

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

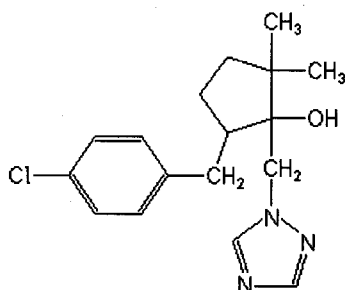
Analyte: Metconazole

CAS No.: 125116-23-6

Formula: C₁₇H₂₂ClN₃O

Molecular mass (lowest isotopes): 319,15 amu

Structure:



Ionisation: ESI +

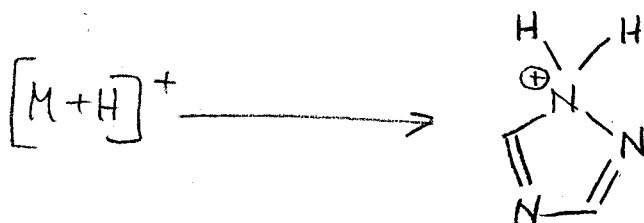
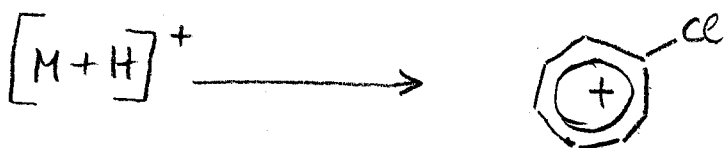
Quasimolecular ion: 320,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	320,1 → 70,1	320,1 → 125,0
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	12,0 V	10,5 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	45 V	49 V
Collision cell exit potential (CXP)	10 V	6 V

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

Fragmentation

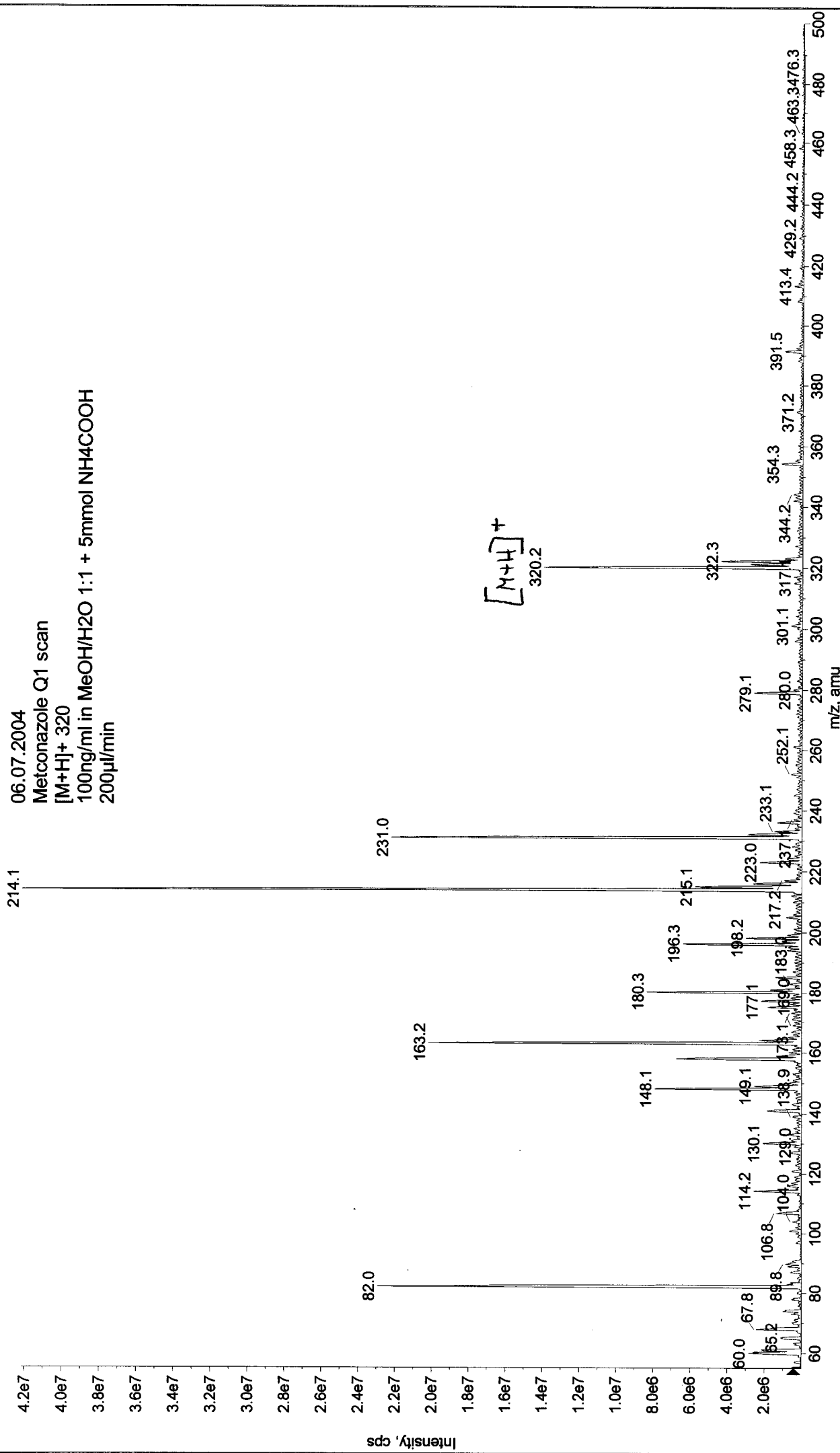
 m/z 70 m/z 125 / 127

Sample Comment:

Sample Name: TunesSampleID

Batch Name: ManualTune.bat

■	+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040706131407.wiff (Turbo Spray)	Max. 4.2e7 cps.
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Printing Time: 13:17:43

Printing Date: Tuesday, July 06, 2004

Acq. Time: 13:16

Acq. Date: Tuesday, July 06, 2004

Acq. File: MT20040706131640.wiff

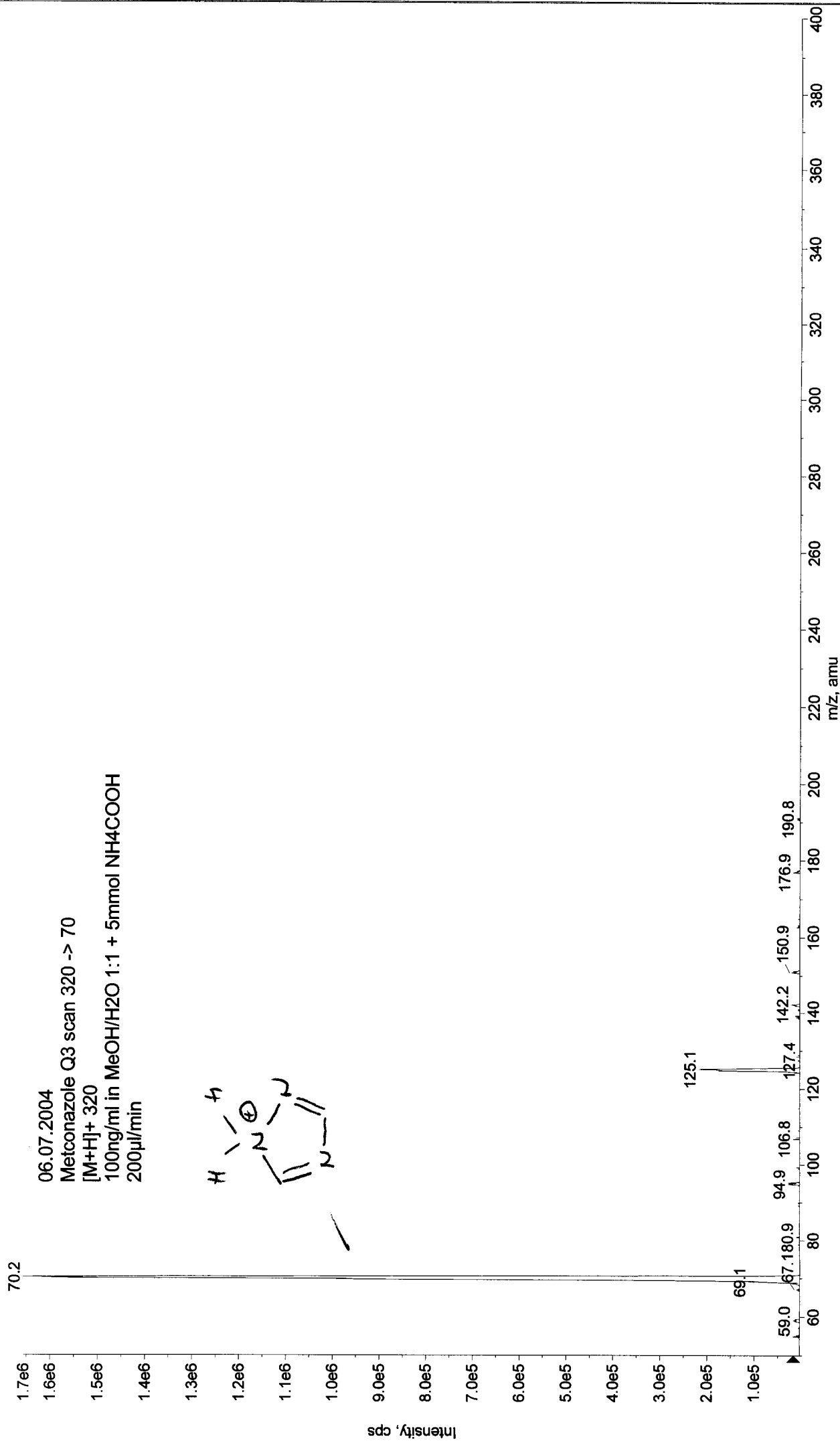
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

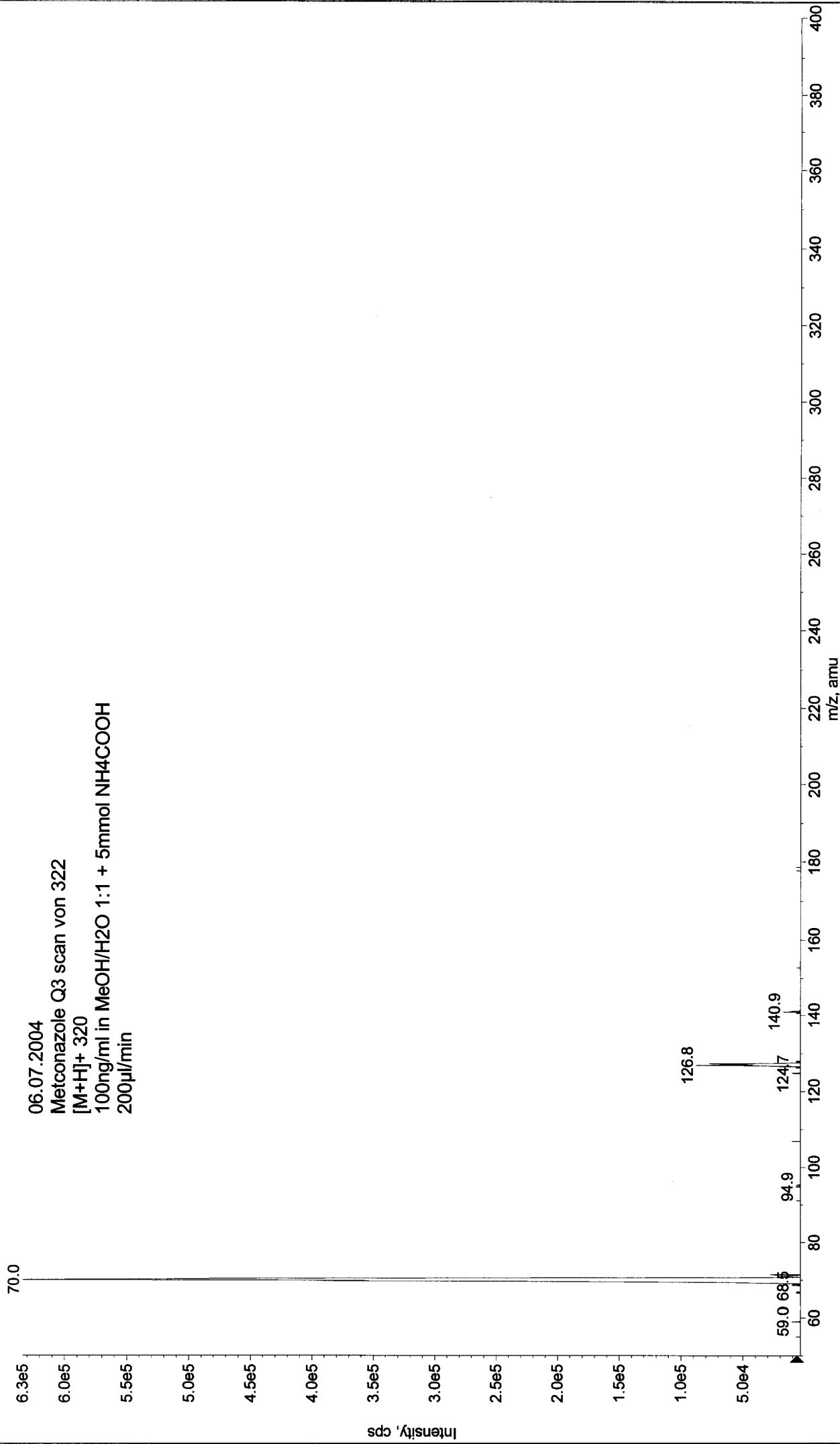
Max. 1.7e6 cps

+MS2 (320.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040706131640.wiff (Turbo Spray)



Max. 6.3e5 cps

+MS2 (322.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040706131821.wiff (Turbo Spray)



Max. 1.5e6 cps

■ +MS2 (320.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040706132502.wiff (Turbo Spray)

