LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112861.D
Acq On : 5 Mar 2019 19:22
Operator : JU/SJ
Sample : K1715-07 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-D

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-BF022719.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	5.334	549	552	566	rBV	491815	514313	32.65%	4.050%
2	6.363	723	727	738	rBV	634647	595142	37.78%	4.686%
3	6.498	747	750	765	rBV	647567	610310	38.75%	4.806%
4	6.734	787	790	804	rBV	974377	946473	60.09%	7.452%
5	6.892	813	817	830	rBV	494612	434864	27.61%	3.424%
6	7.292	881	885	899	rBV	322084	349280	22.17%	2.750%
7	8.016	1005	1008	1029	rBV	1150027	1303028	82.72%	10.260%
8	9.092	1188	1191	1205	rBV	614309	635991	40.38%	5.008%
9	9.486	1254	1258	1267	rVB	37258	40760	2.59%	0.321%
10	9.769	1302	1306	1318	rBV	1649253	1528110	97.01%	12.032%
11	10.551	1435	1439	1450	rBV	483993	484838	30.78%	3.818%
12	11.245	1553	1557	1566	rBV	1649255	1575163	100.00%	12.403%
13	11.786	1645	1649	1658	rBV	170035	247530	15.71%	1.949%
14	12.451	1759	1762	1765	rBV	32437	34456	2.19%	0.271%
15	12.569	1778	1782	1790	rBV	103470	171026	10.86%	1.347%
16	12.680	1796	1801	1806	rBV3	23240	43267	2.75%	0.341%
17	12.827	1822	1826	1833	rVB	575553	588714	37.37%	4.635%
18	13.010	1855	1857	1860	rBV4	18900	16879	1.07%	0.133%
19	13.733	1977	1980	1986	rBV4	92618	132373	8.40%	1.042%
20	13.874	2000	2004	2010	rBV	1237774	1293686	82.13%	10.186%
21	15.286	2239	2244	2248	rBV	989100	1154007	73.26%	9.087%

Sum of corrected areas: 12700210

LSC Report - Integrated Chromatogram

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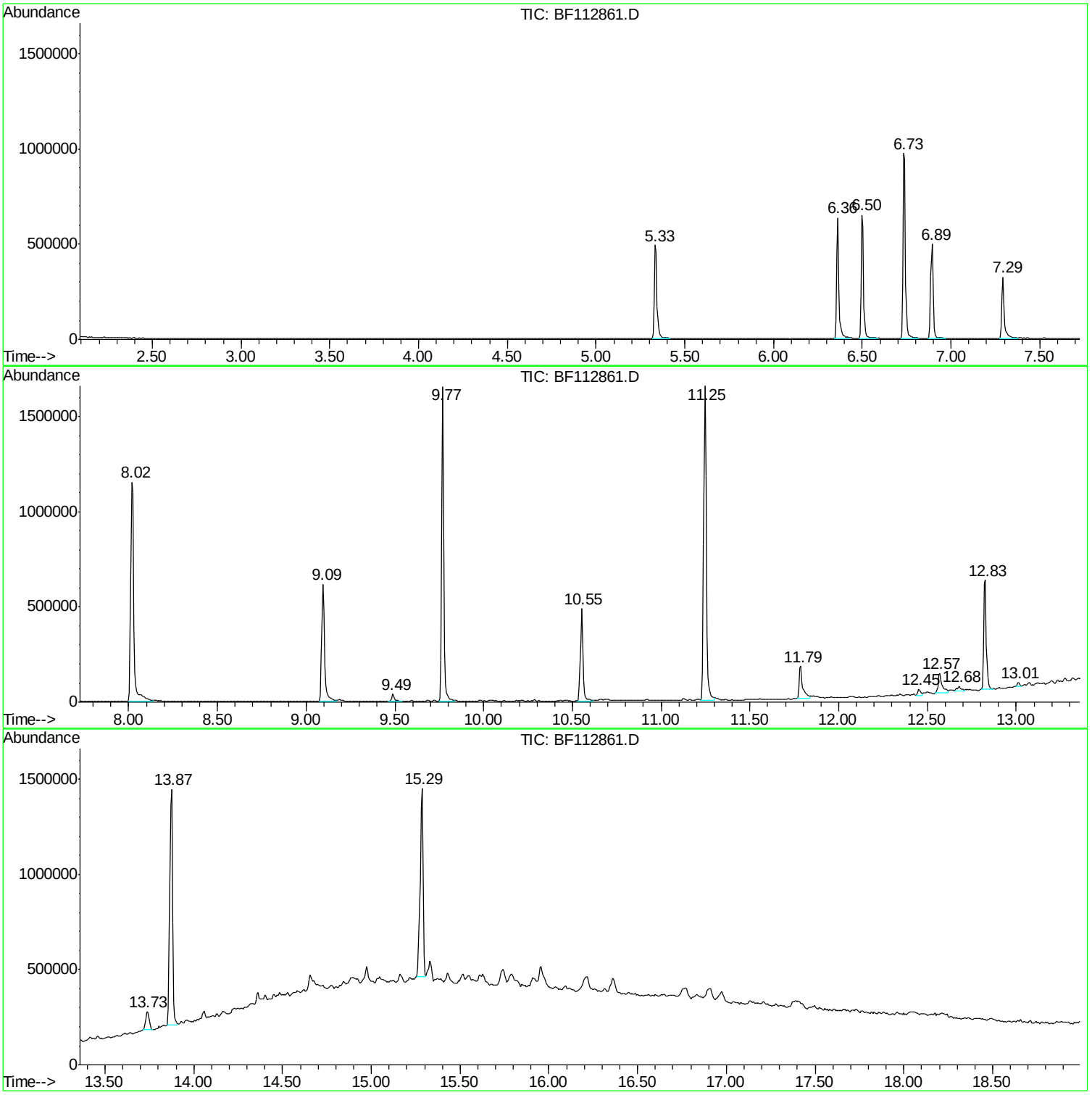
Instrument : BNA_F
ClientSampleId : TP-4-B-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\DATABASE\NIST11.L
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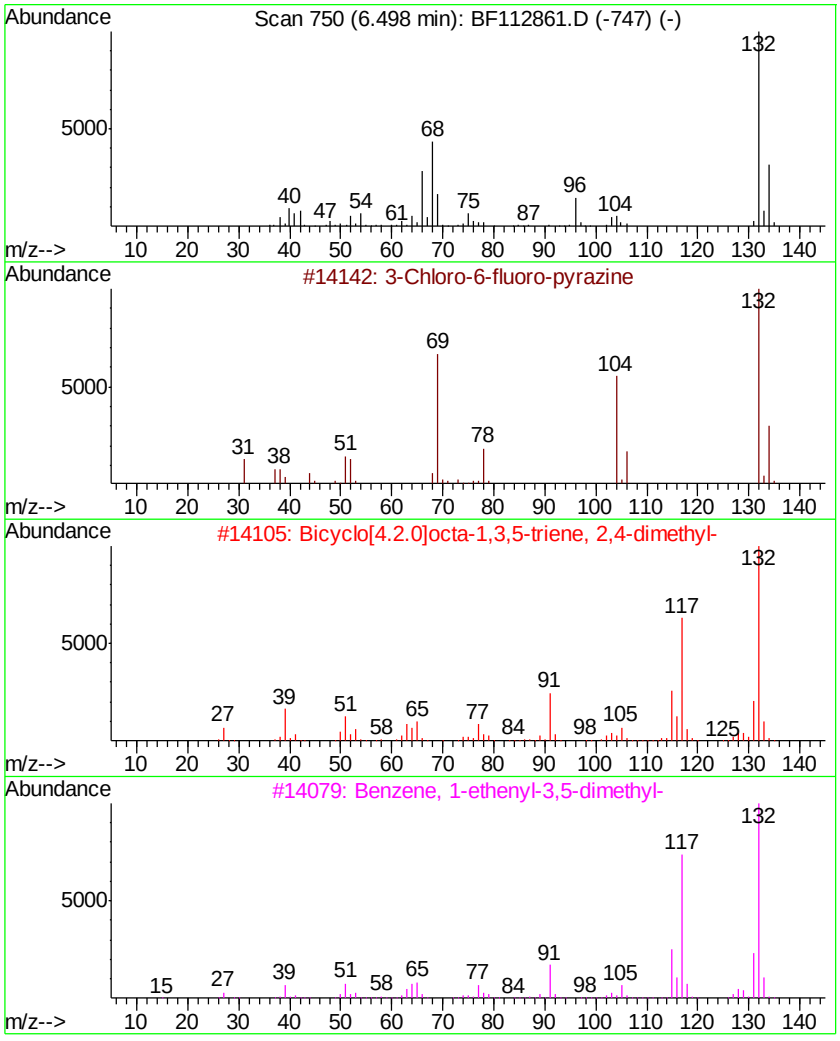
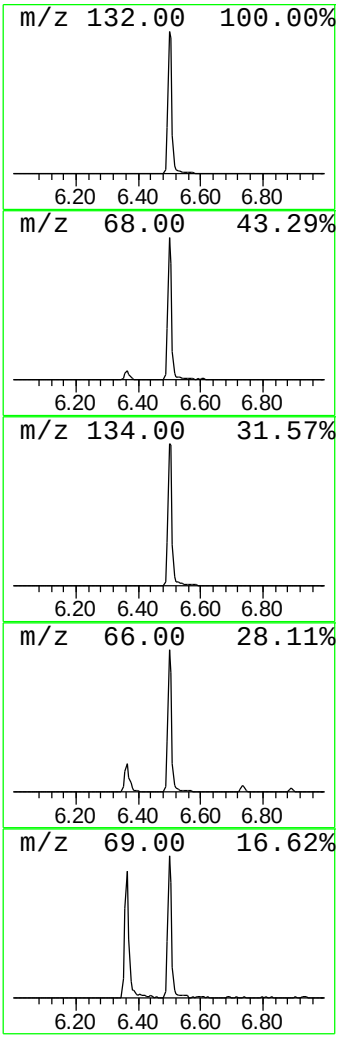
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	12.90 ng	610310	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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TP-4-B-D

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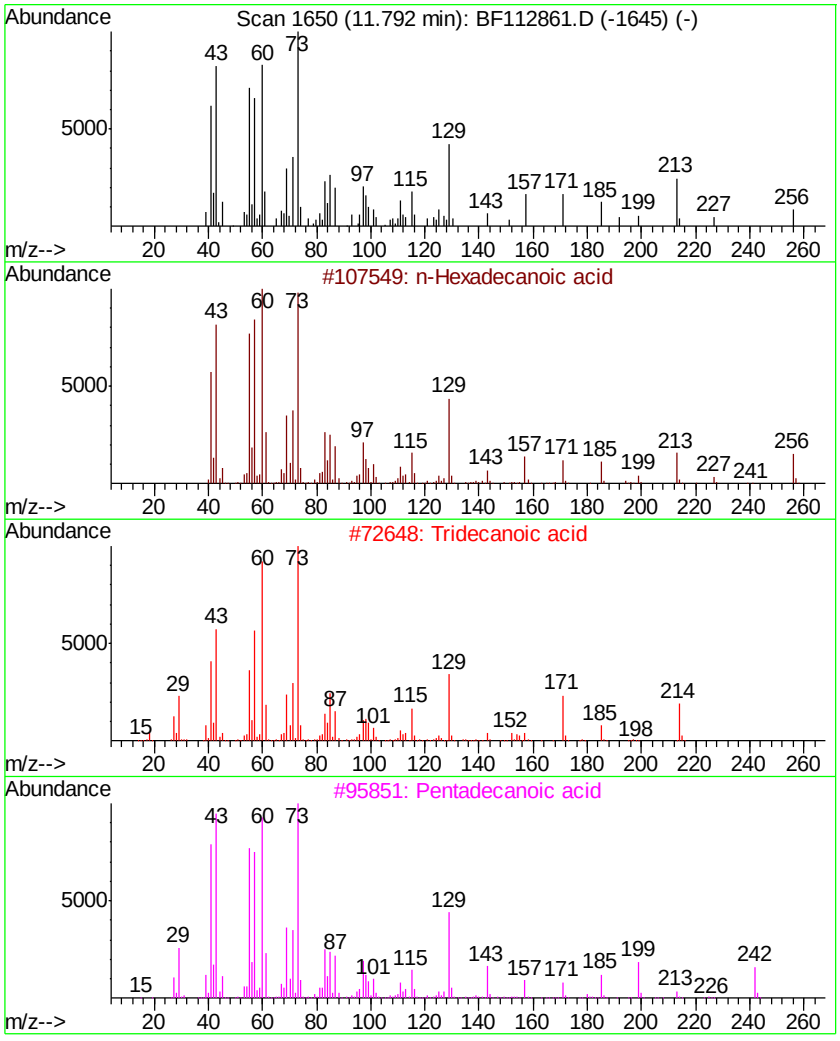
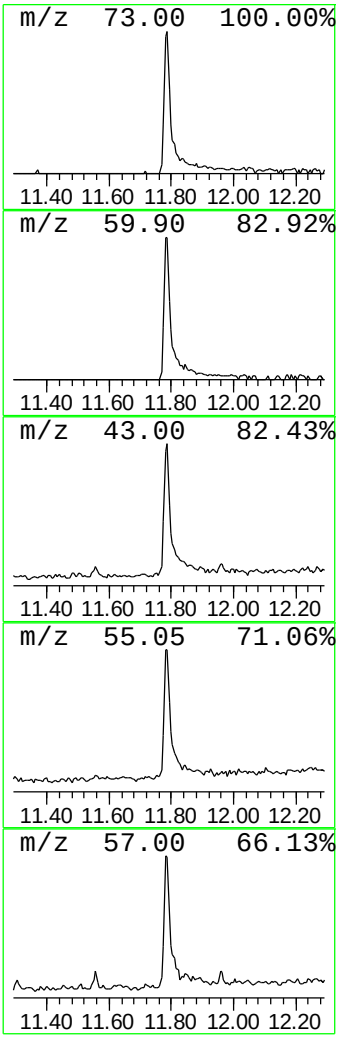
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.14 ng	247530	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	70





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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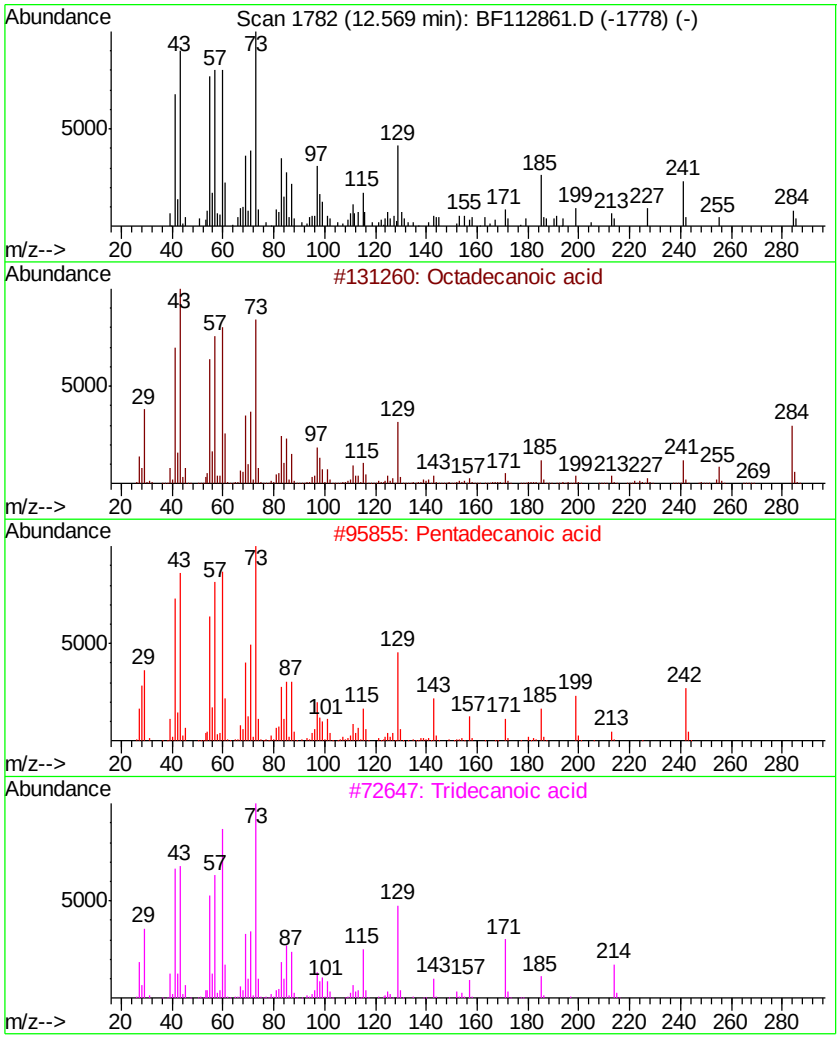
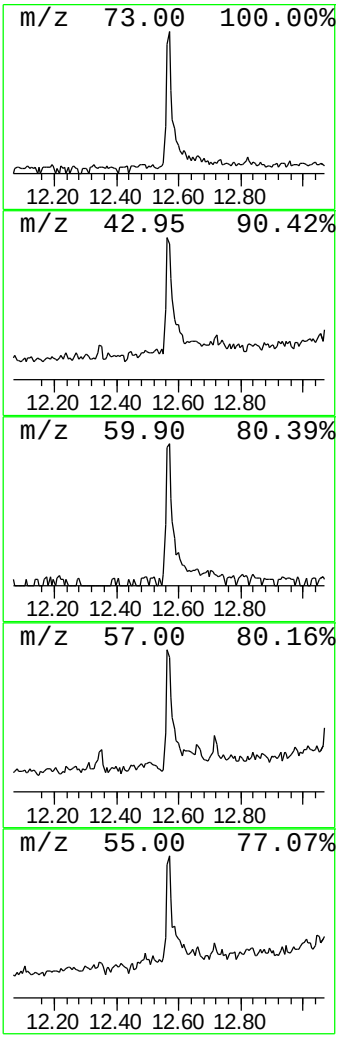
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.64 ng	171026	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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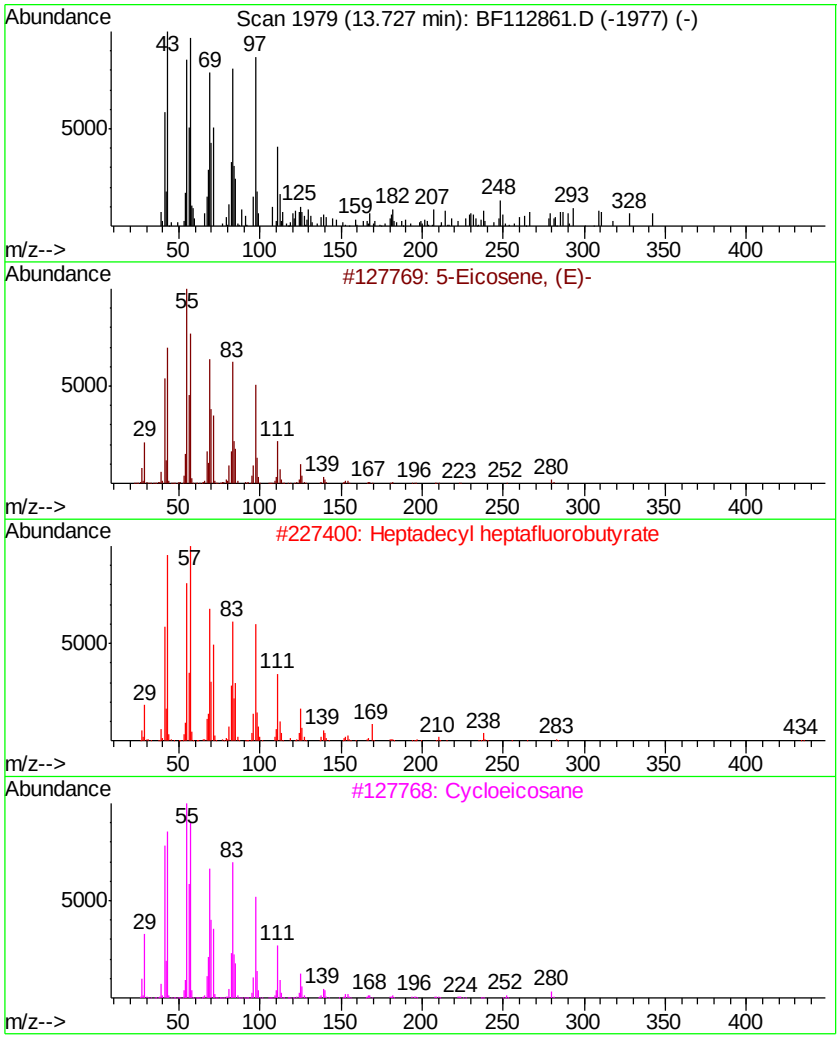
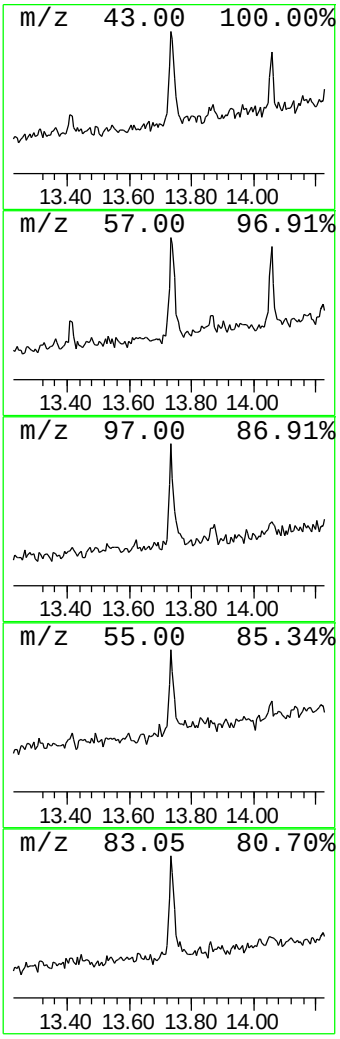
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.05 ng	132373	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Cycloeicosane	280	C20H40	000296-56-0	91
4	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	90
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	12.9	ng	610310	1	6.74	946473	20.0
n-Hexadecanoic acid	11.79	3.1	ng	247530	4	11.25	1575160	20.0
Octadecanoic acid	12.57	2.6	ng	171026	5	13.87	1293690	20.0
5-Eicosene, (E)-	13.73	2.0	ng	132373	5	13.87	1293690	20.0