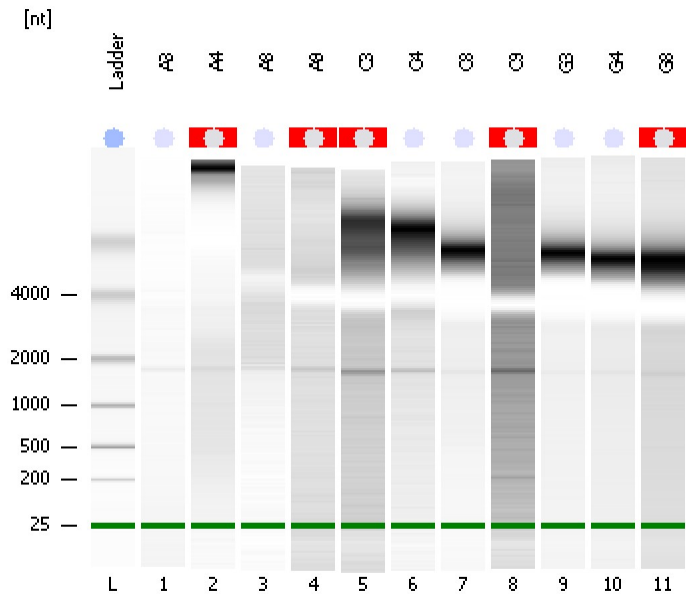


Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

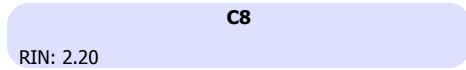
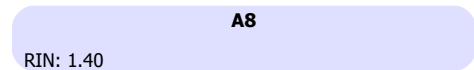
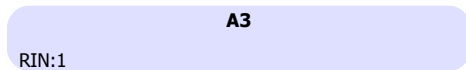
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Plant RNA Pico.xsy

Assay Class: Plant RNA Pico
Version: 1.3
Assay Comments: Total RNA Analysis pg sensitivity (Plant)

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Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:



Assay Class: Plant RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
 Modified: 1/16/2018 4:48:42 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
A3		✓	RIN:1	
A4		✓	RIN N/A	
A8		✓	RIN: 1.40	
A9		✓	RIN N/A	
C3		✓	RIN N/A	
C4		✓	RIN: 2.30	
C8		✓	RIN: 2.20	
C9		✓	RIN N/A	
G3		✓	RIN: 2.20	
G4		✓	RIN: 2.10	
G8		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

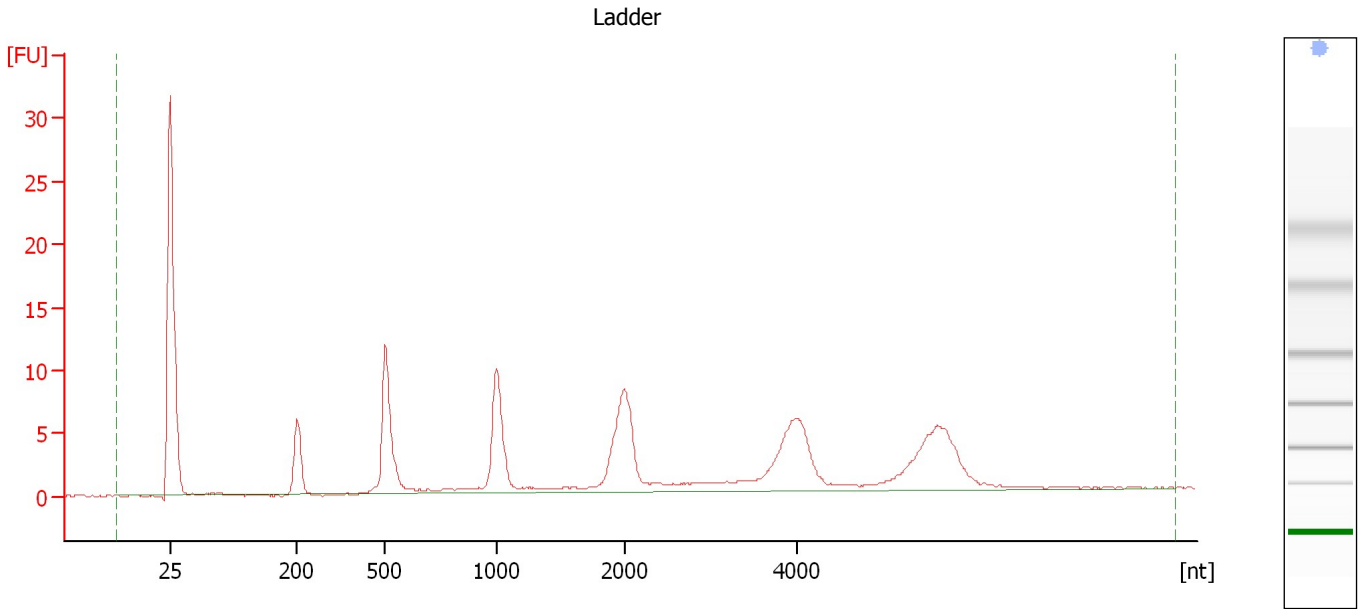
Reagent Kit Lot #

Chip Comments :

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary



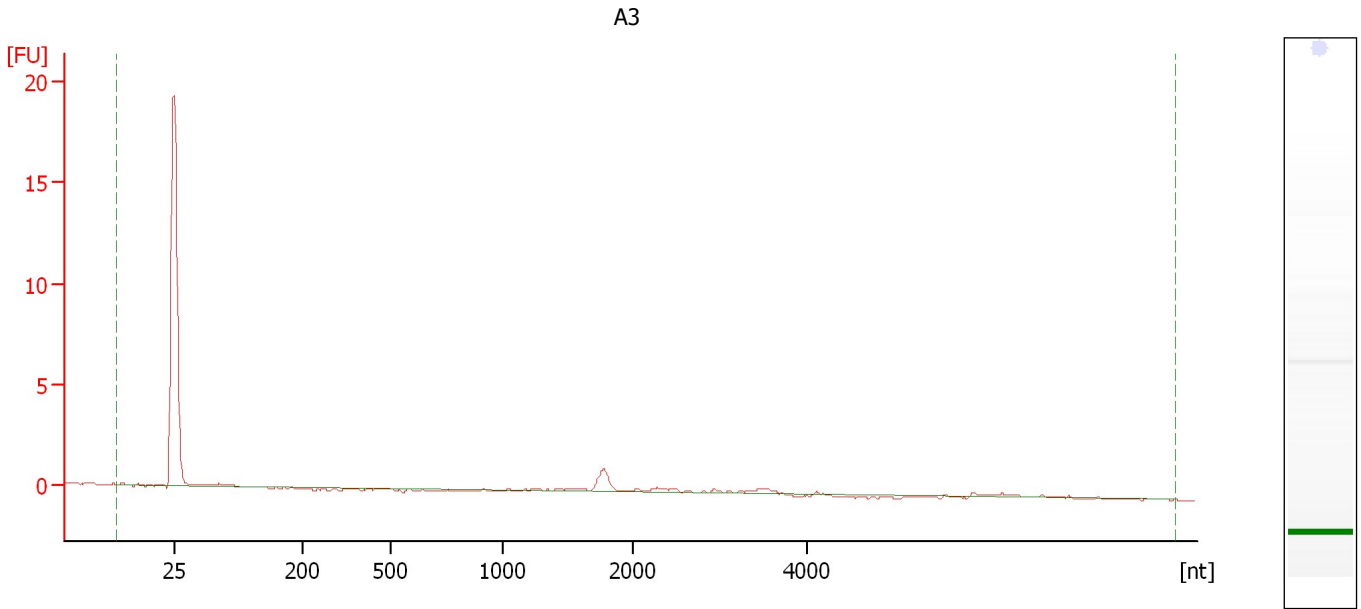
Overall Results for Ladder

RNA Area:	115.9	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



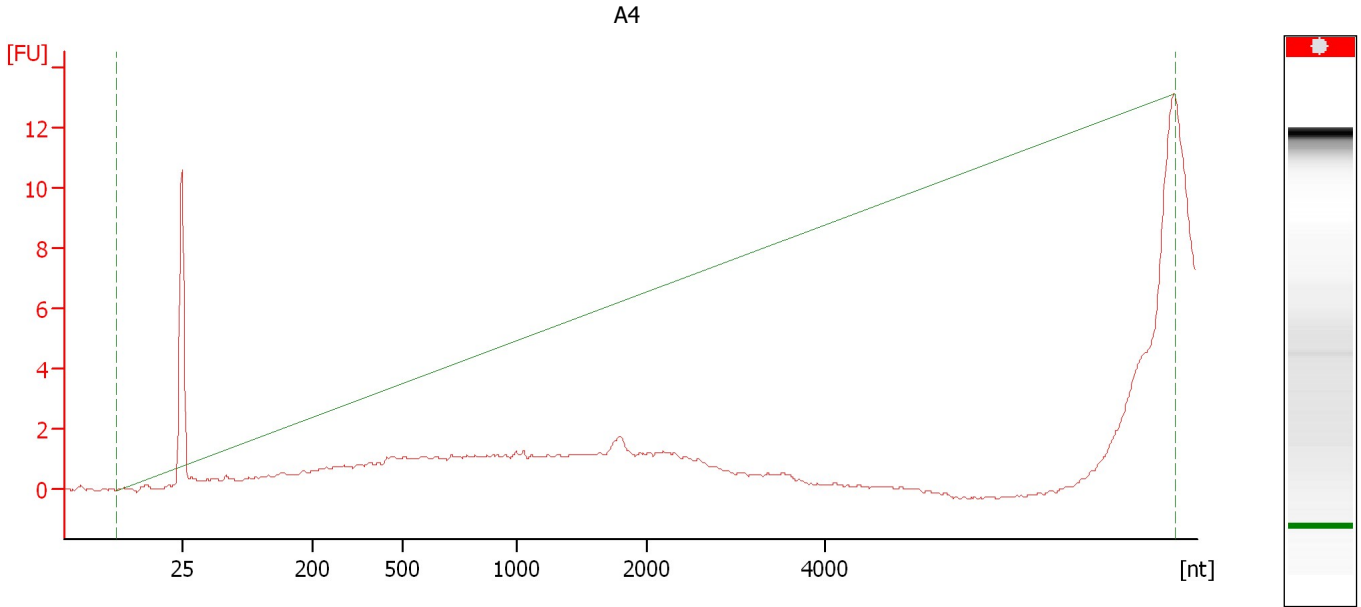
Overall Results for sample 1 : A3

RNA Area:	5.5	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	48 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



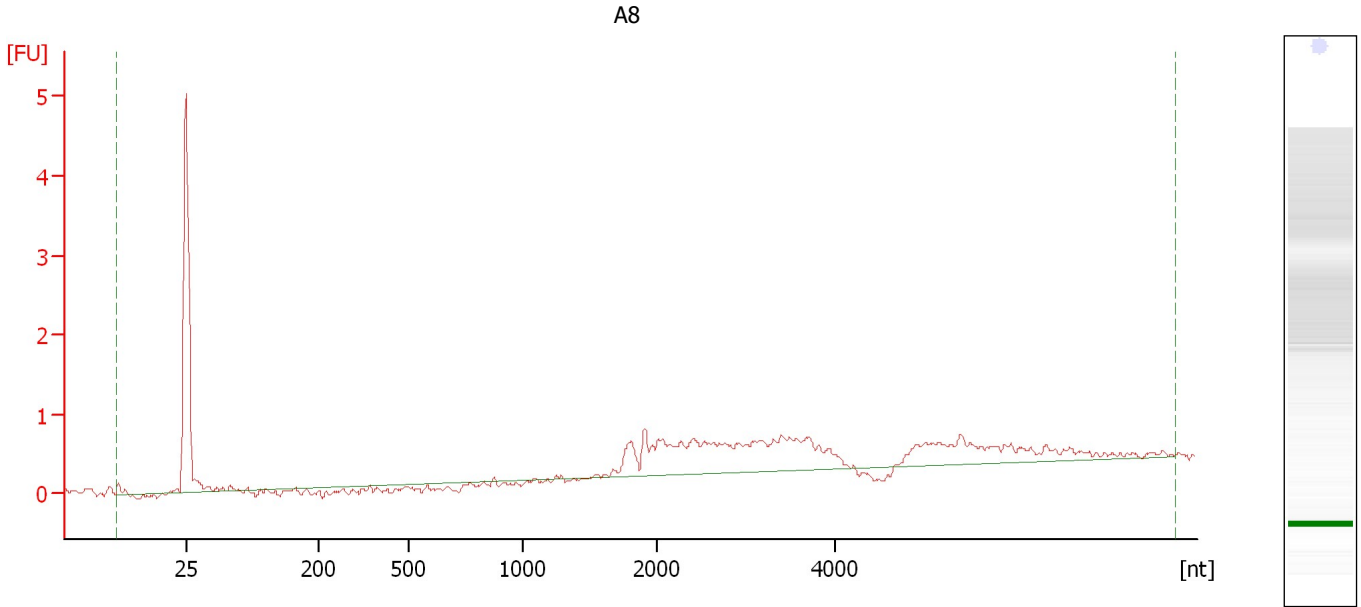
Overall Results for sample 2 : A4

RNA Area:	0.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	0 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



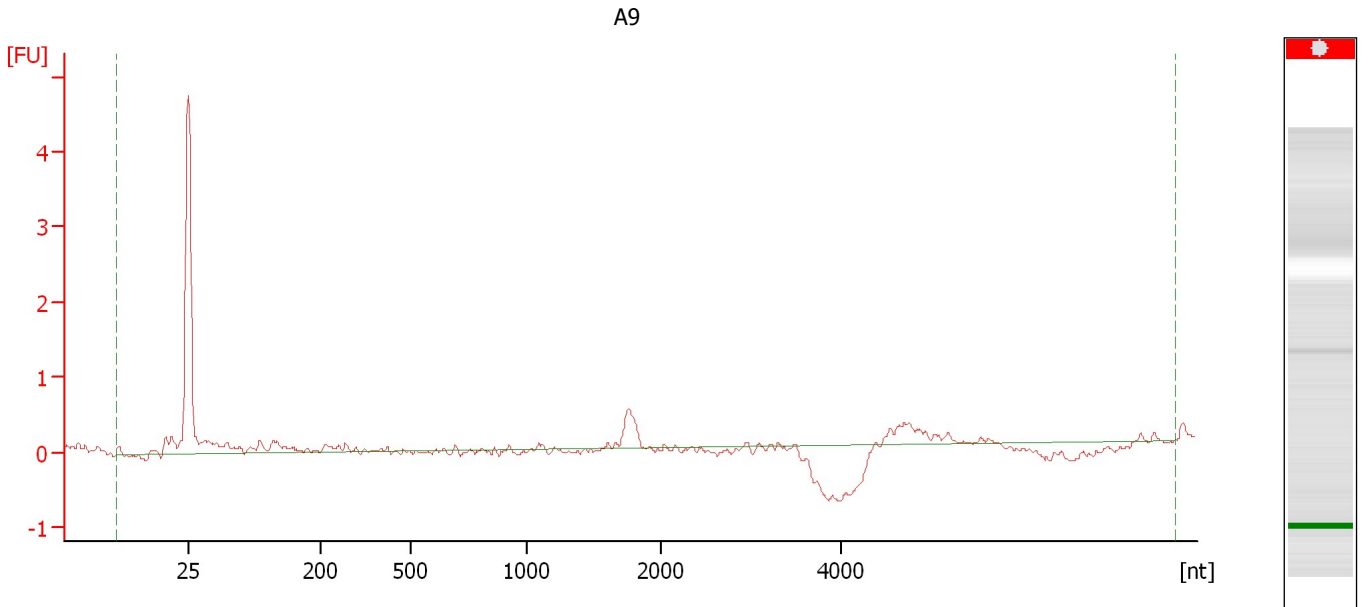
Overall Results for sample 3 : A8

RNA Area:	11.1	RNA Integrity Number (RIN):	1.4 (B.02.08)
RNA Concentration:	96 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN: 1.40

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



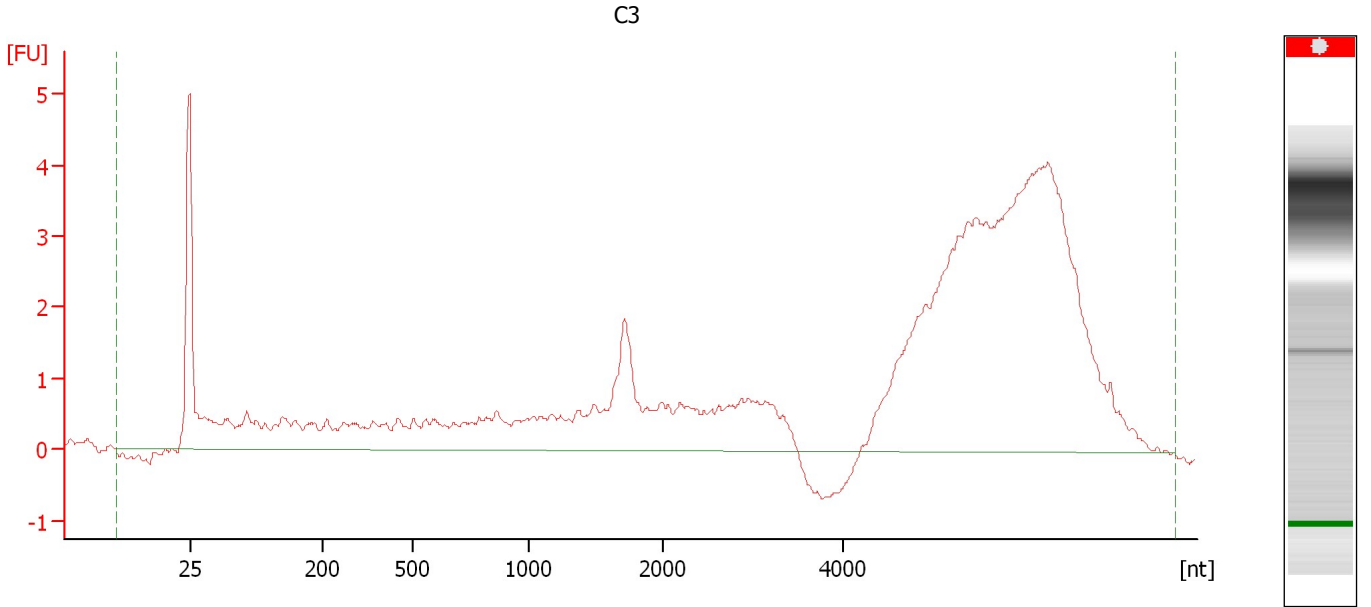
Overall Results for sample 4 : A9

RNA Area:	4.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	42 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A


Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



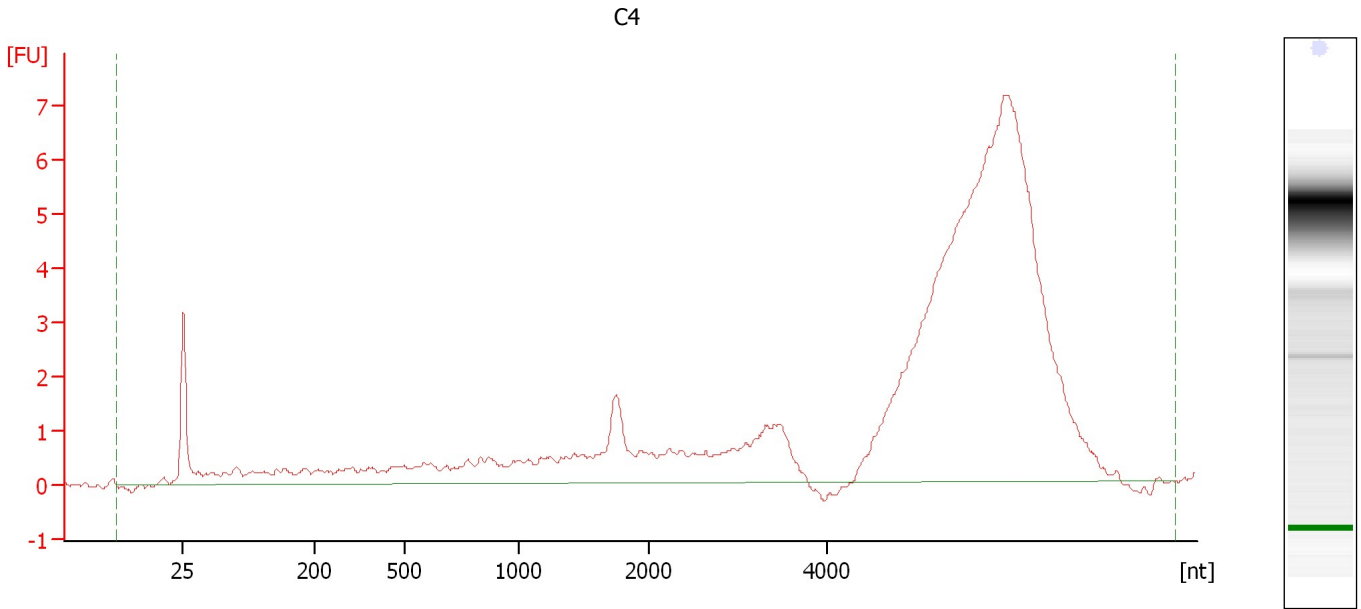
Overall Results for sample 5 : C3

RNA Area:	84.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	730 µg/µl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



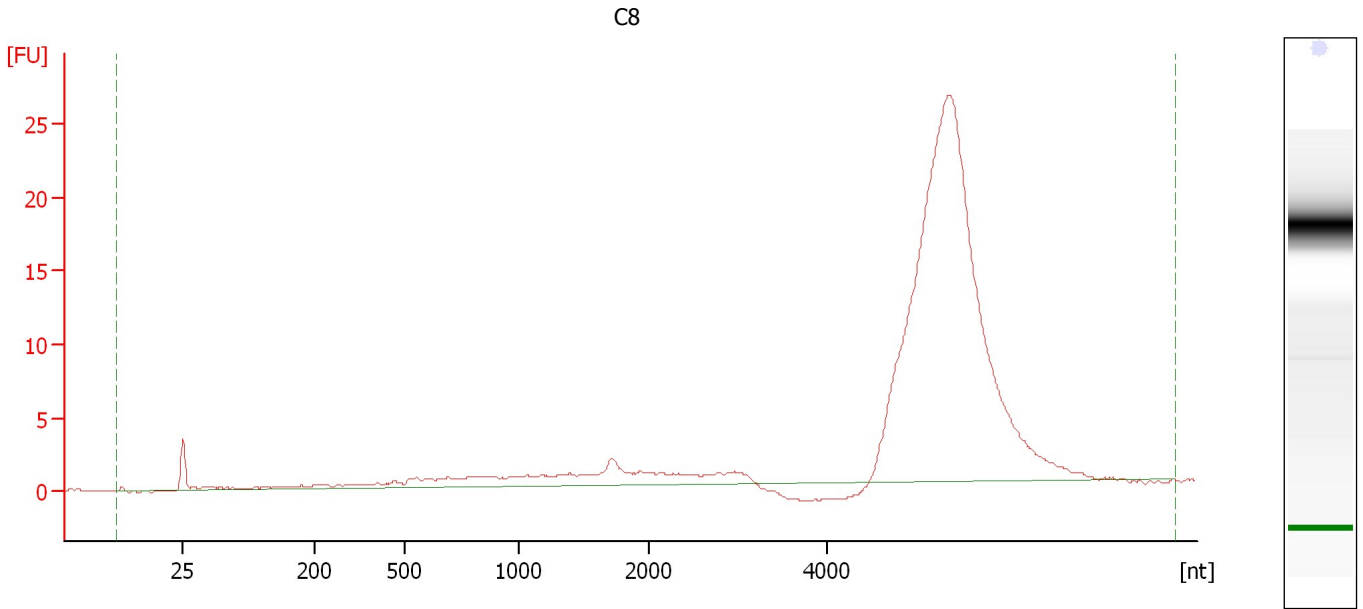
Overall Results for sample 6 : C4

RNA Area:	95.2	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	821 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



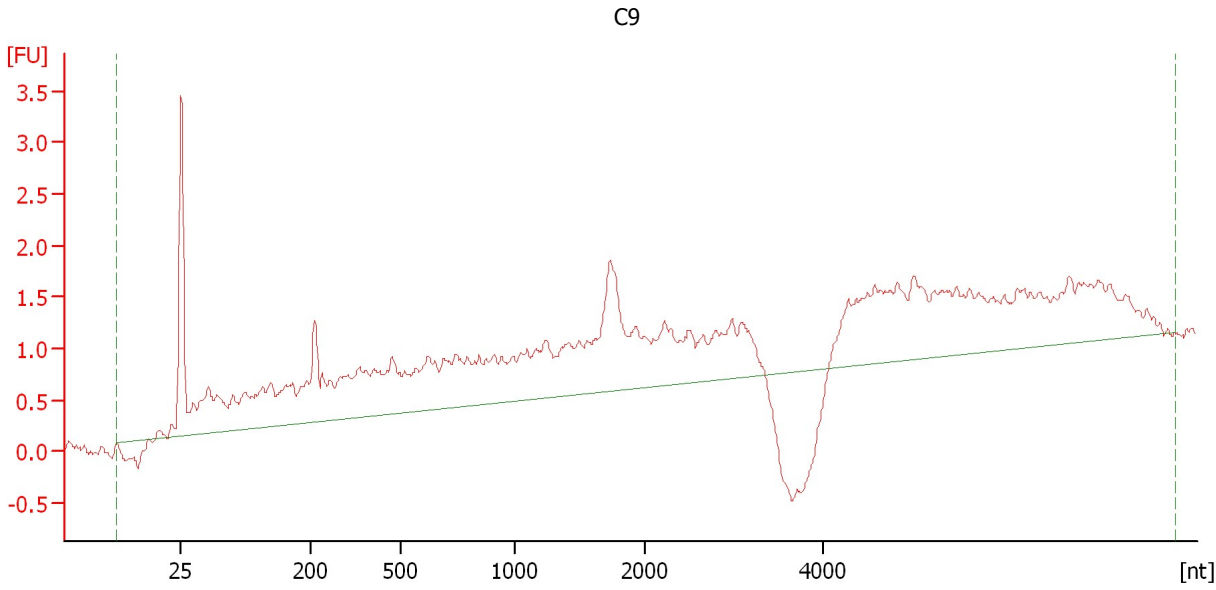
Overall Results for sample 7 : C8

RNA Area:	193.7	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	1,671 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20


Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



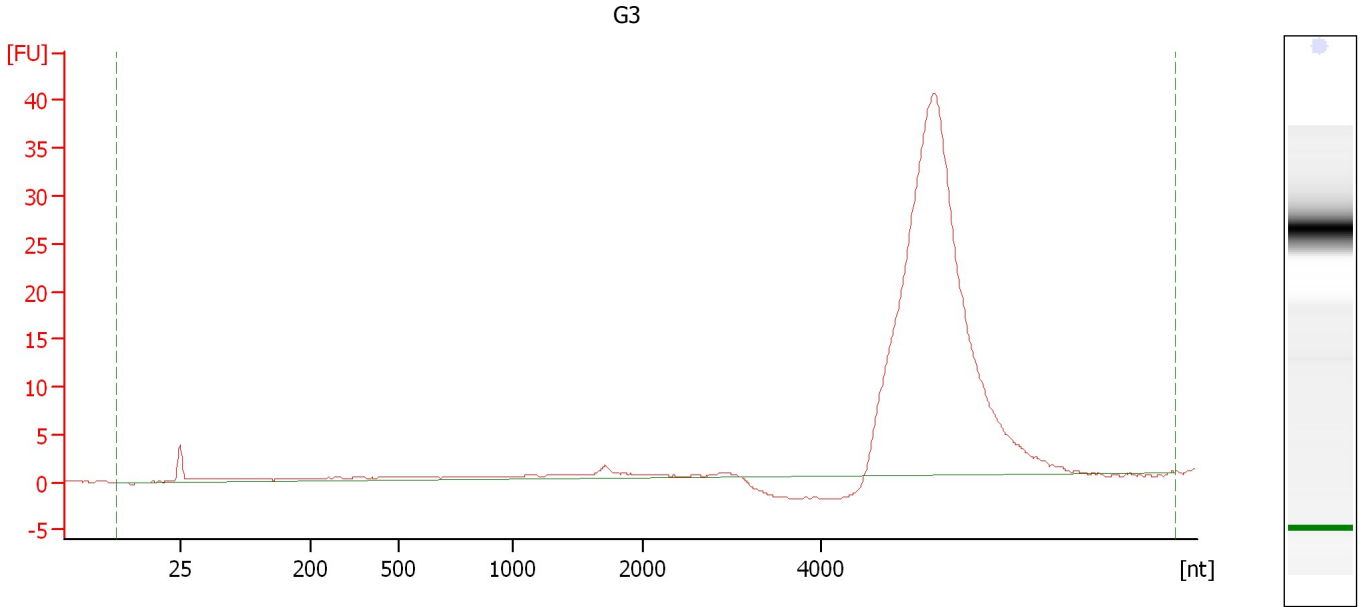
Overall Results for sample 8 : C9

RNA Area:	47.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	408 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



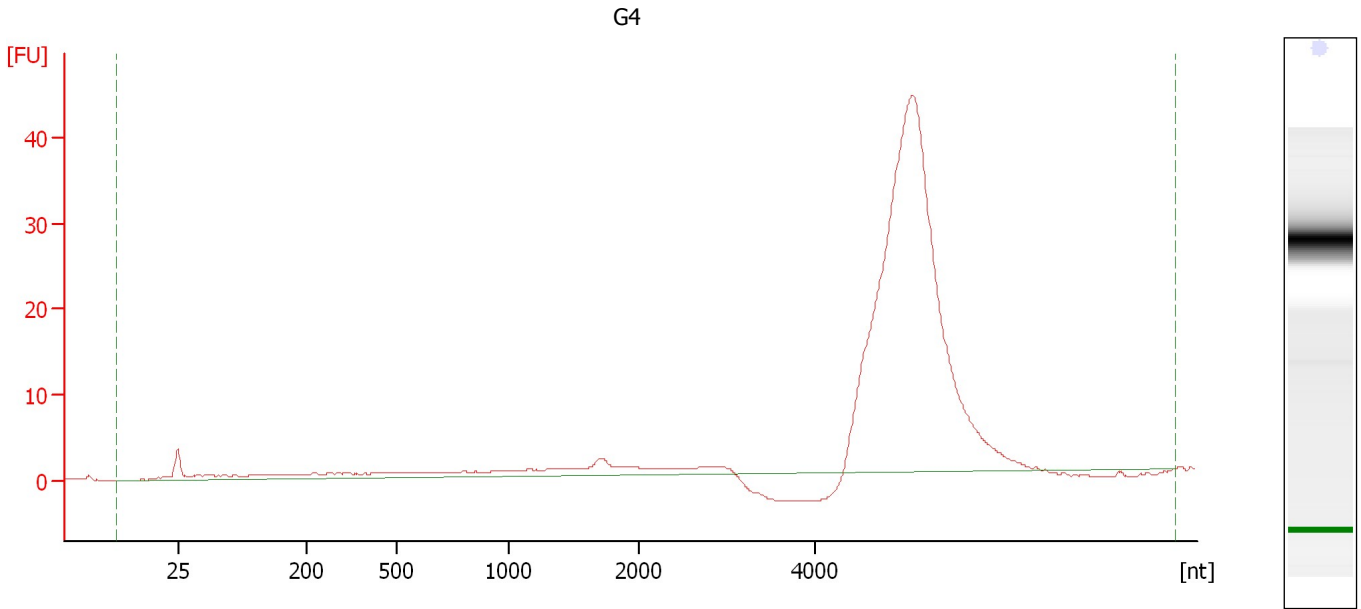
Overall Results for sample 9 : G3

RNA Area:	244.1	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	2,105 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



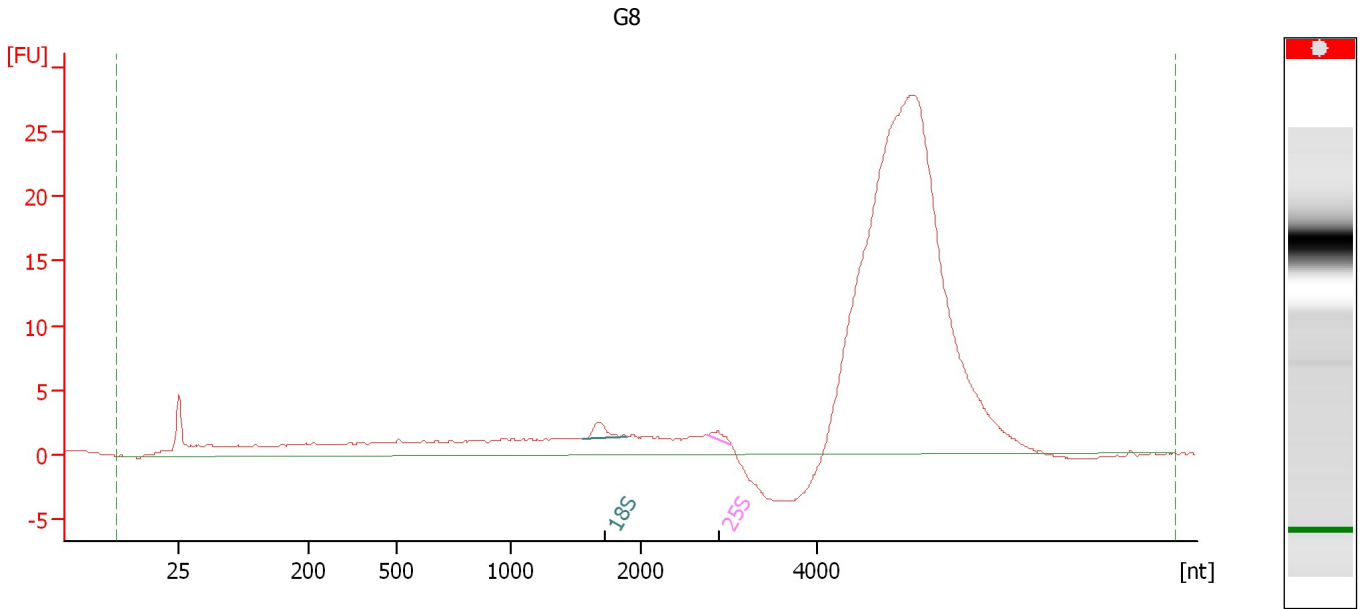
Overall Results for sample 10 : G4

RNA Area:	291.3	RNA Integrity Number (RIN):	2.1 (B.02.08)
RNA Concentration:	2,512 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Plant RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
 Modified: 1/16/2018 4:48:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : G8

RNA Area:	287.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2,475 pg/μl	Result Flagging Color:	
rRNA Ratio [25s / 18s]:	0.4	Result Flagging Label:	RIN N/A

Fragment table for sample 11 : G8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,552	1,895	2.1	0.7
25S	2,742	3,021	0.9	0.3

Assay Class: Plant RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-16\2018-01-16_002.xad

Created: 1/16/2018 4:25:47 PM
Modified: 1/16/2018 4:48:42 PM

Gel Image

