

5 Bug Fixes

5.1 Bug Fixes in TopSpin

The following topics describe the major fixes which come with TopSpin 4.3.0 :

- **SKB-401:** Datasets generated by IconNMR are now automatically added to the TopSpin data browser.
- **TOPS-5728:** The data browser is now updated more consistently when the data is updated for example by AU programs. Also updates to the dataset titles are now reflected in the data browser.
- **TOPS-5711:** Fixes a problem that the spectrum display of procno 999 is not automatically updated during a paropt run.
- **TOPS-5697:** The spectrometer network configuration under Linux now uses NetworkManager's new keyfile format, replacing the deprecated ifcfg format.
- **TOPS-5619:** Fixes a problem that cortab fails for 50W amplifiers if the transmitter wiring is longer than 10 meters.
- **TOPS-5597:** Fixed a bug that users cannot use ":" in solvent names.
- **TOPS-5586:** nmrsave now also saves/restores user defined pulseassign files.
- **TOPS-5522:** Fixes a problem that the melting point of THF was erroneously assumed to be 379K instead of 167K leading to a VTU error message when trying to set a temperature for this solvent.
- **TOPS-5503:** Calling `atma` with wrong arguments now shows the correct help dialog.
- **TOPS-5442:** Corrected saving of summed spectra which might result in a falsely scaled view.
- **TOPS-5274:** Avoid the command `teready` to run forever if the VTU target temperature is changed during the command's runtime.
- **TOPS-5180:** The commands `#addphase` and `#setphase` are deprecated, not further used and have thus been removed from the Pulse program syntax.
- **TOPS-5535:** Members of group `NmrUser` can modify critical files like `confnmradminpassword`.
- **TOPS-5724:** Let commands `apkm` and `apk2d` verify the Checksum to potentially report an unknown data manipulation.
- **TOPS-5516:** Fixed a rare bug where 2D processing commands generate a wrong Checksum.
- **TOPS-5538:** Allow the list all source directories to exceed 256 characters.
- **TOPS-5720:** From TS 4.2.1 on, Wavemaker generated files will be saved into the data set folder (as before) but with the following File extension to avoid confusion with already existing, possibly equally named, files in `<TSHOME>/exp/stan/nmr/`

```
.wv -> .wvm
.gp -> .gpwvm
.sp -> .spwvm
.cpd -> .cpdwvm
```

Thus, a confusion of two identically named files but with distinct desired behavior, is excluded.
- **TOPS-5942:** Fixed: AU macros `GDCHECK` and `GDCHECK_RAW` do nothing.

- **TOPS-5758:** Use new default parameters to speed up the procedure and usage of prosol parameters to account for different probes.
- **TOPS-5970:** Fix: "No Spectrometer found" during installation.

5.2 Bug Fixes in IconNMR

The following topics describe the major fixes which come with IconNMR:

- **ICON-169:** Setting the experiment start time with the keyboard in the automation window is now possible again.
- **ICON-170:** It is now possible to use OAuth2 authentication for sending emails in a Microsoft environment. If you want to use this, please contact the Bruker NMR support for detailed instructions.
- **ICON-194:** For the webserver of IconNMR, only the ports 8015 and 8016 are configured in the firewall. Other ports have to be explicitly enabled by hand.