

Accertamenti su strada per guida sotto l'effetto di sostanze stupefacenti. Matrice: saliva (fluido orale)

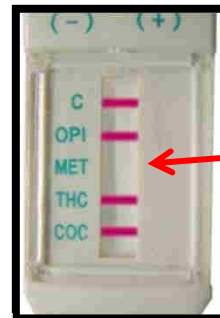
Accertamento preliminare



Test valido in corso



Accertamento probatorio

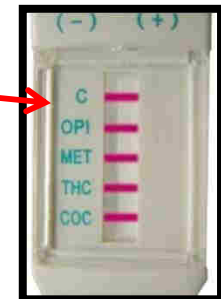


Test positivo

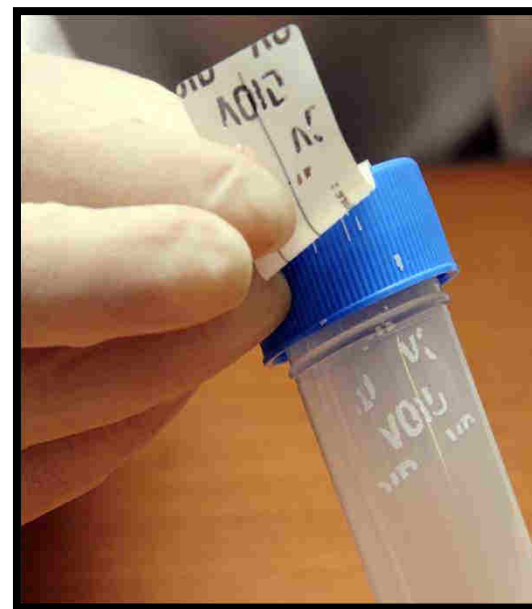
Una o più linee assenti in corrispondenza di una o più classi di sostanze

Test negativo

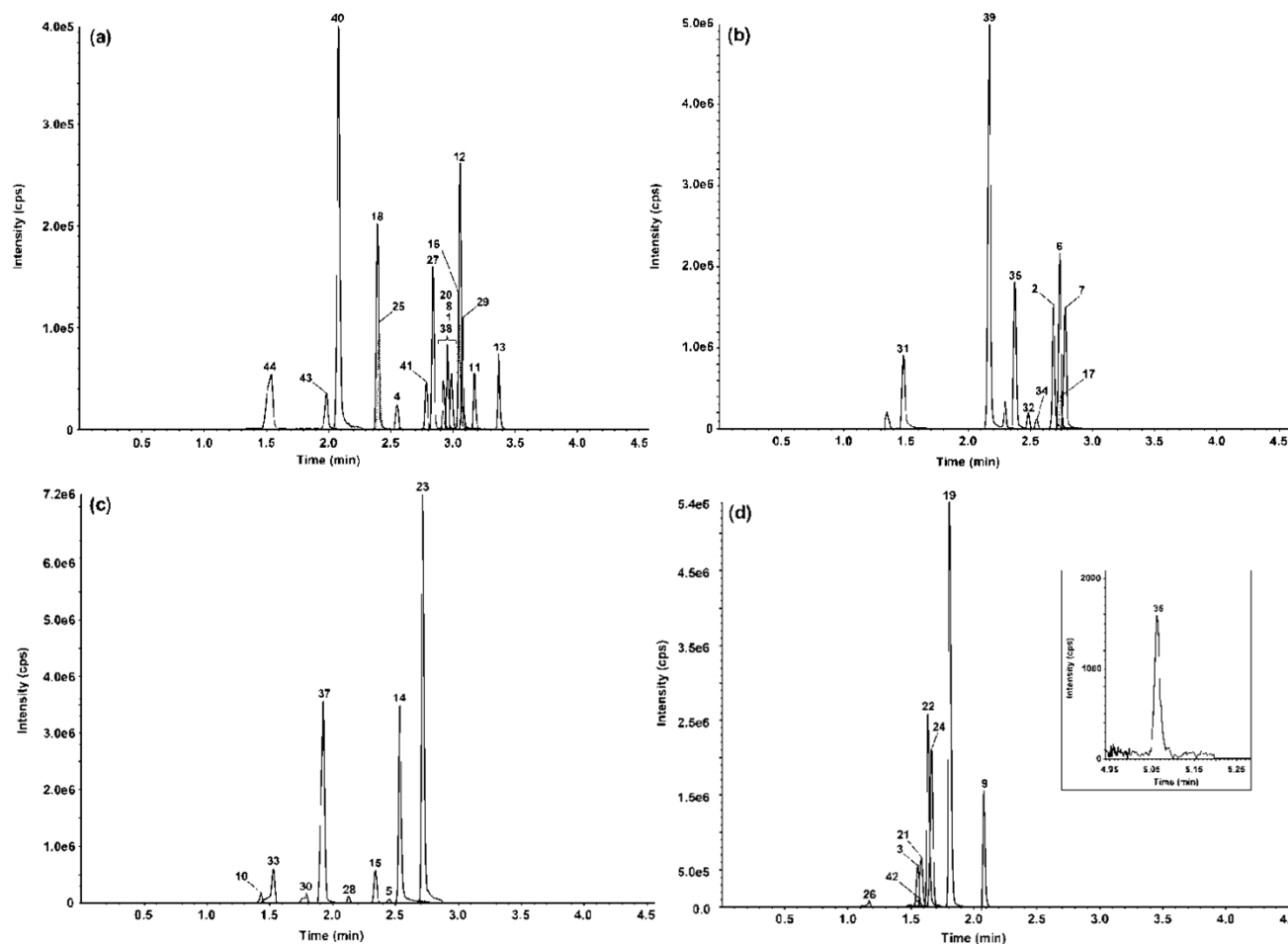
Tutte le linee sono presenti



In ambulanza o camper: prelievo di fluido orale



Fluidi orale: 44 droghe d'abuso e farmaci di interesse per i controlli su strada e il monitoraggio terapeutico

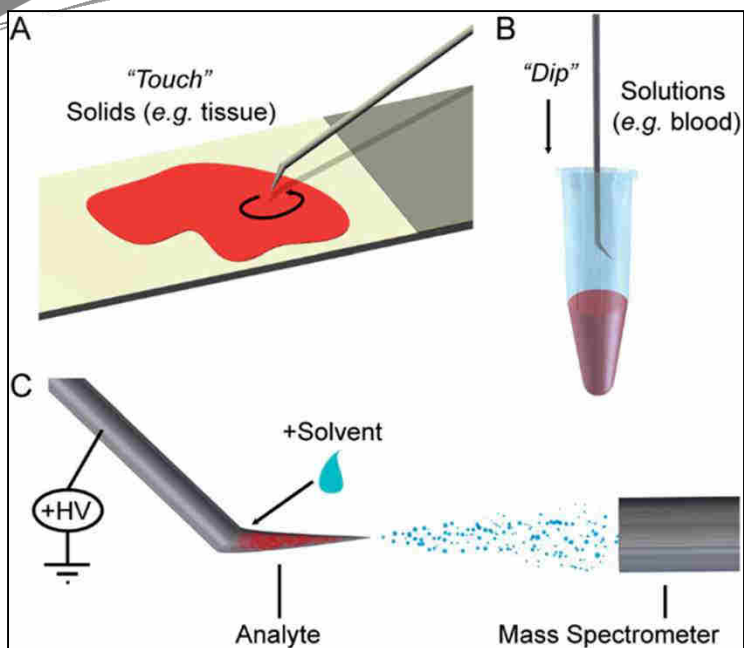


Determination of pharmaceutical and illicit drugs in oral fluid by ultra-high performance liquid chromatography–tandem mass spectrometry

D. Di Corcia, S. Lisi, V. Pirro, E. Gerace, A. Salomone, M. Vincenti

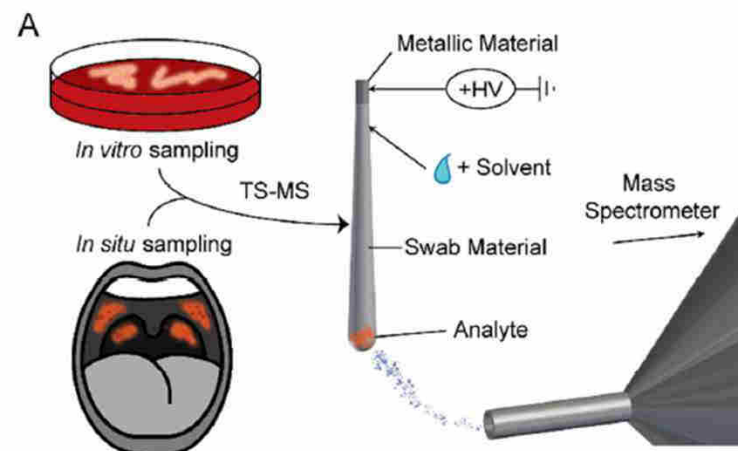
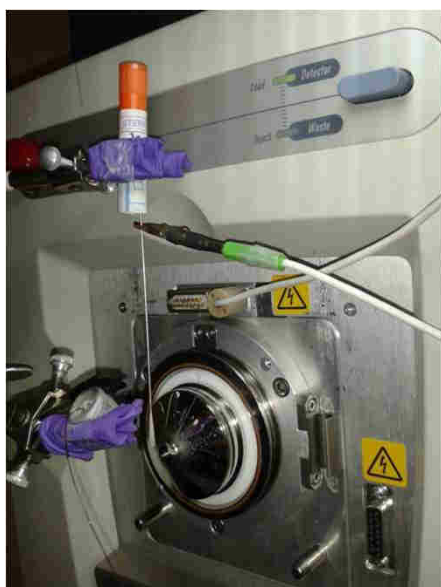
Journal of Chromatography B, 927 (2013) 133– 141

Touch Spray Mass Spectrometry

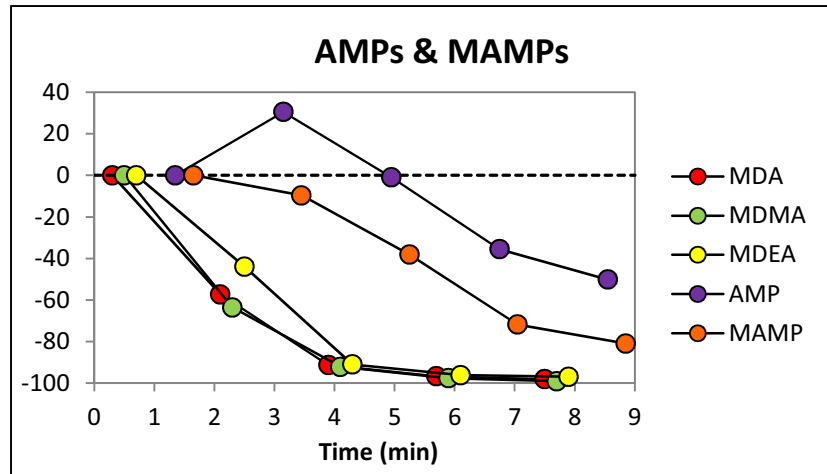


Touch spray MS with medical swabs for drug detection in oral fluid

V.Pirro, A.K.Jarmusch, M.Vincenti, R.G.Cooks - Analytica Chimica Acta, 2015,861,47-54



Touch spray mass spectrometry with medical swabs for drug detection in oral fluid



Cocaine

BZE

Morphine

6-MAM

Codeine

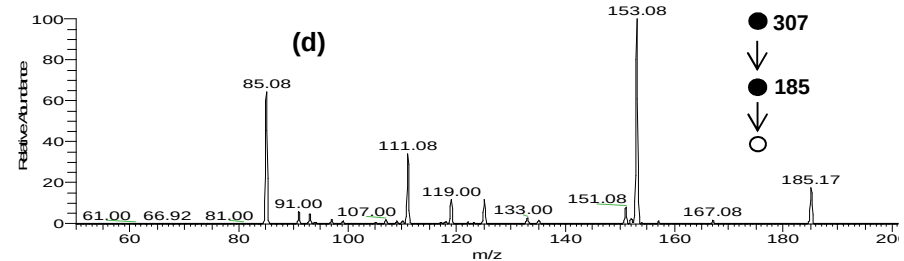
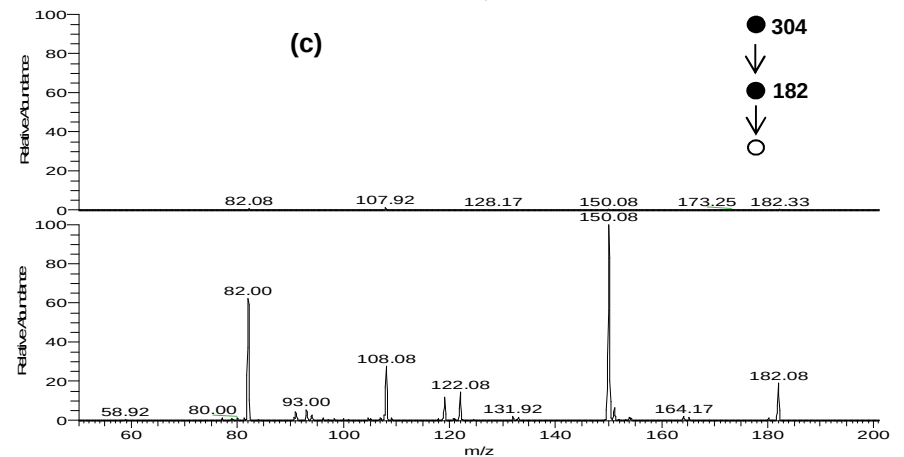
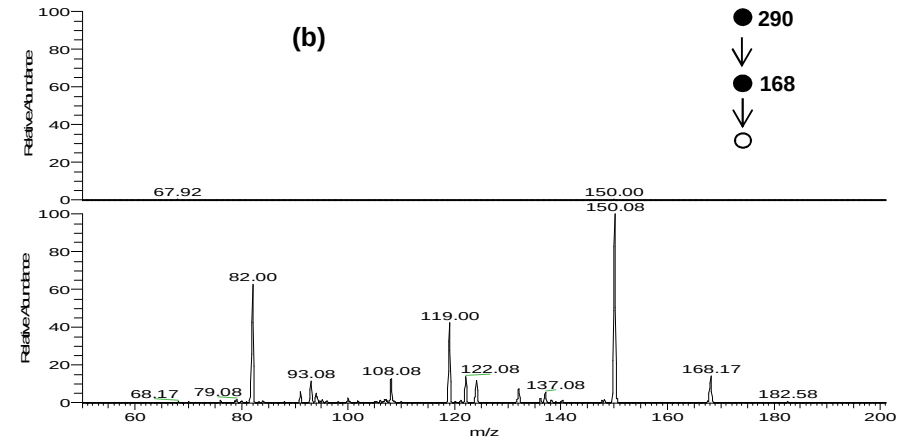
Methadone

Buprenorphine

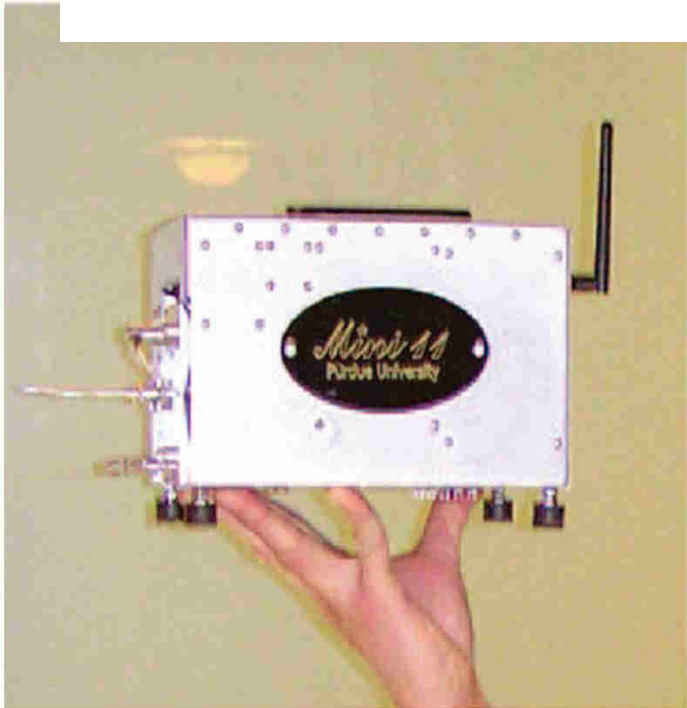
AMP, MAMP,

MDMA, MDA, MDEA

Ketamine



- ❖ Validazione come metodo quali- e quantitativo
- ❖ Metodo di untargeted screening & conferma basato su esperimenti di MS³
- ❖ Determinazione di cationi & cannabinoidi sintetici
- ❖ Determinazione in situ e “drug testing” su strada



**Prospettive
future**

**IL MONDO E'
PIENO DI
IMPOSTORI...**



**L'IMPORTANTE
E' RIUSCIRE A
RICONOSCERLI !**

Grazie per l'attenzione

