

MS/MS Parameters of Pesticides

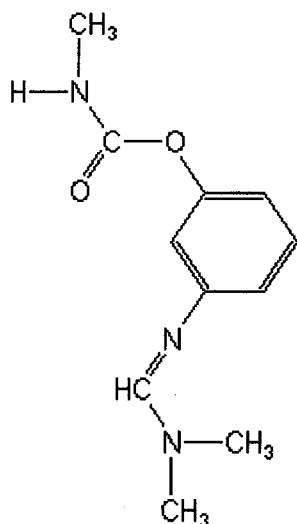
Analyte: Formetanate

CAS No.: 22259-30-9

Formula: C₁₁H₁₅N₃O₂

Molecular mass (lowest isotopes): 221,12 amu

Structure:



Ionisation: ESI +

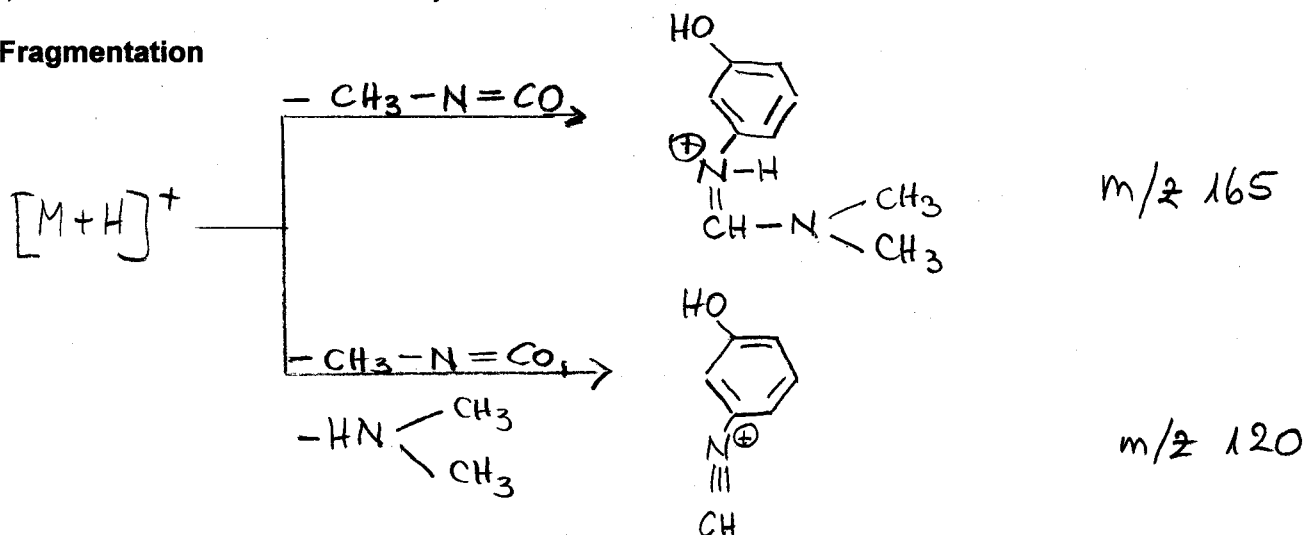
Quasimolecular ion: 222,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	222,1 → 165,1	222,1 → 120,1
Declustering potential (DP) ^{*)}	21 V	21 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	9,5 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	19 V	35 V
Collision cell exit potential (CXP)	10 V	6 V

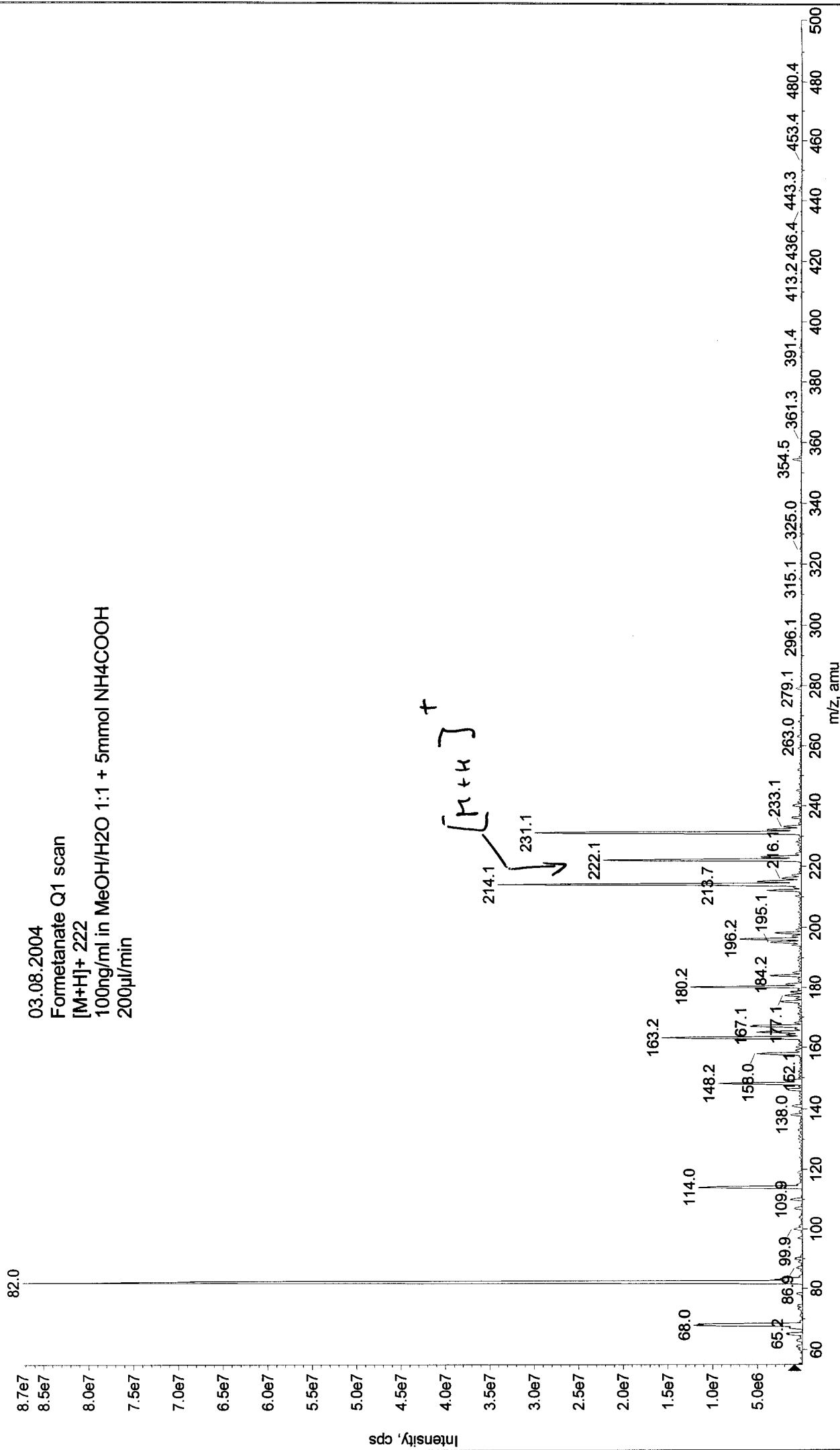
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



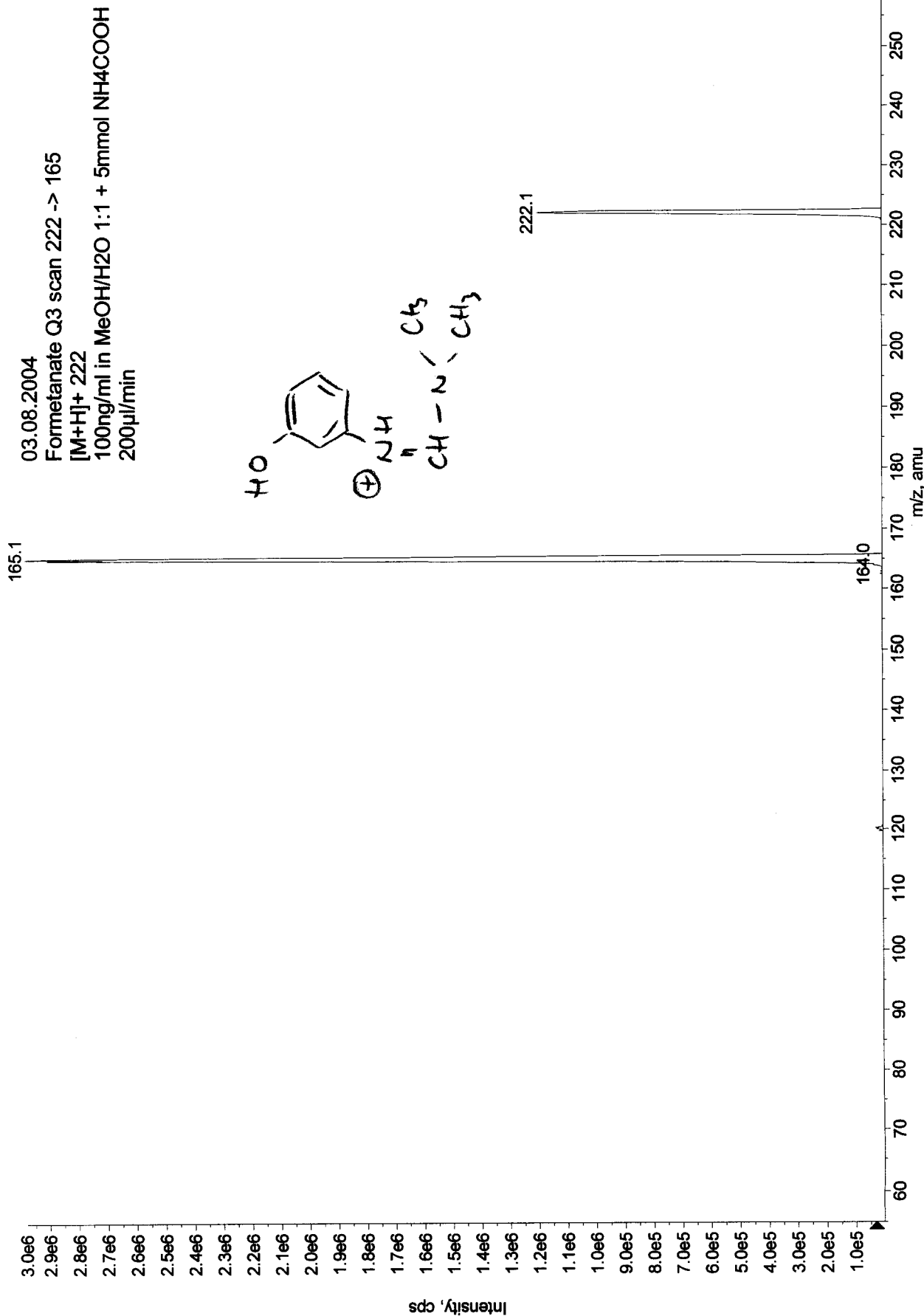
Max. 8.7e7 cps

■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803132755.wiff (Turbo Spray)



Max. 3.0e6 cps.

+MS2 (222.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803133015.wiff (Turbo Spray)



Acq, time: 13:37

Acq Date: Tuesday, August 03, 2004

Batch Name: ManualTune.bat

Sample Comment:

Sample Name: TunesSampleID

Batch Name: ManualTune.bat

Max. 8.0e5 cps.

+MS2 (222.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803133741.wiff (Turbo Spray)

