LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111380.D
Acq On : 13 Dec 2018 20:03
Operator : JU/SJ
Sample : J6214-53
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.040	323	332	337	rBV	54839	71955	1.12%	0.168%
2	4.993	491	494	503	rVB	89173	111676	1.74%	0.261%
3	5.087	506	510	513	rBV	106324	97621	1.52%	0.228%
4	5.410	561	565	579	rBV	3263811	3004206	46.79%	7.027%
5	6.422	733	737	749	rBV	2116608	2123238	33.07%	4.967%
6	6.563	757	761	764	rBV	5615657	5231007	81.47%	12.236%
7	6.622	768	771	777	rVB	67233	74714	1.16%	0.175%
8	6.793	796	800	808	rBV	1817435	1487942	23.17%	3.481%
9	6.951	822	827	830	rBV	5722961	5001347	77.89%	11.699%
10	7.357	890	896	899	rBV	4046757	4150617	64.64%	9.709%
11	8.075	1014	1018	1021	rBV	2208824	1828527	28.48%	4.277%
12	9.151	1197	1201	1205	rBV	6697235	6420742	100.00%	15.019%
13	9.539	1265	1267	1271	rBV	90028	70971	1.11%	0.166%
14	9.828	1312	1316	1319	rBV2	2009830	1665598	25.94%	3.896%
15	10.616	1446	1450	1453	rBV	3185051	2826377	44.02%	6.611%
16	11.310	1564	1568	1571	rBV	1550407	1305400	20.33%	3.054%
17	11.845	1655	1659	1670	rBV	623172	630368	9.82%	1.475%
18	12.522	1771	1774	1778	rBV2	40774	69312	1.08%	0.162%
19	12.627	1789	1792	1799	rBV	319987	363063	5.65%	0.849%
20	12.898	1834	1838	1841	rBV	4553684	4016995	62.56%	9.397%
21	13.804	1988	1992	1999	rBV2	272851	320921	5.00%	0.751%
22	13.945	2012	2016	2026	rBV	1109741	1073588	16.72%	2.511%
23	14.733	2148	2150	2155	rVB	68584	68910	1.07%	0.161%
24	15.386	2257	2261	2265	rBV	624844	734335	11.44%	1.718%

Sum of corrected areas: 42749430

LSC Report - Integrated Chromatogram

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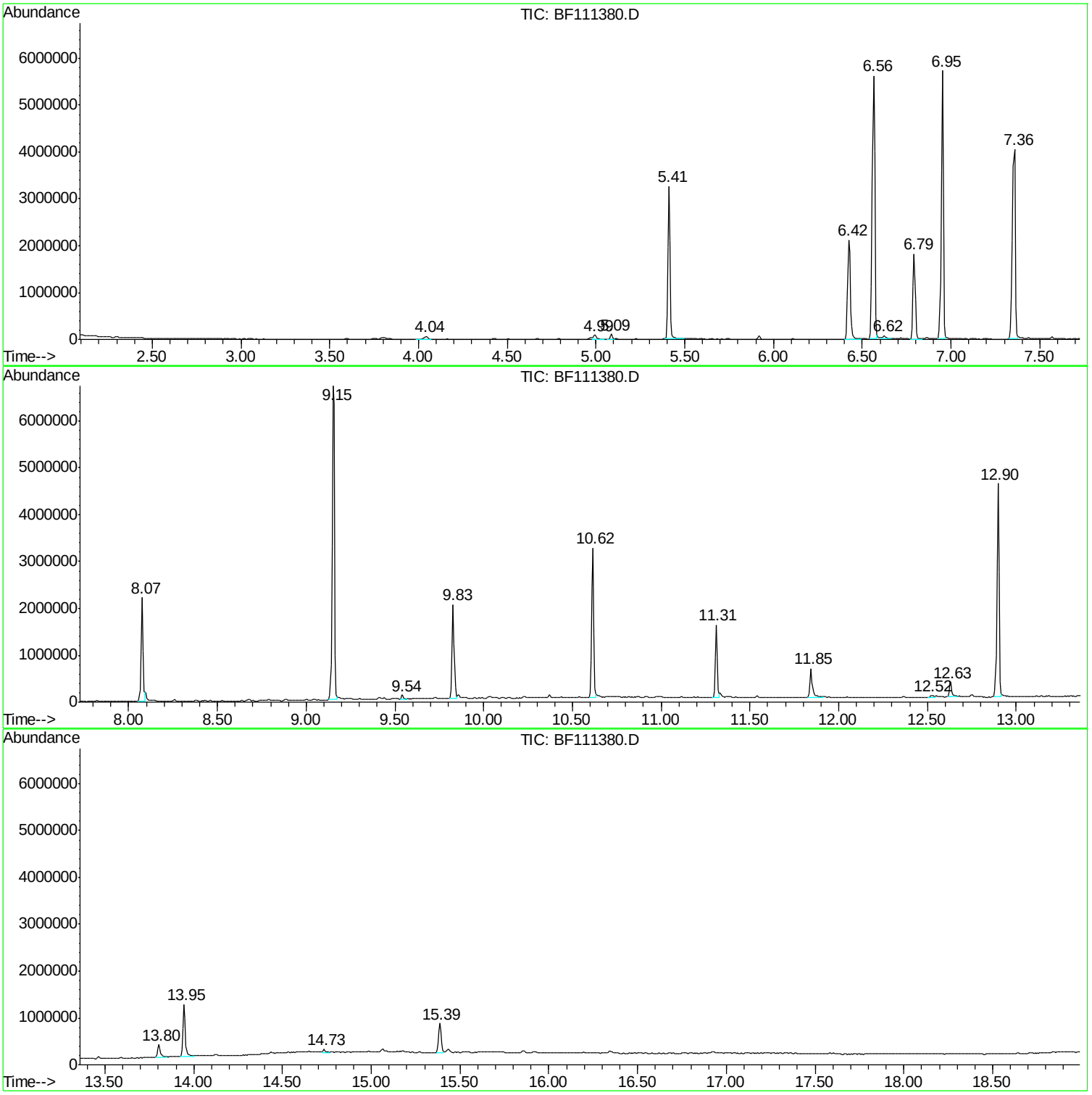
Instrument : BNA_F
ClientSampleId : TW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : TW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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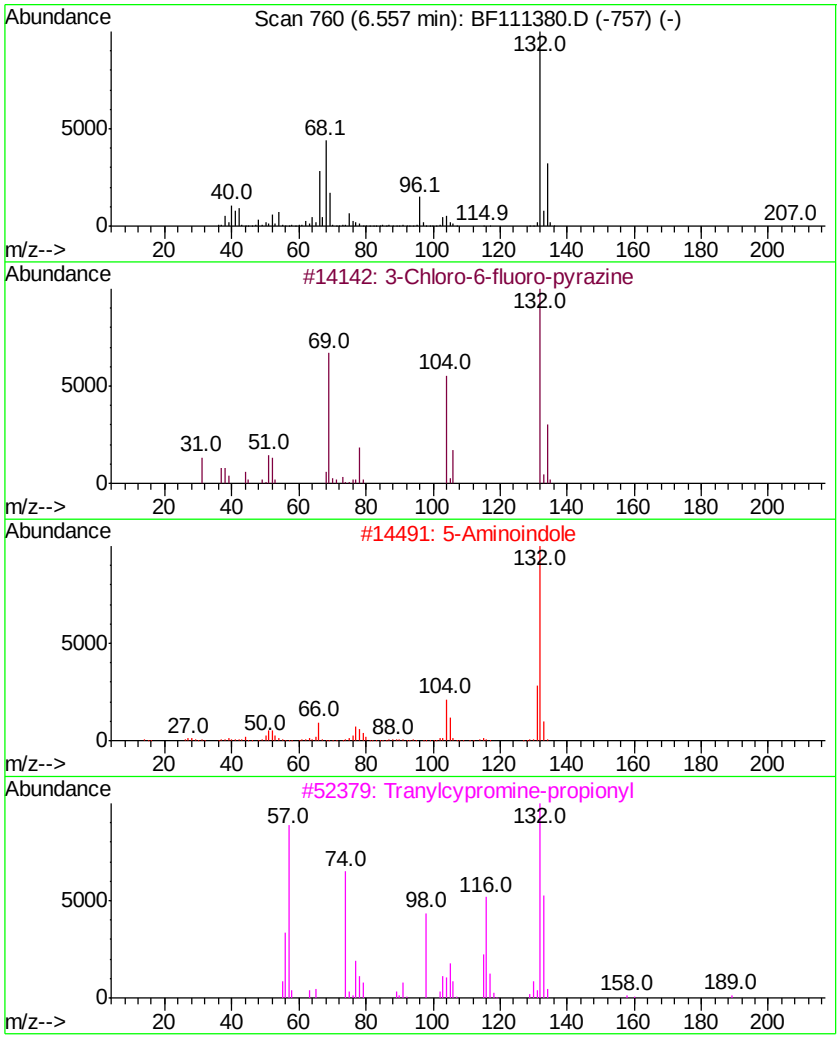
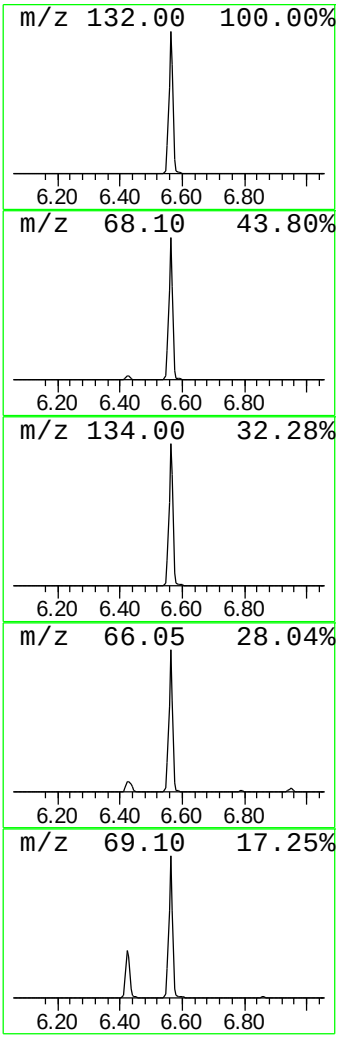
Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	70.31 ng	5231010	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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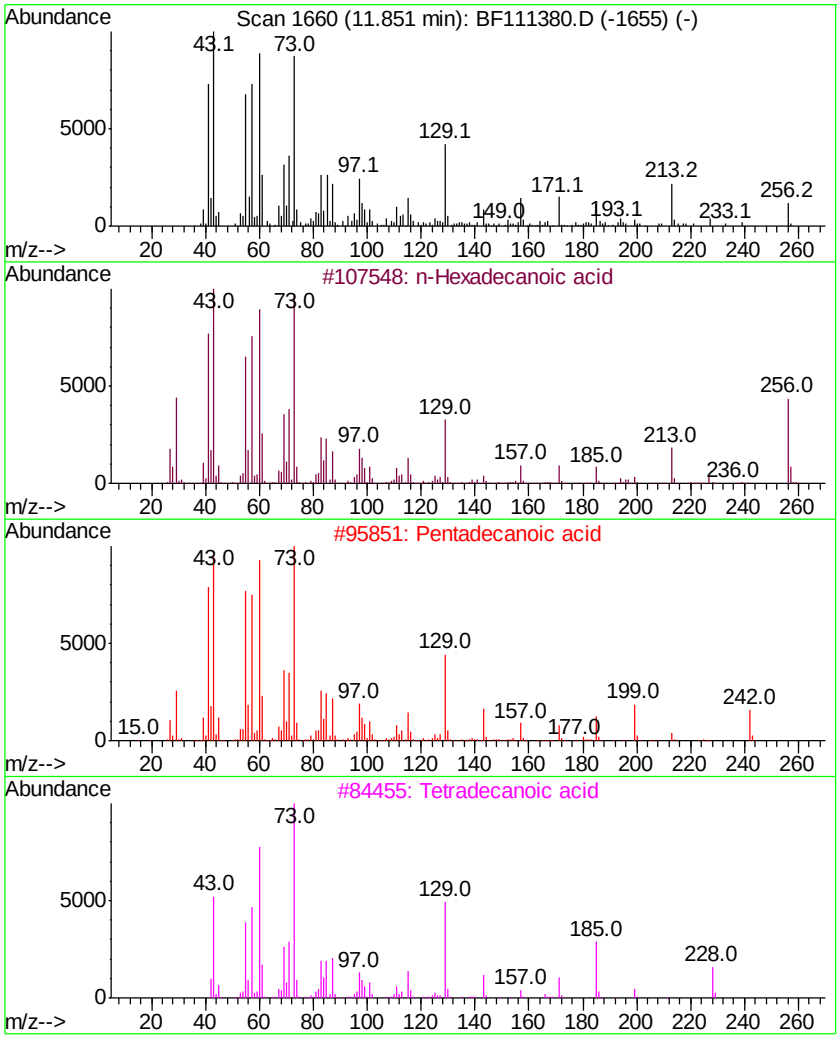
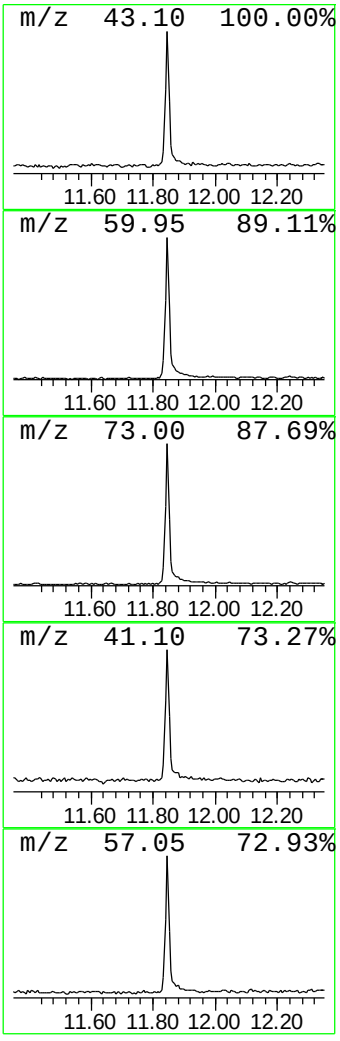
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	9.66 ng	630368	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Library Search Compound Report

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Operator : JU/SJ
Sample : J6214-53
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
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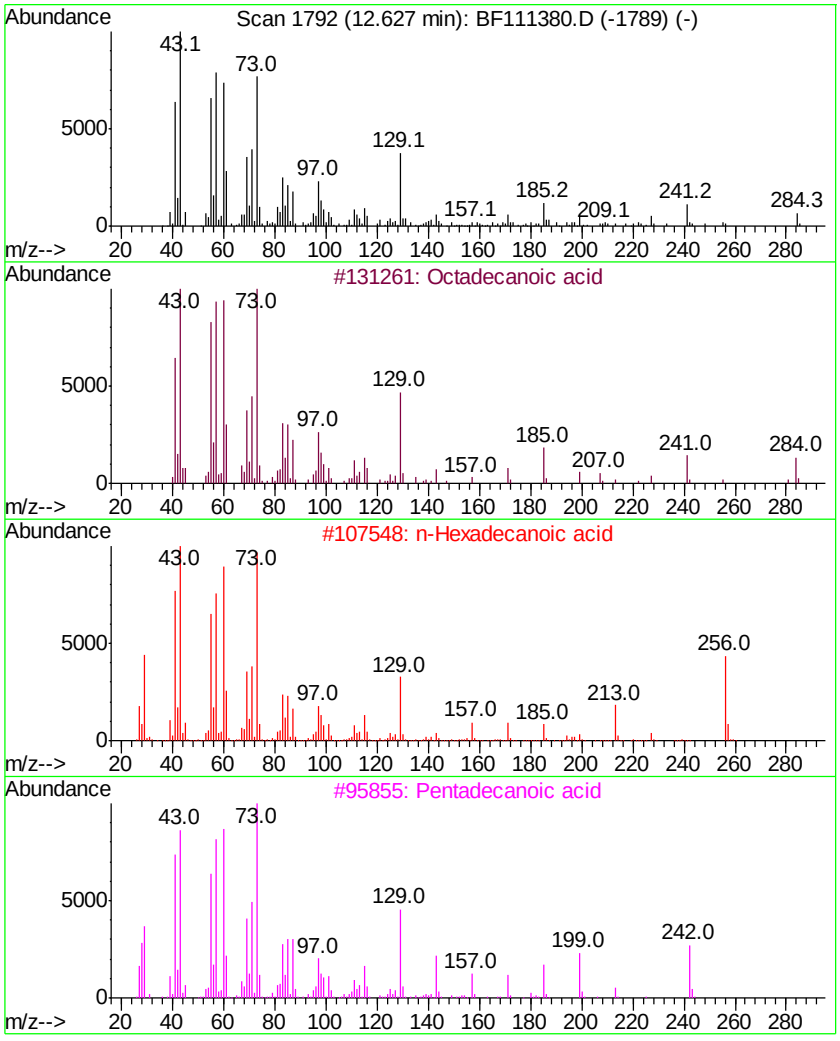
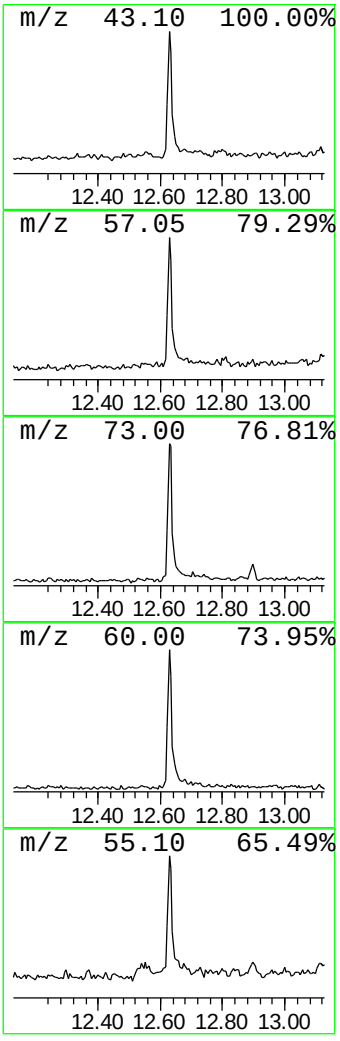
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.56 ng	363063	Phenanthrene-d10	11.31

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Instrument : BNA_F
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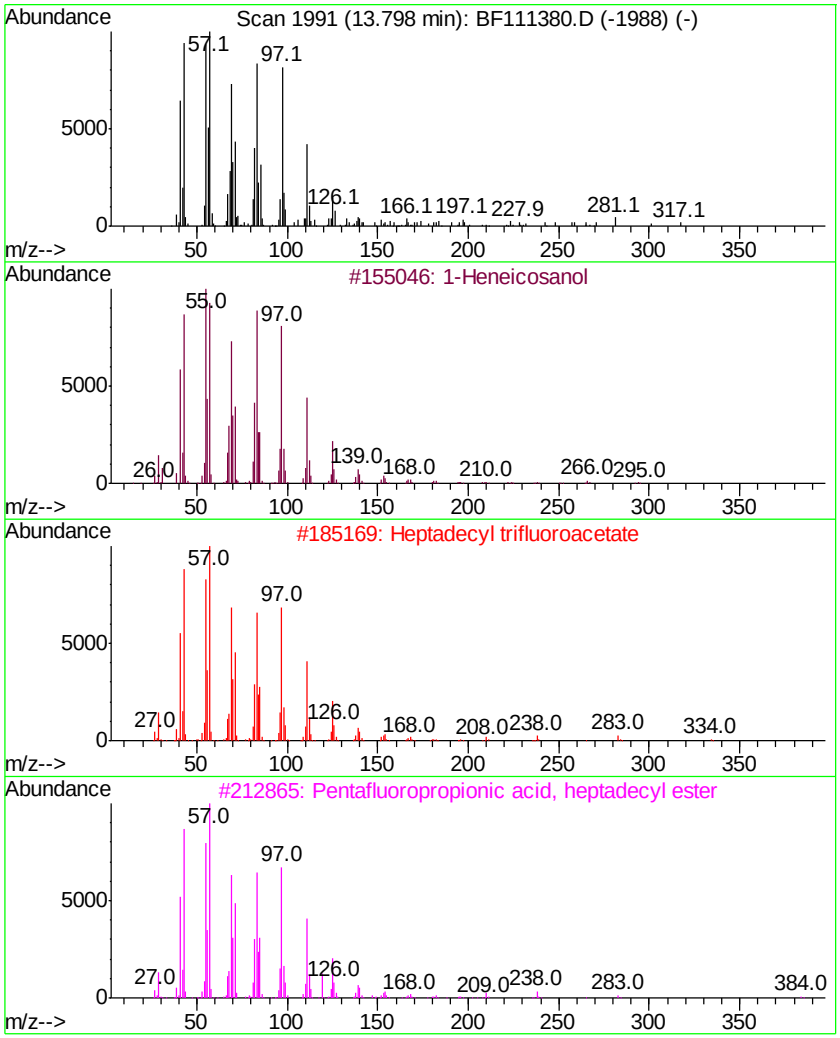
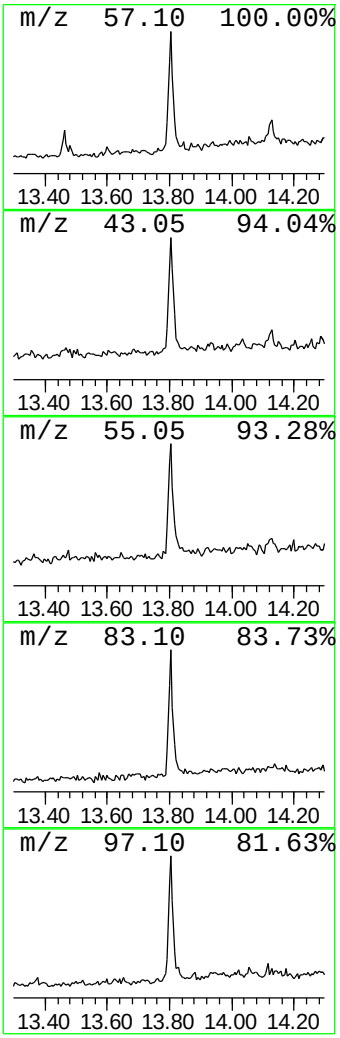
Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.98 ng	320921	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	70.3	ng	5231010	1	6.79	1487940	20.0
n-Hexadecanoic acid	11.85	9.7	ng	630368	4	11.31	1305400	20.0
Octadecanoic acid	12.63	5.6	ng	363063	4	11.31	1305400	20.0
1-Heneicosanol	13.80	6.0	ng	320921	5	13.95	1073590	20.0