LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
Data File : BF136124.D
Acq On : 03 Nov 2023 15:08
Operator : CG\JU
Sample : 05096-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	498	502	510	rVB	51103	54774	1.66%	0.310%
2	5.446	566	571	574	rBV	1335979	1217238	36.80%	6.883%
3	6.440	736	740	744	rBV	805103	724270	21.89%	4.096%
4	6.816	801	804	808	rBV	846131	658106	19.89%	3.721%
5	7.381	895	900	903	rBV	1999469	1843942	55.74%	10.427%
6	7.575	930	933	936	rVB	236998	181101	5.47%	1.024%
7	8.098	1018	1022	1025	rVB	1141612	867341	26.22%	4.905%
8	9.181	1201	1206	1209	rBV	4048491	3307949	100.00%	18.706%
9	9.251	1215	1218	1221	rBV3	57516	57114	1.73%	0.323%
10	9.563	1268	1271	1273	rBV	93311	74318	2.25%	0.420%
11	9.722	1296	1298	1300	rBV2	45859	45180	1.37%	0.255%
12	9.769	1303	1306	1309	rVB	83821	70405	2.13%	0.398%
13	9.857	1315	1321	1324	rBV	1174512	969880	29.32%	5.484%
14	10.651	1451	1456	1459	rBV	1899202	1853685	56.04%	10.482%
15	10.786	1476	1479	1485	rVB	69339	97837	2.96%	0.553%
16	11.351	1571	1575	1578	rBV	920199	833339	25.19%	4.712%
17	11.892	1664	1667	1674	rVB	252726	252209	7.62%	1.426%
18	12.680	1799	1801	1809	rVB3	81896	99139	3.00%	0.561%
19	12.951	1843	1847	1850	rBV	3086502	2762064	83.50%	15.619%
20	13.898	2004	2008	2017	rVB	65612	136580	4.13%	0.772%
21	14.004	2022	2026	2033	rVB	819932	715136	21.62%	4.044%
22	15.492	2274	2279	2287	rVB2	630074	823692	24.90%	4.658%
23	17.262	2573	2580	2583	rBV8	16920	39037	1.18%	0.221%

Sum of corrected areas: 17684336

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ClientSampleId :
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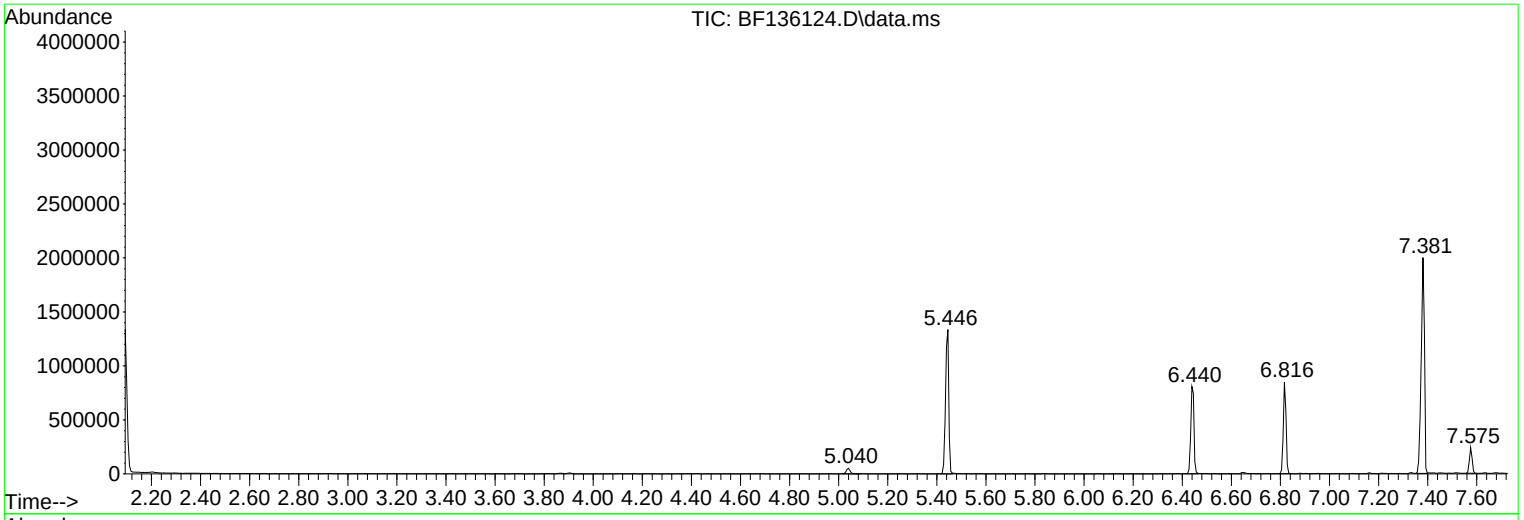
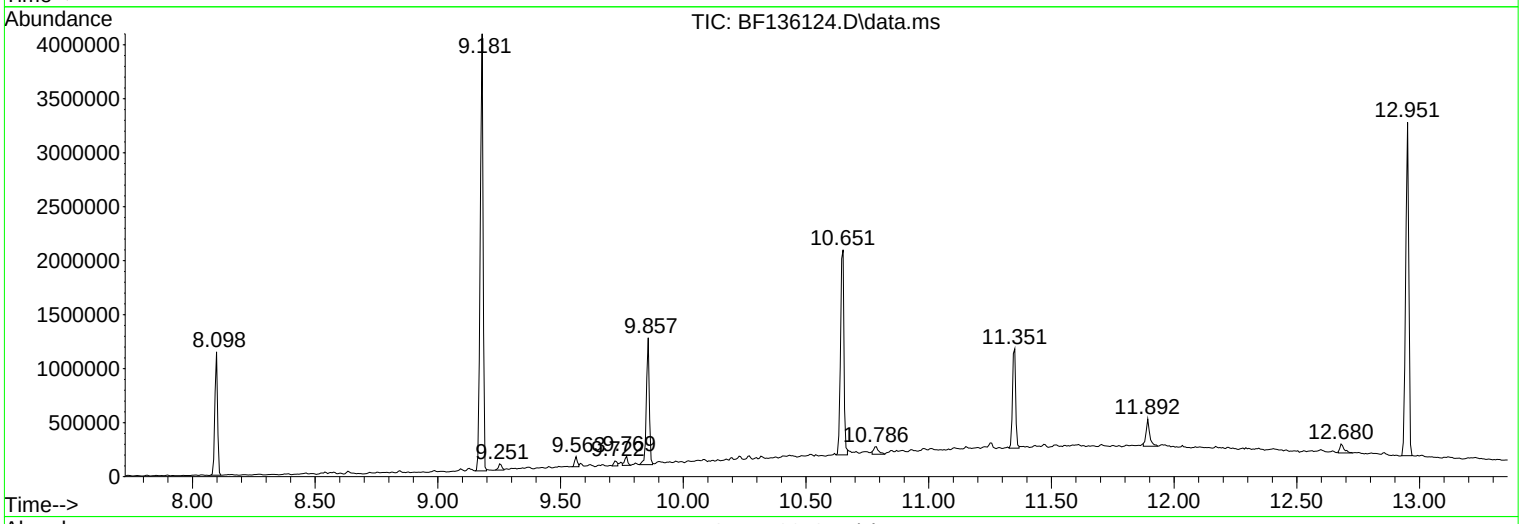
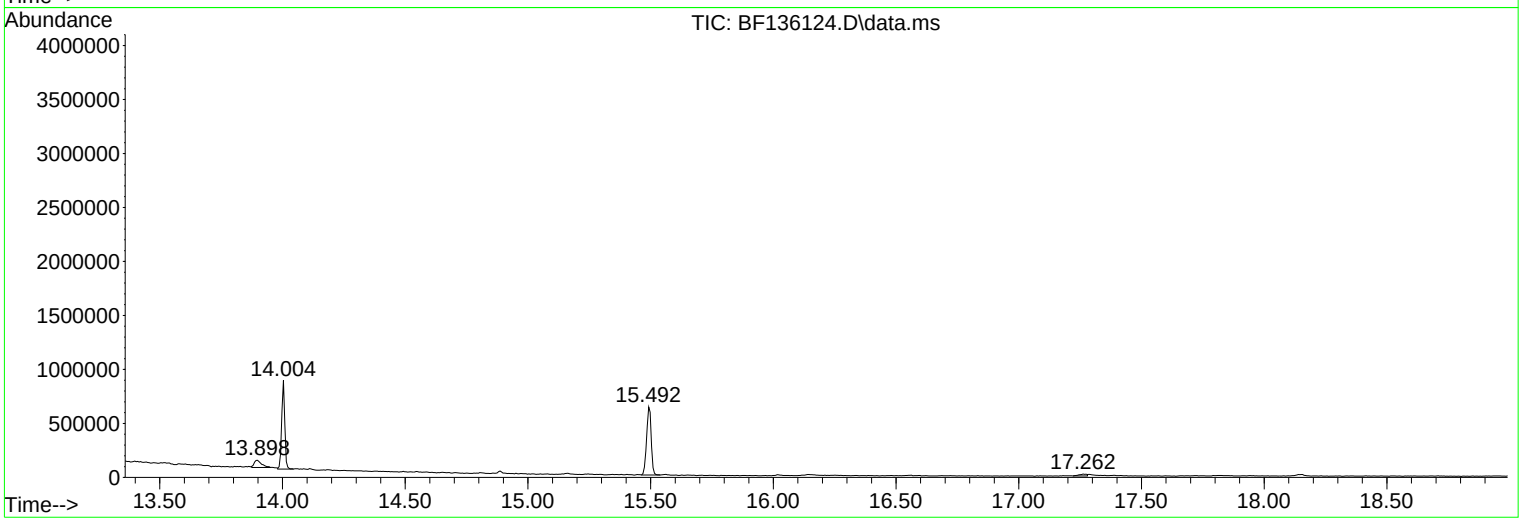
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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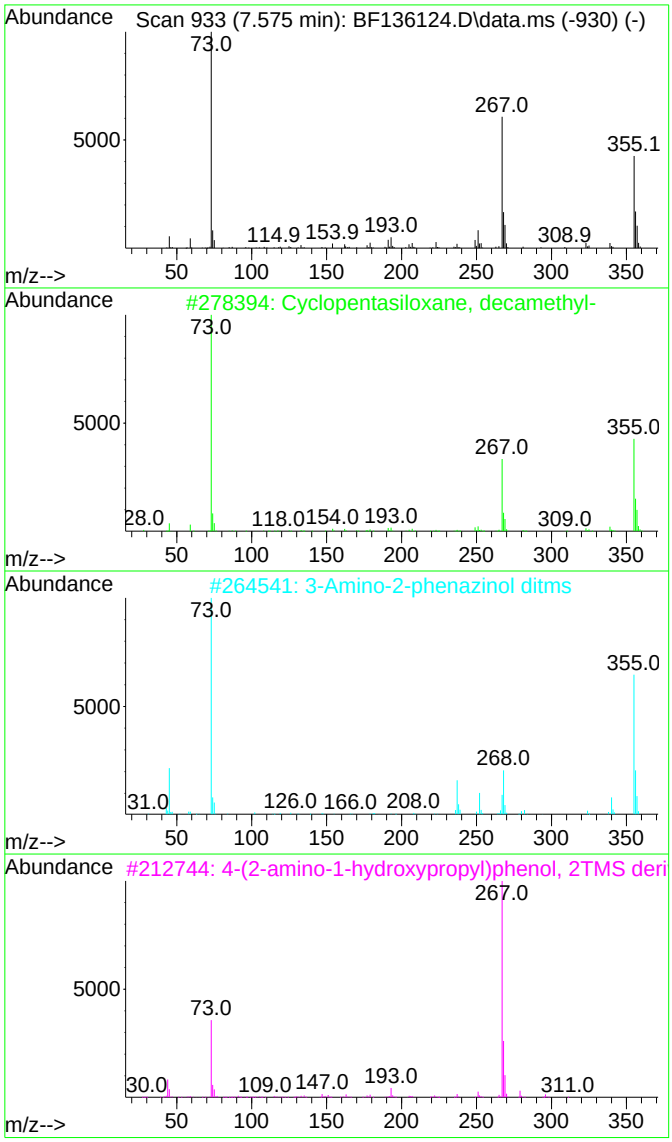
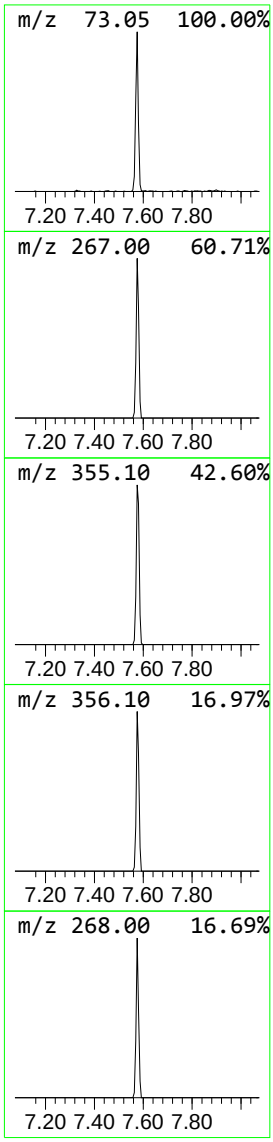
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.575	4.18 ng	181101	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	47
3	4-(2-amino-1-hydroxypropyl)pheno...	311	C15H29NO2Si2	1000478-98-6	43
4	3-Hydroxymandelic acid, 3TMS der...	384	C17H32O4Si3	068595-69-7	43
5	Epinephrine, (.beta.)-, 3TMS der...	399	C18H37NO3Si3	010538-85-9	43





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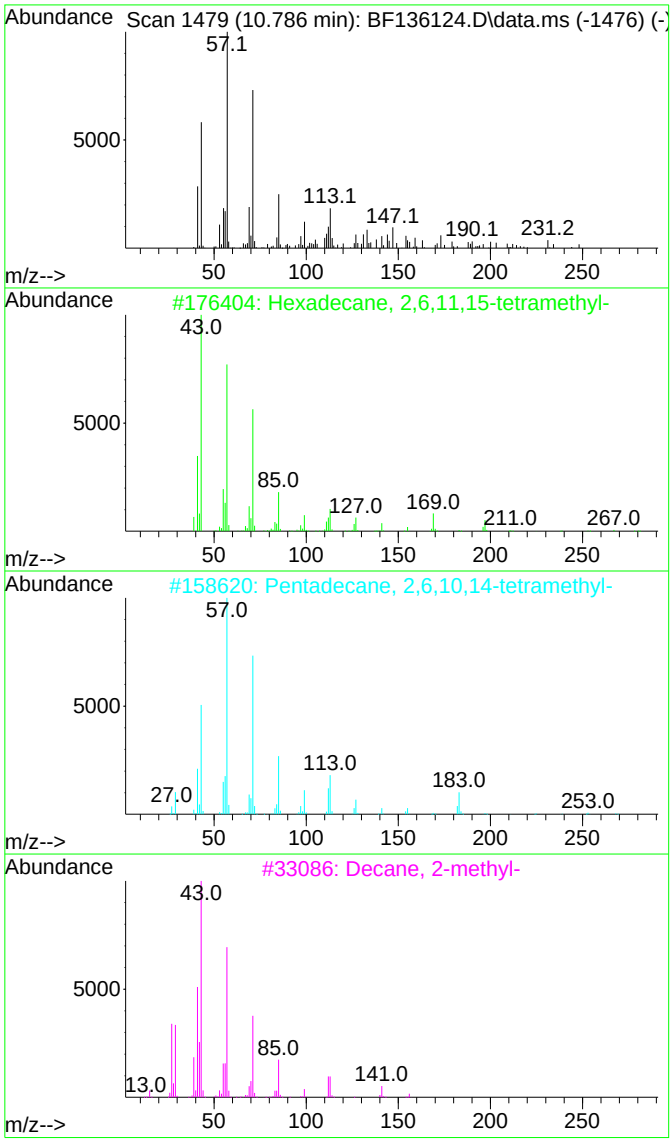
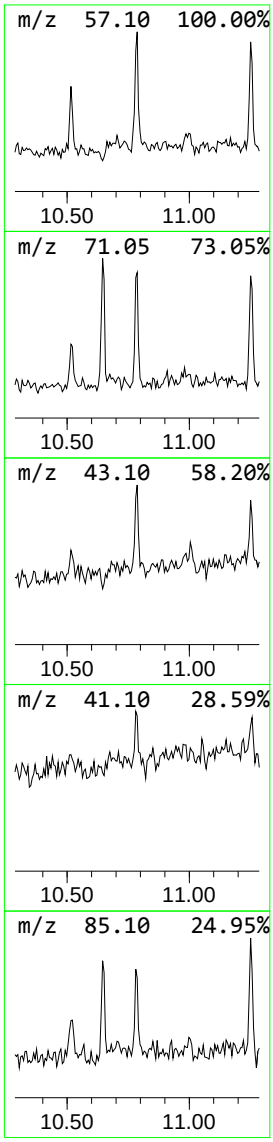
Peak Number 2 Hexadecane, 2,6,11,15-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	2.35 ng	97837	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58





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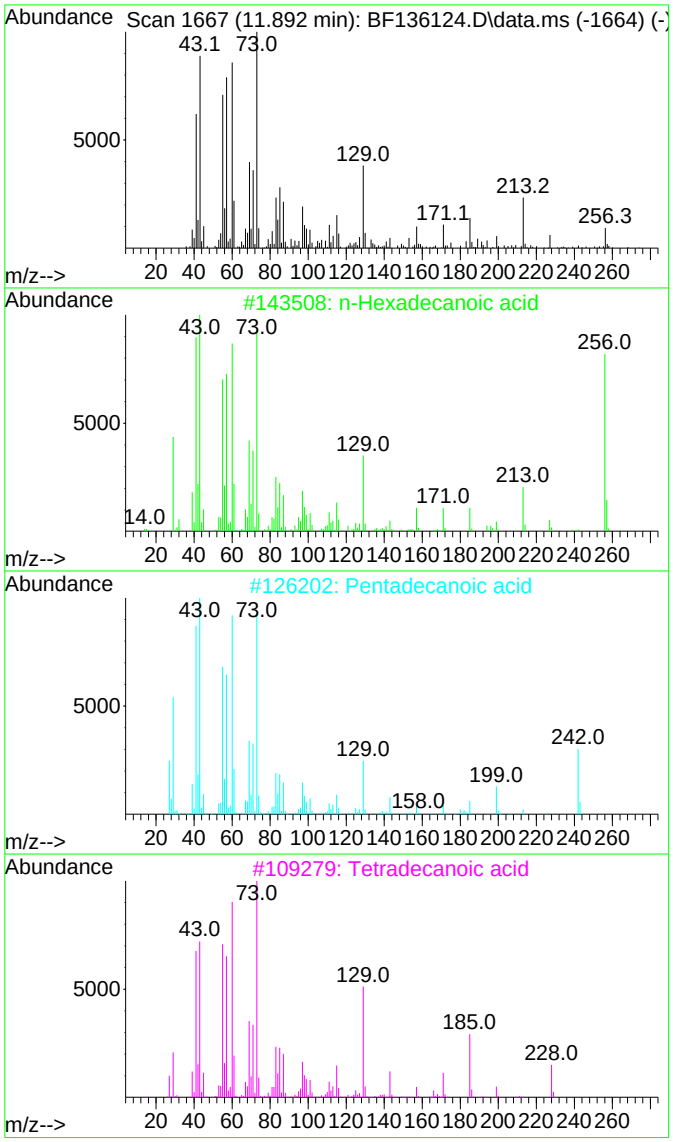
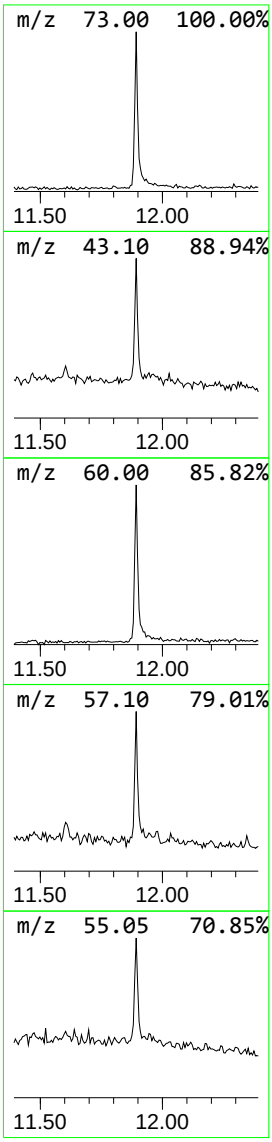
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.05 ng	252209	Phenanthrene-d10	11.351

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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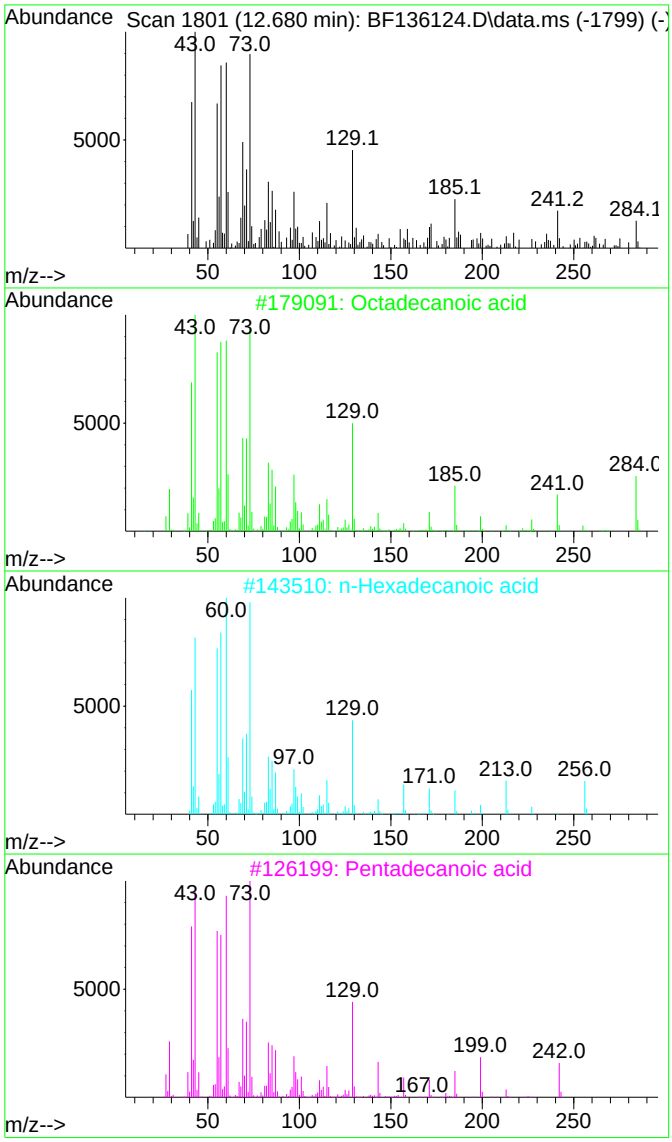
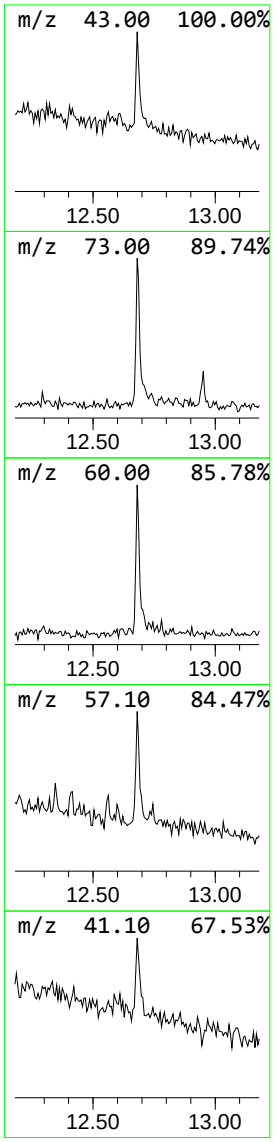
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	2.77 ng	99139	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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BNA_F
ClientSampleId :
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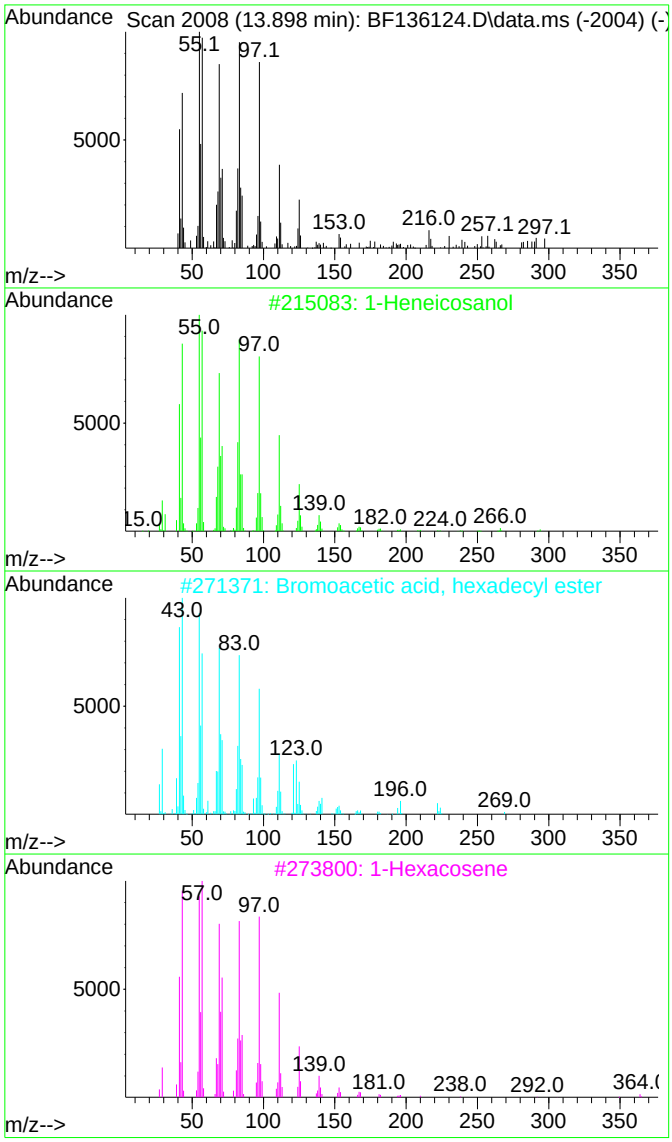
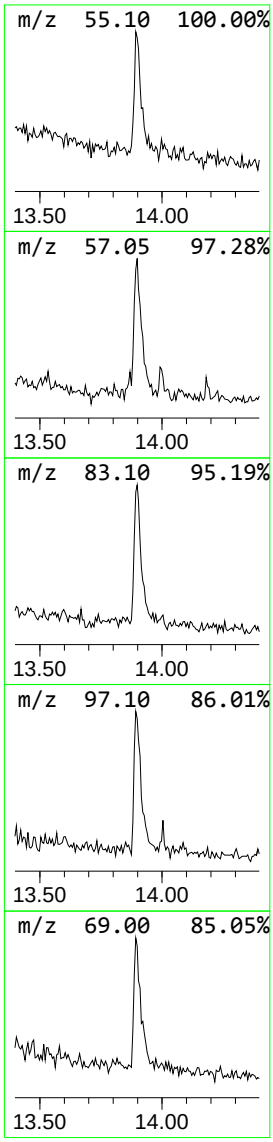
Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	3.82 ng	136580	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3	1-Hexacosene	364	C26H52	018835-33-1	91
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
5	1-Octadecanol	270	C18H38O	000112-92-5	89





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentasilox...	7.575	4.2	ng	181101	2	8.098	867341	20.0
Hexadecane, 2,6...	10.786	2.4	ng	97837	4	11.351	833339	20.0
n-Hexadecanoic ...	11.892	6.0	ng	252209	4	11.351	833339	20.0
Octadecanoic acid	12.680	2.8	ng	99139	5	14.004	715136	20.0
1-Heneicosanol	13.898	3.8	ng	136580	5	14.004	715136	20.0