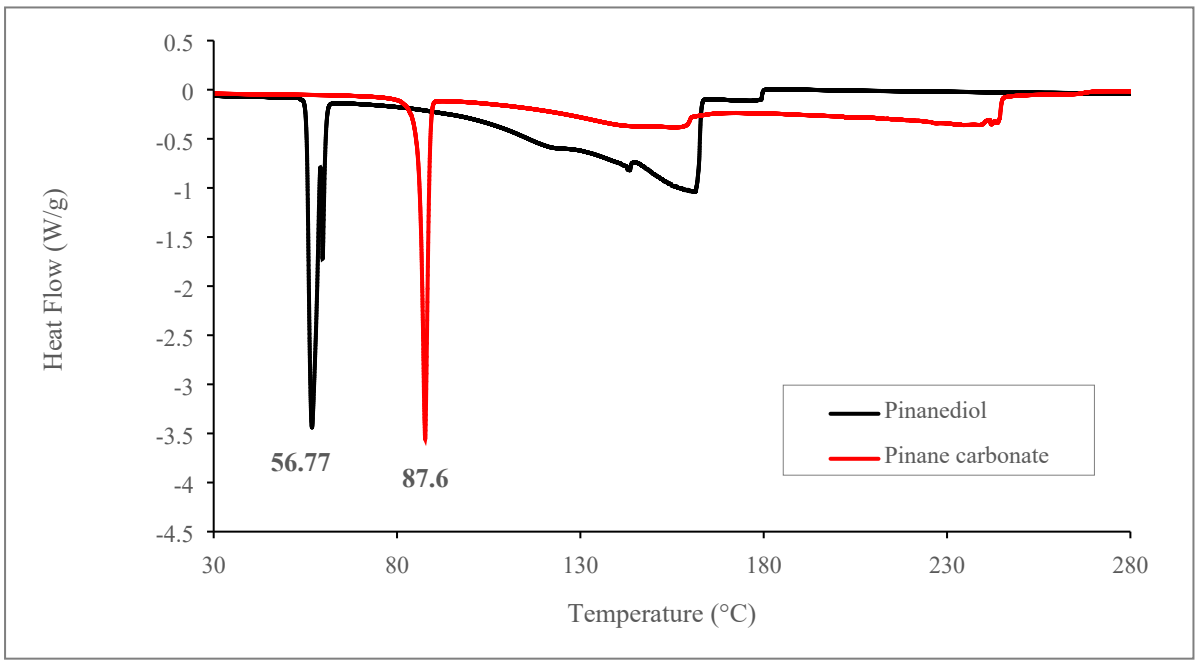
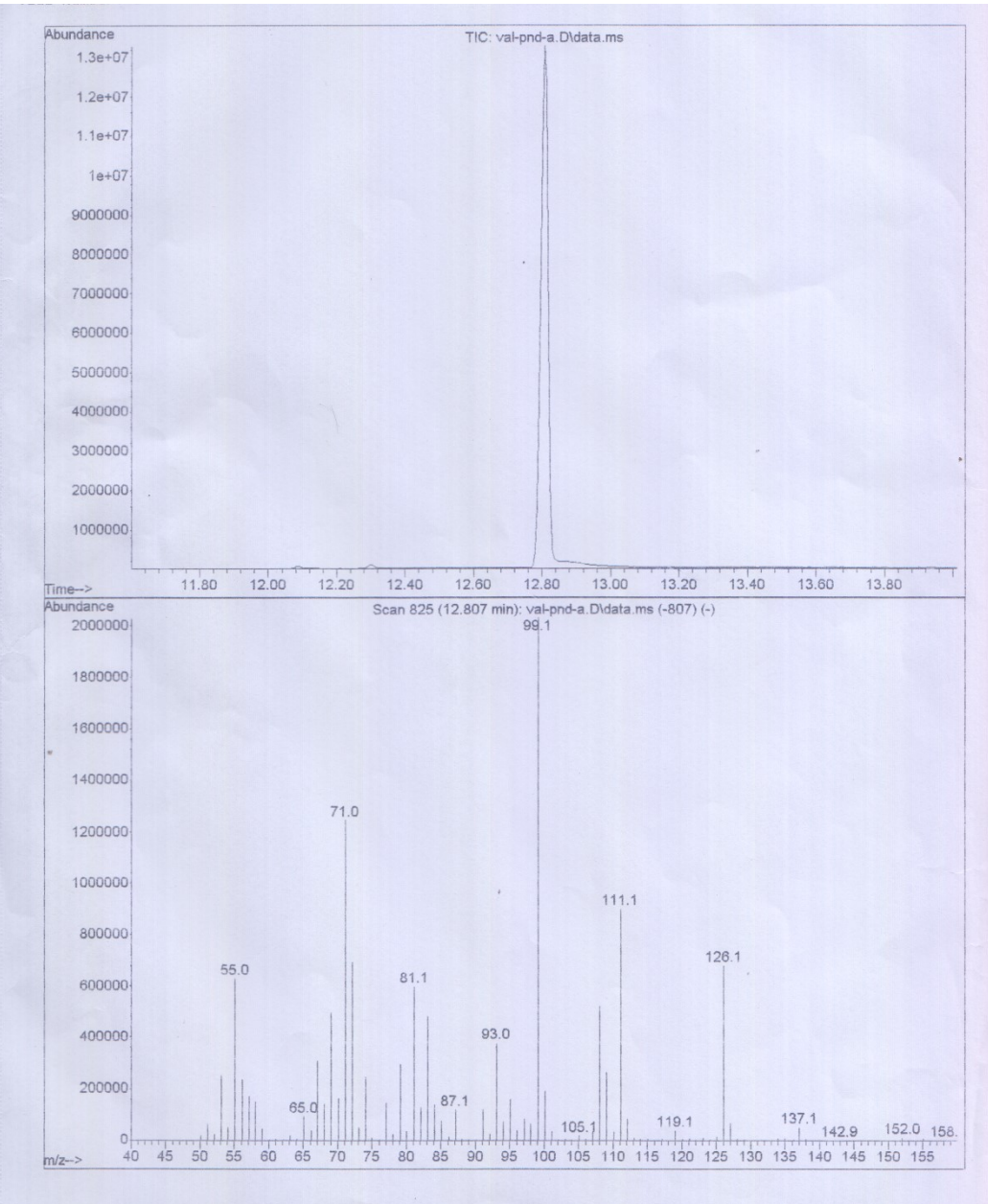
Electronic Supplementary Material (ESI) for RSC Advances.

Electronic Supplementary Information

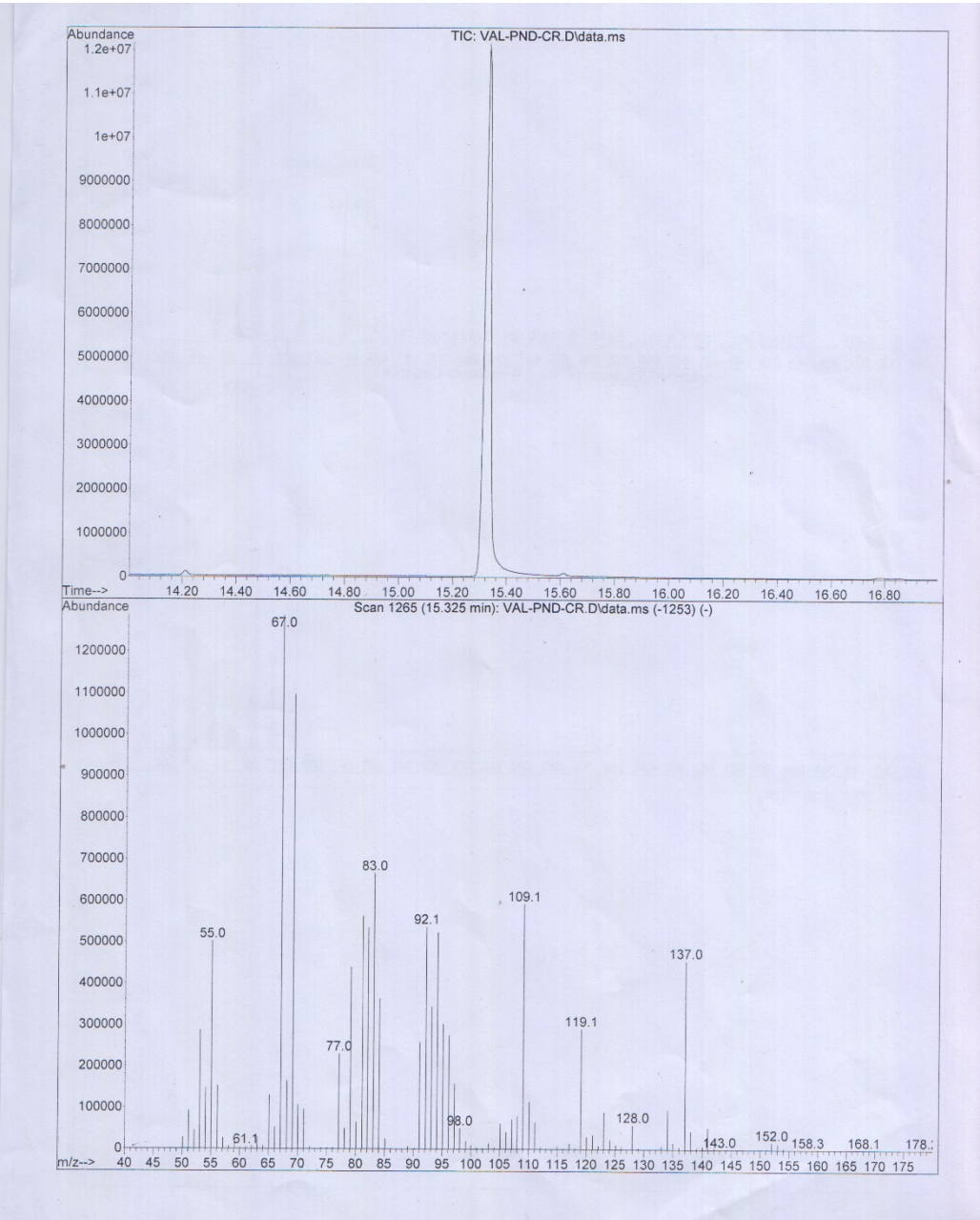
The DSC thermal analysis in **ESI** Fig. 1 shows some evidence of gradual loss in heat flow after the melting point, as the nitrogen purge gas removes developing sample vapours. Therefore, this method could not be used to measure the normal boiling points of the samples, which requires an equilibrium vapour formation at an atmospheric pressure.



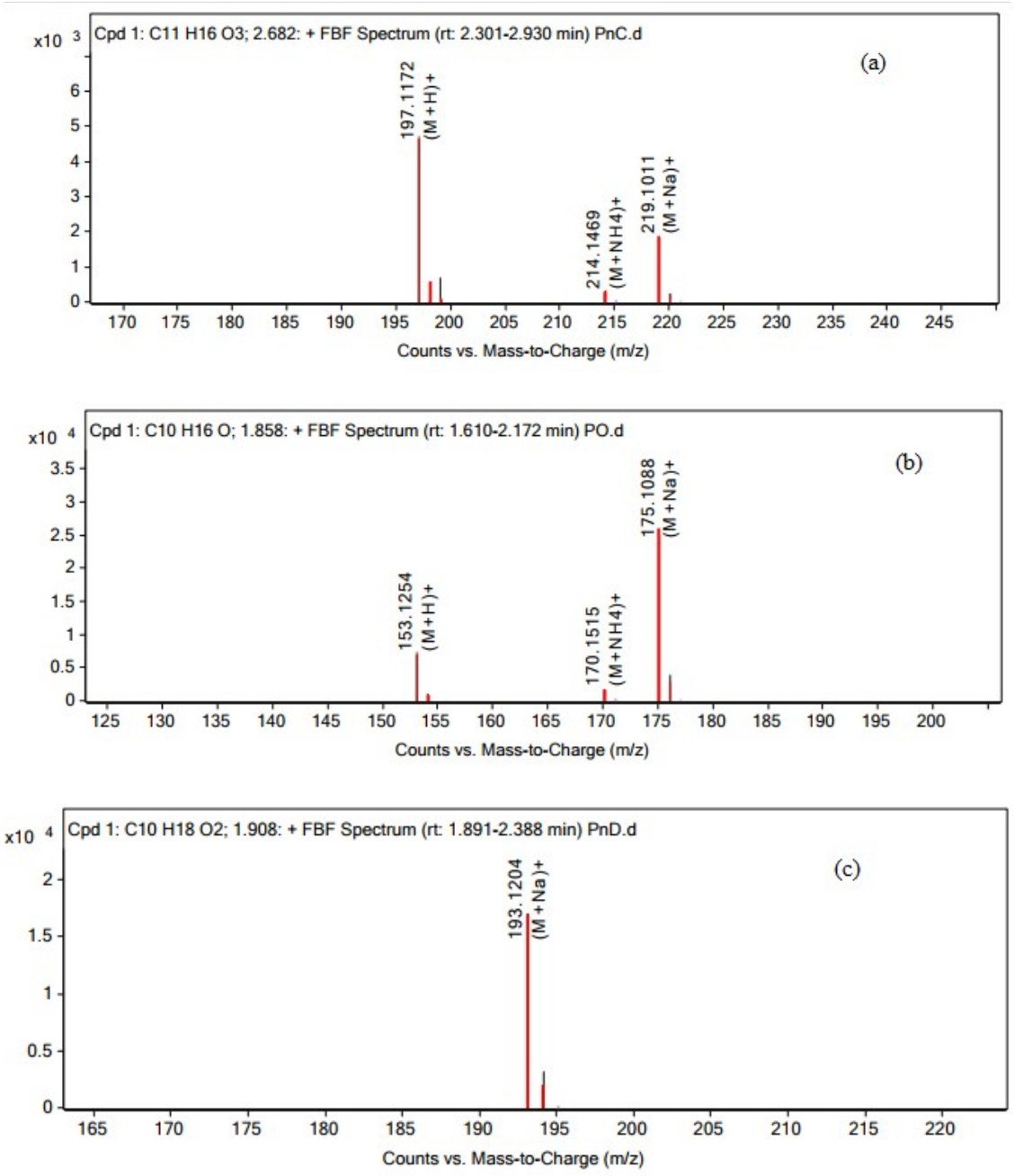
ESI Figure 1: DSC data for determinations of the melting points of the pinanediol and the pinane carbonate.



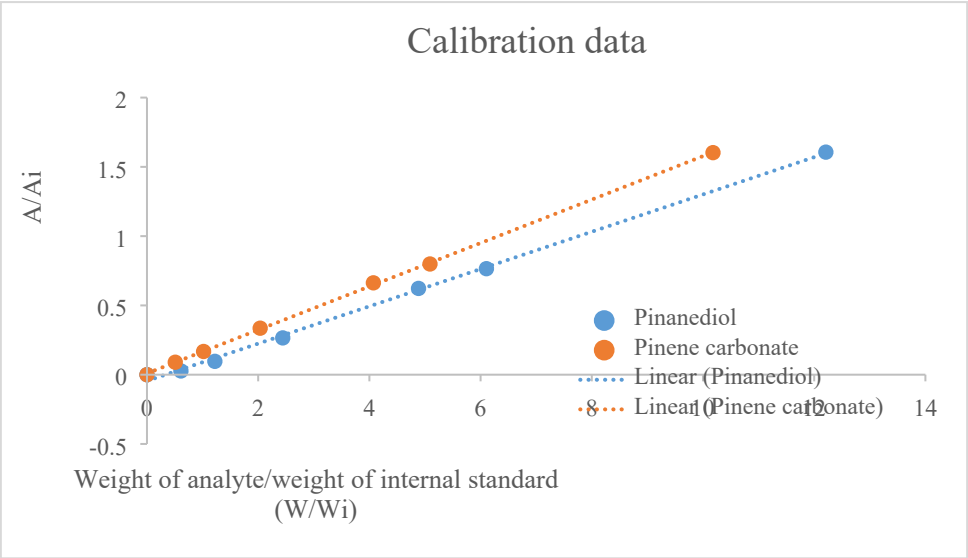
ESI Figure 2: GCMS data for the α-pinanediol acquired using a 7890B Agilent GC coupled to a 5977B mass selective detector (MSD) in full scan mode from 50-520amu and 70 eV.



ESI Figure 3: GCMS data for the α-pinane carbonate acquired using 7890B Agilent GC coupled to a 5977B mass selective detector (MSD) in full scan mode from 50-520amu and 70 eV.



ESI Figure 4: QTOF MS data for the (a) α-pinane carbonate, (b) α-pinene epoxide and (c) α-pinanediol.



ESI Figure 5: Calibration data for the α-pinane carbonate and α-pinanediol.