LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135891.D
Acq On : 19 Oct 2023 17:40
Operator : CG\JU
Sample : 04908-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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_F\Methods\8270-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135891.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	484	488	502	rBV	378803	489622	34.07%	4.796%
2	5.375	556	559	587	rBV	1122396	1249513	86.95%	12.241%
3	6.393	728	732	757	rBV	1268966	1267869	88.22%	12.420%
4	6.734	787	790	801	rVB	384275	318460	22.16%	3.120%
5	7.304	883	887	898	rBV	923378	792427	55.14%	7.763%
6	8.016	1004	1008	1020	rBV	442283	415198	28.89%	4.067%
7	9.092	1187	1191	1194	rBV	1840318	1437117	100.00%	14.078%
8	9.210	1208	1211	1216	rBV	25975	25151	1.75%	0.246%
9	9.769	1303	1306	1316	rBV	510107	462771	32.20%	4.533%
10	10.569	1438	1442	1455	rBV	958757	905610	63.02%	8.872%
11	11.269	1557	1561	1568	rBV	543578	458470	31.90%	4.491%
12	11.804	1648	1652	1673	rBV	221885	260304	18.11%	2.550%
13	12.592	1783	1786	1799	rBV2	46001	72554	5.05%	0.711%
14	12.863	1828	1832	1835	rBV	1416991	1206899	83.98%	11.823%
15	13.433	1924	1929	1932	rBV2	18907	20348	1.42%	0.199%
16	13.816	1988	1994	2011	rVV6	24094	83134	5.78%	0.814%
17	13.933	2011	2014	2023	rVB	325329	308190	21.45%	3.019%
18	14.086	2036	2040	2042	rBV	19704	17956	1.25%	0.176%
19	14.392	2089	2092	2097	rVB	23074	22254	1.55%	0.218%
20	14.692	2140	2143	2148	rBV2	18524	22451	1.56%	0.220%
21	15.027	2197	2200	2203	rVB2	19465	21337	1.48%	0.209%
22	15.410	2260	2265	2273	rVB	257107	331610	23.07%	3.249%
23	15.839	2334	2338	2342	rVB6	11349	18661	1.30%	0.183%

Sum of corrected areas: 10207906

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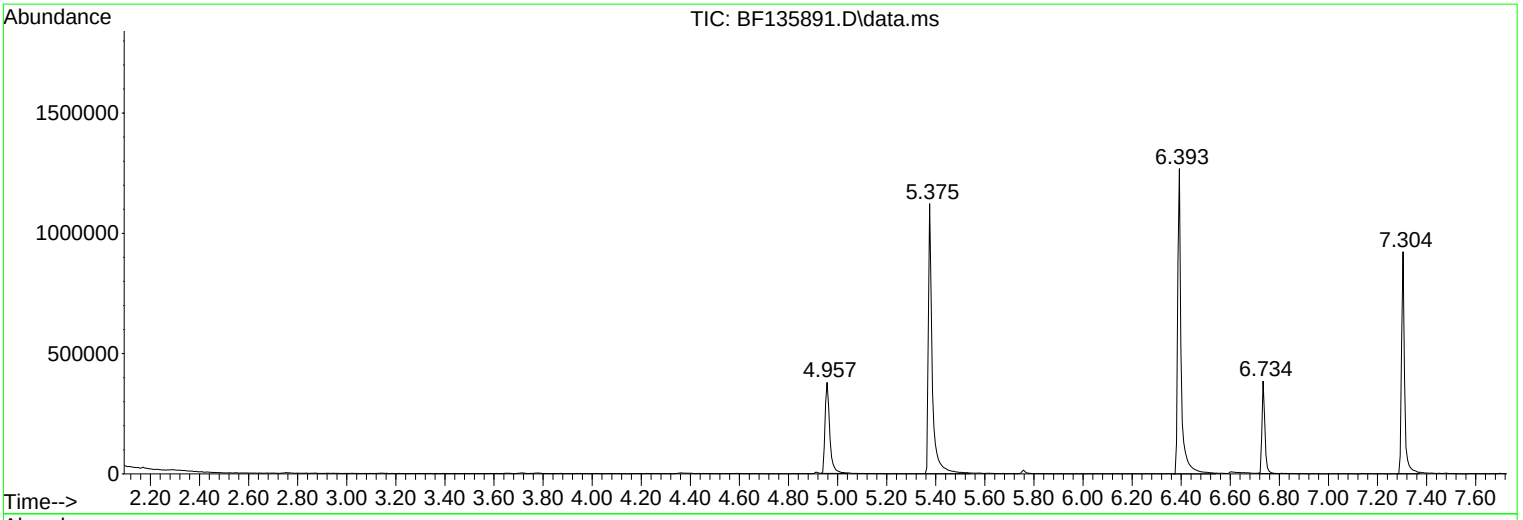
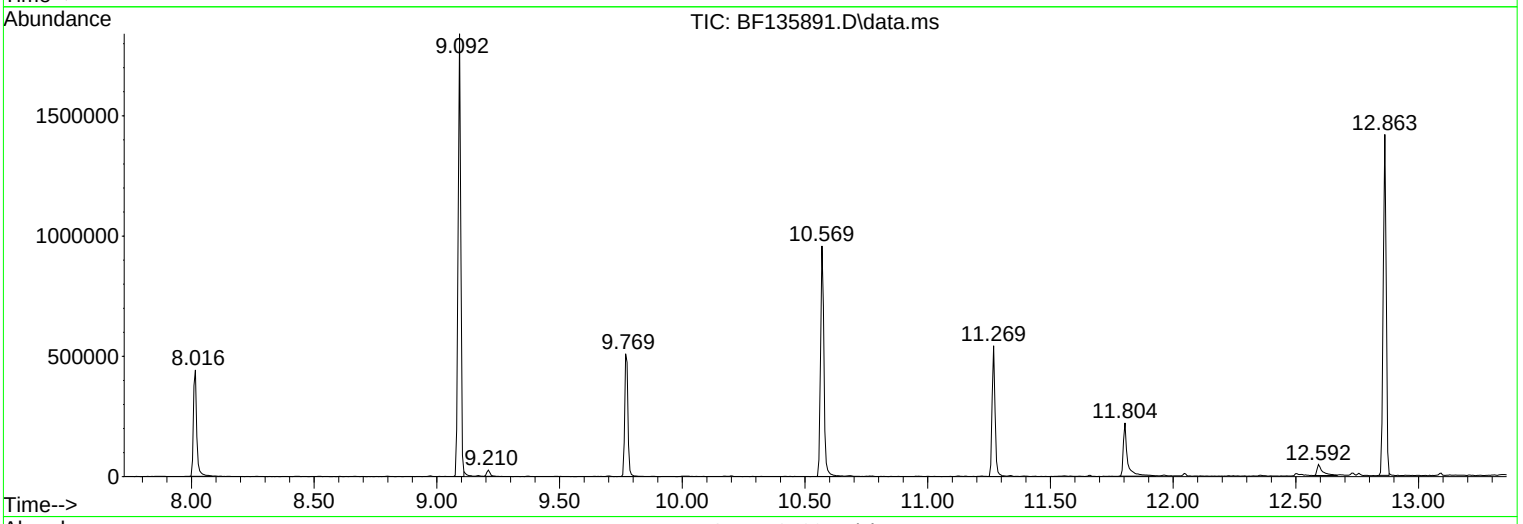
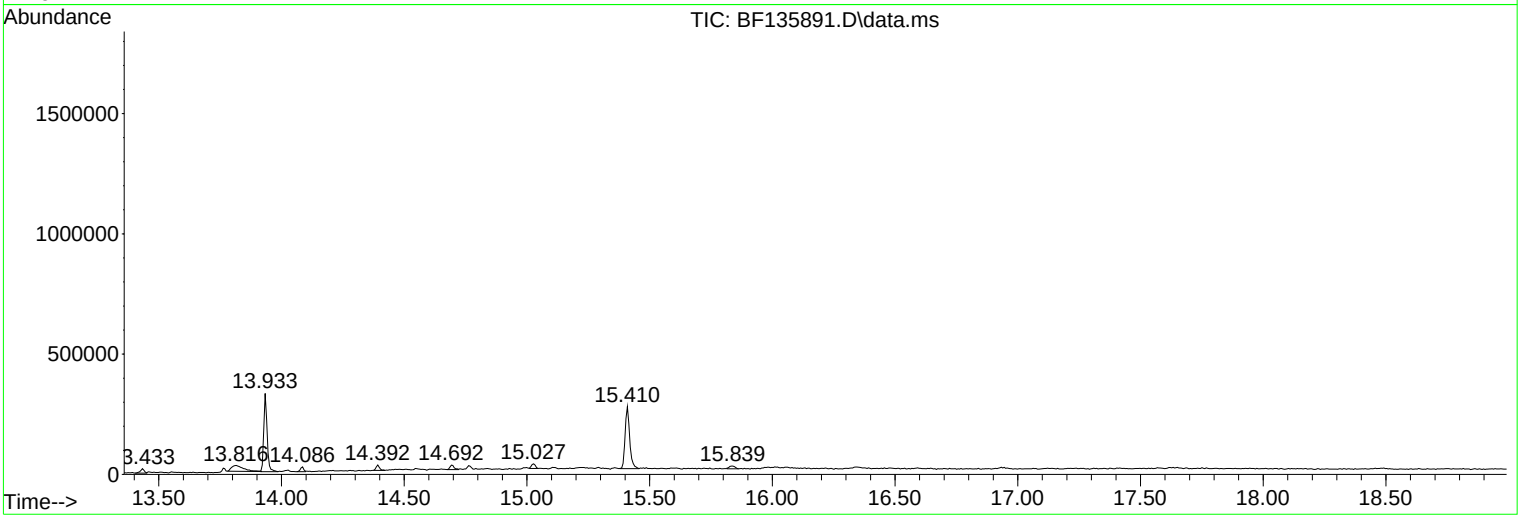
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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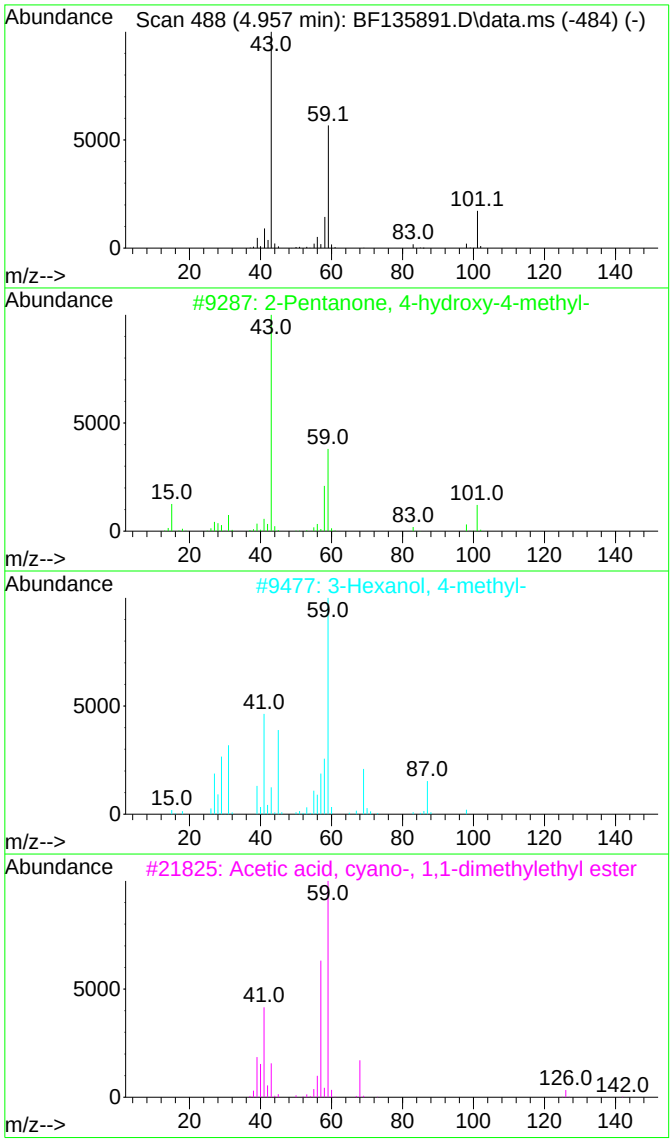
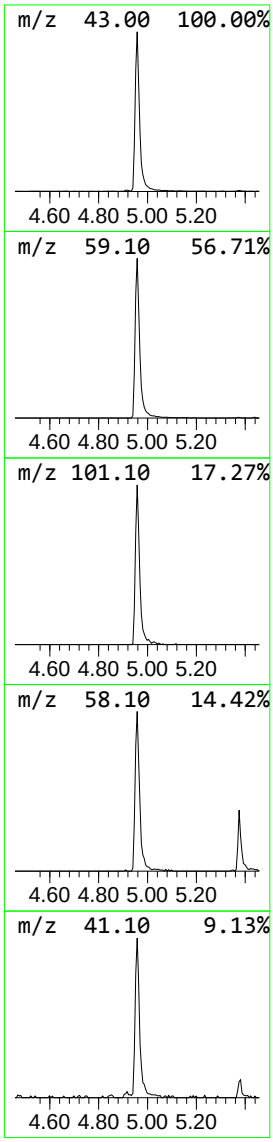
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	30.75 ng	489622	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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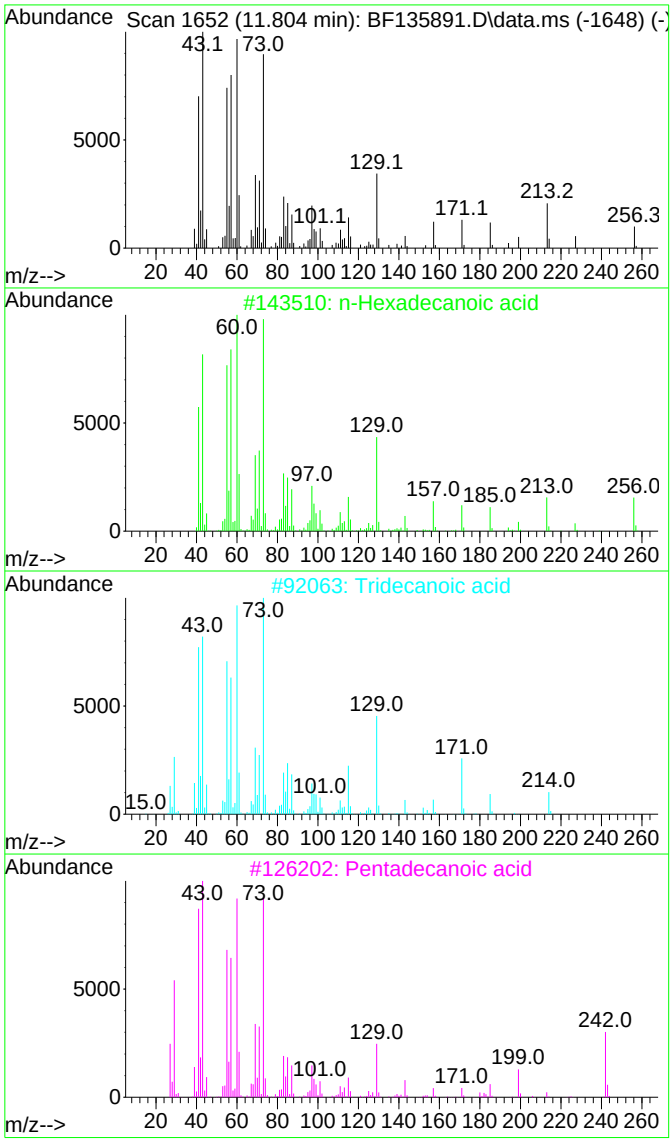
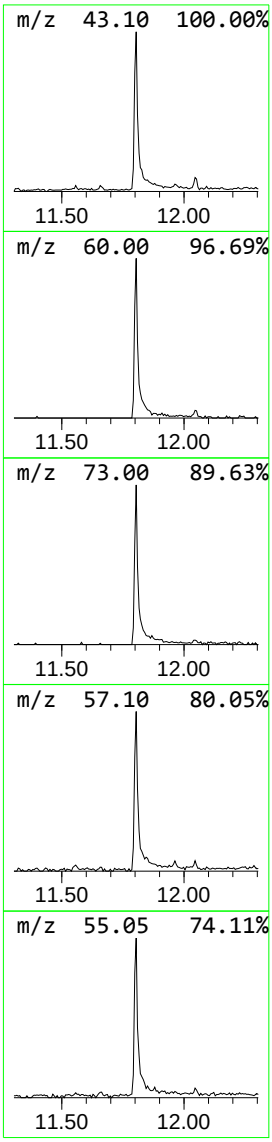
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	11.36 ng	260304	Phenanthrene-d10	11.269

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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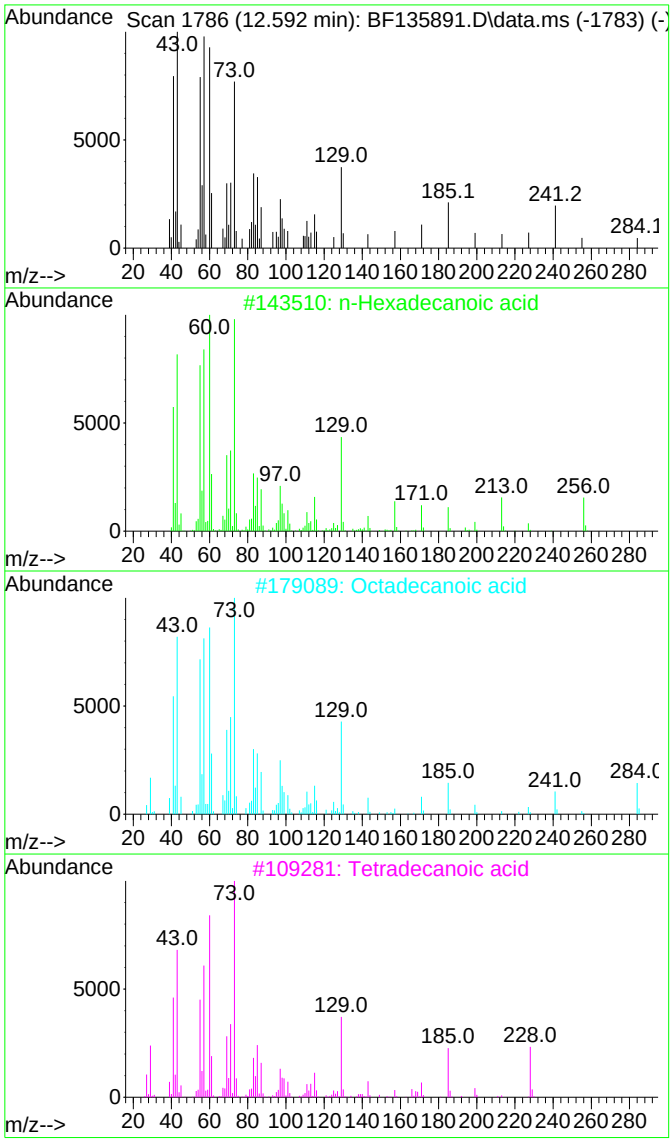
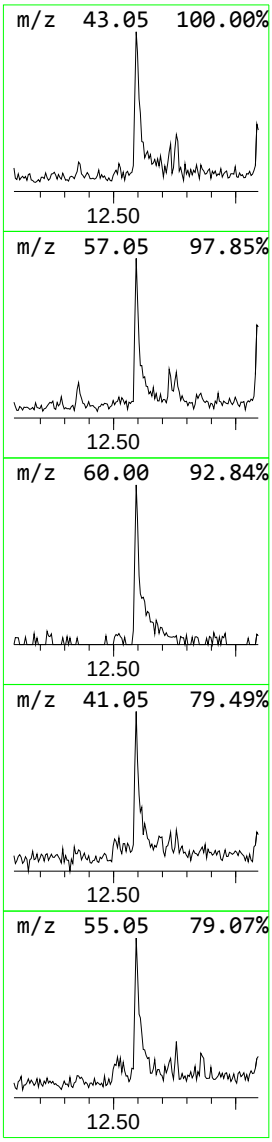
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	3.17 ng	72554	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2	Octadecanoic acid	284	C18H36O2	000057-11-4	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52





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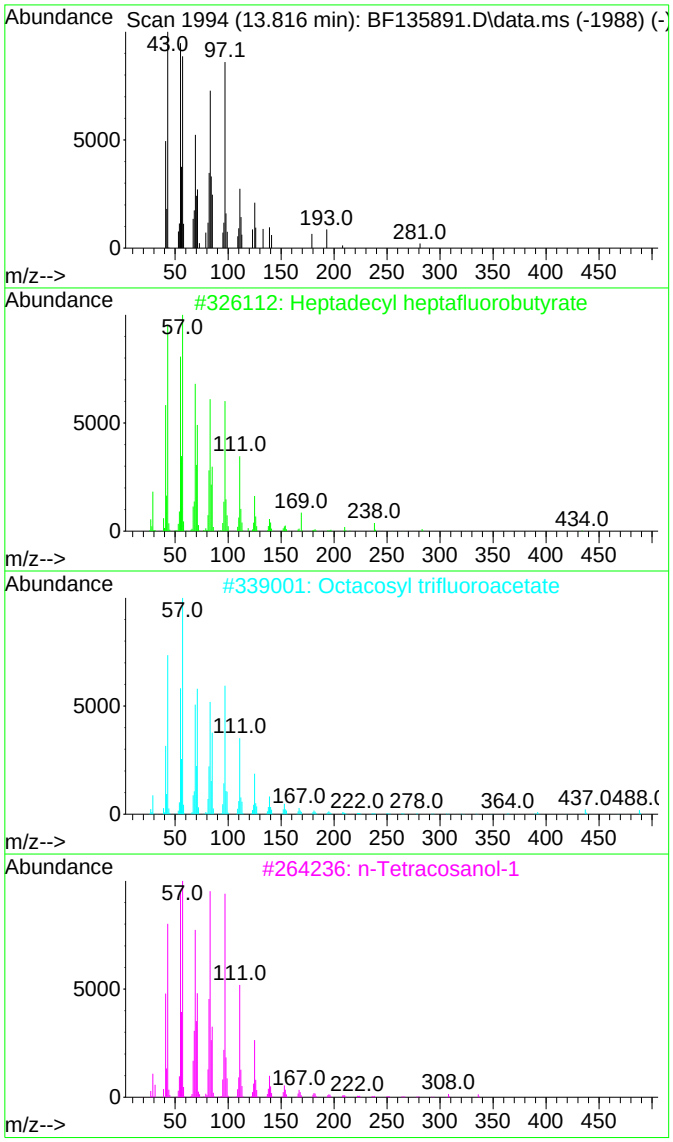
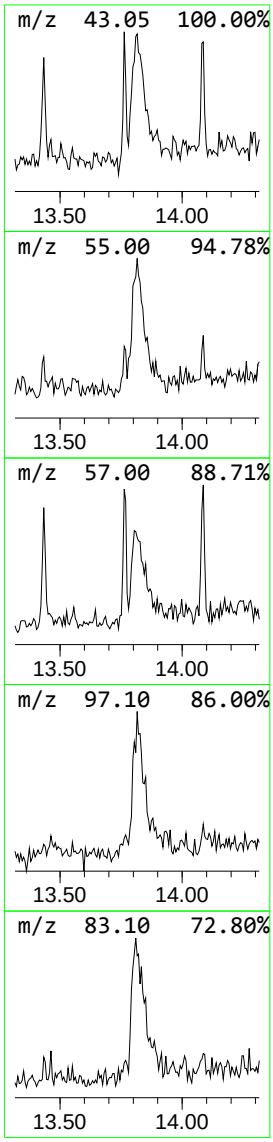
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	5.39 ng	83134	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	72
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	72
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	62
4	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1010164-49-7	58
5	1-Heptacosanol	396	C27H56O	002004-39-9	52





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-...	4.957	30.8	ng	489622	1	6.734	318460	20.0
n-Hexadecanoic ...	11.804	11.4	ng	260304	4	11.269	458470	20.0
Octadecanoic acid	12.592	3.2	ng	72554	4	11.269	458470	20.0
Heptadecyl hept...	13.816	5.4	ng	83134	5	13.933	308190	20.0