

Supporting Information

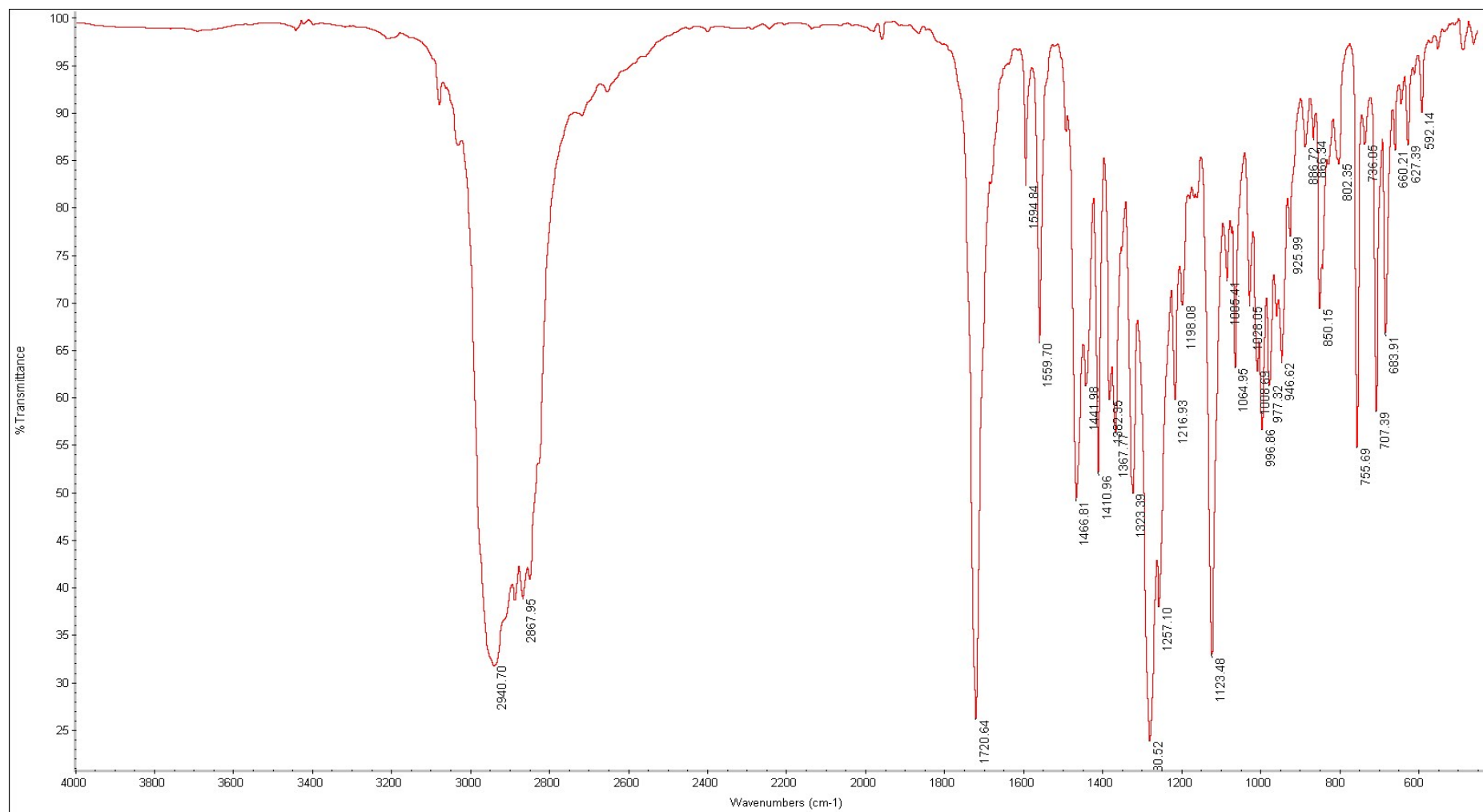


Figure 1. FTIR spectrum of cholesteryl isonicotinate (CIN).

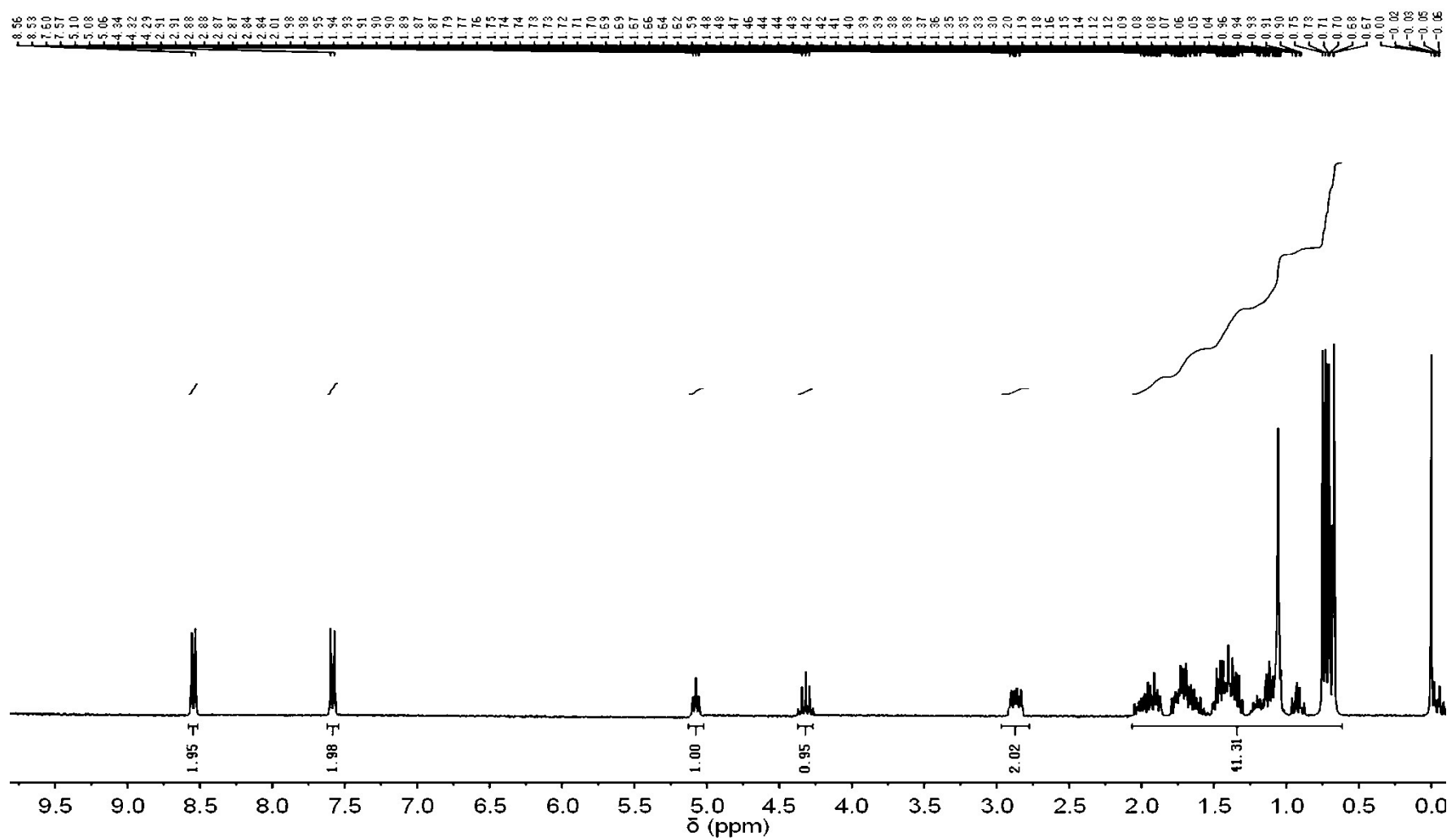


Figure 2. ^1H -NMR spectrum of CIN.

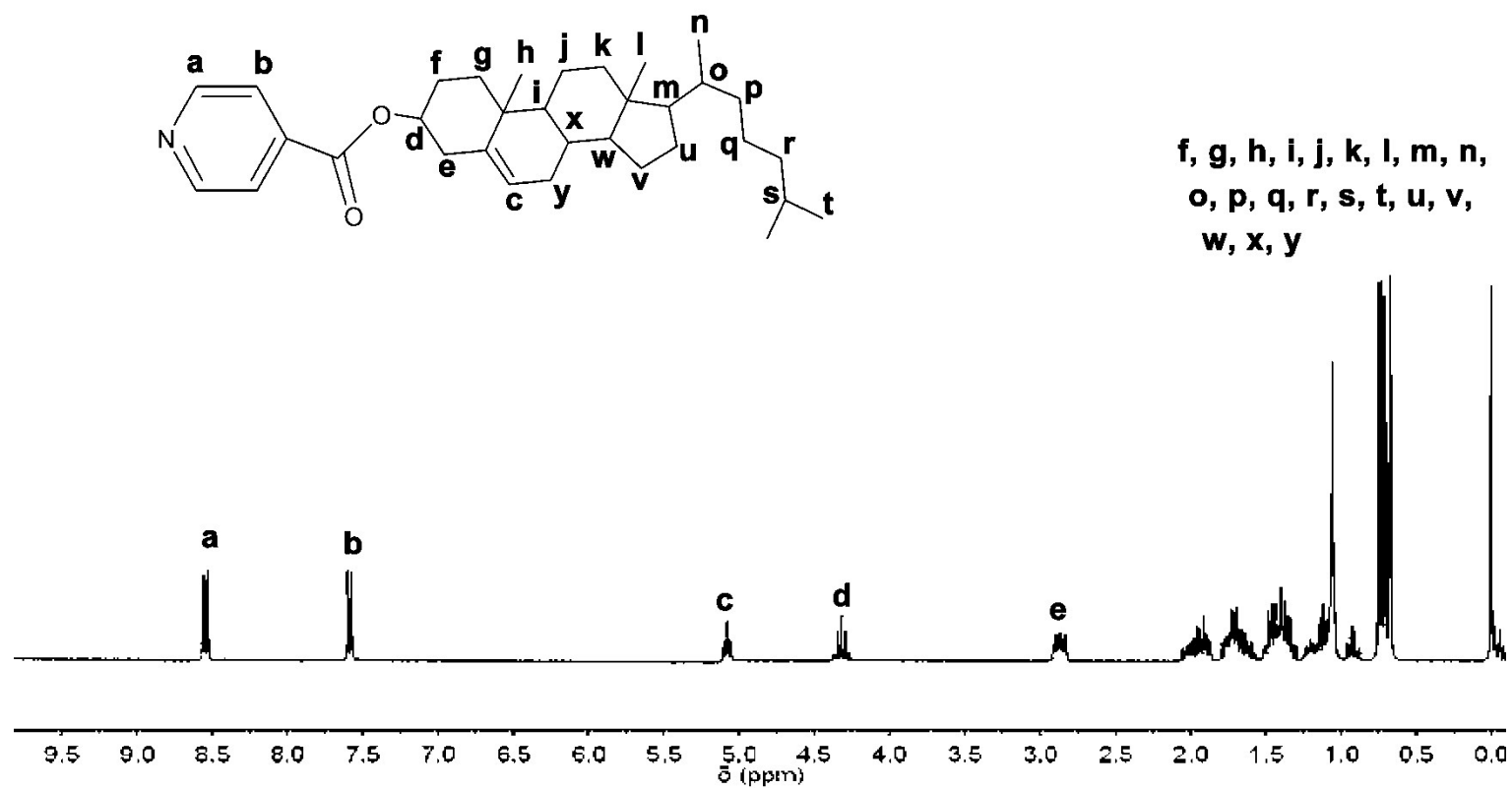


Figure 3. The assigned protons of CIN in the ^1H -NMR spectrum.

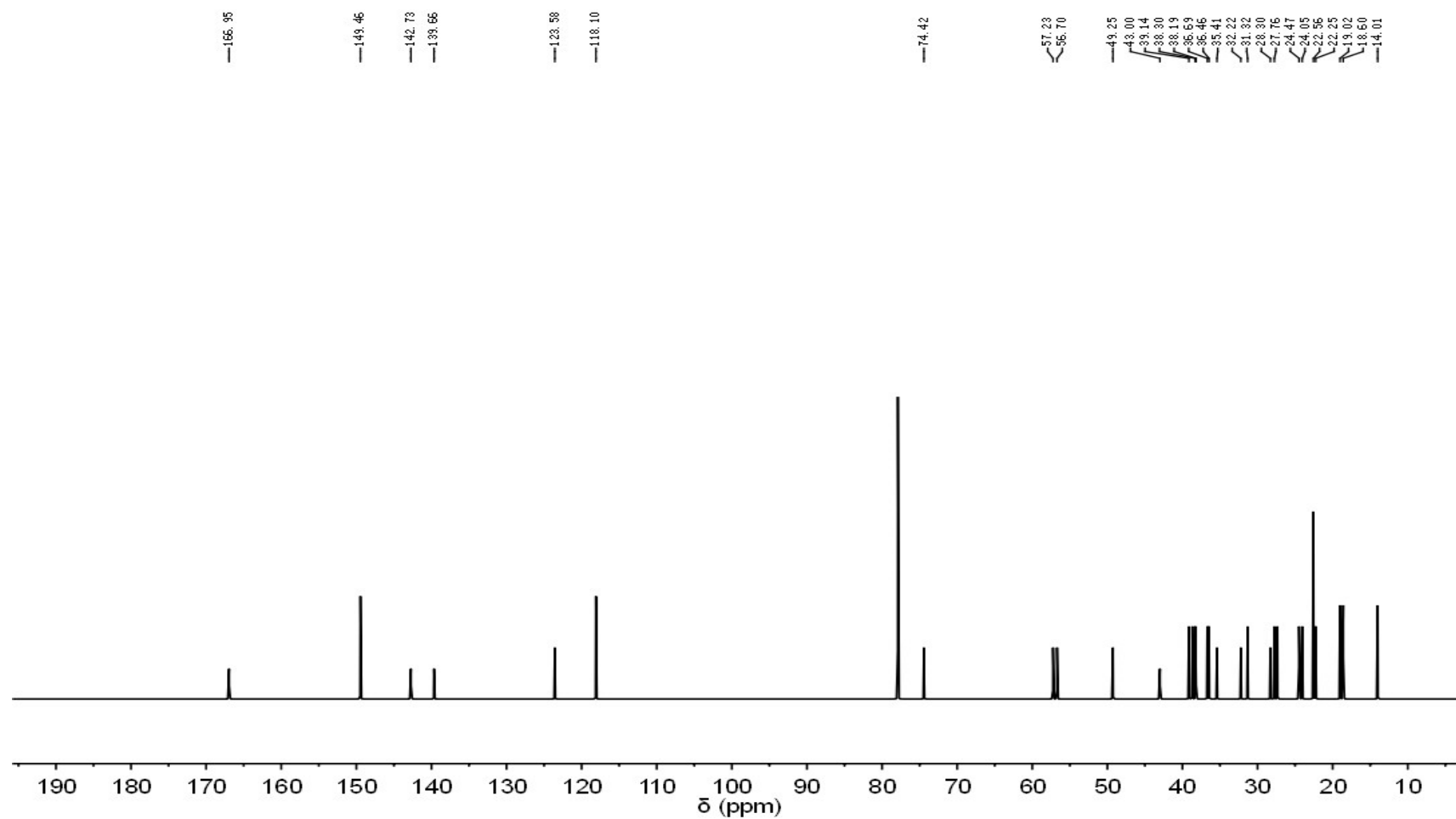


Figure 4. ^{13}C -NMR spectrum of **CIN** ($-\underline{\text{C}}-$ in the solvent CDCl_3 are shown at $\delta = 78$ ppm).

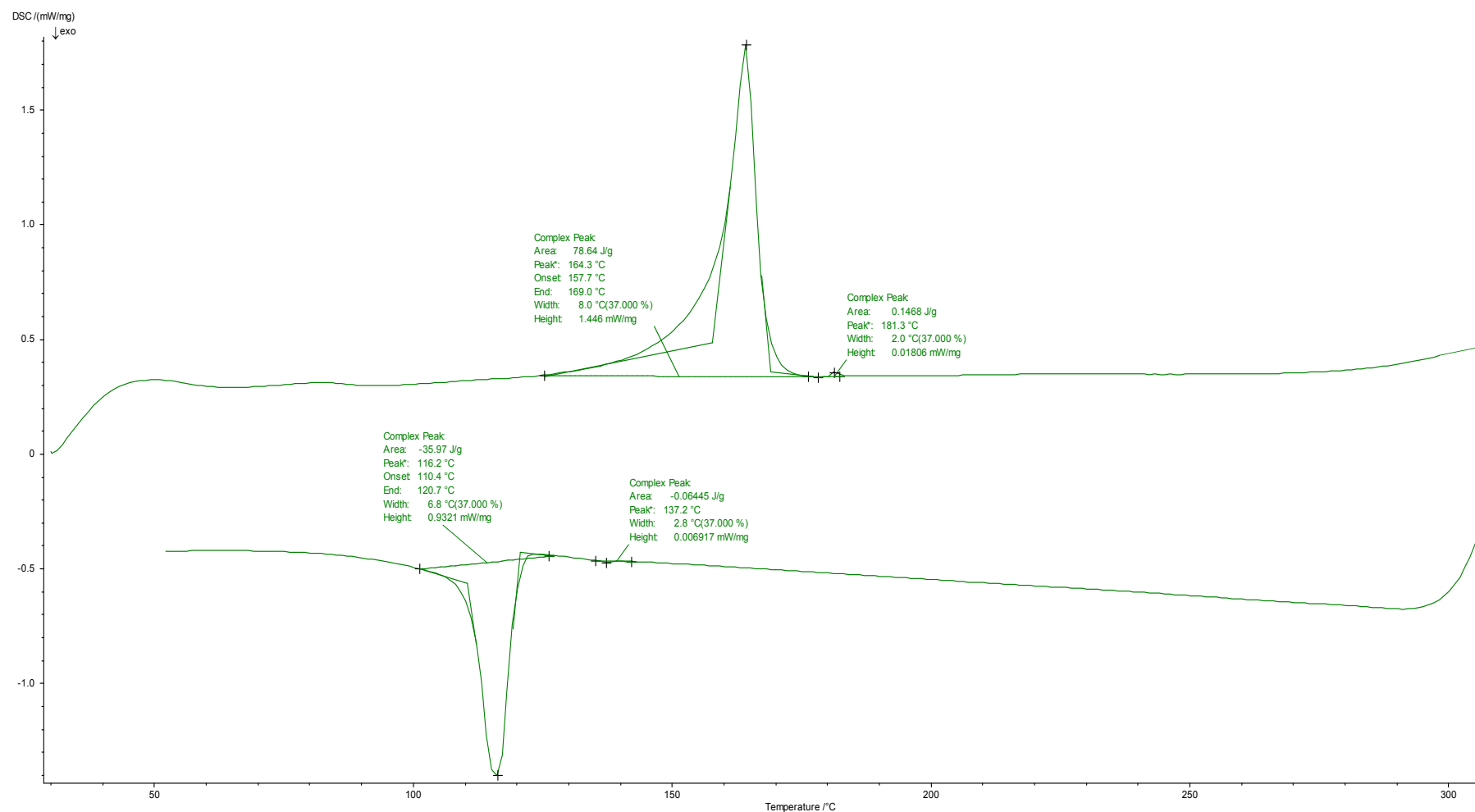


Figure 5. DSC thermograms of CIN on the second heating cycle and on the first cooling cycle.

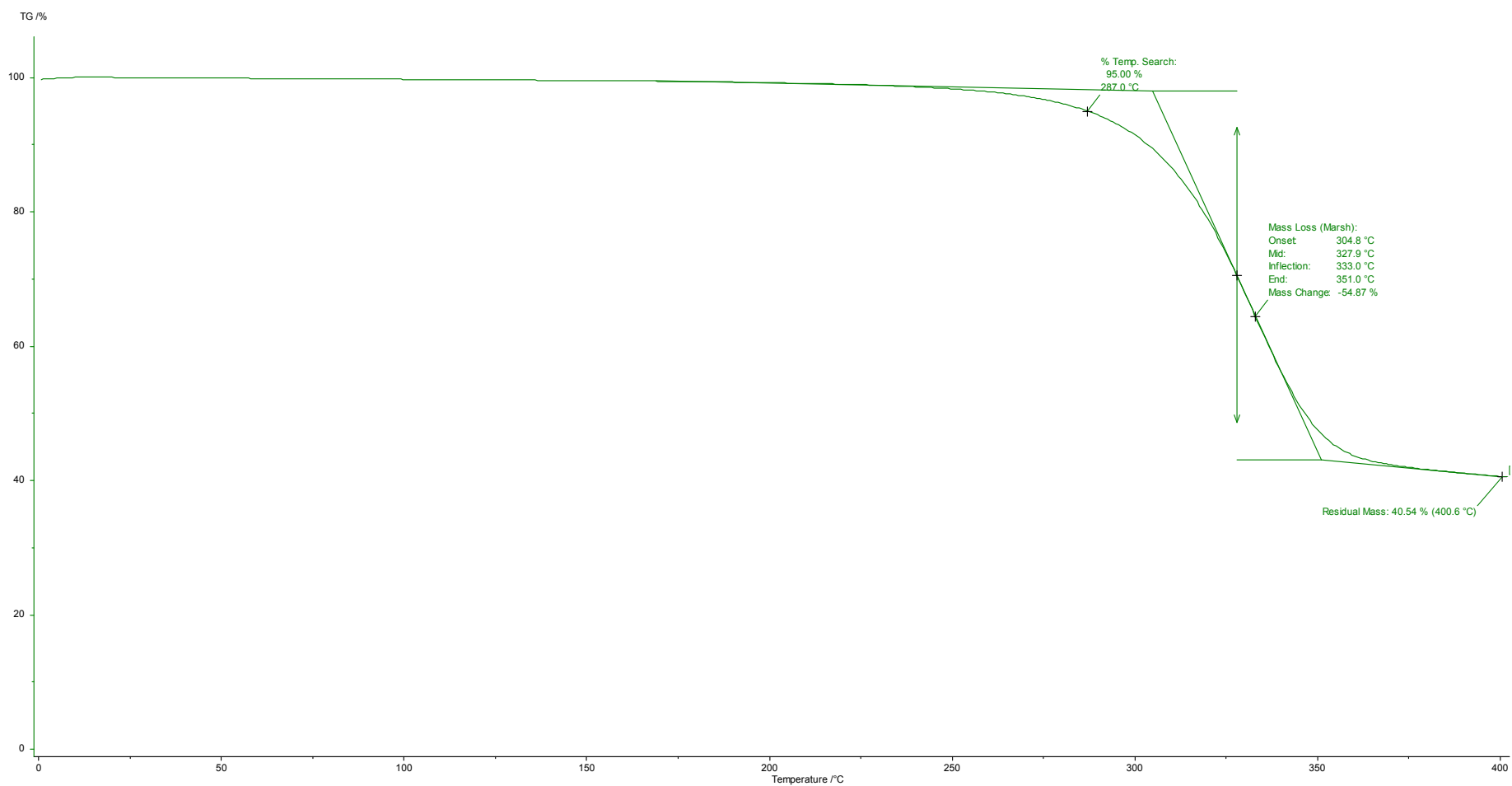


Figure 6. TGA thermogram of LC bromo-polysiloxane IIP.

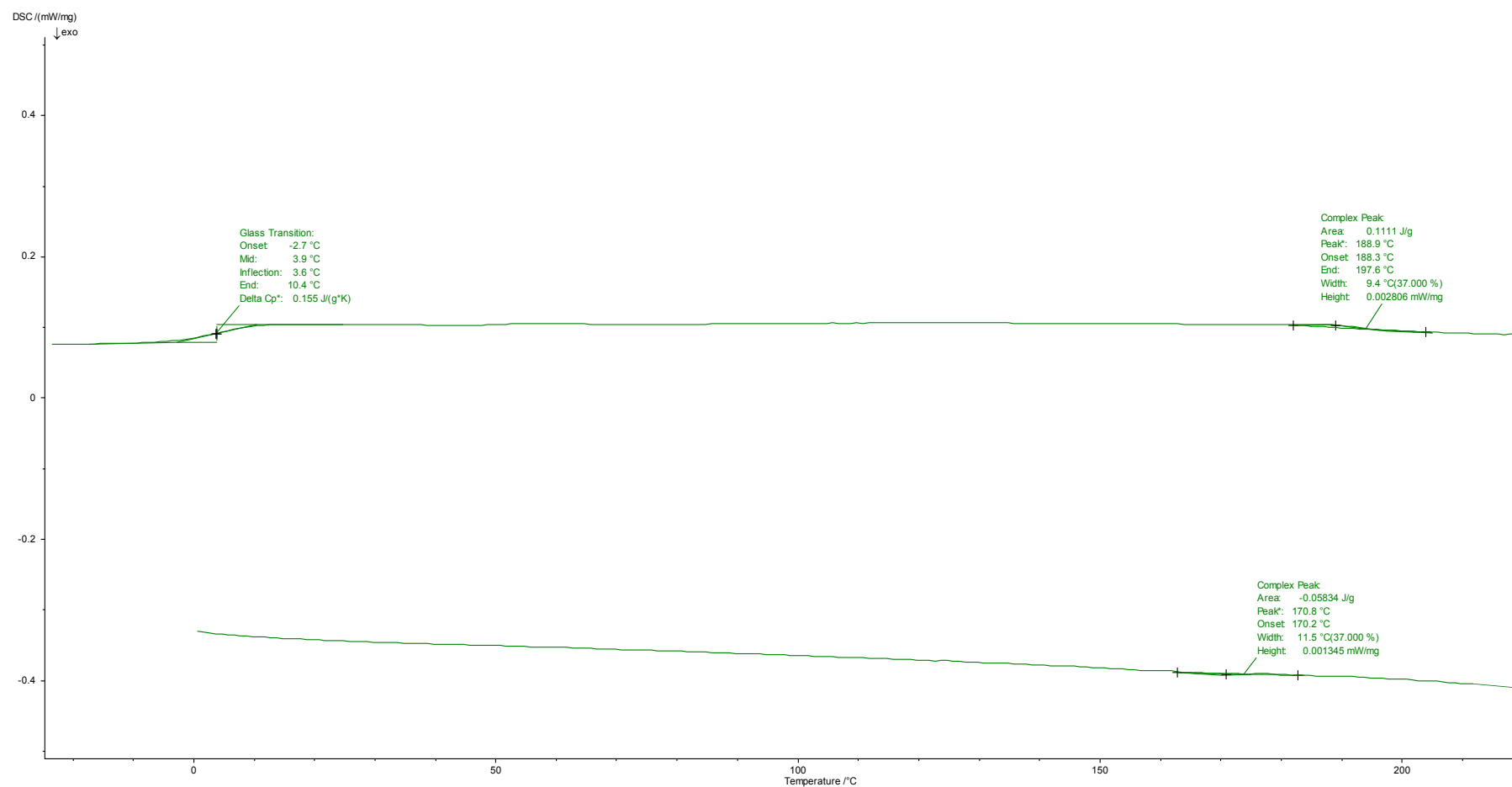


Figure 7. DSC thermograms of IIP on the second heating cycle and on the first cooling cycle.

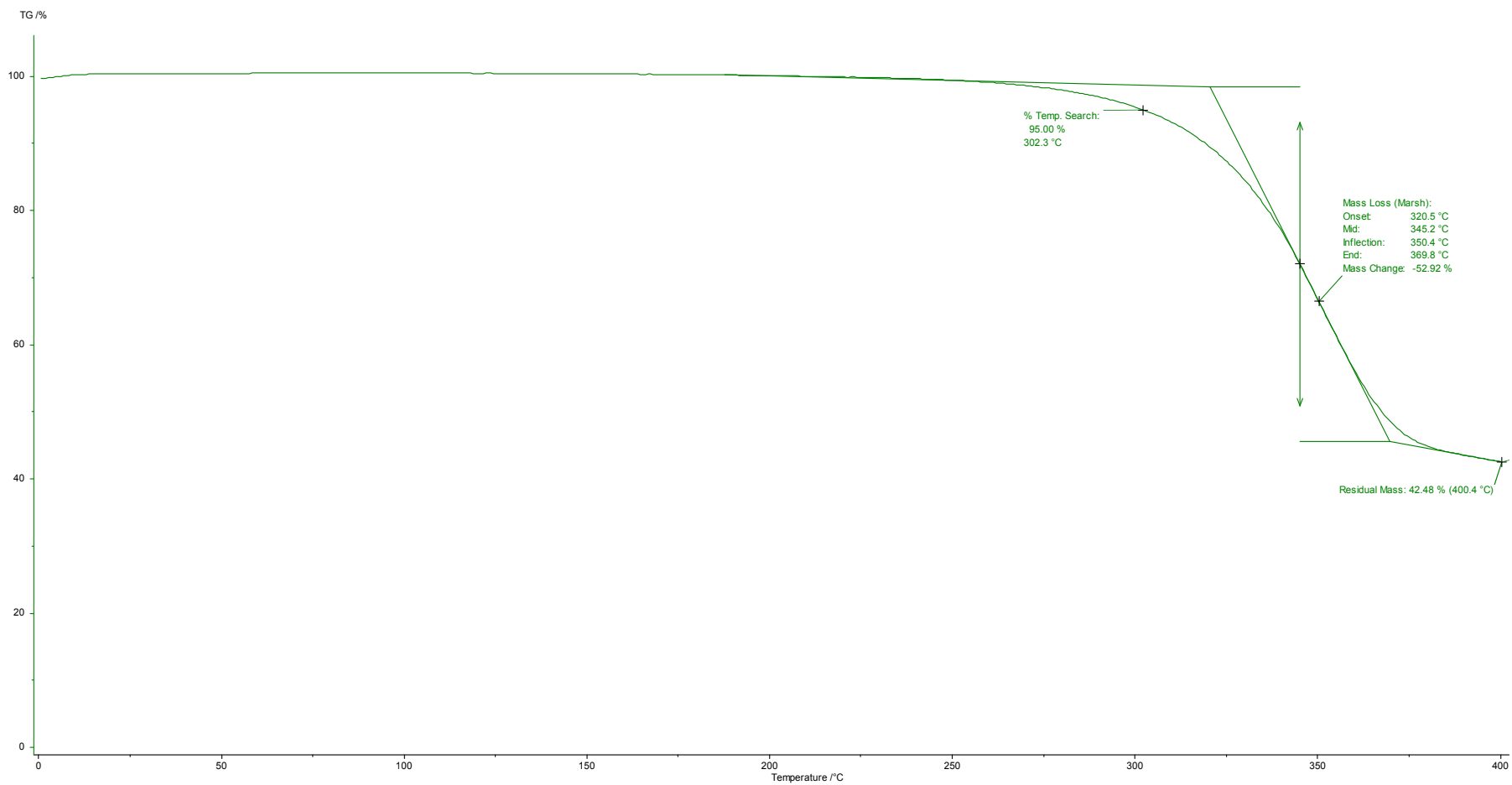


Figure 8. TGA thermogram of LC pyridinium bromide salt polysiloxanes [IIP -Py][Br].

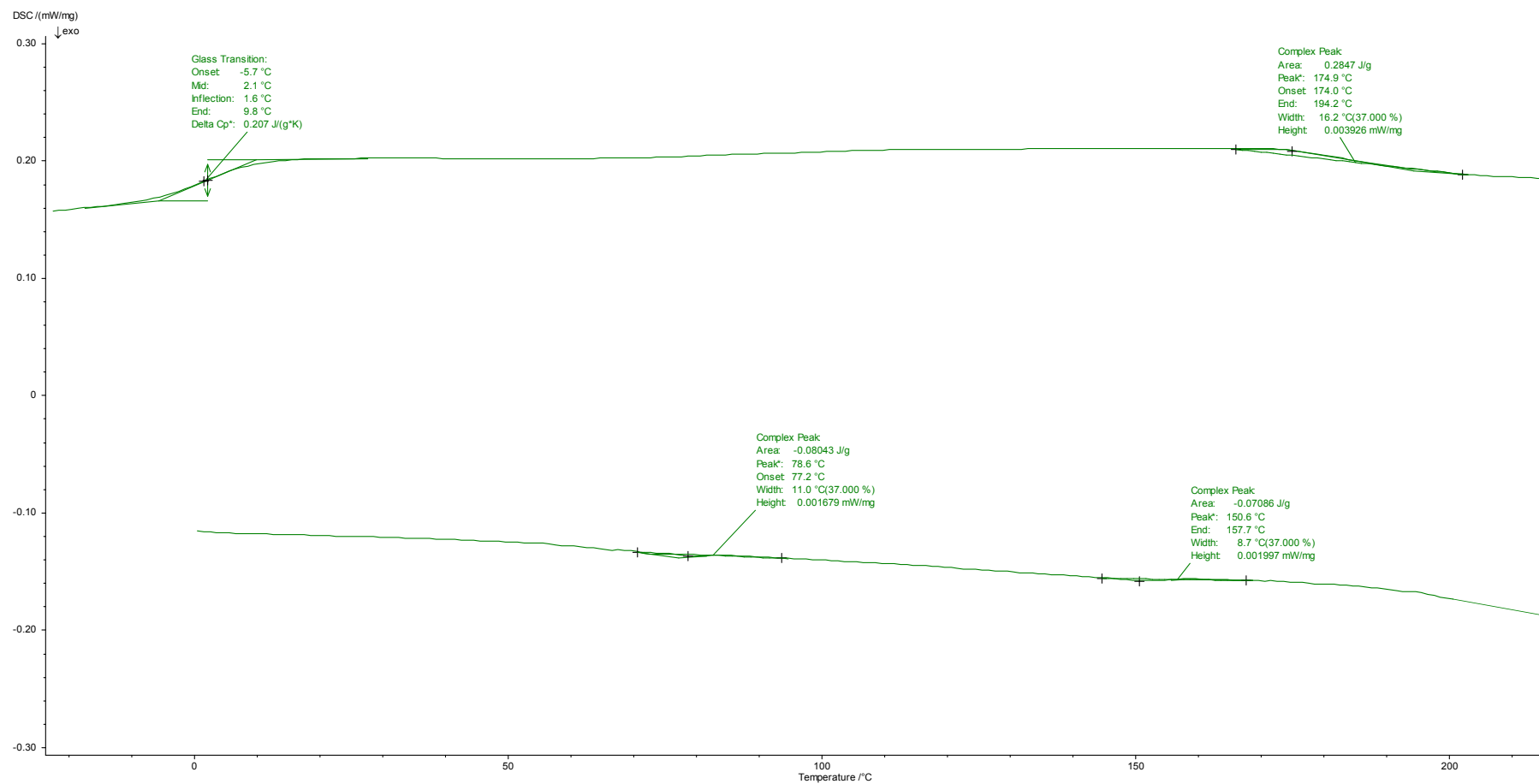


Figure 9. DSC thermograms of [IIP -Py][Br] on the second heating cycle and on the first cooling cycle.

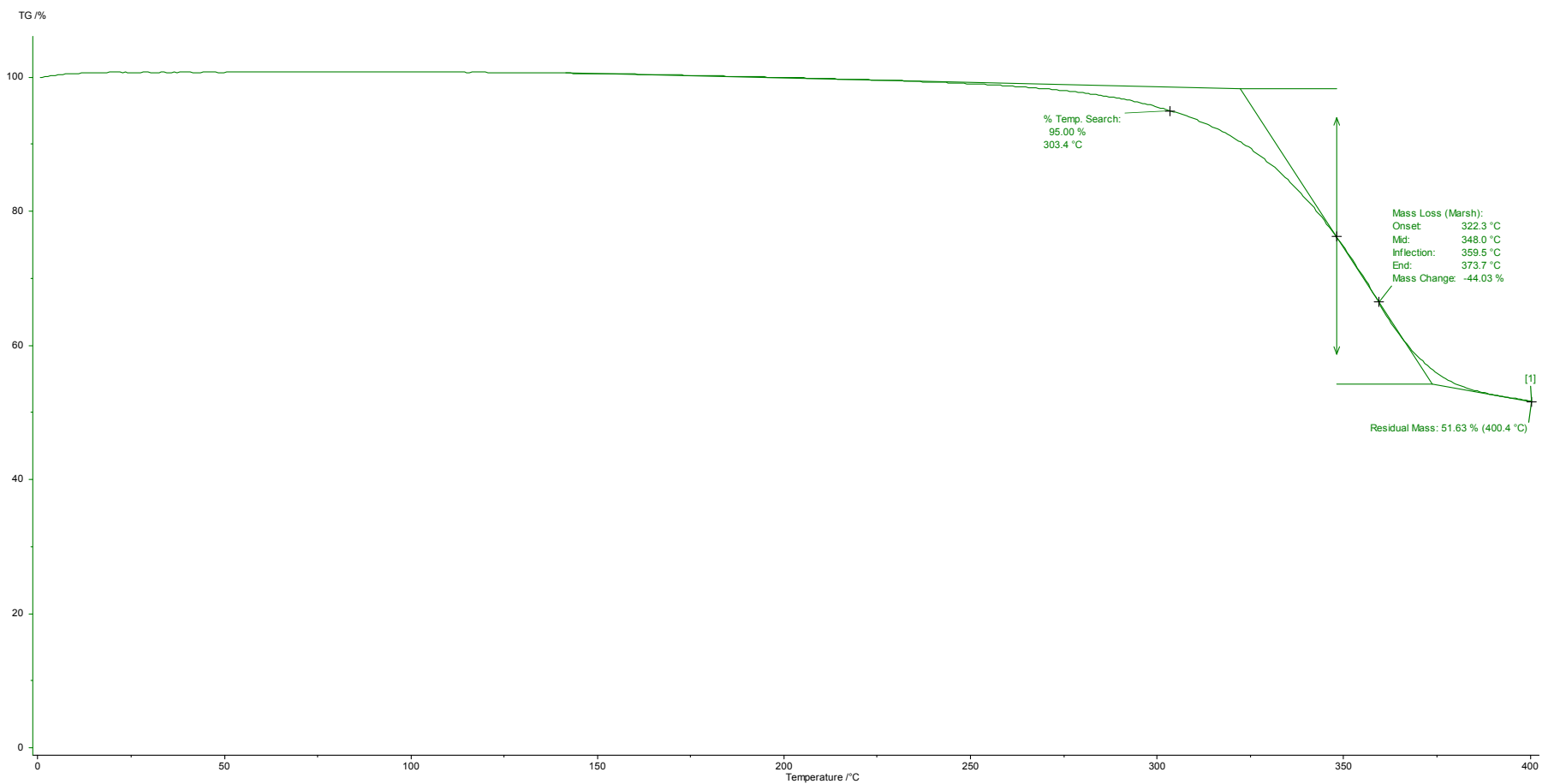


Figure 10. TGA thermogram of tetrafluoroborate salt polysiloxane [IIP -Py][BF₄].

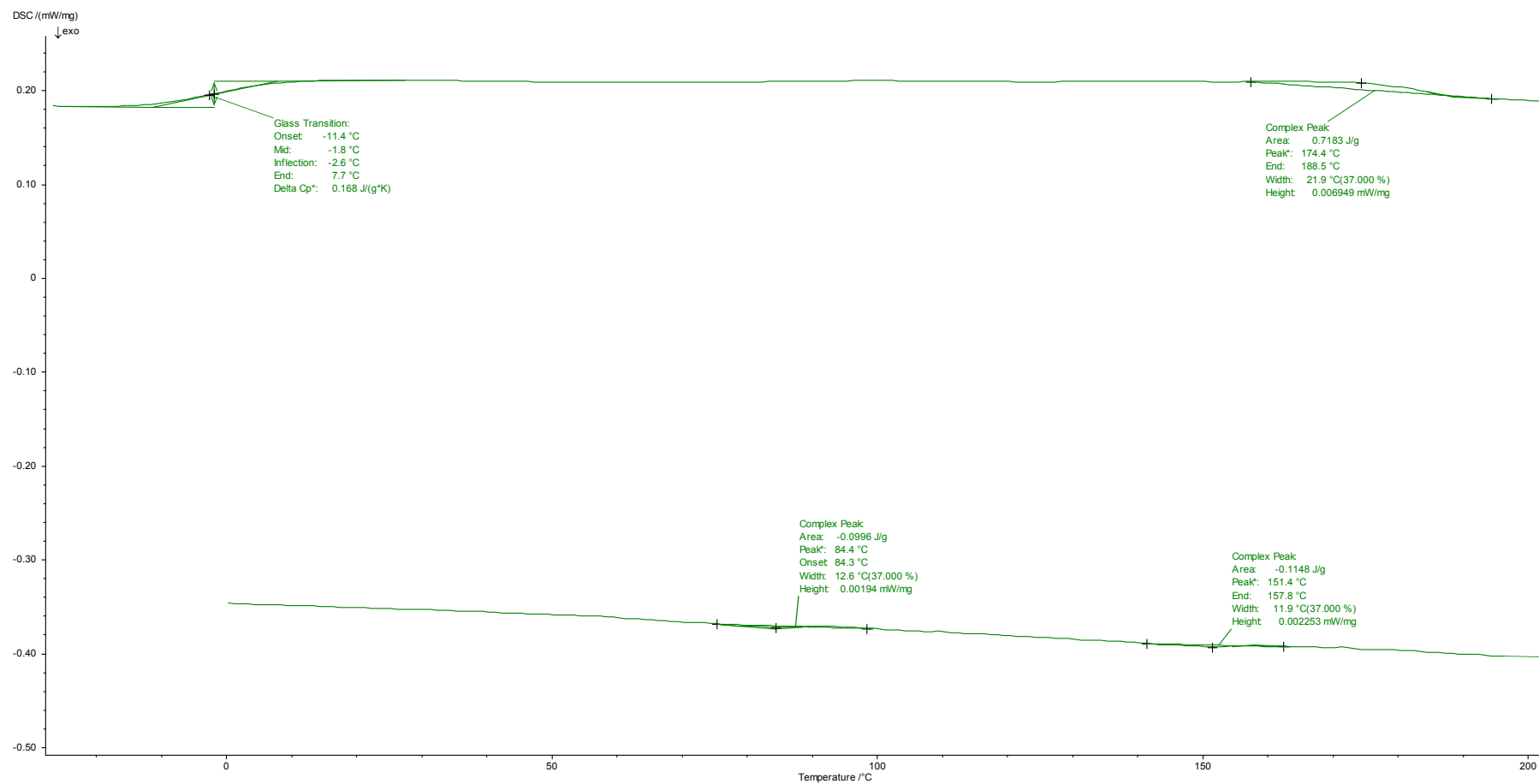


Figure 11. DSC thermograms of [IIP -Py][BF₄] on the second heating cycle and on the first cooling cycle.

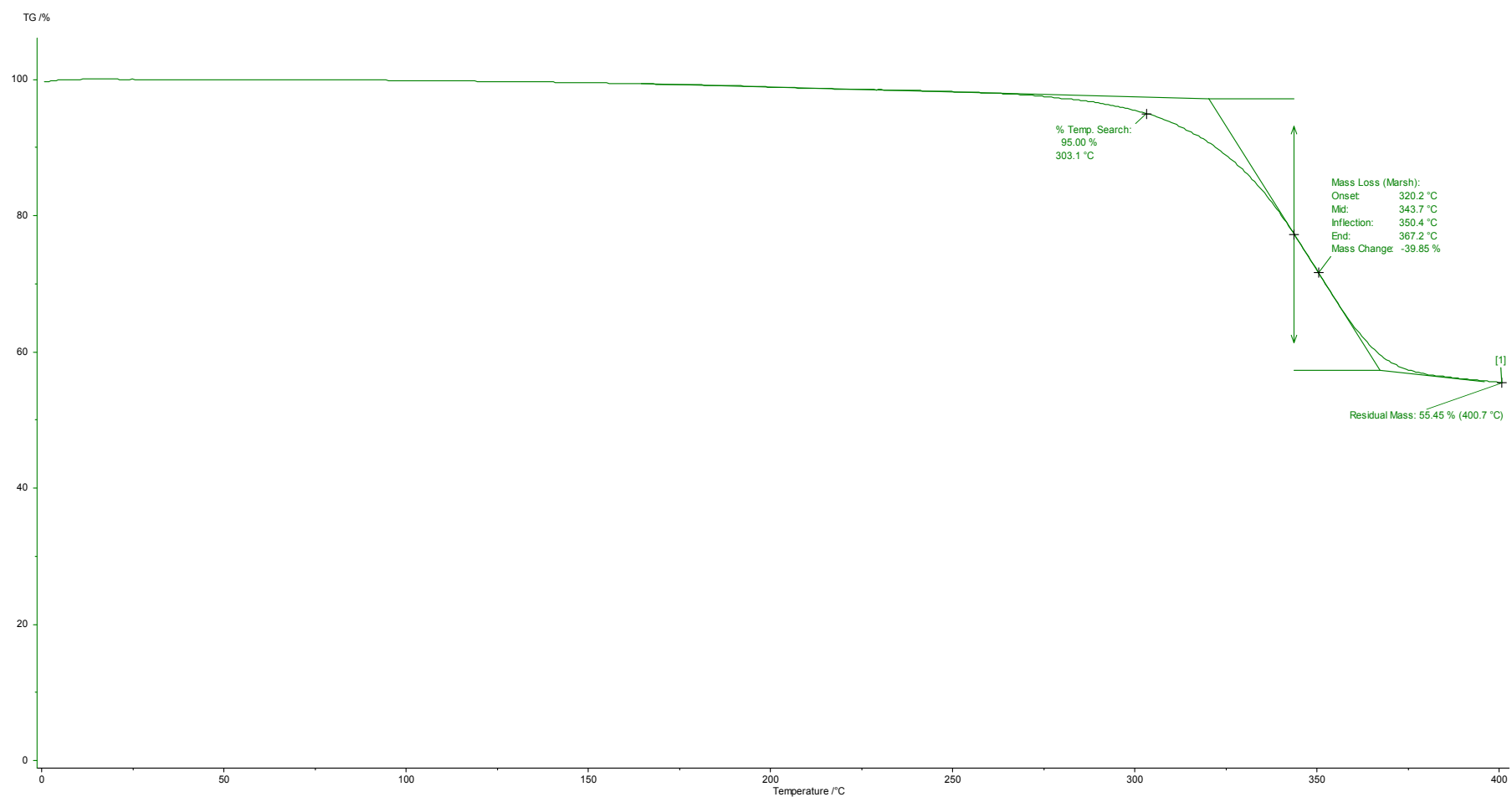


Figure 12. TGA thermogram of hexafluorophosphate salt polysiloxane [IIP -Py][PF₆].

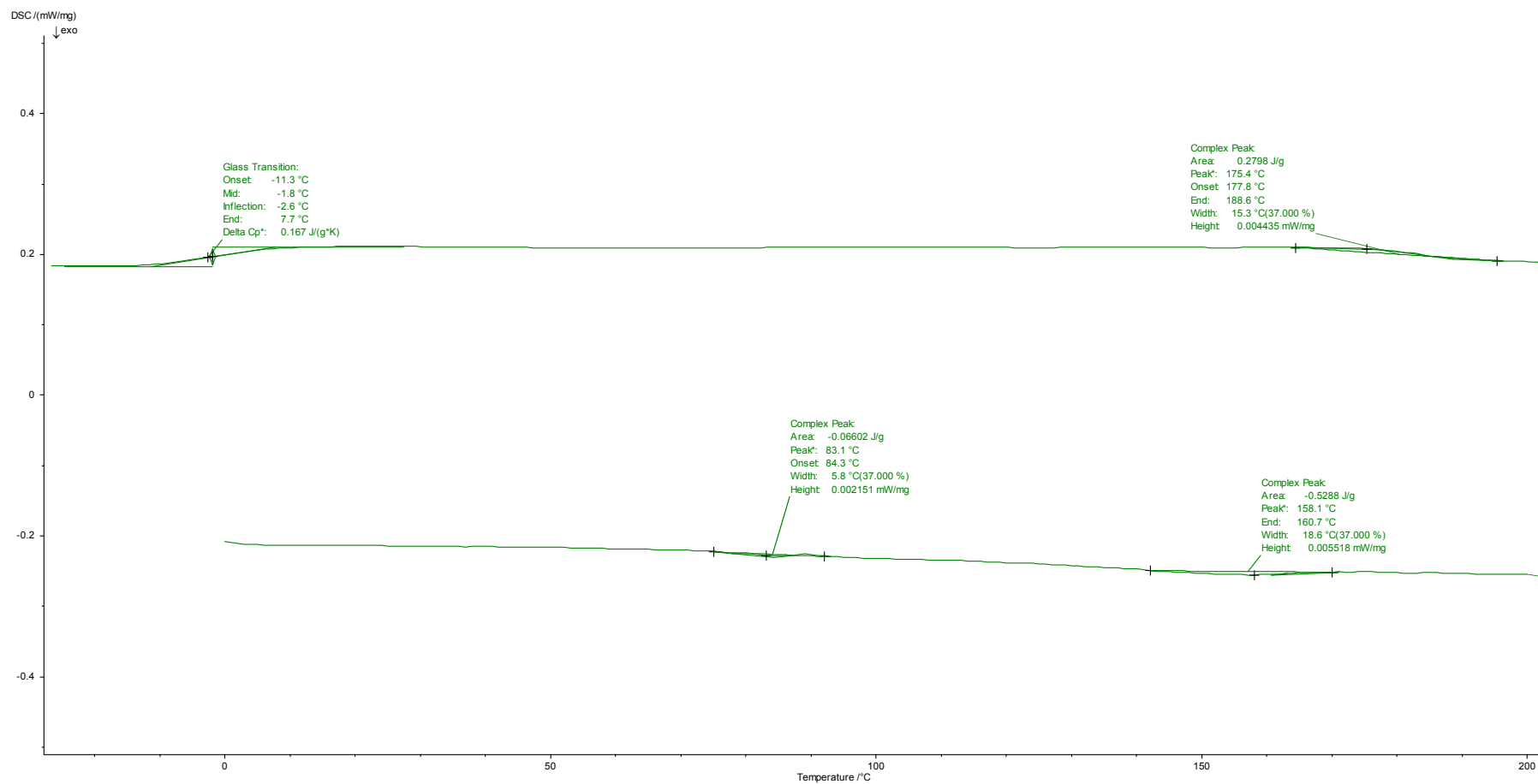


Figure 13. DSC thermograms of [IIP -Py][PF₆] on the second heating cycle and on the first cooling cycle.

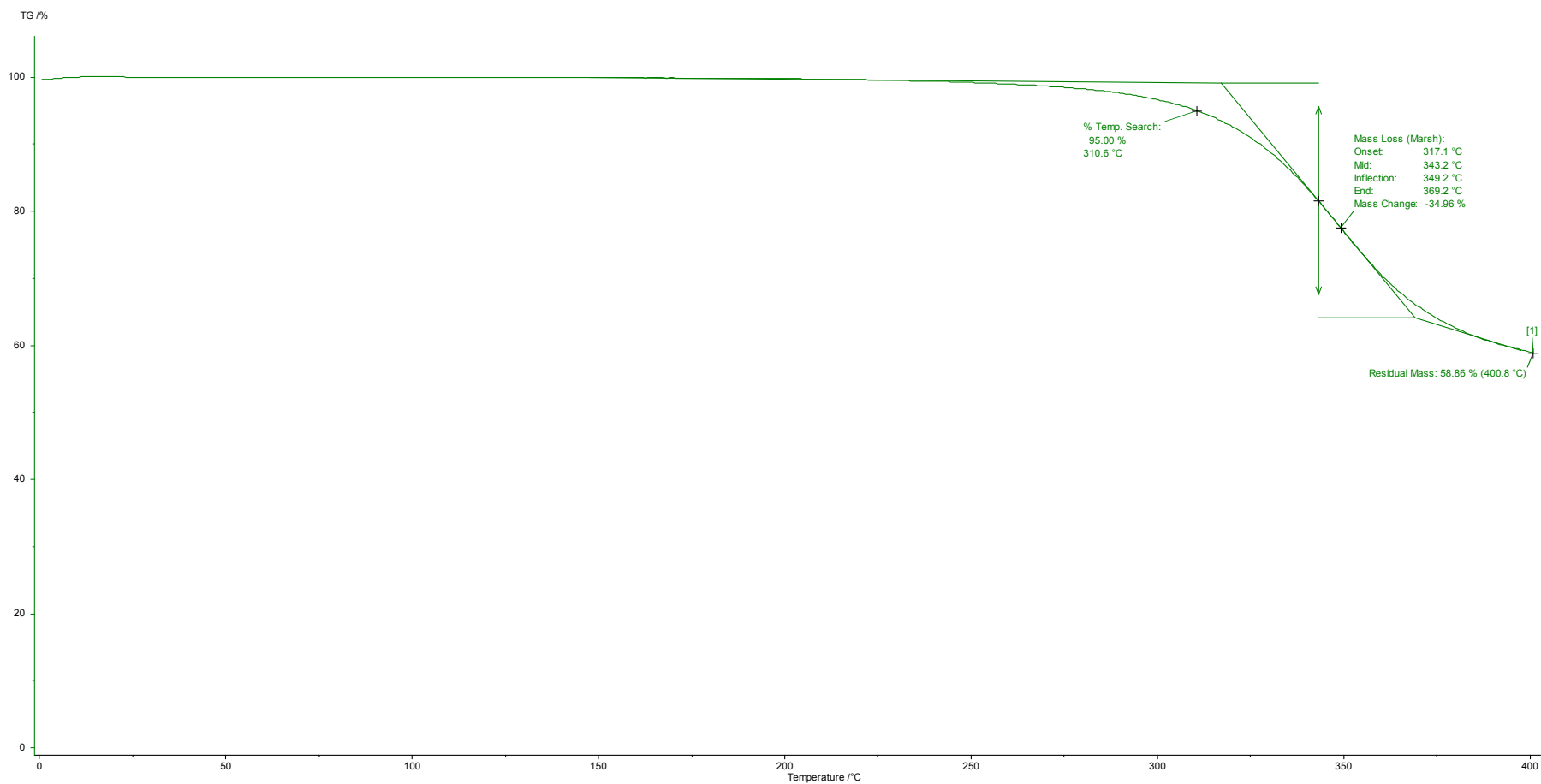


Figure 14. TGA thermogram of bis(trifluoromethylsulfonyl)imide salt polysiloxane [IIP -Py][Tf₂N].

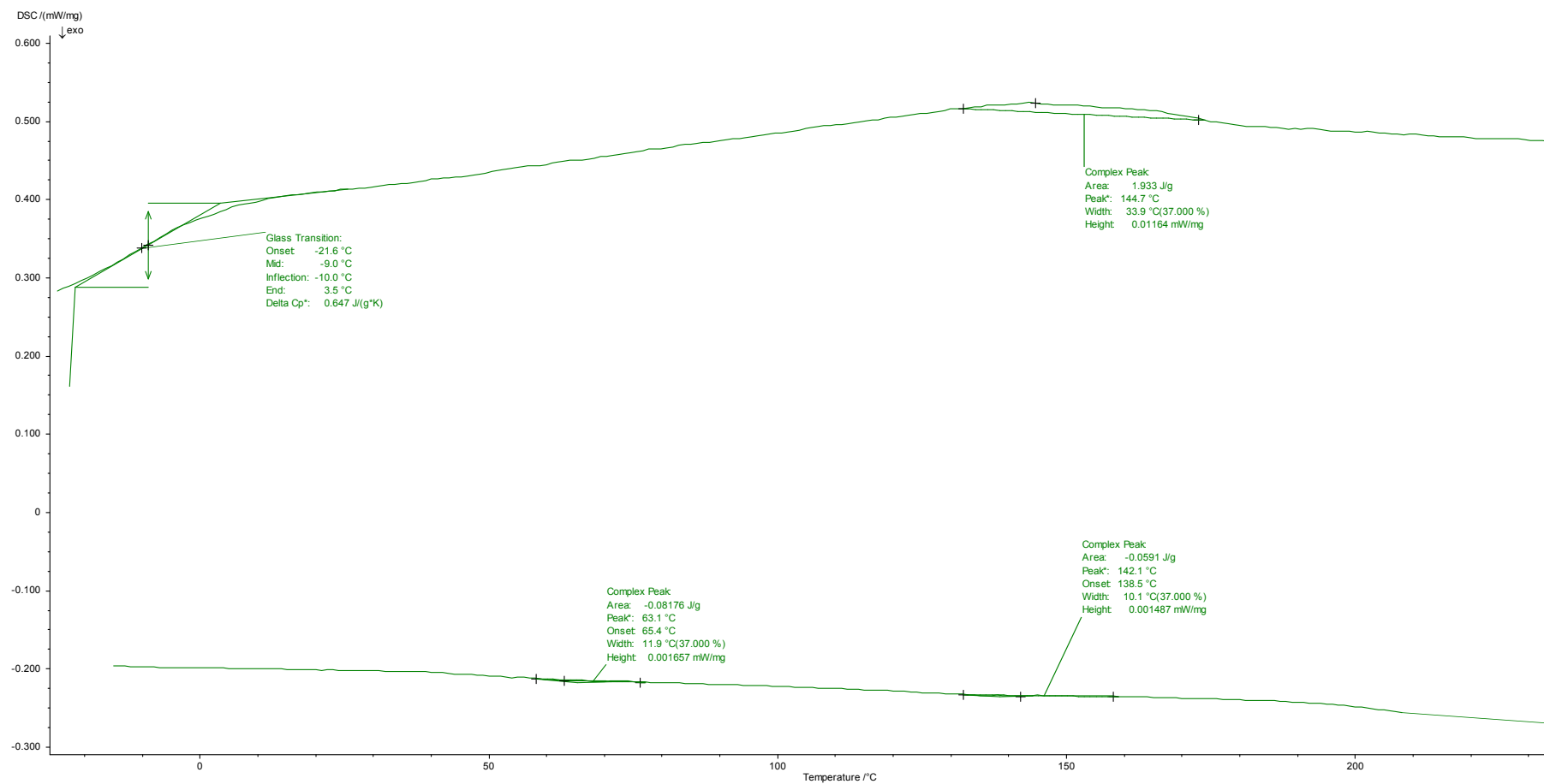


Figure 15. DSC thermograms of [IIP -Py][Tf₂N] on the second heating cycle and on the first cooling cycle.