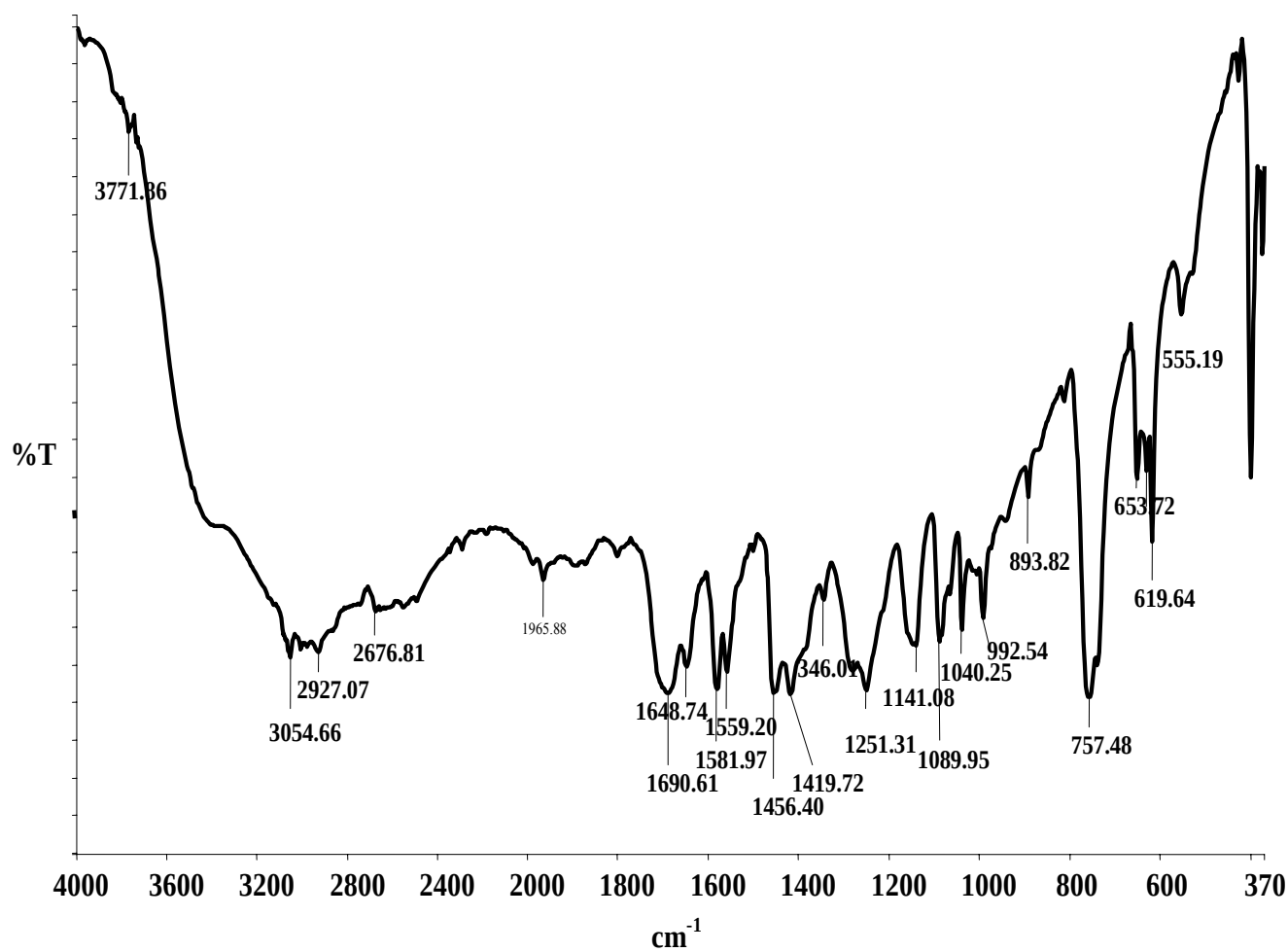
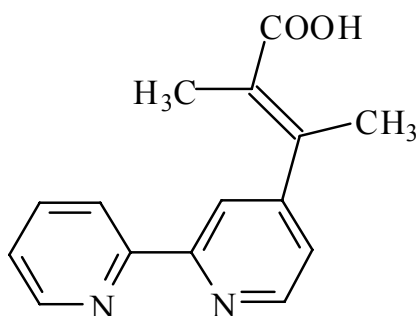
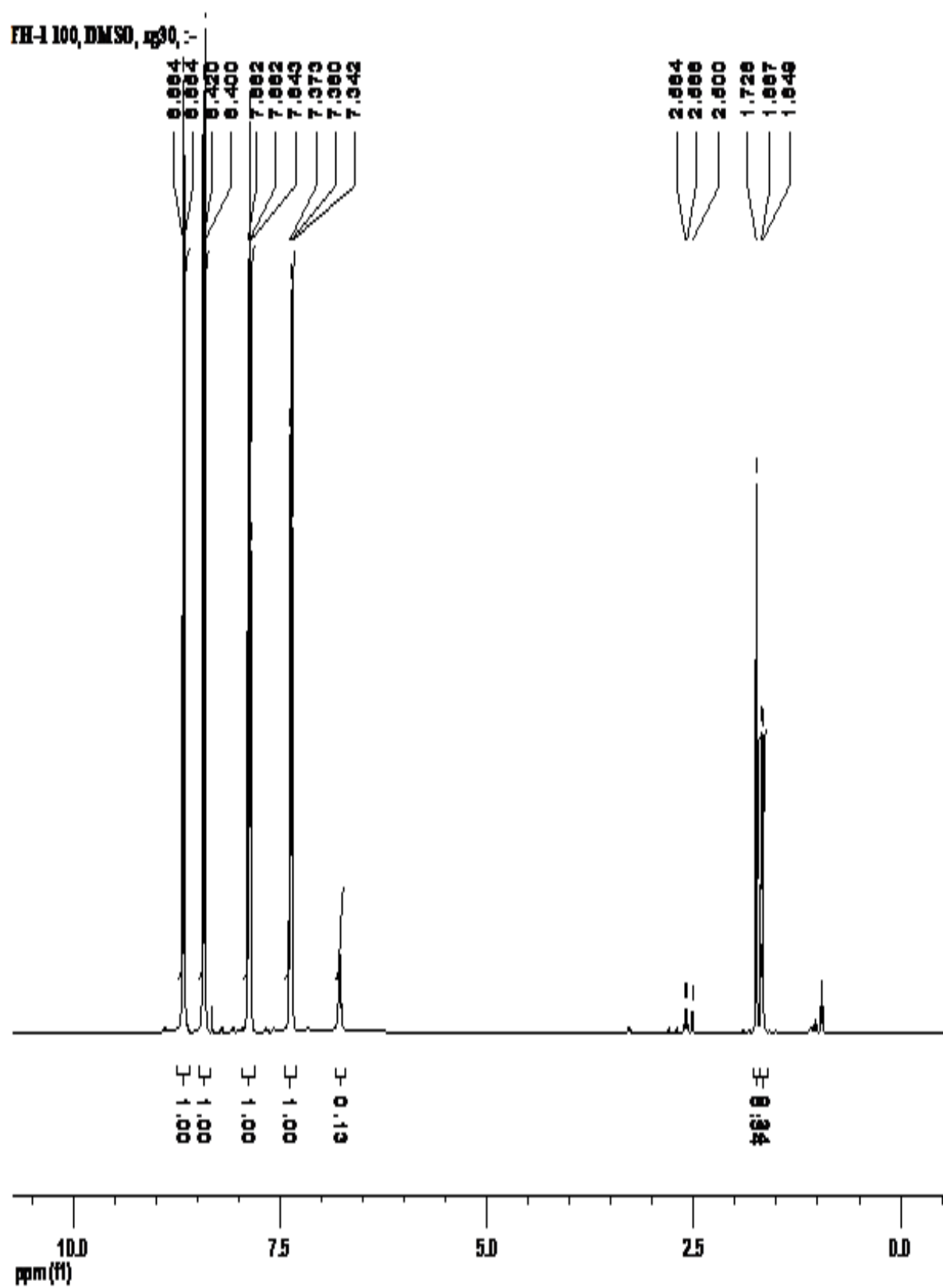
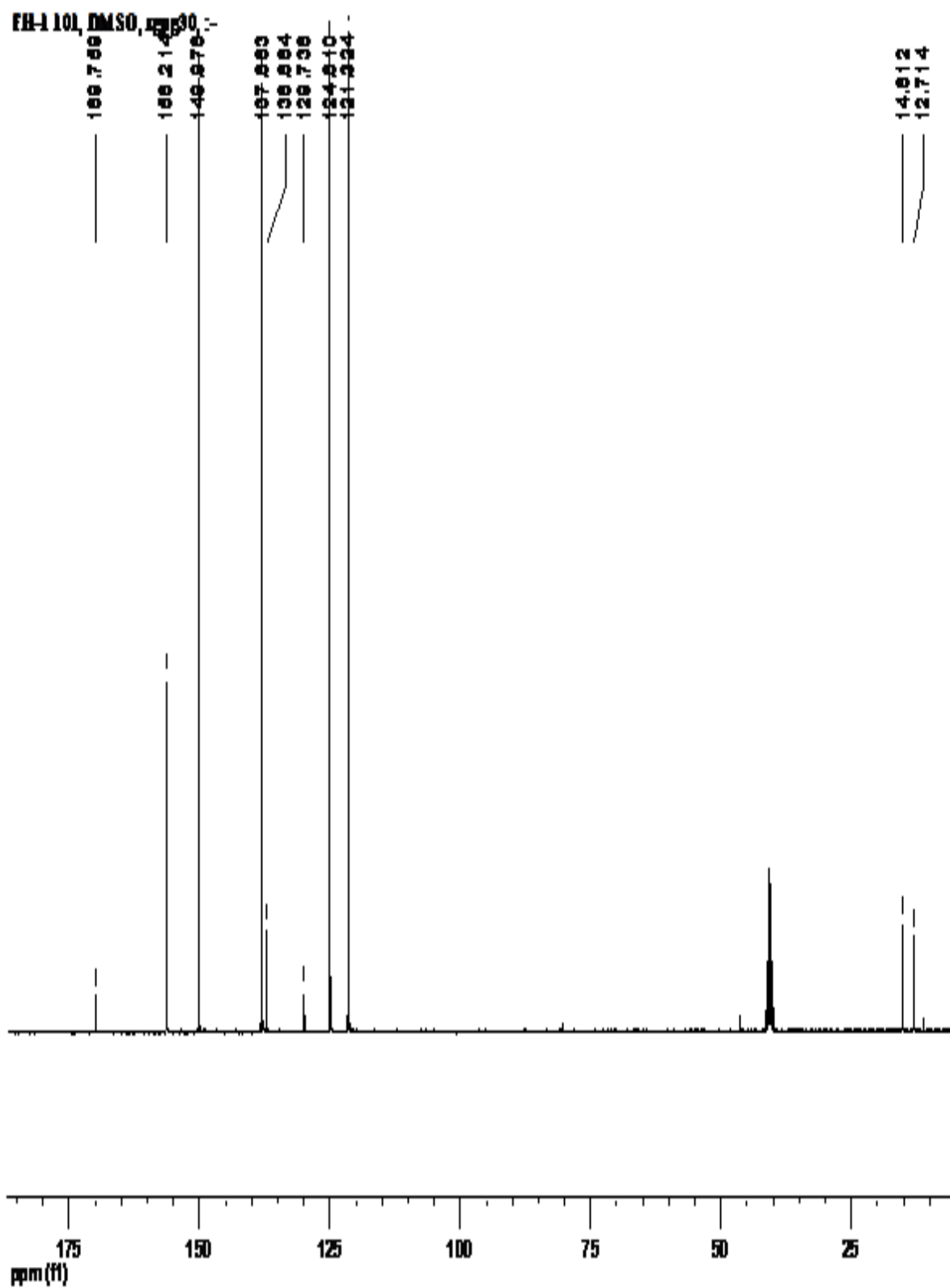
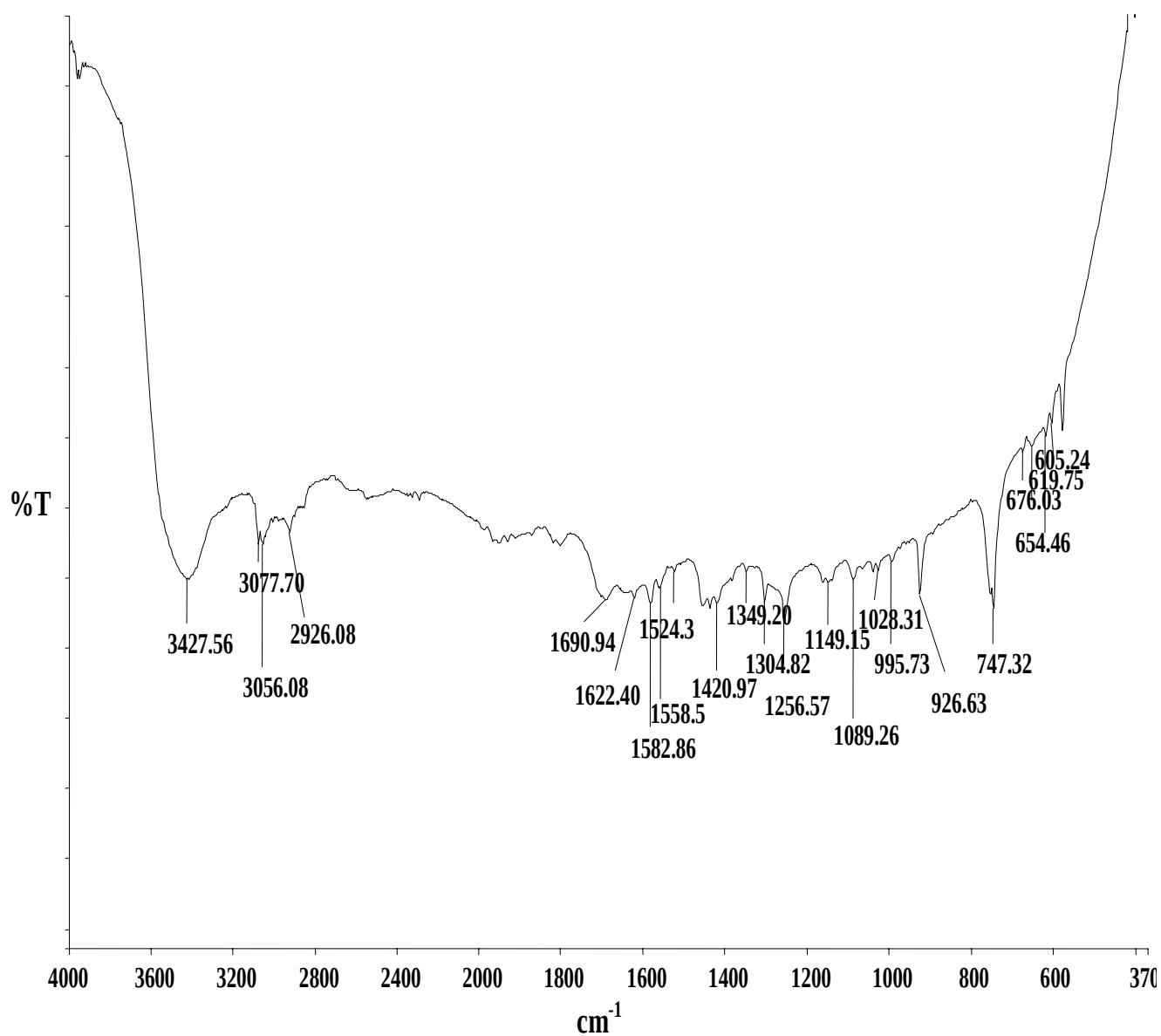
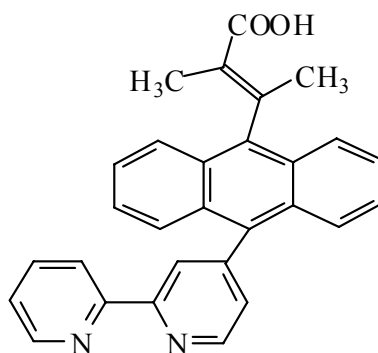


Supplementary Information

S1. FT-IR of 4-(2,3-dimethylacrylic acid)-2,2'-bipyridine (L_1) in KBr.

S2. ^1H -NMR spectrum of L_1 .

S3. ^{13}C -NMR spectrum of L_1 .

S4. FT-IR of 4-(9-anthracenyl-10-(2,3-dimethylacrylic acid)-2,2'-bipyridine (L_2) in KBr.

S5. ^1H -NMR spectrum of L_2 .

S6. Expanded Aromatic Region of ^1H NMR spectrum of L_2 .

STANDARD PROTON PARAMETERS

Sample Name:

FH2-1H

Data Collected on:

Varian-NMR-vnmr5400

Archive directory:

Sample directory:

Fidfile: FH2-1H

Pulse Sequence: PROTON (s2pu1)

Solvent: cdCl_3

Data collected on: Oct 28 2010

Temp. 25.0 C / 298.1 K
Operator: vnmr1

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 2.556 sec

Width 6410.3 Hz

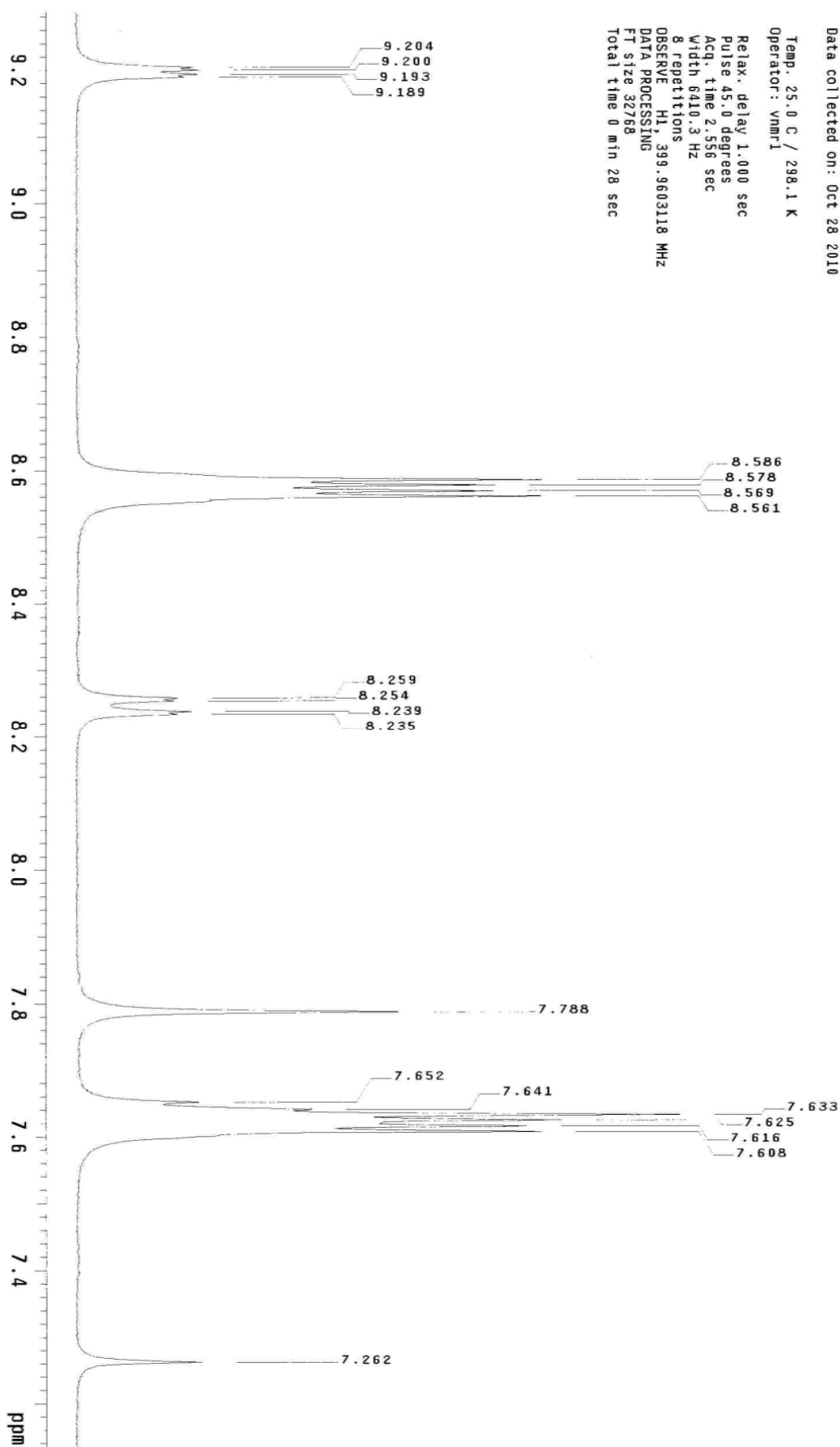
8 repetitions

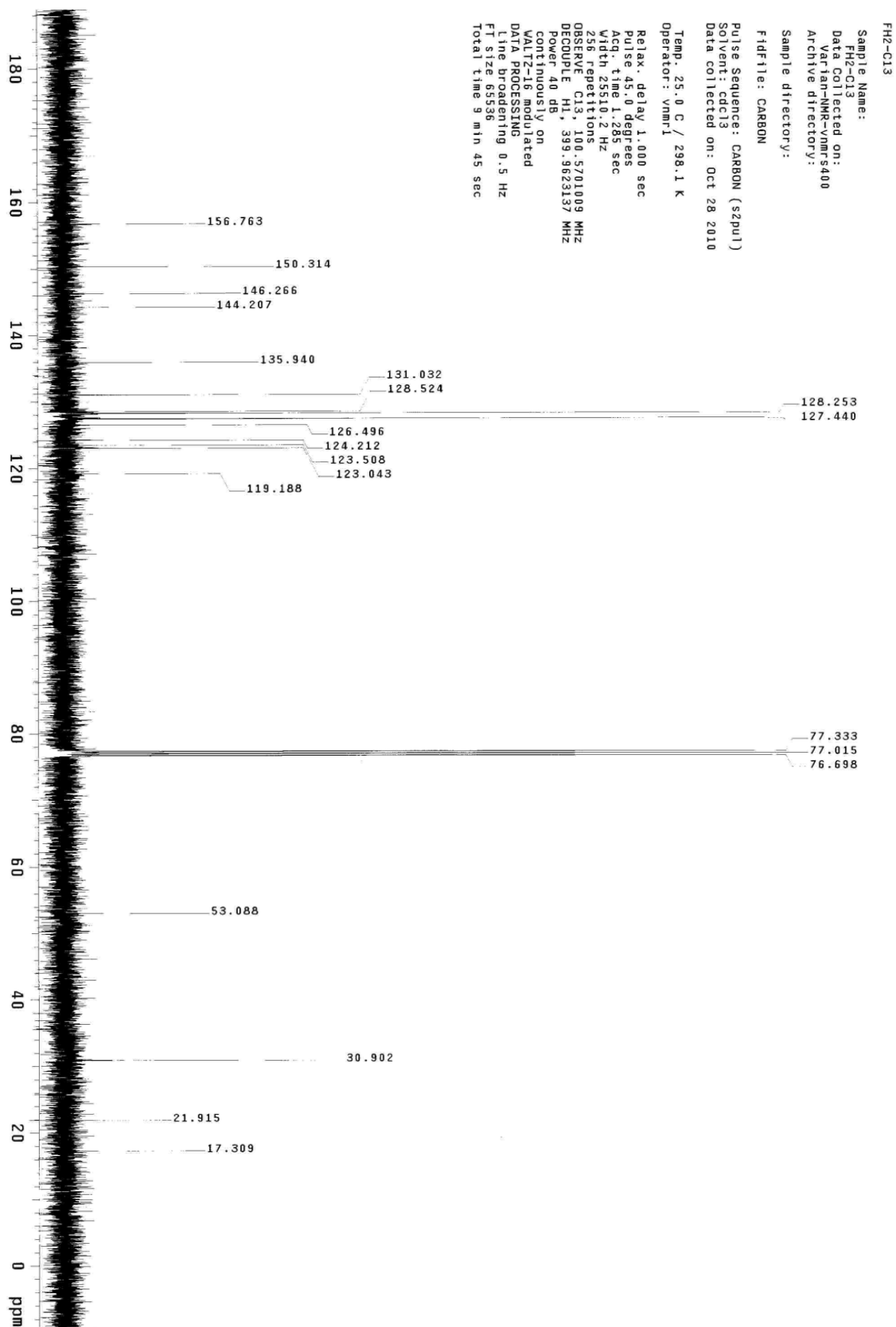
OBSERVE H1 399.9603118 MHz

DATA PROCESSING

FT size 32768

Total time 0 min 28 sec



S7. ^{13}C -NMR spectrum of L_2 .

S8. UV-Vis absorption spectral of L₁ and L₂ (Conc. = 1×10^{-3} g/mol) in DMF.

