

# How to download and use the FIDs from your experimental NMRs

It is possible to download your experimental NMR spectra in electronic form, and process it using ACD processor, just as you do for the Unknowns Exercise. By doing this you can zoom in on areas of interest, and check integrals and coupling constants. You can also include the result in your report rather than just stapling the paper version to your report. Here is how to do this:

1. You will need the four figure reference number from the paper version of the spectrum.
2. Go to <http://nmr-server.chem.ed.ac.uk/NMRservice.html> You need to either be on-campus or use a VPN connection from home to get this page. If you do not know how to set up a VPN then have a look at <http://www.ed.ac.uk/schools-departments/information-services/services/computing/desktop-personal/vpn>
3. Select 3OR from the drop down menu. Password is nmr
4. Find your entry using your four figure reference number.
5. Click on the entry in the sample column. Save the folder somewhere handy.
6. Unzip the folder. Inside the folder navigate down the layers until you get to a file called fid.
7. Import or drag it into ACD processor. You can then manipulate your data in the same way as for the unknowns.