“Collection” in CP4 group together experiments that are regularly run on the spectrometer to make their submission simpler. One example provided in CP4 is H1COSYQCBC, which allows the setup, with a single mouse click, of PROTON, gCOSY and HSQCAD during the day and gHMBCAD during the night.

- The collections can be created/edited as the users finds them necessary
- CP4 provides 6 examples of Collections
- Collections can be viewed/created/edited via MainMenu=>Tools
- Can be used when building a study or when setting up an experiment in foreground Vnmr
- Example: H1COSYQC, which sets up H1COSY and HSQCAD for the day
- Collections can include other Collections as its elements. In this example (H1COSYQC), H1COSY is another Collection with PROTON, and gCOSY as elements.
- The elements can, by default, be targeted to go into the short/day and/or long/night. [eg: H1COSYQCBC].
- Available in the Experiment selection panels during study generation.
- When building study, the selection automatically breaks down into its individual components (For H1COSYQC, 3 nodes [PROTON/gCOSY/HSQCAD] are added to study)
- Once selected in a study, the individual components can be customized in the usual fashion
- A generic macro is associated with each collection.
- Collections can be run from the command line.
- Collections are available in MainMenu=>Experiments menu under ChemPack Collection Exp… submenu.
- No parameter set is associated with collection.
Collections

Collections are available in MainMenu=>Experiments

Review, create, edit composites and collections from MainMenu=>Tools menu
Collections

Review/Create/Edit User Collections
Review System Collections
Collections

Create new Collection.
Automatically added to the Startq/Submitq panels
Automatically added to the ChemPackCollectionExpts submenu