

FIG. 1

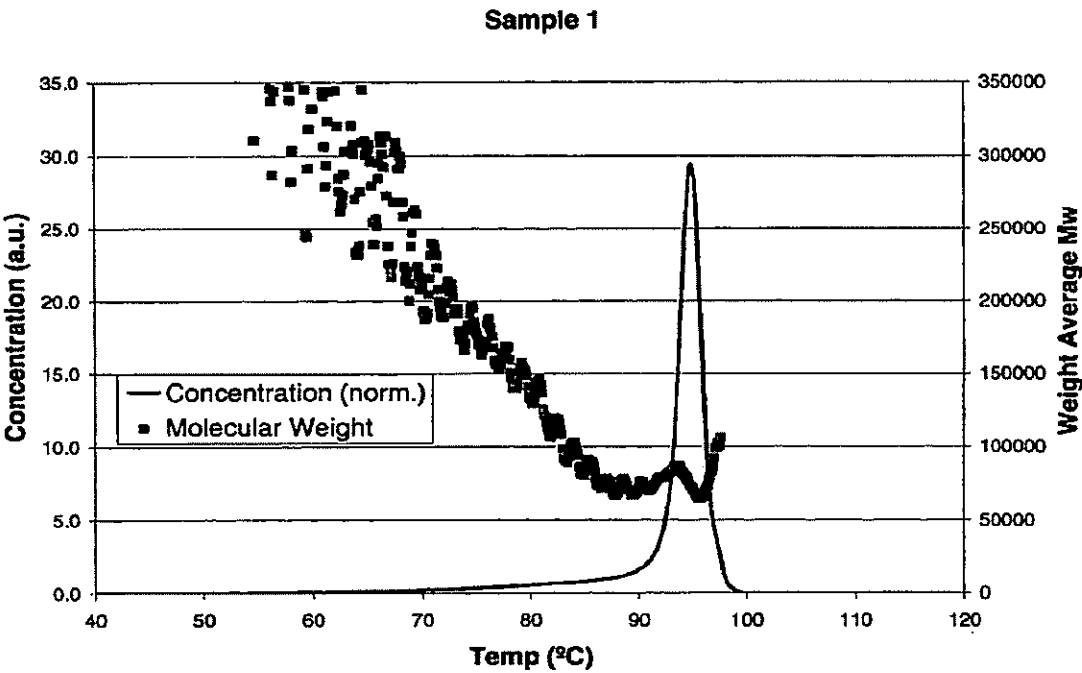


FIG. 2

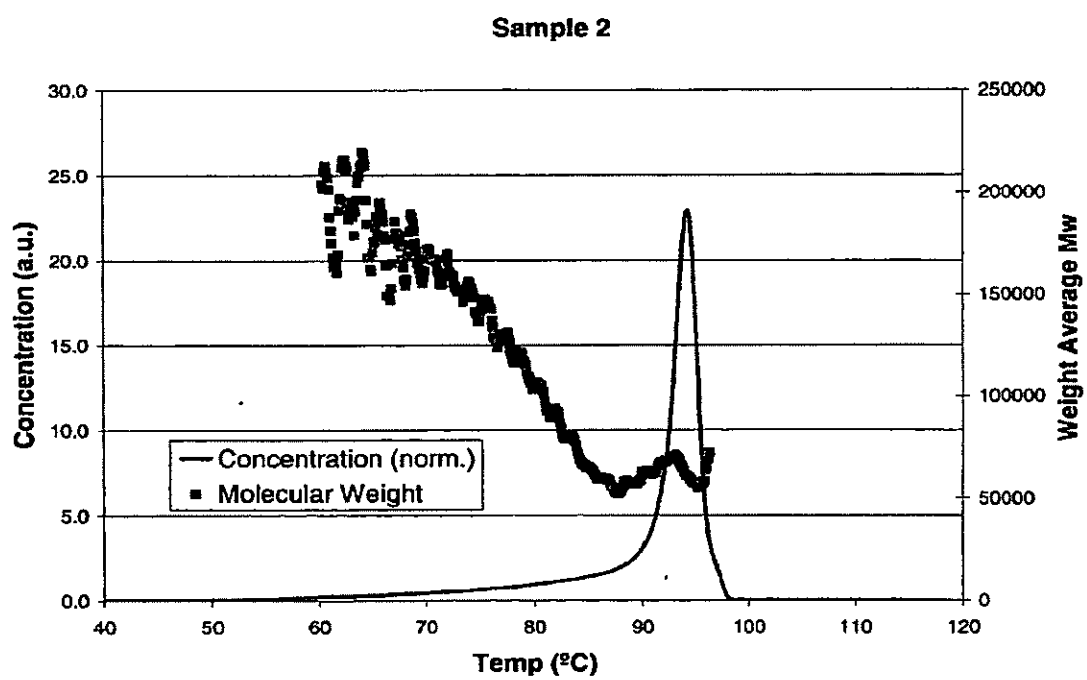


FIG. 3

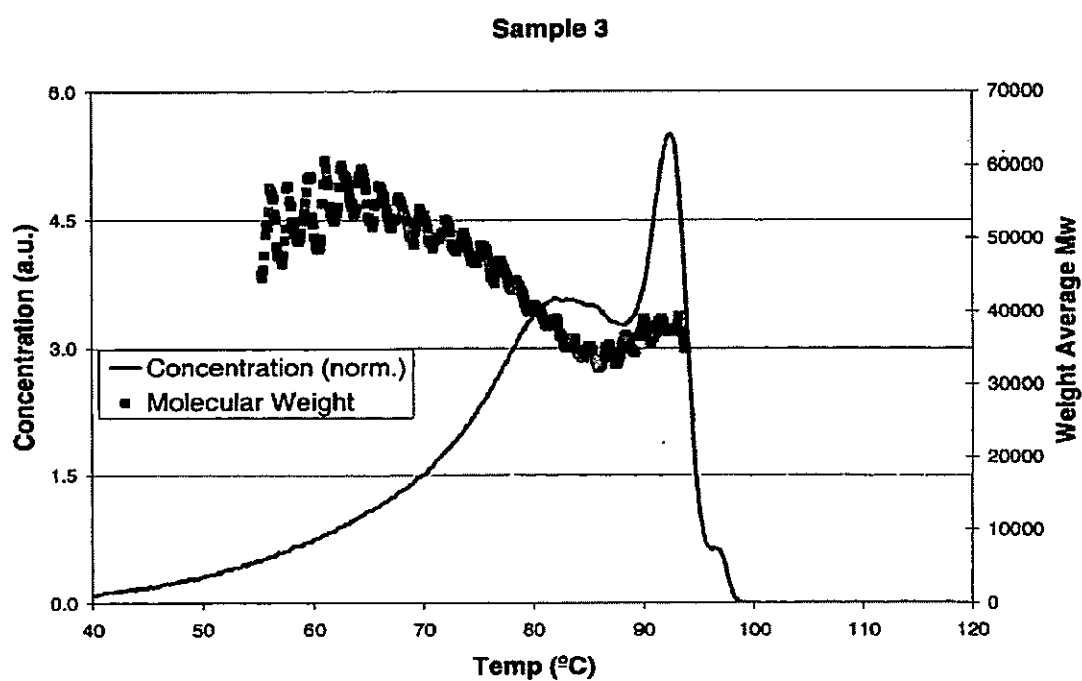


FIG. 4

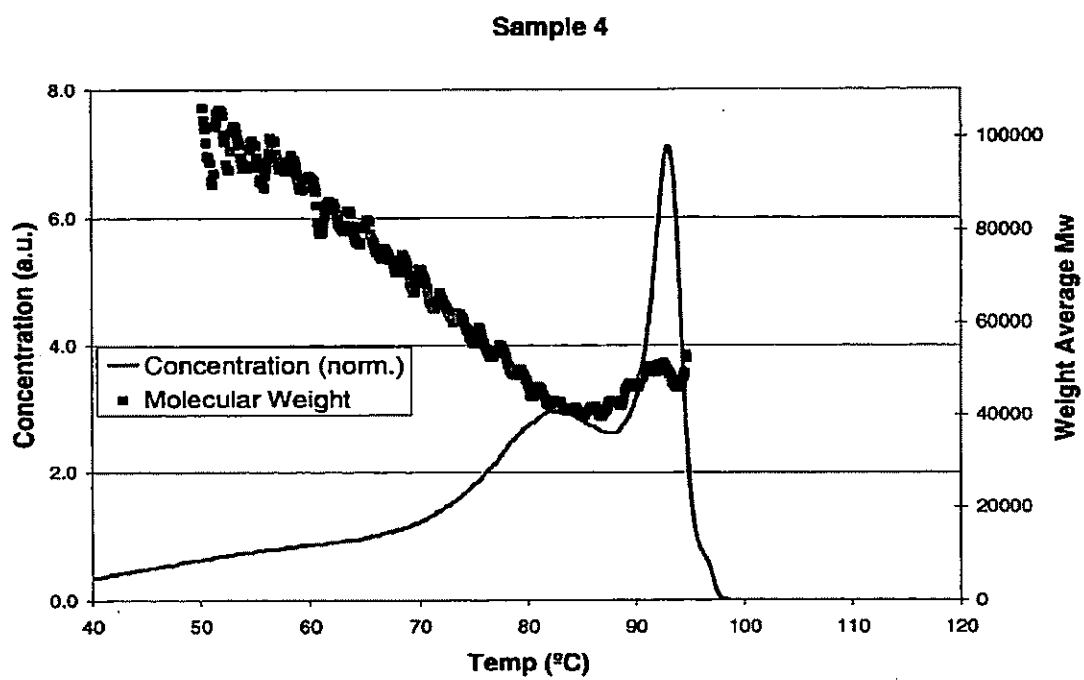


FIG. 5

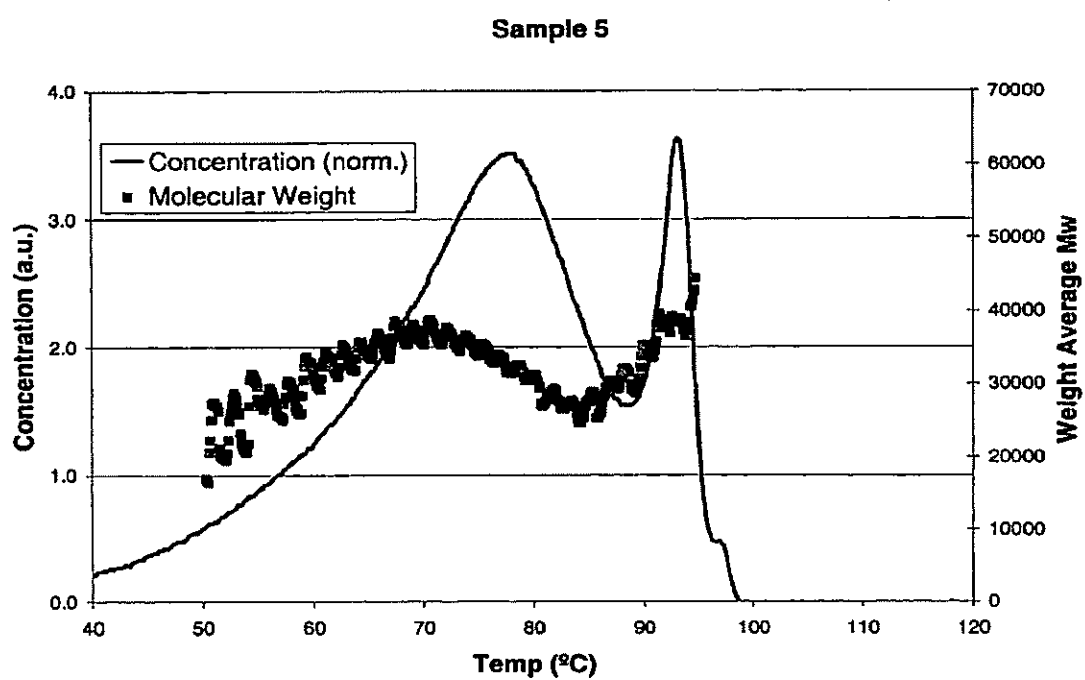


Fig. 6

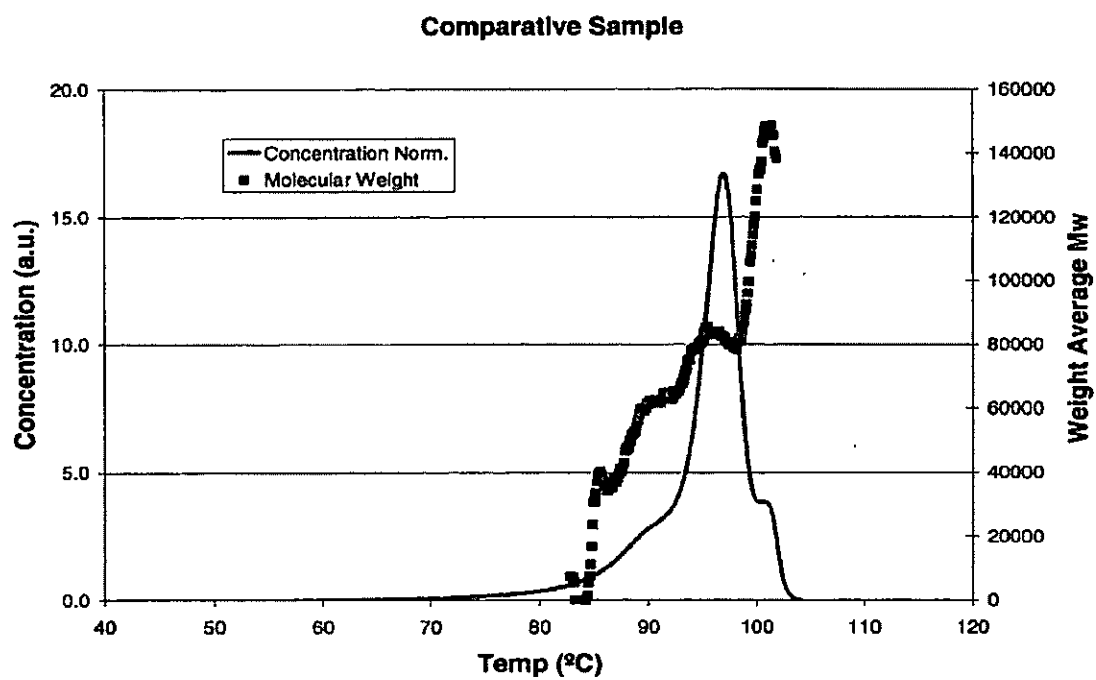
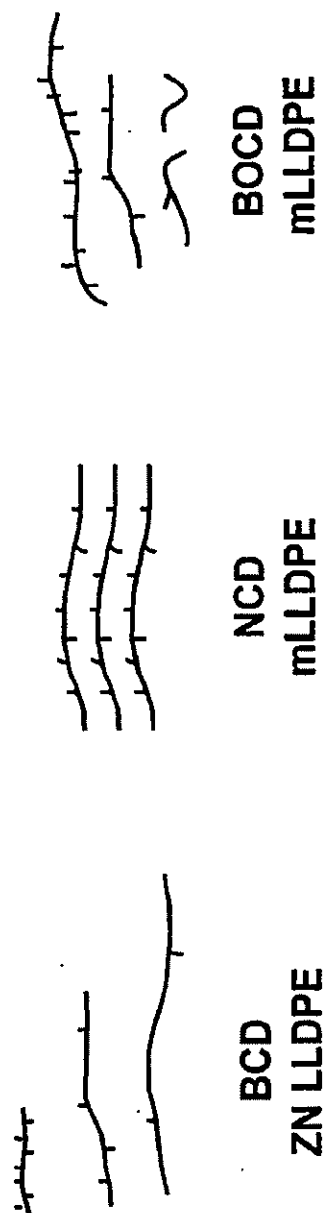


Figure 7



- **Broad orthogonal composition distribution (BOCD):** comonomer is predominantly incorporated into the long PE chains
- **Broad Composition Distribution (BCD):** comonomer is predominantly incorporated into the short PE chains
- **Narrow Composition Distribution (NCD):** comonomer does not vary much among the PE chains