

## HOW TO USE THE ICON NMR AUTOMATION

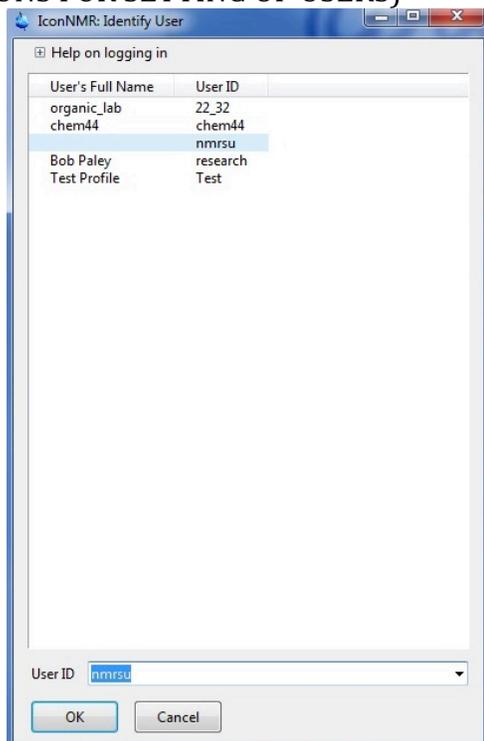
- 1) TYPE "ICONNMR" INTO THE COMMANDS FIELD OF THE TOPSPIN SOFTWARE



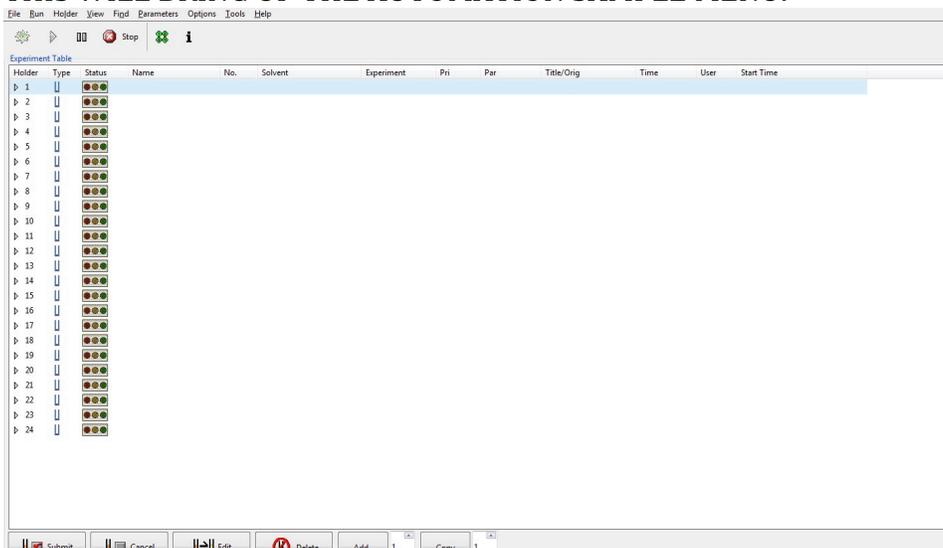
- 2) A POP-UP WINDOW WILL SHOW UP AND SELECT "AUTOMATION".



- 3) SELECT A USER FROM THE MENU. EACH USER CAN BE CONFIGURED WITH PARTICULAR PARAMETERS AND EXPERIMENTS TO CHOOSE FROM FOR THAT USER. IF NO USER EXISTS GO TO "CONFIGURATION" (SEE SEPARATE INSTRUCTIONS FOR SETTING UP USERS)



4) THIS WILL BRING UP THE AUTOMATION SAMPLE MENU.



5) CLICK ON THE "HOLDER" OF YOUR CHOICE AND CLICK "ADD" FROM BUTTON BAR AT THE BOTTOM OF THE SCREEN



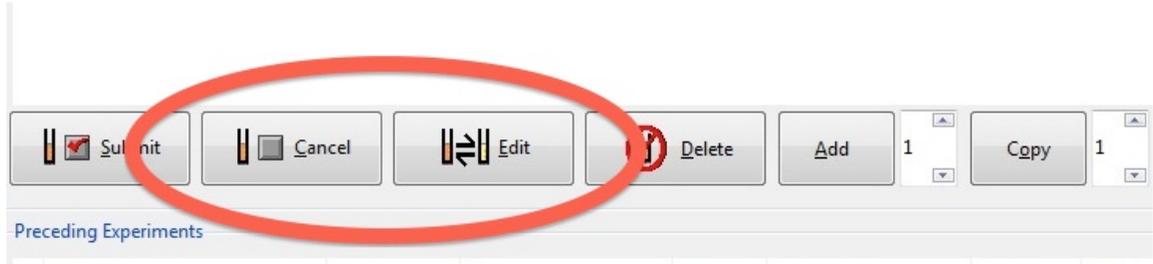
6) ENTER THE INFORMATION FOR EACH ENTRY USING THE "ICONNMR QUICK REFERENCE GUIDE" INCLUDING THE SOLVENT, EXPERIMENT, ETC.

7) TO ADD AN ADDITIONAL EXPERIMENT TO THE SAME SAMPLE CLICK THE "ADD" BUTTON ON THE BOTTOM BUTTON BAR.

8) ONCE FINISHED CLICK THE "SUBMIT" BUTTON AT THE BOTTOM BUTTON BAR. ONCE CLICKED ALL THE EDITABLE BOXES ARE SUBSTITUTED WITH FIXED TEXT ELEMENTS. IT WILL ALSO DISPLAY THE APPROXIMATE TIME FOR THAT SAMPLE TO RUN.

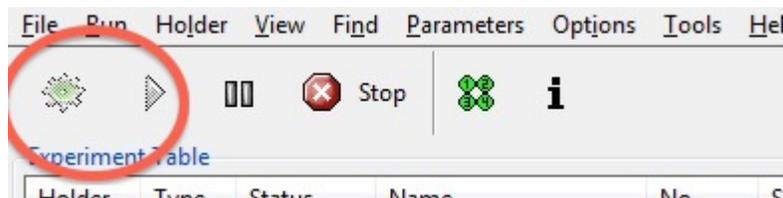


- 9) IF A SAMPLE NEEDS EDITING CLICK ON THE SAMPLE, CLICK “CANCEL” TO REMOVE THE SELECTED EXPERIMENT OR CLICK “EDIT” BUTTON TO CHANGE THE SAMPLE INFORMATION.



- 10) THE “COPY” BUTTON WILL COPY THE SELECTED SAMPLE TO REPLICATE THOSE PARAMETERS FOR A DIFFERENT SAMPLE.

- 11) ONCE THE SEQUENCE IS COMPLETE CLICK THE “START” BUTTON (COGGED WHEEL) AT THE TOP LEFT OF THE SCREEN TO BEGIN THE AUTOMATION.



- 12) ONCE THE SAMPLE IS FINISHED RUNNING IT WILL APPEAR IN THE “PRECEDING EXPERIMENTS” WINDOW AT THE BOTTOM OF THE SCREEN