Polymorphism in the nitrate salt of [Mn(acetylacetonate)$_2$(H$_2$O)$_2$]$^+$ ion

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SUPPLEMENTARY FIGURES

Figure S 10. Calculated X-ray powder diffraction patterns for crystal structures 1 – 4.
Figure S11. View, in the $ac$-plane, of the two-dimensional hydrogen bonded layers of 1.

Figure S12. View, in the $ac$-plane, of two-dimensional hydrogen bonded layers of Mn1, Mn4 units of 2.
Figure S13. View, in the $ac$-plane, of the two-dimensional hydrogen bonded layers of Mn2, Mn3 units of 2.

Figure S14. View, in the $ac$-plane, of the two-dimensional hydrogen bonded layers of 3.
Figure S15. View, in the $ac$-plane, of the two-dimensional hydrogen bonded layers of 4.

Figure S16 (a) A view of the two-dimensional hydrogen bonded layers of 5. (b) Formation of three-dimensional hydrogen bonded networks in 5 through interconnection of the layers with $\text{BF}_4$ anions which are disordered over two symmetry related positions.
Figure S17. View, in the $ab$-plane, of the packing of 5.