LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
Data File : BF135412.D
Acq On : 22 Sep 2023 21:46
Operator : CG\JU
Sample : 04436-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B102-10

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: BF135412.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	13	rBV	53873	71552	2.11%	0.315%
2	4.993	490	494	504	rBV	168628	219539	6.47%	0.966%
3	5.393	558	562	580	rBV	3304317	3394417	100.00%	14.943%
4	6.404	729	734	747	rBV	3290855	3361981	99.04%	14.801%
5	6.757	790	794	801	rBV	1120640	903589	26.62%	3.978%
6	7.322	885	890	893	rBV	2366044	2130722	62.77%	9.380%
7	8.034	1007	1011	1024	rBV	1331454	1141922	33.64%	5.027%
8	9.116	1190	1195	1198	rBV	3139879	3000838	88.41%	13.211%
9	9.233	1212	1215	1219	rBV	39490	39277	1.16%	0.173%
10	9.792	1306	1310	1321	rVB	1305514	1145228	33.74%	5.042%
11	10.586	1441	1445	1462	rBV	1798304	1752651	51.63%	7.716%
12	11.286	1560	1564	1567	rBV	1096845	1001103	29.49%	4.407%
13	11.822	1651	1655	1662	rBV2	327080	388859	11.46%	1.712%
14	12.504	1768	1771	1774	rBV	41567	42849	1.26%	0.189%
15	12.610	1786	1789	1796	rBV	84485	107814	3.18%	0.475%
16	12.733	1808	1810	1813	rVB	41511	34710	1.02%	0.153%
17	12.880	1831	1835	1838	rBV	2097316	1820582	53.63%	8.015%
18	13.368	1915	1918	1925	rVB	171153	168502	4.96%	0.742%
19	13.745	1979	1982	1984	rBV	37077	38128	1.12%	0.168%
20	13.939	2012	2015	2019	rBV	754336	716799	21.12%	3.156%
21	14.792	2158	2160	2163	rBV	62246	50536	1.49%	0.222%
22	15.410	2261	2265	2277	rVB	766938	1183444	34.86%	5.210%

Sum of corrected areas: 22715042

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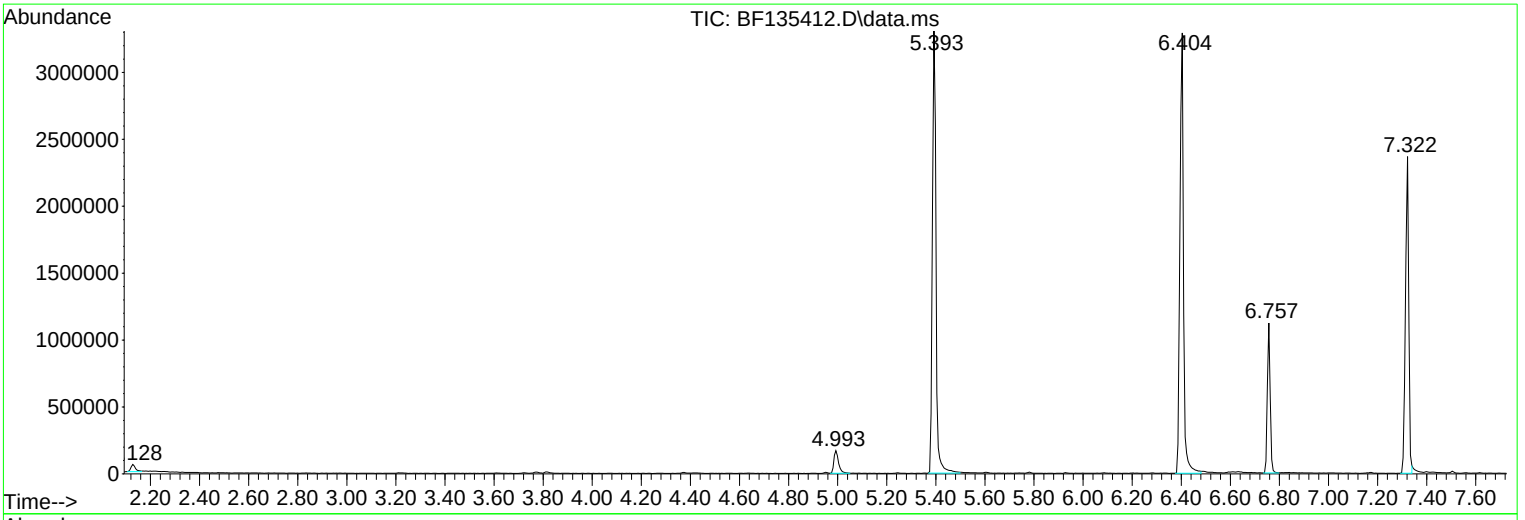
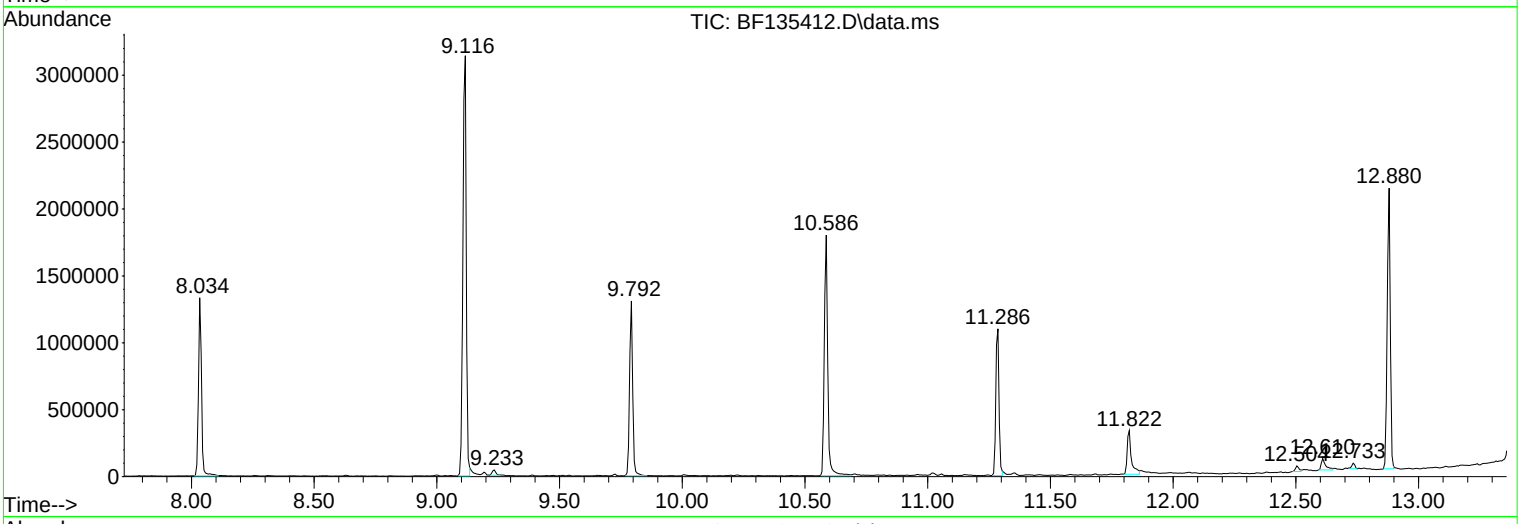
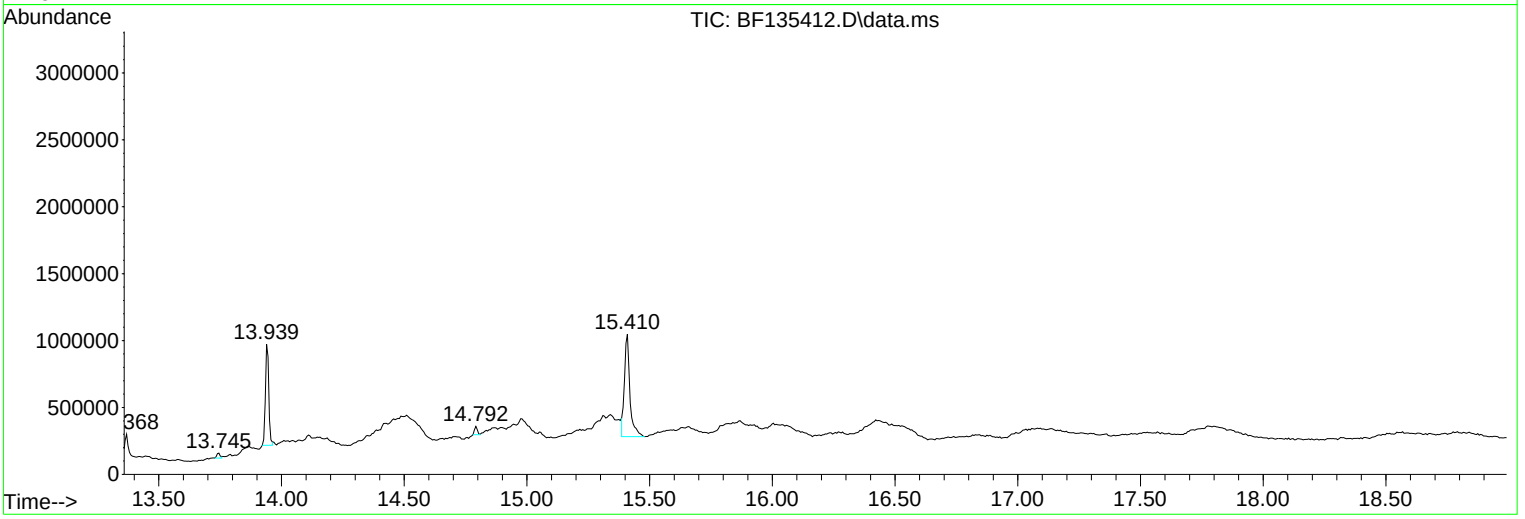
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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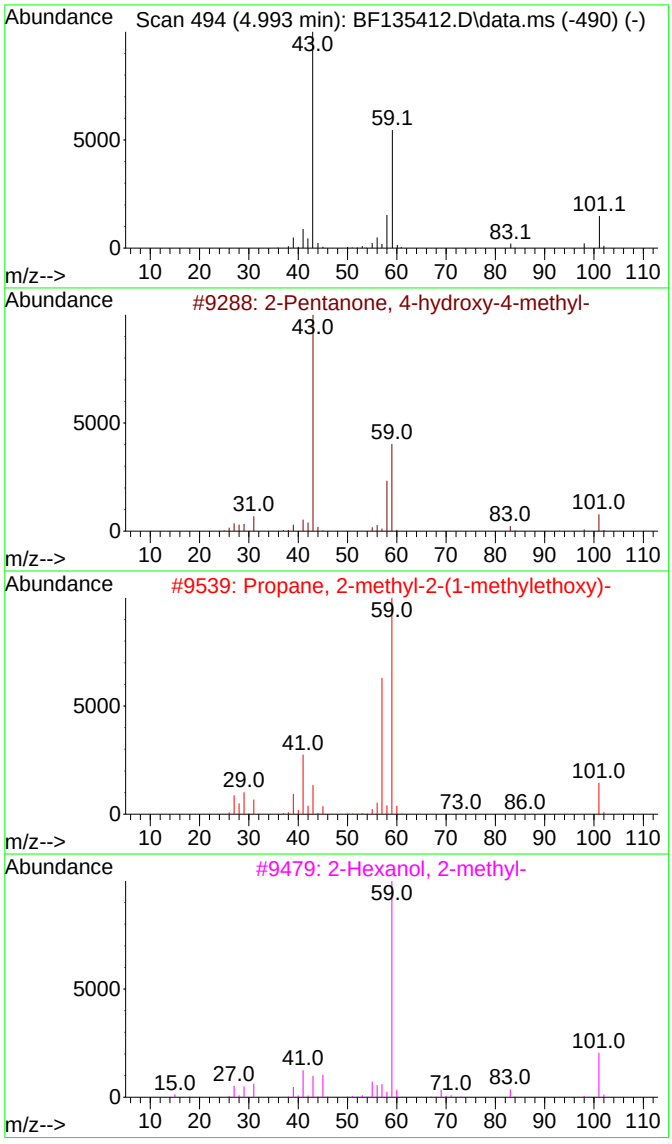
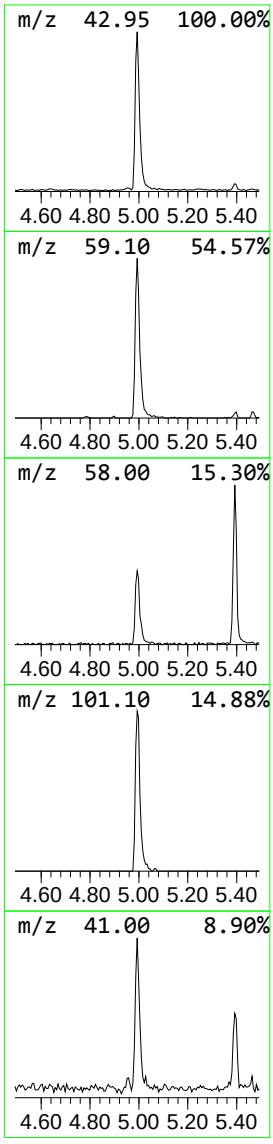
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.993	4.86 ng	219539	1,4-Dichlorobenzene-d4	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
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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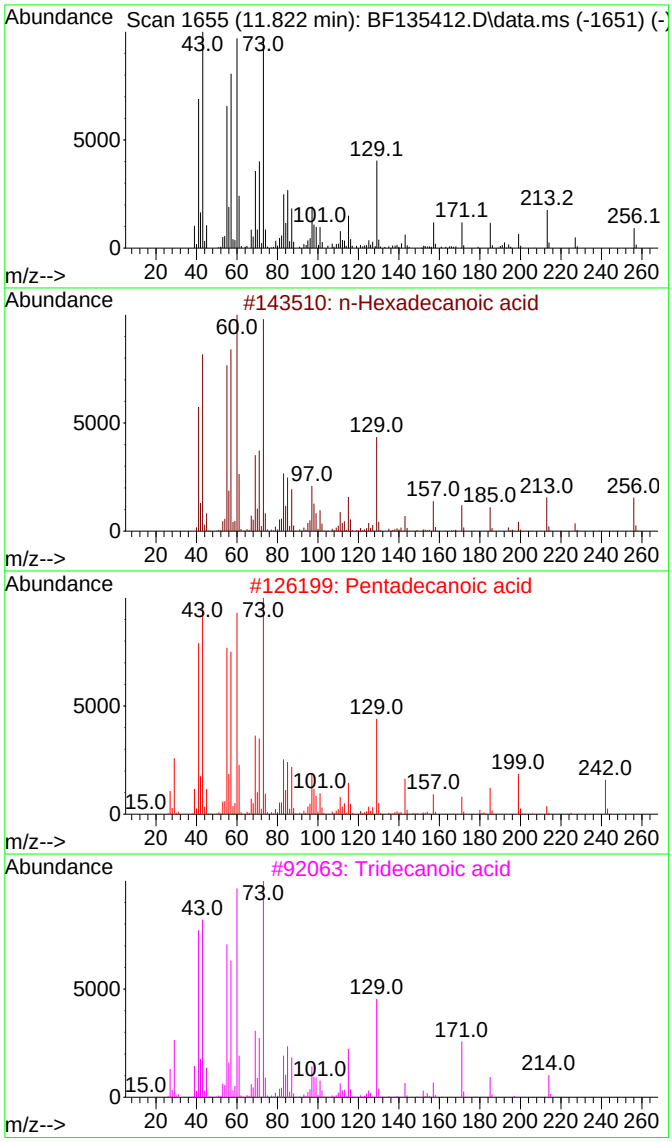
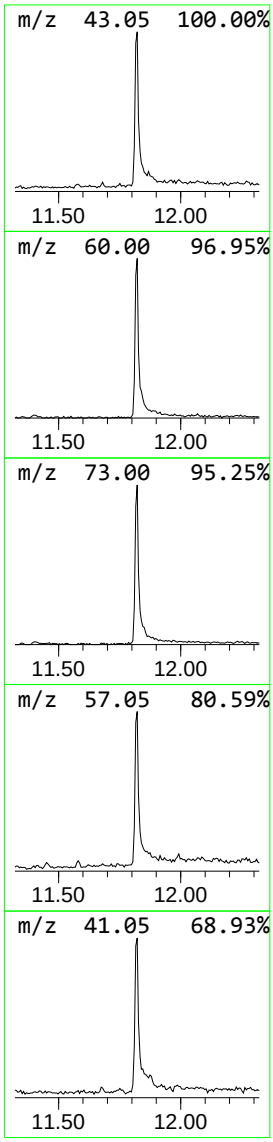
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	7.77 ng	388859	Phenanthrene-d10	11.286

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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Instrument :
BNA_F
ClientSampleId :
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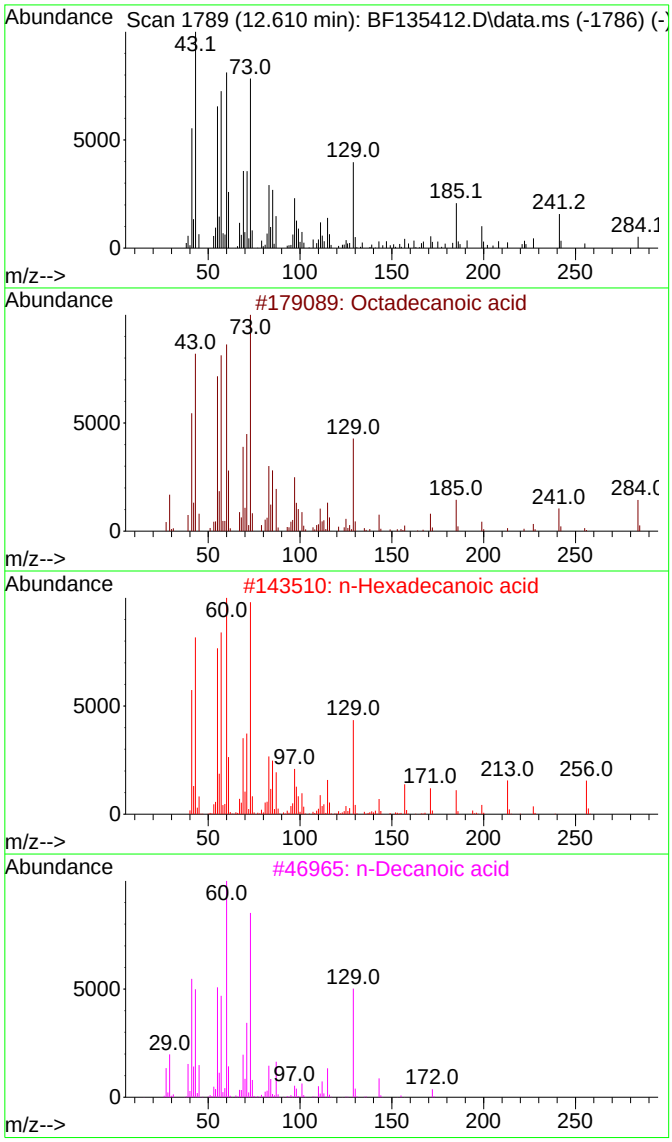
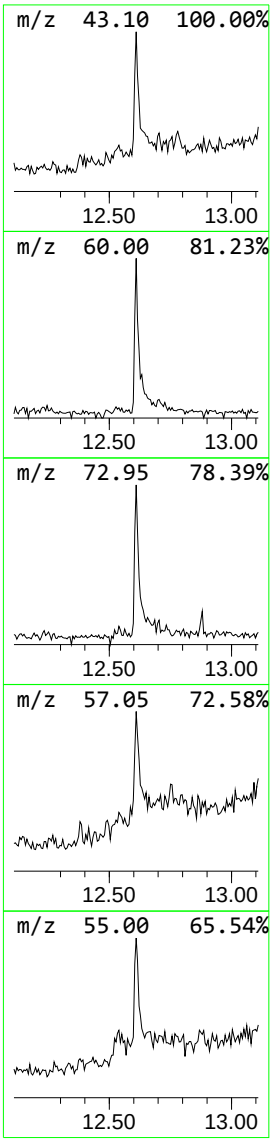
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	2.15 ng	107814	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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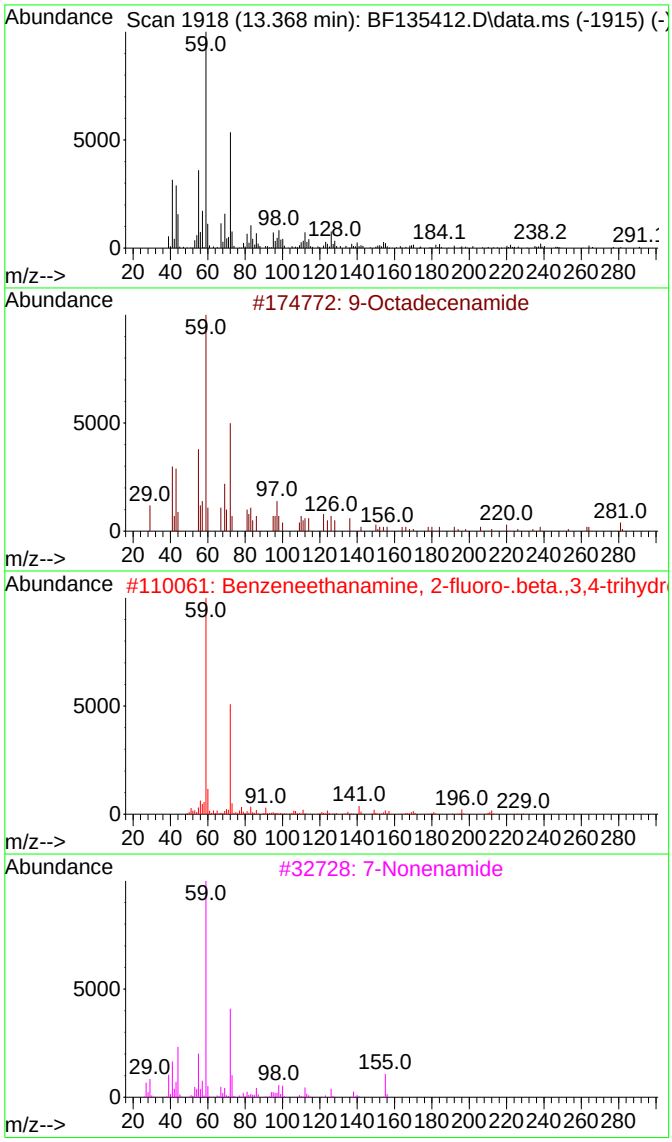
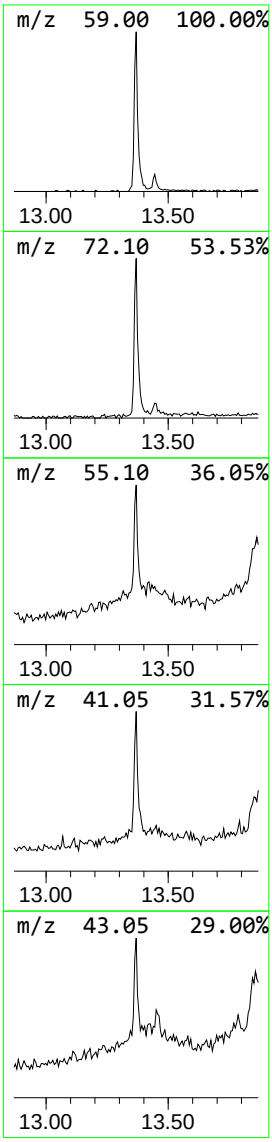
Peak Number 4 9-Octadecenamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	4.70 ng	168502	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide	281	C18H35NO	003322-62-1	87
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	72
3	7-Nonenamide	155	C9H17NO	090949-53-4	72
4	Hexadecanamide	255	C16H33NO	000629-54-9	59
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58





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-...	4.993	4.9	ng	219539	1	6.757	903589	20.0
n-Hexadecanoic ...	11.822	7.8	ng	388859	4	11.286	1001100	20.0
Octadecanoic acid	12.610	2.1	ng	107814	4	11.286	1001100	20.0
9-Octadecenamide	13.368	4.7	ng	168502	5	13.939	716799	20.0