

Operator: mw
 Date/time: 2016-06-05/6:33:57pm
 Title/Comment:

Type of analyses: Creation of int-File

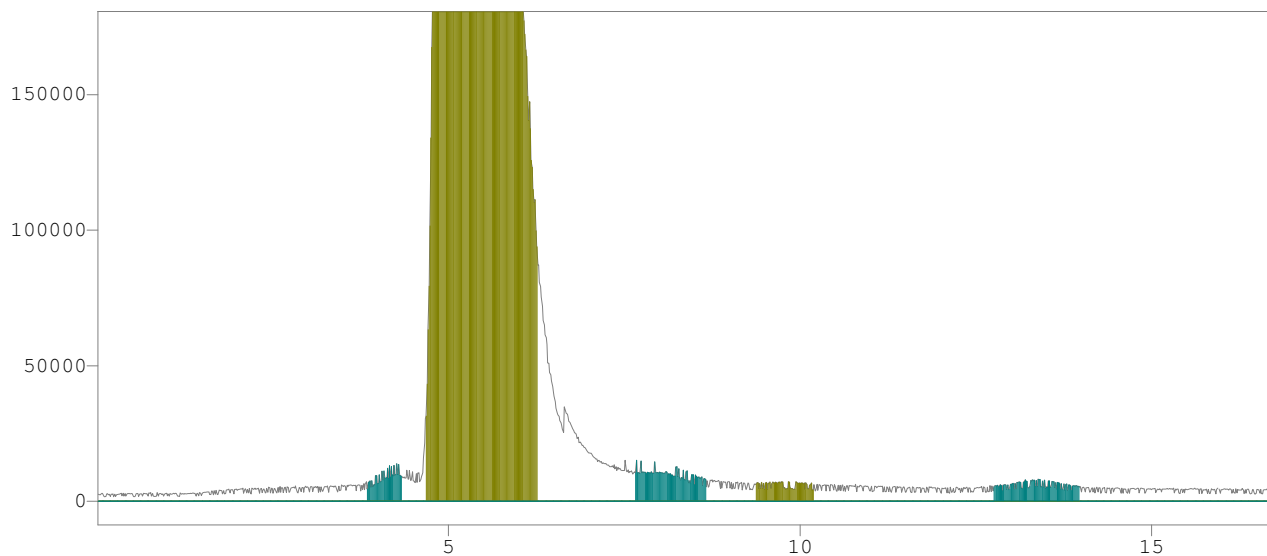
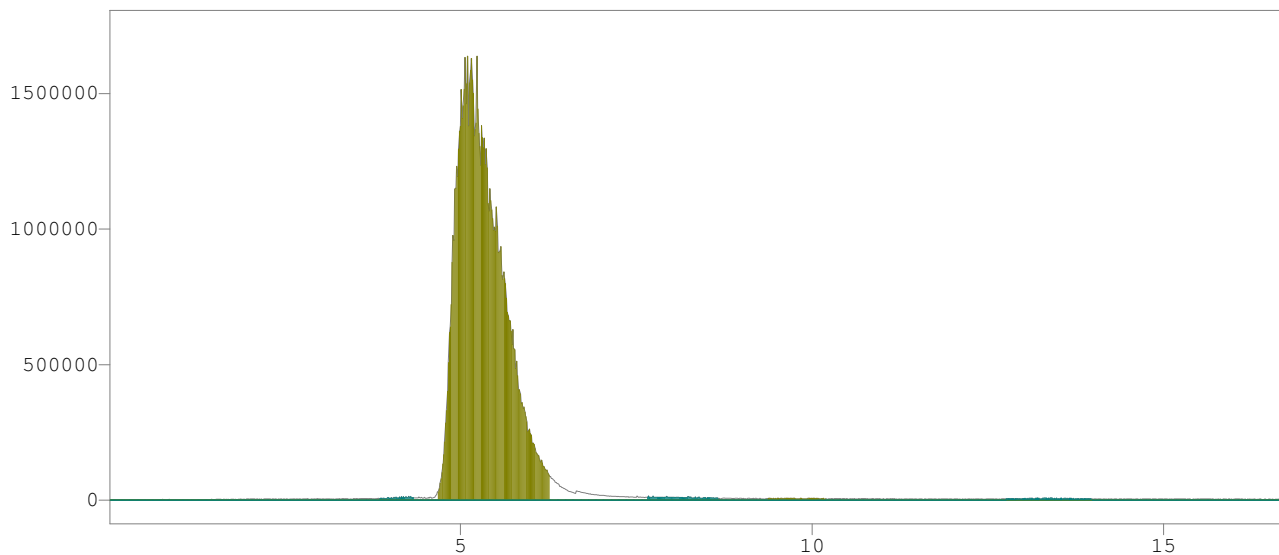
LC/MS data set: C:\massmap\web_site\reports\molmass\LCMS\Mol_Demo.mmp

Chromatogram: Mol_Demo_bic.cgm (grey), used for the definition of time ranges

Time ranges: Displayed with alternating coloring, for the limits (min) see the table below

#	from	to
1	3.85	4.34
2	4.69	6.27
3	7.66	8.67
4	9.38	10.20
5	12.76	13.97

Intensity [a.u.]



Time [min]

Statistics of relative mass deviations

Time Range [min]	Number Values	Mean Deviation [ppm]	SdDev Deviation [ppm]
3.85 - 4.34	4	23.7	19.1
4.69 - 6.27	8	40.5	18.1
7.66 - 8.67	3	39.5	36.1
9.38 - 10.20	1	64.1	----
12.76 - 13.97	2	55.4	27.1
All time ranges	18	39.6	25.4

All mass values given in the next section corrected for mean mass deviation of all time ranges

Identified molecules

Molecules listed w/o intensity limitation

(N: number peaks, delta: deviation from expected value, peak sum: sum of intensities of corrected peaks, relative intensity of 100% corresponding to largest peak sum of all time ranges)

Time Range [min]	Molecule	N	Mass [Da] Mean (SdDev)	Delta [Da]	Relative Intensity [%] Peak Sum Distribution
4.69 - 6.27	M_19121.5	6	19121.40 (0.70)	-----	0.433 -----
4.69 - 6.27	M_19228.3	5	19228.21 (1.51)	-----	1.645 -----
4.69 - 6.27	Mol	7	19250.18 (0.19)	-0.19	100.000 -----
7.66 - 8.67	Mol	6	19250.03 (0.37)	-0.34	0.062 -----
9.38 - 10.20	Mol	4	19250.37 (0.48)	0.00	0.010 -----
12.76 - 13.97	M_19250.7	4	19250.37 (0.62)	-----	0.008 -----
All time ranges	Mol	---	19250.44 (0.13)	0.07	-----
3.85 - 4.34	Mol_p16	6	19266.11 (0.49)	-0.26	0.041 -----
4.69 - 6.27	Mol_Na	3	19272.25 (1.32)	-0.11	0.750 -----
7.66 - 8.67	M_19278.1	5	19278.02 (0.56)	-----	0.029 -----
4.69 - 6.27	Mol_p16^2	3	19282.13 (0.46)	-0.24	1.816 -----
3.85 - 4.34	M_19297.8	4	19297.77 (0.46)	-----	0.008 -----
4.69 - 6.27	Mol_p53	5	19303.44 (0.67)	0.07	9.610 -----
9.38 - 10.20	M_19301.8	3	19301.27 (0.97)	-----	0.003 -----
12.76 - 13.97	Mol_p53	6	19303.90 (0.31)	0.52	0.044 -----
All time ranges	Mol_p53	---	19303.13 (0.88)	-0.24	-----
3.85 - 4.34	Mol_Na3	4	19316.12 (0.77)	-0.20	0.011 -----
4.69 - 6.27	Mol_K2	4	19327.36 (0.28)	0.81	0.255 -----
7.66 - 8.67	Mol_K2	3	19327.53 (0.82)	0.97	0.010 -----
All time ranges	Mol_K2	---	19327.45 (0.05)	0.90	-----
4.69 - 6.27	Mol_p100	8	19350.15 (0.18)	-0.23	35.827 -----
7.66 - 8.67	Mol_p100	5	19349.74 (0.40)	-0.63	0.029 -----
9.38 - 10.20	M_19351.4	3	19350.93 (0.52)	-----	0.005 -----
All time ranges	Mol_p100	---	19350.44 (0.56)	0.06	-----
12.76 - 13.97	M_19352.8	5	19352.51 (0.47)	-----	0.013 -----
3.85 - 4.34	Mol_p16_p100	4	19366.20 (0.14)	-0.18	0.022 -----
7.66 - 8.67	M_19377.1	4	19377.00 (1.01)	-----	0.014 -----
3.85 - 4.34	Mol_p16_p131	3	19398.01 (0.50)	0.64	0.004 -----
4.69 - 6.27	Mol_p53_p100	6	19403.61 (0.63)	0.23	6.659 -----
12.76 - 13.97	Mol_p53_p100	4	19402.85 (0.71)	-0.53	0.014 -----
All time ranges	Mol_p53_p100	---	19403.39 (0.17)	0.02	-----
3.85 - 4.34	M_19416.8	4	19416.82 (0.90)	-----	0.007 -----

(Mol_Demo.mmp, LCMS_Demo.int)

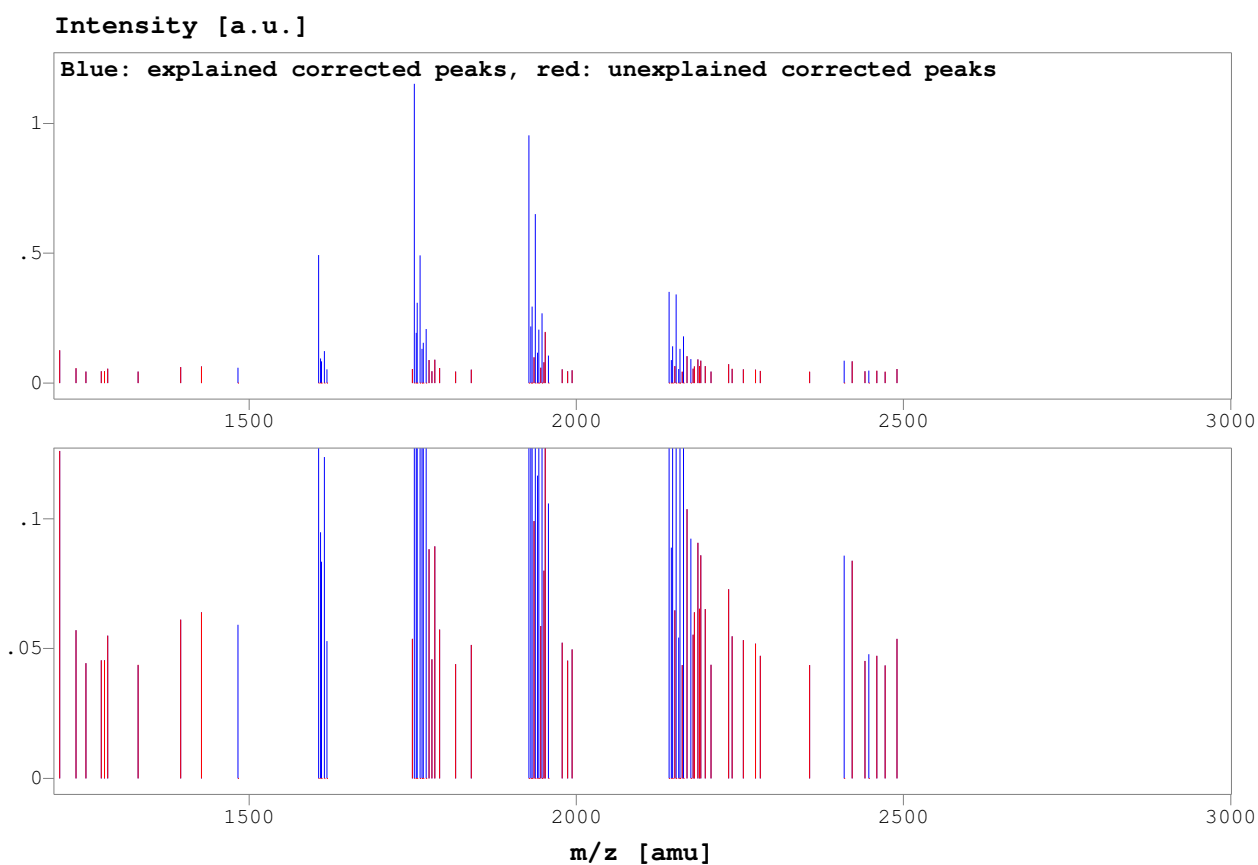
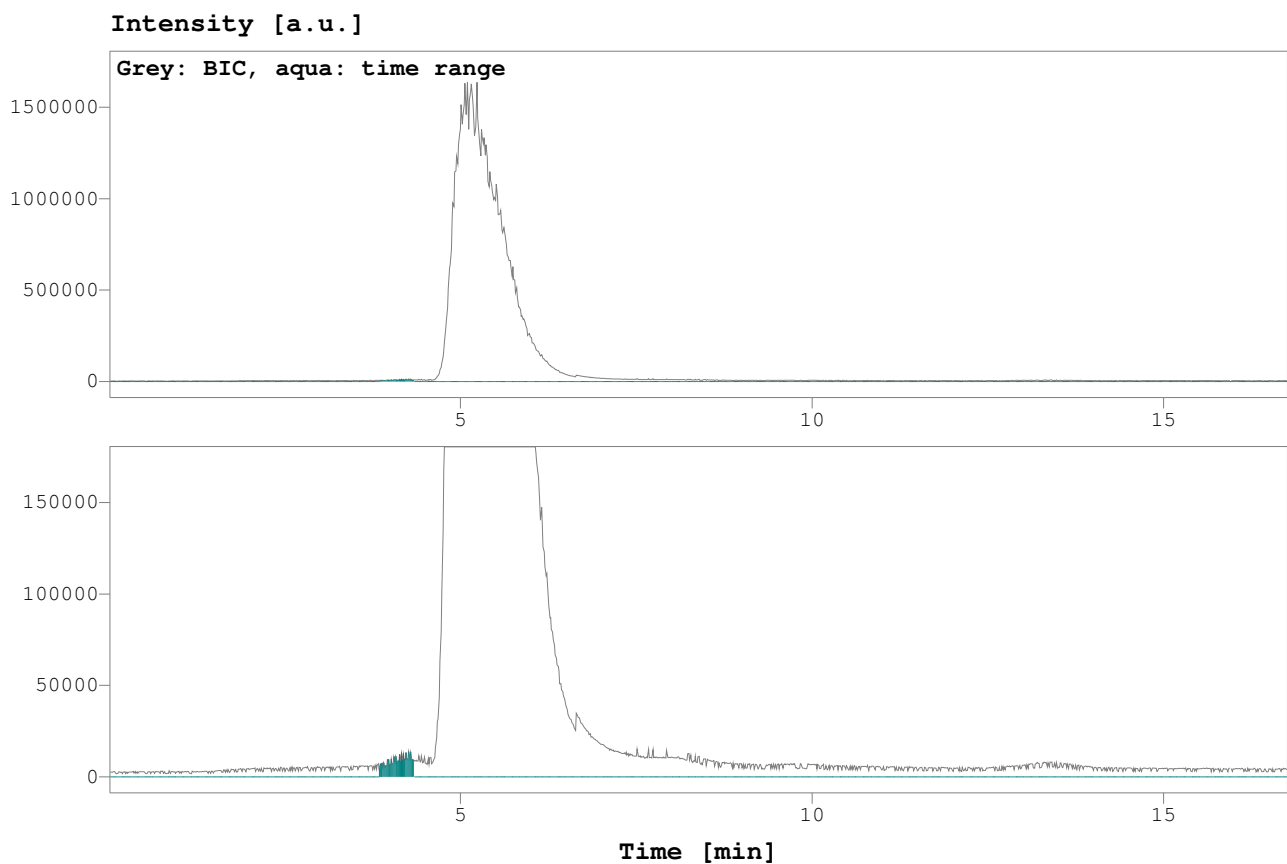
Identified molecules (continued)

Molecules listed w/o intensity limitation

(N: number peaks, delta: deviation from expected value, peak sum: sum of intensities of corrected peaks, relative intensity of 100% corresponding to largest peak sum of all time ranges)

Time Range [min]	Molecule	N	Mass [Da] Mean (SdDev)	Delta [Da]	Relative Intensity [%] Peak Sum Distribution
4.69 - 6.27	Mol_p100^2	6	19450.02 (0.19)	-0.35	9.453 -----
7.66 - 8.67	M_19449.6	4	19449.51 (0.58)	-----	0.010 -----
All time ranges	Mol_p100^2	---	19449.78 (0.19)	-0.60	----- -----
12.76 - 13.97	M_19452.0	4	19451.74 (0.36)	-----	0.007 -----
3.85 - 4.34	M_19466.6	3	19466.55 (0.61)	-----	0.009 -----
4.69 - 6.27	M_19547.7	5	19547.56 (1.13)	-----	1.730 -----
4.69 - 6.27	M_19562.8	5	19562.69 (0.49)	-----	1.387 -----
3.85 - 4.34	M_19566.1	3	19566.06 (0.69)	-----	0.003 -----
4.69 - 6.27	M_19578.4	6	19578.28 (1.10)	-----	1.245 -----
4.69 - 6.27	M_19594.4	4	19594.30 (0.58)	-----	0.465 -----
4.69 - 6.27	M_19677.8	4	19677.65 (0.59)	-----	0.508 -----
4.69 - 6.27	M_21141.7	3	21141.57 (0.87)	-----	0.550 -----
4.69 - 6.27	M_21906.4	3	21906.25 (0.56)	-----	0.109 -----
4.69 - 6.27	M_21941.7	3	21941.56 (1.39)	-----	0.192 -----

Time range [min]: 3.846 - 4.344



Time range [min]: 3.846 - 4.344

Statistics of relative mass deviations

Number: 4
 Mean [ppm]: 23.7
 SdDev [ppm]: 19.1

All mass values of the next section corrected for mean relative mass deviation

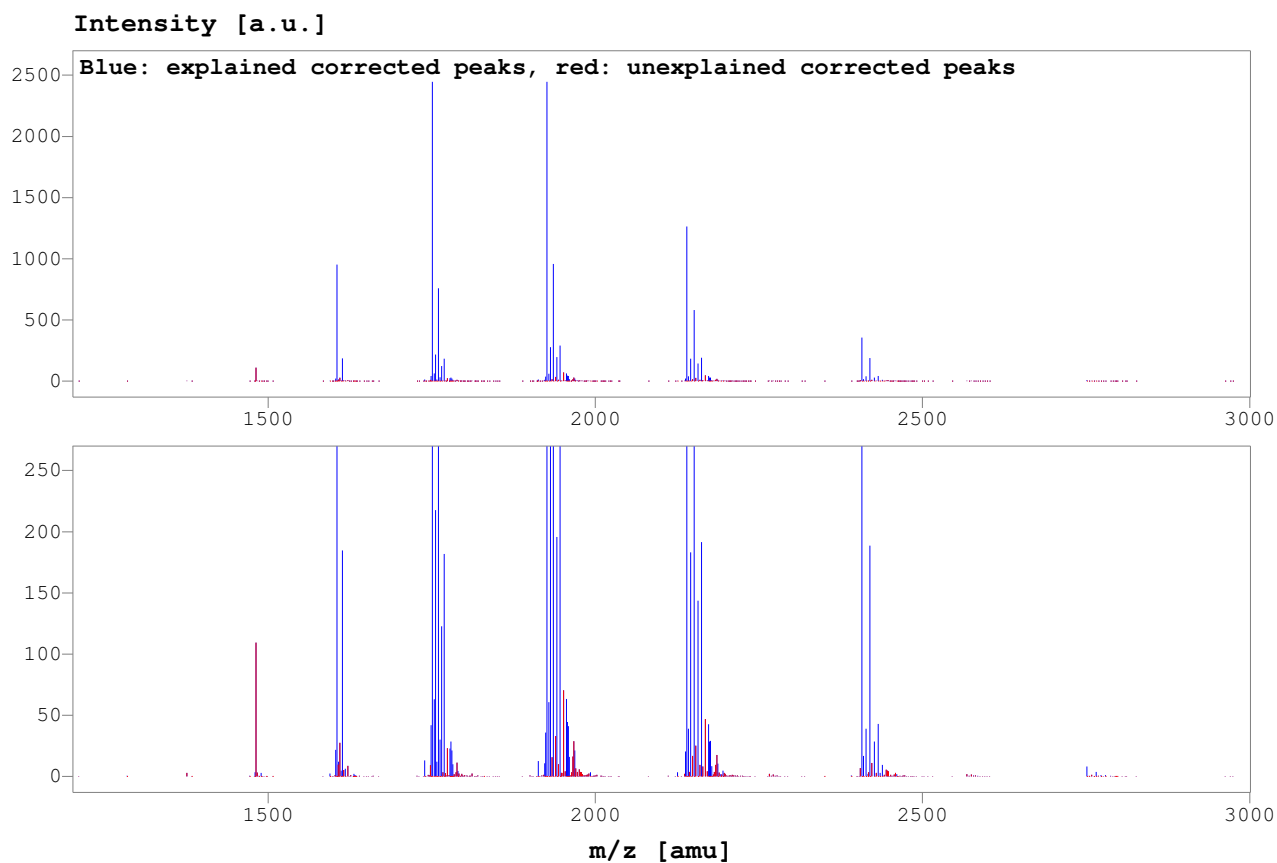
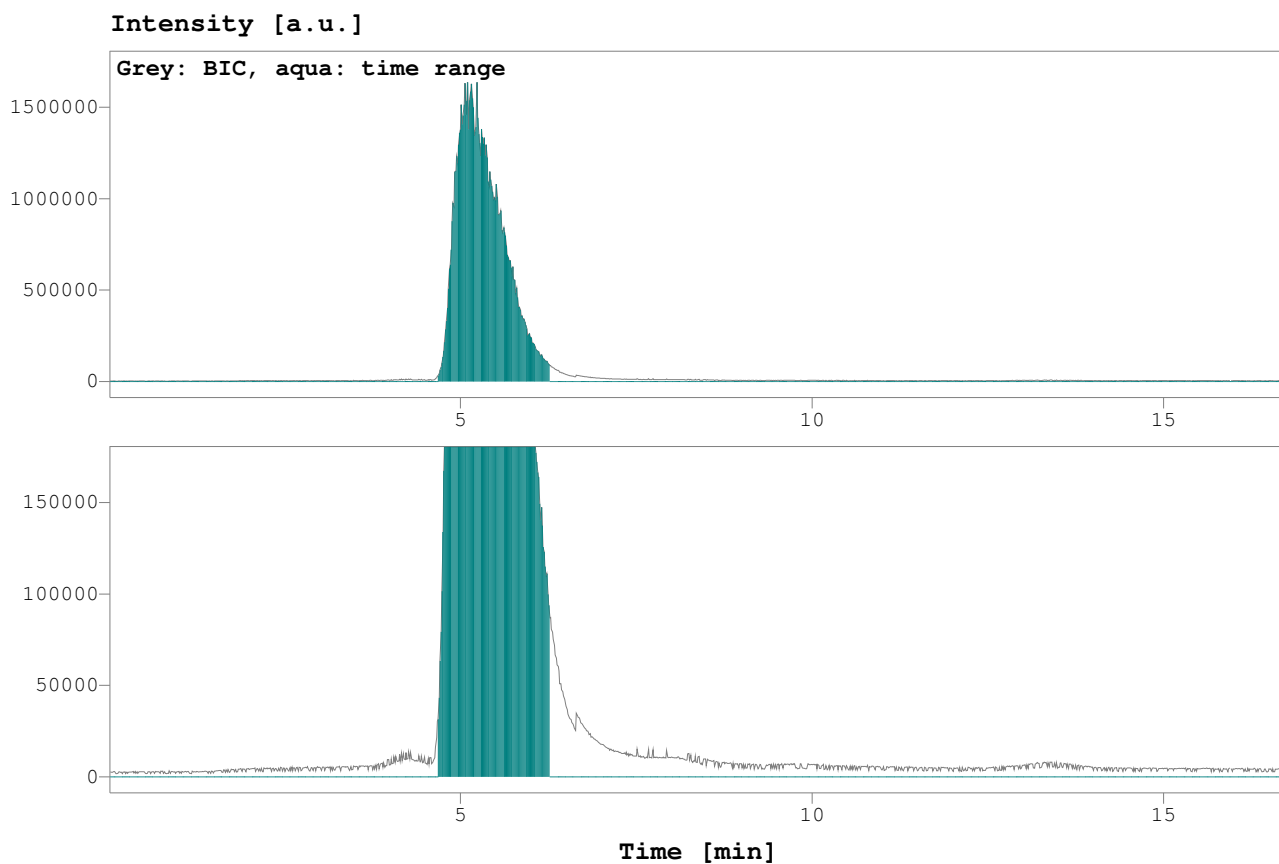
Parameters evaluation: 3 (smoothing), 2.99 (width corrected peaks), 3 (significance level)

Identified molecules

(N: number peaks, delta: deviation from expected value, peak sum: sum of intensities of corrected peaks, relative intensity of 100% corresponding to sum of respective intensities)

Molecule	N	Mass [Da] Mean (SdDev)	Delta [Da]	Relative Intensity [%] Peak Sum	Intensity [a.u.] Peak Sum	Intensity [a.u.] Distribution
Mol_p16	6	19266.11 (0.49)	-0.26	39.29	3.0957	-----
M_19297.8	4	19297.77 (0.46)	-----	7.56	.59601	-----
Mol_Na3	4	19316.12 (0.77)	-0.20	10.52	.82869	-----
Mol_p16_p100	4	19366.20 (0.14)	-0.18	20.40	1.6077	-----
Mol_p16_p131	3	19398.01 (0.50)	0.64	3.85	.30319	-----
M_19416.8	4	19416.82 (0.90)	-----	6.93	.5457	-----
M_19466.6	3	19466.55 (0.61)	-----	8.33	.65624	-----
M_19566.1	3	19566.06 (0.69)	-----	3.12	.24602	-----

Time range [min]: 4.685 - 6.271



Time range [min]: 4.685 - 6.271

Statistics of relative mass deviations

Number: 8
 Mean [ppm]: 40.5
 SdDev [ppm]: 18.1

All mass values of the next section corrected for mean relative mass deviation

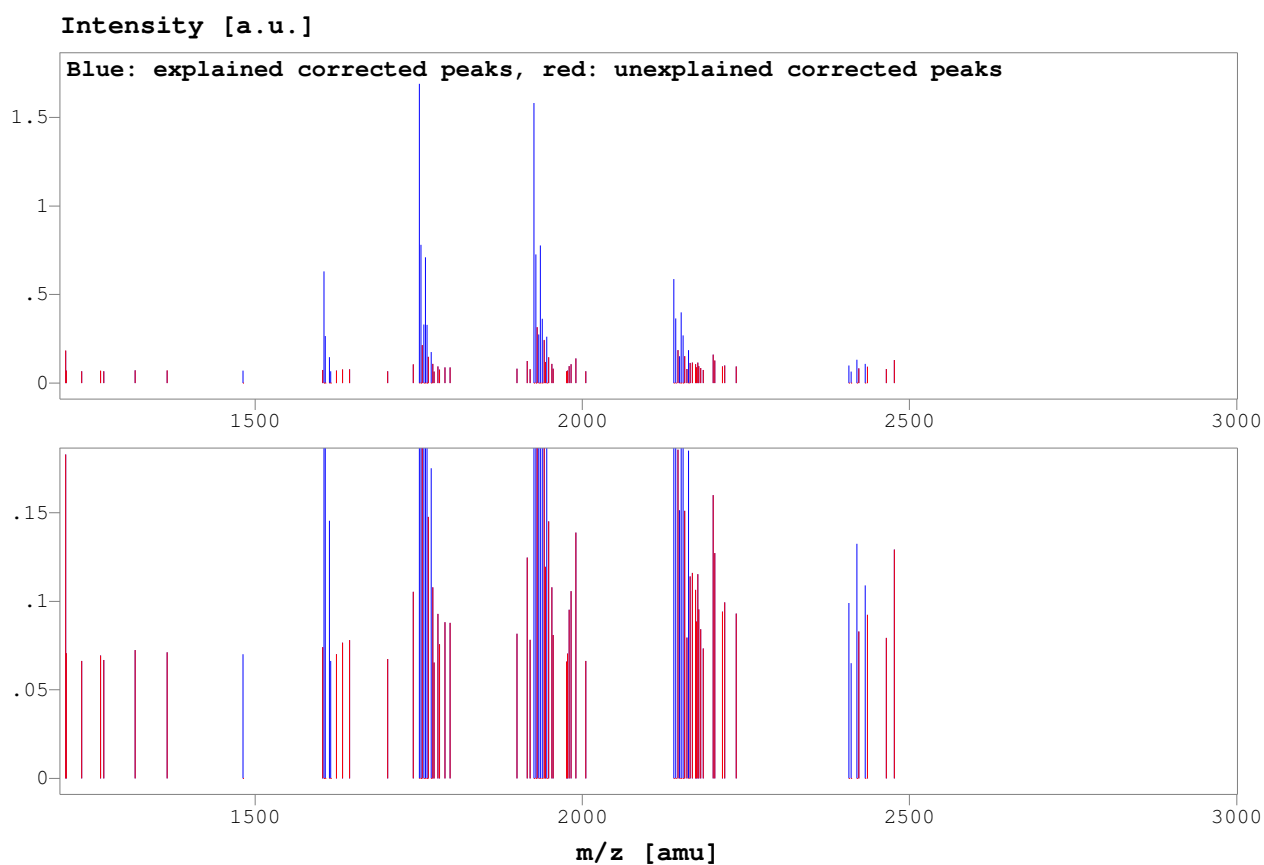
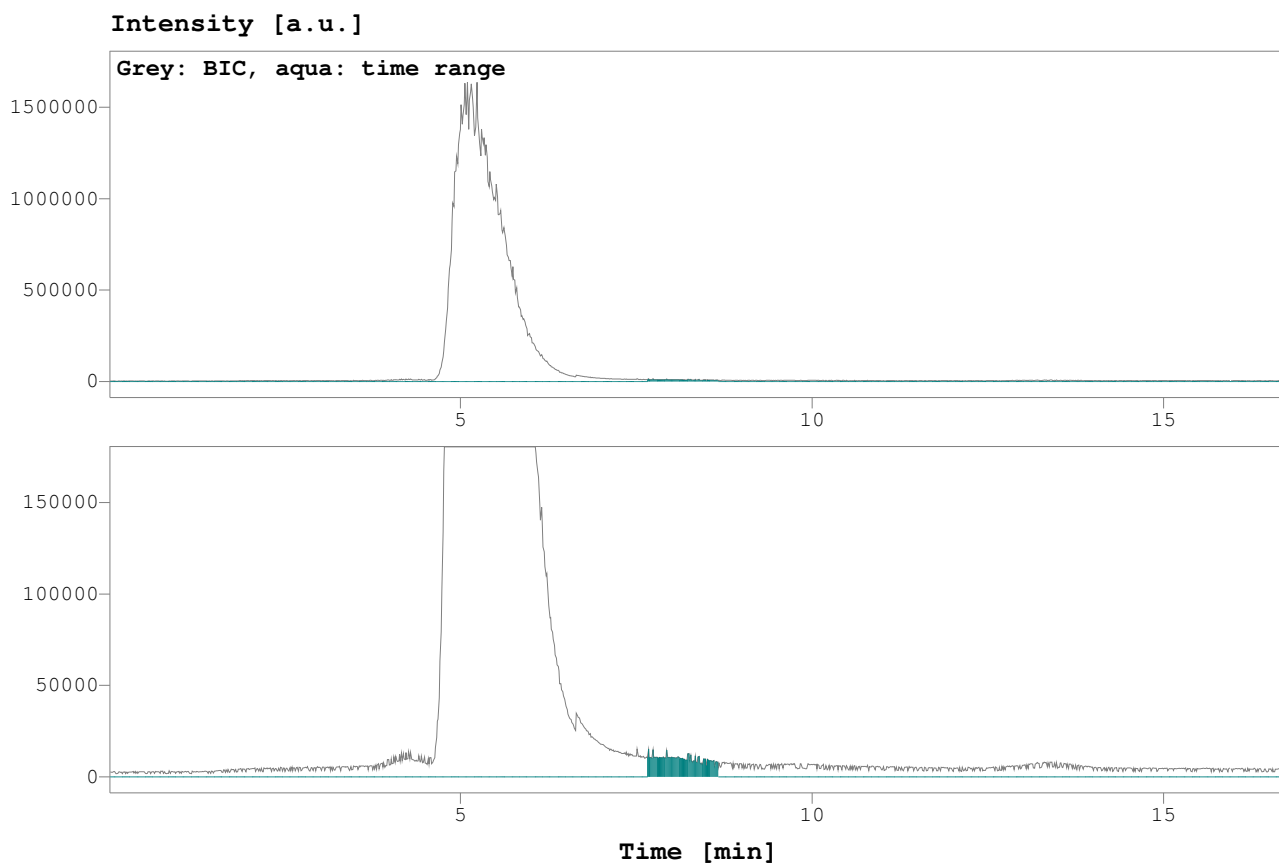
Parameters evaluation: 3 (smoothing), 2.99 (width corrected peaks), 3 (significance level)

Identified molecules

(N: number peaks, delta: deviation from expected value, peak sum: sum of intensities of corrected peaks, relative intensity of 100% corresponding to sum of respective intensities)

Molecule	N	Mass [Da] Mean (SdDev)	Delta [Da]	Relative Intensity [%] Peak Sum	Intensity [a.u.] Peak Sum	Intensity [a.u.] Distribution
M_19121.5	6	19121.40 (0.70)	-----	0.25	32.381	-----
M_19228.3	5	19228.21 (1.51)	-----	0.95	122.9	-----
Mol	7	19250.18 (0.19)	-0.19	57.93	7471.7	-----
Mol_Na	3	19272.25 (1.32)	-0.11	0.43	56.053	-----
Mol_p16^2	3	19282.13 (0.46)	-0.24	1.05	135.66	-----
Mol_p53	5	19303.44 (0.67)	0.07	5.57	718.04	-----
Mol_K2	4	19327.36 (0.28)	0.81	0.15	19.07	-----
Mol_p100	8	19350.15 (0.18)	-0.23	20.75	2676.9	-----
Mol_p53_p100	6	19403.61 (0.63)	0.23	3.86	497.53	-----
Mol_p100^2	6	19450.02 (0.19)	-0.35	5.48	706.33	-----
M_19547.7	5	19547.56 (1.13)	-----	1.00	129.23	-----
M_19562.8	5	19562.69 (0.49)	-----	0.80	103.61	-----
M_19578.4	6	19578.28 (1.10)	-----	0.72	93.005	-----
M_19594.4	4	19594.30 (0.58)	-----	0.27	34.738	-----
M_19677.8	4	19677.65 (0.59)	-----	0.29	37.939	-----
M_21141.7	3	21141.57 (0.87)	-----	0.32	41.07	-----
M_21906.4	3	21906.25 (0.56)	-----	0.06	8.1224	-----
M_21941.7	3	21941.56 (1.39)	-----	0.11	14.337	-----

Time range [min]: 7.66 - 8.67



Time range [min]: 7.66 - 8.67

Statistics of relative mass deviations

Number: 3
 Mean [ppm]: 39.5
 SdDev [ppm]: 36.1

All mass values of the next section corrected for mean relative mass deviation

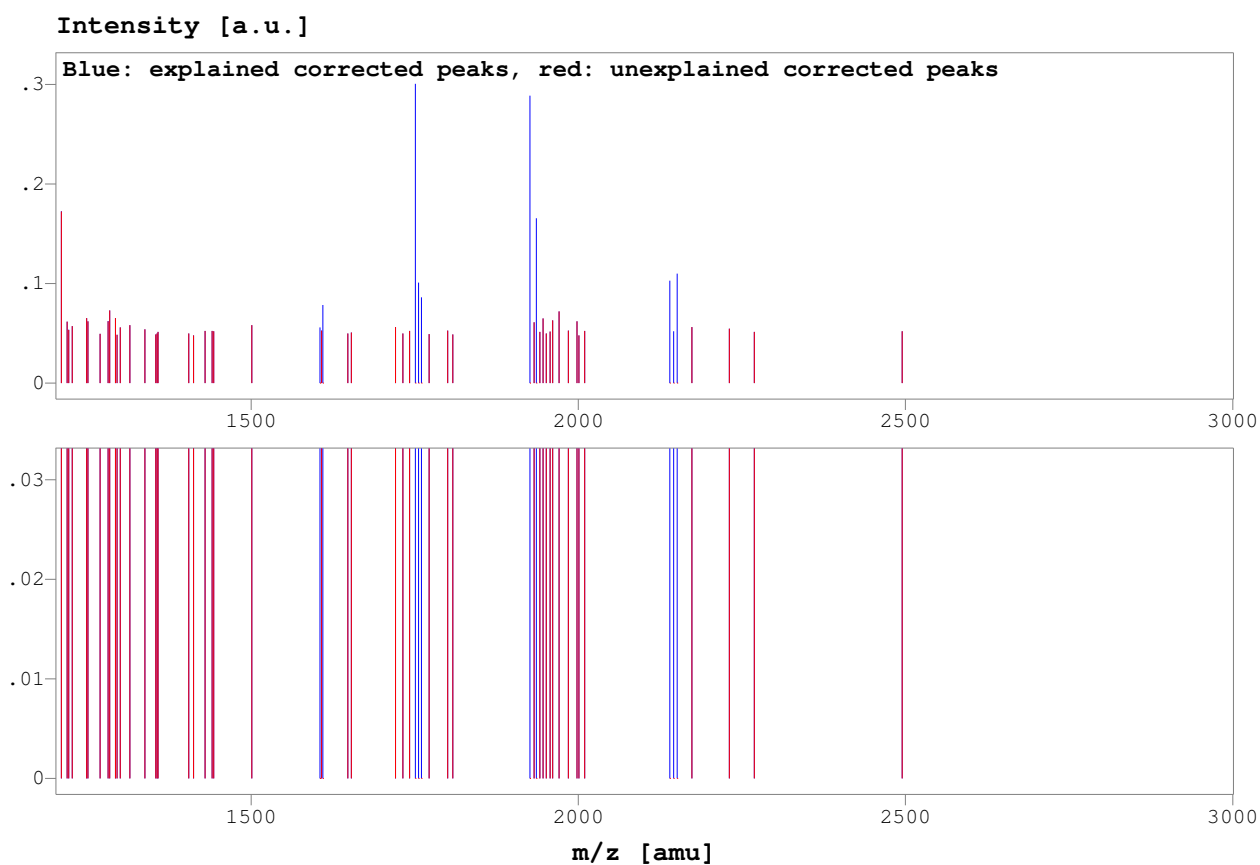
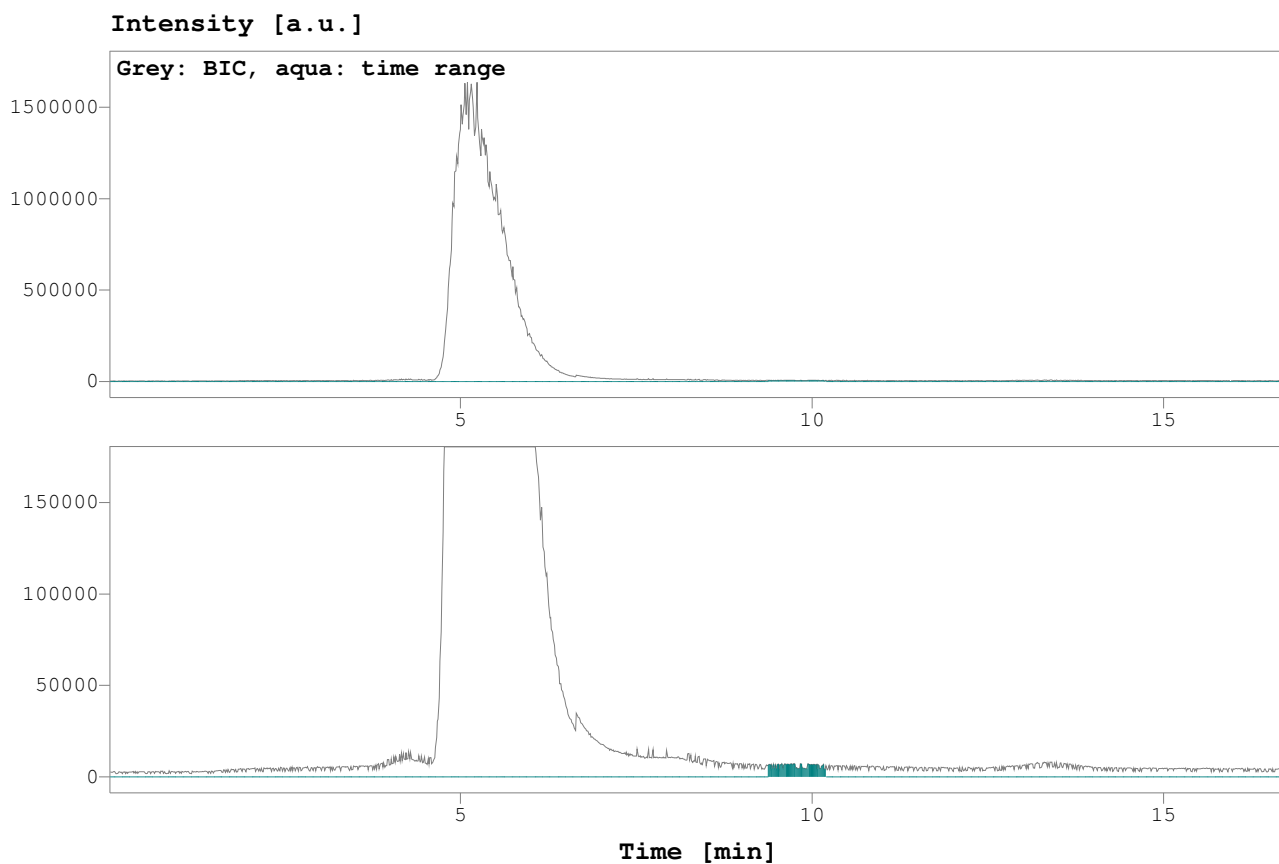
Parameters evaluation: 3 (smoothing), 2.99 (width corrected peaks), 3 (significance level)

Identified molecules

(N: number peaks, delta: deviation from expected value, peak sum: sum of intensities of corrected peaks, relative intensity of 100% corresponding to sum of respective intensities)

Molecule	N	Mass [Da] Mean (SdDev)	Delta [Da]	Relative Intensity [%] Peak Sum	Intensity [a.u.] Peak Sum	Intensity [a.u.] Distribution
Mol	6	19250.03 (0.37)	-0.34	40.35	4.6583	-----
M_19278.1	5	19278.02 (0.56)	-----	19.08	2.2027	-----
Mol_K2	3	19327.53 (0.82)	0.97	6.56	.75727	-----
Mol_p100	5	19349.74 (0.40)	-0.63	18.75	2.1647	-----
M_19377.1	4	19377.00 (1.01)	-----	8.91	1.0284	-----
M_19449.6	4	19449.51 (0.58)	-----	6.34	.73193	-----

Time range [min]: 9.378 - 10.2



Time range [min]: 9.378 - 10.2

Statistics of relative mass deviations

Number: 1
Mean [ppm]: 64.1
SdDev [ppm]: n.a.

All mass values of the next section corrected for mean relative mass deviation

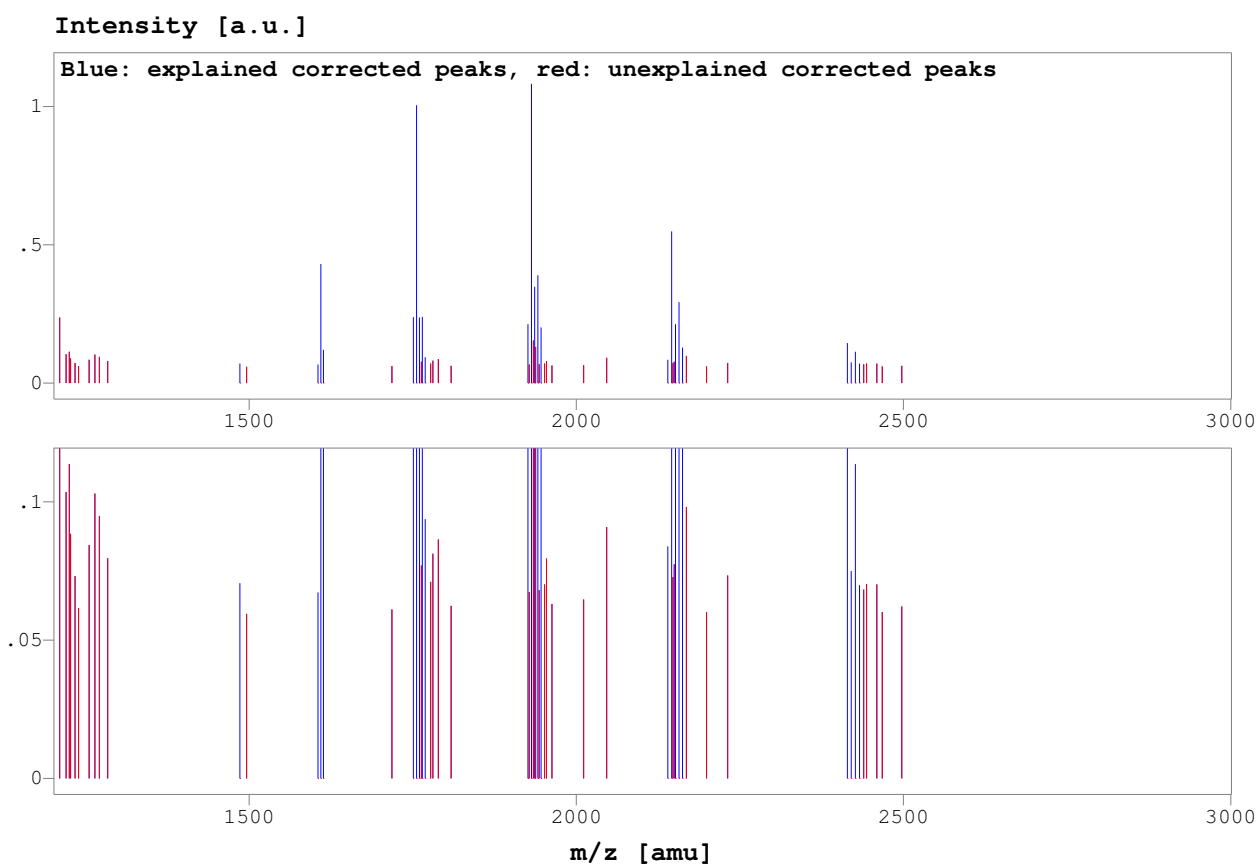
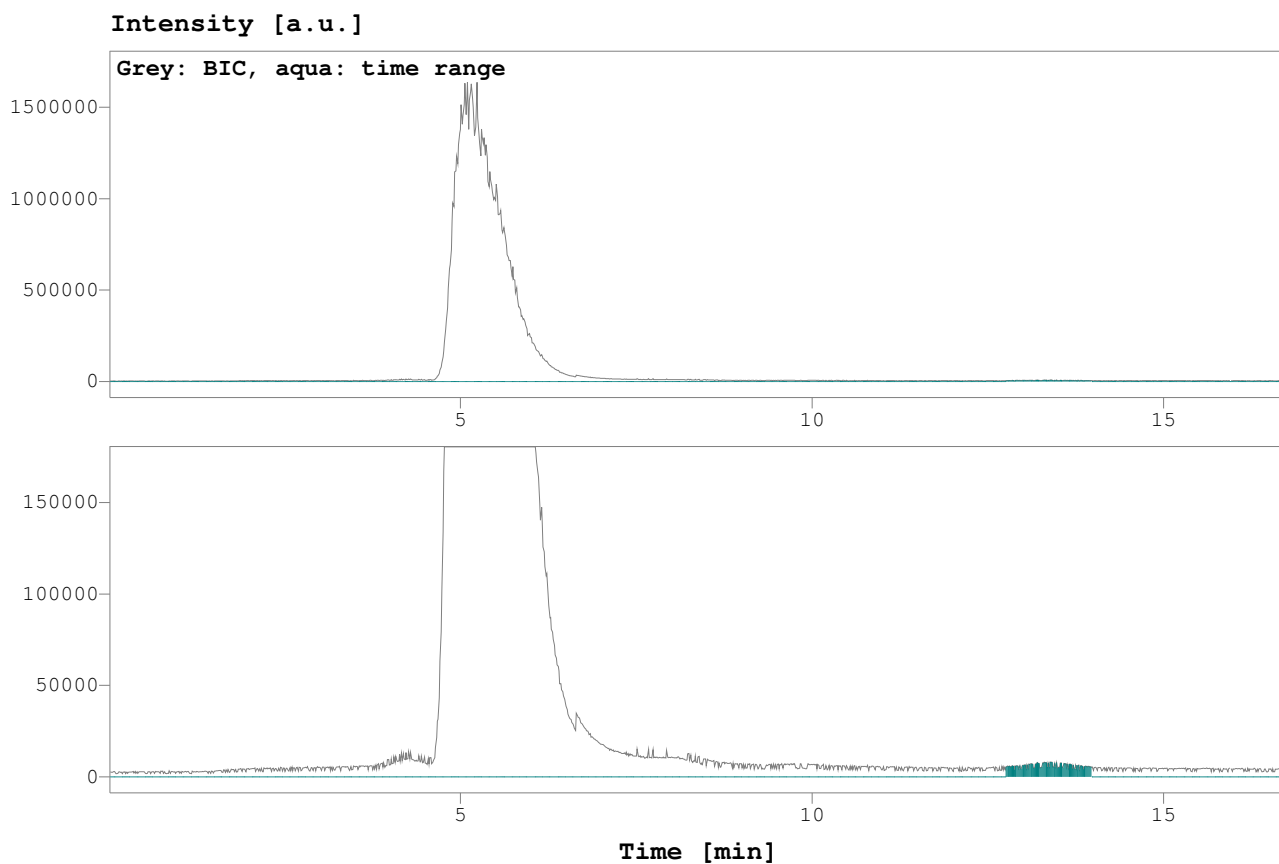
Parameters evaluation: 3 (smoothing), 2.99 (width corrected peaks), 3 (significance level)

Identified molecules

(N: number peaks, delta: deviation from expected value, peak sum: sum of intensities of corrected peaks, relative intensity of 100% corresponding to sum of respective intensities)

Molecule	N	Mass [Da] Mean (SdDev)	Delta [Da]	Relative Intensity [%] Peak Sum	Intensity [a.u.] Peak Sum	Distribution	Distribution
Mol	4	19250.37 (0.48)	0.00	55.79	.74859	-----	-----
M_19301.8	3	19301.27 (0.97)	-----	17.25	.23146	-----	-----
M_19351.4	3	19350.93 (0.52)	-----	26.97	.36185	-----	-----

Time range [min]: 12.76 - 13.97



Time range [min]: 12.76 - 13.97

Statistics of relative mass deviations

Number: 2
Mean [ppm]: 55.4
SdDev [ppm]: 27.1

All mass values of the next section corrected for mean relative mass deviation

Parameters evaluation: 3 (smoothing), 2.99 (width corrected peaks), 3 (significance level)

Identified molecules

(N: number peaks, delta: deviation from expected value, peak sum: sum of intensities of corrected peaks, relative intensity of 100% corresponding to sum of respective intensities)

Molecule	N	Mass [Da] Mean (SdDev)	Delta [Da]	Relative Intensity [%] Peak Sum	Intensity [%] Distribution	Intensity [a.u.] Peak Sum	Intensity [a.u.] Distribution
M_19250.7	4	19250.37 (0.62)	-----	9.41	-----	.60334	-----
Mol_p53	6	19303.90 (0.31)	0.52	51.20	-----	3.2815	-----
M_19352.8	5	19352.51 (0.47)	-----	15.52	-----	.99494	-----
Mol_p53_p100	4	19402.85 (0.71)	-0.53	16.16	-----	1.0356	-----
M_19452.0	4	19451.74 (0.36)	-----	7.71	-----	.49389	-----

Time range [min]: 3.846 - 4.344

Identified molecule: Mol_p16 (1/8)
Mean (SdDev) mass [Da]: 19266.11 (.49), corrected for mean relative deviation of 23.7 ppm
Number of charge states: 6
Deviation from exp. mass [Da]: -.26
Exp. intensity [a.u.]: 3.0957
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 39.29, related to the sum of the peak sums of all molecules

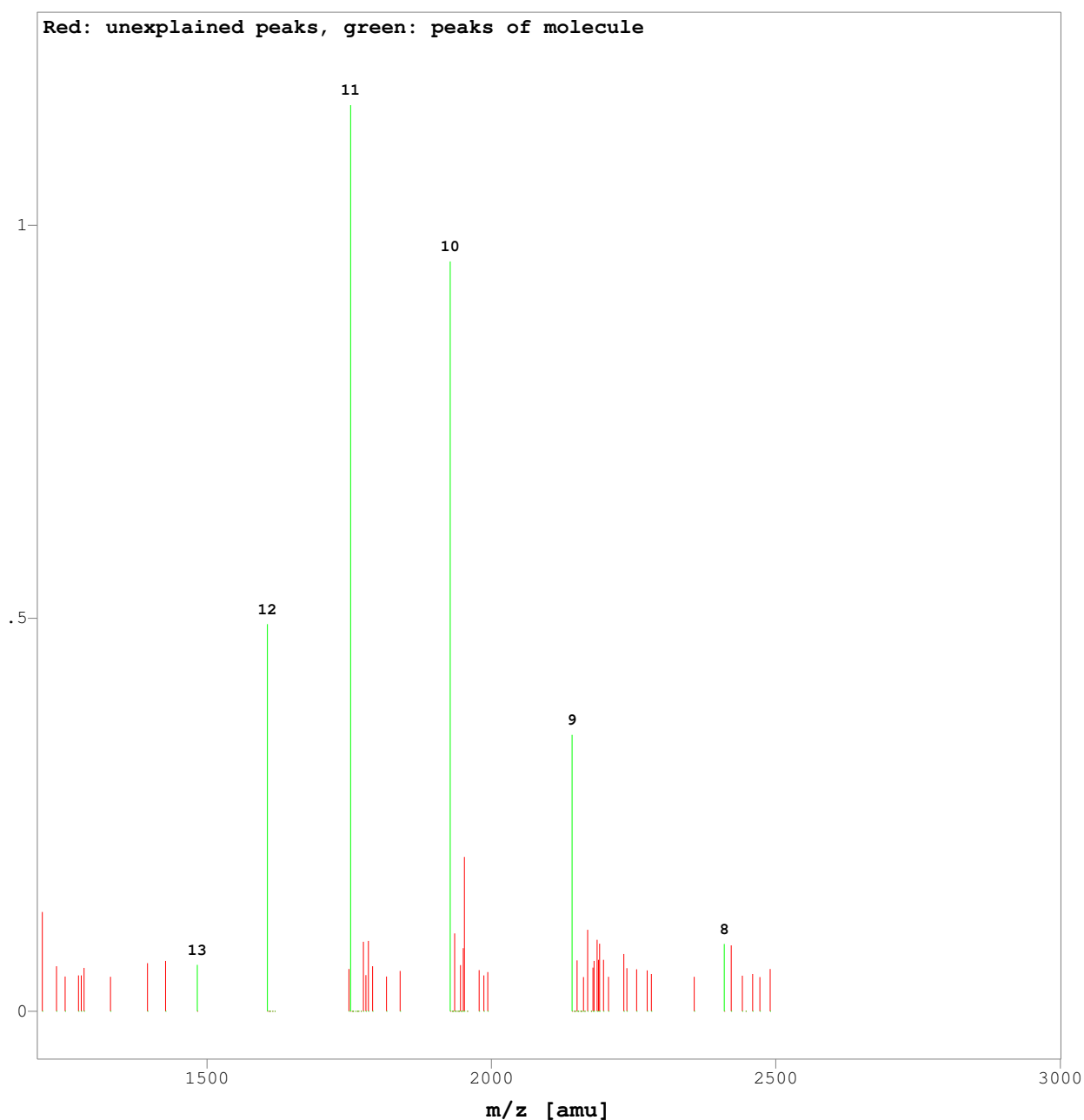
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11	12	13
Delta [Da]	-0.62	0.30	0.31	0.48	0.28	-0.74

Intensity [a.u.]



Time range [min]: 3.846 - 4.344

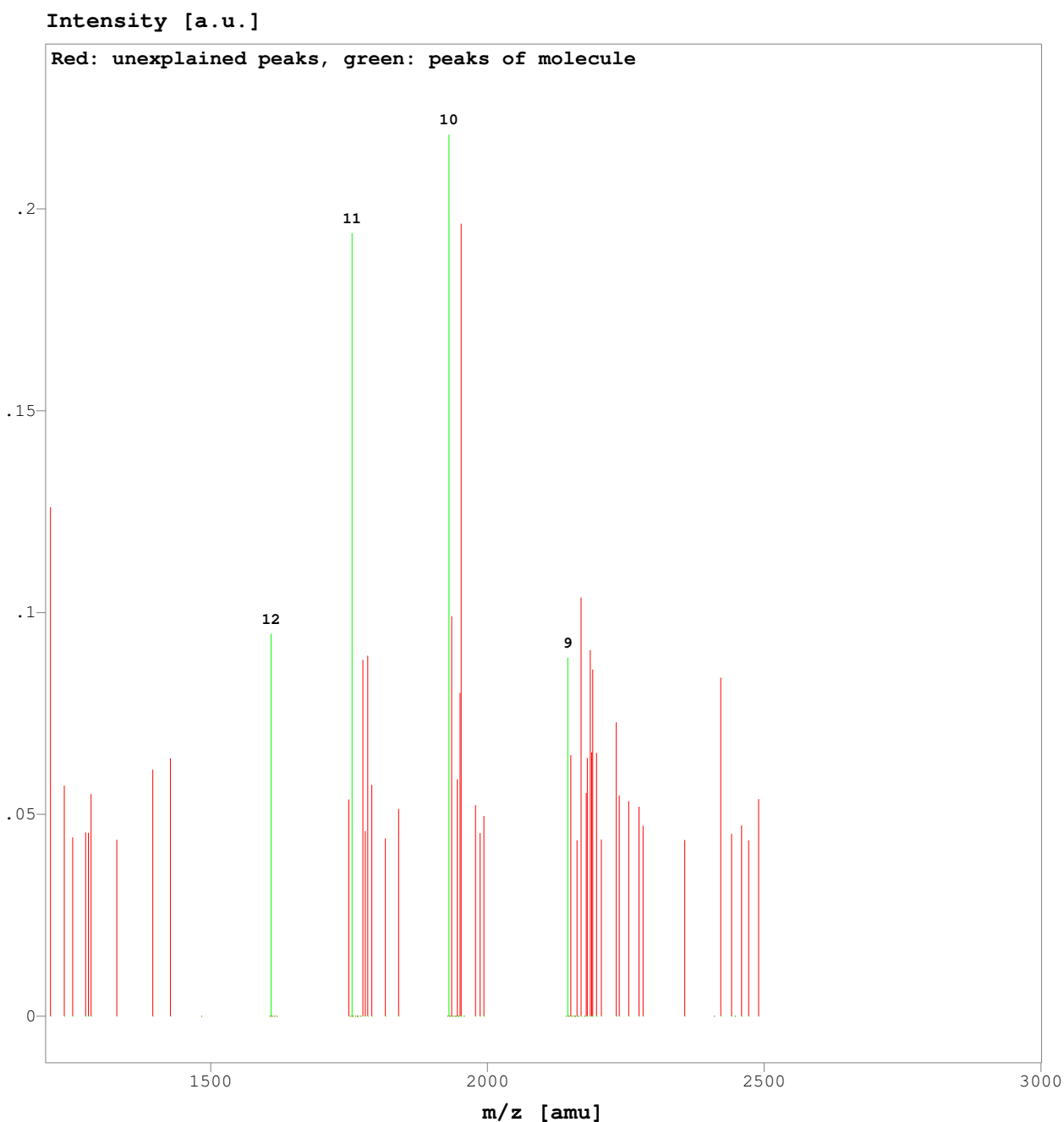
Identified molecule: M_19297.8 (2/8)
Mean (SdDev) mass [Da]: 19297.77 (.46), corrected for mean relative deviation of 23.7 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .59601
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 7.56, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12
Delta [Da]	0.56	-0.04	0.18	-0.70



Time range [min]: 3.846 - 4.344

Identified molecule: Mol_Na3 (3/8)
Mean (SdDev) mass [Da]: 19316.12 (.77), corrected for mean relative deviation of 23.7 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: -.2
Exp. intensity [a.u.]: .82869
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 10.52, related to the sum of the peak sums of all molecules

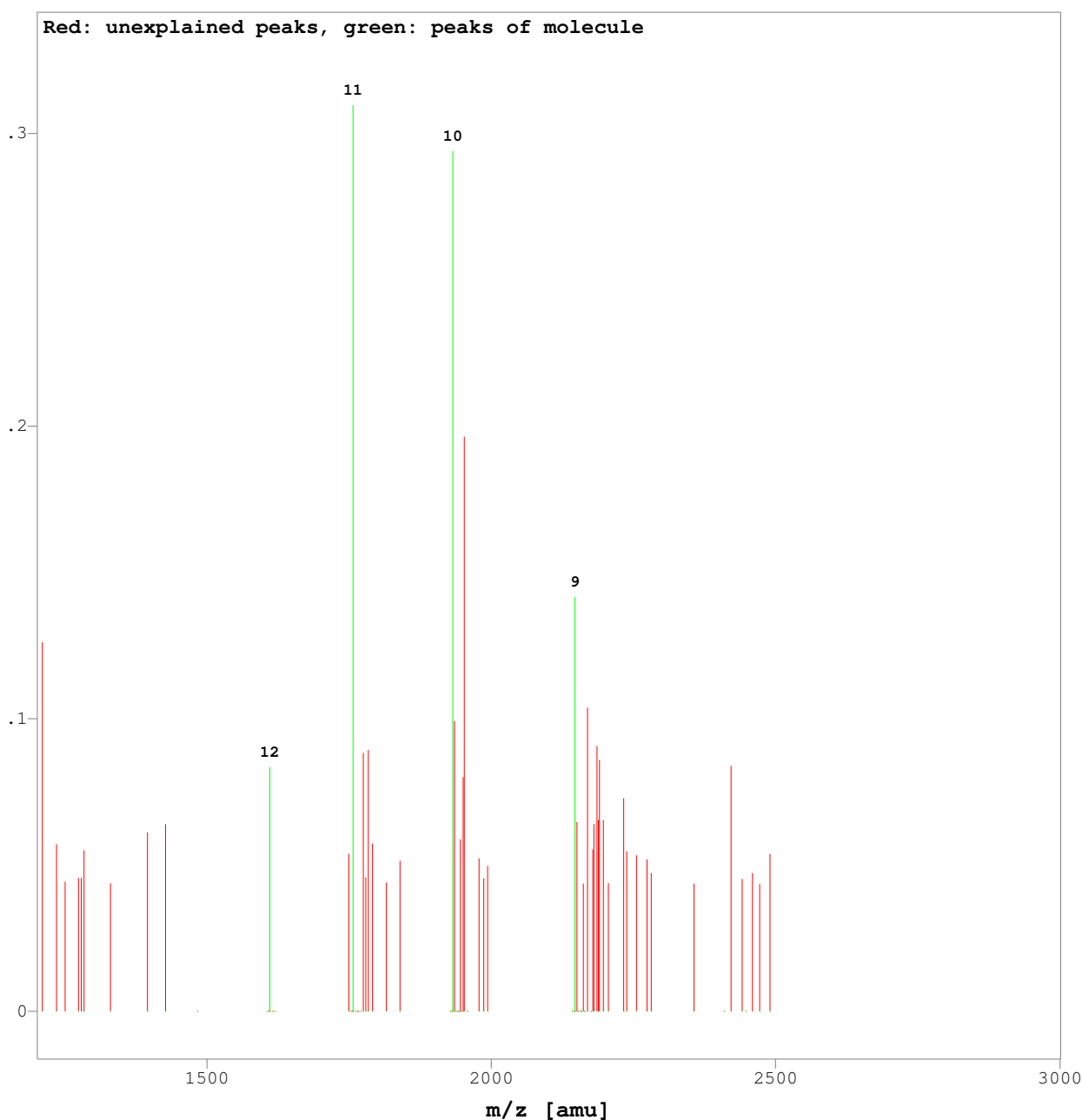
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12
Delta [Da]	-0.99	-0.35	0.25	1.09

Intensity [a.u.]



Time range [min]: 3.846 - 4.344

Identified molecule: Mol_p16_p100 (4/8)
Mean (SdDev) mass [Da]: 19366.2 (.14), corrected for mean relative deviation of 23.7 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: -.18
Exp. intensity [a.u.]: 1.6077
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 20.4, related to the sum of the peak sums of all molecules

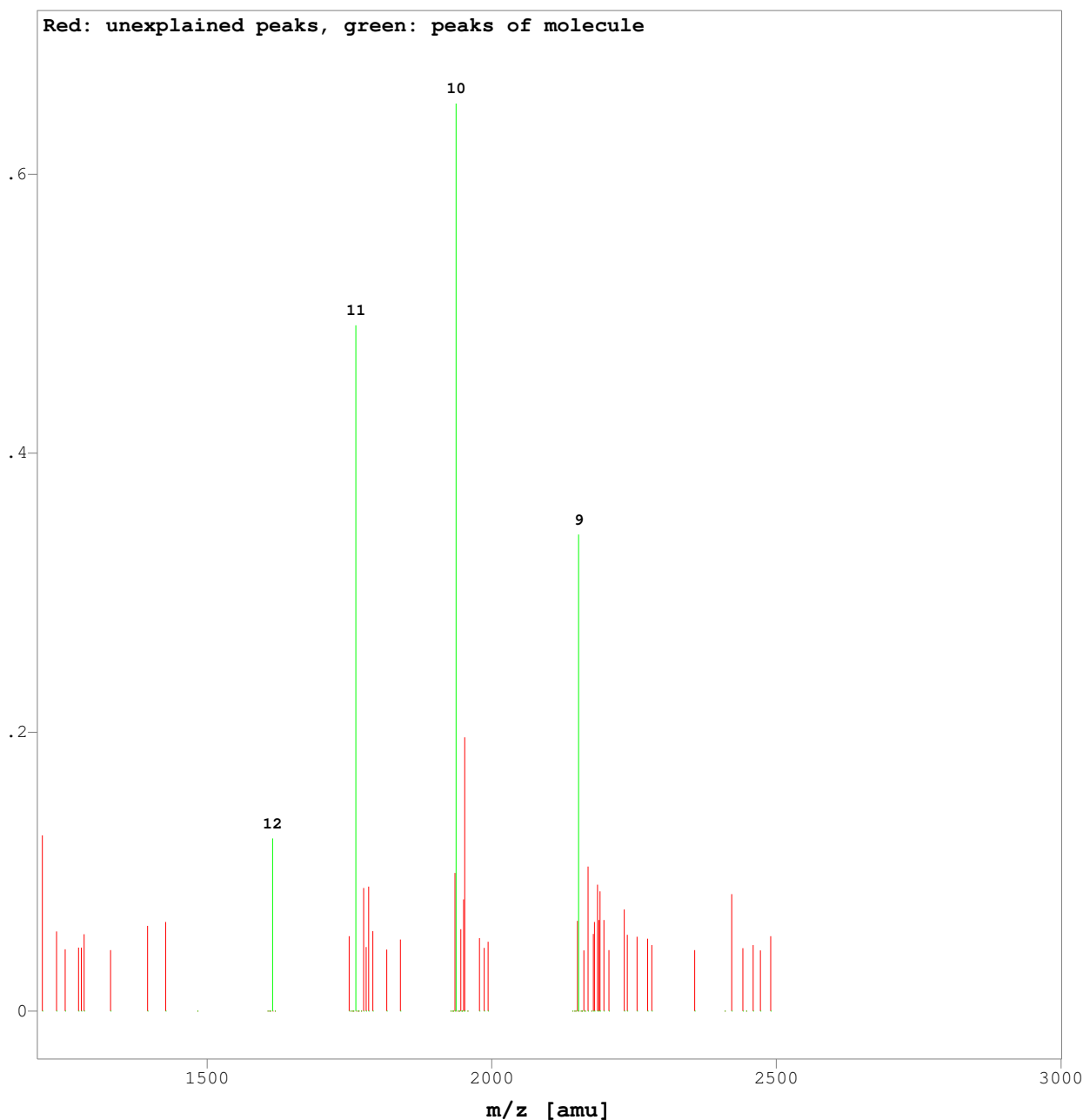
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12
Delta [Da]	-0.03	-0.08	-0.13	0.24

Intensity [a.u.]



Time range [min]: 3.846 - 4.344

Identified molecule: Mol_p16_p131 (5/8)
Mean (SdDev) mass [Da]: 19398.01 (.5), corrected for mean relative deviation of 23.7 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: .64
Exp. intensity [a.u.]: .30319
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 3.85, related to the sum of the peak sums of all molecules

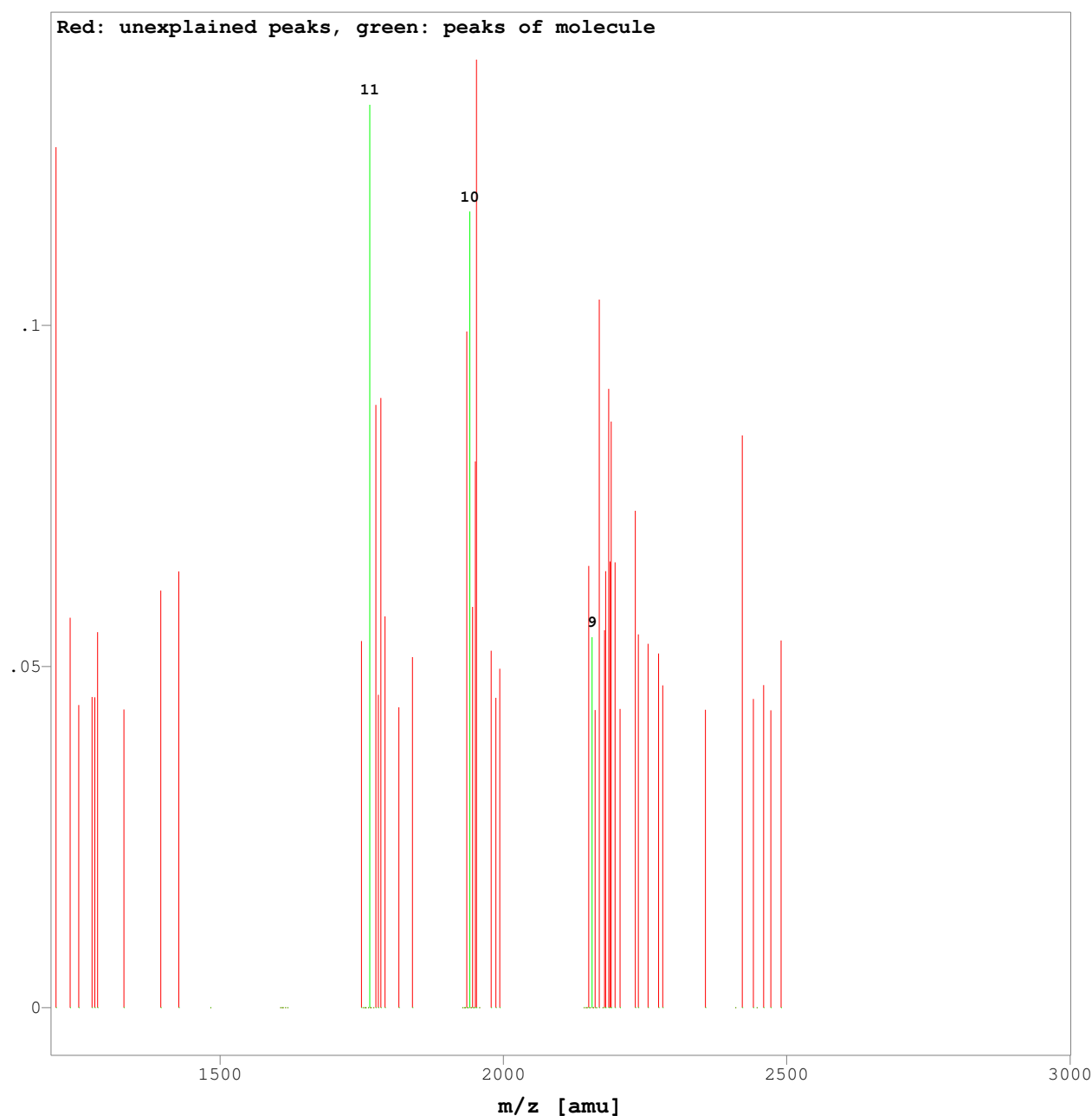
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11
Delta [Da]	0.46	0.24	-0.69

Intensity [a.u.]



Time range [min]: 3.846 - 4.344

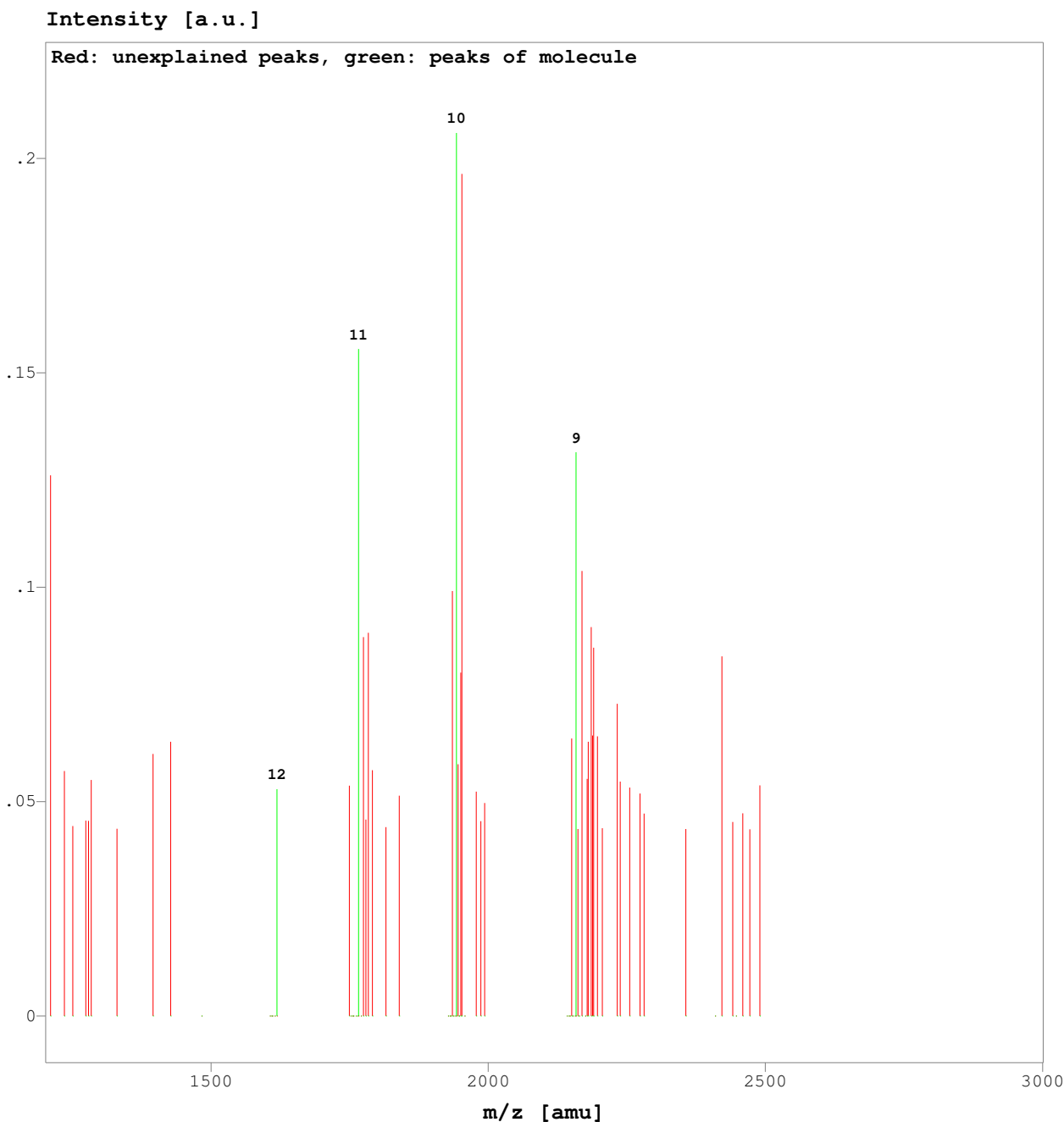
Identified molecule: M_19416.8 (6/8)
Mean (SdDev) mass [Da]: 19416.82 (.9), corrected for mean relative deviation of 23.7 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .5457
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 6.93, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12
Delta [Da]	1.52	-0.70	-0.14	-0.68



Time range [min]: 3.846 - 4.344

Identified molecule: M_19466.6 (7/8)
Mean (SdDev) mass [Da]: 19466.55 (.61), corrected for mean relative deviation of 23.7 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .65624
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 8.33, related to the sum of the peak sums of all molecules

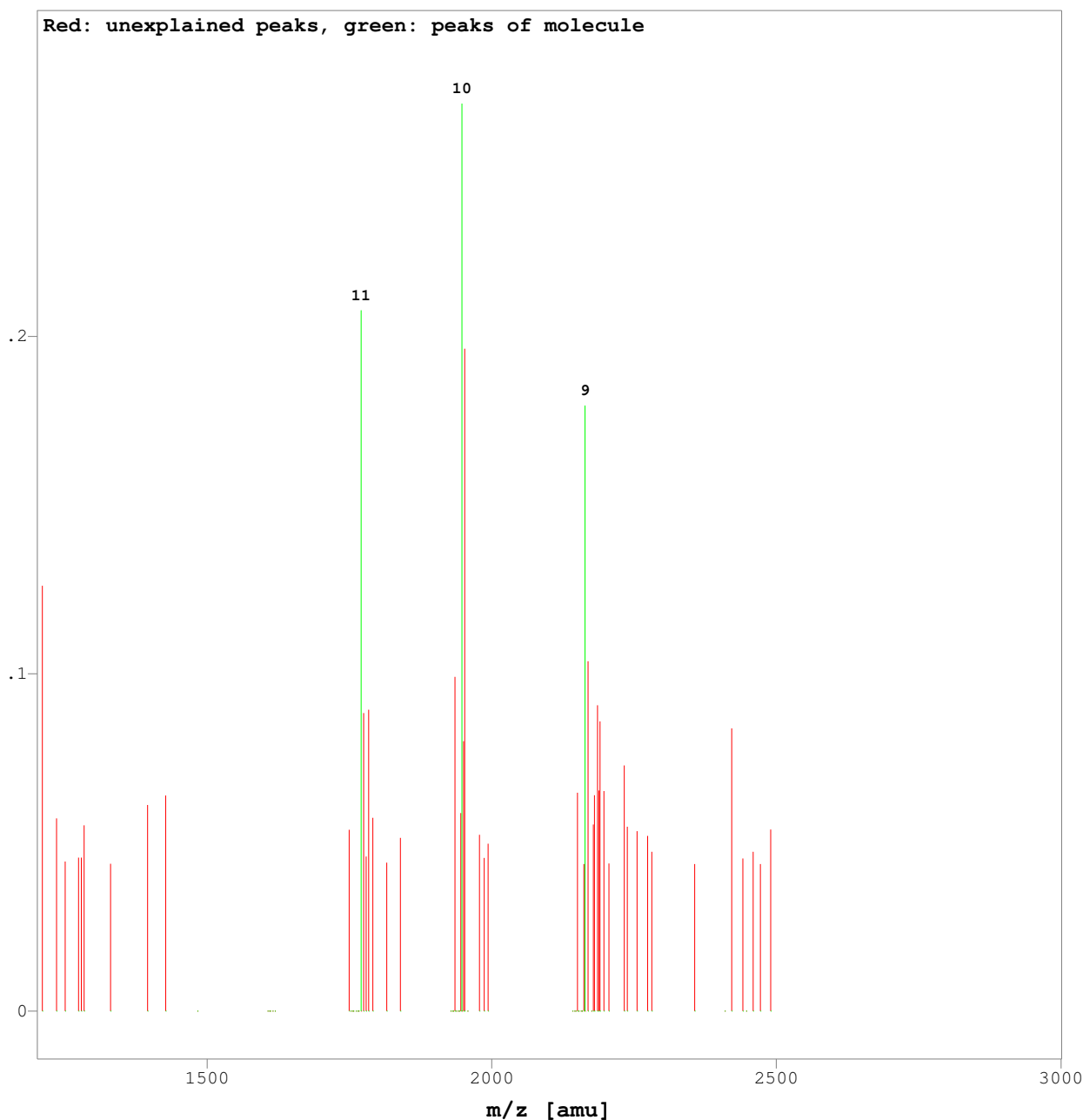
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11
Delta [Da]	-0.72	-0.05	0.77

Intensity [a.u.]



Time range [min]: 3.846 - 4.344

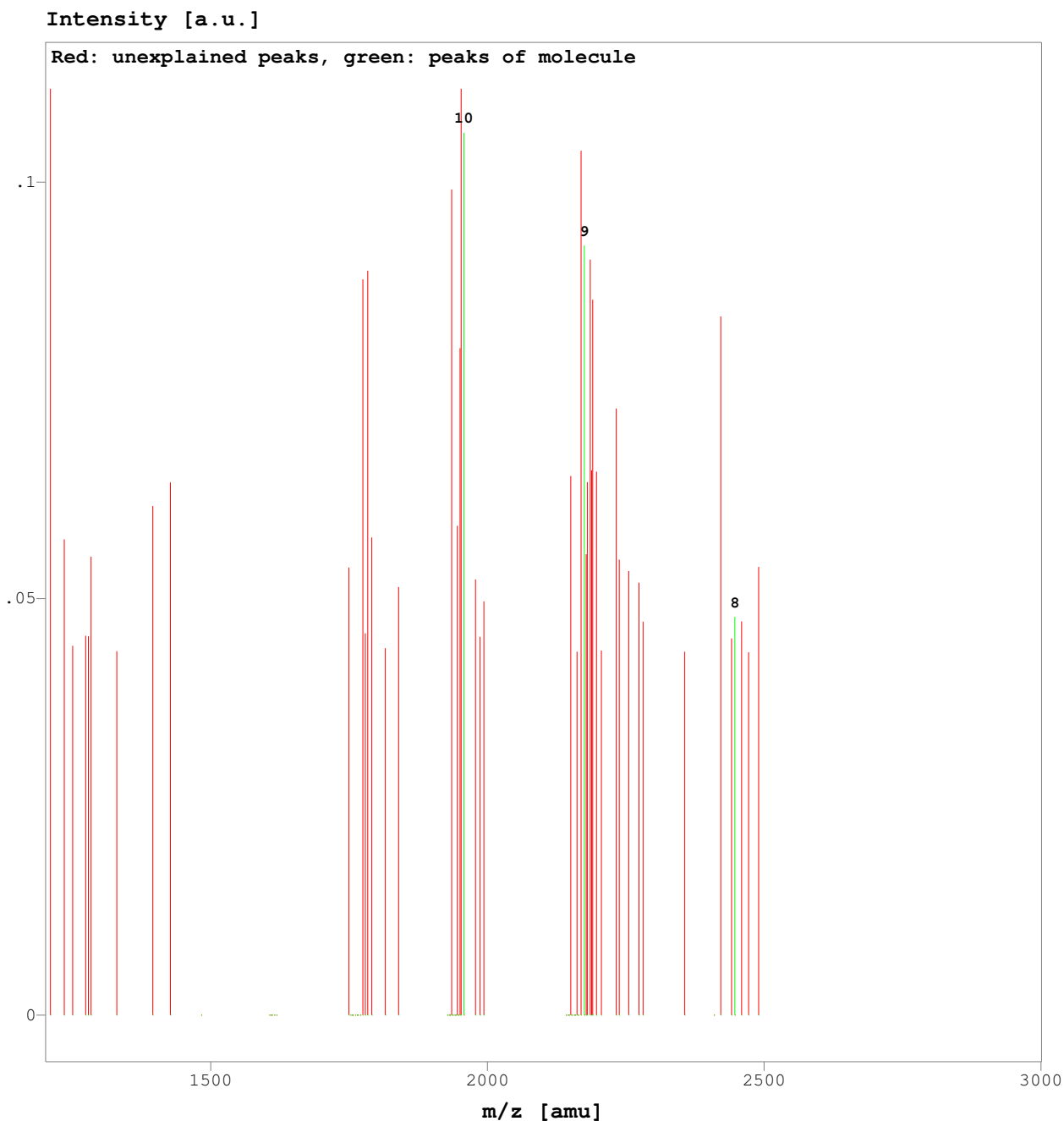
Identified molecule: M_19566.1 (8/8)
Mean (SdDev) mass [Da]: 19566.06 (.69), corrected for mean relative deviation of 23.7 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .24602
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 3.12, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10
Delta [Da]	0.98	-0.50	-0.48



Time range [min]: 4.685 - 6.271

Identified molecule: M_19121.5 (1/18)
Mean (SdDev) mass [Da]: 19121.4 (.7), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 6
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 32.381
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .25, related to the sum of the peak sums of all molecules

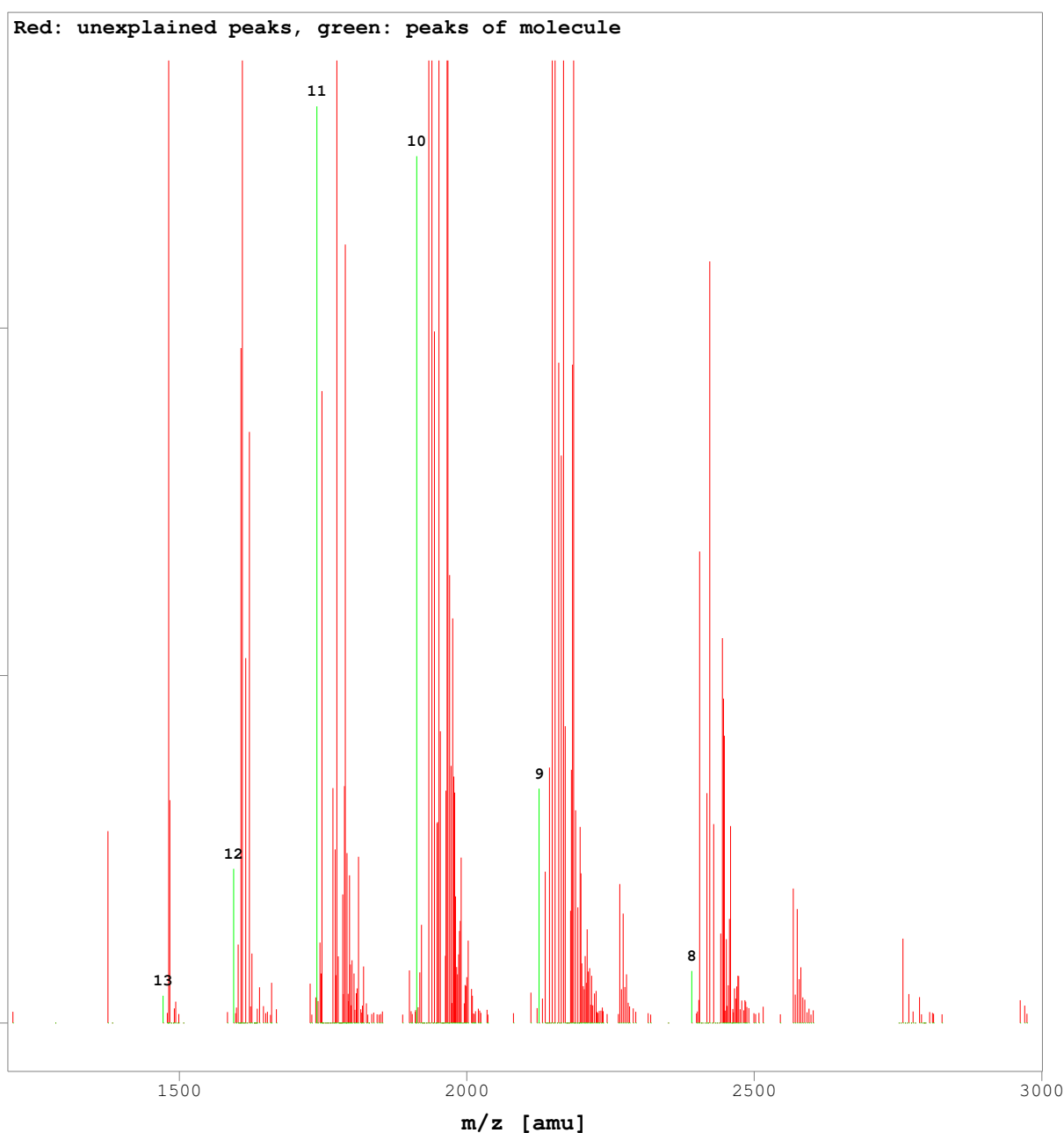
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11	12	13
Delta [Da]	-0.48	-0.32	-0.49	-0.03	-0.19	1.51

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

Identified molecule: M_19228.3 (2/18)

Mean (SdDev) mass [Da]: 19228.21 (1.51), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 5
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 122.9
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .95, related to the sum of the peak sums of all molecules

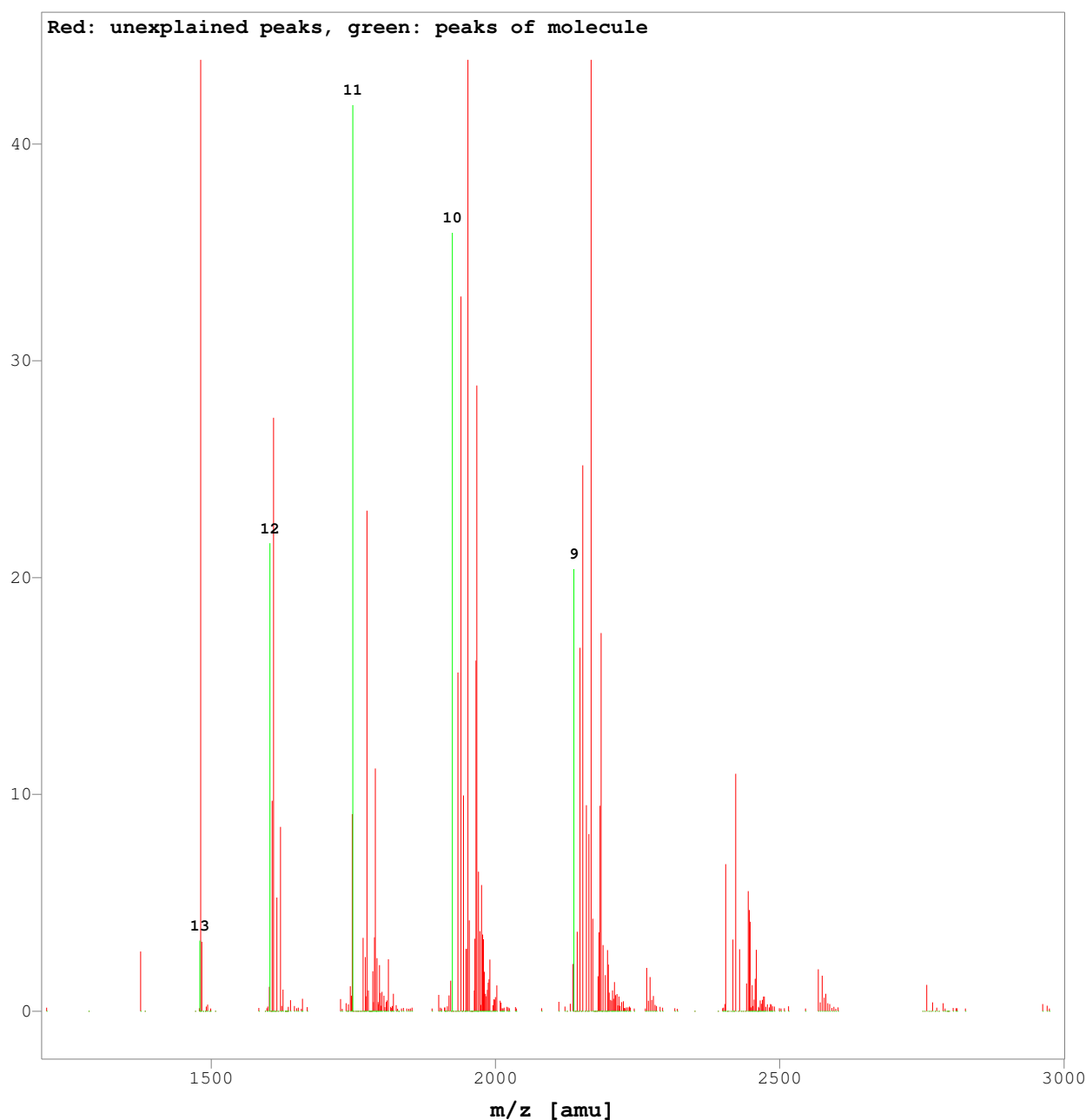
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12	13
Delta [Da]	2.38	1.01	-0.36	-1.43	-1.59

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

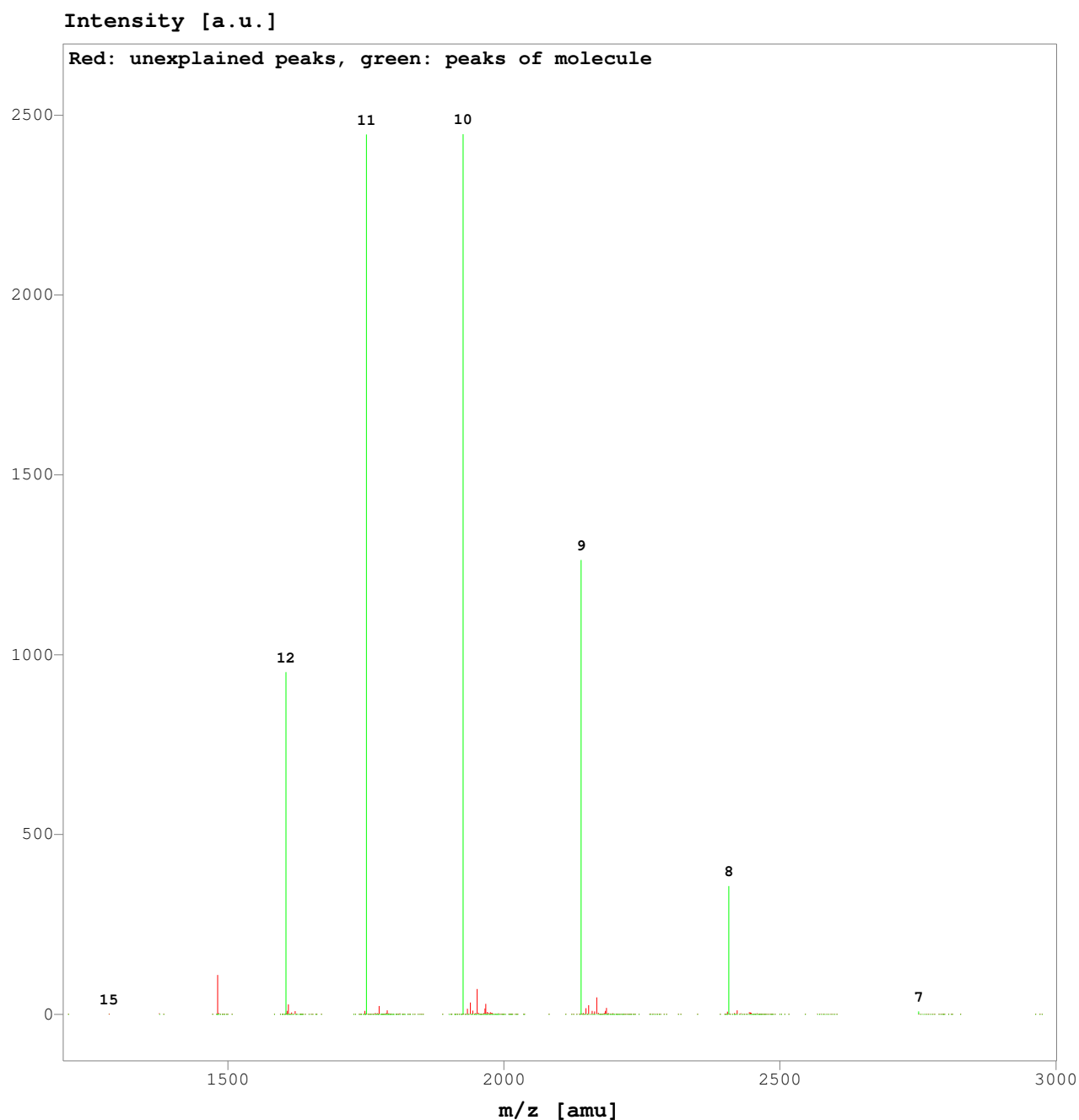
Identified molecule: Mol (3/18)
Mean (SdDev) mass [Da]: 19250.18 (.19), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 7
Deviation from exp. mass [Da]: -.19
Exp. intensity [a.u.]: 7471.7
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 57.93, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	8	9	10	11	12	15
Delta [Da]	-0.13	0.04	-0.03	-0.05	0.11	0.35	-0.30



Time range [min]: 4.685 - 6.271

Identified molecule: Mol_Na (4/18)
Mean (SdDev) mass [Da]: 19272.25 (1.32), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: -.11
Exp. intensity [a.u.]: 56.053
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .43, related to the sum of the peak sums of all molecules

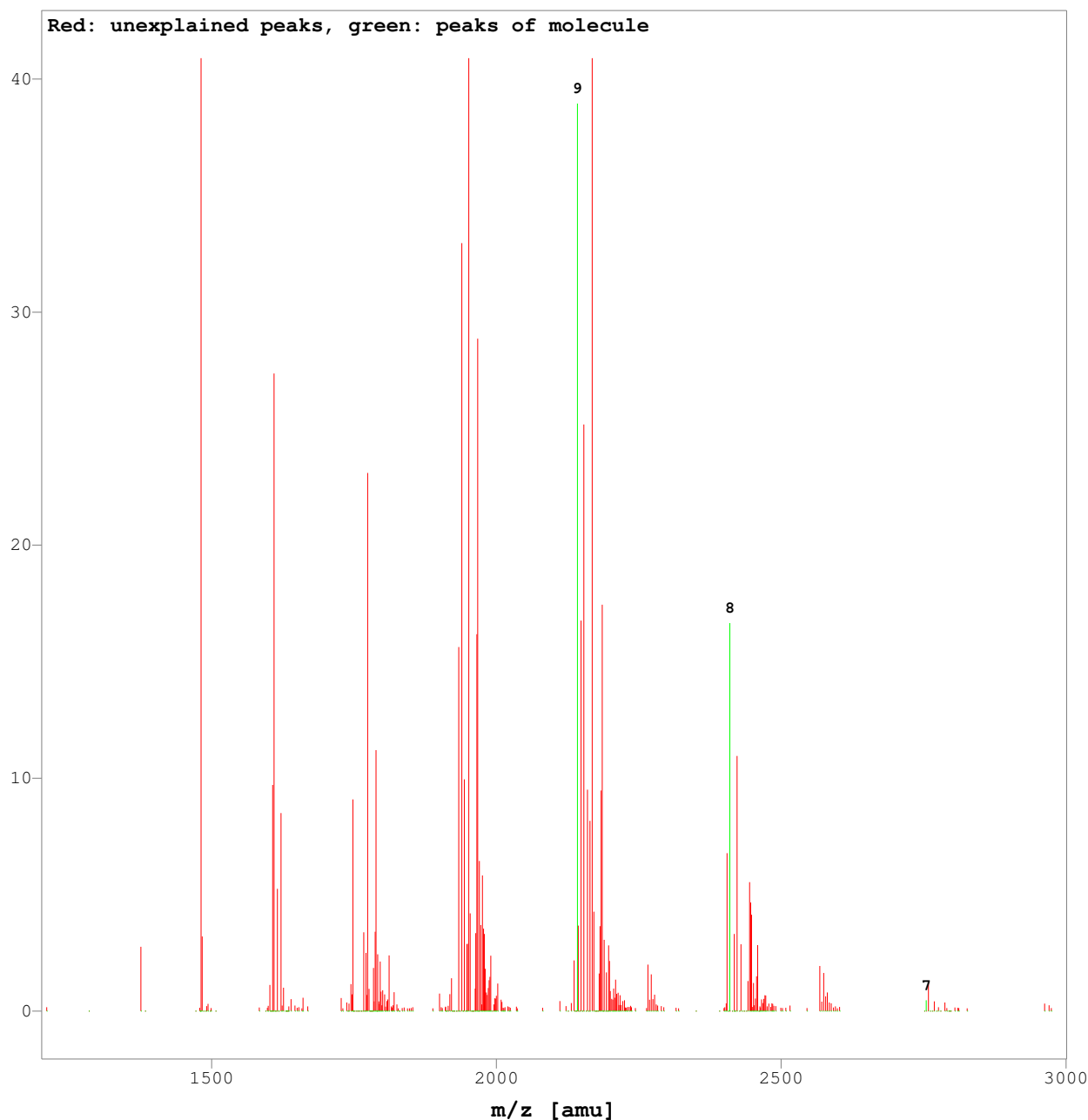
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	8	9
Delta [Da]	1.85	-1.11	-0.75

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

Identified molecule: Mol_p16^2 (5/18)
Mean (SdDev) mass [Da]: 19282.13 (.46), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: -.24
Exp. intensity [a.u.]: 135.66
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 1.05, related to the sum of the peak sums of all molecules

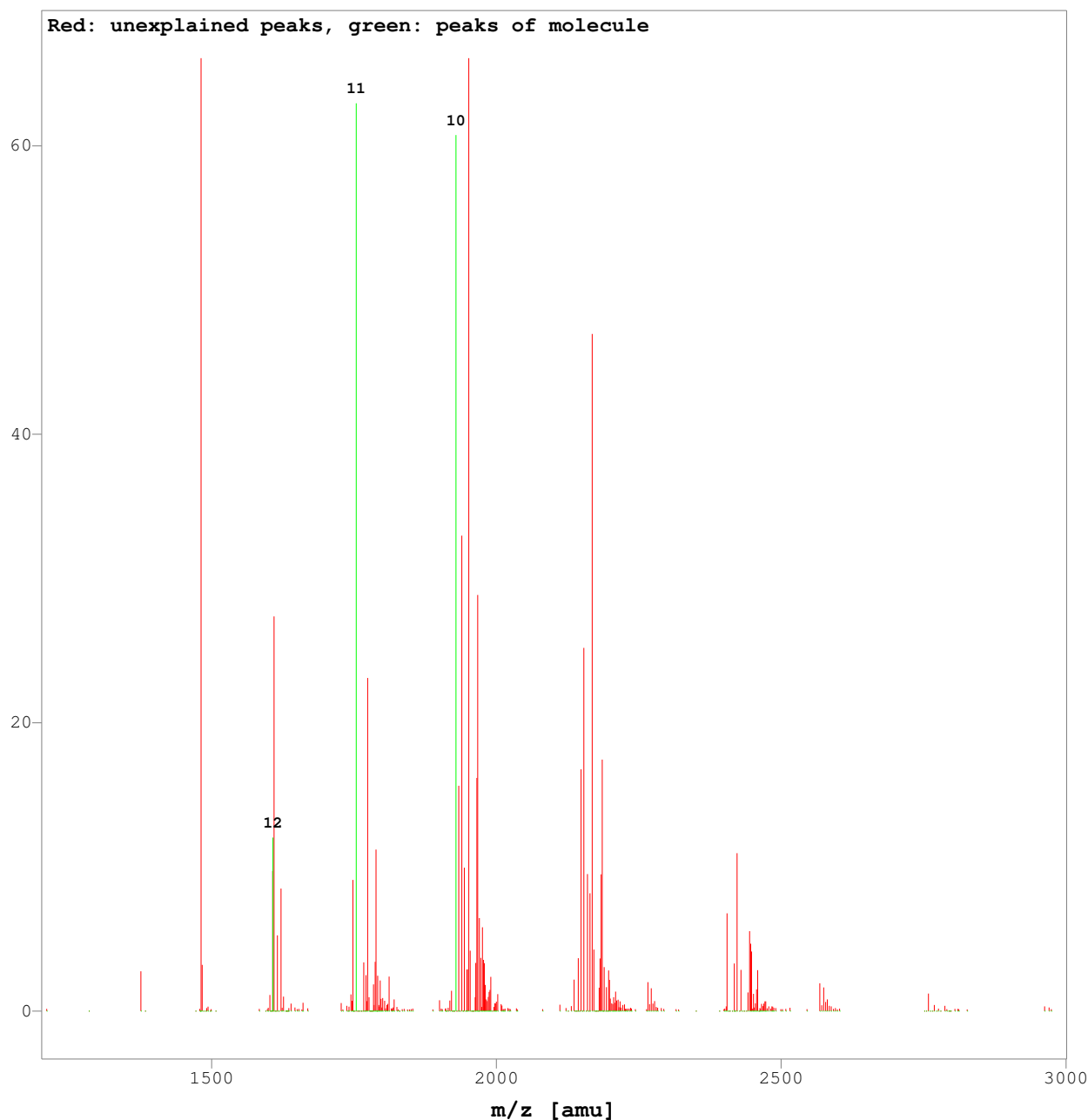
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	10	11	12
Delta [Da]	0.47	0.16	-0.63

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

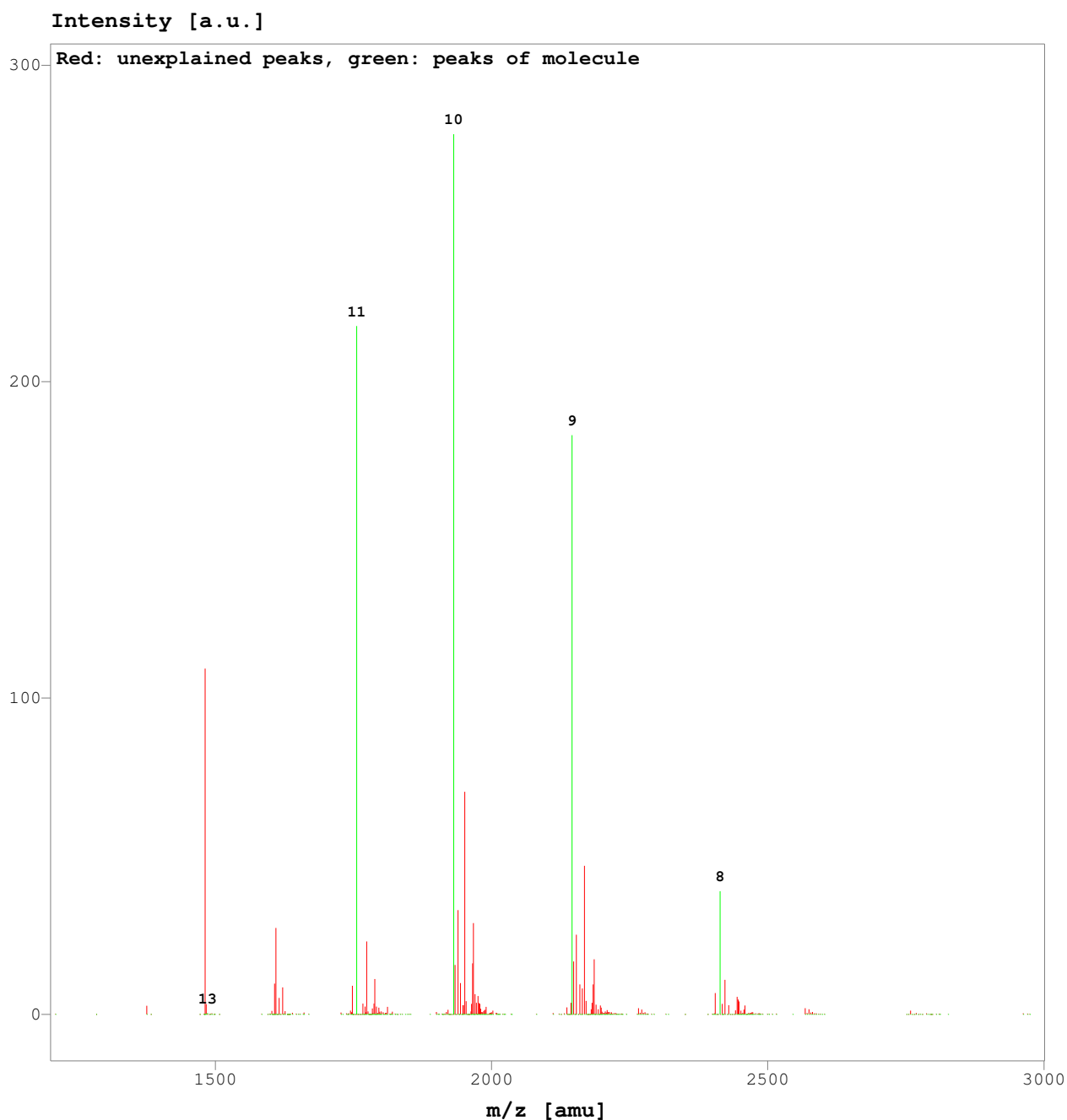
Identified molecule: Mol_p53 (6/18)
Mean (SdDev) mass [Da]: 19303.44 (.67), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 5
Deviation from exp. mass [Da]: .07
Exp. intensity [a.u.]: 718.04
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 5.57, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11	13
Delta [Da]	-0.78	-0.13	-0.19	-0.14	1.24



Time range [min]: 4.685 - 6.271

Identified molecule: Mol_K2 (7/18)
Mean (SdDev) mass [Da]: 19327.36 (.28), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: .81
Exp. intensity [a.u.]: 19.07
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .15, related to the sum of the peak sums of all molecules

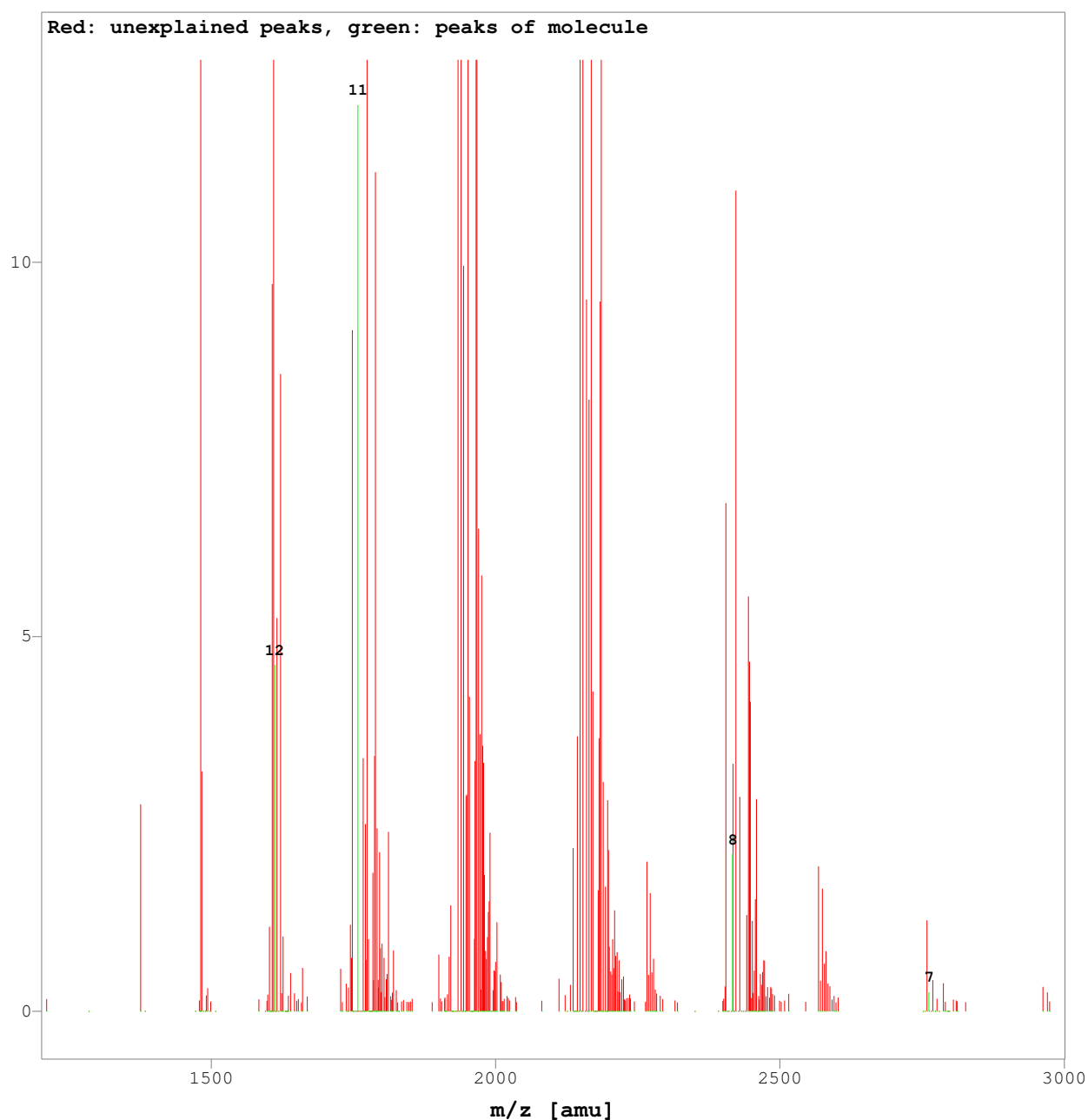
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	8	11	12
Delta [Da]	-0.08	-0.37	0.42	0.03

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

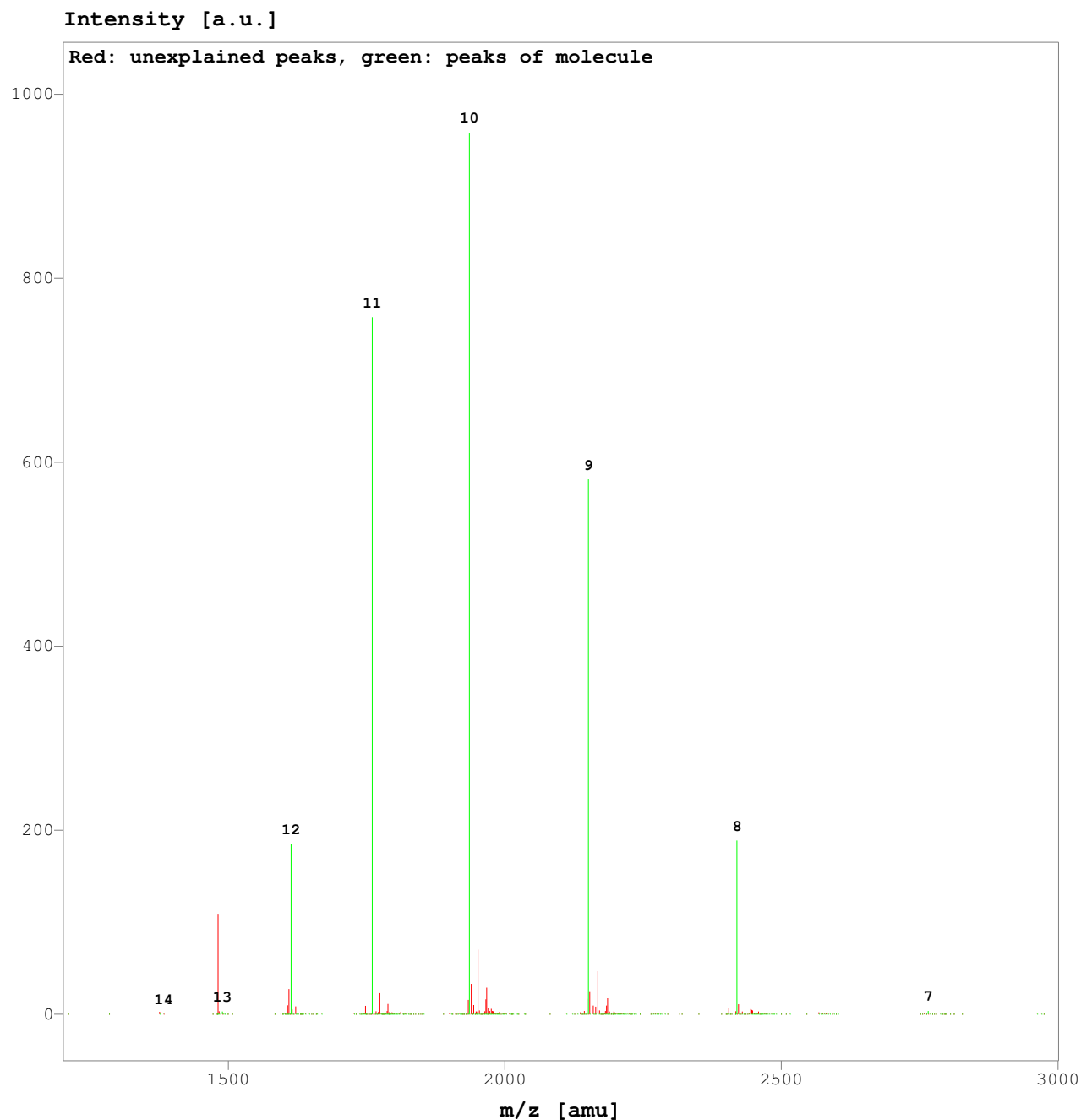
Identified molecule: Mol_p100 (8/18)
Mean (SdDev) mass [Da]: 19350.15 (.18), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 8
Deviation from exp. mass [Da]: -.23
Exp. intensity [a.u.]: 2676.9
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 20.75, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	8	9	10	11	12	13	14
Delta [Da]	-0.28	-0.01	-0.11	-0.03	0.15	0.17	-0.19	0.29



Time range [min]: 4.685 - 6.271

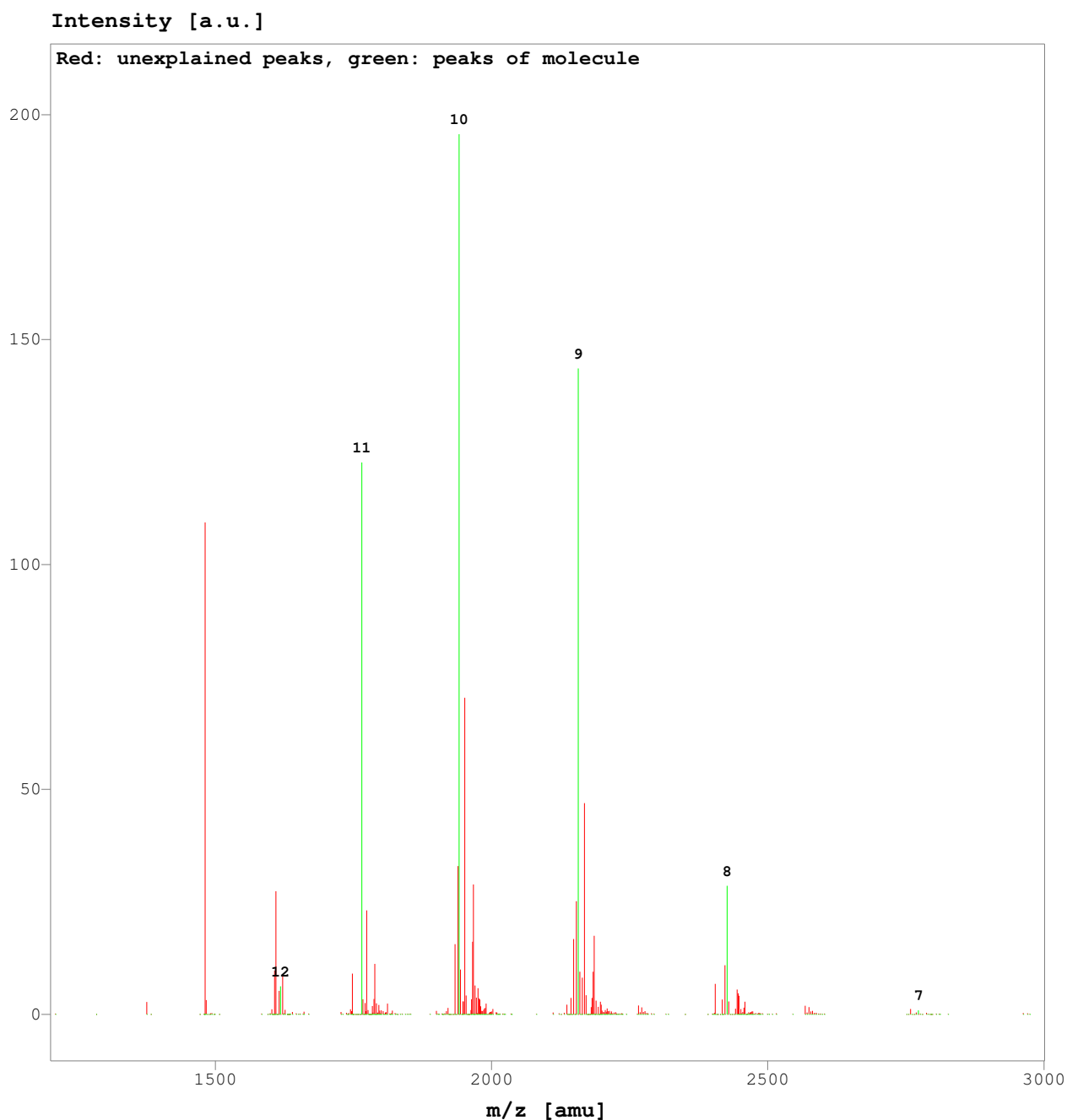
Identified molecule: Mol_p53_p100 (9/18)
Mean (SdDev) mass [Da]: 19403.61 (.63), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 6
Deviation from exp. mass [Da]: .23
Exp. intensity [a.u.]: 497.53
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 3.86, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	8	9	10	11	12
Delta [Da]	-0.91	-0.45	-0.11	0.06	0.27	1.14



Time range [min]: 4.685 - 6.271

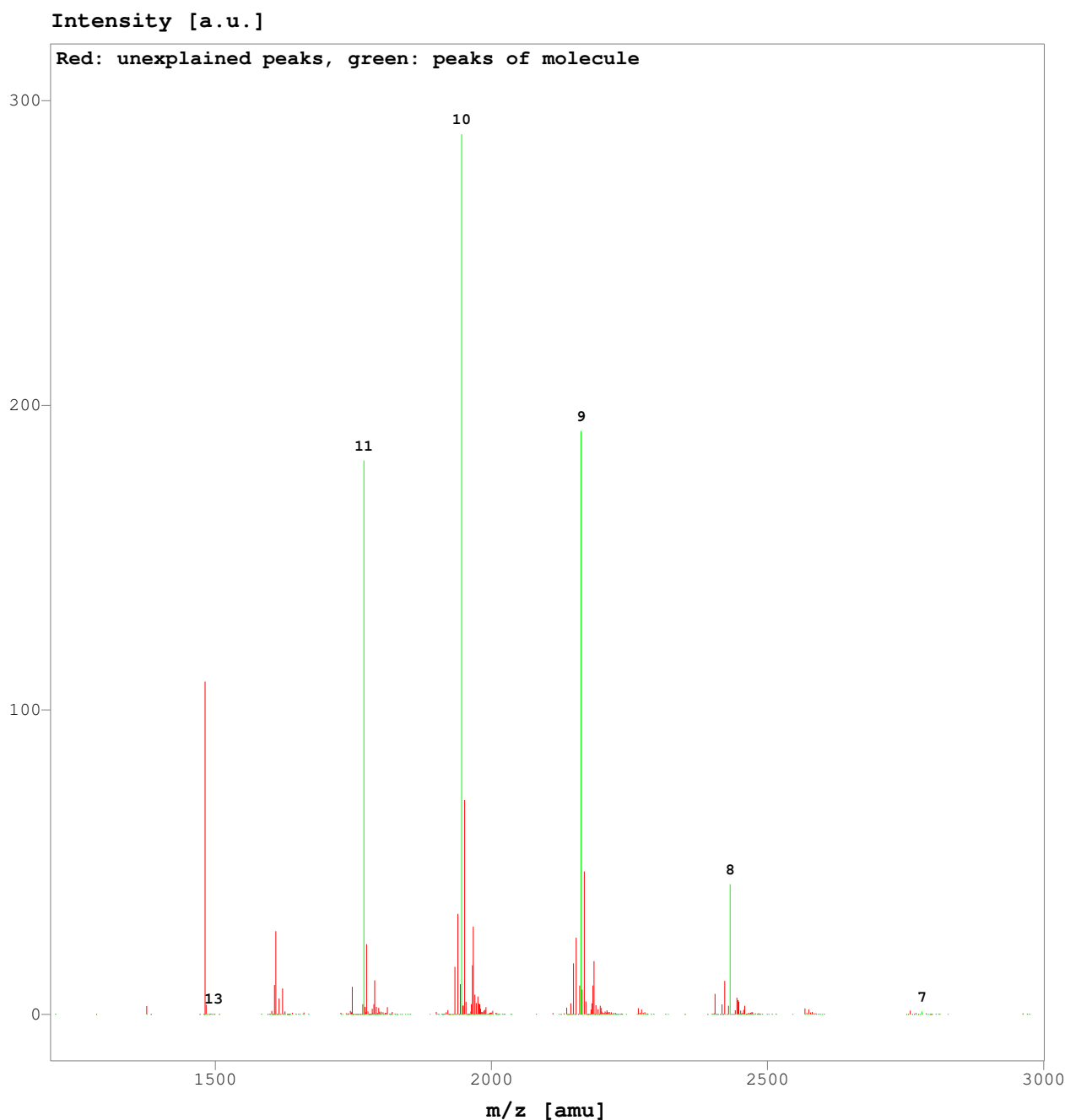
Identified molecule: Mol_p100^2 (10/18)
Mean (SdDev) mass [Da]: 19450.02 (.19), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 6
Deviation from exp. mass [Da]: -.35
Exp. intensity [a.u.]: 706.33
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 5.48, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	8	9	10	11	13
Delta [Da]	-0.31	-0.03	0.20	-0.01	0.25	-0.09



Time range [min]: 4.685 - 6.271

Identified molecule: **M_19547.7 (11/18)**
Mean (SdDev) mass [Da]: 19547.56 (1.13), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 5
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 129.23
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 1, related to the sum of the peak sums of all molecules

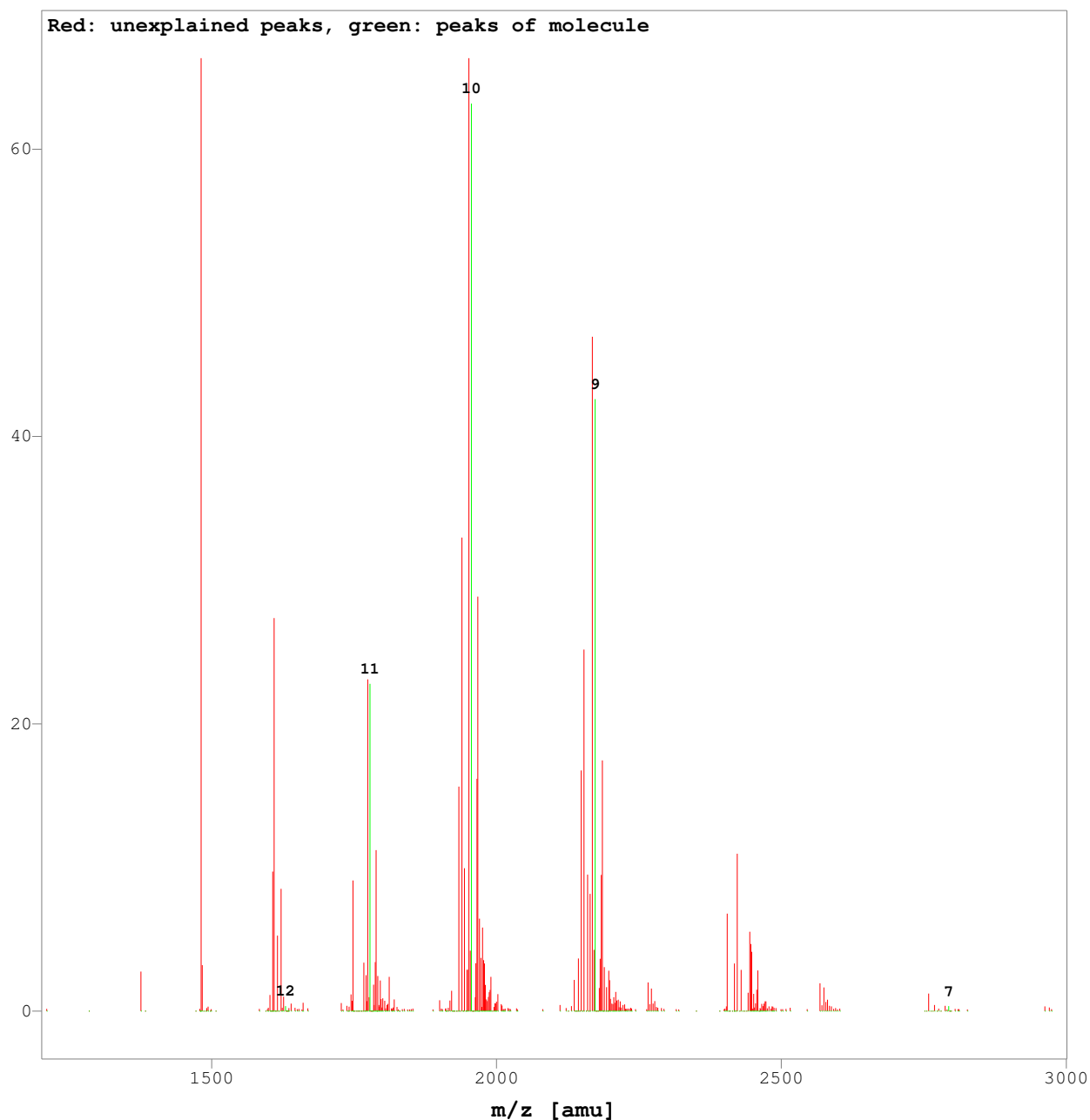
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	9	10	11	12
Delta [Da]	1.34	0.79	0.31	-0.55	-1.89

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

Identified molecule: M_19562.8 (12/18)
Mean (SdDev) mass [Da]: 19562.69 (.49), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 5
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 103.61
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .8, related to the sum of the peak sums of all molecules

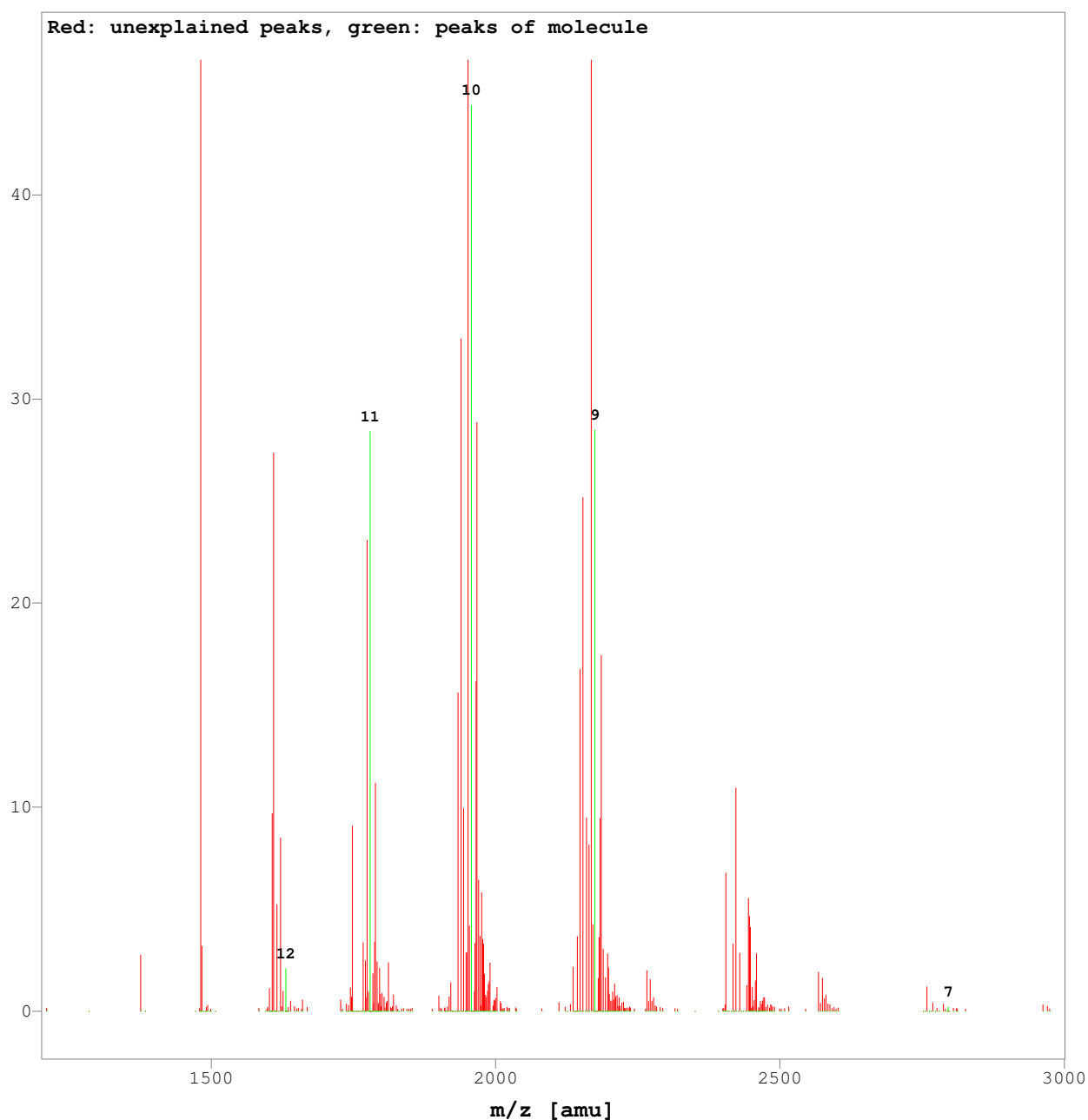
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	9	10	11	12
Delta [Da]	0.66	0.12	0.05	0.03	-0.86

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

Identified molecule: M_19578.4 (13/18)
Mean (SdDev) mass [Da]: 19578.28 (1.1), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 6
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 93.005
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .72, related to the sum of the peak sums of all molecules

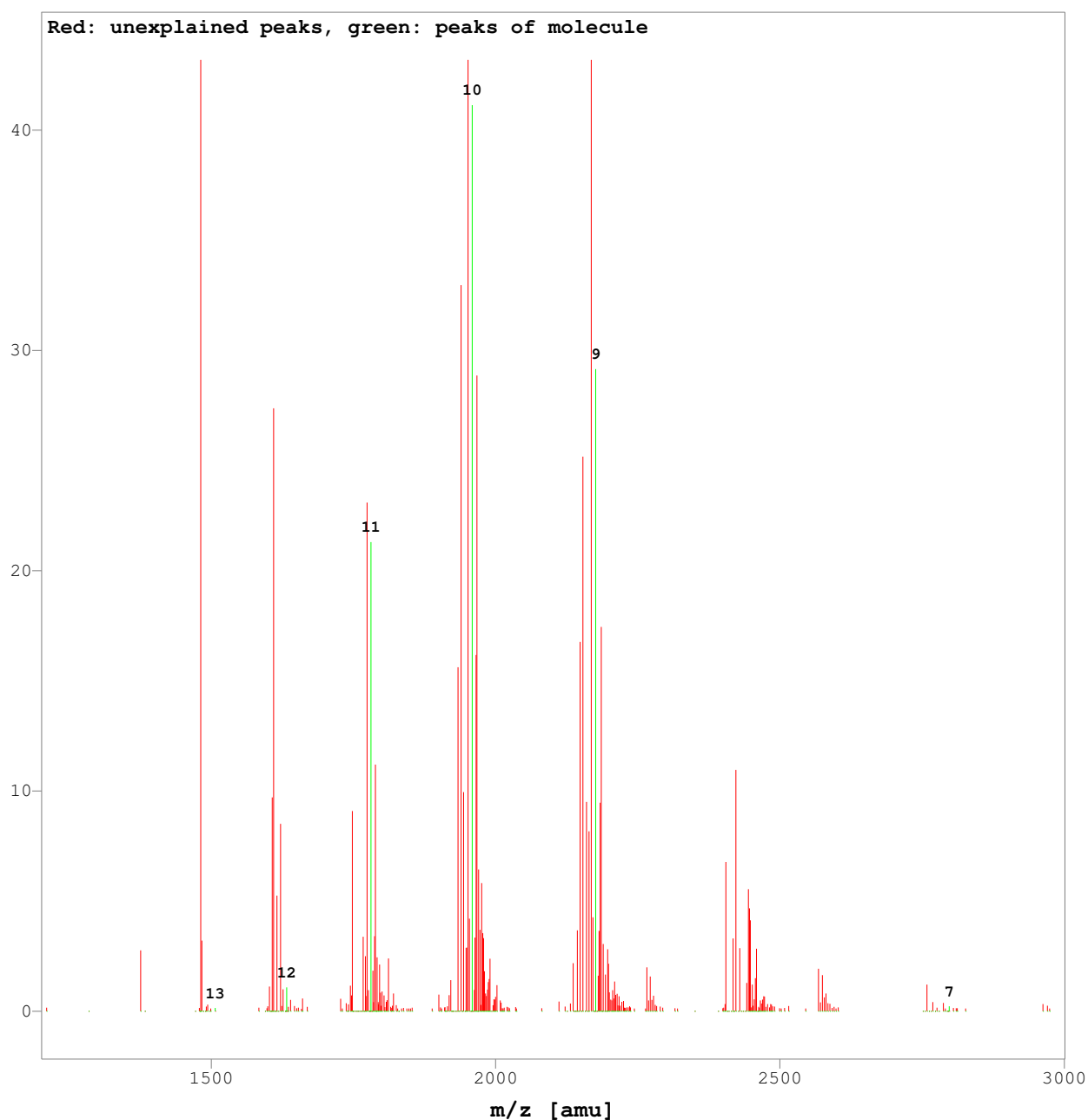
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	7	9	10	11	12	13
Delta [Da]	-1.15	-0.89	-0.33	0.01	0.12	2.24

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

Identified molecule: M_19594.4 (14/18)
Mean (SdDev) mass [Da]: 19594.3 (.58), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 34.738
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .27, related to the sum of the peak sums of all molecules

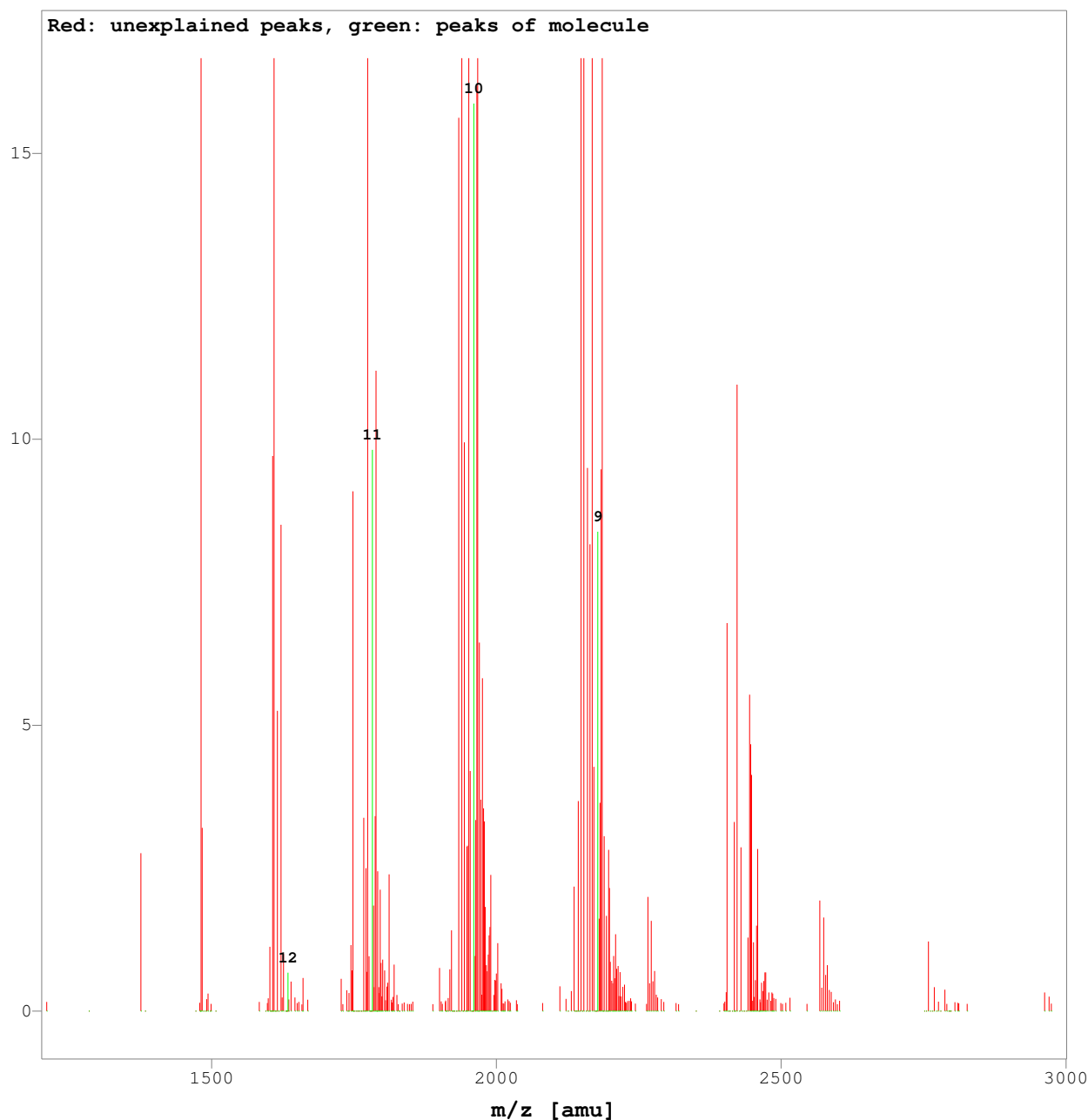
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12
Delta [Da]	-0.70	-0.43	0.45	0.67

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

Identified molecule: M_19677.8 (15/18)
Mean (SdDev) mass [Da]: 19677.65 (.59), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 37.939
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .29, related to the sum of the peak sums of all molecules

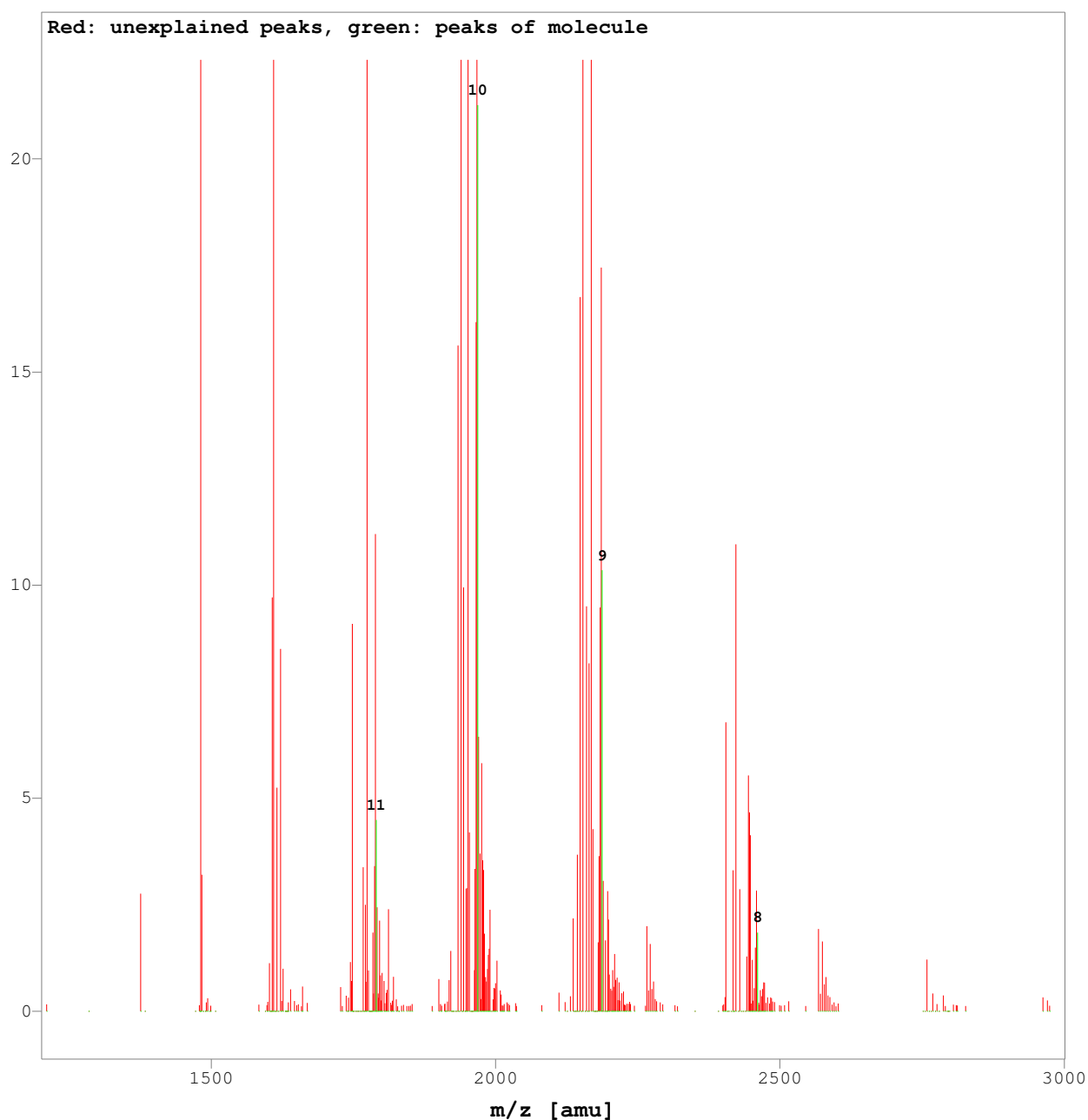
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11
Delta [Da]	-0.55	-0.35	-0.08	0.98

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

Identified molecule: M_21141.7 (16/18)
Mean (SdDev) mass [Da]: 21141.57 (.87), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 41.07
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .32, related to the sum of the peak sums of all molecules

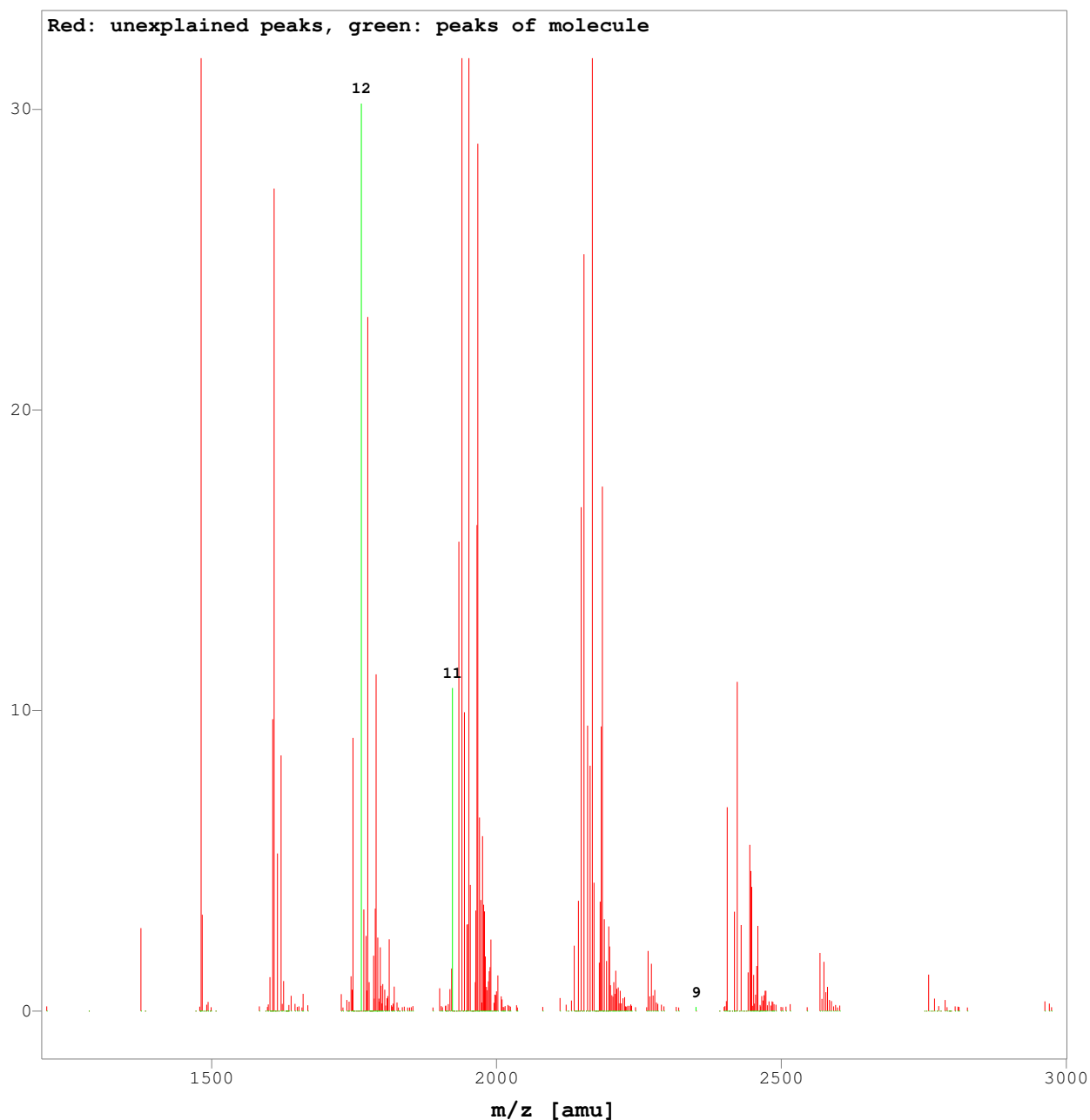
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	11	12
Delta [Da]	-0.10	-1.01	1.11

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

Identified molecule: M_21906.4 (17/18)
Mean (SdDev) mass [Da]: 21906.25 (.56), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 8.1224
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .06, related to the sum of the peak sums of all molecules

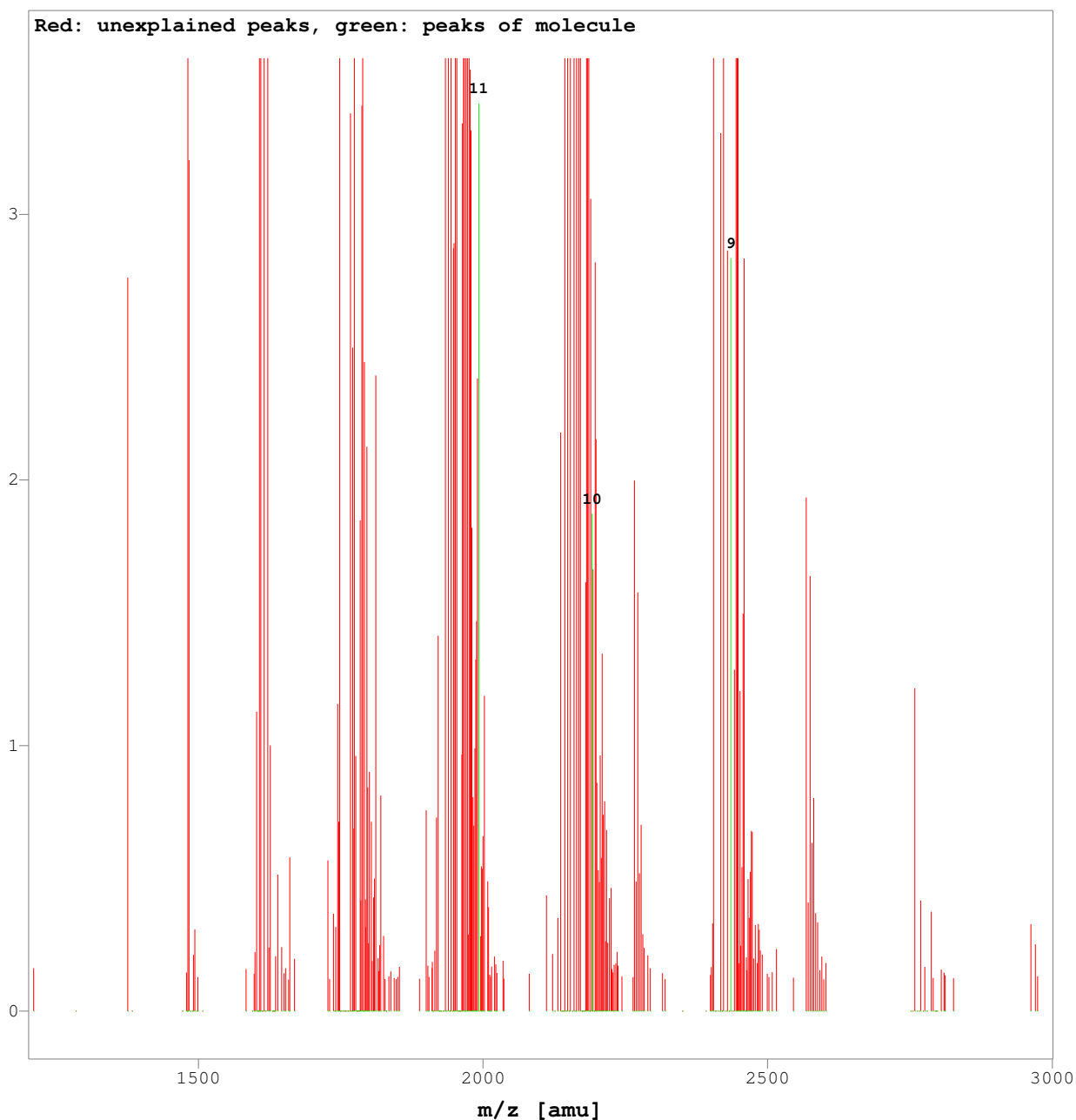
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11
Delta [Da]	0.33	-0.79	0.45

Intensity [a.u.]



Time range [min]: 4.685 - 6.271

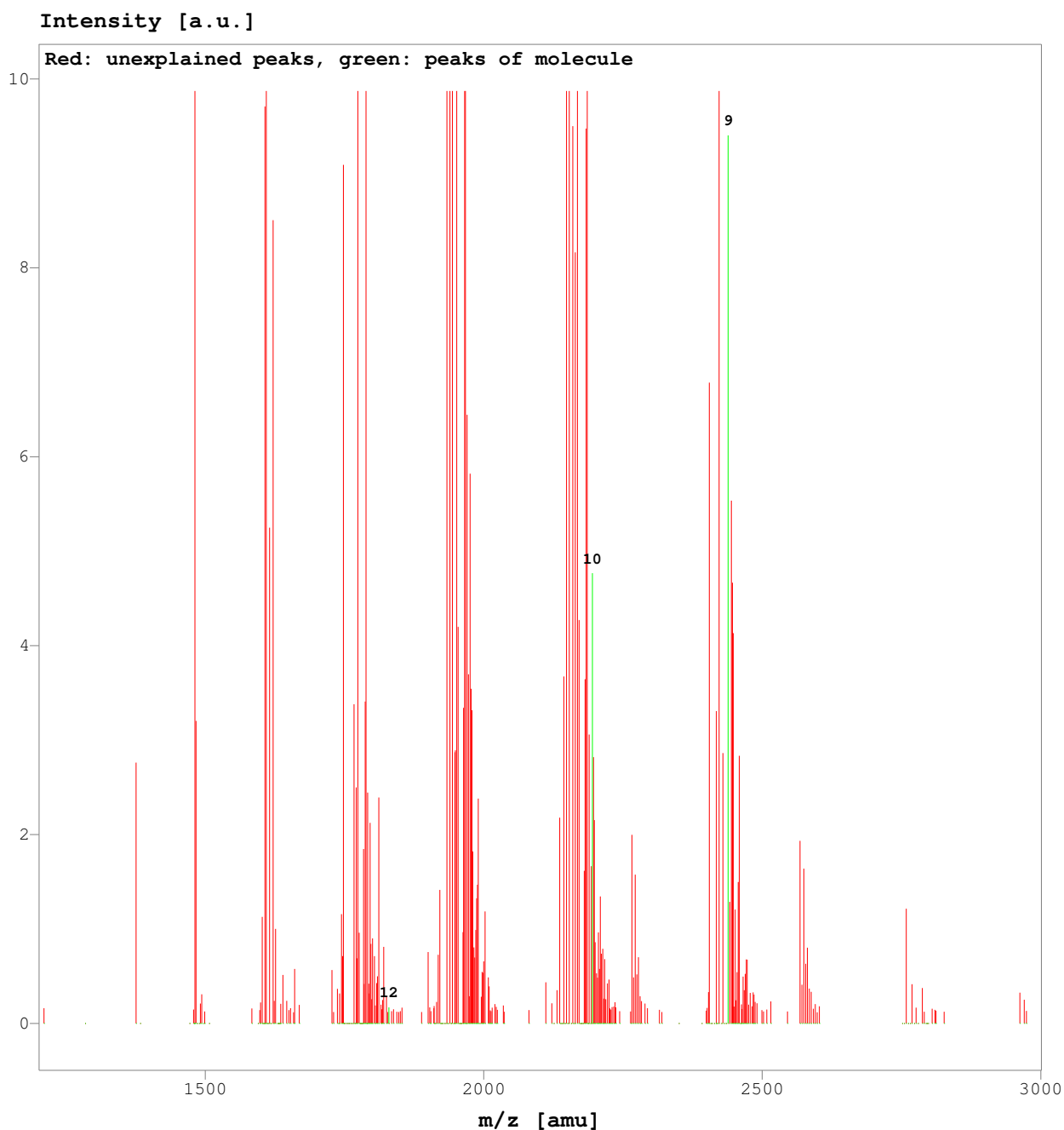
Identified molecule: M_21941.7 (18/18)
Mean (SdDev) mass [Da]: 21941.56 (1.39), corrected for mean relative deviation of 40.5 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 14.337
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: .11, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	12
Delta [Da]	-0.80	-1.16	1.96



Time range [min]: 7.66 - 8.67

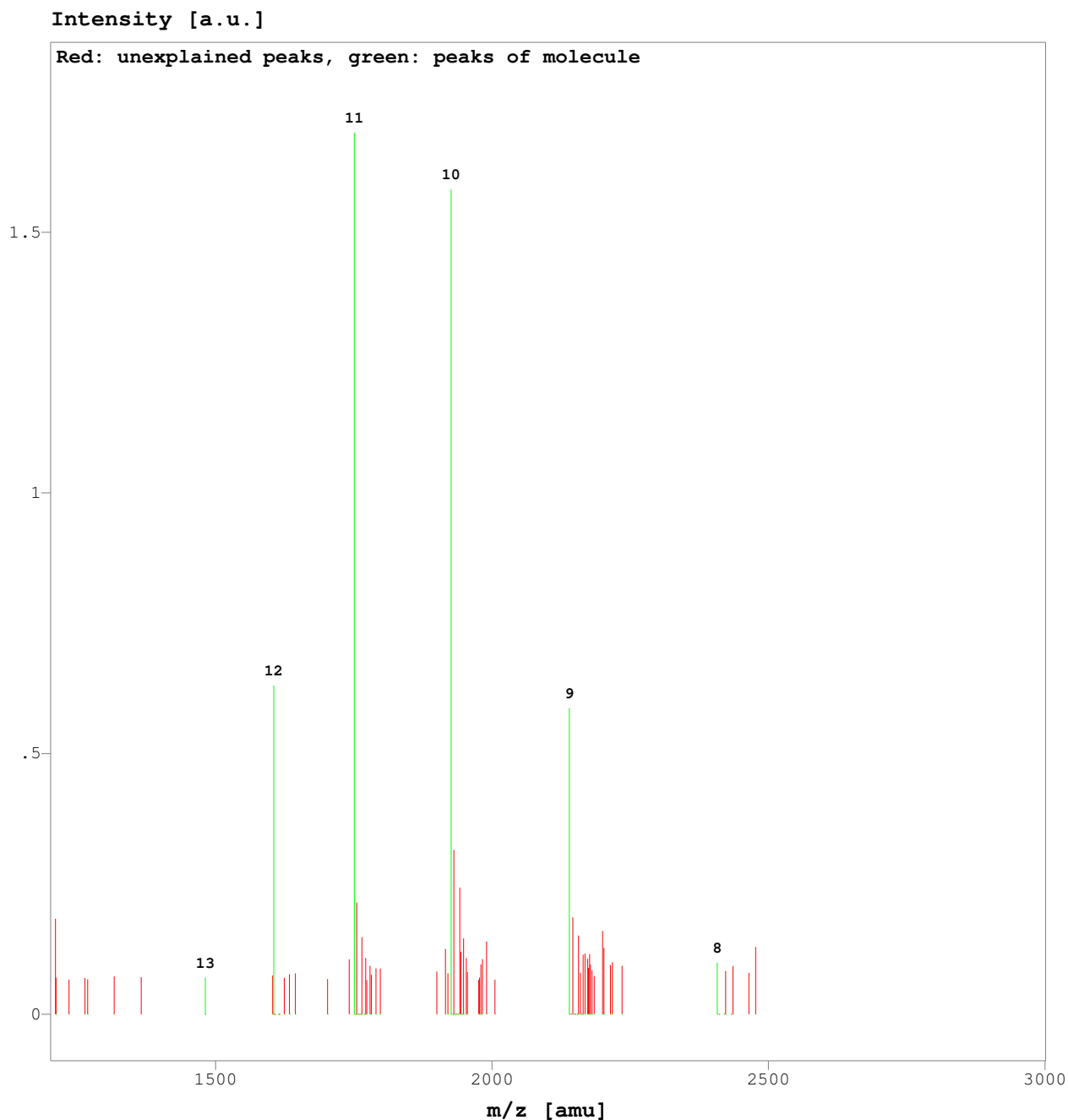
Identified molecule: Mol (1/6)
Mean (SdDev) mass [Da]: 19250.03 (.37), corrected for mean relative deviation of 39.5 ppm
Number of charge states: 6
Deviation from exp. mass [Da]: -.34
Exp. intensity [a.u.]: 4.6583
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 40.35, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11	12	13
Delta [Da]	0.43	0.18	-0.21	0.02	0.27	-0.69



Time range [min]: 7.66 - 8.67

Identified molecule: M_19278.1 (2/6)
Mean (SdDev) mass [Da]: 19278.02 (.56), corrected for mean relative deviation of 39.5 ppm
Number of charge states: 5
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 2.2027
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 19.08, related to the sum of the peak sums of all molecules

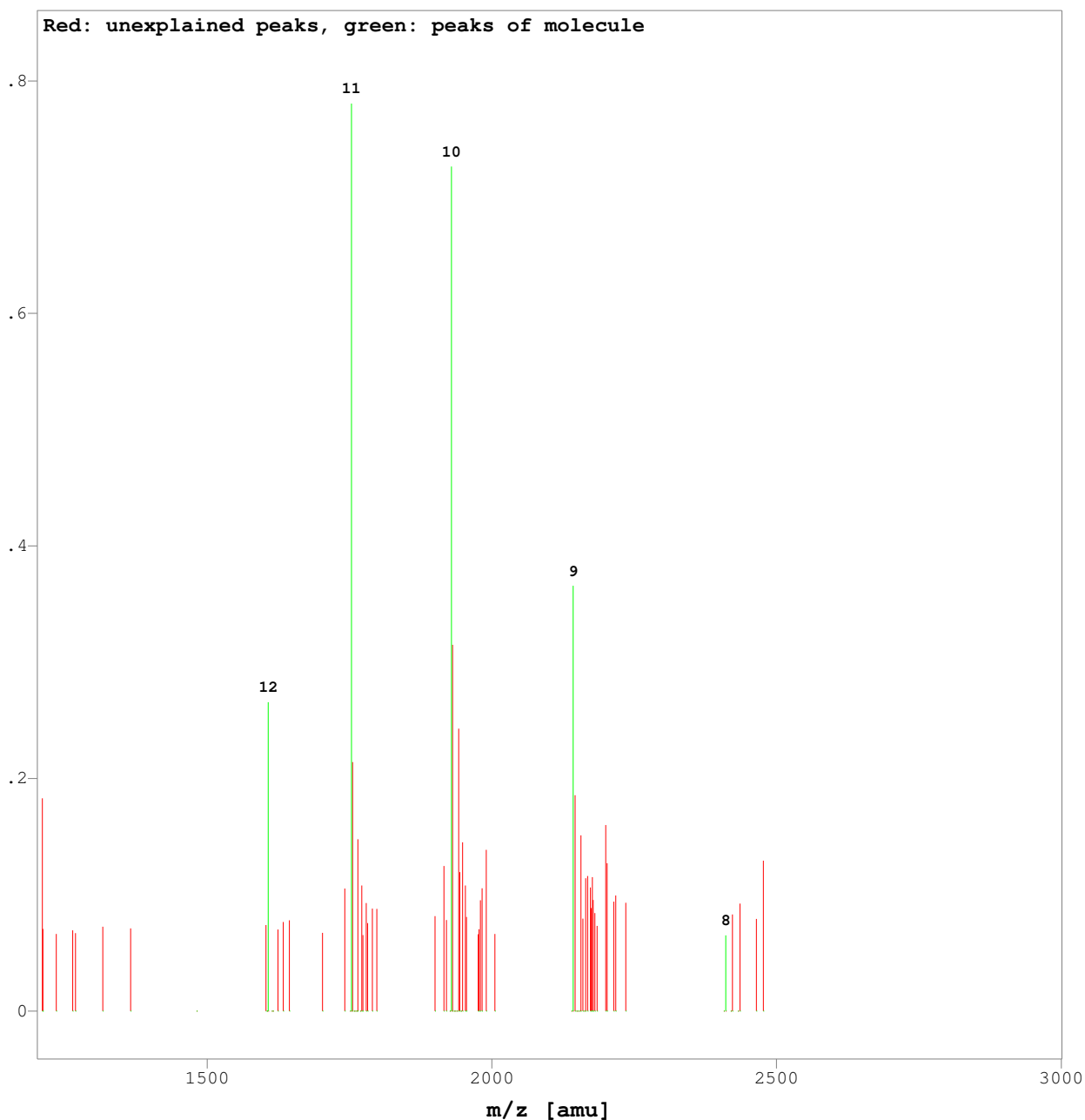
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11	12
Delta [Da]	-0.71	0.03	0.78	0.42	-0.52

Intensity [a.u.]



Time range [min]: 7.66 - 8.67

Identified molecule: Mol_K2 (3/6)
Mean (SdDev) mass [Da]: 19327.53 (.82), corrected for mean relative deviation of 39.5 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: .97
Exp. intensity [a.u.]: .75727
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 6.56, related to the sum of the peak sums of all molecules

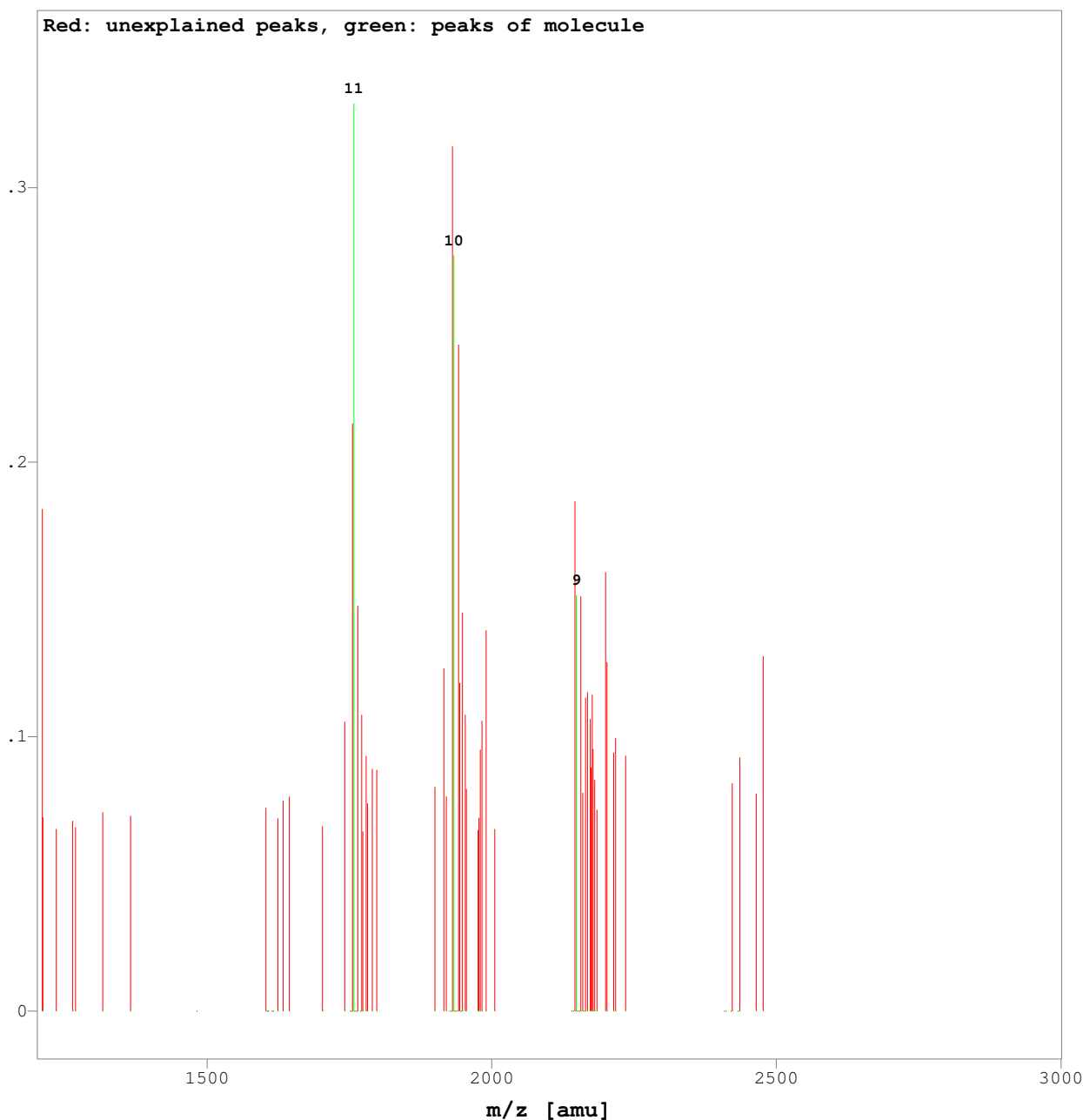
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11
Delta [Da]	1.09	-0.88	-0.22

Intensity [a.u.]



Time range [min]: 7.66 - 8.67

Identified molecule: Mol_p100 (4/6)
Mean (SdDev) mass [Da]: 19349.74 (.4), corrected for mean relative deviation of 39.5 ppm
Number of charge states: 5
Deviation from exp. mass [Da]: -.63
Exp. intensity [a.u.]: 2.1647
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 18.75, related to the sum of the peak sums of all molecules

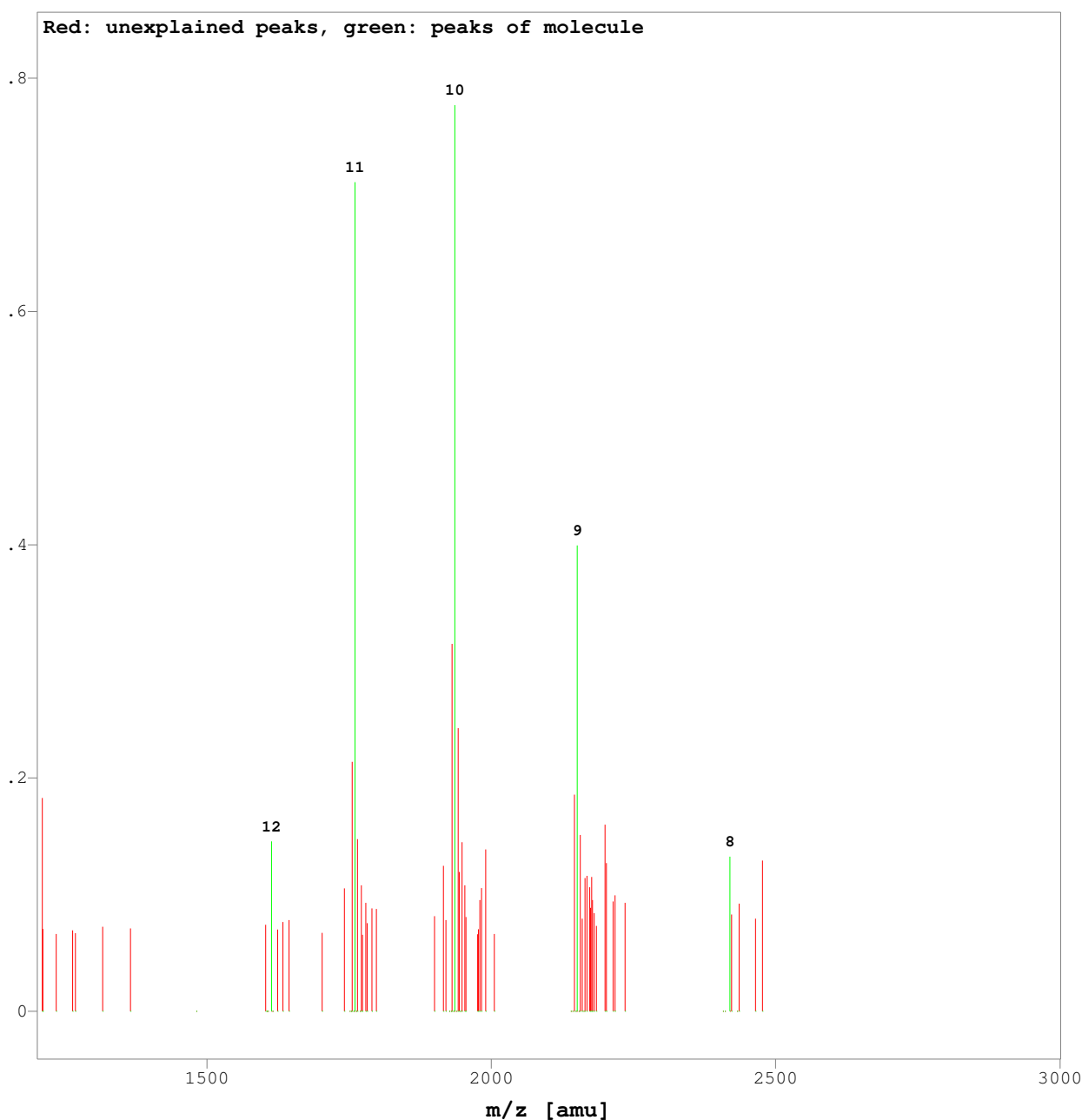
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11	12
Delta [Da]	-0.60	0.07	-0.29	0.31	0.51

Intensity [a.u.]



Time range [min]: 7.66 - 8.67

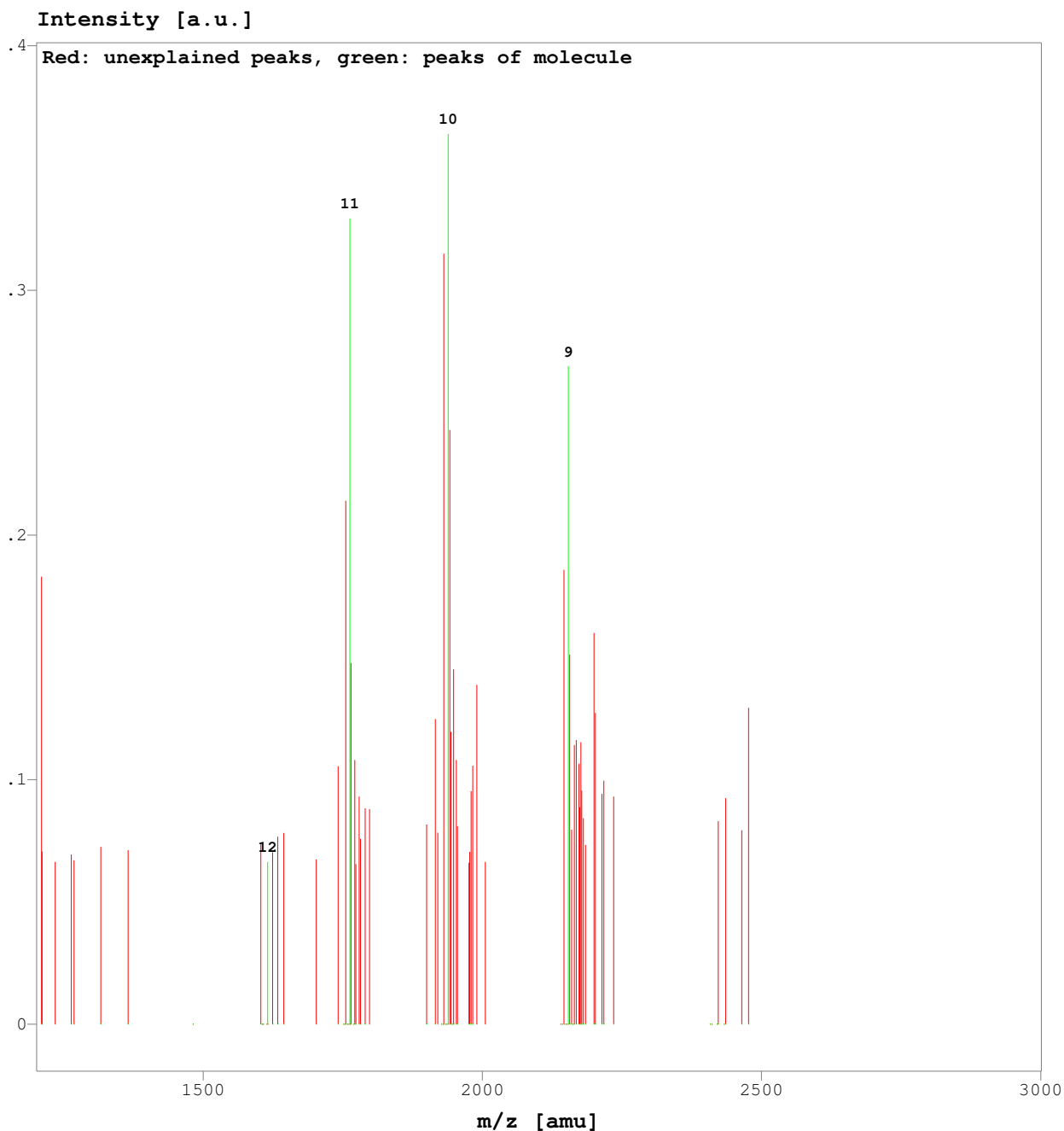
Identified molecule: M_19377.1 (5/6)
Mean (SdDev) mass [Da]: 19377 (1.01), corrected for mean relative deviation of 39.5 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: 1.0284
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 8.91, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12
Delta [Da]	-0.49	0.55	1.29	-1.36



Time range [min]: 7.66 - 8.67

Identified molecule: **M_19449.6 (6/6)**
Mean (SdDev) mass [Da]: 19449.51 (.58), corrected for mean relative deviation of 39.5 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .73193
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 6.34, related to the sum of the peak sums of all molecules

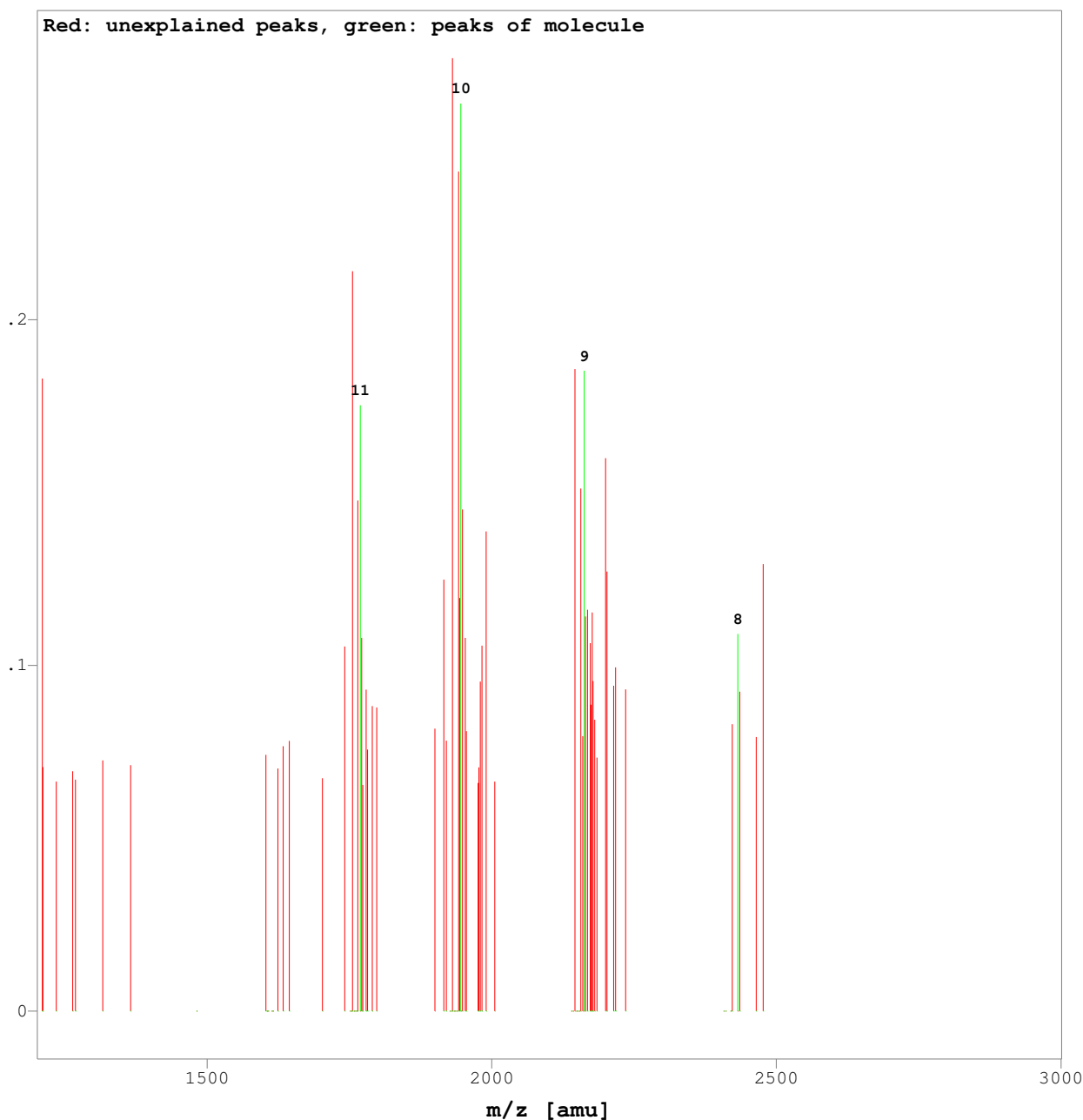
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11
Delta [Da]	0.20	0.77	-0.84	-0.12

Intensity [a.u.]



Time range [min]: 9.378 - 10.2

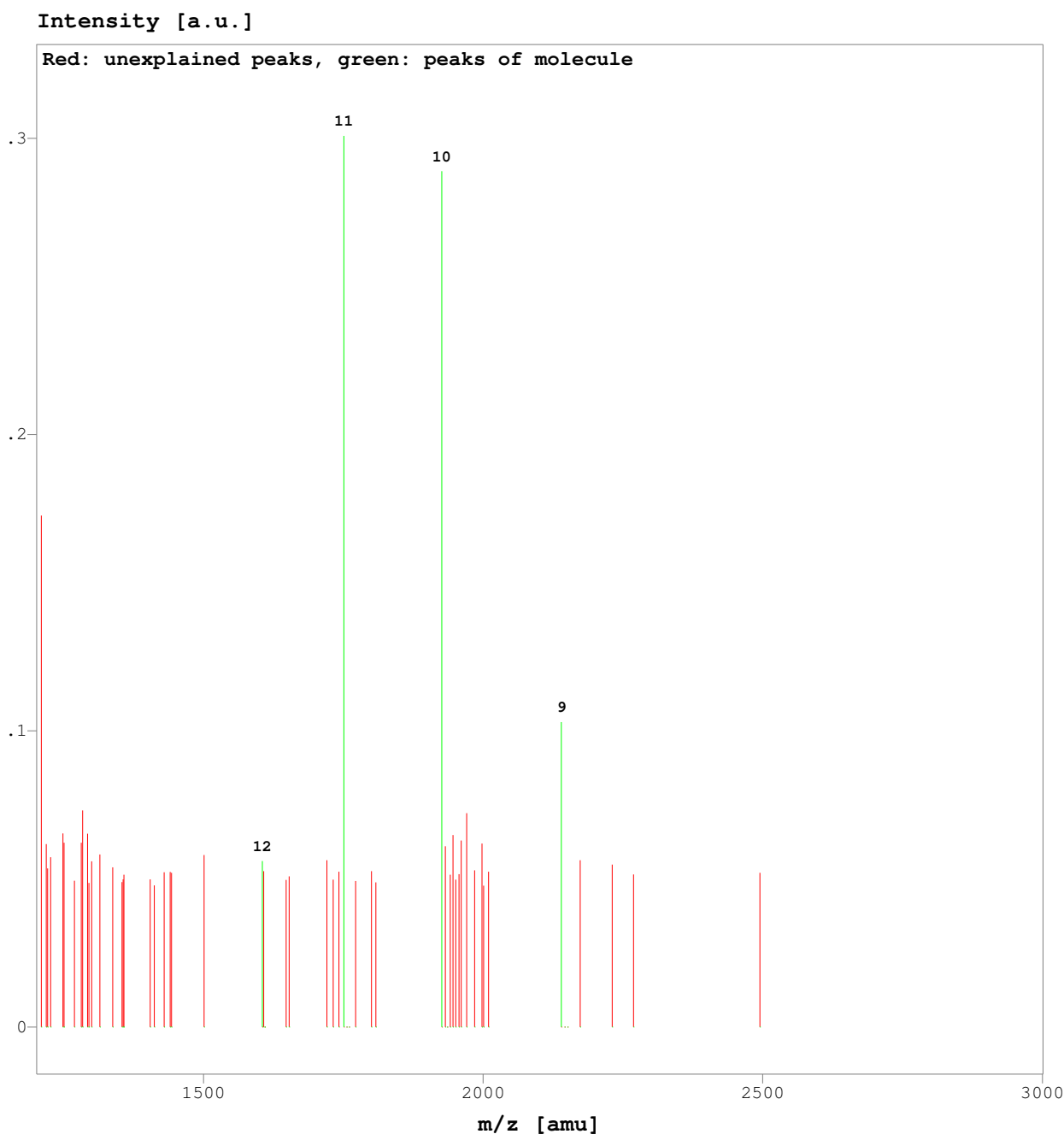
Identified molecule: Mol (1/3)
Mean (SdDev) mass [Da]: 19250.37 (.48), corrected for mean relative deviation of 64.1 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: 0
Exp. intensity [a.u.]: .74859
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 55.79, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12
Delta [Da]	0.55	0.06	-0.76	0.15



Time range [min]: 9.378 - 10.2

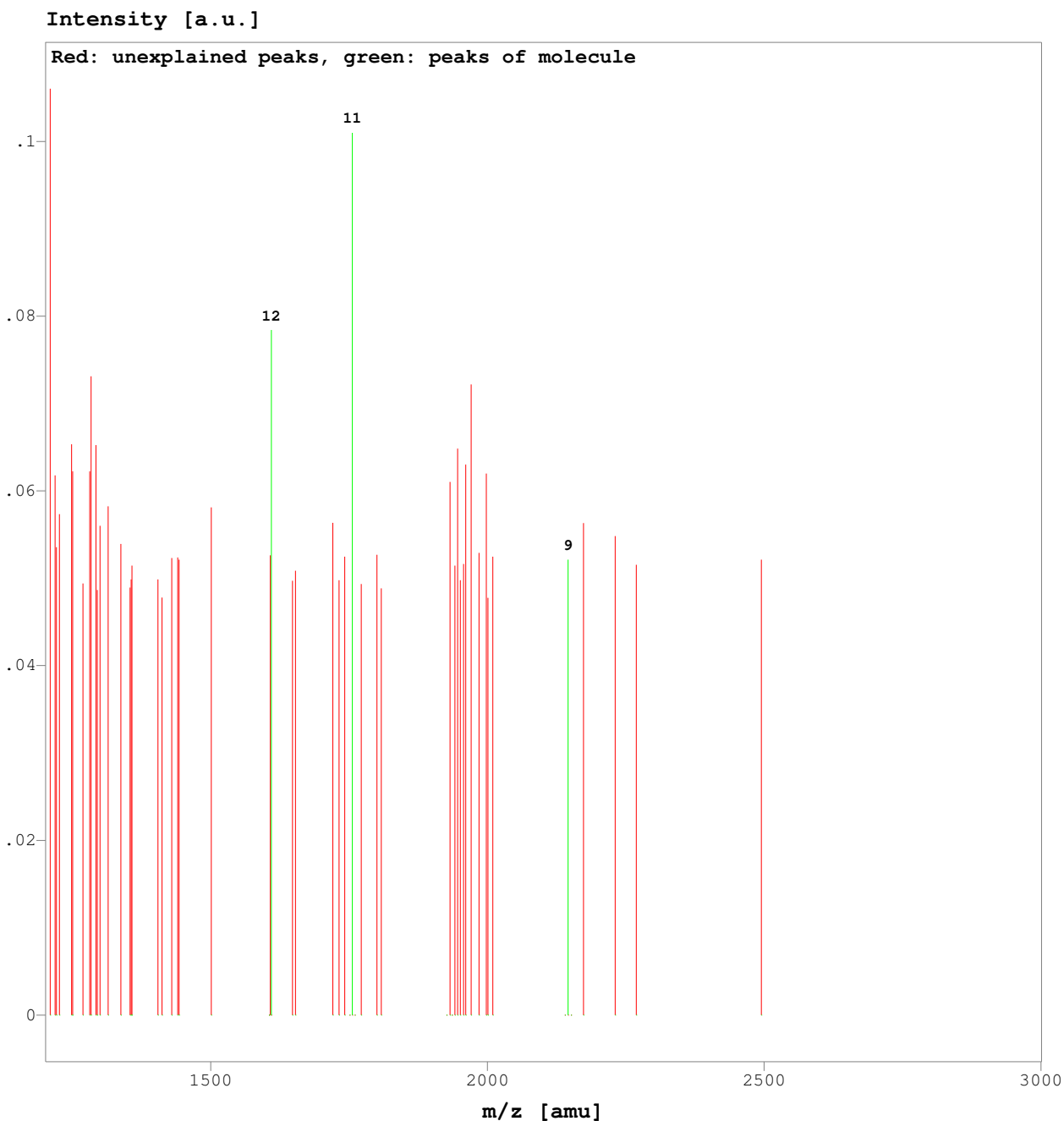
Identified molecule: M_19301.8 (2/3)
Mean (SdDev) mass [Da]: 19301.27 (.97), corrected for mean relative deviation of 64.1 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .23146
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 17.25, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	11	12
Delta [Da]	-1.28	0.22	1.06



Time range [min]: 9.378 - 10.2

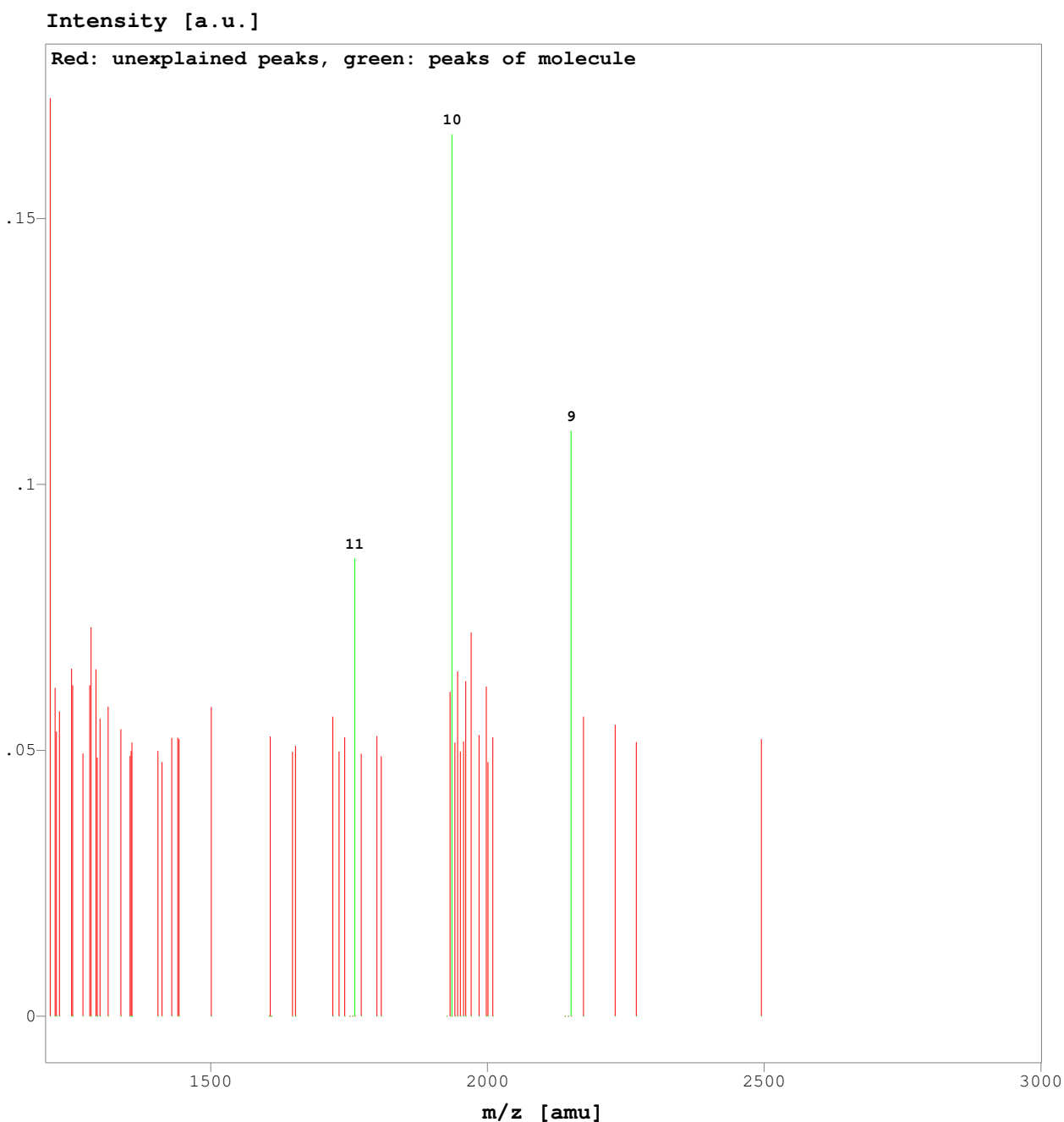
Identified molecule: **M_19351.4 (3/3)**
Mean (SdDev) mass [Da]: 19350.93 (.52), corrected for mean relative deviation of 64.1 ppm
Number of charge states: 3
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .36185
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 26.97, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11
Delta [Da]	0.74	-0.33	-0.41



Time range [min]: 12.76 - 13.97

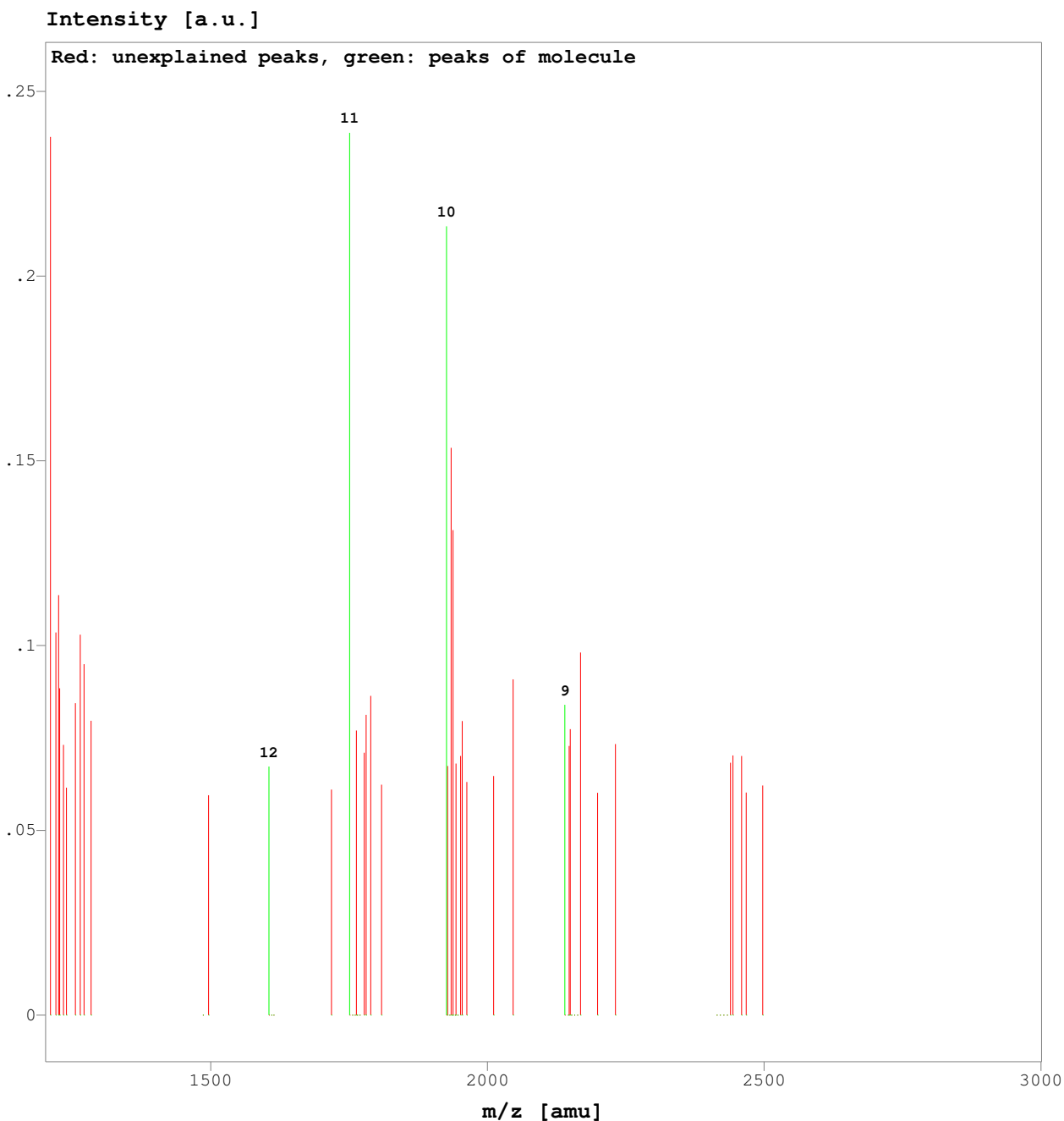
Identified molecule: M_19250.7 (1/5)
Mean (SdDev) mass [Da]: 19250.37 (.62), corrected for mean relative deviation of 55.4 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .60334
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 9.41, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	9	10	11	12
Delta [Da]	-0.22	0.82	0.27	-0.87



Time range [min]: 12.76 - 13.97

Identified molecule: Mol_p53 (2/5)
Mean (SdDev) mass [Da]: 19303.9 (.31), corrected for mean relative deviation of 55.4 ppm
Number of charge states: 6
Deviation from exp. mass [Da]: .52
Exp. intensity [a.u.]: 3.2815
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 51.2, related to the sum of the peak sums of all molecules

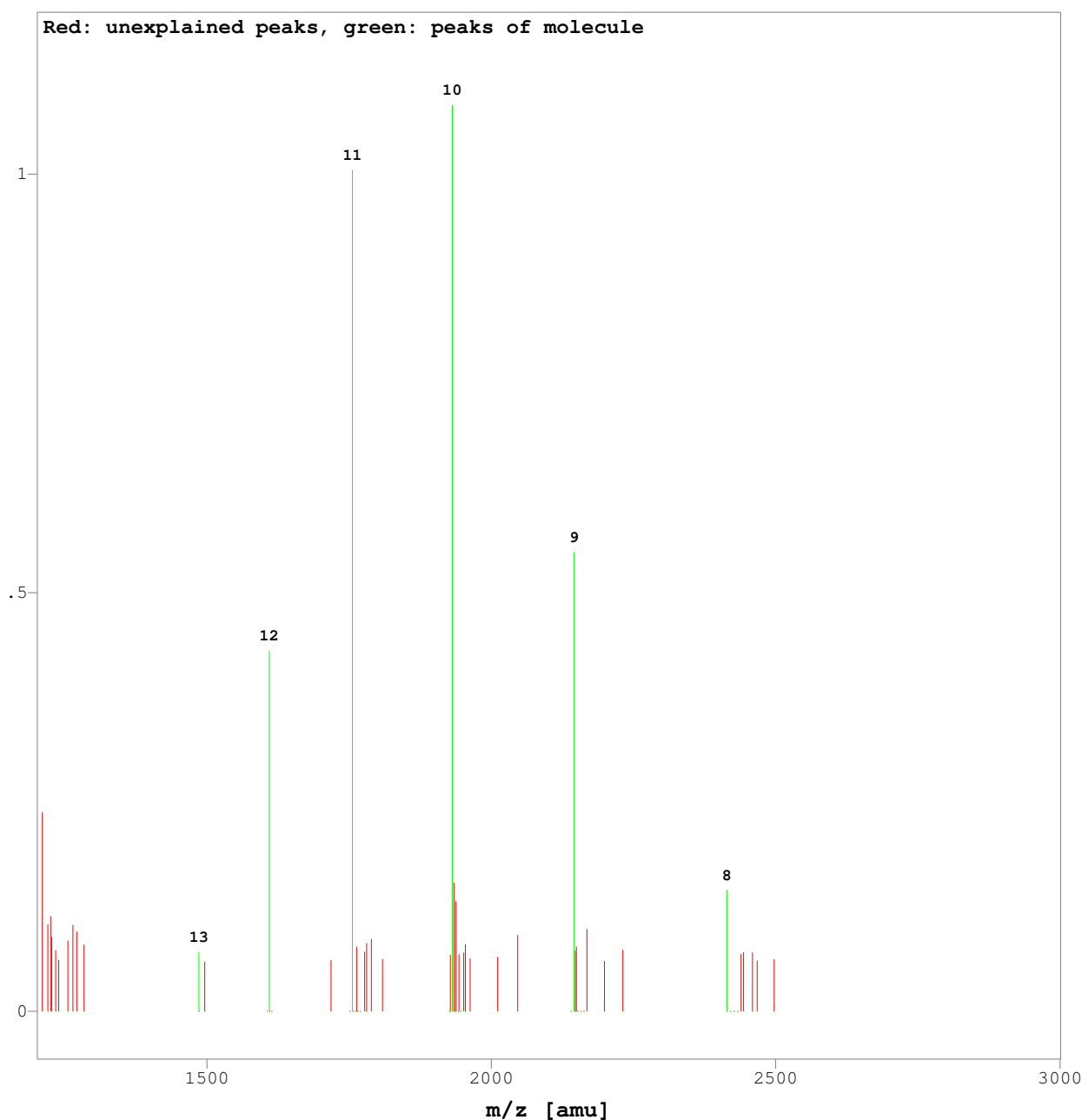
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11	12	13
Delta [Da]	0.37	-0.07	0.09	0.13	-0.62	0.10

Intensity [a.u.]



Time range [min]: 12.76 - 13.97

Identified molecule: M_19352.8 (3/5)
Mean (SdDev) mass [Da]: 19352.51 (.47), corrected for mean relative deviation of 55.4 ppm
Number of charge states: 5
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .99494
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 15.52, related to the sum of the peak sums of all molecules

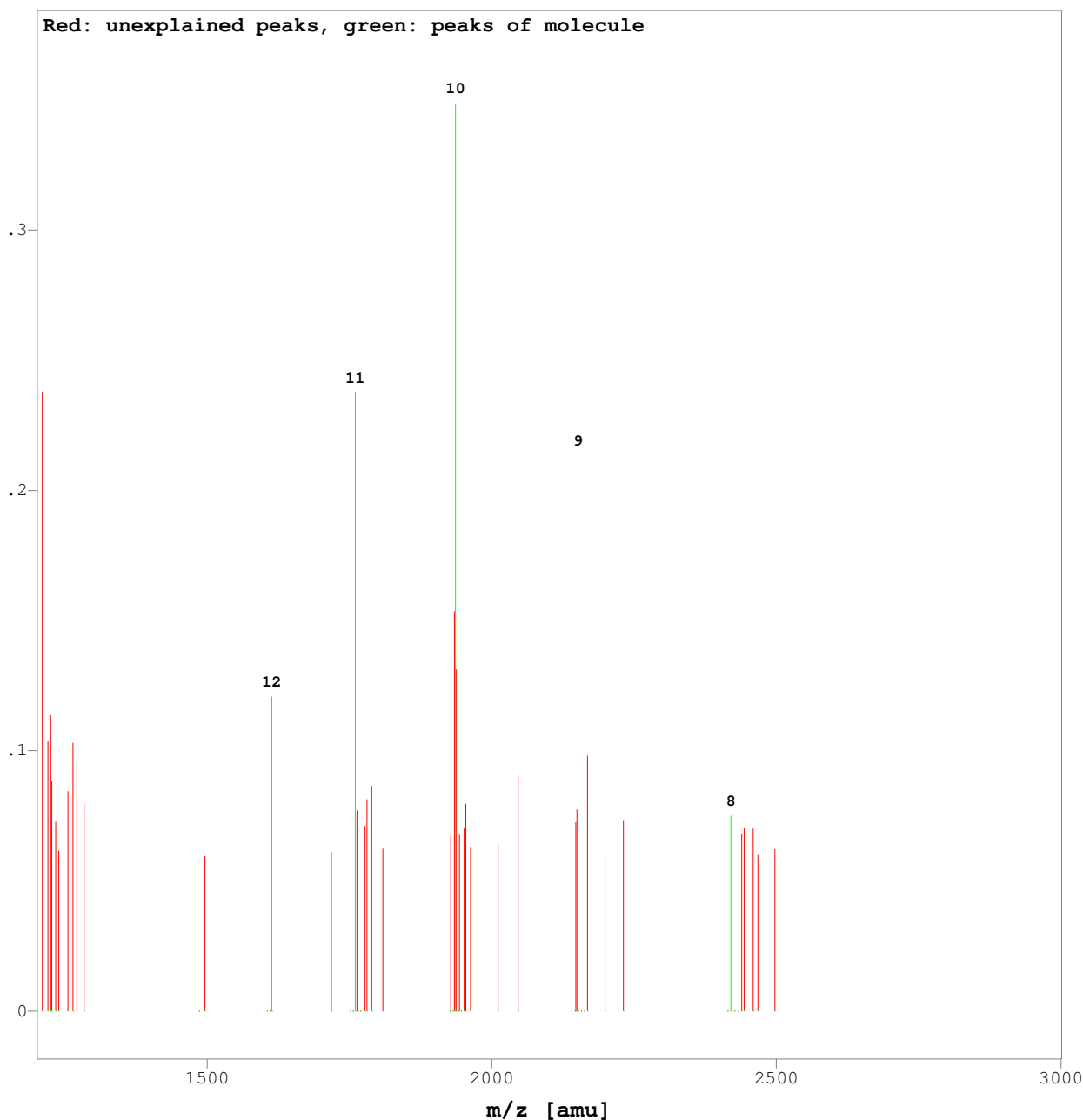
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11	12
Delta [Da]	-0.32	0.68	-0.16	0.39	-0.60

Intensity [a.u.]



Time range [min]: 12.76 - 13.97

Identified molecule: Mol_p53_p100 (4/5)
Mean (SdDev) mass [Da]: 19402.85 (.71), corrected for mean relative deviation of 55.4 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: -.53
Exp. intensity [a.u.]: 1.0356
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 16.16, related to the sum of the peak sums of all molecules

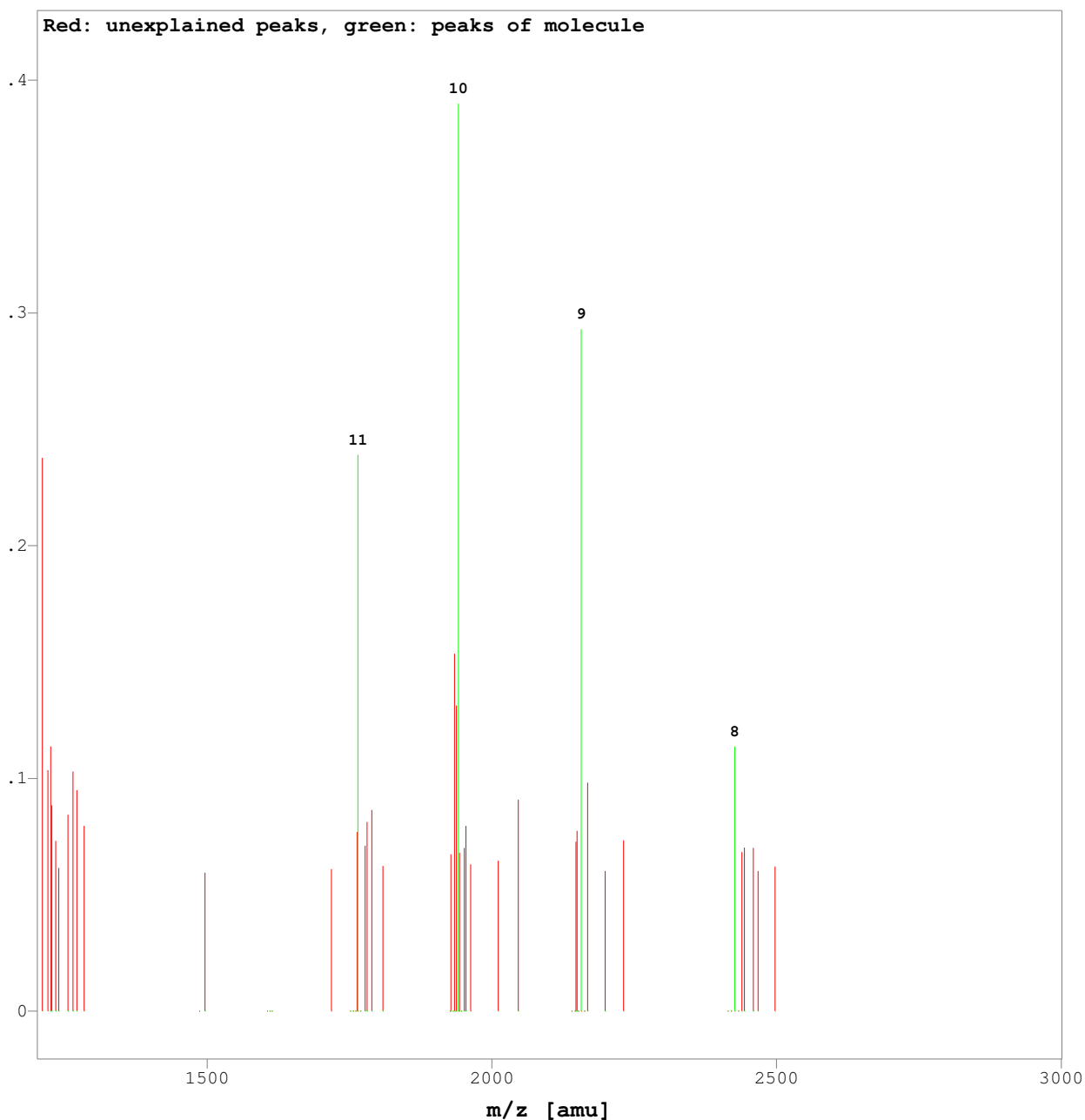
Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11
Delta [Da]	-0.81	1.14	-0.01	-0.31

Intensity [a.u.]



Time range [min]: 12.76 - 13.97

Identified molecule: M_19452.0 (5/5)
Mean (SdDev) mass [Da]: 19451.74 (.36), corrected for mean relative deviation of 55.4 ppm
Number of charge states: 4
Deviation from exp. mass [Da]: n.a.
Exp. intensity [a.u.]: .49389
Intensity distribution [a.u.]: n.a.
Relative intensity [%]: 7.71, related to the sum of the peak sums of all molecules

Fitted distribution: lacking

Accepted peaks:

Delta: mass - mean mass, residual: (exp. intensity - int. distribution)/(max. exp. intensity)

Charge number	8	9	10	11
Delta [Da]	0.34	0.32	-0.14	-0.52

