NMR spectra studies: – NMR spectroscopy is a physicochemical analysis technique based on the interaction of externally applied radiofrequency radiation with atomic nuclei.These NMR–active nuclei behave as tiny magnets (magnetic dipoles), capable of aligning with external magnetic fields (a process called magnetization).Only atomic nuclei with I != 0 are detectable by NMR spectroscopy (NMR–active nuclei, such as 1H, 2H, 13C and 15N).

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