

ABSTRACT

Title: An atmospheric pressure ionisation source

- 5 An atmospheric pressure ionisation source comprising: an ionisation chamber,
comprising an aperture for receiving at least the distal end of a capillary into
the ionisation chamber in use, the aperture having a capillary axis; a
desolvation heater having a nozzle, for directing a stream of heated gas onto
the distal end of the capillary in use, the nozzle having a nozzle axis; a corona
10 discharge device including a corona pin having a corona axis, the corona pin
for ionizing a sample in the ionisation chamber in use; and an inlet cone of a
mass spectrometer arranged in the ionisation chamber, the inlet cone defining
a cone entrance having a cone axis, wherein the cone axis is substantially
coaxial with the corona axis and the capillary axis is substantially
15 perpendicular to and intersects with the nozzle axis.

Figure 1