

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

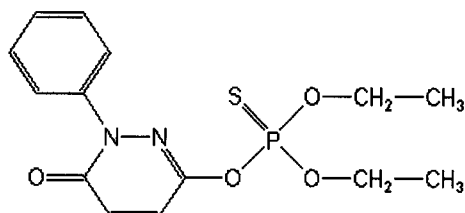
Analyte: Pyridaphenthion

CAS No.: 119-12-0

Formula: C₁₄H₁₇N₂O₄PS

Molecular mass (lowest isotopes): 340,07 amu

Structure:



Ionisation: ESI +

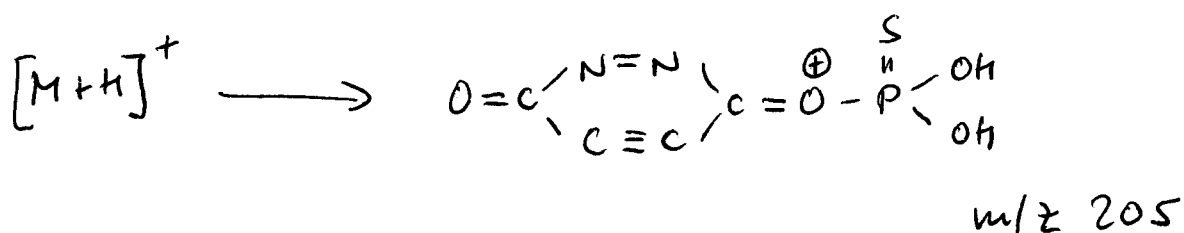
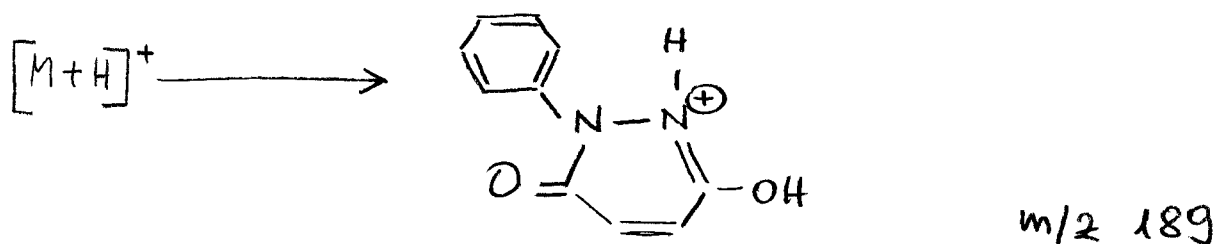
Quasimolecular ion: 341,0 amu = [M+H]⁺

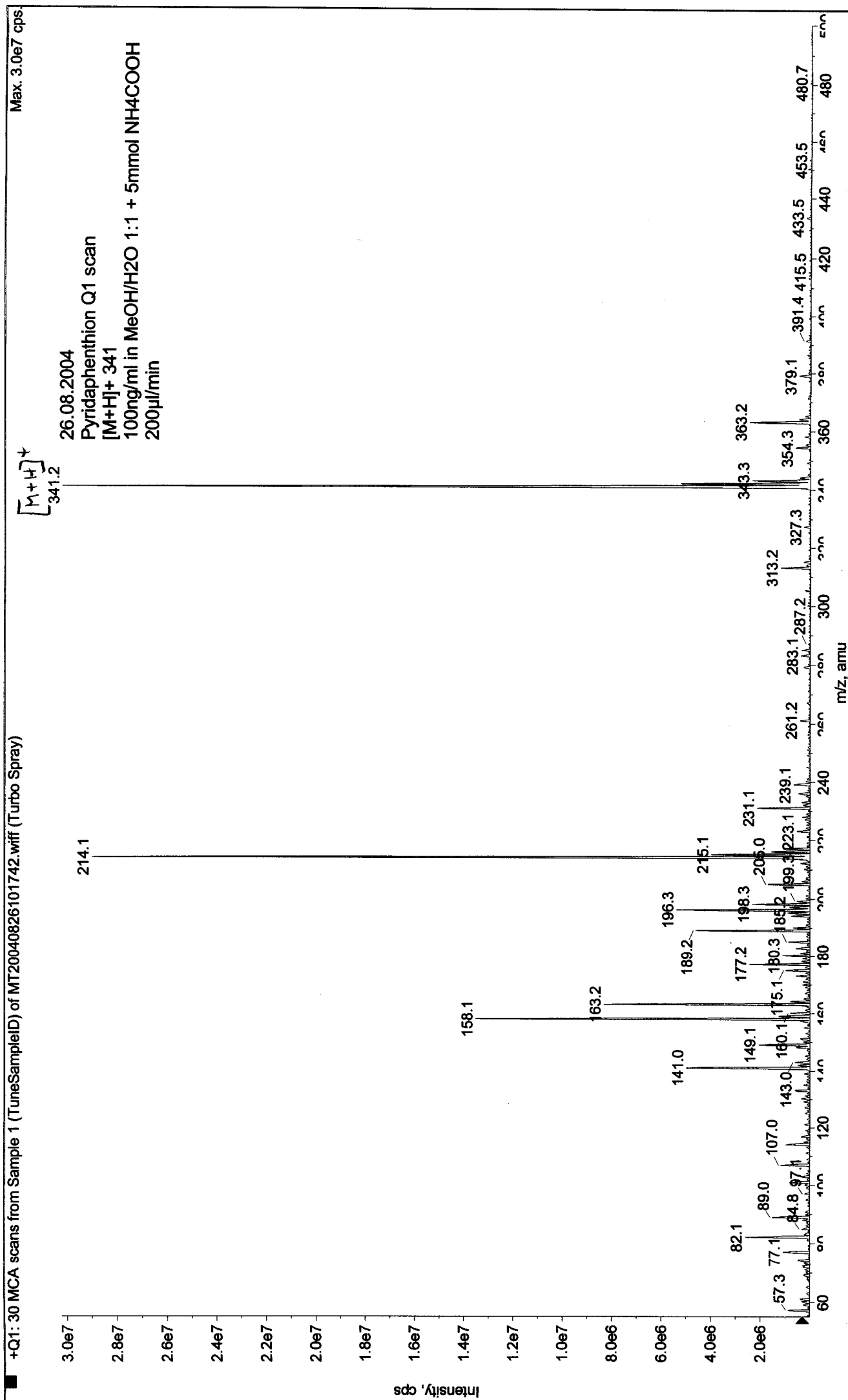
Analyte sensitive parameter set (API 2000)

Transition	341,0 → 189,0	341,0 → 205,1
Declustering potential (DP)*)	46 V	46 V
Focusing potential (FP)	320 V	370 V
Entrance potential (EP)	12,0 V	10,5 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	29 V	27 V
Collision cell exit potential (CXP)	10 V	10 V

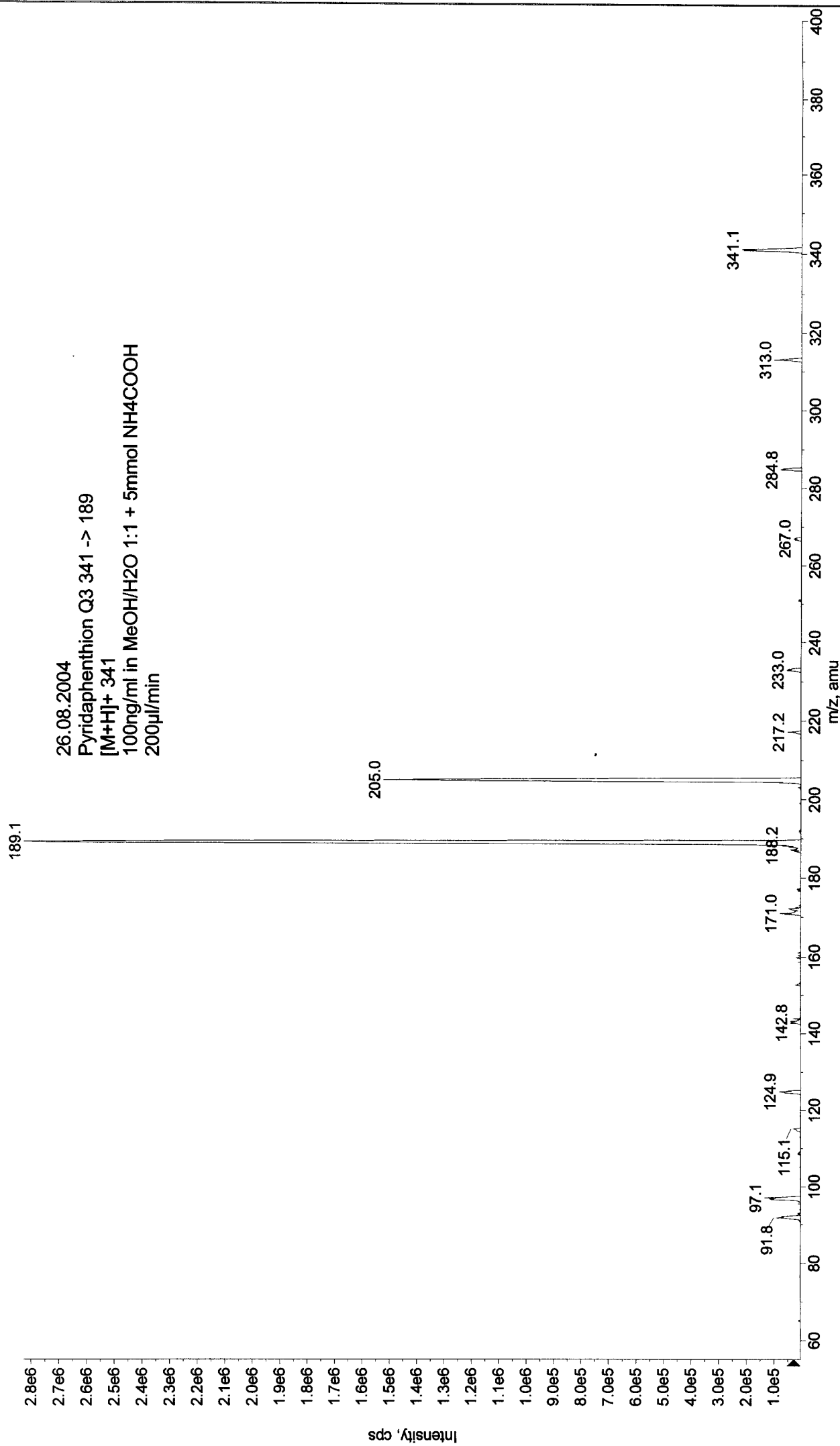
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation

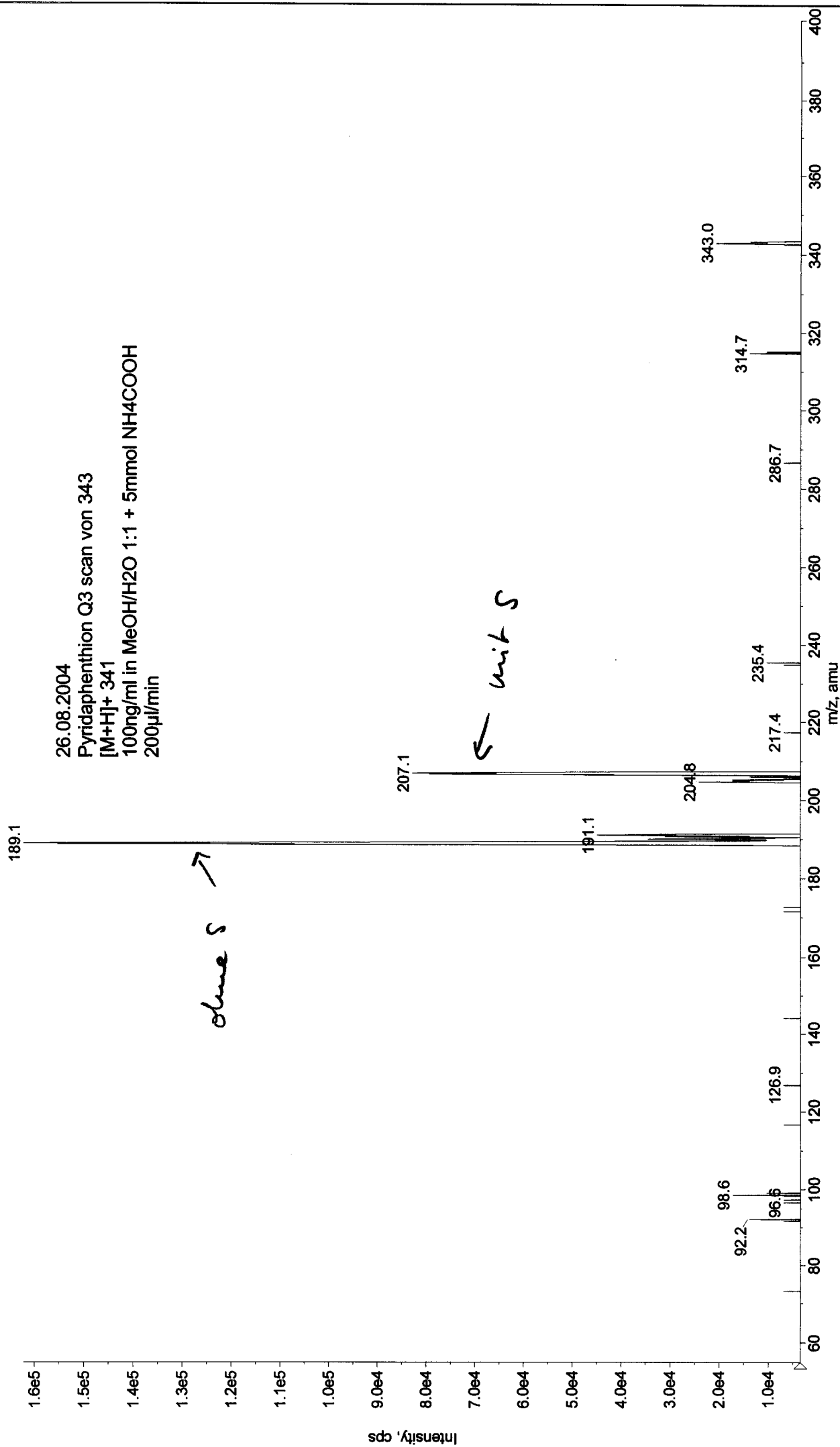




+MS2 (341.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826102431.wiff (Turbo Spray) Max. 2.8e6 cps



+MS2 (343.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826102222.wiff (Turbo Spray) Max. 1.6e5 cps



Max. 2.9e6 cps

+MS2 (341.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826103047.wiff (Turbo Spray)

