6.1.7 Processing

1. Click on the ‘Process’ tab in the TopSpin Menu bar

Figure 6.12

NOTE: The steps below will guide you through a manually phase correct a phase sensitive 2-D spectrum.

2. In the command line type `rser 1` (read in the first increment)
3. In the command line type `qsin` (executing the window function)
4. In the command line type `ft`
5. Click on
6. Adjust the phase manually

NOTE: The spectrum will have positive and negative peaks showing the CH and CH3 as positive where the CH2 will be negative. To assure the right phase, correct the Aromatic peaks (7 - 9 ppm) positive.

Figure 6.13

7. Click on to store the 2-D phase values
8. Click on
NOTE: The spectrum will go back to the unphased view since the phase correction values were stored only for the 2-D spectrum.

9. Click on (going back to the 2-D spectrum display)

10. Type \texttt{xfb} (fourier transform the 2-D spectrum)

11. Click on \texttt{Adjust Phase}

12. Select the peak at \texttt{7.7ppm/130.9ppm}

13. Click the left mouse button

14. Select ‘Add’

15. Repeat steps 13 and 14 for the peaks at \texttt{4.8ppm / 73.2ppm} and \texttt{0.76ppm / 16.8ppm}
17. Click on

18. Adjust the phase using the 0 and 1 buttons
19. Click on

20. Click on

21. Adjust the phase if necessary using the 0 and 1 buttons

22. Click on
23. Click on Figure 6.20