

MS/MS Parameters of Pesticides

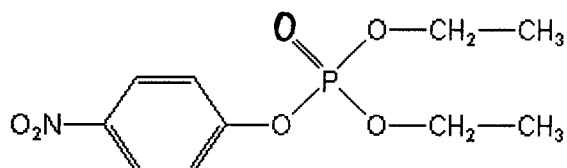
Analyte: Paraoxon

CAS No.: 311-45-5

Formula: C₁₀H₁₄NO₆P

Molecular mass (lowest isotopes): 275,06 amu

Structure:



Ionisation: ESI +

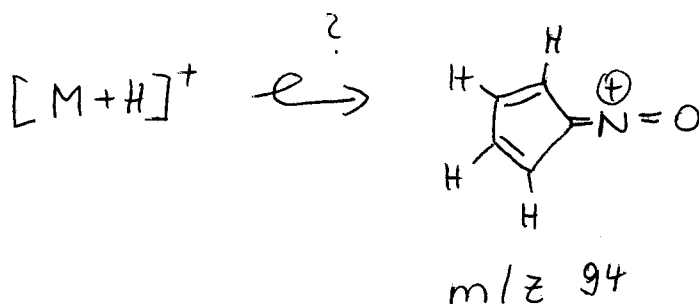
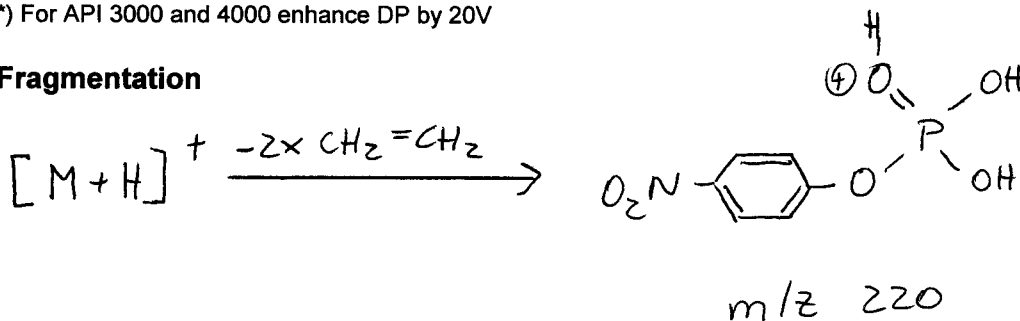
Quasimolecular ion: 276,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

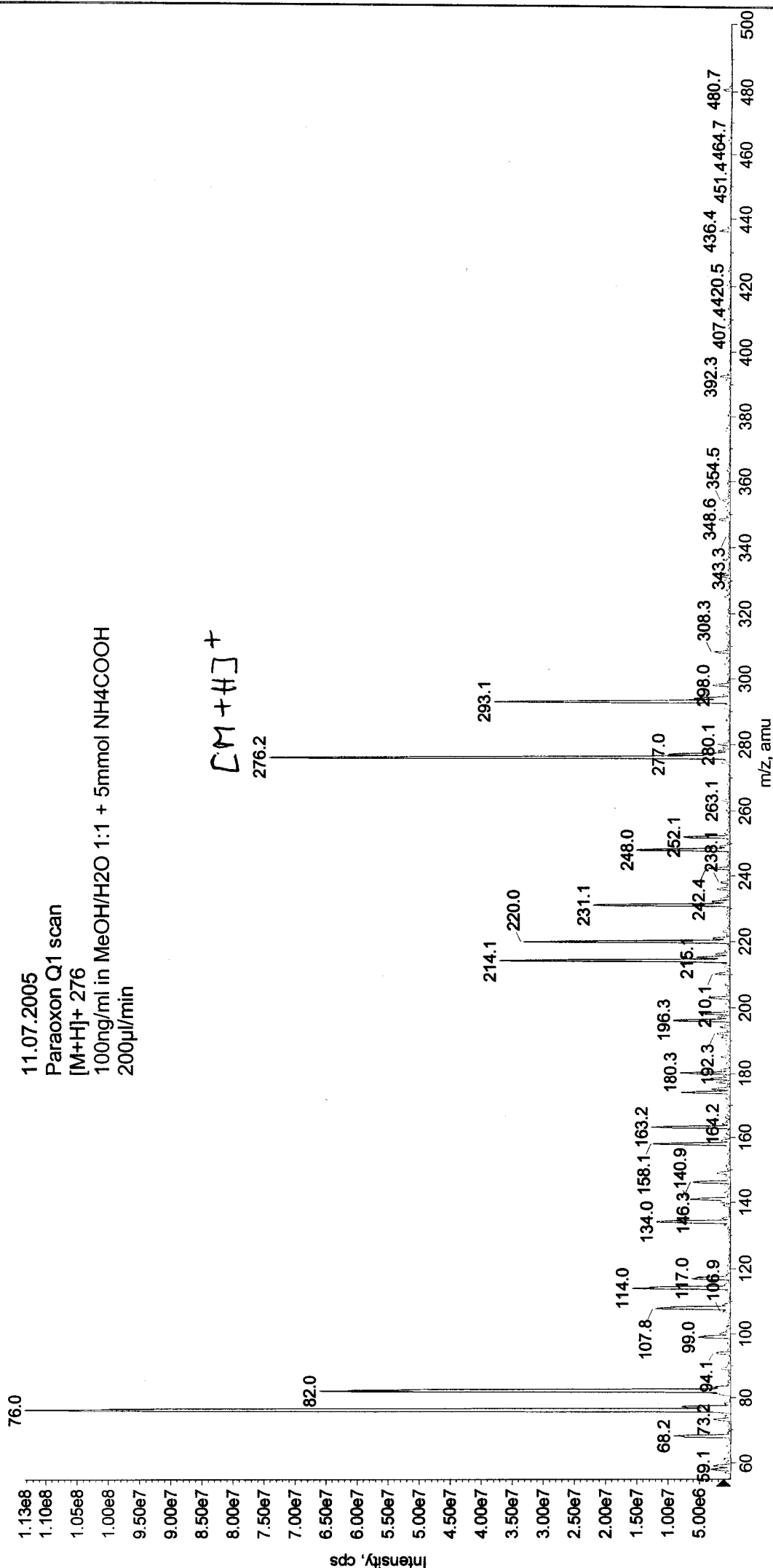
Transition	276,1 → 220,0	276,1 → 94,2
Declustering potential (DP) ^{*)}	74V	74 V
Focusing potential (FP)	350 V	360 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	19 V	45 V
Collision cell exit potential (CXP)	12 V	4 V

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

Fragmentation



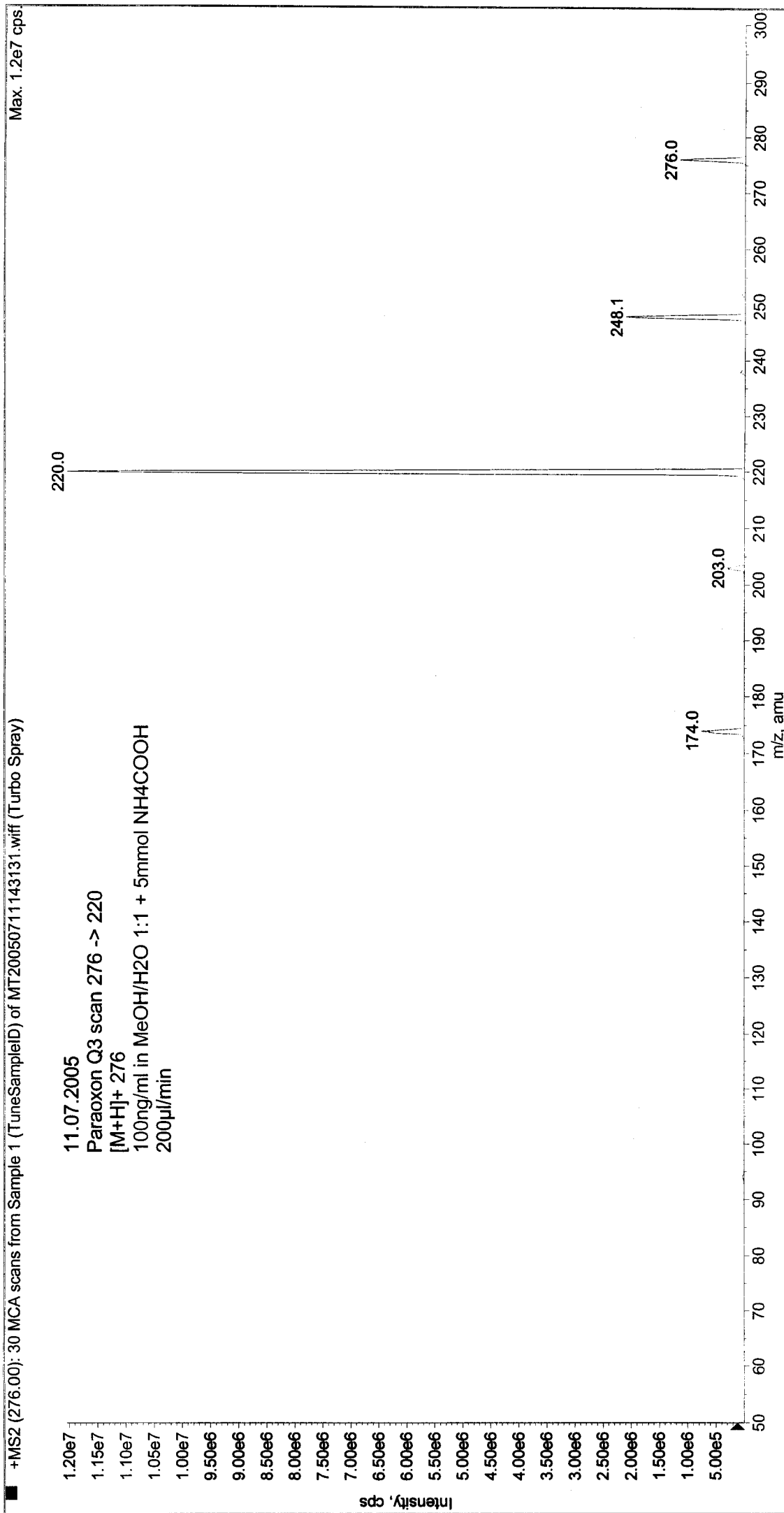
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050711141804.wiff (Turbo Spray) Max. 1.1e8 cps.



Printing Time: 14:32:34
Printing Date: Monday, July 11, 2005

Acq. Time: 14:31
Acq. Date: Monday, July 11, 2005
Acq. File: MT20050711143131.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



+MS2 (276.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050711143444.wiff (Turbo Spray)

Max. 9.7e6 cps.

