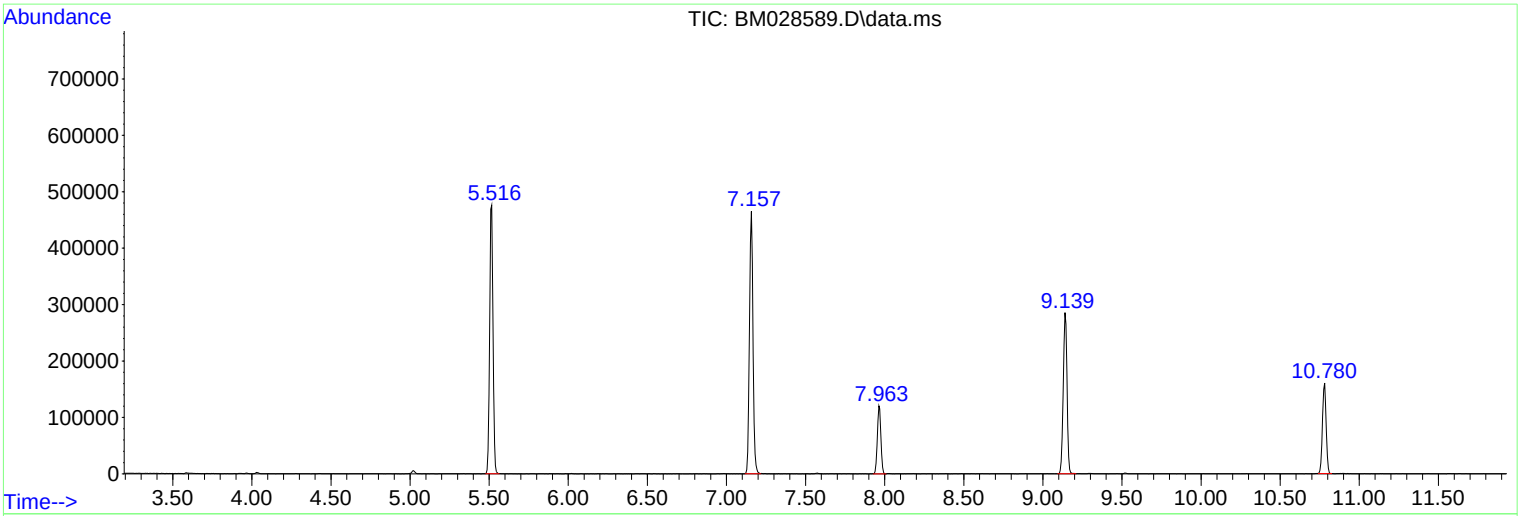
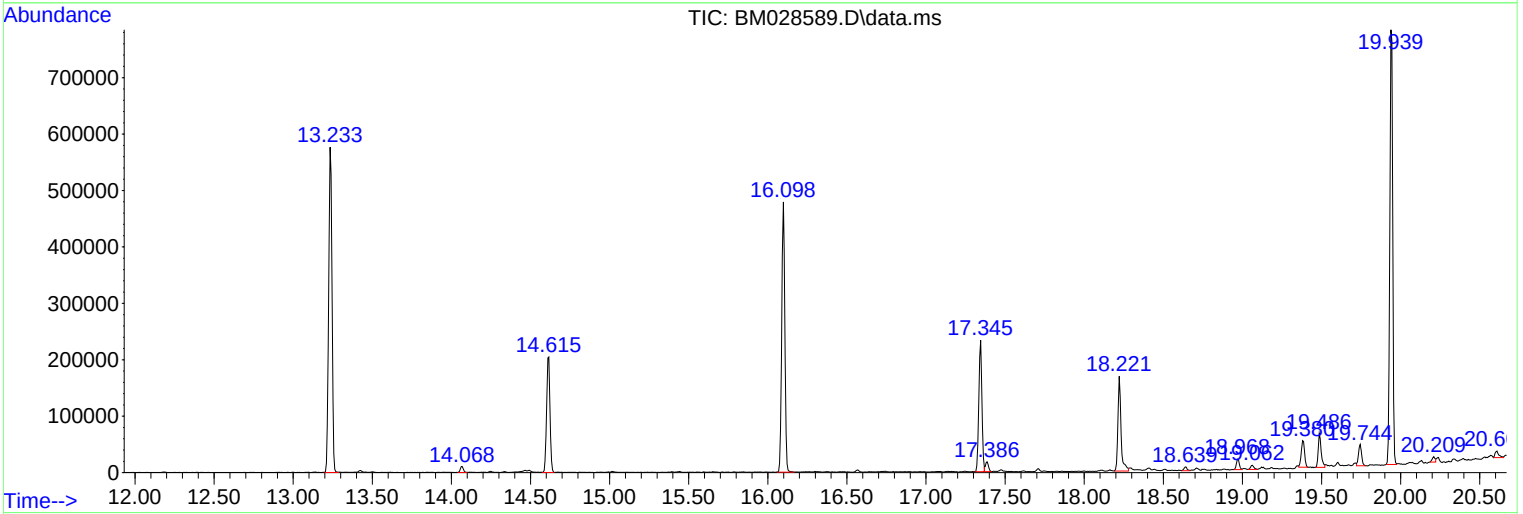
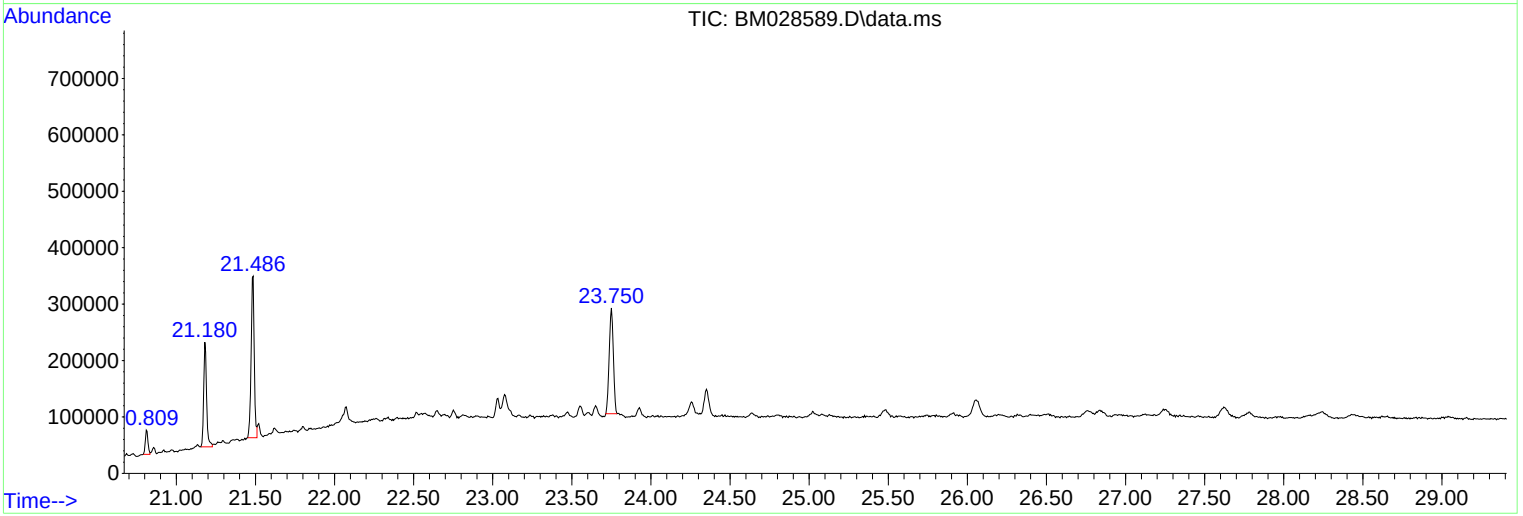
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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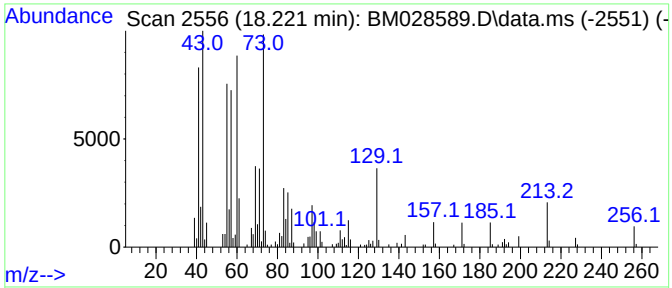
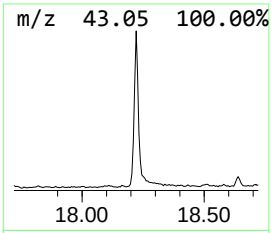
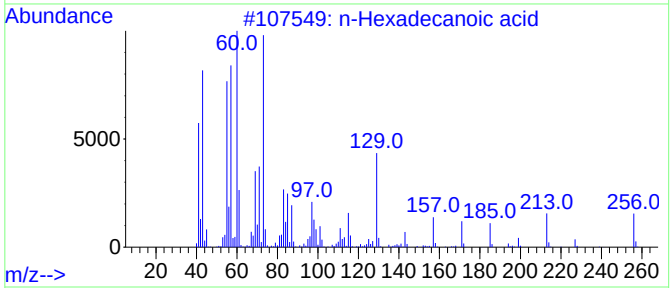
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

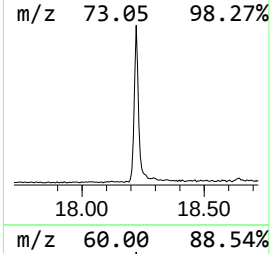
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	14.09 ng	225074	Phenanthrene-d10	17.345

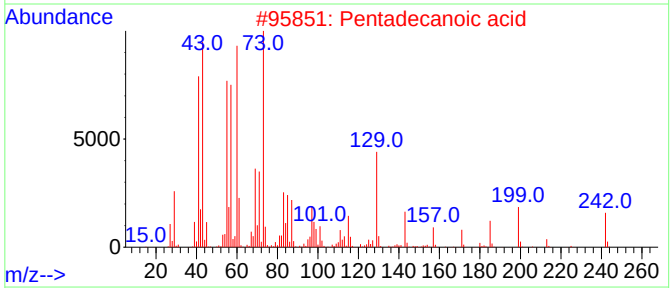
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64

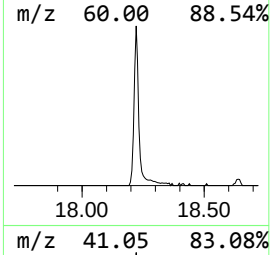


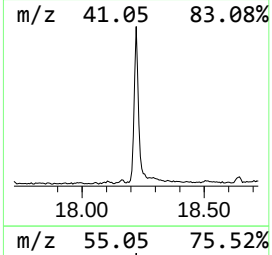


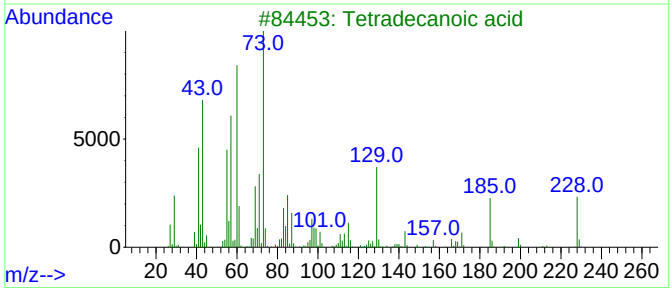


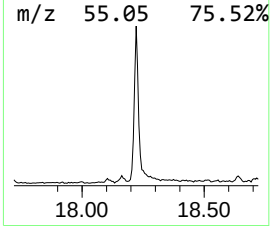












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Instrument : BNA_M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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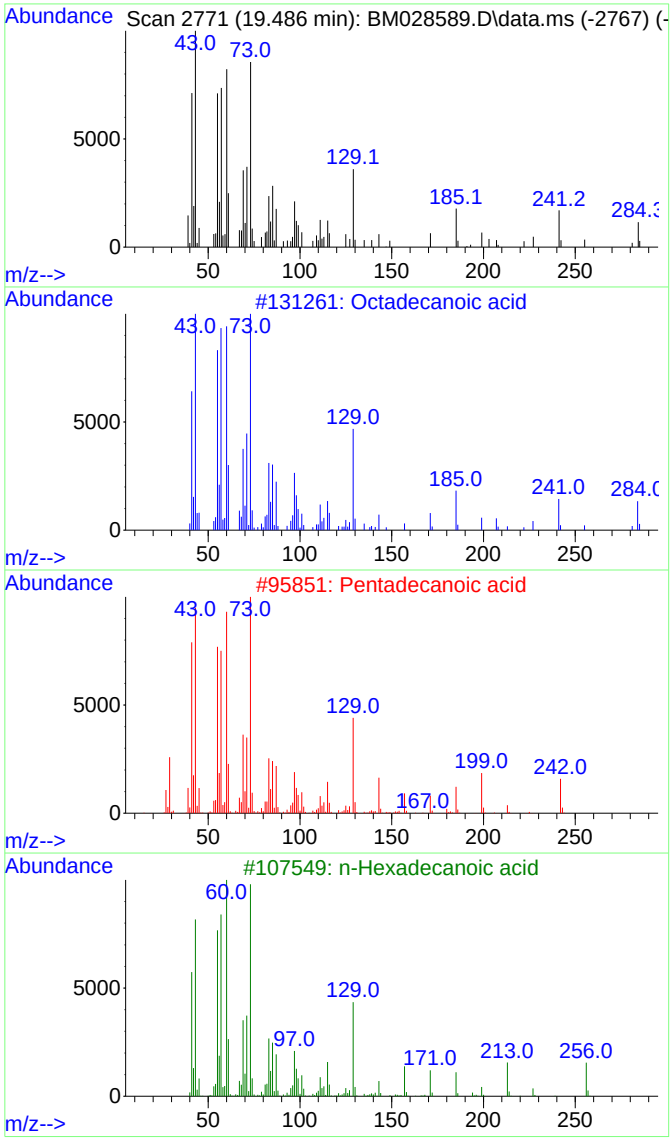
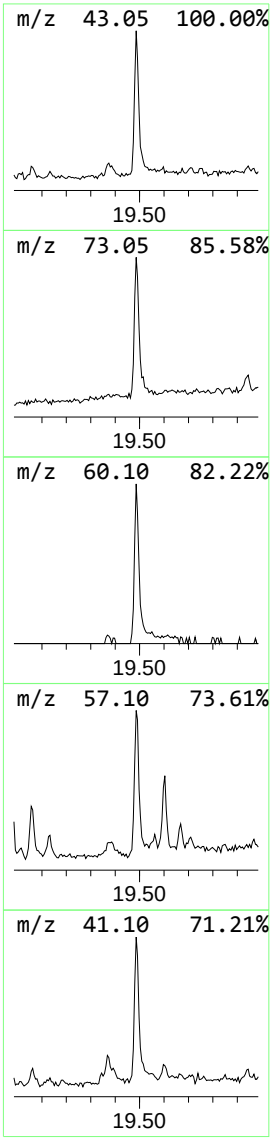
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.486	3.97 ng	79012	Chrysene-d12	21.486

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	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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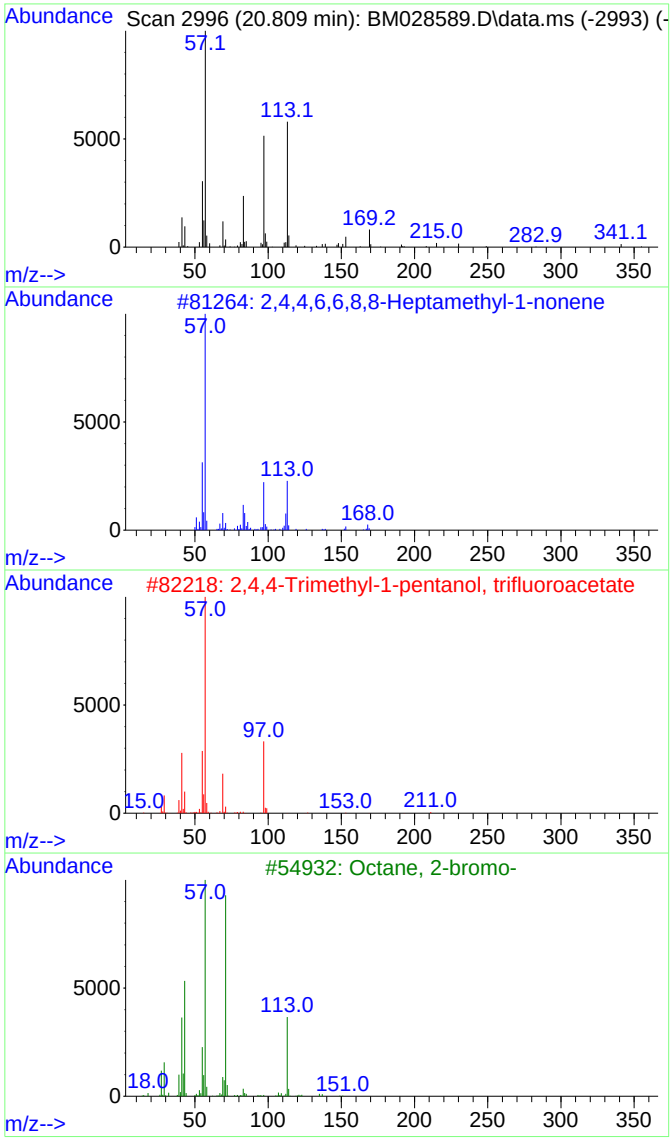
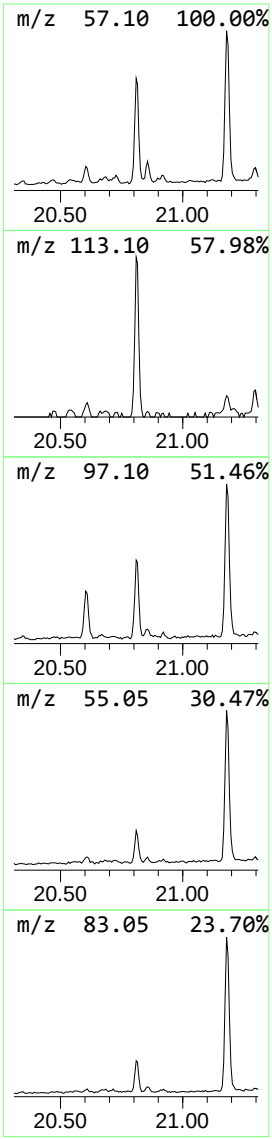
Peak Number 3 unknown20.80 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.809	2.56 ng	50876	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	37
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
4	1-[1-Hydroxy-3-methyl-1-(2-methy...	266	C16H26O3	1000311-90-8	25
5	5,11-Diethyl-8-methyl-7,9-dioxap...	286	C18H38O2	1000334-83-1	16





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Instrument : BNA_M
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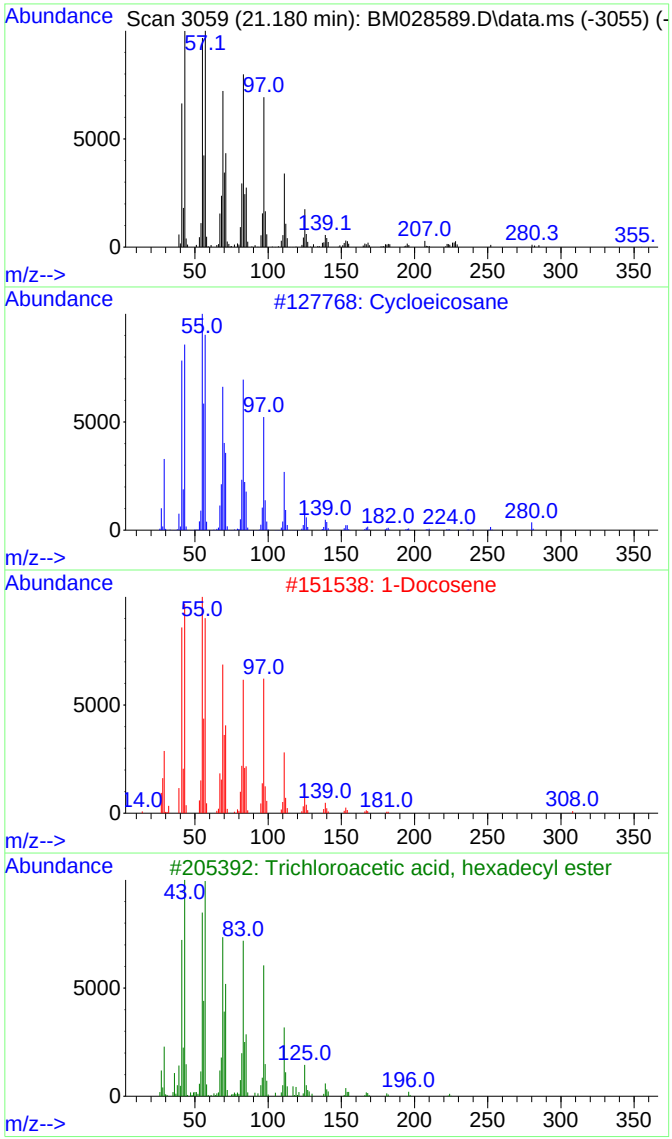
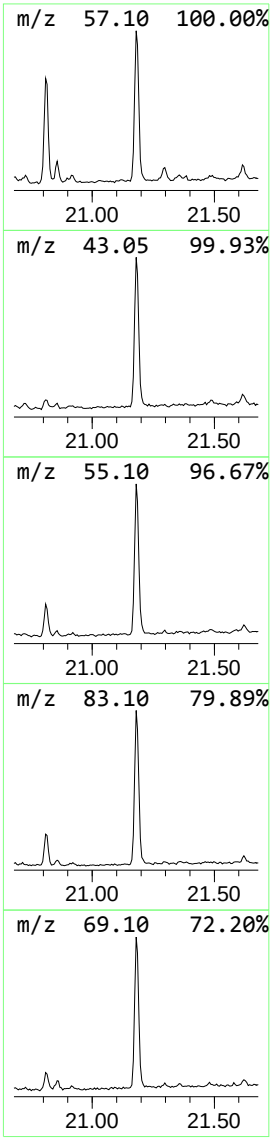
Peak Number 4 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	12.04 ng	239645	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	99
2	1-Docosene	308	C22H44	001599-67-3	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.221	14.1	ng	225074	4	17.345	319424	20.0
Octadecanoic acid	19.486	4.0	ng	79012	5	21.486	397968	20.0
unknown20.80	20.809	2.6	ng	50876	5	21.486	397968	20.0
Cycloeicosane	21.180	12.0	ng	239645	5	21.486	397968	20.0