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Synthesis of Pyrimido[2,1-*a*]isoindolone and Isoindolo[2,1-*a*]quinazolinone *via* Intramolecular Aza-Prins Type Reaction

Subhamoy Biswas, Bikoshita Porashar, Pallav Jyoti Arandhara and Anil K. Saikia

Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati-781039, Assam, India

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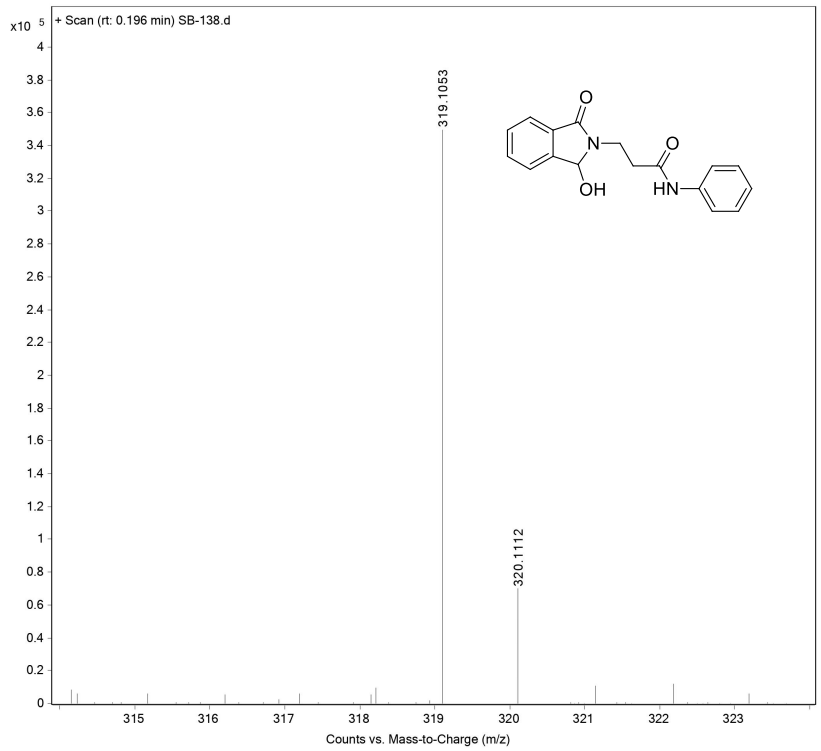
1. HRMS spectra of all new compounds **S2-S57**

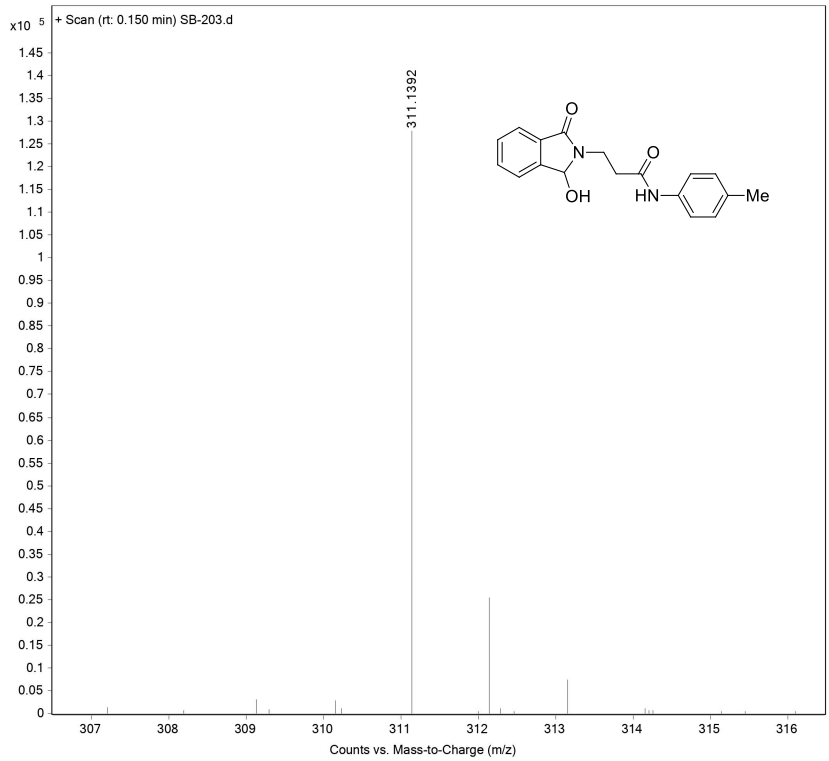
HRMS spectrum of **1a**

Sample Name	SB-138	**Position**	P1-D1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-138.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 3:43:52 PM (UTC+05:30)



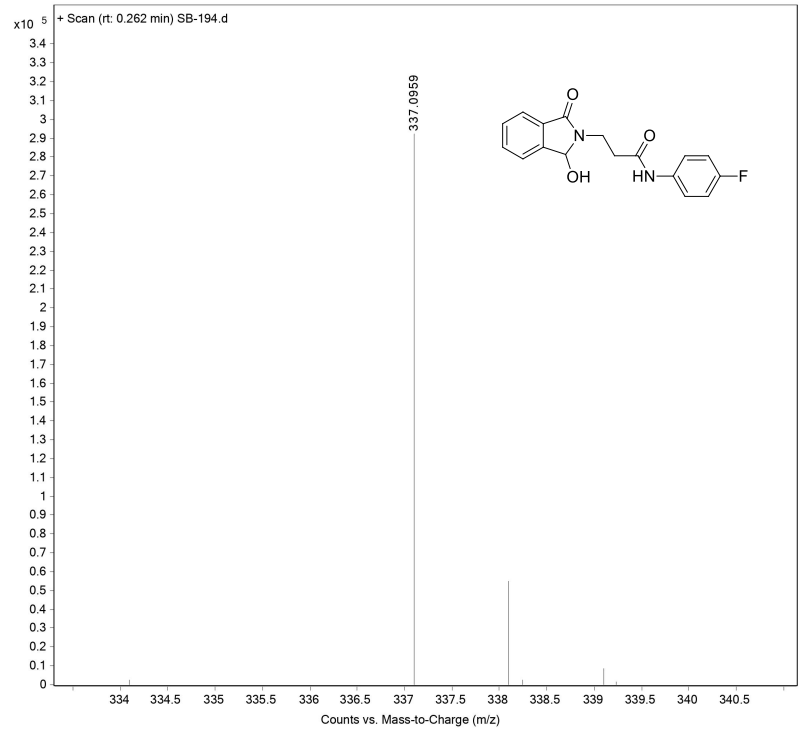
HRMS spectrum of **1b**

Sample Name	SB-203	**Position**	P1-C5	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-203.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 7:02:39 PM (UTC+05:30)



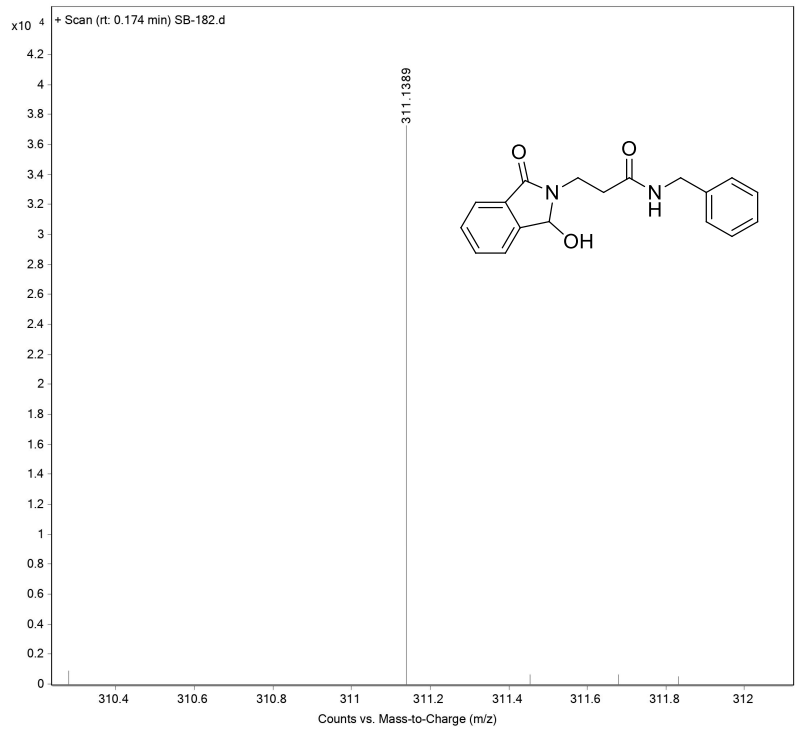
HRMS spectrum of **1c**

Sample Name	SB-194	**Position**	P1-C1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-194.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 6:27:50 PM (UTC+05:30)



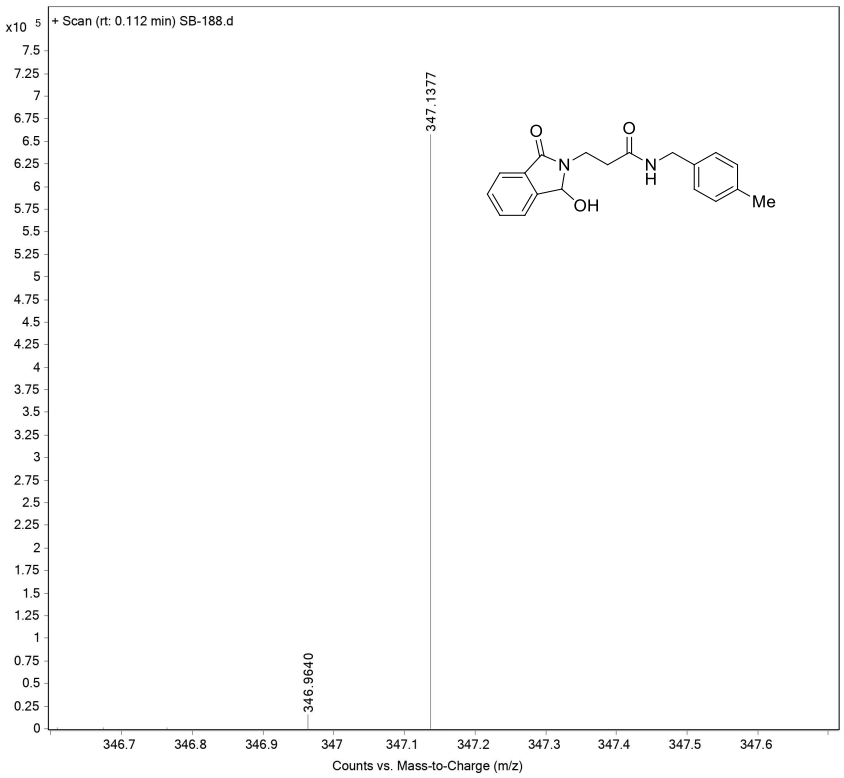
HRMS spectrum of **1d**

Sample Name	SB-182	**Position**	P1-D3	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-182.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 3:47:36 PM (UTC+05:30)



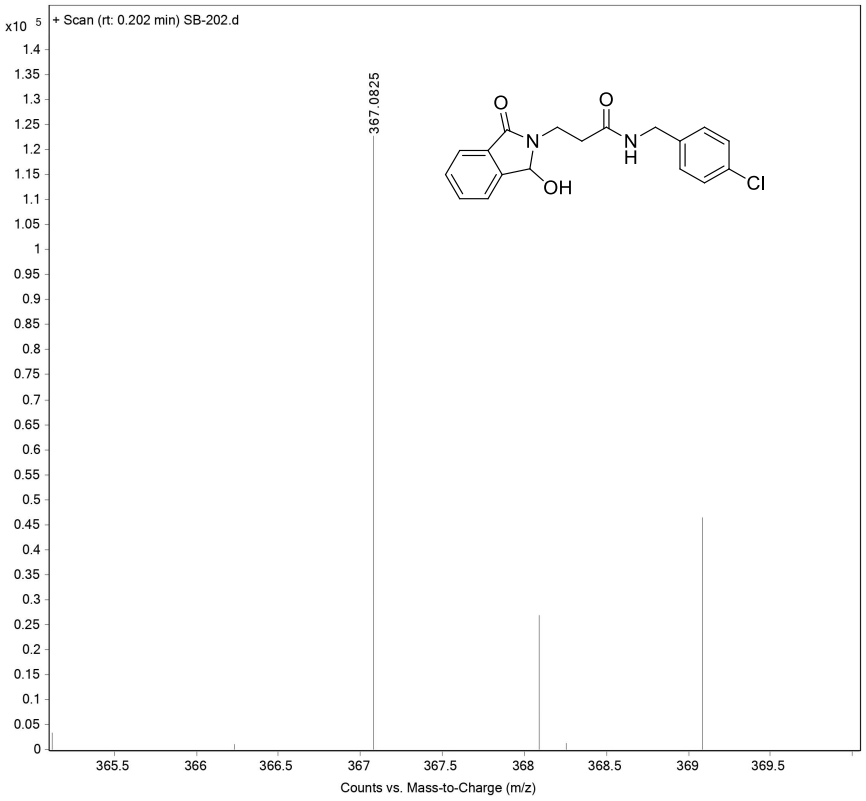
HRMS spectrum of **1e**

Sample Name	SB-188	**Position**	P1-D5	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-188.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 3:51:20 PM (UTC+05:30)



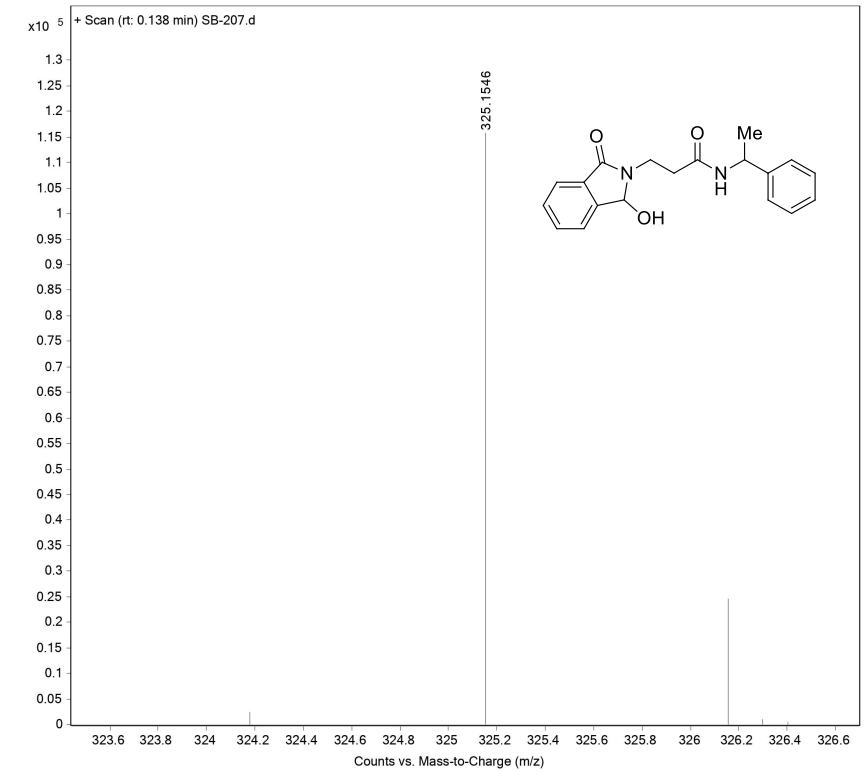
HRMS spectrum of **1f**

Sample Name	SB-202	**Position**	P1-C4	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-202.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 7:00:45 PM (UTC+05:30)



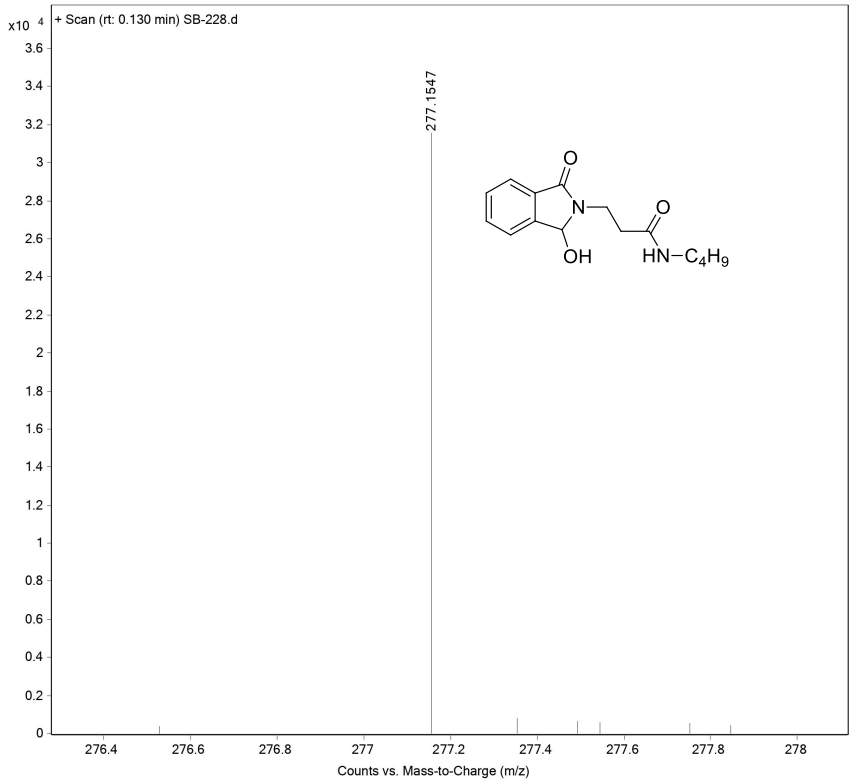
HRMS spectrum of **1g**

Sample Name	SB-207	**Position**	P1-C8	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-207.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 7:13:48 PM (UTC+05:30)



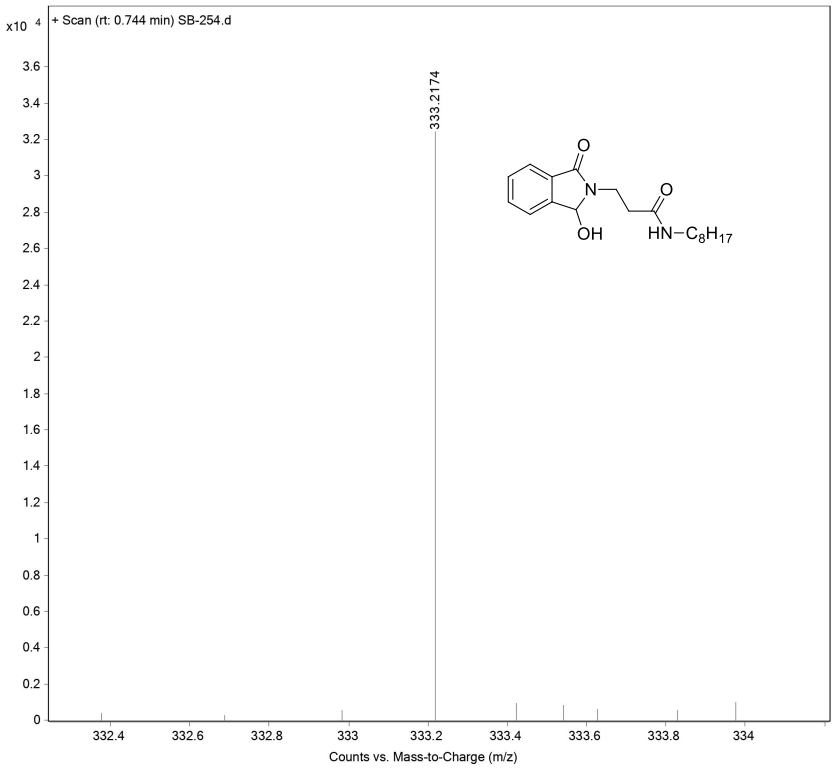
HRMS spectrum of **1h**

Sample Name	SAMPLE	**Position**	P1-C1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-228.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	12/4/2020 1:14:11 PM (UTC+05:30)



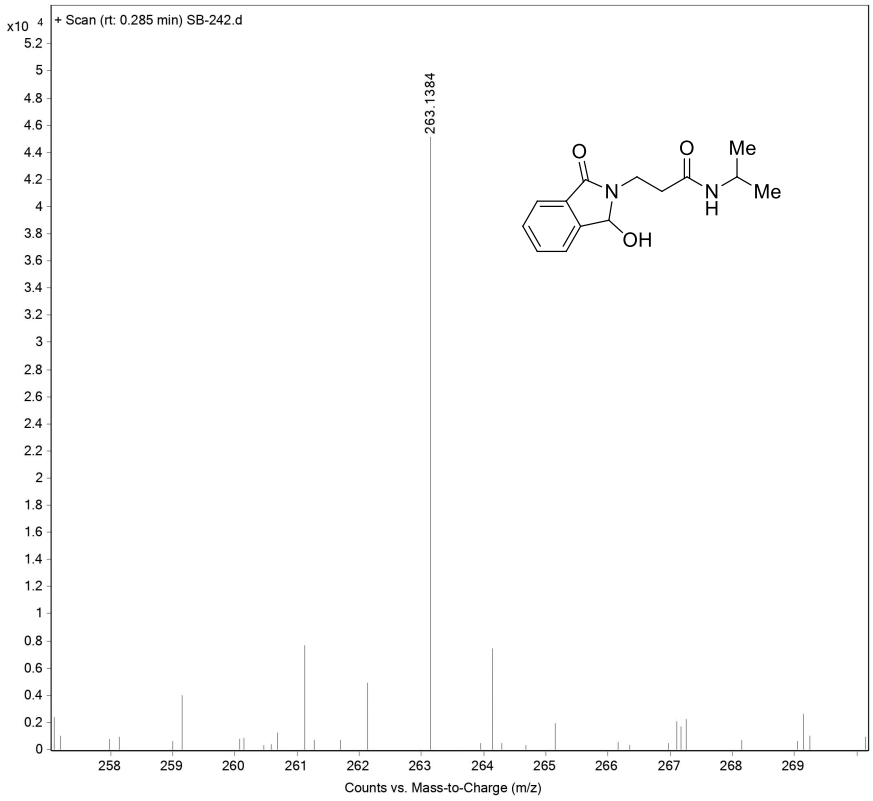
HRMS spectrum of **1i**

Sample Name	WASH	**Position**	P1-E1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-254.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	1/7/2021 6:49:55 PM (UTC+05:30)



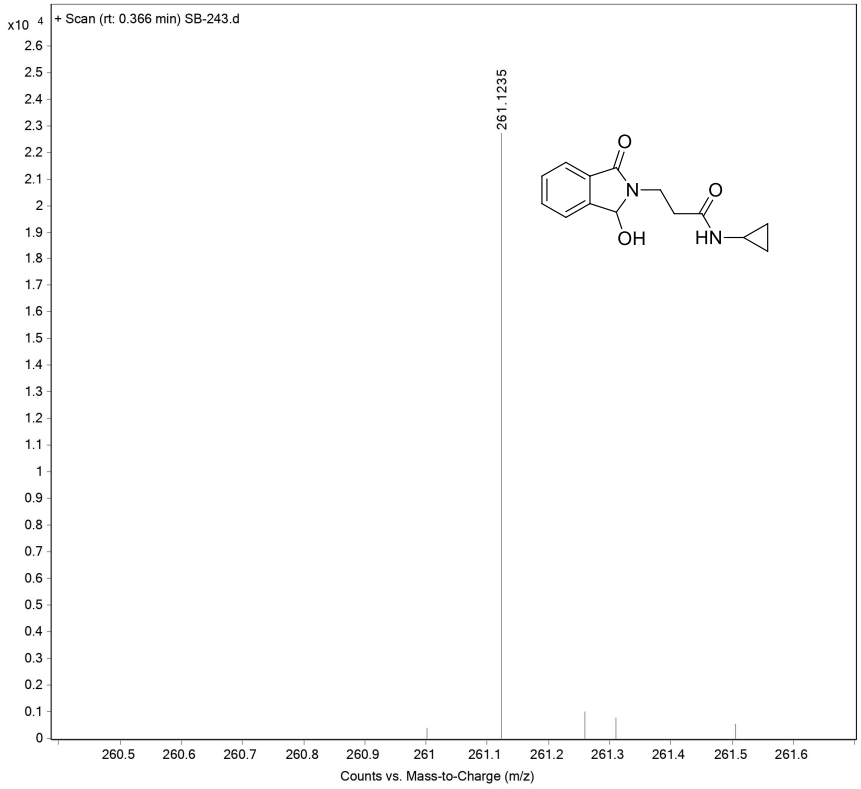
HRMS spectrum of **1j**

Sample Name	SAMPLE	**Position**	P1-B4	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-242.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	12/11/2020 11:57:05 AM (UTC+05:30)



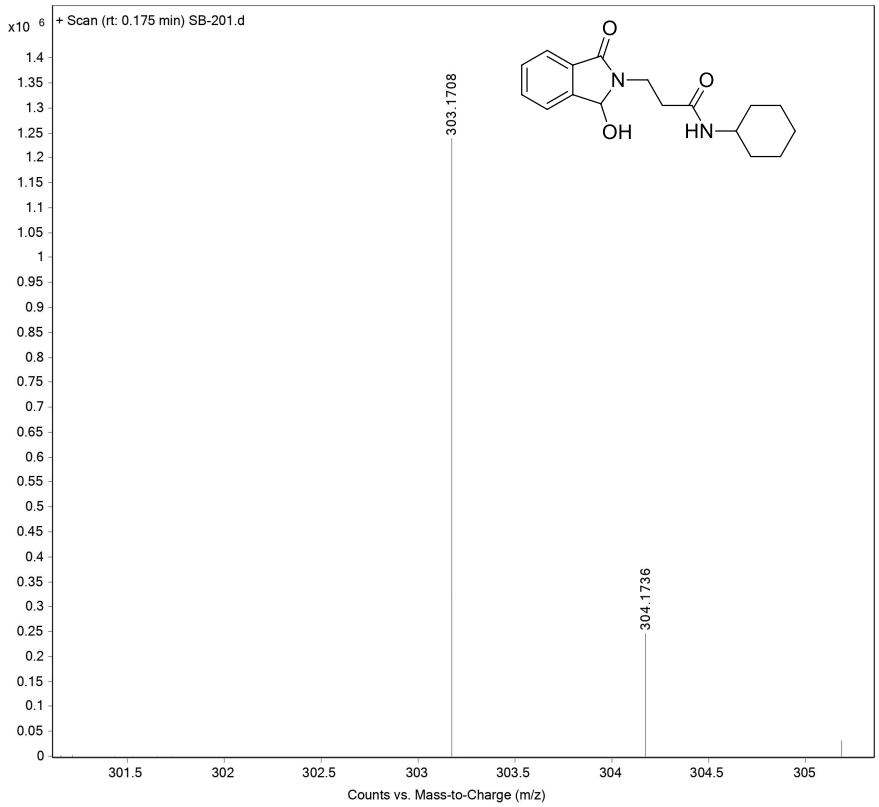
HRMS spectrum of **1k**

Sample Name	SAMPLE	**Position**	P1-B5	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-243.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	12/11/2020 11:58:58 AM (UTC+05:30)



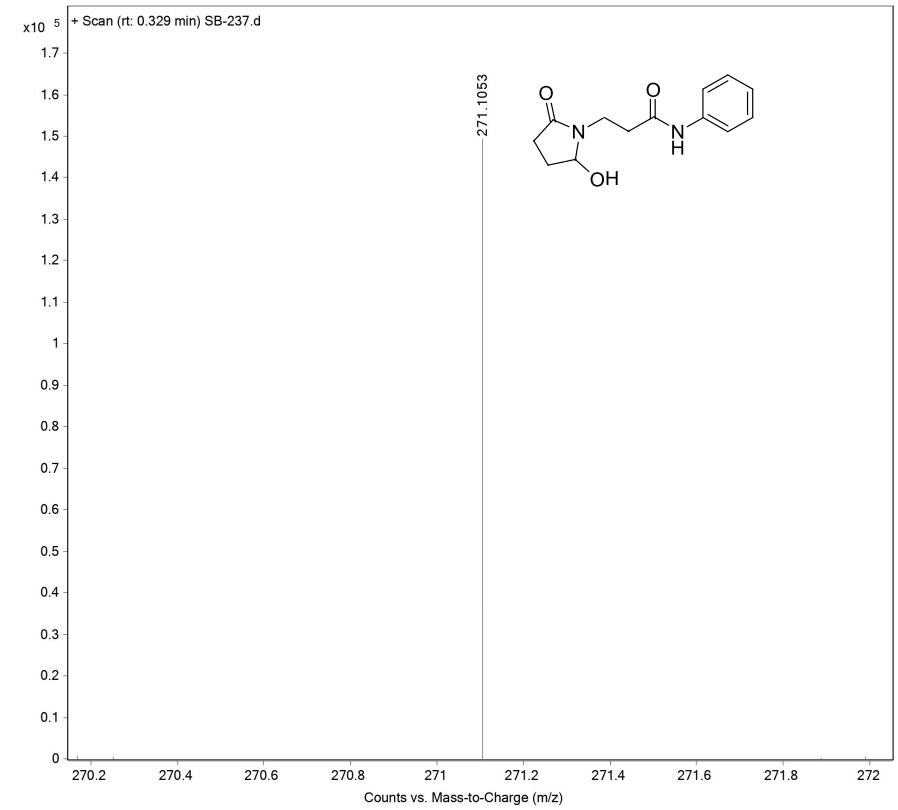
HRMS spectrum of **1l**

Sample Name	SB-201	**Position**	P1-C3	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-201.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 6:36:30 PM (UTC+05:30)



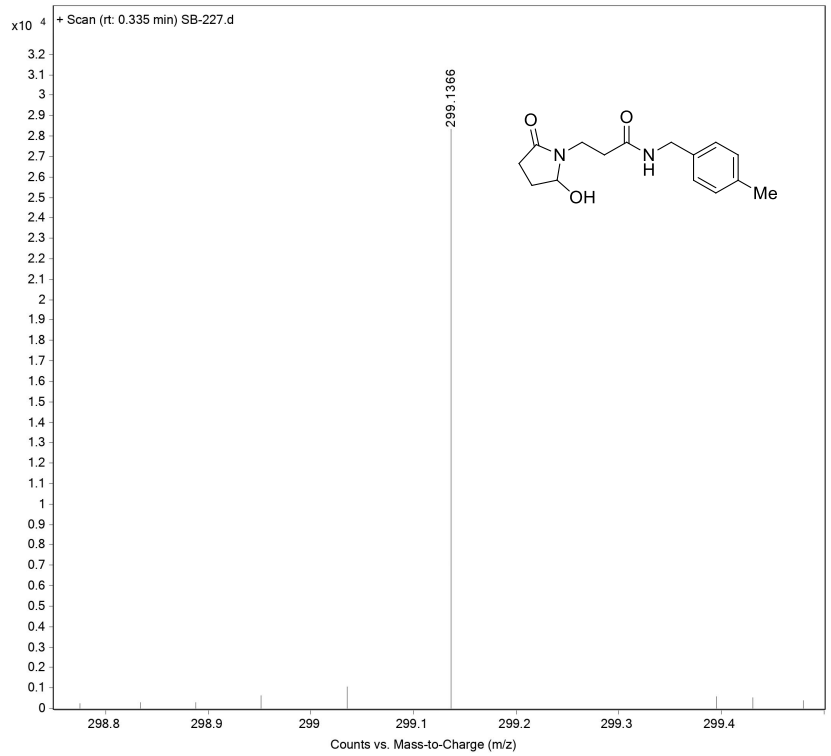
HRMS spectrum of **1m**

Sample Name	SAMPLE	**Position**	P1-C1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-237.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	12/4/2020 1:16:15 PM (UTC+05:30)



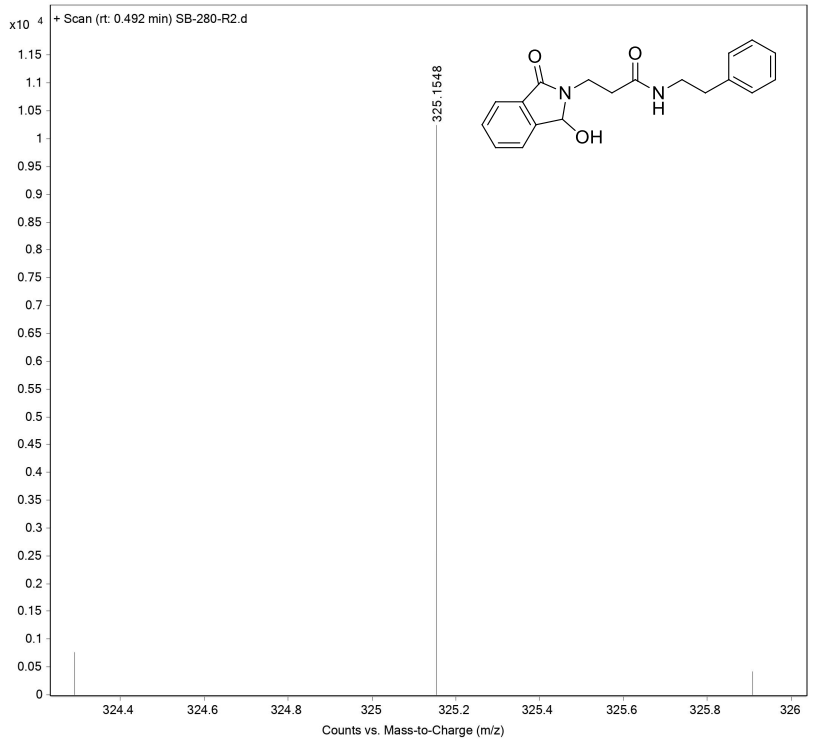
HRMS spectrum of **1n**

Sample Name	SAMPLE	**Position**	P1-C1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-227.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	12/4/2020 1:12:02 PM (UTC+05:30)



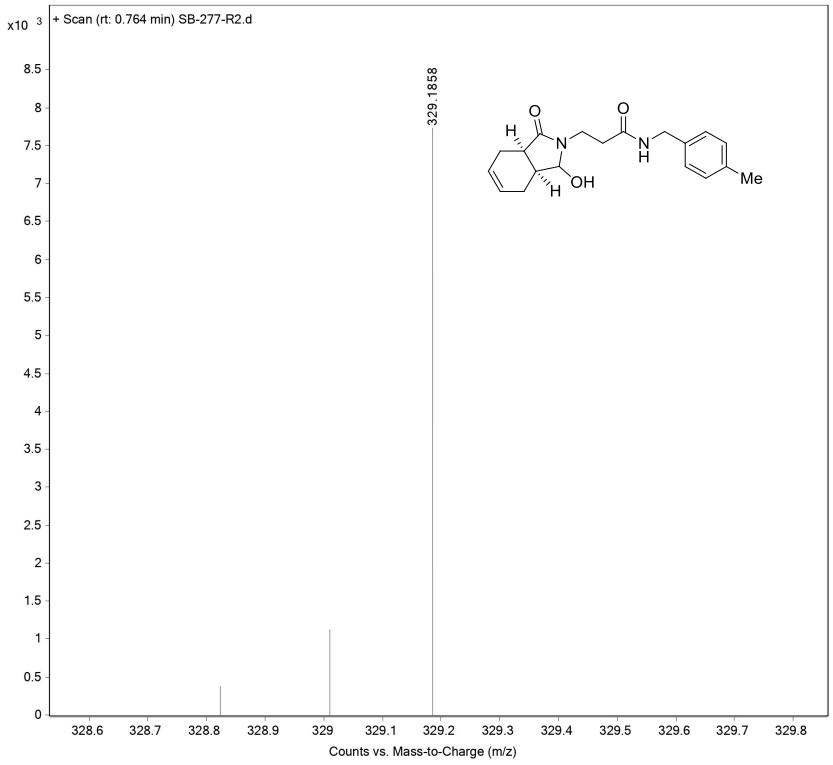
HRMS spectrum of **1o**

Sample Name	SB-280-R2	**Position**	P2-A11	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-280-R2.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	2/16/2021 7:16:19 PM (UTC+05:30)



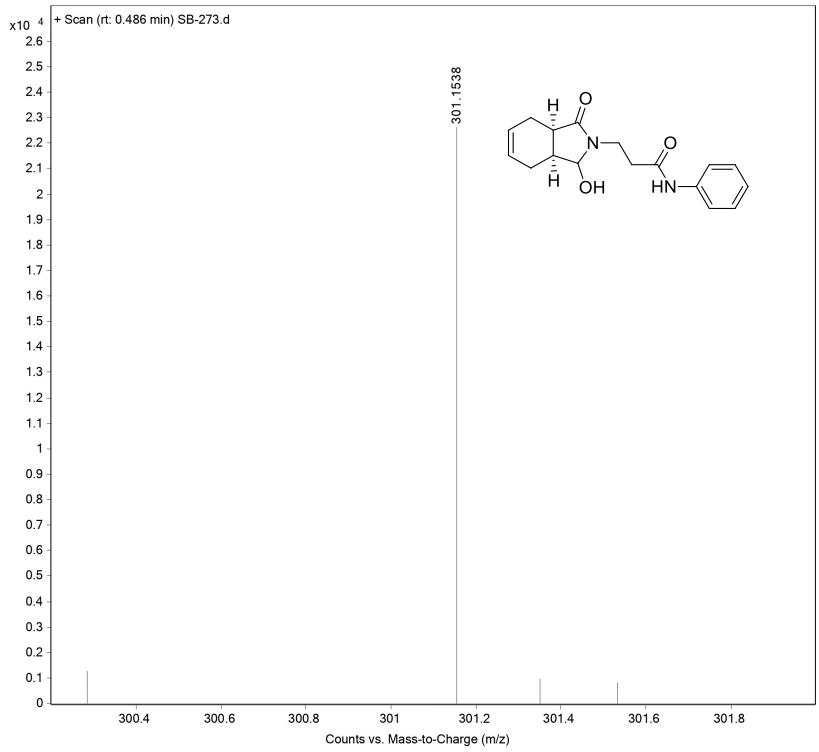
HRMS spectrum of **1p**

Sample Name	SB-277-R2	**Position**	P2-A10	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-277-R2.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	2/16/2021 7:05:08 PM (UTC+05:30)



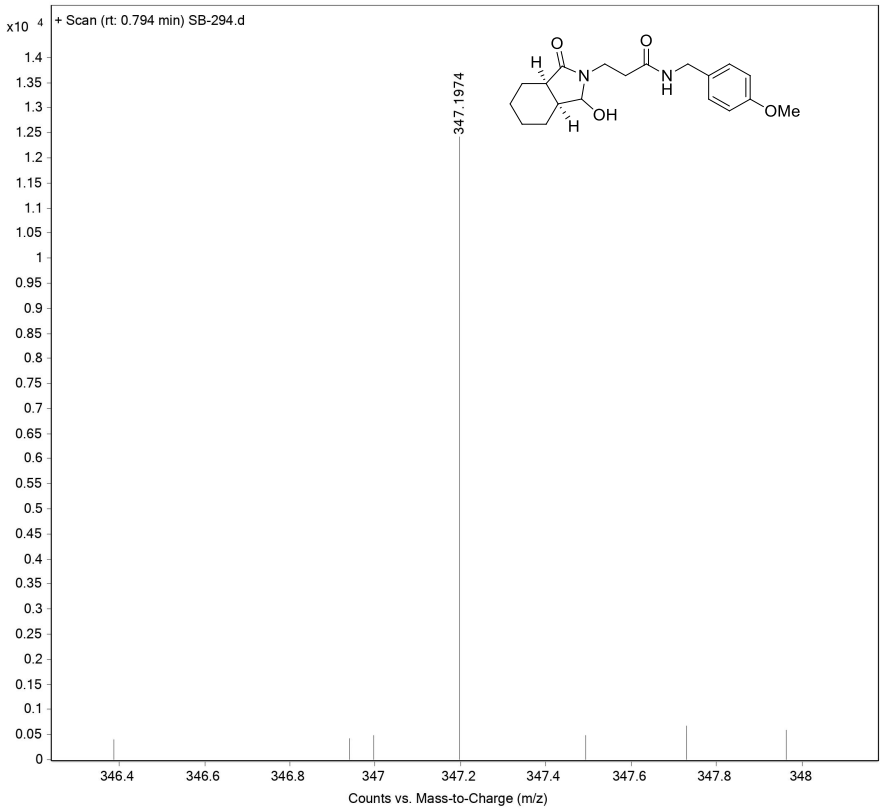
HRMS spectrum of **1q**

Sample Name	SAMPLE	**Position**	P1-B5	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-273.d
ACQ Method	ESI ALS 100-700.m	**Comment**		**Acquired Time**	1/21/2021 6:24:59 PM (UTC+05:30)



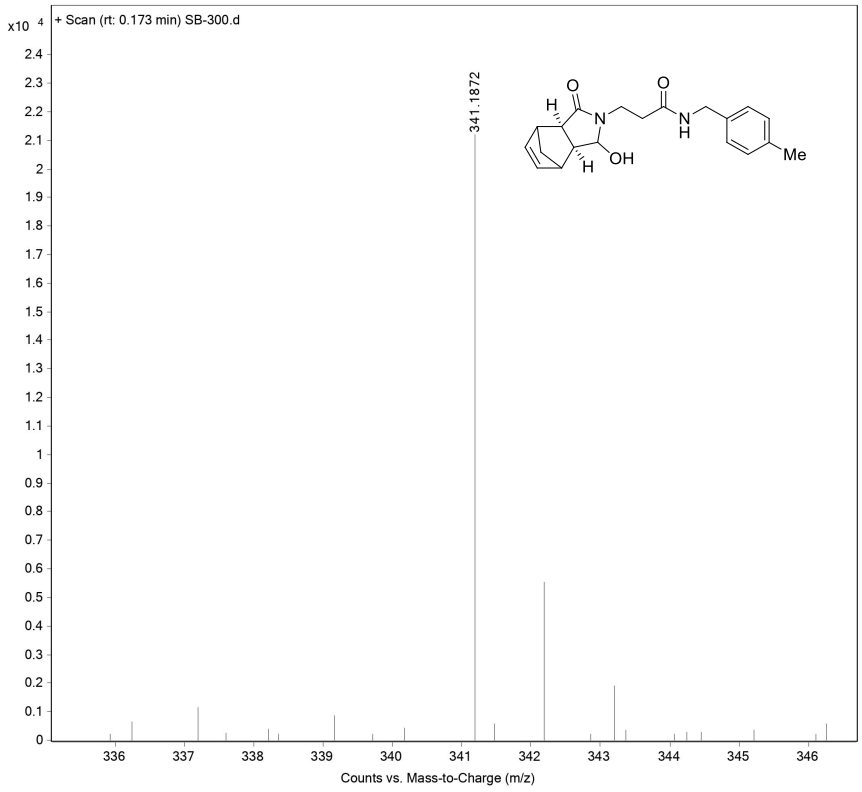
HRMS spectrum of **1r**

Sample Name	SAMPLE 5	**Position**	P2-A6	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-294.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	3/12/2021 7:28:08 PM (UTC+05:30)



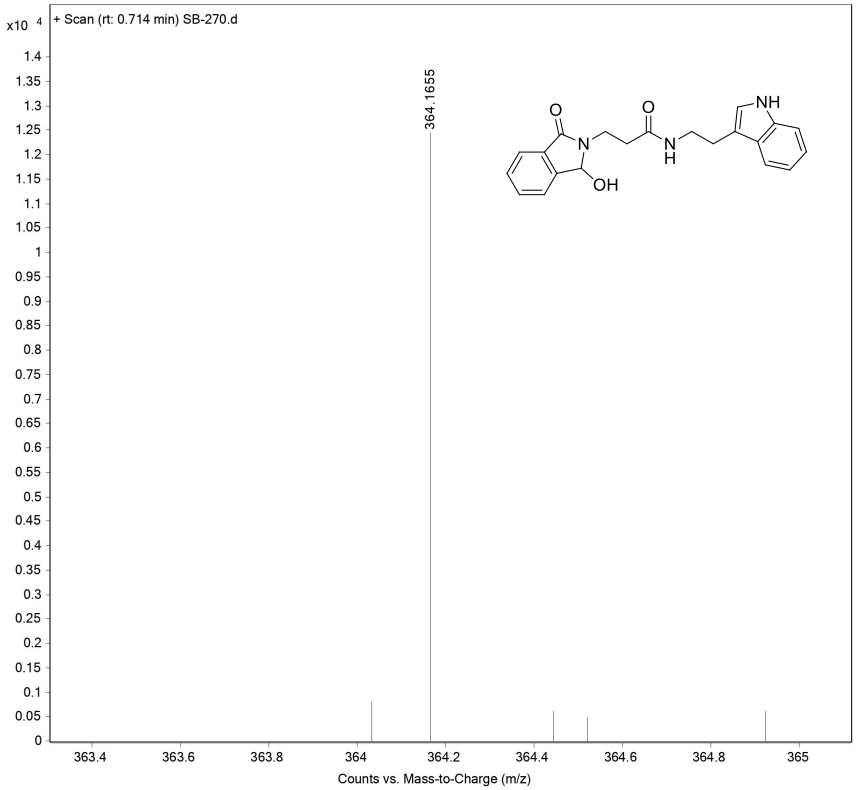
HRMS spectrum of **1s**

Sample Name	SAMPLE	**Position**	P1-D2	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-300.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	3/11/2021 9:17:16 PM (UTC+05:30)



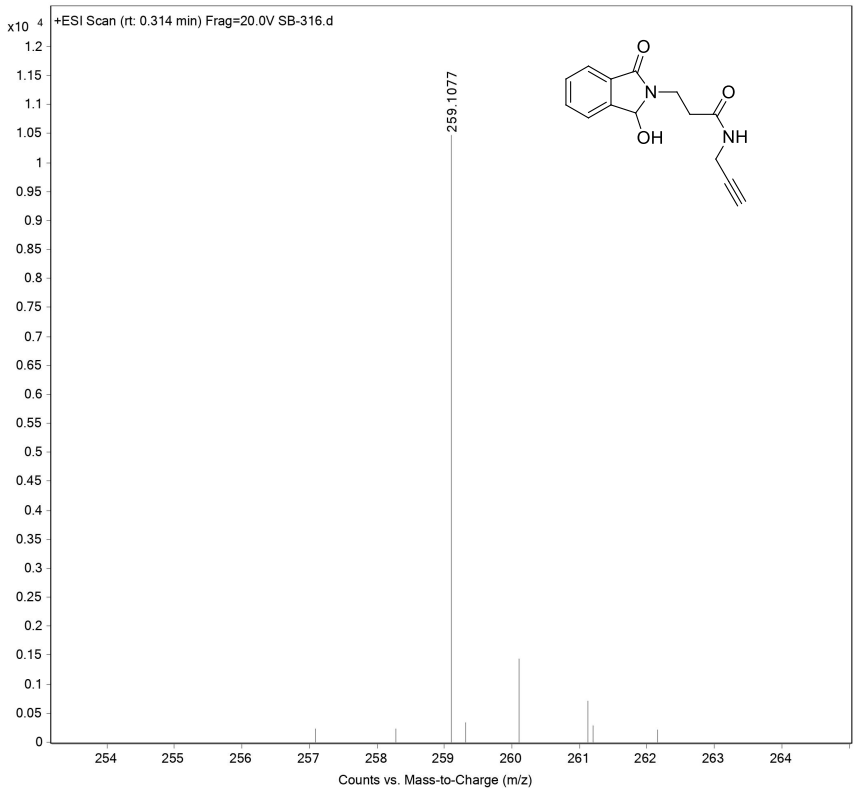
HRMS spectrum of **1t**

Sample Name	SAMPLE	**Position**	P1-B4	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-270.d
ACQ Method	ESI ALS 100-700.m	**Comment**		**Acquired Time**	1/21/2021 6:13:30 PM (UTC+05:30)



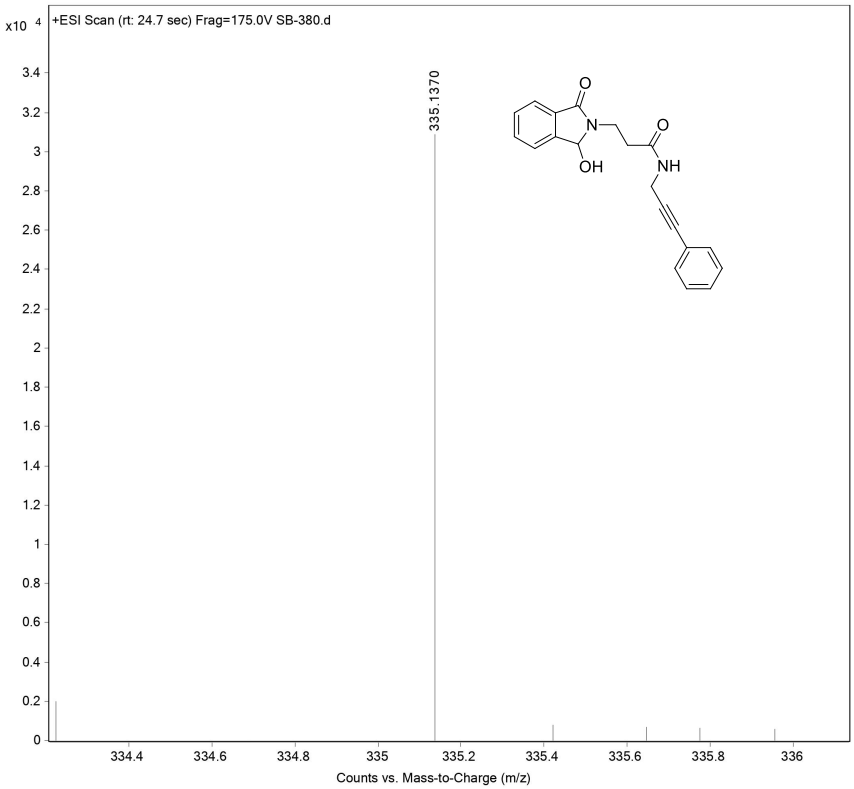
HRMS spectrum of **1u**

Sample Name	SAMPLE 3	**Position**	P1-A2	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-316.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	21-04-2021 20:23:06 (UTC+05:30)



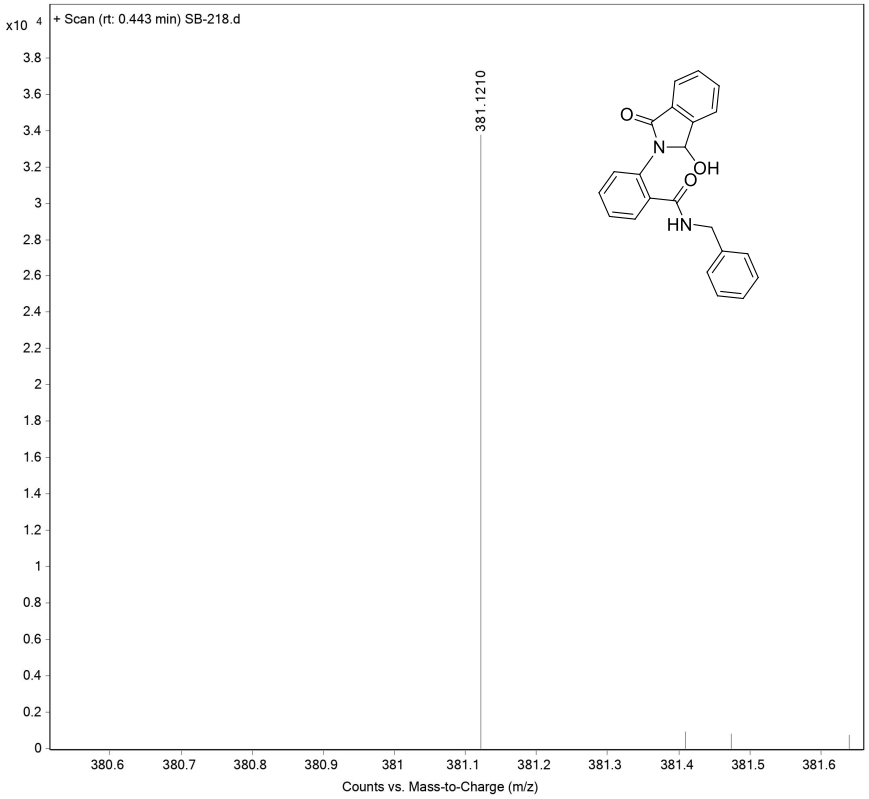
HRMS spectrum of **1v**

Sample Name	WASH	**Position**	P2-B5	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-380.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	05-08-2021 18:19:06 (UTC+05:30)



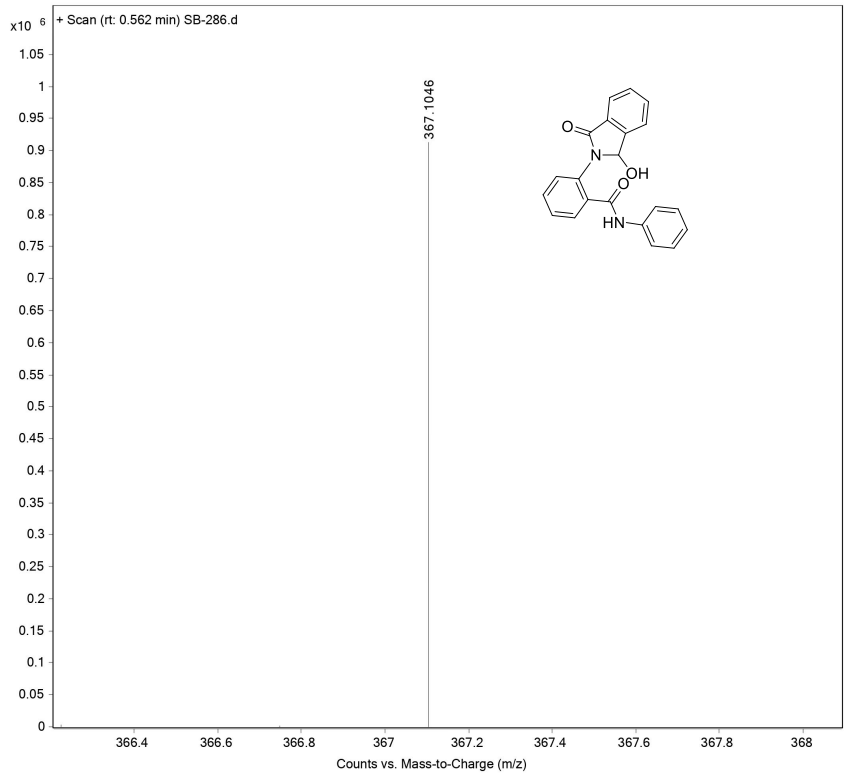
HRMS spectrum of **1w**

Sample Name	SAMPLE	**Position**	P1-C1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-218.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	12/4/2020 1:07:46 PM (UTC+05:30)



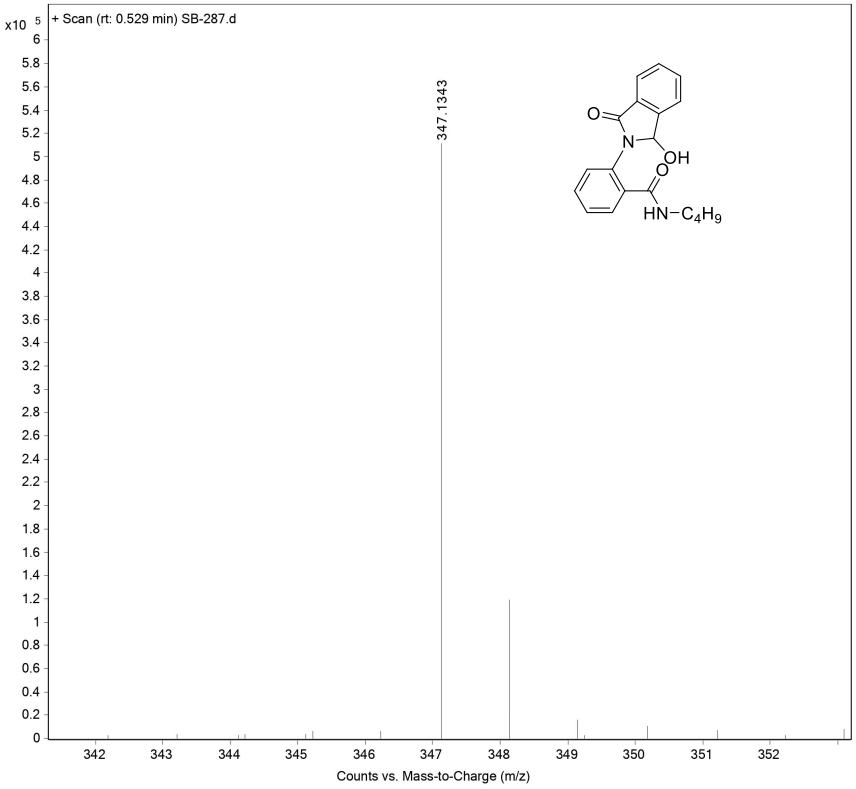
HRMS spectrum of **1x**

Sample Name	SAMPLE	**Position**	P1-C6	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-286.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	3/4/2021 12:16:16 PM (UTC+05:30)



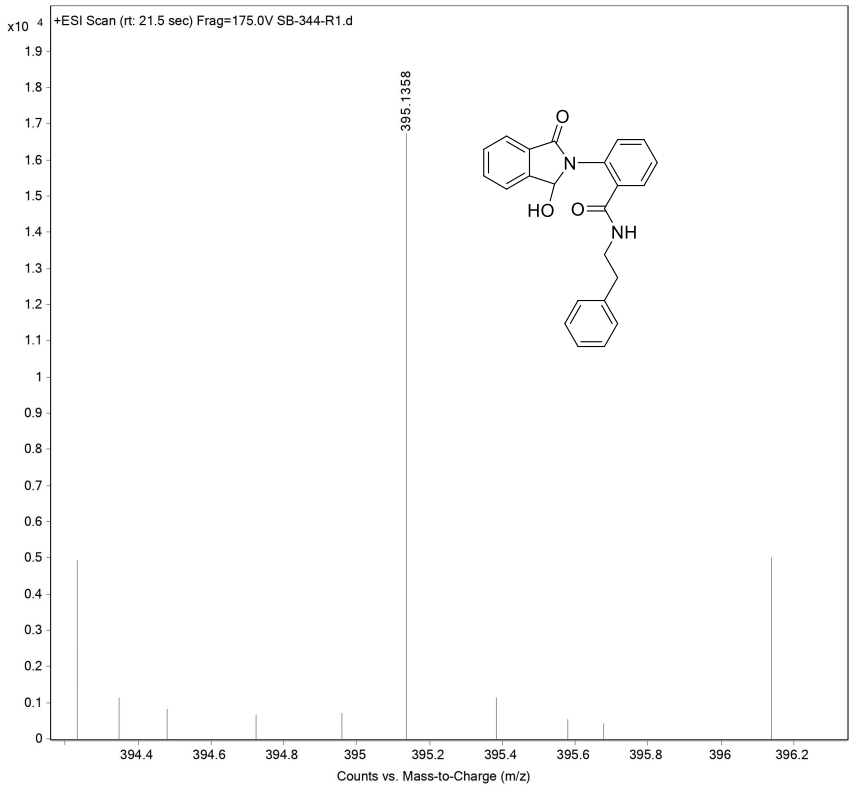
HRMS spectrum of **1y**

Sample Name	SAMPLE	**Position**	P1-C7	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-287.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	3/4/2021 12:18:09 PM (UTC+05:30)



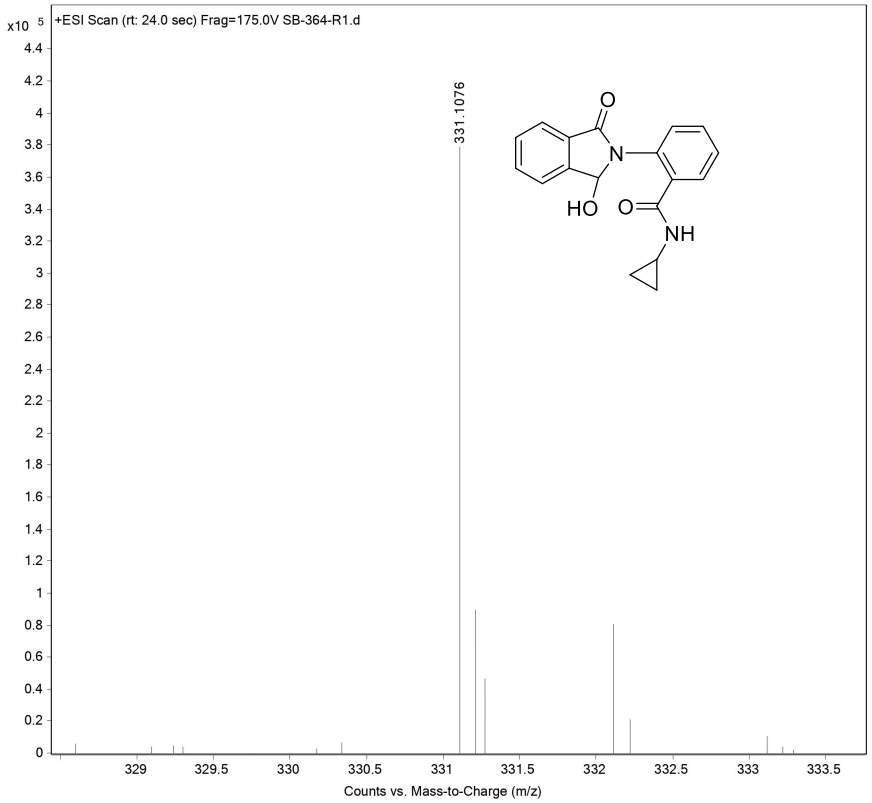
HRMS spectrum of **1z**

Sample Name	WASH	**Position**	P2-A8	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-344-R1.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	22-07-2021 16:44:16 (UTC+05:30)



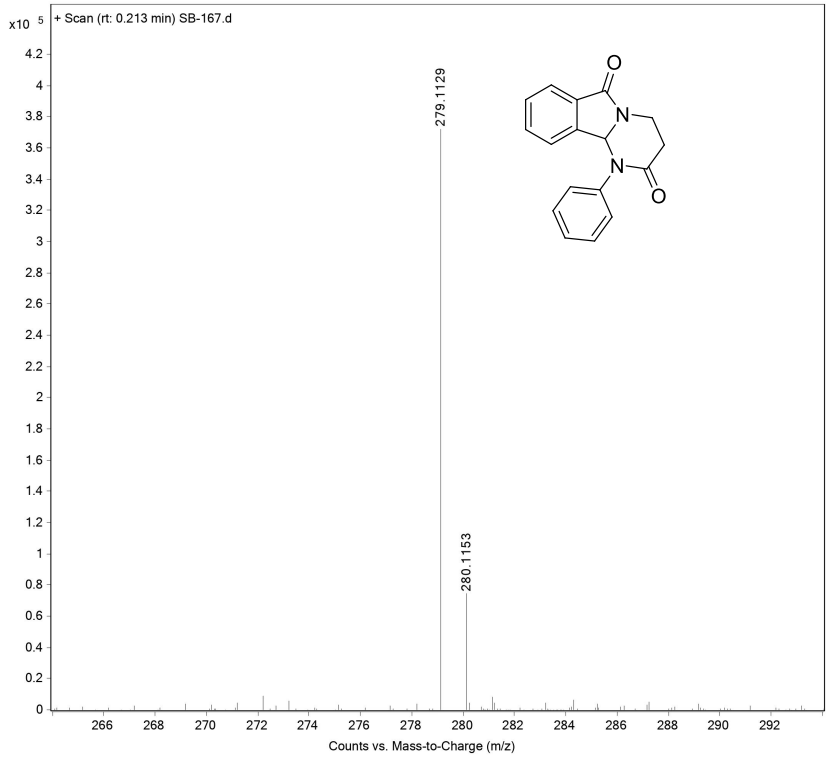
HRMS spectrum of **1aa**

Sample Name	WASH	**Position**	P2-B2	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-364-R1.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	22-07-2021 16:51:29 (UTC+05:30)



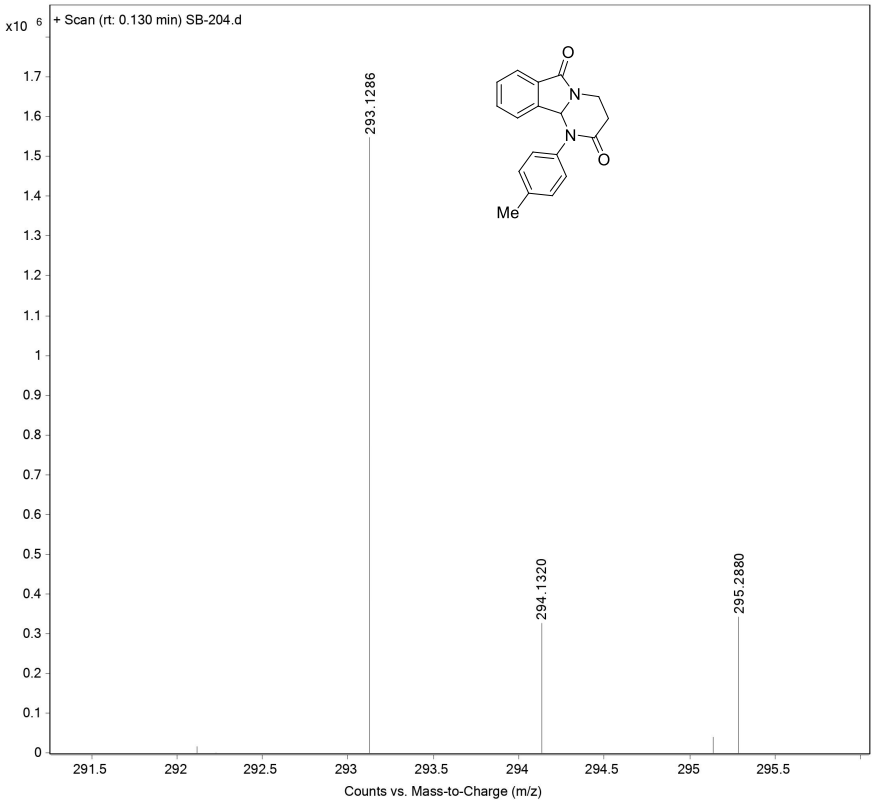
HRMS spectrum of **2a**

Sample Name	SB-167	**Position**	P1-D2	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-167.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 3:45:42 PM (UTC+05:30)



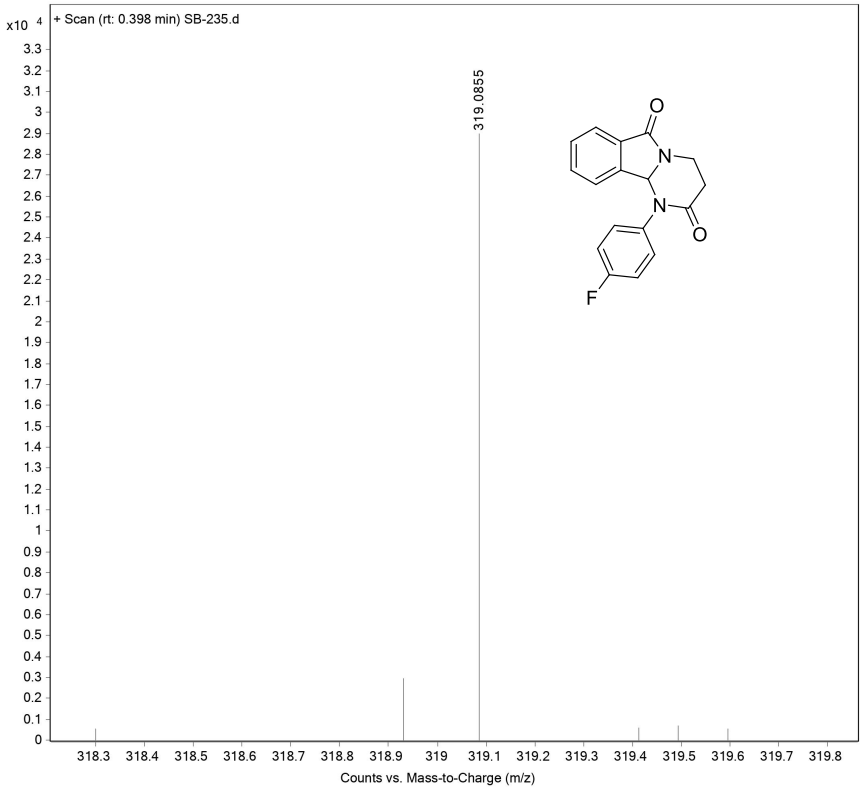
HRMS spectrum of **2b**

Sample Name	SB-204	**Position**	P1-C6	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-204.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 7:04:31 PM (UTC+05:30)



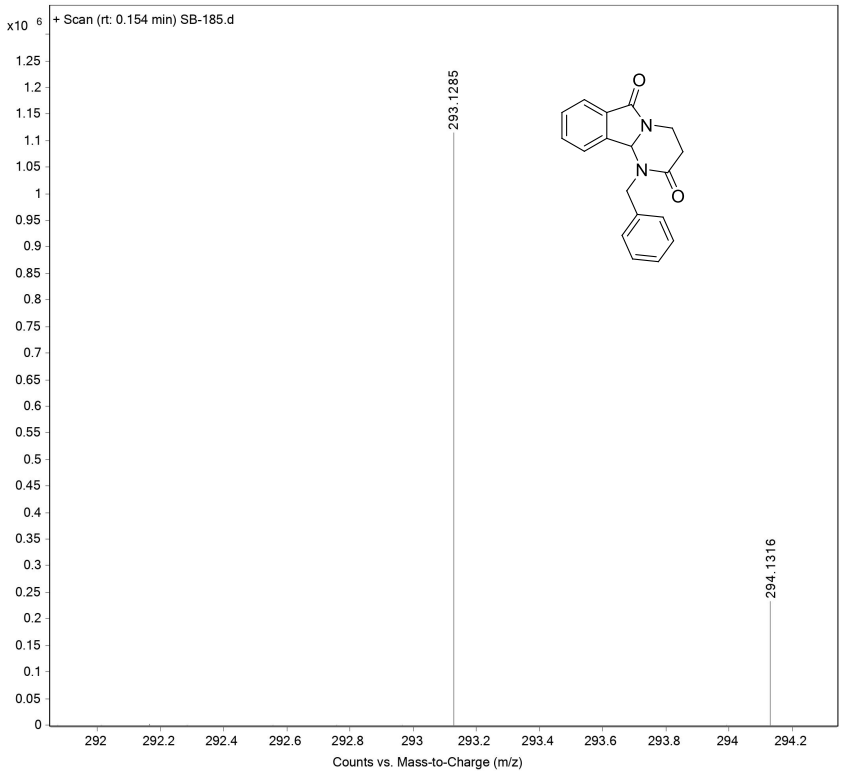
HRMS spectrum of **2c**

Sample Name	SB-235	**Position**	P1-C3	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-235.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/4/2020 1:02:54 PM (UTC+05:30)



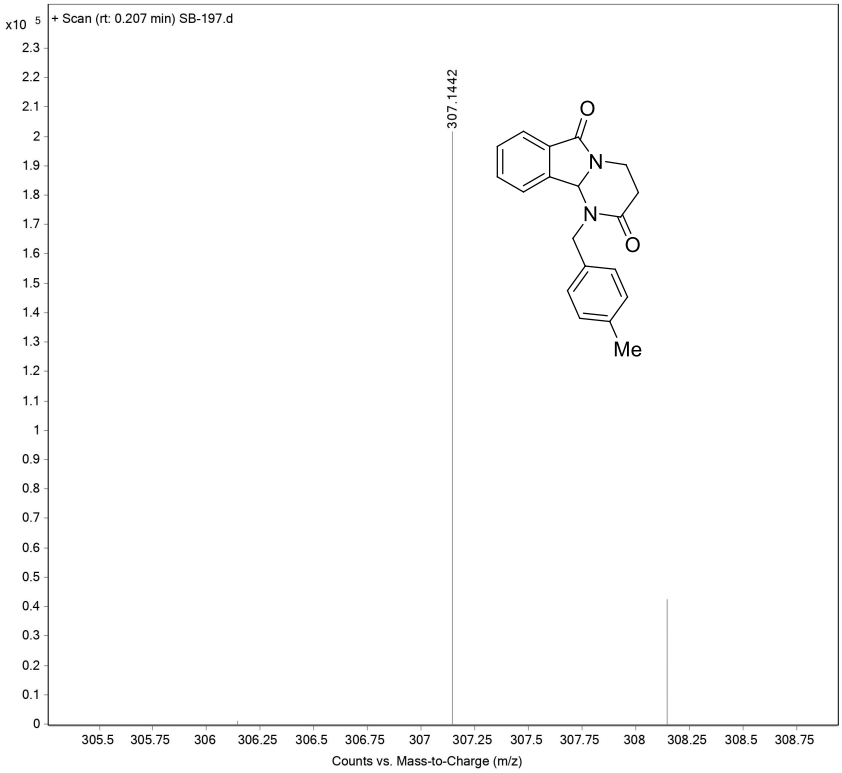
HRMS spectrum of **2d**

Sample Name	SB-185	**Position**	P1-D4	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-185.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 3:49:28 PM (UTC+05:30)



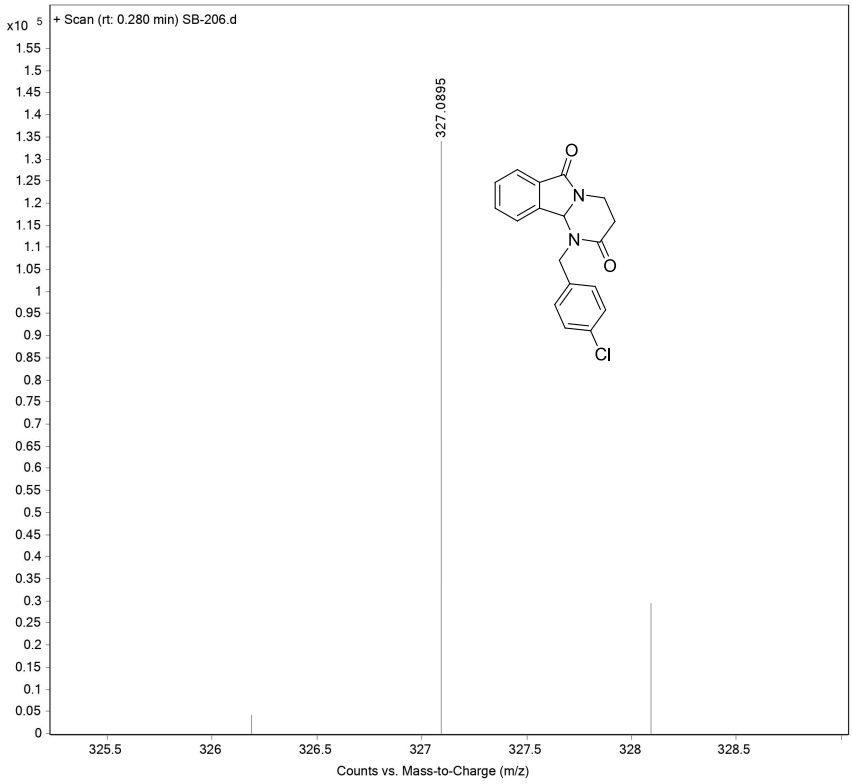
HRMS spectrum of **2e**

Sample Name	SB-197	**Position**	P1-C2	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-197.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	12/3/2020 6:33:22 PM (UTC+05:30)



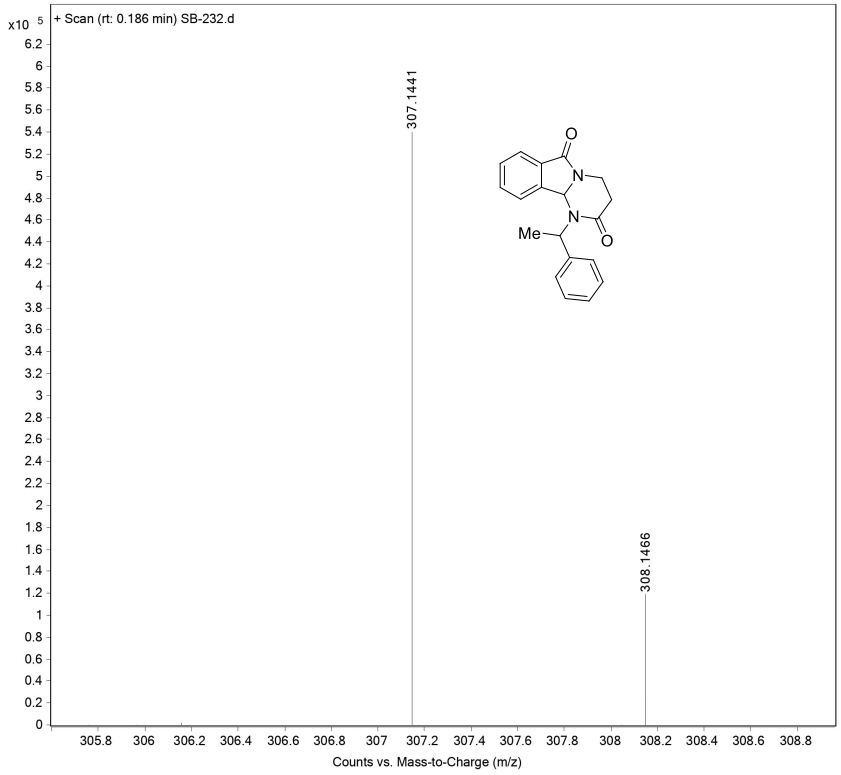
HRMS spectrum of **2f**

Sample Name	SB-206	**Position**	P1-C7	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-206.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 7:06:25 PM (UTC+05:30)



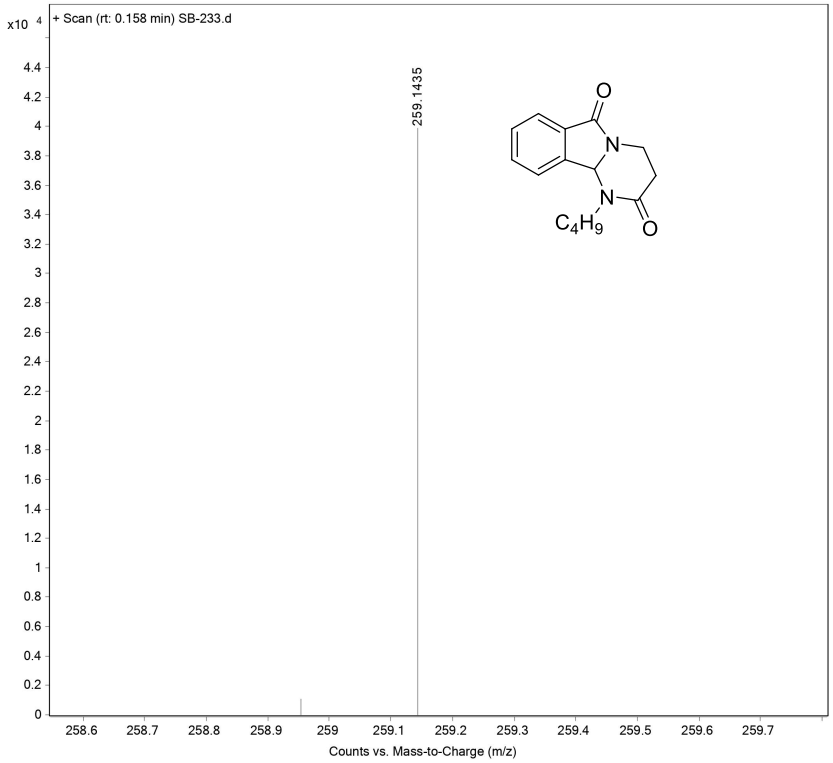
HRMS spectrum of **2g**

Sample Name	SAMPLE	**Position**	P1-B3	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-232.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	12/11/2020 11:54:15 AM (UTC+05:30)



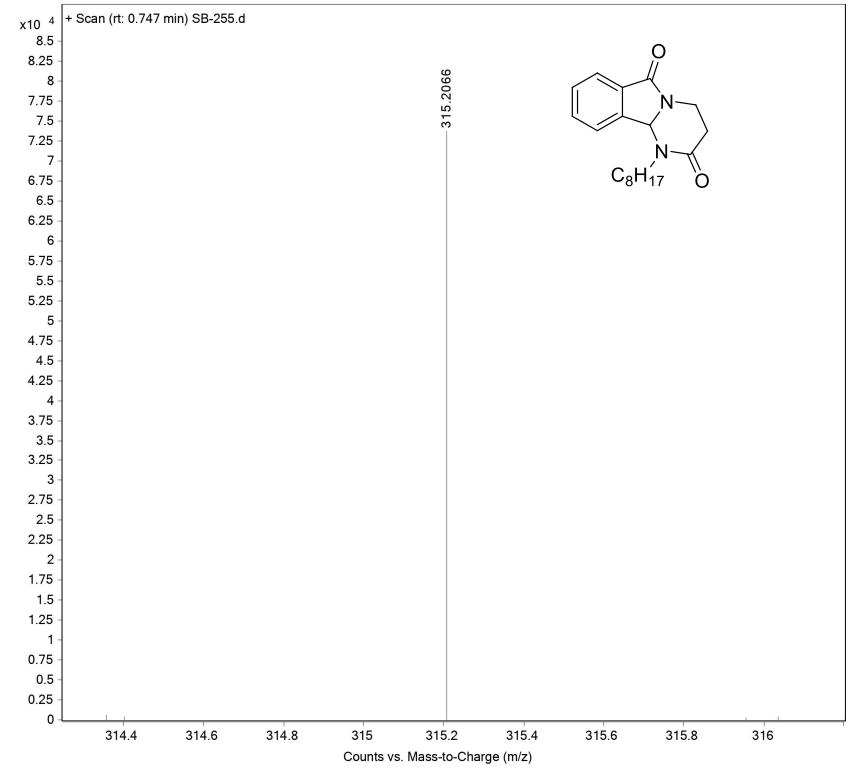
HRMS spectrum of **2h**

Sample Name	SB-233	**Position**	P1-C2	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-233.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 8:18:15 PM (UTC+05:30)



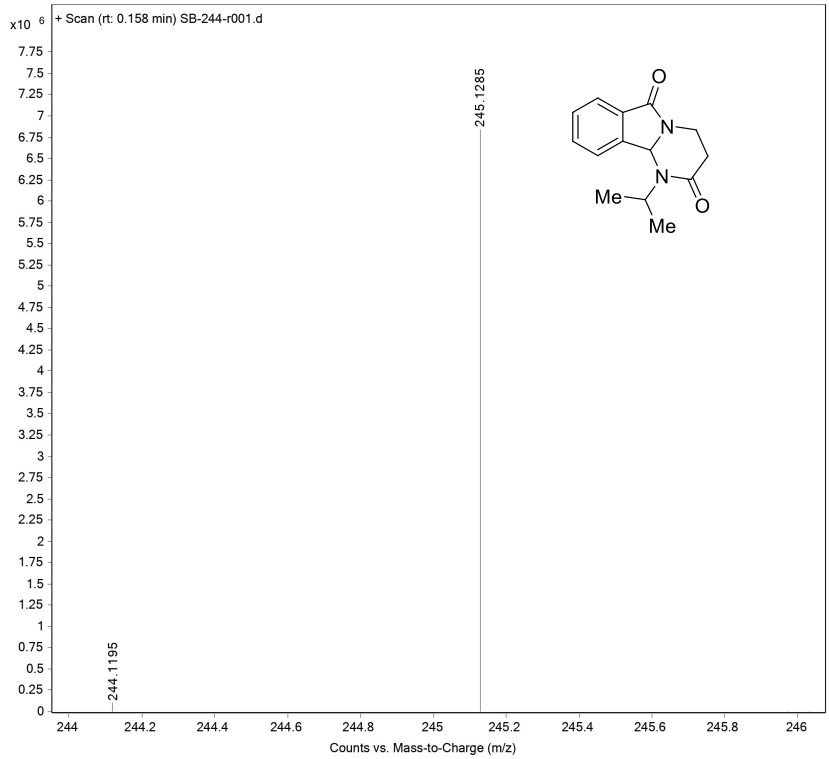
HRMS spectrum of **2i**

Sample Name	WASH	**Position**	P1-E1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-255.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	1/7/2021 7:00:27 PM (UTC+05:30)



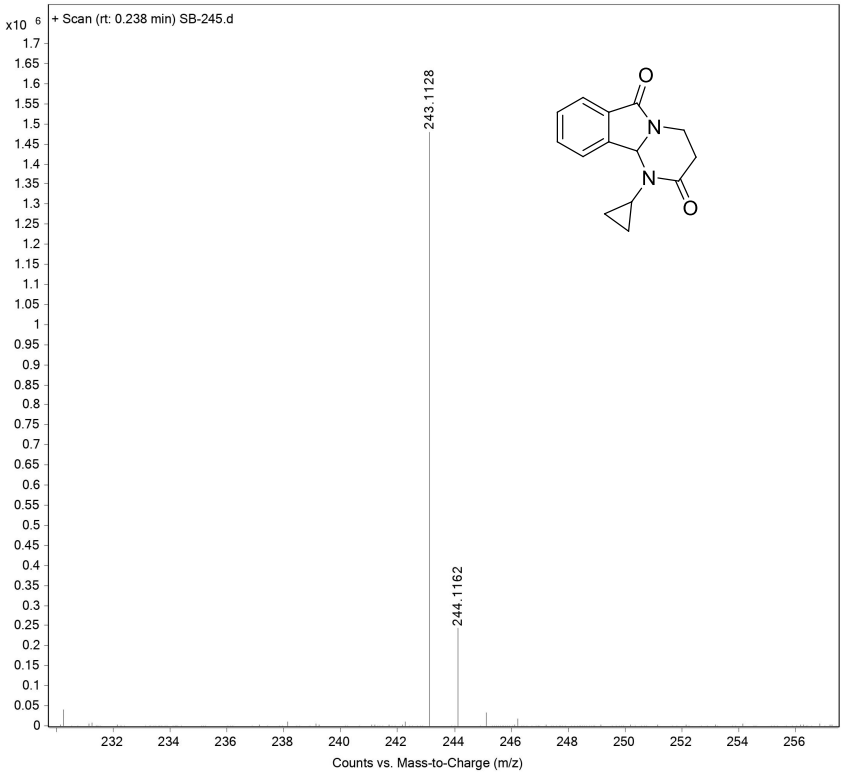
HRMS spectrum of **2j**

Sample Name	SB-244	**Position**	P1-E1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-244-r001.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/23/2020 4:06:37 PM (UTC+05:30)



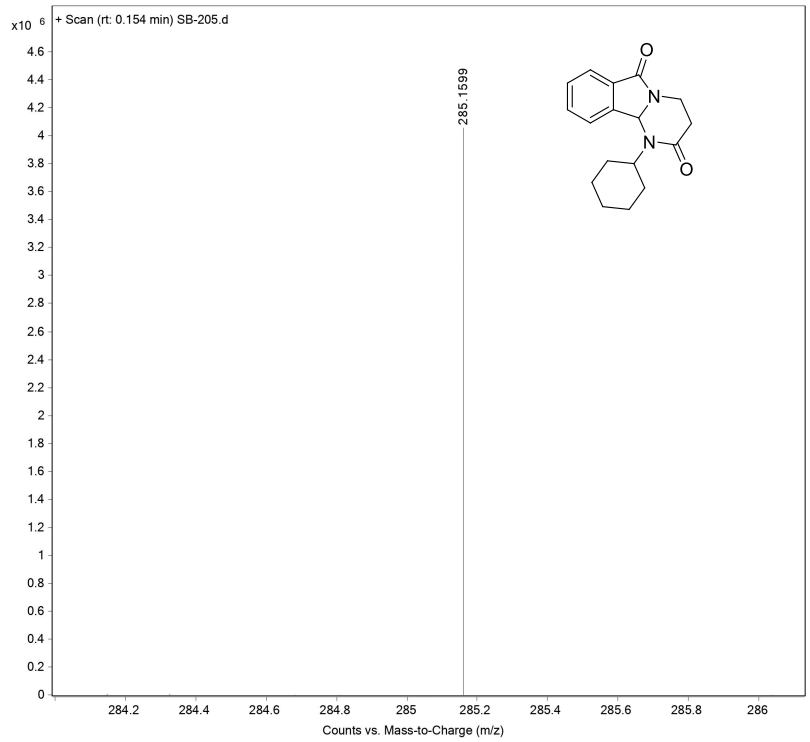
HRMS spectrum of **2k**

Sample Name	WASH	**Position**	P1-E2	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-245.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	1/7/2021 6:47:45 PM (UTC+05:30)



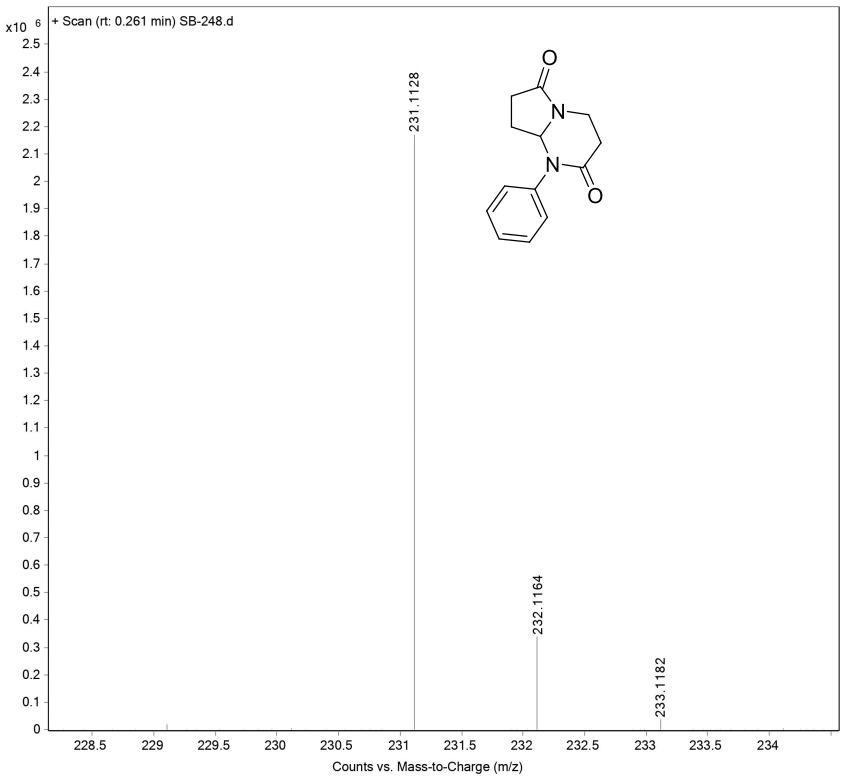
HRMS spectrum of **2l**

Sample Name	WASH	**Position**	P1-E1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-205.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	1/7/2021 6:38:10 PM (UTC+05:30)



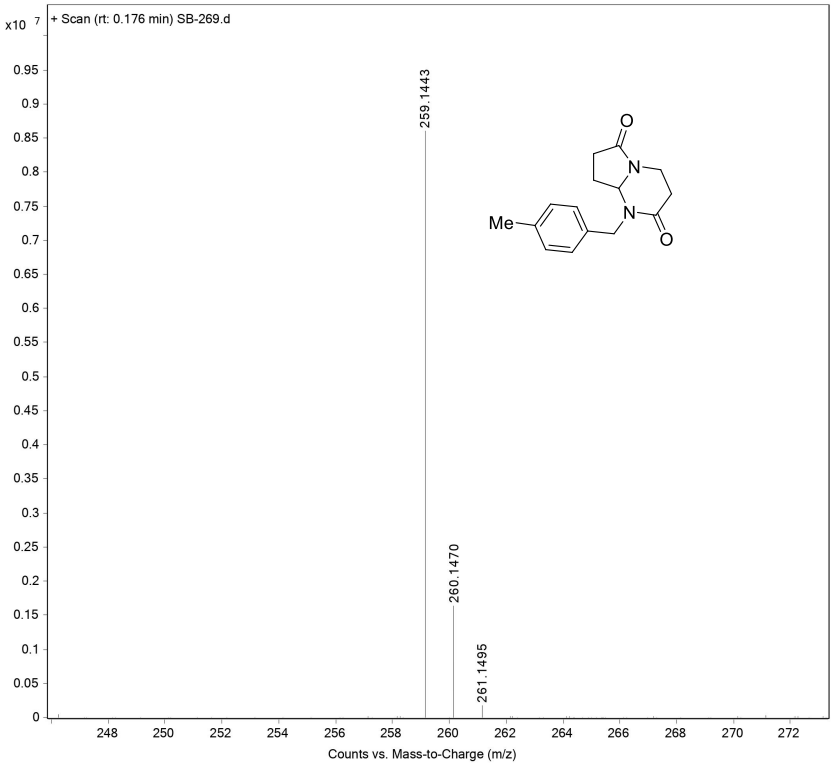
HRMS spectrum of **2m**

Sample Name	SB-248	**Position**	P1-E3	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-248.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/23/2020 4:10:23 PM (UTC+05:30)



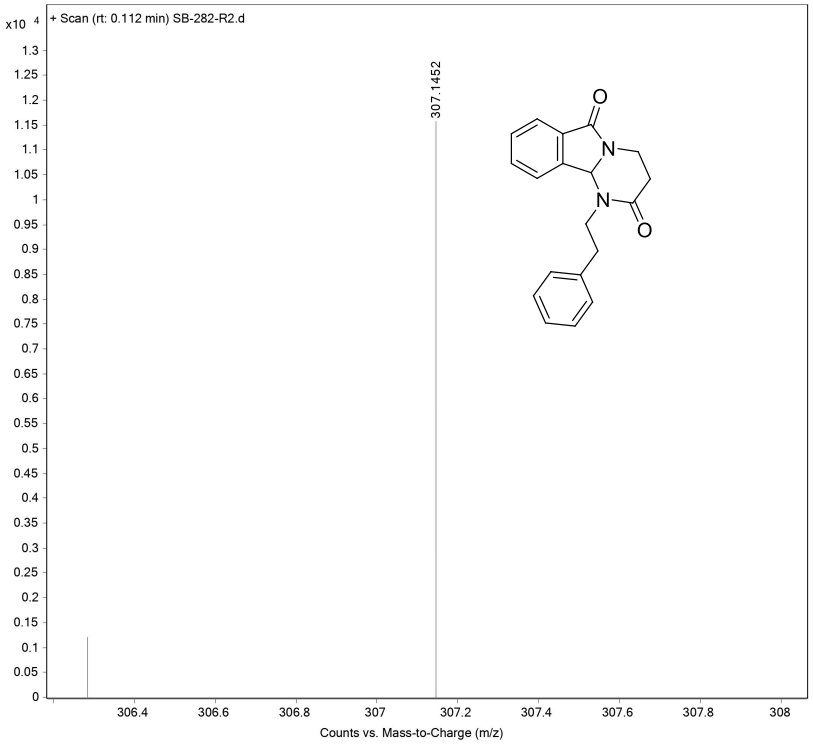
HRMS spectrum of **2n**

Sample Name	SAMPLE	**Position**	P1-B3	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-269.d
ACQ Method	ESI ALS 100-700.m	**Comment**		**Acquired Time**	1/21/2021 6:02:00 PM (UTC+05:30)



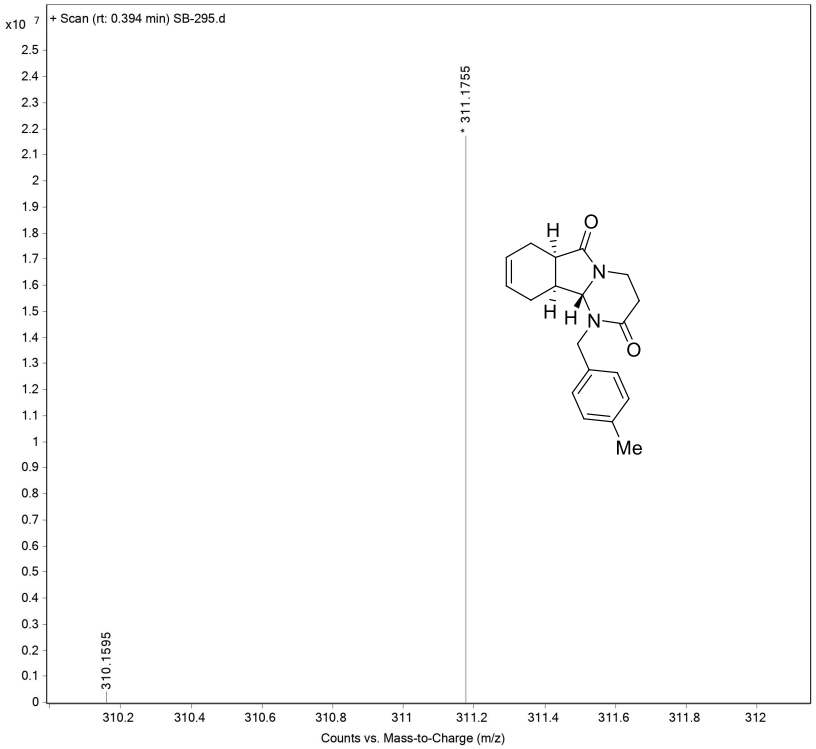
HRMS spectrum of **2o**

Sample Name	SB-282-R2	**Position**	P2-B2	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-282-R2.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	2/16/2021 7:25:34 PM (UTC+05:30)



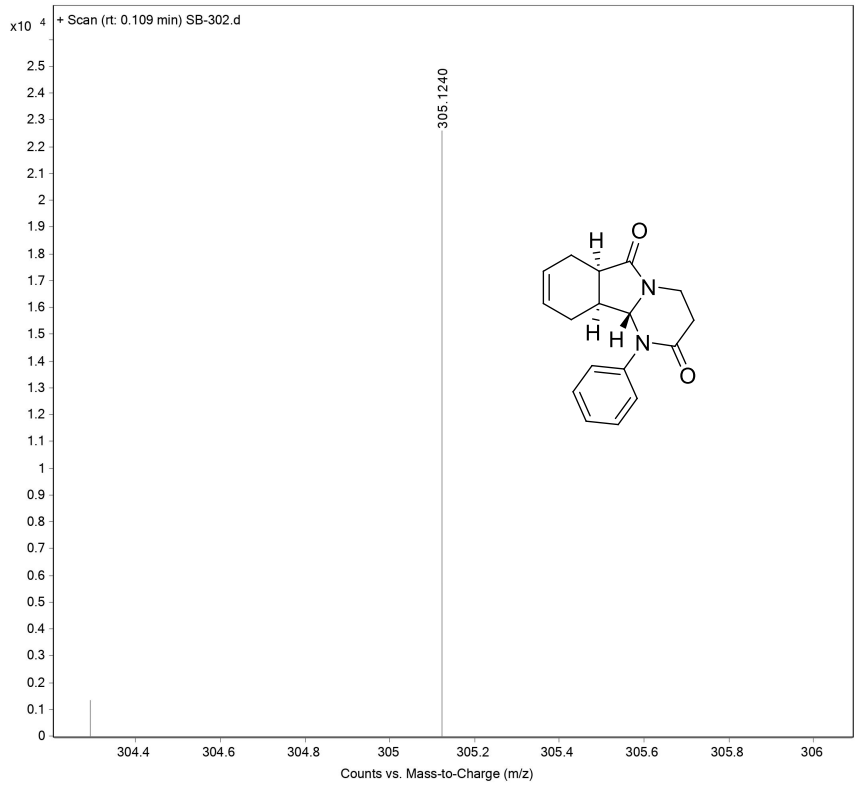
HRMS spectrum of **2p**

Sample Name	SAMPLE	**Position**	P1-C10	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-295.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	3/4/2021 12:23:59 PM (UTC+05:30)



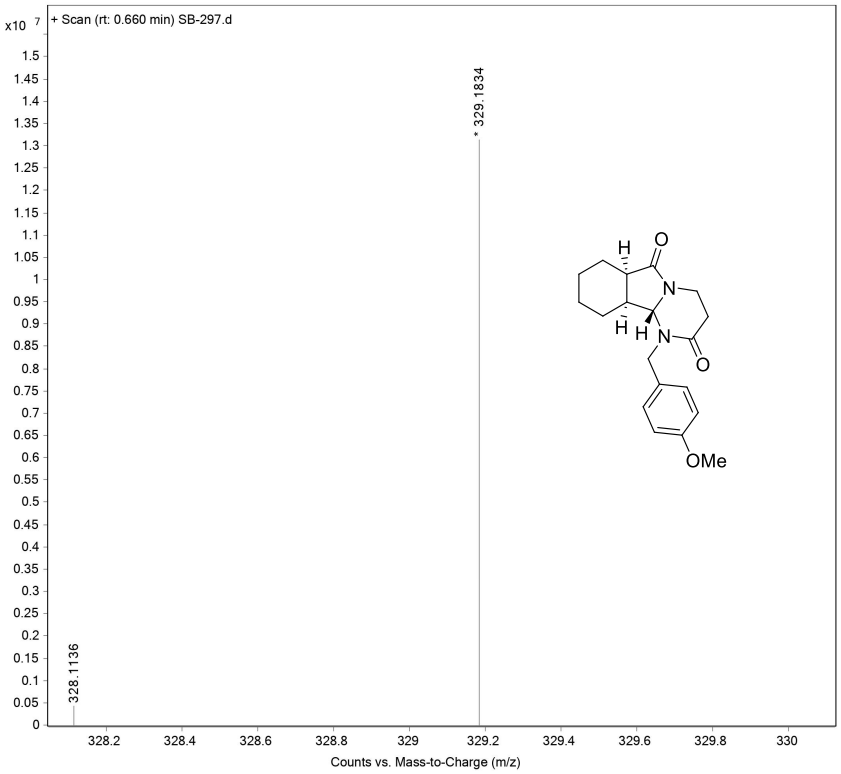
HRMS spectrum of **2q**

Sample Name	SAMPLE 7	**Position**	P2-A8	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-302.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	3/12/2021 7:50:29 PM (UTC+05:30)



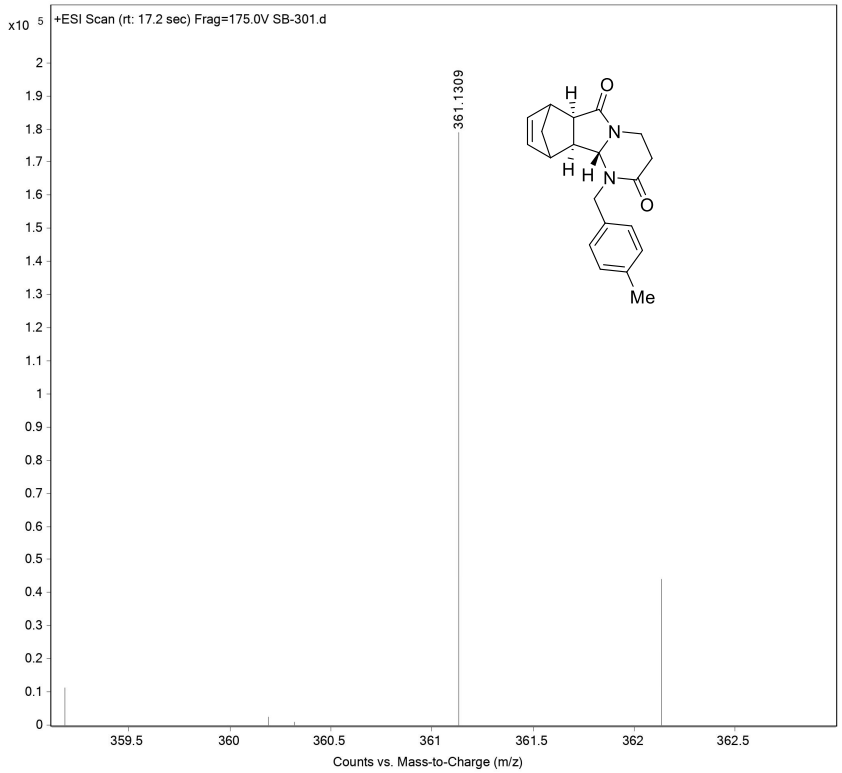
HRMS spectrum of **2r**

Sample Name	SAMPLE	**Position**	P1-C11	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-297.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	3/4/2021 12:25:50 PM (UTC+05:30)



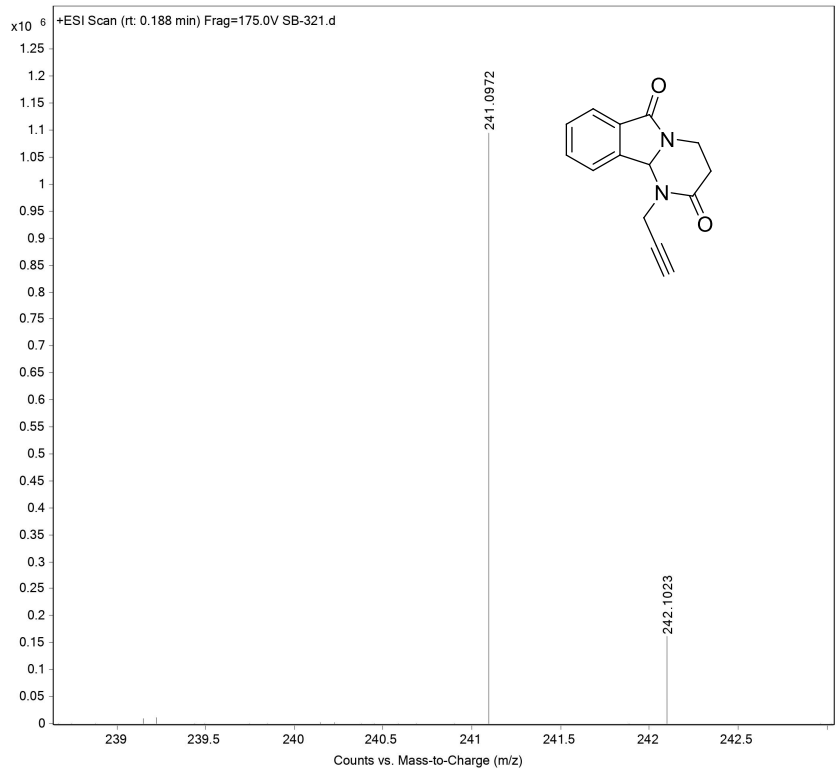
HRMS spectrum of **2s**

Sample Name	SAMPLE 6	**Position**	P2-A7	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-301.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	12-03-2021 19:39:19 (UTC+05:30)



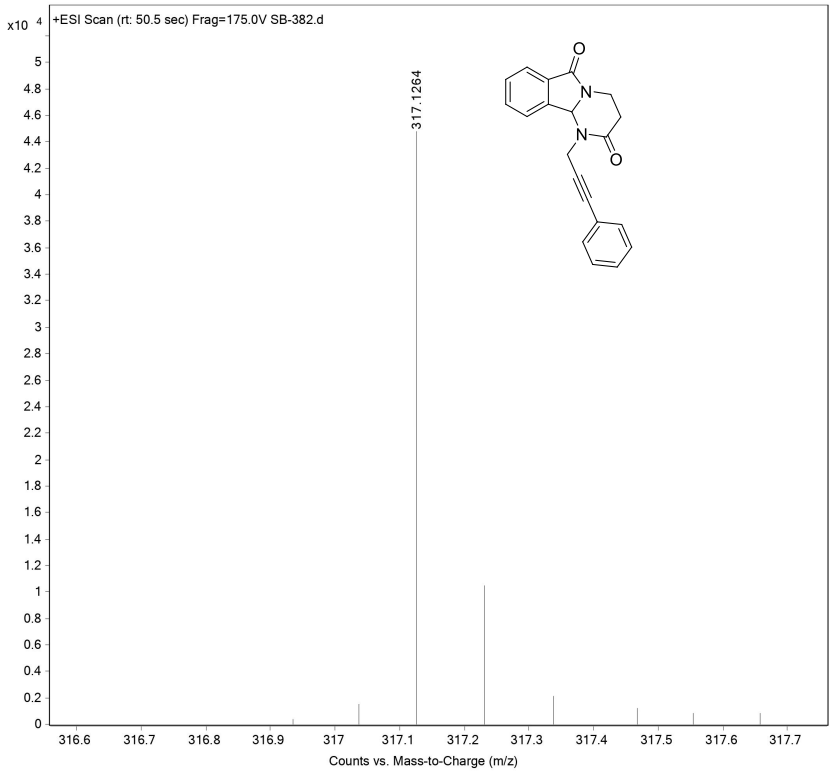
HRMS spectrum of **2u**

Sample Name	SAMPLE 2	**Position**	P2-B7	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-321.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	26-04-2021 16:04:22 (UTC+05:30)



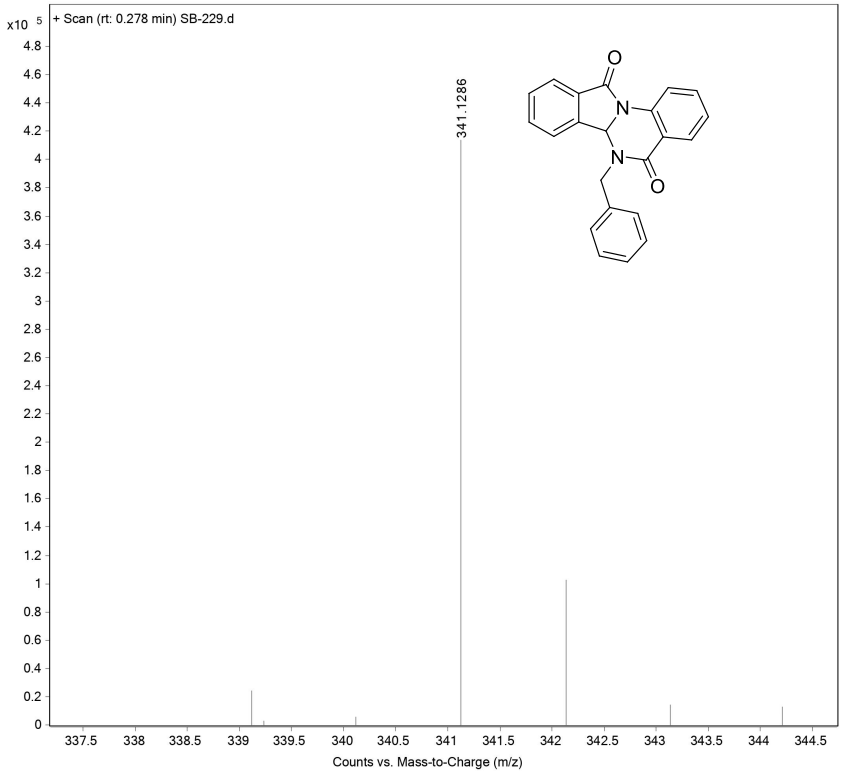
HRMS spectrum of **2v**

Sample Name	WASH	**Position**	P2-B5	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-382.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	05-08-2021 18:28:16 (UTC+05:30)



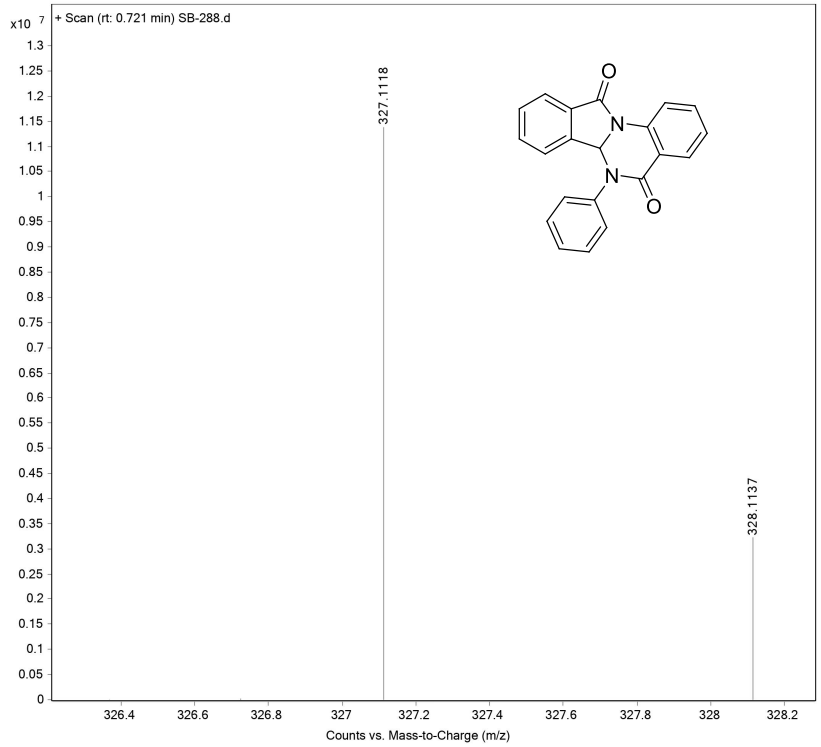
HRMS spectrum of **2w**

Sample Name	SB-229	**Position**	P1-C1	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-229.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	12/3/2020 8:16:23 PM (UTC+05:30)



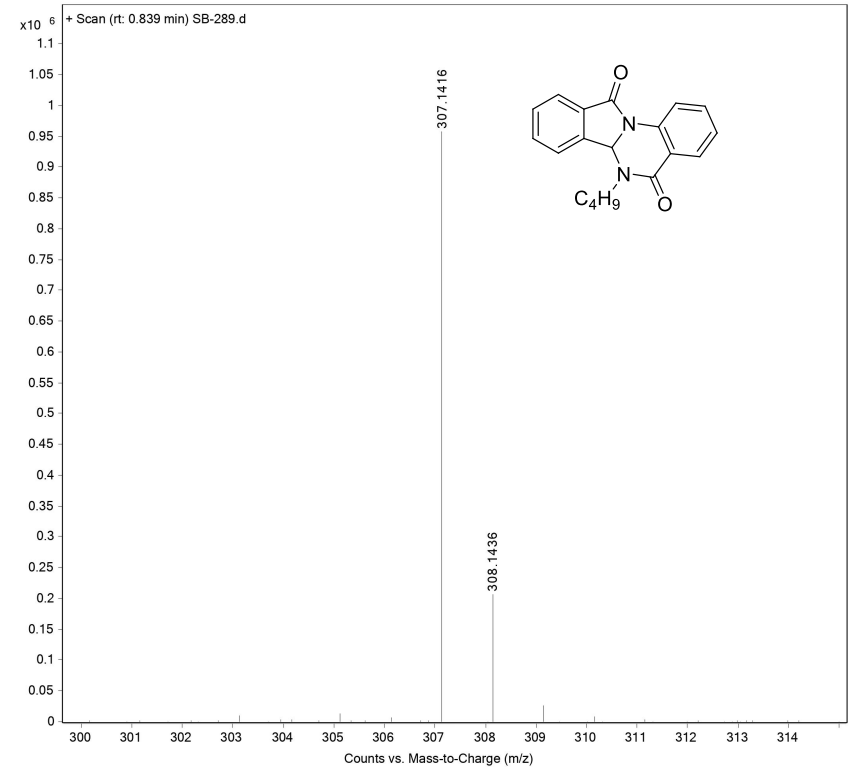
HRMS spectrum of **2x**

Sample Name	SAMPLE	**Position**	P1-C8	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-288.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	3/4/2021 12:20:07 PM (UTC+05:30)



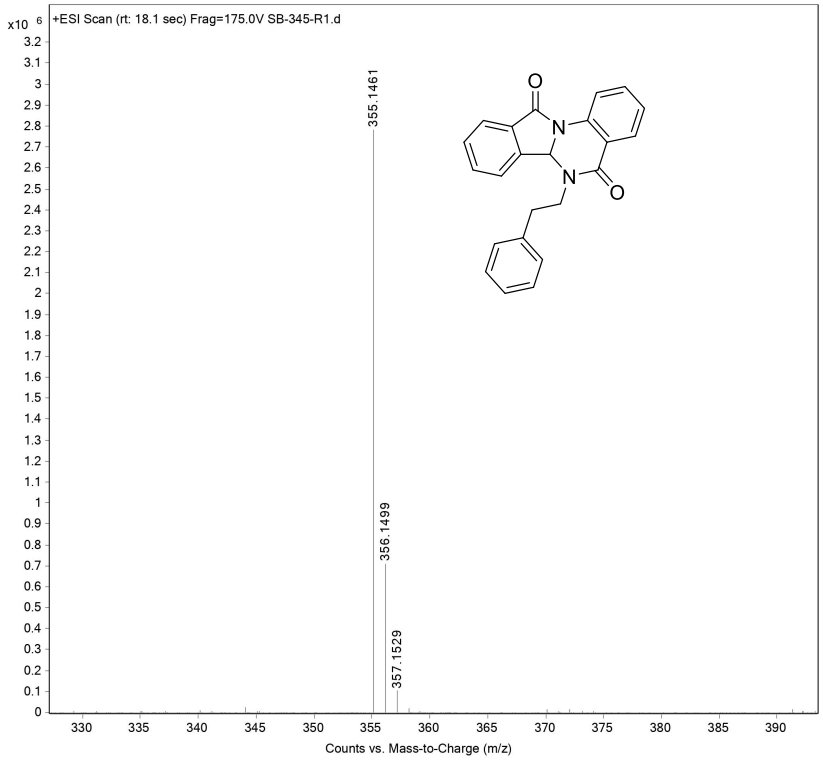
HRMS spectrum of **2y**

Sample Name	SAMPLE	**Position**	P1-C9	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-289.d
ACQ Method	ESI ALS 100-600.m	**Comment**		**Acquired Time**	3/4/2021 12:22:06 PM (UTC+05:30)



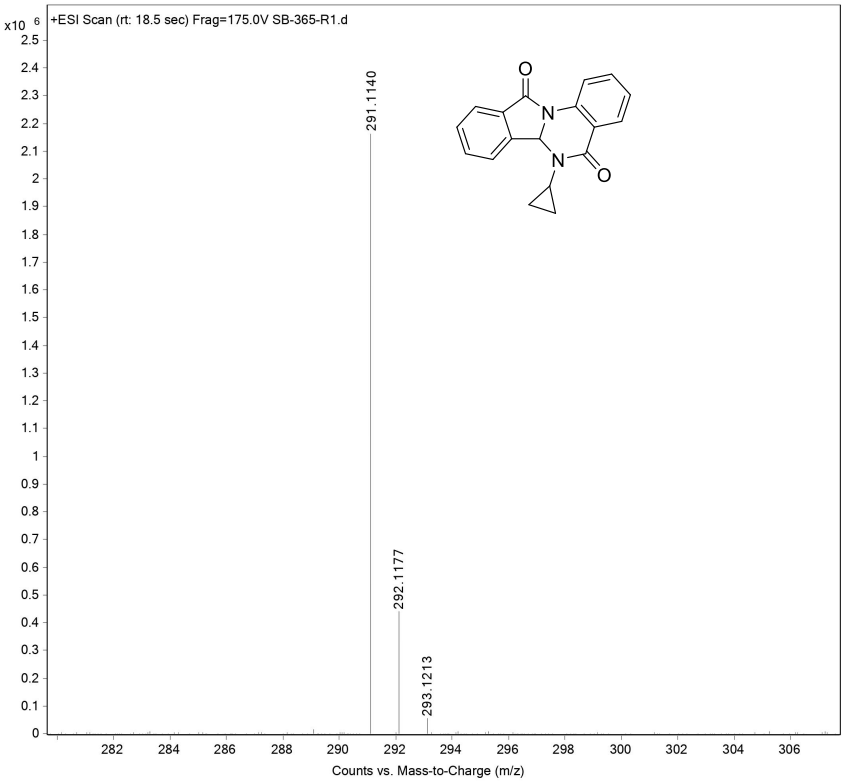
HRMS spectrum of **2z**

Sample Name	WASH	**Position**	P2-A9	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-345-R1.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	22-07-2021 16:46:04 (UTC+05:30)



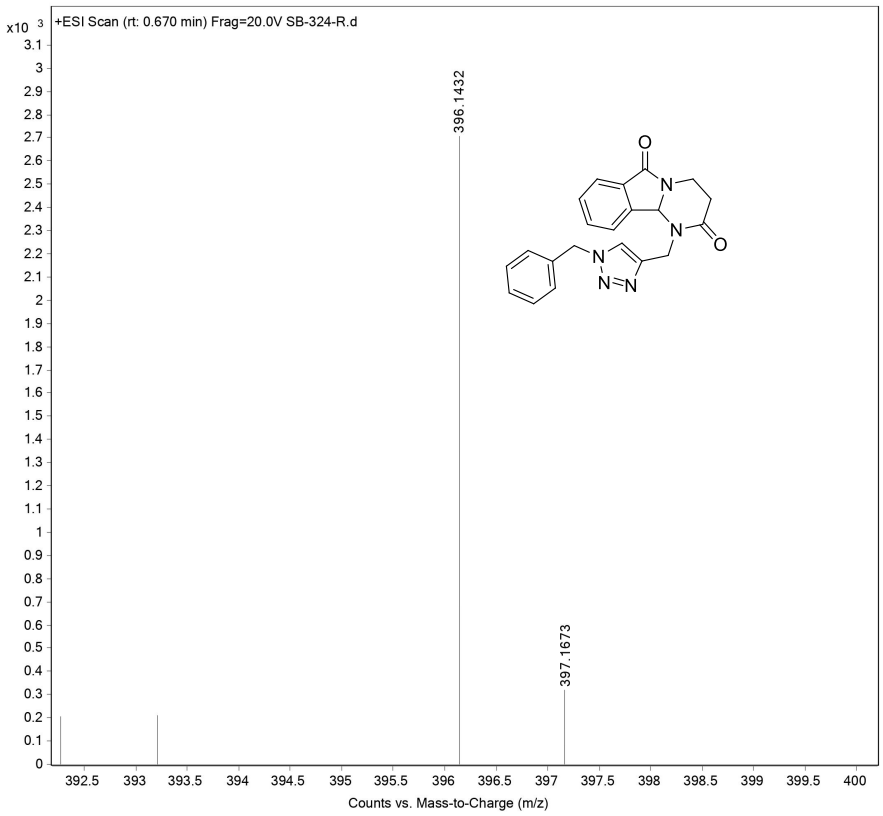
HRMS spectrum of **2aa**

Sample Name	WASH	**Position**	P2-B3	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-365-R1.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	22-07-2021 16:53:17 (UTC+05:30)



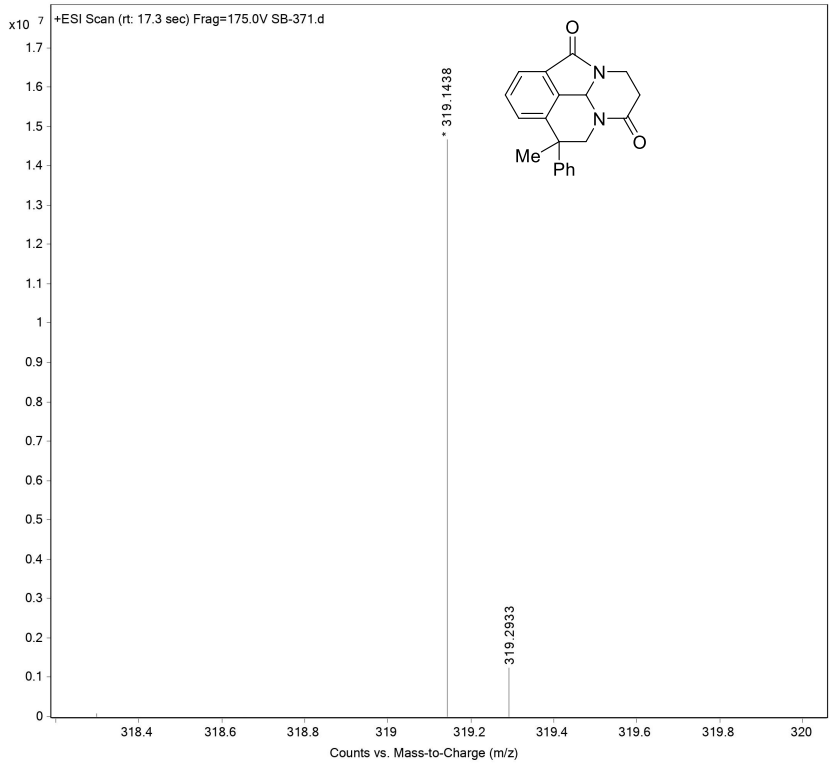
HRMS spectrum of **3a**

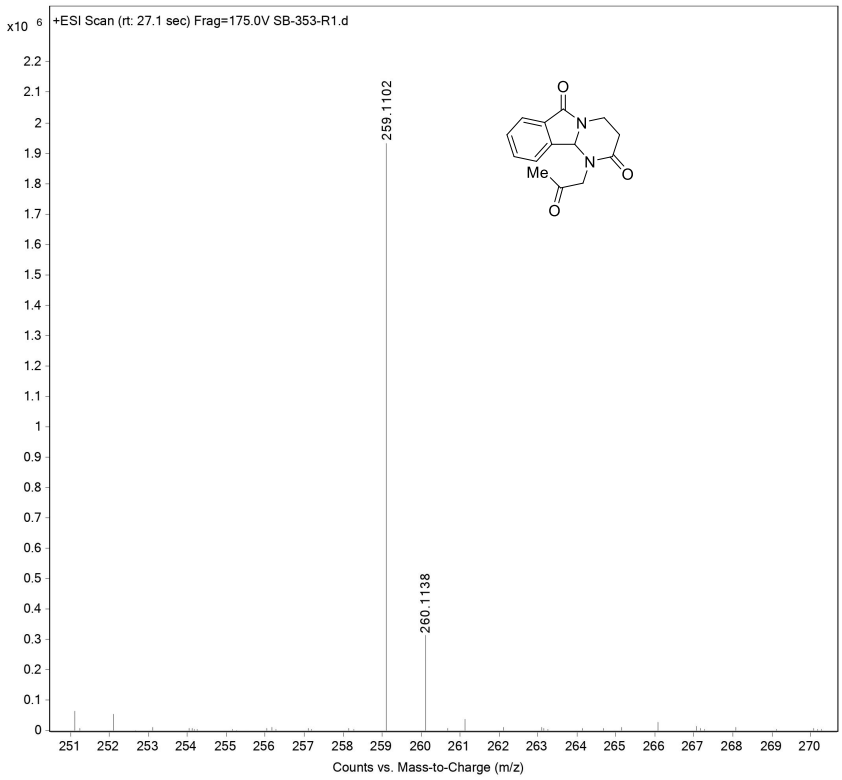
Sample Name	SAMPLE 9	**Position**	P2-A10	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-324-R.d
ACQ Method	ESI ALS 150-600.m	**Comment**		**Acquired Time**	03-05-2021 17:16:06 (UTC+05:30)



HRMS spectrum of **3b**

Sample Name	WASH	**Position**	P2-B3	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-371.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	05-08-2021 17:46:19 (UTC+05:30)



HRMS spectrum of **3c**

Sample Name	WASH	**Position**	P2-A10	**Instrument Name**	Instrument 1
User Name		**Inj Vol**	20	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	SB-353-R1.d
ACQ Method	ESI ALS 100-1000.m	**Comment**		**Acquired Time**	22-07-2021 16:47:53 (UTC+05:30)