

Name:	9-Aminoacridine-¹³C₆
Lot#:	GR-17-187
Test Date:	07/06/2022 (re-test date: 07/06/2027)
CAS No.:	90-45-9 (unlabelled)
MF:	C ₇ ¹³ C ₆ H ₁₀ N ₂
MW:	200.19
Appearance:	Yellow solid
Purity:	99.5% by HPLC (average of two sample preparations); 99% atom ¹³ C
¹H-NMR:	Conforms (shows a trace of DCM)
MS-ESI (+)	Conforms (shows peaks at m/z = 201.10 [M+H] ⁺)
Storage	Store at 0-5°C in a dry place away from direct sunlight

Approved by:

Date: 07/11/2022



Viorica Rusu, QC/QA Manager

GR-17-187

8.47
8.35
8.34
8.20
7.91
7.78
7.77
7.70
7.65
7.61
7.60
7.59
7.46
7.40
7.29
7.27
7.26
7.14

5.72

3.30

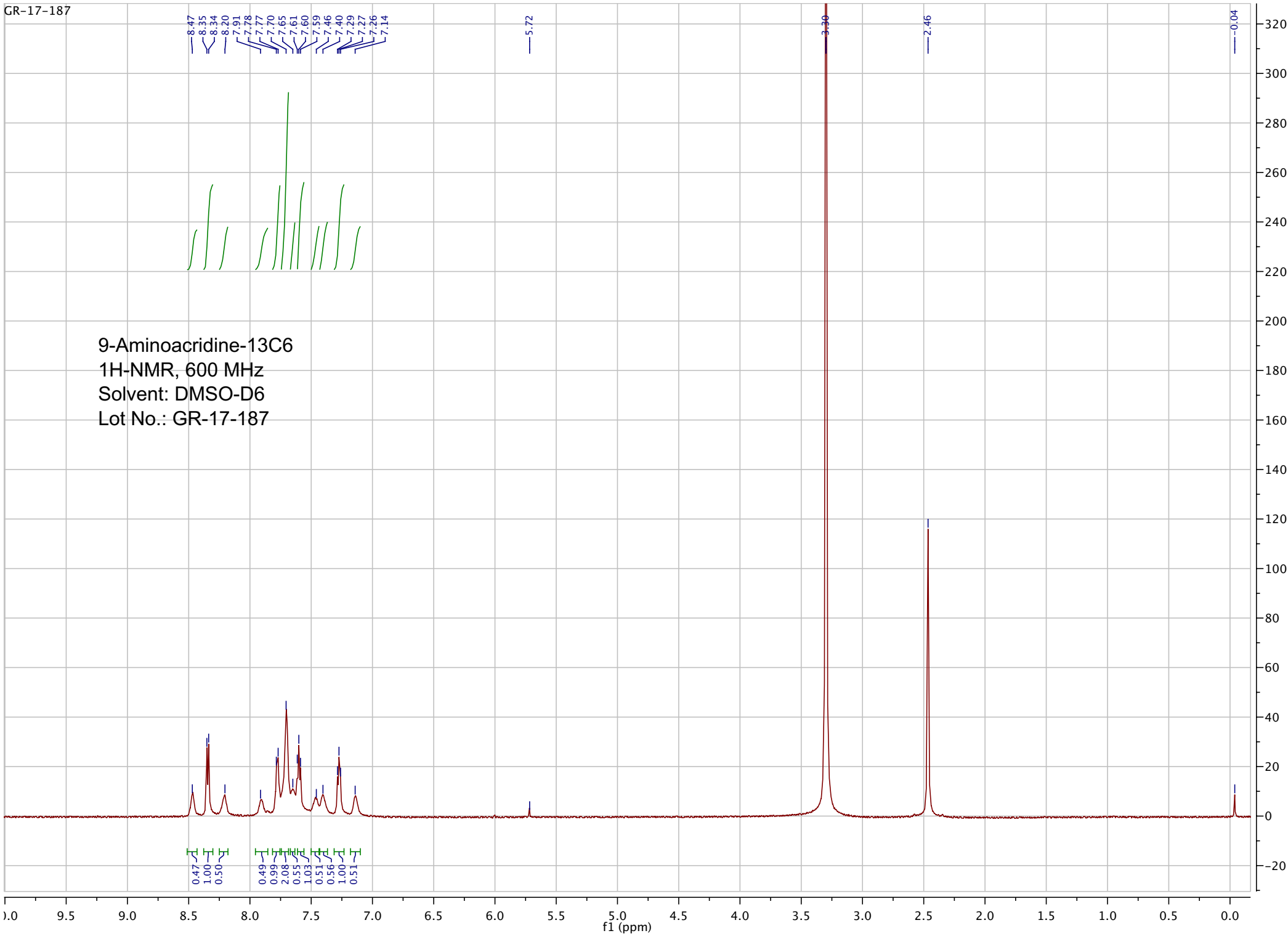
2.46

-0.04

9-Aminoacridine-13C6
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-17-187

0.47
1.00
0.50

0.49
0.99
2.08
0.55
1.03
0.51
0.56
1.00
0.51



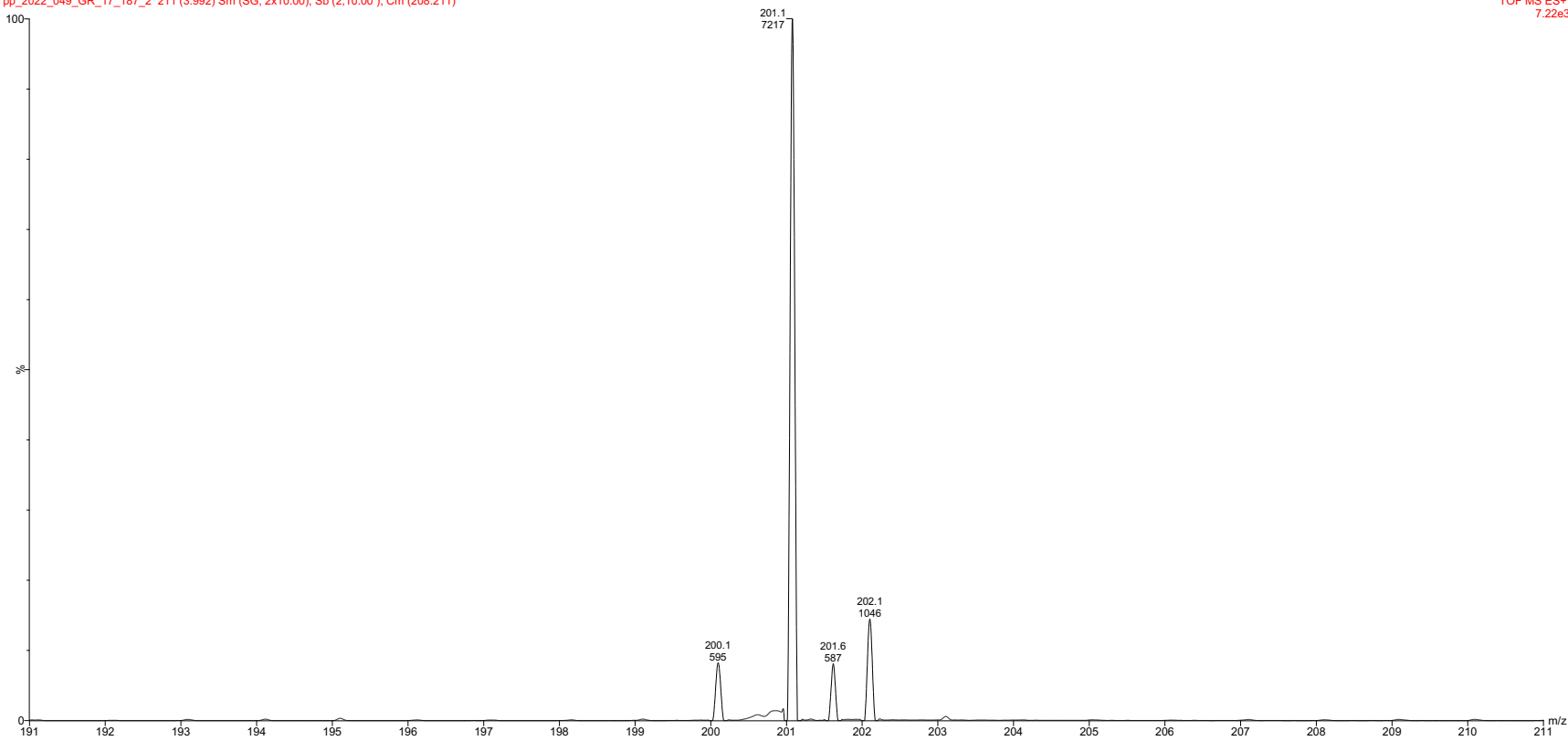
pp_2022_049_GR_17_187_2 211 (3.992) Sm (SG, 2x10.00); Sb (2,10.00); Cm (208:211)



ESI-MS spectrum for sample GR-17-187. Shows monoisotopic $[M+H]^+$ mass.

11-Jul-2022, 16:36:41
TOF MS ES+
7.22e3

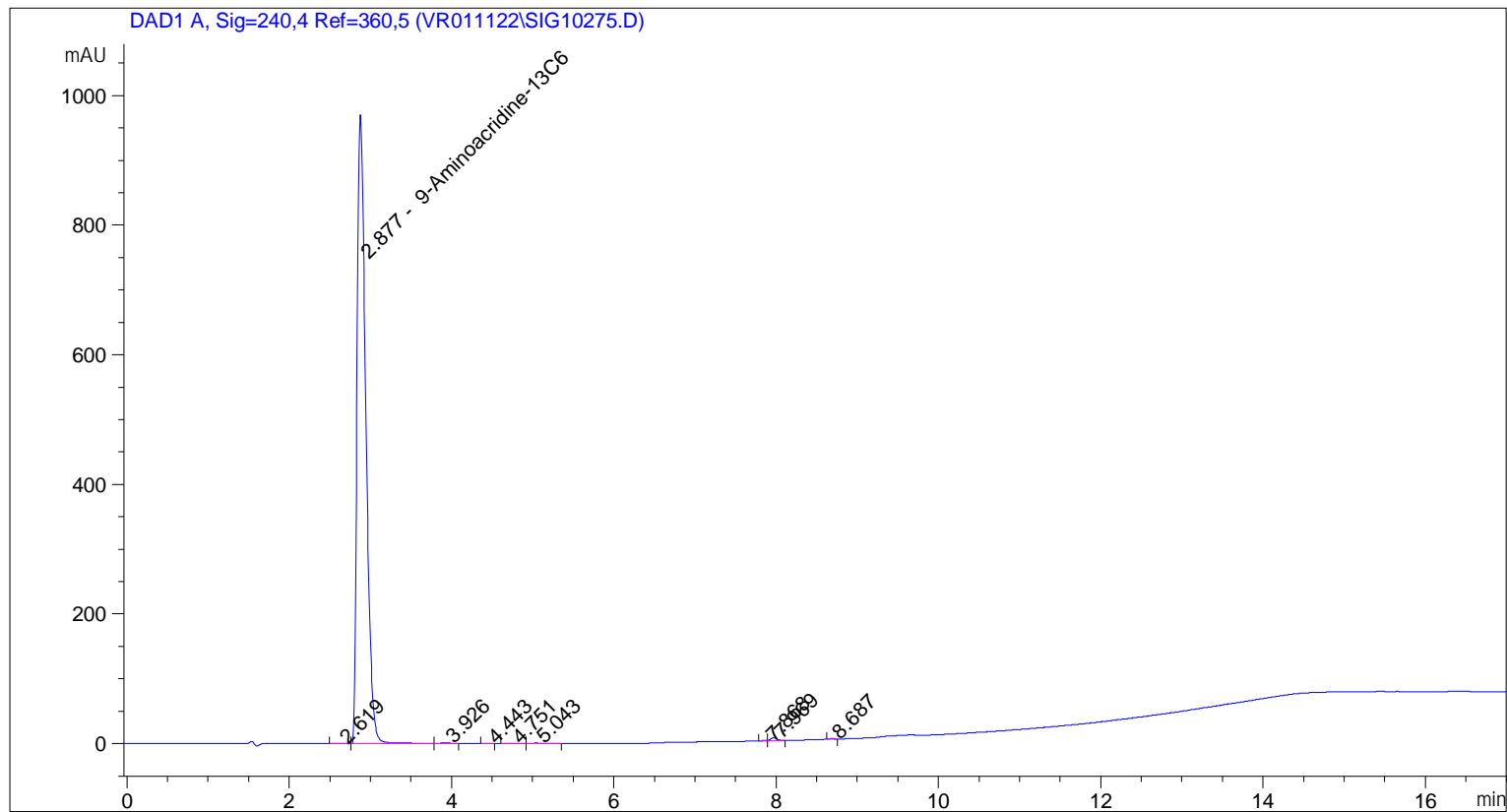
pp_2022_049_GR_17_187_2_211 (3.992) Sm (SG, 2x10.00); Sb (2,10.00); Cm (208:211)



Expansion of above showing intensity values.

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 26
Injection Date  : 7/6/2022 2:52:20 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR070622_187.M
Last changed    : 7/6/2022 2:51:20 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR070622_187PM.M
Last changed    : 7/6/2022 3:39:47 PM by vrusu
  
```



Area Percent Report

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=====
Sorted By      : Signal
Calib. Data Modified : 7/6/2022 3:36:56 PM
Multiplier:    : 1.0000
Dilution:     : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.619	BB	0.0997	7.53109e-1	0.0103	?
2	2.877	BV	0.1174	7283.02393	99.4145	9-Aminoacridine-13C6
3	3.926	VB	0.1174	3.25174	0.0444	?
4	4.443	BB	0.0678	4.92954e-1	6.729e-3	?
5	4.751	BV	0.1306	1.59718	0.0218	?
6	5.043	VB	0.1750	3.46408	0.0473	?
7	7.868	BV	0.0561	4.04204	0.0552	?
8	7.969	VB	0.0815	25.52010	0.3484	?

Sample Name: GR-17-187

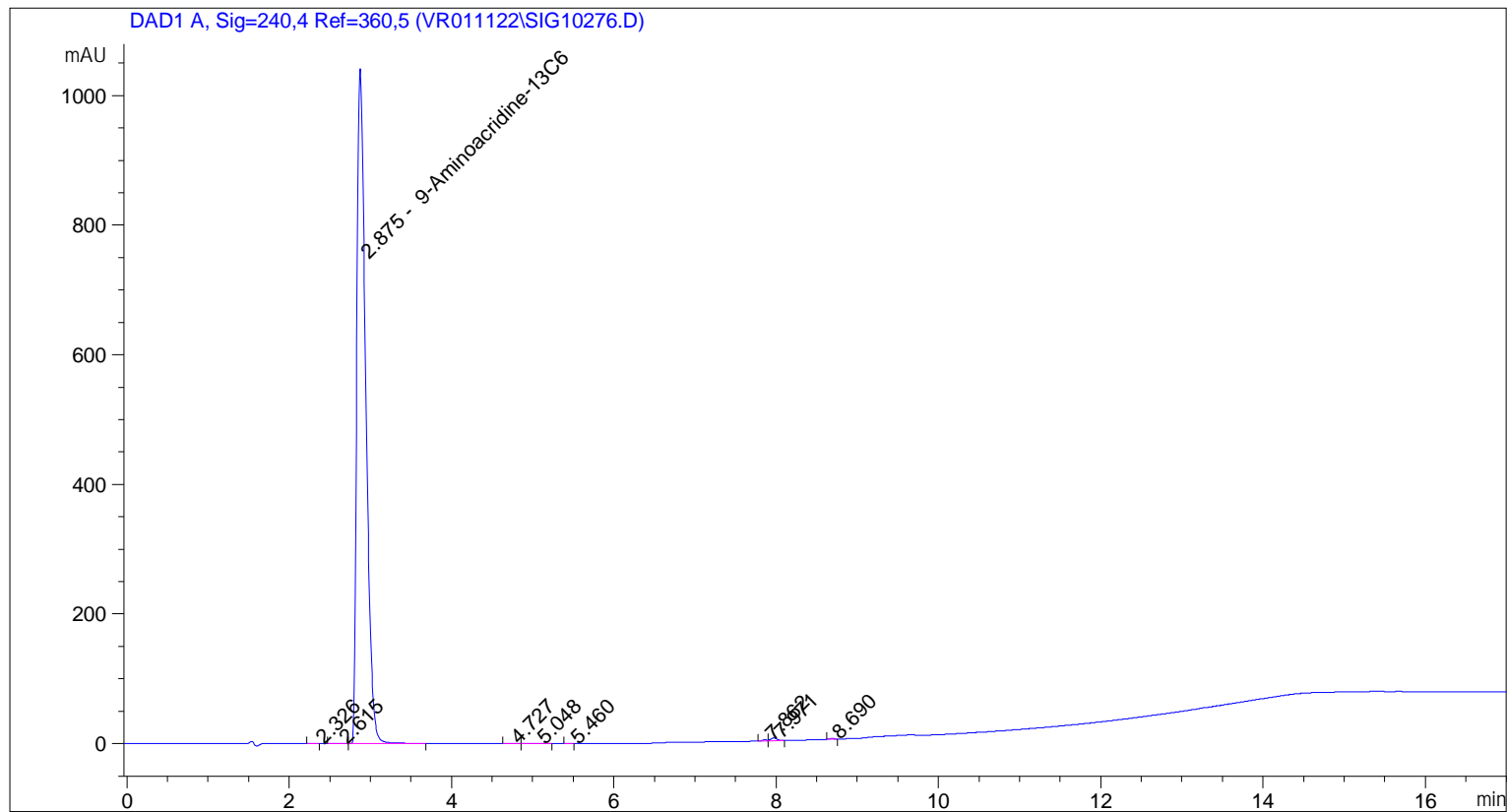
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	8.687	BB	0.0583	3.77080	0.0515	?

Totals : 7325.91593

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*** End of Report ***

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 27
Injection Date  : 7/6/2022 3:17:45 PM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR070622_187.M
Last changed   : 7/6/2022 3:16:44 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR070622_187PM.M
Last changed   : 7/6/2022 3:39:47 PM by vrusu
  
```



=====
 Area Percent Report
 =====

```

Sorted By      :      Signal
Calib. Data Modified :      7/6/2022 3:36:56 PM
Multiplier:    :      1.0000
Dilution:      :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.326	BB	0.0814	3.07655e-1	3.849e-3	?
2	2.615	BB	0.0895	8.11611e-1	0.0102	?
3	2.875	BB	0.1191	7954.52051	99.5087	9-Aminoacridine-13C6
4	4.727	BB	0.0944	7.35283e-1	9.198e-3	?
5	5.048	BB	0.1242	2.55144	0.0319	?
6	5.460	BB	0.0650	1.93575e-1	2.422e-3	?
7	7.862	BV	0.0639	7.87030	0.0985	?
8	7.971	VB	0.0812	22.78233	0.2850	?

Sample Name: GR-17-187 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	8.690	BB	0.0554	4.02014	0.0503	?

Totals : 7993.79284

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*** End of Report ***