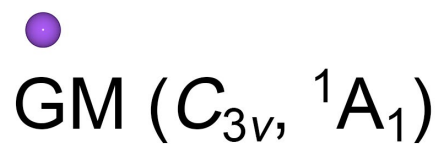
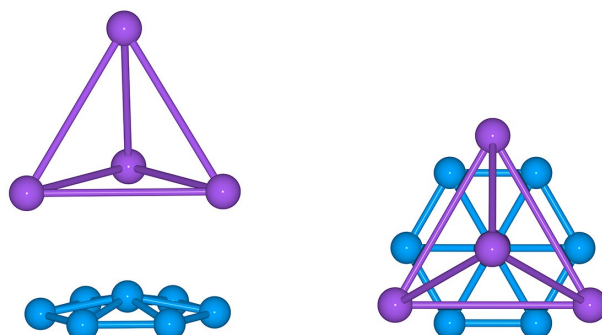


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A three-layered charge-transfer  $[\text{Na}_4]^{2+}[\text{B}_7]^{3-}[\text{Na}]^+$  cluster has three-fold  $6\pi/6\sigma/2\sigma$  aromaticity. Its tetrahedral  $[\text{Na}_4]^{2+}$  ligand is a simple example of three-dimensional aromaticity or superatom.