

## **Synthesis and Screening of Novel 2,4-Bis Substituted quinazolines as Tubulin Polymerization Promoters and Antiproliferative Agents**

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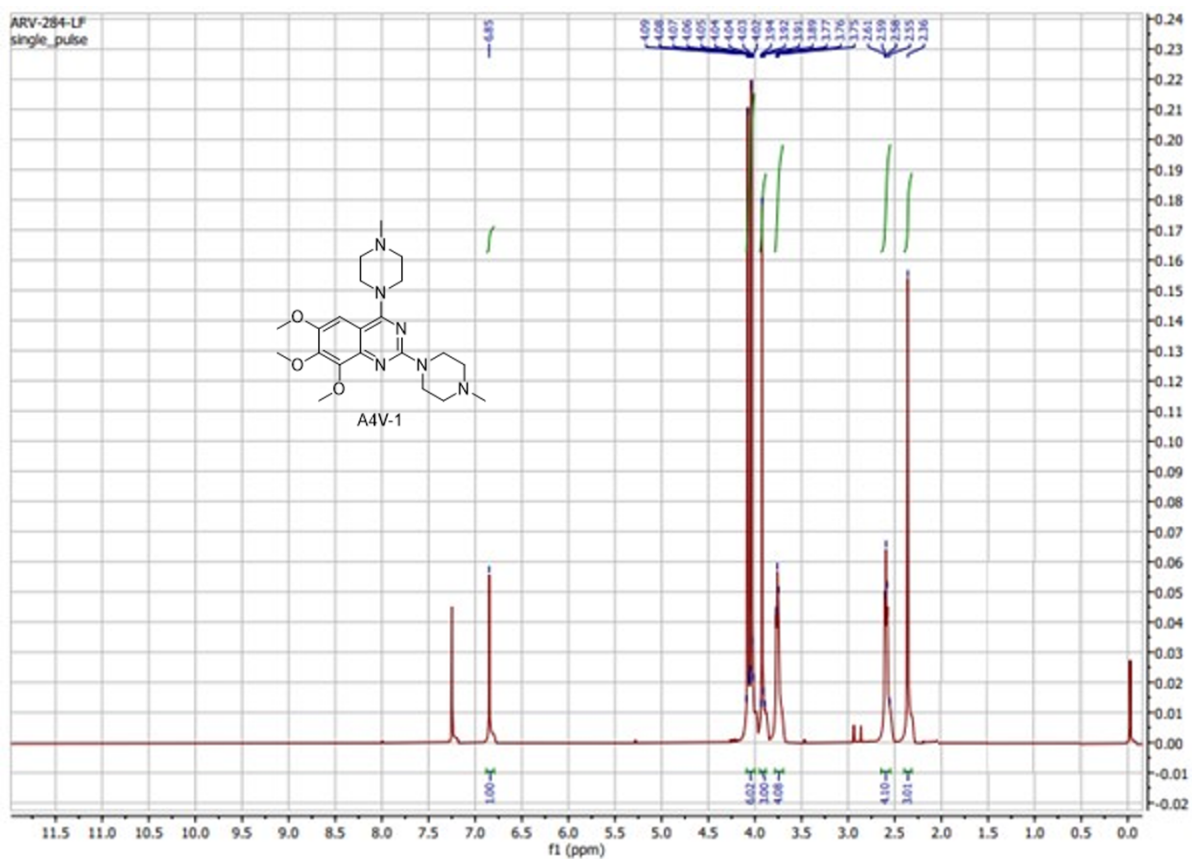
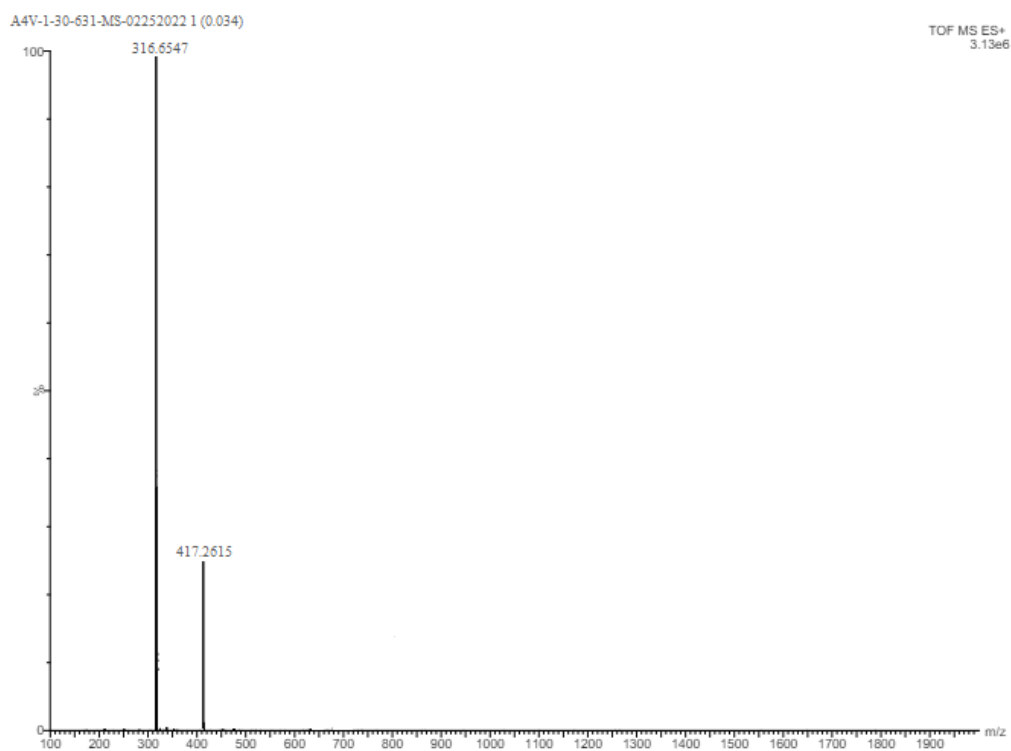
Central University of Punjab, Bathinda, Punjab, India-151401.

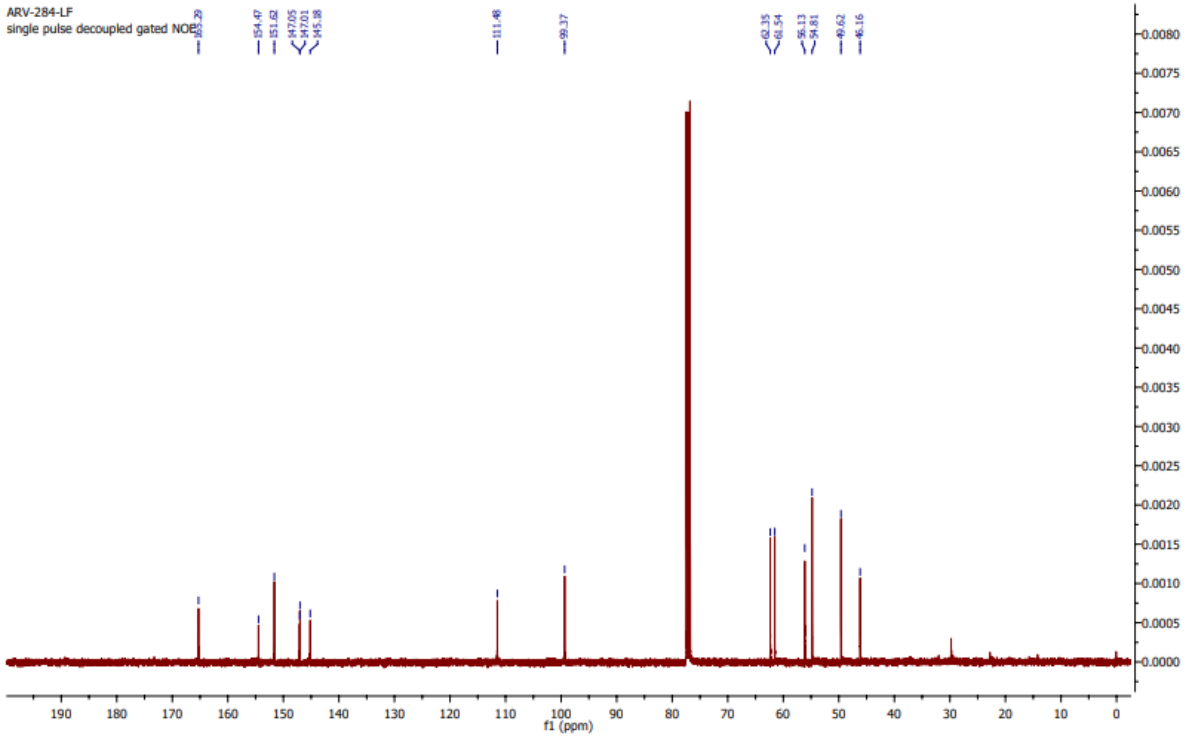
E-mail: [vpathania18@gmail.com](mailto:vpathania18@gmail.com); [vinod.kumar@cup.edu.in](mailto:vinod.kumar@cup.edu.in)

Phone No. +911642864214

# Supporting Information

## Spectra A4V-1



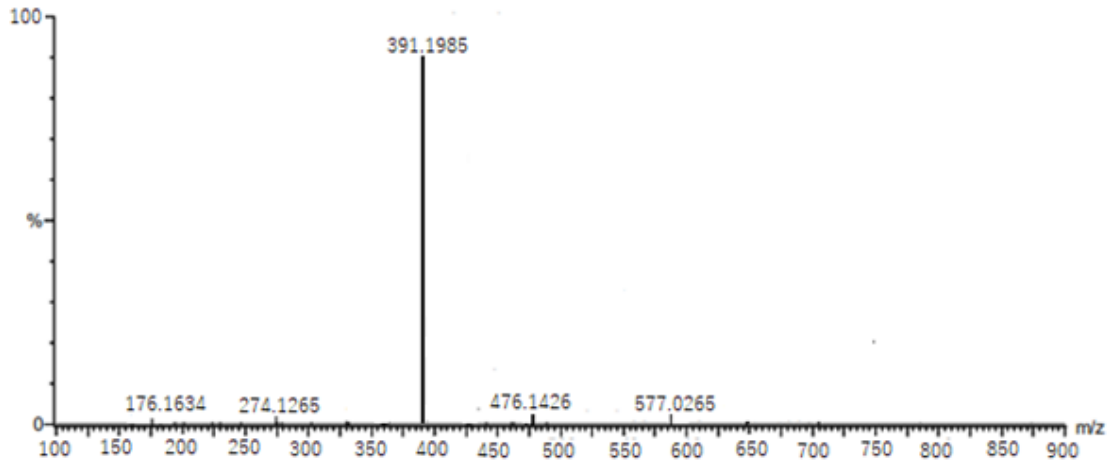


A4V-2

Sample Name : ARV TM  
Test Name : HRMS 1

IITRPR

XEVO G2 XS OTOF





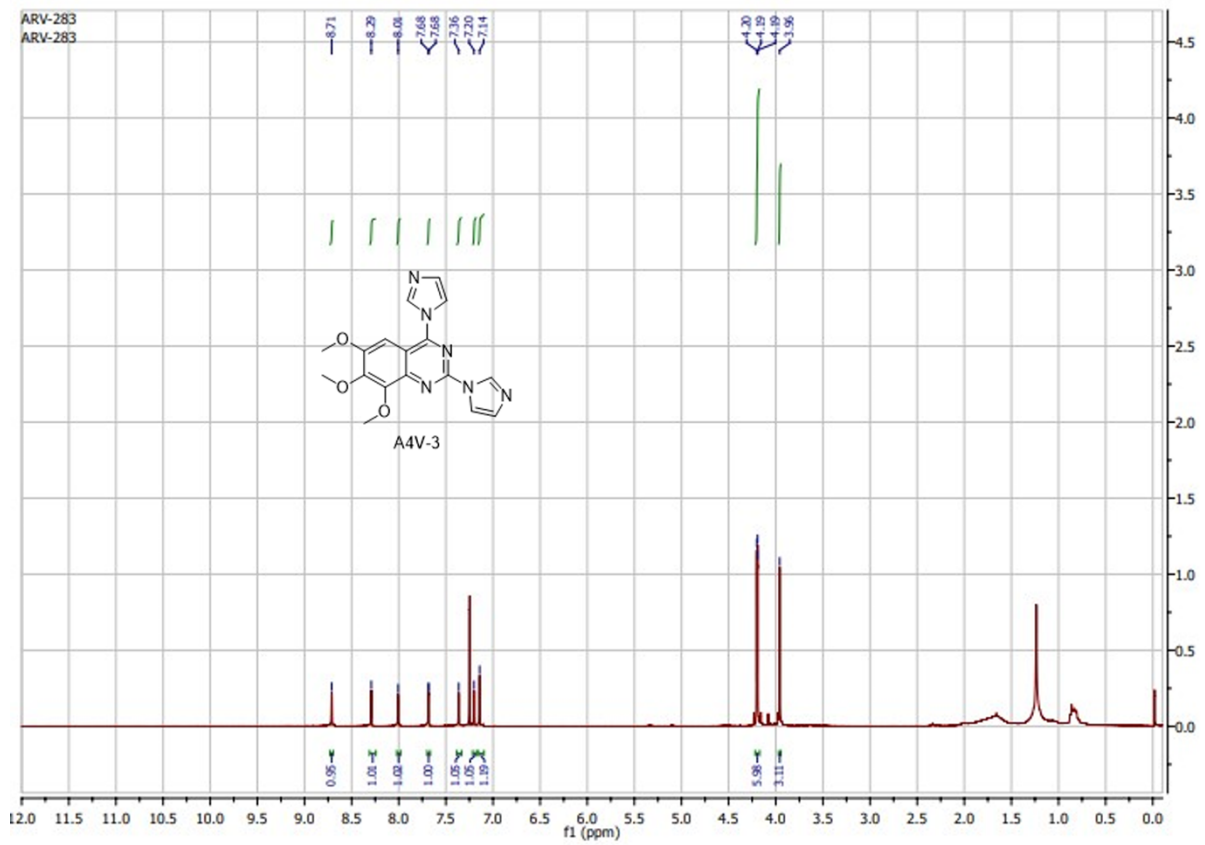
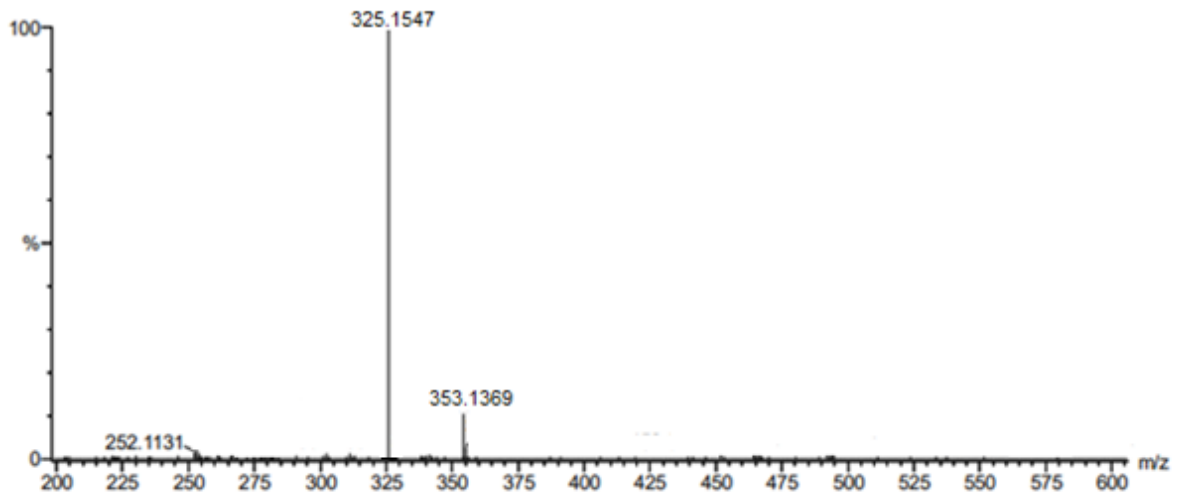
A4V-3

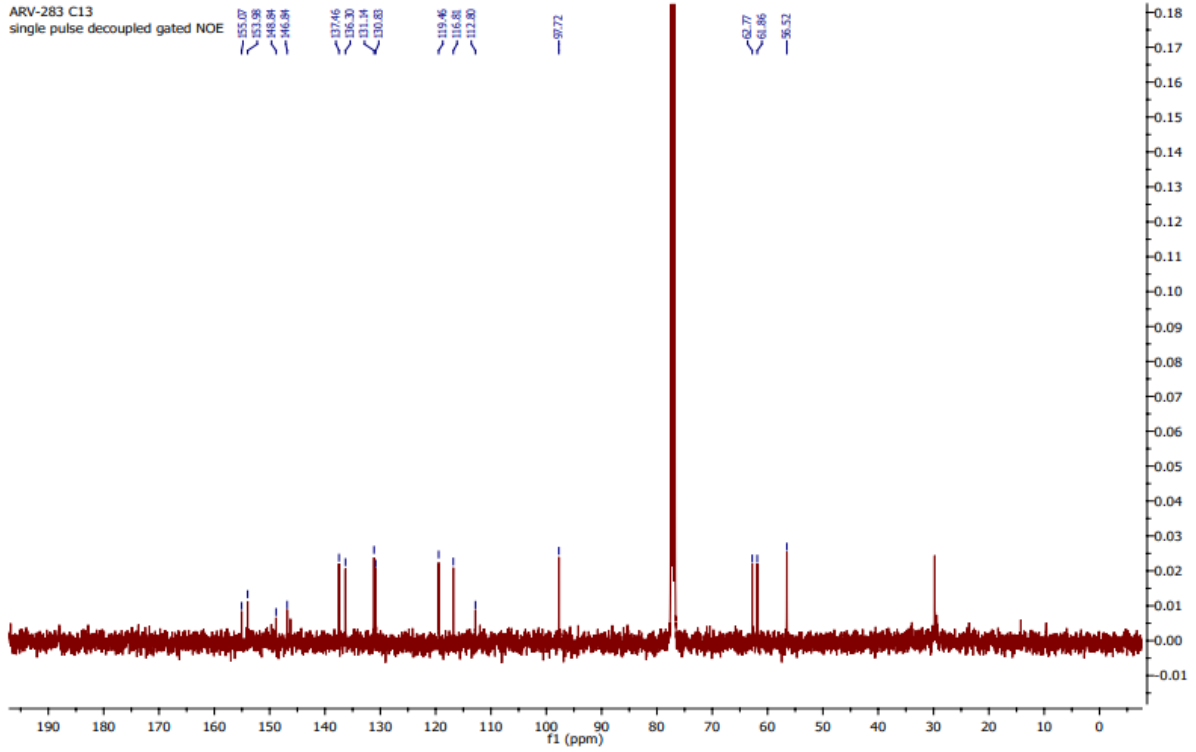
Sample Name : ARV-283  
Test Name : HRMS

IITRPR

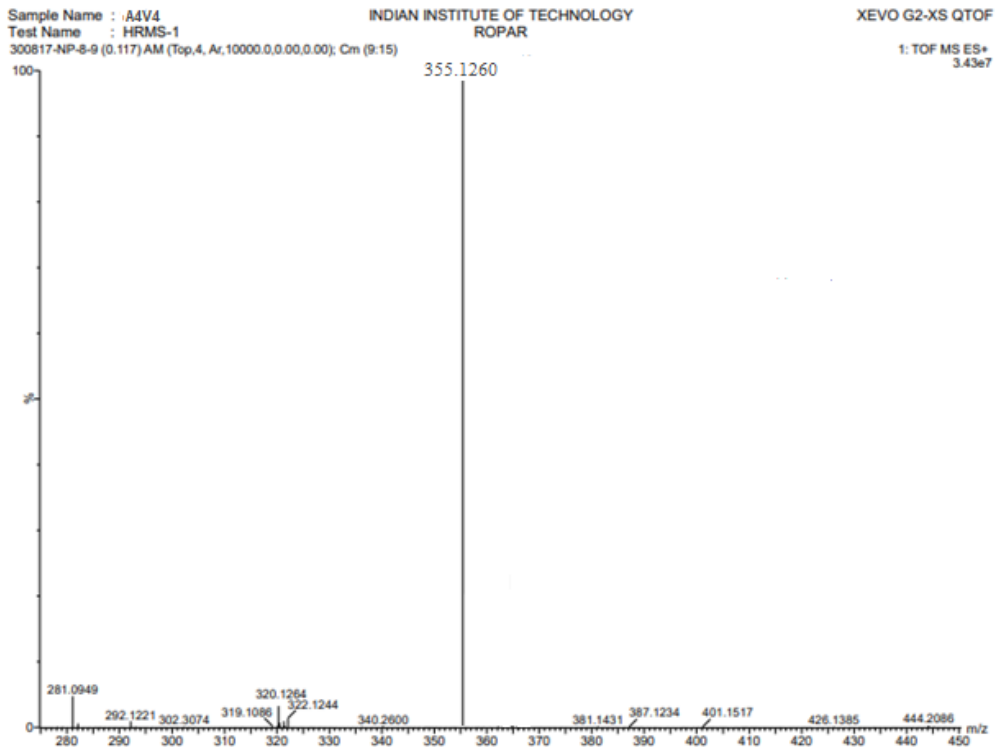
XEVO G2-XS QTOF

1: TOF MS ES+  
5.52e+007

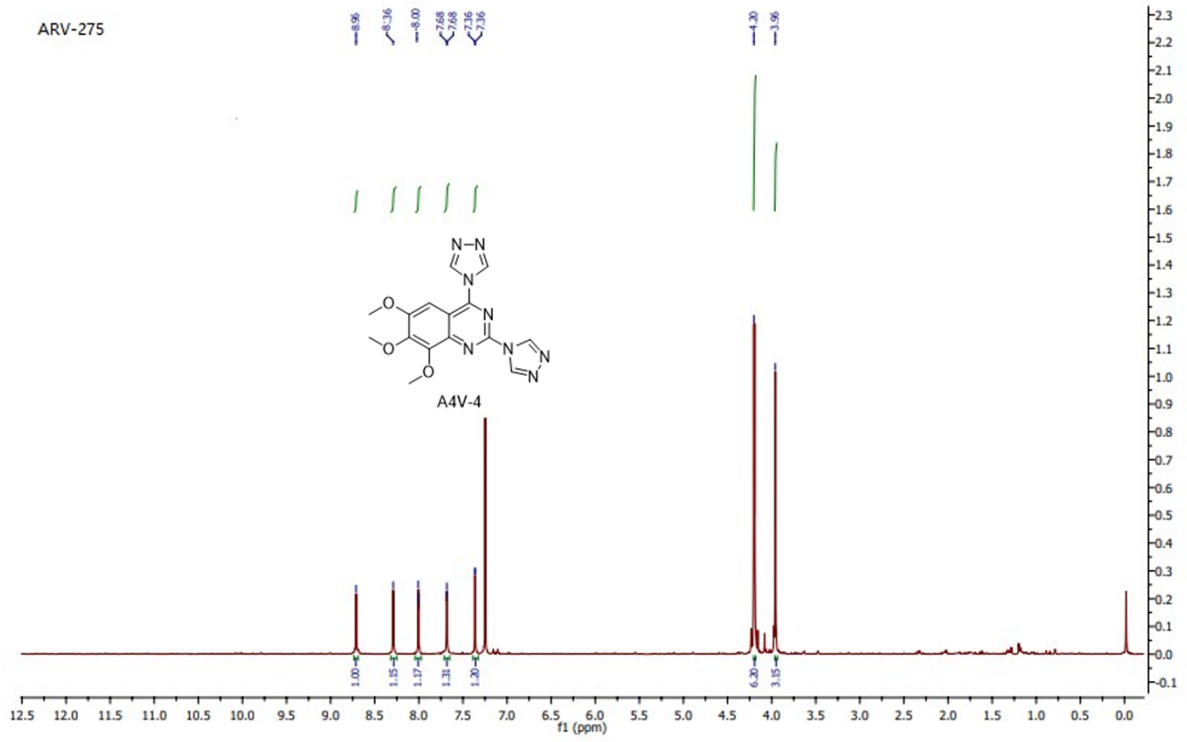




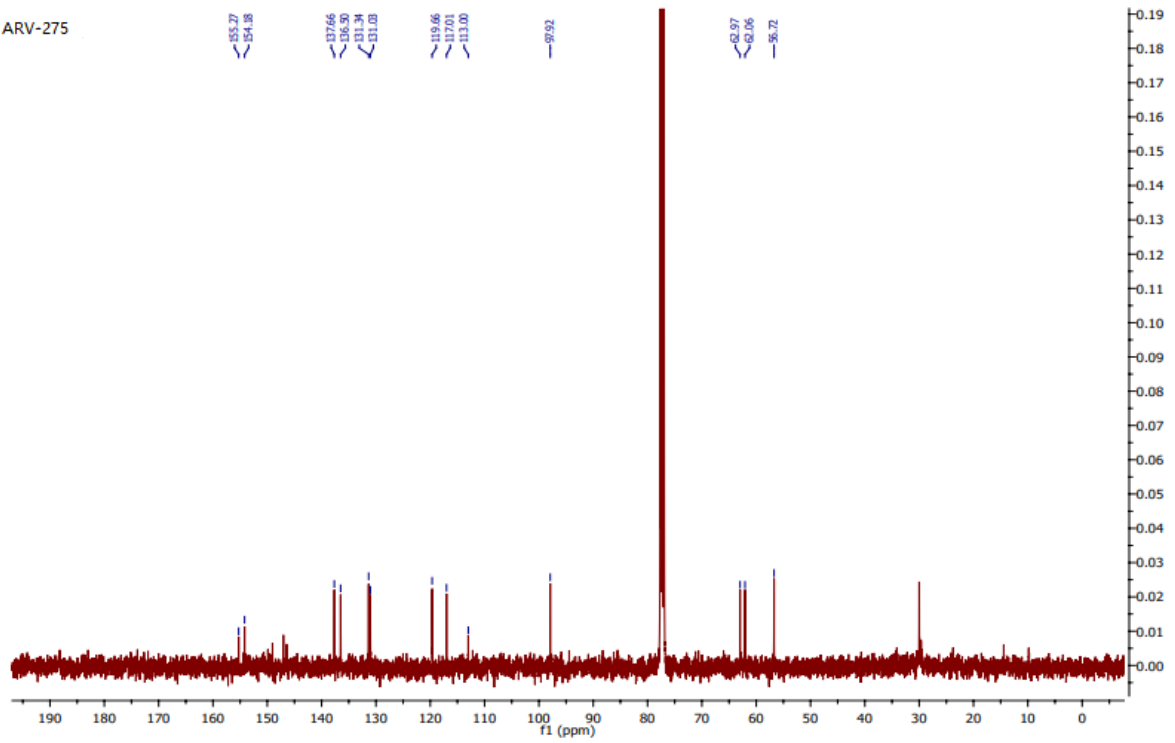
A4V-4



ARV-275

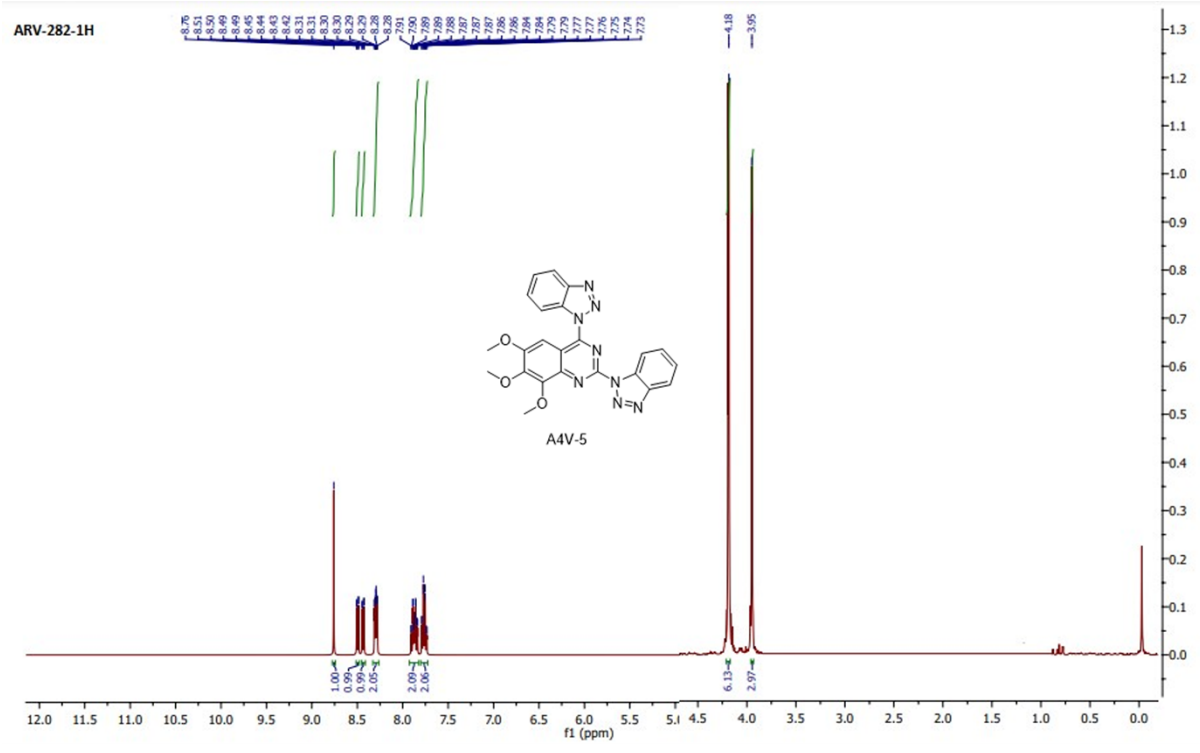
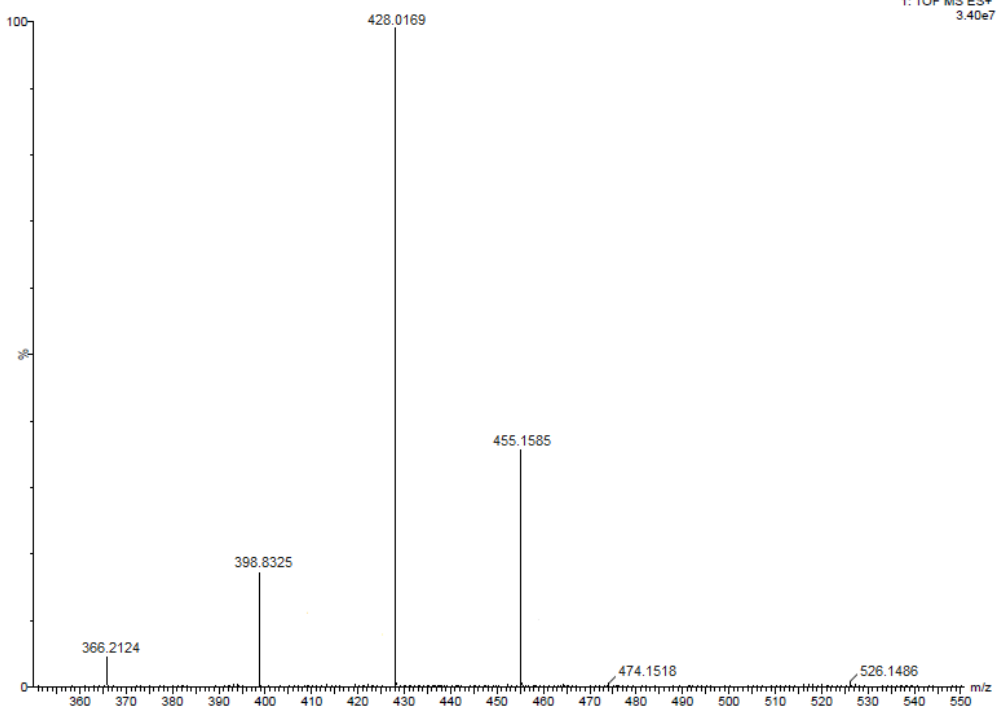


ARV-275



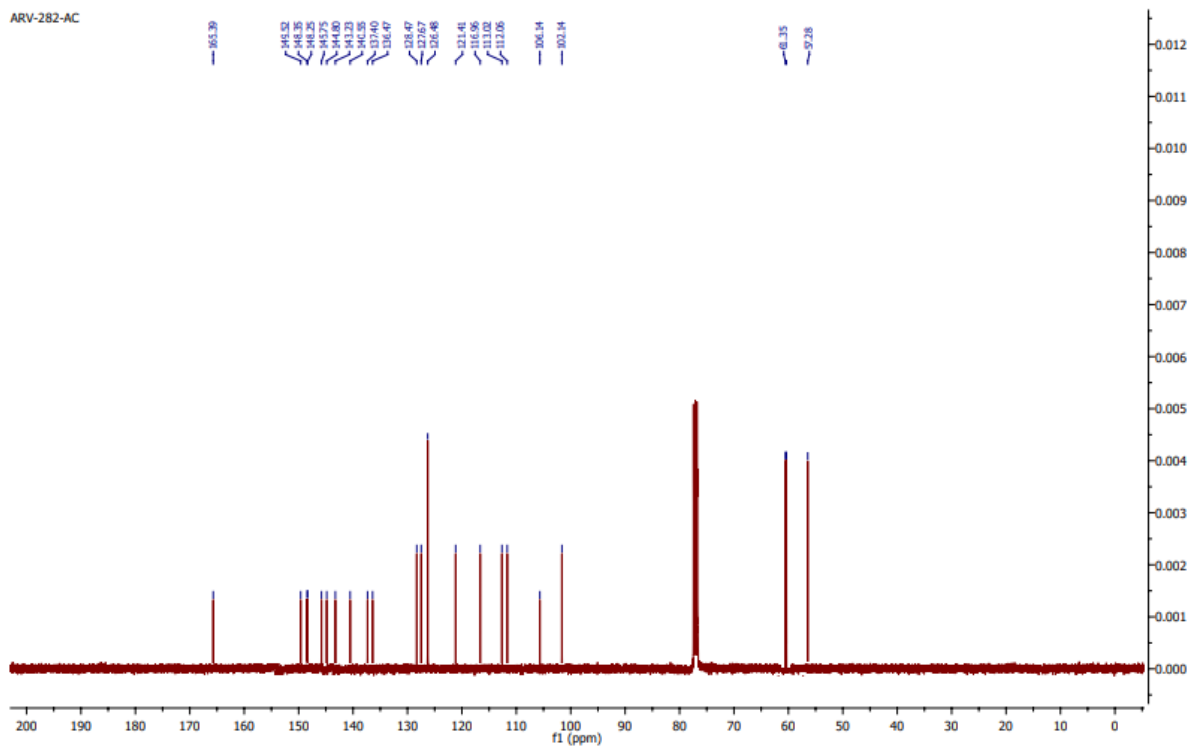
# A4V-5

Sample Name : ARV-282  
Test Name : HRMS-1  
INDIAN INSTITUTE OF TECHNOLOGY  
ROPAR  
XEVO G2-XS QTOF  
1: TOF MS ES+  
3.40e7





ARV-282-AC



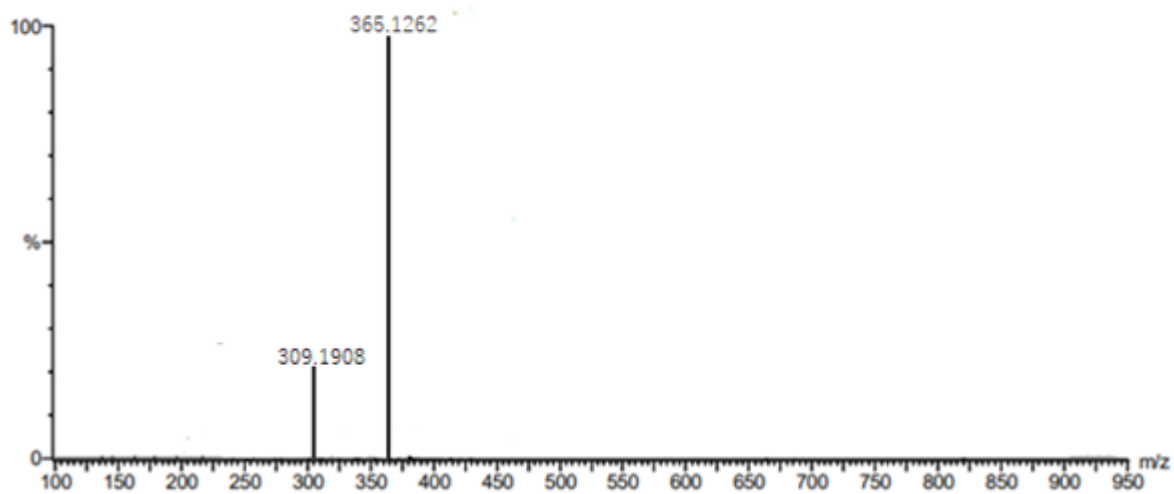
A4V-6

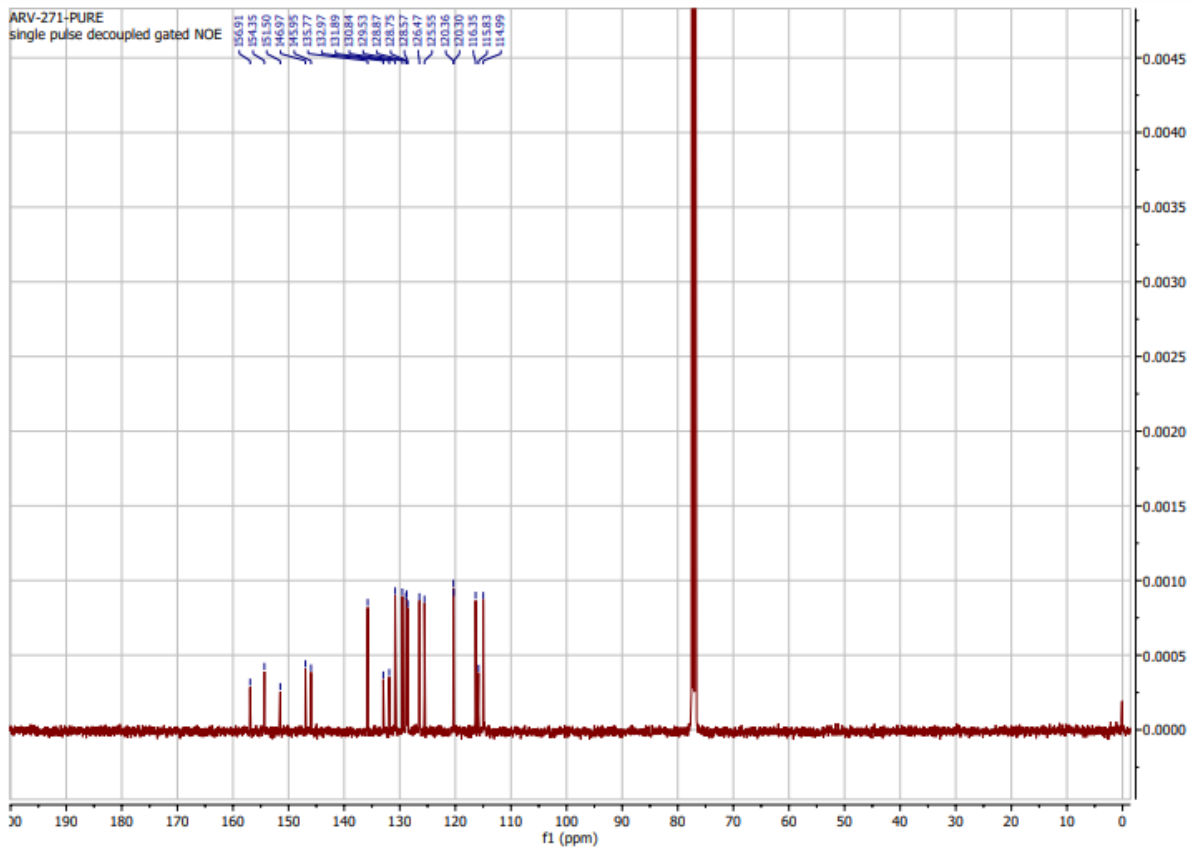
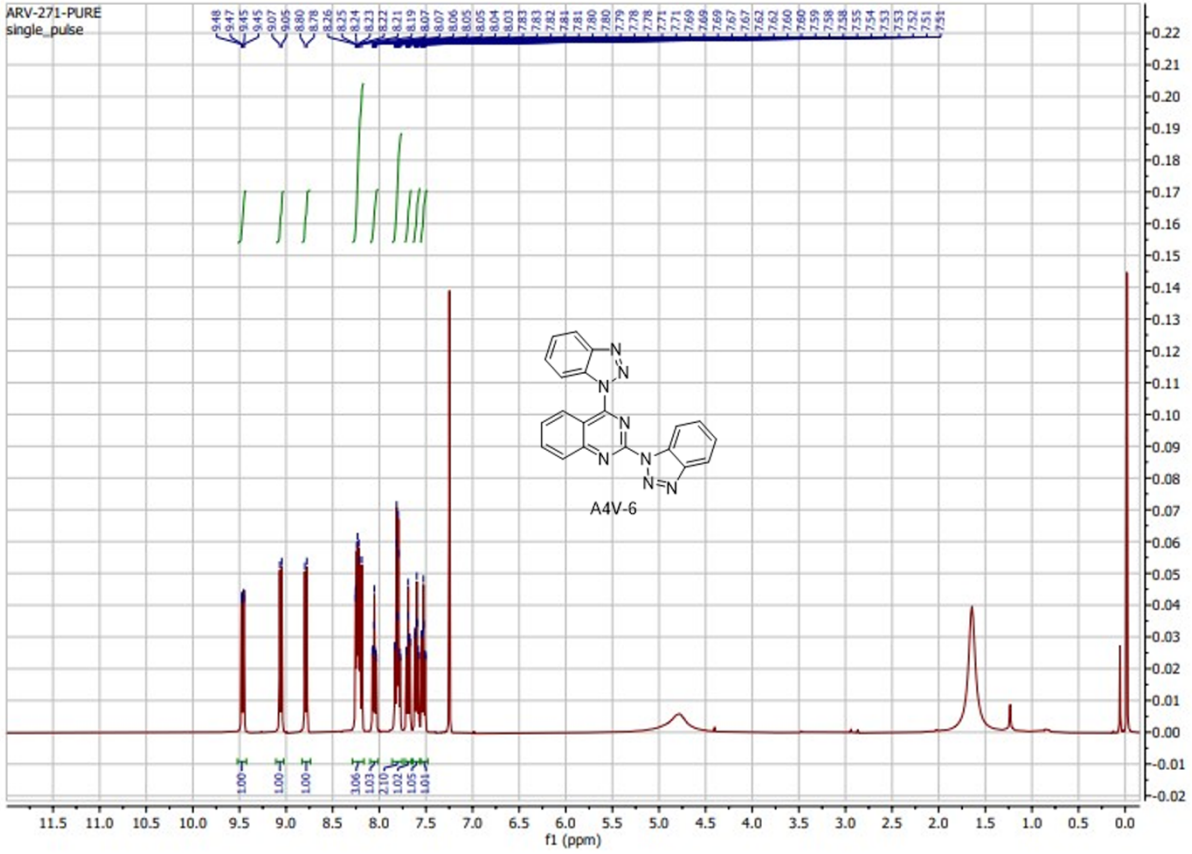
Sample Name ARV 271  
Test Name HRMS 1

IITRPR

XEVO G2 QS OTOF

1: TOF MS ES+  
9.37e+007





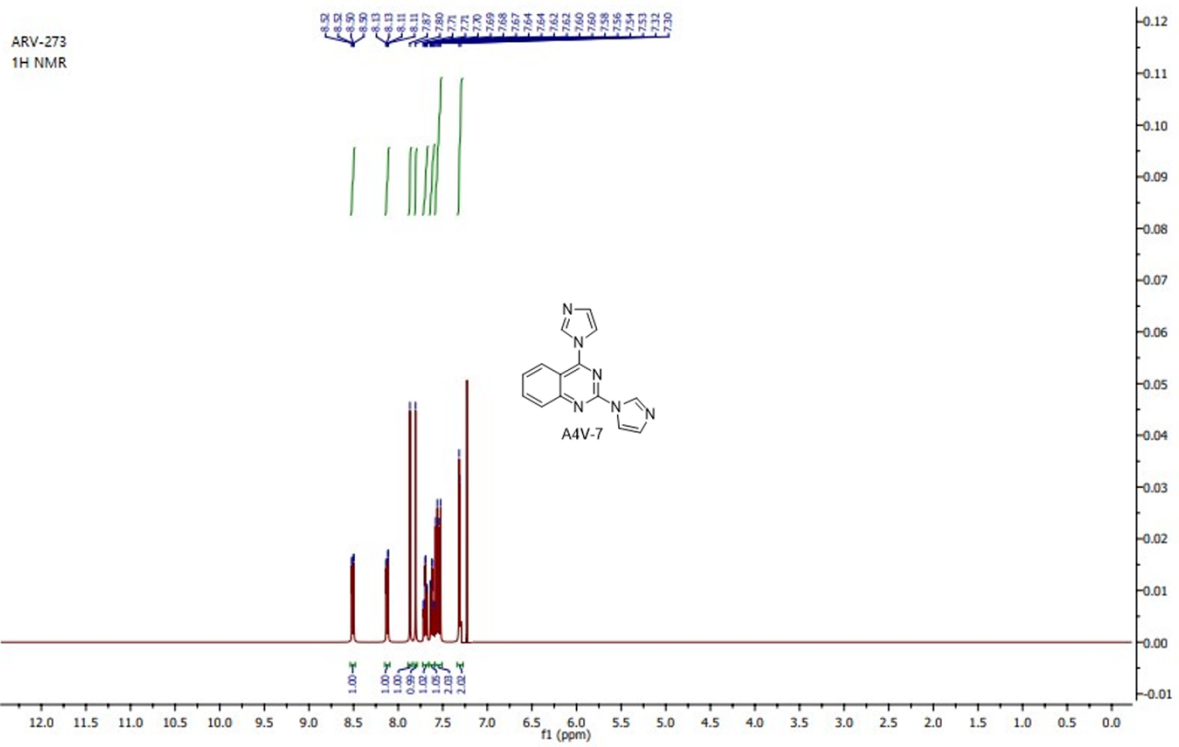
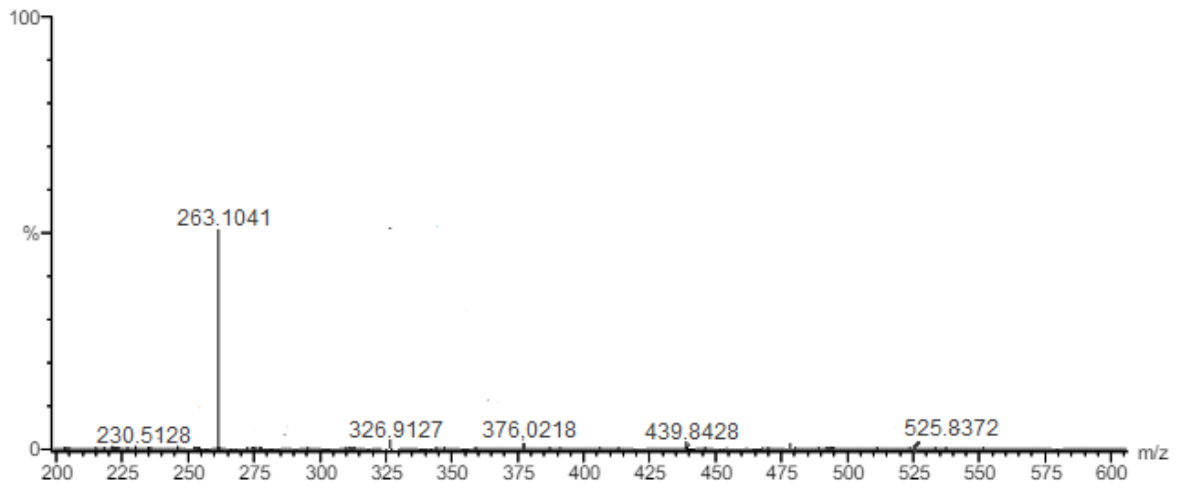
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Sample Name : A4V-7  
Test Name : HRMS-1

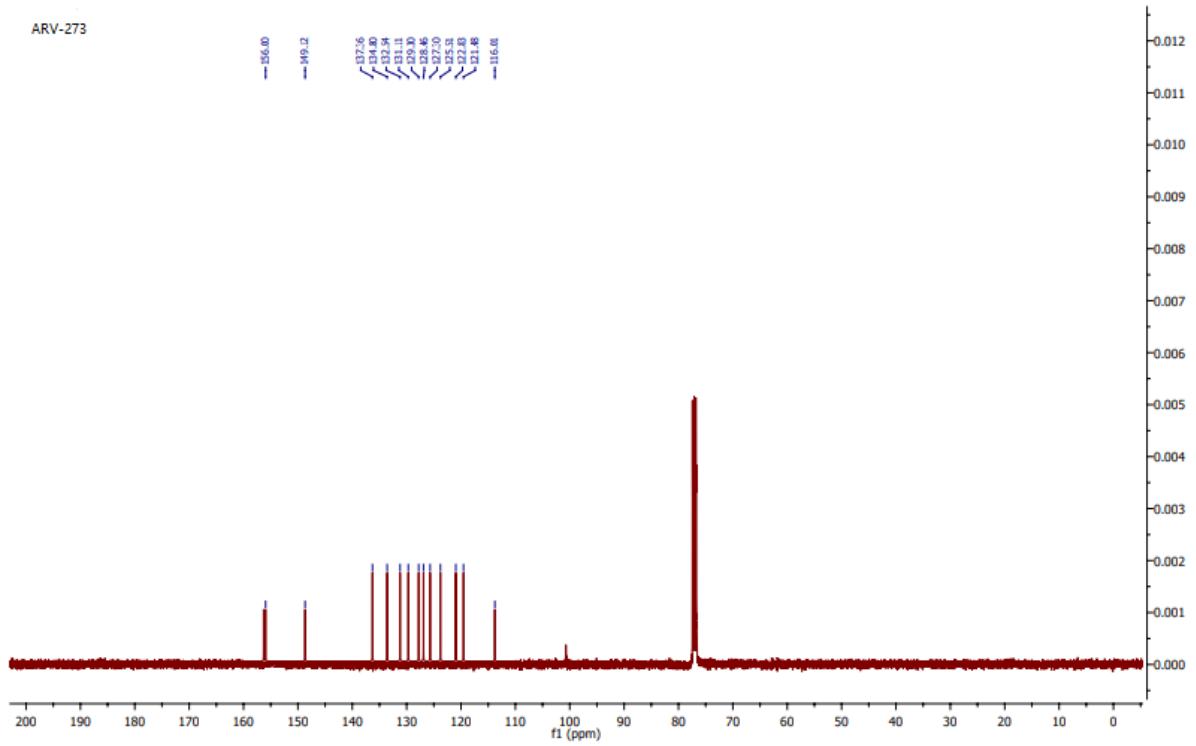
IITRPR

XEVO G2-XS QTOF

1: TOF MS ES+  
5.52e+007



ARV-273



A4V-8

Sample Name : ARV 271

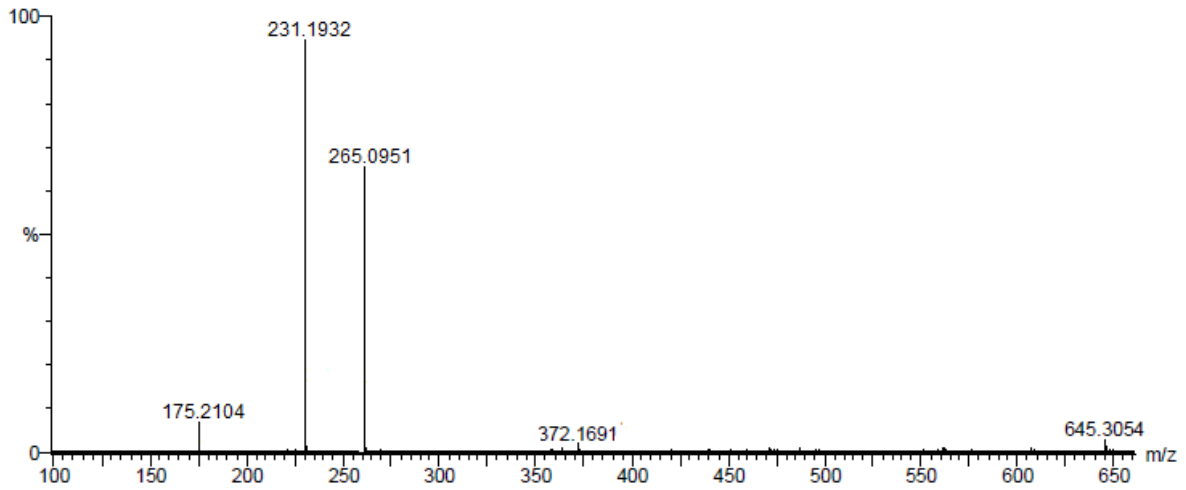
IITRPR

XEVO G2-XS QTOF

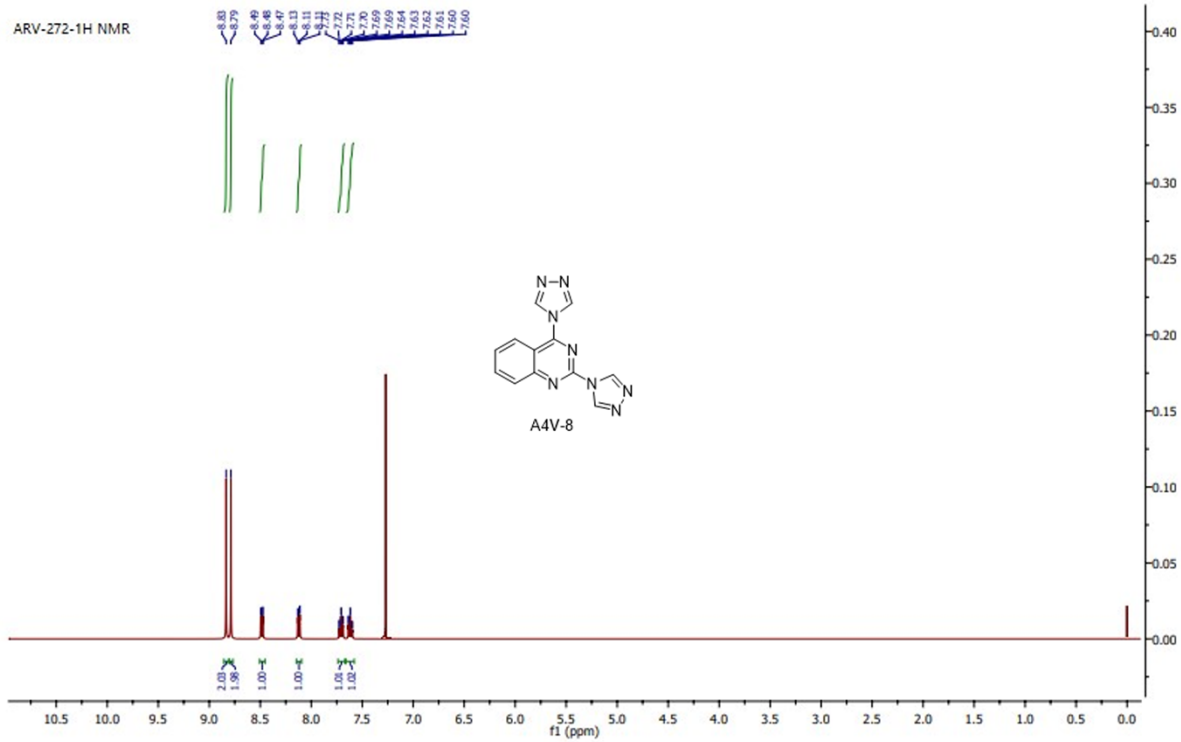
Test Name : HRMS-1

041219-BD-10 19 (0.203) AM2 (Ar,22000.0,0.00,0.00); Cm (19:20)

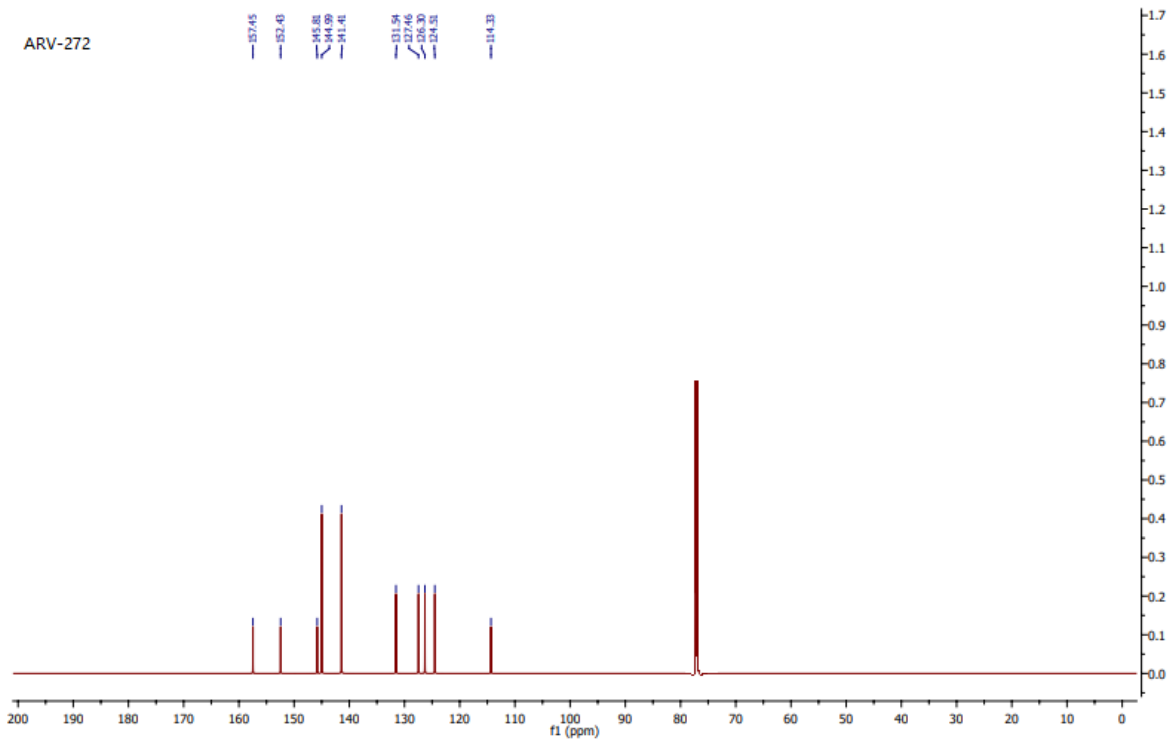
1: TOF MS ES+  
3.70e+007



ARV-272-1H NMR



ARV-272



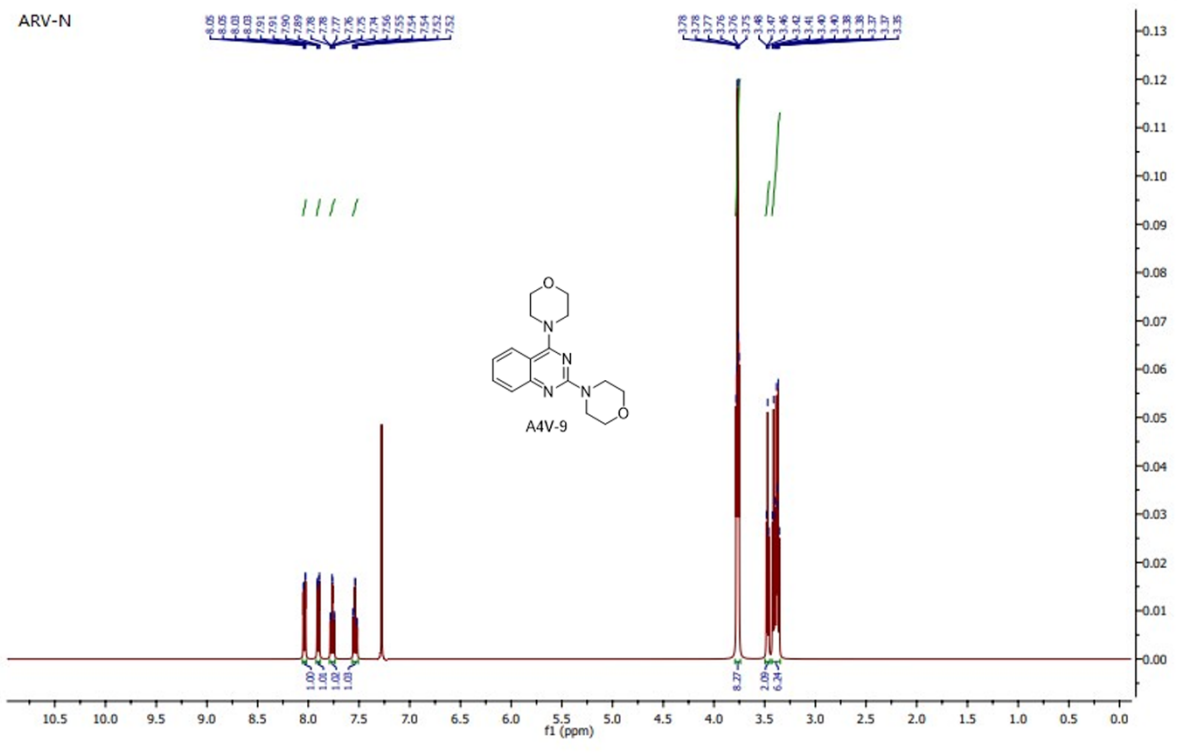
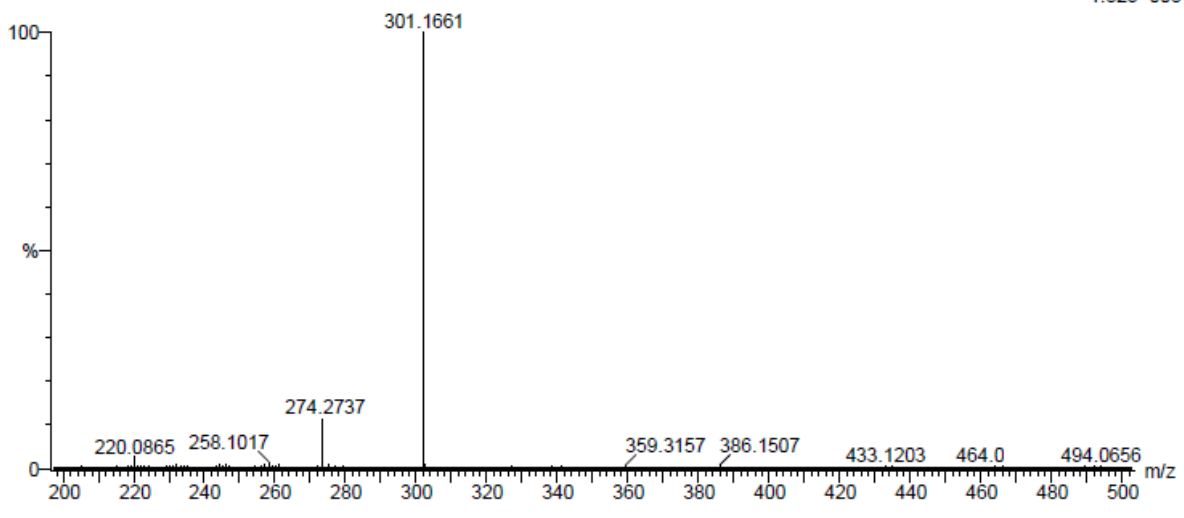
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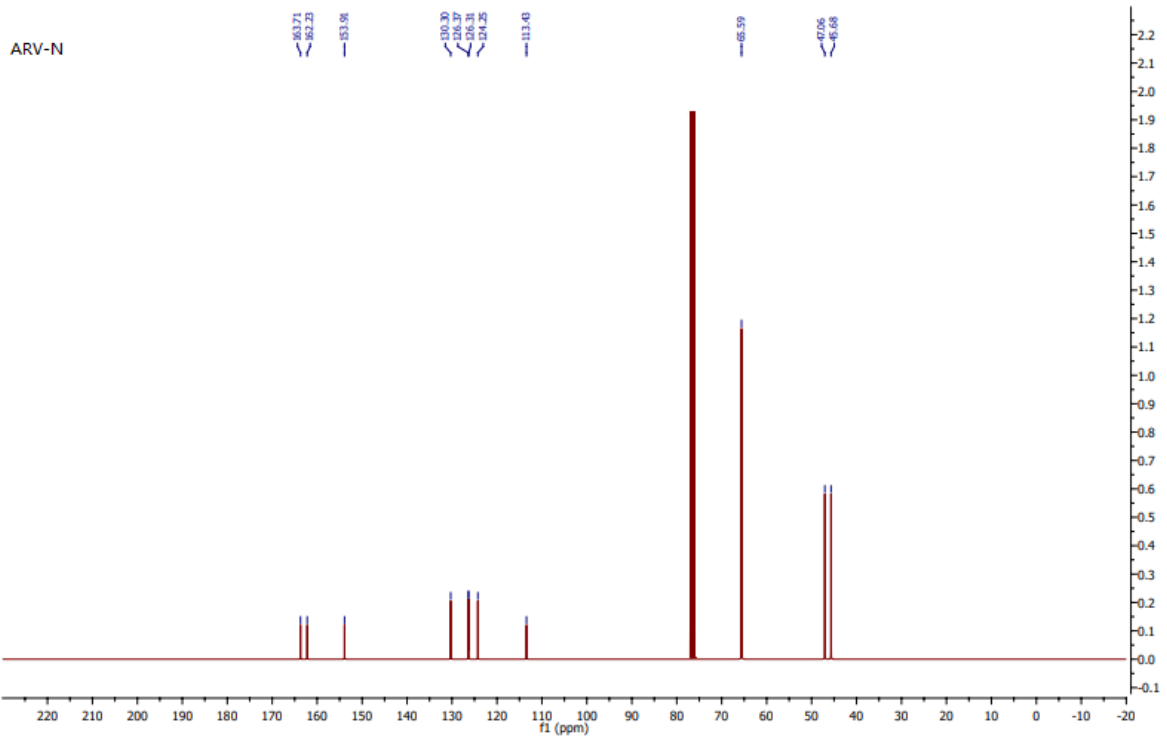
Sample Name : A4V-9  
Test Name : HRMS-1

IITRPR

XEVO G2-XS QTOF

1: TOF MS ES+  
1.32e+008





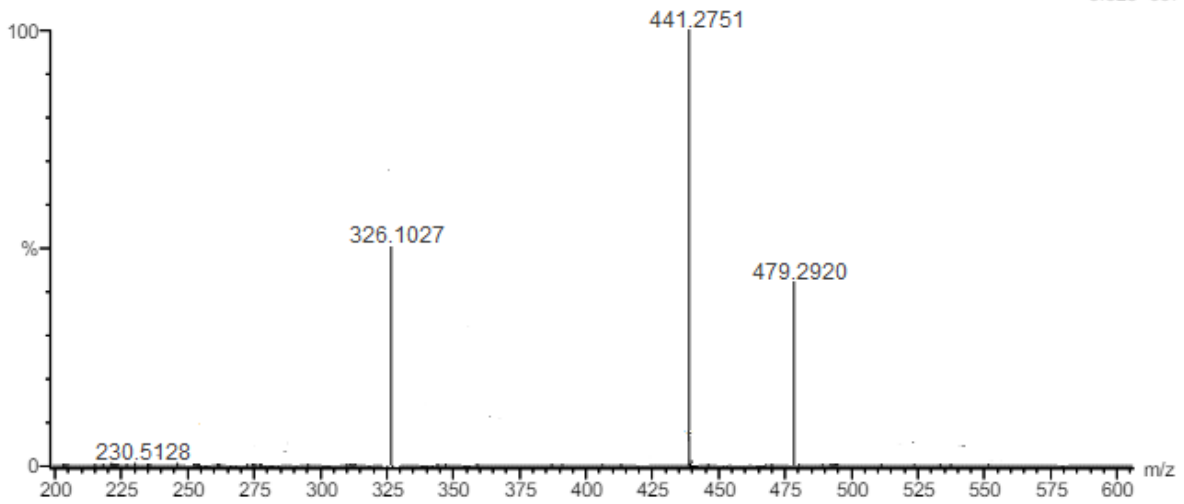
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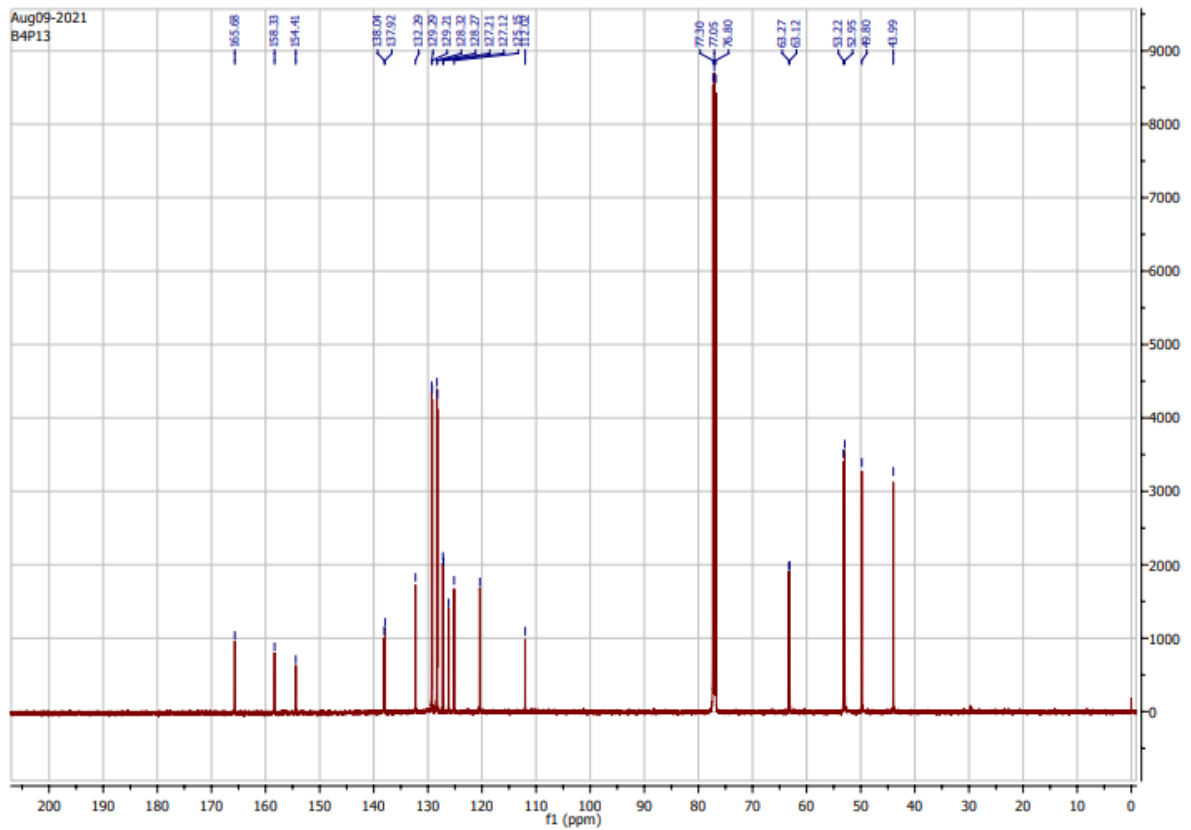
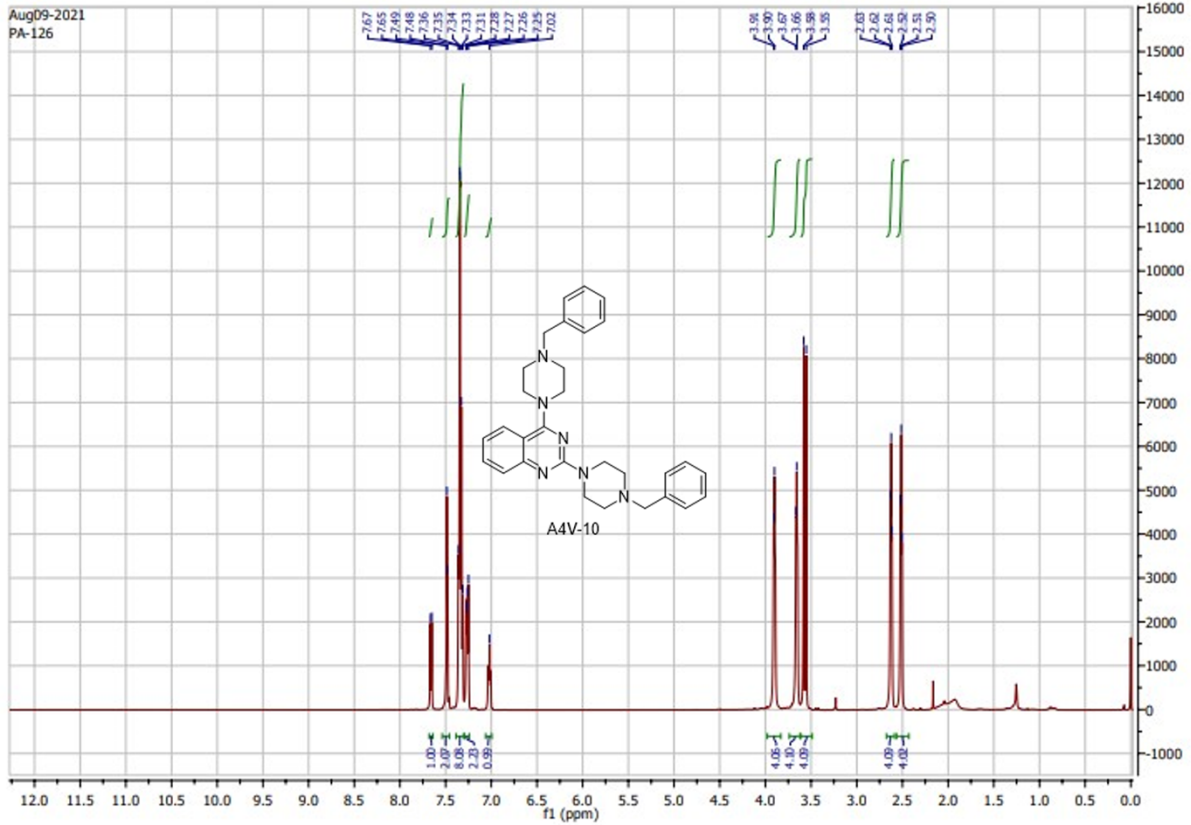
Sample Name : A4V-10  
 Test Name : HRMS-1

IITRPR

XEVO G2-XS QTOF

1: TOF MS ES+  
 5.52e+007







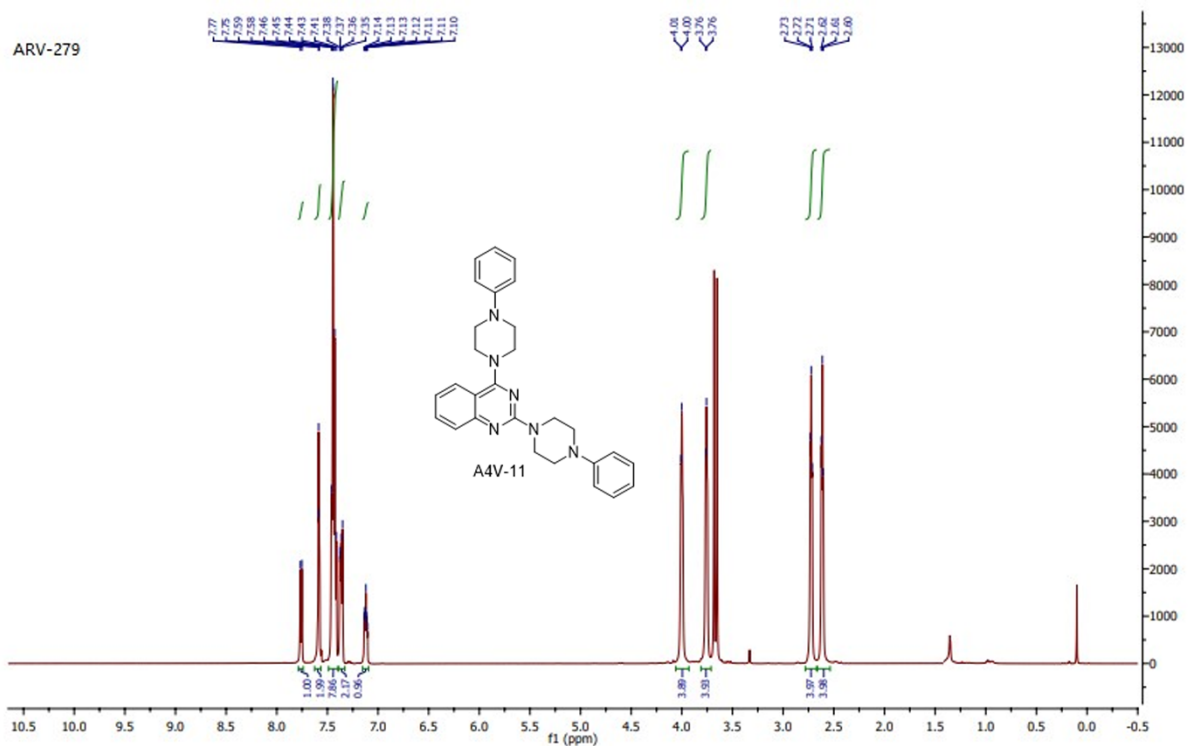
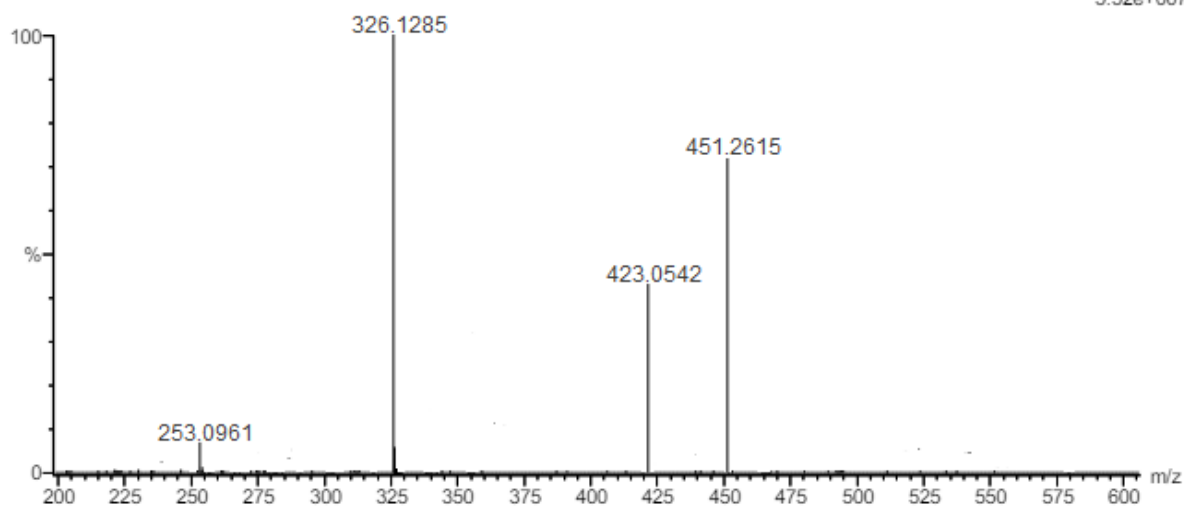
# A4V-11

Sample Name : A4V-11  
Test Name : HRMS-1

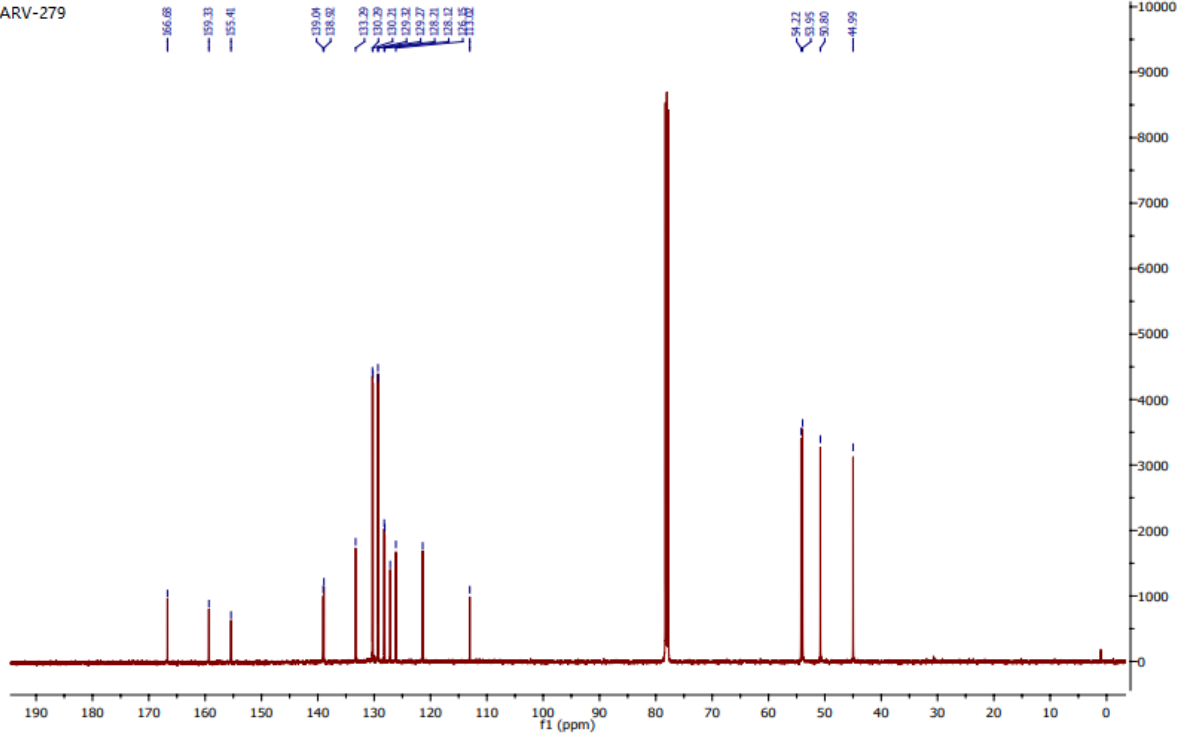
IITRPR

XEVO G2-XS QTOF

1: TOF MS ES+  
5.52e+007



ARV-279



A4V-12 Reported compound

