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8. Apêndice

Método de refinamento de Rietveld.

8.1. Mordenita

Grupo espacial: Cmc21

Parâmetros refinados:

- Tamanho do cristalito
- Parâmetros de rede
- Orientação preferencial: harmônicos esféricos de ordem 8.

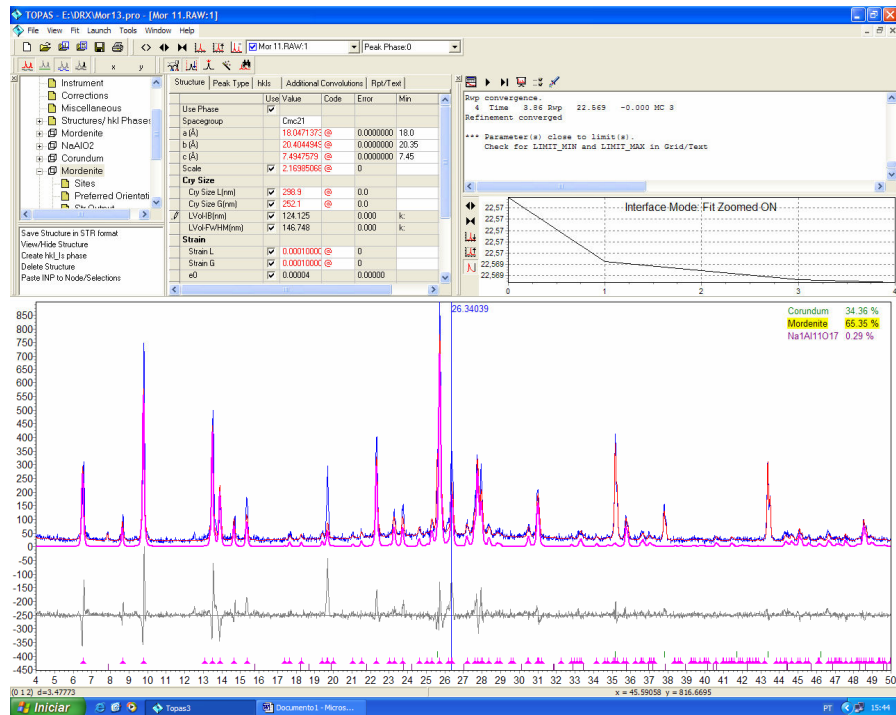


Figura 76. Difratoograma de raios-X de uma amostra de mordenita analisado no programa TOPAS.

8.2. Ferrierita

Grupo espacial: Imm2

Parâmetros refinados:

- Tamanho do cristalito
- Parâmetros de rede

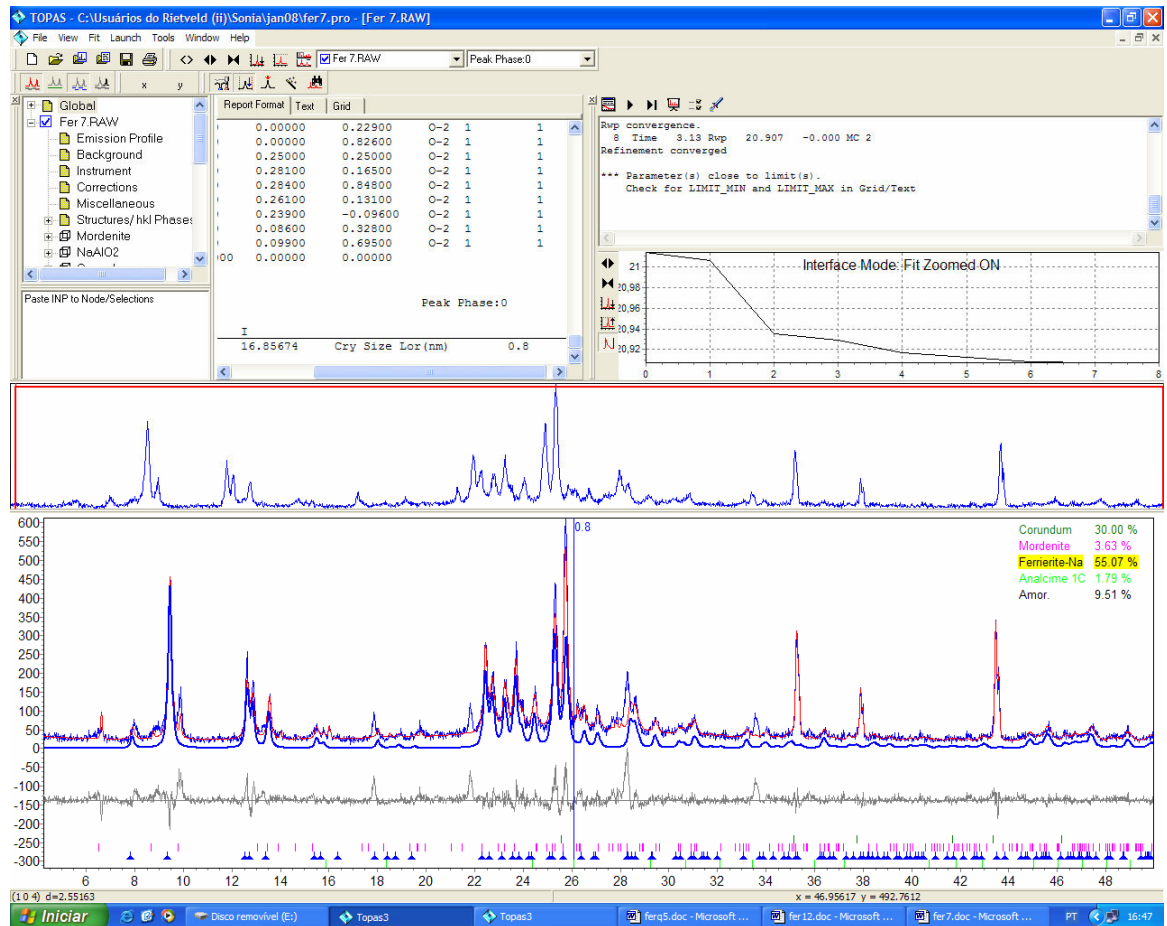


Figura 77. Difratoograma de raios-X de uma amostra de ferrierita analisado no programa TOPAS.

8.3. ZSM-5

Grupo espacial: Pnma

Parâmetros refinados:

- Tamanho do cristalito
- Parâmetros de rede
- Orientação preferencial: harmônicos esféricos de ordem 8.

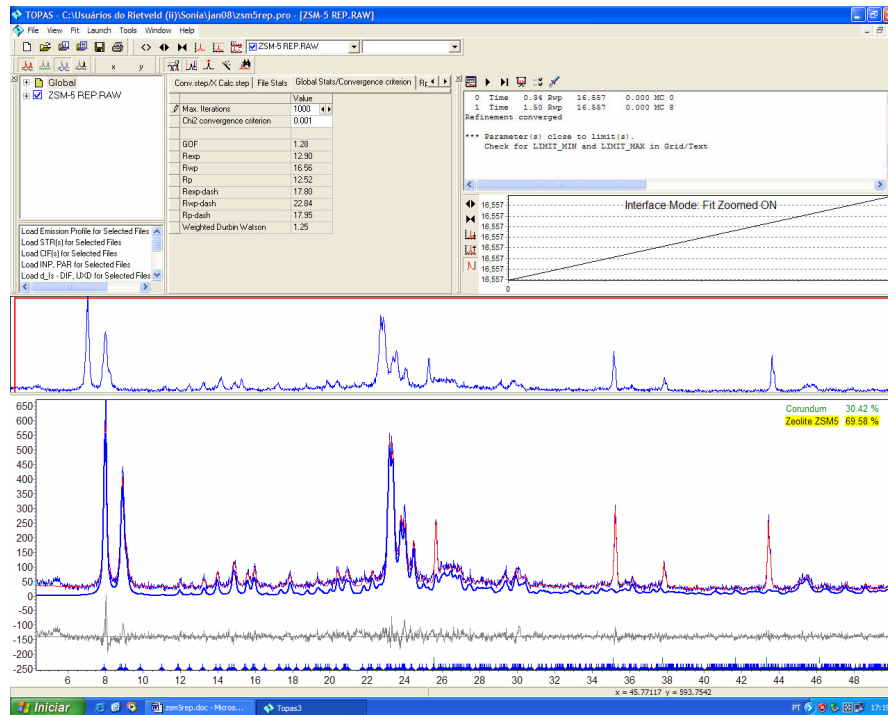


Figura 78. Difratoograma de raios-X de uma amostra de ZSM-5 analisado no programa TOPAS.