

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

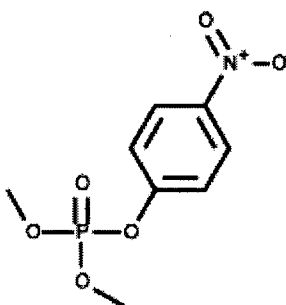
Analyte: Paraoxon-methyl

CAS No.: 950-35-6

Formula: C₈H₁₀NO₆P

Molecular mass (lowest isotopes): 247,03 amu

Structure:



Ionisation: ESI +

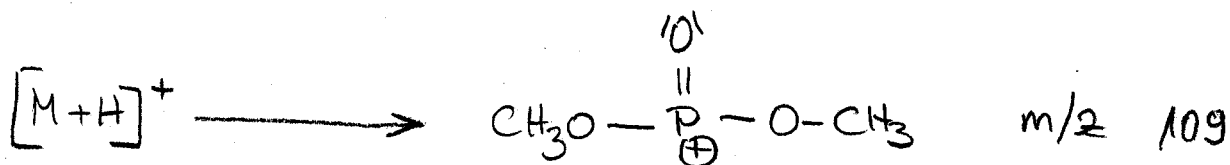
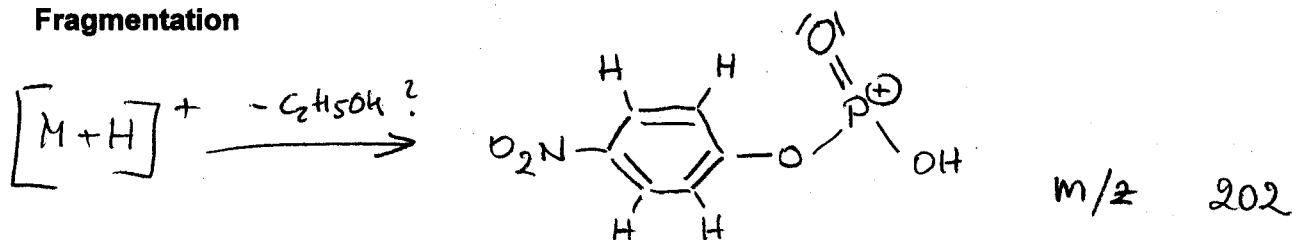
Quasimolecular ion: 248,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	248,0 → 109,1	248,0 → 202,1
Declustering potential (DP) ^{*)}	54 V	54 V
Focusing potential (FP)	360 V	340 V
Entrance potential (EP)	11,0 V	12,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	35 V	25 V
Collision cell exit potential (CXP)	6 V	10 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT200407141415.wiff (Turbo Spray) Max. 2.5e7 cps

