

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

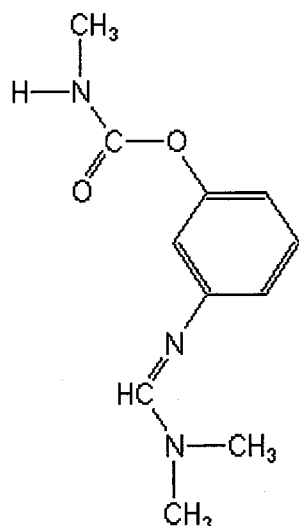
### Analyte: Formetanate

CAS No.: 22259-30-9

Formula: C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>

Molecular mass (lowest isotopes): 221,11 amu

Structure:



Ionisation: ESI +

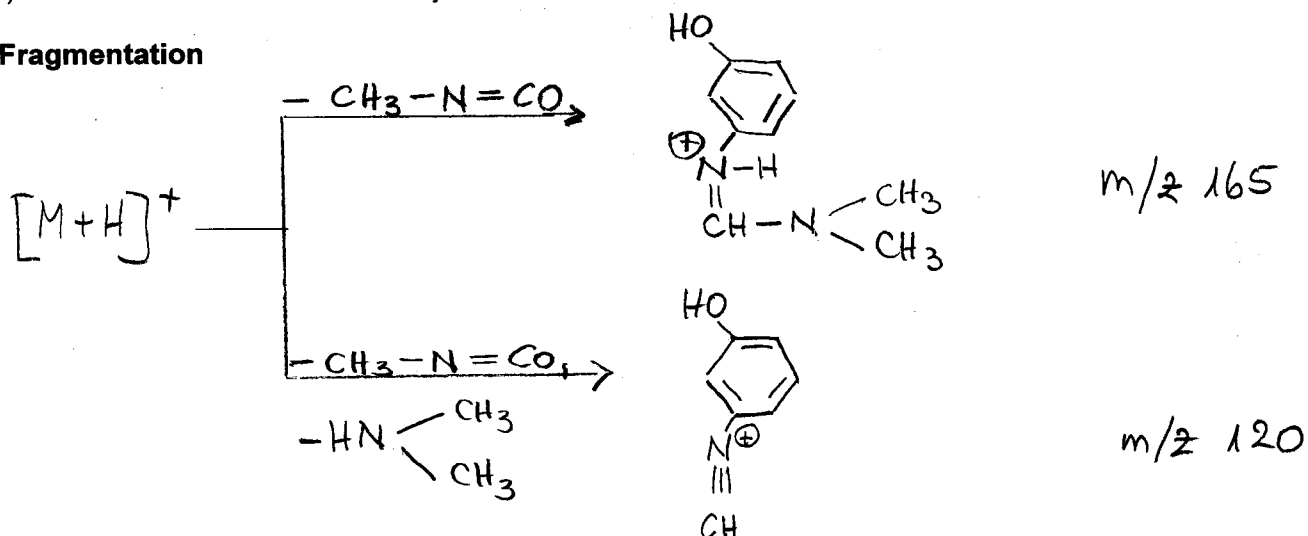
Quasimolecular ion: 222,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	222,1 → 165,1	222,1 → 120,1
Declustering potential (DP) <sup>*)</sup>	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

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



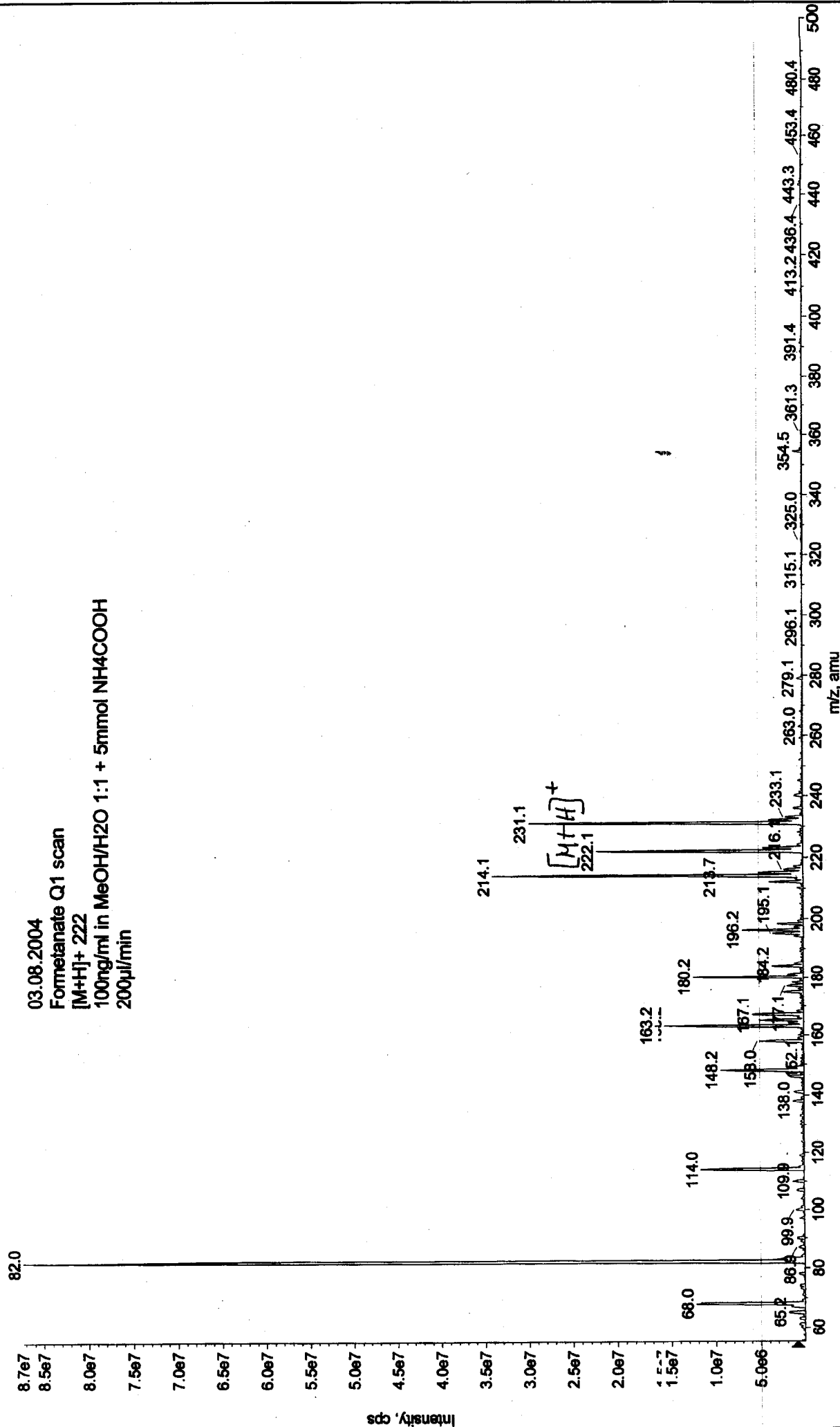
Printing Time: 13:29:27  
Printing Date: Tuesday, August 03, 2004

Acq. Time: 13:27  
Acq. Date: Tuesday, August 03, 2004  
Acq. File: MT20040803132755.wiff

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

Max 8.7e7 cps

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



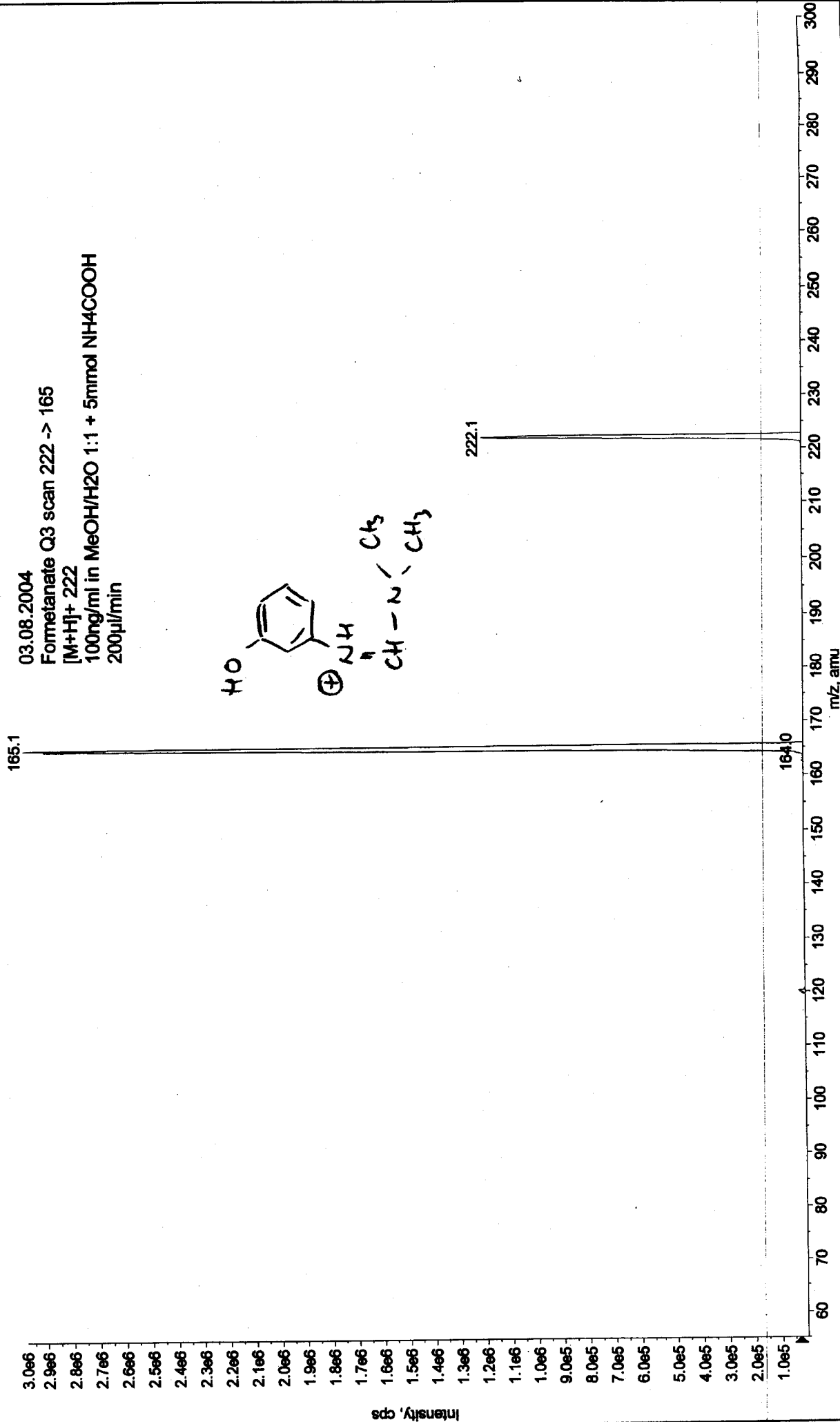
Printing Time: 13:31:21  
Printing Date: Tuesday, August 03, 2004

Acq. Time: 13:30  
Acq. Date: Tuesday, August 03, 2004  
Acq. File: MT20040803133015.wiff

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

Max. 3.0e6 cps

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



Printing Time: 13:38:41  
Printing Date: Tuesday, August 03, 2004

Acq. Time: 13:37  
Acq. Date: Tuesday, August 03, 2004  
Acq. File: MT20040803133741.wiff

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

Max. 8.0e5 cps  
+MS2 (222.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803133741.wiff (Turbo Spray)

165.0

