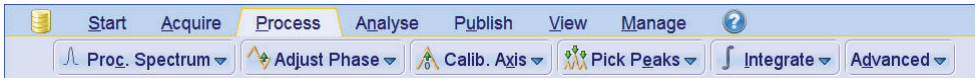
6.1.7 Processing

1. Click on the '**Process**' tab in the TopSpin Menu bar

Figure 6.12



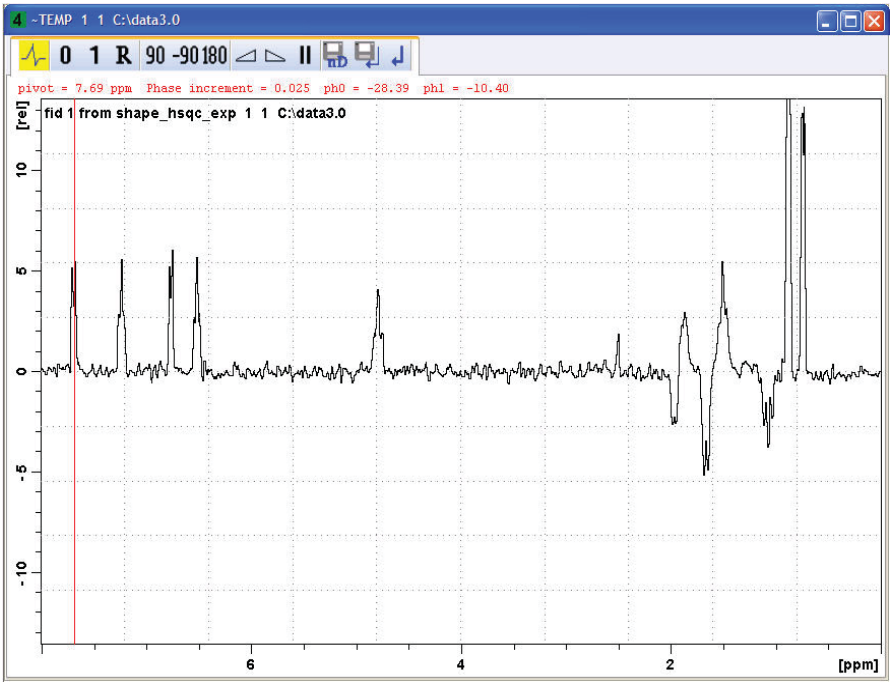
NOTE: The steps below will guide you through a manually phase correct a phase sensitive 2-D spectrum.

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 where stored only for the 2-D spectrum.

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

10. Type **xfb** (fourier transform the 2-D spectrum)

11. Click on 

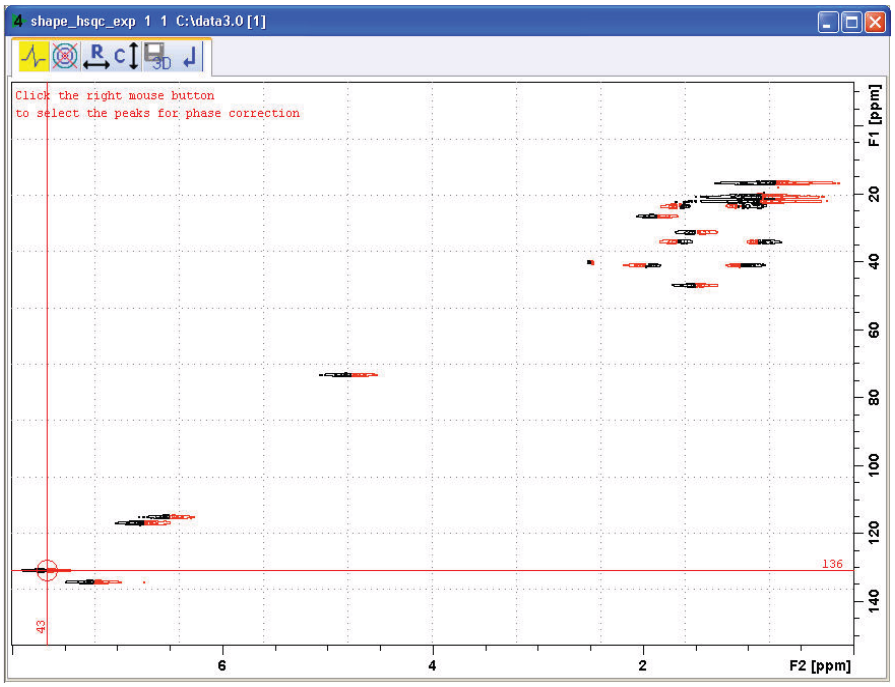
12. Select the peak at **7.7ppm/130.9ppm**

13. Click the left mouse button

Figure 6.14

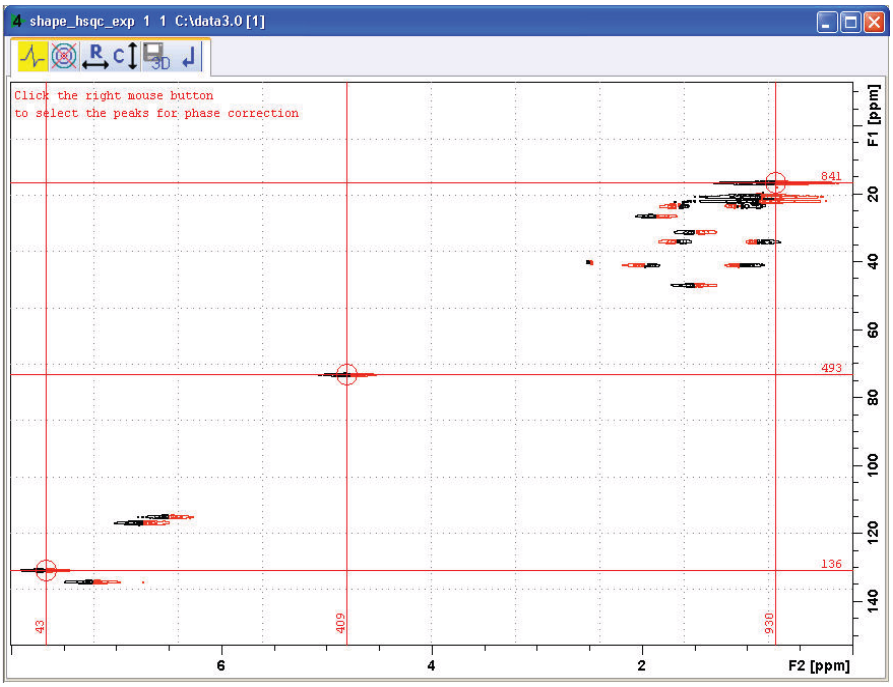
14. Select '**Add**'

Figure 6.15



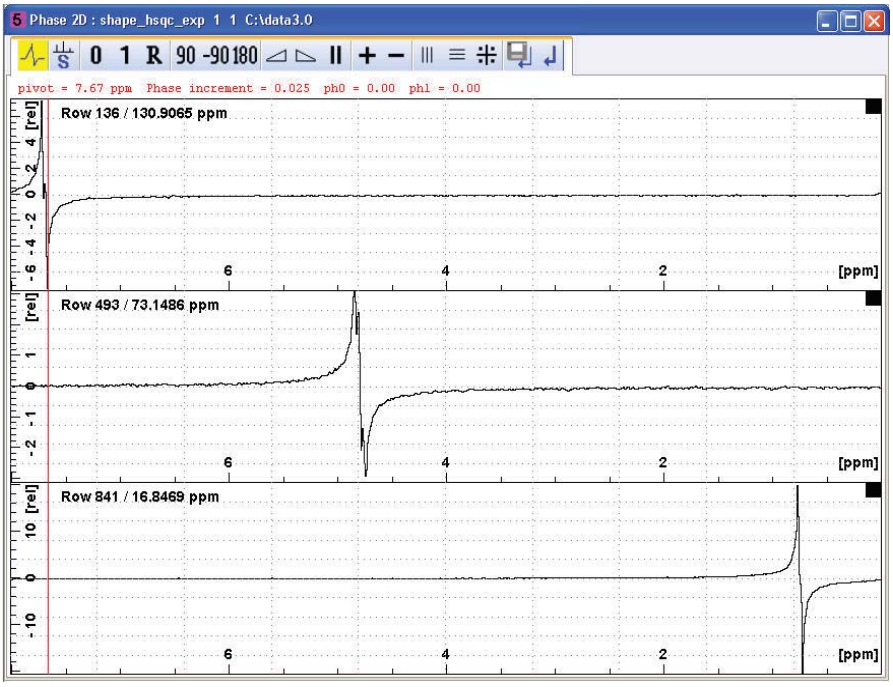
15. Repeat steps 13 and 14 for the peaks at **4.8ppm / 73.2ppm** and **0.76ppm / 16.8ppm**

Figure 6.16



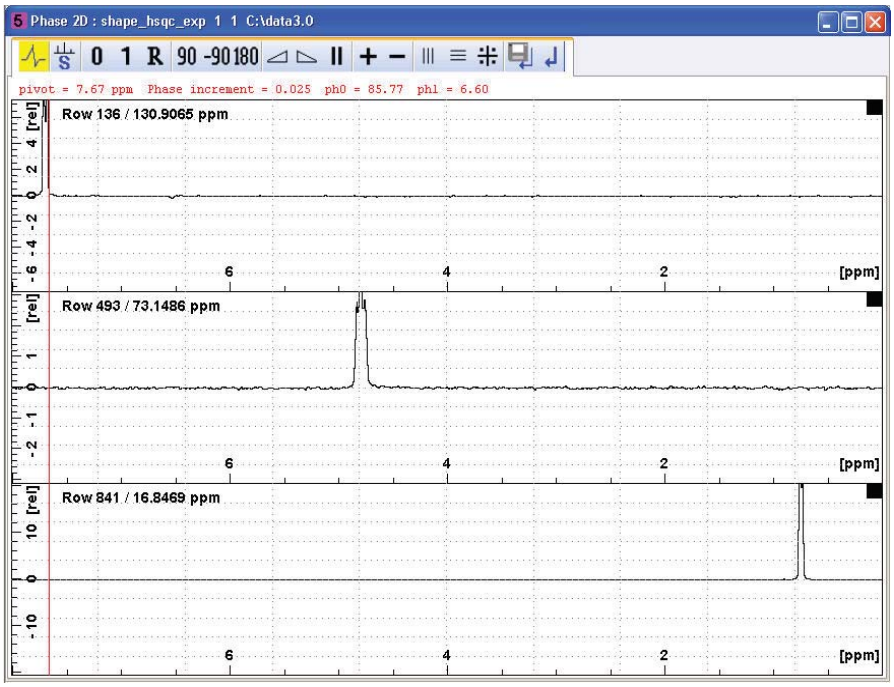
17. Click on 

Figure 6.17



18. Adjust the phase using the  and  buttons

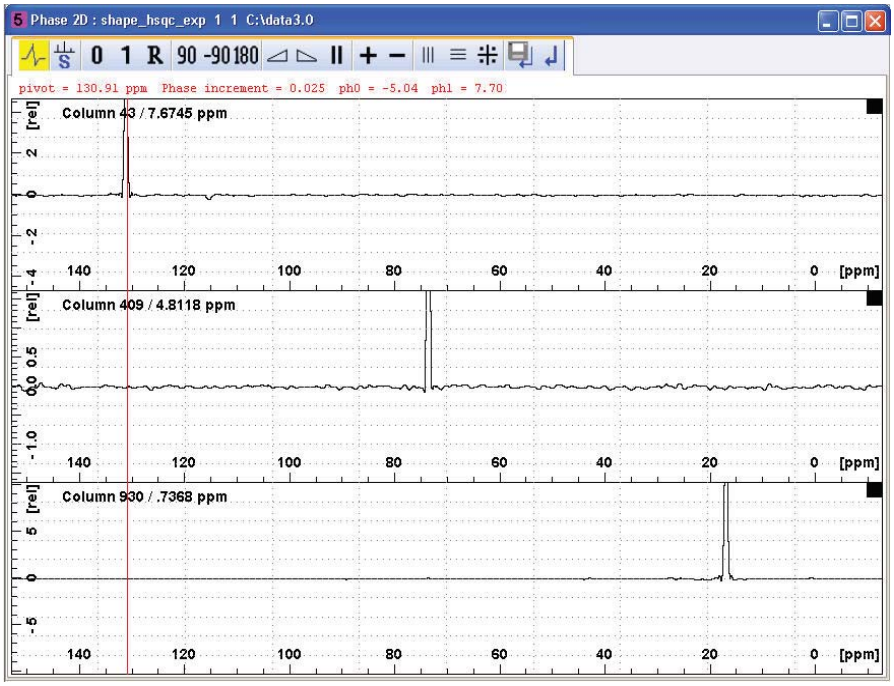
Figure 6.18



19. Click on 

20. Click on

Figure 6.19



21 Adjust the phase if necessary using the  and  buttons

22. Click on 

23. Click on 

Figure 6.20