

Table 1. Summary Statistics for Females																								
	Treatment																							
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
ALB	20	4.1	0.1	23	4.2	0.1	18	4.1	0.1	21	4.0	0.1	20	4.1	0.1	20	4.1	0.1	20	4.2	0.1	20	4.0	0.1
ALK PHOS	20	96.2	5.1	23	90.9	3.5	18	89.4	3.9	21	97.2	5.1	20	105.6	7.2	20	95.3	5.9	20	86.9	4.5	20	99.4	5.7
ALT	20	36.3	1.6	23	36.0	1.1	18	36.7	1.6	21	36.2	2.1	20	37.7	2.3	20	38.6	2.0	20	35.2	1.8	20	39.3	2.0
AST	20	81.2	2.3	23	81.9	2.7	18	88.2	3.8	21	85.5	2.9	20	88.6	2.2	20	89.6	2.5	20	79.2	2.6	20	89.0	2.4
BUN	20	16.5	0.8	23	16.6	0.7	18	17.1	0.7	21	16.7	0.6	20	16.8	0.7	20	15.8	0.4	20	15.4	0.6	20	16.0	0.8
CHOL	20	99.0	2.5	23	106.3	4.0	18	100.3	4.2	21	98.9	2.1	20	103.1	3.6	20	107.1	4.5	20	101.0	4.3	20	97.3	4.5
CREA	20	0.5	0.0	23	0.5	0.0	18	0.5	0.0	21	0.6	0.0	20	0.5	0.0	20	0.5	0.0	20	0.5	0.0	20	0.5	0.0
GGT	20	2.0	0.3	23	2.6	0.2	18	2.1	0.2	21	2.4	0.5	20	2.4	0.3	20	2.6	0.3	20	2.3	0.3	20	2.6	0.4
GLUC	20	122.2	5.3	23	116.0	3.5	18	125.4	7.5	21	115.9	4.7	20	124.7	6.3	20	120.0	6.3	20	115.1	4.3	20	108.4	4.3
Insulin	20	8.9	1.8	23	7.1	1.0	18	9.2	1.9	21	7.4	1.0	20	7.7	1.2	20	5.7	0.6	20	5.8	0.6	20	7.2	1.5
Leptin	20	2.7	0.4	23	2.6	0.3	18	3.0	0.3	21	2.1	0.2	20	2.3	0.3	20	2.6	0.4	20	2.3	0.2	20	2.1	0.3
SDH	20	39.8	4.0	23	37.3	2.4	18	43.4	3.9	21	46.6	4.5	20	52.2	5.7	20	40.3	4.2	20	43.1	6.0	20	44.6	4.9
T3	20	72.2	3.1	23	76.4	3.0	18	63.9	3.0	21	68.2	1.7	20	71.9	3.6	20	72.3	3.0	20	74.9	4.2	20	67.3	3.1
T4	20	4.9	0.3	23	5.0	0.3	18	4.7	0.2	21	4.5	0.2	20	4.7	0.3	20	4.7	0.3	20	5.0	0.4	20	4.6	0.3
TBA	20	55.9	5.3	23	53.2	5.8	18	54.7	5.3	21	54.1	5.8	20	56.7	6.8	20	50.0	5.0	20	45.3	4.1	20	60.1	6.7
TP	20	7.1	0.1	23	7.3	0.1	18	7.4	0.2	21	7.1	0.1	20	7.1	0.1	20	7.2	0.1	20	7.3	0.1	20	7.0	0.1
TRIG	20	85.2	7.6	23	81.2	7.2	18	76.3	5.1	21	93.7	9.2	20	75.5	5.2	20	83.7	9.5	20	82.5	7.4	20	75.8	5.8
TSH	20	6.1	0.5	23	7.4	0.6	18	6.0	0.6	21	6.3	0.6	20	7.9	0.9	20	7.6	1.0	20	6.5	0.6	20	6.4	0.8

Table 1. Summary Statistics for Females															
	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE ₂ 0.5 (µg/kg)			EE ₂ 5.0 (µg/kg)			Naïve Control		
	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
ALB	20	4.0	0.0	19	4.0	0.1	20	4.4	0.1	20	4.0	0.0	20	4.1	0.1
ALK PHOS	20	110.1	6.6	19	105.1	6.9	20	92.1	9.6	20	126.5	7.0	20	105.2	8.2
ALT	20	37.1	2.1	19	40.9	2.2	20	38.5	1.9	20	45.1	2.9	20	37.8	2.1
AST	20	81.1	2.8	19	87.3	7.7	20	79.3	3.6	20	91.9	6.4	20	86.6	2.5
BUN	20	16.1	0.8	19	17.3	0.6	20	17.6	1.0	20	19.6	0.7	20	17.5	0.5
CHOL	20	83.2	3.9	19	94.3	4.8	20	117.5	6.3	20	82.3	5.0	20	104.9	6.0
CREA	20	0.5	0.0	19	0.5	0.0	20	0.5	0.0	20	0.5	0.0	20	0.5	0.0
GGT	20	2.5	0.4	19	2.6	0.3	20	2.3	0.3	20	2.1	0.2	20	2.5	0.3
GLUC	20	112.5	3.9	19	110.9	4.6	20	121.4	6.2	20	122.5	7.3	20	120.0	6.3
Insulin	20	5.4	0.8	19	4.9	0.6	20	7.8	1.4	20	9.4	1.6	20	7.7	1.7
Leptin	20	1.8	0.2	19	1.2	0.1	20	1.9	0.3	20	2.4	0.4	20	2.5	0.3
SDH	20	50.3	5.8	19	31.3	2.7	20	36.4	2.9	20	60.8	6.4	20	43.2	4.8
T3	20	65.8	2.7	19	74.4	4.2	20	73.3	4.8	20	73.9	4.0	20	68.7	2.7
T4	20	5.2	0.3	19	5.8	0.5	20	3.8	0.2	20	5.4	0.2	20	4.8	0.2
TBA	20	53.6	6.2	19	54.2	8.7	20	53.6	5.9	20	71.3	5.9	20	58.6	6.1
TP	20	7.2	0.1	19	7.0	0.1	20	7.6	0.1	20	7.2	0.1	20	7.1	0.1
TRIG	20	59.8	2.6	19	68.9	7.8	20	102.3	7.9	20	147.8	21.3	20	81.9	10.6
TSH	20	8.7	0.9	19	9.9	1.4	20	10.1	1.1	20	9.9	0.7	20	6.4	0.5

Table 2. Summary Statistics for Males																								
	Treatment																							
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
ALB	20	3.9	0.1	23	3.9	0.1	18	4.0	0.1	21	3.9	0.0	20	4.0	0.0	20	4.0	0.0	20	4.1	0.1	20	3.9	0.1
ALK PHOS	20	150.4	8.7	23	147.9	7.1	18	147.7	8.1	21	140.8	8.0	20	152.3	5.6	20	154.0	6.5	20	152.6	7.6	20	158.2	8.0
ALT	20	41.2	1.5	23	41.9	1.5	18	43.1	1.5	21	43.2	3.0	20	43.4	1.7	20	44.2	1.9	20	42.5	1.6	20	44.1	1.3
AST	20	89.1	2.9	23	89.7	3.8	18	91.8	5.7	21	94.4	9.4	20	90.2	2.4	20	93.6	3.7	20	89.7	3.2	20	90.6	3.5
BUN	20	16.4	0.7	23	16.2	0.7	18	17.9	0.9	21	16.9	0.7	20	16.6	0.7	20	17.1	0.7	20	16.6	0.5	20	16.7	0.7
CHOL	20	77.5	3.8	23	81.0	4.5	18	77.7	3.4	21	86.1	4.3	20	81.1	2.6	20	76.9	5.3	20	85.5	4.2	20	84.1	3.7
CREA	20	0.5	0.0	23	0.5	0.0	18	0.5	0.0	21	0.5	0.0	20	0.5	0.0	20	0.5	0.0	20	0.5	0.0	20	0.4	0.0
GGT	20	2.2	0.3	23	2.3	0.3	18	1.8	0.3	21	2.3	0.4	20	2.0	0.2	20	1.9	0.2	20	1.9	0.2	20	2.5	0.4
GLUC	20	116.3	3.1	23	123.5	6.1	18	113.4	4.3	21	126.9	8.6	20	111.8	4.0	20	117.6	4.6	20	127.1	6.4	20	118.3	5.5
Insulin	20	12.5	3.6	23	10.7	2.0	18	10.4	1.1	21	11.5	0.9	20	9.3	1.1	20	9.7	1.4	20	12.7	1.9	20	9.9	1.2
Leptin	20	3.9	0.4	23	3.7	0.3	18	4.3	0.5	21	4.7	0.4	20	4.5	0.6	20	4.4	0.5	20	4.4	0.3	20	4.6	0.5
SDH	20	33.4	3.1	23	30.9	2.2	18	35.2	3.6	21	41.2	3.3	20	38.3	4.0	20	39.8	3.7	20	34.7	2.5	20	36.8	3.0
T3	20	68.1	3.4	23	73.7	2.9	18	75.4	3.2	21	68.0	3.6	20	69.7	3.7	20	76.0	3.4	20	66.7	3.8	20	73.1	3.6
T4	20	6.6	0.3	23	6.2	0.3	18	6.4	0.3	21	6.9	0.3	20	6.4	0.4	20	6.8	0.4	20	6.5	0.3	20	6.4	0.2
TBA	20	54.2	4.8	23	58.7	5.3	18	60.3	5.7	21	54.4	5.3	20	52.9	5.9	20	63.8	6.7	20	53.9	4.1	20	49.9	4.5
TP	20	7.0	0.1	23	7.1	0.1	18	7.1	0.1	21	7.1	0.1	20	7.1	0.1	20	7.1	0.0	20	7.2	0.1	20	7.1	0.1
TRIG	20	119.0	8.5	23	105.7	8.5	18	118.4	6.3	21	137.2	10.5	20	125.1	14.4	20	125.4	12.7	20	126.8	10.4	20	126.2	10.4
TSH	20	7.6	0.9	23	8.2	0.8	18	8.2	1.0	21	7.8	0.6	20	8.4	0.6	20	7.0	0.6	20	7.8	0.5	20	7.9	1.0

Table 2. Summary Statistics for Males															
	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE ₂ 0.5 (µg/kg)			EE ₂ 5.0 (µg/kg)			Naïve Control		
	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
ALB	20	3.8	0.0	18	3.7	0.1	20	3.9	0.1	20	3.9	0.0	20	3.9	0.1
ALK PHOS	20	150.4	7.4	18	145.3	8.0	20	130.0	5.6	20	140.7	6.1	20	148.1	6.8
ALT	20	44.5	2.2	18	45.3	1.9	20	41.6	1.3	20	41.2	1.3	20	42.9	2.4
AST	20	89.6	2.5	18	95.2	4.9	20	92.9	3.7	20	91.1	4.2	20	83.7	2.4
BUN	20	15.7	0.8	18	15.4	0.6	20	15.4	0.6	20	16.7	0.8	20	16.8	0.9
CHOL	20	65.3	2.9	18	61.2	3.9	20	69.3	4.4	20	65.1	3.3	20	83.5	5.0
CREA	20	0.5	0.0	18	0.5	0.0	20	0.5	0.0	20	0.6	0.0	20	0.5	0.0
GGT	20	2.2	0.2	18	3.3	0.4	20	2.2	0.2	20	2.0	0.2	20	2.0	0.2
GLUC	20	107.6	4.0	18	111.4	3.7	20	110.0	3.3	20	120.9	5.0	20	110.8	2.9
Insulin	20	7.3	0.7	18	8.7	0.8	20	7.9	0.7	20	10.7	2.0	20	10.5	1.0
Leptin	20	3.2	0.2	18	2.6	0.3	20	3.6	0.4	20	3.3	0.3	20	4.1	0.4
SDH	20	35.9	3.6	18	37.5	4.0	20	38.2	3.6	20	34.3	2.9	20	31.9	2.7
T3	20	73.1	4.1	18	74.4	3.9	20	71.9	3.4	20	80.5	3.0	20	75.9	3.7
T4	20	7.2	0.3	18	7.8	0.3	20	6.7	0.3	20	7.2	0.3	20	6.4	0.2
TBA	20	44.7	4.8	18	40.5	2.7	20	57.1	5.2	20	55.3	5.1	20	49.1	4.0
TP	20	6.9	0.1	18	6.8	0.1	20	7.1	0.1	20	7.2	0.1	20	7.1	0.1
TRIG	20	120.6	7.9	18	138.2	15.3	20	129.1	11.5	20	142.1	13.2	20	130.7	10.5
TSH	20	7.9	0.6	18	6.9	0.6	20	7.1	0.5	20	9.2	1.0	20	8.0	0.7

Table 3. Nonparametric Statistics for Females																								
	Treatment																							
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max
ALB	4.1	3.6	4.7	4.2	3.7	4.7	4.2	3.7	4.6	4.1	2.1	4.7	4.1	3.5	4.6	4.1	3.6	5.1	4.2	3.8	4.6	4.1	3.4	4.7
ALK PHOS	92.0	50.0	135.0	86.0	69.0	131.0	85.5	68.0	121.0	93.0	63.0	167.0	100.0	62.0	174.0	90.0	50.0	156.0	85.5	56.0	127.0	93.5	58.0	162.0
ALT	35.0	25.0	51.0	35.0	27.0	51.0	35.5	30.0	55.0	33.0	23.0	59.0	36.0	23.0	58.0	38.0	23.0	57.0	33.0	23.0	54.0	36.0	27.0	67.0
AST	79.0	64.0	111.0	82.0	61.0	118.0	81.5	71.0	129.0	86.0	62.0	111.0	88.5	73.0	114.0	89.5	68.0	108.0	79.5	62.0	105.0	87.0	66.0	106.0
BUN	16.5	8.0	25.0	16.0	11.0	25.0	17.0	11.0	23.0	17.0	12.0	25.0	16.0	13.0	23.0	15.5	13.0	19.0	15.0	12.0	23.0	15.5	11.0	25.0
CHOL	98.5	78.0	122.0	107.0	78.0	163.0	95.5	72.0	131.0	98.0	79.0	119.0	104.0	71.0	139.0	107.0	62.0	151.0	99.0	76.0	147.0	95.0	60.0	130.0
CREA	0.5	0.3	0.7	0.5	0.3	0.8	0.5	0.5	0.8	0.6	0.4	0.7	0.5	0.3	0.8	0.5	0.3	0.9	0.5	0.2	0.7	0.5	0.3	0.7
GGT	1.5	1.0	5.0	3.0	1.0	4.0	2.0	1.0	4.0	2.0	1.0	9.0	2.0	1.0	6.0	2.5	1.0	5.0	2.0	1.0	6.0	2.5	1.0	7.0
GLUC	122.5	90.0	171.0	114.0	86.0	150.0	124.5	84.0	217.0	109.0	86.0	169.0	118.0	87.0	204.0	122.5	74.0	199.0	113.5	90.0	170.0	106.0	82.0	163.0
Insulin	6.1	0.7	36.0	6.1	2.1	21.6	6.4	2.8	30.7	6.4	2.4	21.1	5.9	1.1	21.6	4.8	2.2	12.0	5.1	2.1	10.8	4.8	2.1	30.4
Leptin	2.0	0.8	7.3	2.6	1.2	6.1	3.4	1.3	5.8	1.9	1.0	4.7	2.3	0.1	4.9	2.1	0.4	7.8	2.3	1.1	4.7	1.8	0.4	6.5
SDH	40.9	10.9	76.8	35.9	19.8	61.4	41.4	19.4	77.5	37.7	22.8	84.6	42.8	16.1	108.9	36.3	16.3	90.6	35.0	12.1	117.9	38.9	18.7	115.4
T3	68.2	54.3	108.4	75.5	47.5	110.2	61.5	46.4	87.0	69.8	47.2	82.5	74.2	37.0	115.5	68.8	54.8	104.8	71.1	48.9	110.1	62.0	48.7	95.2
T4	5.0	2.1	6.9	4.7	3.2	7.2	4.6	3.3	6.8	4.5	2.8	6.9	4.4	3.1	8.0	4.3	2.6	7.9	4.8	2.5	9.4	4.5	2.3	7.2
TBA	48.1	23.0	107.9	43.9	22.7	110.0	46.5	24.2	98.7	42.3	21.6	121.8	50.9	18.9	126.8	41.4	21.2	103.9	39.6	23.9	91.6	57.5	20.8	116.4
TP	7.2	5.3	8.3	7.2	5.7	8.1	7.4	6.6	9.4	7.2	6.2	7.9	7.2	6.3	8.4	7.2	6.5	8.2	7.2	6.4	8.2	7.0	6.4	7.9
TRIG	88.5	38.0	189.0	64.0	40.0	143.0	73.0	46.0	117.0	84.0	47.0	206.0	71.0	53.0	146.0	68.0	39.0	194.0	72.5	43.0	183.0	71.5	40.0	131.0
TSH	5.2	3.4	10.6	6.4	3.7	15.1	6.3	2.0	11.4	5.5	2.7	12.7	6.9	3.2	15.8	6.6	3.4	21.3	5.8	2.9	13.1	5.3	4.2	20.4

Table 3. Nonparametric Statistics for Females															
	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE ₂ 0.5 (µg/kg)			EE ₂ 5.0 (µg/kg)			Naïve Control		
	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max
ALB	4.0	3.7	4.4	4.1	3.4	4.7	4.5	3.8	5.3	4.1	3.6	4.4	4.2	3.4	4.5
ALK PHOS	117.5	67.0	151.0	103.0	60.0	175.0	80.0	43.0	169.0	124.5	84.0	191.0	98.0	72.0	249.0
ALT	38.0	10.0	50.0	37.0	29.0	66.0	36.5	26.0	55.0	41.0	33.0	84.0	36.0	23.0	59.0
AST	78.5	60.0	104.0	78.0	64.0	215.0	75.5	59.0	123.0	84.0	64.0	182.0	85.0	68.0	109.0
BUN	15.0	12.0	23.0	18.0	12.0	21.0	17.0	11.0	27.0	19.5	14.0	26.0	17.5	13.0	22.0
CHOL	83.0	45.0	114.0	93.0	61.0	152.0	113.5	54.0	166.0	80.0	53.0	145.0	97.5	69.0	199.0
CREA	0.5	0.3	0.6	0.5	0.3	0.6	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.4	0.7
GGT	2.0	1.0	6.0	2.0	1.0	5.0	2.0	1.0	7.0	2.0	1.0	4.0	3.0	1.0	5.0
GLUC	113.0	78.0	142.0	106.0	80.0	141.0	119.0	66.0	199.0	118.5	82.0	220.0	117.5	87.0	211.0
Insulin	4.1	1.0	16.5	4.6	1.2	9.5	5.1	1.2	24.3	6.6	2.3	28.4	6.3	2.1	37.1
Leptin	1.5	0.3	4.3	1.1	0.5	2.2	1.4	0.5	4.9	2.4	0.3	5.3	2.7	0.4	4.9
SDH	41.0	18.9	105.9	31.2	10.6	48.6	33.0	14.3	64.6	51.8	27.7	127.2	37.1	18.6	103.7
T3	66.7	44.7	82.5	74.8	34.7	111.1	71.9	40.3	125.4	69.5	45.0	127.5	66.8	45.2	93.1
T4	5.3	2.8	7.5	5.0	3.0	10.1	3.6	2.2	6.0	5.8	3.8	7.0	4.5	3.3	6.6
TBA	43.0	18.2	115.9	37.0	23.7	147.9	48.6	20.2	100.8	66.6	33.7	136.0	53.4	22.8	118.2
TP	7.2	6.2	8.1	7.0	6.4	7.6	7.6	6.6	8.6	7.2	6.5	8.1	7.2	6.4	7.6
TRIG	63.0	43.0	77.0	61.0	31.0	191.0	93.0	62.0	173.0	109.0	49.0	377.0	64.5	38.0	238.0
TSH	8.2	3.7	21.3	8.3	3.8	26.8	9.6	3.6	21.4	10.0	5.3	18.2	6.2	3.4	11.9

Table 4. Nonparametric Statistics for Males

	Treatment																							
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max
ALB	4.0	3.5	4.3	3.8	3.6	5.0	4.0	3.6	4.5	3.9	3.6	4.3	4.0	3.7	4.2	3.9	3.6	4.3	4.0	3.5	4.5	3.9	3.3	4.4
ALK PHOS	151.0	89.0	208.0	147.0	63.0	234.0	138.5	94.0	210.0	134.0	95.0	253.0	162.5	109.0	190.0	146.5	113.0	215.0	152.0	81.0	206.0	149.0	104.0	265.0
ALT	42.0	31.0	55.0	41.0	31.0	60.0	41.5	32.0	54.0	43.0	10.0	71.0	40.5	34.0	56.0	44.5	29.0	62.0	41.5	30.0	54.0	44.5	31.0	54.0
AST	89.0	67.0	121.0	84.0	72.0	148.0	89.0	70.0	178.0	87.0	22.0	263.0	90.5	64.0	119.0	90.5	74.0	136.0	86.0	67.0	115.0	89.5	68.0	124.0
BUN	17.0	10.0	20.0	15.0	11.0	25.0	18.0	11.0	28.0	17.0	11.0	22.0	16.5	11.0	22.0	16.5	12.0	24.0	16.0	13.0	22.0	16.5	13.0	23.0
CHOL	76.5	43.0	108.0	74.0	54.0	151.0	74.0	58.0	103.0	80.0	56.0	142.0	84.5	49.0	97.0	71.0	46.0	142.0	86.5	55.0	115.0	84.5	61.0	123.0
CREA	0.5	0.2	0.7	0.5	0.2	0.6	0.5	0.2	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.4	0.7	0.5	0.3	0.6	0.4	0.3	0.6
GGT	2.0	1.0	4.0	2.0	1.0	7.0	1.0	1.0	5.0	2.0	1.0	7.0	2.0	1.0	4.0	2.0	1.0	4.0	2.0	1.0	4.0	2.0	1.0	8.0
GLUC	115.5	89.0	141.0	118.0	88.0	218.0	113.5	84.0	144.0	120.0	92.0	281.0	108.5	86.0	172.0	114.0	92.0	191.0	119.5	101.0	200.0	117.0	83.0	201.0
Insulin	7.8	3.5	78.4	7.9	3.0	51.2	9.7	3.7	24.5	10.4	3.0	17.7	7.7	3.4	26.3	8.0	3.1	29.0	9.5	5.6	40.0	8.6	1.2	21.4
Leptin	3.6	1.4	10.6	3.7	0.8	6.9	3.8	2.0	9.9	4.4	1.9	8.3	3.8	0.7	13.4	4.0	1.1	8.4	4.0	2.3	8.2	4.5	0.3	9.9
SDH	29.2	12.2	62.4	31.4	11.0	58.2	31.5	18.9	86.2	37.2	20.6	82.0	32.0	18.4	75.0	34.2	15.3	76.6	33.2	18.5	63.7	34.2	20.4	80.1
T3	65.5	47.4	106.7	76.1	47.9	97.9	78.4	43.2	101.1	69.4	33.2	100.7	69.4	47.0	110.2	79.7	43.1	101.1	69.1	35.2	98.5	67.1	52.5	104.8
T4	6.6	4.0	8.9	5.6	3.2	9.3	6.6	4.1	8.1	6.7	4.1	10.7	6.2	3.9	12.1	6.7	4.1	9.4	6.5	4.9	9.3	6.6	4.3	8.6
TBA	44.8	23.9	97.6	51.6	30.4	114.9	55.0	25.3	105.8	47.1	30.9	114.7	50.2	24.1	127.3	55.8	25.3	134.7	51.5	27.1	101.7	43.6	22.9	99.8
TP	7.1	6.1	7.6	7.1	6.6	7.9	7.1	6.6	8.1	7.1	6.3	8.1	7.1	6.1	7.5	7.1	6.6	7.6	7.2	6.1	7.7	7.2	6.3	7.8
TRIG	119.0	55.0	201.0	109.0	41.0	195.0	112.0	88.0	177.0	145.0	65.0	217.0	115.0	44.0	327.0	119.5	59.0	272.0	119.5	48.0	222.0	114.5	40.0	233.0
TSH	7.3	2.8	21.5	7.3	2.8	19.7	7.7	2.6	21.1	7.5	4.0	16.4	8.1	3.4	15.0	6.2	3.0	15.2	7.6	3.4	12.1	7.5	2.9	25.4

Table 4. Nonparametric Statistics for Males															
	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE ₂ 0.5 (µg/kg)			EE ₂ 5.0 (µg/kg)			Naïve Control		
	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max	Median	Min	Max
ALB	3.9	3.6	4.1	3.8	2.6	4.2	3.9	3.6	4.5	3.9	3.7	4.5	3.9	3.4	4.4
ALK PHOS	151.0	98.0	251.0	142.5	100.0	240.0	128.0	95.0	203.0	136.0	103.0	201.0	143.5	97.0	212.0
ALT	43.0	28.0	67.0	47.5	30.0	59.0	42.5	31.0	50.0	41.0	30.0	49.0	41.0	28.0	70.0
AST	90.5	65.0	107.0	88.0	69.0	151.0	91.5	67.0	144.0	86.0	61.0	130.0	84.5	63.0	107.0
BUN	15.0	10.0	27.0	15.0	10.0	19.0	15.5	12.0	21.0	16.0	7.0	25.0	16.5	12.0	27.0
CHOL	64.5	46.0	96.0	59.5	34.0	95.0	67.5	38.0	107.0	63.5	38.0	89.0	84.0	48.0	125.0
CREA	0.5	0.2	1.0	0.5	0.3	0.7	0.5	0.4	0.7	0.5	0.4	0.8	0.5	0.3	0.6
GGT	2.0	1.0	5.0	3.0	1.0	8.0	2.0	1.0	4.0	2.0	1.0	3.0	2.0	1.0	5.0
GLUC	104.5	88.0	170.0	113.5	82.0	137.0	107.5	86.0	140.0	114.5	88.0	170.0	108.0	94.0	144.0
Insulin	7.0	2.2	12.6	8.1	3.6	15.9	7.9	2.8	16.6	8.7	3.0	39.4	10.9	3.4	17.8
Leptin	3.3	1.2	5.5	2.5	1.1	5.9	3.2	1.0	8.2	3.2	0.6	7.2	3.6	2.2	9.0
SDH	32.4	13.7	76.0	33.7	20.3	91.7	33.1	15.6	72.8	29.5	16.5	63.1	31.8	10.7	52.5
T3	68.7	41.7	116.0	78.5	43.4	101.8	71.7	47.7	104.6	84.3	59.4	101.8	75.1	50.2	105.5
T4	6.7	4.6	10.9	8.2	4.9	10.0	7.0	4.4	8.5	7.0	4.2	10.6	6.5	4.9	8.5
TBA	39.6	25.4	117.6	36.2	23.9	56.8	54.6	26.8	107.3	54.2	25.8	125.9	46.4	27.4	90.3
TP	7.0	4.5	7.5	6.9	5.8	7.4	7.1	6.5	8.1	7.2	6.7	7.7	7.1	6.2	8.1
TRIG	108.0	76.0	193.0	116.0	66.0	362.0	110.0	59.0	240.0	133.0	69.0	302.0	125.5	59.0	254.0
TSH	6.9	3.4	14.1	6.2	2.3	12.7	6.4	3.7	13.1	8.7	3.9	19.6	7.1	3.5	14.5

Table 5. Female Percent Treatment Median of Vehicle Control												
	Treatment											
	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE ₂ 0.5 (µg/kg)	EE ₂ 5.0 (µg/kg)	Naïve Control
ALB	102.4	101.2	100.0	98.8	98.8	101.2	100.0	97.6	100.0	109.8	100.0	102.4
ALK PHOS	93.5	92.9	101.1	108.7	97.8	92.9	101.6	127.7	112.0	87.0	135.3	106.5
ALT	100.0	101.4	94.3	102.9	108.6	94.3	102.9	108.6	105.7	104.3	117.1	102.9
AST	103.8	103.2	108.9	112.0	113.3	100.6	110.1	99.4	98.7	95.6	106.3	107.6
BUN	97.0	103.0	103.0	97.0	93.9	90.9	93.9	90.9	109.1	103.0	118.2	106.1
CHOL	108.6	97.0	99.5	105.6	108.6	100.5	96.4	84.3	94.4	115.2	81.2	99.0
CREA	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GGT	200.0	133.3	133.3	133.3	166.7	133.3	166.7	133.3	133.3	133.3	133.3	200.0
GLUC	93.1	101.6	89.0	96.3	100.0	92.7	86.5	92.2	86.5	97.1	96.7	95.9
Insulin	101.0	105.5	106.0	97.6	78.7	84.4	79.1	67.5	75.4	84.6	108.2	104.5
Leptin	125.9	164.8	90.7	110.8	104.9	111.7	86.6	75.1	55.7	69.9	117.7	129.7
SDH	87.9	101.2	92.3	104.7	88.9	85.7	95.1	100.2	76.4	80.7	126.7	90.8
T3	110.7	90.3	102.3	108.8	101.0	104.3	90.9	97.9	109.7	105.5	102.0	98.0
T4	94.1	91.4	89.6	87.7	86.4	95.6	90.8	105.7	100.1	72.9	115.1	89.7
TBA	91.4	96.7	88.0	105.9	86.2	82.4	119.6	89.4	77.0	101.1	138.6	111.1
TP	100.0	102.1	100.0	99.3	100.0	100.0	96.5	100.0	97.2	105.6	99.3	100.0
TRIG	72.3	82.5	94.9	80.2	76.8	81.9	80.8	71.2	68.9	105.1	123.2	72.9
TSH	121.3	119.8	105.2	132.2	126.4	109.6	101.1	155.9	158.5	182.2	189.9	117.9

Table 6. Male Percent Treatment Median of Vehicle Control												
	Treatment											
	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE ₂ 0.5 (µg/kg)	EE ₂ 5.0 (µg/kg)	Naïve Control
ALB	95.0	100.0	97.5	100.0	97.5	100.0	97.5	97.5	95.0	97.5	97.5	97.5
ALK PHOS	97.4	91.7	88.7	107.6	97.0	100.7	98.7	100.0	94.4	84.8	90.1	95.0
ALT	97.6	98.8	102.4	96.4	106.0	98.8	106.0	102.4	113.1	101.2	97.6	97.6
AST	94.4	100.0	97.8	101.7	101.7	96.6	100.6	101.7	98.9	102.8	96.6	94.9
BUN	88.2	105.9	100.0	97.1	97.1	94.1	97.1	88.2	88.2	91.2	94.1	97.1
CHOL	96.7	96.7	104.6	110.5	92.8	113.1	110.5	84.3	77.8	88.2	83.0	109.8
CREA	100.0	100.0	100.0	100.0	100.0	100.0	80.0	100.0	100.0	100.0	100.0	100.0
GGT	100.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	150.0	100.0	100.0	100.0
GLUC	102.2	98.3	103.9	93.9	98.7	103.5	101.3	90.5	98.3	93.1	99.1	93.5
Insulin	101.8	124.3	133.1	98.7	102.2	121.6	109.7	90.3	103.7	101.2	111.3	140.3
Leptin	101.5	104.3	122.0	104.3	109.8	111.2	124.9	90.4	69.9	87.9	87.6	100.0
SDH	107.5	107.9	127.4	109.6	117.1	113.5	117.1	111.0	115.2	113.4	101.0	108.9
T3	116.2	119.6	105.9	105.9	121.7	105.4	102.3	104.8	119.7	109.5	128.5	114.6
T4	85.0	99.7	102.3	94.4	102.1	99.2	99.7	102.3	125.0	106.7	106.8	98.8
TBA	115.3	122.8	105.3	112.1	124.6	115.0	97.3	88.5	80.8	122.0	121.1	103.6
TP	100.7	100.0	100.7	100.0	100.7	102.1	102.1	99.3	97.9	100.7	102.1	100.7
TRIG	91.6	94.1	121.8	96.6	100.4	100.4	96.2	90.8	97.5	92.4	111.8	105.5
TSH	100.5	106.6	103.0	111.8	86.1	104.4	103.1	94.9	84.7	87.9	119.5	98.1

Table 7. ANOVA for Females				
	NumDF	DenDF	FValue	ProbF
ALB	11.723	239.753	1.782	0.053
ALK PHOS	10.533	213.617	2.849	0.002
ALT	11.337	231.812	1.441	0.153
AST	11.519	234.103	2.344	0.008
BUN	11.255	229.769	2.302	0.010
CHOL	11.342	230.210	4.497	0.000
CREA	11.316	232.711	1.331	0.206
GGT	11.417	232.540	0.701	0.742
GLUC	11.580	234.490	0.843	0.603
Insulin	11.514	235.659	1.157	0.317
Leptin	10.612	216.064	3.099	0.001
SDH	11.491	234.558	2.059	0.022
T3	11.192	226.658	1.219	0.274
T4	11.215	228.793	2.449	0.006
TBA	11.346	231.252	1.240	0.260
TP	11.757	239.263	1.644	0.082
TRIG	11.191	231.083	3.806	0.000
TSH	<u>11.459</u>	<u>234.297</u>	<u>3.891</u>	<u>0.000</u>

Table 8. Pairwise Comparisons (P-Values) to the Vehicle Group for Females ¹								
	Vehicle	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)
ALB	0.541	0.970	1.000	0.996	0.999	0.969	0.991	0.985
ALK PHOS	0.721	0.883	0.758	1.000	0.986	0.998	0.482	1.000
ALT	0.317	1.000	1.000	1.000	0.999	0.924	0.984	0.853
AST	0.126	1.000	0.666	0.736	0.062	0.055	0.996	0.050
BUN	0.231	1.000	0.986	1.000	1.000	0.898	0.654	0.977
CHOL	0.287	0.731	1.000	1.000	0.966	0.574	1.000	0.997
CREA	0.397	0.641	0.396	0.055	0.910	1.000	0.968	0.999
GGT	0.588	0.160	0.997	1.000	0.764	0.406	0.976	0.701
GLUC	0.013	0.965	1.000	0.910	1.000	1.000	0.821	0.189
Insulin	0.219	0.996	1.000	1.000	1.000	0.669	0.802	0.825
Leptin	0.139	1.000	0.601	0.729	0.983	0.997	1.000	0.705
SDH	0.952	0.991	0.996	0.986	0.686	1.000	1.000	1.000
T3	0.384	0.638	0.401	0.993	1.000	1.000	0.996	0.892
T4	0.774	1.000	0.953	0.516	0.842	0.926	0.999	0.898
TBA	0.720	0.976	1.000	0.996	1.000	0.894	0.449	1.000
TP	0.056	0.961	0.932	1.000	1.000	1.000	0.965	0.649
TRIG	0.589	0.967	0.988	1.000	0.953	0.983	1.000	0.941
TSH	0.326	0.557	1.000	1.000	0.569	0.816	0.994	1.000

¹ All p-values are relative to the control group, except p-values for the linear trend presented under the control group.

Table 8. Pairwise Comparisons (P-Values) to the Vehicle Group for Females					
	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE ₂ 0.5 (µg/kg)	EE ₂ 5.0 (µg/kg)	Naïve Control
ALB	0.317	0.485	0.051	0.729	0.965
ALK PHOS	0.403	0.693	0.605	0.001	0.478
ALT	0.698	0.236	0.723	0.005	0.622
AST	1.000	0.996	0.692	0.383	0.118
BUN	0.829	0.514	0.780	0.008	0.182
CHOL	0.002	0.444	0.025	0.002	0.689
CREA	0.835	0.844	0.916	0.206	0.212
GGT	0.772	0.291	0.738	0.888	0.134
GLUC	0.380	0.291	0.998	0.909	0.533
Insulin	0.147	0.085	0.788	0.873	0.642
Leptin	0.080	0.000	0.181	0.727	0.843
SDH	0.650	0.206	0.543	0.029	0.980
T3	0.494	0.634	0.970	0.886	0.549
T4	0.731	0.664	0.003	0.250	0.533
TBA	0.769	0.416	0.804	0.065	0.852
TP	0.998	0.464	0.045	0.999	0.974
TRIG	0.003	0.086	0.106	0.054	0.329
TSH	0.028	0.012	0.001	0.000	0.672

Table 9. Pairwise Comparisons (Unadjusted P-Values) to the Vehicle Group for Females							
	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)
ALB	0.475	0.874	0.625	0.704	0.474	0.568	0.531
ALK PHOS	0.341	0.248	0.939	0.537	0.644	0.126	0.875
ALT	0.974	0.921	0.751	0.681	0.389	0.527	0.315
AST	0.958	0.200	0.236	0.011	0.010	0.618	0.009
BUN	0.975	0.538	0.838	0.936	0.357	0.195	0.499
CHOL	0.233	0.928	0.960	0.466	0.161	0.883	0.638
CREA	0.189	0.098	0.010	0.371	0.734	0.472	0.679
GGT	0.033	0.629	0.735	0.252	0.101	0.495	0.217
GLUC	0.462	0.923	0.371	0.894	0.779	0.290	0.040
Insulin	0.620	0.877	0.914	0.806	0.202	0.276	0.292
Leptin	0.847	0.172	0.232	0.523	0.627	0.853	0.220
SDH	0.568	0.619	0.534	0.210	0.759	0.798	0.735
T3	0.188	0.099	0.581	0.772	0.869	0.612	0.351
T4	0.970	0.435	0.138	0.305	0.392	0.715	0.357
TBA	0.495	0.864	0.618	0.778	0.352	0.115	0.909
TP	0.454	0.400	0.946	0.740	0.927	0.463	0.192
TRIG	0.468	0.549	0.802	0.435	0.522	0.795	0.415
TSH	0.154	0.826	0.833	0.158	0.286	0.596	0.961

Table 9. Pairwise Comparisons (Unadjusted P-Values) to the Vehicle Group for Females					
	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE ₂ 0.5 (µg/kg)	EE ₂ 5.0 (µg/kg)	Naïve Control
ALB	0.189	0.305	0.028	0.506	0.965
ALK PHOS	0.247	0.473	0.397	0.001	0.478
ALT	0.477	0.137	0.500	0.003	0.622
AST	0.997	0.941	0.471	0.233	0.118
BUN	0.610	0.327	0.556	0.004	0.182
CHOL	0.001	0.275	0.013	0.001	0.689
CREA	0.618	0.628	0.728	0.119	0.212
GGT	0.548	0.173	0.515	0.686	0.134
GLUC	0.231	0.172	0.963	0.717	0.533
Insulin	0.083	0.047	0.565	0.665	0.642
Leptin	0.044	0.000	0.104	0.504	0.843
SDH	0.435	0.119	0.348	0.015	0.980
T3	0.312	0.421	0.839	0.684	0.549
T4	0.507	0.447	0.001	0.146	0.533
TBA	0.545	0.256	0.582	0.035	0.852
TP	0.956	0.290	0.024	0.971	0.974
TRIG	0.002	0.048	0.059	0.029	0.329
TSH	0.015	0.006	0.001	0.000	0.672

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Table 10. ANOVA for Males				
	NumDF	DenDF	FValue	ProbF
ALB	11.169	225.555	2.127	0.019
ALK PHOS	11.502	232.738	1.252	0.251
ALT	11.482	234.108	0.591	0.842
AST	11.648	236.532	0.552	0.874
BUN	11.666	237.963	1.018	0.433
CHOL	11.368	230.651	4.814	0.000
CREA	11.262	226.550	3.097	0.001
GGT	11.658	236.342	1.465	0.141
GLUC	11.641	234.820	1.580	0.101
Insulin	11.546	236.376	1.524	0.119
Leptin	11.371	230.878	2.916	0.001
SDH	11.623	236.640	0.717	0.730
T3	11.787	239.510	1.314	0.212
T4	11.520	236.897	2.117	0.018
TBA	11.695	238.777	1.666	0.077
TP	11.224	227.991	1.210	0.280
TRIG	11.706	241.047	0.661	0.784
TSH	<u>11.824</u>	<u>240.018</u>	<u>0.902</u>	<u>0.545</u>

Table 11. Pairwise Comparisons (P-Values) to the Vehicle Group ¹ for Males ¹								
	Vehicle	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)
ALB	0.829	1.000	0.973	1.000	0.630	0.979	0.266	1.000
ALK PHOS	0.212	1.000	0.999	0.832	0.999	1.000	1.000	0.993
ALT	0.233	1.000	0.907	0.986	0.932	0.730	0.990	0.446
AST	0.964	0.993	1.000	1.000	0.998	0.996	1.000	1.000
BUN	0.828	0.987	0.833	0.998	1.000	0.993	1.000	1.000
CHOL	0.209	1.000	1.000	0.634	0.816	0.964	0.714	0.772
CREA	0.005	1.000	0.610	0.780	0.935	0.109	0.718	0.524
GGT	0.387	1.000	0.725	1.000	0.999	0.987	0.963	1.000
GLUC	0.952	1.000	0.986	0.997	0.488	1.000	0.965	0.999
Insulin	0.941	1.000	0.836	0.173	1.000	1.000	0.379	0.999
Leptin	0.304	1.000	0.998	0.412	0.986	0.934	0.590	0.665
SDH	0.592	1.000	0.999	0.288	0.975	0.625	0.989	0.862
T3	0.972	0.510	0.204	1.000	1.000	0.228	1.000	0.872
T4	0.694	0.850	1.000	0.988	0.910	0.997	1.000	0.992
TBA	0.312	0.999	0.976	1.000	0.995	0.930	1.000	0.978
TP	0.682	0.997	0.997	0.998	1.000	0.991	0.442	0.997
TRIG	0.541	0.813	1.000	0.871	1.000	1.000	0.999	1.000
TSH	0.707	0.986	0.977	0.992	0.621	0.991	0.949	1.000

¹ All p-values are relative to the control group, except p-values for the linear trend presented under the control group.

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Table 11. Pairwise Comparisons (P-Values) to the Vehicle Group ^a for Males					
	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE ₂ 0.5 (µg/kg)	EE ₂ 5.0 (µg/kg)	Naïve Control
ALB	0.496	0.104	0.999	0.999	0.944
ALK PHOS	1.000	0.746	0.061	0.553	0.852
ALT	0.459	0.149	0.921	0.991	0.845
AST	0.956	0.839	0.785	0.984	0.142
BUN	0.410	0.426	0.331	0.924	0.944
CHOL	0.017	0.006	0.280	0.031	0.490
CREA	0.616	0.026	0.083	0.000	0.605
GGT	0.998	0.063	0.998	0.984	0.500
GLUC	0.025	0.594	0.286	0.994	0.145
Insulin	0.434	0.991	0.703	1.000	0.286
Leptin	0.329	0.009	0.749	0.564	0.628
SDH	0.874	0.632	0.599	0.966	0.949
T3	0.527	0.260	0.501	0.005	0.106
T4	0.458	0.013	0.872	0.284	0.729
TBA	0.092	0.041	0.895	0.974	0.434
TP	0.603	0.288	0.886	0.326	0.459
TRIG	1.000	0.634	0.959	0.466	0.533
TSH	0.821	0.785	0.923	0.244	0.581

Table 12. Pairwise Comparisons (Unadjusted P-Values) to the Vehicle Group ¹ for Males							
	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)
ALB	0.768	0.486	0.984	0.184	0.506	0.060	0.790
ALK PHOS	0.885	0.706	0.297	0.698	0.793	0.806	0.583
ALT	0.803	0.368	0.538	0.400	0.233	0.563	0.114
AST	0.583	0.758	0.891	0.658	0.626	0.889	0.974
BUN	0.540	0.298	0.664	0.957	0.580	0.860	0.949
CHOL	0.910	0.989	0.186	0.286	0.460	0.224	0.257
CREA	0.929	0.176	0.262	0.405	0.021	0.226	0.141
GGT	0.917	0.230	0.910	0.678	0.542	0.459	0.768
GLUC	0.825	0.534	0.638	0.129	0.792	0.464	0.719
Insulin	0.965	0.301	0.036	0.974	0.964	0.093	0.682
Leptin	0.955	0.649	0.103	0.535	0.404	0.167	0.200
SDH	0.774	0.720	0.066	0.490	0.182	0.553	0.322
T3	0.136	0.044	0.757	0.735	0.050	0.766	0.331
T4	0.312	0.741	0.545	0.371	0.634	0.830	0.572
TBA	0.719	0.496	0.815	0.611	0.397	0.834	0.503
TP	0.644	0.631	0.660	0.827	0.570	0.113	0.635
TRIG	0.284	0.972	0.330	0.772	0.980	0.683	0.735
TSH	0.535	0.499	0.578	0.180	0.567	0.429	0.870

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Table 12. Pairwise Comparisons (Unadjusted P-Values) to the Vehicle Group ¹ for Males					
	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE ₂ 0.5 (µg/kg)	EE ₂ 5.0 (µg/kg)	Naïve Control
ALB	0.496	0.104	0.999	0.999	0.944
ALK PHOS	1.000	0.746	0.061	0.553	0.852
ALT	0.459	0.149	0.921	0.991	0.845
AST	0.956	0.839	0.785	0.984	0.142
BUN	0.410	0.426	0.331	0.924	0.944
CHOL	0.017	0.006	0.280	0.031	0.490
CREA	0.616	0.026	0.083	0.000	0.605
GGT	0.998	0.063	0.998	0.984	0.500
GLUC	0.025	0.594	0.286	0.994	0.145
Insulin	0.434	0.991	0.703	1.000	0.286
Leptin	0.329	0.009	0.749	0.564	0.628
SDH	0.874	0.632	0.599	0.966	0.949
T3	0.527	0.260	0.501	0.005	0.106
T4	0.458	0.013	0.872	0.284	0.729
TBA	0.092	0.041	0.895	0.974	0.434
TP	0.603	0.288	0.886	0.326	0.459
TRIG	1.000	0.634	0.959	0.466	0.533
TSH	0.821	0.785	0.923	0.244	0.581

Sex	Treatment	N ¹	Percent ²	Mean	SE	Median	Min	Max
F	Vehicle 0.0	20	5.0	0.14	0.06	0.08	0.08	1.31
	BPA 2.5	23	0.0	0.08	0.00	0.08	0.08	0.08
	BPA 8.0	18	5.6	0.14	0.06	0.08	0.08	1.08
	BPA 25.0	21	9.5	0.11	0.02	0.08	0.08	0.49
	BPA 80.0	20	15.0	0.12	0.02	0.08	0.08	0.48
	BPA 260.0	20	0.0	0.08	0.00	0.08	0.08	0.08
	BPA 840.0	20	0.0	0.08	0.00	0.08	0.08	0.08
	BPA 2700.0	20	5.0	0.10	0.02	0.08	0.08	0.39
	BPA 100000.0	20	5.0	0.10	0.02	0.08	0.08	0.56
	BPA 300000.0	18	0.0	0.08	0.00	0.08	0.08	0.08
	EE2 0.5	20	5.0	0.10	0.02	0.08	0.08	0.51
	EE2 5.0	20	10.0	0.13	0.04	0.08	0.08	0.88
	<u>Naive Control</u>	<u>20</u>	<u>5.0</u>	<u>0.10</u>	<u>0.02</u>	<u>0.08</u>	<u>0.08</u>	<u>0.46</u>
M	Vehicle 0.0	20	5.0	0.09	0.01	0.08	0.08	0.28
	BPA 2.5	23	0.0	0.08	0.00	0.08	0.08	0.08
	BPA 8.0	18	0.0	0.08	0.00	0.08	0.08	0.08
	BPA 25.0	21	0.0	0.08	0.00	0.08	0.08	0.08
	BPA 80.0	20	5.0	0.09	0.01	0.08	0.08	0.25
	BPA 260.0	20	10.0	0.12	0.04	0.08	0.08	0.85
	BPA 840.0	20	10.0	0.10	0.02	0.08	0.08	0.38
	BPA 2700.0	20	25.0	0.17	0.05	0.08	0.08	0.92
	BPA 100000.0	20	10.0	0.11	0.02	0.08	0.08	0.45
	BPA 300000.0	18	5.6	0.11	0.03	0.08	0.08	0.57
	EE2 0.5	20	20.0	0.19	0.05	0.08	0.08	0.77
	EE2 5.0	20	10.0	0.16	0.06	0.08	0.08	1.08
	<u>Naive Control</u>	<u>20</u>	<u>10.0</u>	<u>0.11</u>	<u>0.03</u>	<u>0.08</u>	<u>0.08</u>	<u>0.61</u>

1. BPA 300,000 µg/kg treatment group had one female animal with QNS (not counted in non-missing N).

2. Percent is defined as the number of detectable measurements divided by the number of non-missing measurements times 100.

Table 14. Listing of Detectable Troponin-I (and QNS)			
Sex	Treatment	Troponin-I	CID
F	Vehicle 0.0	1.31	21760300220
	BPA 8.0	1.08	21760300121
	BPA 25.0	0.20	21760300469
		0.49	21760300470
	BPA 80.0	0.25	21760300242
		0.31	21760300244
		0.48	21760300362
	BPA 2700.0	0.39	21760300094
	BPA 100000.0	0.56	21760300330
	BPA 300000.0	QNS	21760300889
	EE2 0.5	0.51	21760300304
	EE2 5.0	0.37	21760300278
		0.88	21760300065
	<u>Naive Control</u>	<u>0.46</u>	<u>21760301009</u>

Table 14. Listing of Detectable Troponin-I (and QNS)			
Sex	Treatment	Troponin-I	CID
M	Vehicle 0.0	0.28	21760300812
	BPA 80.0	0.25	21760300590
	BPA 260.0	0.18	21760300392
		0.85	21760300528
	BPA 840.0	0.25	21760300933
		0.38	21760300935
	BPA 2700.0	0.19	21760300758
		0.25	21760300088
		0.44	21760300757
		0.48	21760300909
		0.92	21760300750
	BPA 100000.0	0.37	21760300857
		0.45	21760300333
	BPA 300000.0	0.57	21760300693
	EE2 0.5	0.48	21760300575
		0.50	21760300561
		0.72	21760300572
		0.77	21760300574
	EE2 5.0	0.77	21760300078
		1.08	21760300559
	Naive Control	0.18	21760300705
		0.61	21760300167