

July 10, 2026

NuMega Reference #
 2604KIME.193N

Company: Kimera Chem

Quantitative Analysis Report

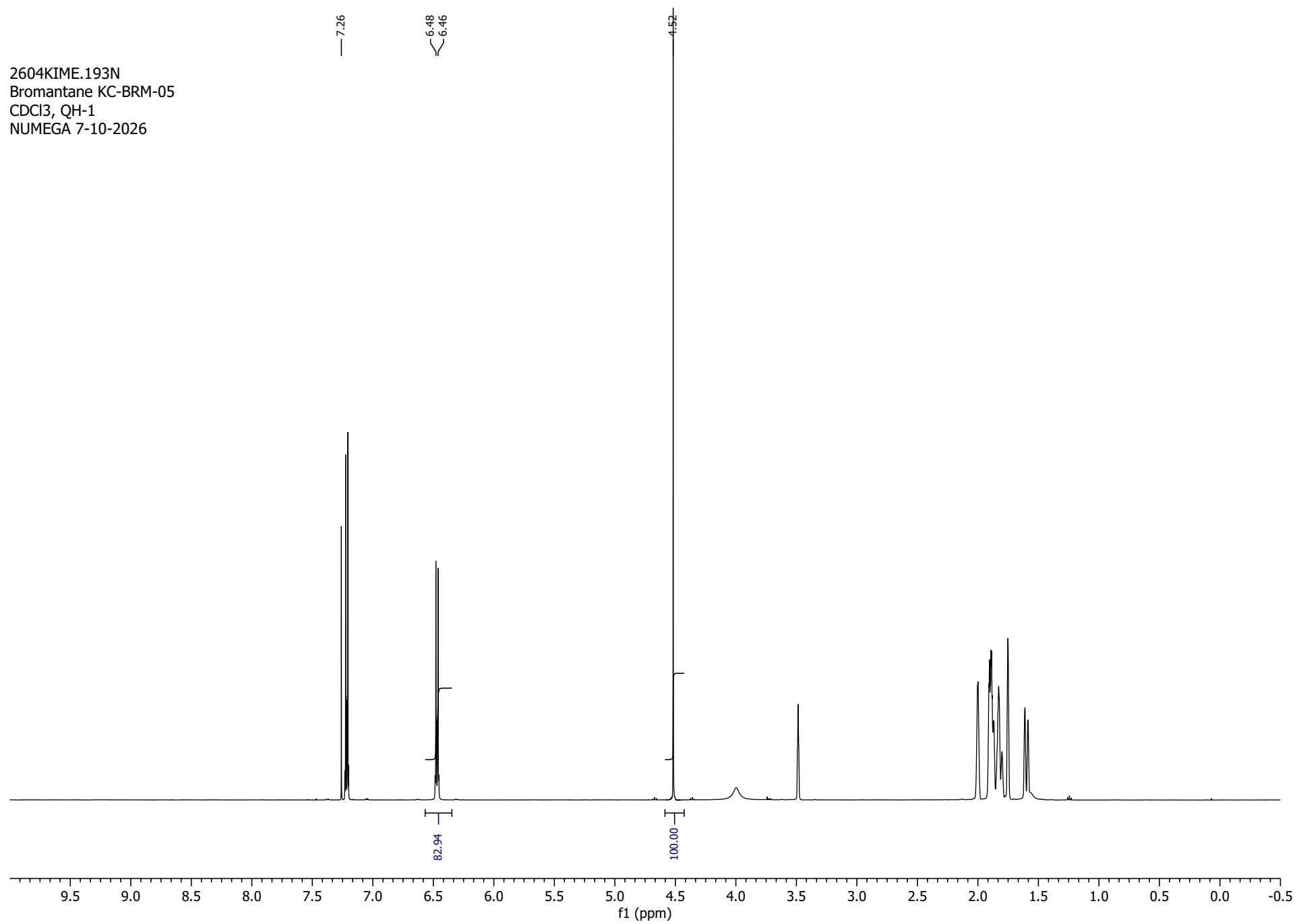
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Bromantane KC-BRM-05
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.723
Weight of Sample (wt _{sa})	9.923
Assumed Sample Molecular Weight (MW _{sa})	306.25
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	82.94
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	4
# of Equivalent Nuclei in Sample (n _{sa})	2
Assigned Purity of Standard % (P)	99.71
Purity %	99.9

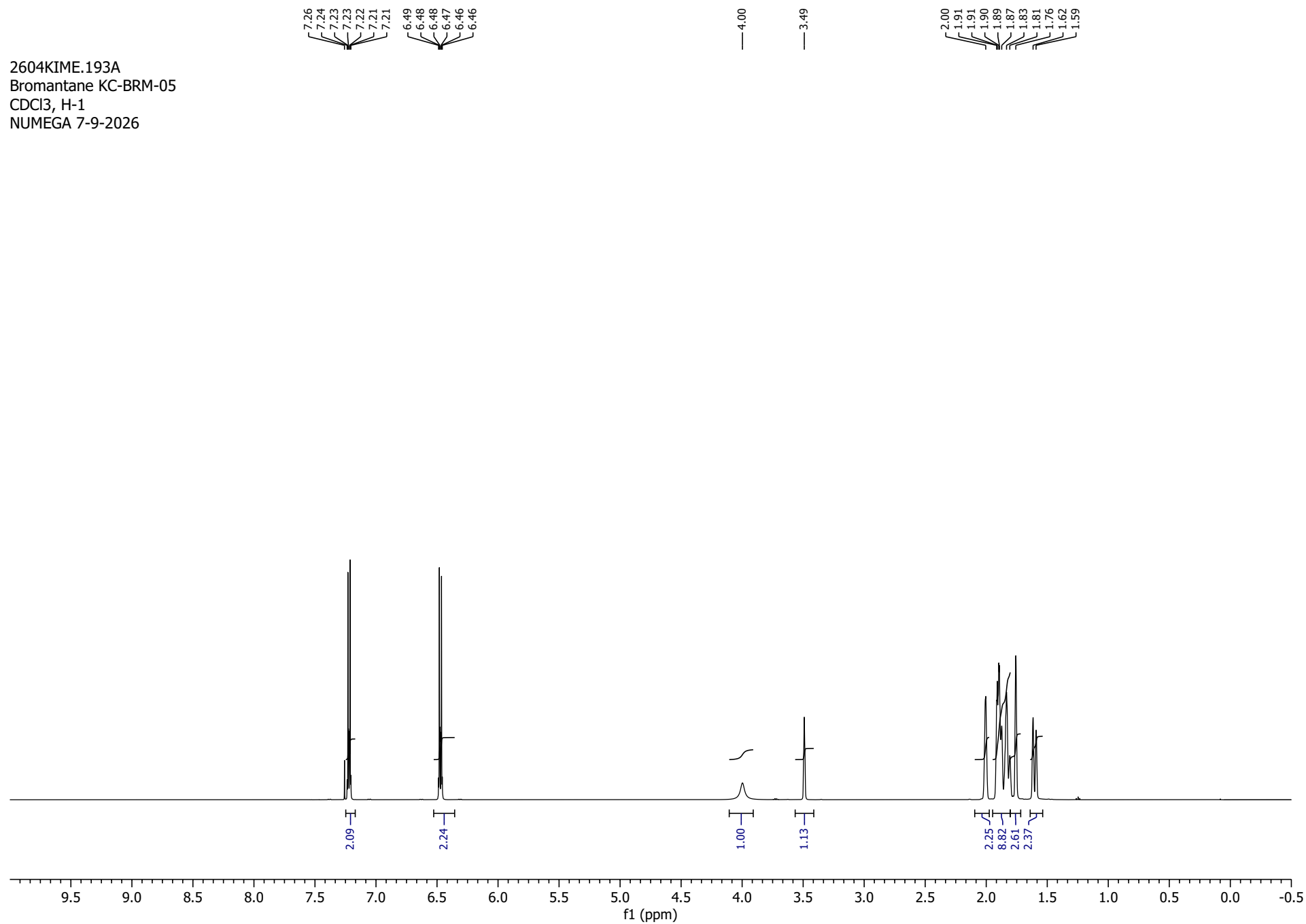
Formula Used for Calculation:

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

2604KIME.193N
Bromantane KC-BRM-05
CDCl₃, QH-1
NUMEGA 7-10-2026



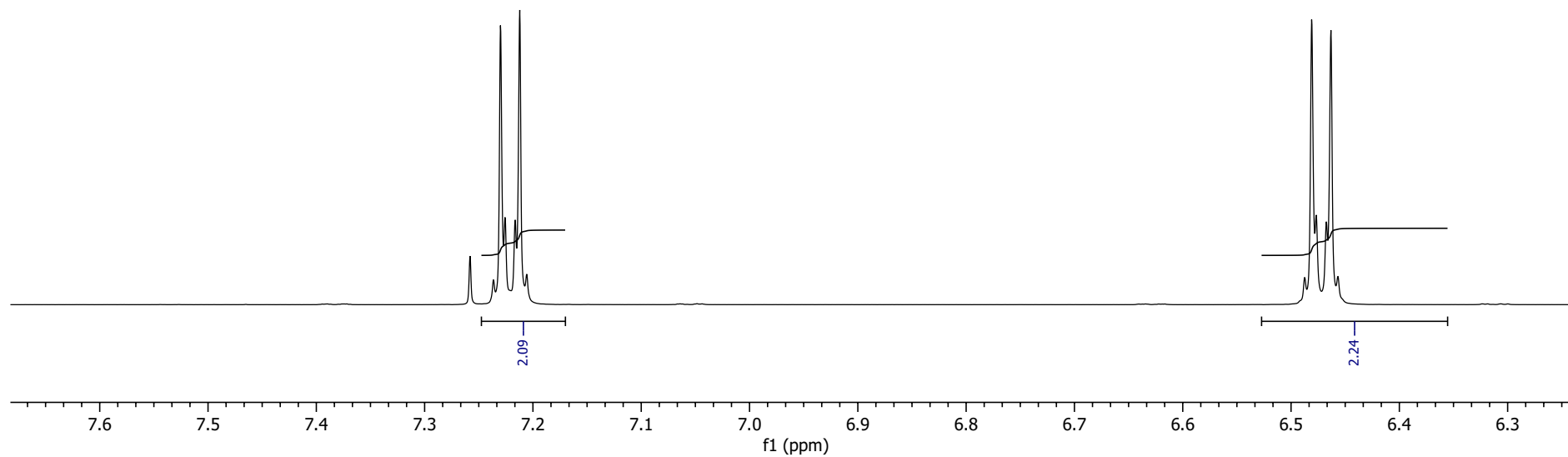
2604KIME.193A
Bromantane KC-BRM-05
CDCl₃, H-1
NUMEGA 7-9-2026



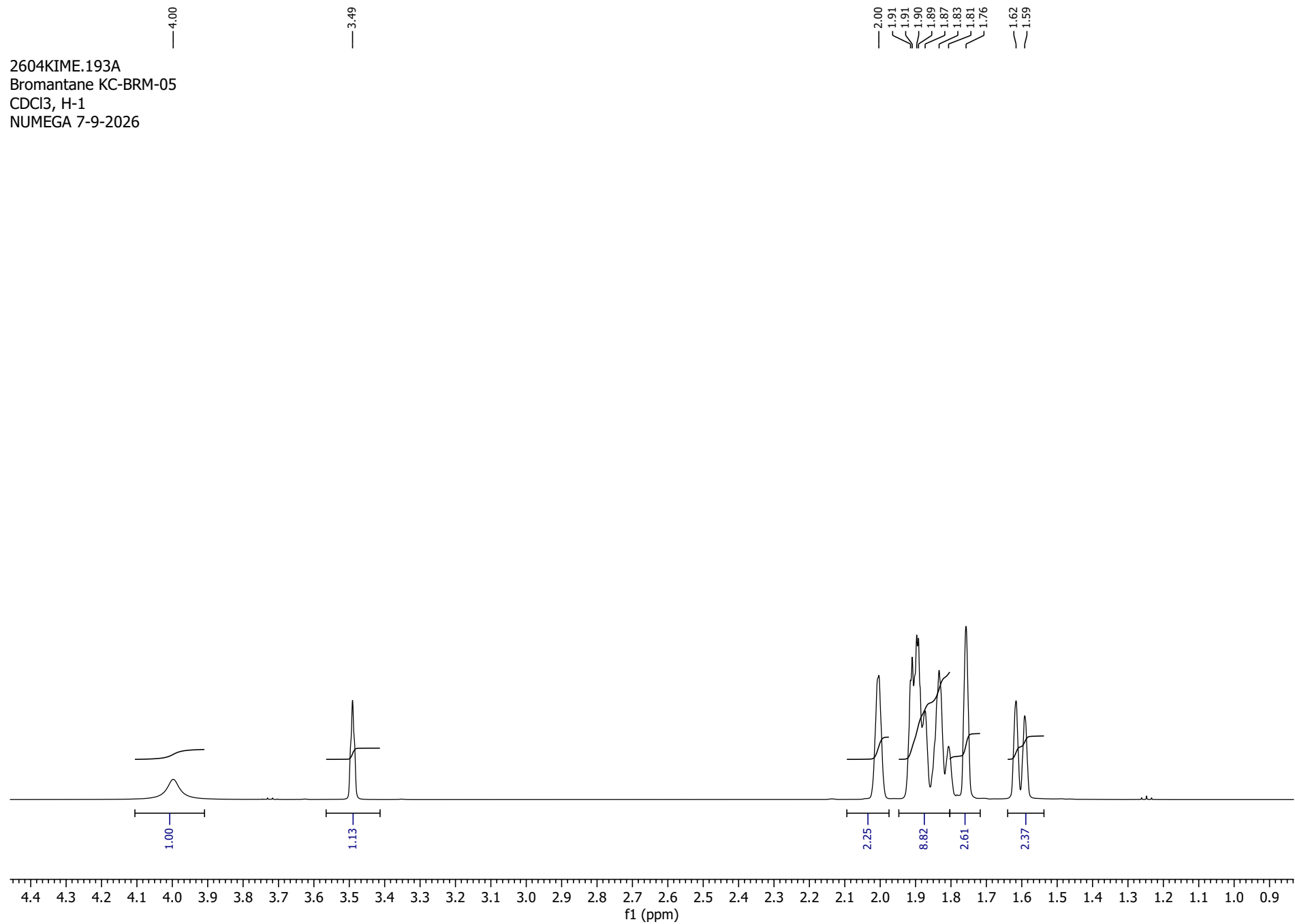
2604KIME.193A
Bromantane KC-BRM-05
CDCl₃, H-1
NUMEGA 7-9-2026

7.26
7.24
7.23
7.22
7.21
7.21

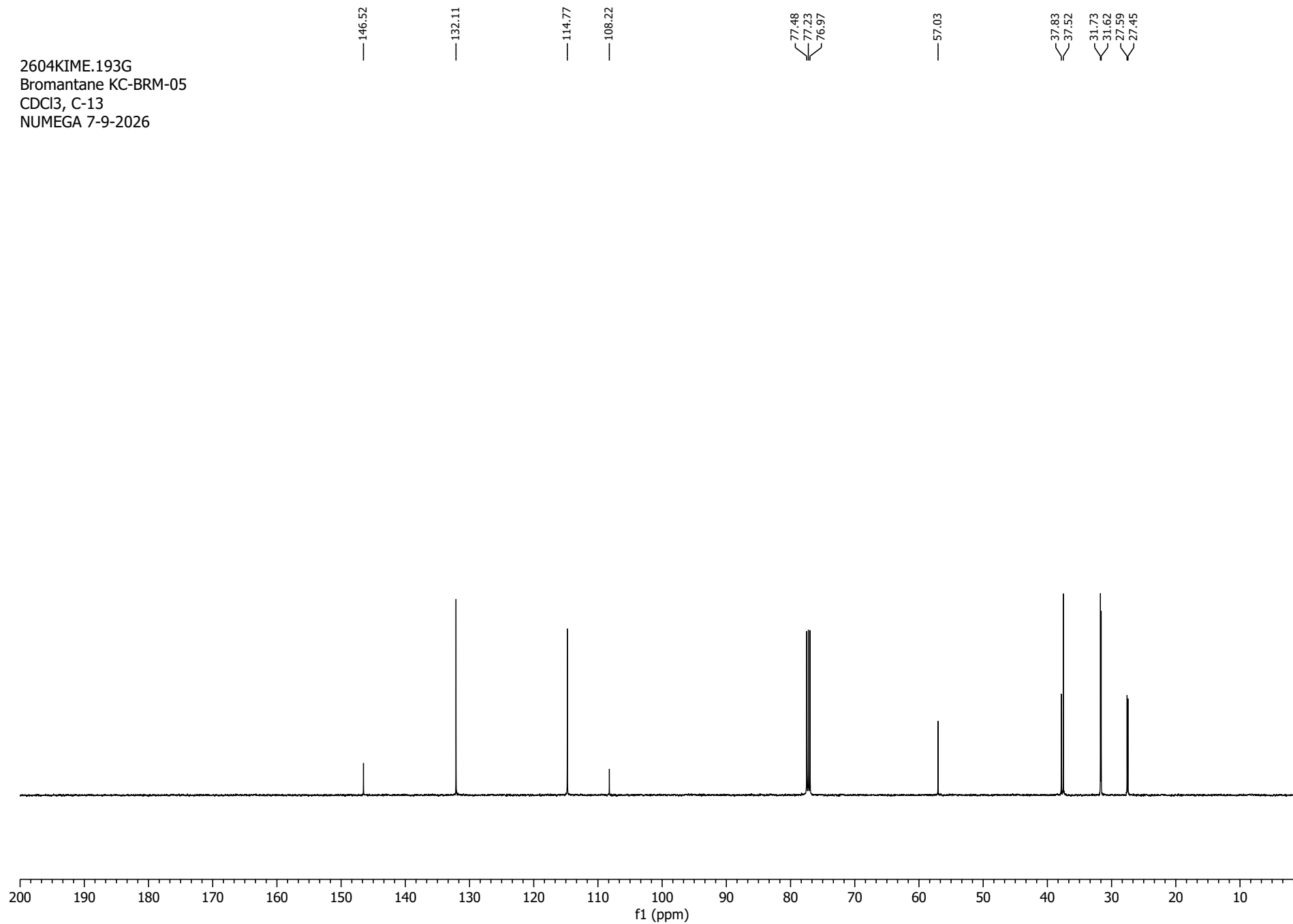
6.49
6.48
6.48
6.47
6.46
6.46



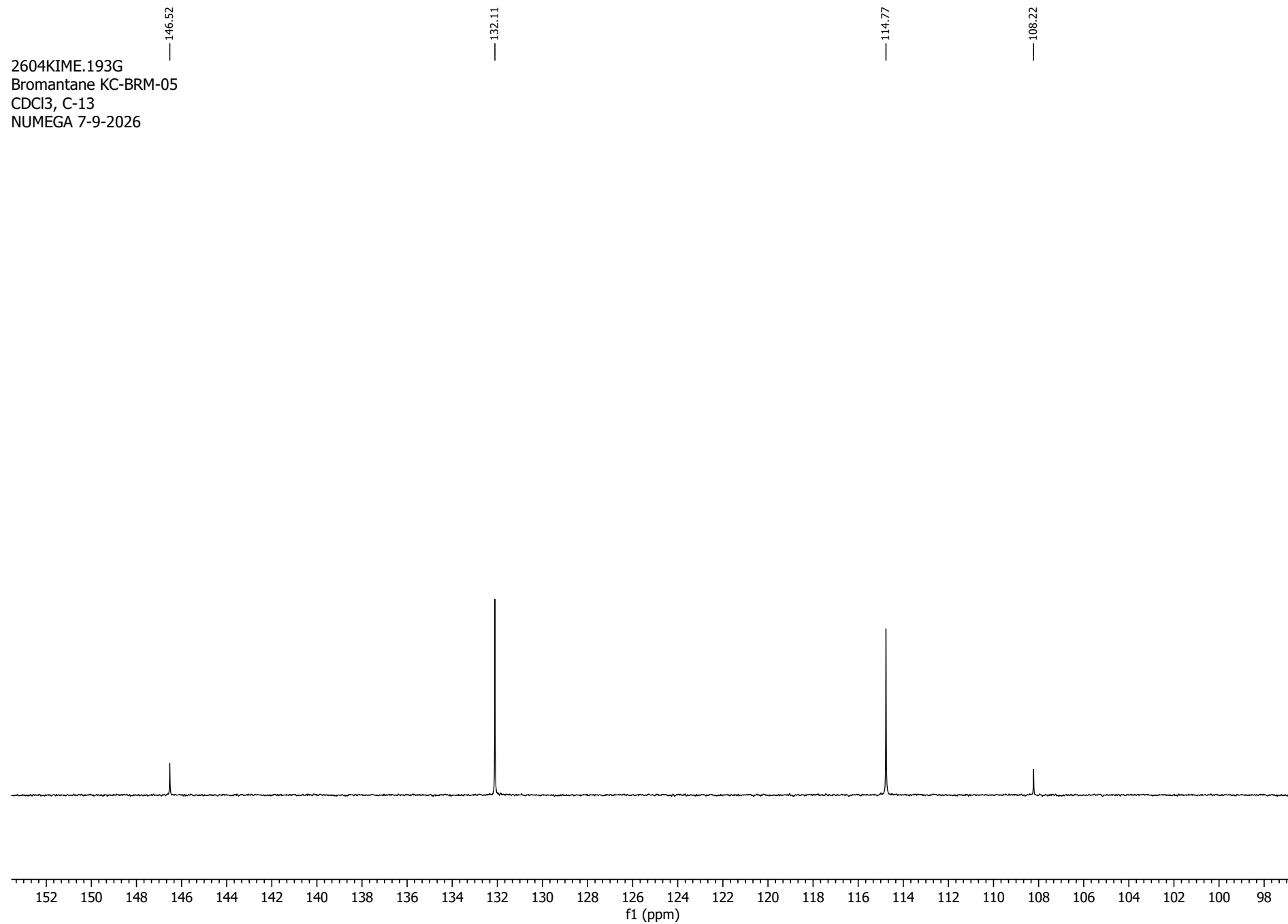
2604KIME.193A
Bromantane KC-BRM-05
CDCl₃, H-1
NUMEGA 7-9-2026



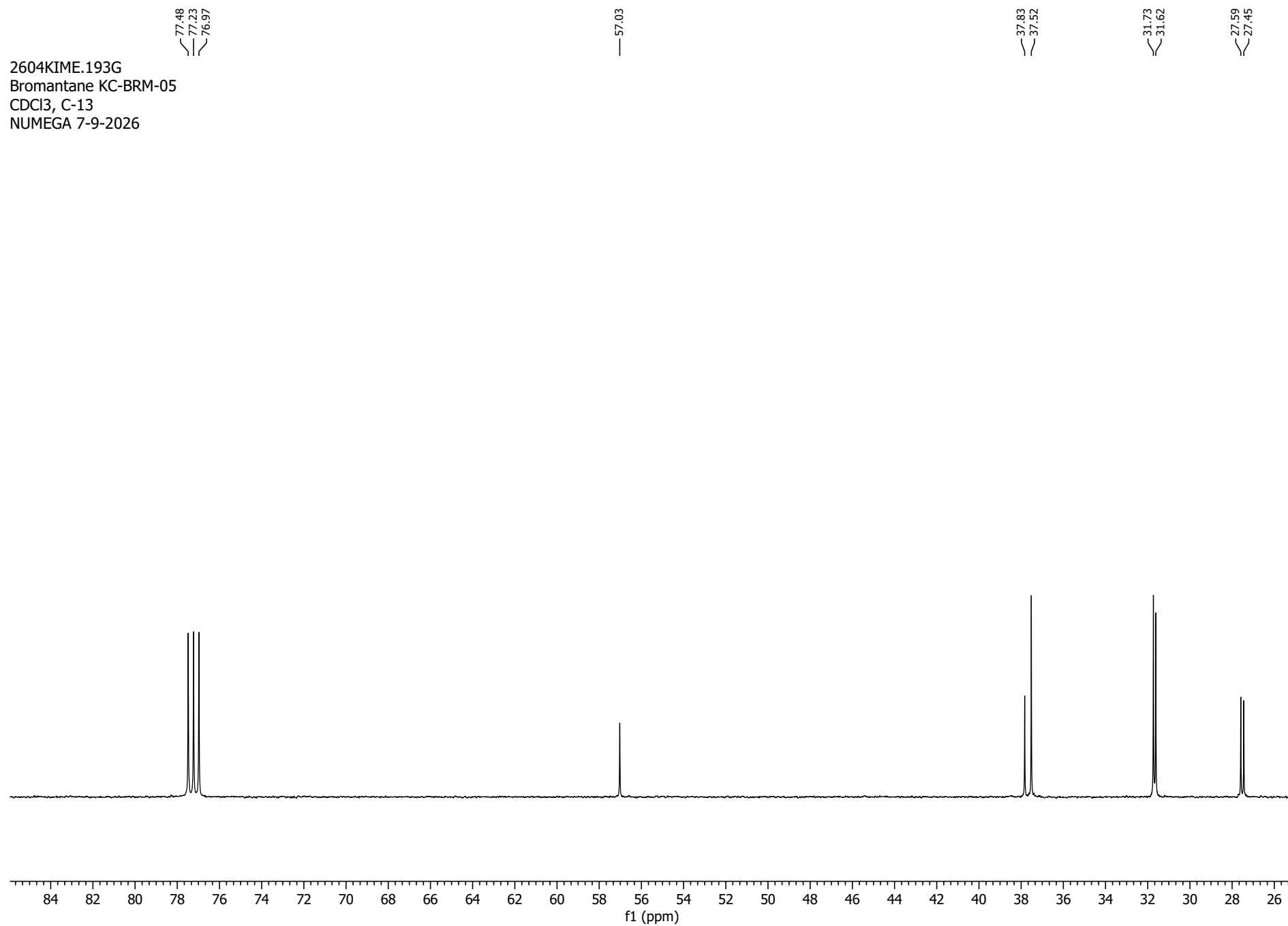
2604KIME.193G
Bromantane KC-BRM-05
CDCl₃, C-13
NUMEGA 7-9-2026



2604KIME.193G
Bromantane KC-BRM-05
CDCl₃, C-13
NUMEGA 7-9-2026



2604KIME.193G
Bromantane KC-BRM-05
CDCl₃, C-13
NUMEGA 7-9-2026



NuMega Resonance Labs
Sample Name: BROMANTANE_KC-BRM-05 2604KIME.193A
Acq. Date: Thursday, July 09, 2026

Polarity/Scan Type: Positive Q1 MS

