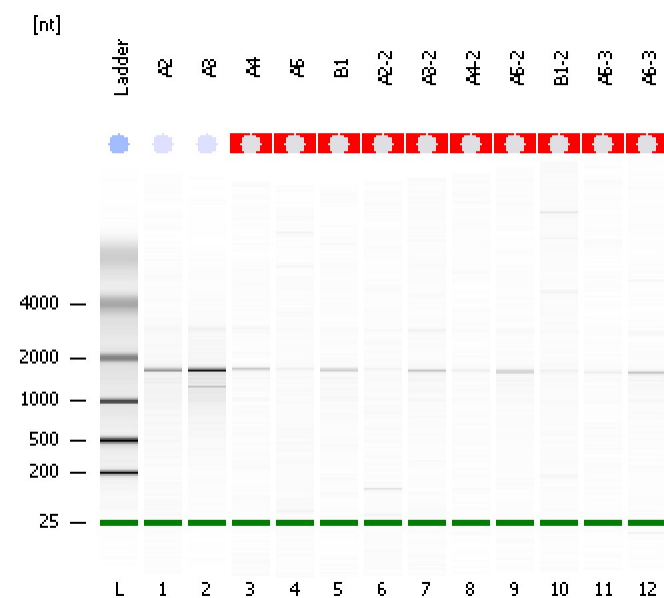


Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

**Electrophoresis File Run Summary**Instrument Information:

Instrument Name: DE24802560 Firmware: C.01.069  
Serial#: DE24802560 Type: G2938B

Assay Information:

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

Assay Class: Plant RNA Nano

Version: 1.3

Assay Comments: Total RNA Analysis ng sensitivity (Plant)

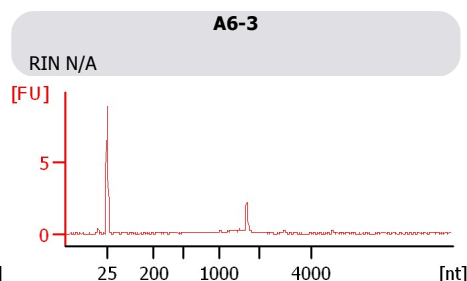
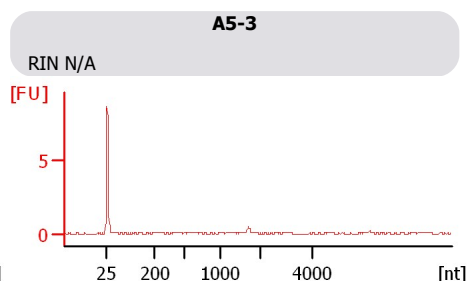
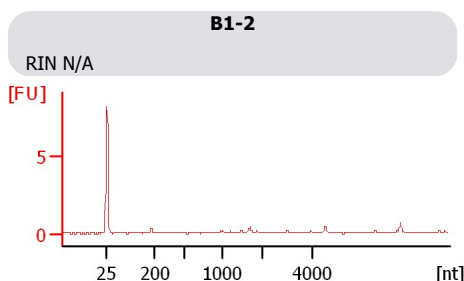
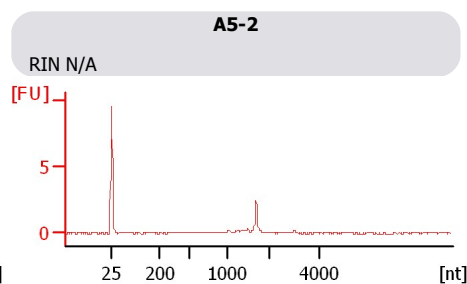
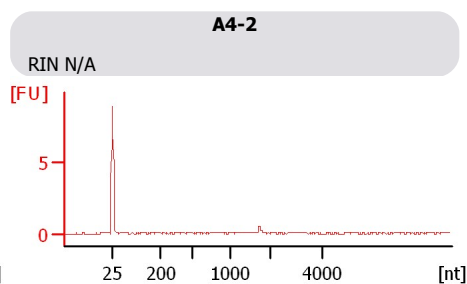
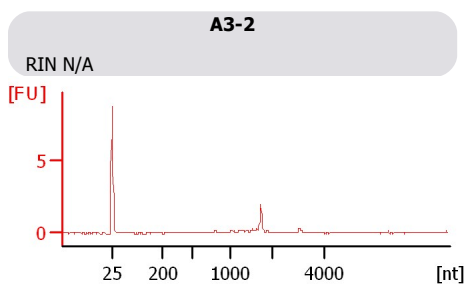
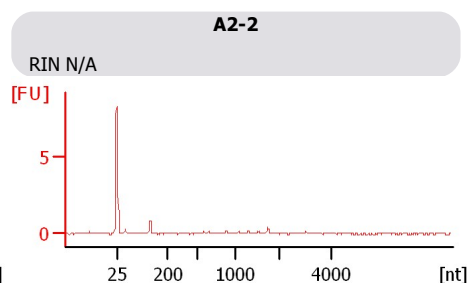
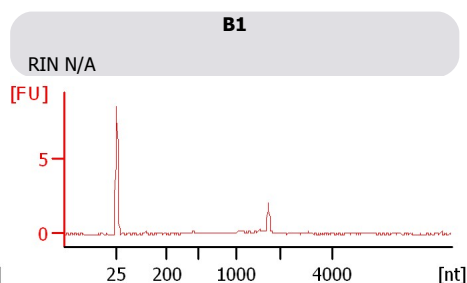
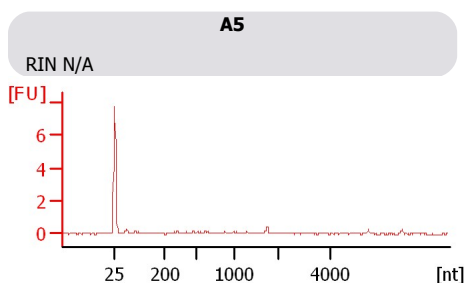
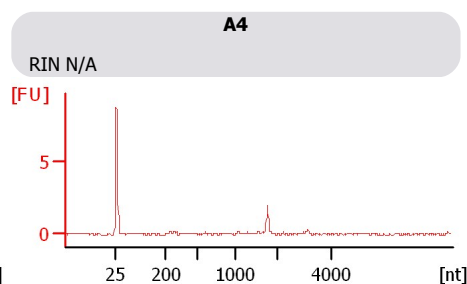
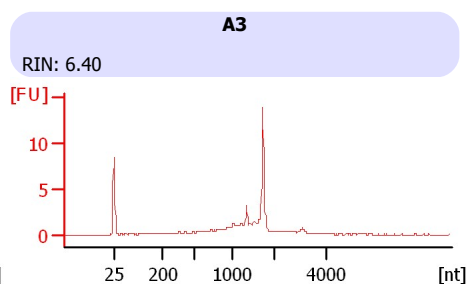
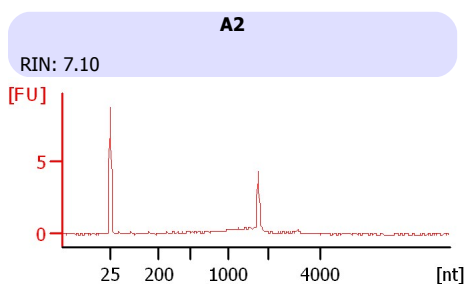
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

**Electrophoresis File Run Summary (Chip Summary)**

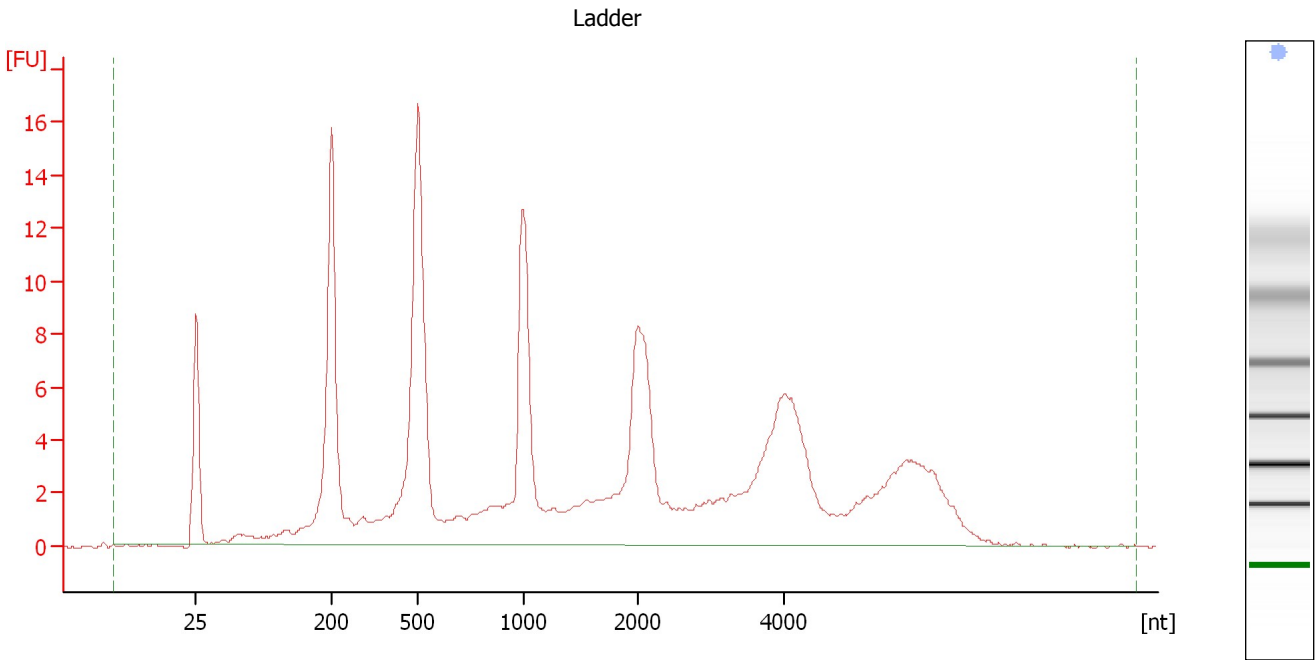
Sample Name	Sample Comment	Status	Result Label	Result Color
A2		✓	RIN: 7.10	
A3		✓	RIN: 6.40	
A4		✓	RIN N/A	
A5		✓	RIN N/A	
B1		✓	RIN N/A	
A2-2		✓	RIN N/A	
A3-2		✓	RIN N/A	
A4-2		✓	RIN N/A	
A5-2		✓	RIN N/A	
B1-2		✓	RIN N/A	
A5-3		✓	RIN N/A	
A6-3		✓	RIN N/A	
Ladder		✓	All Other Samples	

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

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary



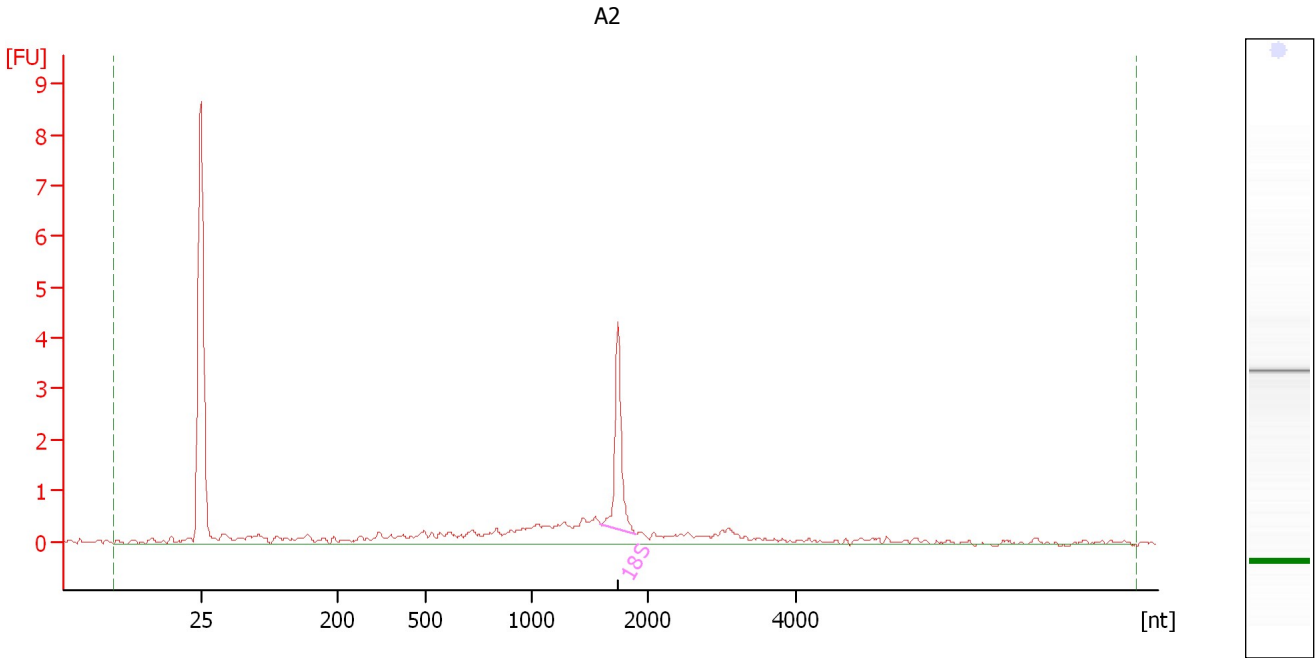
Overall Results for Ladder

RNA Area:	207.9	Result Flagging Color:	<div style="background-color: #4a7ebb; width: 30px; height: 10px; display: inline-block;"></div>
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : A2

RNA Area:	18.9	RNA Integrity Number (RIN):	7.1 (B.02.08)
RNA Concentration:	14 ng/μl	Result Flagging Color:	<div></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN: 7.10

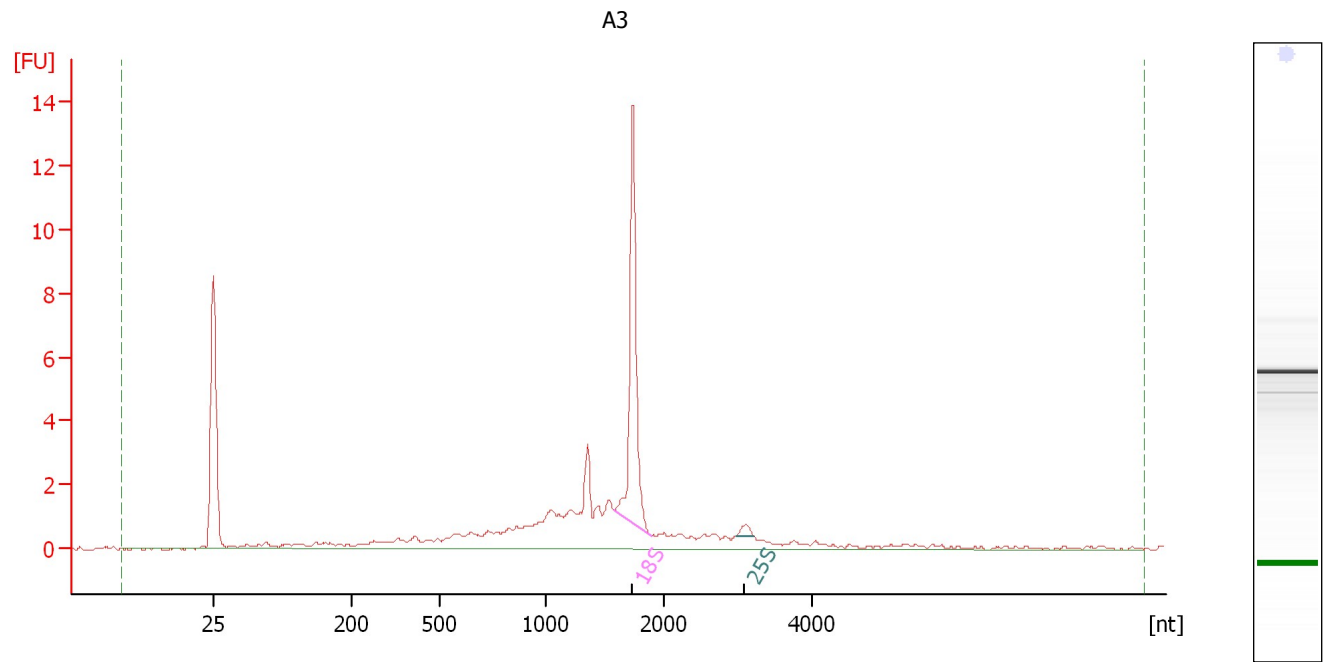
Fragment table for sample 1 : A2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,588	1,897	3.4	18.0

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : A3

RNA Area:	45.0	RNA Integrity Number (RIN):	6.4 (B.02.08)
RNA Concentration:	32 ng/μl	Result Flagging Color:	<div style="background-color: #ccccff; width: 20px; height: 10px; display: inline-block;"></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN: 6.40

Fragment table for sample 2 : A3

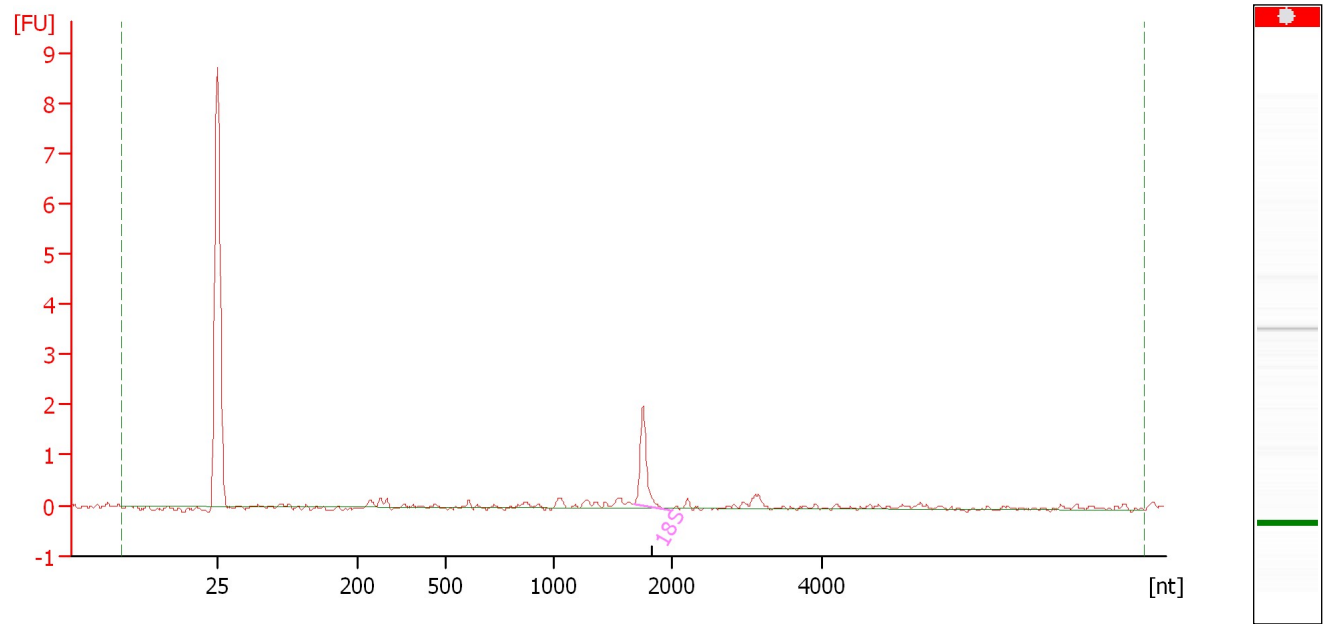
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,577	1,884	10.8	24.1
25S	2,970	3,207	0.4	0.8

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...

A4



Overall Results for sample 3 : A4

RNA Area:	6.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 3 : A4

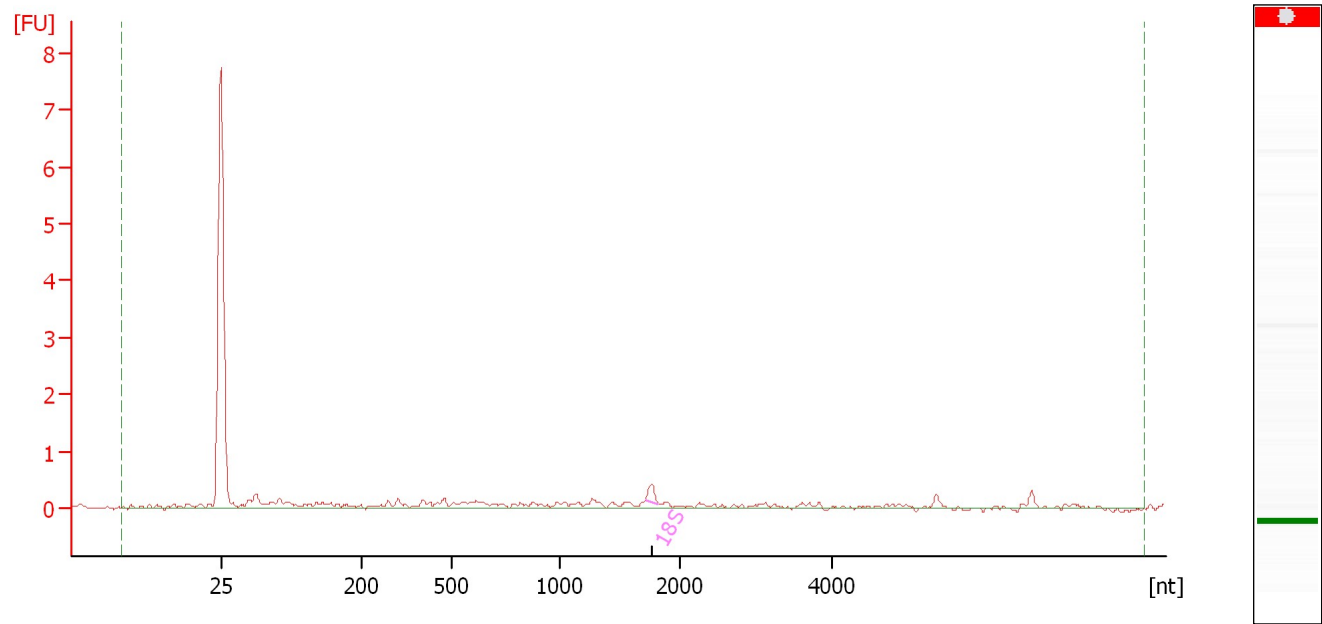
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,670	1,974	1.7	27.7

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...

A5



Overall Results for sample 4 : A5

RNA Area:	7.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	5 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 20px; height: 10px; display: inline-block;"></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

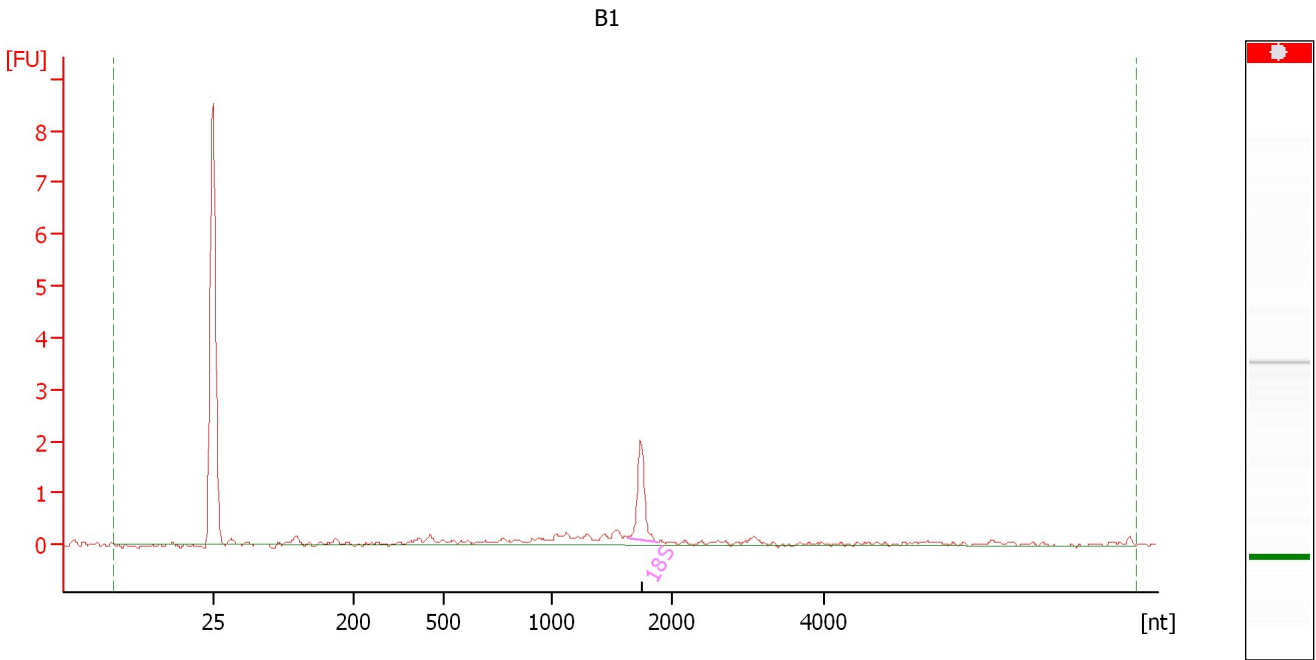
Fragment table for sample 4 : A5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,710	1,814	0.2	3.1

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : B1

RNA Area:	6.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	5 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 5 : B1

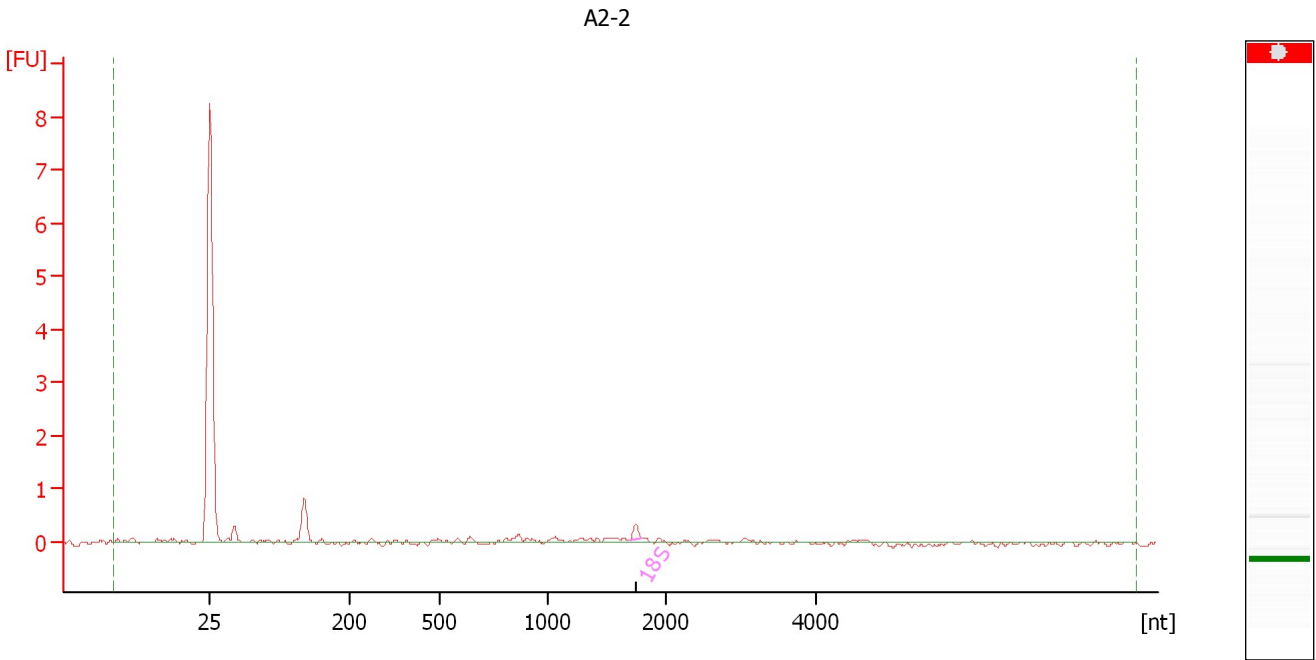
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,624	1,874	1.6	24.0



Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : A2-2

RNA Area:	4.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/μl	Result Flagging Color:	<div></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

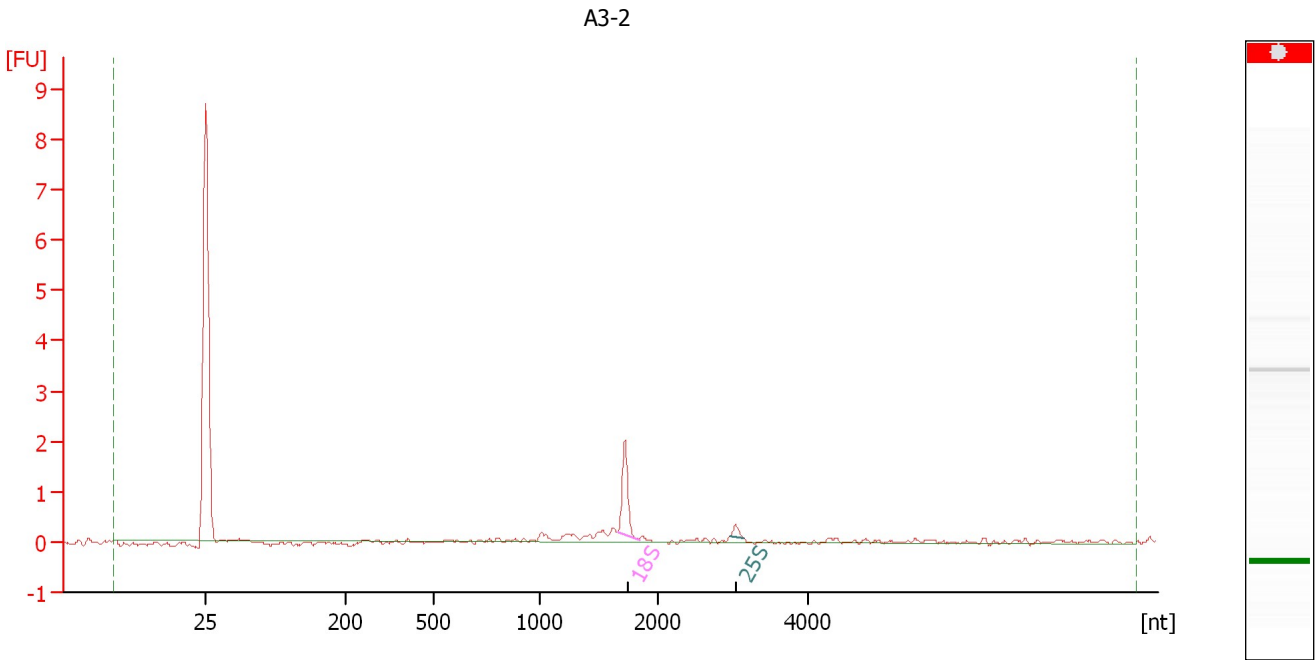
Fragment table for sample 6 : A2-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,698	1,793	0.2	3.7

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : A3-2

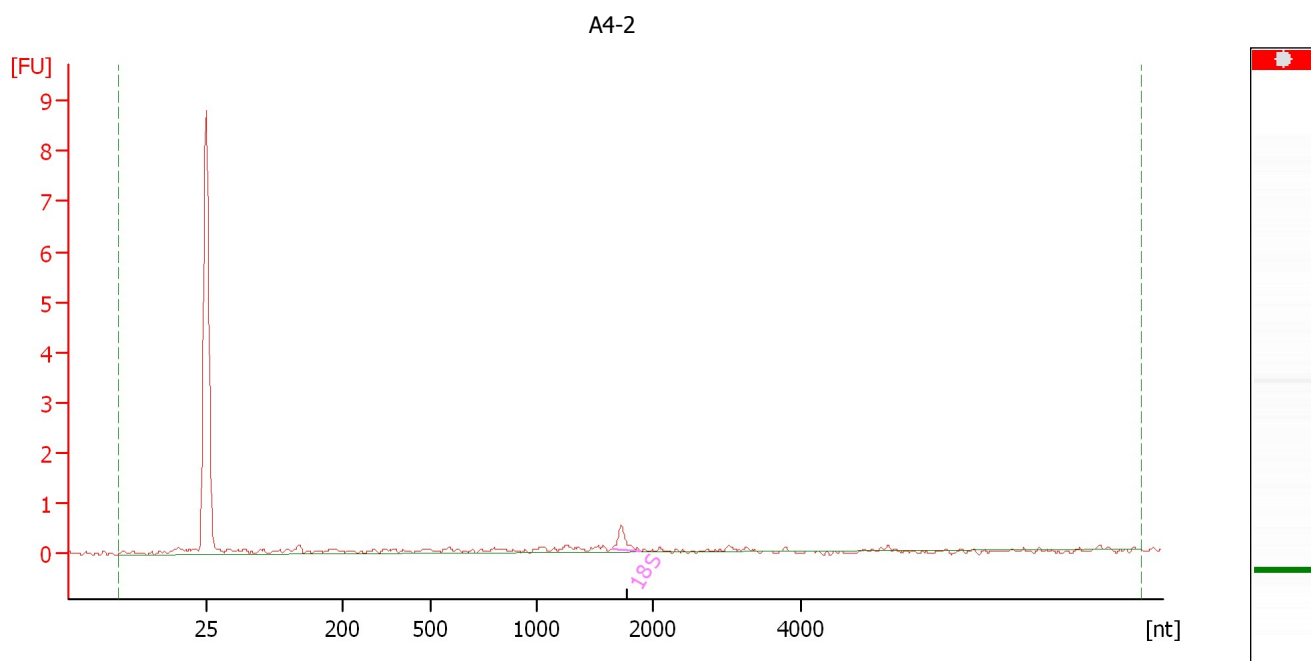
RNA Area:	4.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/ $\mu$ l	Result Flagging Color:	<div></div>
rRNA Ratio [25s / 18s]:	0.1	Result Flagging Label:	RIN N/A

Fragment table for sample 7 : A3-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,649	1,841	1.4	32.2
25S	2,956	3,136	0.1	3.3

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

**Electropherogram Summary Continued ...****Overall Results for sample 8 : A4-2**

RNA Area:	6.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 10px; display: inline-block;"></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

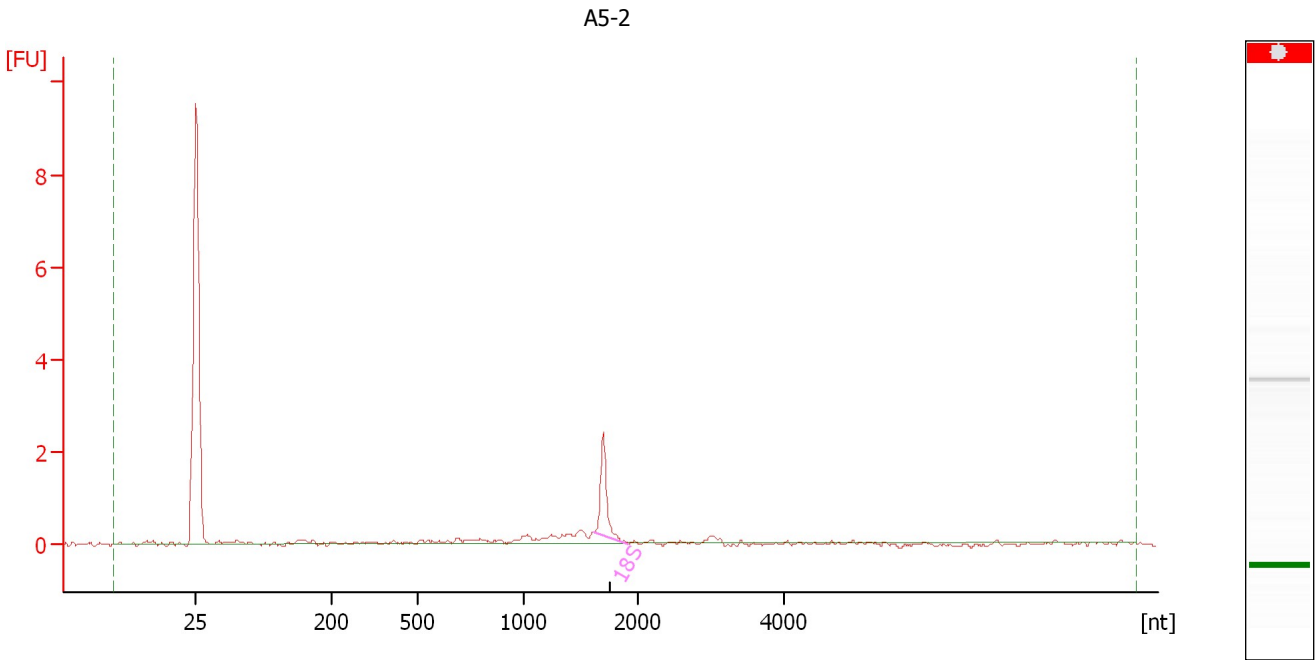
**Fragment table for sample 8 : A4-2**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,650	1,897	0.5	8.2

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : A5-2

RNA Area:	5.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4 ng/μl	Result Flagging Color:	<div></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

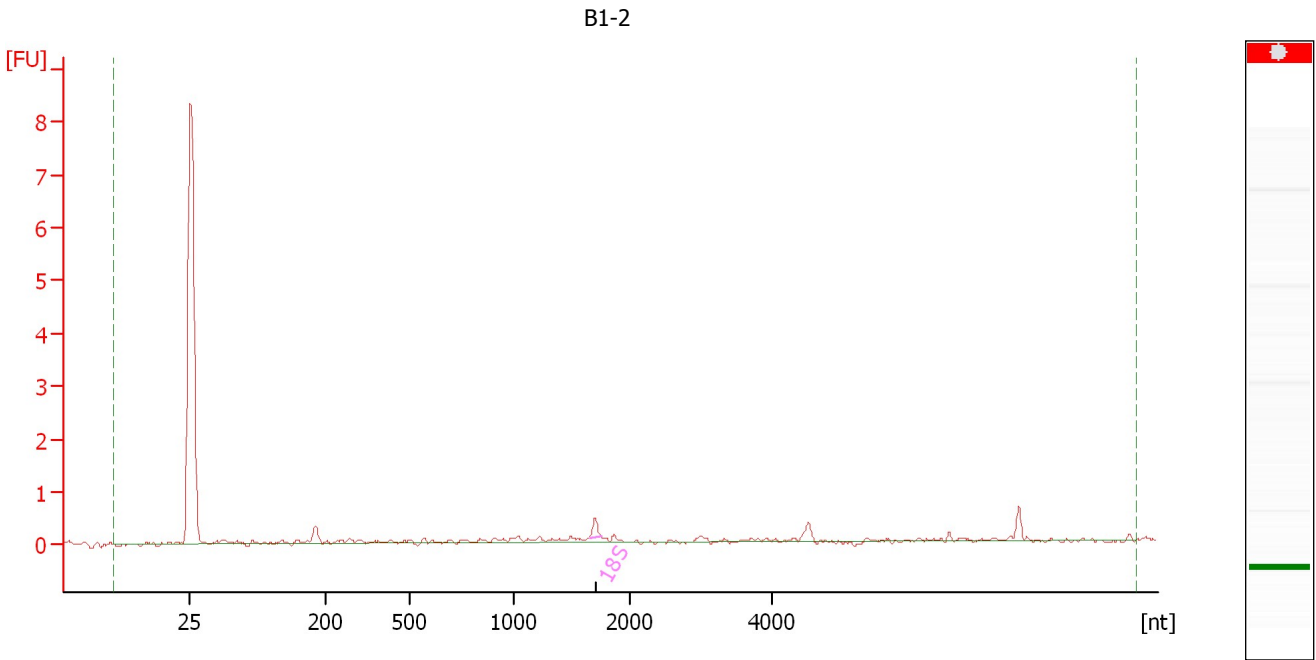
Fragment table for sample 9 : A5-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,616	1,910	1.7	29.2

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : B1-2

RNA Area:	4.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	4 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

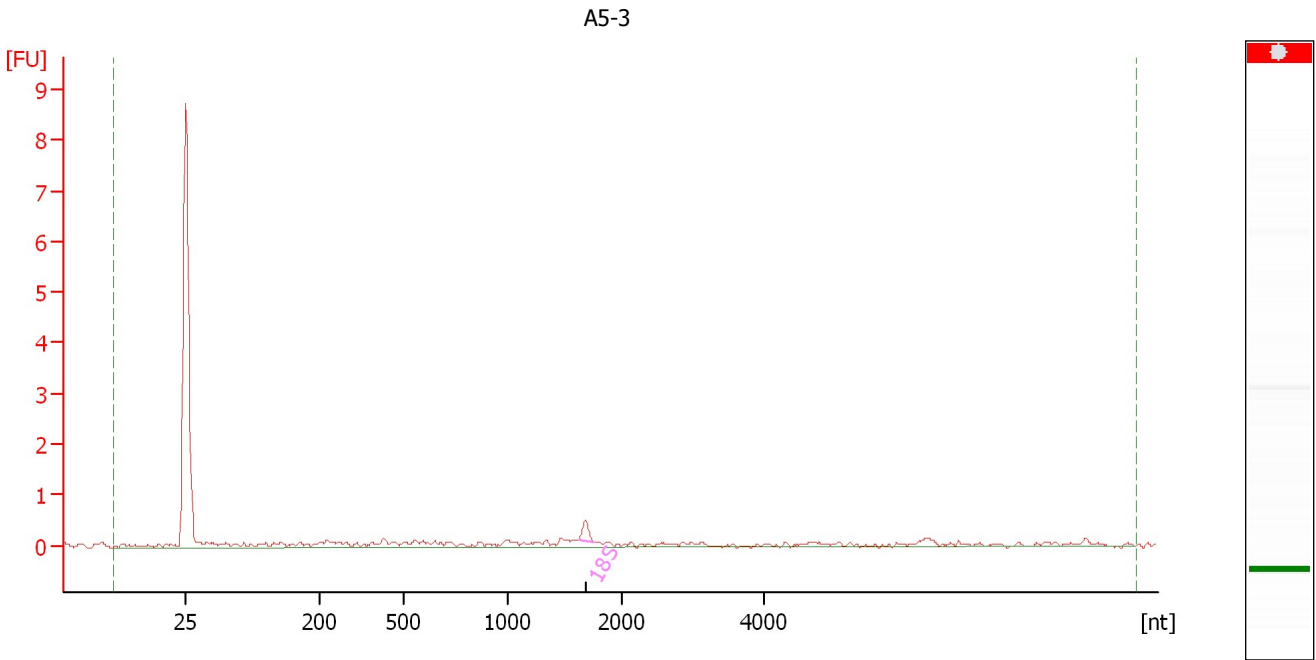
Fragment table for sample 10 : B1-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,653	1,761	0.2	4.4

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : A5-3

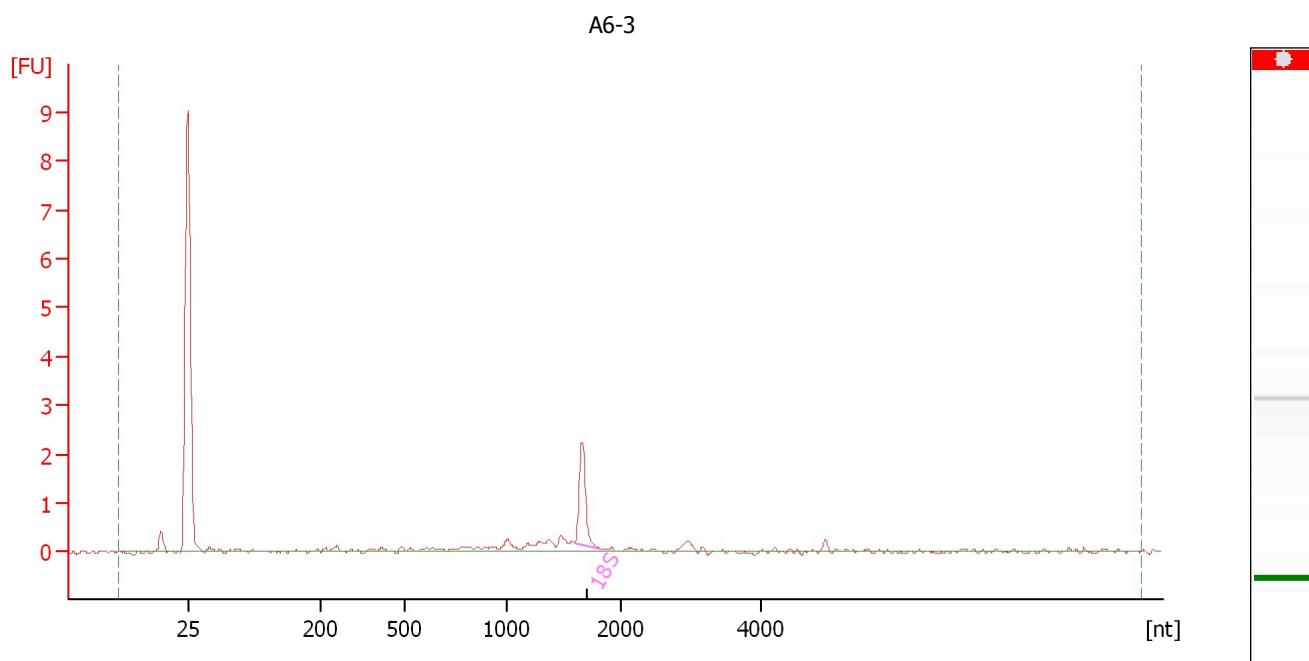
RNA Area:	8.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	6 ng/ $\mu$ l	Result Flagging Color:	<div></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 11 : A5-3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,628	1,756	0.3	3.5

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

**Electropherogram Summary Continued ...****Overall Results for sample 12 : A6-3**

RNA Area:	6.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	5 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 20px; height: 10px; display: inline-block;"></div>
rRNA Ratio [25s / 18s]:	0.0	Result Flagging Label:	RIN N/A

**Fragment table for sample 12 : A6-3**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,596	1,825	1.6	24.0

Assay Class: Plant RNA Nano  
Data Path: C:\...00 expert\_Plant RNA Nano\_DE24802560\_2013-05-21\_11-30-31.xad

Created: 21/05/2013 11:30:31 AM  
Modified: 21/05/2013 11:54:23 AM

Gel Image

