UVVIS 18/02/2025

Start: 14:35
End:

again, everything is prepared (same samples as FTIR)
"Prepare the equipment" → went smoothly
"Prepare the measurements" → callibrated it, went smooth
expected to be bellow 10^{-3}
↳ it was ~10^{-4} so all good
"Run the experiment"
Sample 4: put on the top, distilled water at the bottom.
"Sample 2329" was the sample from now on, same naming convention as FTIR
Sample B: we found a flow: cleaning / inserting / preparing / repeat.
The curves are totally different now!

as expected after FTIR, we can now make better distinctions. The files for ~~analysis~~ analysis are stored on my netID.

Sample C: In the computer program, the naming is "counting backwards" so the starting ~~st~~ sample is now 4, while C is now 1. As long as the naming convention stays consistent!

Sample D: going good

Sample E: funny curve!

Sample F: again, totally different curve

Sample G: nothing special

Sample ~~NaBr~~: had an interesting curve Enceladus in FTIR, but in UVVIS it looks like ~~other samples~~ sample F

Sample NaBr: first salt, you can see that the curve isn't as smooth anymore

Sample NaCl: Not the same as NaBr, it has a flat start, and only a few peaks at the start.

assumption: TA told us that some residual water in the samples would not affect the measurements much

NOTE: we flipped the "top" and "bottom" samples so we will have to do some post-processing so order and axis are "flipped" the UVVIS .csv files are called the same but with ".Sample" in the name