

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

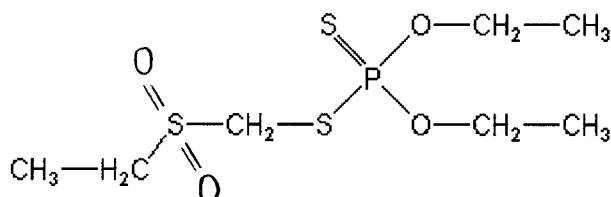
Analyte: Phorat-sulfon

CAS No.: 2588-04-7

Formula: C₇H₁₇O₄PS₃

Molecular mass (lowest isotopes): 292,00 amu

Structure:



Ionisation: ESI +

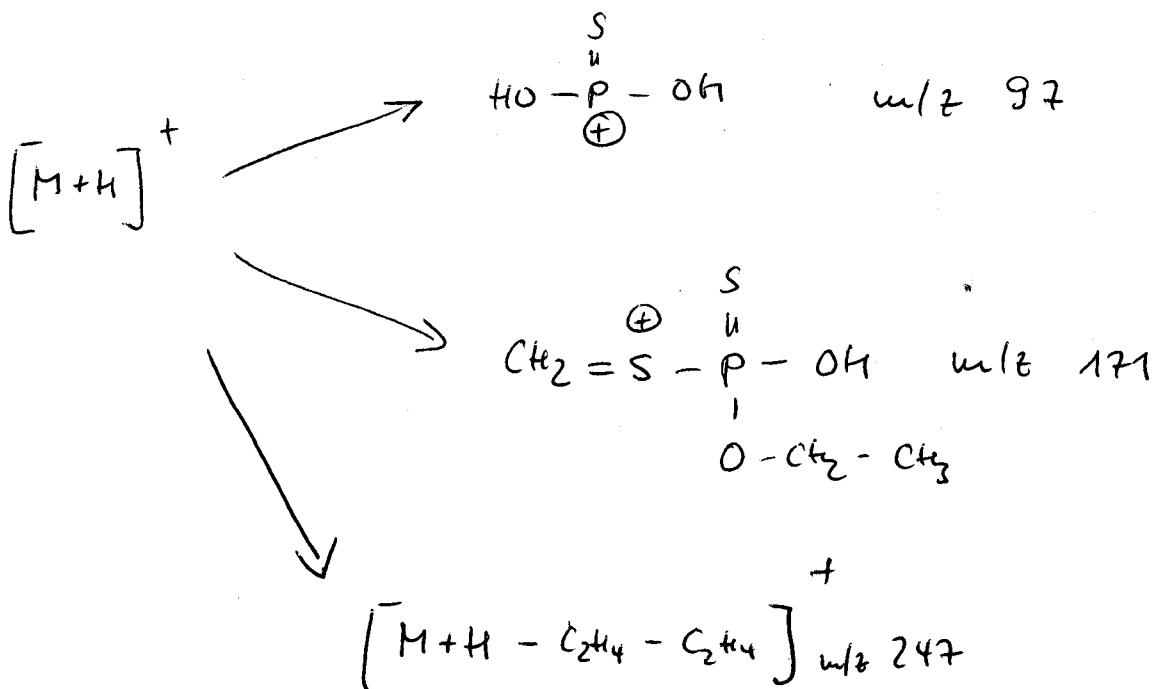
Quasimolecular ion: 293,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	293,0 → 97,0	293,0 → 171,1
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	360 V	350 V
Entrance potential (EP)	11,0 V	9,5 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	41 V	17 V
Collision cell exit potential (CXP)	4 V	8 V

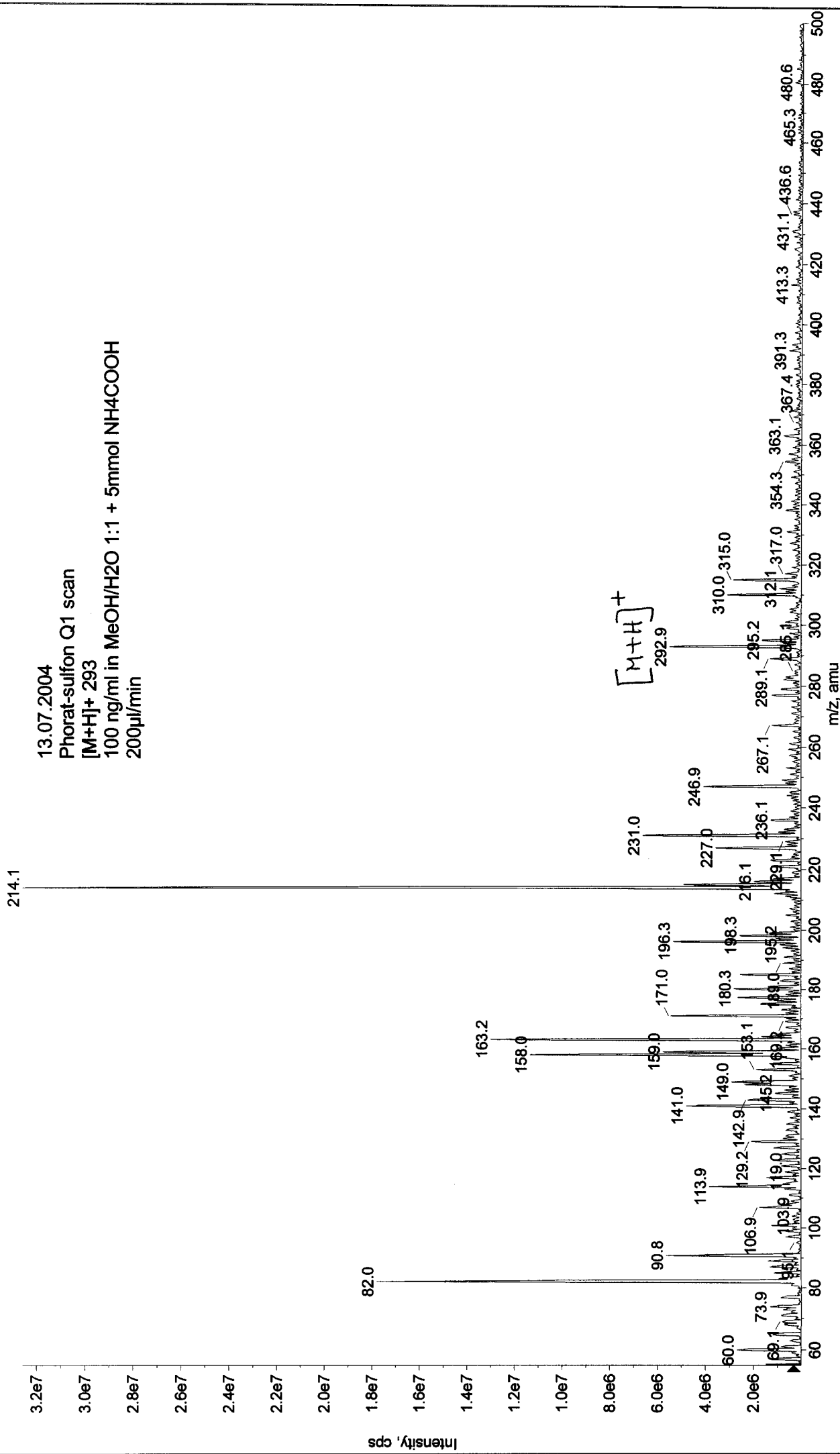
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Max. 3.3e7 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040713105059.wiff (Turbo Spray)



Printing Time: 10:55:01

Printing Date: Tuesday, July 13, 2004

Acq Time: 10:53

Acq Date: Tuesday, July 13, 2004

Acq File: MT20040713105323.wiff

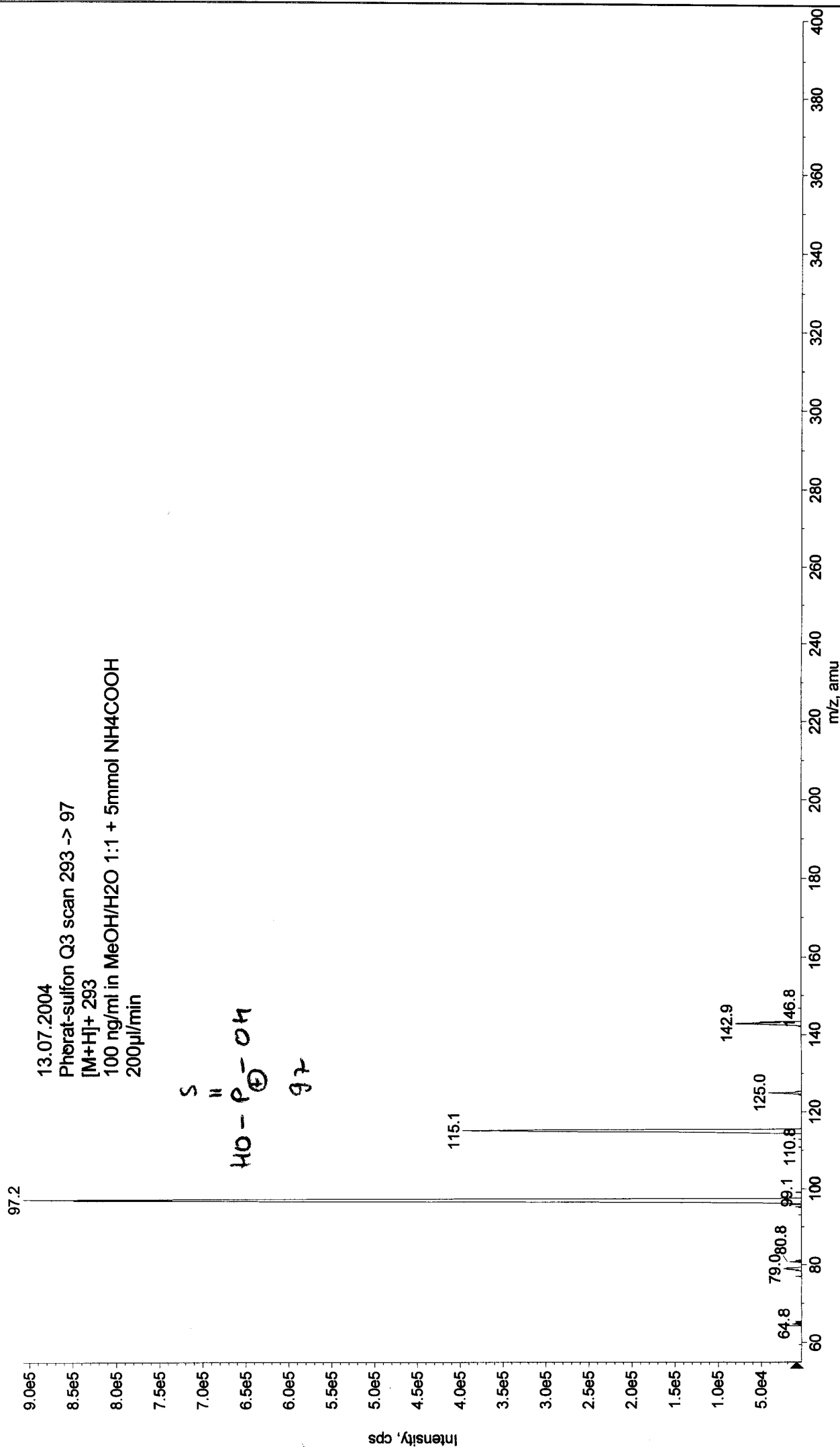
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

Max. 9.1e5 cps

+MS2 (293.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040713105323.wiff (Turbo Spray)



+MS2 (293.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040713110258.wiff (Turbo Spray) Max. 8.1e5 cps

