

## MS/MS Parameters of Pesticides

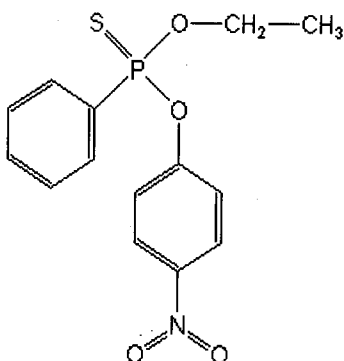
### Analyte: EPN

CAS No.: 2104-64-5

Formula: C<sub>14</sub>H<sub>14</sub>NO<sub>4</sub>PS

Molecular mass (lowest isotopes): 323,04 amu

Structure:



Ionisation: ESI +

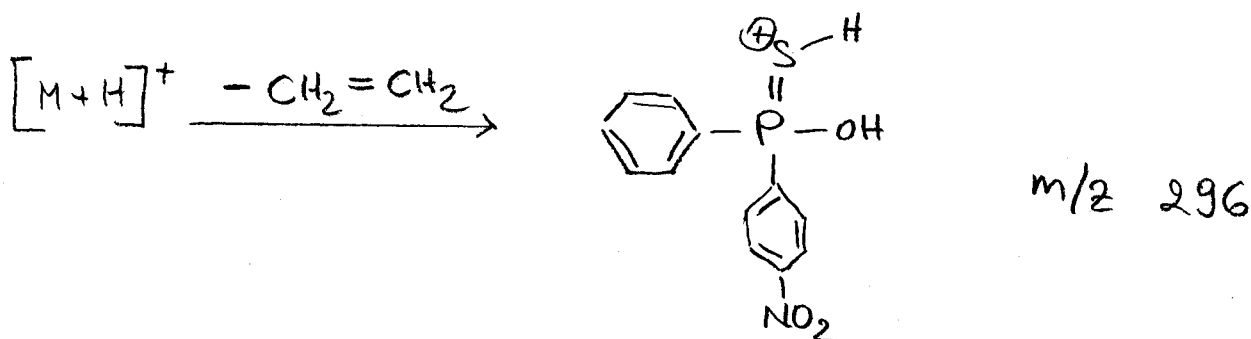
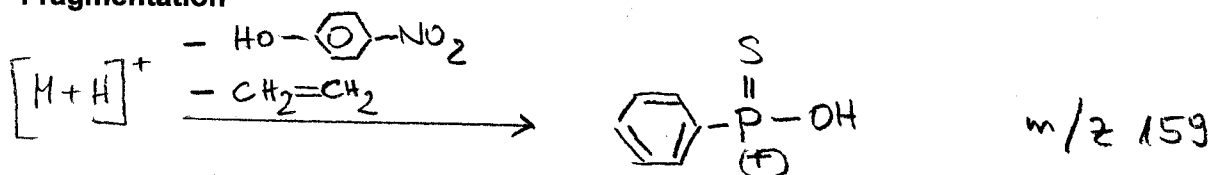
Quasimolecular ion: 324,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	324,0 → 156,9	324,0 → 296,1
Declustering potential (DP)*)	46 V	46 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	12,0 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	29 V	19 V
Collision cell exit potential (CXP)	8 V	16 V

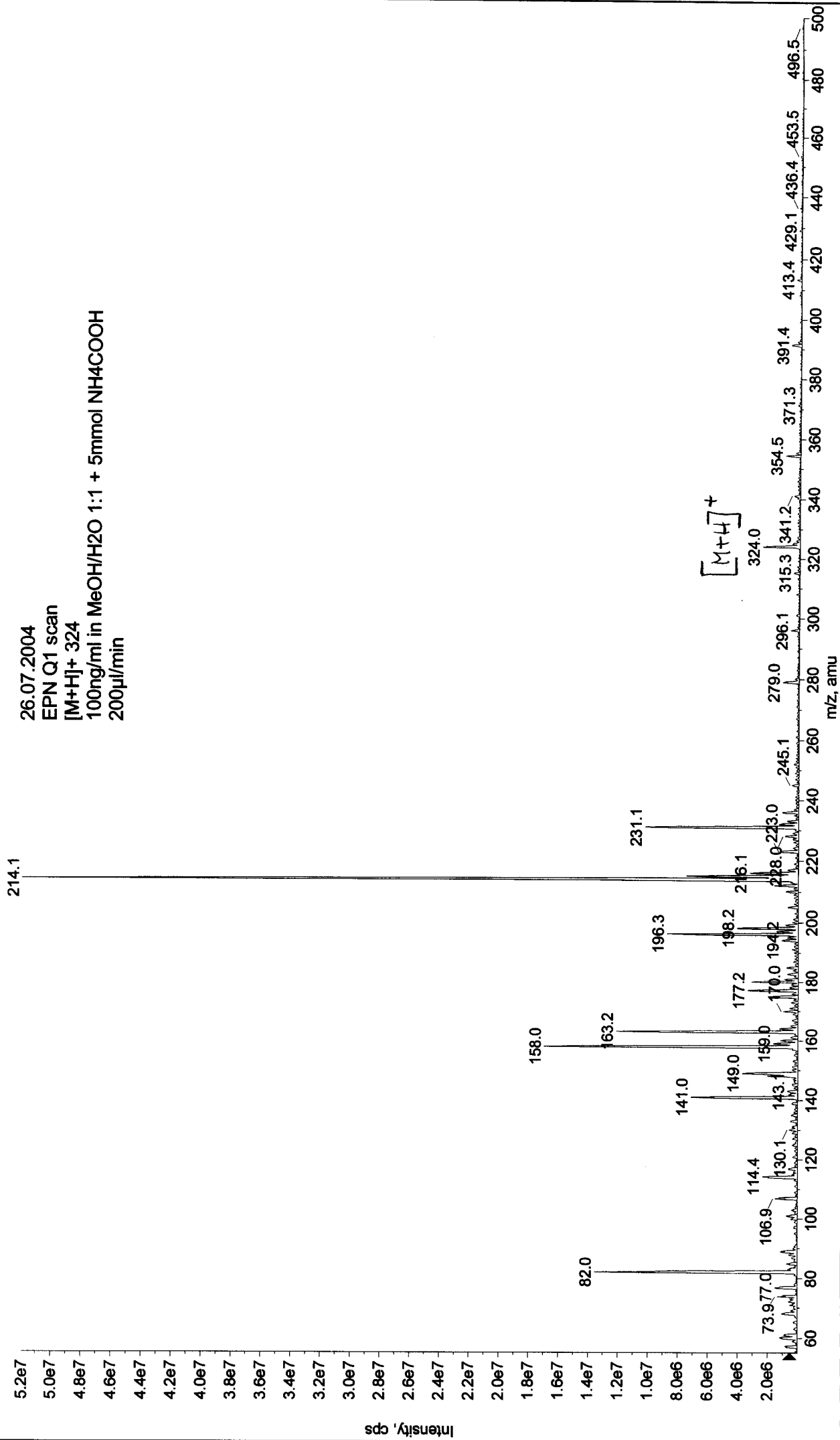
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation



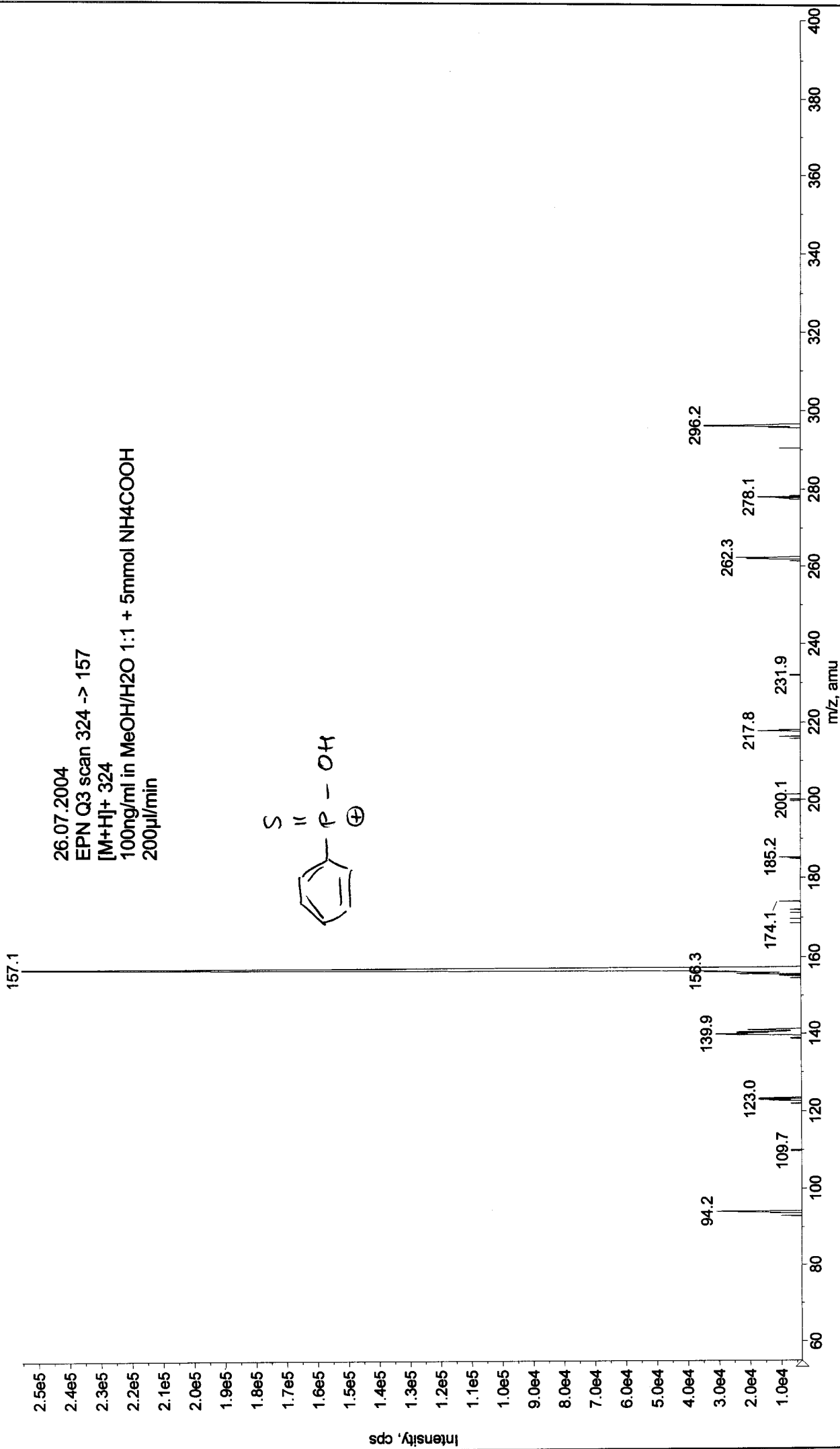
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726084523.wiff (Turbo Spray)

Max 5.2e7 cps



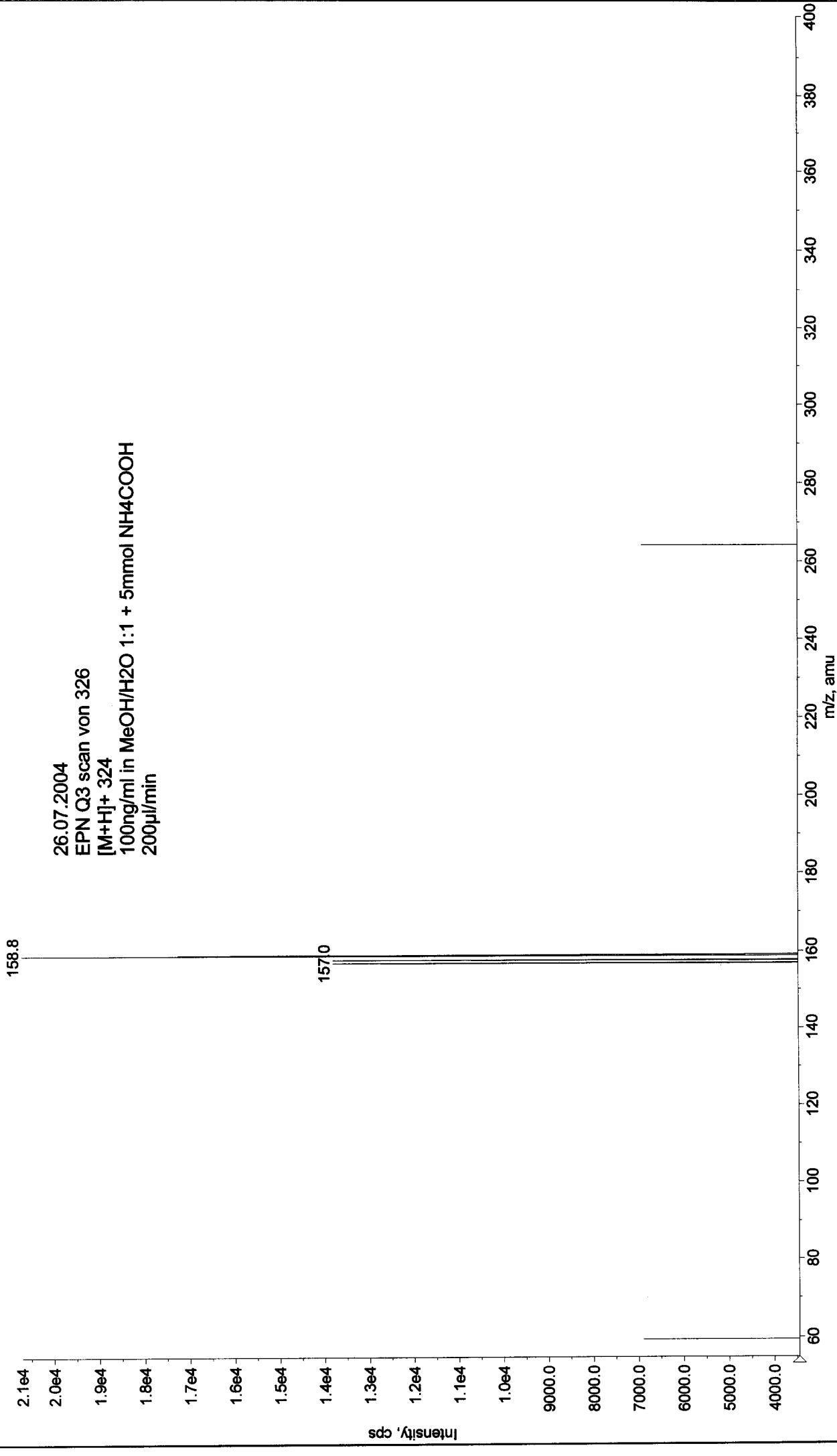
Max. 2.6e5 cps

+MS2 (324.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726084737.wiff (Turbo Spray)



Max. 2.1e4 cps.

+MS2 (326.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726084957.wiff (Turbo Spray)



+MS2 (324.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726085657.wiff (Turbo Spray)

Max. 1.5e5 cps.

