

# **Comparison of various extraction approaches for optimized preparation of intracellular metabolites from human mesenchymal stem cells and fibroblasts for NMR-based study.**

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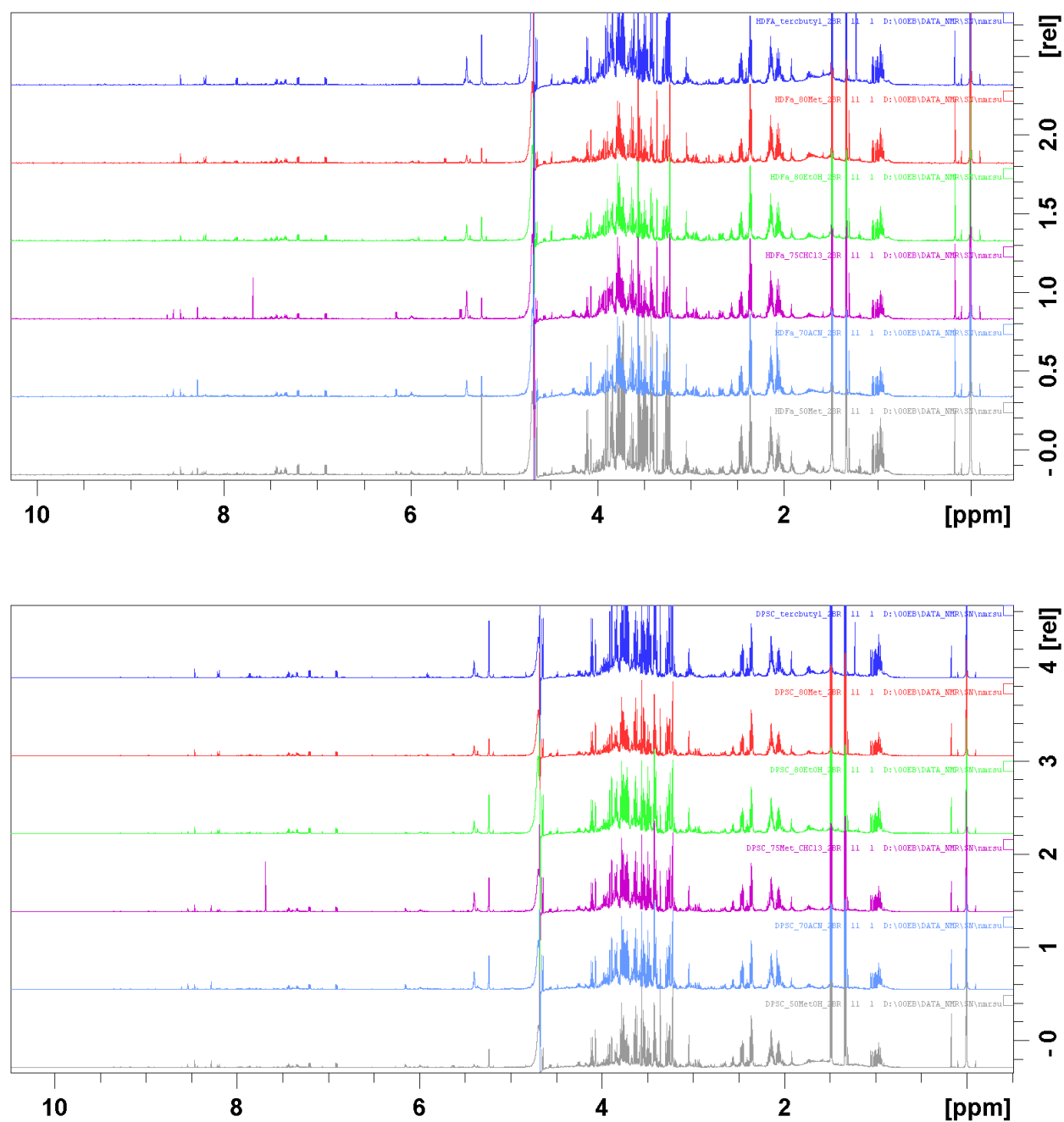


Figure : NMR spectra from the 2nd biological replica, different extraction methods, from up to down: MTBE, 80% MetOH, 80% EtOH, 75%MetOH + 25% CHCl<sub>3</sub>, 70% ACN, 50% MetOH, above – HDFA, below – DPSC cells

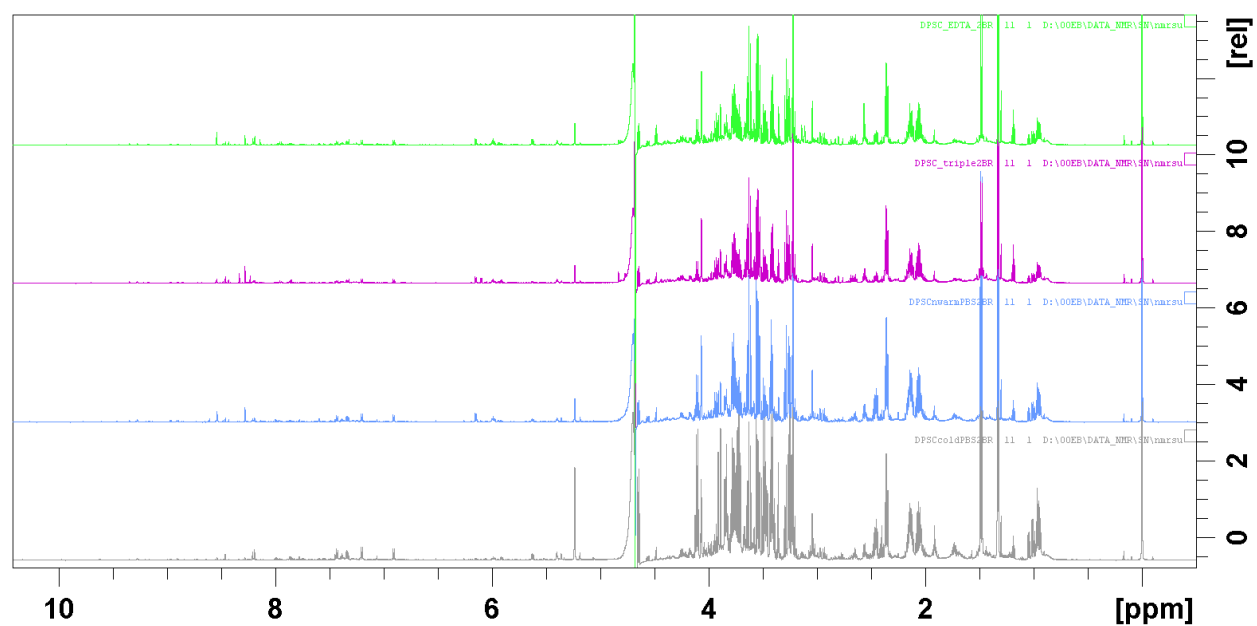
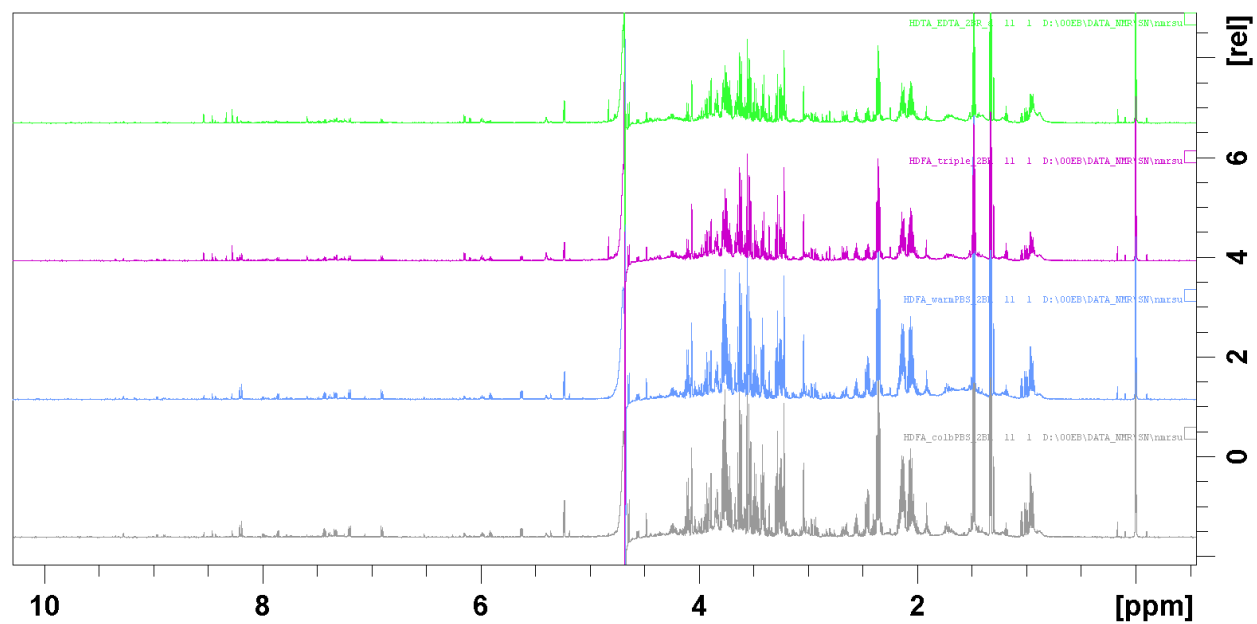


Figure : NMR spectra from the 2nd biological replica, different harvesting methods, from up to down: Trypsin-EDTA, TrypLE, warm PBS, cold PBS, above – HDFA, below – DPSC cells