

## ***Fragment Analyzer Run Summary:***

**Filename and Data Path:** C:\AATI\Data\2016 09 28\11-17-28\2016 09 28 11H 17M.raw

**Created:** Wednesday, September 28, 2016 11:53:33 AM

**# of Capillaries:** 4

**Array Serial #:** 060514-01SFS

**Effect Length:** 33 cm

**Array Usage Count:** 276

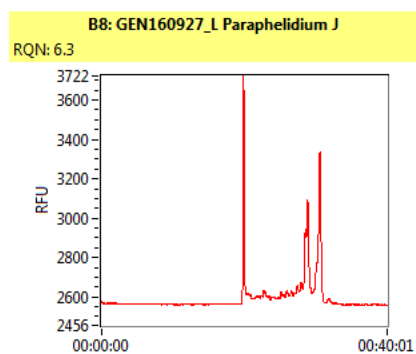
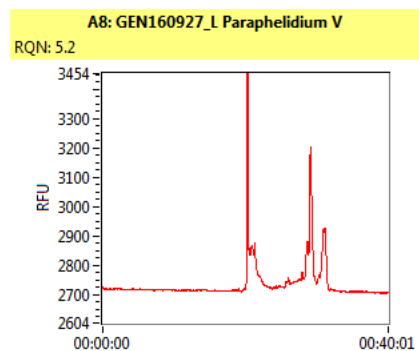
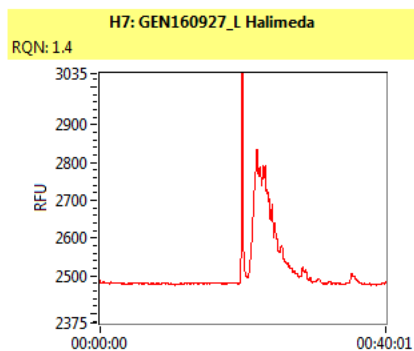
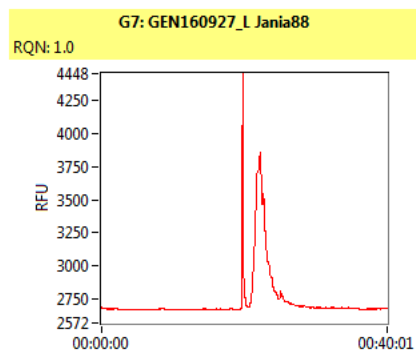
**FA Version #:** 1.0.2.9

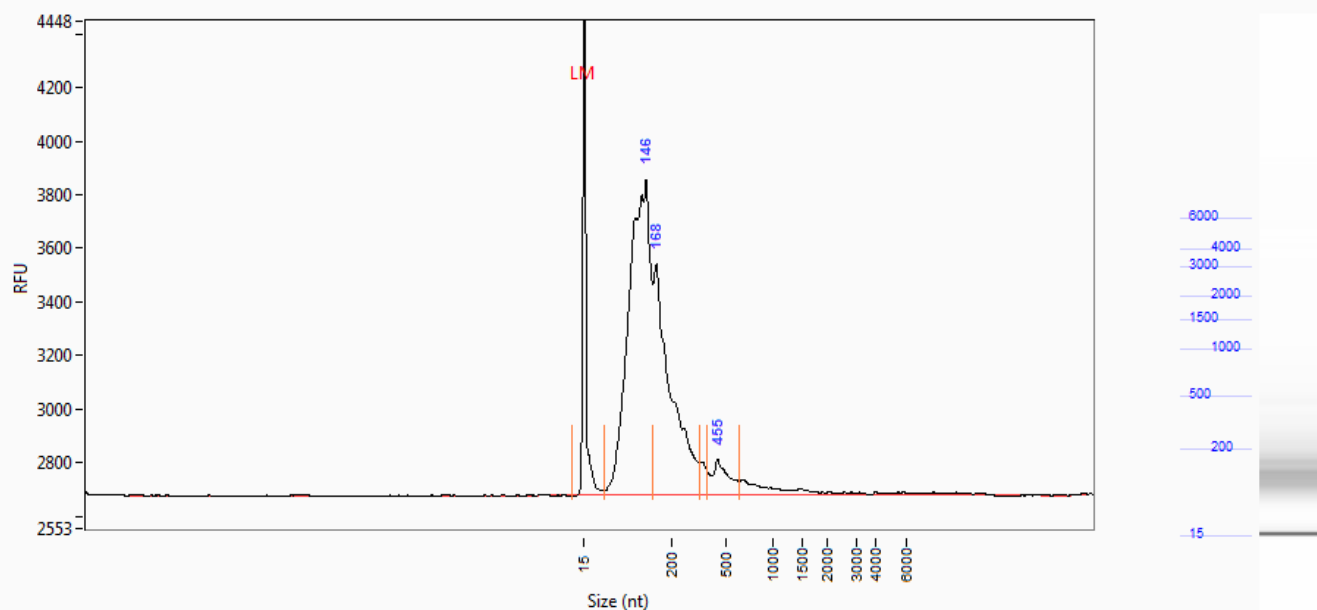
**Device Serial #:** 2986

**Analysis Mode:** RNA (Eukaryotic)



Filename and Data Path: C:\AATI\Data\2016 09 28\11-17-28\2016 09 28 11H 17M.raw



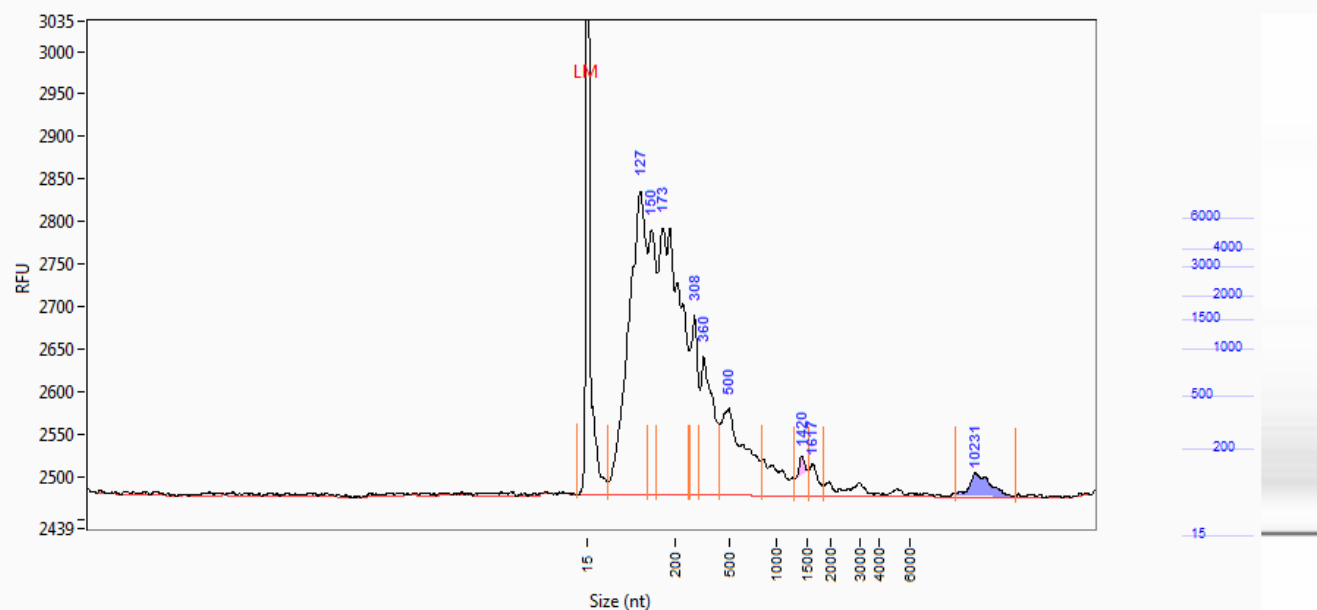
**Sample:** GEN160927\_L Jania88**Well Location:** G7**Created:** Wednesday, September 28, 2016 11:53:33 AM

Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)
1	15 (LM)	0.0359	7.226
2	146	1.2372	26.421
3	168	0.7140	13.200
4	455	0.0937	0.642

TIC:	2.0449	ng/uL
TIM:	40.263	nmole/L
Total Conc.:	2.1768	ng/uL

28S/18S:	0.0
RQN	1.0

Sample Peak Width (sec): 6    Sample Min Peak Height: 20    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3  
 Sample Filter: Binomial    # of Pts for Filter: 9    Sample Start Region (min): 0    Sample End Region (min): 40  
 Manual Baseline Start (min): 18    Manual Baseline End (min): 38  
 Marker Peak Width (sec): 6    Marker Min Peak Height: 100    Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3  
 Lower Marker Selection: First Peak > 100 RFU    Upper Marker Selection: Last Peak > 100 RFU  
 Ladder Size (bp): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000  
 Quantification Using: Ladder    Final Concentration (ng/uL): 0.2000    Dilution Factor: 10.0  
 Min. RFU for Data Processing: 2

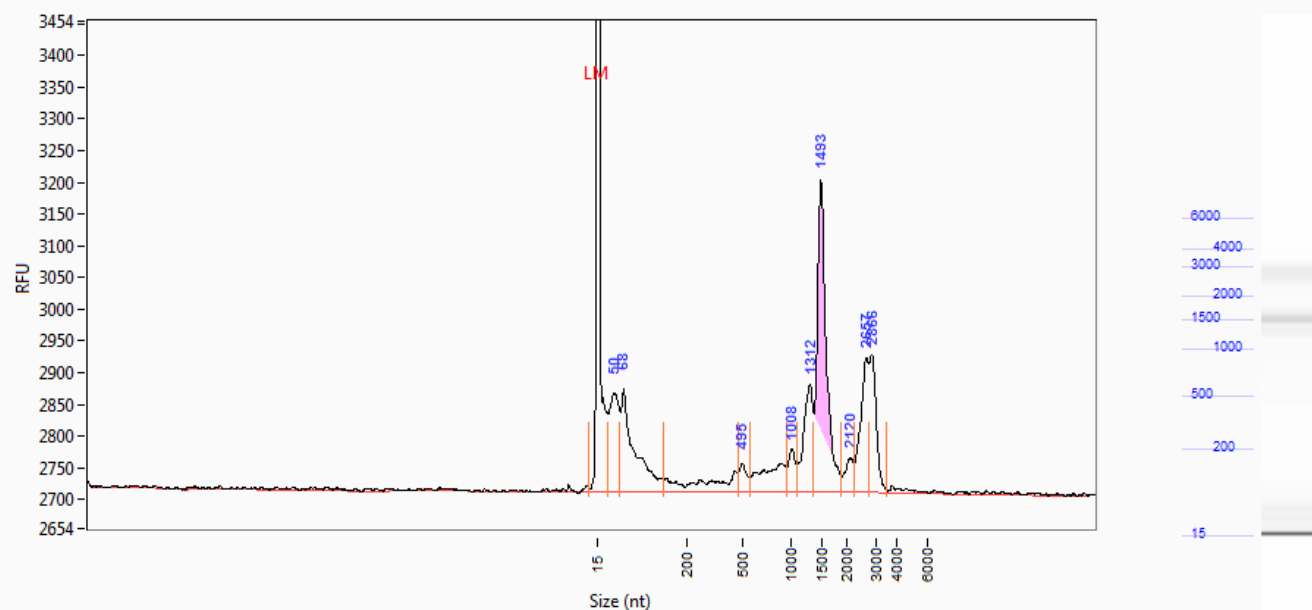
**Sample:** GEN160927\_L Halimeda**Well Location:** H7**Created:** Wednesday, September 28, 2016 11:53:33 AM

Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)
1	15 (LM)	0.0359	7.226
2	127	0.4096	10.057
3	150	0.1469	3.043
4	173	0.4352	7.835
5	308	0.0820	0.830
6	360	0.1186	1.026
7	500	0.1282	0.799
8	1420	0.0190	0.042
9	1617	0.0152	0.029
10	10231	0.0212	0.006

TIC:	1.3758	ng/uL
TIM:	23.667	nmole/L
Total Conc.:	1.4467	ng/uL

28S/18S:	3.8
RQN	1.4

Sample Peak Width (sec): 6    Sample Min Peak Height: 20    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3  
 Sample Filter: Binomial    # of Pts for Filter: 9    Sample Start Region (min): 0    Sample End Region (min): 40  
 Manual Baseline Start (min): 18    Manual Baseline End (min): 38  
 Marker Peak Width (sec): 6    Marker Min Peak Height: 100    Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3  
 Lower Marker Selection: First Peak > 100 RFU    Upper Marker Selection: Last Peak > 100 RFU  
 Ladder Size (bp): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000  
 Quantification Using: Ladder    Final Concentration (ng/uL): 0.2000    Dilution Factor: 10.0  
 Min. RFU for Data Processing: 2

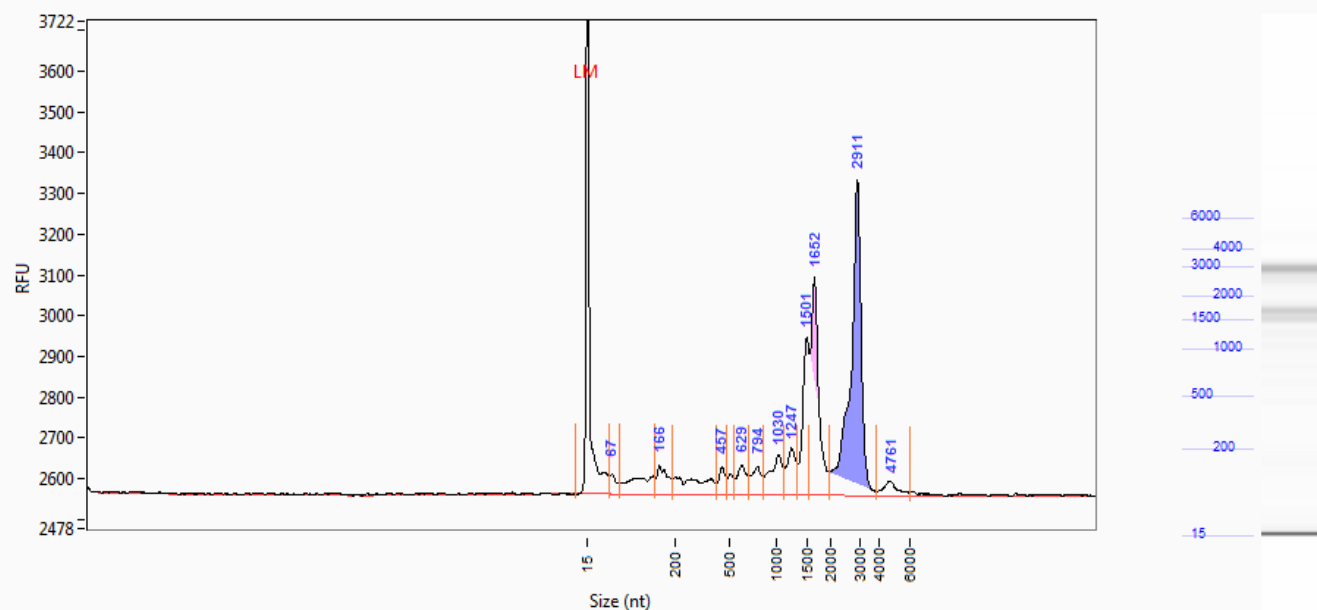
**Sample:** GEN160927\_L Paraphelidium V**Well Location:** A8**Created:** Wednesday, September 28, 2016 11:53:33 AM

Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)
1	15 (LM)	0.0359	7.226
2	50	0.0954	5.950
3	68	0.1342	6.144
4	495	0.0170	0.107
5	1008	0.0220	0.068
6	1312	0.0744	0.177
7	1493	0.2099	0.439
8	2120	0.0189	0.028
9	2657	0.0719	0.084
10	2866	0.0681	0.074

TIC:	0.7118	ng/uL
TIM:	13.071	nmole/L
Total Conc.:	0.8197	ng/uL

28S/18S:	0.0
RQN	5.2

Sample Peak Width (sec): 6    Sample Min Peak Height: 20    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3  
 Sample Filter: Binomial    # of Pts for Filter: 9    Sample Start Region (min): 0    Sample End Region (min): 40  
 Manual Baseline Start (min): 18    Manual Baseline End (min): 34  
 Marker Peak Width (sec): 6    Marker Min Peak Height: 100    Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3  
 Lower Marker Selection: First Peak > 100 RFU    Upper Marker Selection: Last Peak > 100 RFU  
 Ladder Size (bp): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000  
 Quantification Using: Ladder    Final Concentration (ng/uL): 0.2000    Dilution Factor: 10.0  
 Min. RFU for Data Processing: 2

**Sample:** GEN160927\_L Paraphelidium J**Well Location:** B8**Created:** Wednesday, September 28, 2016 11:53:33 AM

Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)
1	15 (LM)	0.0359	7.226
2	67	0.0202	0.938
3	166	0.0436	0.816
4	457	0.0240	0.163
5	629	0.0350	0.173
6	794	0.0337	0.132
7	1030	0.0606	0.183
8	1247	0.0508	0.127
9	1501	0.1192	0.248
10	1652	0.2024	0.382
11	2911	0.3799	0.407
12	4761	0.0192	0.013

TIC:	0.9887	ng/uL
TIM:	3.583	nmole/L
Total Conc.:	1.1480	ng/uL

28S/18S:	5.9
RQN	6.3

Sample Peak Width (sec): 6    Sample Min Peak Height: 20    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3  
 Sample Filter: Binomial    # of Pts for Filter: 9    Sample Start Region (min): 0    Sample End Region (min): 40  
 Manual Baseline Start (min): 18    Manual Baseline End (min): 34  
 Marker Peak Width (sec): 6    Marker Min Peak Height: 100    Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3  
 Lower Marker Selection: First Peak > 100 RFU    Upper Marker Selection: Last Peak > 100 RFU  
 Ladder Size (bp): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000  
 Quantification Using: Ladder    Final Concentration (ng/uL): 0.2000    Dilution Factor: 10.0  
 Min. RFU for Data Processing: 2

**Sample:** DNA Size Ladder

**Well Location:** H11

**Created:** Wednesday, September 28, 2016 11:53:33 AM

**Import From:** C:\Users\ur27\Desktop\ladder20160923\_RNA.SCAL

**Fit Type:** Point to Point

Calibration Curve

