LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128434.D
Acq On : 24 May 2022 14:50
Operator : CG\JU
Sample : N2981-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TGMP-4

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-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128434.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	470	473	486	rVB	54935	71478	2.26%	0.418%
2	5.469	538	541	560	rBV	1478258	1470660	46.50%	8.610%
3	6.481	709	713	729	rBV	1010331	1057351	33.43%	6.190%
4	6.845	771	775	783	rVB	626457	563076	17.80%	3.297%
5	7.416	867	872	875	rBV	1799467	1856849	58.71%	10.871%
6	8.128	989	993	996	rBV	835499	733211	23.18%	4.293%
7	8.481	1050	1053	1067	rBV2	30555	56315	1.78%	0.330%
8	9.204	1170	1176	1179	rBV	3395259	3162620	100.00%	18.516%
9	9.881	1287	1291	1295	rBV	906635	801575	25.35%	4.693%
10	10.092	1323	1327	1330	rBV2	34109	41002	1.30%	0.240%
11	10.681	1423	1427	1438	rVB	1993288	1825098	57.71%	10.685%
12	11.375	1541	1545	1548	rBV	991706	846599	26.77%	4.956%
13	11.398	1548	1549	1553	rVB	77378	58567	1.85%	0.343%
14	11.751	1606	1609	1613	rVB	51241	42060	1.33%	0.246%
15	11.898	1631	1634	1638	rBV2	92571	98923	3.13%	0.579%
16	12.592	1749	1752	1757	rBV	81240	78287	2.48%	0.458%
17	12.680	1764	1767	1776	rBV	72391	93476	2.96%	0.547%
18	12.822	1789	1791	1796	rVB	66719	66336	2.10%	0.388%
19	12.963	1811	1815	1818	rBV	3086632	2891078	91.41%	16.926%
20	13.892	1969	1973	1981	rVB3	54282	110123	3.48%	0.645%
21	14.021	1991	1995	1999	rBV	579788	566874	17.92%	3.319%
22	14.116	2008	2011	2017	rVB	54320	50724	1.60%	0.297%
23	15.504	2243	2247	2257	rVB	407729	538629	17.03%	3.153%

Sum of corrected areas: 17080911

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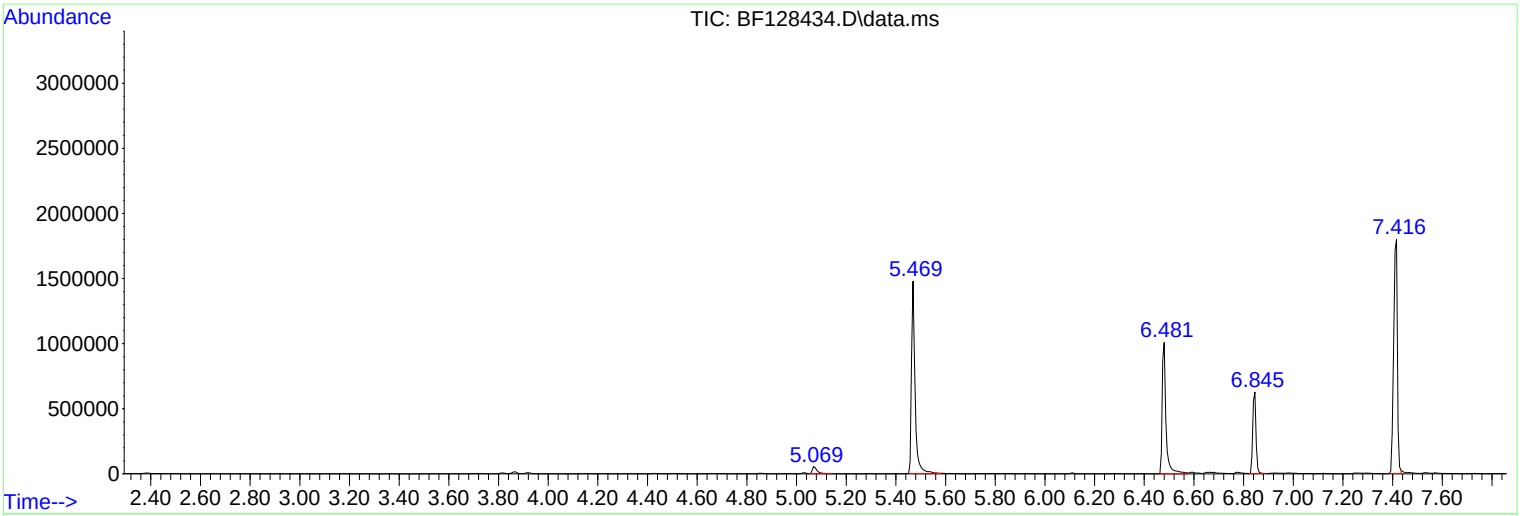
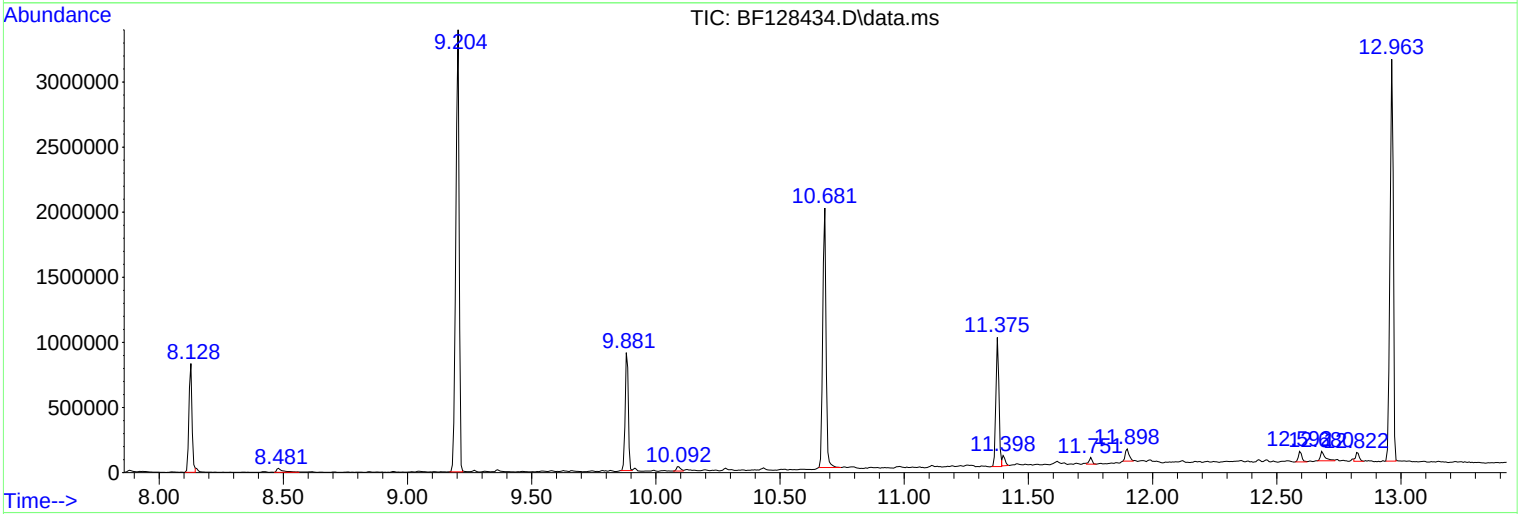
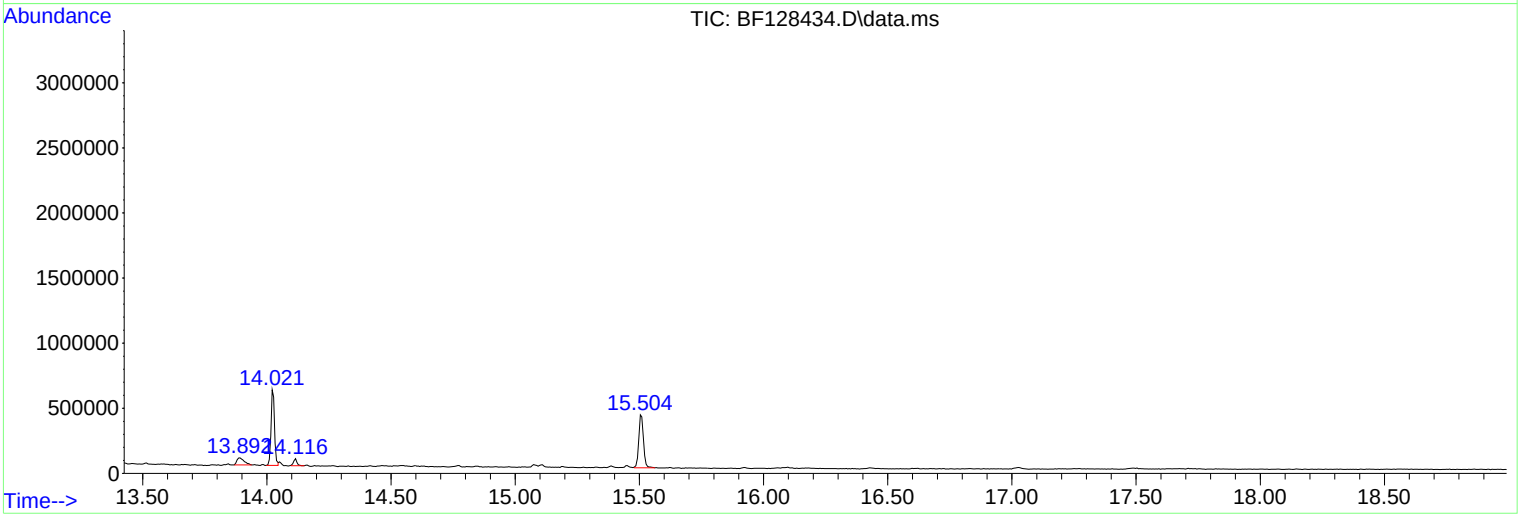
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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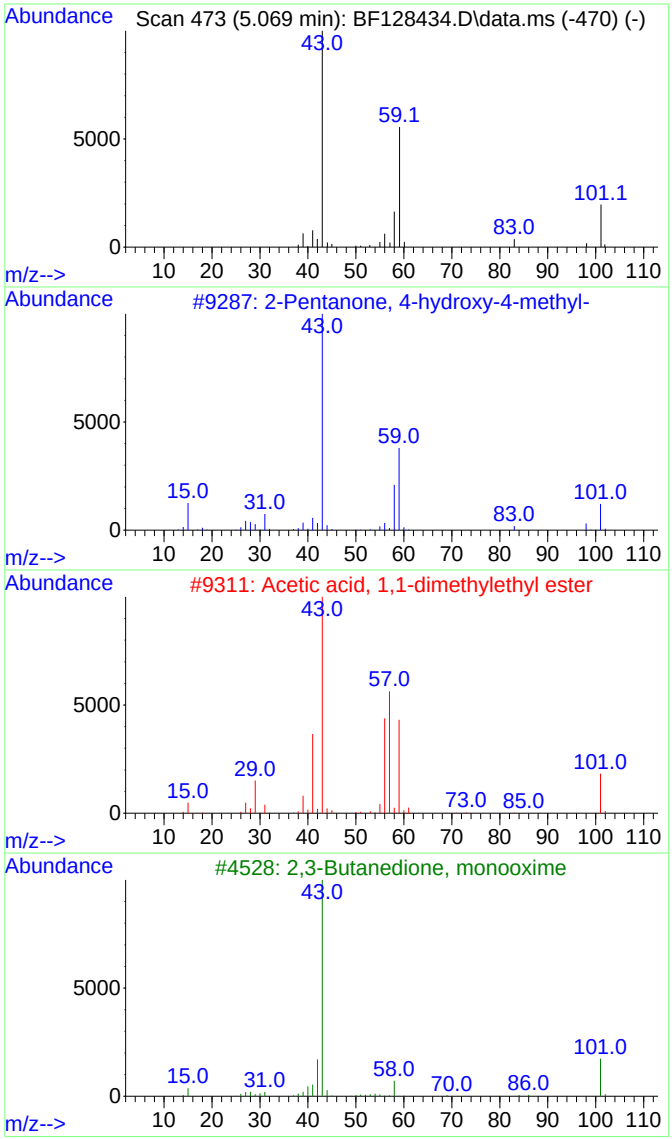
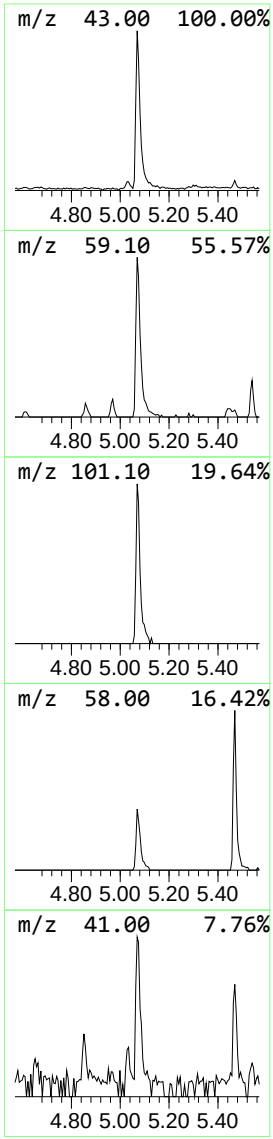
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	2.54 ng	71478	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25





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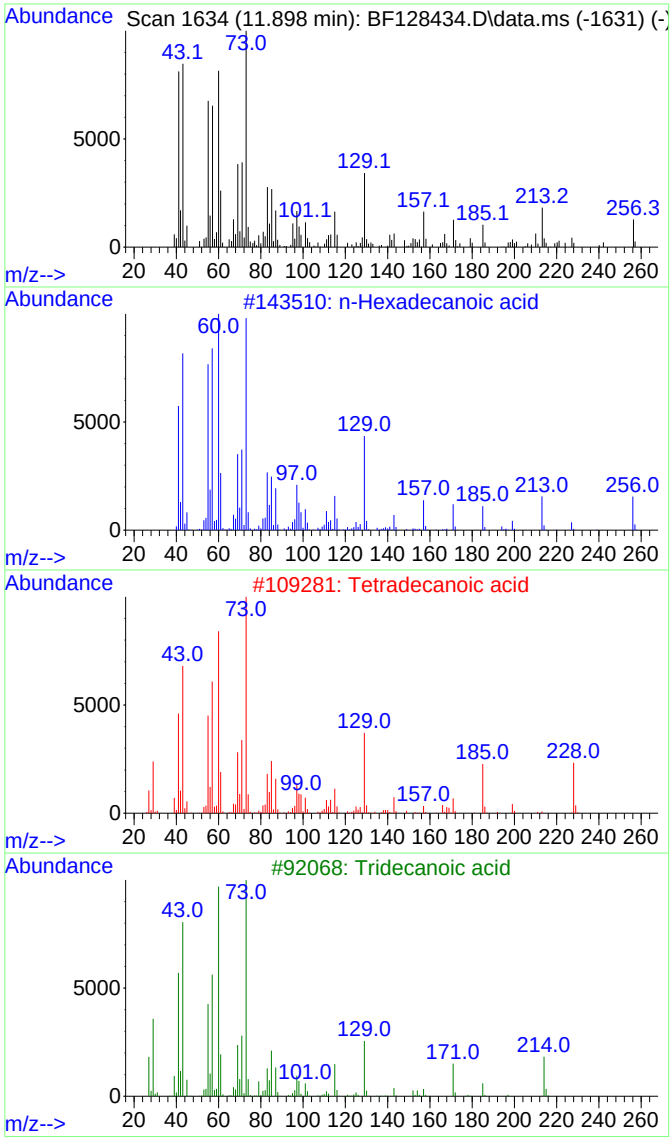
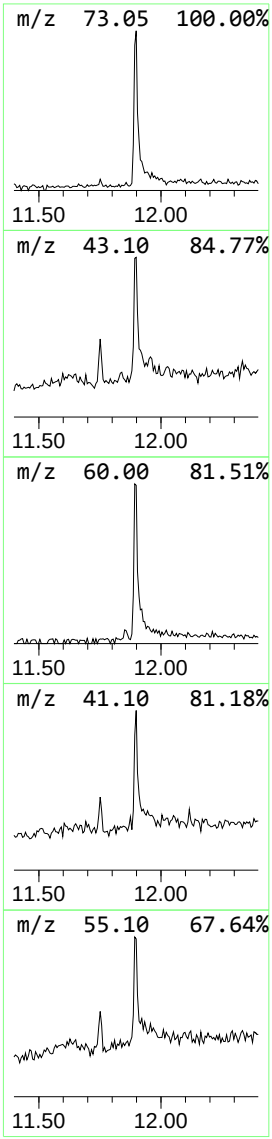
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.34 ng	98923	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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Data File : BF128434.D
Acq On : 24 May 2022 14:50
Operator : CG\JU
Sample : N2981-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TGMP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
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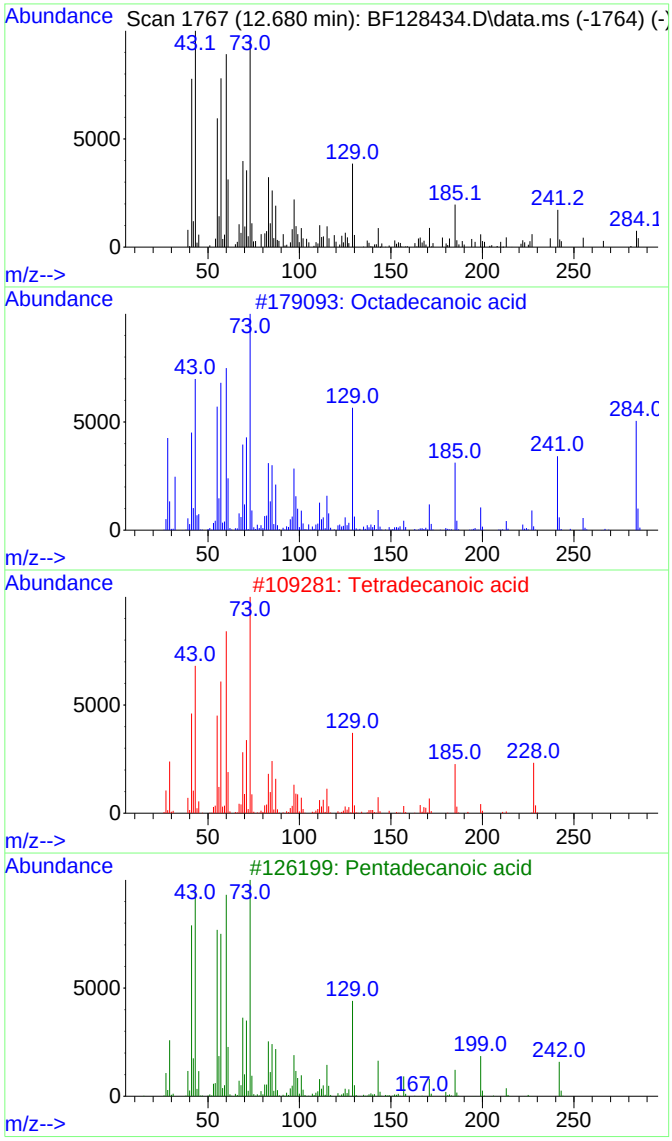
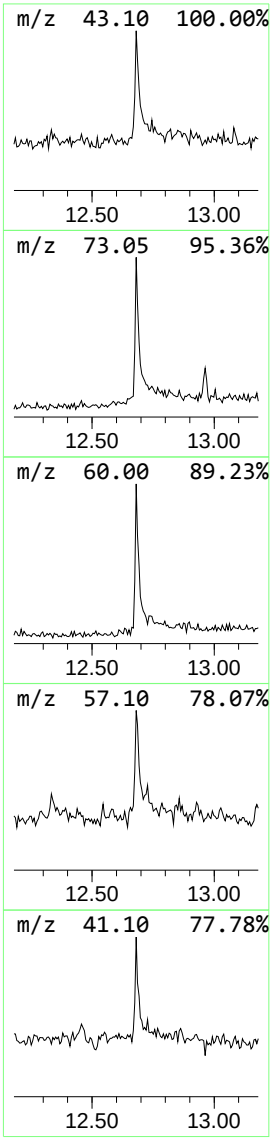
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	2.21 ng	93476	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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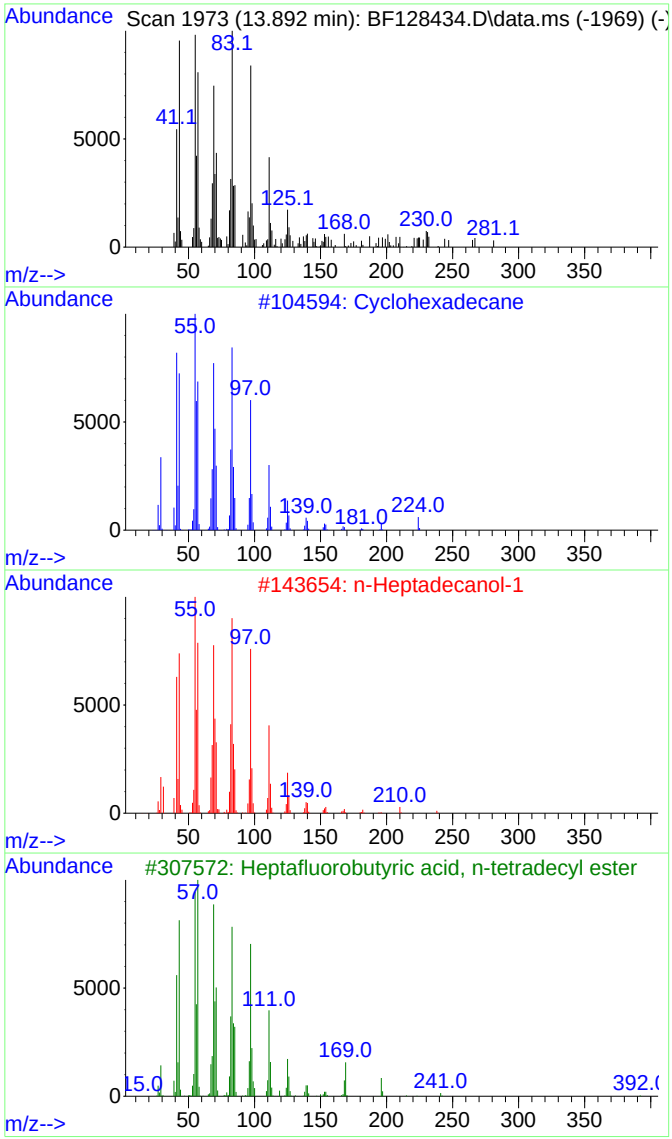
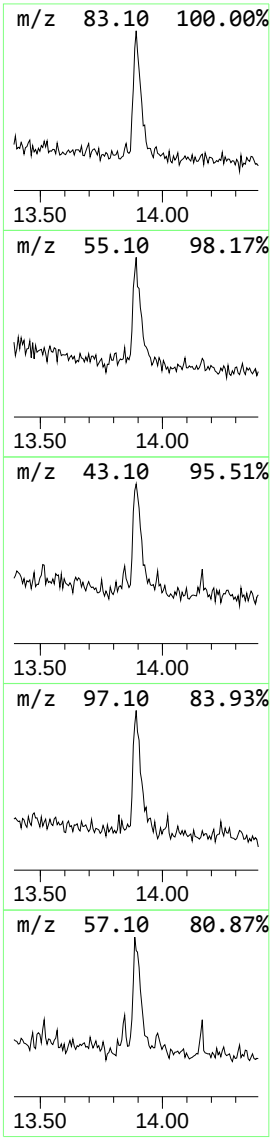
Peak Number 5 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.89 ng	110123	Chrysene-d12	14.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93





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-...	5.069	2.5	ng	71478	1	6.845	563076	20.0
n-Hexadecanoic ...	11.898	2.3	ng	98923	4	11.375	846599	20.0
Octadecanoic acid	12.680	2.2	ng	93476	4	11.375	846599	20.0
Cyclohexadecane	13.892	3.9	ng	110123	5	14.022	566874	20.0