

Fragment Analyzer Run Summary:

Filename and Data Path: C:\Users\Noa\Documents\Documents\2 TBRC\1 PROJECTS\6 AATI Fragment analyzer traces\2013 11 06\11-32-37\2013 11 06 11H 32M.raw

Created: Wednesday, November 06, 2013 11:47:19 AM

of Capillaries: 12

METHOD INFORMATION

Gel Prime: Yes

Conditioning: Yes

Gel Selection: Gel 1

Perform Prerun: 8.0 kV, 30 sec.

Rinse: Tray: 3, Row: A

Marker 1: No

Rinse: Tray: 3, Row: A

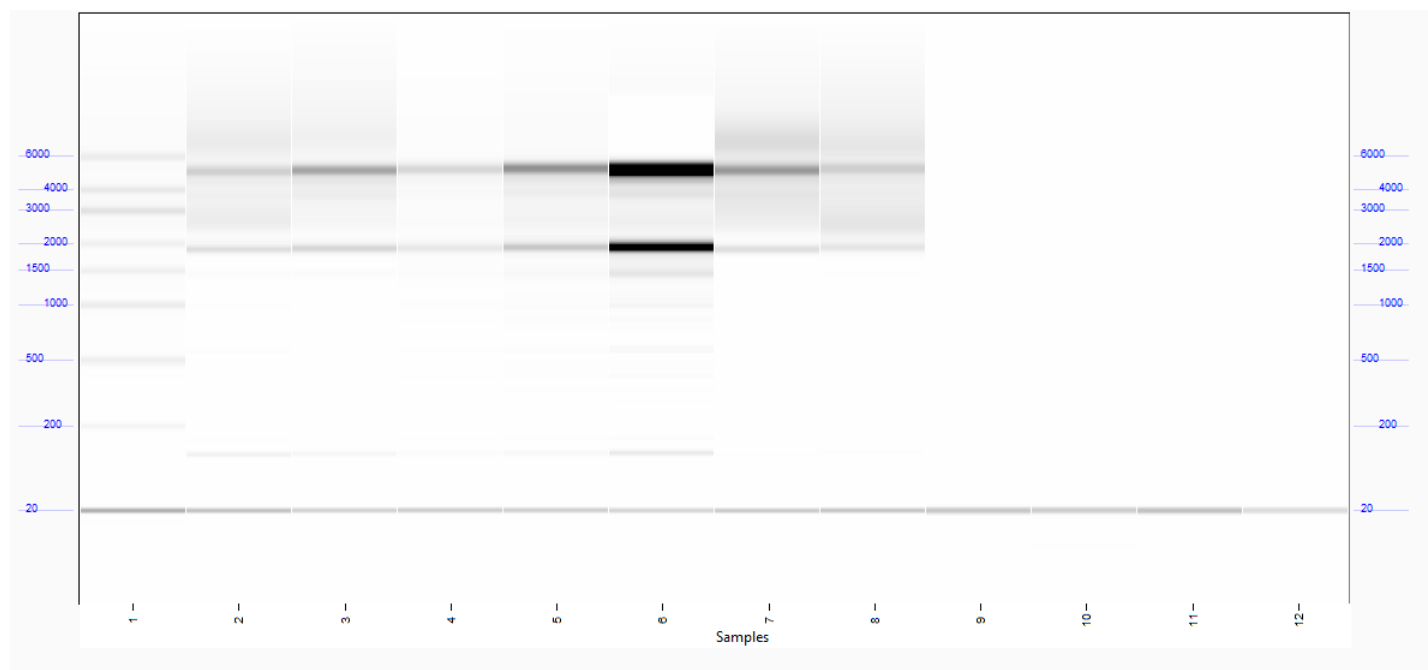
Sample Injection: 5.0 kV, 6 sec.

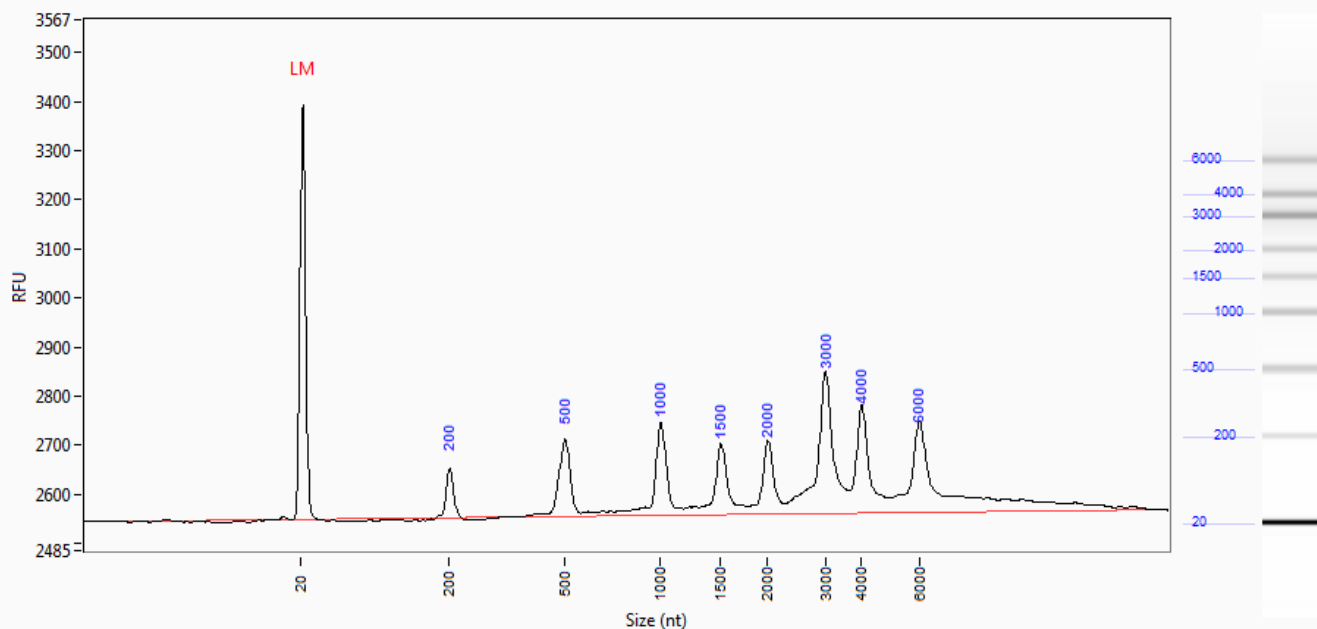
Separation: 8.0 kV, 40.0 min.

Tray Name: Tray-1

Analysis Mode: RNA (Eukaryotic)

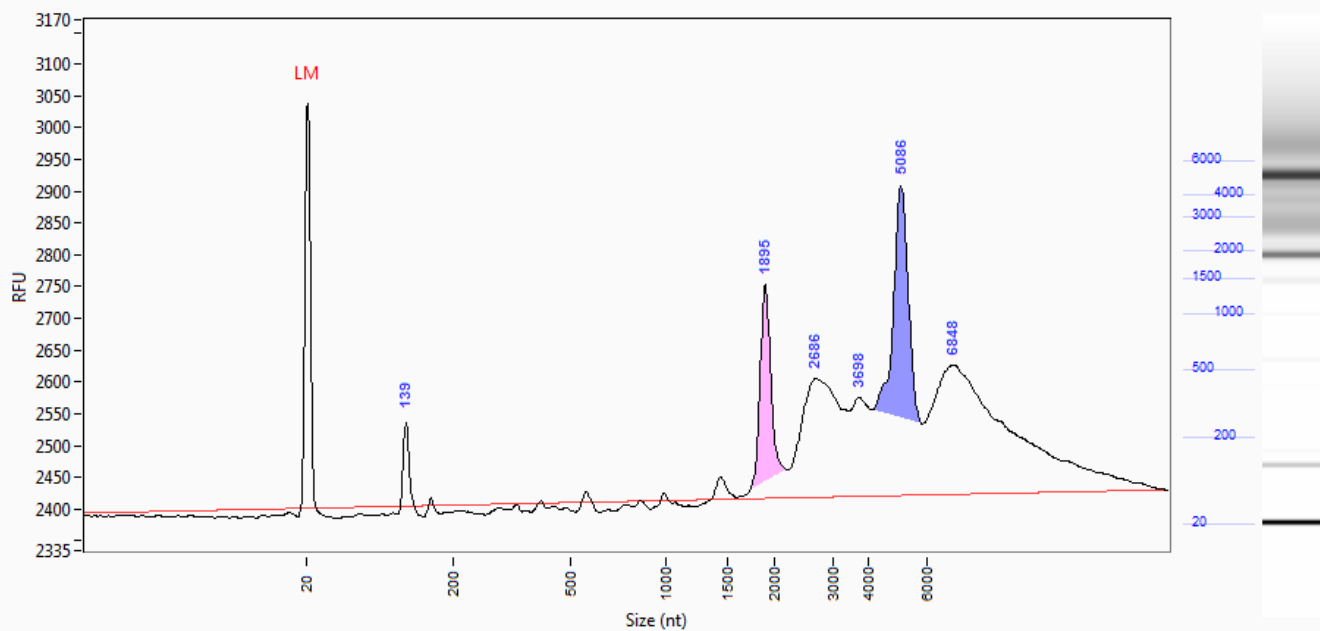
NOTE



Sample: ladder**Well Location:** A1**Created:** Wednesday, November 06, 2013 11:47:19 AM

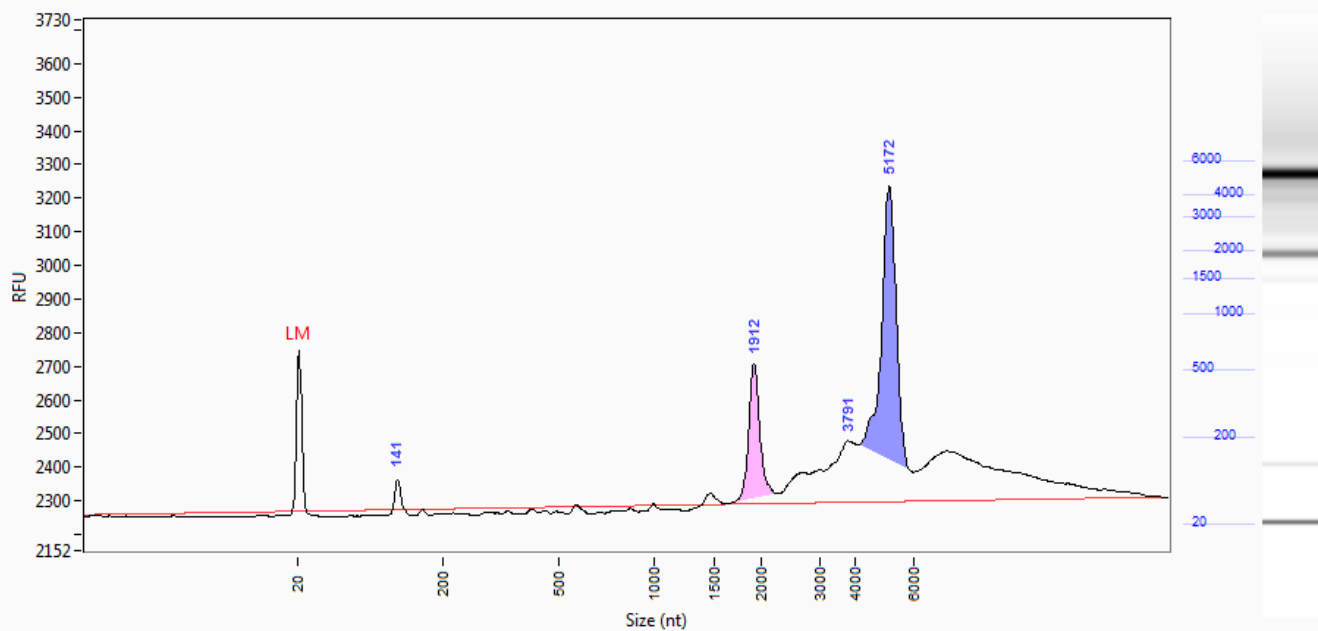
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	852	5.308	22:20
2	200	5.2756	82.100	107	0.878	25:20
3	500	9.3452	58.259	158	1.555	27:42
4	1000	8.8596	27.629	182	1.474	29:39
5	1500	6.9685	14.490	134	1.160	30:53
6	2000	6.2427	9.737	137	1.039	31:51
7	3000	17.3545	18.046	275	2.888	33:02
8	4000	9.7415	7.598	202	1.621	33:46
9	6000	9.9628	5.180	164	1.658	34:57
TIC:		73.7506	223.039			
Total Conc.		96.0000				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: 1P3A**Well Location:** A2**Created:** Wednesday, November 06, 2013 11:47:19 AM

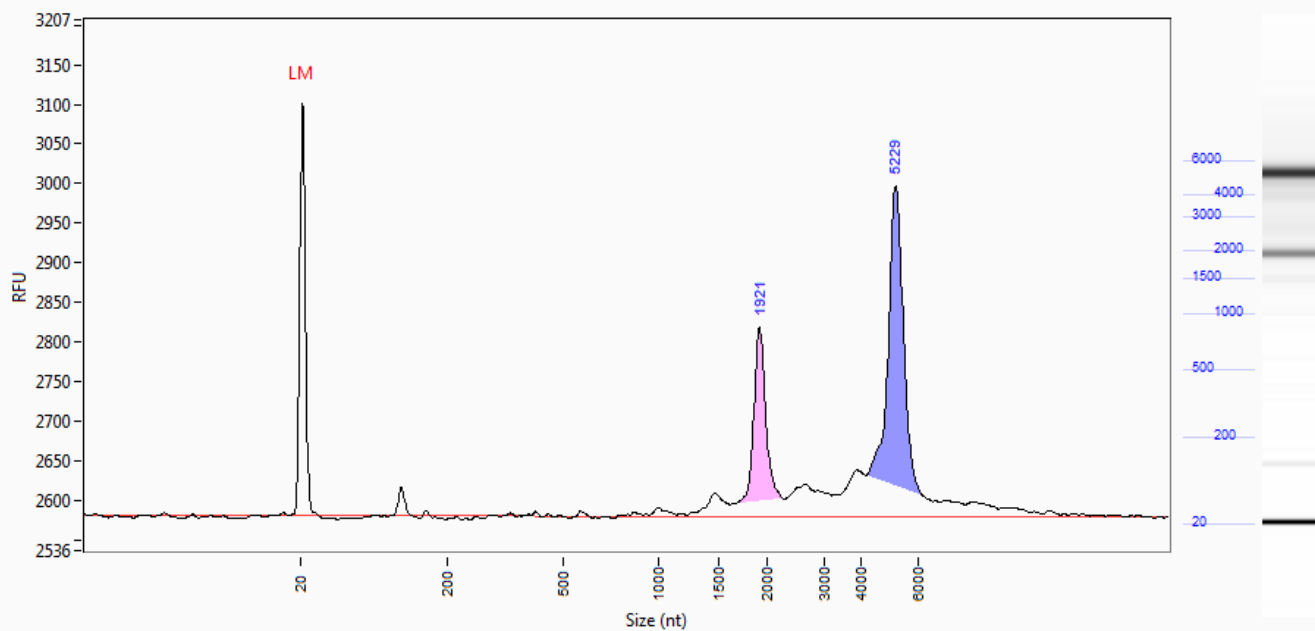
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	636	3.641	22:20
2	139	6.2319	139.391	131	0.711	24:19
3	1895	27.8178	45.791	336	3.176	31:39
4	2686	46.2345	53.697	186	5.278	32:40
5	3698	17.5586	14.813	156	2.004	33:33
6	5086	65.3619	40.093	487	7.462	34:25
7	6848	60.6098	27.614	203	6.919	35:27
TIC:		223.8146	321.398			
Total Conc.		263.4812				
28S/18S:		1.5				
RQN		10.0				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: 1N3A**Well Location:** A3**Created:** Wednesday, November 06, 2013 11:47:19 AM

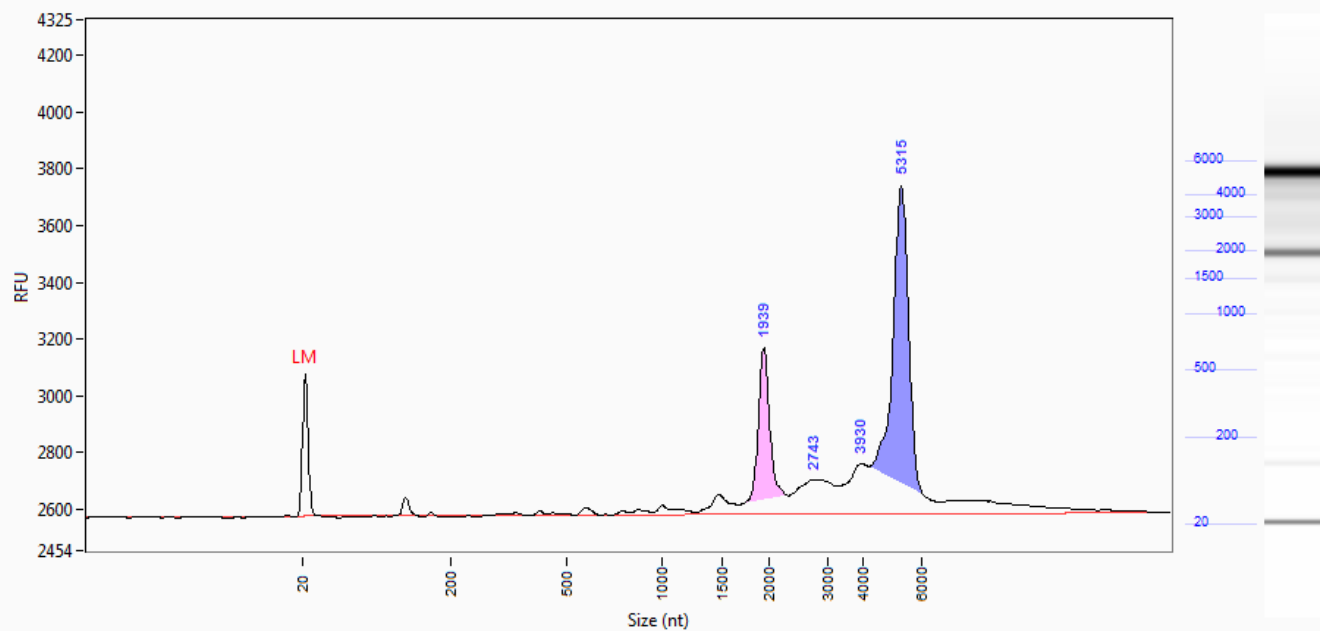
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	477	2.675	22:20
2	141	5.2665	116.131	87	0.442	24:21
3	1912	45.9716	74.982	417	3.855	31:41
4	3791	35.7239	29.399	182	2.996	33:37
5	5172	149.0934	89.938	939	12.503	34:28
	TIC:	236.0553	310.449			
	Total Conc.	376.4356				
	28S/18S:	2.4				
	RQN	10.0				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: 1T3A**Well Location:** A4**Created:** Wednesday, November 06, 2013 11:47:19 AM

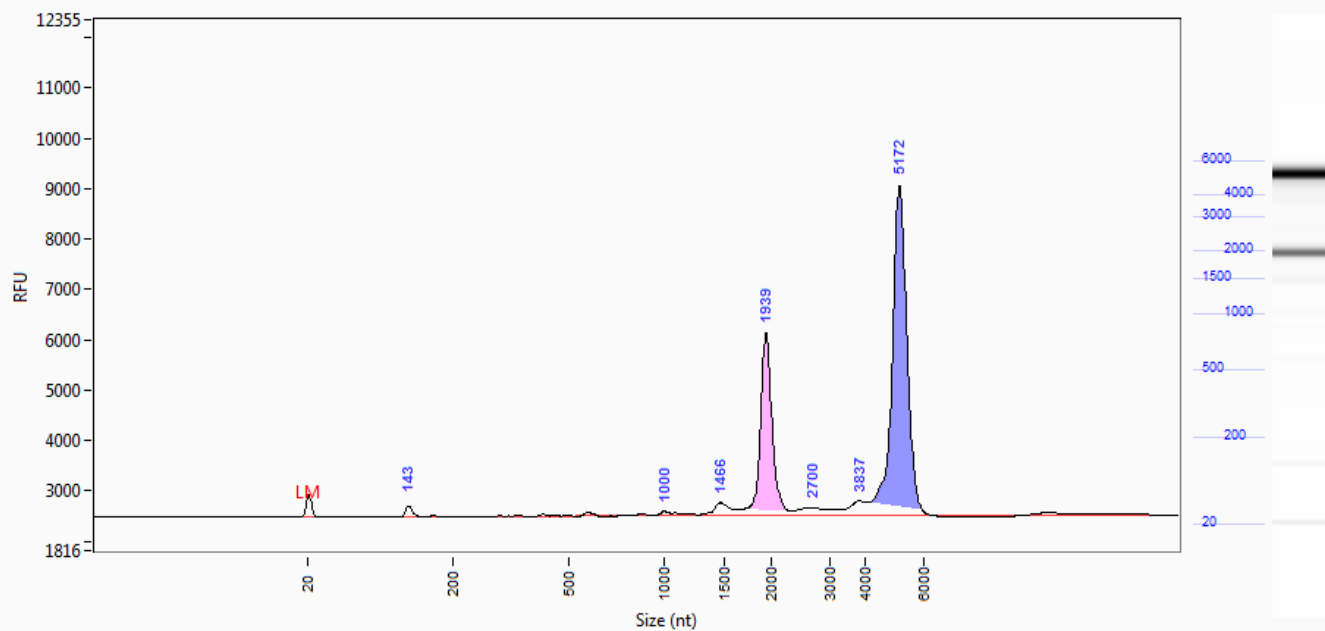
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	520	3.128	22:20
2	1921	26.6379	43.250	240	2.612	31:42
3	5229	56.2900	33.585	418	5.519	34:30
TIC:		82.9280	76.835			
Total Conc.		121.0583				
28S/18S:		2.0				
RQN		10.0				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: 6N3A**Well Location:** A5**Created:** Wednesday, November 06, 2013 11:47:19 AM

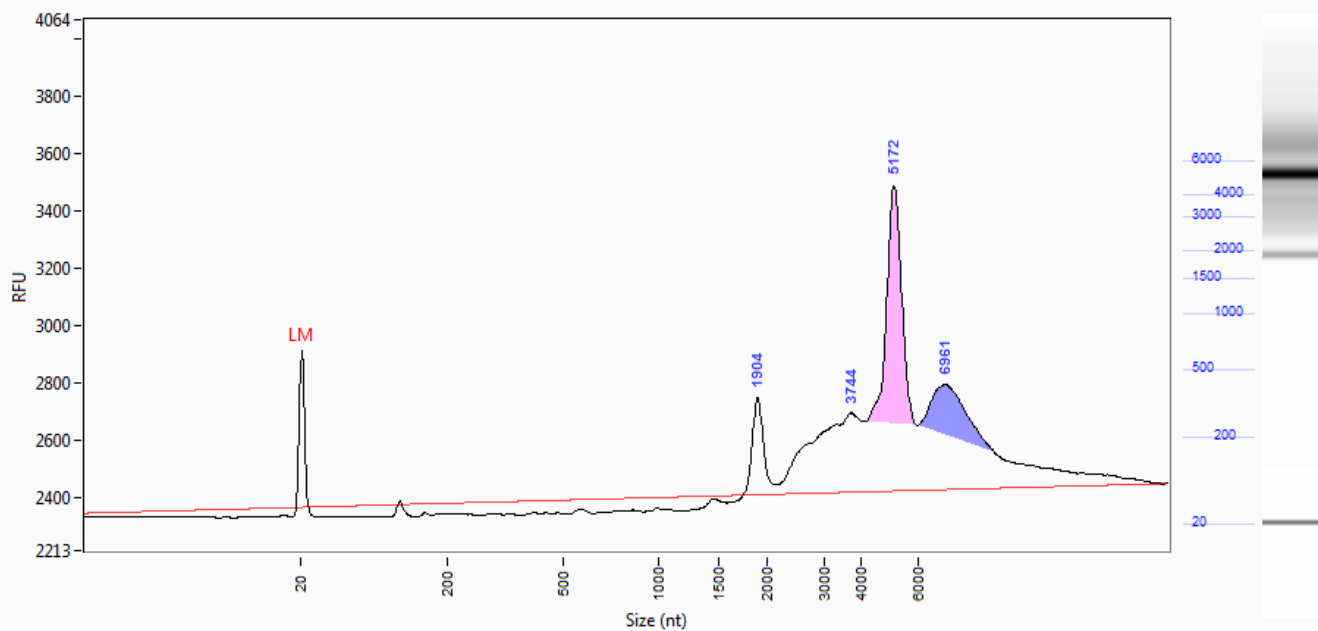
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	502	2.994	22:20
2	1939	65.0550	104.671	588	6.106	31:44
3	2743	33.7144	38.341	122	3.165	32:44
4	3930	27.5224	21.846	177	2.583	33:43
5	5315	164.2533	96.421	1157	15.417	34:33
	TIC:	290.5451	261.280			
	Total Conc.	351.5875				
	28S/18S:	2.5				
	RQN	10.0				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: 6P3A**Well Location:** A6**Created:** Wednesday, November 06, 2013 11:47:19 AM

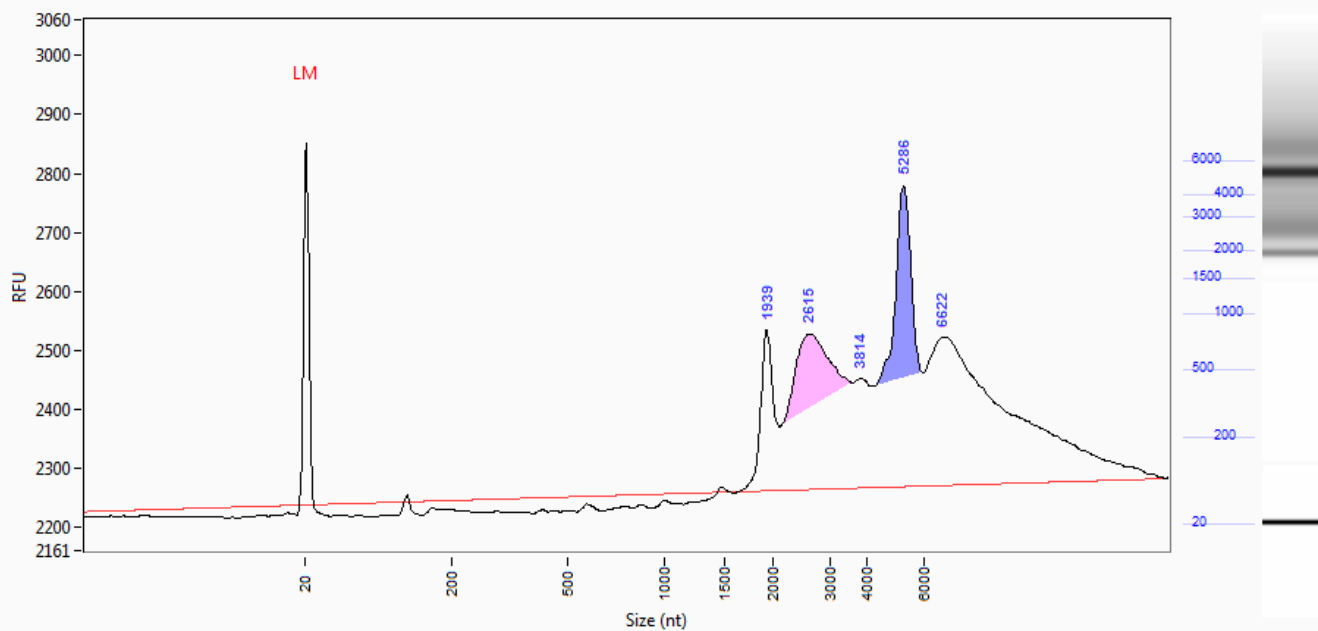
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	439	2.478	22:20
2	143	15.8947	345.609	210	1.235	24:23
3	1000	17.8381	55.629	92	1.386	29:39
4	1466	45.7795	97.413	260	3.556	30:48
5	1939	423.1258	680.794	3632	32.871	31:44
6	2700	47.1458	54.466	162	3.663	32:41
7	3837	49.5524	40.285	288	3.850	33:39
8	5172	882.6729	532.457	6547	68.572	34:28
TIC:		1482.0093	1806.653			
Total Conc.		1520.5304				
28S/18S:		2.1				
RQN		10.0				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: 6T3A**Well Location:** A7**Created:** Wednesday, November 06, 2013 11:47:19 AM

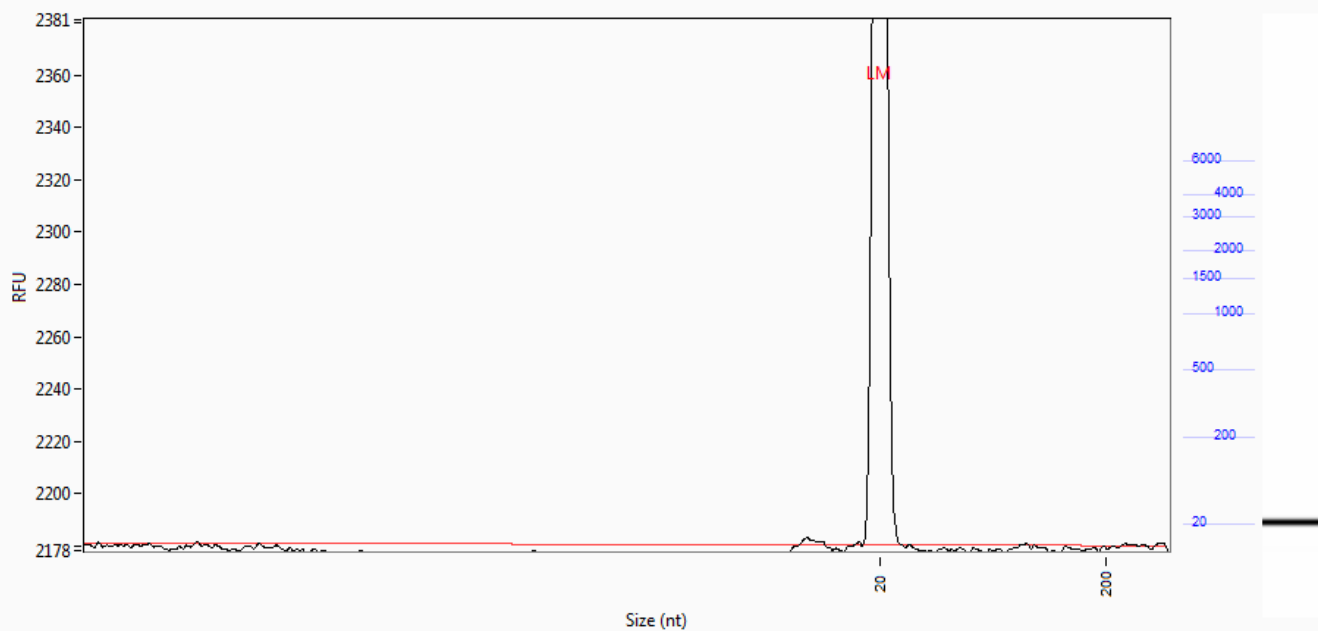
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	544	3.005	22:20
2	1904	30.4728	49.931	337	2.871	31:40
3	3744	105.2257	87.670	276	9.914	33:35
4	5172	170.9551	103.126	1065	16.107	34:28
5	6961	145.9741	65.427	367	13.753	35:31
TIC:		452.6277	306.154			
Total Conc.		481.0005				
28S/18S:		0.5				
RQN		7.9				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: bio5T-3A**Well Location:** A8**Created:** Wednesday, November 06, 2013 11:47:19 AM

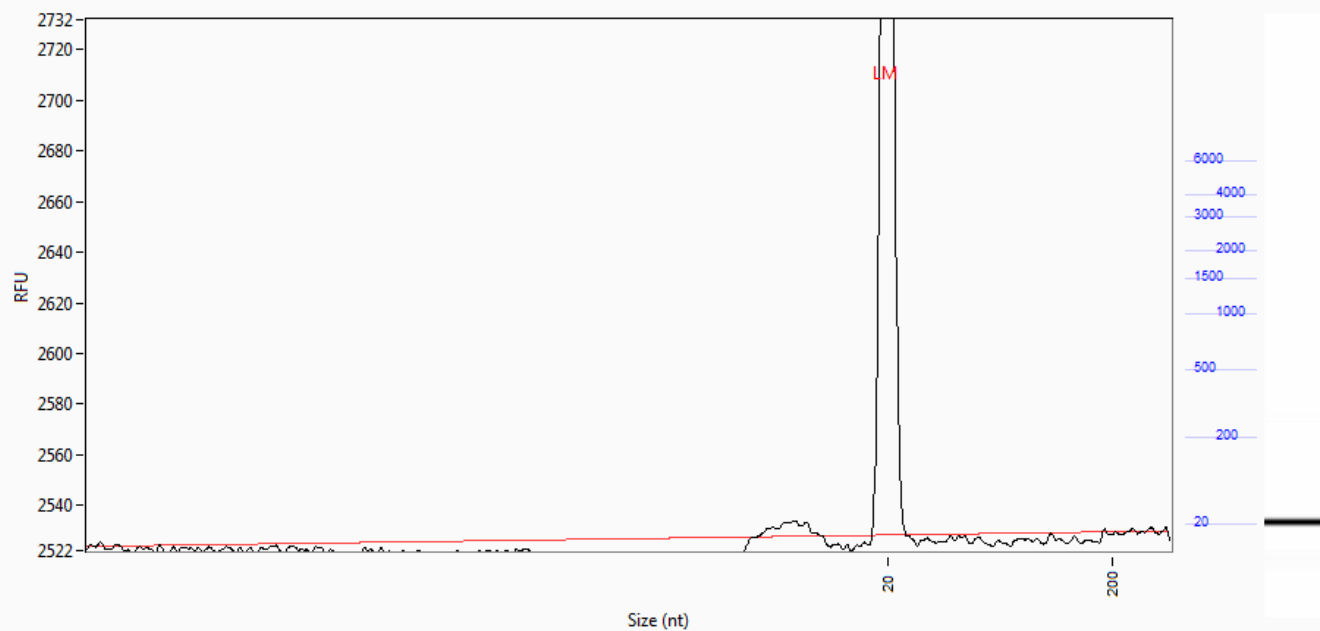
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	612	3.460	22:20
2	1939	24.7806	39.871	273	2.688	31:44
3	2615	85.9945	102.599	264	9.328	32:35
4	3814	21.2221	17.358	186	2.302	33:38
5	5286	79.7029	47.041	510	8.645	34:32
6	6622	90.6064	42.691	251	9.828	35:19
TIC:		302.3065	249.559			
Total Conc.		341.2430				
28S/18S:		1.2				
RQN		10.0				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: A9:**Well Location:** Wednesday, November 06, 2013 11:47:19 AM**Created:** 12

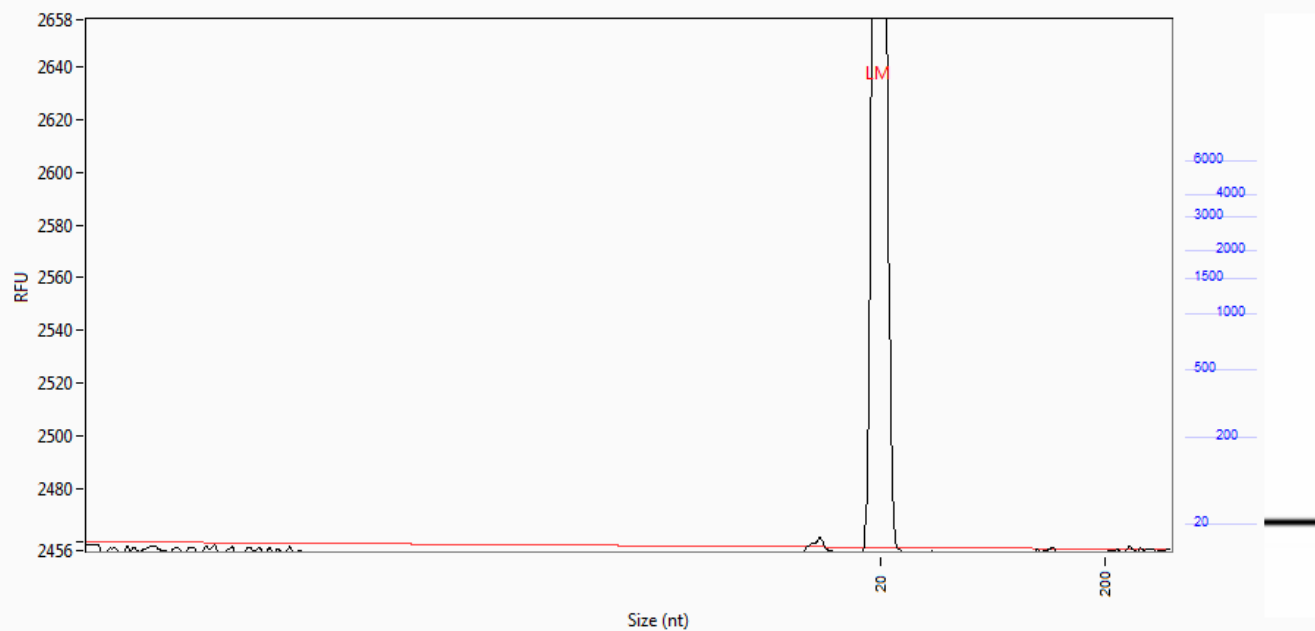
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	586	4.482	22:20
	TIC:	0.0000	0.000			
	Total Conc.	0.0733				
	28S/18S:	0.0				
	RQN	NaN				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: A10:**Well Location:** Wednesday, November 06, 2013 11:47:19 AM**Created:** 12

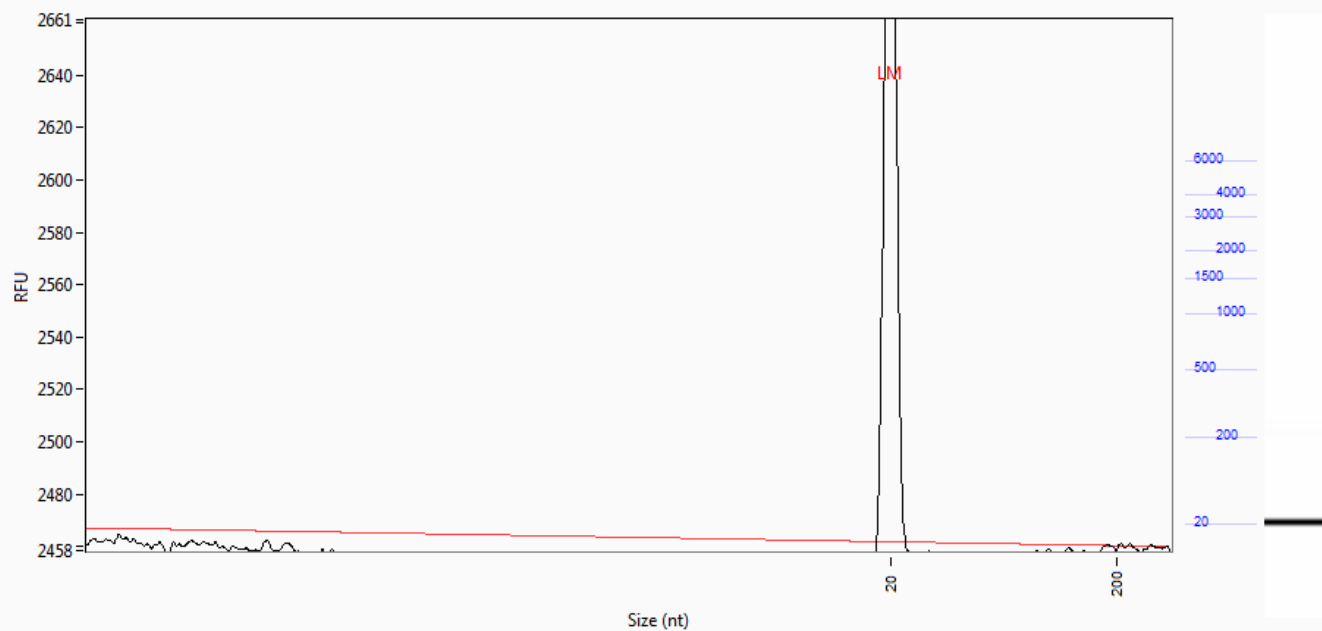
Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	527	4.025	22:20
	TIC:	0.0000	0.000			
	Total Conc.	0.0762				
	28S/18S:	0.0				
	RQN	NaN				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: A11:**Well Location:** Wednesday, November 06, 2013 11:47:19 AM**Created:** 12

Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	648	4.924	22:20
	TIC:	0.0000	0.000			
	Total Conc.	0.0214				
	28S/18S:	0.0				
	RQN	NaN				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N 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
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: A12:**Well Location:** Wednesday, November 06, 2013 11:47:19 AM**Created:** 12

Peak	Size (nt)	Conc. (ng/uL)	Molarity (nmole/L)	Peak Height (RFU)	Corr. Peak Area	Norm. MT (mm:ss)
1	20 (LM)	2.6580	404.629	366	2.722	22:20
	TIC:	0.0000	0.000			
	Total Conc.	0.0443				
	28S/18S:	0.0				
	RQN	NaN				

Sample Peak Width (sec): 6 Sample Min Peak Height: 100 Sample Baseline V to V?: N Sample Baseline V to V pts: 0
 Sample Filter: Binomial # of Pts for Filter: 9 Sample Start Region (min): 0 Sample End Region (min): 40
 Marker Peak Width (sec): 3 Marker Min Peak Height: 100 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 100 RFU Upper Marker Selection: Last Peak > 200 RFU
 Ladder Size (bp): 20, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification Using: Ladder Final Concentration (ng/uL): 8.0000 Dilution Factor: 12.0

Sample: ladder

Well Location: A1

Created: Wednesday, November 06, 2013 11:47:19 AM

Fit Type: Point to Point

Calibration Curve

