

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

C Number:

Study Gender:

PWG Approval Date

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

I10353

Female

See web page for date of PWG Approval

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 337	TRT#: PC1	DOSE: 50 mg/kg CPS	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26588

Animal Note: DBK

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 338

TRT#: PC1

DOSE: 50 mg/kg CPS

SEX: Female

REMOVAL DAY: SD28

DISP: Scheduled Removal (Terminal)

HISTO: 26578

Animal Note: DJC

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 339

TRT#: PC1

DOSE: 50 mg/kg CPS

SEX: Female

REMOVAL DAY: SD28

DISP: Scheduled Removal (Terminal)

HISTO: 26678

Animal Note: DJH

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 340	TRT#: PC1	DOSE: 50 mg/kg CPS	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26694

Animal Note: DJC

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 341

TRT#: PC1

DOSE: 50 mg/kg CPS

SEX: Female

REMOVAL DAY: SD28

DISP: Scheduled Removal (Terminal)

HISTO: 26583

Animal Note: DJC

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 342	TRT#: PC1	DOSE: 50 mg/kg CPS	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26607

Animal Note: DJC

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 343

TRT#: PC1

DOSE: 50 mg/kg CPS

SEX: Female

REMOVAL DAY: SD28

DISP: Scheduled Removal (Terminal)

HISTO: 26677

Animal Note: DBK

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 344	TRT#: PC1	DOSE: 50 mg/kg CPS	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26719

Animal Note: DJC

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 217

TRT#: TA1

DOSE: 2 mg/kg

SEX: Female

REMOVAL DAY: SD28

DISP: Scheduled Removal (Terminal)

HISTO: 26651

Animal Note: Retrospectively entered terminal body weight that was recorded on paper due to communication issue with NTP Provantis.

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 218	TRT#: TA1	DOSE: 2 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26686

Animal Note: Retrospectively entered terminal body weight that was recorded on paper due to communication issue with NTP Provantis.

ANIMAL ID: 225	TRT#: TA1	DOSE: 2 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26671
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
THYMUS				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
Animal Note: DJH				

ANIMAL ID: 226	TRT#: TA1	DOSE: 2 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26612
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
THYMUS				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 227		TRT#: TA1		DOSE: 2 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26676	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		LIVER		LUNG		LYMPH NODE, MESENTERIC			
LYMPH NODE, POPLITEAL		OVARY							
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR		HYPERPLASIA		MINIMAL			
Observation Comment: One of a pair available for evaluation.									
KIDNEY				INFILTRATE, CELLULAR		MIXED, MINIMAL			
SPLEEN		FOLLICLES, GERMINAL CENTER		DECREASED NUMBER		MILD			
				NO CORRESPONDING LESION					
THYMUS				NO CORRESPONDING LESION					
Observation Comment: subgross small thymus									
Animal Note: DJC									

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 228	TRT#: TA1	DOSE: 2 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26706
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
THYMUS		CYST		
Animal Note: DJC				

ANIMAL ID: 229	TRT#: TA1	DOSE: 2 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26656
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 230	TRT#: TA1	DOSE: 2 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26663
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
THYMUS				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 231	TRT#: TA1	DOSE: 2 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26627
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY			
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
KIDNEY		INFILTRATE, CELLULAR	MIXED, MINIMAL	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
SPLEEN	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED AREA	FOCAL, MILD	
	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	FOCAL, MODERATE	
	MARGINAL ZONE	INCREASED AREA	MILD	
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MILD	
		CYST		
Animal Note: DBK				

ANIMAL ID: 232	TRT#: TA1	DOSE: 2 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26674
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
NO CORRELATE		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL1]				
THYMUS		CYST		
Animal Note: DJC				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 241	TRT#: TA2	DOSE: 5 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26584
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
THYMUS				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 242	TRT#: TA2	DOSE: 5 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26635
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
THYMUS				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE		
	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
Animal Note: DJC				

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 243	TRT#: TA2	DOSE: 5 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26720
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY	SPLEEN		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
KIDNEY		INFILTRATE, CELLULAR	MIXED, MINIMAL	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 244	TRT#: TA2	DOSE: 5 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26668
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TISSUE STATUS

No Visible Lesions

BONE MARROW	KIDNEY	LIVER	LUNG
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	THYMUS

INSUFFICIENT TISSUE TO EVALUATE

BALT

OBSERVATIONS

ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL
SPLEEN	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MINIMAL
		NO CORRESPONDING LESION	

[DECREASED NUMBER TGLS = TGL1-6]

[NO CORRESPONDING LESION TGLS = TGL1-6]

Animal Note: DJH

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 245	TRT#: TA2	DOSE: 5 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26672
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, POPLITEAL	
OVARY	SPLEEN			
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
KIDNEY		NEPHROPATHY	MINIMAL	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MINIMAL	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 246	TRT#: TA2	DOSE: 5 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26711
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY			
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
ESOPHAGUS		INFLAMMATION	CHRONIC, MINIMAL	
KIDNEY		INFILTRATE, CELLULAR	MIXED, MINIMAL	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
SPLEEN	FOLLICLES, GERMINAL CENTER	INCREASED NUMBER	MILD	
THYMUS		CYST		
Animal Note: DJH				

ANIMAL ID: 247	TRT#: TA2	DOSE: 5 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26606
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY	SPLEEN		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
KIDNEY		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL1]				
THYMUS		CYST		
Animal Note: DJC				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 248	TRT#: TA2	DOSE: 5 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26620
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
SPLEEN		CONGESTION	MINIMAL	
[CONGESTION TGLS = TGL1-6]				
THYMUS		CYST		
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 257	TRT#: TA3	DOSE: 9 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26639
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LYMPH NODE, MESENTERIC	
OVARY	SPLEEN			
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
NOT PRESENT				
LYMPH NODE, POPLITEAL				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
LUNG		CONGESTION	MILD	
		HEMORRHAGE	MINIMAL	
[CONGESTION TGLS = TGL1-1]				
[HEMORRHAGE TGLS = TGL1-1]				
THYMUS		CYST		
Animal Note: DBK				

ANIMAL ID: 258	TRT#: TA3	DOSE: 9 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26577
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
SPLEEN		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL1]				
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 259	TRT#: TA3	DOSE: 9 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26594
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY	SPLEEN	THYMUS	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LUNG		CONGESTION	MILD	
[CONGESTION TGLS = TGL1-1]				
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 260	TRT#: TA3	DOSE: 9 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26593
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	
OVARY	SPLEEN			
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
KIDNEY		INFILTRATE, CELLULAR	MIXED, MINIMAL	
LUNG		CONGESTION	MILD	
[CONGESTION TGLS = TGL1-1]				
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MINIMAL	
	CORTEX	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
Animal Note: DBK				

ANIMAL ID: 261	TRT#: TA3	DOSE: 9 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26691
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY	SPLEEN		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE		
	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
KIDNEY		NEPHROPATHY	MINIMAL	
		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL1]				
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 262		TRT#: TA3		DOSE: 9 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26652	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		KIDNEY		LIVER		LUNG			
LYMPH NODE, POPLITEAL		OVARY		SPLEEN					
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR		HYPERPLASIA		MILD			
LYMPH NODE, MESENTERIC		PARACORTEX		INCREASED AREA		MILD			
		PARACORTEX, LYMPHOCYTE		INCREASED NUMBER		MILD			
LYMPH NODE, POPLITEAL									
Tissue Note: ONE OF A PAIR PRESENT.									
THYMUS				CORTEX/MEDULLA RATIO - DECREASED		MILD			
				CYST					
		CORTEX		DECREASED AREA		MILD			
		CORTEX, LYMPHOCYTE		DECREASED NUMBER		MILD			
		MEDULLA, LYMPHOCYTE		DECREASED NUMBER		MILD			
Animal Note: DJH									

ANIMAL ID: 263	TRT#: TA3	DOSE: 9 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26585
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY	SPLEEN		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LUNG		CONGESTION	MILD	
[CONGESTION TGLS = TGL1-1]				
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
THYMUS		CYST		
	CAPSULE, MONONUCLEAR CELL	INFILTRATE, CELLULAR	MINIMAL	
Animal Note: DBK				

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 264	TRT#: TA3	DOSE: 9 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26610
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, POPLITEAL	
OVARY	THYMUS			
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
KIDNEY		INFILTRATE, CELLULAR	MIXED, MINIMAL	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MINIMAL	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
SPLEEN	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MINIMAL	
Animal Note: DJH				

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 273	TRT#: TA4	DOSE: 19 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26616
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY	THYMUS		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LUNG		HEMORRHAGE	MINIMAL	
SPLEEN	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	MINIMAL	
	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MILD	
Animal Note: DJC				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 274		TRT#: TA4		DOSE: 19 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26709	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		KIDNEY			LIVER			LUNG	
LYMPH NODE, POPLITEAL		OVARY			THYMUS				
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR			HYPERPLASIA			MILD	
LYMPH NODE, MESENTERIC		PARACORTEX			INCREASED AREA			MILD	
		PARACORTEX, LYMPHOCYTE			INCREASED NUMBER			MILD	
SPLEEN		PERIARTERIOULAR LYMPHOID SHEATH			DECREASED LYMPHOCYTES			MINIMAL	
		FOLLICLES, GERMINAL CENTER			DECREASED NUMBER			MILD	
Animal Note: DJH									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 275	TRT#: TA4	DOSE: 19 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26599
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE		
	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
THYMUS		CYST		
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 276		TRT#: TA4	DOSE: 19 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26595
TISSUE STATUS					
No Visible Lesions					
BONE MARROW		LIVER		LUNG	LYMPH NODE, MESENTERIC
LYMPH NODE, POPLITEAL		OVARY		SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE					
BALT					
OBSERVATIONS					
ADRENAL GLAND		SUBCAPSULAR		HYPERPLASIA	MINIMAL
KIDNEY				NEPHROPATHY	MINIMAL
THYMUS				CORTEX/MEDULLA RATIO - DECREASED	MILD
				CYST	
		CORTEX		DECREASED AREA	MILD
		MEDULLA		DECREASED AREA	MINIMAL
		CORTEX, LYMPHOCYTE		DECREASED NUMBER	MILD
		MEDULLA, LYMPHOCYTE		DECREASED NUMBER	MINIMAL
		CORTEX, APOPTOTIC LYMPHOCYTE		INCREASED NUMBER	MINIMAL
Animal Note: DJC					

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 277	TRT#: TA4	DOSE: 19 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26673
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
LYMPH NODE, POPLITEAL				
Tissue Comment: Medullary Cords - not examined, Not Present on Slide Subcapsular/transverse medullary sinuses -not examined, Not Present on Slide				
Tissue Note: ONE OF A PAIR PRESENT.				
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MINIMAL	
		CYST		
	CORTEX	DECREASED AREA	MINIMAL	
	MEDULLA	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 278	TRT#: TA4	DOSE: 19 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26666
TISSUE STATUS				
No Visible Lesions				
BONE MARROW OVARY	KIDNEY	LIVER	LUNG	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
NOT PRESENT				
LYMPH NODE, POPLITEAL				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MILD	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MILD	
SPLEEN	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MILD	
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MILD	
		CYST		
	CORTEX	DECREASED AREA	MILD	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MILD	
[DECREASED AREA TGLS = TGL1-5]				
Animal Note: DJC				

ANIMAL ID: 279	TRT#: TA4	DOSE: 19 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26646
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
SPLEEN		CONGESTION	MILD	
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 280	TRT#: TA4	DOSE: 19 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26624
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 289		TRT#: TA5		DOSE: 38 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26662	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		LIVER			LUNG			LYMPH NODE, POPLITEAL	
OVARY									
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR			HYPERPLASIA			MILD	
KIDNEY					INFILTRATE, CELLULAR			MIXED, MINIMAL	
LYMPH NODE, MESENTERIC		PARACORTEX			INCREASED AREA			MINIMAL	
		PARACORTEX, LYMPHOCYTE			INCREASED NUMBER			MINIMAL	
SPLEEN		PERIARTERIOULAR LYMPHOID SHEATH			DECREASED LYMPHOCYTES			MINIMAL	
		FOLLICLES, GERMINAL CENTER			DECREASED NUMBER			MODERATE	
THYMUS					CORTEX/MEDULLA RATIO - DECREASED			MINIMAL	
					CYST				
		CORTEX			DECREASED AREA			MINIMAL	
		MEDULLA			DECREASED AREA			MINIMAL	
		CORTEX, LYMPHOCYTE			DECREASED NUMBER			MINIMAL	
		MEDULLA, LYMPHOCYTE			DECREASED NUMBER			MINIMAL	
Animal Note: DJH									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 290		TRT#: TA5		DOSE: 38 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26637	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		KIDNEY		LIVER		LUNG			
LYMPH NODE, POPLITEAL		OVARY							
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR		HYPERPLASIA		MILD			
LYMPH NODE, MESENTERIC		PARACORTEX		INCREASED AREA		MINIMAL			
		PARACORTEX, LYMPHOCYTE		INCREASED NUMBER		MINIMAL			
SPLEEN				NO CORRESPONDING LESION					
Observation Comment: subgross small spleen									
[NO CORRESPONDING LESION TGLS = TGL1-6]									
THYMUS				CORTEX/MEDULLA RATIO - DECREASED		MINIMAL			
				CYST					
		CORTEX		DECREASED AREA		MINIMAL			
		MEDULLA		DECREASED AREA		MINIMAL			
		CORTEX, LYMPHOCYTE		DECREASED NUMBER		MINIMAL			
		MEDULLA, LYMPHOCYTE		DECREASED NUMBER		MINIMAL			
Animal Note: DBK									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 291		TRT#: TA5		DOSE: 38 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26632	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		KIDNEY		LIVER		LYMPH NODE, POPLITEAL			
OVARY									
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR		HYPERPLASIA		MINIMAL			
LUNG				CONGESTION		MILD			
[CONGESTION TGLS = TGL2-1]									
LYMPH NODE, MESENTERIC		PARACORTEX		INCREASED AREA		MILD			
		PARACORTEX, LYMPHOCYTE		INCREASED NUMBER		MILD			
LYMPH NODE, POPLITEAL									
Tissue Note: ONE OF A PAIR PRESENT.									
SPLEEN		FOLLICLES, GERMINAL CENTER		DECREASED NUMBER		MILD			
THYMUS				CORTEX/MEDULLA RATIO - DECREASED		MINIMAL			
				CYST					
		CORTEX		DECREASED AREA		MINIMAL			
		CORTEX, LYMPHOCYTE		DECREASED NUMBER		MINIMAL			
		CORTEX, APOPTOTIC LYMPHOCYTE		INCREASED NUMBER		MINIMAL			
[DECREASED AREA TGLS = TGL1-5]									
Animal Note: DJH									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 292	TRT#: TA5	DOSE: 38 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26618
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LYMPH NODE, POPLITEAL	
OVARY				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LUNG		CONGESTION	MINIMAL	
Tissue Comment: TGL1-1				
[CONGESTION TGLS = TGL1-1]				
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MODERATE	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MODERATE	
SPLEEN	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	MINIMAL	
	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MODERATE	
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MILD	
		CYST		
	CORTEX	DECREASED AREA	MILD	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MILD	
Animal Note: DJC				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 293		TRT#: TA5		DOSE: 38 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26687	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		KIDNEY		LIVER		LUNG			
LYMPH NODE, POPLITEAL		OVARY							
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR		HYPERPLASIA		MINIMAL			
LYMPH NODE, MESENTERIC		PARACORTEX		INCREASED AREA		MINIMAL			
		PARACORTEX, LYMPHOCYTE		INCREASED NUMBER		MINIMAL			
SPLEEN		PERIARTERIOULAR LYMPHOID SHEATH		DECREASED LYMPHOCYTES		MINIMAL			
		FOLLICLES, GERMINAL CENTER		DECREASED NUMBER		MODERATE			
Tissue Comment: TGL1-6									
[DECREASED LYMPHOCYTES TGLS = TGL1-6]									
[DECREASED NUMBER TGLS = TGL1-6]									
THYMUS				ECTOPIC TISSUE					
Observation Comment: parathyroid tissue									
Animal Note: DJH									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 294		TRT#: TA5		DOSE: 38 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26713	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		KIDNEY		LIVER		LYMPH NODE, POPLITEAL			
OVARY		SPLEEN							
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR		HYPERPLASIA		MINIMAL			
LUNG				HEMORRHAGE		MINIMAL			
LYMPH NODE, MESENTERIC		PARACORTEX		INCREASED AREA		MILD			
		PARACORTEX, LYMPHOCYTE		INCREASED NUMBER		MILD			
LYMPH NODE, POPLITEAL									
Tissue Note: ONE OF A PAIR PRESENT.									
THYMUS				CORTEX/MEDULLA RATIO - DECREASED		MILD			
				CYST					
		CORTEX		DECREASED AREA		MILD			
		CORTEX, LYMPHOCYTE		DECREASED NUMBER		MILD			
		CORTEX, APOPTOTIC LYMPHOCYTE		INCREASED NUMBER		MINIMAL			
Animal Note: DJC									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 295		TRT#: TA5		DOSE: 38 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26617	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		KIDNEY			LIVER			LUNG	
LYMPH NODE, POPLITEAL		OVARY							
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND					ACCESSORY ADRENOCORTICAL NODULE				
		SUBCAPSULAR			HYPERPLASIA			MINIMAL	
LYMPH NODE, MESENTERIC		PARACORTEX			INCREASED AREA			MILD	
		PARACORTEX, LYMPHOCYTE			INCREASED NUMBER			MILD	
SPLEEN		FOLLICLES, GERMINAL CENTER			DECREASED NUMBER			MILD	
THYMUS					CORTEX/MEDULLA RATIO - DECREASED			MILD	
					CYST				
		CORTEX			DECREASED AREA			MILD	
		CORTEX, LYMPHOCYTE			DECREASED NUMBER			MILD	
[DECREASED AREA TGLS = TGL1-5]									
Animal Note: DJC									

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 296	TRT#: TA5	DOSE: 38 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26650
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, POPLITEAL	OVARY	SPLEEN		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MILD	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MILD	
THYMUS		CYST		
Animal Note: DJC				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 305		TRT#: TA6	DOSE: 75 mg/kg	SEX: Female	REMOVAL DAY: SD28
				DISP: Scheduled Removal (Terminal)	HISTO: 26657
TISSUE STATUS					
No Visible Lesions					
BONE MARROW		KIDNEY	LIVER	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL		OVARY			
INSUFFICIENT TISSUE TO EVALUATE					
BALT					
OBSERVATIONS					
ADRENAL GLAND		SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LUNG			CONGESTION	MILD	
[CONGESTION TGLS = TGL2-1]					
SPLEEN		FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL3-6]					
THYMUS			CORTEX/MEDULLA RATIO - DECREASED	MILD	
		CORTEX	DECREASED AREA	MODERATE	
		CORTEX, LYMPHOCYTE	DECREASED NUMBER	MODERATE	
		MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
		CORTEX, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
		MEDULLA, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
[DECREASED AREA TGLS = TGL1-5]					
Animal Note: DJC					

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 306	TRT#: TA6	DOSE: 75 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26641
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, POPLITEAL				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE		
	SUBCAPSULAR	HYPERPLASIA	MILD	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MODERATE	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MILD	
LYMPH NODE, POPLITEAL				
Tissue Comment: Paracortex - not examined, Not Present on Slide Cortex -not examined, Not Present on Slide				
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MILD	
SPLEEN	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	MINIMAL	
	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MINIMAL	
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MILD	
		CYST		
	CORTEX	DECREASED AREA	MILD	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MILD	
[DECREASED AREA TGLS = TGL1-5]				
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 307		TRT#: TA6		DOSE: 75 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26693	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		LIVER		LUNG		LYMPH NODE, POPLITEAL			
OVARY									
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR		HYPERPLASIA		MILD			
KIDNEY				NEPHROPATHY		MINIMAL			
LYMPH NODE, MESENTERIC		PARACORTEX		INCREASED AREA		MODERATE			
		PARACORTEX, LYMPHOCYTE		INCREASED NUMBER		MODERATE			
SPLEEN		FOLLICLES, GERMINAL CENTER		DECREASED NUMBER		MINIMAL			
THYMUS				CORTEX/MEDULLA RATIO - DECREASED		MINIMAL			
				CYST					
		CORTEX		DECREASED AREA		MINIMAL			
		CORTEX, LYMPHOCYTE		DECREASED NUMBER		MINIMAL			
Animal Note: DJC									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 308		TRT#: TA6		DOSE: 75 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26596	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW		KIDNEY			LIVER			LUNG	
LYMPH NODE, MESENTERIC		LYMPH NODE, POPLITEAL			OVARY				
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND		SUBCAPSULAR			HYPERPLASIA			MILD	
SPLEEN		PERIARTERIOULAR LYMPHOID SHEATH			DECREASED LYMPHOCYTES			MINIMAL	
		FOLLICLES, GERMINAL CENTER			DECREASED NUMBER			MILD	
THYMUS					CORTEX/MEDULLA RATIO - DECREASED			MINIMAL	
					CYST				
		CORTEX			DECREASED AREA			MINIMAL	
		CORTEX, LYMPHOCYTE			DECREASED NUMBER			MINIMAL	
Animal Note: DBK									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 309	TRT#: TA6	DOSE: 75 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26667
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, POPLITEAL				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MILD	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MILD	
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MINIMAL	
SPLEEN	PERIARTERIOLAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	FOCAL, MODERATE	
	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MINIMAL	
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MINIMAL	
		CYST		
	CORTEX	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
[DECREASED AREA TGLS = TGL1-5]				
Animal Note: DBK				

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 310	TRT#: TA6	DOSE: 75 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26658
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY			
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
KIDNEY		INFILTRATE, CELLULAR	MIXED, MINIMAL	
SPLEEN	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MINIMAL	
THYMUS		CYST		
		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL1-NCL]				
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 311	TRT#: TA6	DOSE: 75 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26581
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, POPLITEAL				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MODERATE	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MODERATE	
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL2-9]				
SPLEEN	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	MILD	
	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MODERATE	
[DECREASED LYMPHOCYTES TGLS = TGL1-6]				
[DECREASED NUMBER TGLS = TGL1-6]				
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MILD	
		CYST		
	CORTEX	DECREASED AREA	MILD	
	MEDULLA	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MILD	
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
Tissue Comment: TGL4-5				
[DECREASED AREA TGLS = TGL4-5]				
UTERUS		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL5-NCL]				
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 312	TRT#: TA6	DOSE: 75 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26715
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LYMPH NODE, POPLITEAL	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LUNG		CONGESTION	MILD	
[CONGESTION TGLS = TGL2-1]				
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MODERATE	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MODERATE	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL3-9]				
SPLEEN	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MILD	
[DECREASED NUMBER TGLS = TGL6-6]				
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MILD	
	CORTEX	DECREASED AREA	MILD	
	MEDULLA	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MILD	
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
[DECREASED AREA TGLS = TGL1-5]				
UTERUS		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL5-NCL]				
Animal Note: DJC				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 321		TRT#: TA7	DOSE: 150 mg/kg	SEX: Female	REMOVAL DAY: SD28
				DISP: Scheduled Removal (Terminal)	HISTO: 26717
TISSUE STATUS					
No Visible Lesions					
BONE MARROW		LIVER	LUNG	LYMPH NODE, POPLITEAL	
INSUFFICIENT TISSUE TO EVALUATE					
BALT					
OBSERVATIONS					
ADRENAL GLAND		SUBCAPSULAR	HYPERPLASIA	MILD	
KIDNEY			NEPHROPATHY	MINIMAL	
LYMPH NODE, MESENTERIC		PARACORTEX	INCREASED AREA	MODERATE	
		PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MODERATE	
LYMPH NODE, POPLITEAL					
Tissue Comment: Medullary Cords - not examined, Not Present on Slide Subcapsular/transverse medullary sinuses -not examined, Not Present on Slide					
OVARY		CORPUS LUTEUM	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL2-9]					
SPLEEN		RED PULP	DECREASED HEMATOPOIETIC CELLS	MINIMAL	
		PERIARTERIOLAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	MINIMAL	
		FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MODERATE	
[DECREASED LYMPHOCYTES TGLS = TGL3-6]					
[DECREASED NUMBER TGLS = TGL3-6]					
THYMUS			CORTEX/MEDULLA RATIO - DECREASED	MODERATE	
			CYST		
		CORTEX	DECREASED AREA	MODERATE	
		MEDULLA	DECREASED AREA	MINIMAL	
		CORTEX, LYMPHOCYTE	DECREASED NUMBER	MODERATE	
		MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
		CORTEX, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
[DECREASED AREA TGLS = TGL1-5]					
Animal Note: DJH					

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 322	TRT#: TA7	DOSE: 150 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26605
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, POPLITEAL				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MILD	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MILD	
LYMPH NODE, POPLITEAL				
Tissue Comment: Medullary Cords - not examined, Not Present on Slide Subcapsular/transverse medullary sinuses -not examined, Not Present on Slide				
Tissue Note: ONE OF A PAIR PRESENT.				
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL2-9]				
SPLEEN	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	MINIMAL	
	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MODERATE	
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MODERATE	
		CYST		
	CORTEX	DECREASED AREA	MODERATE	
	MEDULLA	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MODERATE	
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
	CORTEX, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
	MEDULLA, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
[DECREASED AREA TGLS = TGL1-5]				
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 323	TRT#: TA7	DOSE: 150 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26685
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, POPLITEAL				
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MILD	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MILD	
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL2-9]				
SPLEEN	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MINIMAL	
[DECREASED NUMBER TGLS = TGL4-6]				
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MODERATE	
		CYST		
	CORTEX	DECREASED AREA	MODERATE	
	MEDULLA	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MODERATE	
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
		ECTOPIC TISSUE		
	CORTEX, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
	MEDULLA, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
	CAPSULE	INFILTRATION, ADIPOCYTES	MINIMAL	
Observation Comment: parathyroid tissue				
[DECREASED AREA TGLS = TGL1-5]				
Animal Note: DJC				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 324	TRT#: TA7	DOSE: 150 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26608
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
NOT PRESENT				
LYMPH NODE, POPLITEAL				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MINIMAL	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL2-9]				
SPLEEN	RED PULP	DECREASED HEMATOPOIETIC CELLS	MINIMAL	
	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	MILD	
	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MILD	
[DECREASED HEMATOPOIETIC CELLS TGLS = TGL4-6]				
[DECREASED LYMPHOCYTES TGLS = TGL4-6]				
[DECREASED NUMBER TGLS = TGL4-6]				
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MODERATE	
		CYST		
	CORTEX	DECREASED AREA	MODERATE	
	MEDULLA	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MODERATE	
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
	CORTEX, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
	MEDULLA, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
[DECREASED AREA TGLS = TGL1-5]				
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 325		TRT#: TA7	DOSE: 150 mg/kg	SEX: Female	REMOVAL DAY: SD28
				DISP: Scheduled Removal (Terminal)	HISTO: 26716
TISSUE STATUS					
No Visible Lesions					
BONE MARROW	KIDNEY	LIVER	LUNG		
LYMPH NODE, POPLITEAL					
INSUFFICIENT TISSUE TO EVALUATE					
BALT					
OBSERVATIONS					
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL		
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MINIMAL		
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MINIMAL		
LYMPH NODE, POPLITEAL					
Tissue Note: ONE OF A PAIR PRESENT.					
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MODERATE		
[DECREASED NUMBER TGLS = TGL2-9]					
SPLEEN	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MINIMAL		
[DECREASED NUMBER TGLS = TGL5-6]					
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MILD		
	CORTEX	DECREASED AREA	MODERATE		
	MEDULLA	DECREASED AREA	MILD		
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MODERATE		
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MILD		
	CORTEX, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL		
	MEDULLA, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL		
	[DECREASED AREA TGLS = TGL1-5]				
UTERUS		NO CORRESPONDING LESION			
[NO CORRESPONDING LESION TGLS = TGL4-NCL]					
Animal Note: DJH					

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 326	TRT#: TA7	DOSE: 150 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26576
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	LIVER	LUNG	LYMPH NODE, POPLITEAL	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
KIDNEY	PELVIS	INFILTRATE, CELLULAR	MIXED, MINIMAL	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MODERATE	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MODERATE	
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL2-9]				
SPLEEN	PERIARTERIOULAR LYMPHOID SHEATH	DECREASED LYMPHOCYTES	MINIMAL	
	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MODERATE	
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MODERATE	
		CYST		
	CORTEX	DECREASED AREA	MODERATE	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MODERATE	
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
	CORTEX, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
	MEDULLA, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
[DECREASED AREA TGLS = TGL1-5]				
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 327		TRT#: TA7		DOSE: 150 mg/kg		SEX: Female		REMOVAL DAY: SD28	
				DISP: Scheduled Removal (Terminal)		HISTO: 26675			
TISSUE STATUS									
No Visible Lesions									
ADRENAL GLAND			BONE MARROW			KIDNEY		LIVER	
LUNG			LYMPH NODE, MESENTERIC			LYMPH NODE, POPLITEAL			
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
NO CORRELATE						NO CORRESPONDING LESION			
OVARY			CORPUS LUTEUM			DECREASED NUMBER		MODERATE	
[DECREASED NUMBER TGLS = TGL2-9]									
SPLEEN			FOLLICLES, GERMINAL CENTER			DECREASED NUMBER		MILD	
[DECREASED NUMBER TGLS = TGL4-6]									
THYMUS						CORTEX/MEDULLA RATIO - DECREASED		MILD	
						CYST			
			CORTEX, LYMPHOCYTE			DECREASED NUMBER		MILD	
			MEDULLA, LYMPHOCYTE			DECREASED NUMBER		MINIMAL	
			CORTEX, APOPTOTIC LYMPHOCYTE			INCREASED NUMBER		MINIMAL	
			MEDULLA, APOPTOTIC LYMPHOCYTE			INCREASED NUMBER		MINIMAL	
						NO CORRESPONDING LESION			
[NO CORRESPONDING LESION TGLS = TGL1-NCL]									
UTERUS						NO CORRESPONDING LESION			
[NO CORRESPONDING LESION TGLS = TGL5-NCL]									
Animal Note: DJC									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 328	TRT#: TA7	DOSE: 150 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26609
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LYMPH NODE, POPLITEAL	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LUNG		HEMORRHAGE	MINIMAL	
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL	
LYMPH NODE, MESENTERIC	PARACORTEX	INCREASED AREA	MILD	
	PARACORTEX, LYMPHOCYTE	INCREASED NUMBER	MILD	
LYMPH NODE, POPLITEAL				
Tissue Note: ONE OF A PAIR PRESENT.				
OVARY	CORPUS LUTEUM	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL2-9]				
SPLEEN	FOLLICLES, GERMINAL CENTER	DECREASED NUMBER	MODERATE	
[DECREASED NUMBER TGLS = TGL5-6]				
THYMUS		CORTEX/MEDULLA RATIO - DECREASED	MILD	
	CORTEX	DECREASED AREA	MODERATE	
	MEDULLA	DECREASED AREA	MINIMAL	
	CORTEX, LYMPHOCYTE	DECREASED NUMBER	MODERATE	
	MEDULLA, LYMPHOCYTE	DECREASED NUMBER	MINIMAL	
	CORTEX, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
	MEDULLA, APOPTOTIC LYMPHOCYTE	INCREASED NUMBER	MINIMAL	
[DECREASED AREA TGLS = TGL1-5]				
UTERUS		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL4-NCL]				
Animal Note: DJC				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 209	TRT#: VC1	DOSE: 0 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26697
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL			
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
OVARY		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL1]				
SPLEEN		NO CORRESPONDING LESION		
Observation Comment: subgross small spleen				
[NO CORRESPONDING LESION TGLS = TGL3-NCL]				
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 210	TRT#: VC1	DOSE: 0 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26653
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
THYMUS		CYST		
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 211		TRT#: VC1		DOSE: 0 mg/kg		SEX: Female		REMOVAL DAY: SD28	
						DISP: Scheduled Removal (Terminal)		HISTO: 26659	
TISSUE STATUS									
No Visible Lesions									
BONE MARROW			KIDNEY			LIVER			LYMPH NODE, MESENTERIC
LYMPH NODE, POPLITEAL			OVARY			SPLEEN			
INSUFFICIENT TISSUE TO EVALUATE									
BALT									
OBSERVATIONS									
ADRENAL GLAND			SUBCAPSULAR			HYPERPLASIA			MINIMAL
LUNG						INFLAMMATION			CHRONIC-ACTIVE, MINIMAL
STOMACH, FORESTOMACH						NO CORRESPONDING LESION			
[NO CORRESPONDING LESION TGLS = TGL1]									
THYMUS						CYST			
						ECTOPIC TISSUE			
Observation Comment: parathyroid tissue									
Animal Note: DJC									

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 212	TRT#: VC1	DOSE: 0 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26700
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
Observation Comment: One of a pair available for evaluation.				
THYMUS		CYST		
		ECTOPIC TISSUE		
Observation Comment: parathyroid tissue				
Animal Note: DBK				

ANIMAL ID: 213	TRT#: VC1	DOSE: 0 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26725
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
THYMUS		CYST		
Animal Note: DJH				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 214	TRT#: VC1	DOSE: 0 mg/kg	SEX: Female DISP: Scheduled Removal (Terminal)	REMOVAL DAY: SD28 HISTO: 26690
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LUNG	
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	SPLEEN	
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
THYMUS		CYST		
Animal Note: DBK				

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 06/12/2019
Time Report Requested: 13:25:39
Lab: BRT with ILS

ANIMAL ID: 215	TRT#: VC1	DOSE: 0 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26602

TISSUE STATUS

No Visible Lesions

BONE MARROW	KIDNEY	LIVER	LUNG
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY	THYMUS

INSUFFICIENT TISSUE TO EVALUATE

BALT

OBSERVATIONS

ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MILD
SPLEEN	WHITE PULP, PIGMENTED MACROPHAGE	INCREASED NUMBER	MILD
[INCREASED NUMBER TGLS = TGL1- 6.1RC]			

Animal Note: DJH

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

ANIMAL ID: 216	TRT#: VC1	DOSE: 0 mg/kg	SEX: Female	REMOVAL DAY: SD28
			DISP: Scheduled Removal (Terminal)	HISTO: 26623
TISSUE STATUS				
No Visible Lesions				
BONE MARROW	KIDNEY	LIVER	LYMPH NODE, MESENTERIC	
LYMPH NODE, POPLITEAL	OVARY	SPLEEN		
INSUFFICIENT TISSUE TO EVALUATE				
BALT				
OBSERVATIONS				
ADRENAL GLAND	SUBCAPSULAR	HYPERPLASIA	MINIMAL	
LUNG		NO CORRESPONDING LESION		
[NO CORRESPONDING LESION TGLS = TGL1]				
THYMUS		CYST		
Animal Note: DJH				

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 06/12/2019

Time Report Requested: 13:25:39

Lab: BRT with ILS

LEGEND

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

**** END OF REPORT ****