

## Quick Start Agilent 8453 UV-vis Spectrometer:

1. Turn on the computer and monitor
2. Login to Agilent 8453 account with password bi019
3. Turn on the spectrometer
4. Wait until the spectrometer has started to make some clicking noises.
5. Start the ChemStation software. (If you did not wait long enough the software will not locate the spectrometer and you will get a power failure error. Quit the software and restart it).
6. Turn on the visible lamp by clicking the visible lamp icon if you only want wavelength between 350 to 900 nm.
7. Turn on the UV lamp if you want wavelengths from 200 to 350 nm
8. Turn on both lamps if you want wavelengths from 200 to 900 nm.
9. Wait 15 minutes for lamps to stabilize for best performance.
10. Place your cuvette with solvent in the spectrometer and collect a blank spectrum
11. Place your cuvette with sample in the spectrometer and collect a sample spectrum.
12. Note if you are in the UV region the cuvette must be a UV cuvette and if the sample and blank are run in different cuvette they must be matched or the difference must be correct.
13. When done turn off the spectrometer
14. Shut down the computer and turn off the monitor.