

Double Functionalization of 2-Amino-2'-hydroxy-1,1'-biaryls: Synthesis of 4-Nitro-dibenzofurans and Benzofuro-indoles

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Content

HRMS spectra of substrates for **1** and **2**, nitrodibenzofurans **2**
terphenyl-2-ol **4**, benzo-furo-indoles **5**, aminodibenzofurans **6**

S1-S47

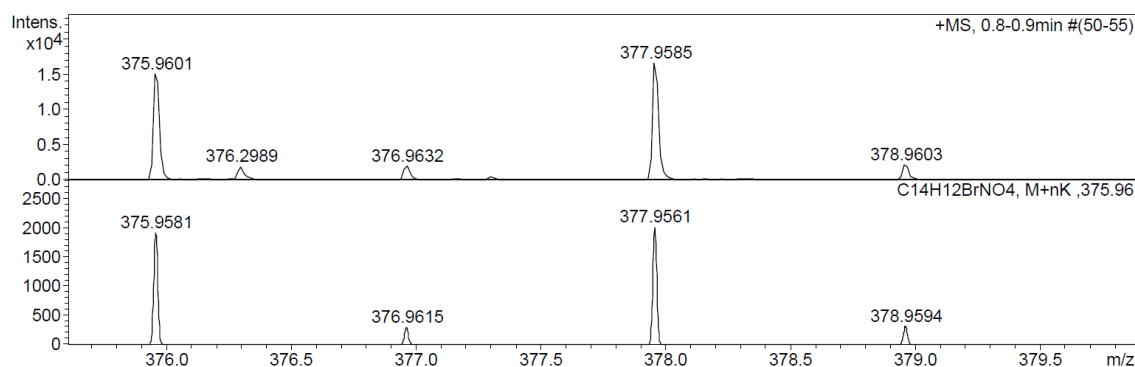
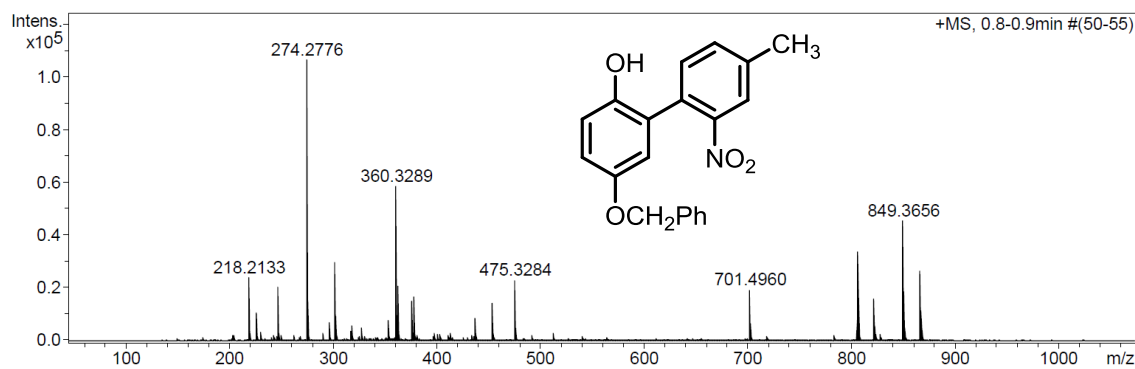
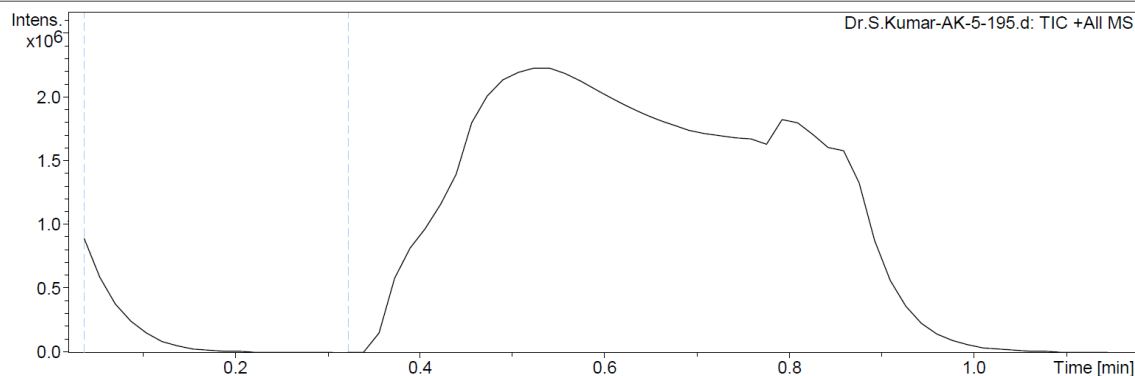
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Method	HRLCMS-20 Sept.m	Operator	RUCHI
Sample Name	AK-5-195	Instrument	microTOF-Q II 10330
Comment			

Acquisition Parameter

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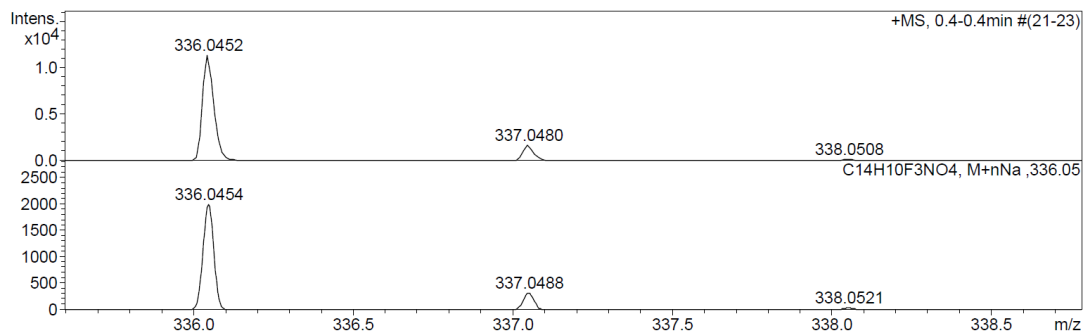
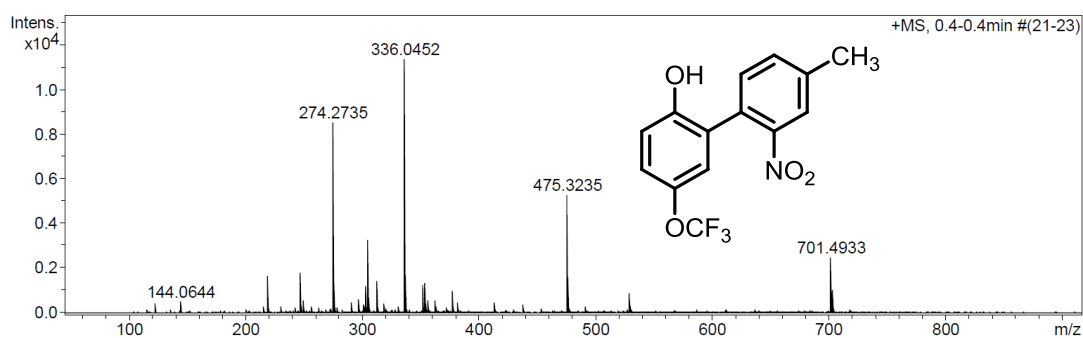
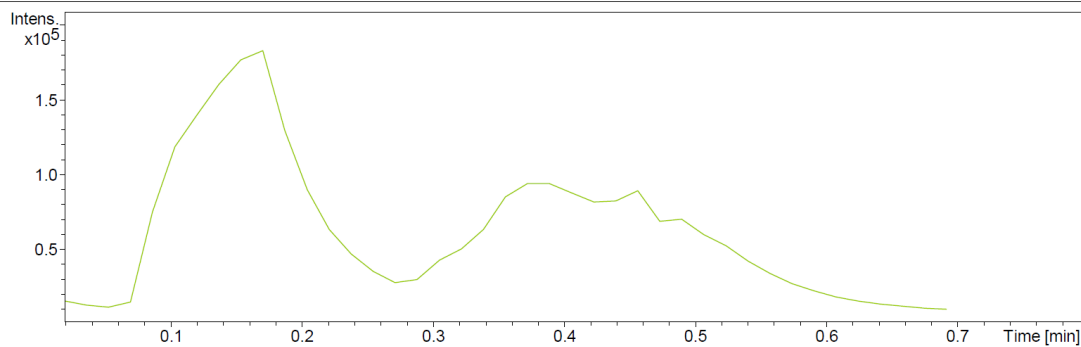
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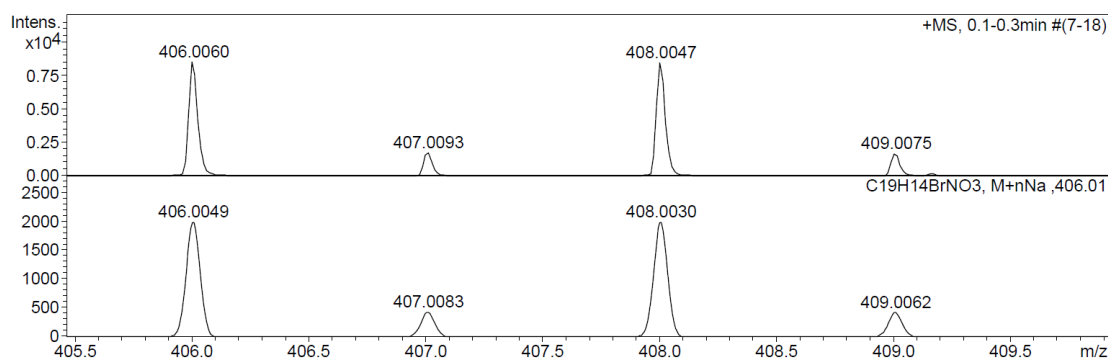
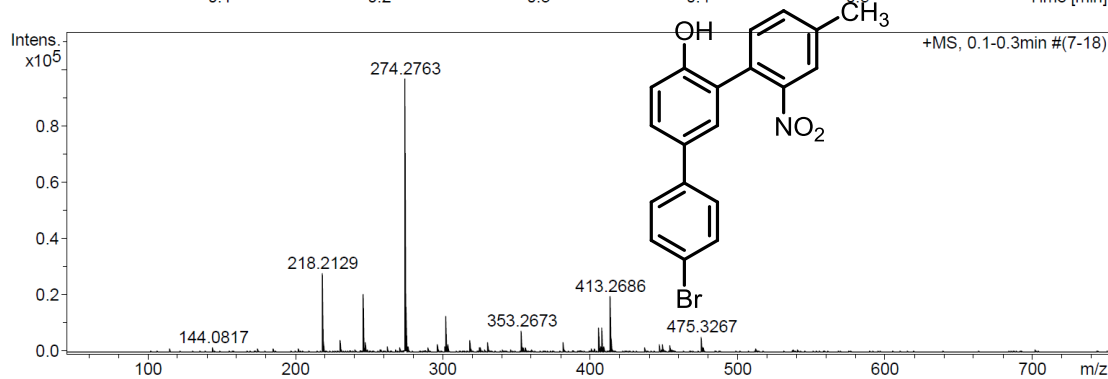
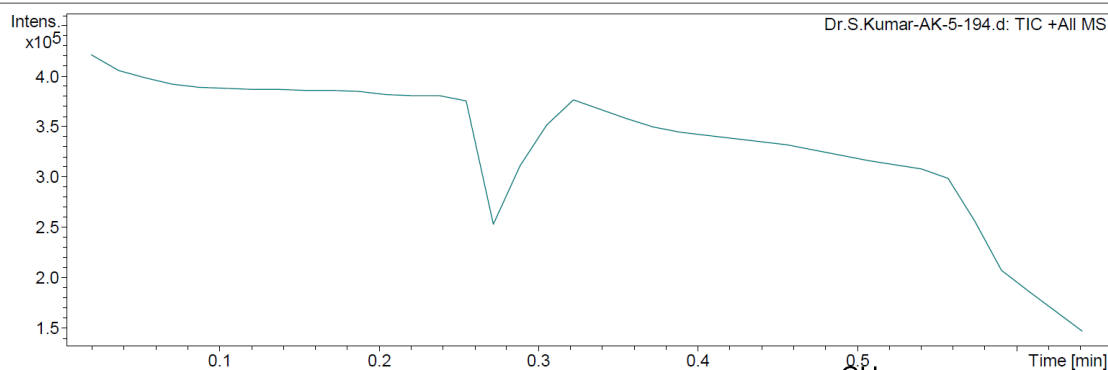
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Acquisition Date 11/24/2014 5:02:58 AM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

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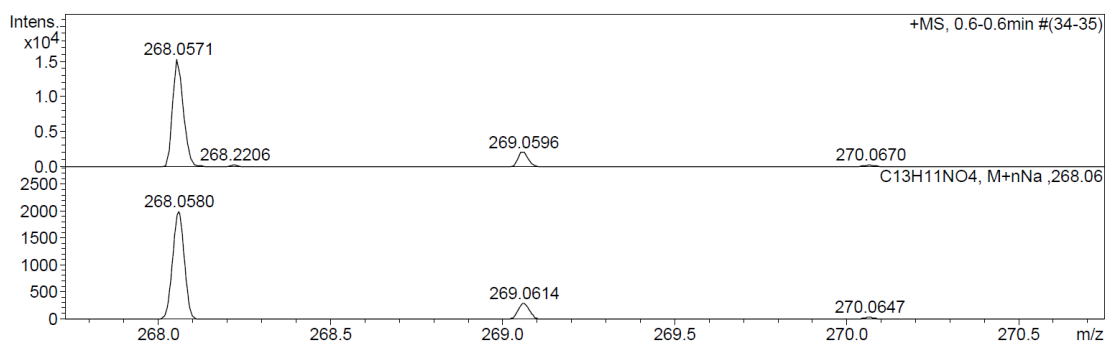
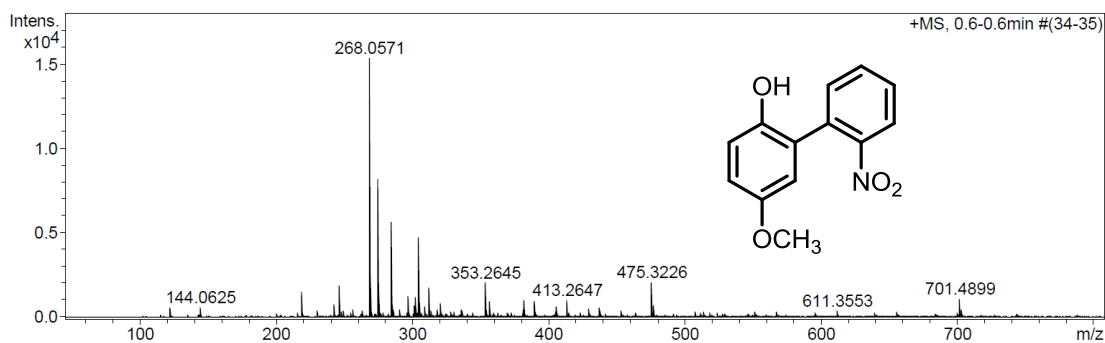
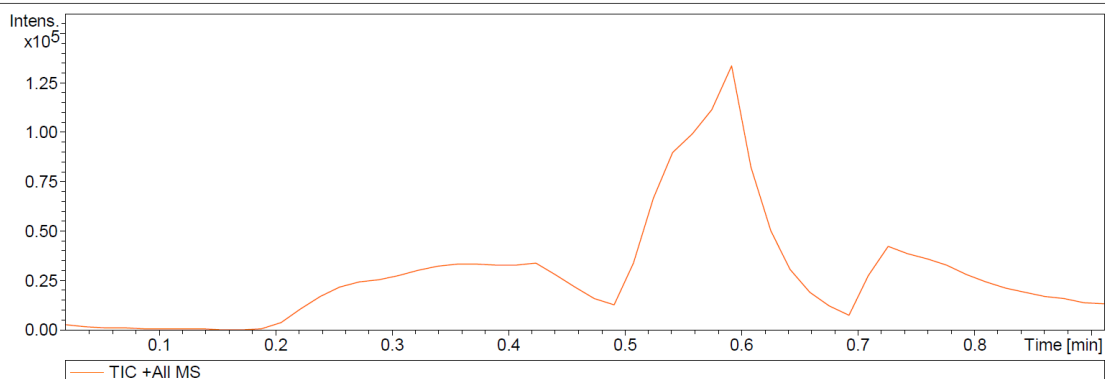
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Comment			

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Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



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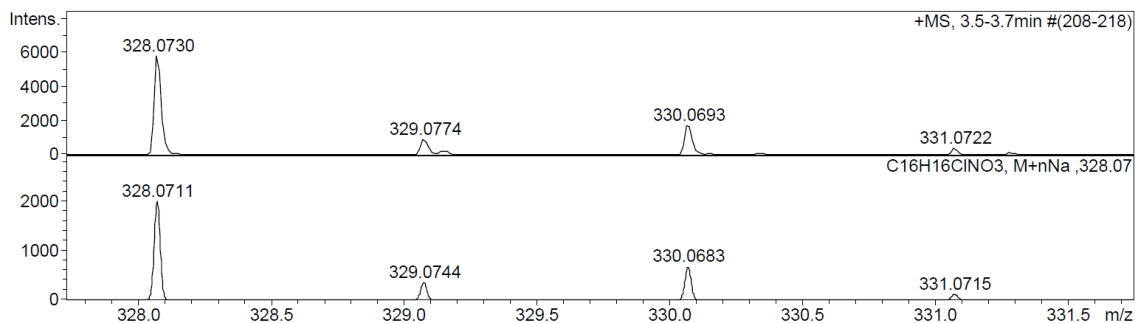
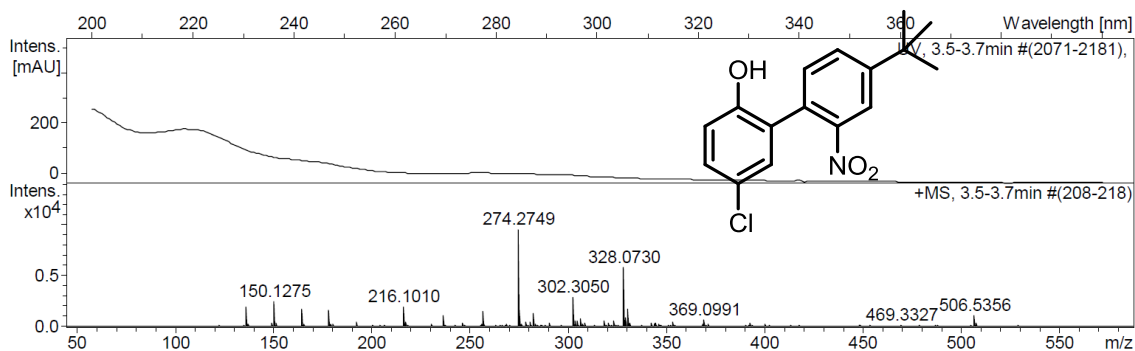
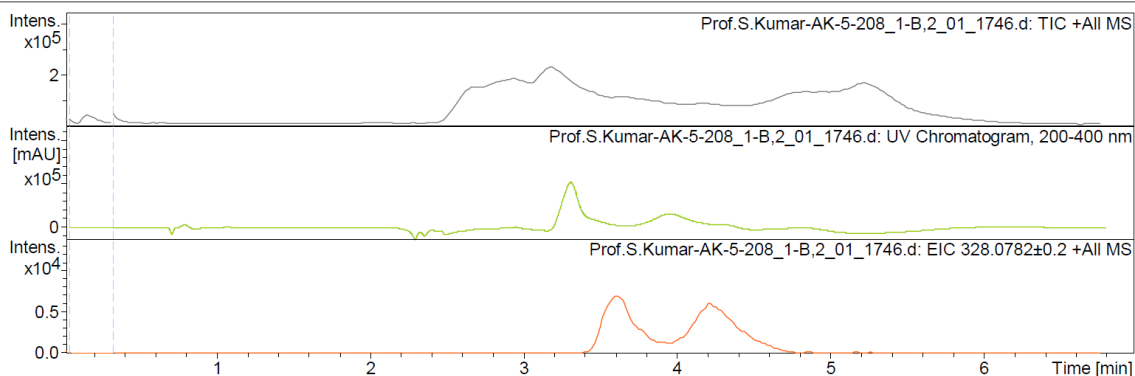
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Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
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Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



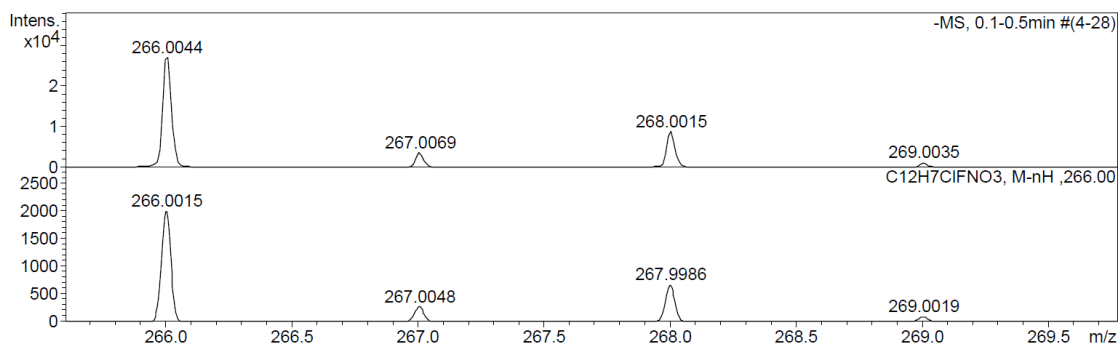
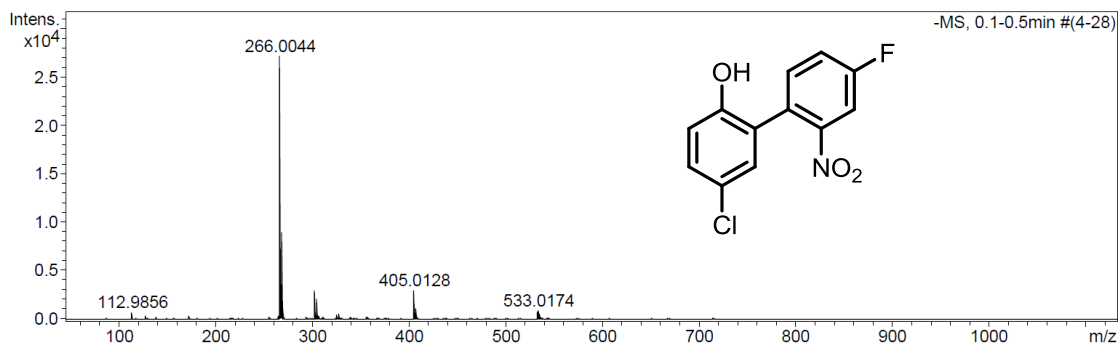
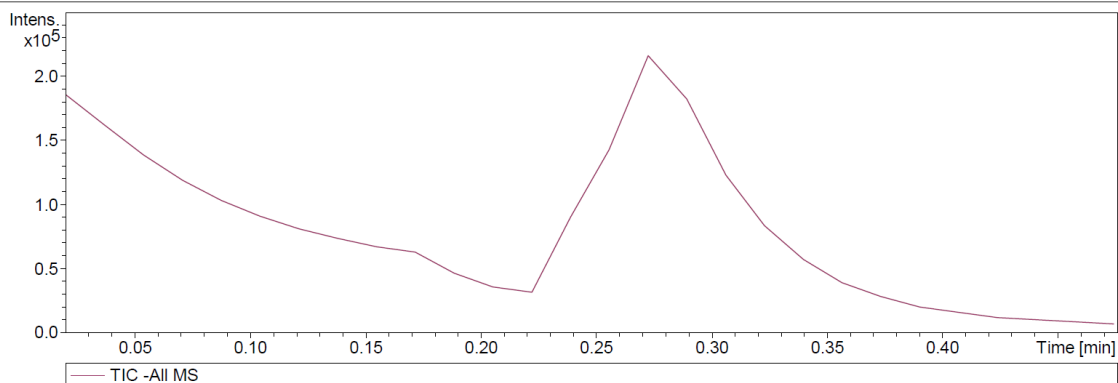
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Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	0.4 Bar
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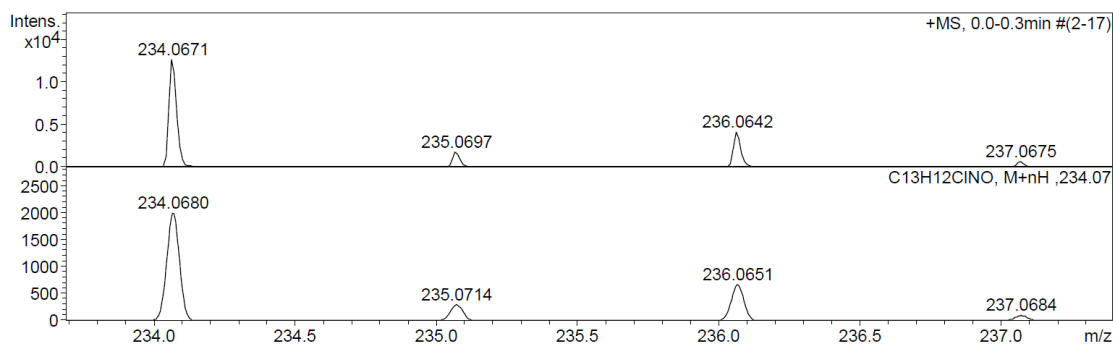
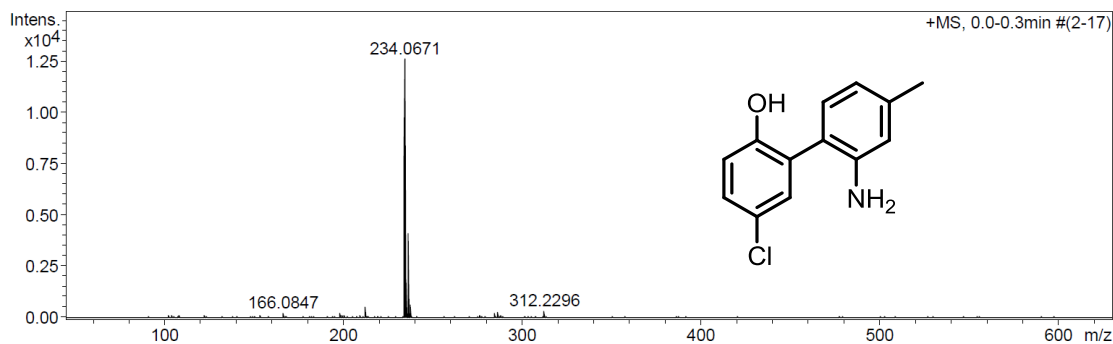
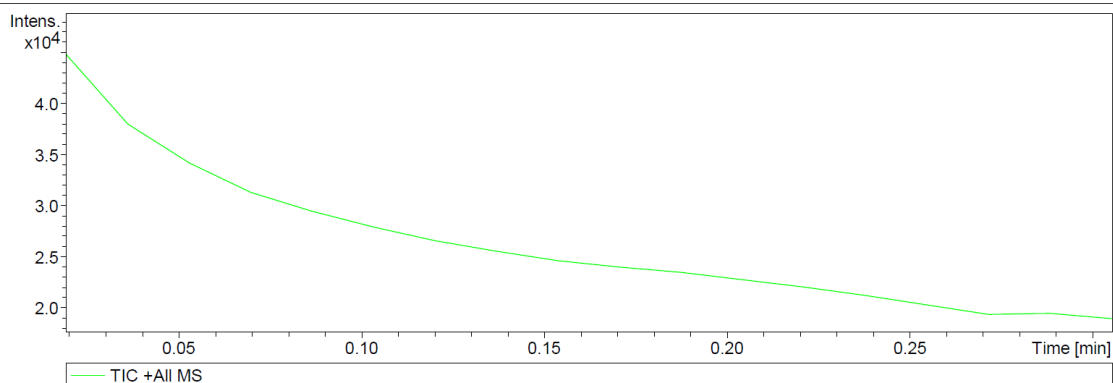
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Acquisition Date 1/6/2014 1:08:36 PM
Operator Amit
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
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Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



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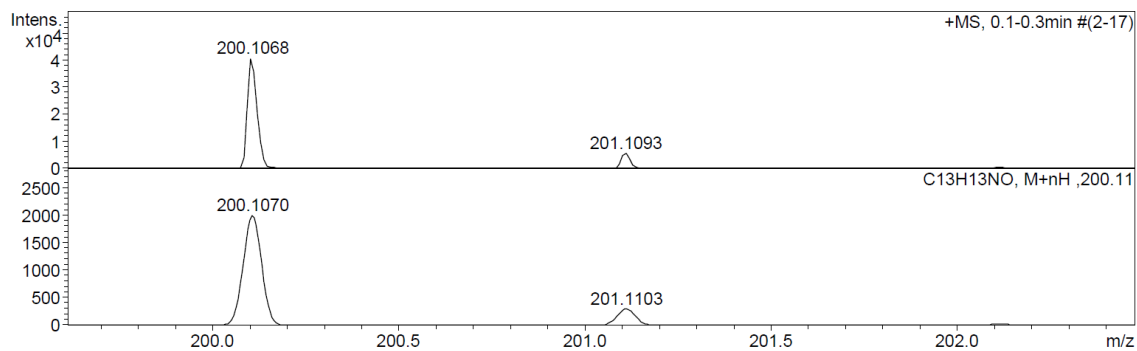
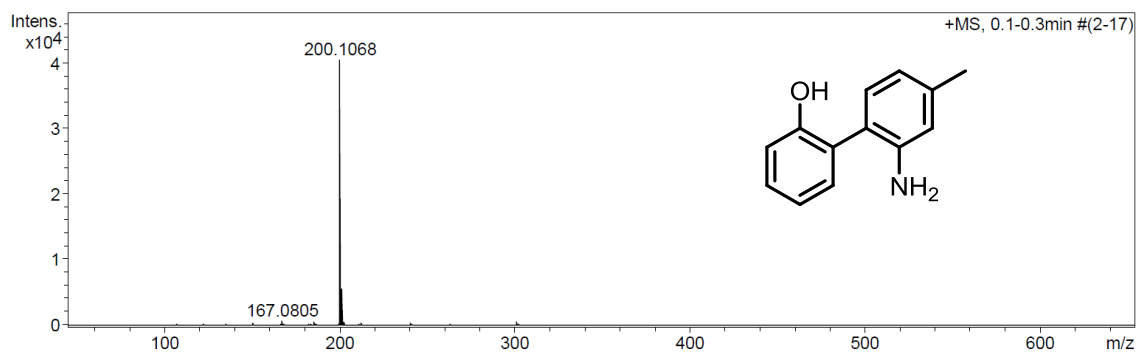
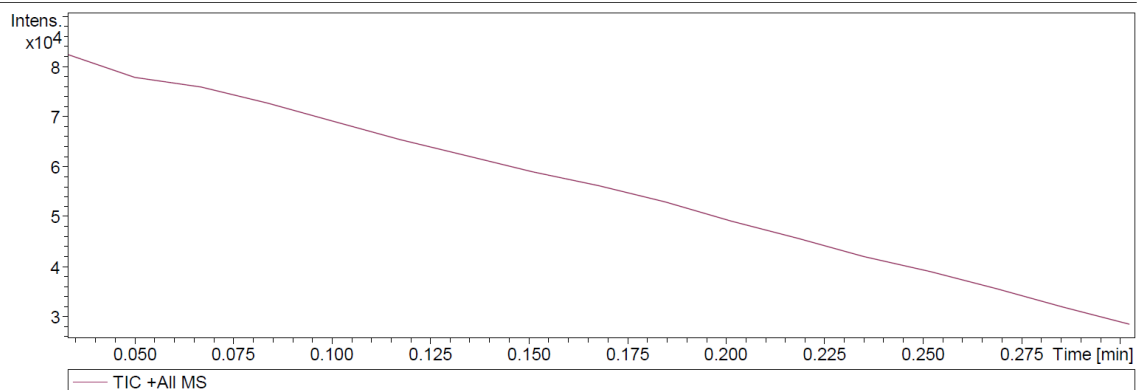
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Operator Amit
Instrument microTOF-Q II 10330

Acquisition Parameter

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Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



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Sample Name Dr.S.Kumar-MS-330
Comment

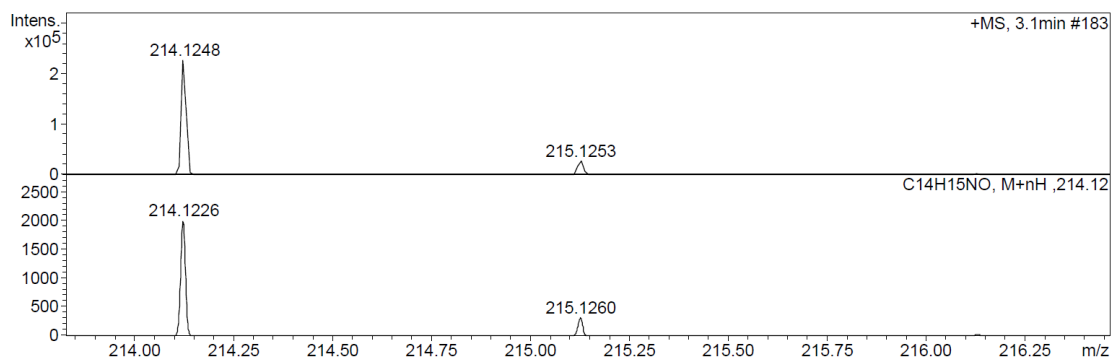
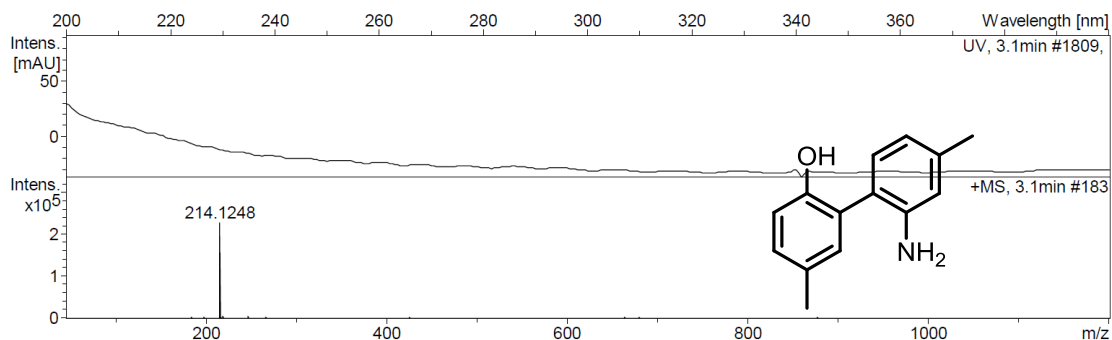
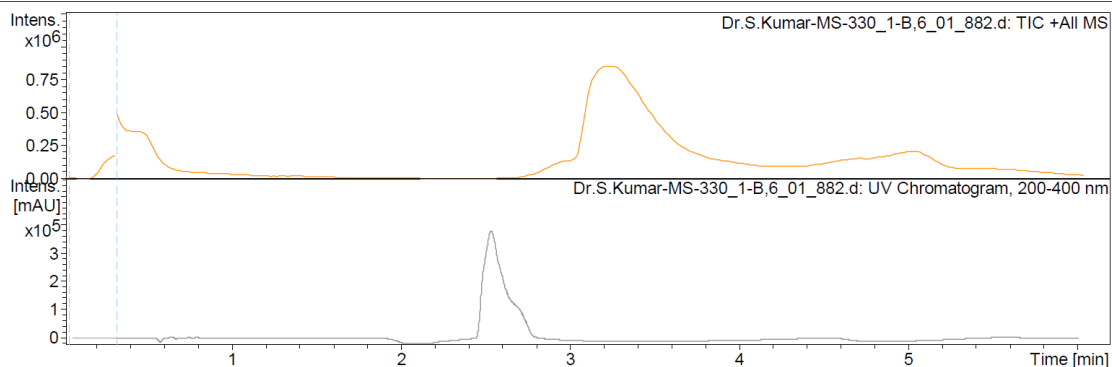
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Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

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Display Report

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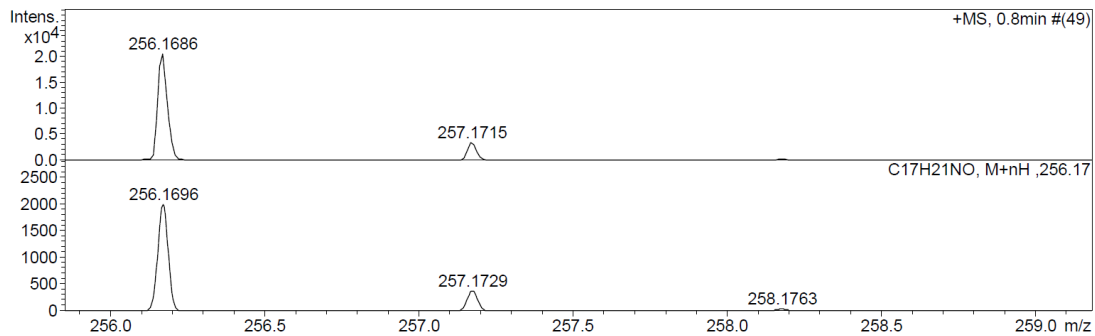
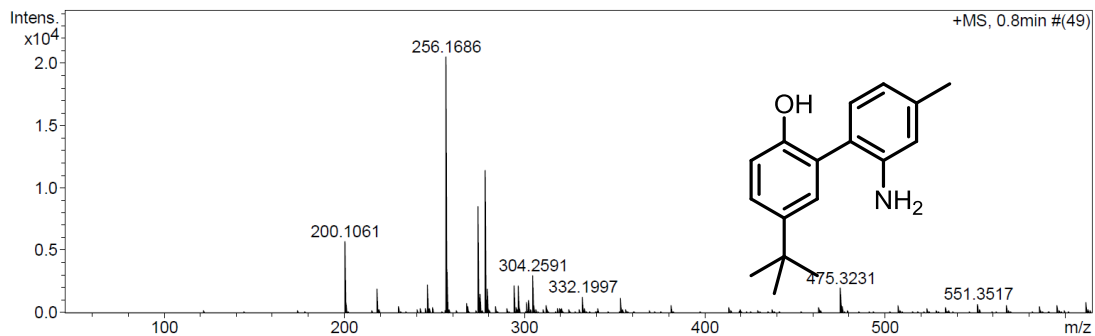
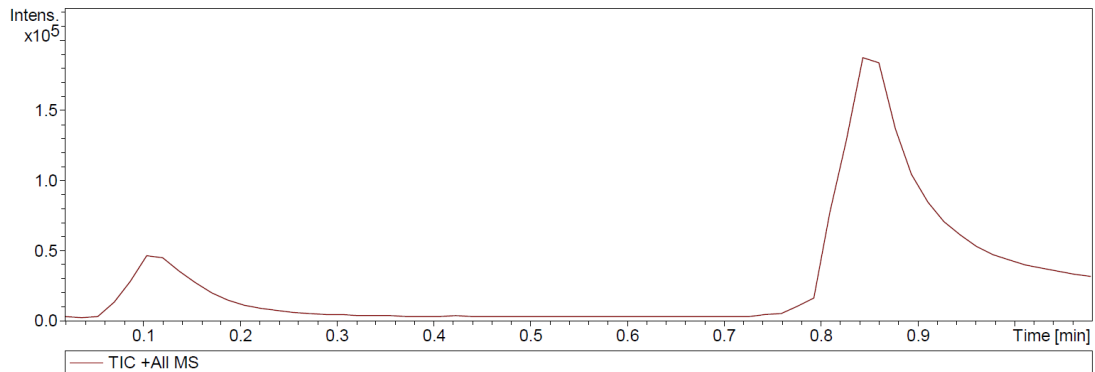
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Method tune_low.m
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Acquisition Date 2/24/2015 4:02:04 PM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

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Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



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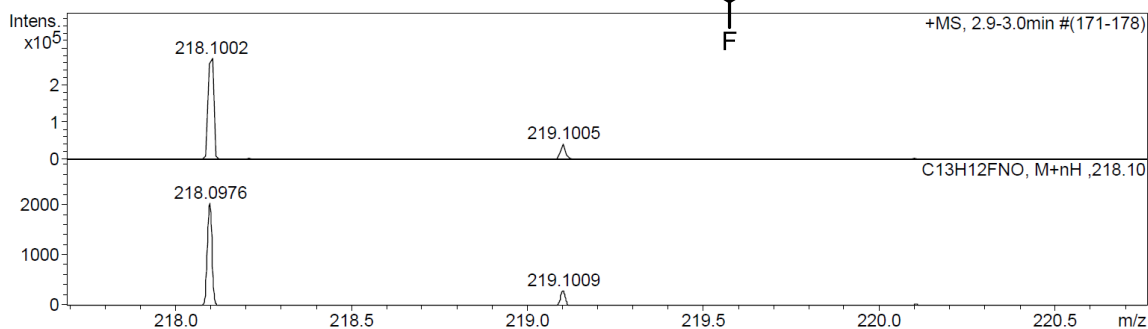
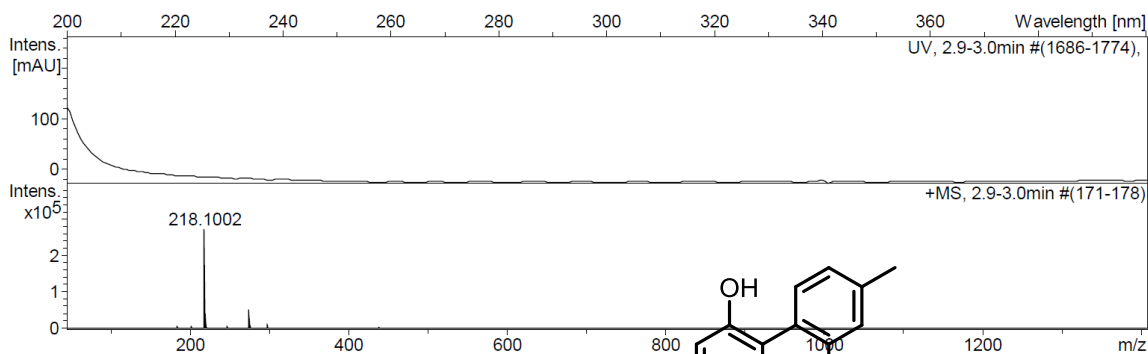
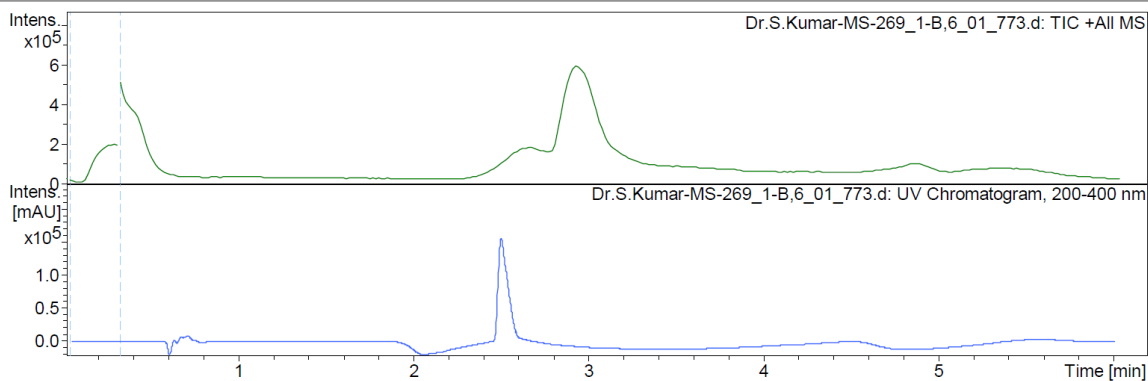
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Comment

Acquisition Date 11/17/2014 2:08:05 PM
Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

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Display Report

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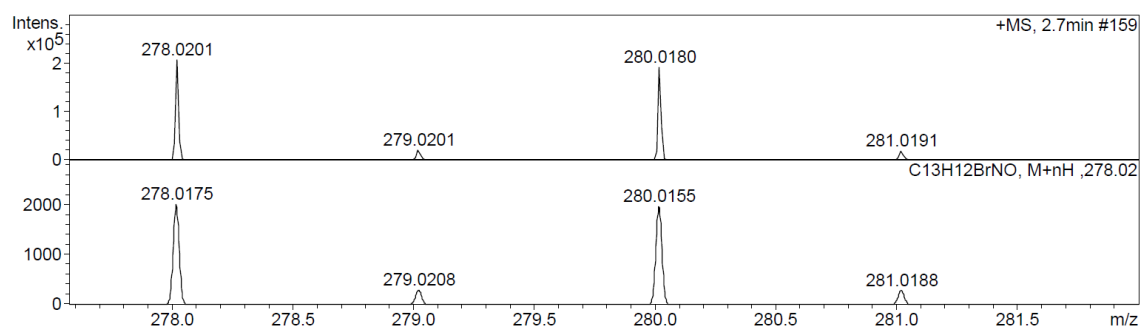
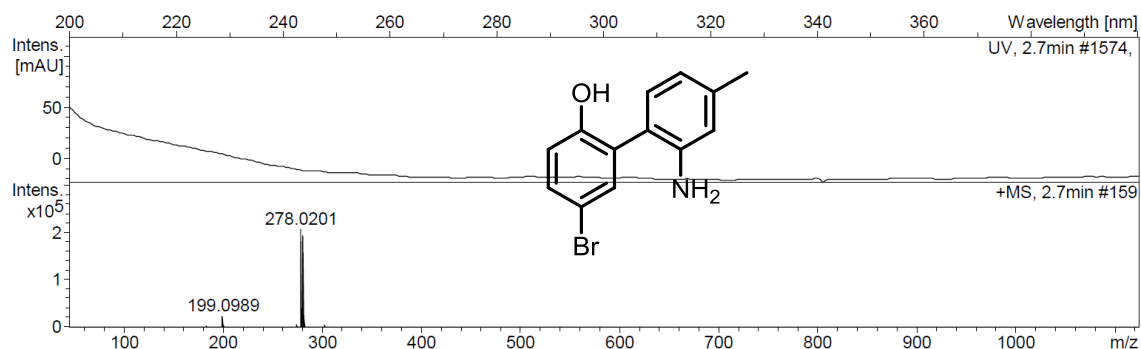
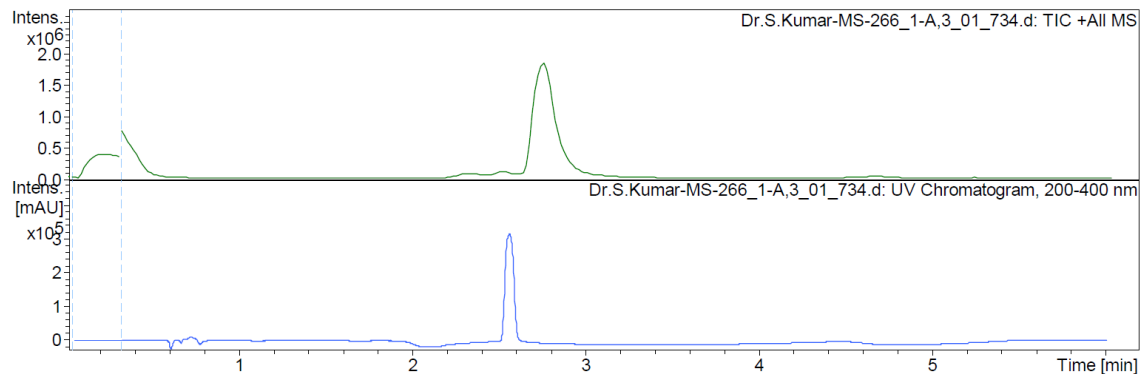
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Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

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Display Report

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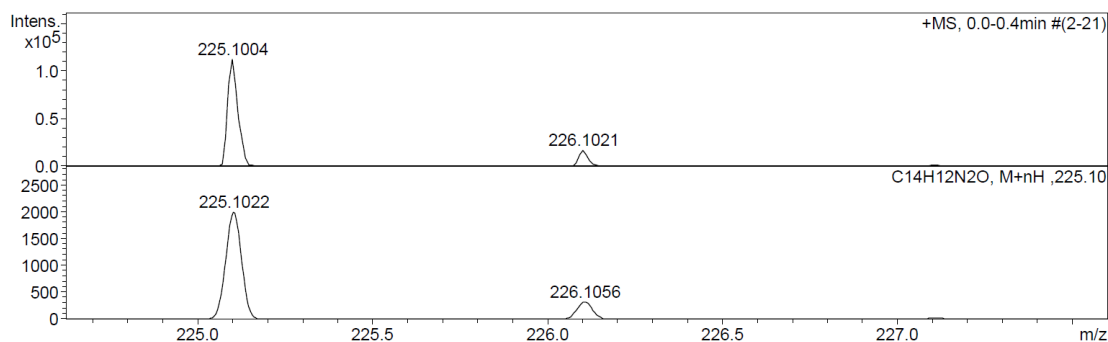
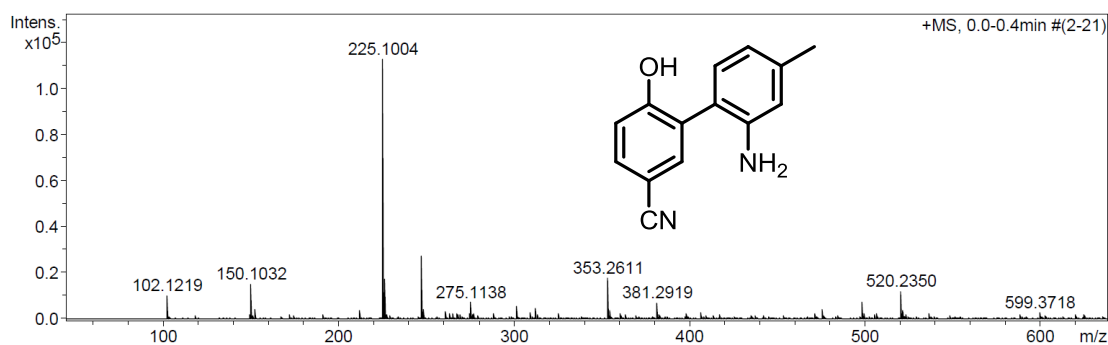
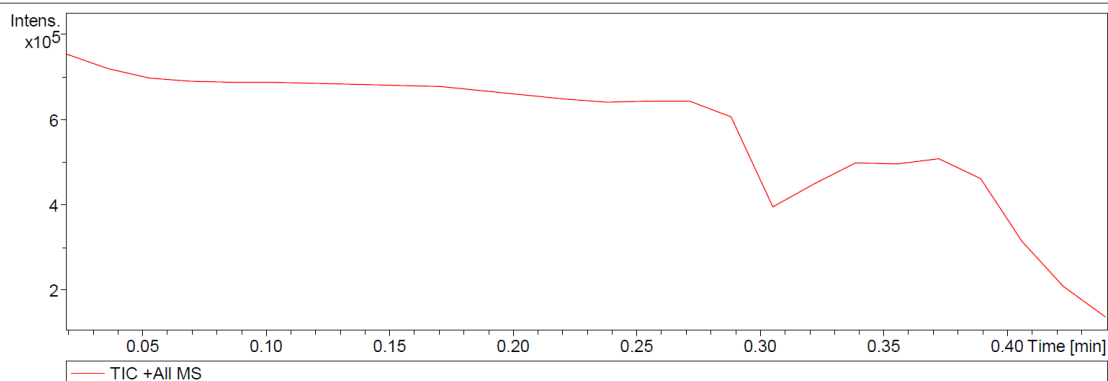
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Operator Amit
Instrument microTOF-Q II 10330

Acquisition Parameter

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Display Report

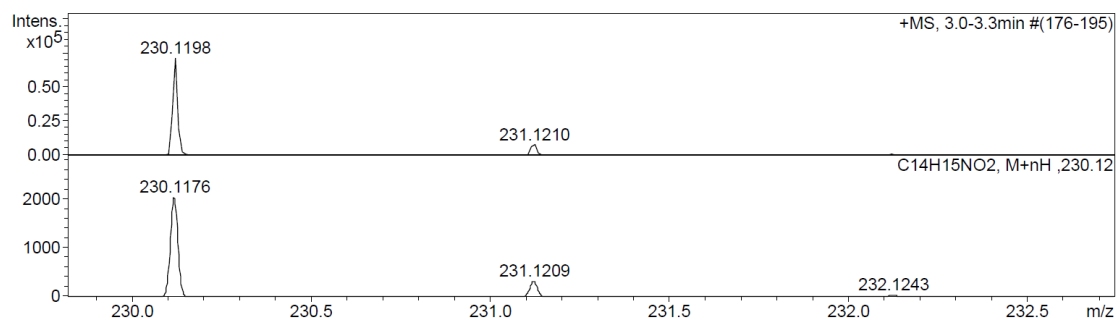
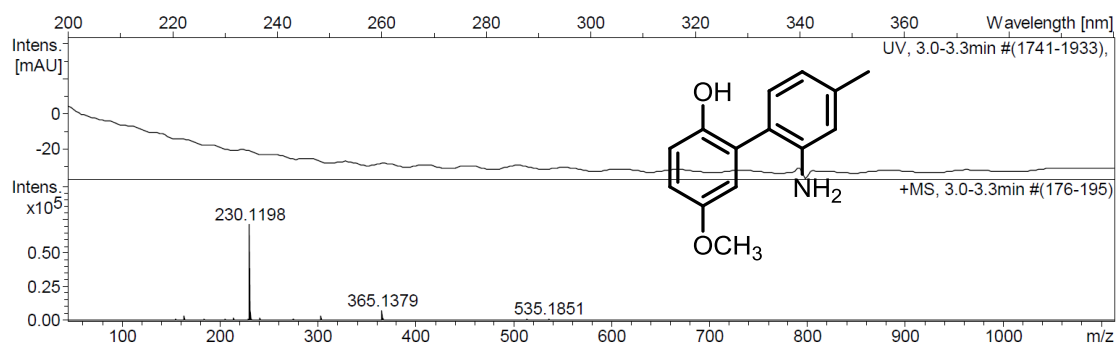
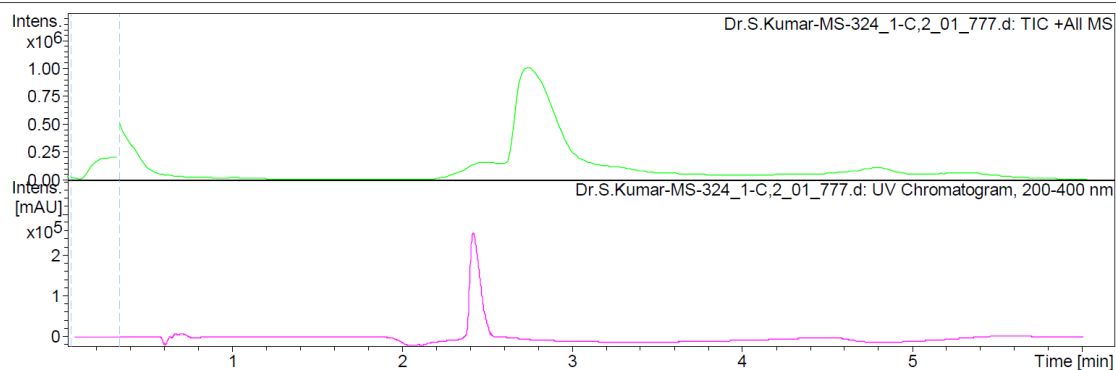
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Acquisition Date 11/17/2014 2:36:46 PM
Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
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Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
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Display Report

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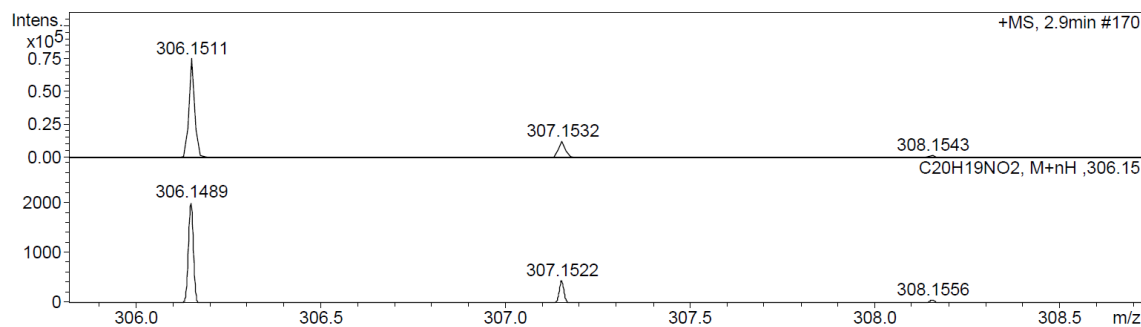
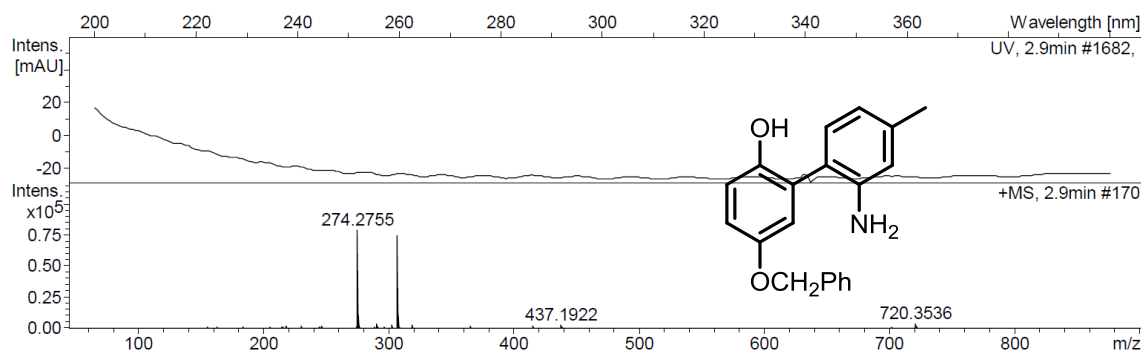
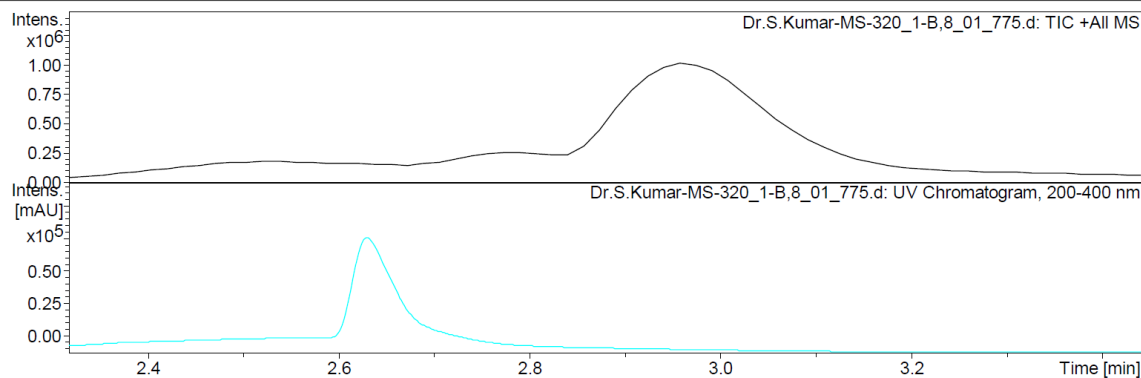
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Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-320
Comment

Acquisition Date 11/17/2014 2:22:28 PM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
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Display Report

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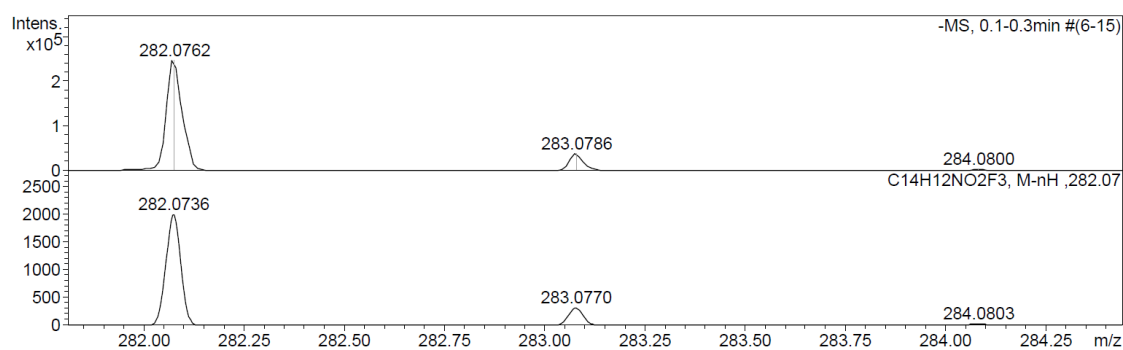
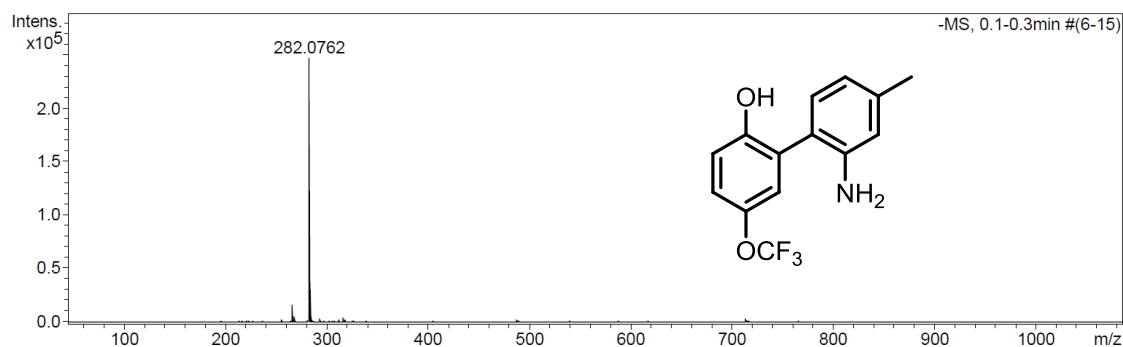
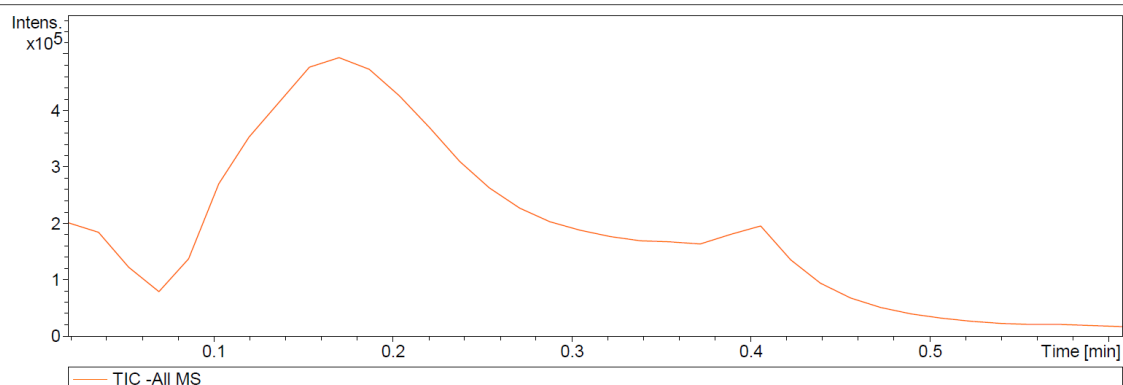
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Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	2500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



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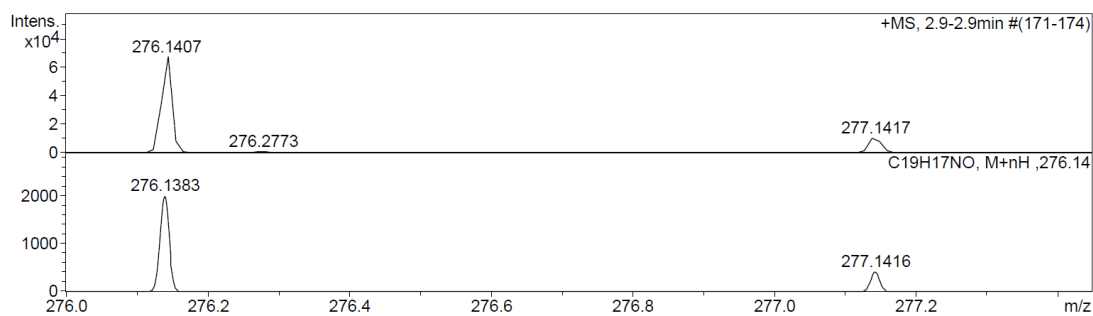
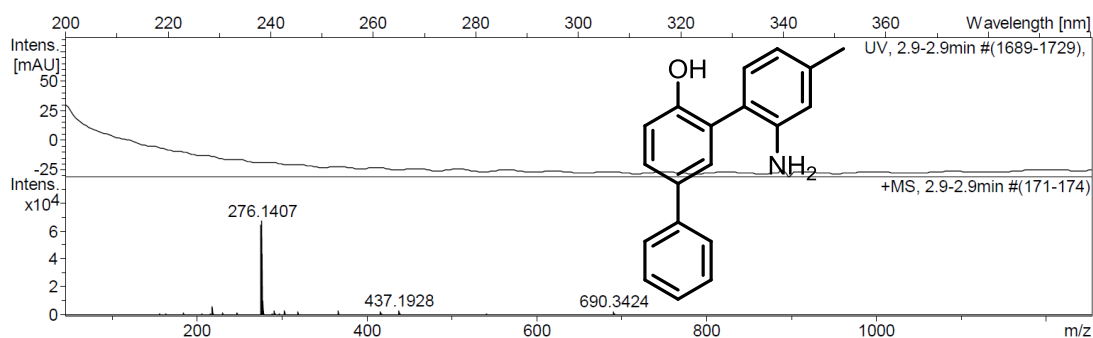
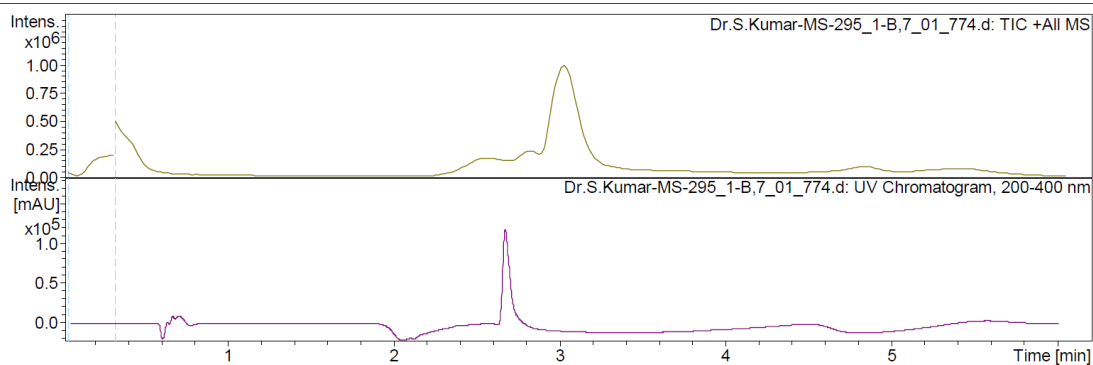
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Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

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Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

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Sample Name Dr.S.Kumar-MS-332
Comment

Acquisition Date 11/24/2014 1:09:52 AM

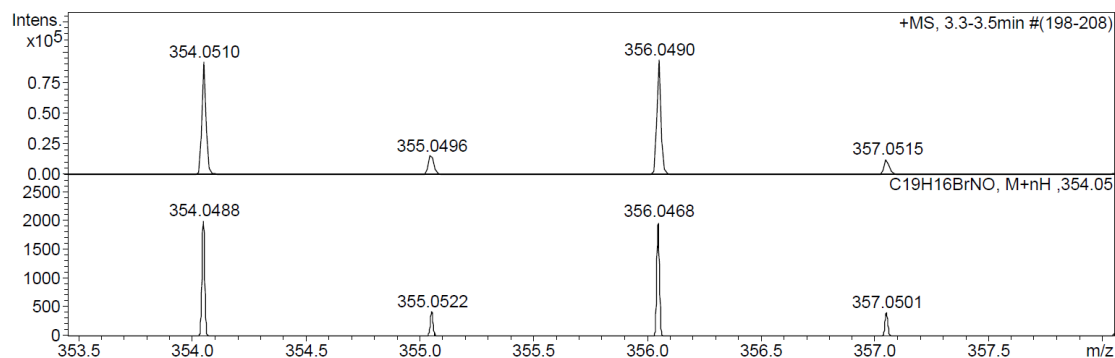
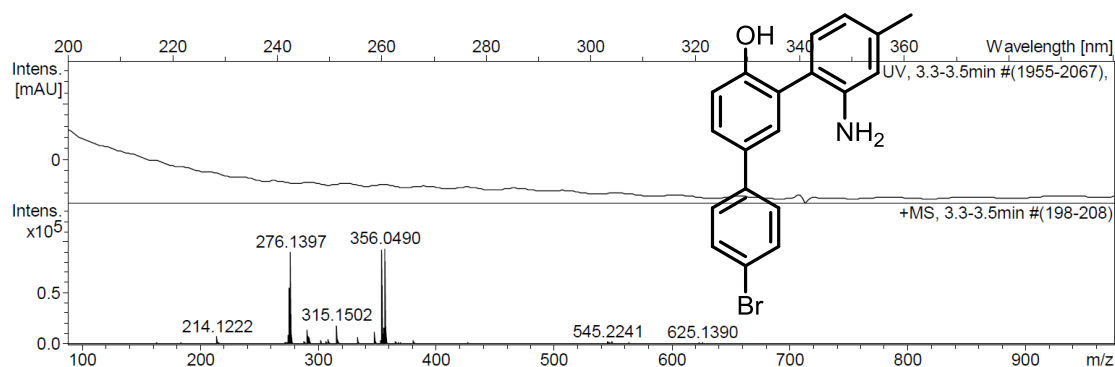
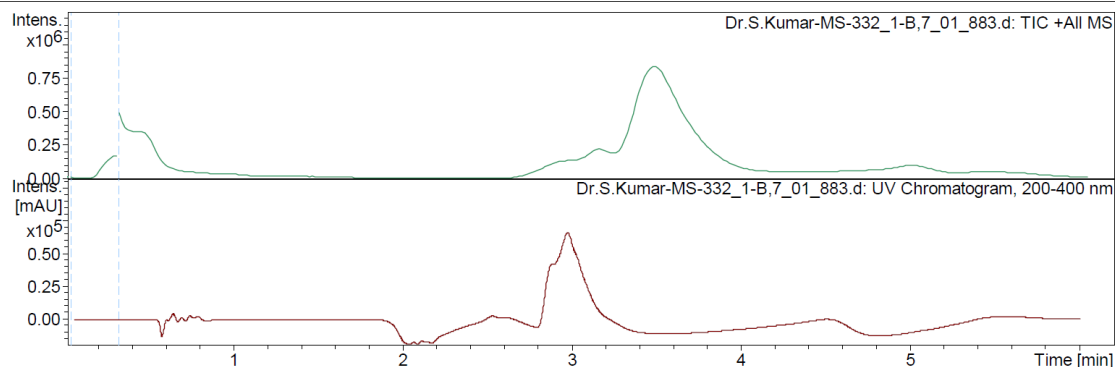
Operator

Instrument

micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\NOVEMBER\14 NOV\Dr.S.Kumar-MS-303_1-A,5_01_736.d
Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-303
Comment

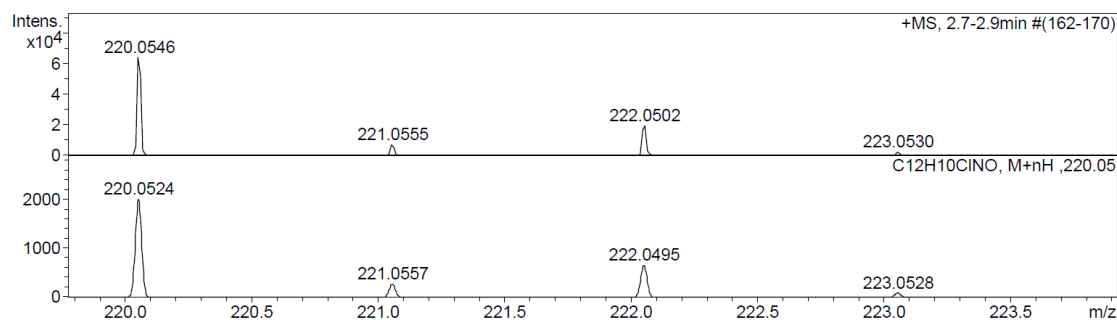
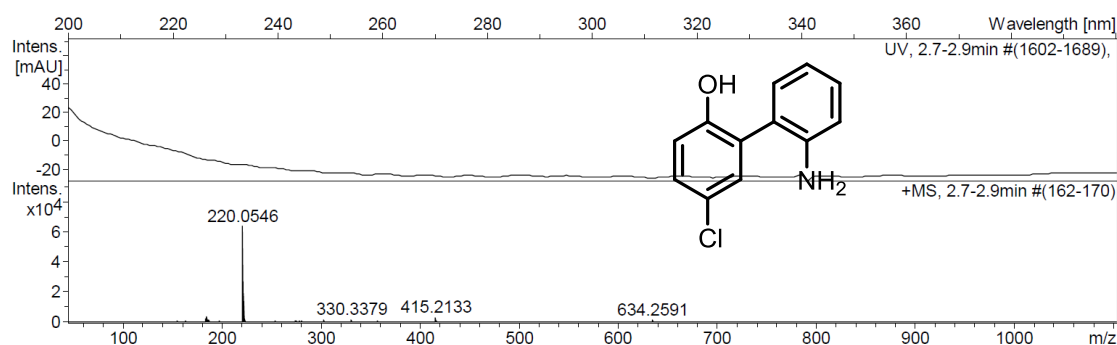
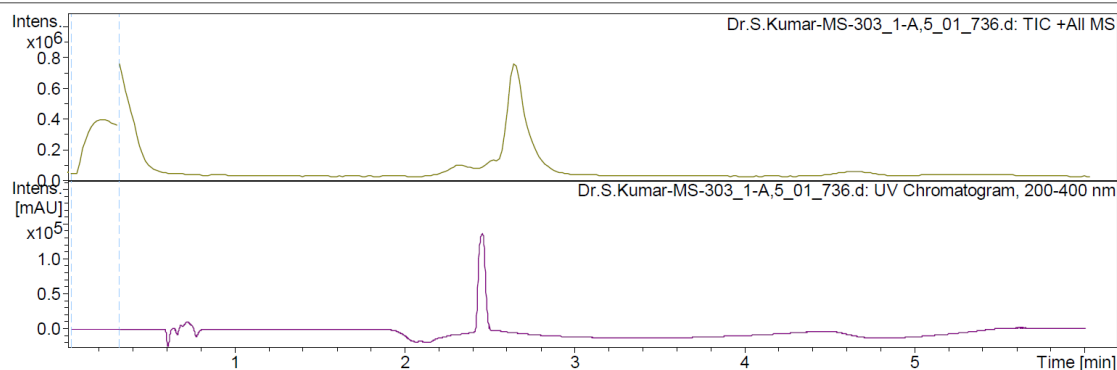
Acquisition Date 11/14/2014 12:55:22 PM

Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



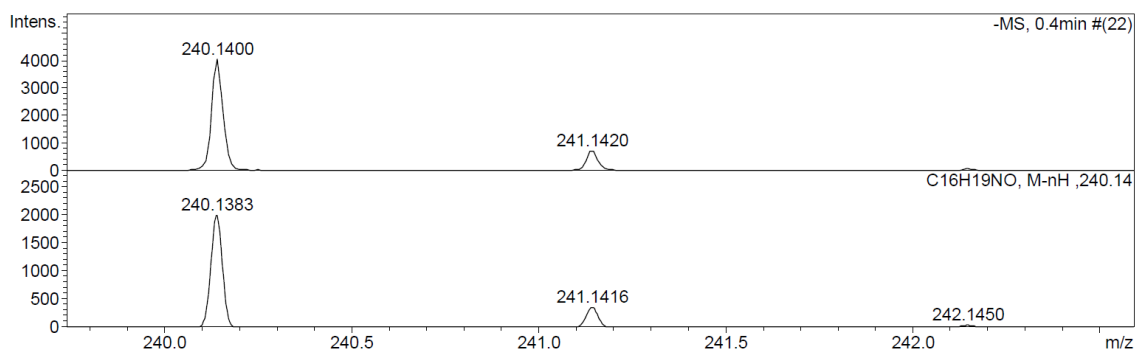
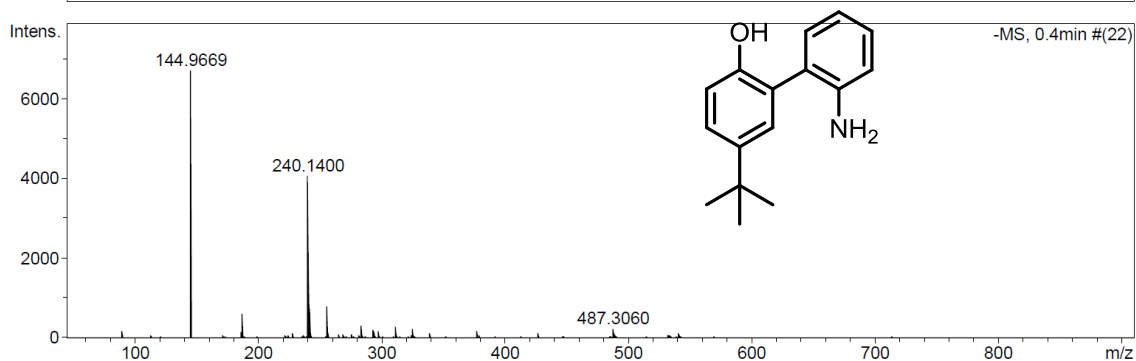
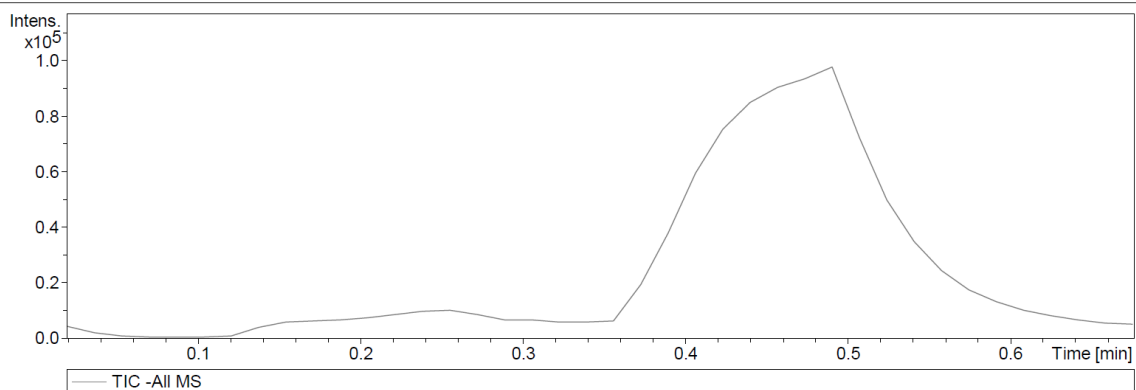
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Analysis Info

Analysis Name	D:\Data\user data\2014\DECEMBER\16 DEC\Dr.S.Kumar-AK-5-171.d	Acquisition Date	12/17/2014 2:01:34 PM
Method	tune_low.m	Operator	RUCHI
Sample Name	AK-5-171	Instrument	micrOTOF-Q II 10330
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	2500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	100.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2015\FEB-2015\25-feb-2015\Prof.S.Kumar-AK-5-130_1-B,1_01_1745.d
Method HRLCMS-20 Sept.m
Sample Name Prof.S.Kumar-AK-5-130
Comment

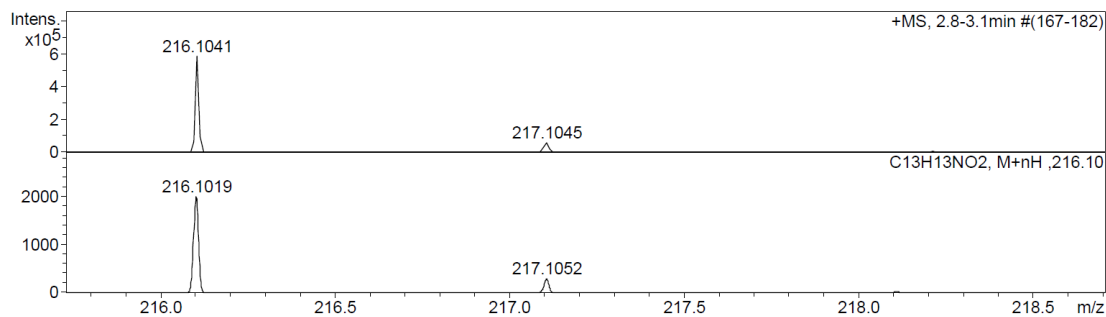
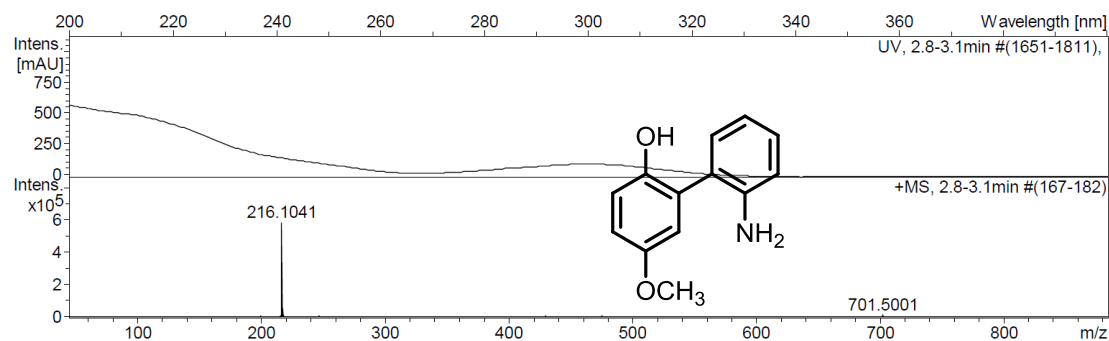
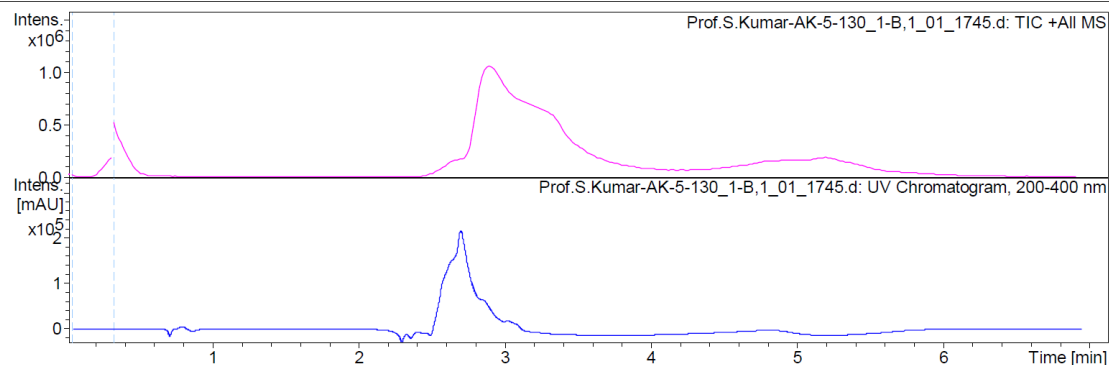
Acquisition Date 2/25/2015 1:53:18 PM

Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\NOVEMBER\14 NOV\Dr.S.Kumar-MS-298_1-A,4_01_735.d
Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-298
Comment

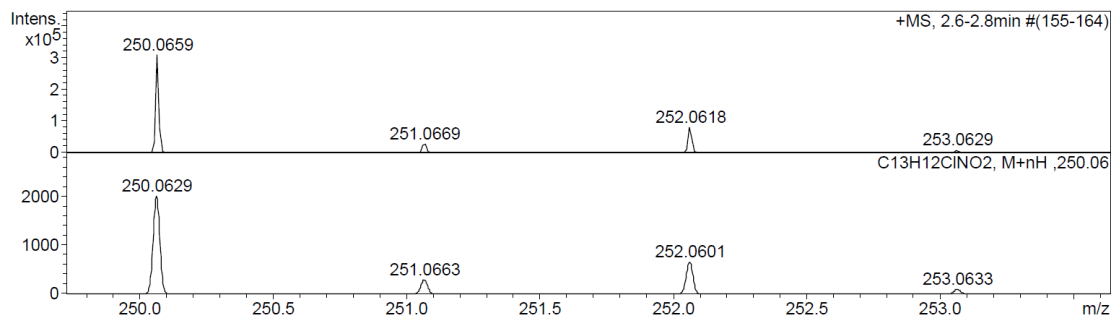
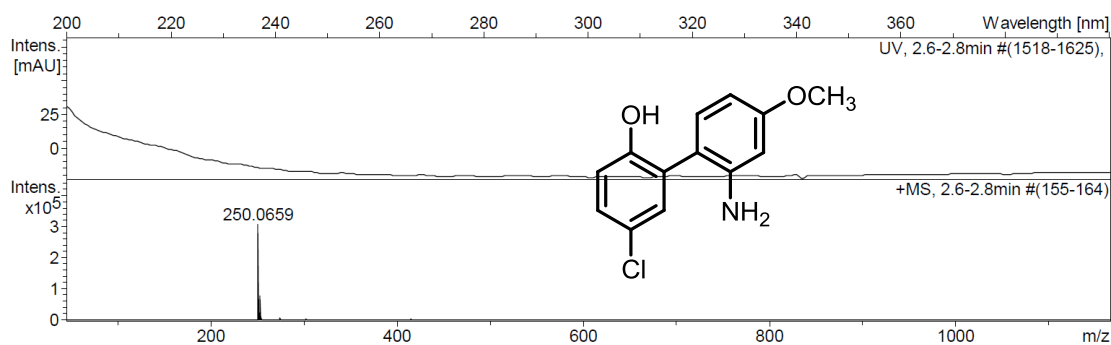
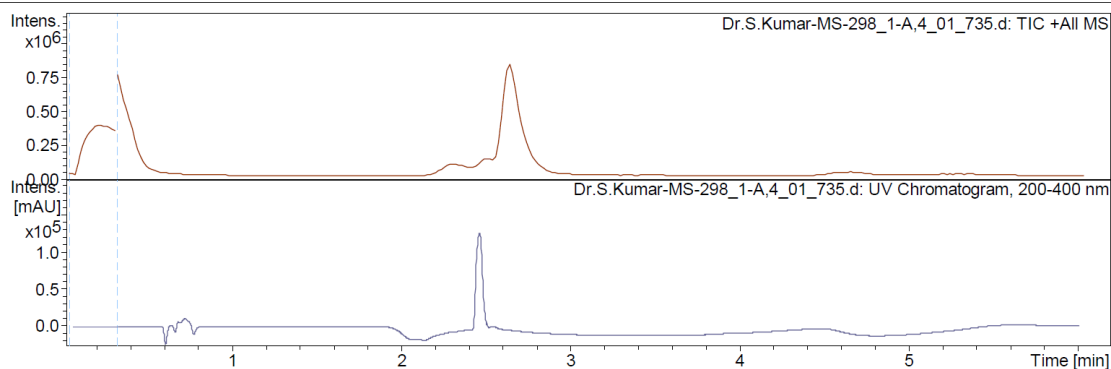
Acquisition Date 11/14/2014 12:48:14 PM

Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



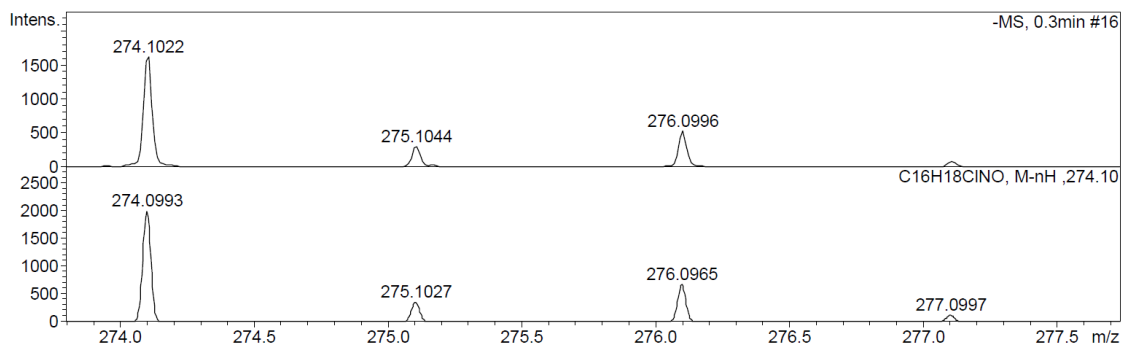
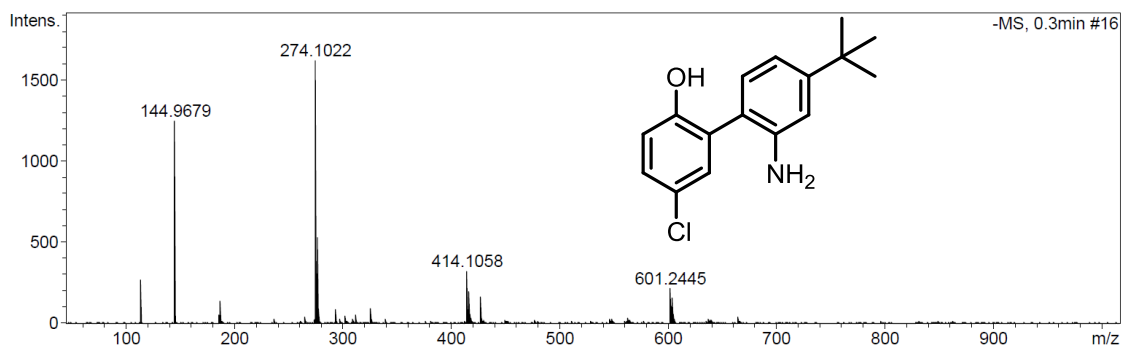
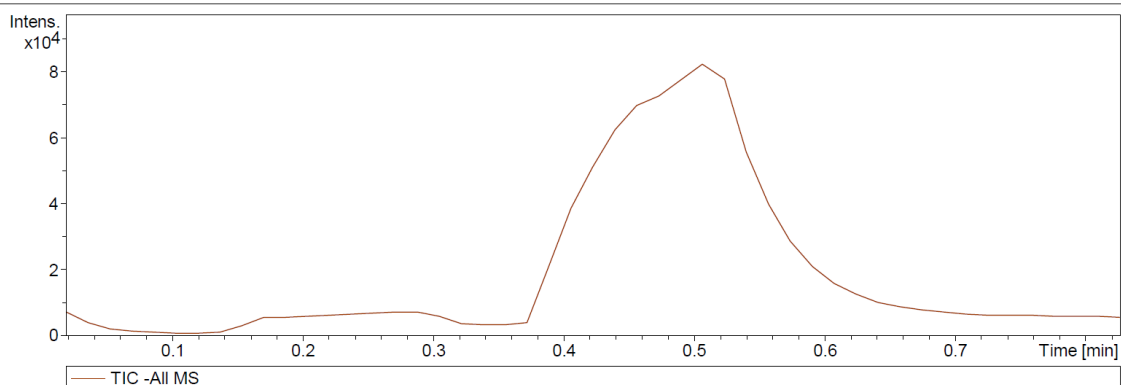
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Analysis Info

Analysis Name	D:\Data\user data\2014\DECEMBER\16 DEC\Dr.S.Kumar-MS-2-22.d	Acquisition Date	12/17/2014 2:08:15 PM
Method	tune_low.m	Operator	RUCHI
Sample Name	MS-2-22	Instrument	microTOF-Q II 10330
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	2500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	100.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

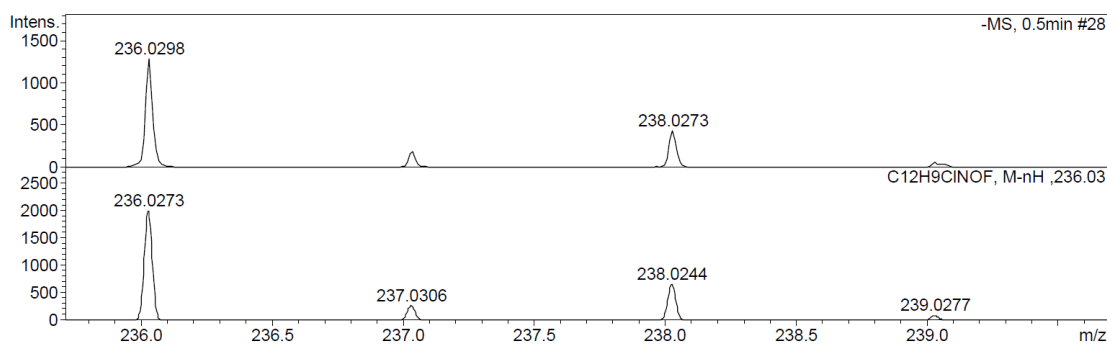
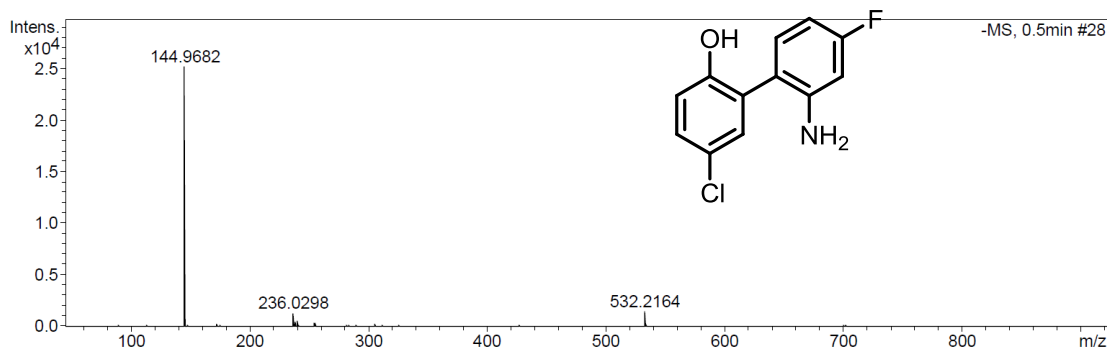
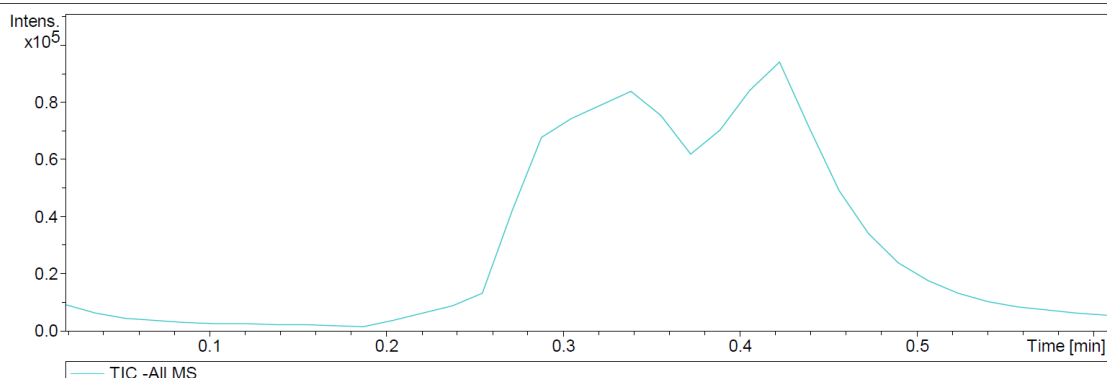
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Method tune_low.m
Sample Name MS-2-2
Comment

Acquisition Date 12/17/2014 2:03:49 PM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	2500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	100.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

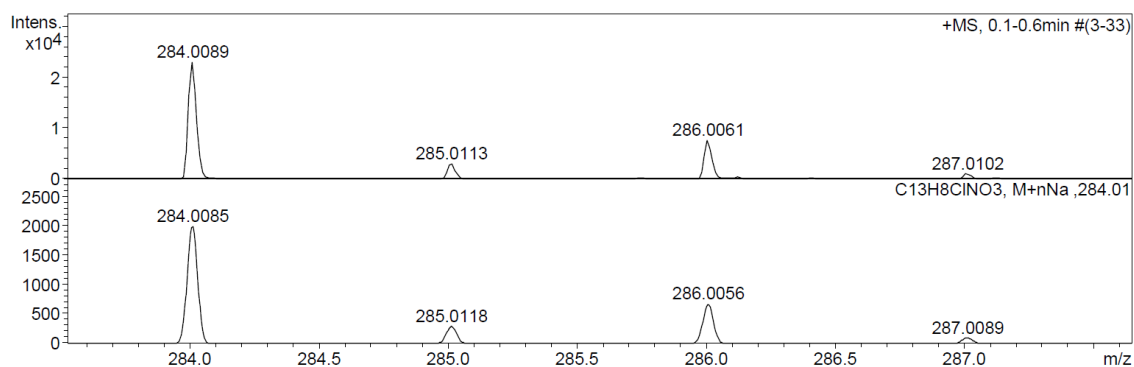
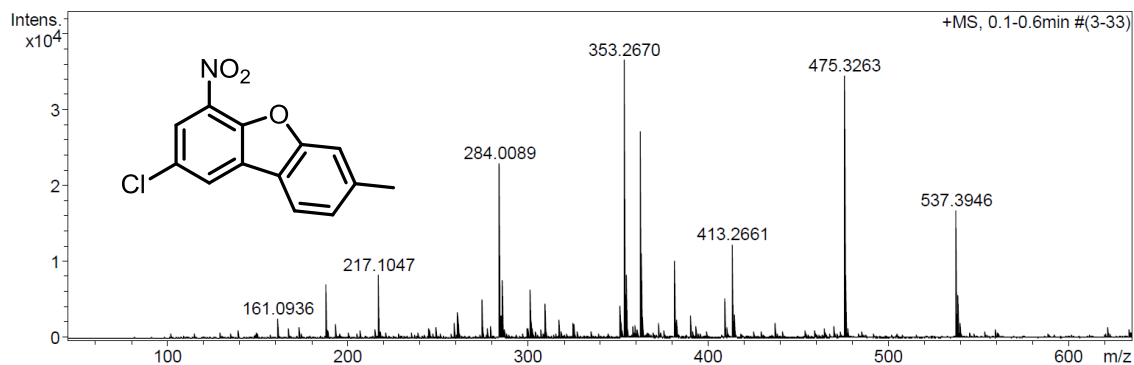
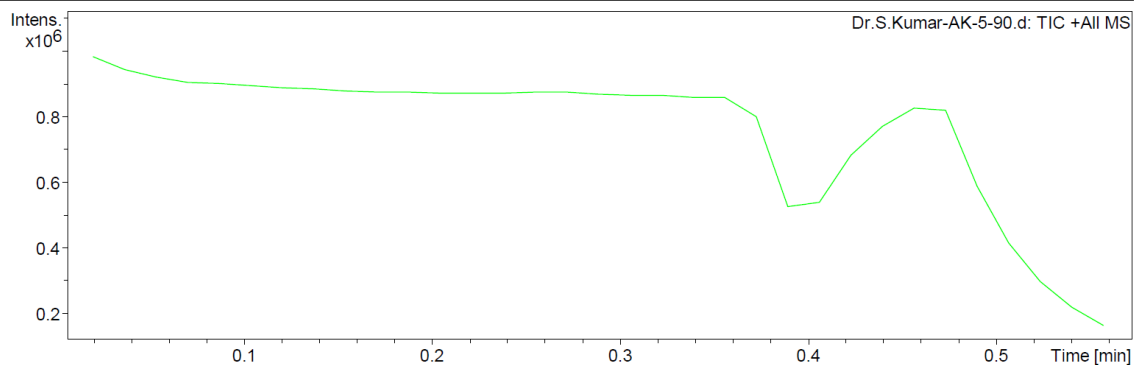
Analysis Name D:\Data\user data\2014\FEB\21 FEB\Dr.S.Kumar-AK-5-90.d
Method tune_low.m
Sample Name AK-5-90
Comment

Acquisition Date 2/21/2014 4:24:17 PM

Operator Amit
Instrument microTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	4600 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

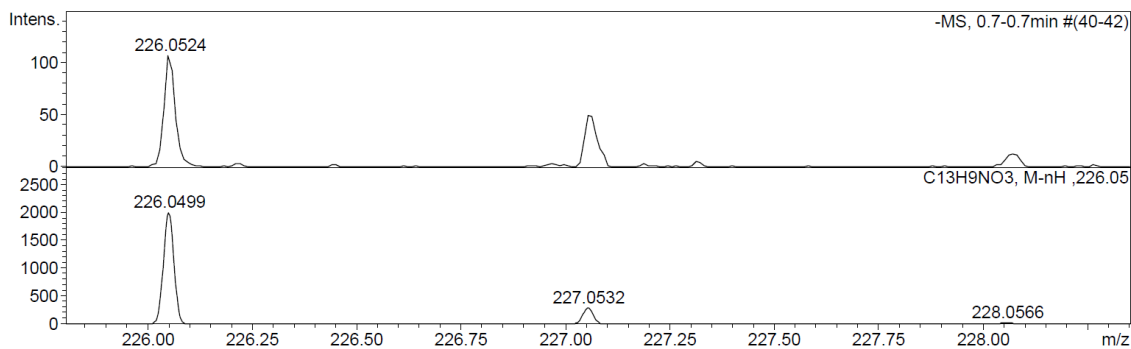
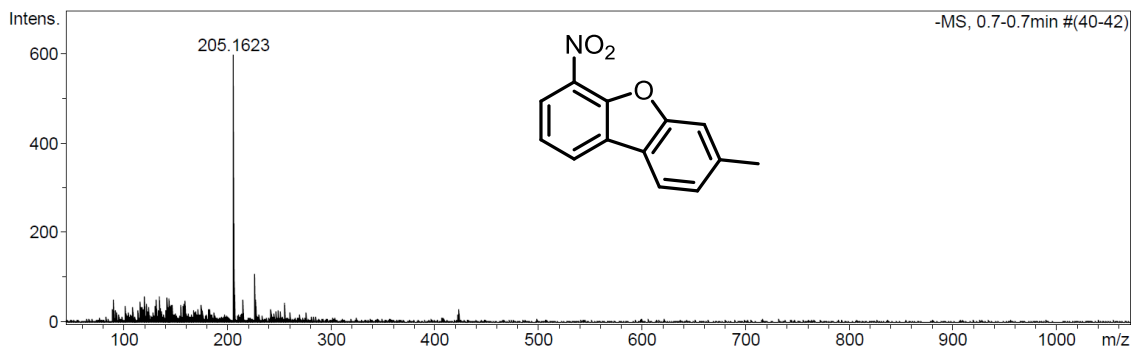
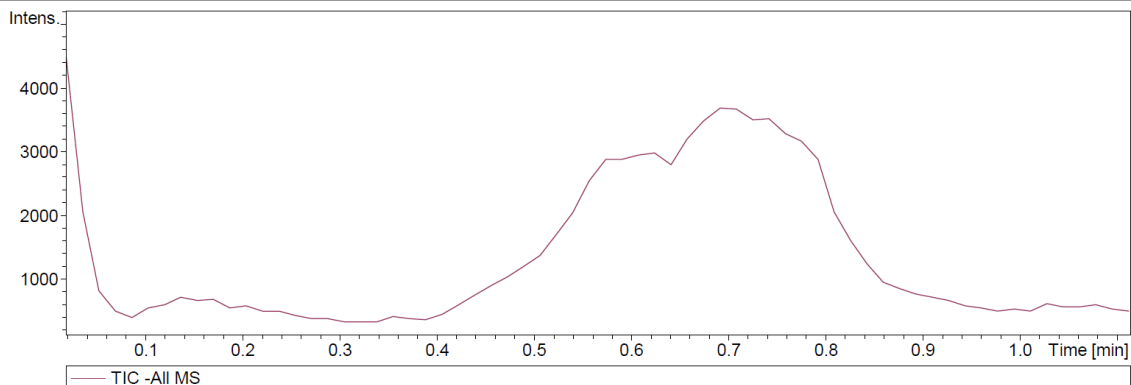
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Method tune_low_APCI.m
Sample Name MS-2-20-2-1
Comment

Acquisition Date 12/18/2014 12:33:15 PM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	APCI	Ion Polarity	Negative	Set Nebulizer	2.5 Bar
Focus	Not active	Set Capillary	3500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	100.0 Vpp	Set Divert Valve	Waste



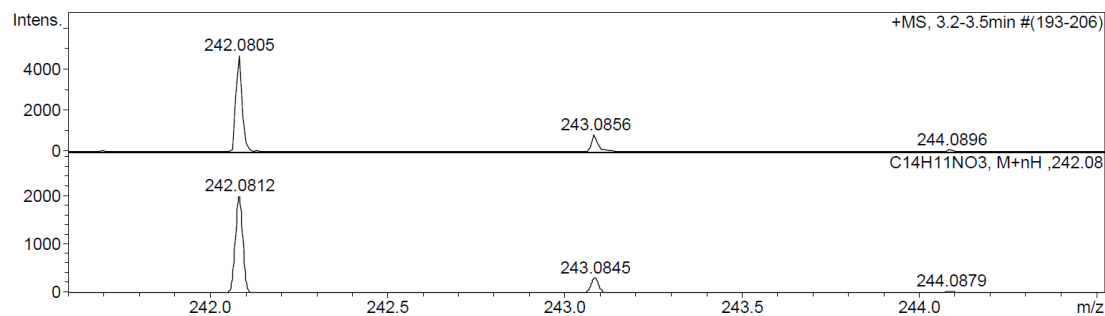
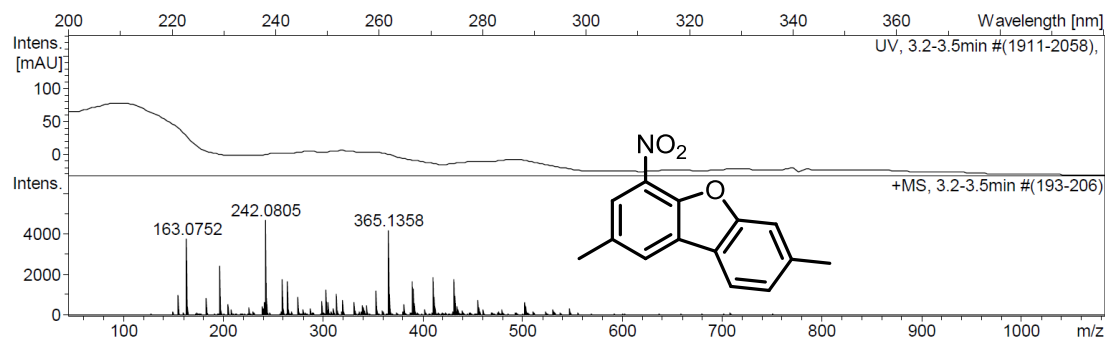
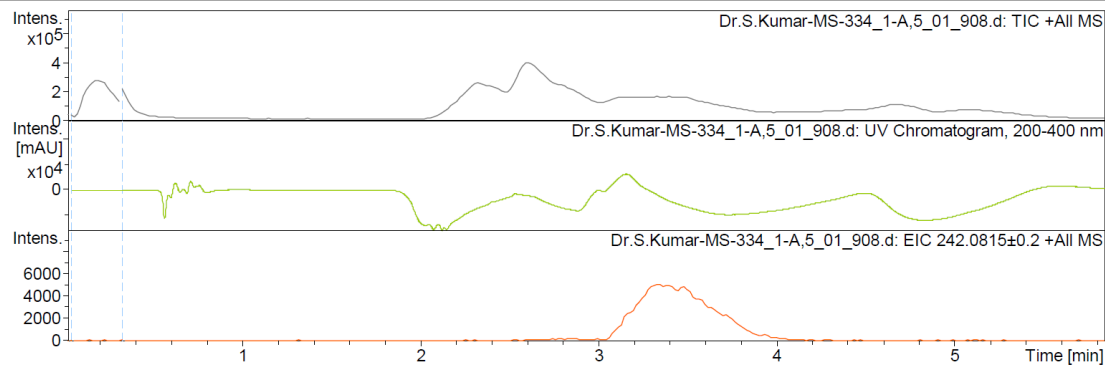
Display Report

Analysis Info

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Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-334
Comment
Acquisition Date 11/24/2014 11:49:53 PM
Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



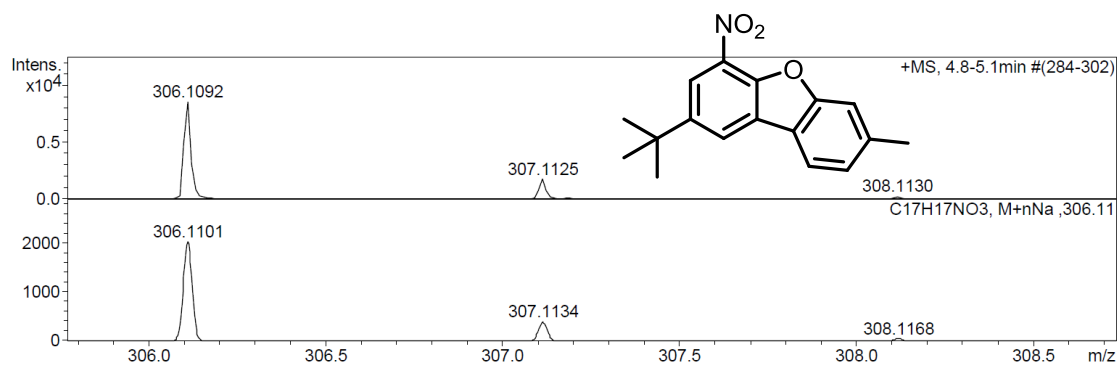
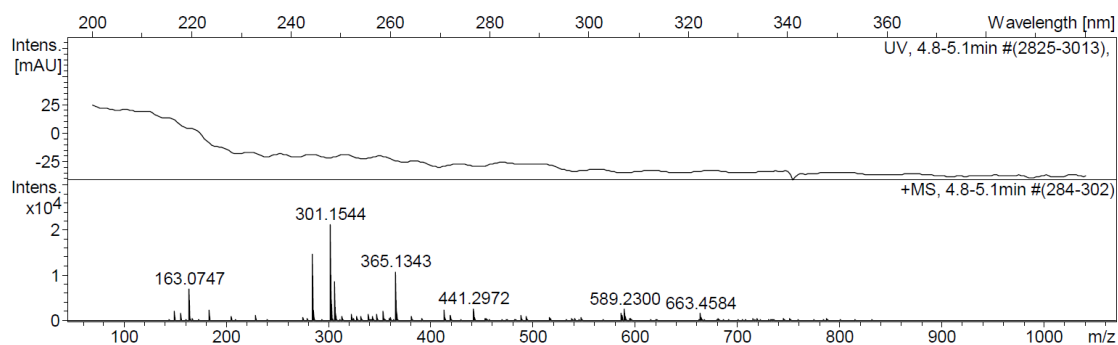
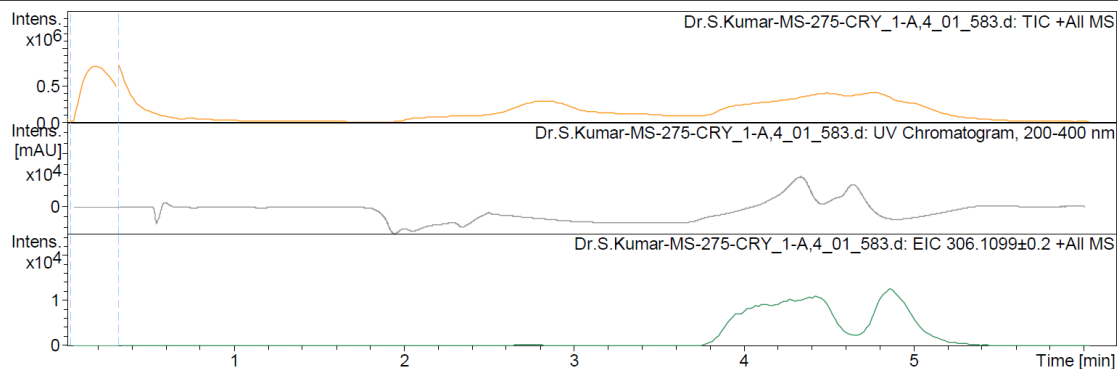
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Analysis Info

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Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-275-CRY
Comment
Acquisition Date 11/29/2014 10:29:37 AM
Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

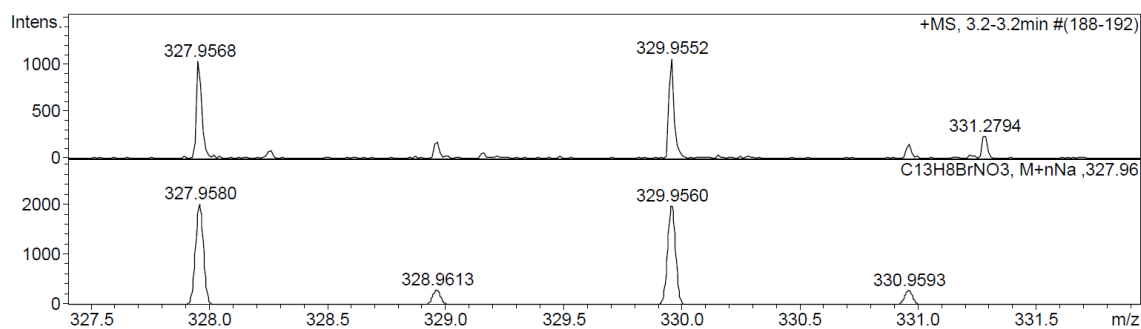
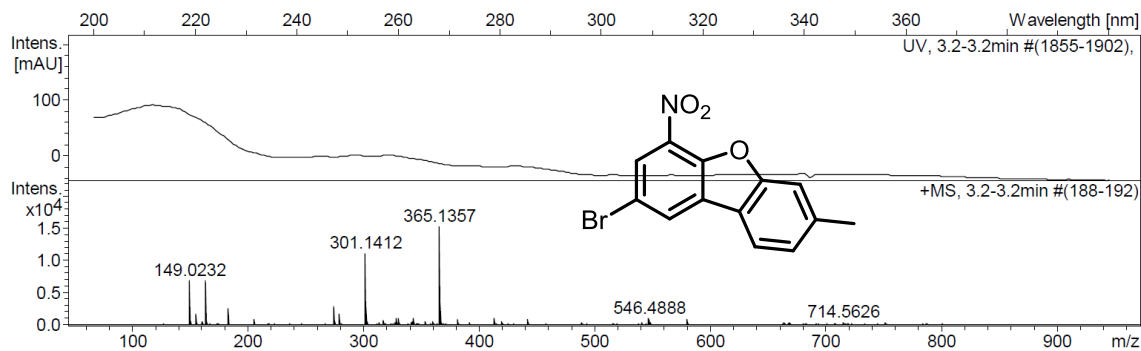
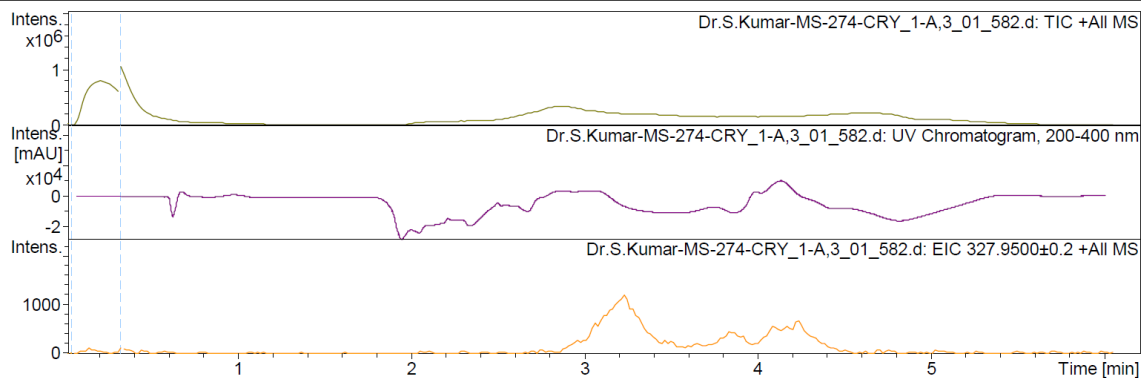
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Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-274-CRY
Comment

Acquisition Date 11/29/2014 10:22:27 AM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

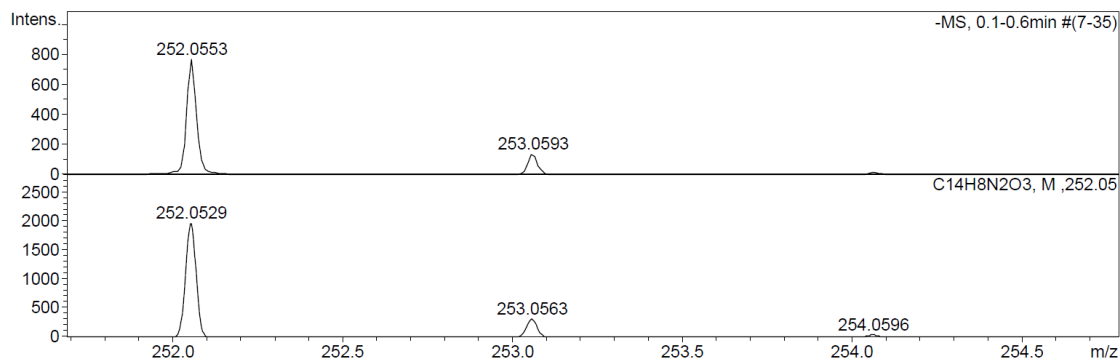
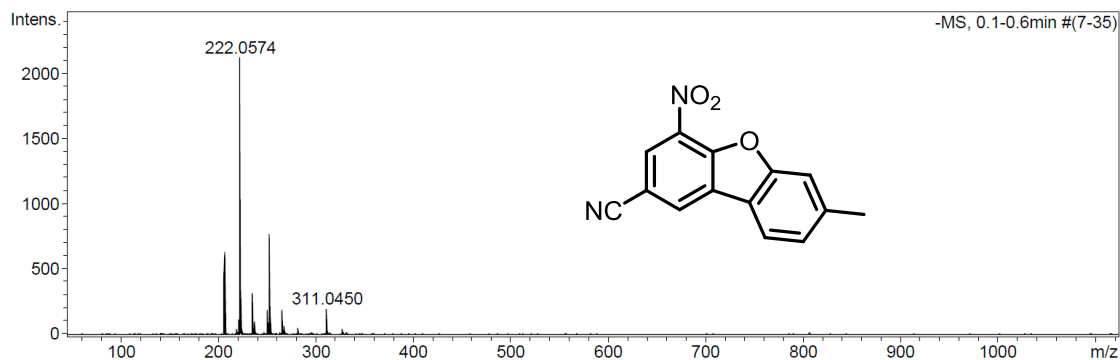
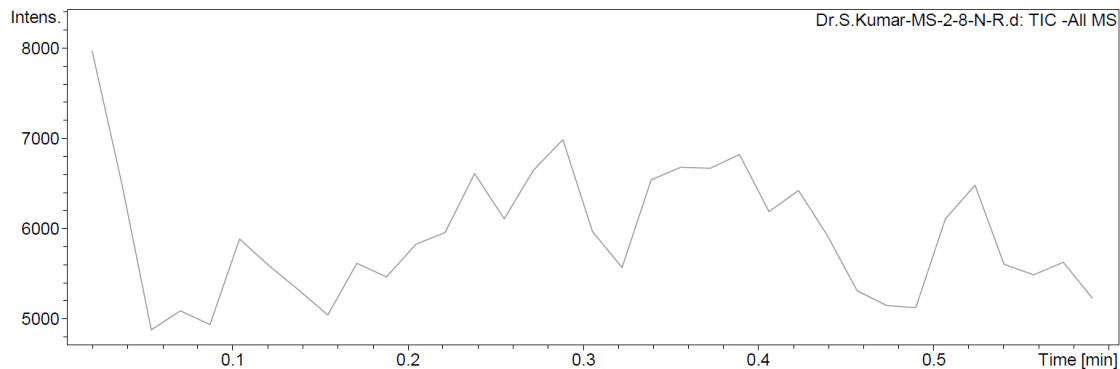
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Method tune_low_APCI.m
Sample Name MS-2-8-N-R
Comment

Acquisition Date 12/11/2014 12:29:52 PM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	APCI	Ion Polarity	Negative	Set Nebulizer	2.5 Bar
Focus	Not active	Set Capillary	3500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



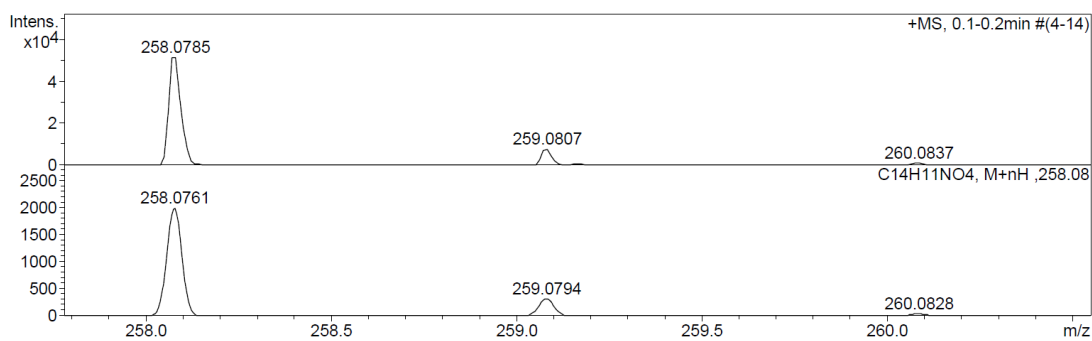
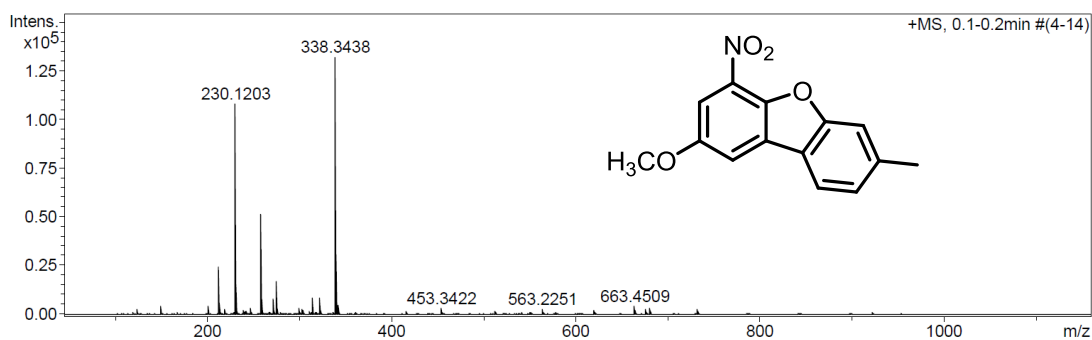
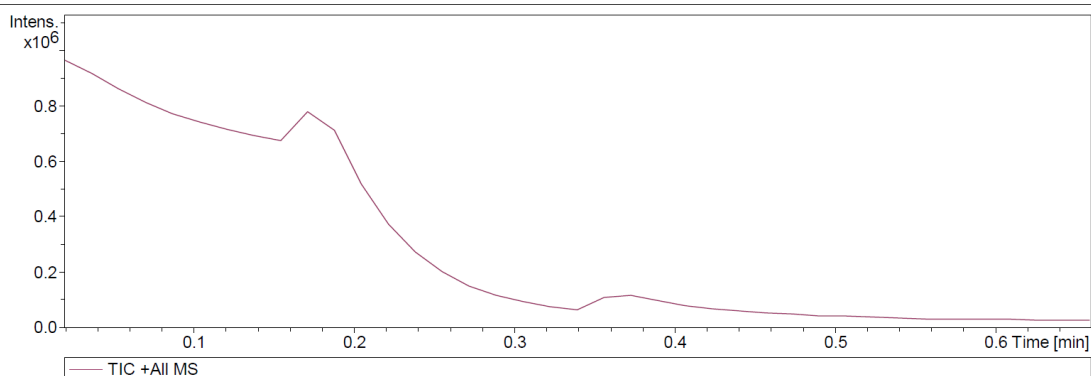
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Analysis Info

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Method tune_low_APCI.m Operator RUCHI
Sample Name MS-328 Instrument micrOTOF-Q II 10330
Comment

Acquisition Parameter

Source Type	APCI	Ion Polarity	Positive	Set Nebulizer	2.5 Bar
Focus	Not active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



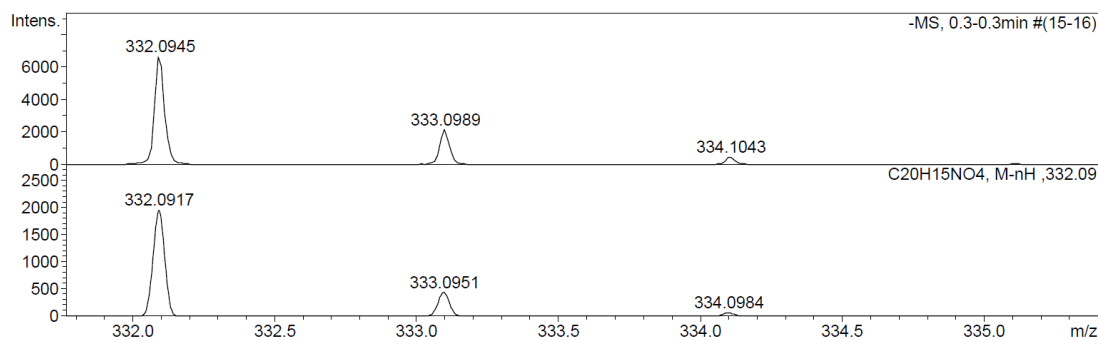
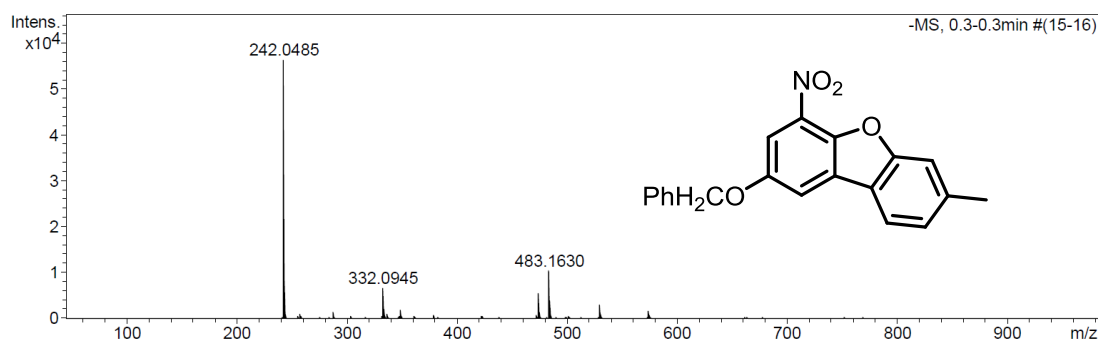
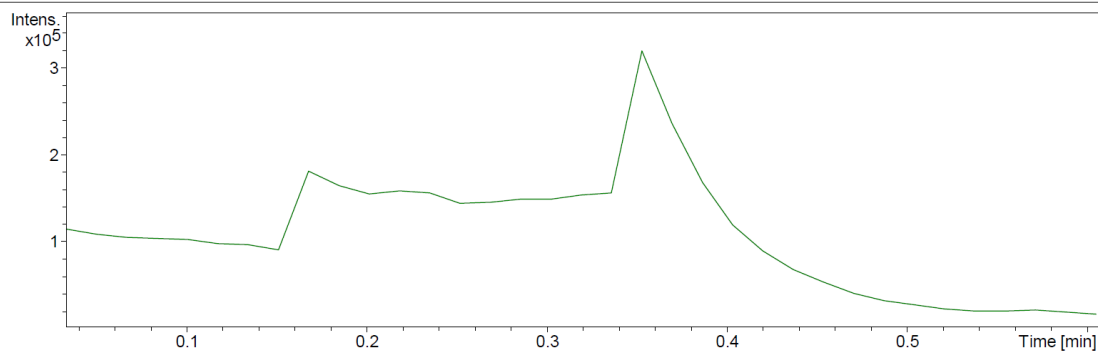
Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\NOVEMBER\26 NOV\Dr.S.Kumar-MS-323-1-VE.d Acquisition Date 11/27/2014 10:49:33 AM
Method tune_low_APCI.m Operator RUCHI
Sample Name MS-323-1-VE Instrument micrOTOF-Q II 10330
Comment

Acquisition Parameter

Source Type	APCI	Ion Polarity	Negative	Set Nebulizer	2.5 Bar
Focus	Not active	Set Capillary	3500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

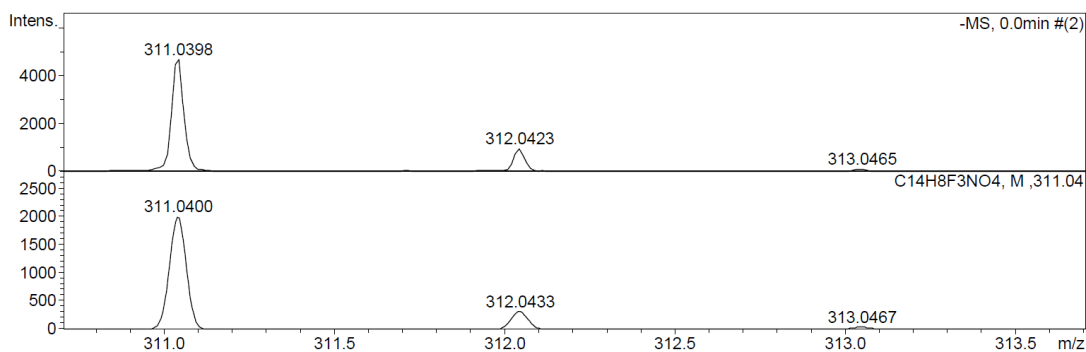
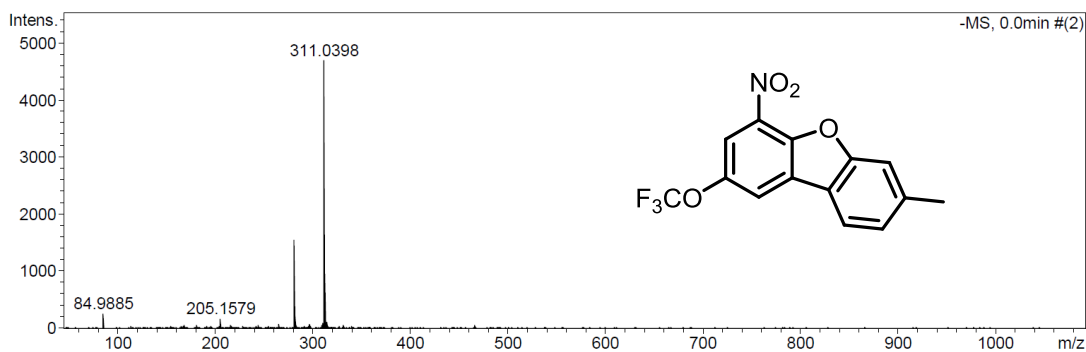
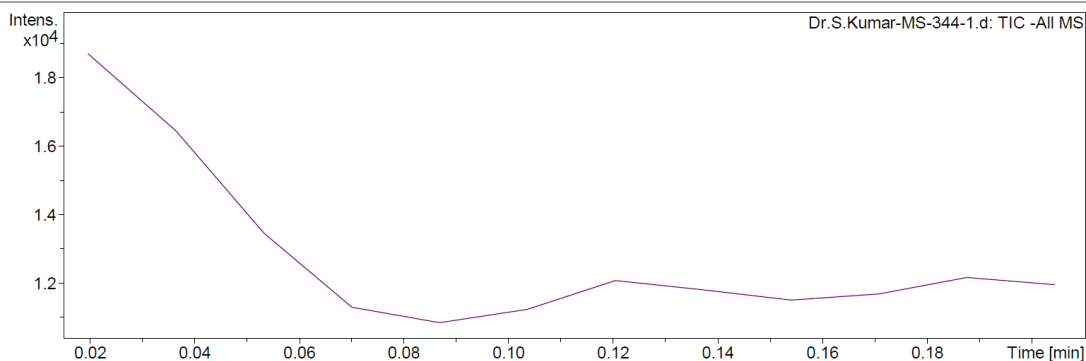
Analysis Info

Analysis Name D:\Data\user data\2014\DECEMBER\11 dec\Dr.S.Kumar-MS-344-1.d
Method tune_low_APCI.m
Sample Name MS-344-1
Comment

Acquisition Date 12/11/2014 12:24:56 PM
Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	APCI	Ion Polarity	Negative	Set Nebulizer	2.5 Bar
Focus	Not active	Set Capillary	3500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

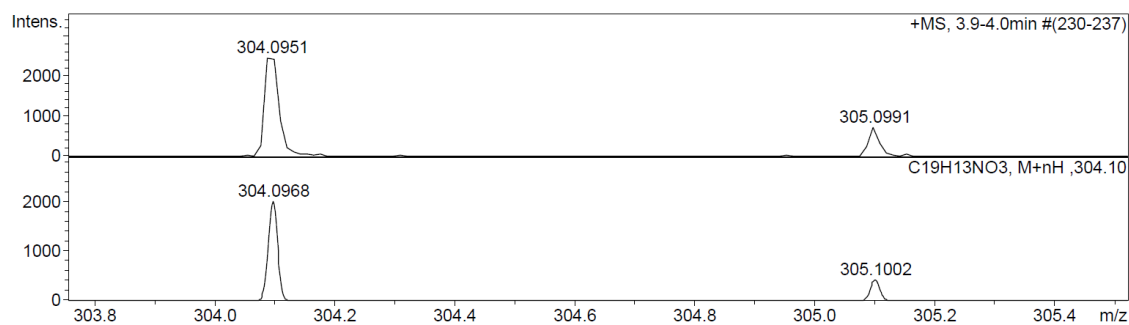
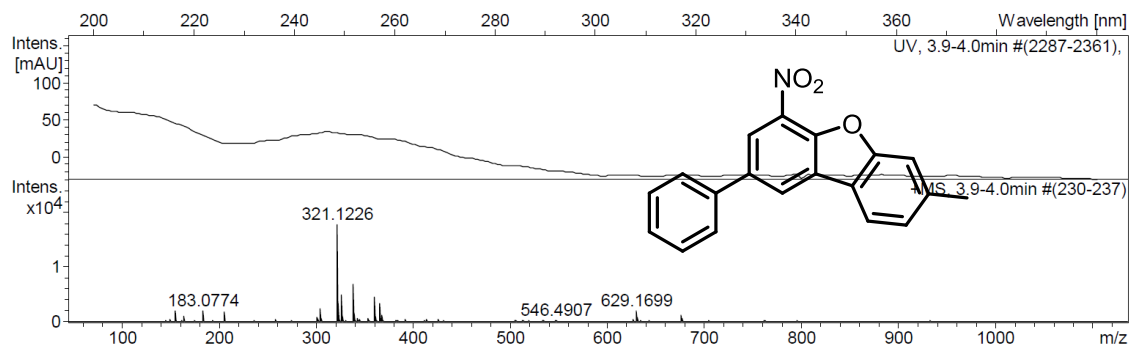
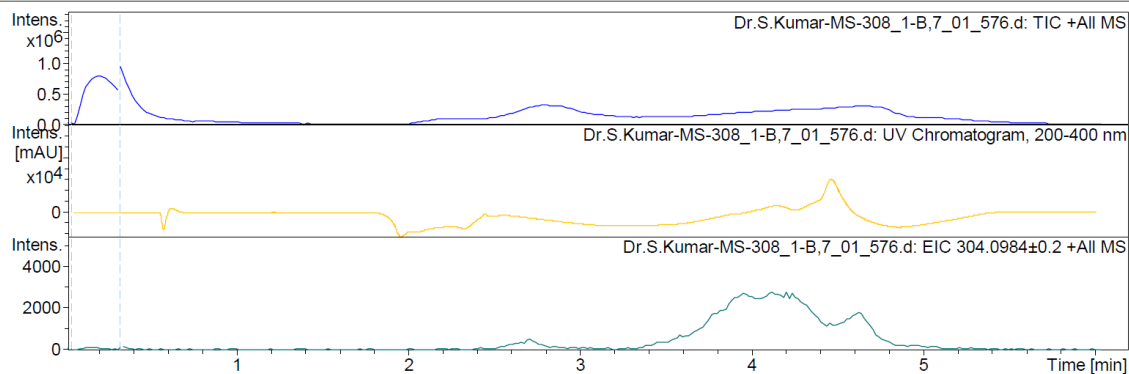
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Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-308
Comment

Acquisition Date 11/28/2014 4:36:50 PM
Operator RUCHI
Instrument microTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

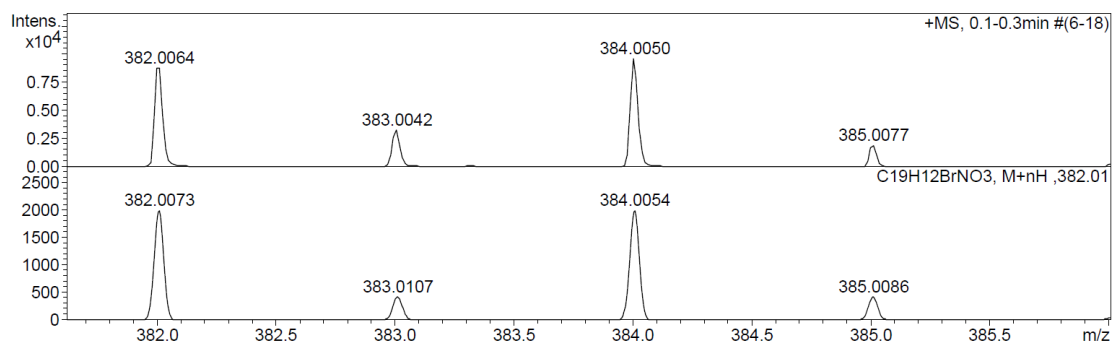
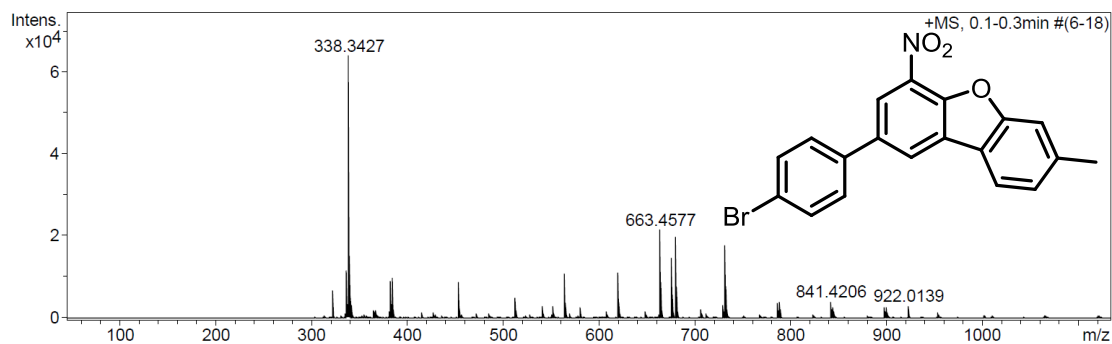
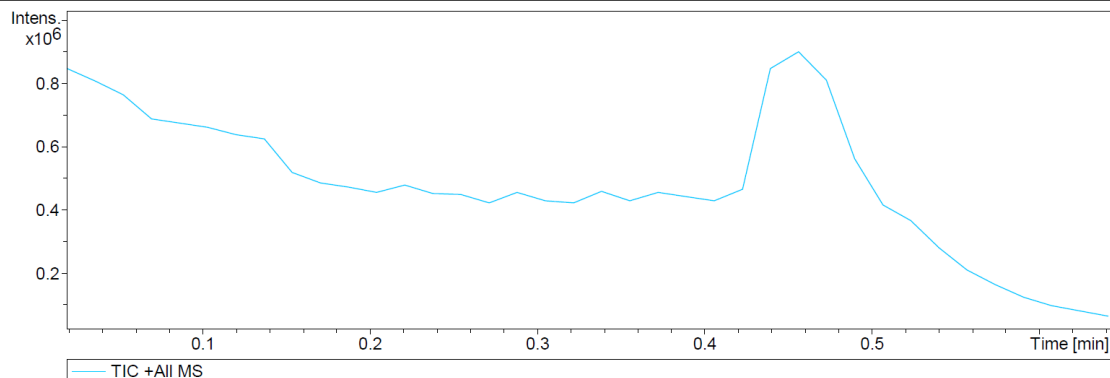
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Method tune_wide_APCI_23.06.m
Sample Name MS-338+VE-1
Comment

Acquisition Date 11/27/2014 10:58:18 AM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	APCI	Ion Polarity	Positive	Set Nebulizer	2.5 Bar
Focus	Not active	Set Capillary	4000 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	600.0 Vpp	Set Divert Valve	Source



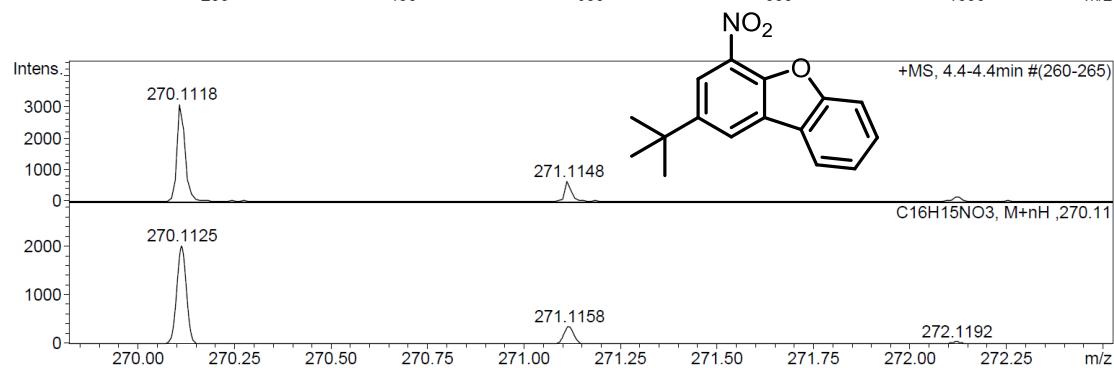
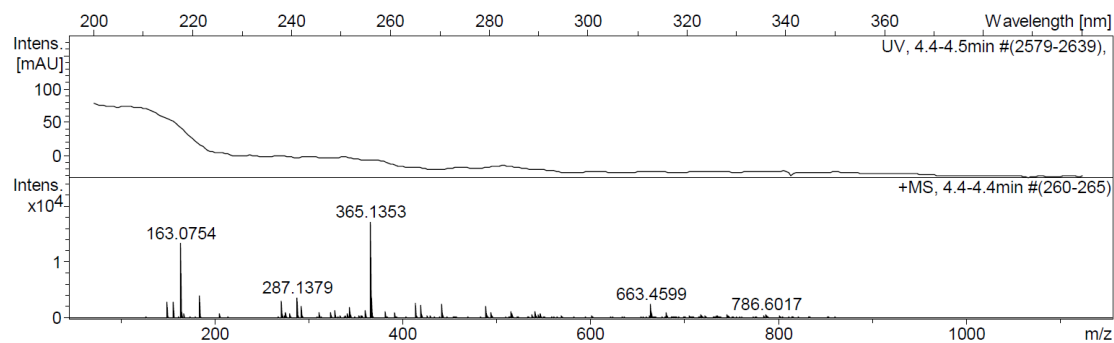
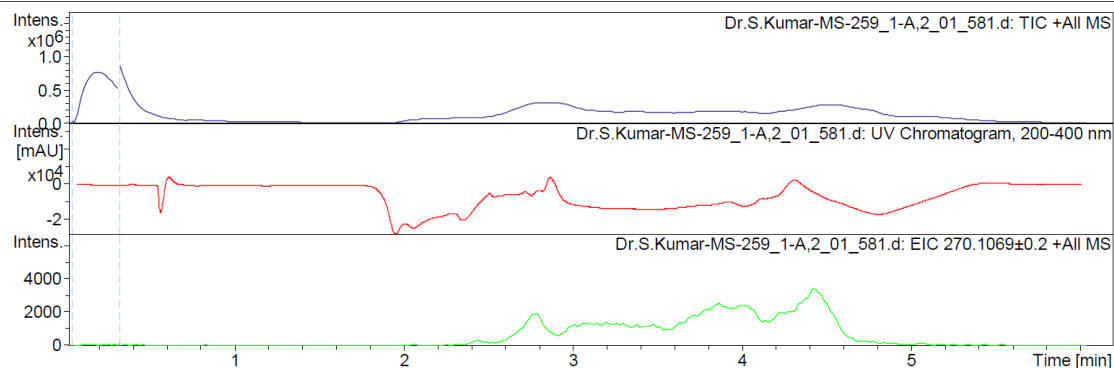
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Analysis Info

Analysis Name D:\Data\user data\2014\OCTMBER\29 OCT\Dr.S.Kumar-MS-259_1-A,2_01_581.d
Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-259
Comment
Acquisition Date 11/29/2014 10:15:17 AM
Operator RUCHI
Instrument microTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



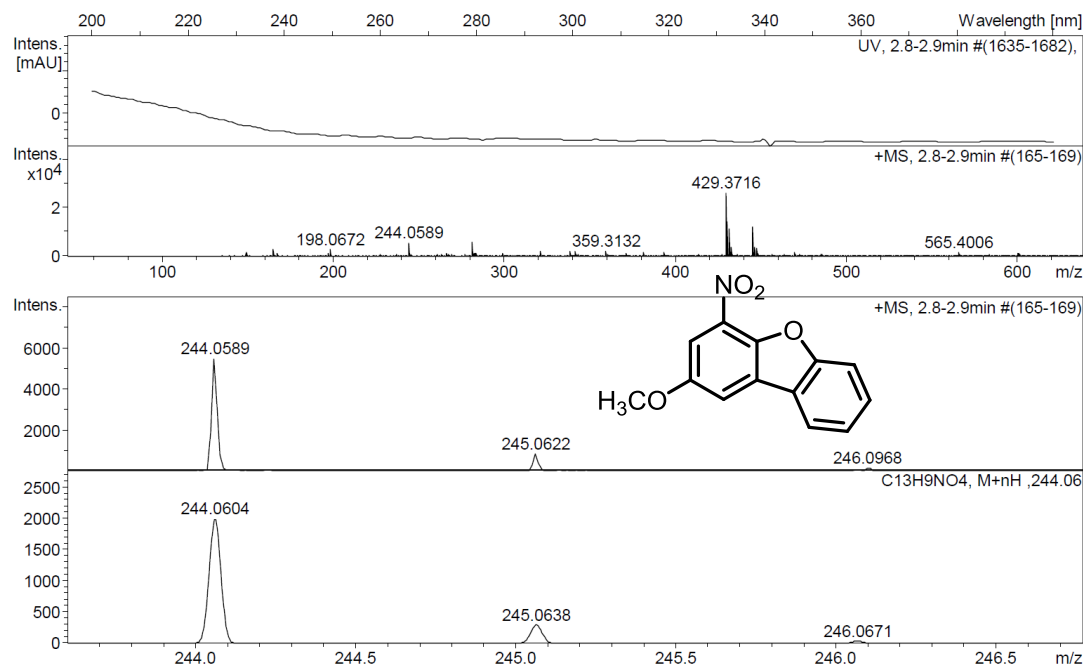
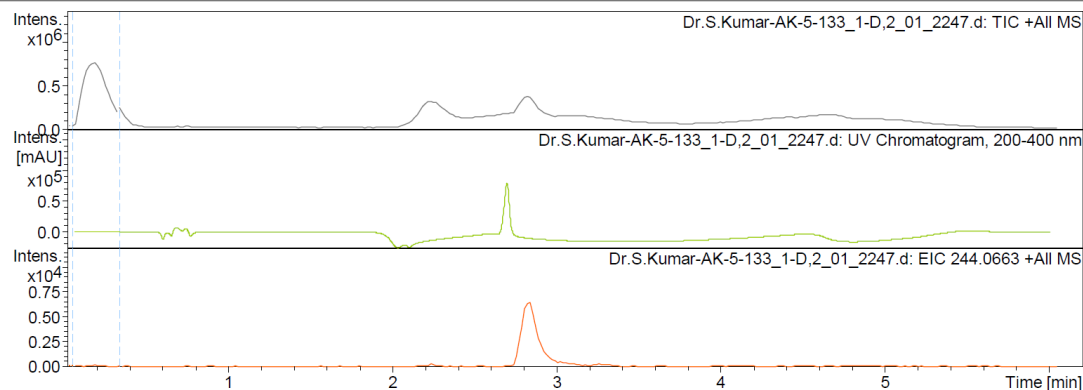
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Analysis Info

Analysis Name D:\Data\user data\2014\APRIL\09 APR\Dr.S.Kumar-AK-5-133_1-D,2_01_2247.d Acquisition Date 4/10/2014 1:16:14 AM
Method HRLCMS-20 Sept.m Operator Amit
Sample Name Dr.S.Kumar-AK-5-133 Instrument micrOTOF-Q II 10330
Comment

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\NOVEMBER\27 nov\Dr.S.Kumar-MS-333.d

Method tune_low_APCI.m

Sample Name MS-333

Comment

Acquisition Date 11/27/2014 11:56:05 AM

Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type

APCI

Ion Polarity

Negative

Set Nebulizer

2.5 Bar

Focus

Not active

Set Capillary

3500 V

Set Dry Heater

200 °C

Scan Begin

50 m/z

Set End Plate Offset

-500 V

Set Dry Gas

4.0 l/min

Scan End

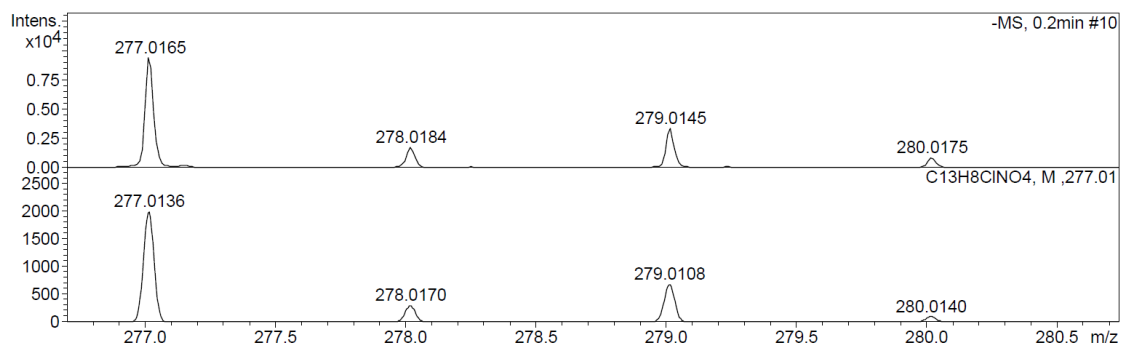
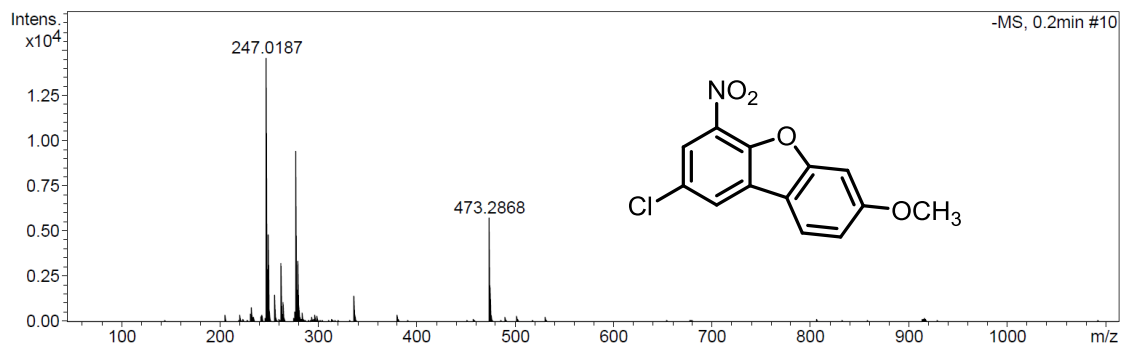
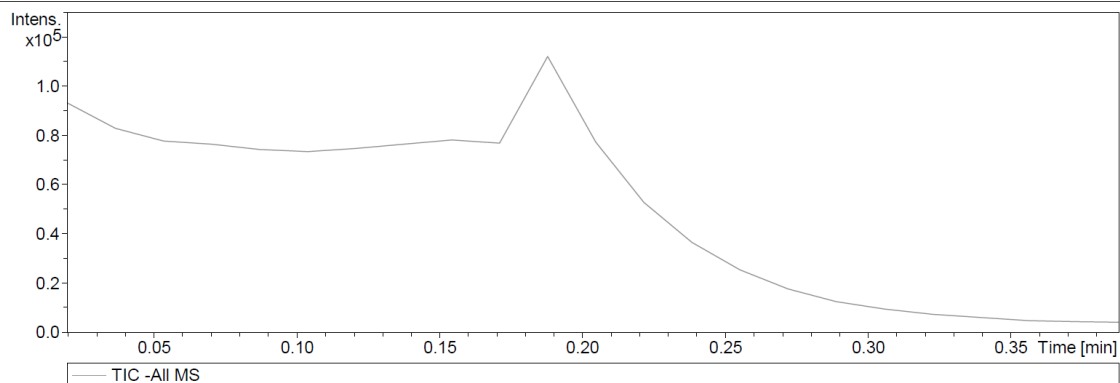
3000 m/z

Set Collision Cell RF

130.0 Vpp

Set Divert Valve

Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\DECEMBER\11 dec\Dr.S.Kumar-MS-2-6-R.d

Method tune_low_APCI.m

Sample Name MS-2-6-R

Comment

Acquisition Date 12/11/2014 12:27:59 PM

Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type

APCI

Ion Polarity

Negative

Set Nebulizer

2.5 Bar

Focus

Not active

Set Capillary

3500 V

Set Dry Heater

200 °C

Scan Begin

50 m/z

Set End Plate Offset

-500 V

Set Dry Gas

4.0 l/min

Scan End

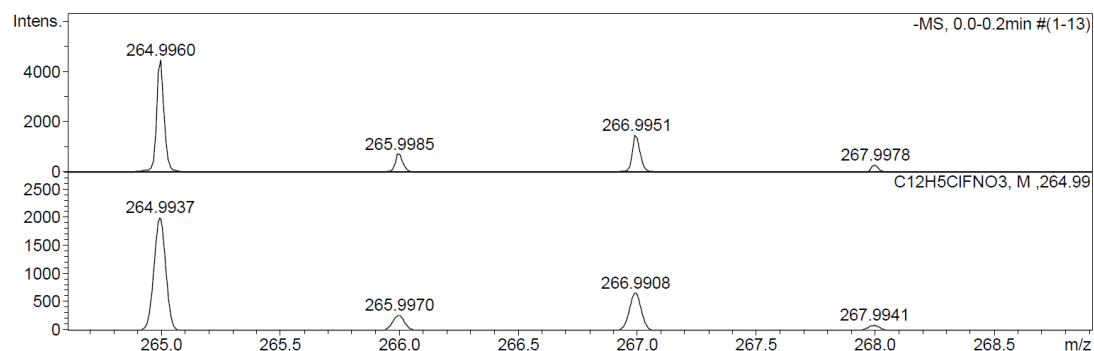
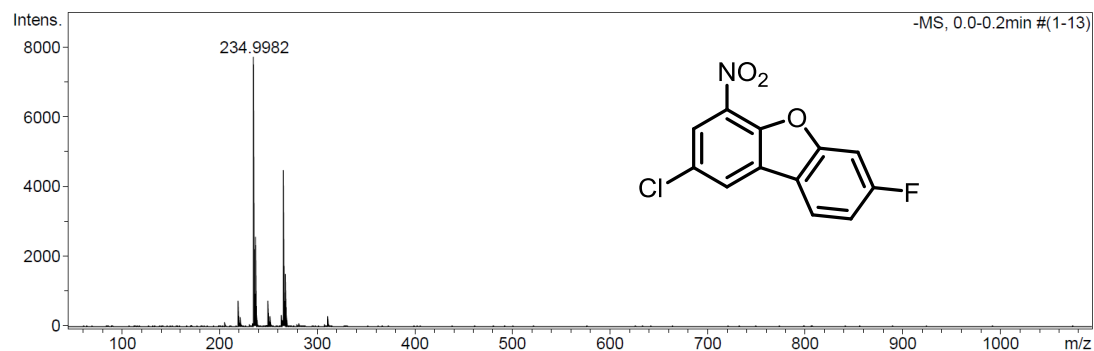
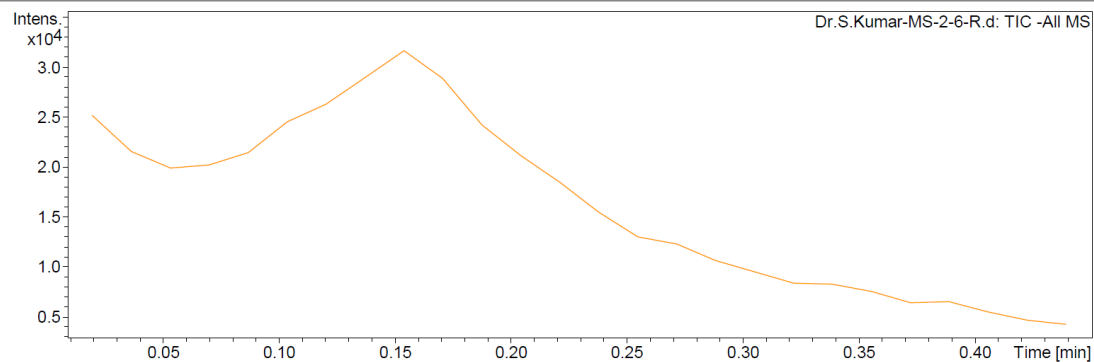
3000 m/z

Set Collision Cell RF

130.0 Vpp

Set Divert Valve

Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2015\JAN-2015\12-JAN-2015\Dr.S.Kumar-AK-5-216_1-C,7_01_1383.d
Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-AK-5-216
Comment

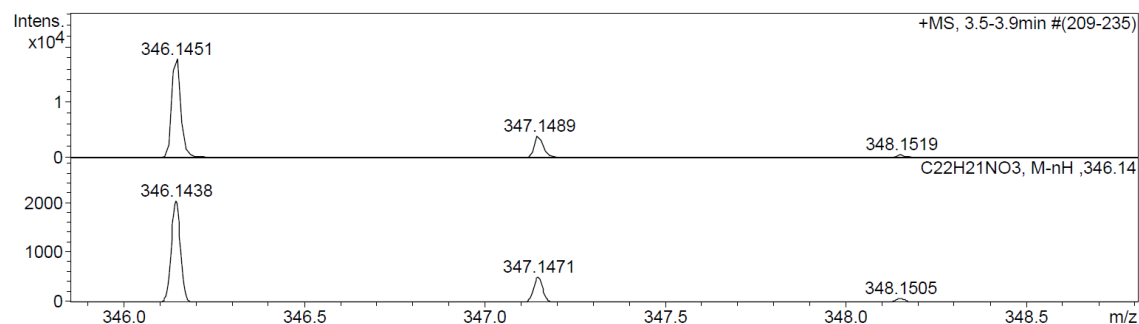
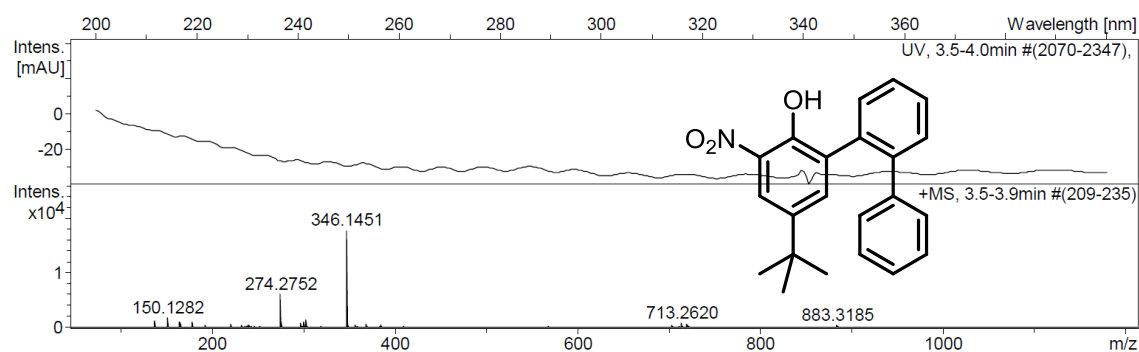
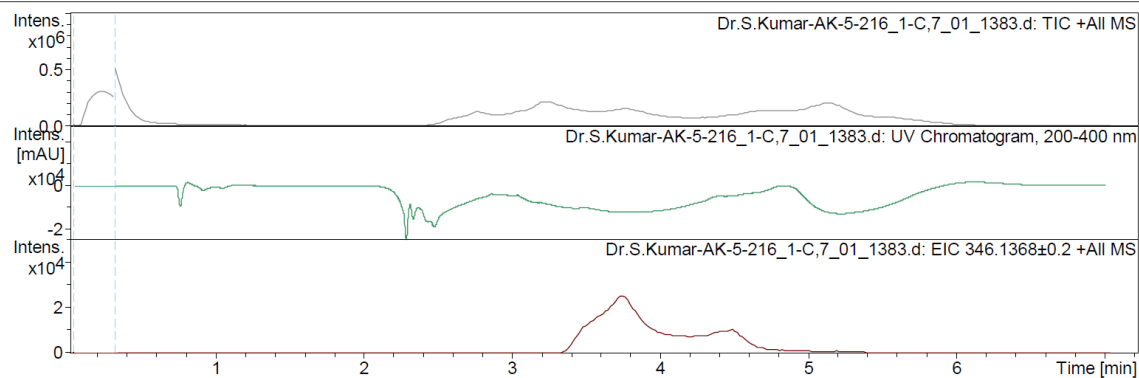
Acquisition Date 1/12/2015 3:49:49 PM

Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\DECEMBER\09 DEC\Dr.S.Kumar-AK-5-205.d

Method tune_low.m

Sample Name AK-5-205

Comment

Acquisition Date 12/9/2014 3:38:21 PM

Operator

RUCHI

Instrument

micrOTOF-Q II 10330

Acquisition Parameter

Source Type

ESI

Ion Polarity

Negative

Set Nebulizer

0.4 Bar

Focus

Not active

Set Capillary

2500 V

Set Dry Heater

180 °C

Scan Begin

50 m/z

Set End Plate Offset

-500 V

Set Dry Gas

4.0 l/min

Scan End

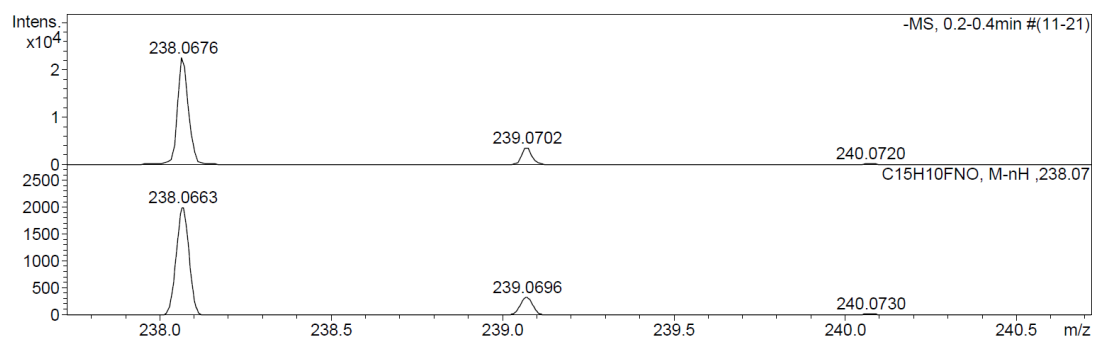
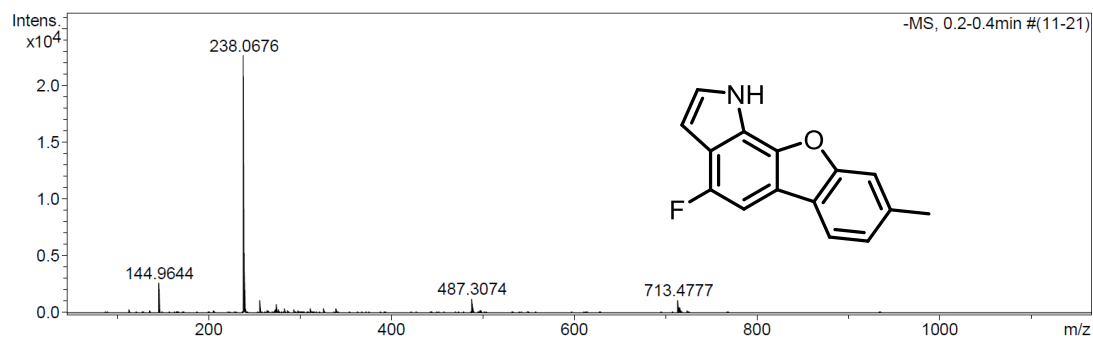
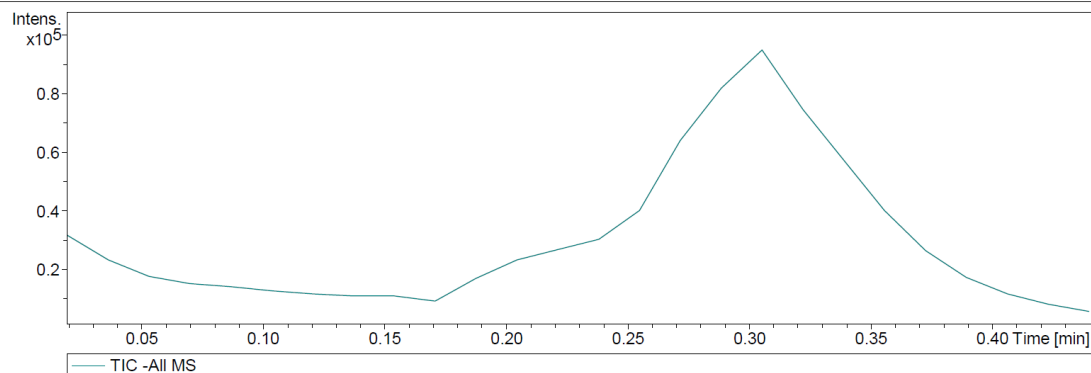
3000 m/z

Set Collision Cell RF

130.0 Vpp

Set Divert Valve

Waste



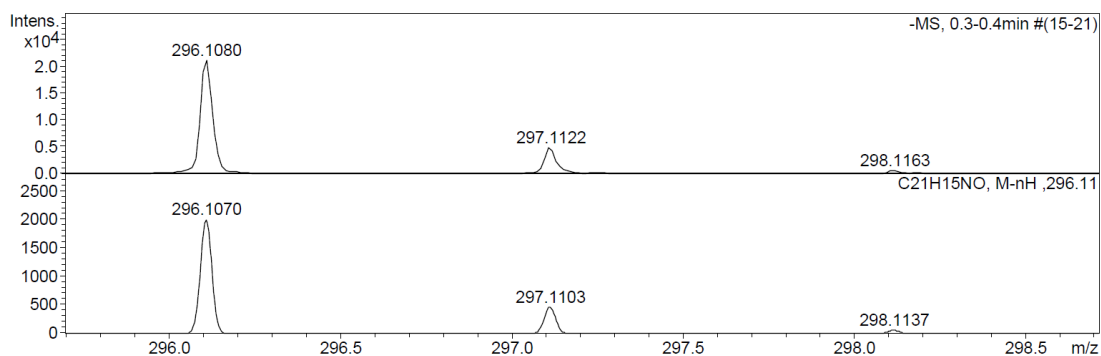
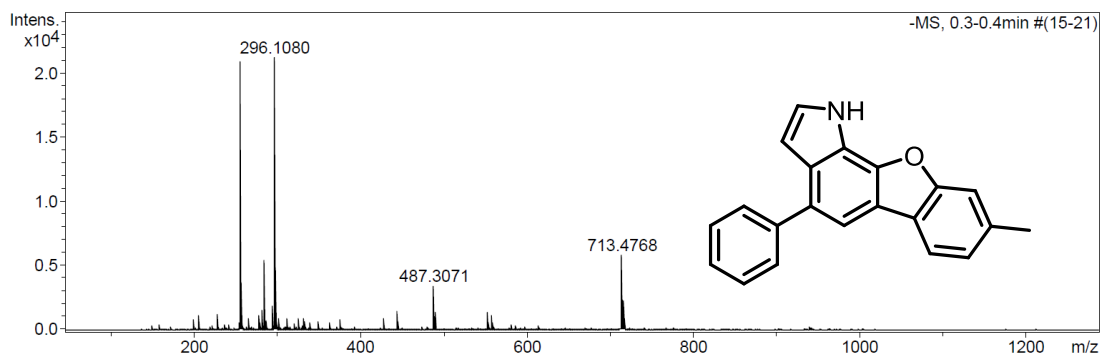
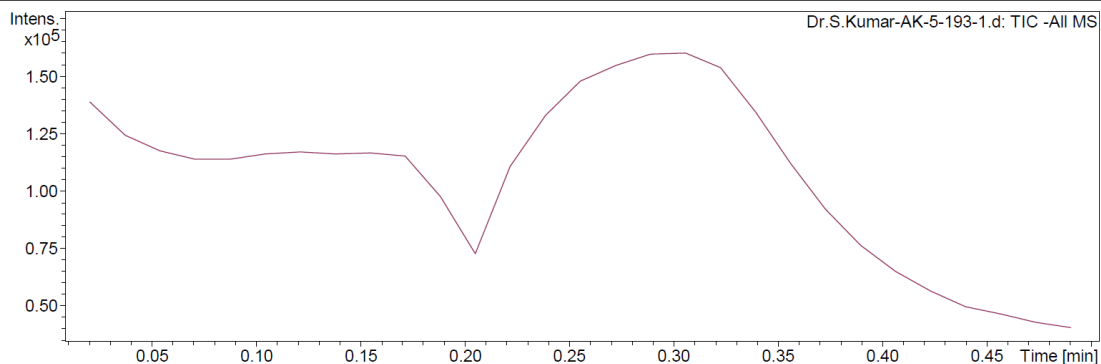
Display Report

Analysis Info

Analysis Name	D:\Data\user data\2014\NOVEMBER\24 NOV\Dr.S.Kumar-AK-5-193-1.d	Acquisition Date	11/24/2014 5:37:23 AM
Method	tune_low.m	Operator	RUCHI
Sample Name	AK-5-193-1	Instrument	microTOF-Q II 10330
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	2500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	230.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

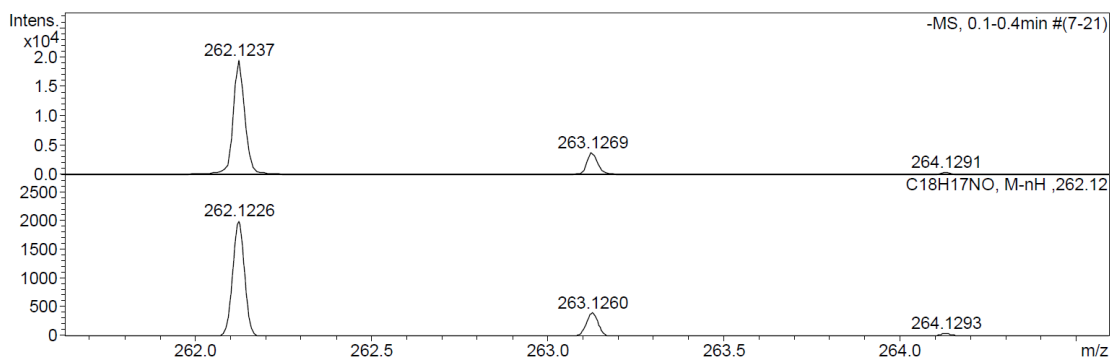
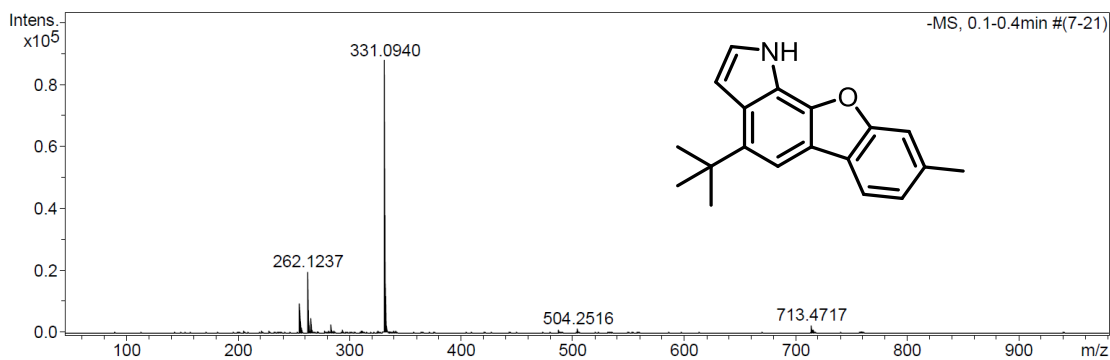
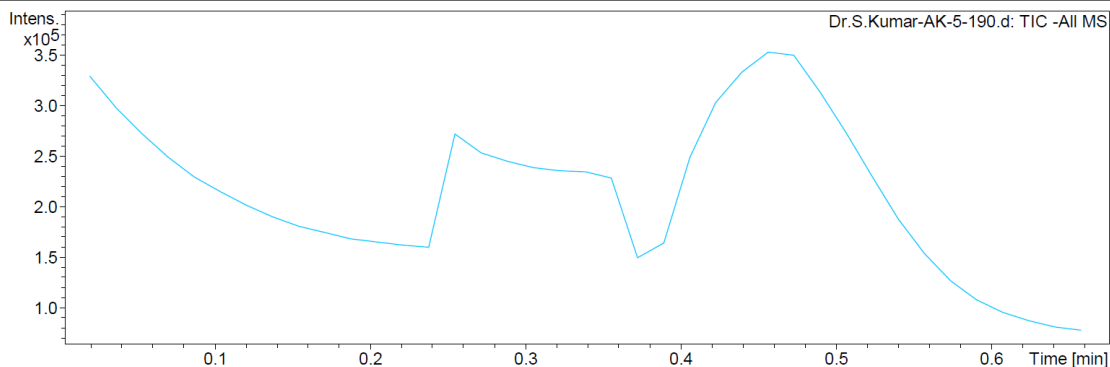
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Method tune_low.m
Sample Name AK-5-190
Comment

Acquisition Date 11/24/2014 5:32:50 AM

Operator RUCHI
Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	2500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\DECEMBER\09 DEC\Dr.S.Kumar-AK-2-13_1-A,4_01_1101.d
Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-AK-2-13
Comment

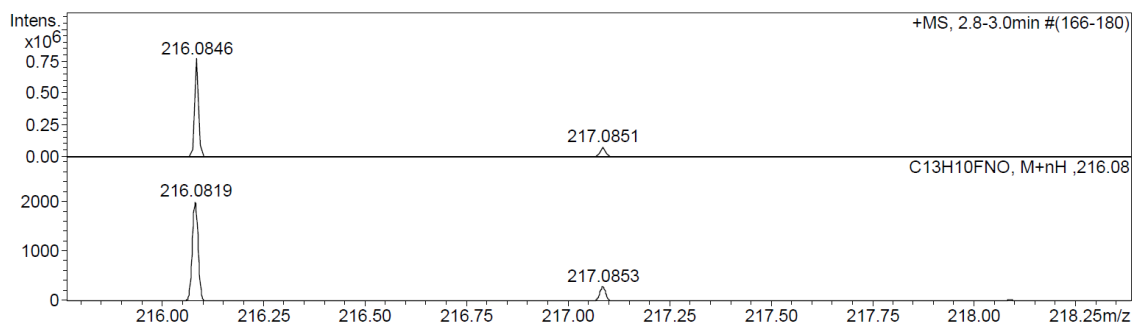
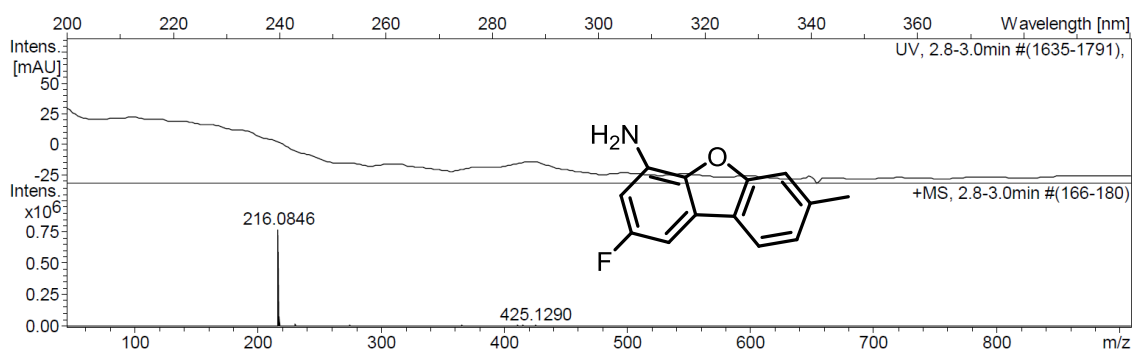
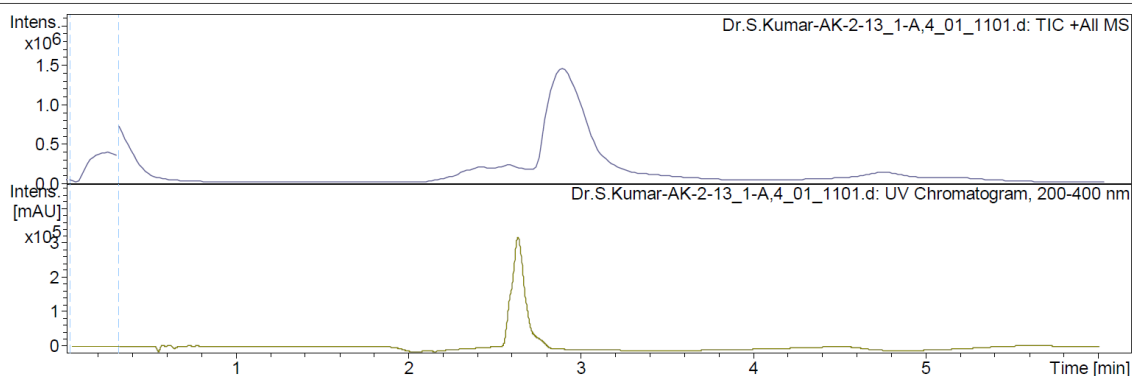
Acquisition Date 12/9/2014 12:05:26 PM

Operator RUCHI

Instrument microTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\NOVEMBER\17 NOV\Dr.S.Kumar-MS-322_1-C,1_01_776.d
Method HRLCMS-20 Sept.m
Sample Name Dr.S.Kumar-MS-322
Comment

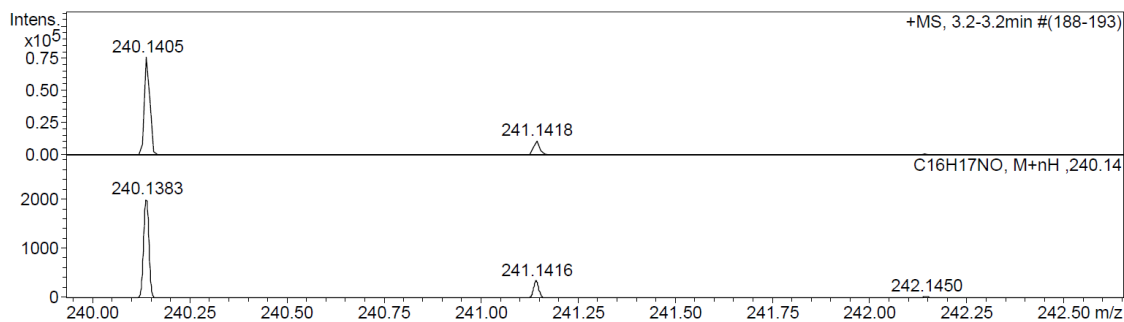
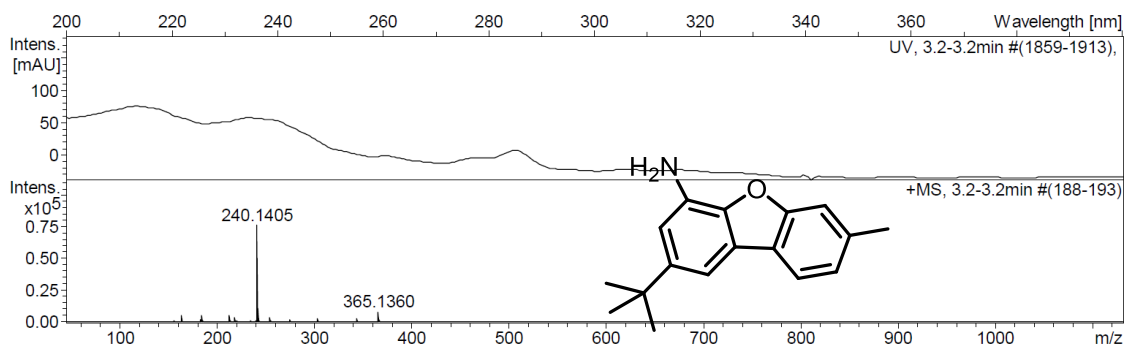
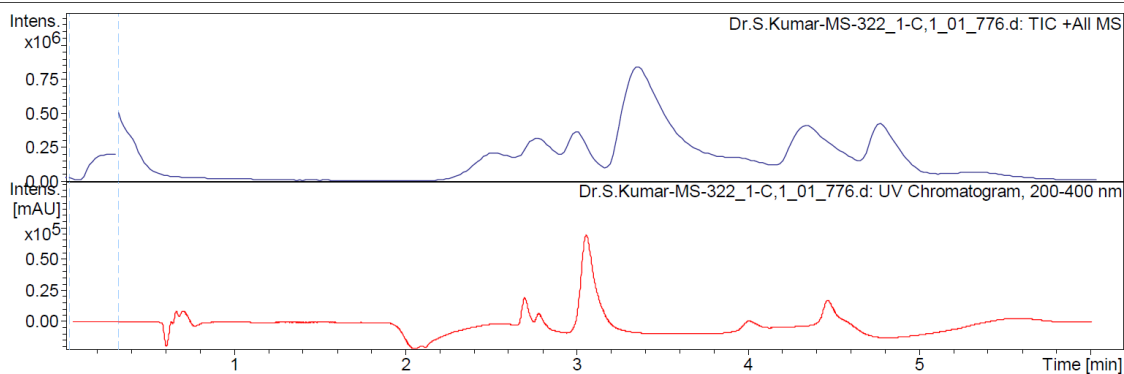
Acquisition Date 11/17/2014 2:29:36 PM

Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	130.0 Vpp	Set Divert Valve	Waste



Display Report

Analysis Info

Analysis Name D:\Data\user data\2014\DECEMBER\09 DEC\Dr.S.Kumar-MS-341_1-A,6_01_1115.d
Method HRLCMS-20 Sept tune wide.m
Sample Name Dr.S.Kumar-MS-341
Comment

Acquisition Date 12/9/2014 2:49:18 PM

Operator RUCHI

Instrument micrOTOF-Q II 10330

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Not active	Set Capillary	4500 V	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	7.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	600.0 Vpp	Set Divert Valve	Waste

