

**Synthesis, characterization and application of MCM-22 zeolites  
via conventional HMI route and temperature-controlled phase  
transfer hydrothermal synthesis**

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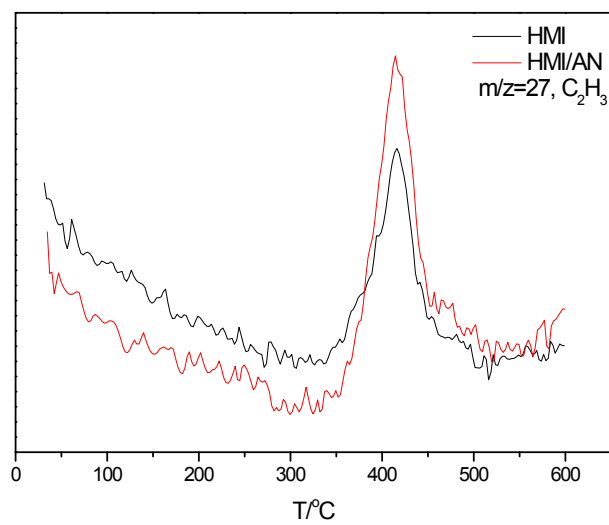


Fig. S1 TG-MS curves of MCM-22P zeolites ( $m/z = 27$ )

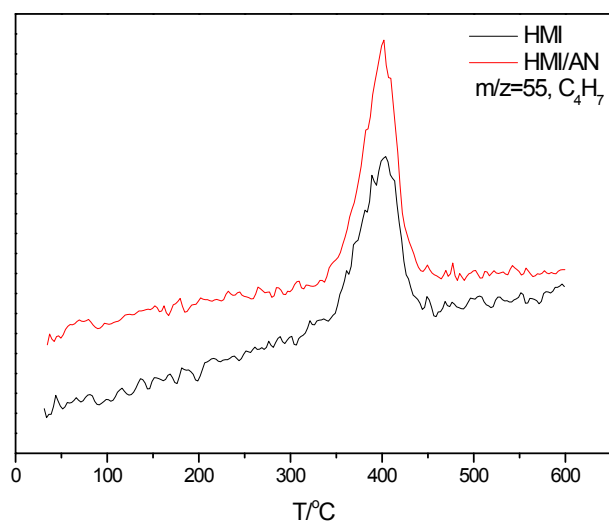


Fig. S2 TG-MS curves of MCM-22P zeolites ( $m/z = 55$ )

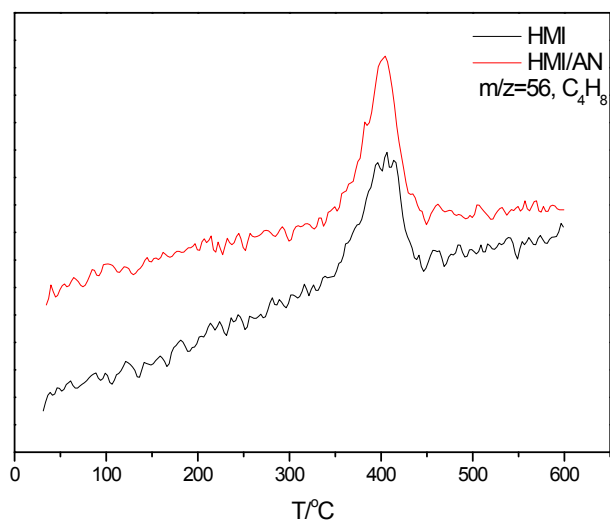


Fig. S3 TG-MS curves of MCM-22P zeolites ( $m/z = 56$ )

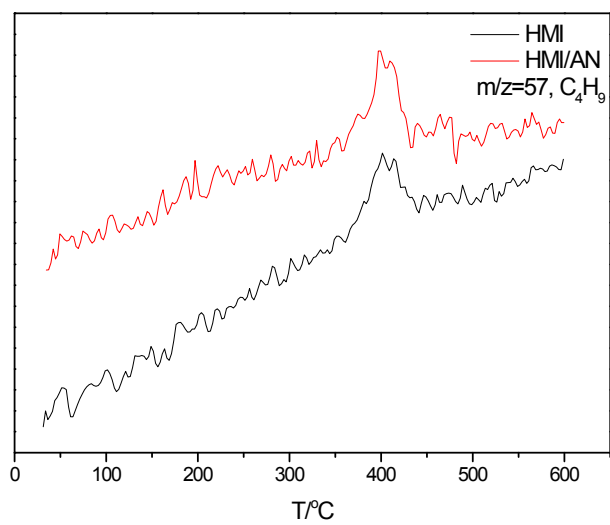


Fig. S4 TG-MS curves of MCM-22P zeolites ( $m/z = 57$ )

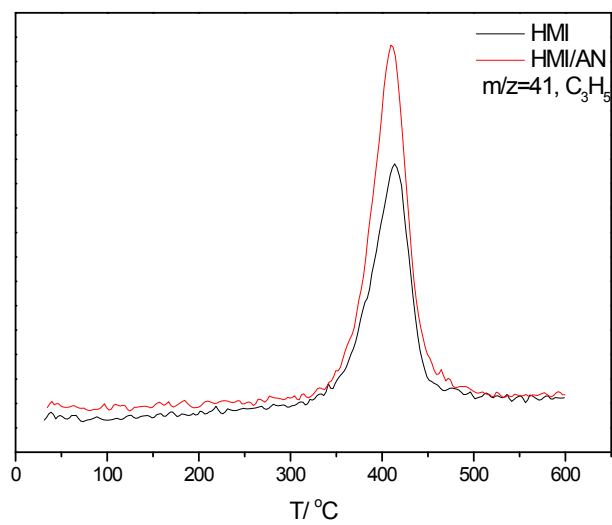


Fig. S5 TG-MS curves of MCM-22P zeolites ( $m/z = 41$ )

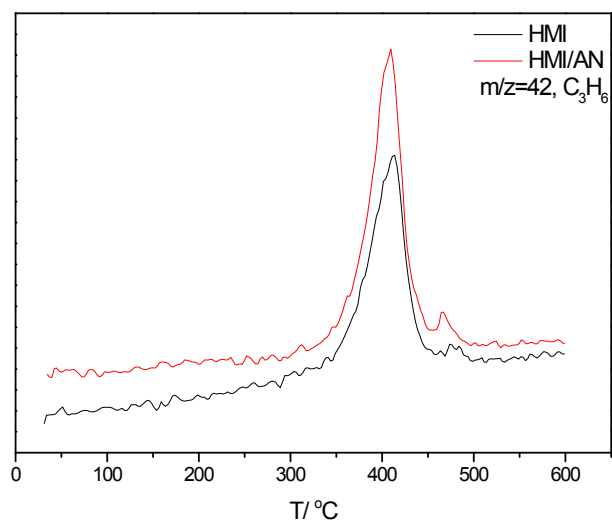


Fig. S6 TG-MS curves of MCM-22P zeolites ( $m/z = 42$ )

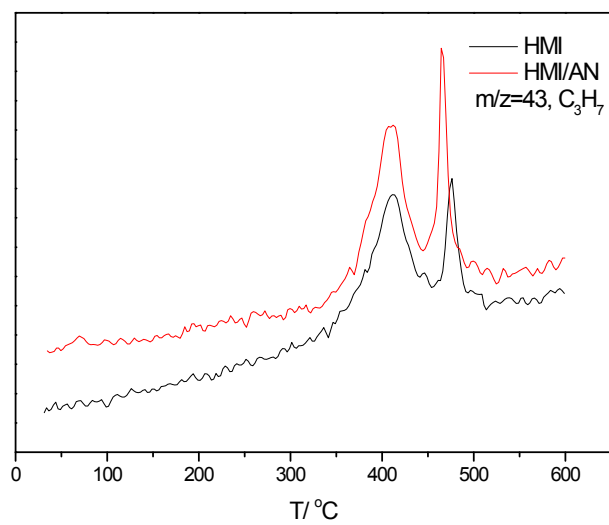


Fig. S7 TG-MS curves of MCM-22P zeolites ( $m/z = 43$ )