LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135097.D
Acq On : 05 Sep 2023 16:06
Operator : CG\JU
Sample : 04203-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	18	rVB	37065	52908	1.97%	0.295%
2	5.010	493	497	507	rVB	79153	108883	4.06%	0.608%
3	5.404	559	564	567	rBV	2716463	2592549	96.74%	14.472%
4	6.416	730	736	739	rBV	2368806	2528693	94.35%	14.116%
5	6.769	793	796	800	rBV	775389	624741	23.31%	3.488%
6	7.334	887	892	895	rBV	1723775	1650757	61.59%	9.215%
7	8.051	1010	1014	1017	rBV	987196	812459	30.32%	4.535%
8	9.133	1193	1198	1201	rBV	2901062	2680051	100.00%	14.961%
9	9.245	1214	1217	1221	rBV	35232	32002	1.19%	0.179%
10	9.810	1309	1313	1316	rBV	979688	837723	31.26%	4.676%
11	10.598	1443	1447	1451	rBV	1621694	1543607	57.60%	8.617%
12	11.298	1562	1566	1570	rBV	906709	722347	26.95%	4.032%
13	11.839	1653	1658	1669	rBV2	322292	342487	12.78%	1.912%
14	12.627	1788	1792	1804	rBV	78432	90287	3.37%	0.504%
15	12.898	1834	1838	1841	rBV	2242294	1882544	70.24%	10.509%
16	13.815	1990	1994	2004	rBV	129962	232317	8.67%	1.297%
17	13.957	2014	2018	2021	rBV	607893	538622	20.10%	3.007%
18	15.427	2262	2268	2272	rBV	477899	613046	22.87%	3.422%
19	15.909	2346	2350	2354	rBV4	17421	27659	1.03%	0.154%

Sum of corrected areas: 17913682

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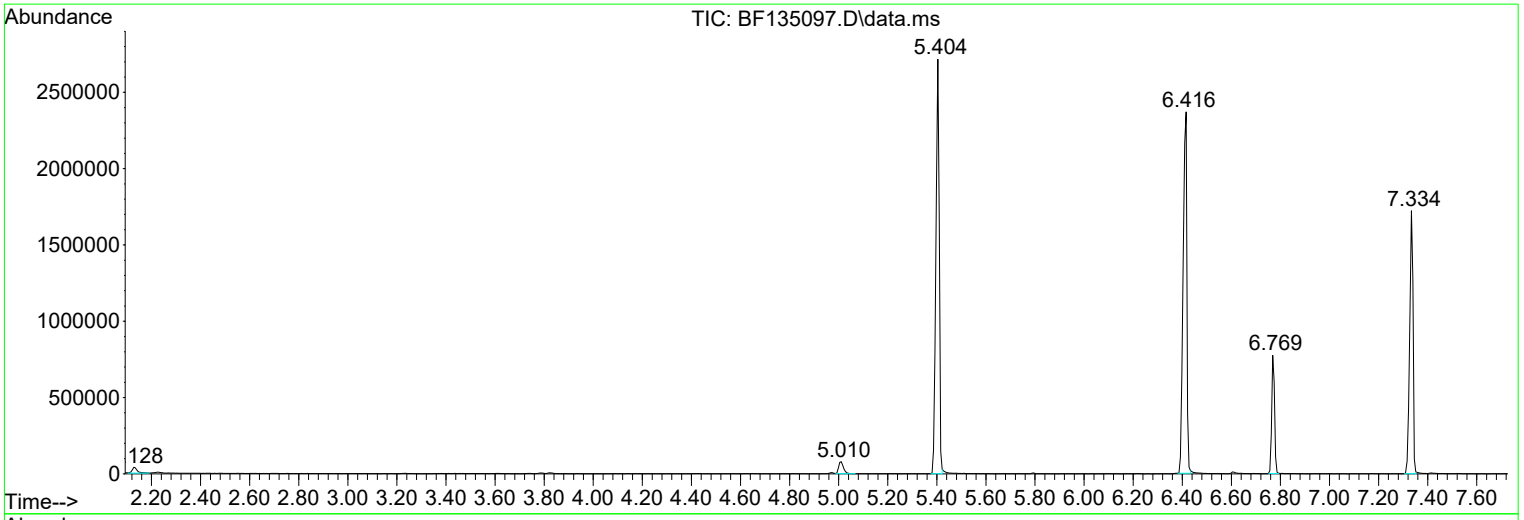
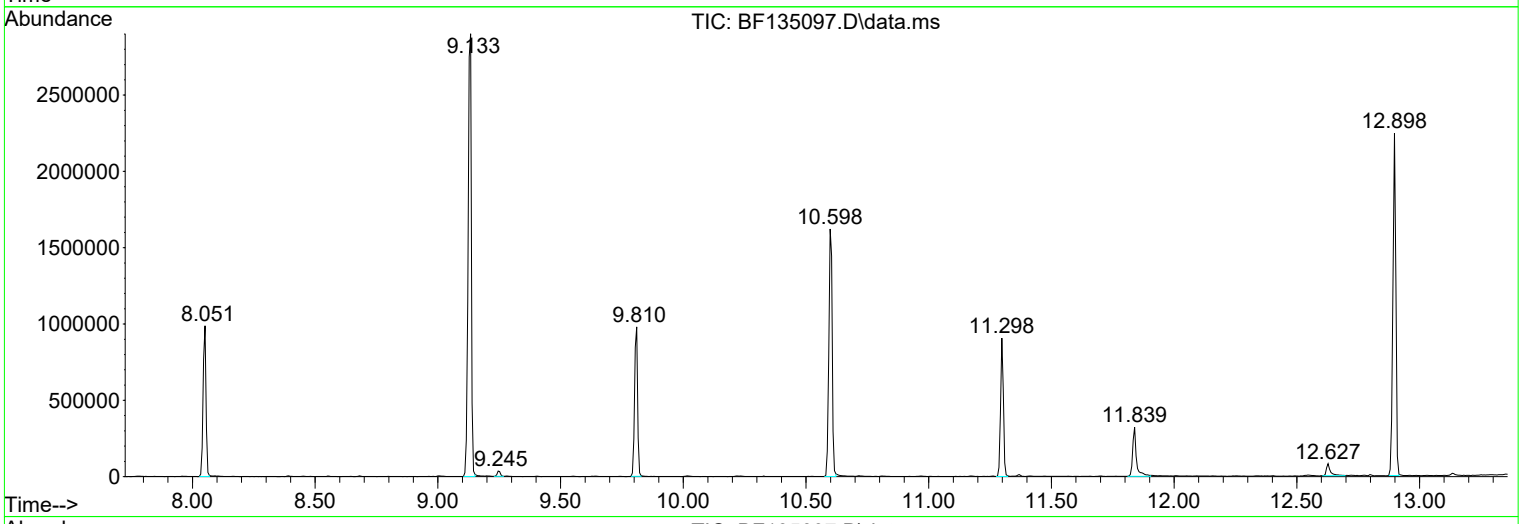
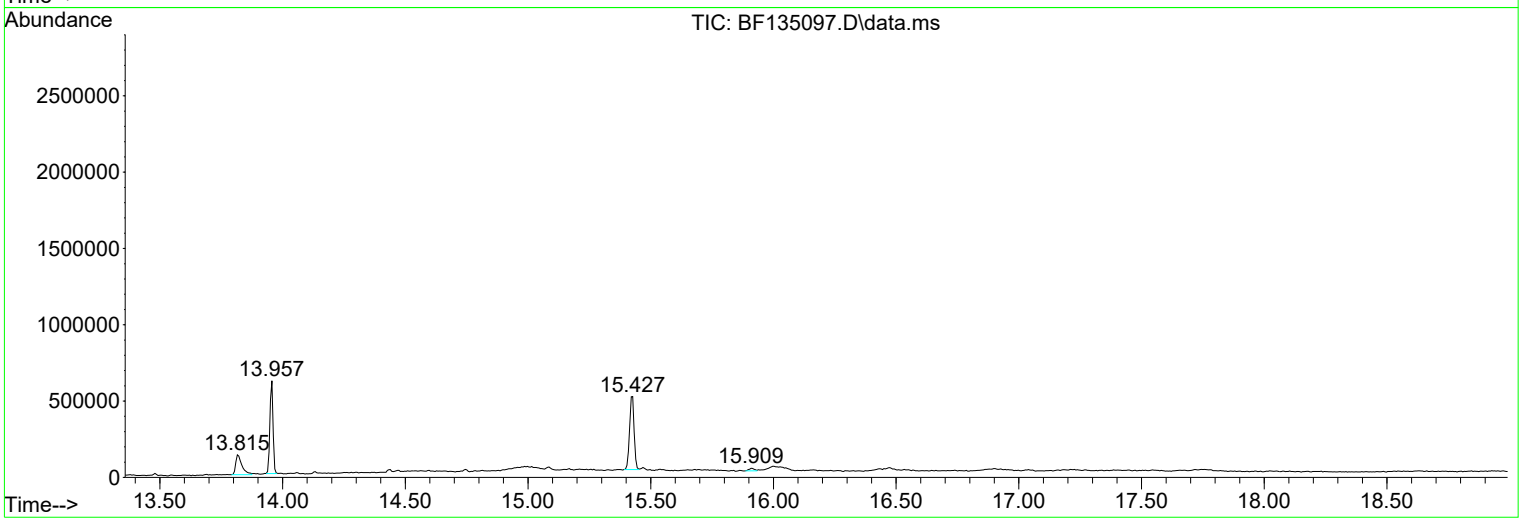
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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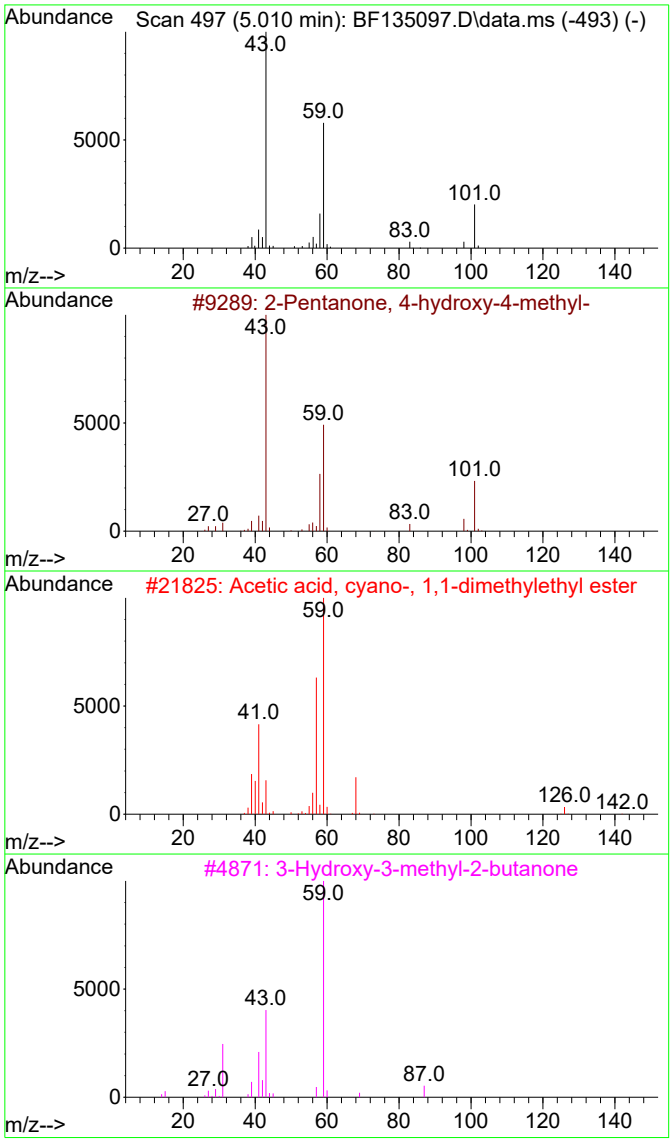
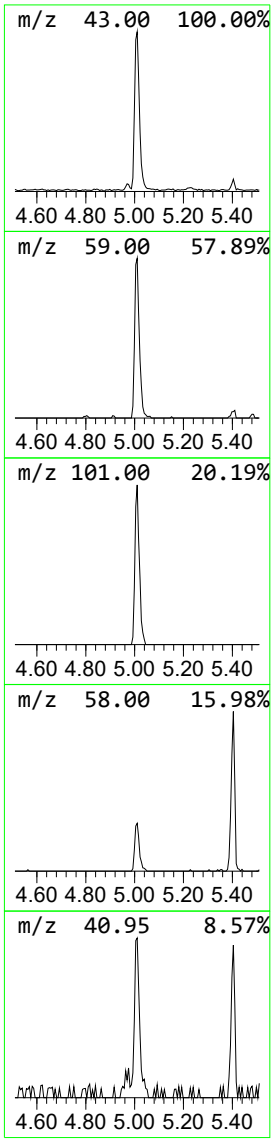
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	3.49 ng	108883	1,4-Dichlorobenzene-d4	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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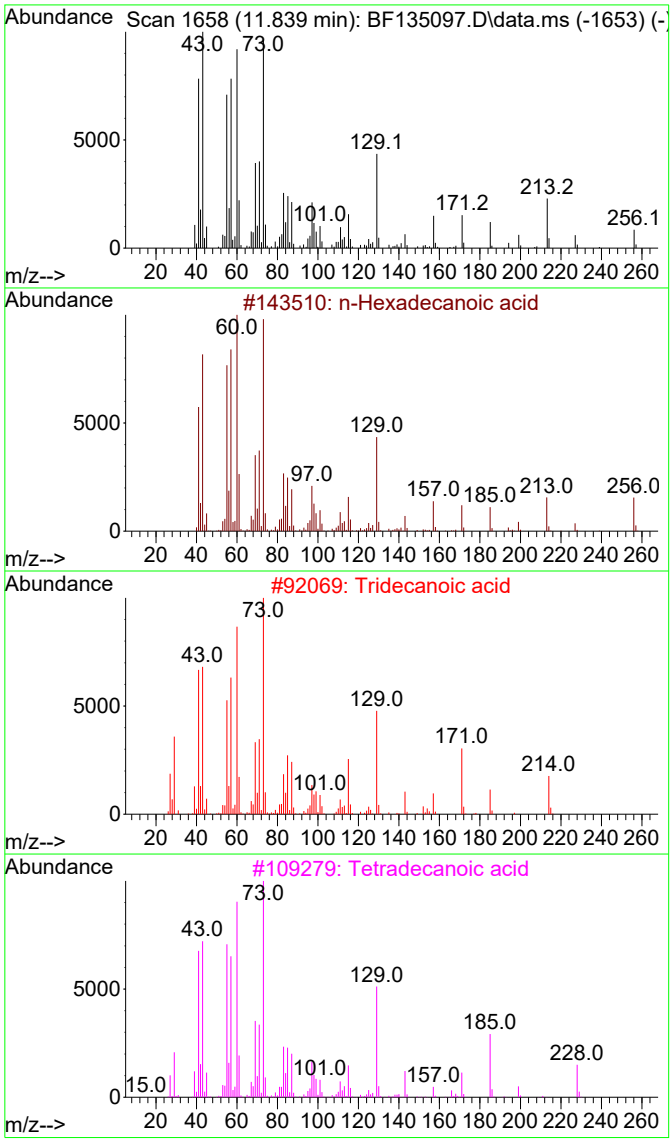
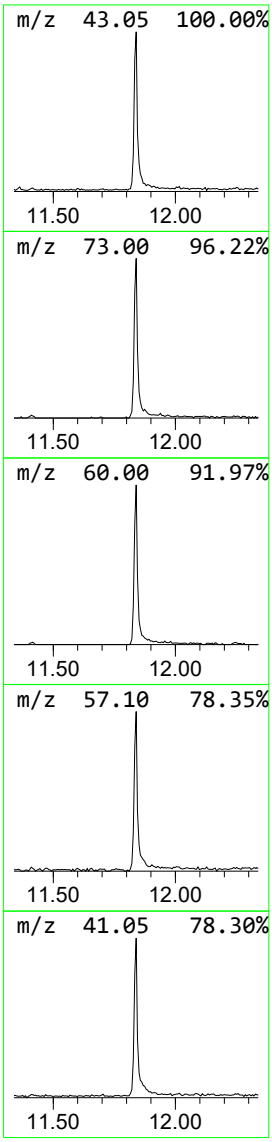
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	9.48 ng	342487	Phenanthrene-d10	11.298

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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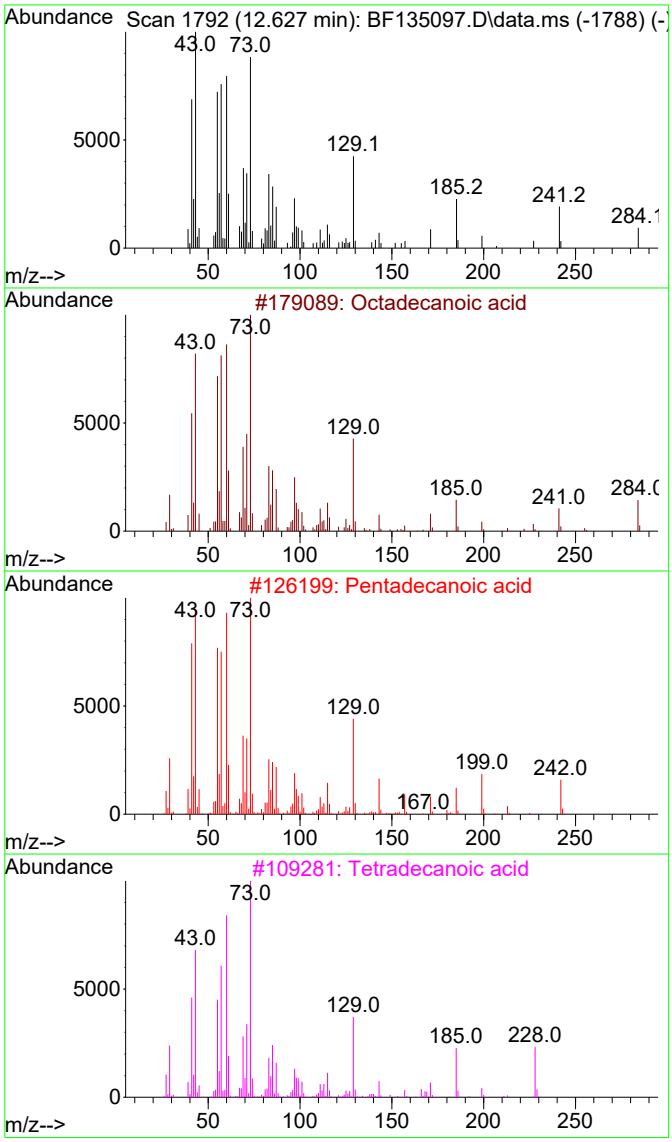
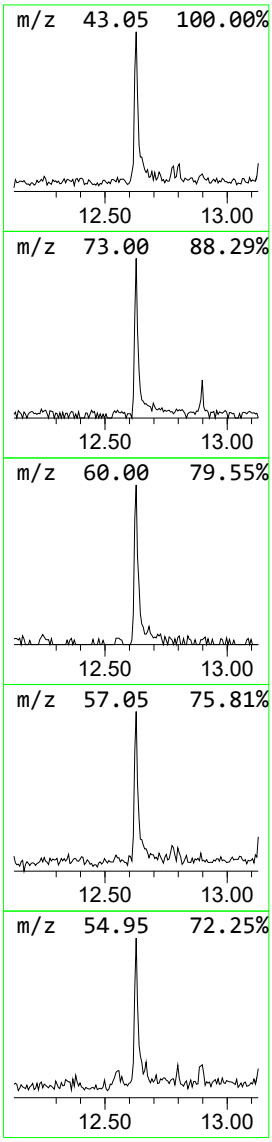
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	3.35 ng	90287	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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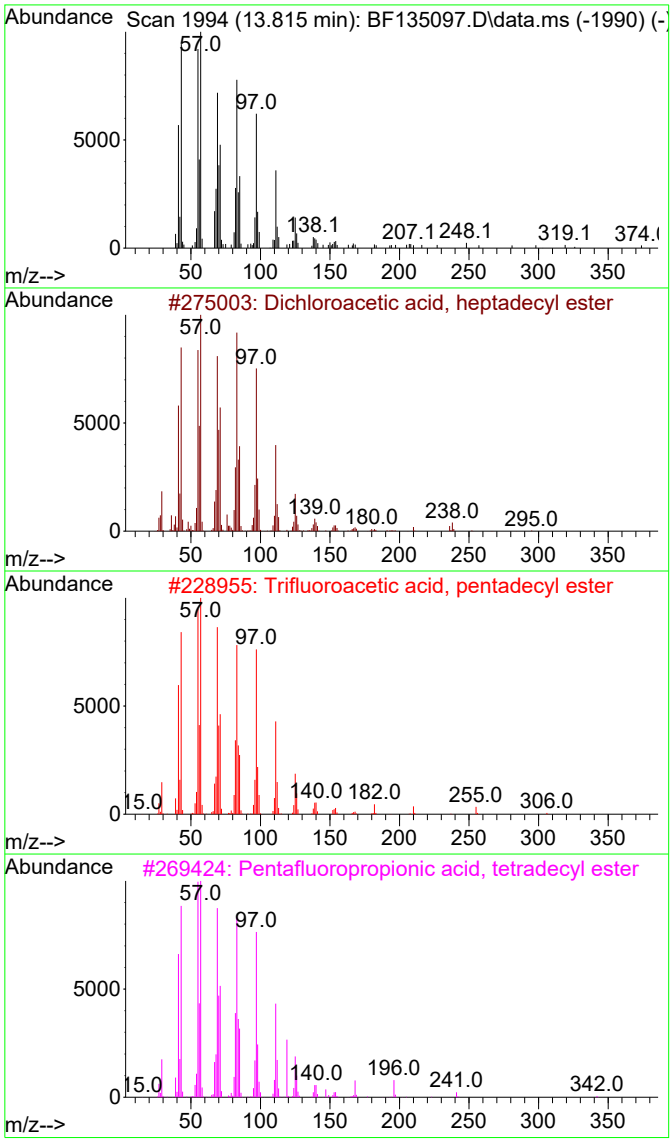
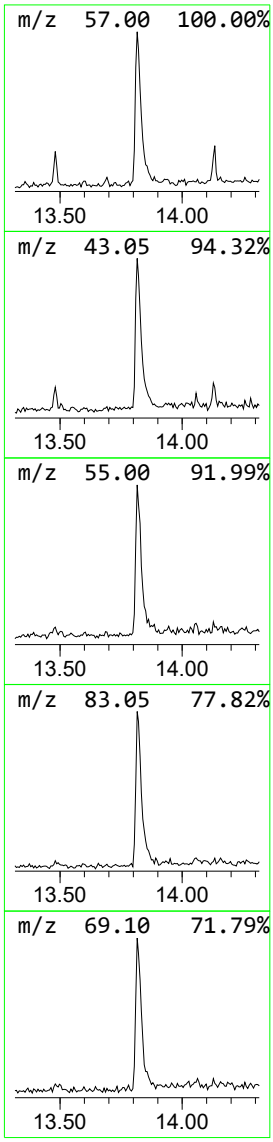
****
Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	8.63 ng	232317	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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-...	5.010	3.5	ng	108883	1	6.769	624741	20.0
n-Hexadecanoic ...	11.839	9.5	ng	342487	4	11.298	722347	20.0
Octadecanoic acid	12.627	3.4	ng	90287	5	13.957	538622	20.0
Dichloroacetic ...	13.816	8.6	ng	232317	5	13.957	538622	20.0