

Supporting information for:

Silent, fluorescent labeling of native neuronal receptors.

Devaiah Vytla¹, Rosamund E. Combs-Bachmann², Amanda M. Hussey¹, Ismail Hafez³, James J. Chambers^{1,2}

¹ *Department of Chemistry, University of Massachusetts Amherst, Amherst, MA 01003*

² *Neuroscience and Behavior Program, University of Massachusetts Amherst, Amherst, MA 01003*

³ *Brain Research Centre, University of British Columbia, British Columbia, Canada*



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Mass Spectrum SmartFormula Report

Analysis Info

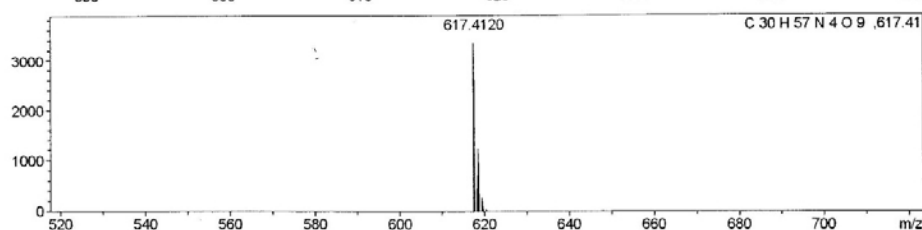
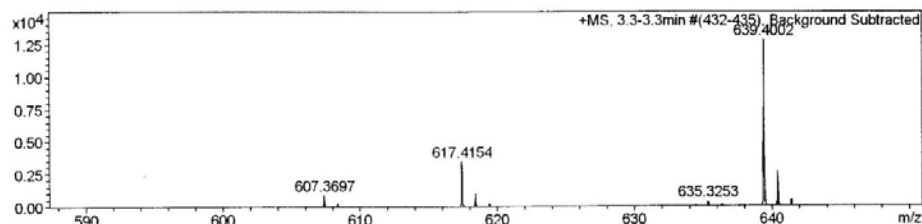
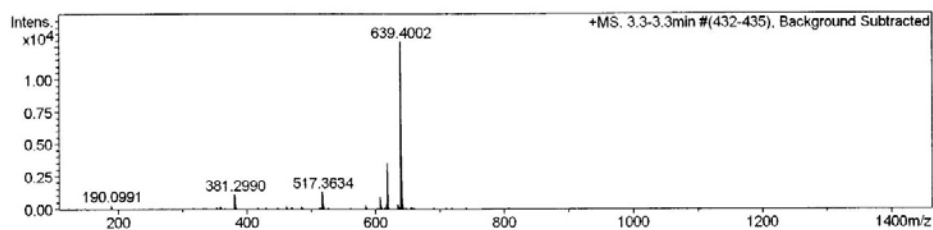
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Comment in CH3CN

Acquisition Date 7/20/2011 2:02:07 PM

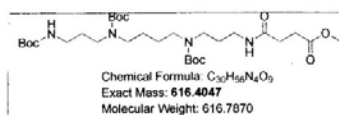
Operator Nonka Sevova
Instrument / Ser# micrOTOF 10314

Acquisition Parameter

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Scan End	3000 m/z	n/a	n/a	Set Divert Valve	Source



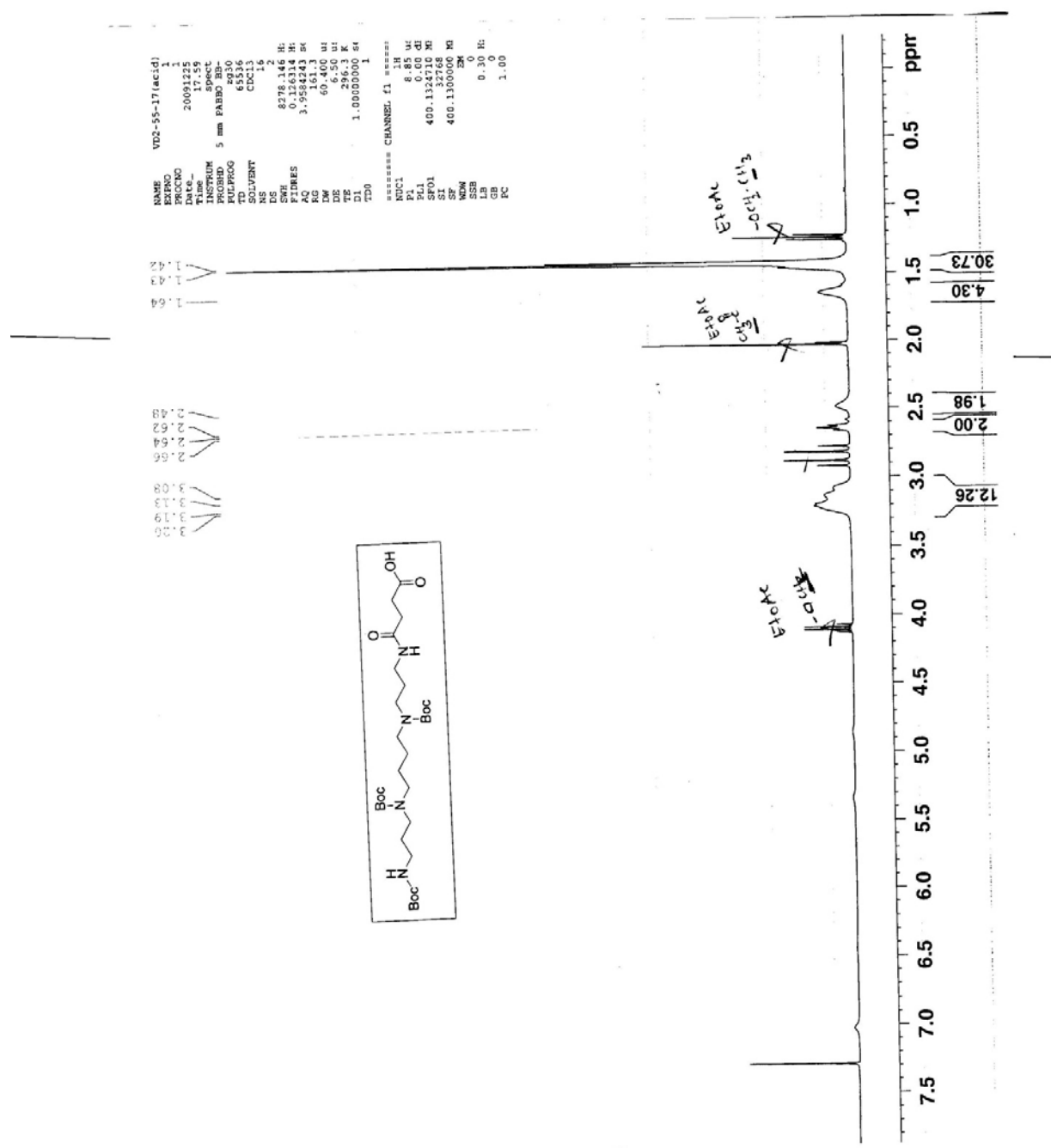
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Analysis Info

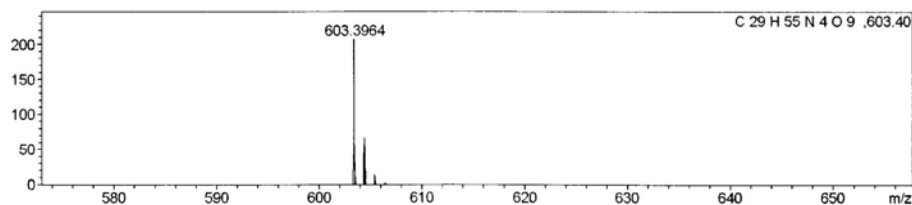
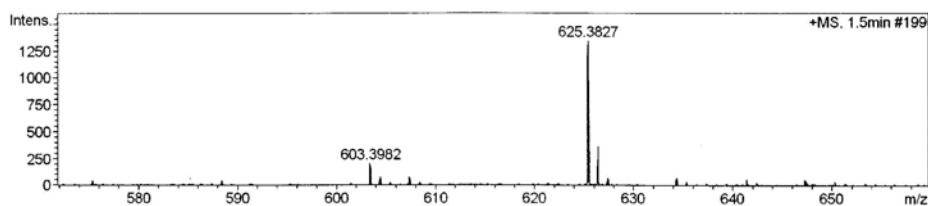
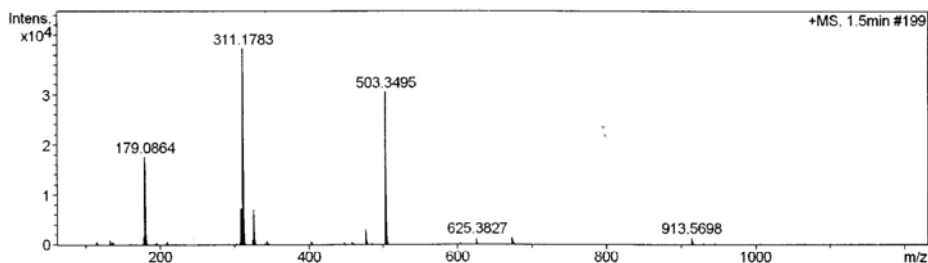
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Comment in CH3CN

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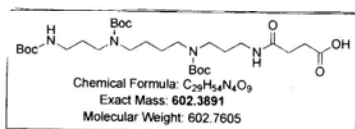
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Instrument / Ser# micrOTOF 10314

Acquisition Parameter

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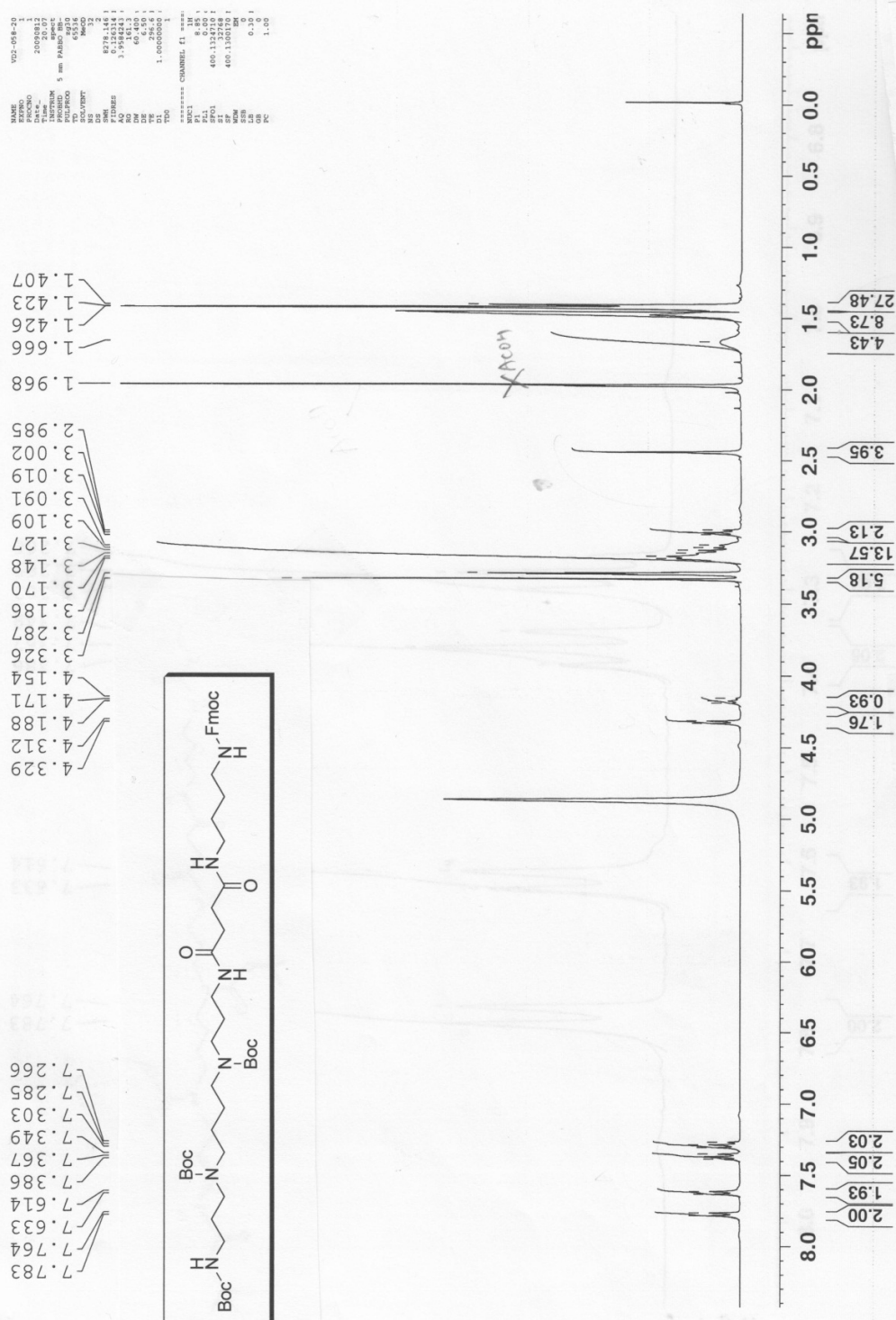
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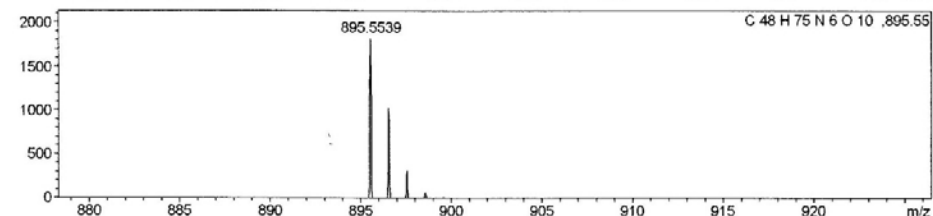
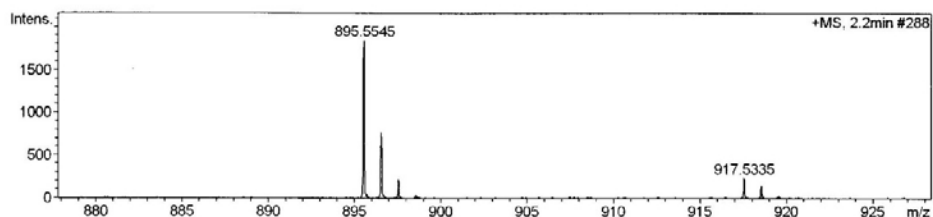
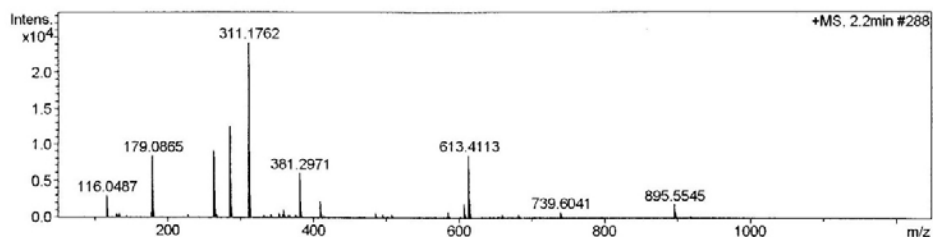
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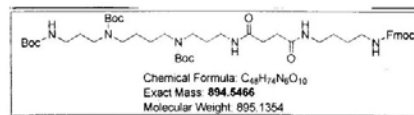
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Instrument / Ser# micrOTOF 10314

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
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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	n/a	n/a	Set Divert Valve	Source



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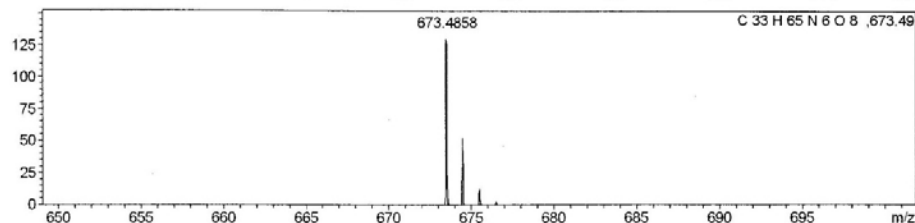
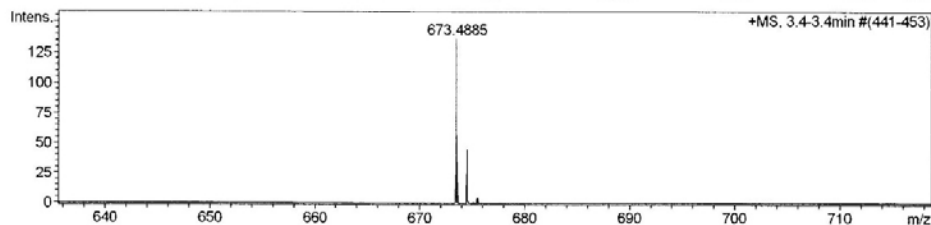
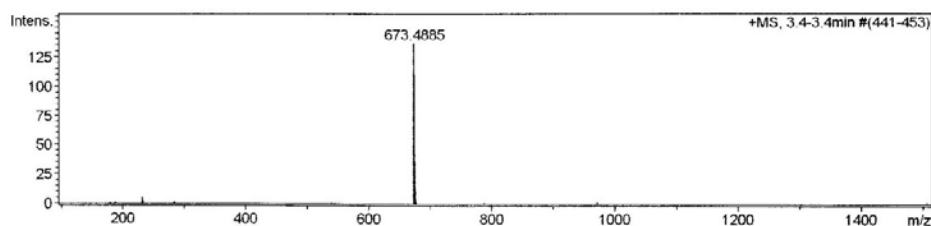
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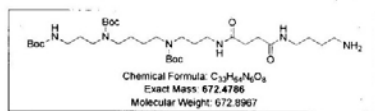
Operator Nonka Sevova
Instrument / Ser# micrOTOF 10314

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	4500 V	Set Dry Heater	180 °C
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Scan End	3000 m/z	n/a	n/a	Set Divert Valve	Source



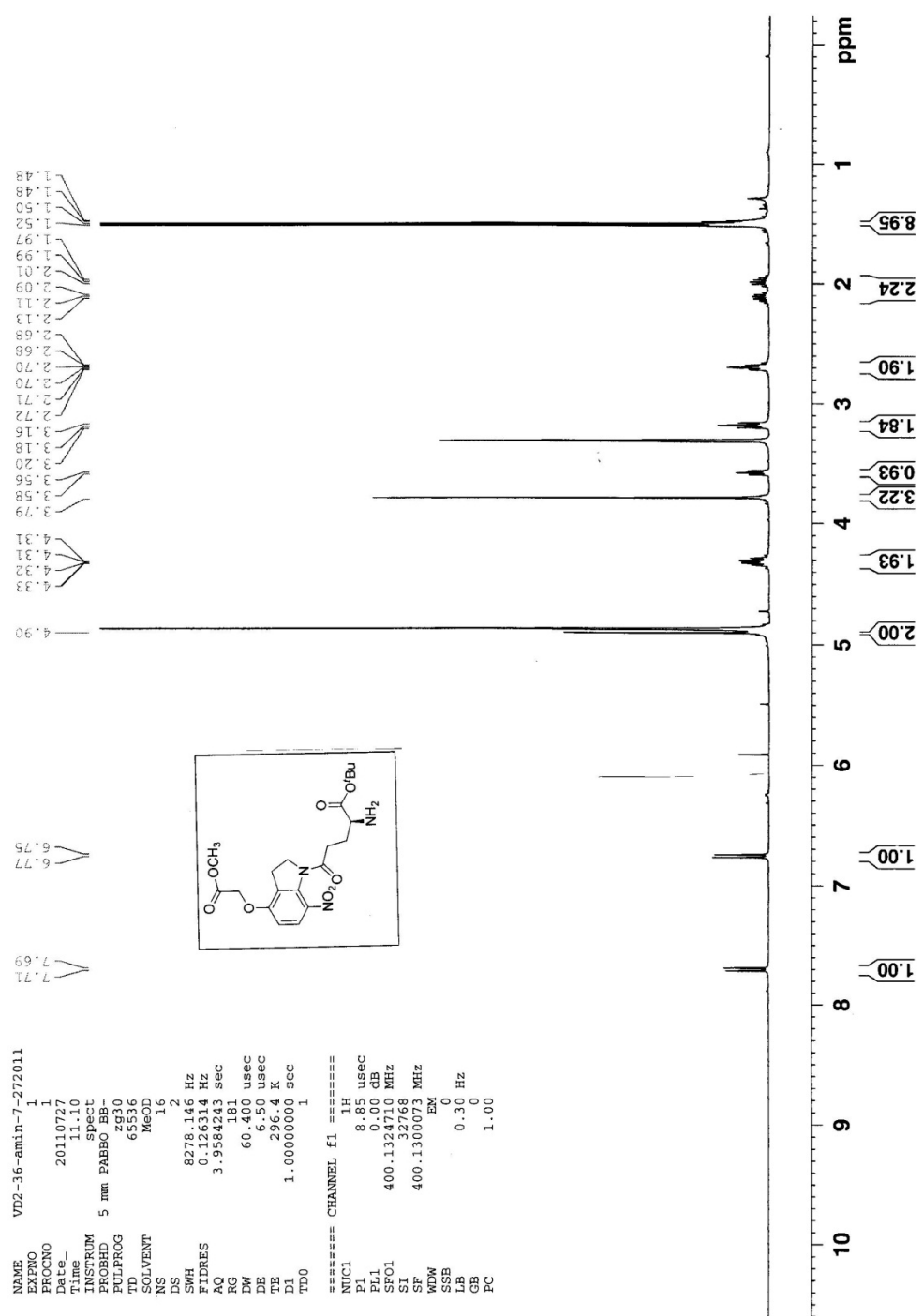
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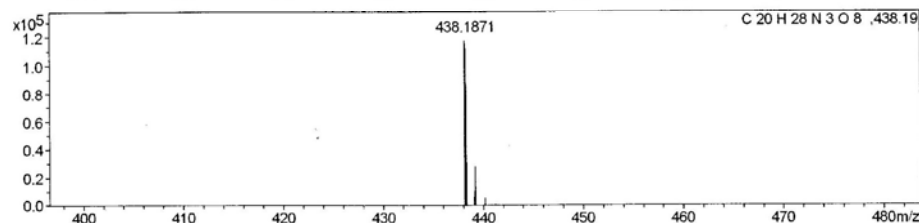
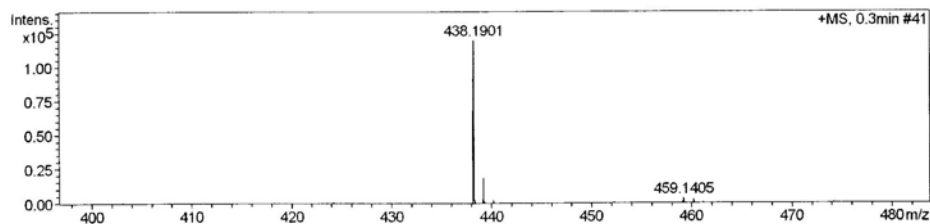
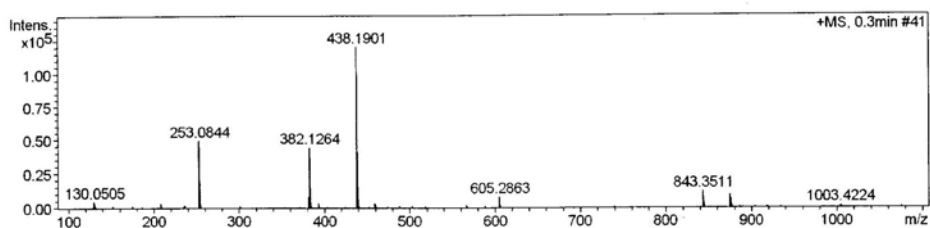
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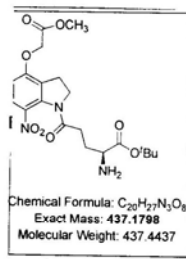
Operator Nonka Sevova
Instrument / Ser# micrOTOF 10314

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	4500 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	n/a	n/a	Set Divert Valve	Source



Meas. m/z	#	Formula	m/z	err [ppm]	Mean err [ppm]	rdb	N-Rule	e ⁻ Conf
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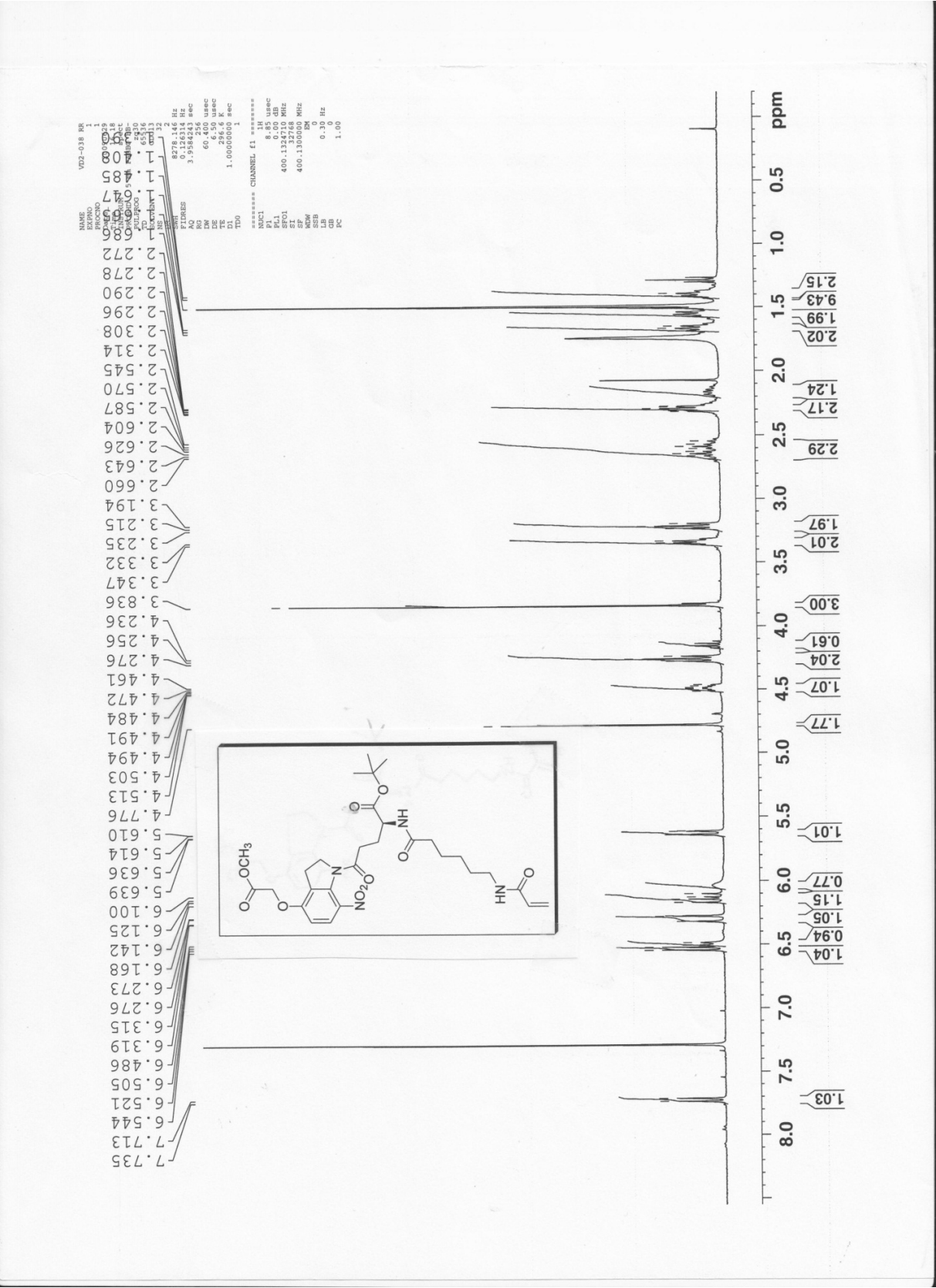


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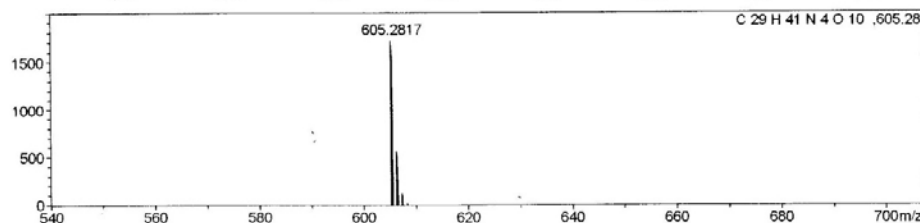
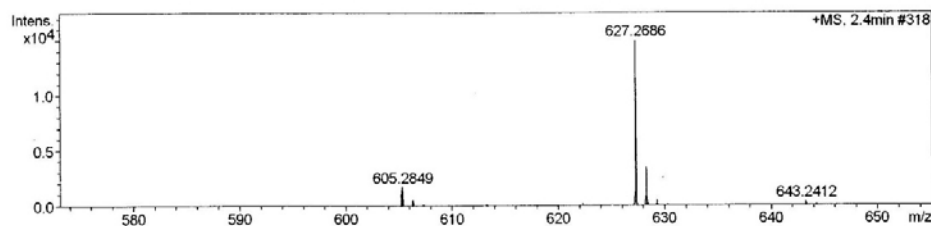
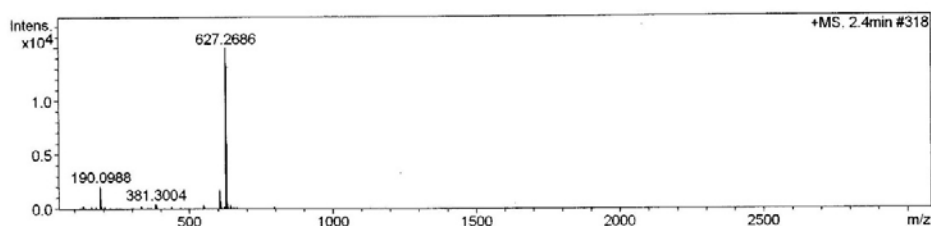
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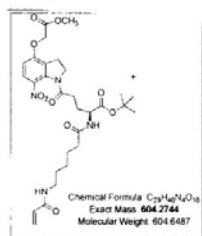
Operator Nonka Sevova
Instrument / Ser# micrOTOF 10314

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	4500 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	n/a	n/a	Set Divert Valve	Source



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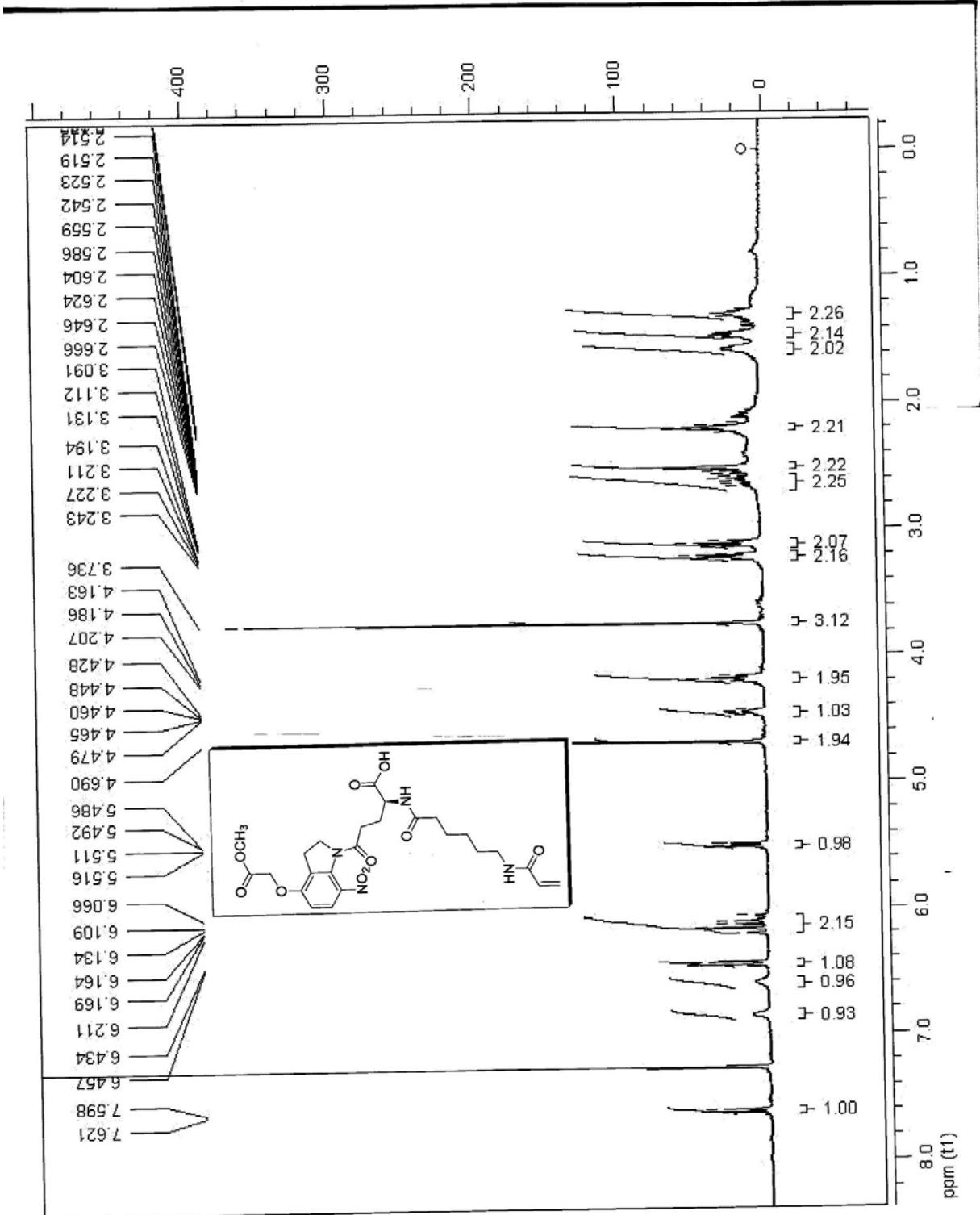


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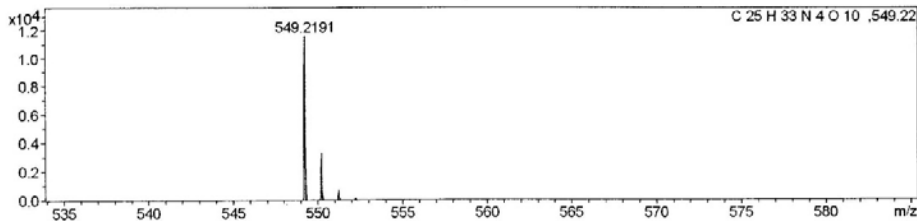
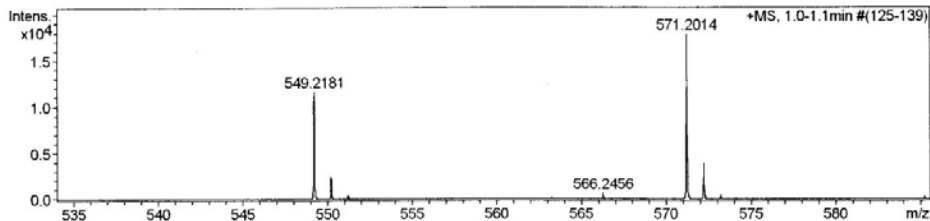
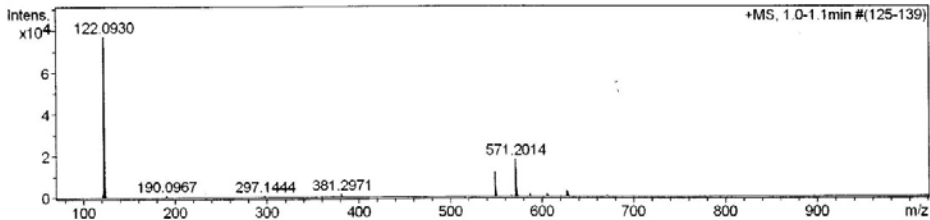
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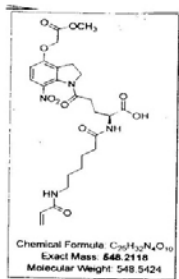
Operator Nonka Sevova
Instrument / Ser# micrOTOF 10314

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	4500 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	n/a	n/a	Set Divert Valve	Source



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Analysis 4.0

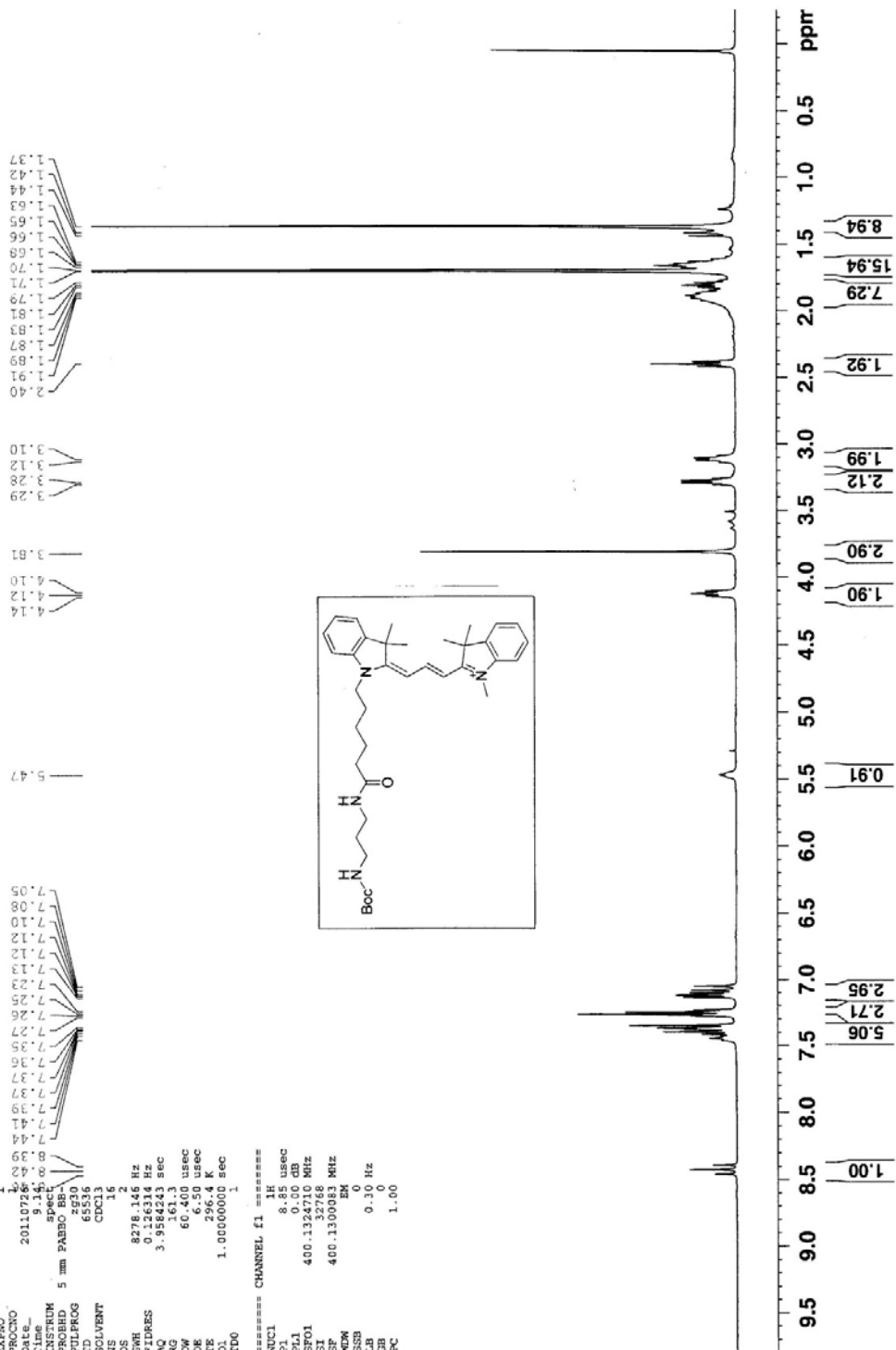
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PROCNO 1
Date_ 20110726
Time 9.14
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PULPROG zgpg30
TD 65536
SOLVENT CDCl3
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DS 2
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FIDRES 0.126314 Hz
AQ 3.9554613 sec
RG 321.3
RW 60.400 usec
DE 6.50 usec
TE 296.4 K
D1 1.00000000 sec
D11 1
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NUC1 1H
P1 8.85 usec
PL1 0.00 dB
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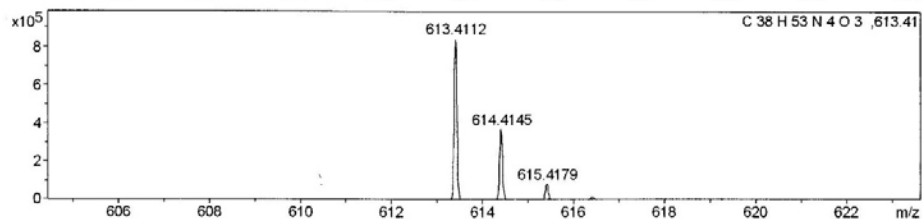
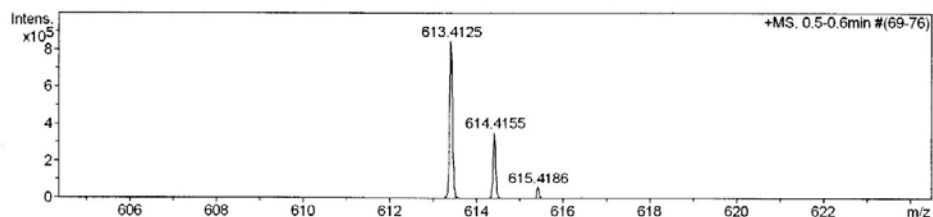
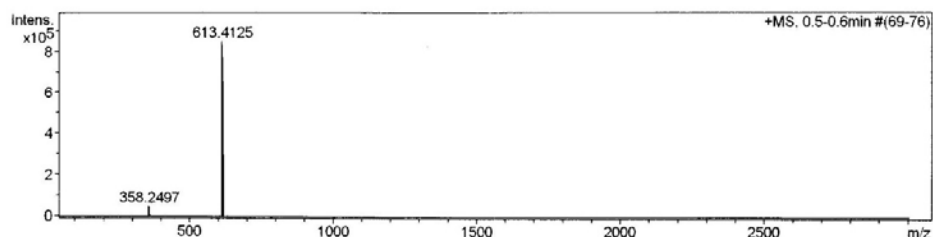
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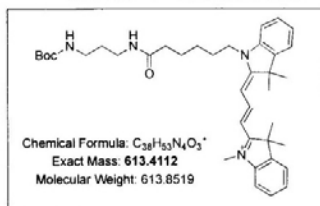
Operator Nonka Sevova
Instrument / Ser# micrOTOF 10314

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	4500 V	Set Dry Heater	180 °C
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Scan End	3000 m/z	n/a	n/a	Set Divert Valve	Source



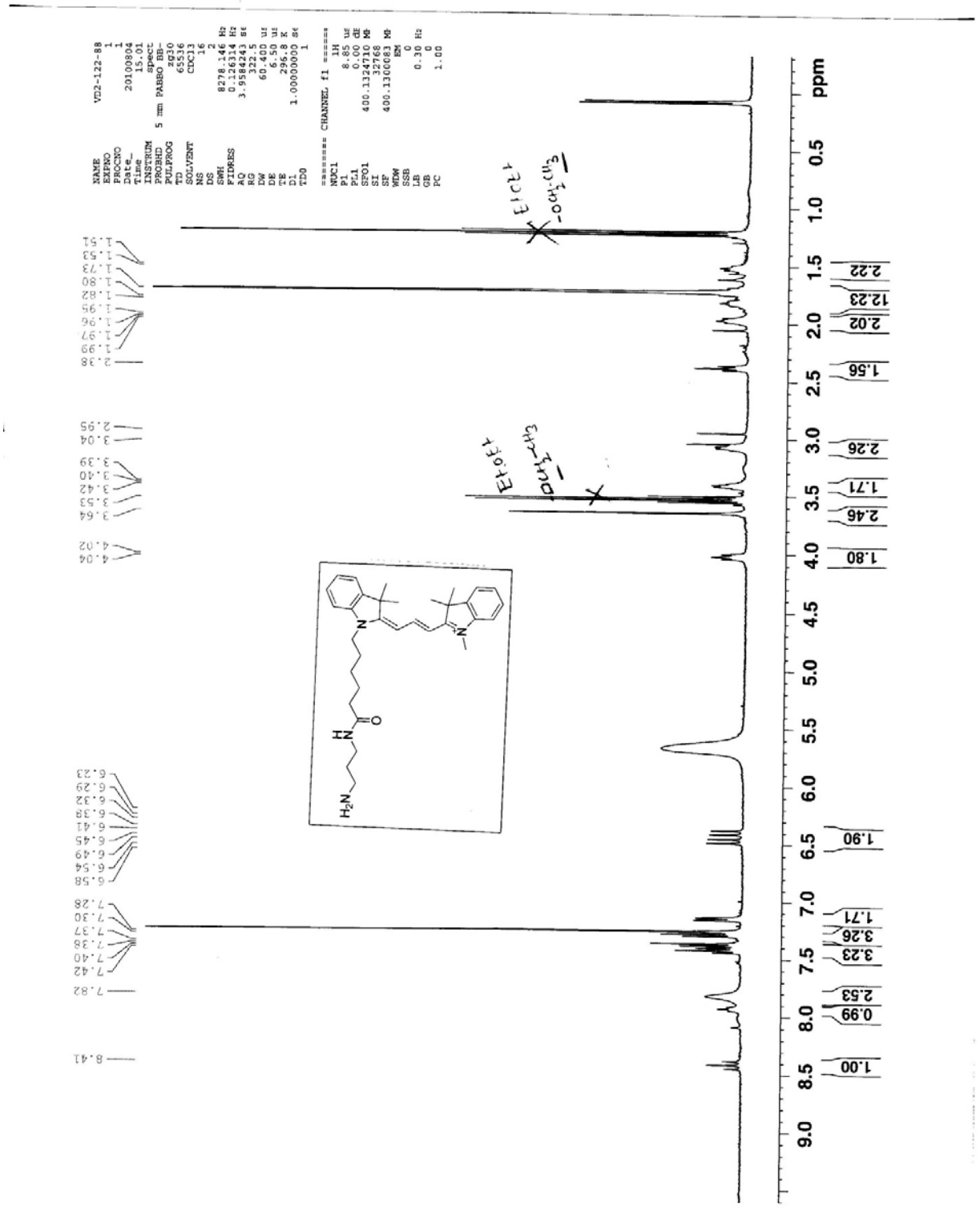
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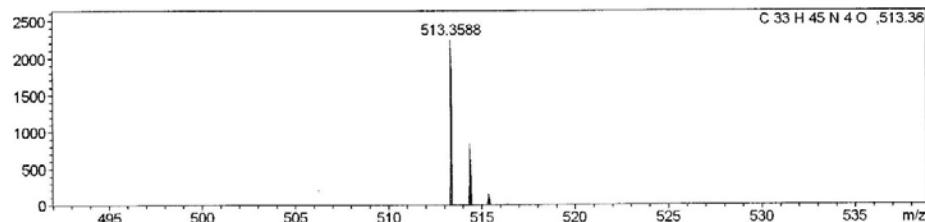
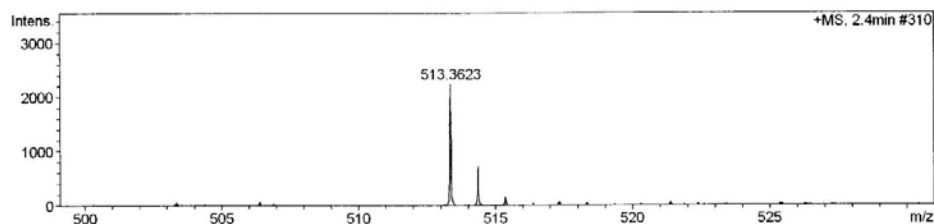
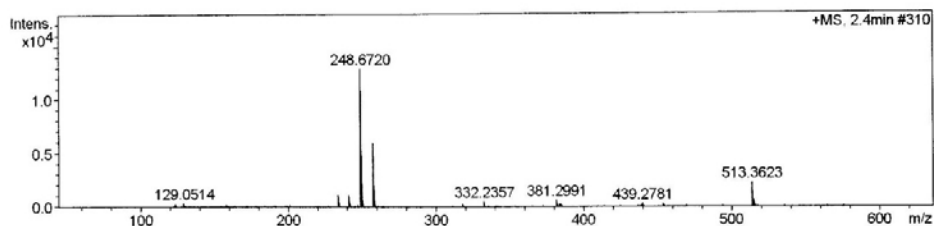
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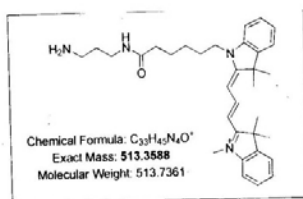
Operator Nonka Sevova
Instrument / Ser# micrOTOF 10314

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	4500 V	Set Dry Heater	180 °C
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Scan End	3000 m/z	n/a	n/a	Set Divert Valve	Source



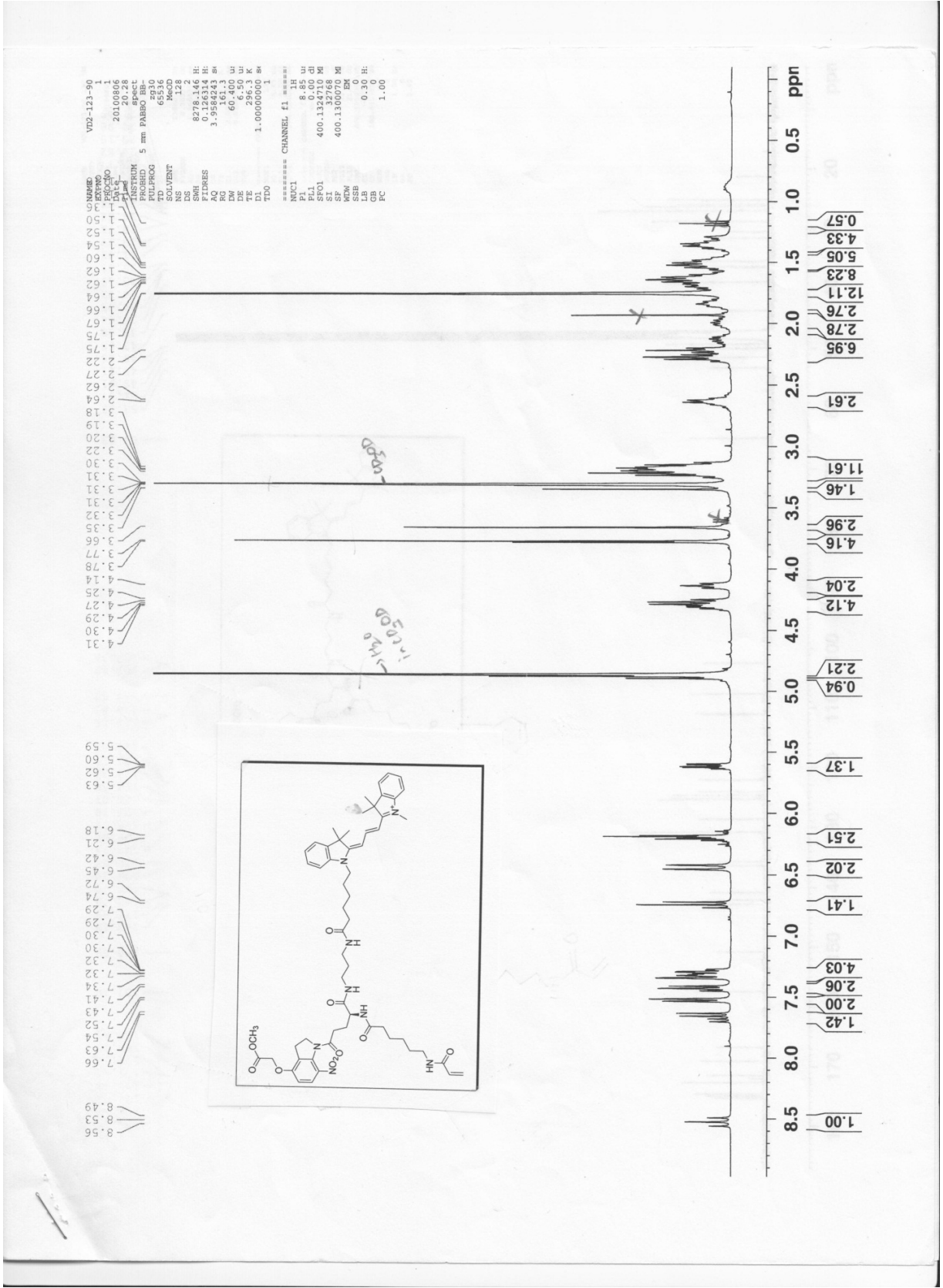
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Analysis Info

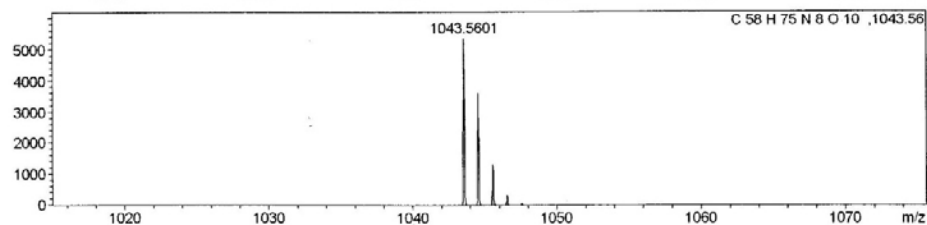
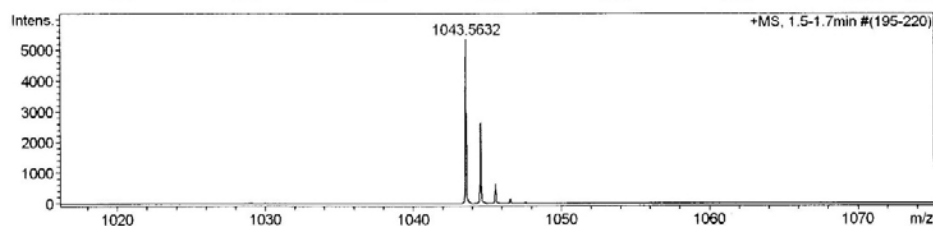
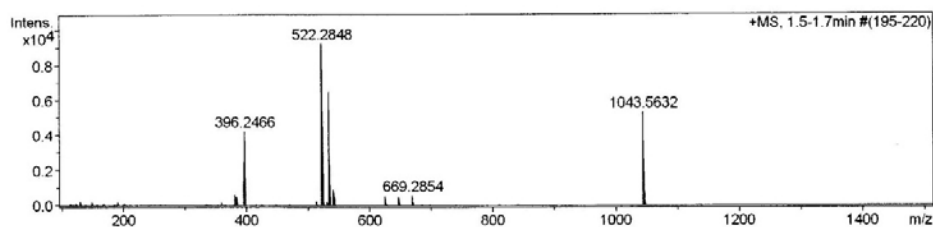
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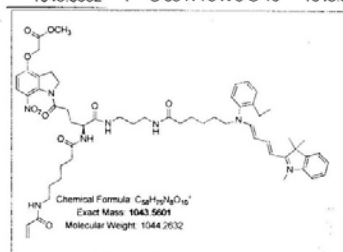
Operator Nonka Sevova
Instrument / Ser# microTOF 10314

Acquisition Parameter

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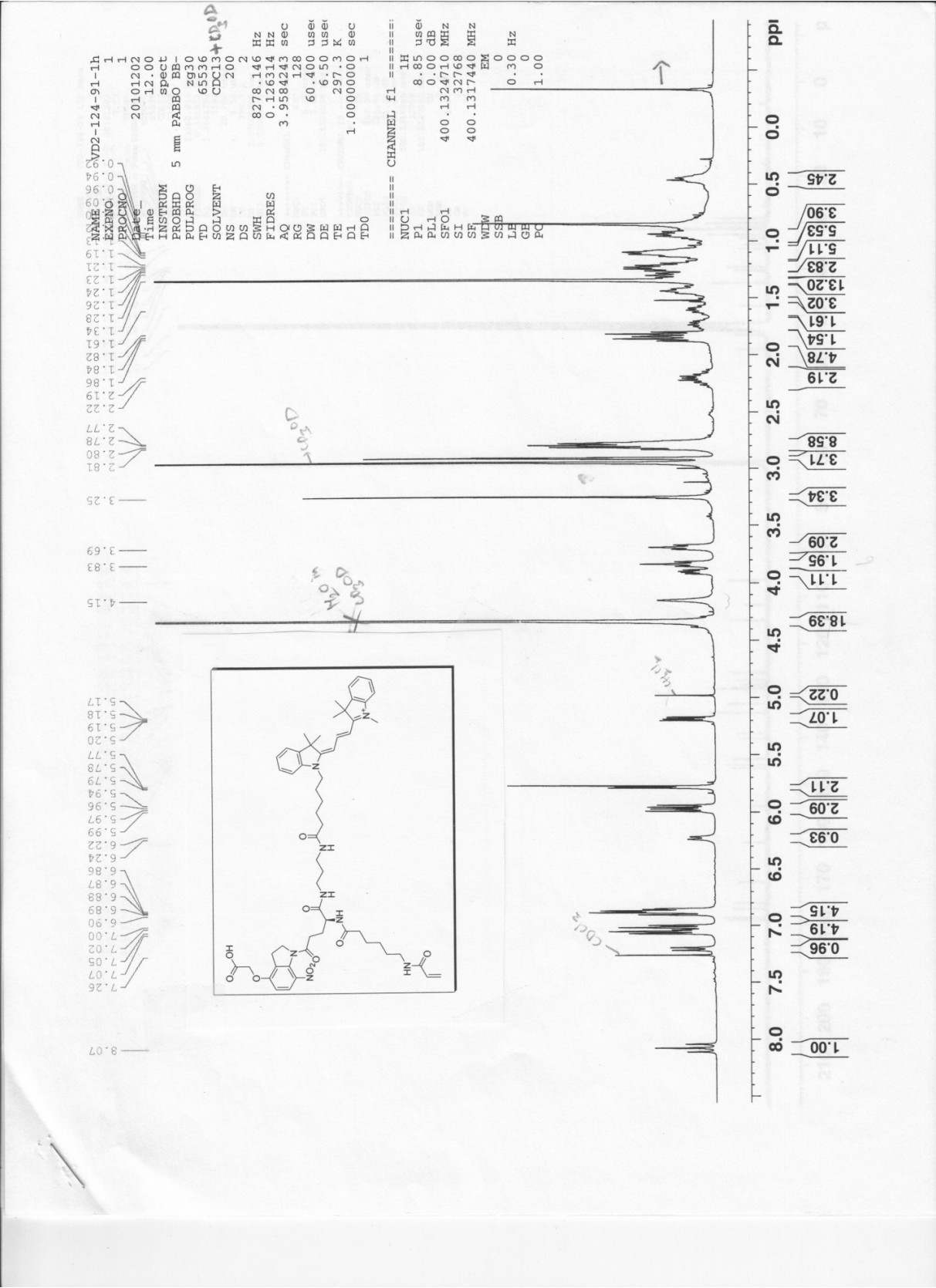
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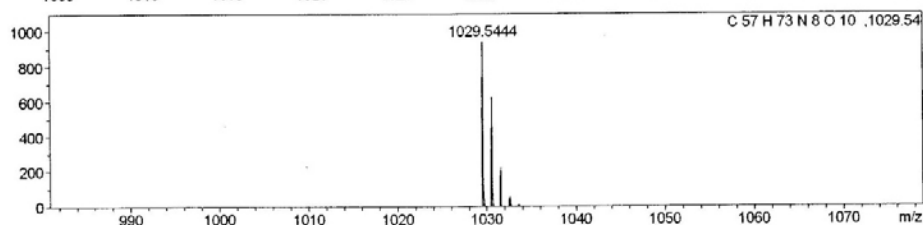
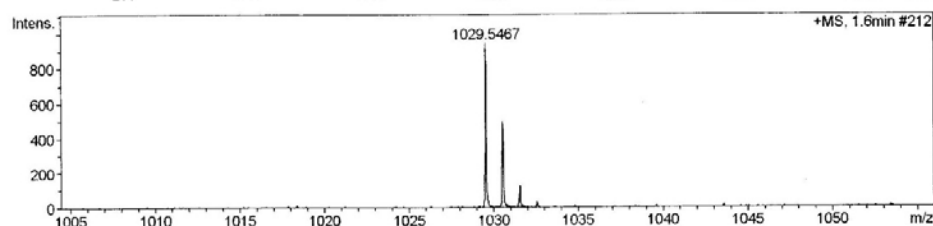
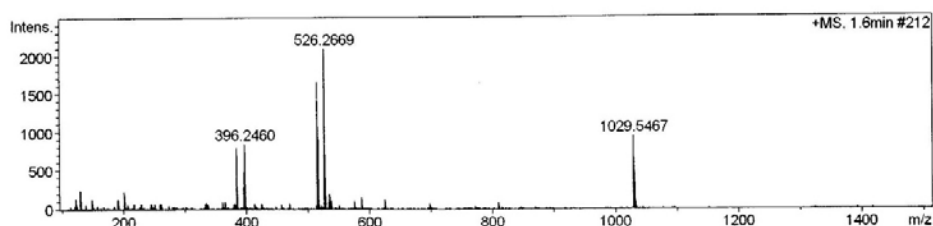
Analysis Name D:\Data\072011\ms8931 -ESI-1.d
Method cal100-1200.m
Sample Name comp9 VD2-124-91
Comment in CH3CN

Acquisition Date 7/20/2011 1:45:18 PM

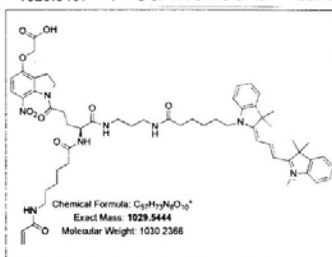
Operator Nonka Sevova
Instrument / Ser# micrOTOF 10314

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Not active	Set Capillary	4500 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	n/a	n/a	Set Divert Valve	Source



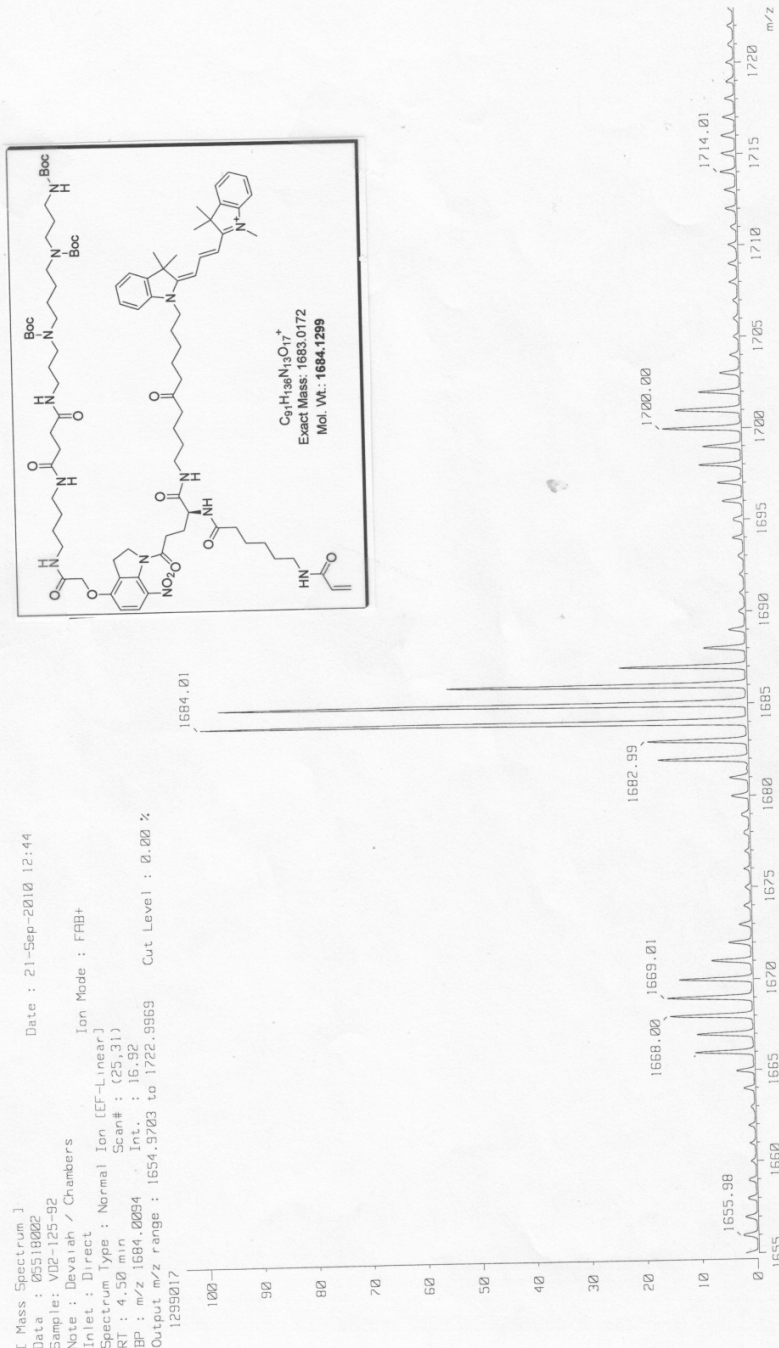
Meas. m/z	#	Formula	m/z	err [ppm]	Mean err [ppm]	rdB	N-Rule	e ⁻ Conf
1029.5467	1	C ₅₇ H ₇₃ N ₈ O ₁₀	1029.5444	-2.2	-1.4	25.5	ok	even

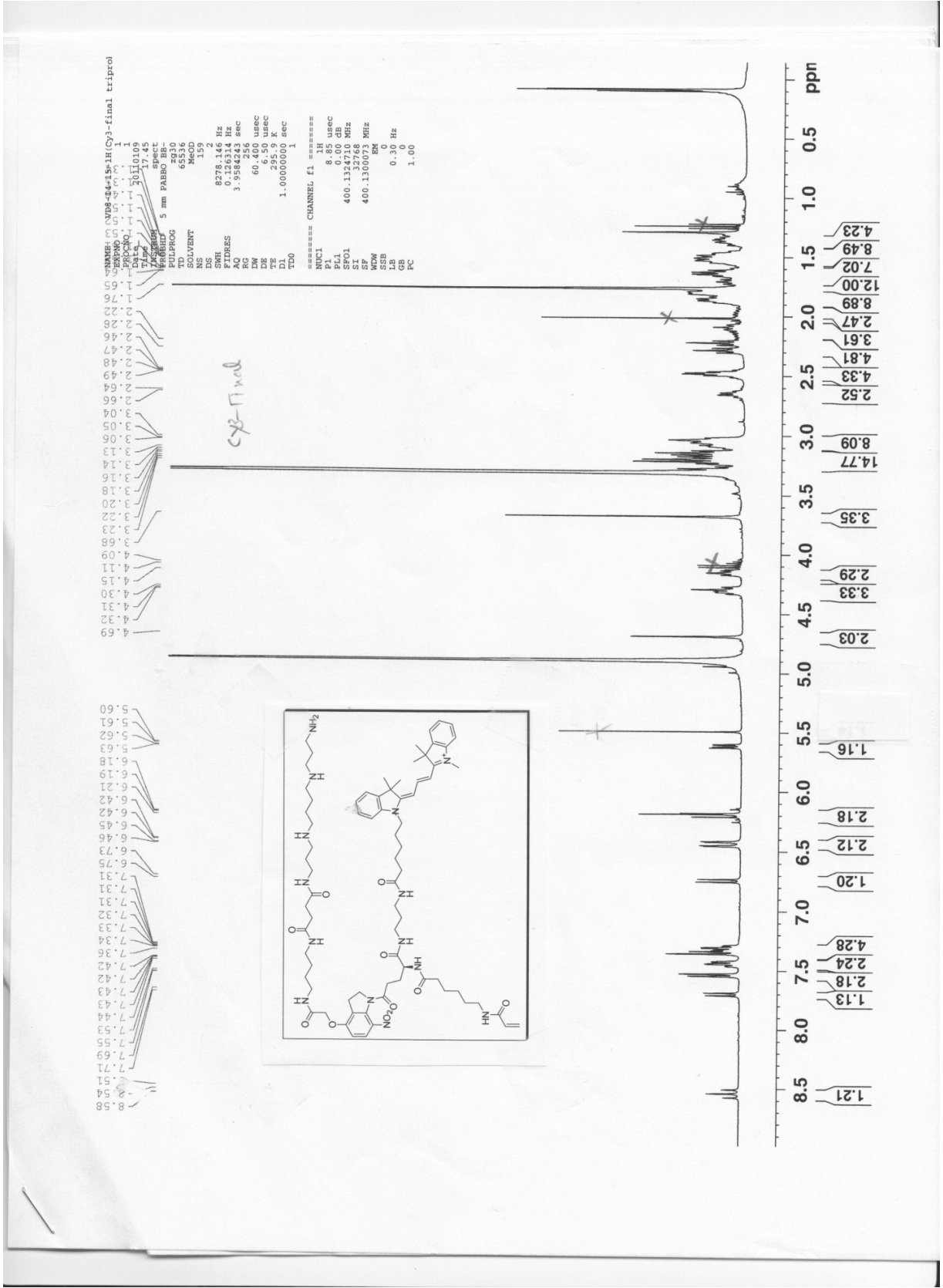


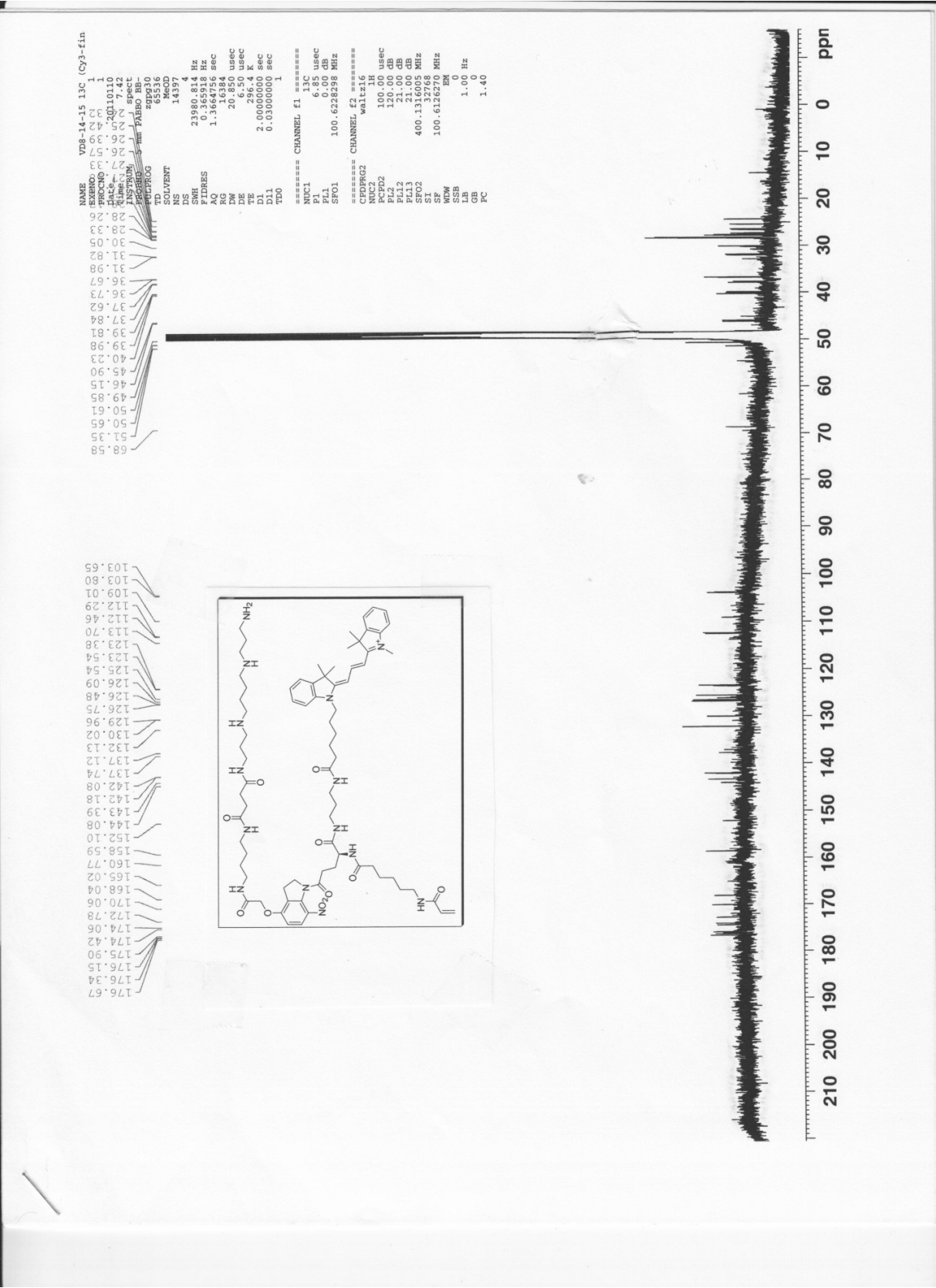
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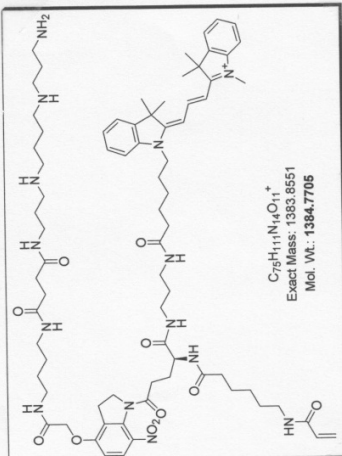
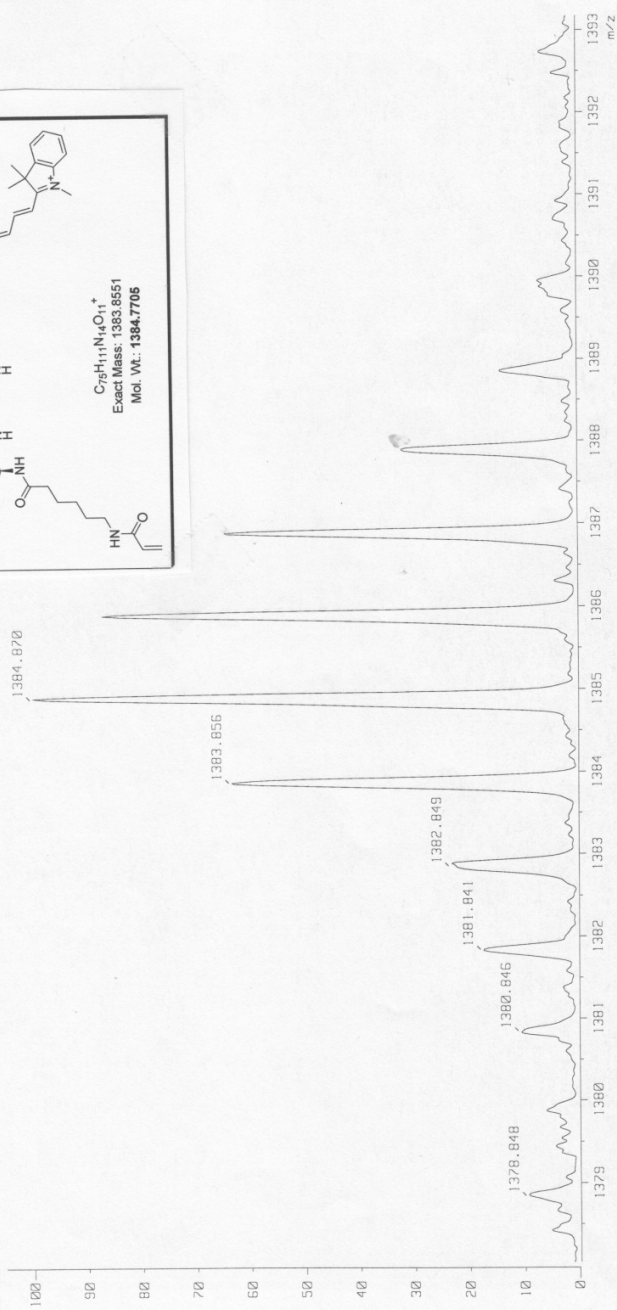
supported by the National Science Foundation under CHE-0741793







[Mass Spectrum]
Date : 10-Jan-2011 14:57
Data : 0575002
Sample: VDB-14-15
Note : Devaiah / Chambers
Inlet : Direct Ion Mode : FFB+
Spectrum Type : Normal Ion (EF-Linear)
Scan# : (12,22)
RT : 2.67 min
BP : m/z 1384.8696 Int. : 0.19
Output m/z range : 1378.0415 to 1393.1750 Cut Level : 0.00 %
22466



$C_{75}H_{111}N_{14}O_{11}^{+}$
Exact Mass: 1383.8551
Mol. Wt.: 1384.7705

