

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

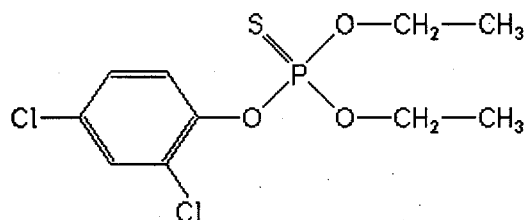
Analyte: Dichlofenthion

CAS No.: 97-17-6

Formula: C₁₀H₁₃Cl₂O₃PS

Molecular mass (lowest isotopes): 314,00 amu

Structure:



Ionisation: ESI +

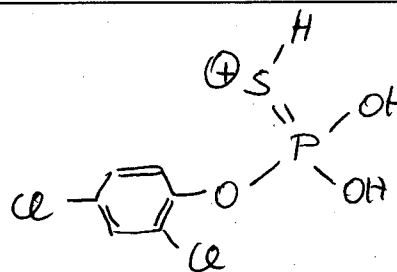
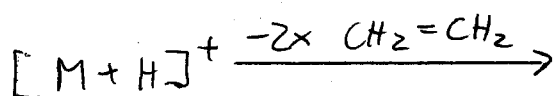
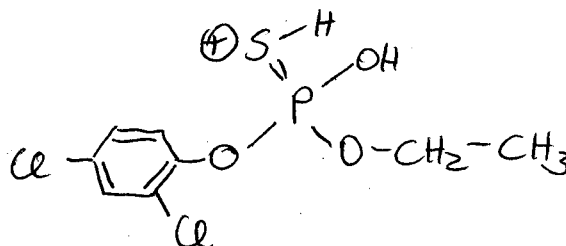
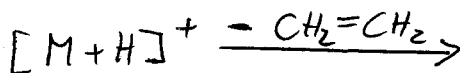
Quasimolecular ion: 314,9 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	314,9 → 258,9	314,9 → 286,9
Declustering potential (DP) ^{*)}	26V	26 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	11,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	21 V	15 V
Collision cell exit potential (CXP)	14 V	16 V

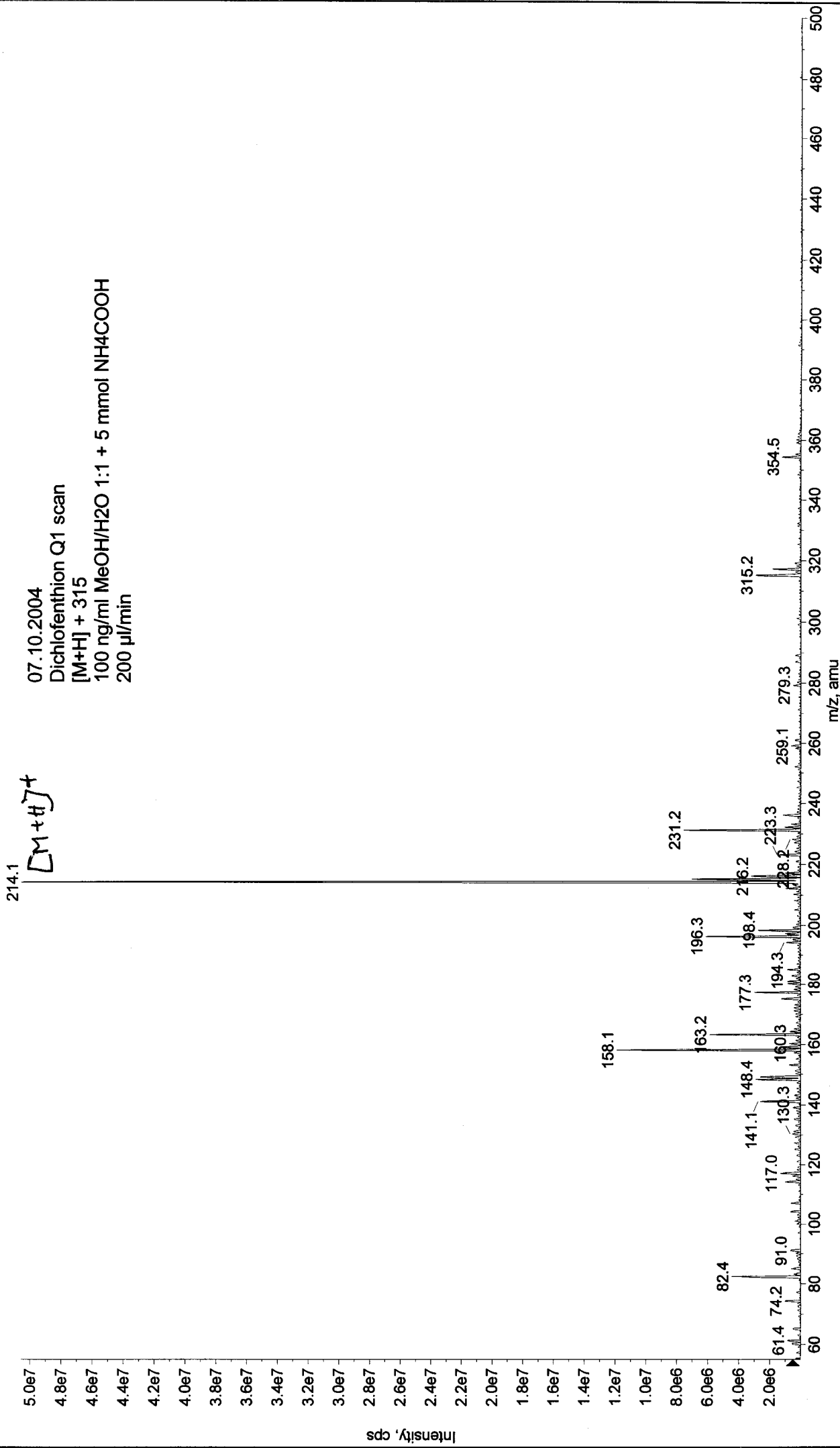
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

 m/z 259/261 m/z 287

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20041007145337.wiff (Turbo Spray)

Max 5.1e7 cps

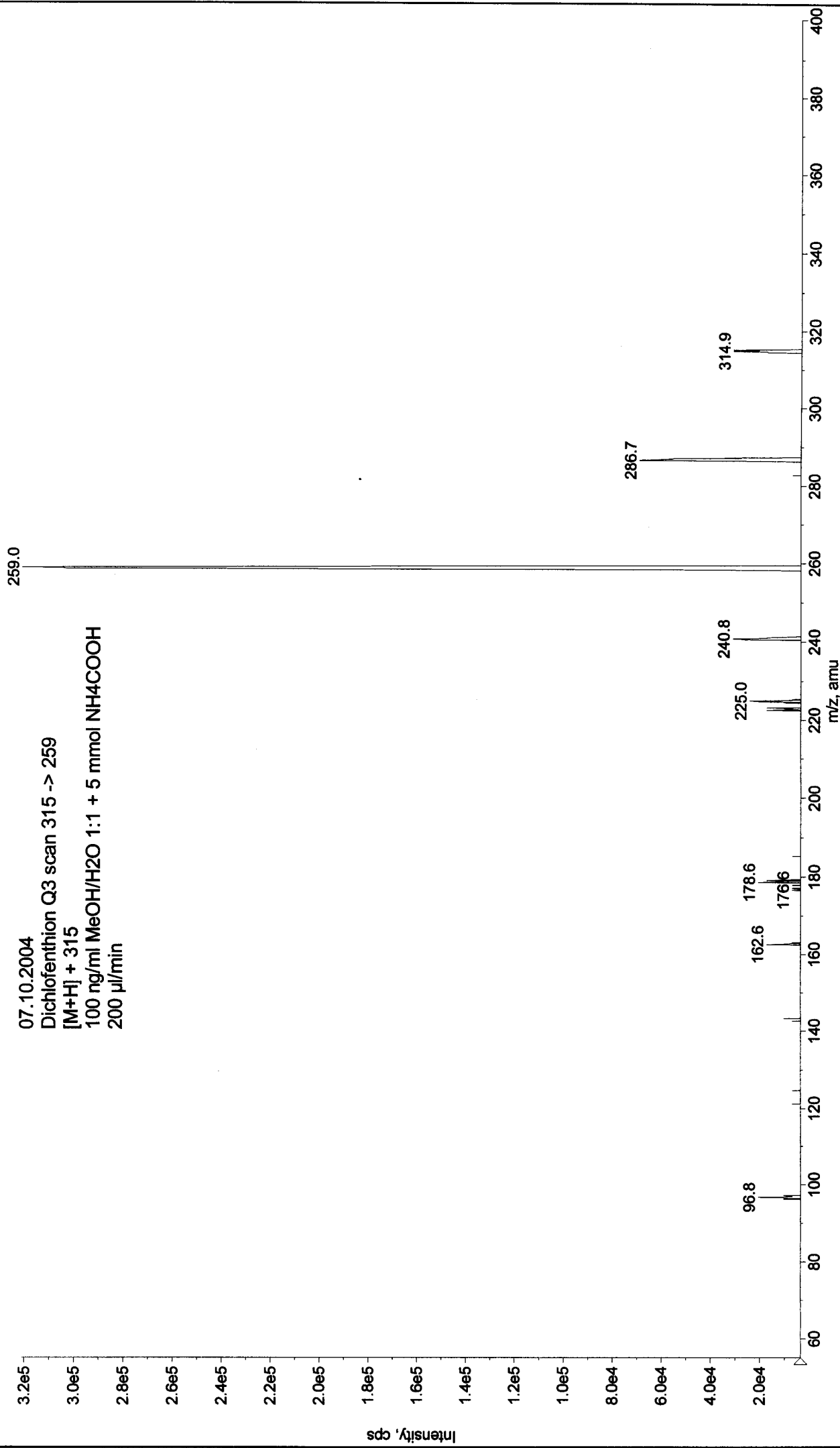


Printing Time: 14:56:18
Printing Date: Thursday, October 07, 2004

Acq. Time: 14:55
Acq. Date: Thursday, October 07, 2004
Acq. File: MT20041007145531.wiff

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

+MS2 (315.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041007145531.wiff (Turbo Spray) Max. 3.2e5 cps



■ +MS2 (317.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041007145630.wiff (Turbo Spray) Max. 2.0e5 cps.

