

MS/MS Parameters of Pesticides

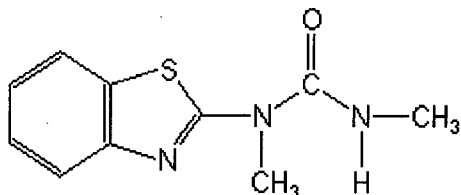
Analyte: Methabenzthiazuron

CAS No.: 18691-97-9

Formula: C₁₀H₁₁N₃OS

Molecular mass (lowest isotopes): 221,06 amu

Structure:



Ionisation: ESI +

Quasimolecular ion: 222,1 amu = [M+H]⁺

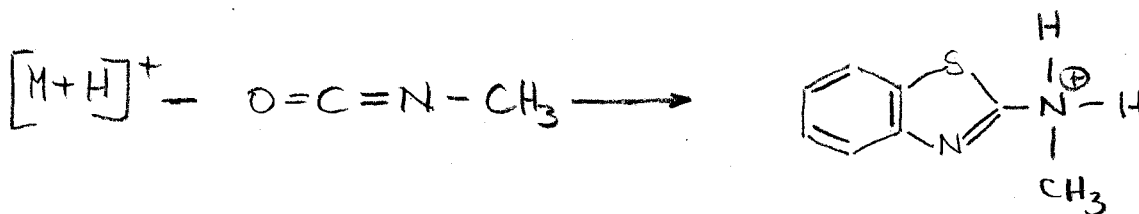
Analyte sensitive parameter set (API 2000)

Transition	222,1 → 165,1	222,1 → 150,0
Declustering potential (DP)*)	11 V	11 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	7,5 V	9,5 V
Collision cell entrance potential (CEP)	16 V	14 V
Collision energy (CE)	23 V	43 V
Collision cell exit potential (CXP)	8 V	8 V

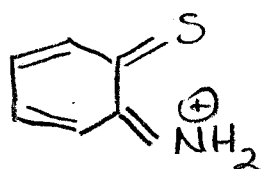
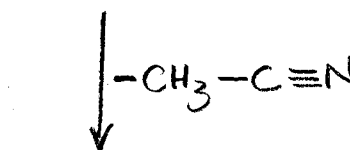
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation

m/z 165

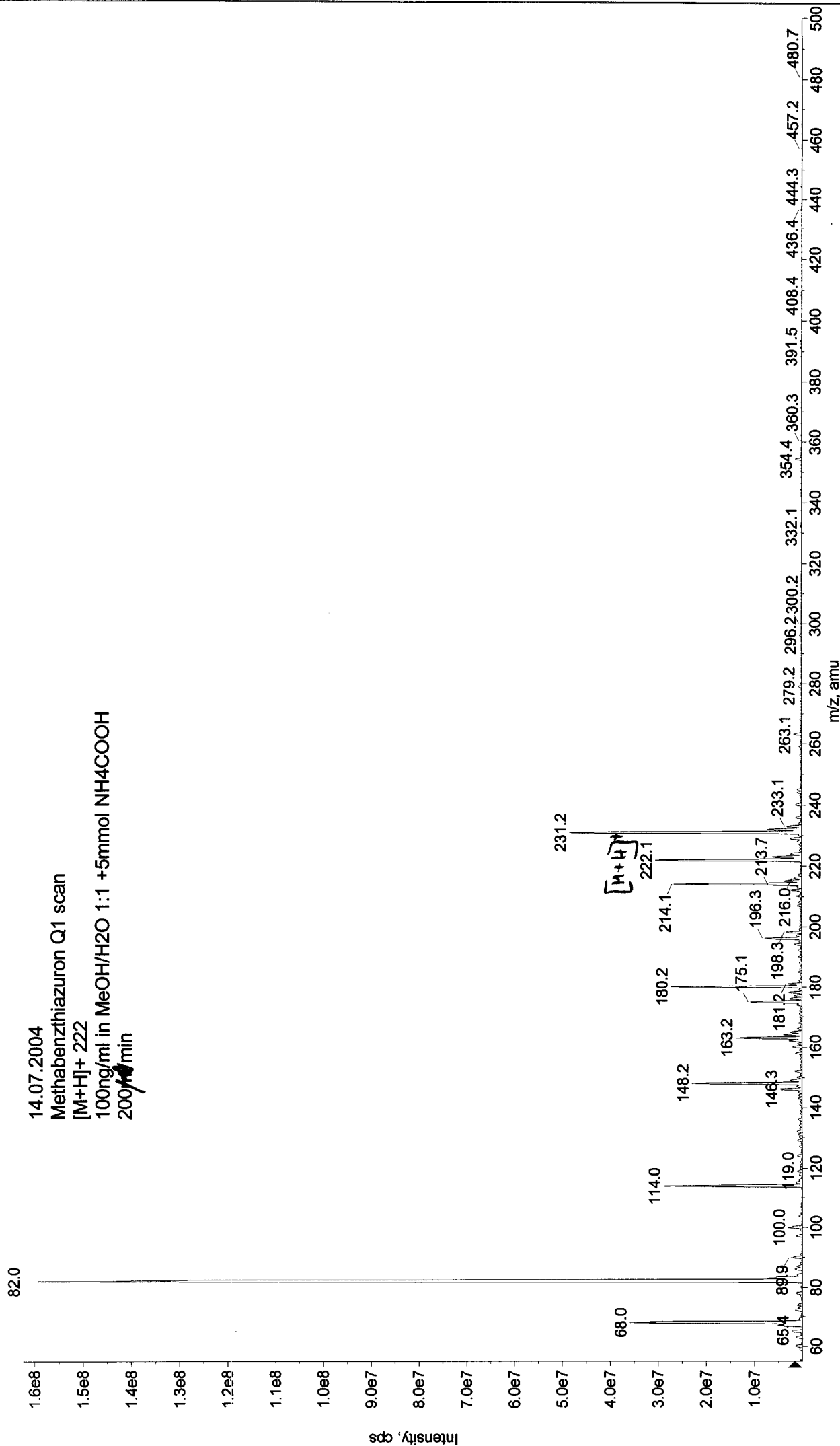


150 ??



m/z 124

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714090858.wiff (Turbo Spray) Max. 1.6e8 cps



Max. 3.4e5 cps

+MS2 (224.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714091828.wiff (Turbo Spray)

