

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

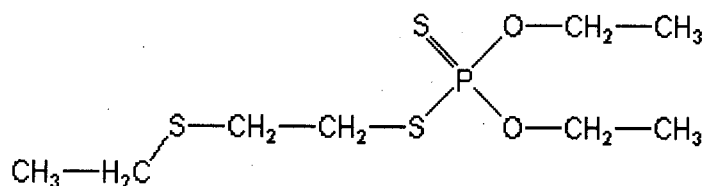
Analyte: Disulfoton

CAS No.: 298-04-4

Formula: C₈H₁₉O₂PS₃

Molecular mass (lowest isotopes): 274,03 amu

Structure:



Ionisation: ESI +

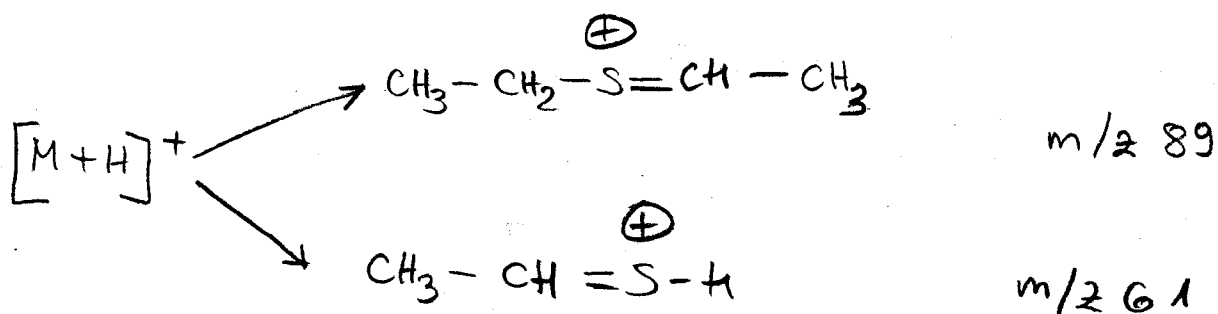
Quasimolecular ion: 275,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	275,0 → 89,2	275,0 → 61,1
Declustering potential (DP) ^{*)}	9 V	9 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,0 V	9,0 V
Collision cell entrance potential (CEP)	18 V	16 V
Collision energy (CE)	17 V	43 V
Collision cell exit potential (CXP)	4 V	8 V

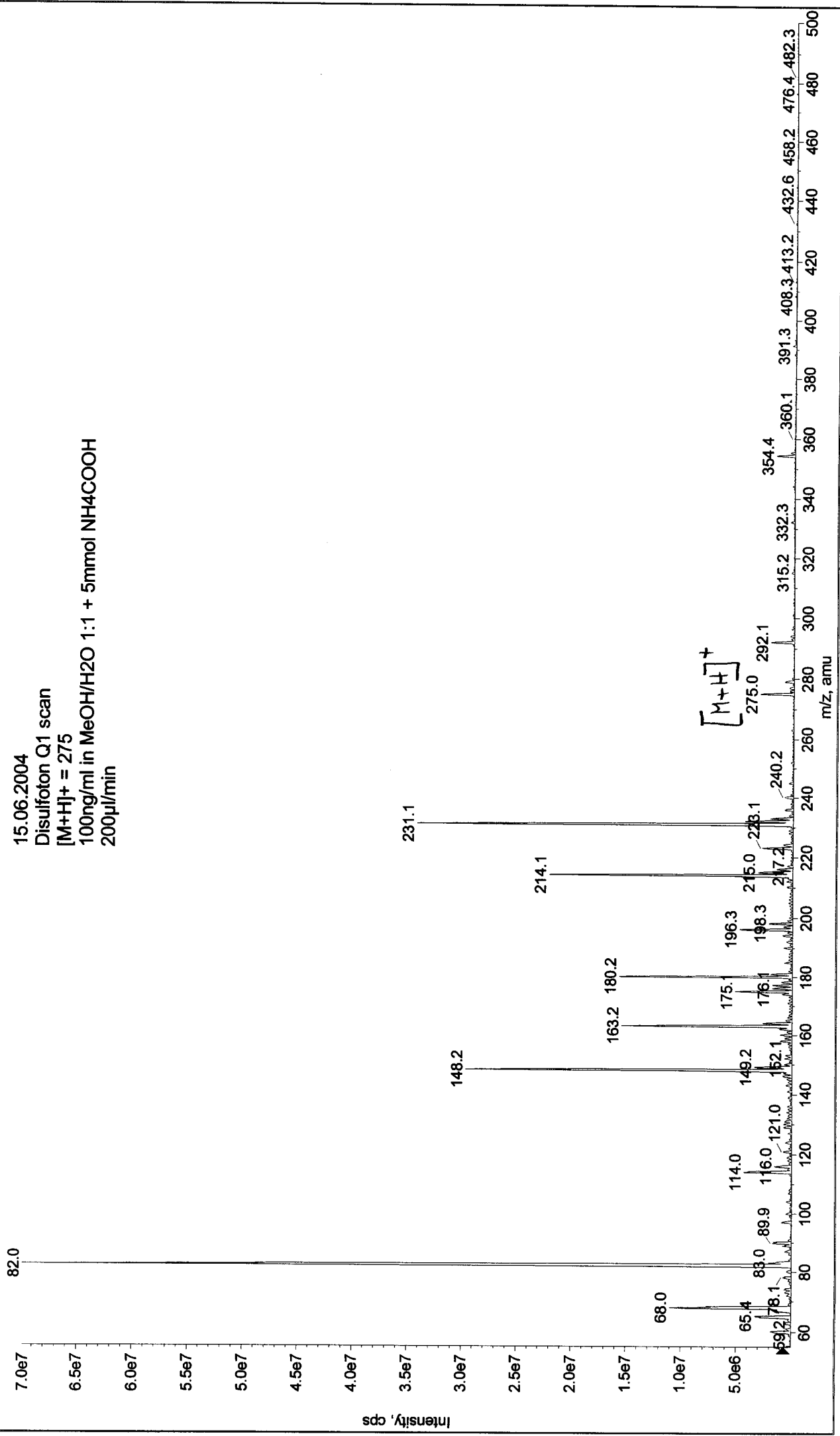
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040615111713.wiff (Turbo Spray)

Max. 7.0e7 cps

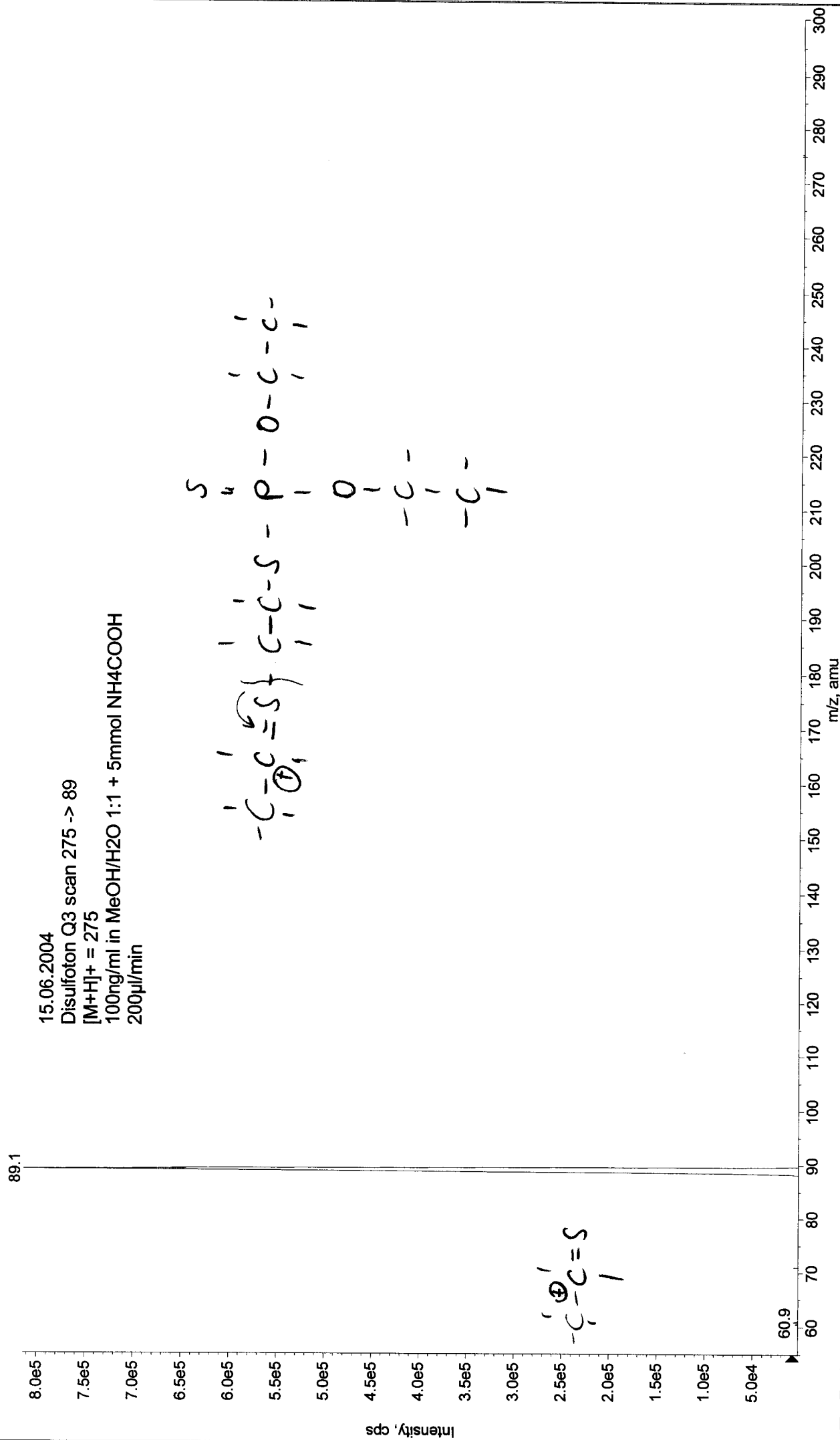


Acq Time: 11:22
Acq Date: Tuesday, June 15, 2004
Acq. File: MT20040615112203.wiff

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

+MS2 (275.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040615112203 wiff (Turbo Spray)

Max. 8.1e5 cps.



Printing Time: 11:31:35
Printing Date: Tuesday, June 15, 2004

Acq. Time: 11:30
Acq. Date: Tuesday, June 15, 2004
Acq. File: MT20040615113024.wiff

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

