Initial Setup – The Settings tab and Masters tab

Set to your working folder

Update the location to match your observing location.
For processing follow tabs 1 to 5 in order

Note you must do this once to get your response calculation using your reference star. Then you can repeat tabs 1 to 5 with each your target stars.

You need to repopulate the calibration (argon neon image) each time as ISIS blanks it out.

For your first run through ISIS the response should be left blank. You create your response correction with your first run through tabs 1 to 5. Then go back and add it to tab 2.
You use this screen to calculate your tilt, smile and the reference pixel from the calibration lamp. You use your star image for the tilt, and argon neon image (calibration image) for your smile. For a single observing session you often only need to set this once, i.e. if you don’t touch the spectrograph.

Just press GO on tab 4. Then click Display Profile.
On your first run you must calculate your instrument and atmospheric response correction.

For subsequent images you just need to check that your profile looks sensible, i.e. wavelength calibration looks good and continuum is roughly as expected.

I point out the key buttons for the response correction but I don’t go into detail as Christian does this far better than me in his tutorials!