

July 16, 2026

NuMega Reference #
 2604KIME.243J

Company: Kimera Chem

Quantitative Analysis Report

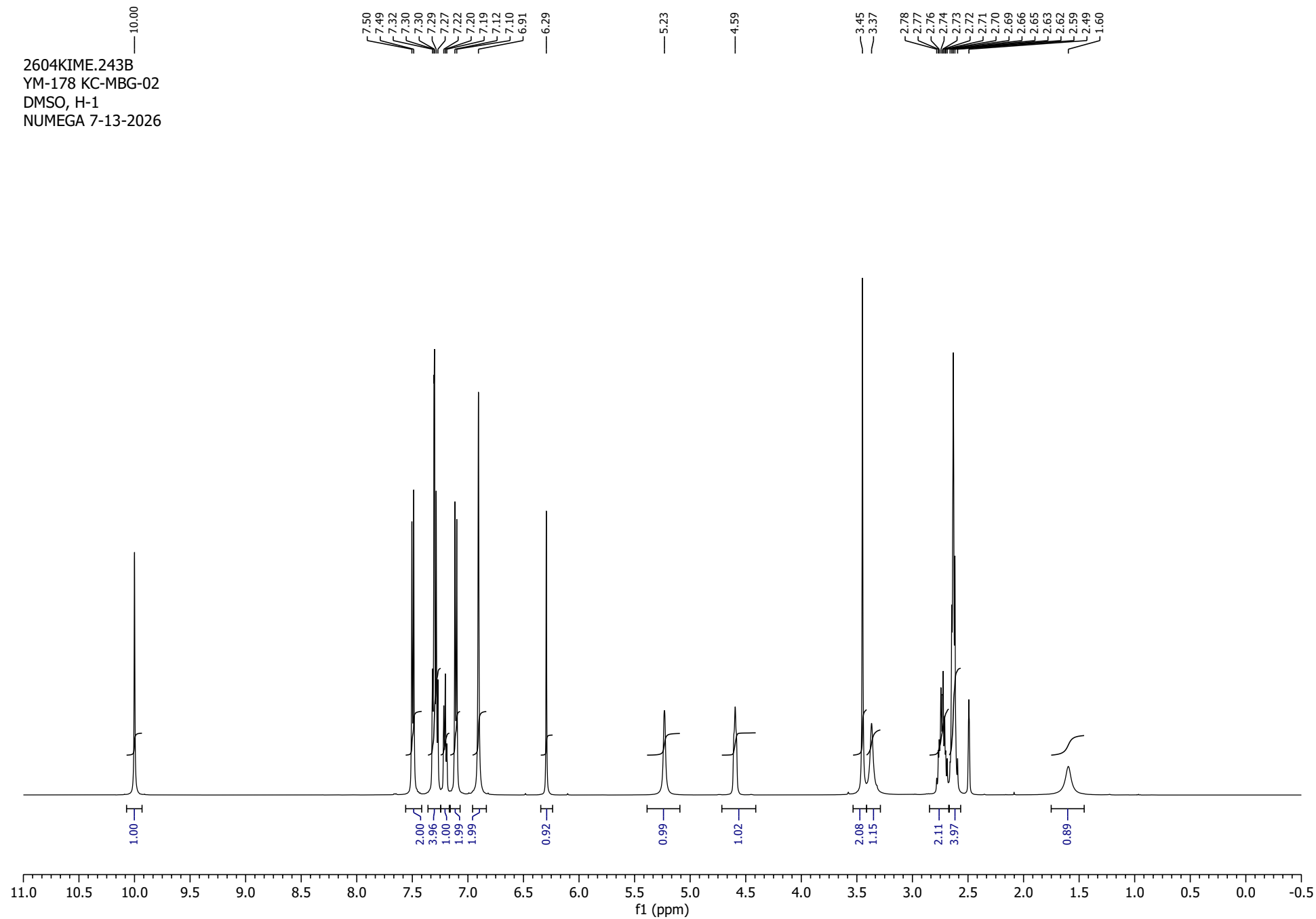
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	YM-178 KC-MBG-02
Standard	Dimethyl sulfone
Weight of Standard (wt _{st})	1.278
Weight of Sample (wt _{sa})	13.700
Assumed Sample Molecular Weight (MW _{sa})	396.51
Standard Molecular Weight (MW _{st})	94.13
Integration of Sample (I _{sa})	41.31
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	6
# of Equivalent Nuclei in Sample (n _{sa})	1
Assigned Purity of Standard % (P)	99.82
Purity %	97.2

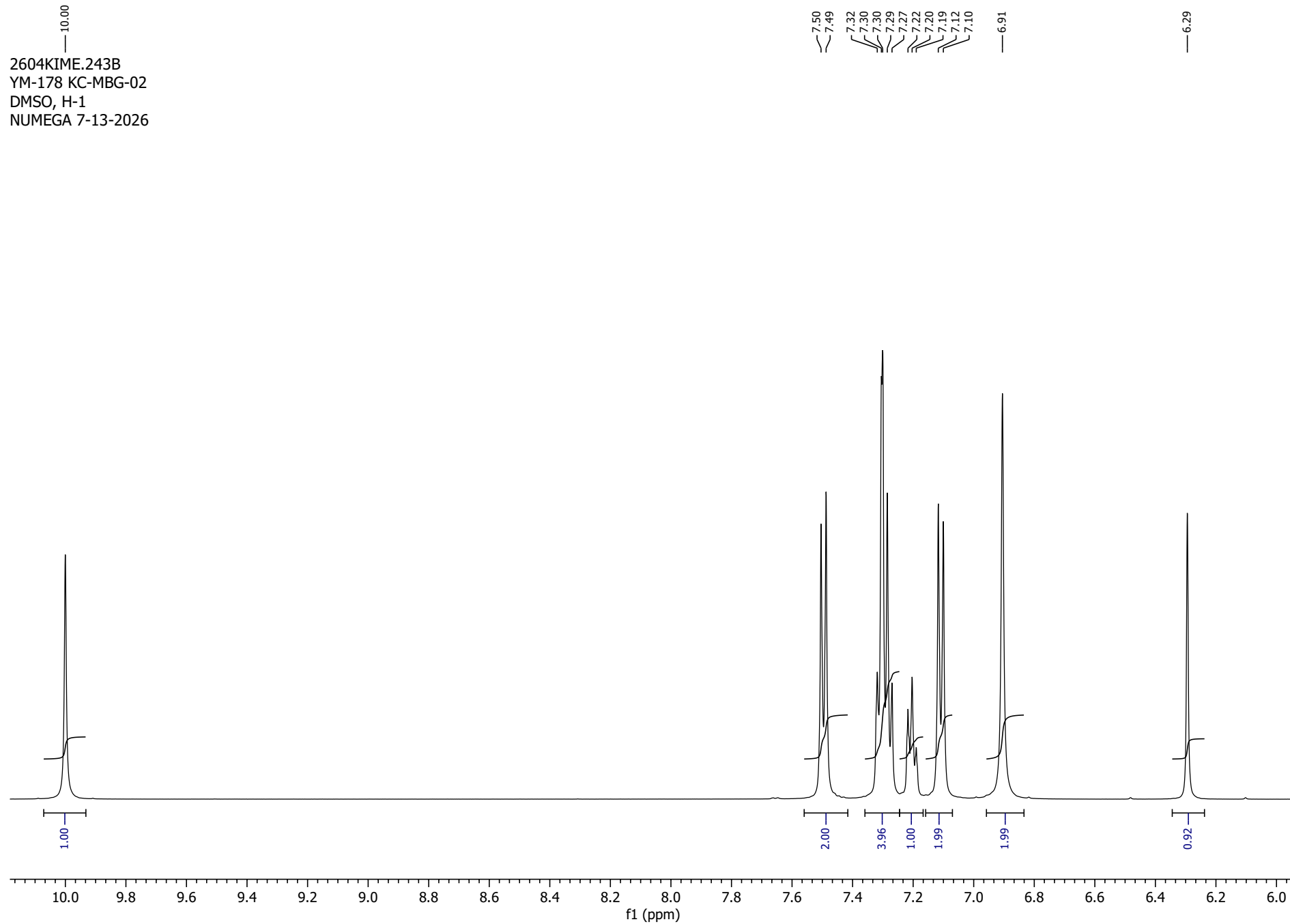
Formula Used for Calculation:

$$\text{Purity \%} = \frac{wt_{st}}{wt_{sa}} \times \frac{MW_{sa}}{MW_{st}} \times \frac{I_{sa}}{I_{st}} \times \frac{n_{st}}{n_{sa}} \times P$$

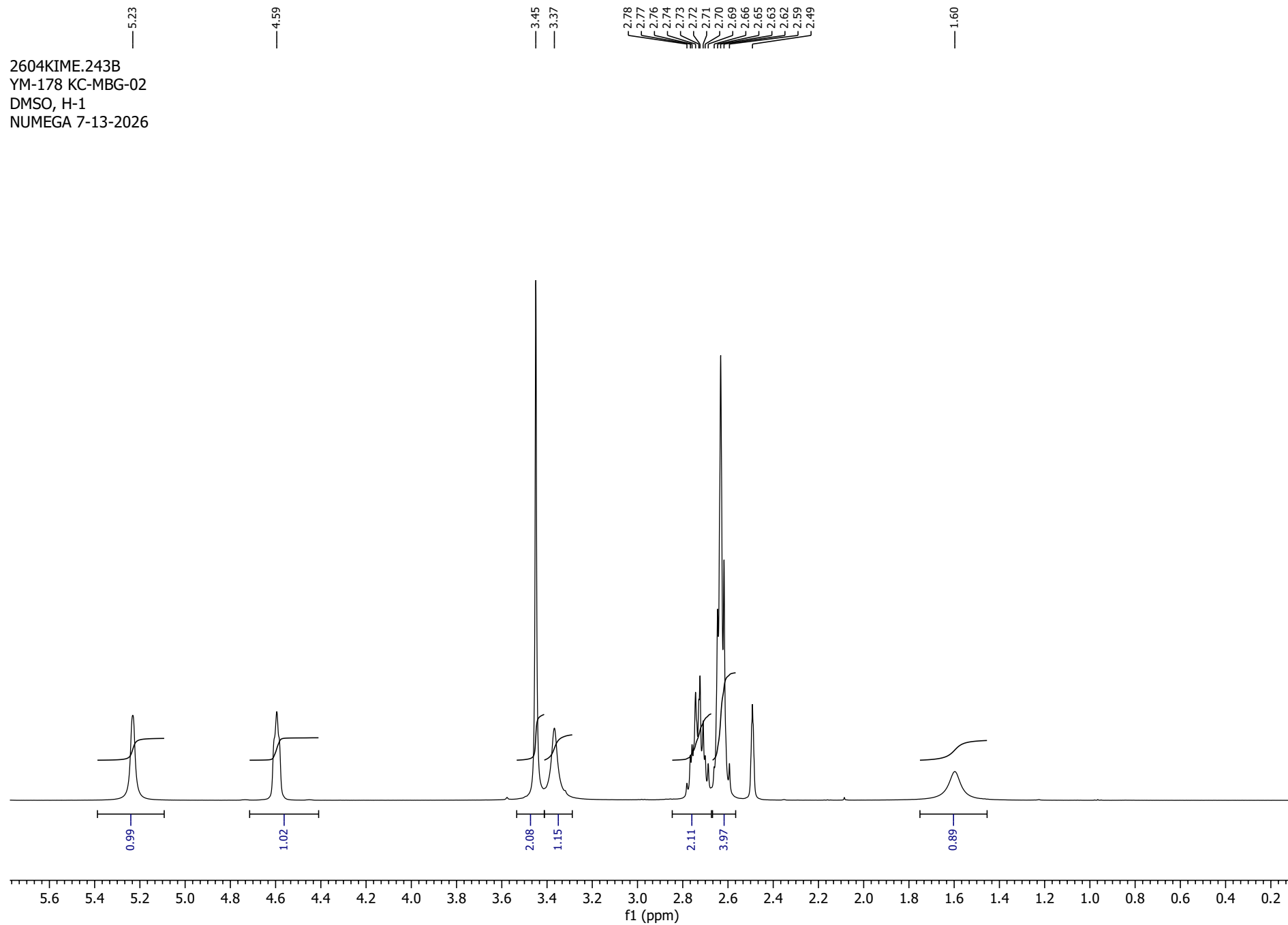
2604KIME.243B
YM-178 KC-MBG-02
DMSO, H-1
NUMEGA 7-13-2026



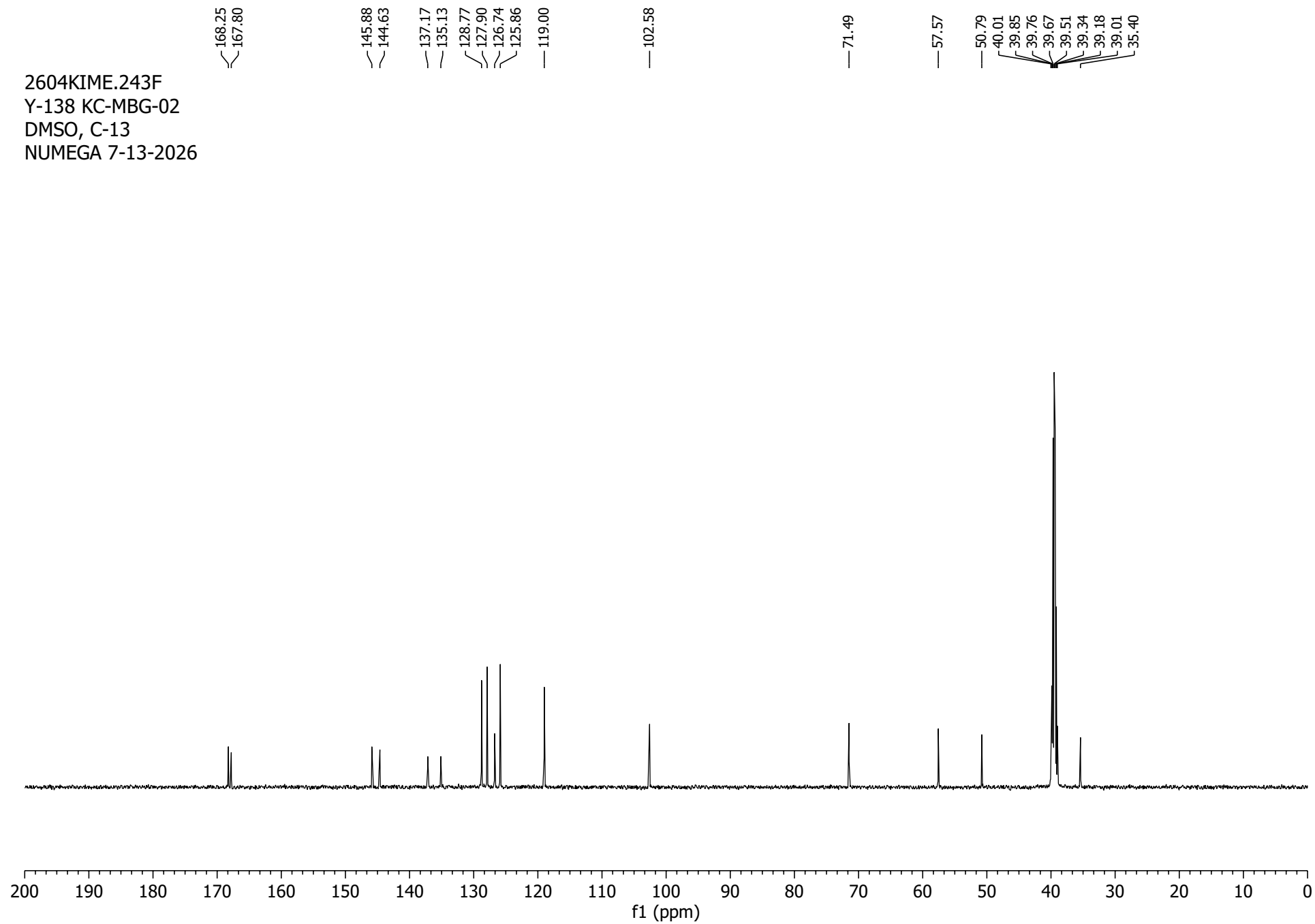
2604KIME.243B
YM-178 KC-MBG-02
DMSO, H-1
NUMEGA 7-13-2026



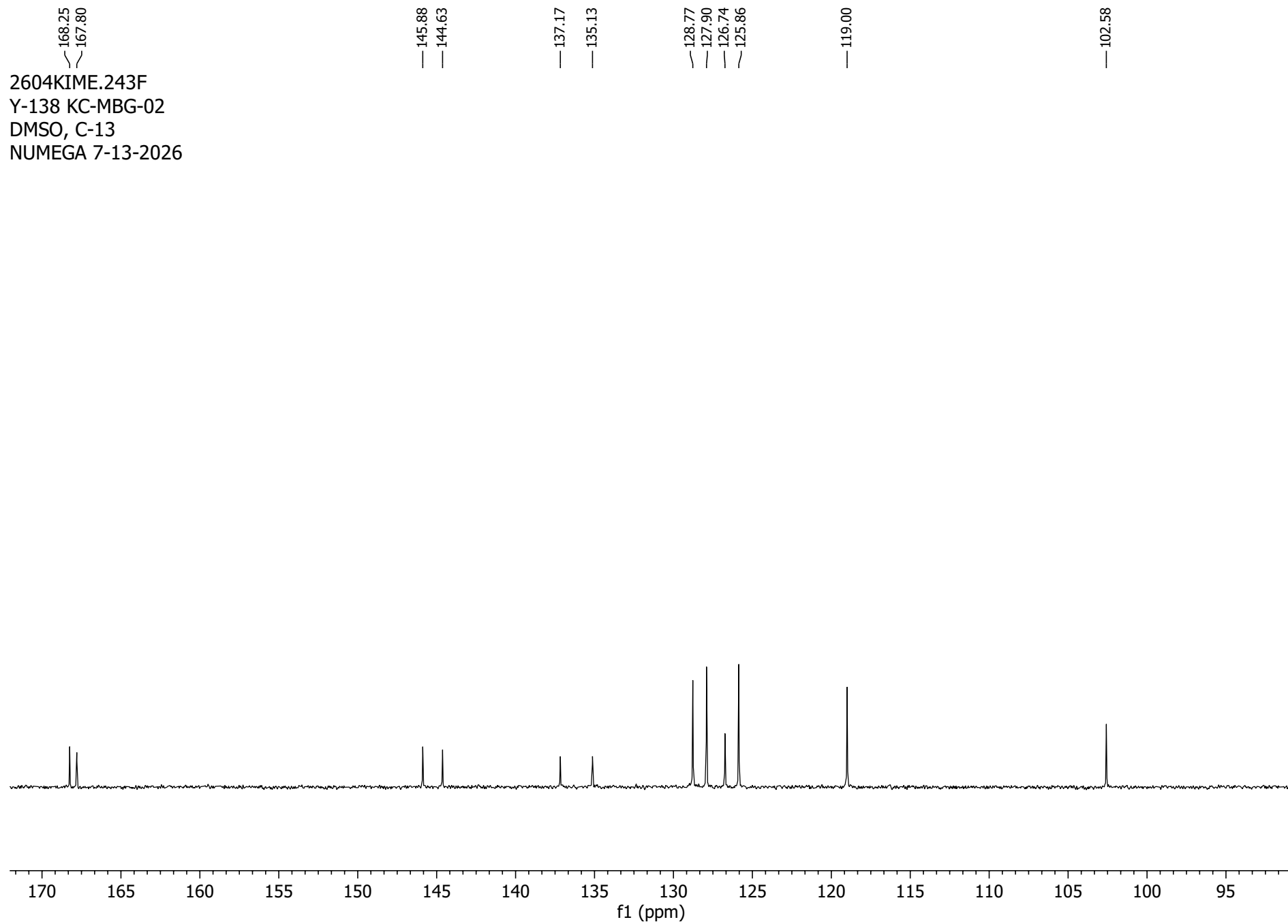
2604KIME.243B
YM-178 KC-MBG-02
DMSO, H-1
NUMEGA 7-13-2026



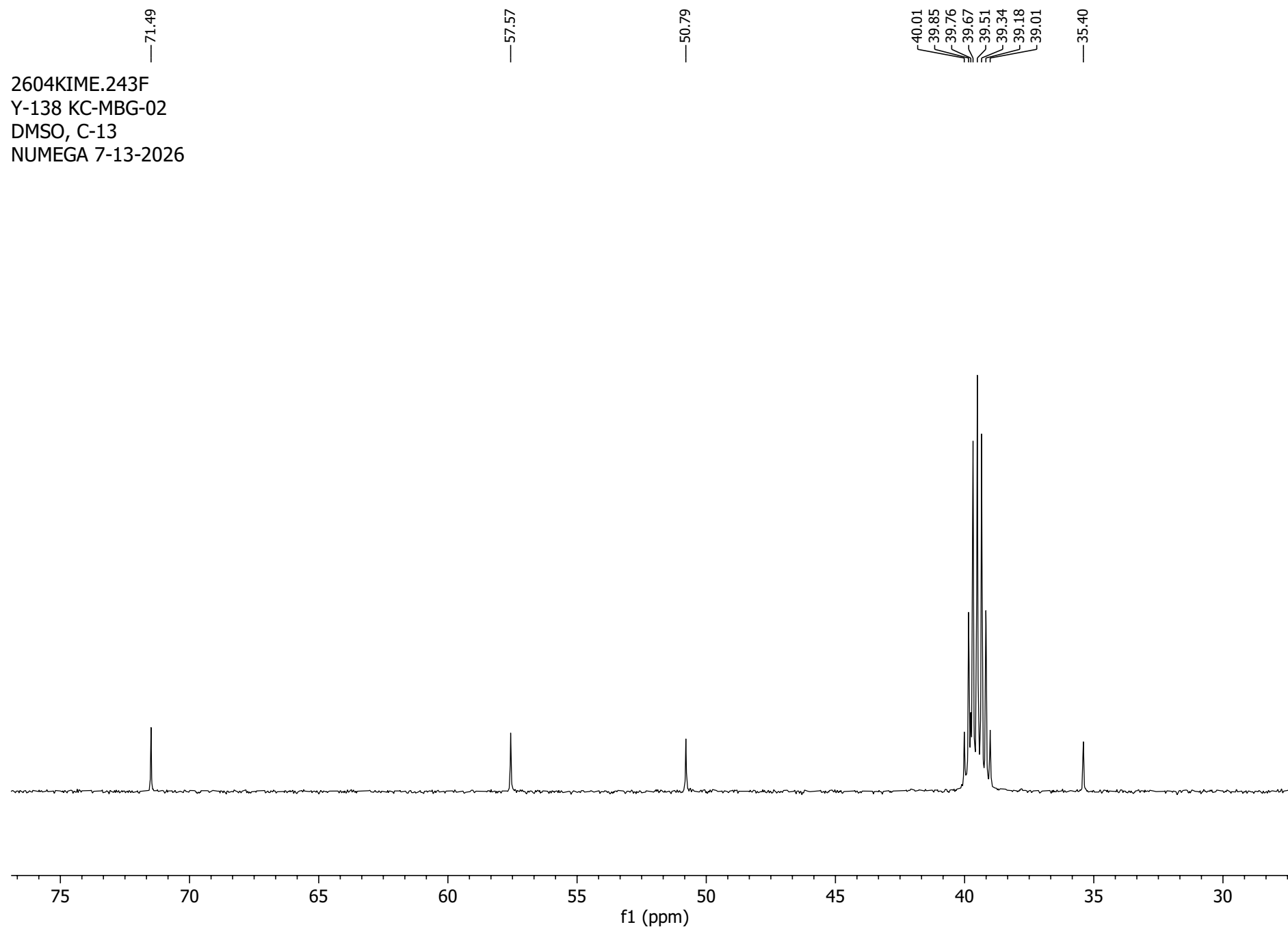
2604KIME.243F
Y-138 KC-MBG-02
DMSO, C-13
NUMEGA 7-13-2026

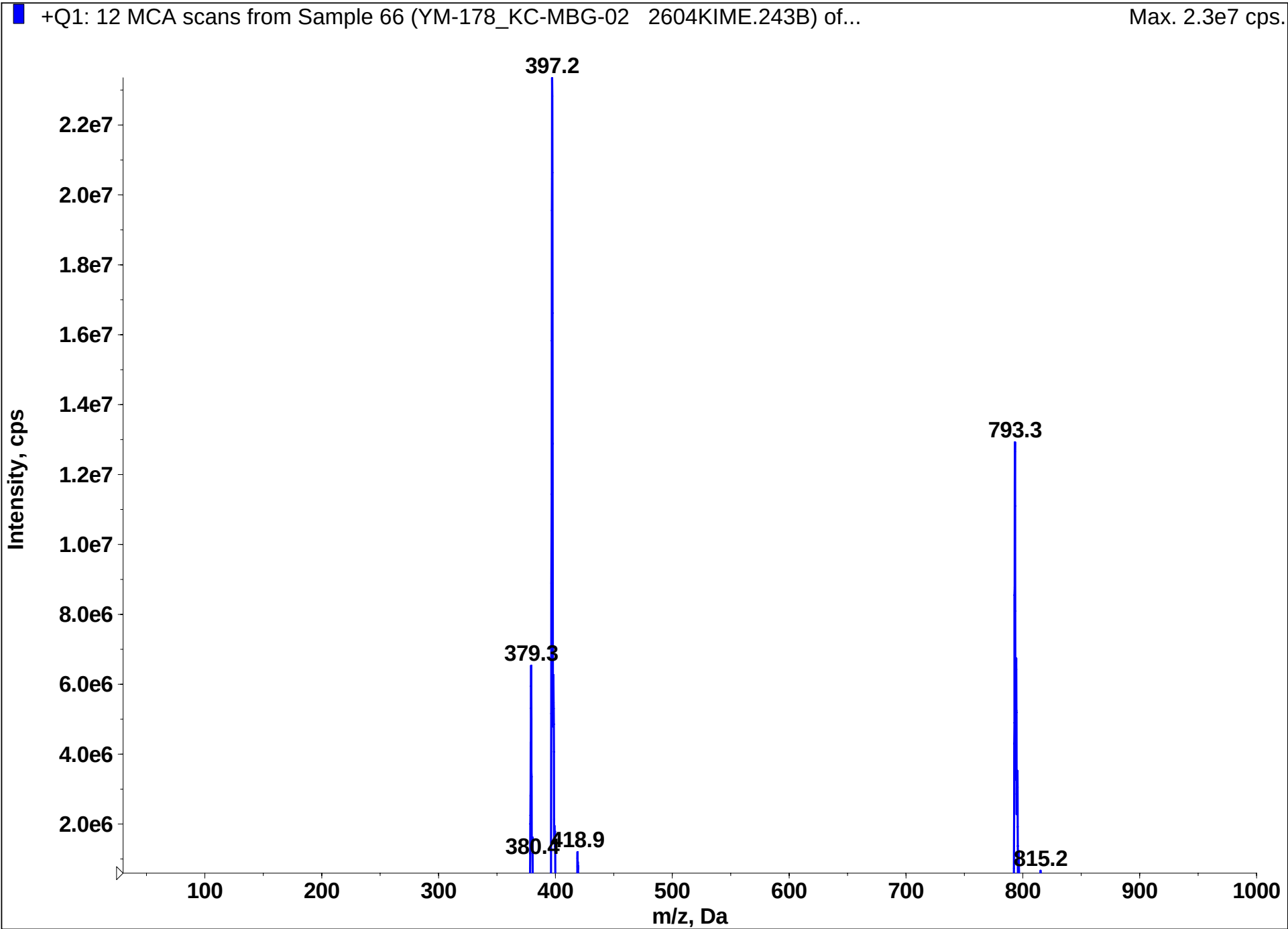


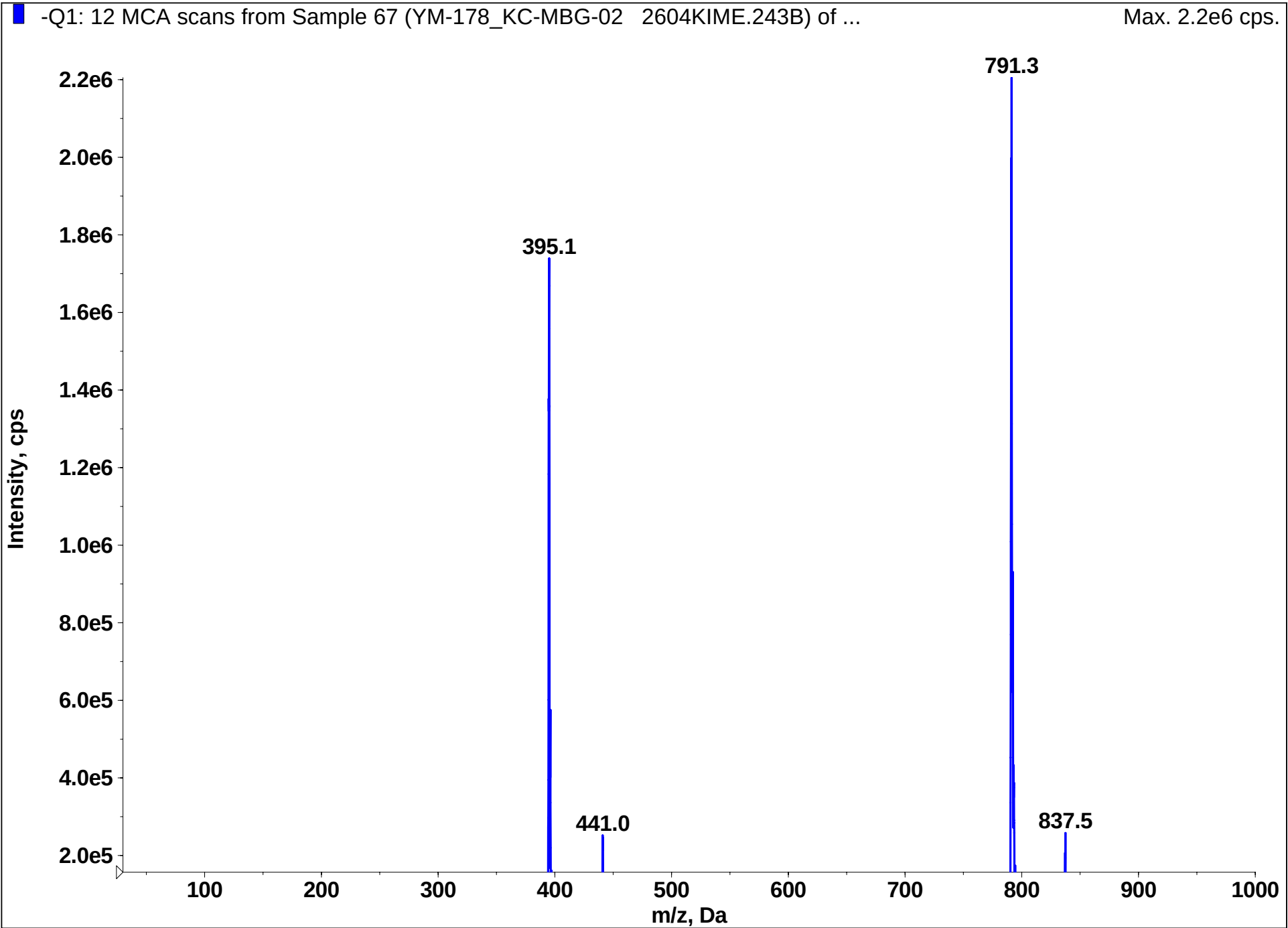
2604KIME.243F
Y-138 KC-MBG-02
DMSO, C-13
NUMEGA 7-13-2026



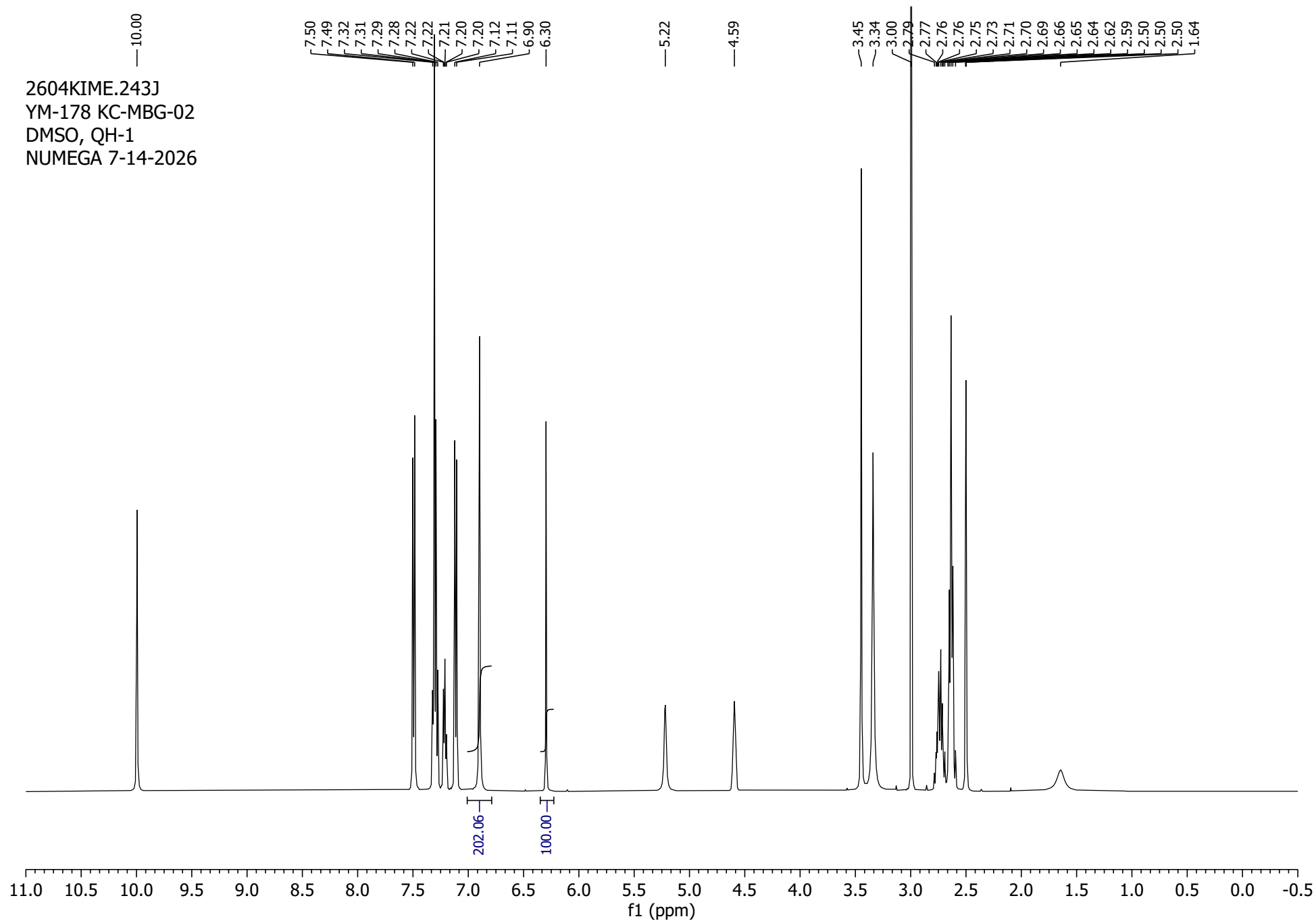
2604KIME.243F
Y-138 KC-MBG-02
DMSO, C-13
NUMEGA 7-13-2026







2604KIME.243J
YM-178 KC-MBG-02
DMSO, QH-1
NUMEGA 7-14-2026



2604KIME.243J
YM-178 KC-MBG-02
DMSO, QH-1
NUMEGA 7-14-2026

