LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
Data File : BF135551.D
Acq On : 03 Oct 2023 20:14
Operator : CG\JU
Sample : 04627-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-06

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135551.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	555	559	579	rBV	3489477	3528185	96.87%	13.239%
2	6.387	727	731	755	rBV	3483168	3529978	96.92%	13.246%
3	6.581	760	764	781	rBV	72783	124195	3.41%	0.466%
4	6.734	787	790	799	rBV	1059391	955697	26.24%	3.586%
5	7.304	882	887	890	rBV	2373557	2218201	60.91%	8.324%
6	8.016	1004	1008	1026	rVB	1468390	1266252	34.77%	4.752%
7	9.092	1186	1191	1195	rBV	3773170	3642037	100.00%	13.667%
8	9.210	1208	1211	1217	rBV	84149	81444	2.24%	0.306%
9	9.769	1302	1306	1310	rBV	1550959	1364250	37.46%	5.119%
10	10.569	1438	1442	1445	rBV	2223673	2157272	59.23%	8.095%
11	11.263	1556	1560	1568	rBV	1633901	1409570	38.70%	5.289%
12	11.798	1647	1651	1672	rBV	557849	709527	19.48%	2.662%
13	12.586	1782	1785	1798	rBV	97041	159282	4.37%	0.598%
14	12.863	1827	1832	1835	rBV	3275634	3260620	89.53%	12.235%
15	13.786	1983	1989	2003	rBV4	114298	356507	9.79%	1.338%
16	13.922	2008	2012	2018	rVB	934929	877468	24.09%	3.293%
17	15.021	2197	2199	2204	rVB2	39137	44384	1.22%	0.167%
18	15.380	2256	2260	2271	rVB	700276	919334	25.24%	3.450%
19	16.333	2419	2422	2428	rVB3	27604	45001	1.24%	0.169%

Sum of corrected areas: 26649204

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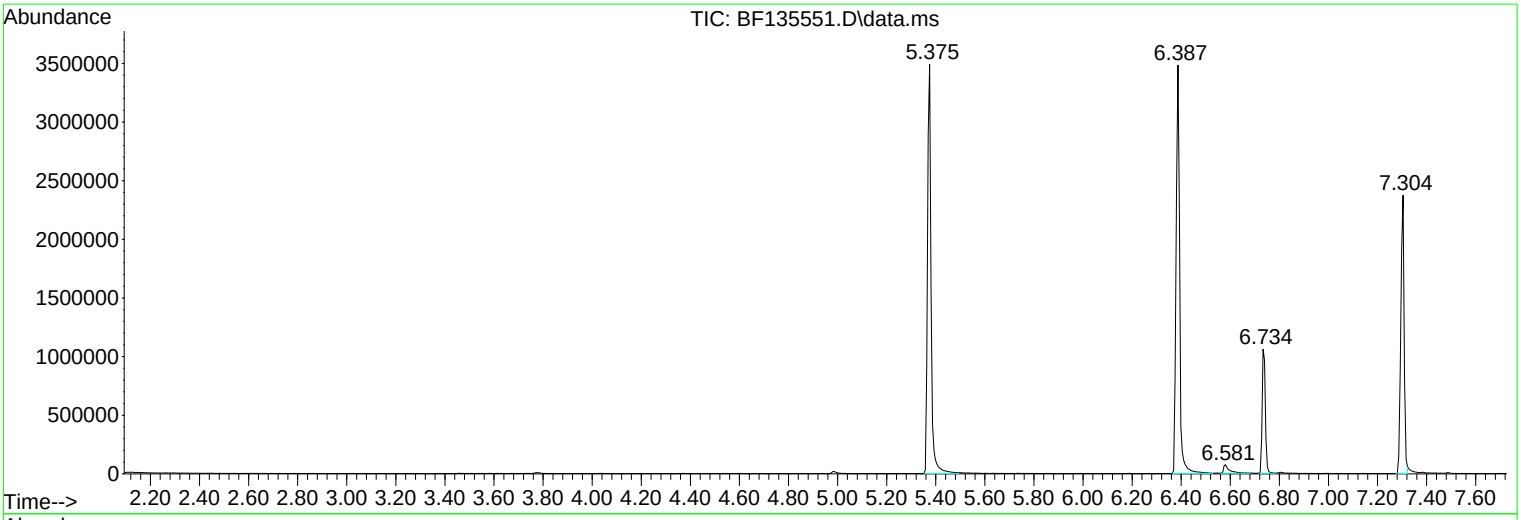
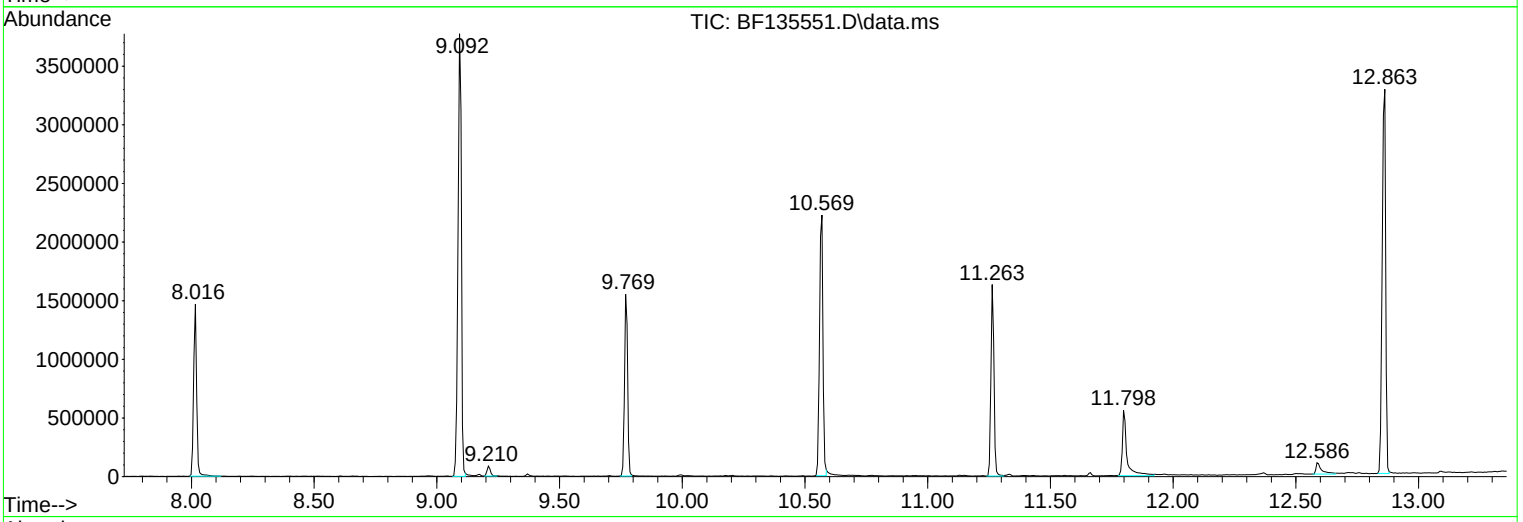
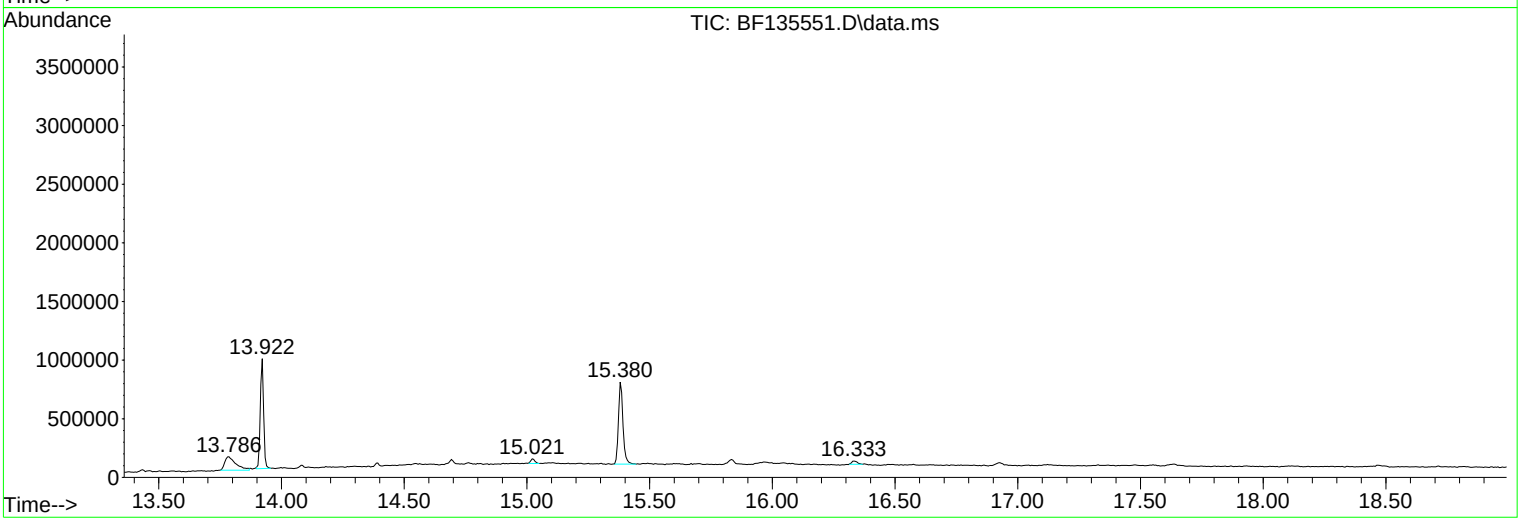
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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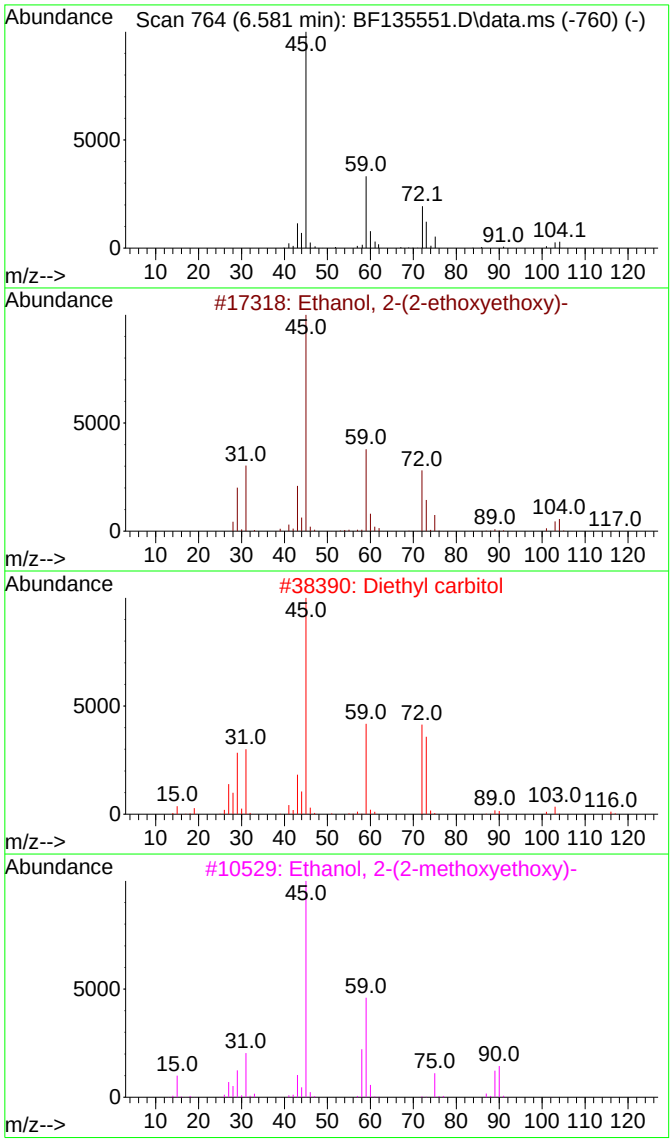
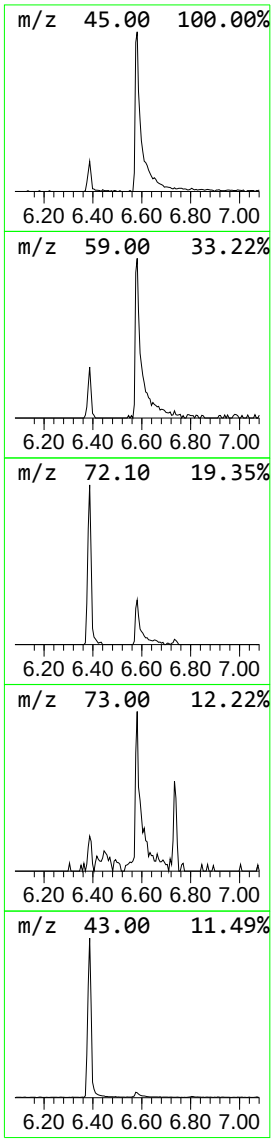
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.581	2.60 ng	124195	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	78
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	59
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39





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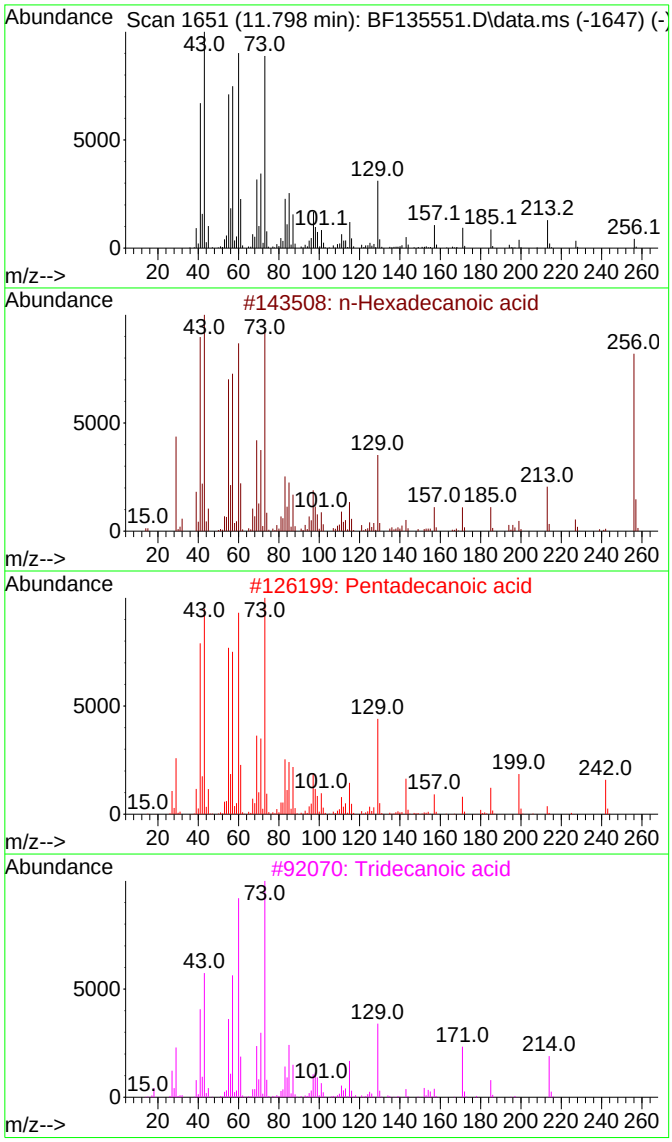
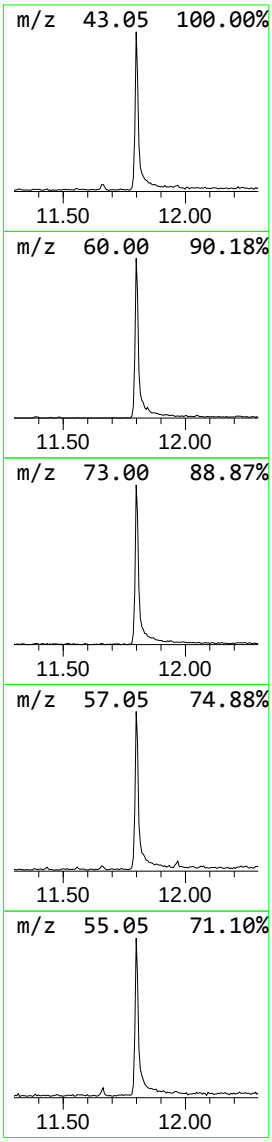
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	10.07 ng	709527	Phenanthrene-d10	11.263

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	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	72





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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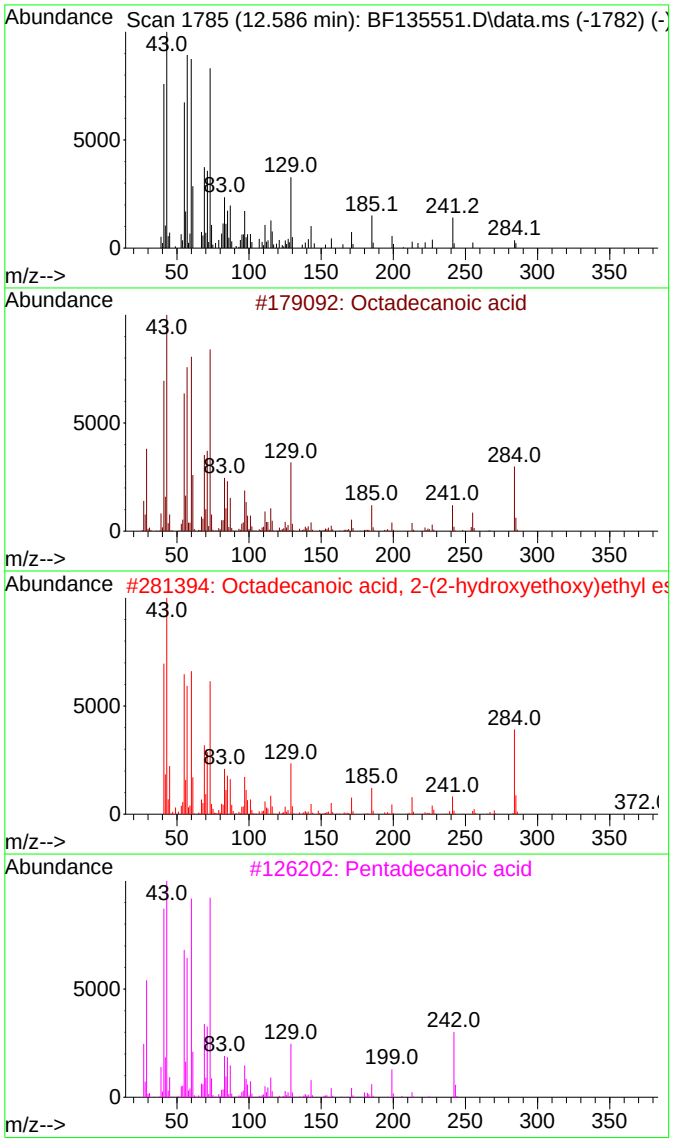
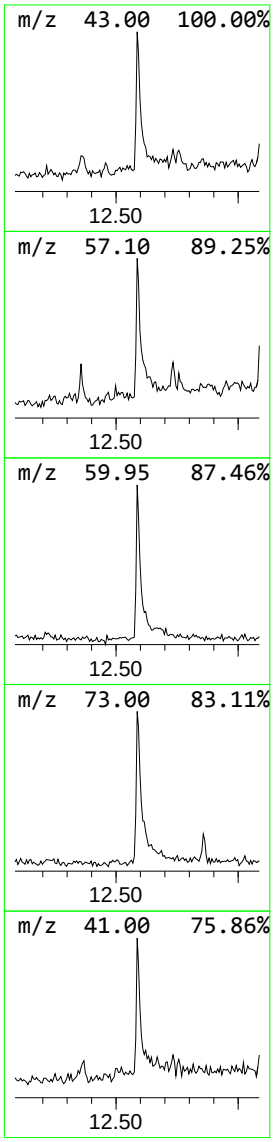
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	2.26 ng	159282	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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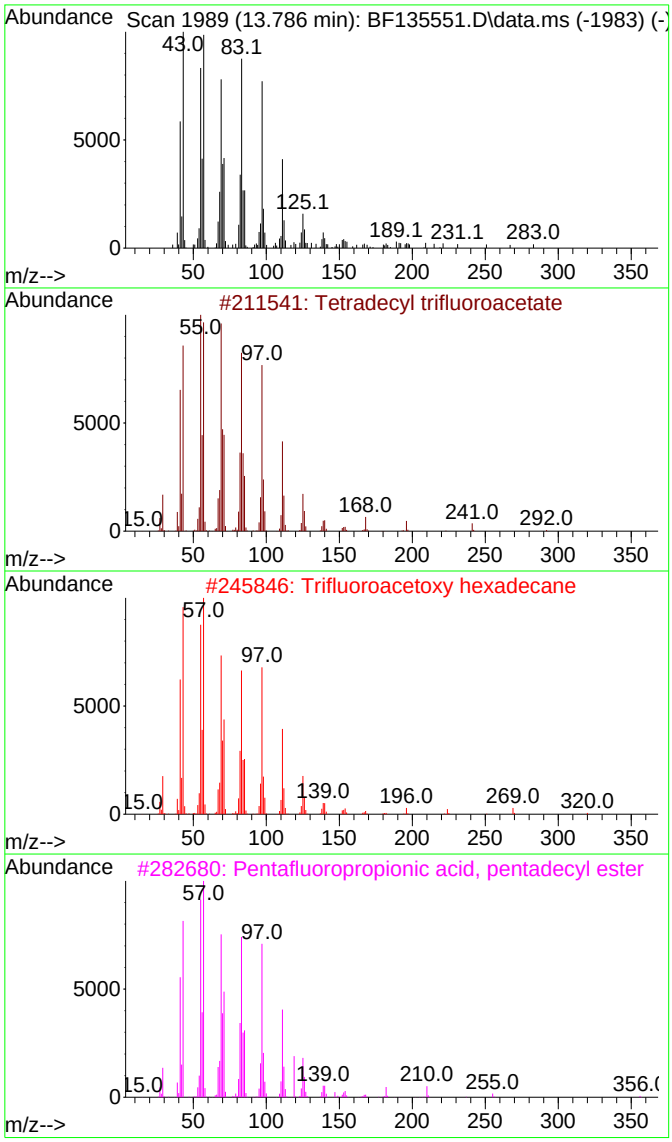
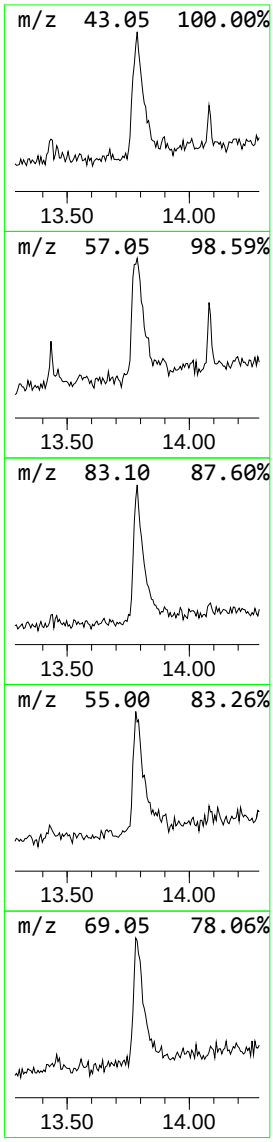
Peak Number 4 Tetradecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	8.13 ng	356507	Chrysene-d12	13.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	11-Tricosene	322	C23H46	052078-56-5	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.581	2.6	ng	124195	1	6.734	955697	20.0
n-Hexadecanoic ...	11.798	10.1	ng	709527	4	11.263	1409570	20.0
Octadecanoic acid	12.586	2.3	ng	159282	4	11.263	1409570	20.0
Tetradecyl trif...	13.786	8.1	ng	356507	5	13.922	877468	20.0