NanoAcquity Reboot

If for some reason the nanoAcquity errors out (e.g. system overpressure, or missing vial etc) you have to follow the following reboot sequence to recover (usually in Xcalibur is shows "server error" for the nanoAquity):

1. Open Instrument Configuration, remove the nanoAcquity and hit Done
2. Reboot PC and log in
3. Cycle Power on the nanoAcquity, wait for it to completely start up
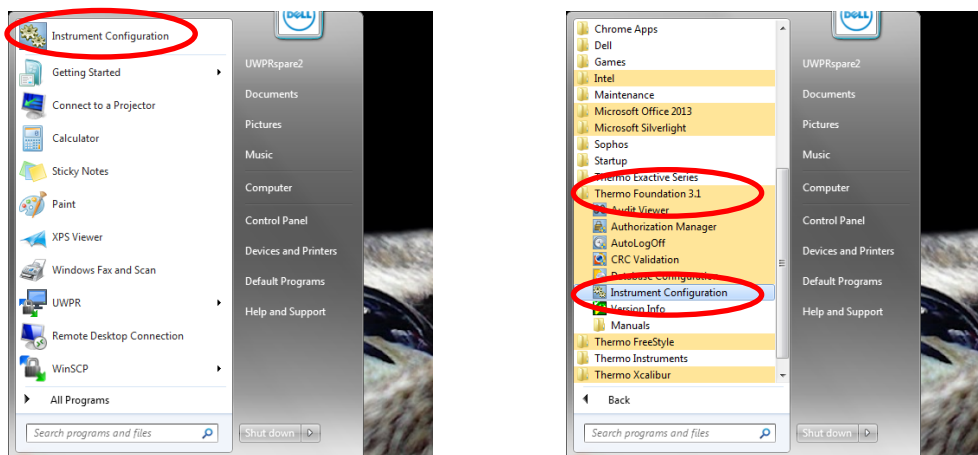4. Open Instrument Configuration, add the nanoAcquity and hit Done

The two main issues we see is that the nanoAcquity will either not do trapping at all, i.e. it will inject the sample and then immediately start the acquisition. Or it will trap using the last trapping method used before it had the error, i.e. if you use a method with a different trapping time it will not use the new trapping time, but continue to use the previous time. If you notice either one of those, follow the reboot sequence above.

Note I have two methods very short 1 min acquisitions one with a 30 sec trapping and one with a 1 min trapping. I run those to check if the nano is performing as it should, and/or inject a QC.
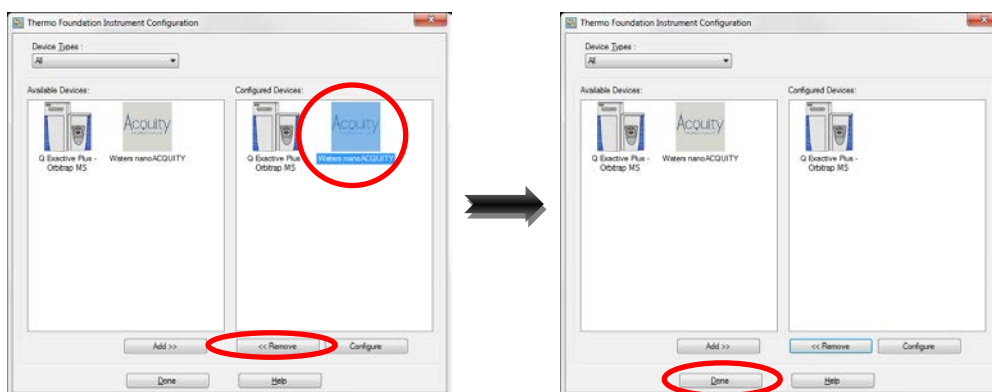
Scroll down to the next page for more detailed instructions with screenshots.

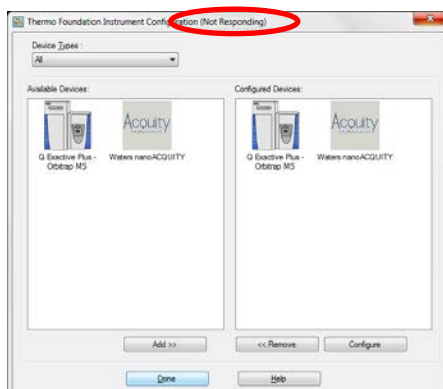## *Detailed nanoAcquity reboot Procedure:*

1. Close Xcalibur, the Waters console and Tune
2. Open Instrument configuration:
   Hit start (it should be pinned to the start menu)
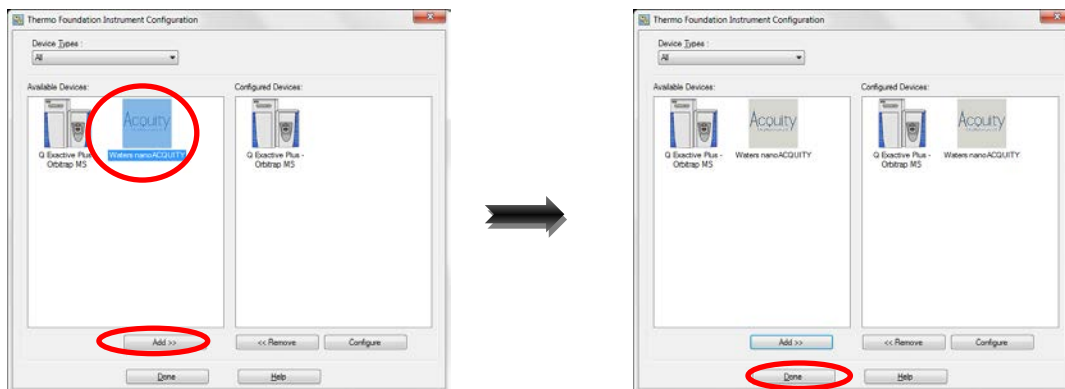   If not hit all programs/ThermoFoundation/Instrument Configuration

3. Wait for it to open (it takes about a minute), if it does not open for several minutes, reboot the pc and try opening it again.
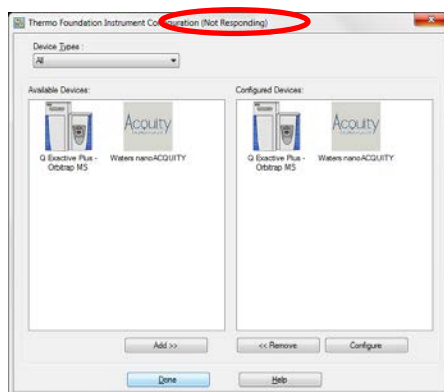4. Once it opens click on the nanoAcquity on the right side and hit   << Remove:

5. Hit "Done" and wait for it to close (about 1 min), it may say (Not Responding), just ignore that and wait until it closes

6. Reboot the PC (hit the start and select restart)
7. Once the PC restarted log in
8. Cycle power on the nanoAcquity, both the AS and pump:
    1. Hit the power button Sample Manager first, then the Binary Solvent Manager, count to five
    2. Then hit the power button again on the Sample Manager first, then the Binary Solvent Manager to turn them back on.
    3. Wait for the nanoAcquity to completely start up (solid green light)
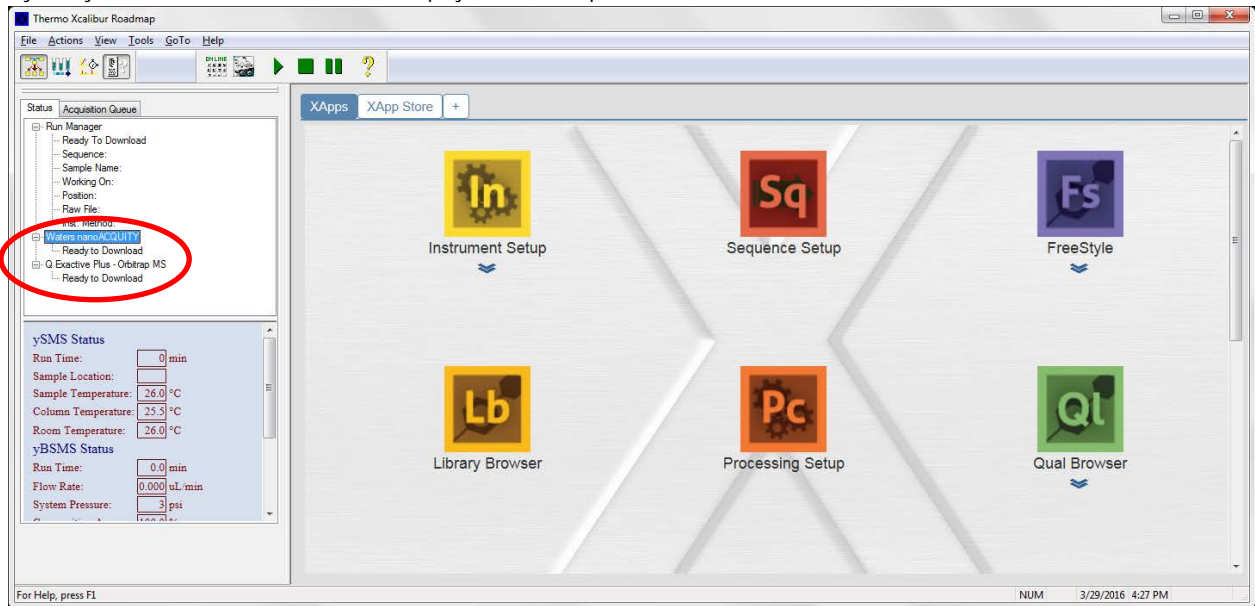9. Open Instrument Configuration again, select the nanoAcquity and hit Add >>:

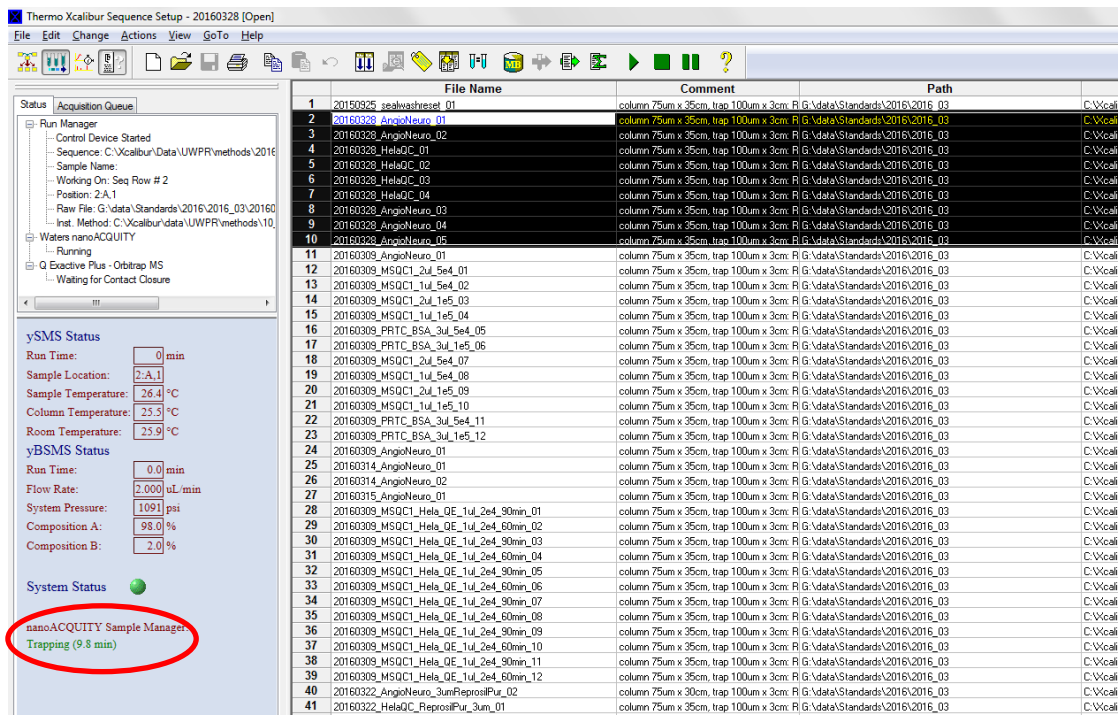10. Hit Done, it may say (Not Responding), just ignore that and wait until it closes:

11. Once it closes wait about 1 min, then open the Waters console and Tune and wait for them to open
12. Now open Xcalibur

It should say ready to Download for both the nanoAcquity and the QE plus:

It should work properly now, but to make sure watch the first injection and make sure it is trapping properly.

If not repeat this procedure.