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Supporting Information

Silver(I) Catalyzed Intramolecular Cyclization of N-(2-(alk-1-yn-1-yl))Tetrazoles leading to the formation of N-cyano-2-substituted Indoles under ambient conditions

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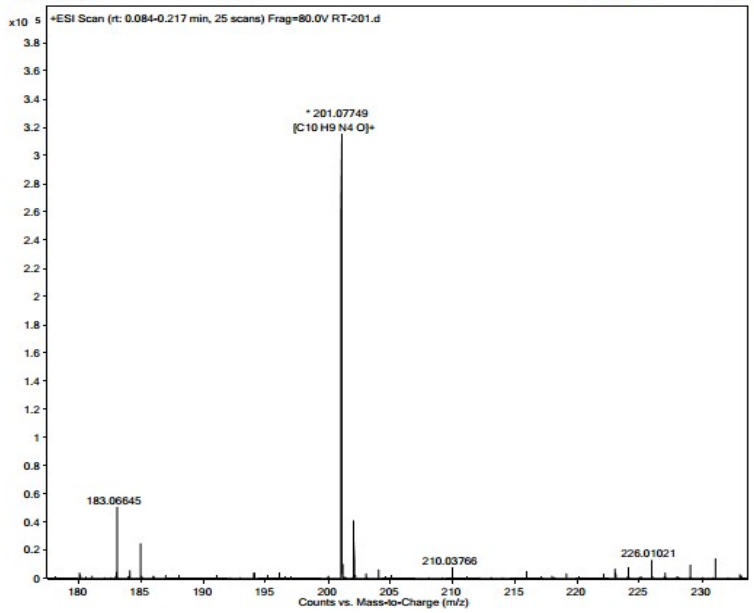
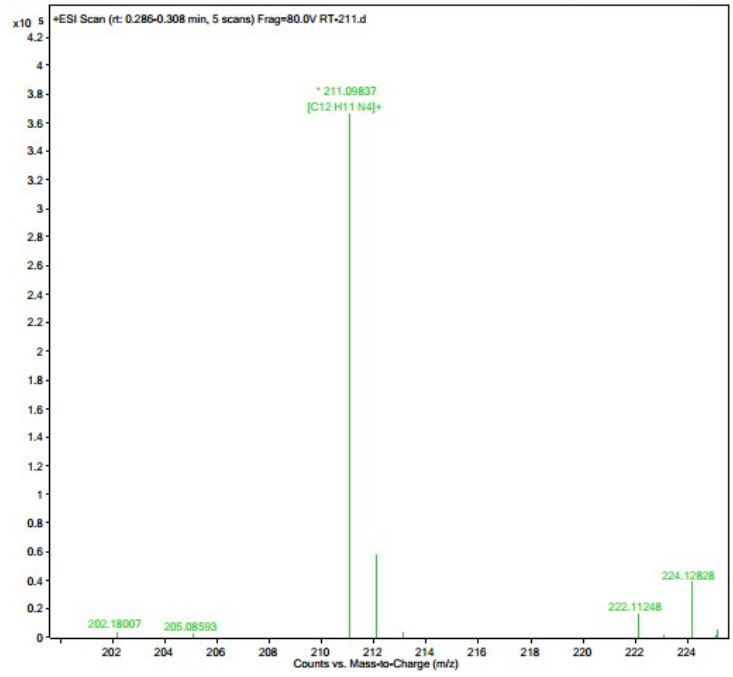
HR- ESI MASS SPECTRUM OF (3)

Sample Name	RT-201	**Position**	P1-A11	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-201.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:32:53



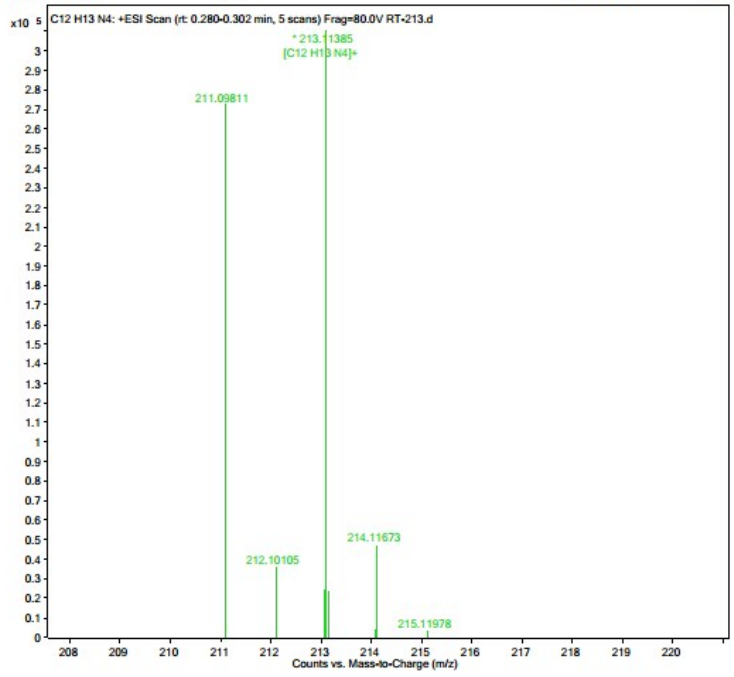
HRMS Spectrum of 3bp

Sample Name	RT-211	**Position**	P1-B7	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-211.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:48:56



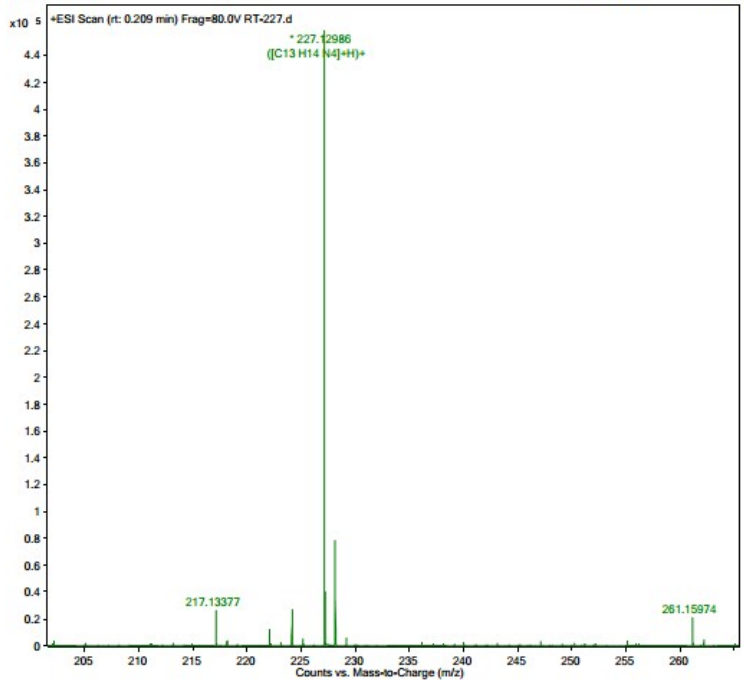
HRMS Spectrum of 3bg

Sample Name	RT-213	**Position**	P1-B2	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-213.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:38:57



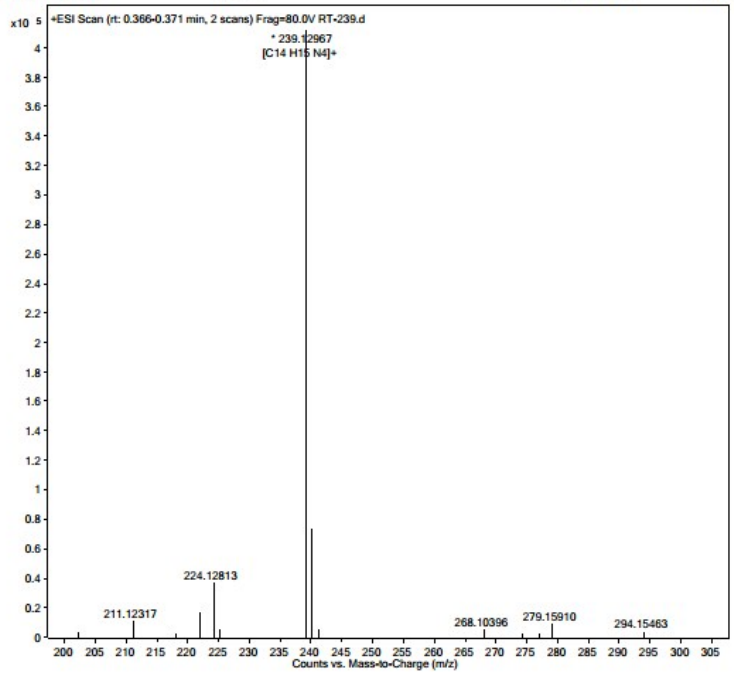
HRMS Spectrum of 3bc

Sample Name	RT-227	**Position**	P1-A6	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-227.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:22:49



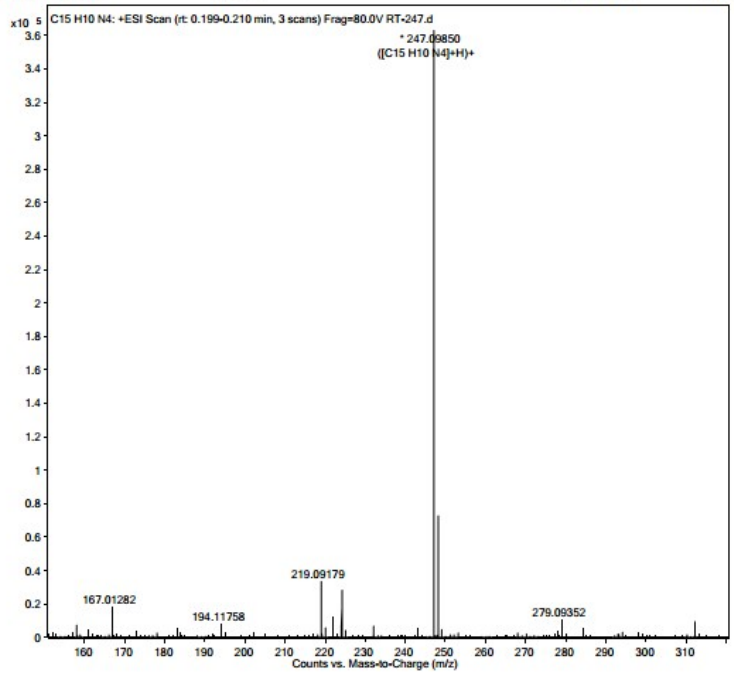
HRMS Spectrum of 3ba

Sample Name	RT-239	**Position**	P1-A10	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-239.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:30:50



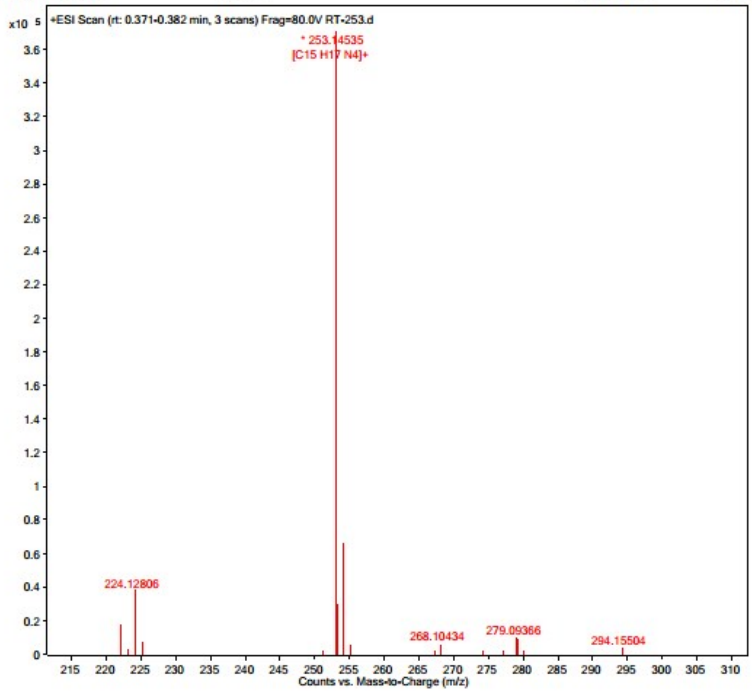
HRMS Spectrum of 3bf

Sample Name	RT-247	**Position**	P1-B5	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-247.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:44:55



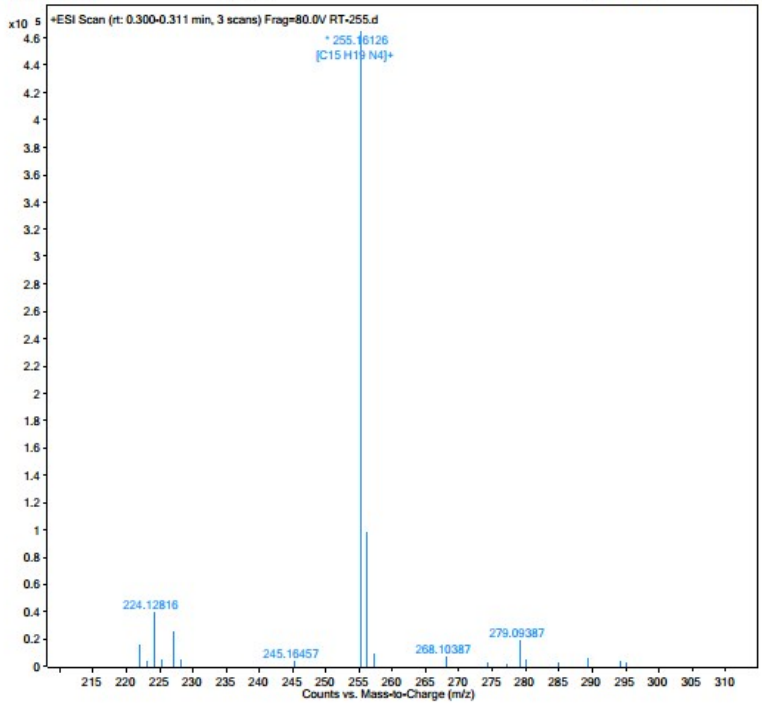
HRMS Spectrum of 3bh

Sample Name	RT-253	**Position**	P1-B3	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-253.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:40:55



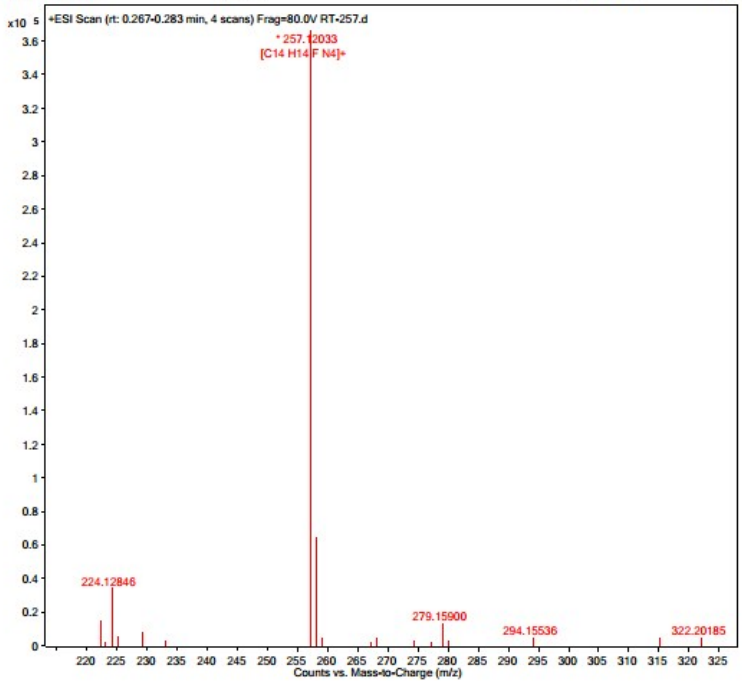
HRMS Spectrum of 3be

Sample Name	RT-255	**Position**	P1-A5	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-255.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:20:50



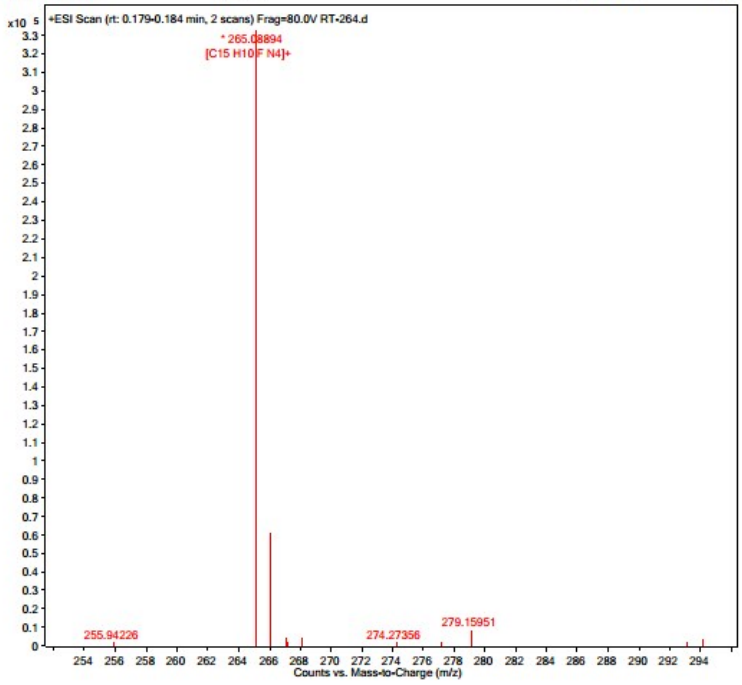
HRMS Spectrum of 3bb

Sample Name	RT-257	**Position**	P1-A8	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-257.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:26:47



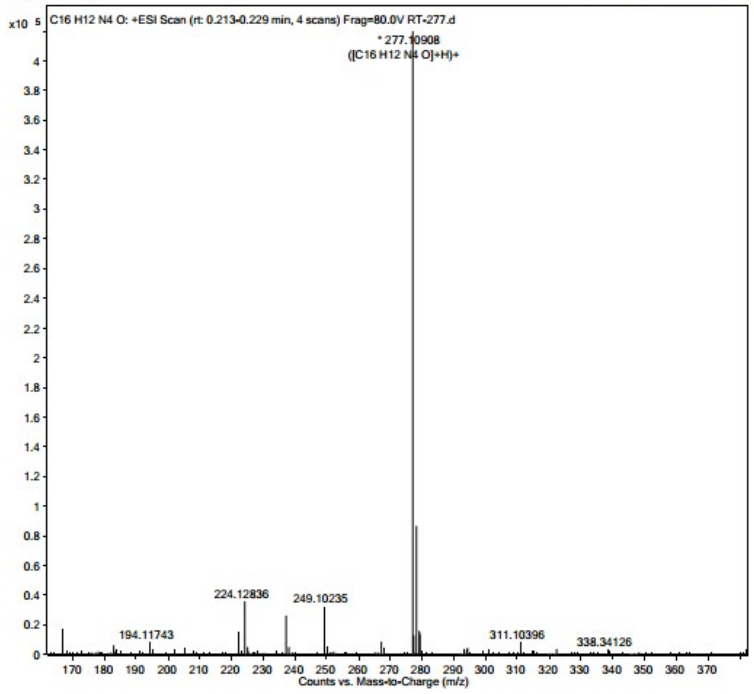
HRMS Spectrum of 3af

Sample Name	RT-264	**Position**	P1-C1	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-264.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 13:00:57



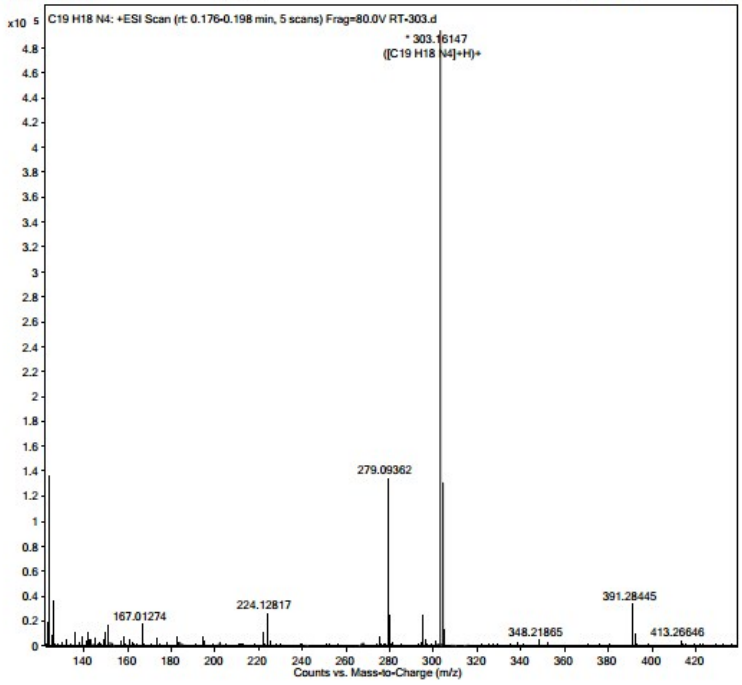
HRMS Spectrum of 3bk

Sample Name	RT-277	**Position**	P1-B1	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-277.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:36:57



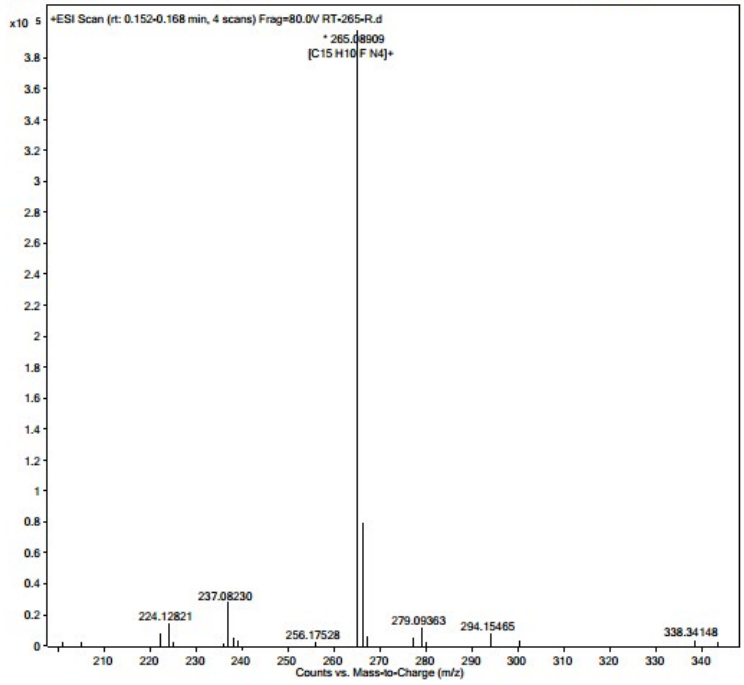
HRMS Spectrum of 3bn

Sample Name	RT-303	**Position**	P1-B9	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-303.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:54:55



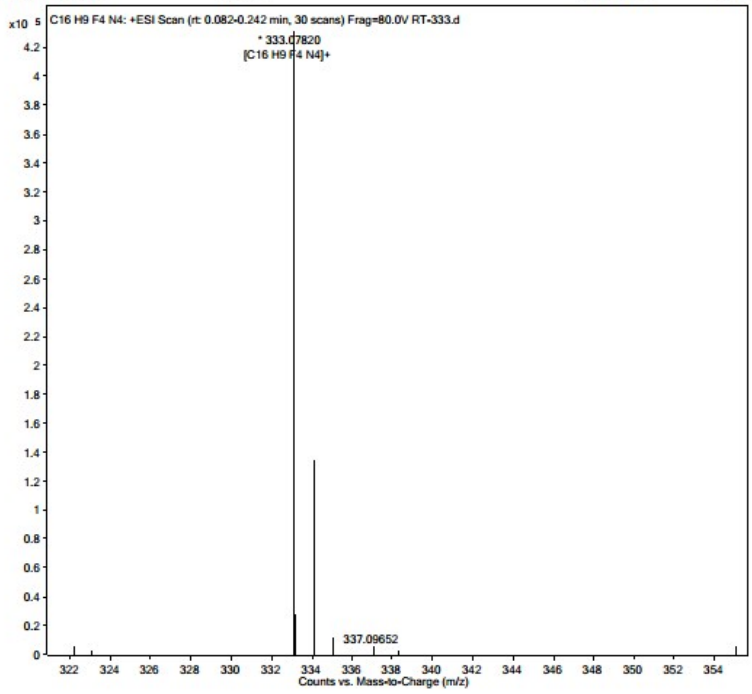
HRMS Spectrum of 3bi

Sample Name	RT-265-R	**Position**	P1-B8	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-265-R.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:52:55

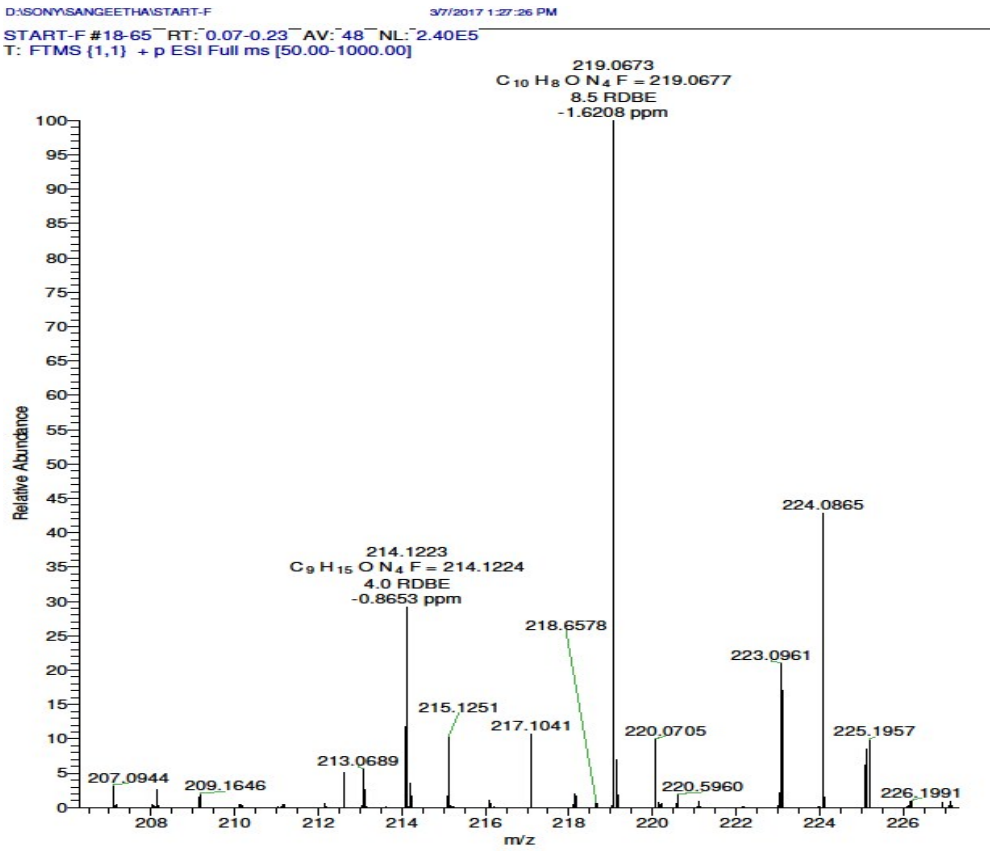


HRMS Spectrum of 3ah

Sample Name	RT-333	**Position**	P1-A9	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.025	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-333.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	21-03-2017 12:28:48

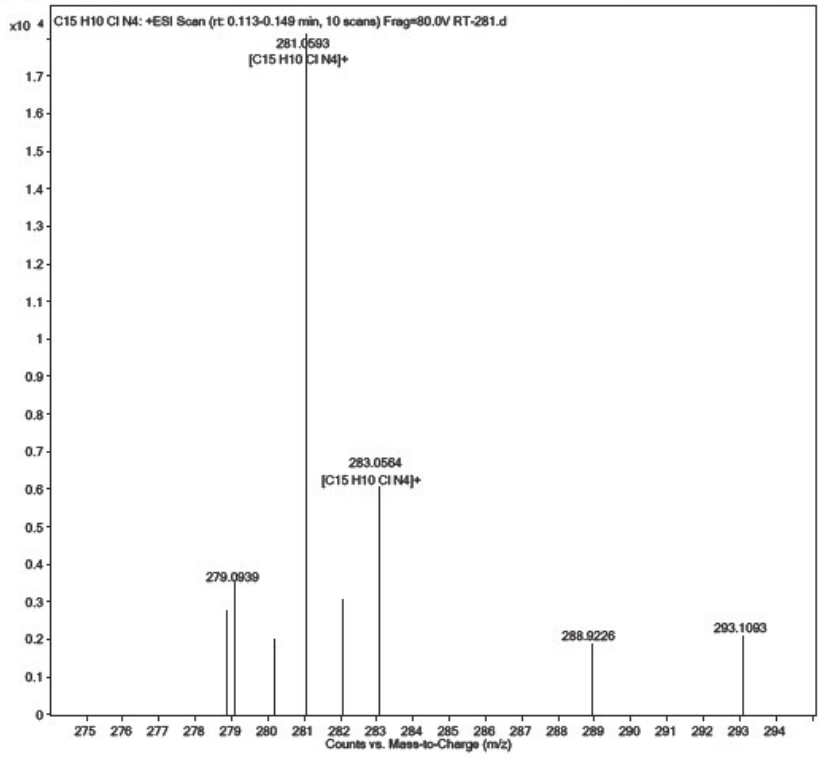


HRMS Spectrum of 3al

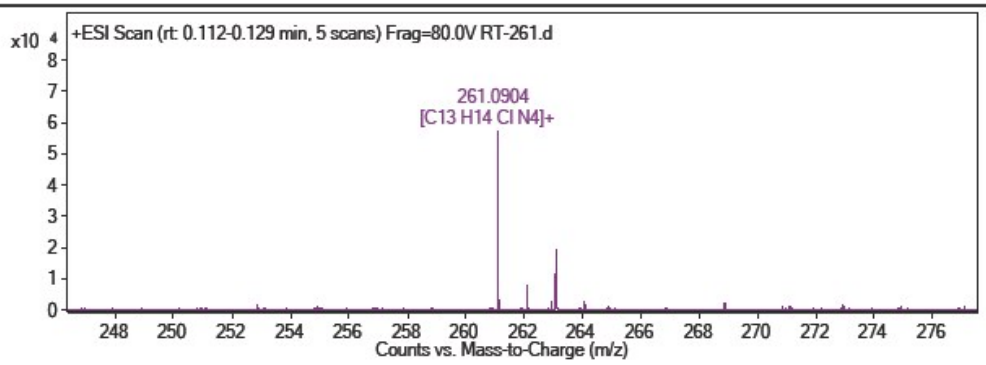


HRMS Spectrum of 3ap

Sample Name	RT-281	**Position**	P2-E2	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.1	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-281.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	06-04-2017 14:02:25

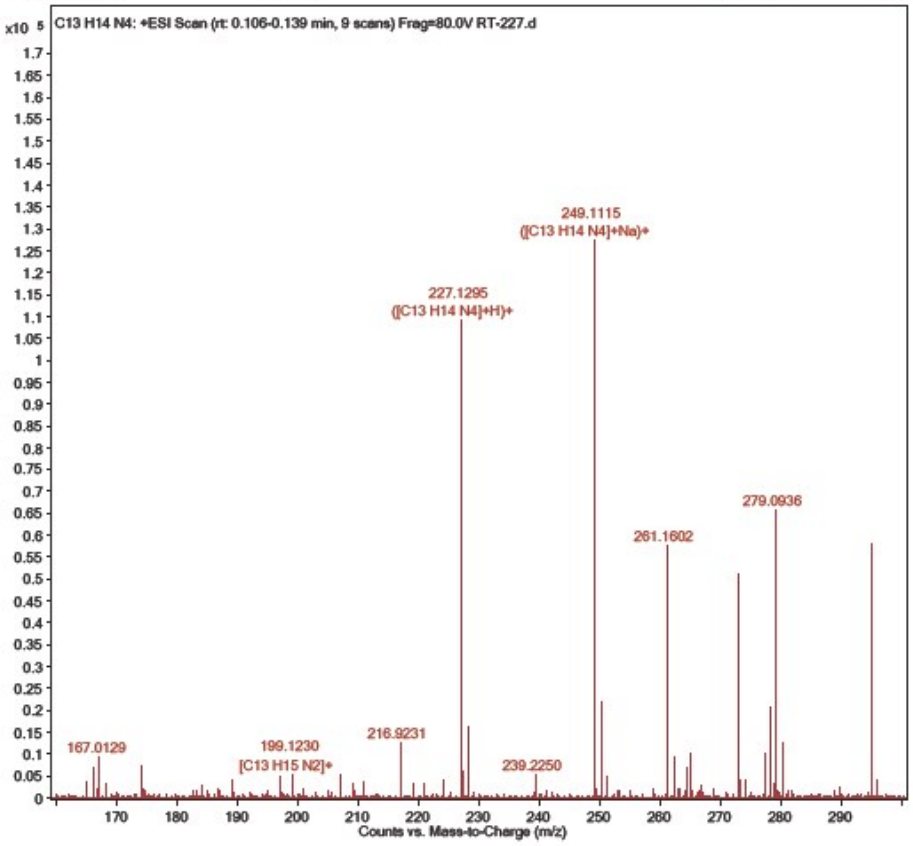


HRMS Spectrum of 3eh



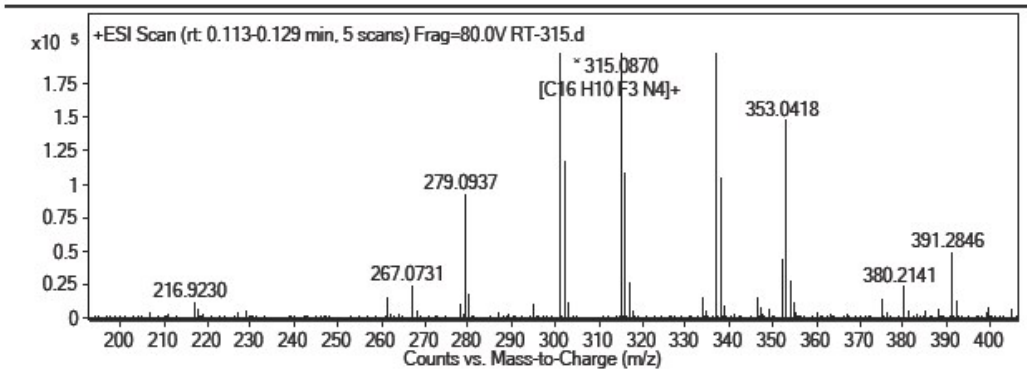
HRMS Spectrum of 3ea

Sample Name	RT-227	**Position**	P2-E3	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.1	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-227.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	06-04-2017 14:04:26



HRMS Spectrum of 3ba

Qualitative Plot Window Report



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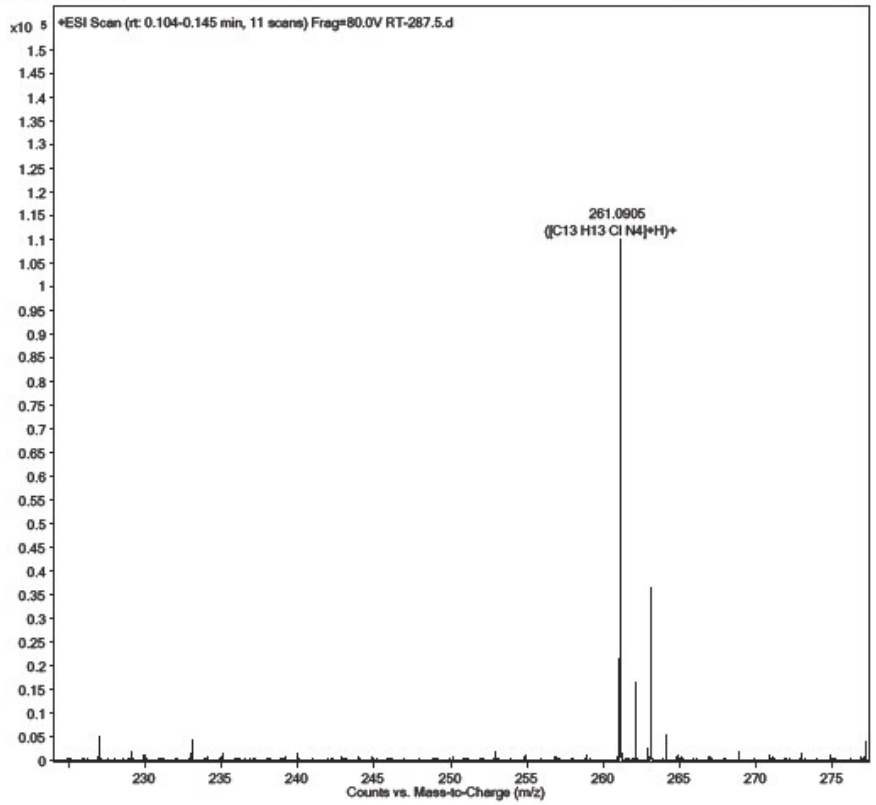
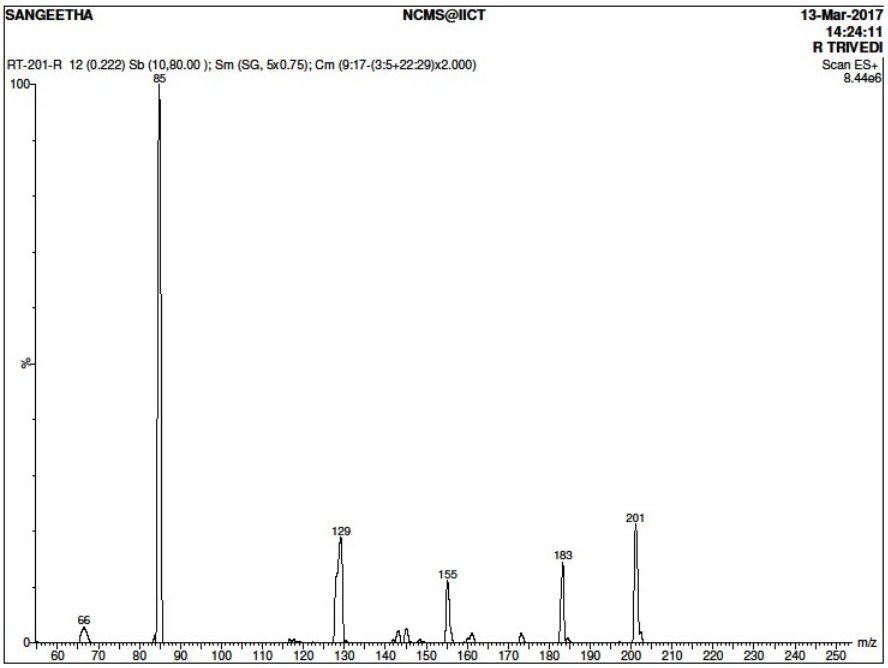
Printed at 5:14 PM on 10-Apr-2017

HRMS Spectrum of 3bl

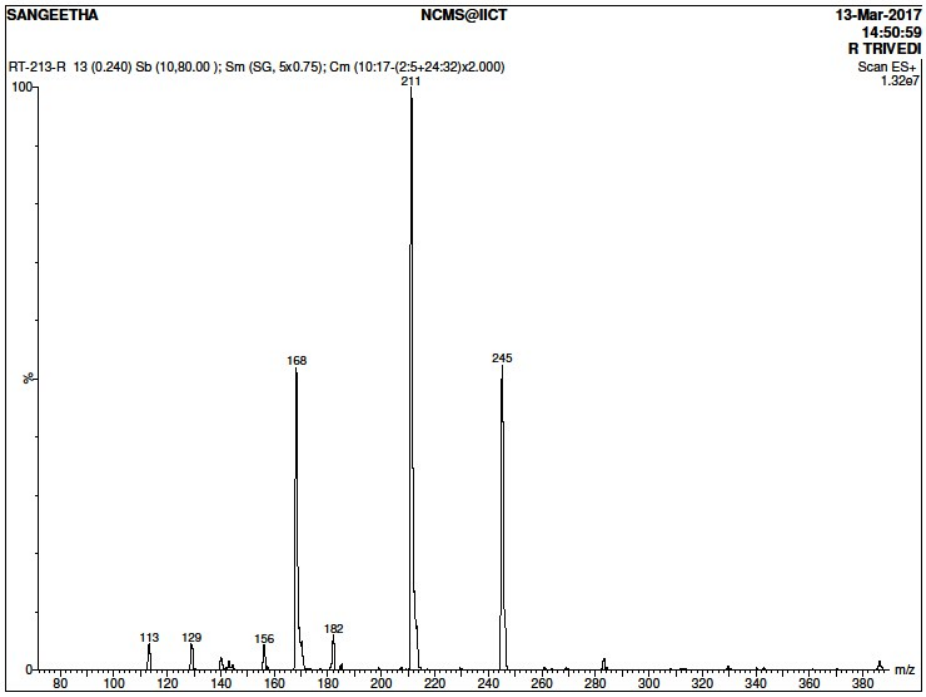
Sample Name	RT-287.5	**Position**	P2-D9	**Instrument Name**	ACMS LC QTOF
User Name	LCMSQTOF-PC\Analyst	**Inj Vol**	0.1	**InjPosition**	
Sample Type	Sample	**IRM Calibration Status**	Success	**Data Filename**	RT-287.5.d
ACQ Method	SONY-AG-FS-21-03-2017.m	**Comment**		**Acquired Time**	06-04-2017 13:54:17



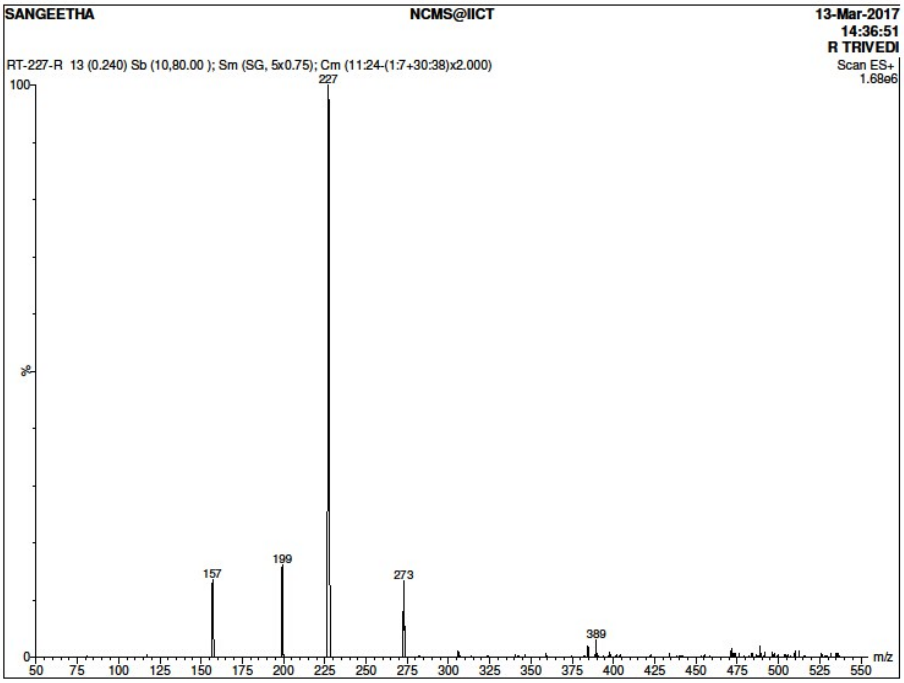
HRMS Spectrum of 3ch



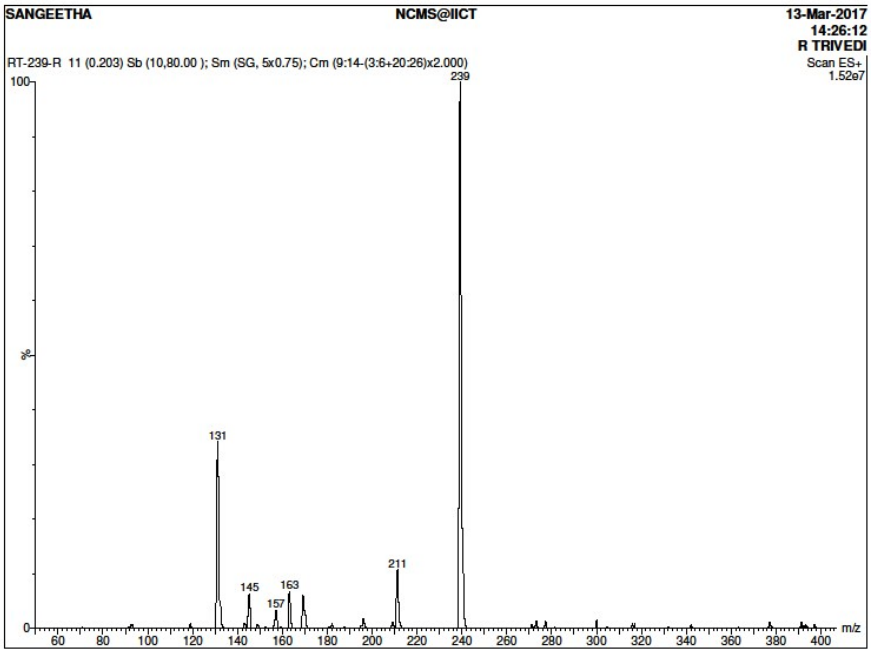
ESI/ MS Spectrum of 3bp



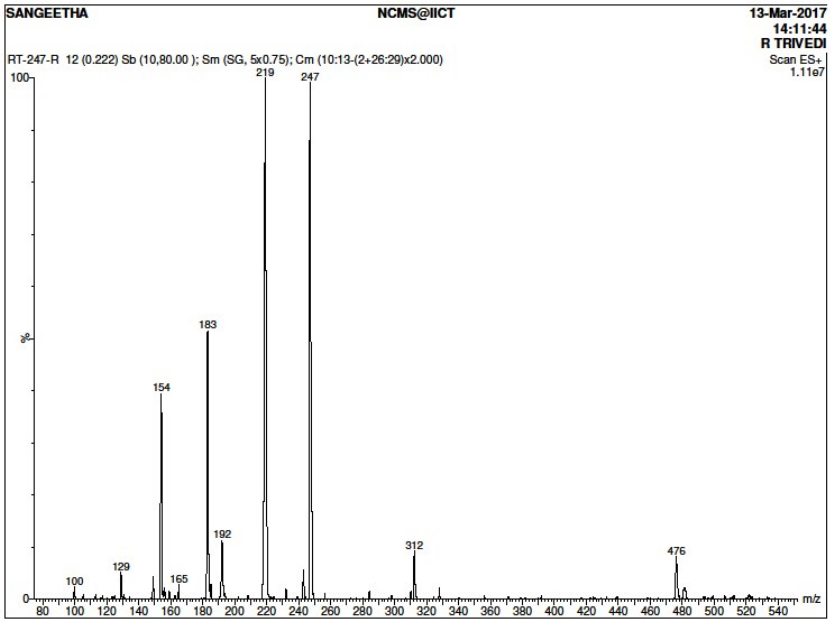
ESI/ MS Spectrum of 3aa



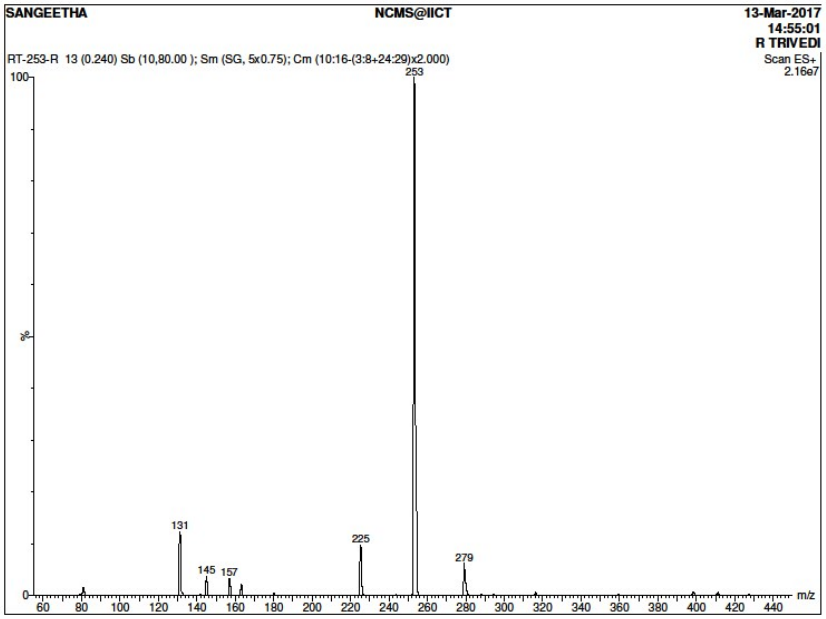
ESI/ MS Spectrum of 3ba



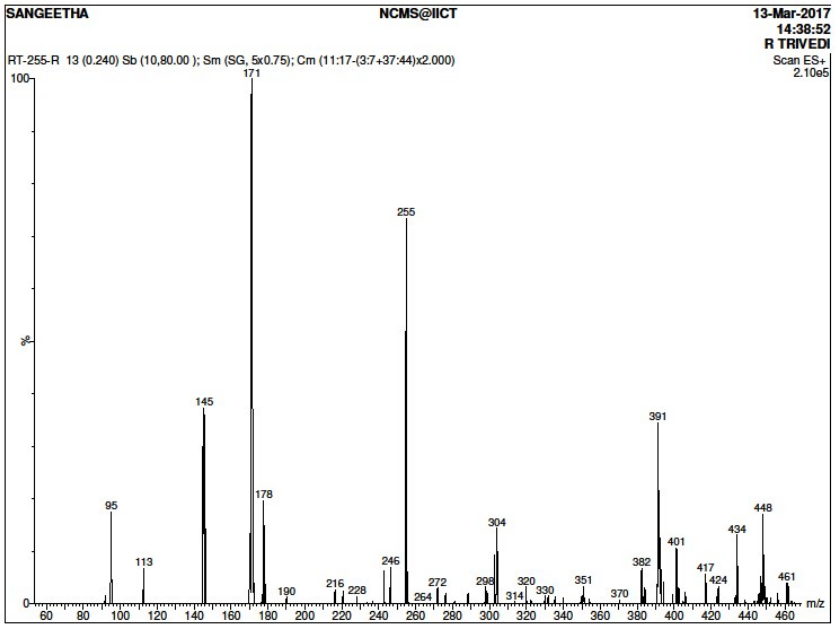
ESI/ MS Spectrum of 3bf



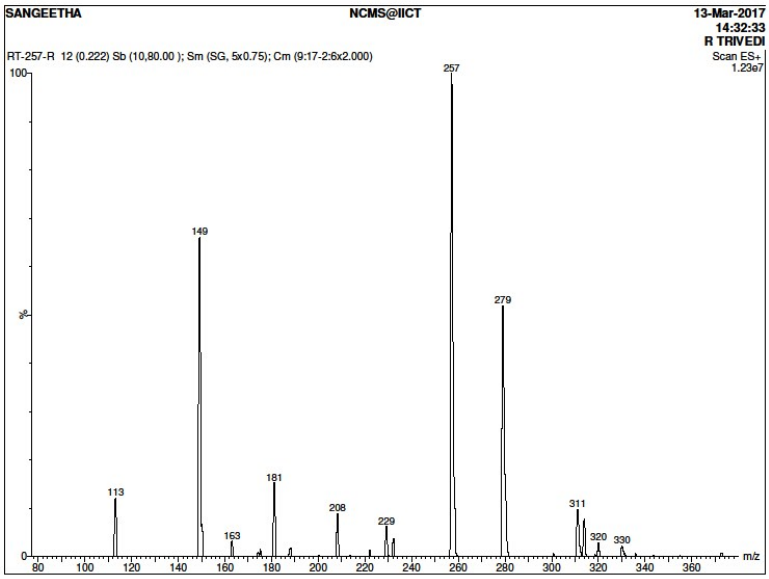
ESI/ MS Spectrum of 3bh



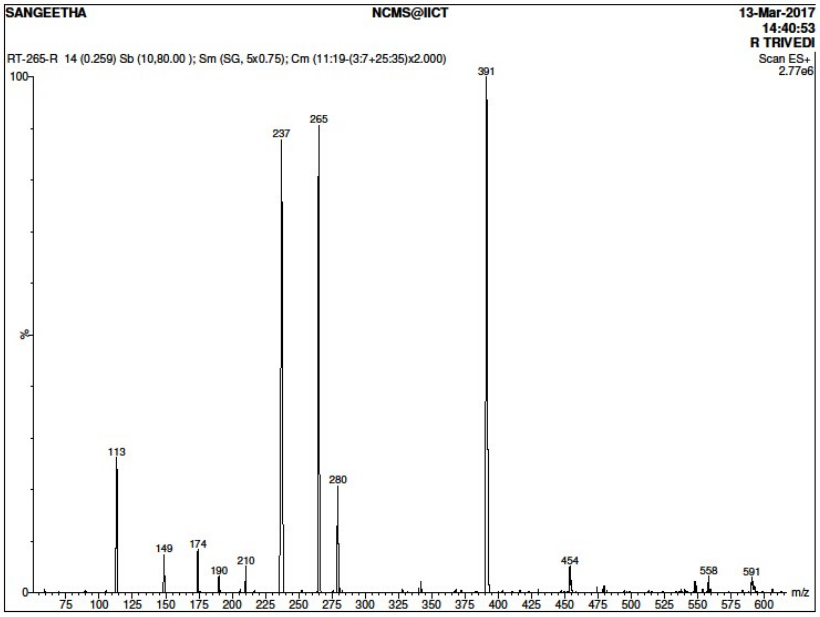
ESI/ MS Spectrum of 3be



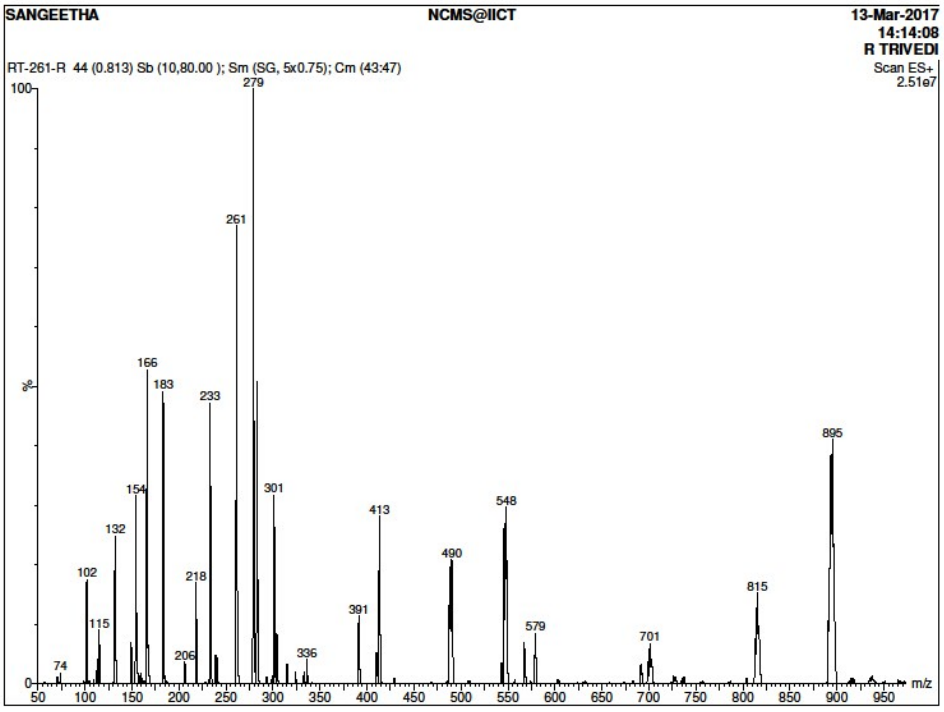
ESI/ MS Spectrum of 3bb



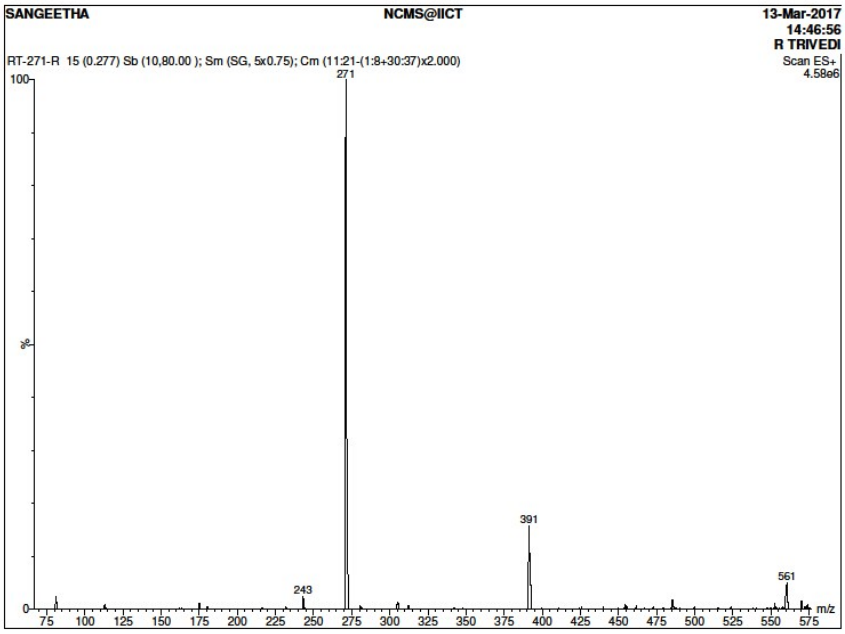
ESI/ MS Spectrum of 3af



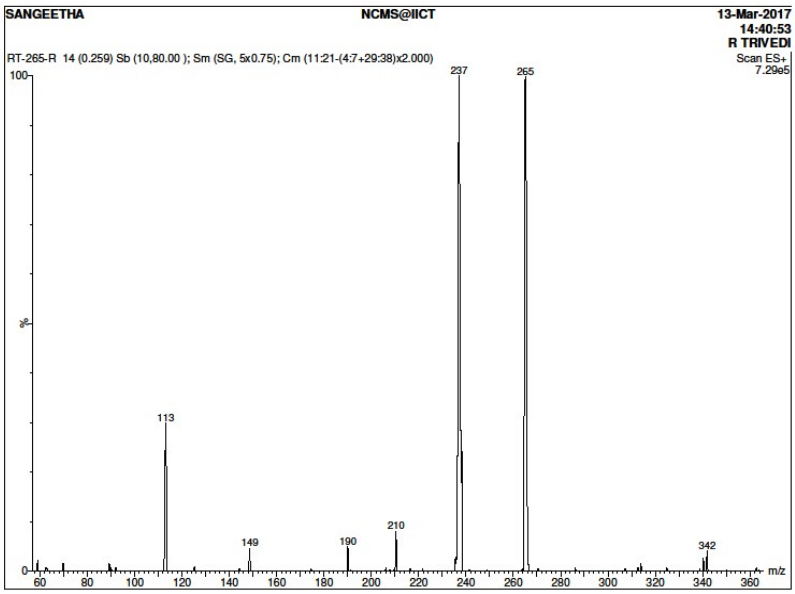
ESI/ MS Spectrum of 3bk



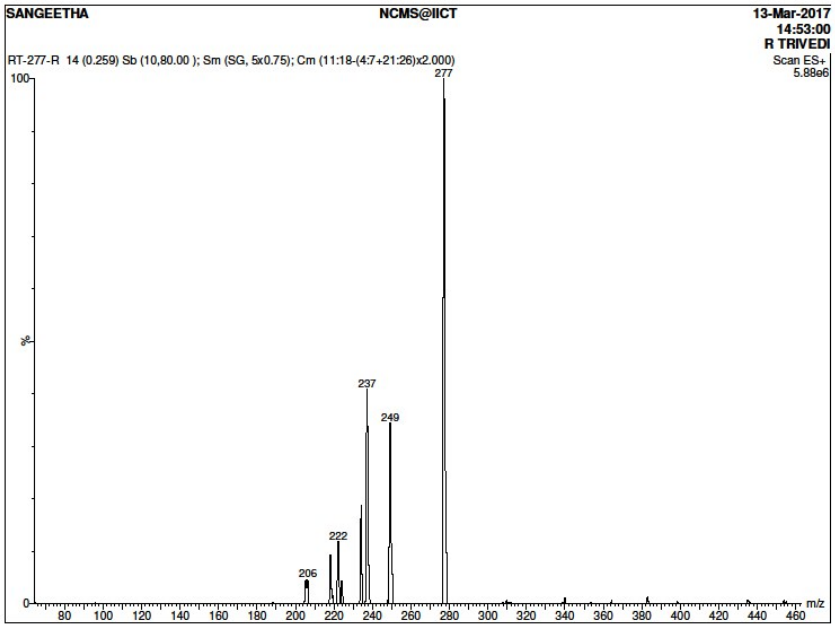
ESI/ MS Spectrum of 3ch



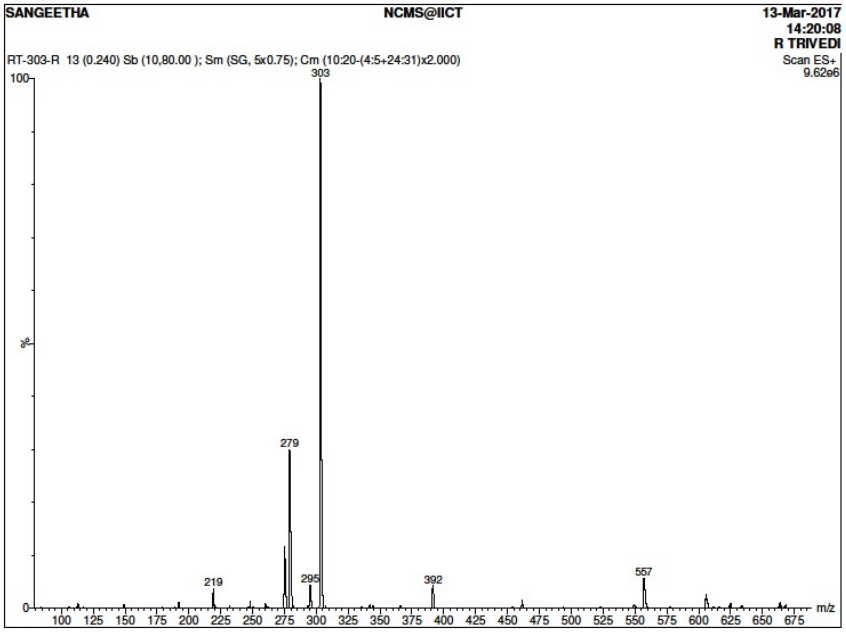
ESI/ MS Spectrum of 3ae



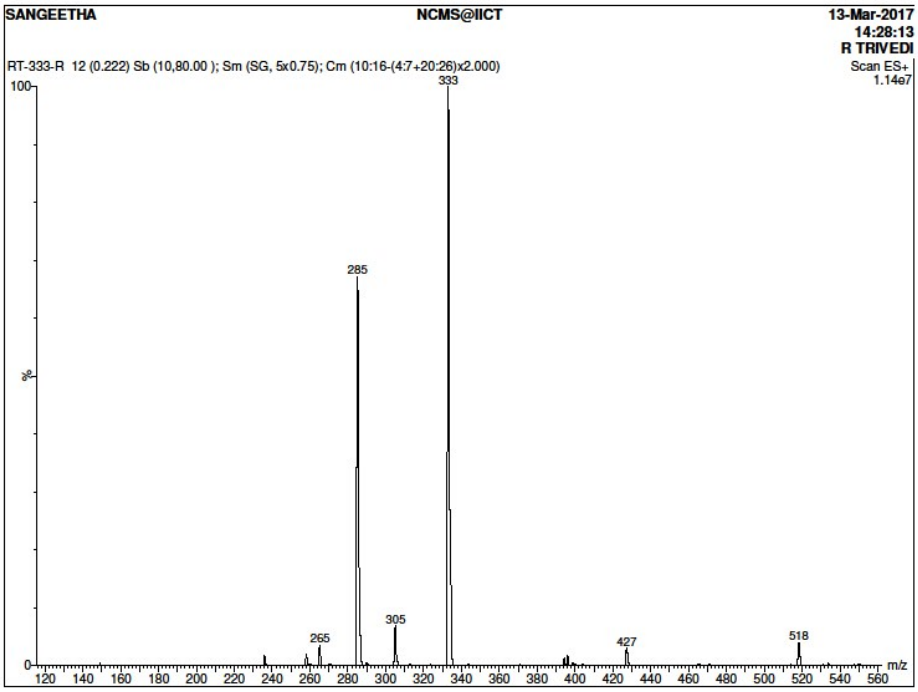
ESI/ MS Spectrum of 3ah



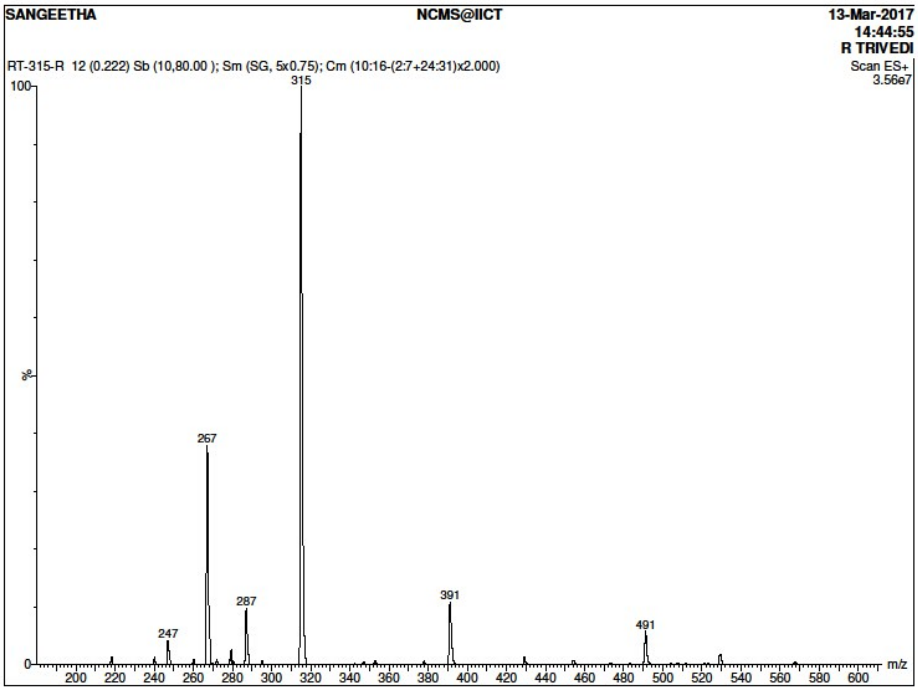
ESI/ MS Spectrum of 3bn



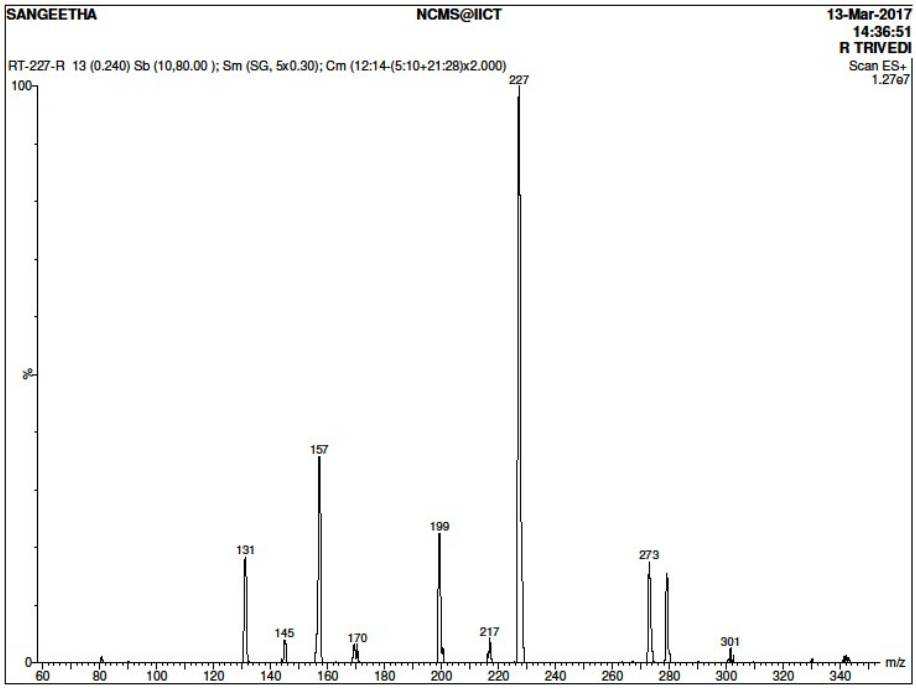
ESI/ MS Spectrum of 3bi



ESI/ MS Spectrum of 3al



ESI/ MS Spectrum of 3bl



ESI/ MS Spectrum of 3cd