

Quick steps to a simple 1H 1d

open experiments > standard 1D experiments > proton

Start>Standard Sample name, Solvent, **Autolock**, **Gradient Autoshim**
(May need to restart spinner: Start > Spin/Temp **Regulate Speed**).

Acquire>acquisition Spectral width 6000, Acquisition time 2.5 sec, 1 scan, no steady states, Relaxation delay 1 sec, Observe pulse 7, Autogain, **Show Time**, **Display Sequence**, **Acquire**.

Move cursors to span spectrum.

Acquire>acquisition Full Display, **MoveSW**, **Acquire**

Process>Display Cursor near TMS, Reference cursor to **0.00** ; **Nearest Line**, Reference **by Cursor** .

Activate and place threshold, **Find Peaks**

Process>Integration Reactivate tools, Show integrals, **Clear Integrals**, **Interactive Resets**, LeftMouse (LM)click to the left and then to the right of each peak (RightMouse to remove resets).

Process>Display **BC Correct**

Process>Integration Cursor on best-guess one-proton line, Normalize to **(•)** Single Peak, Integral Area to **1.00** **Set Integral Value**, **Show Integral Values**.

Process>Plot Send this plot to **HP2800_pl** **Auto Plot Preview** . In window under File>Save a copy Modify contents of "Save As" box to the path and filename you want: Eg. /home/username/myplot.pdf A pdf file is saved, which you can move to a thumb drive. Close plotview windows.

Save file via diskette icon in File Name box provide file name Eg. H1d_sample_date