LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
Data File : BF136896.D
Acq On : 03 Jan 2024 04:15
Operator : CG\JU
Sample : 05899-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136896.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	2.316	35	39	44	rVB	22149	27344	1.21%	0.205%
2	5.046	499	503	511	rVB	34032	49251	2.17%	0.370%
3	5.434	564	569	572	rBV	2071926	1874157	82.74%	14.077%
4	6.434	734	739	742	rBV	1917154	1884156	83.18%	14.152%
5	6.781	794	798	801	rBV	528392	406135	17.93%	3.051%
6	7.345	889	894	897	rBV	1333171	1246354	55.03%	9.361%
7	8.057	1010	1015	1018	rBV	676237	526458	23.24%	3.954%
8	9.139	1193	1199	1202	rBV	2306022	2265021	100.00%	17.013%
9	9.816	1310	1314	1317	rBV	600277	544168	24.02%	4.087%
10	10.610	1444	1449	1452	rBV	1275951	1151923	50.86%	8.652%
11	11.304	1563	1567	1575	rBV	609820	492012	21.72%	3.696%
12	11.839	1655	1658	1670	rBV	194780	202879	8.96%	1.524%
13	12.551	1772	1779	1780	rBV3	28274	30372	1.34%	0.228%
14	12.627	1789	1792	1799	rBV	66519	77412	3.42%	0.581%
15	12.722	1805	1808	1812	rVB	32087	25429	1.12%	0.191%
16	12.904	1834	1839	1842	rBV	1868655	1626807	71.82%	12.219%
17	13.851	1995	2000	2007	rBV7	21234	58546	2.58%	0.440%
18	13.963	2015	2019	2026	rVB	368504	363367	16.04%	2.729%
19	15.080	2206	2209	2214	rVB2	21716	26513	1.17%	0.199%
20	15.445	2265	2271	2279	rBV	257500	386208	17.05%	2.901%
21	15.680	2307	2311	2316	rVB6	17087	26298	1.16%	0.198%
22	16.992	2530	2534	2537	rVB5	14880	22823	1.01%	0.171%

Sum of corrected areas: 13313633

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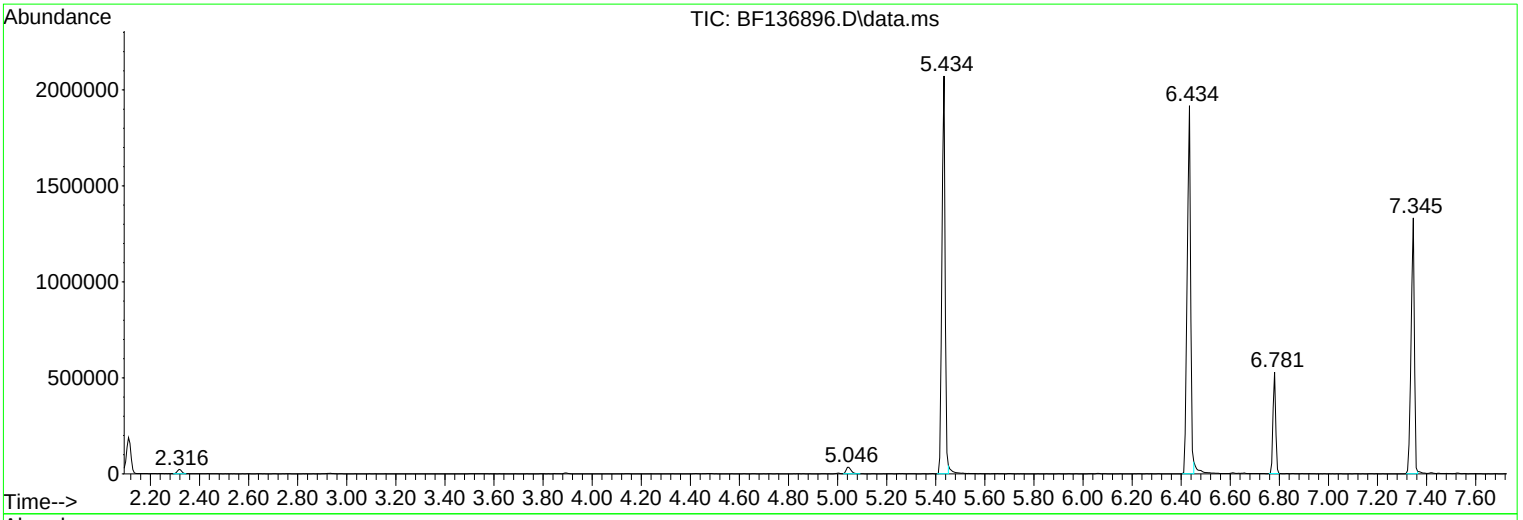
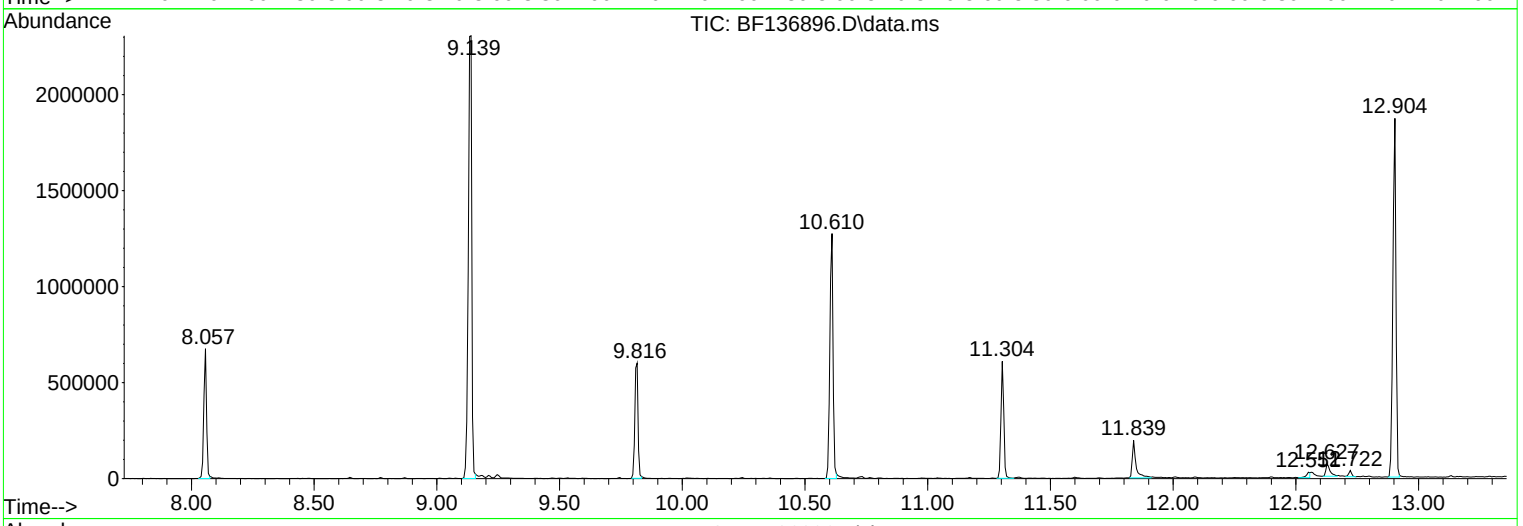
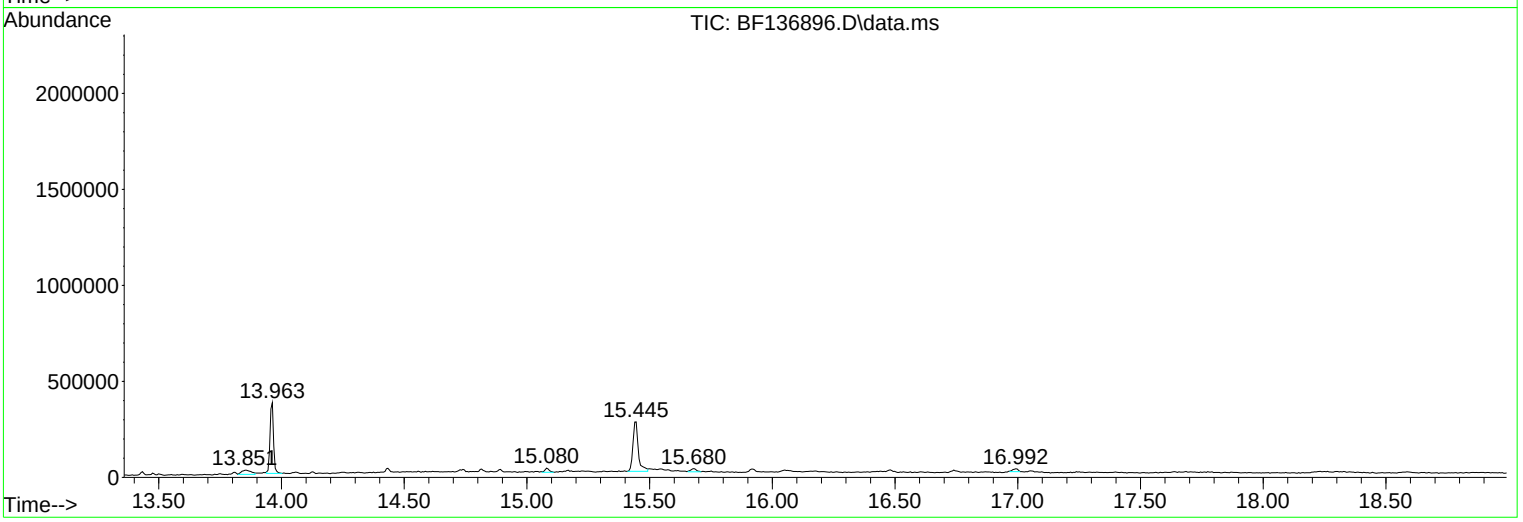
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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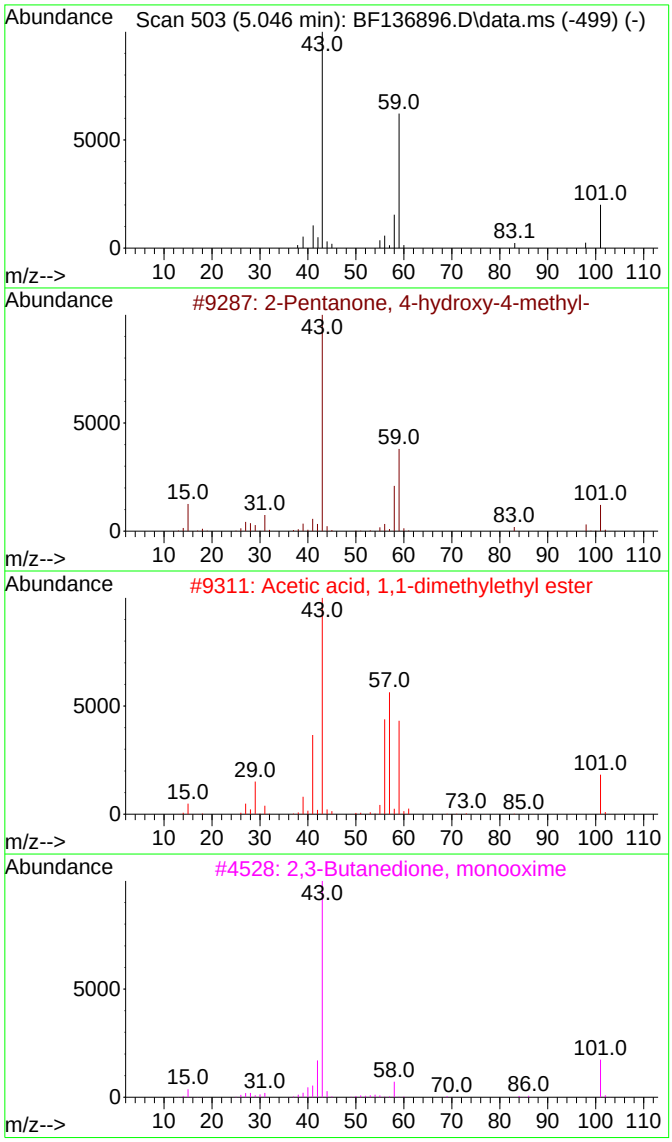
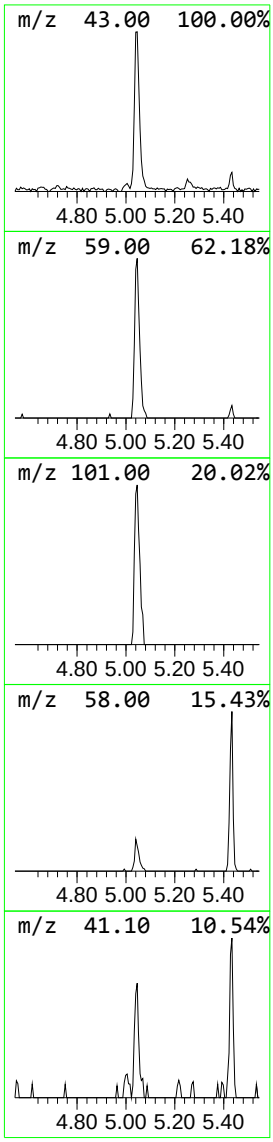
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.046	2.43 ng	49251	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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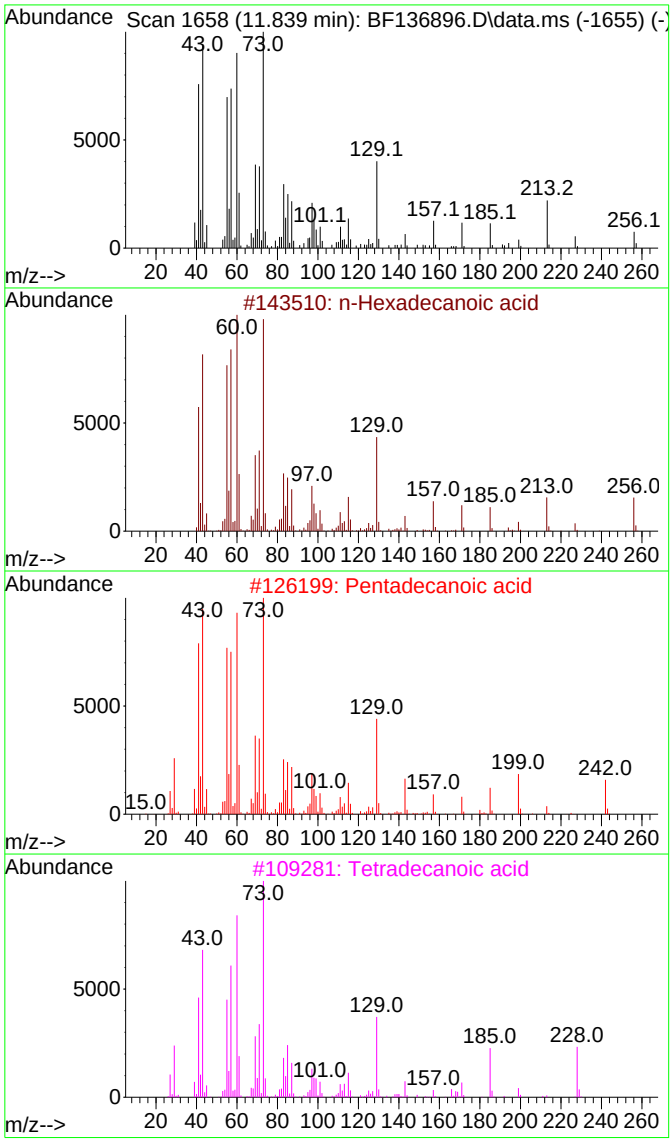
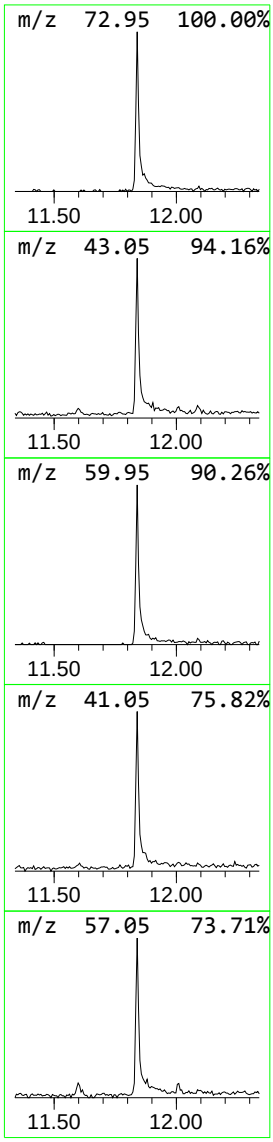
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	8.25 ng	202879	Phenanthrene-d10	11.304

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	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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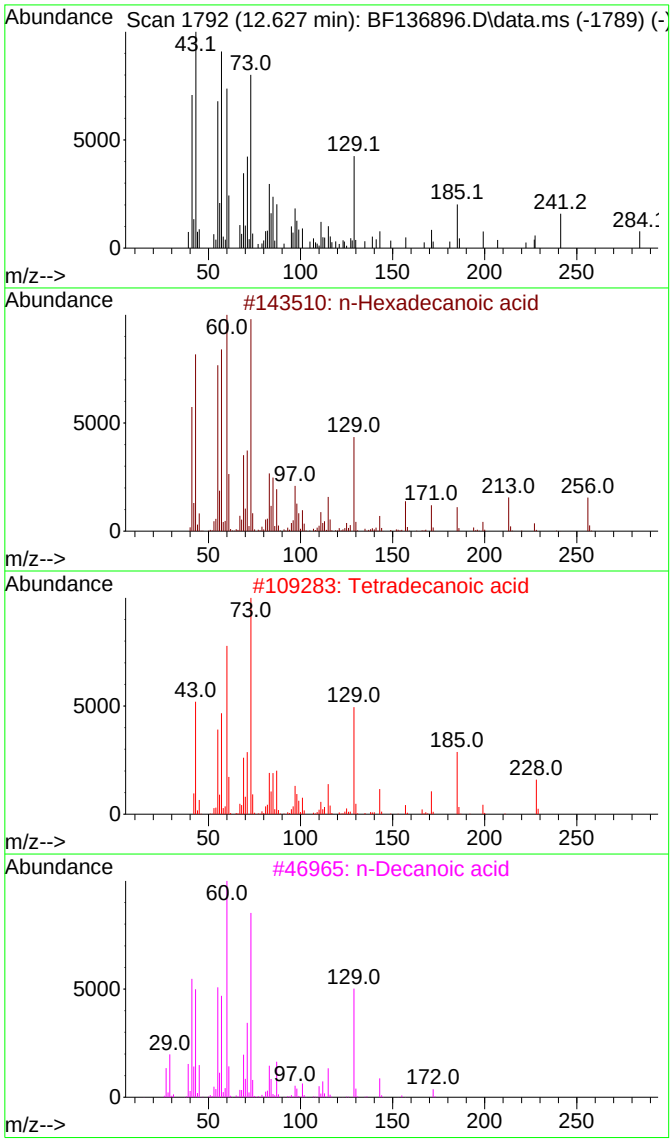
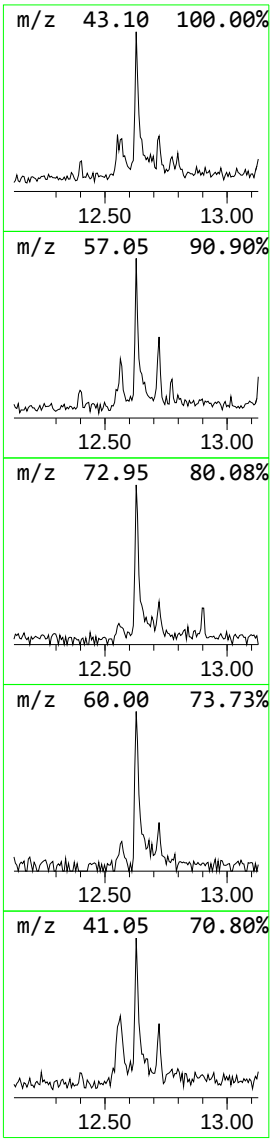
Peak Number 3 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.628	3.15 ng	77412	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46





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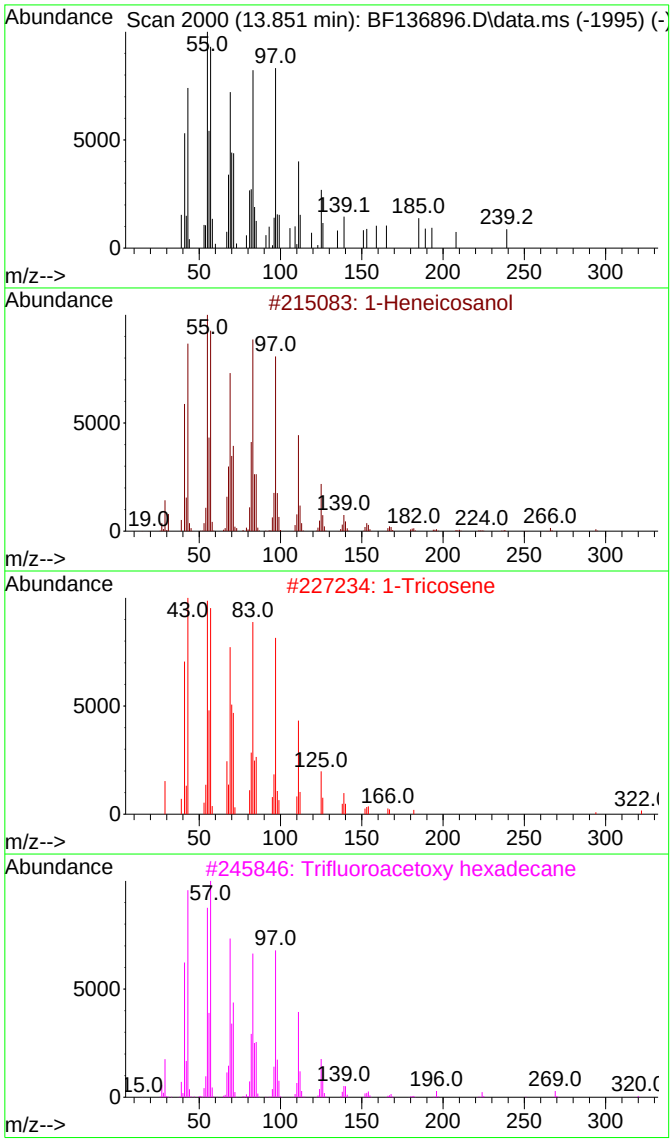
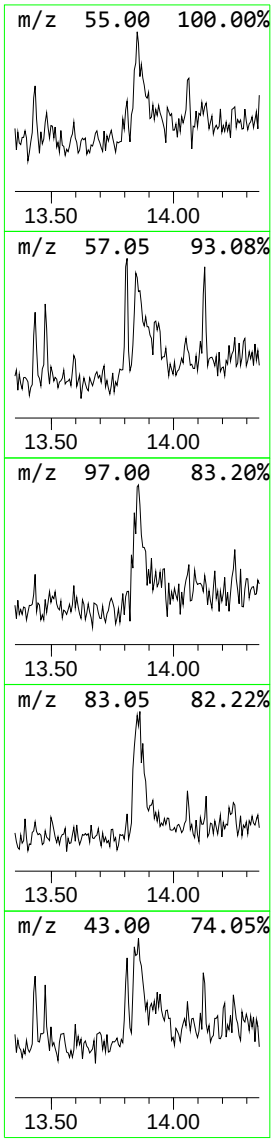
Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	3.22 ng	58546	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	87
2	1-Tricosene	322	C23H46	018835-32-0	87
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	86
4	1-Nonadecene	266	C19H38	018435-45-5	86
5	1-Tetracosene	336	C24H48	010192-32-2	83





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-...	5.046	2.4	ng	49251	1	6.781	406135	20.0
n-Hexadecanoic ...	11.839	8.3	ng	202879	4	11.304	492012	20.0
Tetradecanoic acid	12.628	3.1	ng	77412	4	11.304	492012	20.0
1-Heneicosanol	13.851	3.2	ng	58546	5	13.963	363367	20.0