

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

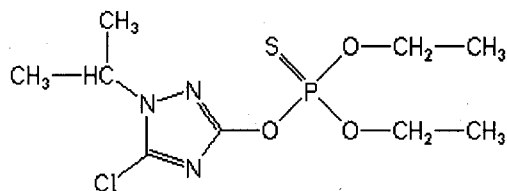
Analyte: Isazofos

CAS No.: 42509-80-8

Formula: C₉H₁₇ClN₃O₃PS

Molecular mass (lowest isotopes): 313,04 amu

Structure:



Ionisation: ESI +

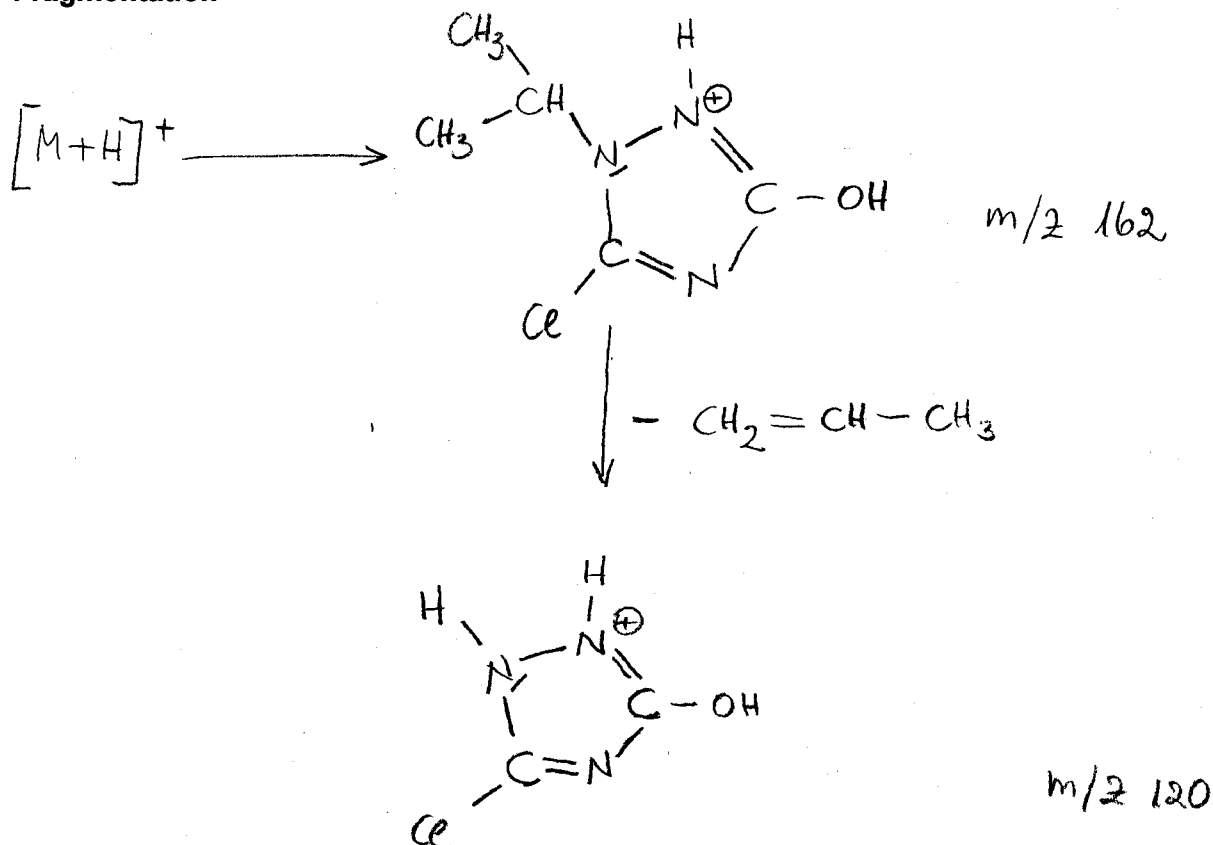
Quasimolecular ion: 314,0 amu = [M+H]⁺

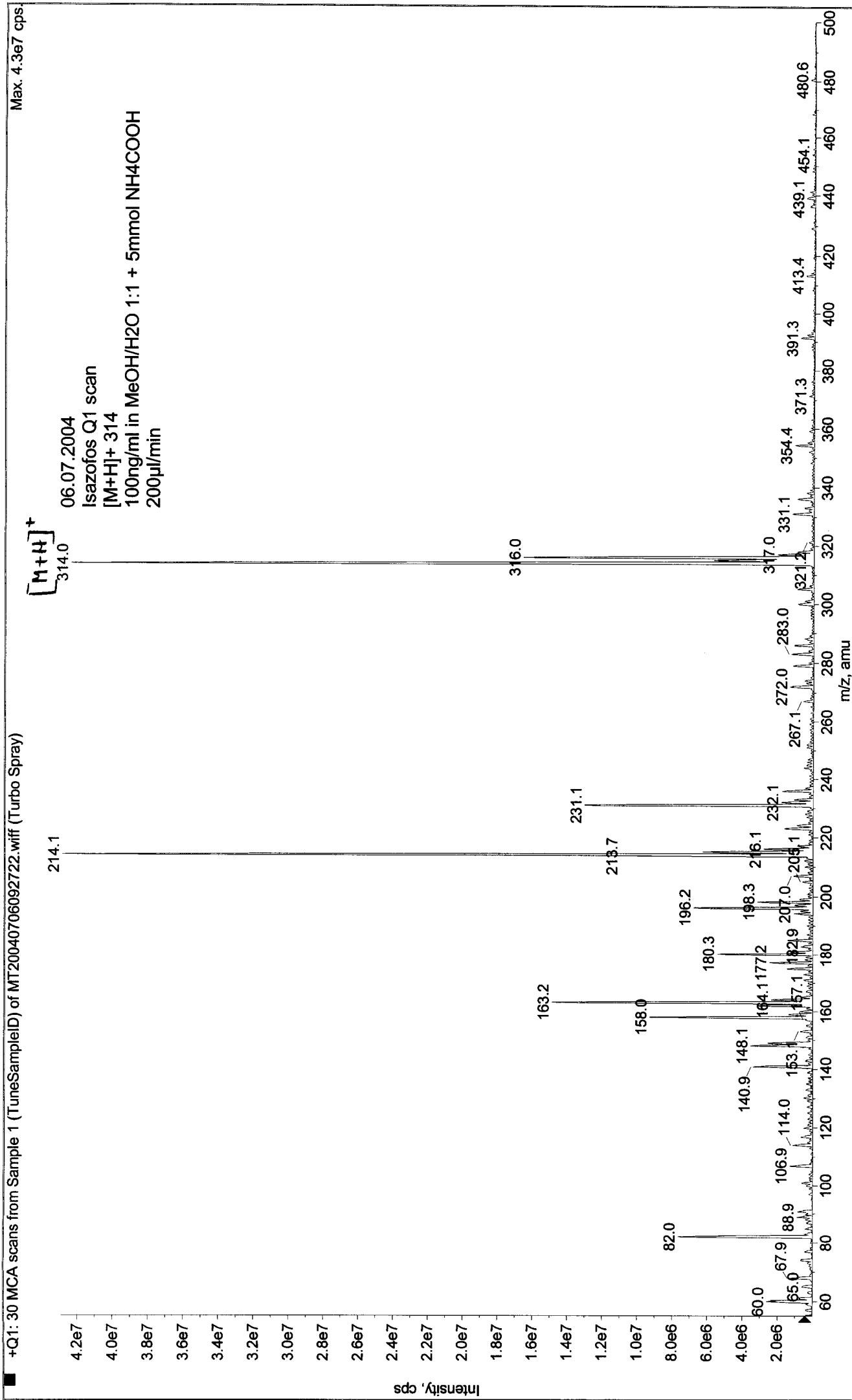
Analyte sensitive parameter set (API 2000)

Transition	314,0 → 120,0	314,0 → 162,2
Declustering potential (DP)*)	41 V	41 V
Focusing potential (FP)	370 V	320 V
Entrance potential (EP)	11,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	35 V	21 V
Collision cell exit potential (CXP)	6 V	8 V

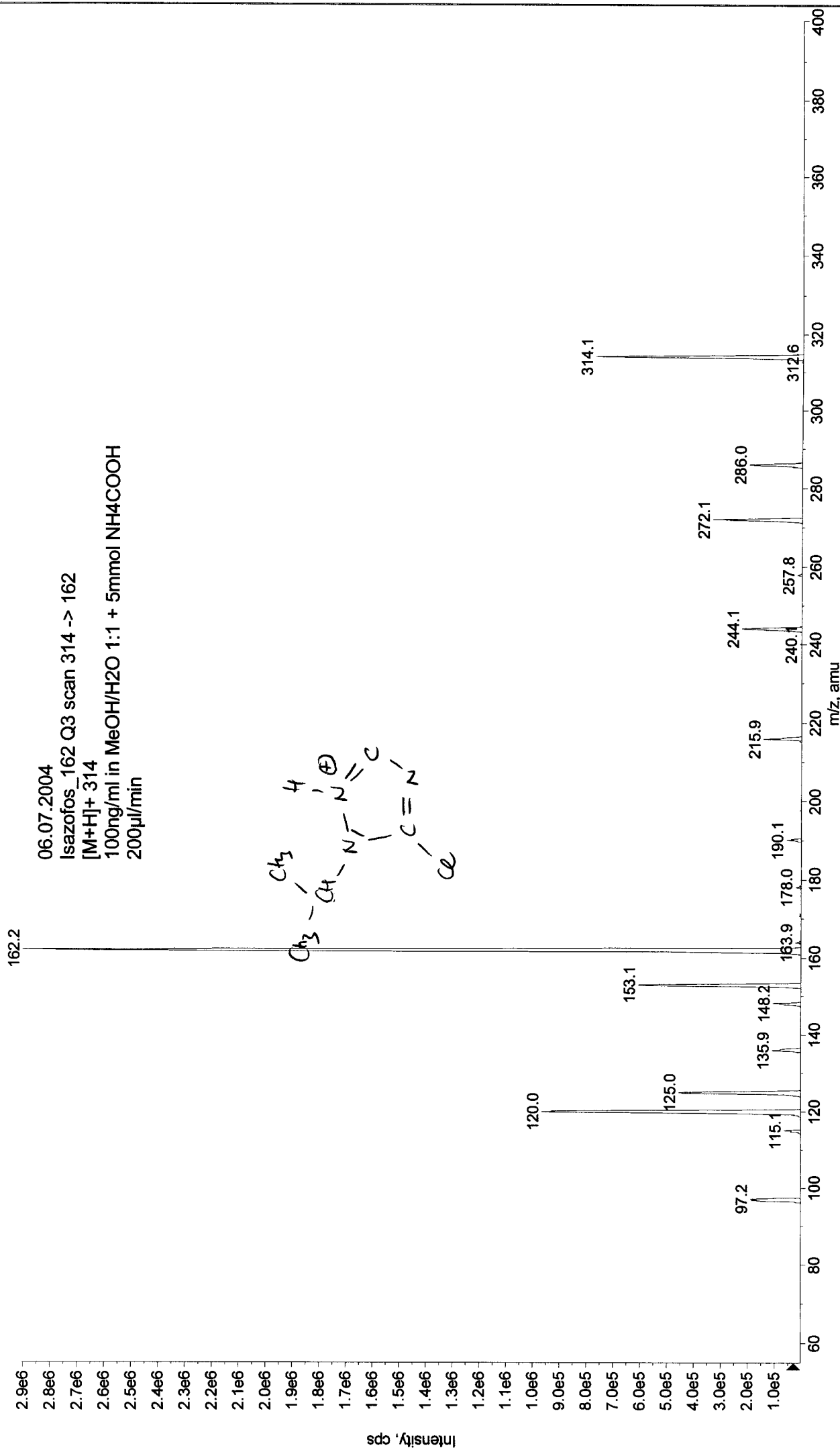
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation



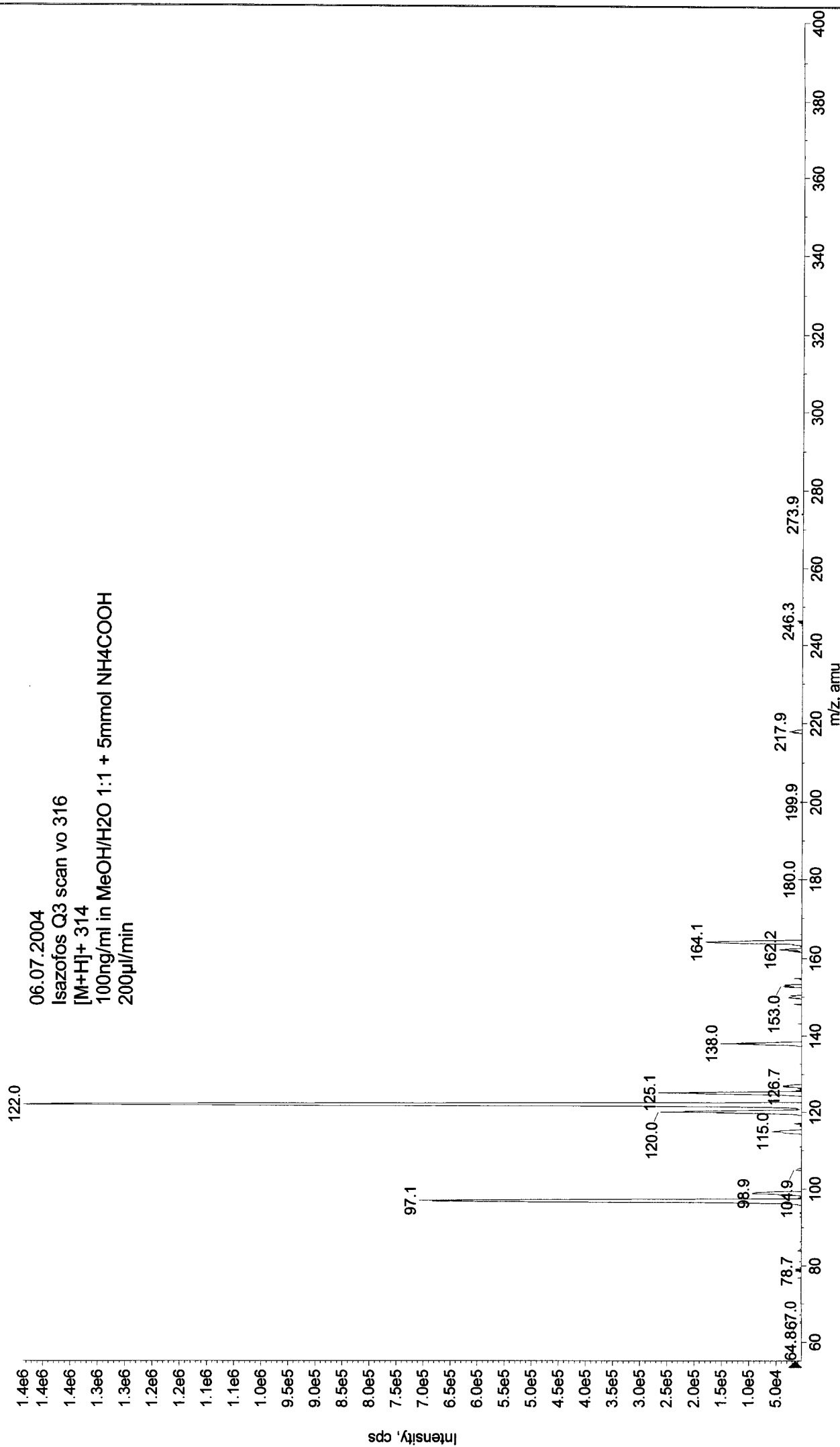


+MS2 (314.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040706103137.wiff (Turbo Spray) Max. 2.9e6 cps



+MS2 (316.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040706103324.wiff (Turbo Spray)

Max. 1.4e6 cps.



■ +MS2 (314.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20060111120633.wiff (Turbo Spray)

Max. 1.1e7 cps

