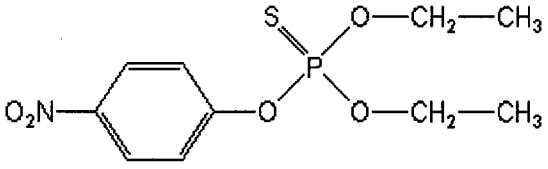
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Parathion

CAS No.: 56-38-2
Formula: C10H14NO5PS
Molecular mass (lowest isotopes): 291,03 amu

Structure:



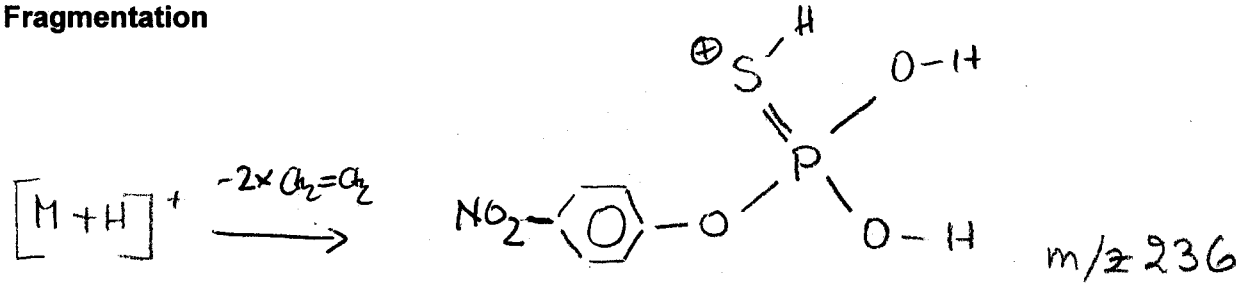
Ionisation: ESI + Quasimolecular ion: 292,0 amu = [M+H]+

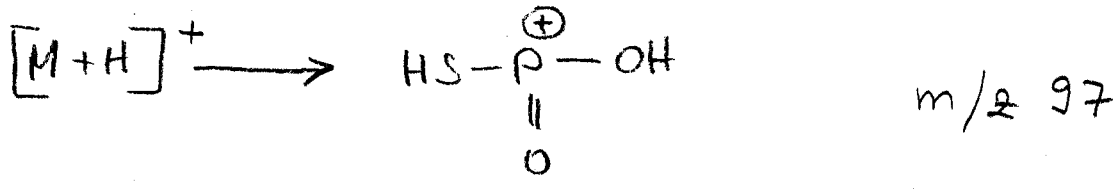
Analyte sensitive parameter set (API 2000)

Transition	292,0 → 236,1	292,0 → 97,0
Declustering potential (DP)*)	49 V	49 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	21 V	39 V
Collision cell exit potential (CXP)	14 V	4 V

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

Fragmentation





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Printing Date: Monday, June 28, 2004

Acq. Time: 09:21
Acq. Date: Monday, June 28, 2004
Acq. File: MT20040628092108.wiff

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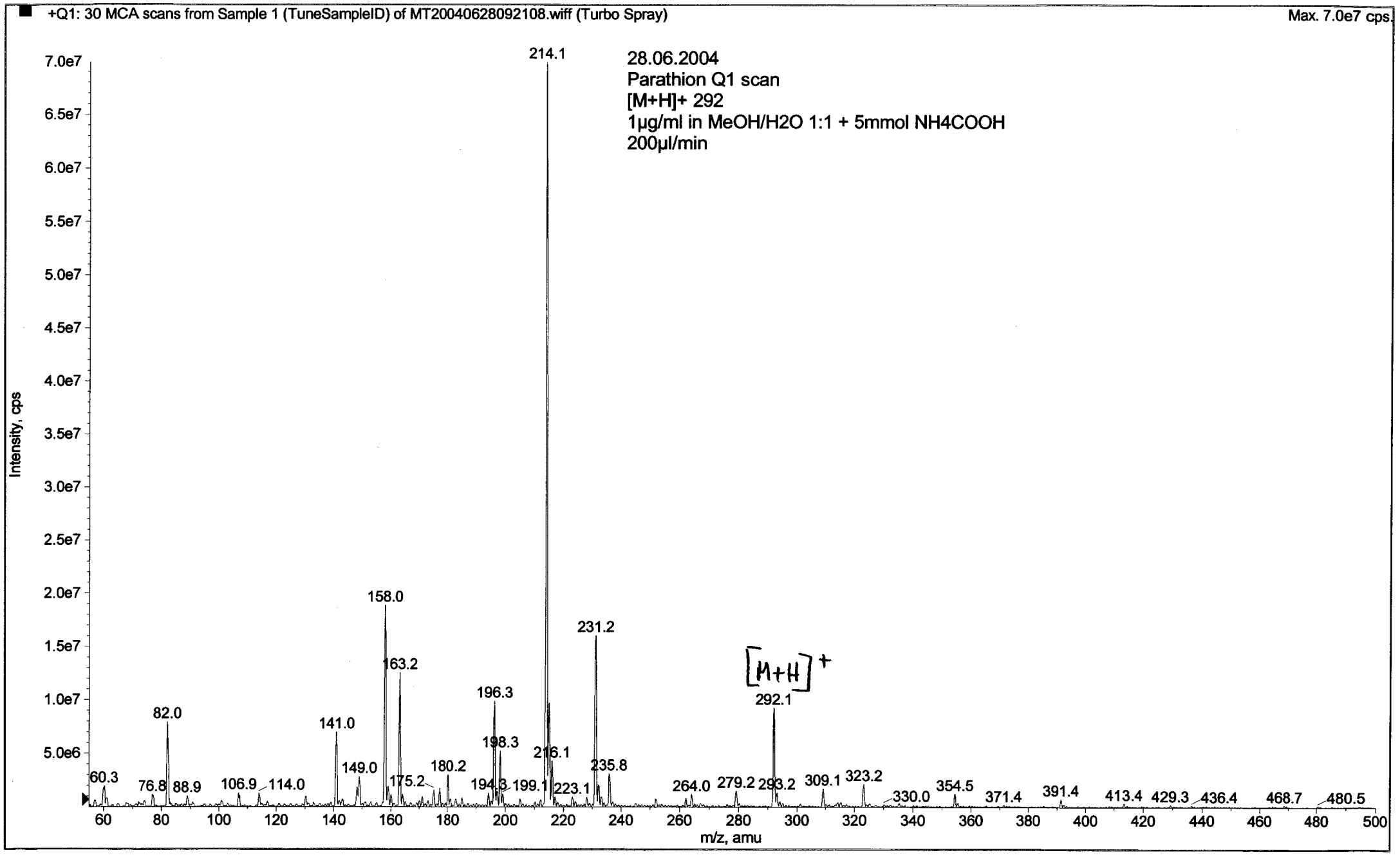
Batch Name: ManualTune.bat



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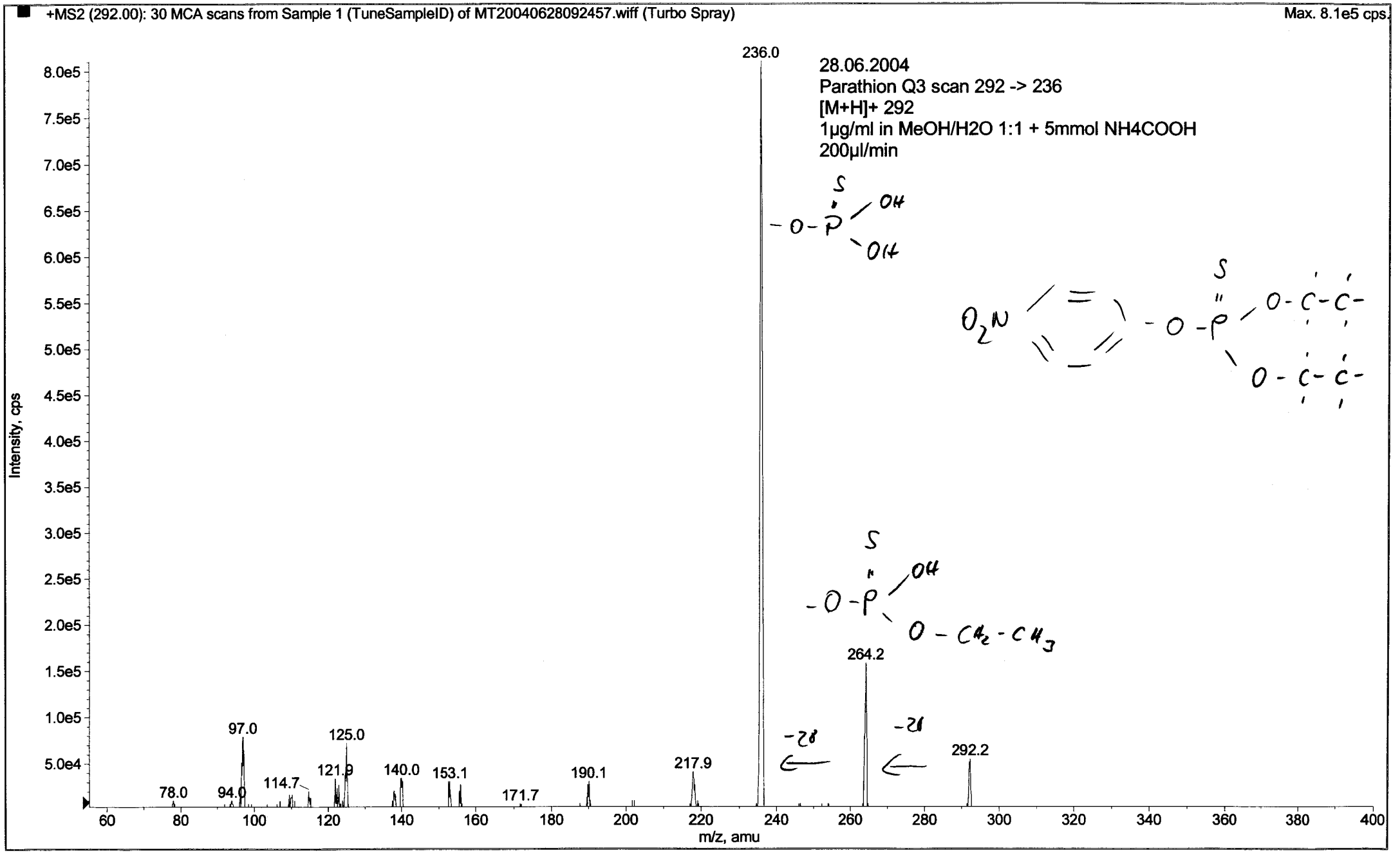

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Printing Date: Monday, June 28, 2004

Acq. Time: 10:20
Acq. Date: Monday, June 28, 2004
Acq. File: MT20040628102033.wiff

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