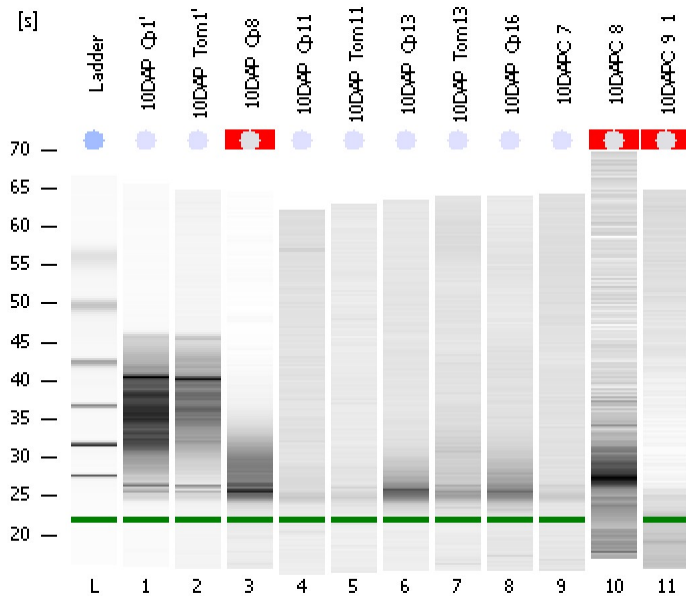


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
 Modified: 12/19/2013 11:34:35 AM

Electrophoresis File Run Summary



Instrument Information:

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

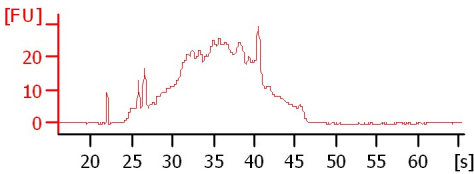
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
 Assay Class: Eukaryote Total RNA Pico
 Version: 2.6
 Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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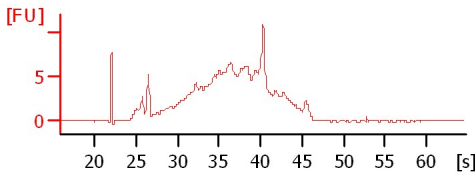
Chip Information:

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

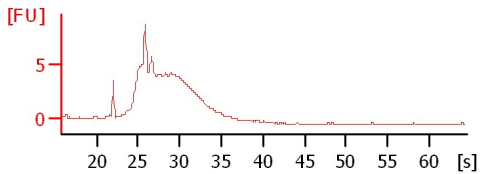
10DAP_Cp1'
 RIN: 2.90



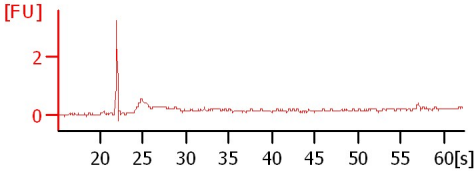
10DAP_Tom1'
 RIN: 3.70



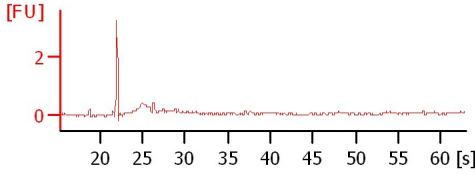
10DAP_Cp8
 RIN N/A



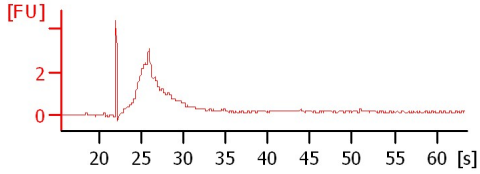
10DAP_Cp11
 RIN: 1.50



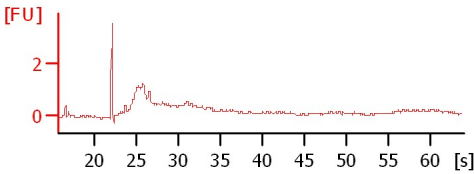
10DAP_Tom11
 RIN: 1.30



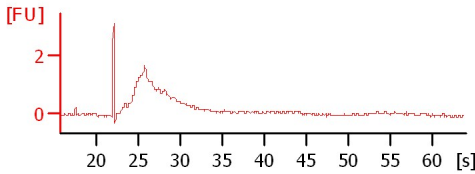
10DAP_Cp13
 RIN: 2.50



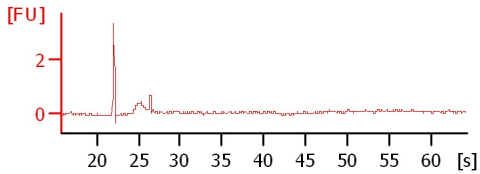
10DAP_Tom13
 RIN: 2.30



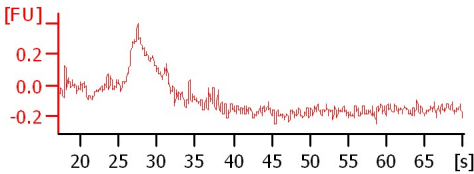
10DAP_Cp16
 RIN: 2.50



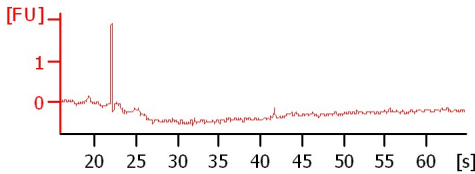
10DAPC_7
 RIN: 1.90



10DAPC_8
 RIN N/A



10DAPC_9_1
 RIN N/A



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
10DAP_Cp1'		✓	RIN: 2.90	
10DAP_Tom1'		✓	RIN: 3.70	
10DAP_Cp8		✓	RIN N/A	
10DAP_Cp11		✓	RIN: 1.50	
10DAP_Tom11		✓	RIN: 1.30	
10DAP_Cp13		✓	RIN: 2.50	
10DAP_Tom13		✓	RIN: 2.30	
10DAP_Cp16		✓	RIN: 2.50	
10DAPC_7		✓	RIN: 1.90	
10DAPC_8		✓	RIN N/A	
10DAPC_9_1		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 18
End Analysis Time Range [s] : 69
Ladder Concentration [pg/ μ l] : 1000
Lower Marker Concentration [pg/ μ l] : 0
Upper Marker Concentration [pg/ μ l] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.3
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

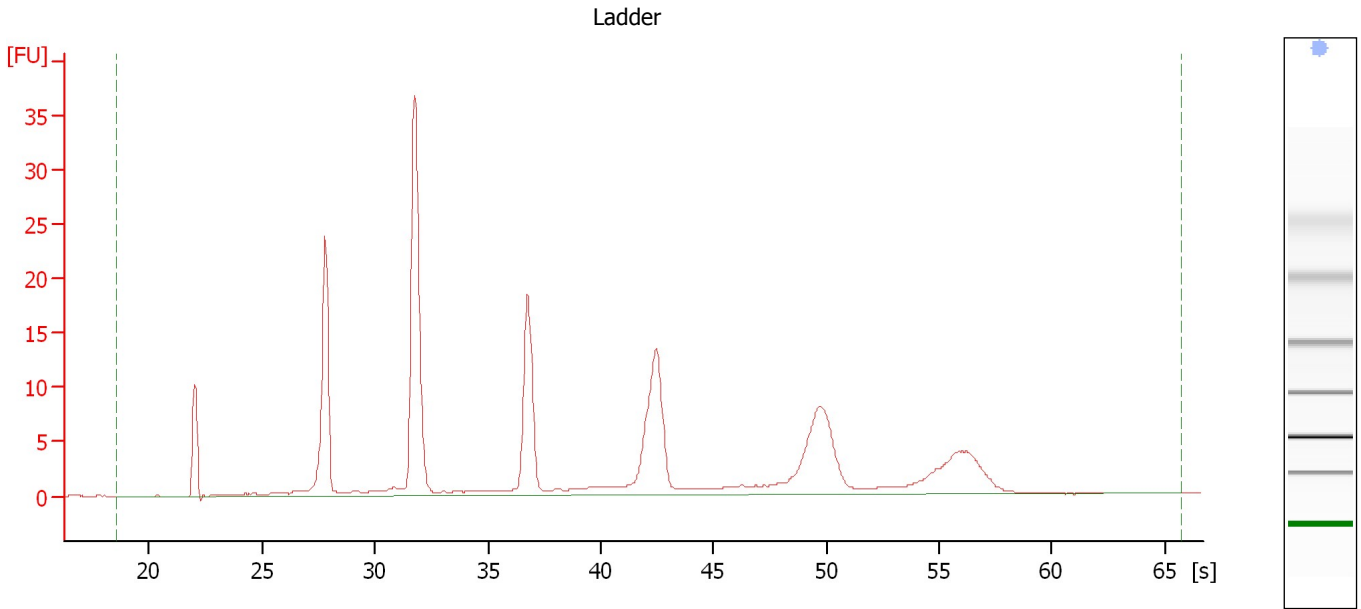
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary



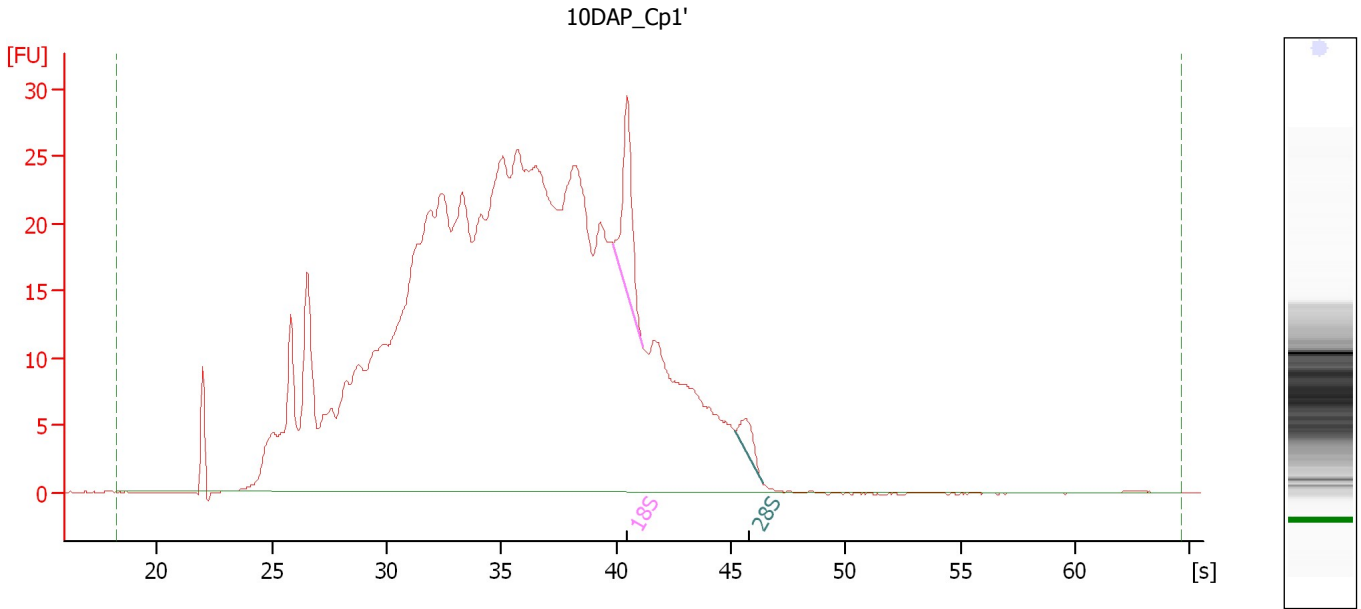
Overall Results for Ladder

RNA Area:	189.9	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 10DAP_Cp1'

RNA Area: 881.4 RNA Integrity Number (RIN): 2.9 (B.02.08)
RNA Concentration: 4,641 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.2 Result Flagging Label: RIN: 2.90

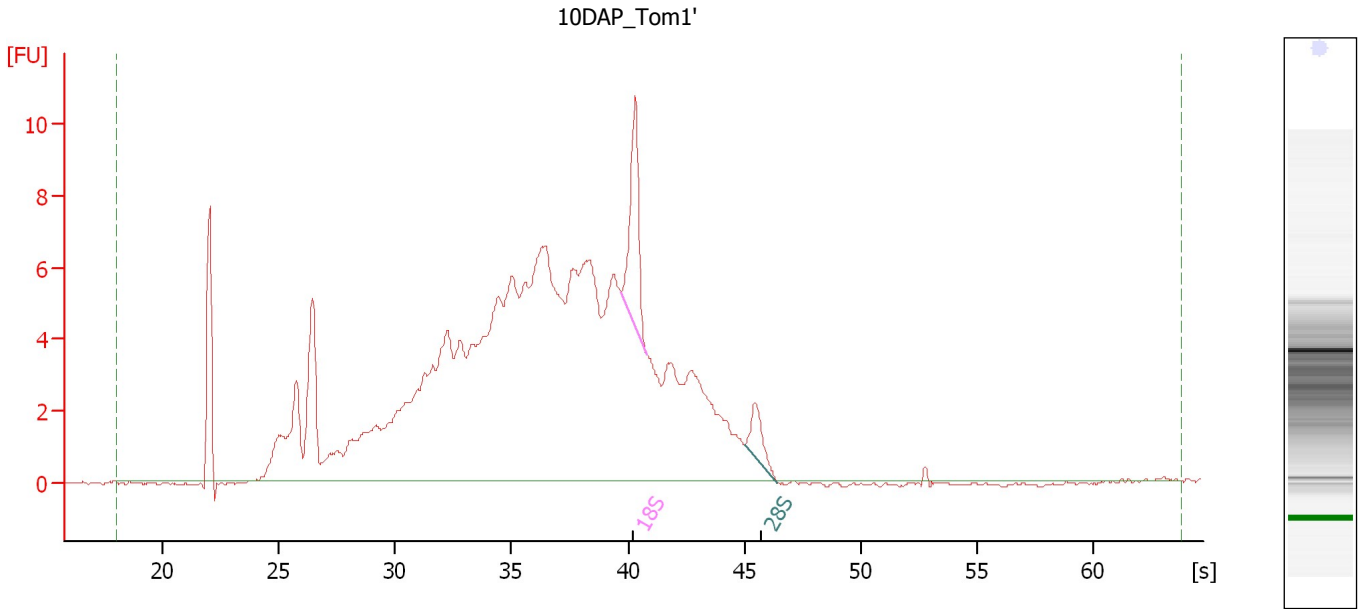
Fragment table for sample 1 : 10DAP_Cp1'

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,545	1,766	16.4	1.9
28S	2,744	3,080	3.5	0.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 10DAP Tom1'

RNA Area: 199.0 RNA Integrity Number (RIN): 3.7 (B.02.08)
RNA Concentration: 1,048 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.3 Result Flagging Label: RIN: 3.70

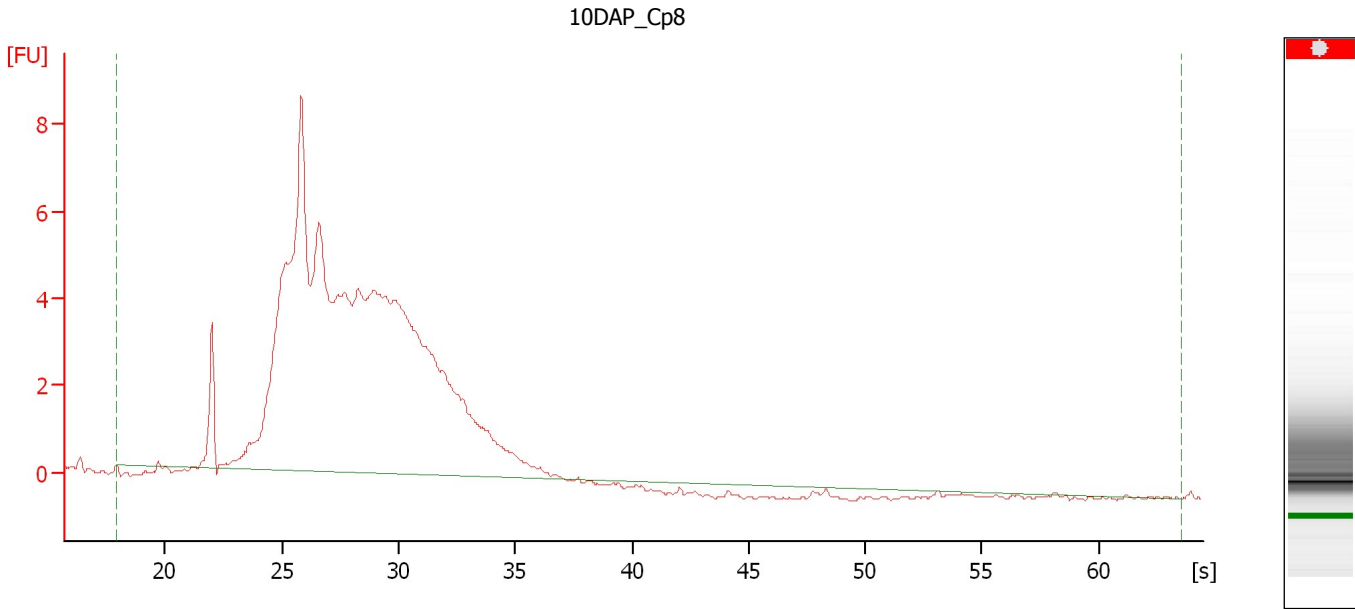
Fragment table for sample 2 : 10DAP Tom1'

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,514	1,708	6.4	3.2
28S	2,702	3,097	1.9	1.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 10DAP_Cp8

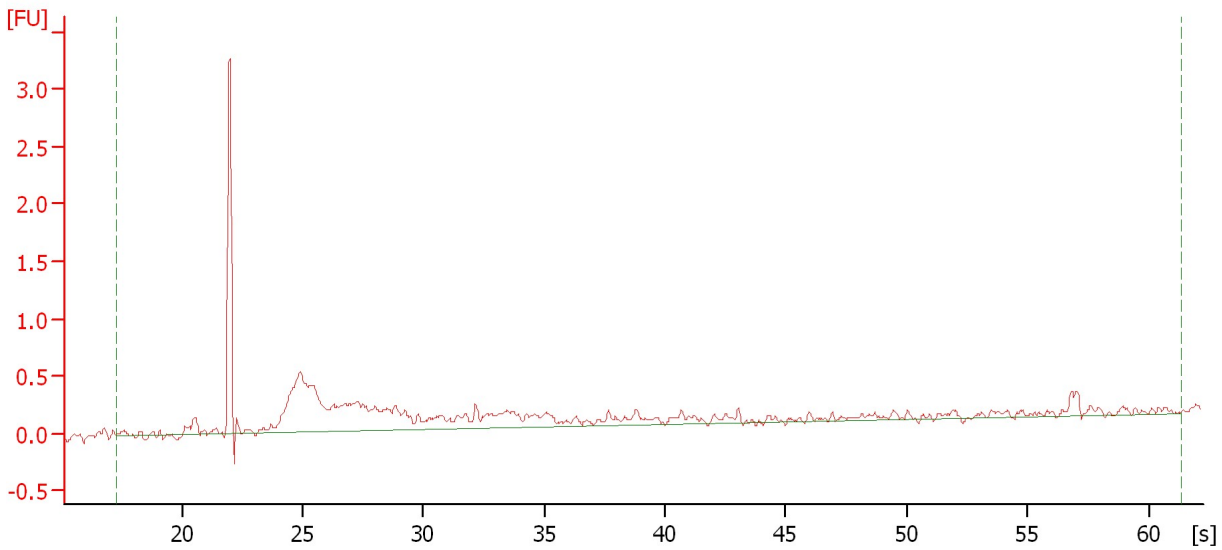
RNA Area:	127.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	673 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...

10DAP_Cp11



Overall Results for sample 4 : 10DAP_Cp11

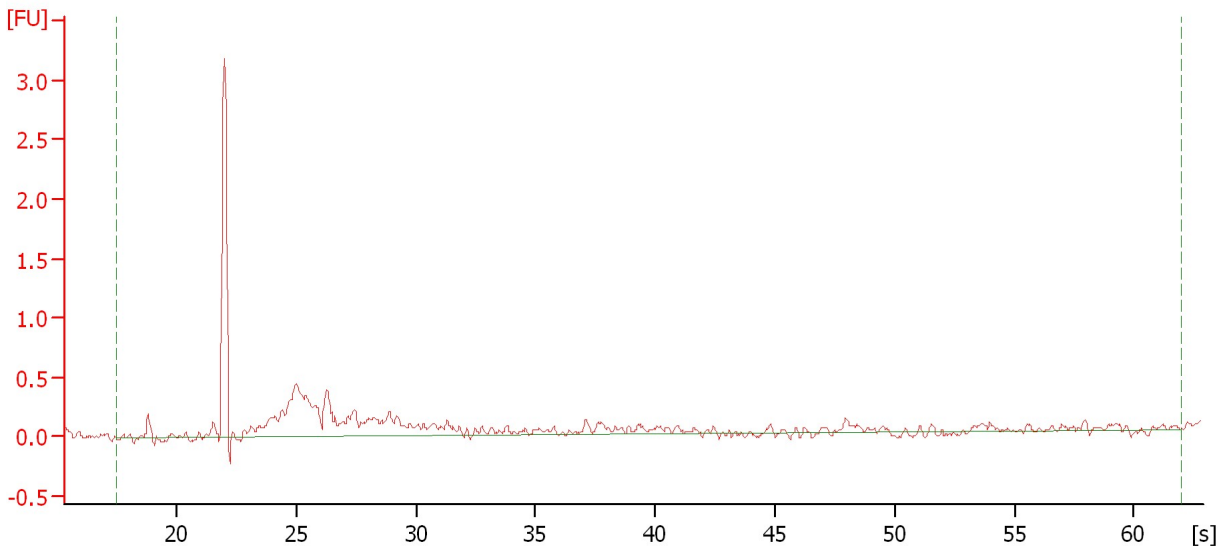
RNA Area:	9.5	RNA Integrity Number (RIN):	1.5 (B.02.08)
RNA Concentration:	50 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...

10DAP_Tom11



Overall Results for sample 5 : 10DAP Tom11

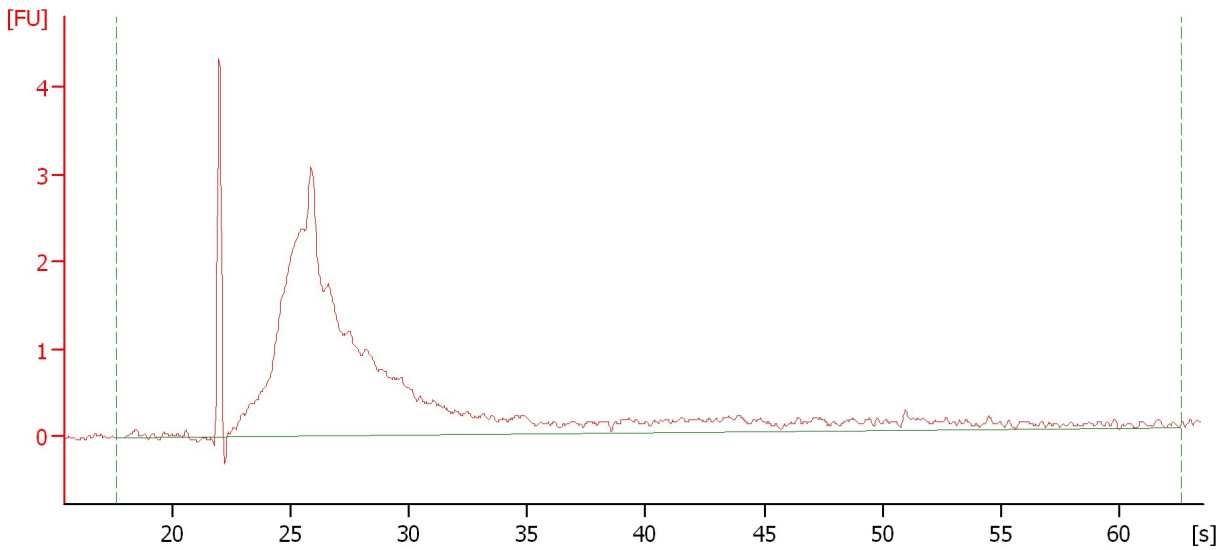
RNA Area:	7.0	RNA Integrity Number (RIN):	1.3 (B.02.08)
RNA Concentration:	37 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...

10DAP_Cp13



Overall Results for sample 6 : 10DAP_Cp13

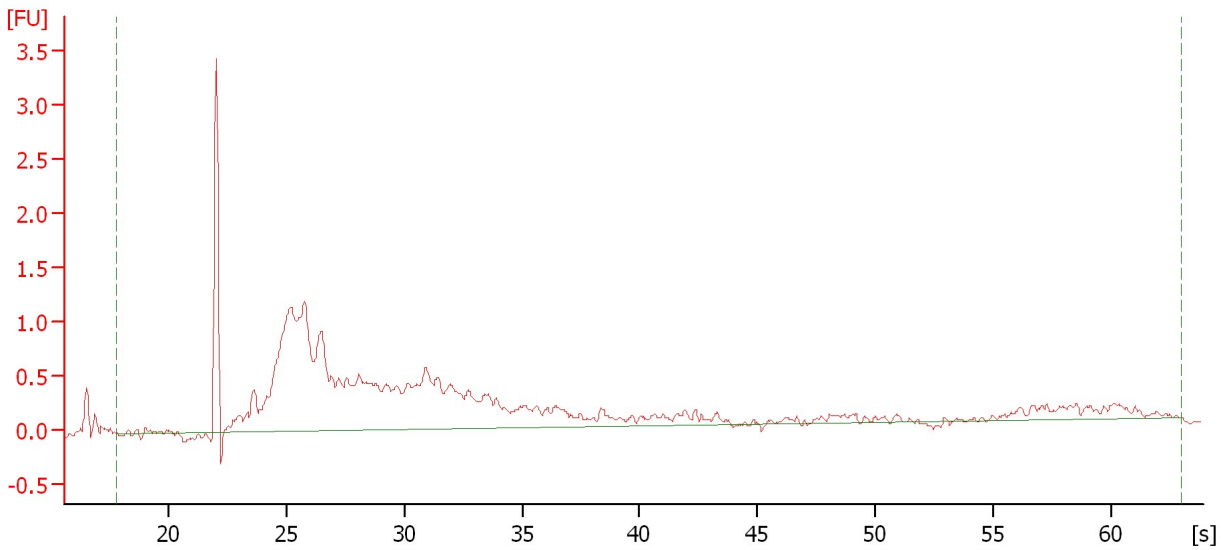
RNA Area:	42.9	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	226 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...

10DAP_Tom13



Overall Results for sample 7 : 10DAP Tom13

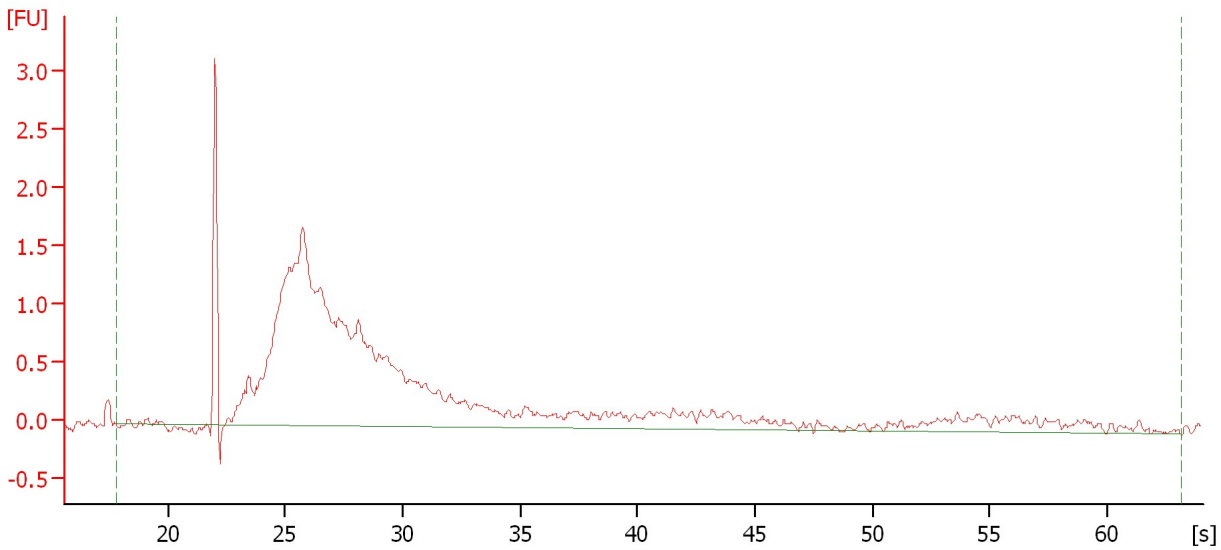
RNA Area:	23.7	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	125 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...

10DAP_Cp16



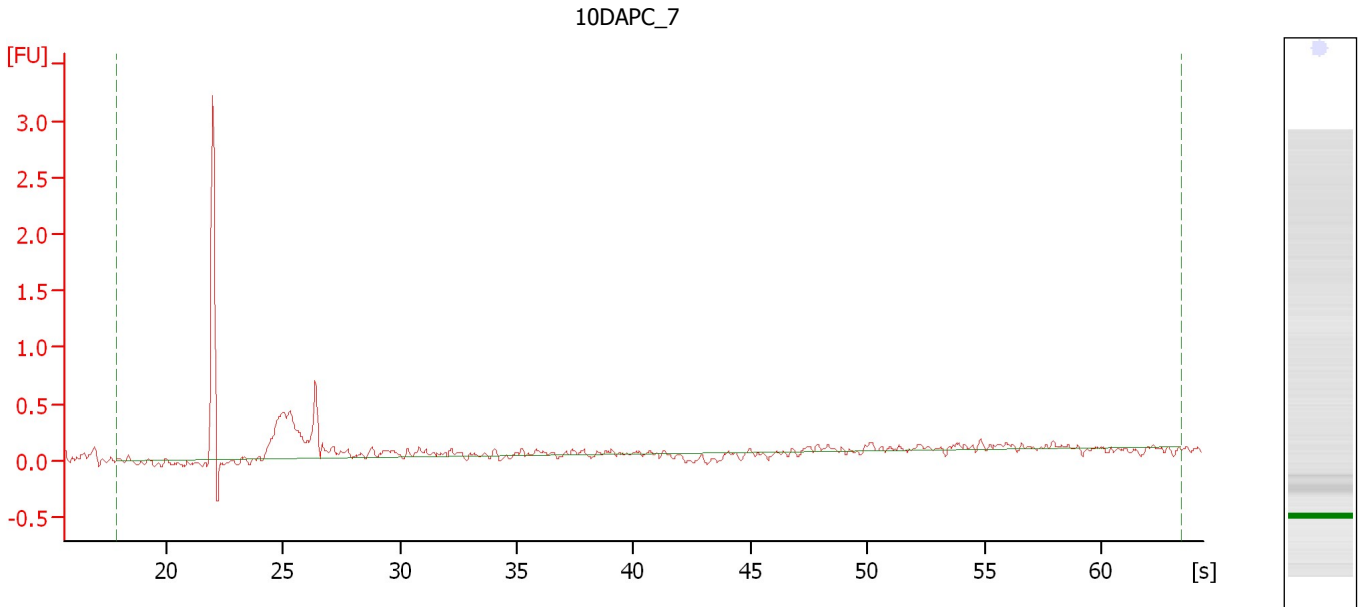
Overall Results for sample 8 : 10DAP_Cp16

RNA Area:	31.0	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	163 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...



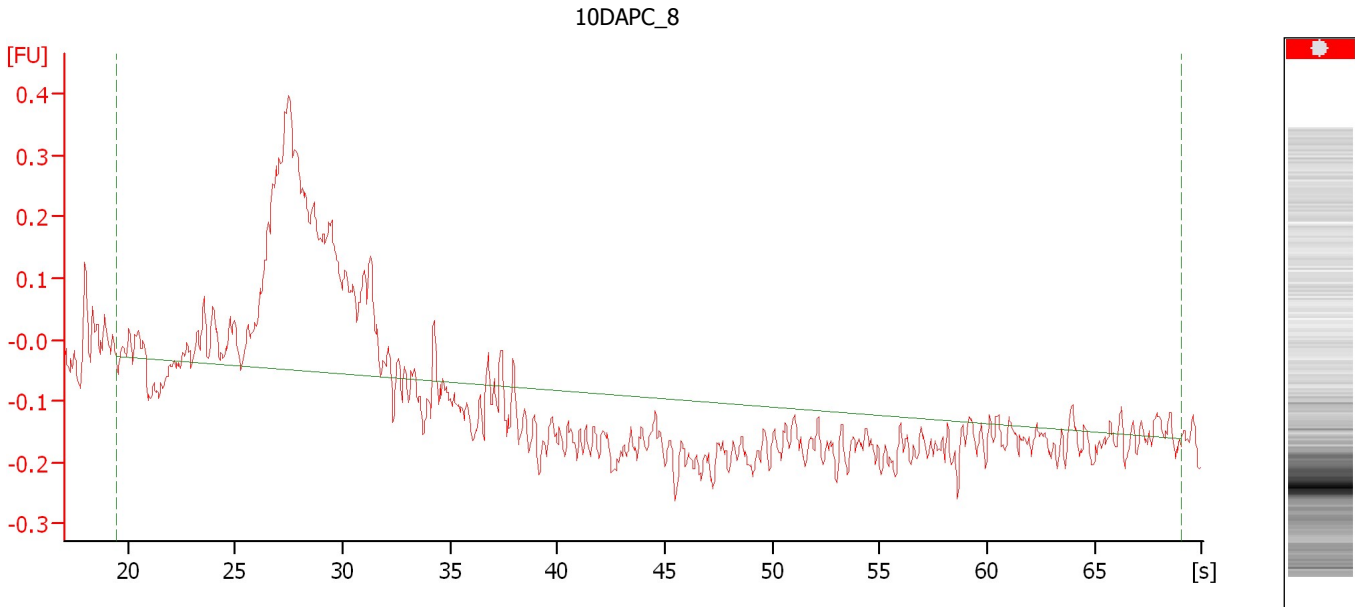
Overall Results for sample 9 : 10DAPC 7

RNA Area:	4.6	RNA Integrity Number (RIN):	1.9 (B.02.08)
RNA Concentration:	24 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.90

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 10DAPC_8

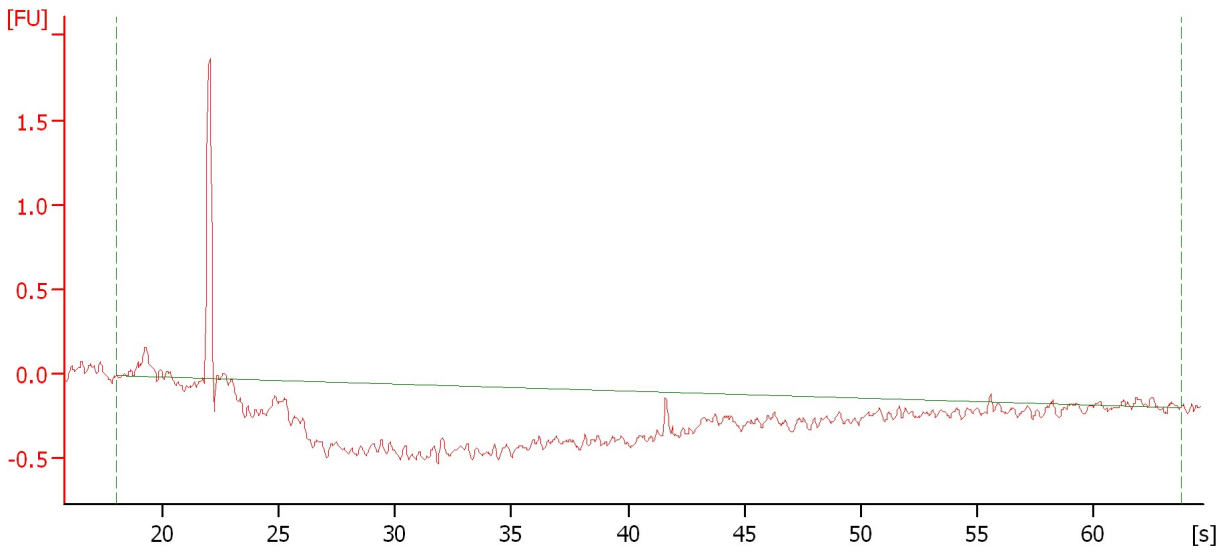
RNA Concentration:	29 pg/ μ l	Result Flagging Color:	<input type="checkbox"/>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad


Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Electropherogram Summary Continued ...

10DAPC_9_1



Overall Results for sample 11 : 10DAPC 9 1

RNA Area:	0.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-19\2013-12-19_002.xad

Created: 12/19/2013 11:12:28 AM
Modified: 12/19/2013 11:34:35 AM

Gel Image

