

MS/MS Parameters of Pesticides

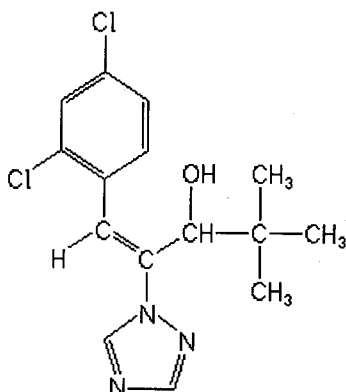
Analyte: Diniconazole

CAS No.: 83657-24-3

Formula: C₁₅H₁₇Cl₂N₃O

Molecular mass (lowest isotopes): 325,08 amu

Structure:



Ionisation: ESI +

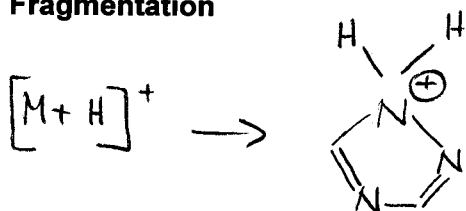
Quasimolecular ion: 326,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

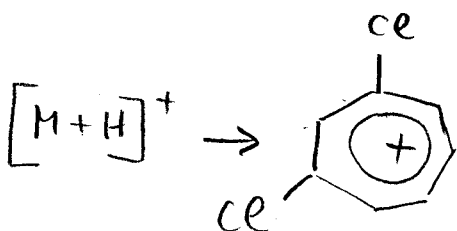
Transition	326,0 → 70,0	326,0 → 159,0
Declustering potential (DP) ^{*)}	54 V	54 V
Focusing potential (FP)	320 V	370 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	45 V	39 V
Collision cell exit potential (CXP)	4 V	8 V

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

Fragmentation



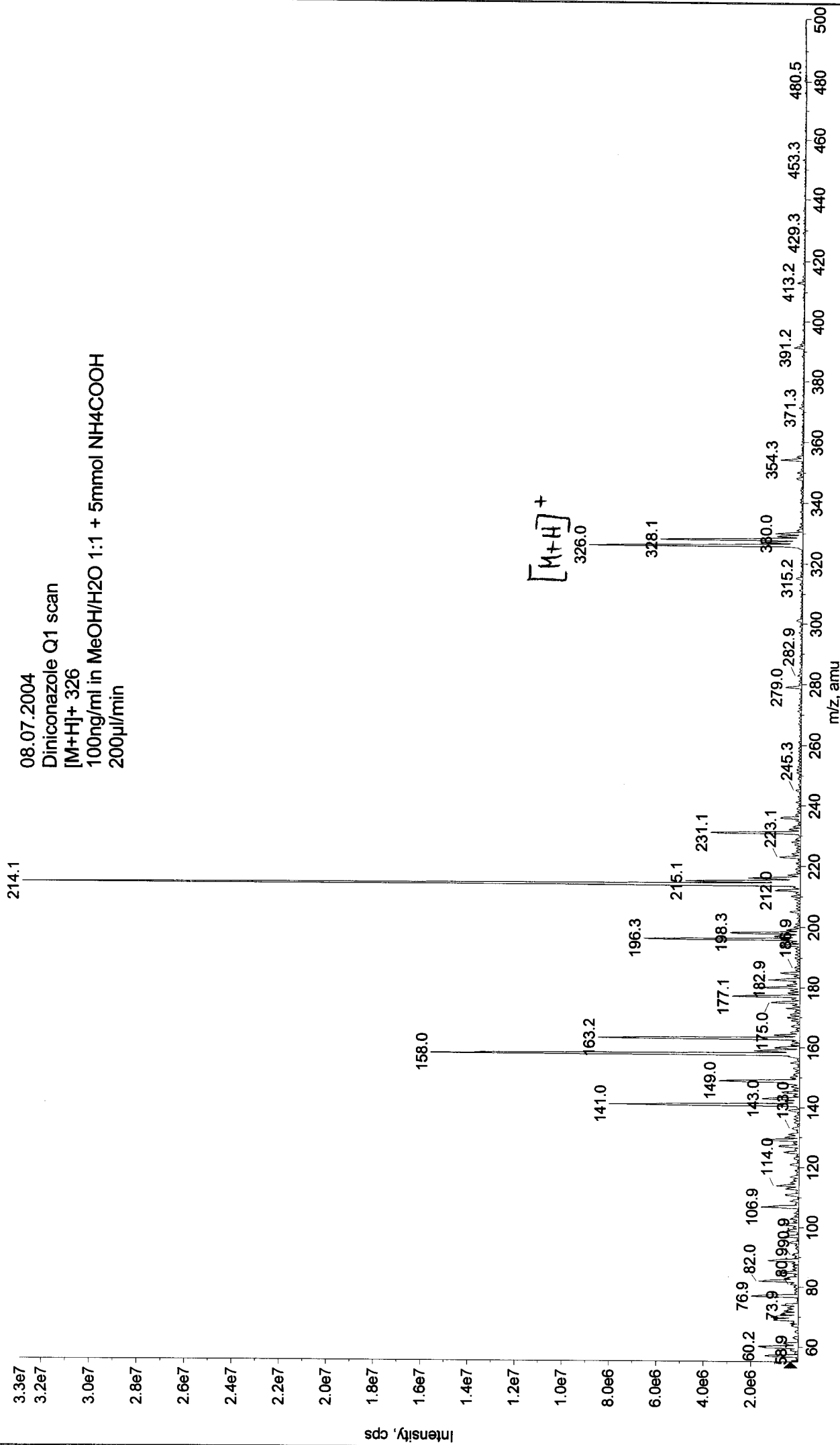
m/z 70



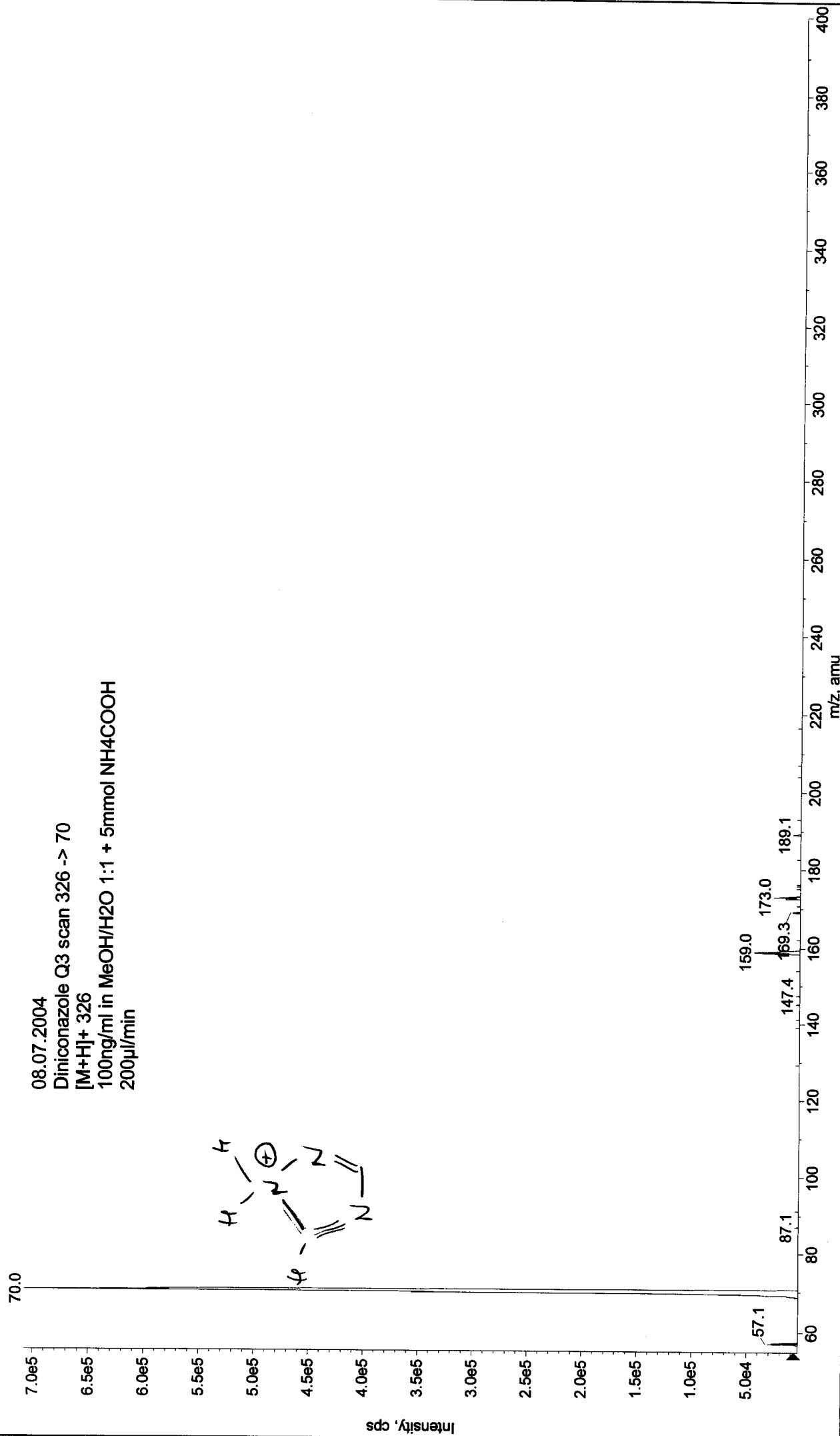
m/z 159

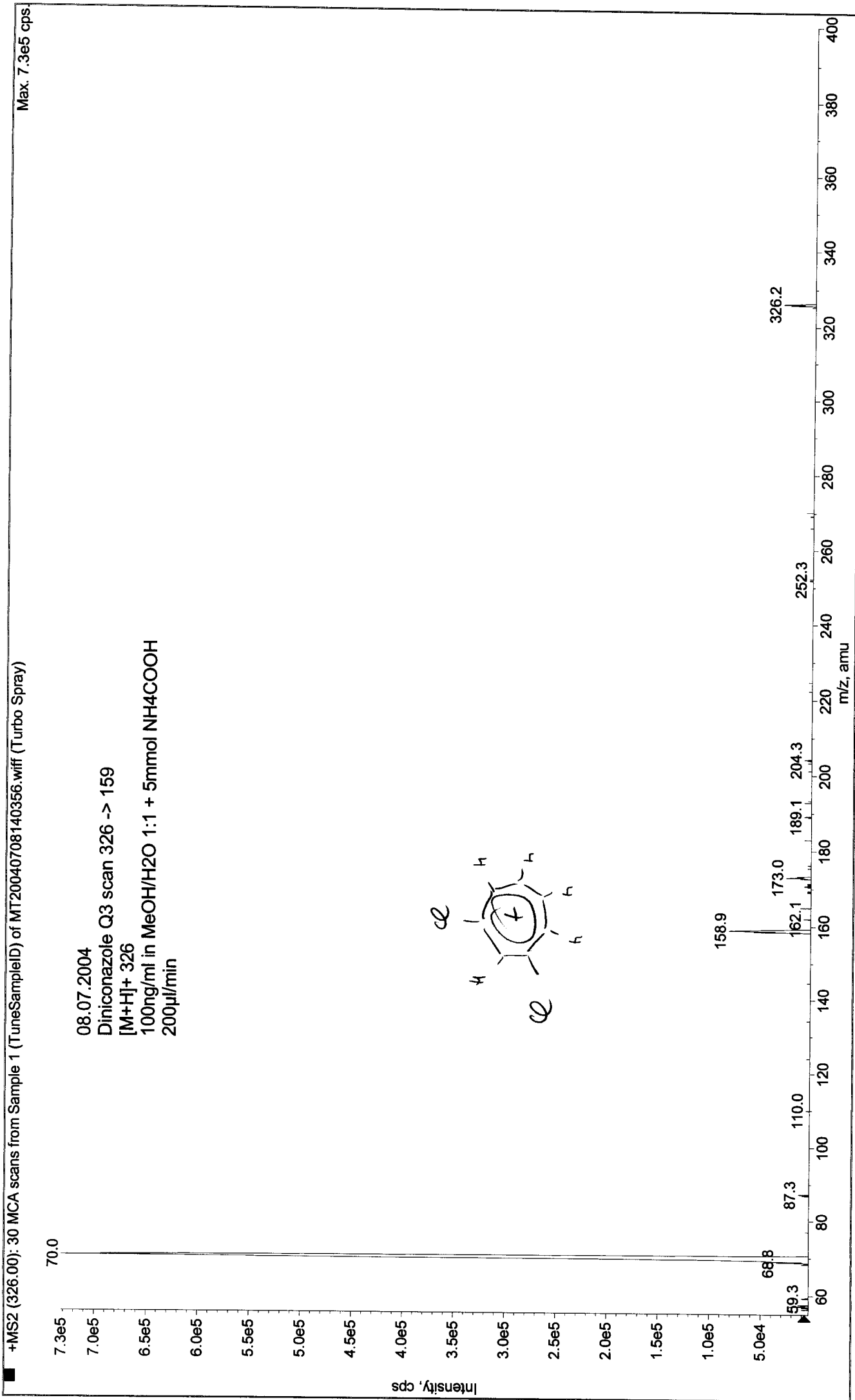
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040708135529.wiff (Turbo Spray)

Max. 3.3e7 cps



+MS2 (326.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040708134948.wiff (Turbo Spray) Max. 7.1e5 cps.





+MS2 (328.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040708140505.wiff (Turbo Spray) Max. 4.1e5 cps.

