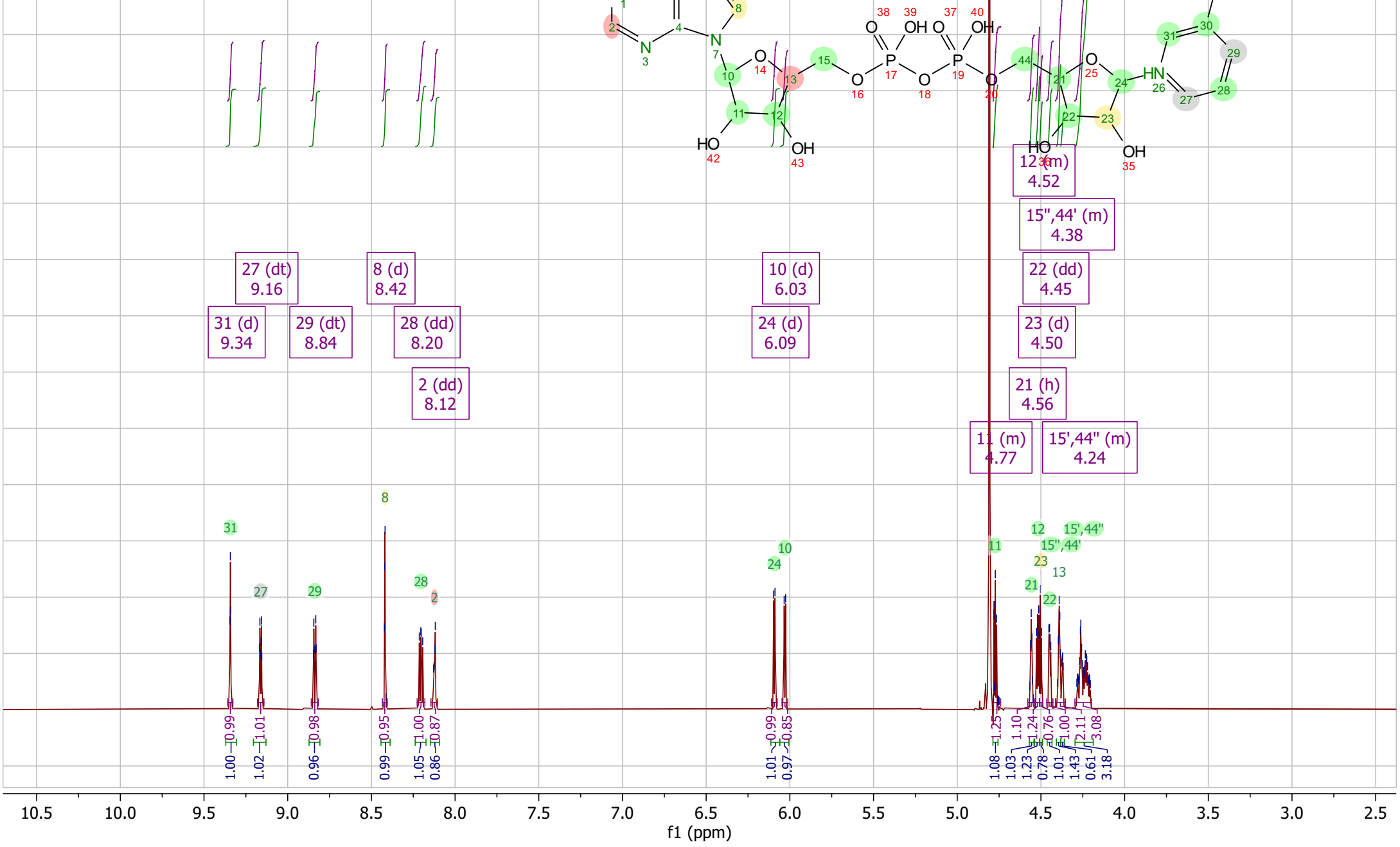
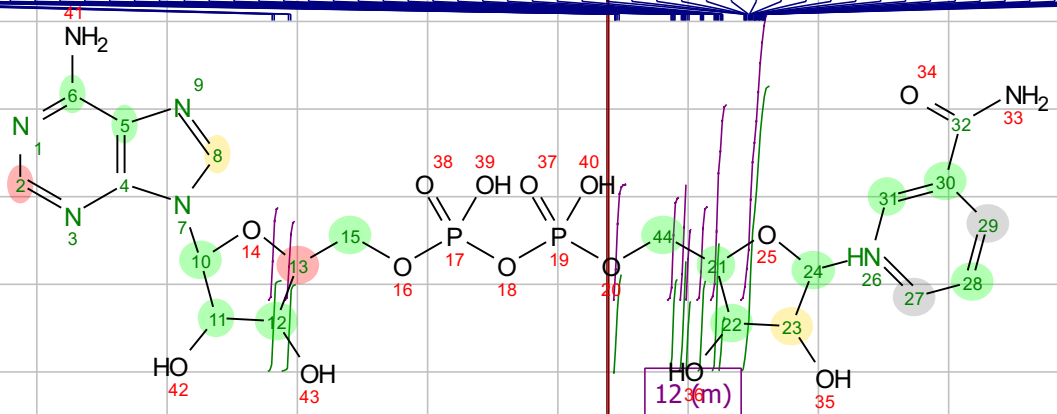
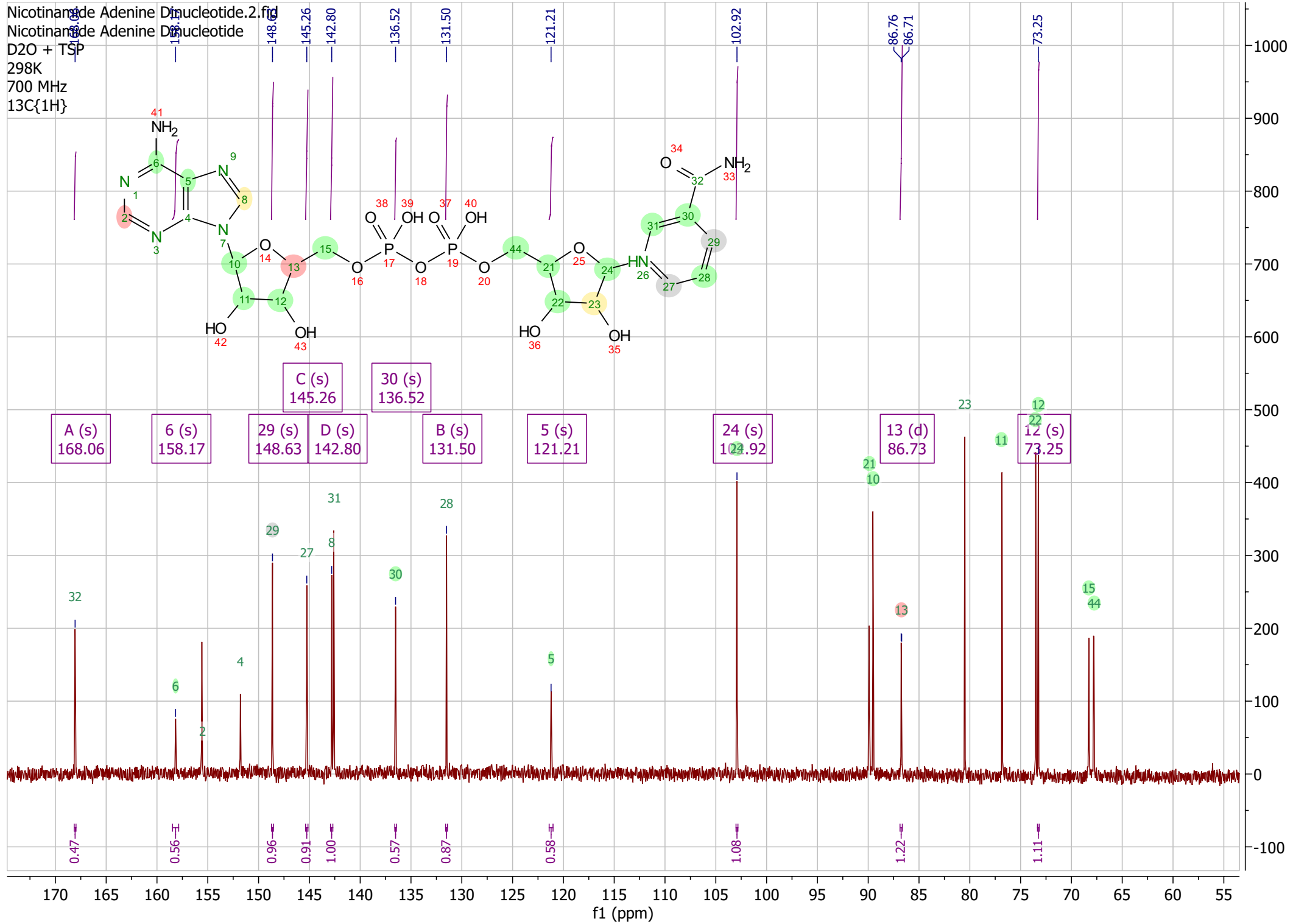
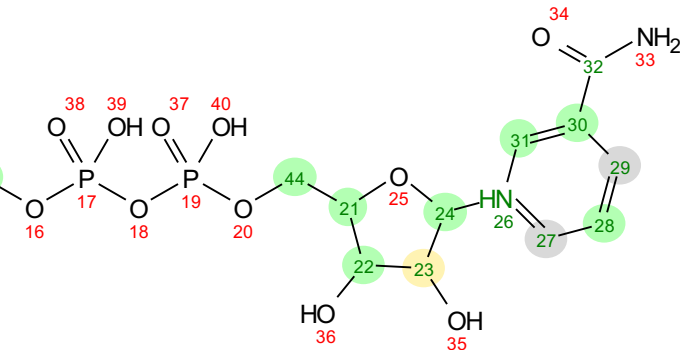
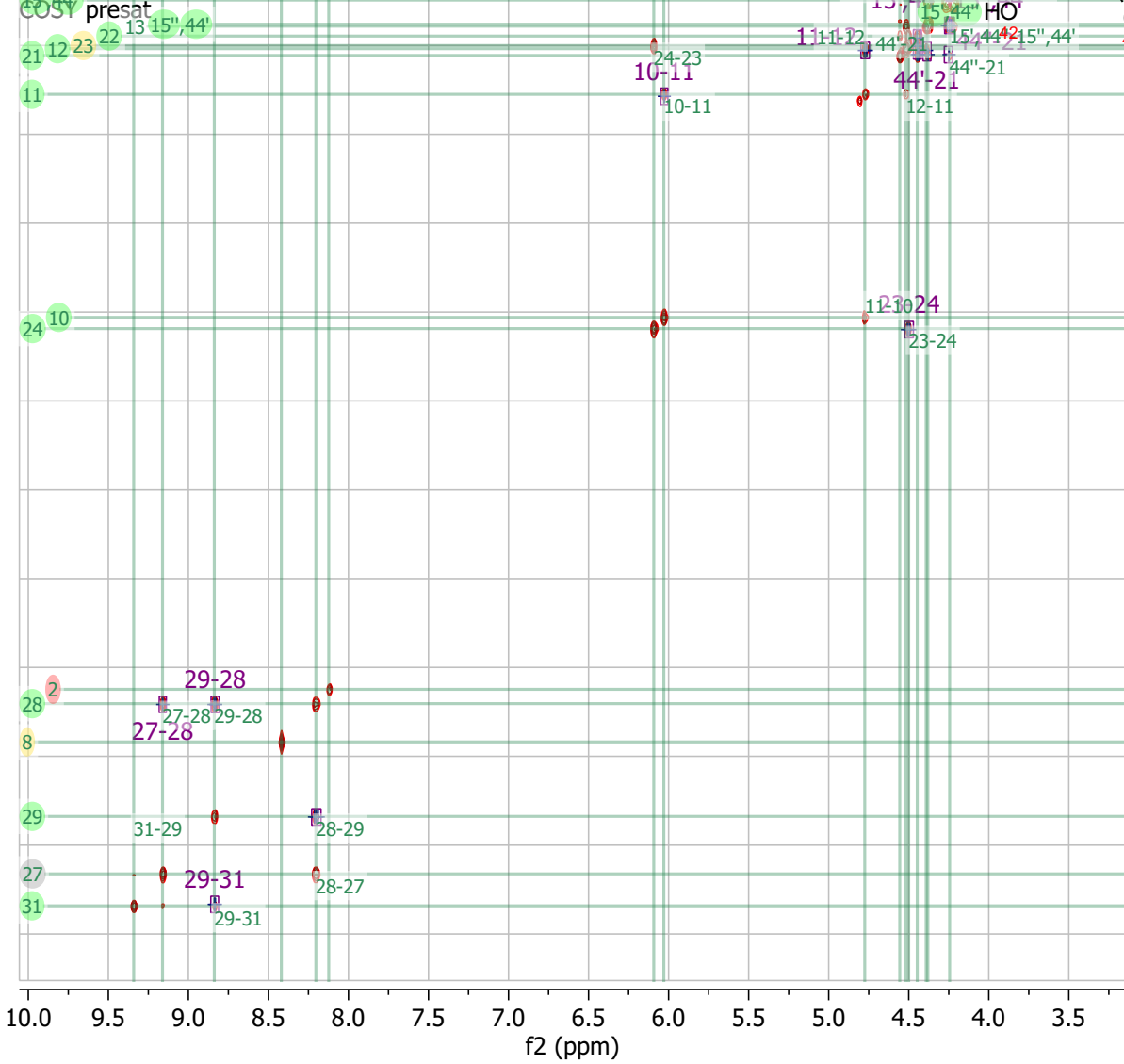


Nicotinamide Adenine Dinucleotide
 D2O + TSP
 298K
 700 MHz
 1H



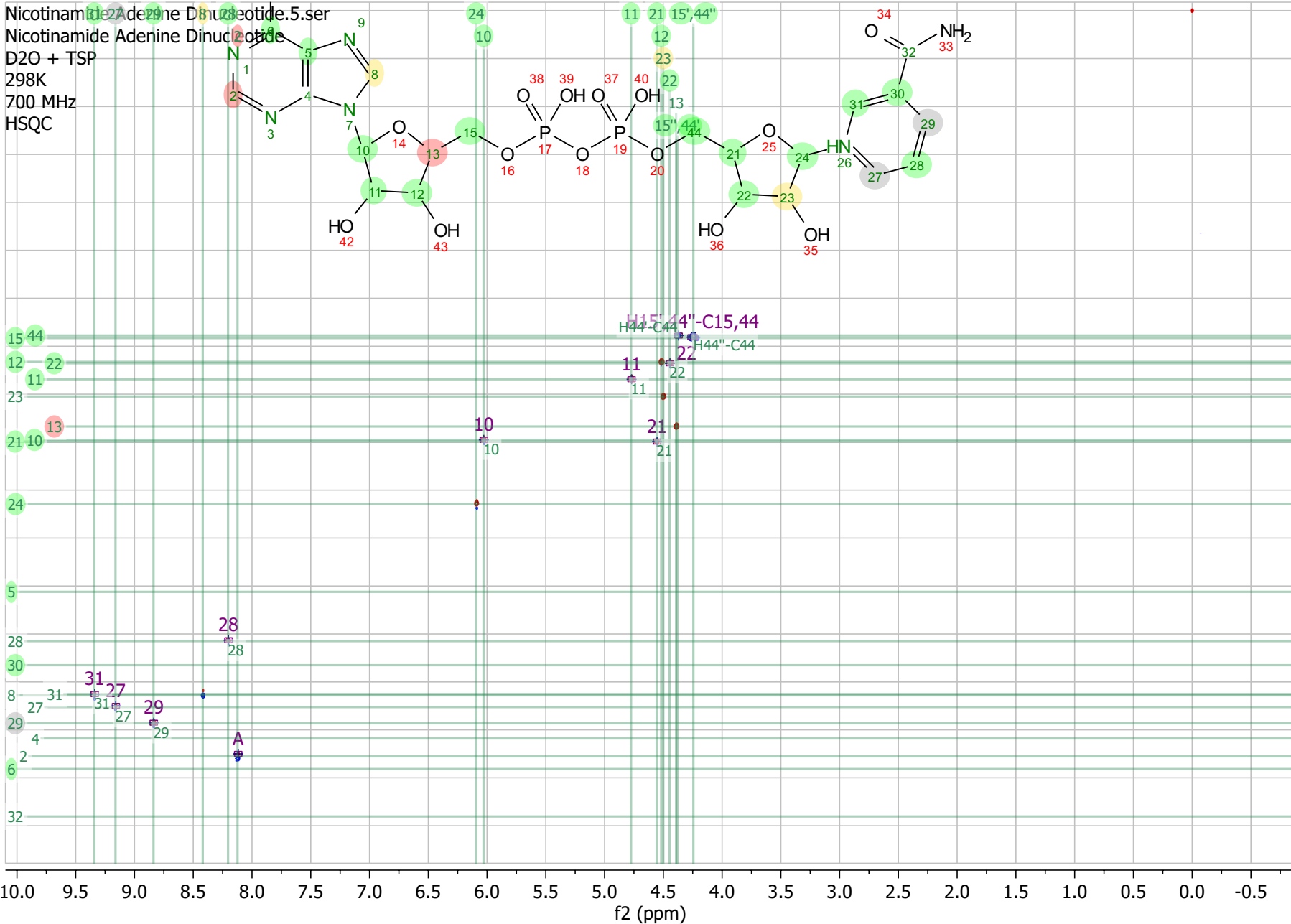
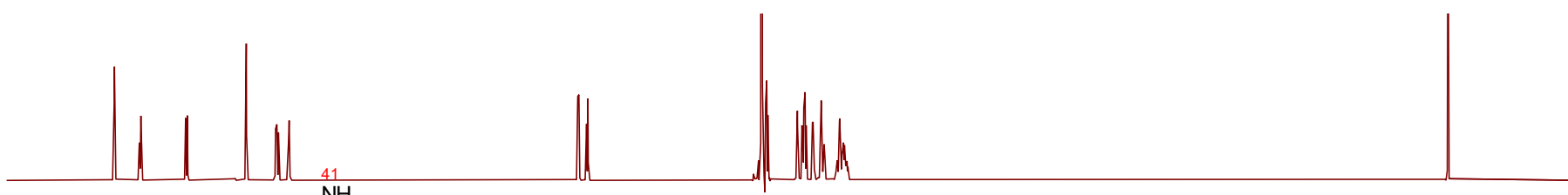


Nicotinamide Adenine Dinucleotide
D2O + TSP
298K
700 MHz
COSY presat



f1 (ppm)

f2 (ppm)

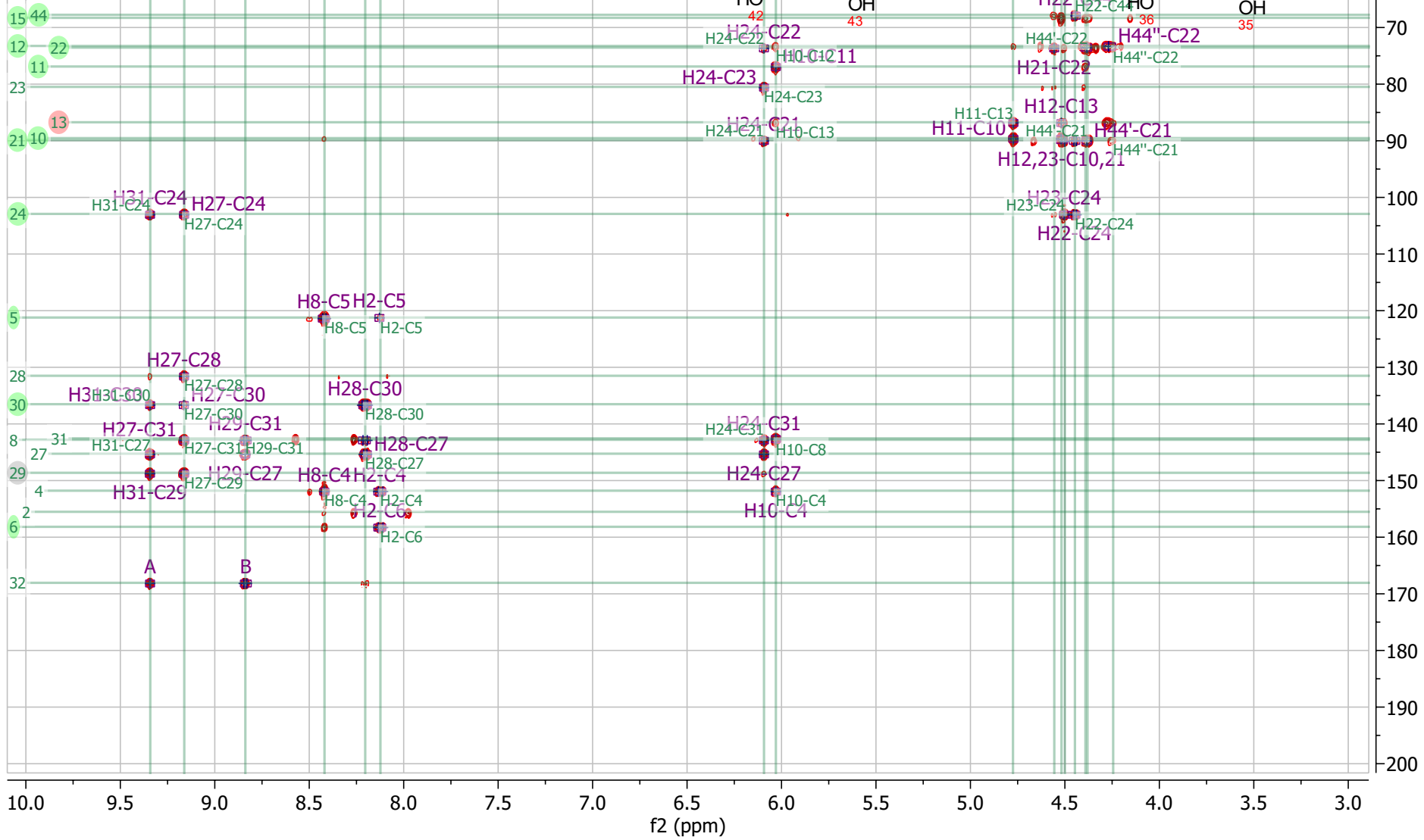


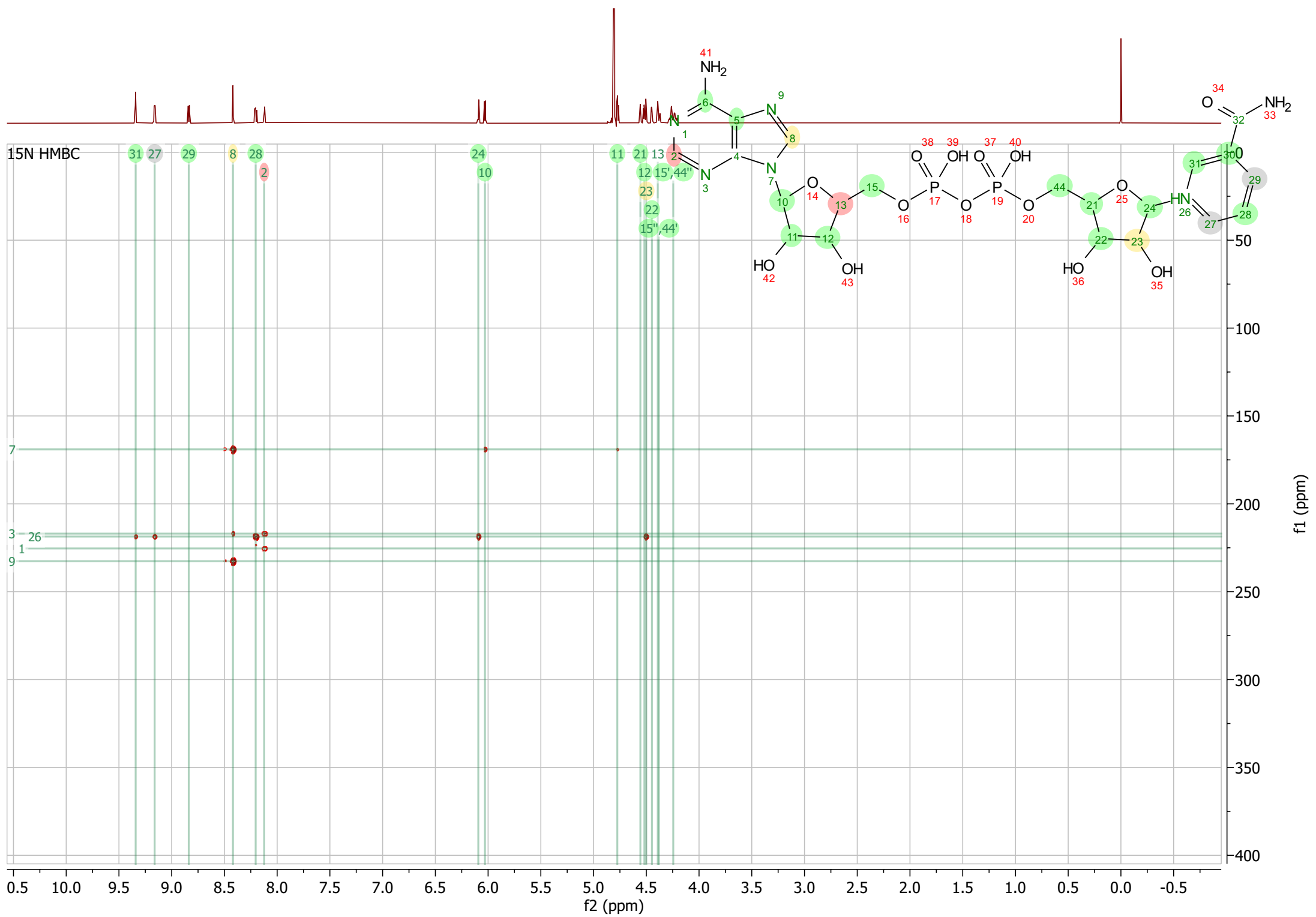
f1 (ppm)

f2 (ppm)

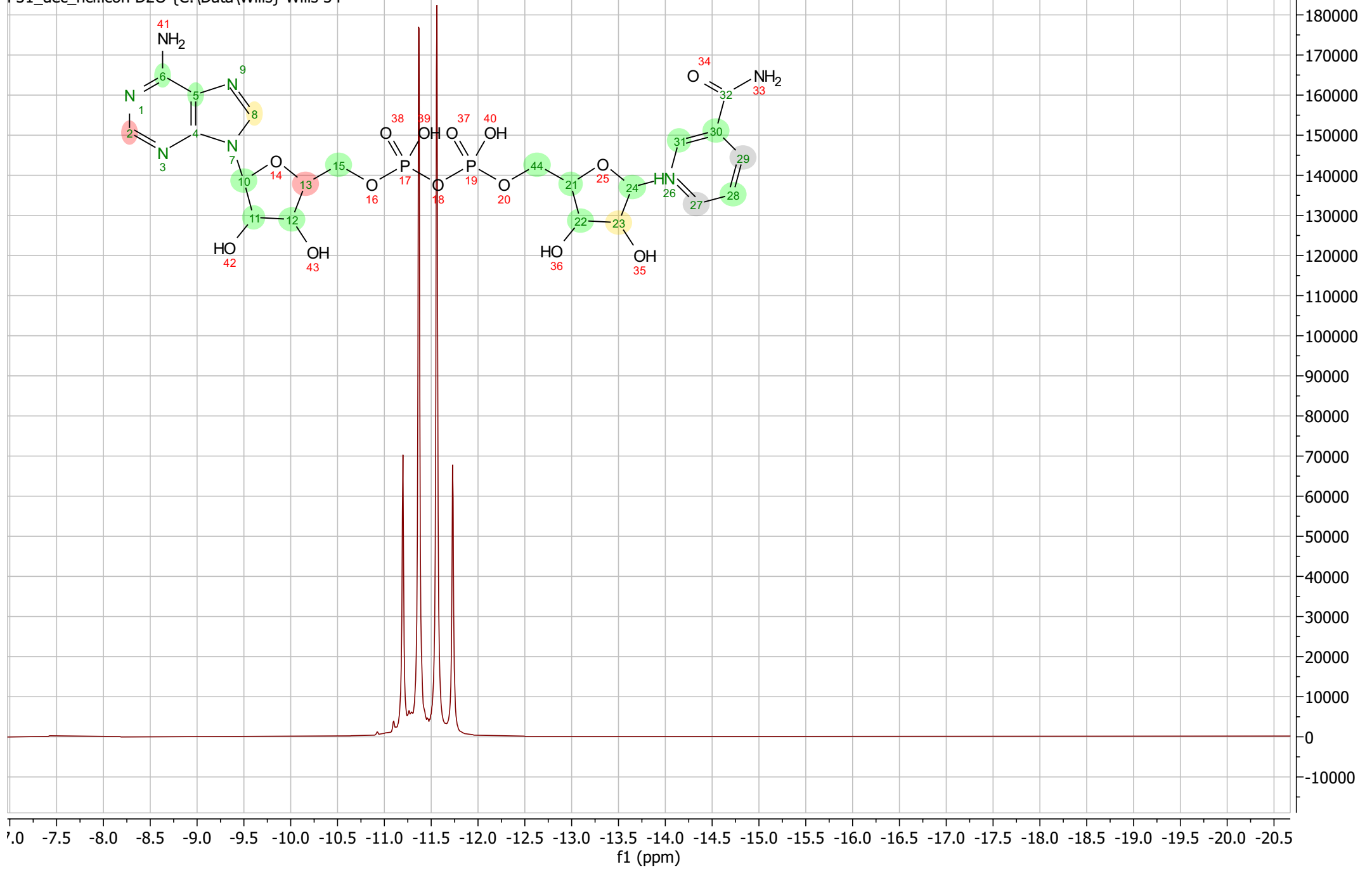
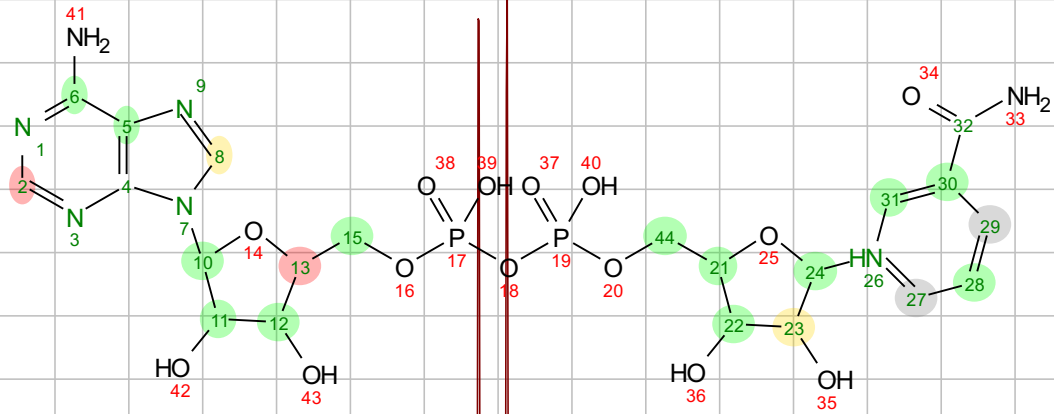
Nicotinamide Adenine Dinucleotide
Nicotinamide Adenine Dinucleotide

D2O + TSP
298K
700 MHz
HMBC

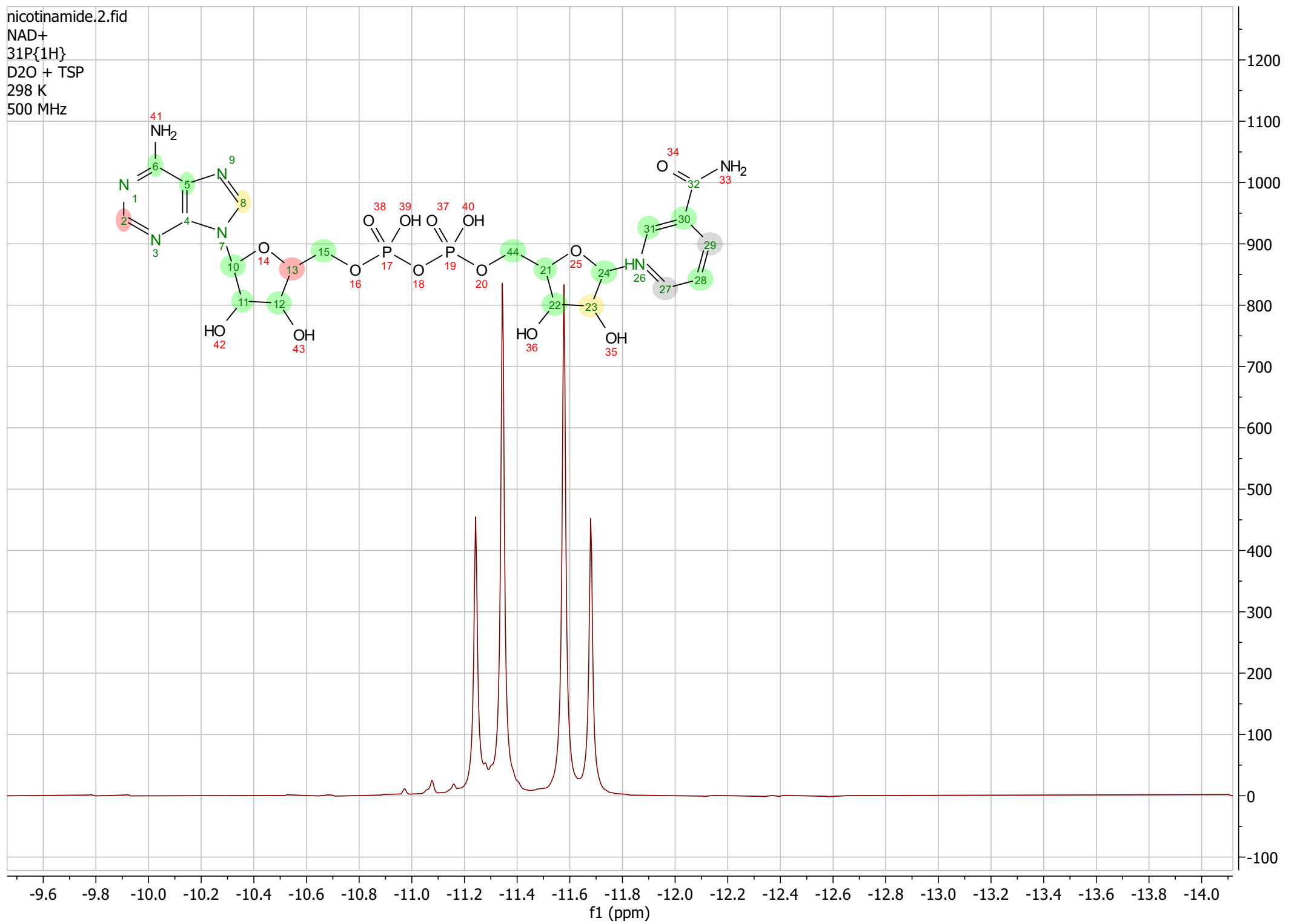
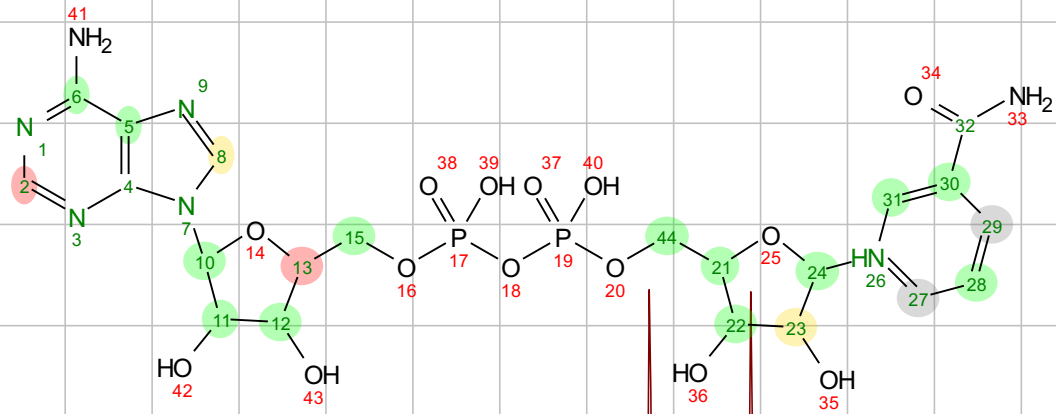




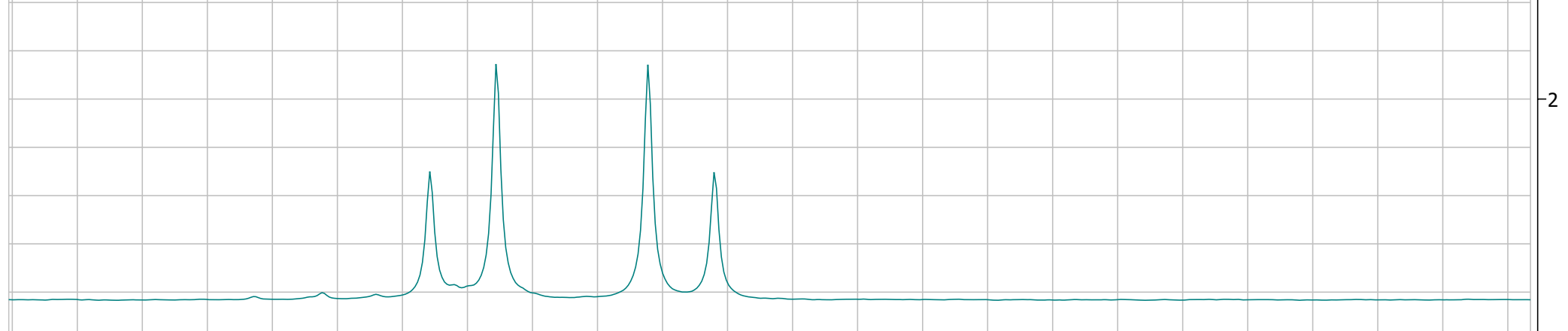
Nicotinamide.1.fid
31P
D2O+TSP
'300' MHz
P31_dec_ncl.icon D2O {C:\Data\Wills} Wills 34



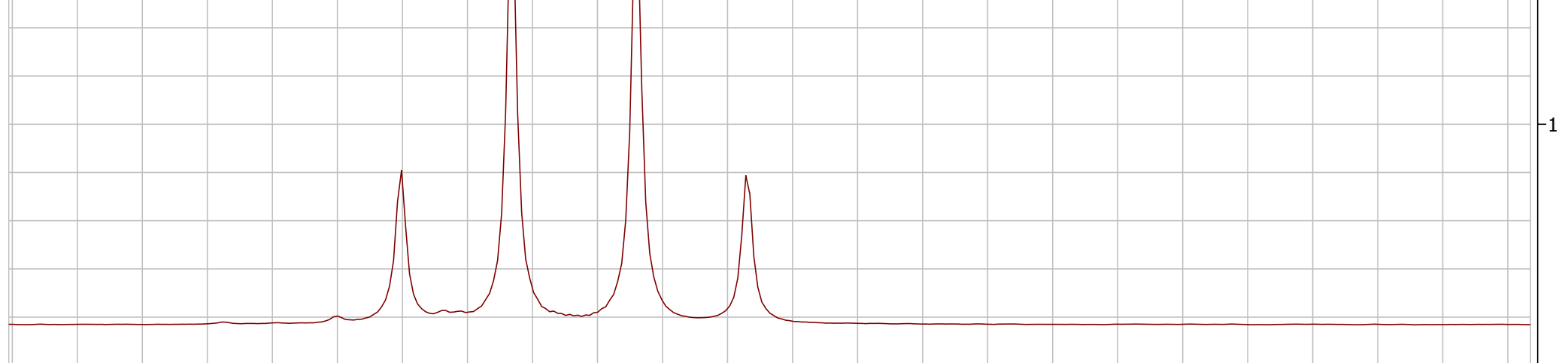
nicotinamide.2.fid
NAD+
31P{1H}
D2O + TSP
298 K
500 MHz



nicotinamide.2.fid
NAD+
31P{1H}
D2O + TSP
298 K
500 MHz 2



Nicotinamide.1.fid
31P
D2O+TSP
'300' MHz
P31_dec_ncl.icon D2O {C:\Data\Wills} Wills 34 1



0.6 -10.7 -10.8 -10.9 -11.0 -11.1 -11.2 -11.3 -11.4 -11.5 -11.6 -11.7 -11.8 -11.9 -12.0 -12.1 -12.2 -12.3 -12.4 -12.5 -12.6 -12.7 -12.8 -12.9
f1 (ppm)

nicotinamide.1.fid

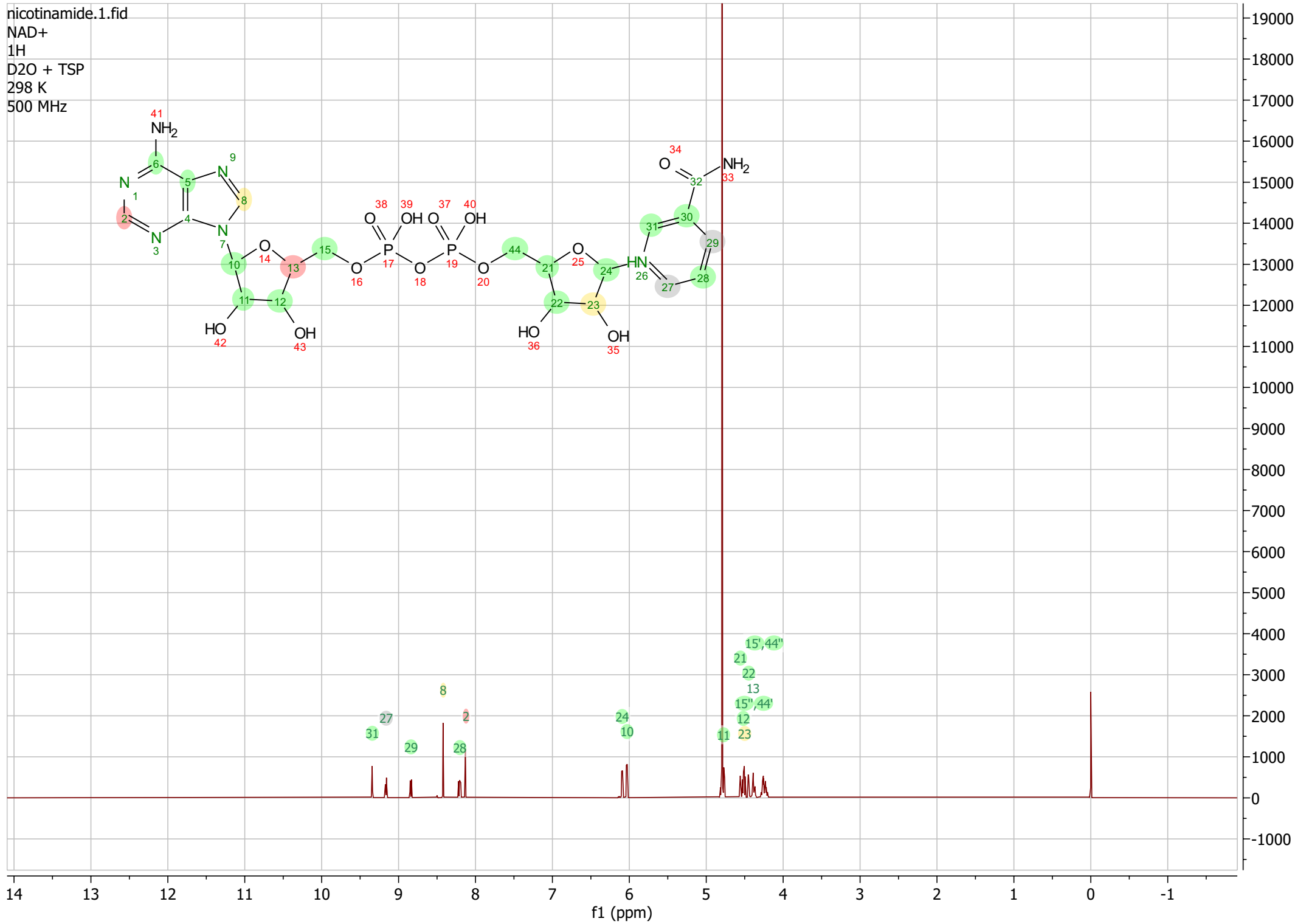
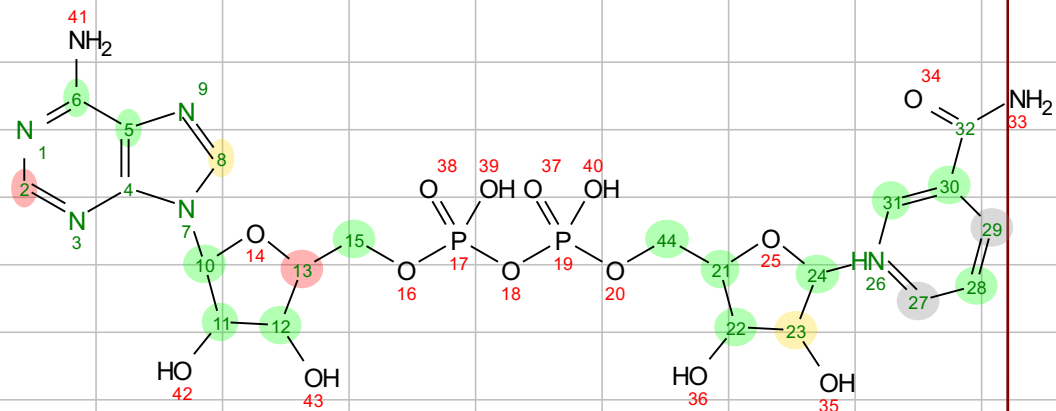
NAD+

1H

D2O + TSP

298 K

500 MHz



nicotinamide.3.fid

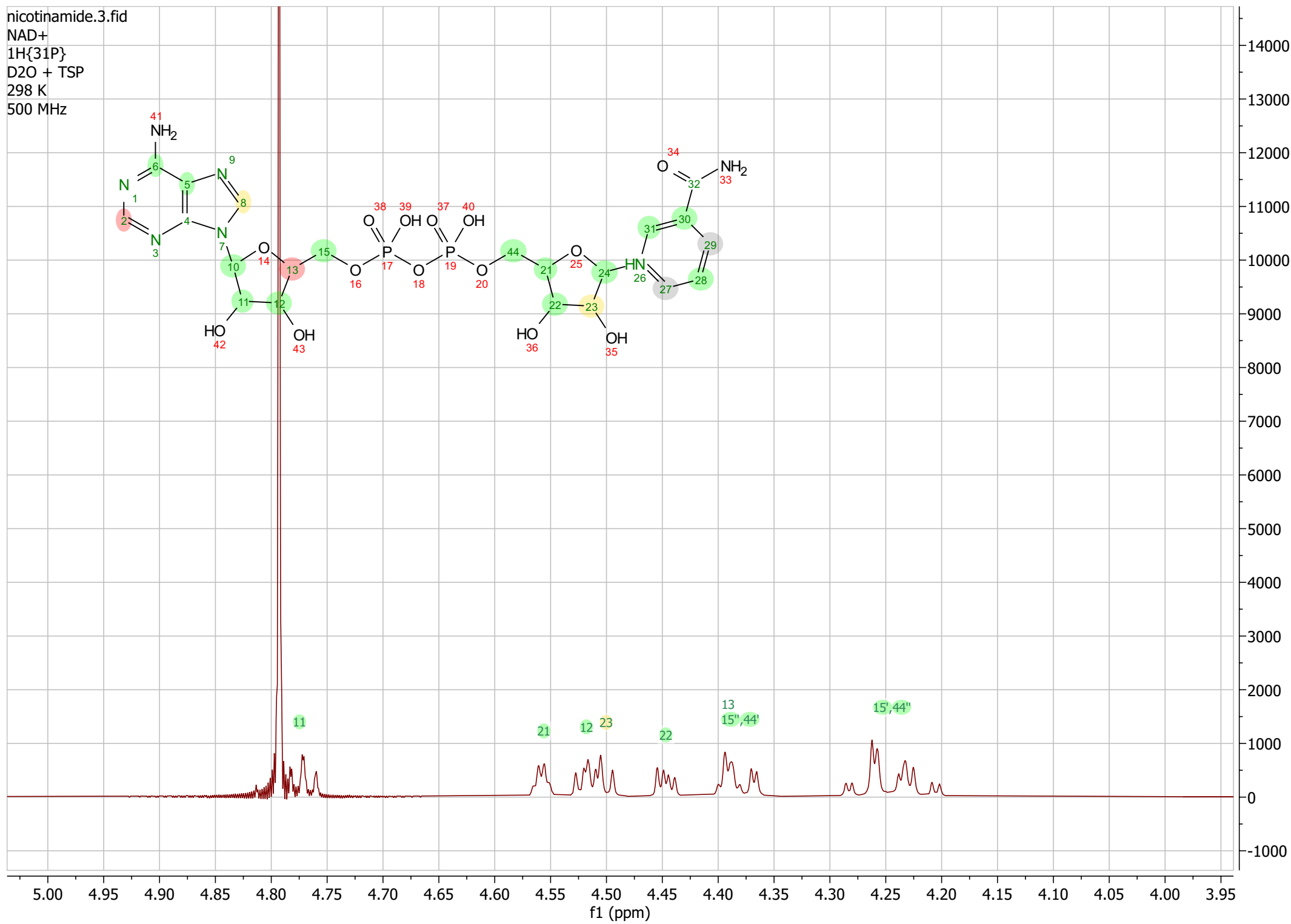
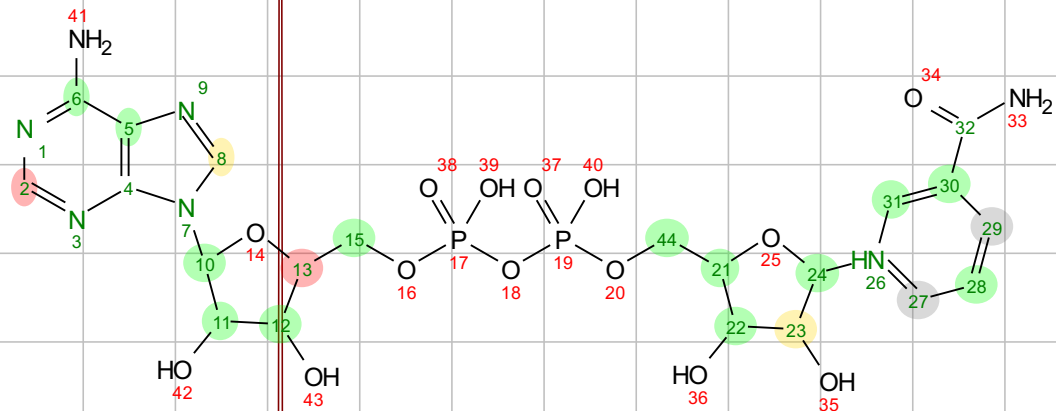
NAD+

$1\text{H}\{31\text{P}\}$

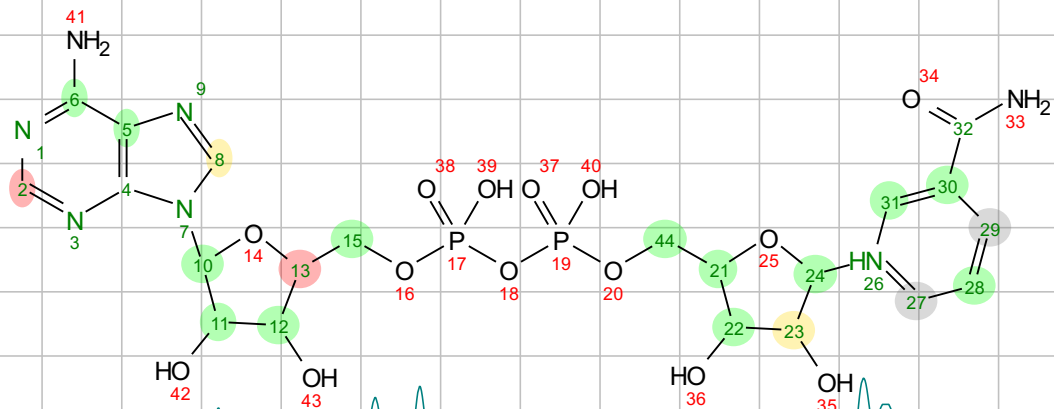
D2O + TSP

298 K

500 MHz

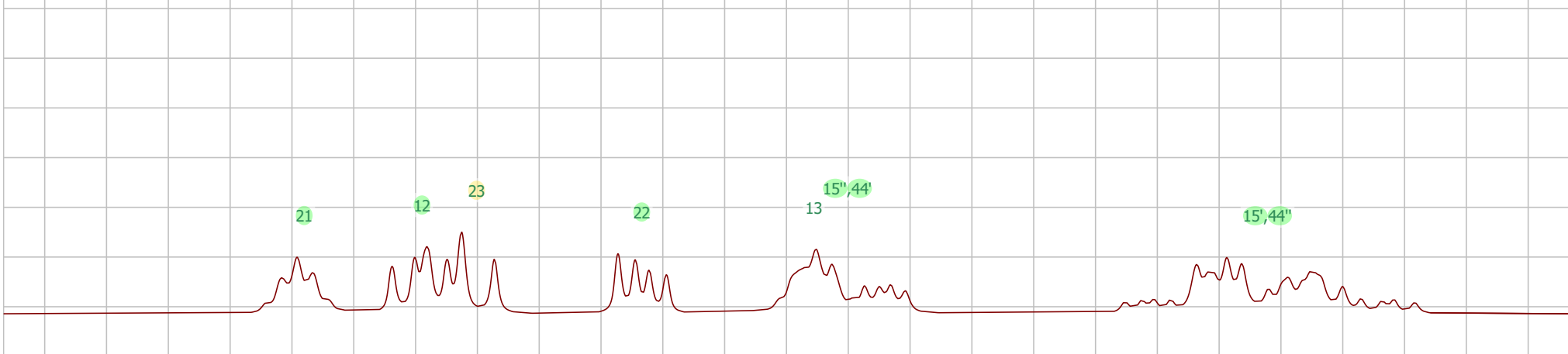


nicotinamide.3.fid
NAD+
1H{31P}
D2O + TSP
298 K
500 MHz 2



2

nicotinamide.1.fid
NAD+
1H
D2O + TSP
298 K
500 MHz 1



1

4.64 4.62 4.60 4.58 4.56 4.54 4.52 4.50 4.48 4.46 4.44 4.42 4.40 4.38 4.36 4.34 4.32 4.30 4.28 4.26 4.24 4.22 4.20 4.18 4.16
f1 (ppm)