

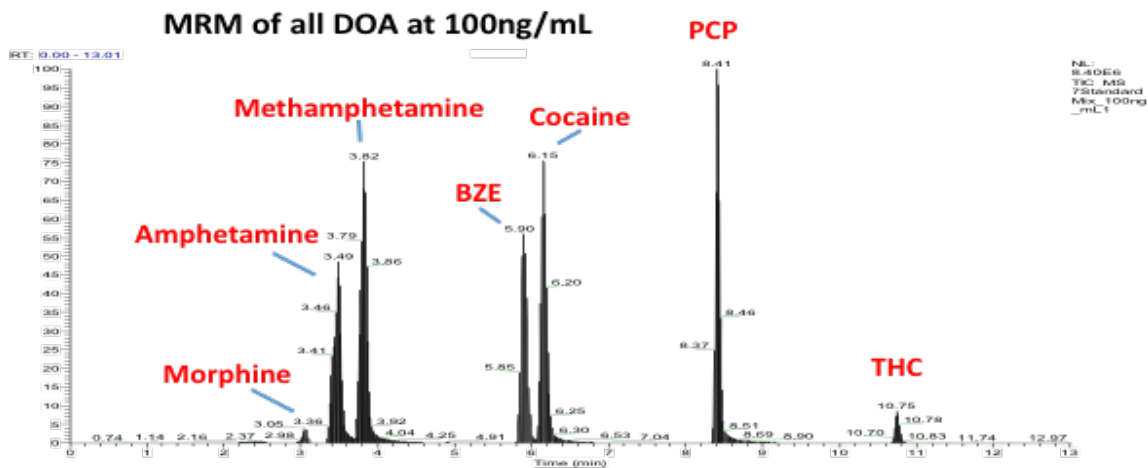
TRANSFORMING DRUGS OF ABUSE DETECTION: PRECISION, STABILITY AND RELIABILITY IN EVERY TEST

This advanced oral fluid-based technology offers enhanced drug detection and stabilization for drugs of abuse (DOA) testing. It significantly improves the accuracy and reliability of diagnostic tests by addressing common challenges, such as the degradation of analytes like THC, the complex composition of oral fluid, and inconsistent results in lateral flow and laboratory assays. This innovative solution optimizes extraction, stabilization, and sensitivity, offering a new level of precision in detecting drugs such as opiates, amphetamines, cannabis, and more.

Key Features

- **Enhanced Drug Stability:** Uses specialized chemical compositions to stabilize THC and other drugs in oral fluid, extending the analyte life at room temperature and improving solubility
- **Improved Sensitivity and Yield:** Incorporates an affinity capture matrix and chemical additives to enhance the extraction and detection of DOA, resulting in clearer, more accurate diagnostic results
- **Advanced Affinity Capture Matrix:** Isolates membranous and non-membranous DOAs, improving sensitivity, yield, and precision for lipid-bound drugs like THC
- **Precision Testing Methods:** Utilizes novel LC/MS processing protocols that increase analyte recovery, prolong half-life, and reduce errors in analysis
- **Commercial Viability:** Ideal for law enforcement, rehabilitation, workplace testing, and more, leveraging the fastest-growing segment in drug diagnostics: oral fluid testing

This breakthrough technology provides robust, reliable drug detection, making it a perfect fit for field use, lab analysis, and rapid diagnostics.



LC/MRM MS Method precisely identifies each DOA analyte. DOAs were processed using the aforementioned methodology and reagents at 100 ng/mL.

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