

Single-walled carbon nanohorns as boosting surface for the analysis of low-molecular weight compounds by SALDI-MS

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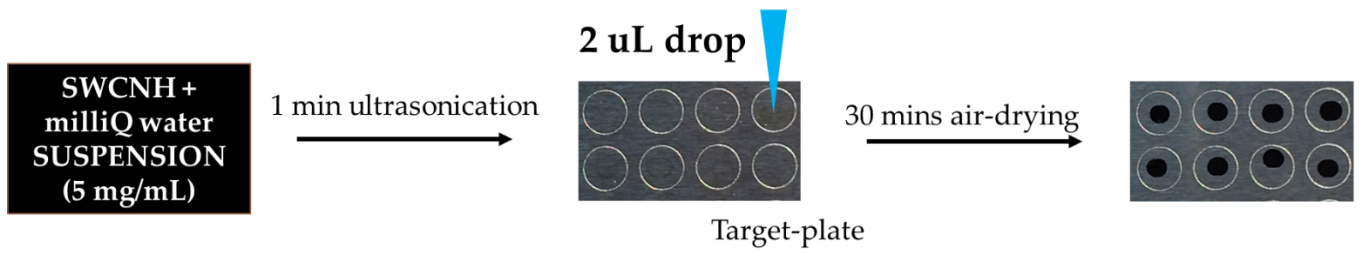
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Supplementary Material

Table S1: Ionic species identified in the analysis of a water solution of glycine and phenylalanine (1 mg/mL each) by SALDI-MS. Spectra reported in Figure 2. Mass accuracy: <150 ppm.

Detected Species	Glycine (Figure 2, panel A)	Phenylalanine (Figure 2, panel B)
$[M+H]^+$	Not detected	166.090
$[M+Na]^+$	98.023	188.085
$[M+K]^+$	114.009	204.075
$[M-H+2Na]^+$	120.005	210.055
$[M-H+Na+K]^+$	135.984	226.033
$[M-H+2K]^+$	151.962	242.007

SWCNH surface preparation



Sample deposition

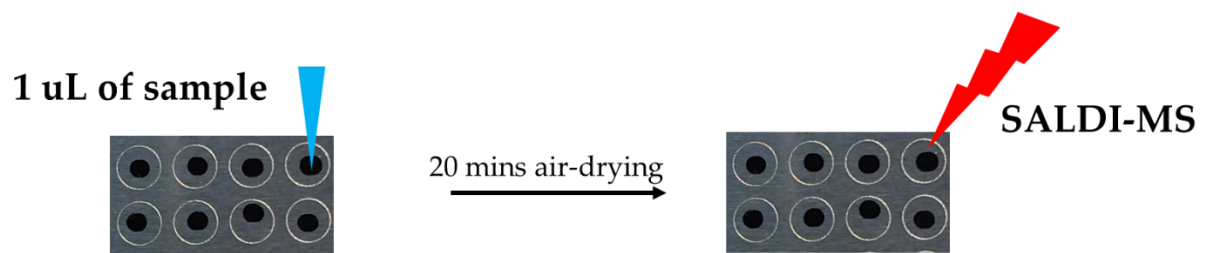


Figure S1: Schematic representation of the optimized procedure for the preparation of the SWCNH-based surface and sample deposition.