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ABBREVIATIONS AND SYMBOLS

MISPE Molecularly imprinted solid-phase extraction

NVP Nevirapine

MIPs Molecularly imprinted polymers

NAM Nicotinamide

SPE Solid-phase extraction

HPLC High-performance liquid chromatography

GC Gas chromatography

LC-MS-MS Liquid chromatography tandem mass spectrometry

RIA Radio immunoassay

LLE Liquid-liquid extraction

UV Ultraviolet

ELISA Enzyme-link immunoassay

NNRTI Non-nucleoside reverses transcriptase inhibitor

BZM Benzamide

BZP Benzophenone

NIP Non-imprinted polymer

TRIM Trimethylopropane trimethacrylate

MAA Methacrylic acid

MeOH Methanol

THF Tetrahydrofuran

TEA Triethylamine

SD Standard deviation

%RA Percentage of relative accuracy

%RSD Percentage of relative standard deviation

M Molar

mM Millimolar

ml Milliliter

mg Milligram

nm Nanometer

mg/ml Milligram per milliliter

μg/ml Microgram per milliliter

ml/min Milliliter per minute

v/v Volumn by volumn

λ Wavelength

 λ_{max} The wavelength of maximum absorbance

α The imprinting factor

α' The NVP selectivity factor

mAU milli area unit