Quantitation Report File: WAN1119

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name	ng/2ul	Low ppb (based on 2l sample)	Hi ppb
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)			
2	CI40 D8-NAPHTHALENE (IS-2)			
3	CI50 D10-ACENAPHTHENE (IS-3)			
4	CI60 D10-PHENANTHRENE (IS-4)			
5	CI70 D12-CHRYSENE (IS-5)			
6	CI75 D12-PERYLENE (IS-6)			
7	CS50 2-FLUOROPHENOL (SS)	4	1	10
8	CS45 D5-PHENOL (SS)	4	1	10
9	C315 PHENOL	0.4	0.1	2
10	C330 2-CHLOROPHENOL			
11	C355 2-METHYLPHENOL			
12	C365 4-METHYLPHENOL			
13	CS20 D5-NITROBENZENE (SS)	4	1	10
14	C420 2-NITROPHENOL	0.4	0.1	2
15	C425 2,4-DIMETHYLPHENOL			
16	C440 2,4-DICHLOROPHENOL			
17	C450 NAPHTHALENE			
18	C465 4-CHLORO-3-METHYLPHENOL			
19	C470 2-METHYLNAPHTHALENE			
20	C475 1-METHYLNAPHTHALENE			
21	C515 2,4,6-TRICHLOROPHENOL			
22	C520 2,4,5-TRICHLOROPHENOL			
23	CS25 2-FLUOROBIPHENYL (SS)	4	1	10
24	C525 2-CHLORONAPHTHALENE	0.4	0.1	2
25	C540 ACENAPHTHYLENE			
26	C550 ACENAPHTHENE			
27	C555 2,4-DINITROPHENOL	4	1	10
28	C565 DIBENZOFURAN	0.4	0.1	2
29	C560 4-NITROPHENOL	4	1	10
30	C590 9H-FLUORENE	0.4	0.1	2
31	CS55 2,4,6-TRIBROMOPHENOL (SS)	4	1	10
32	C610 4,6-DINITRO-2-METHYLPHENOL	4	1	10
33	C635 PENTACHLOROPHENOL	4	1	10
34	C640 PHENANTHRENE	0.4	0.1	2
35	C645 ANTHRACENE			
36	C647 9H-CARBAZOLE			
37	C655 FLUORANTHENE			
38	CS35 D10-PYRENE (SS)	4	1	10
39	C715 PYRENE	0.4	0.1	2
40	CS30 D14-TERPHENYL (SS)	4	1	10
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)			2
42	C730 BENZO(A)ANTHRACENE	0.4	0.1	
43	C740 CHRYSENE			
44	C765 BENZO(B)FLUORANTHENE			
45	C770 BENZO(K)FLUORANTHENE			
46	C775 BENZO(A)PYRENE			
47	C780 INDENO(1,2,3-CD)PYRENE			
48	C785 DIBENZ(A,H)ANTHRACENE			
49	C790 BENZO(G,H,I)PERYLENE			

USEPA RCRA
3058015

INITIAL CALIBRATION DATA
SEMIVOLATILE HSL COMPOUNDS

Minimum AVE RF is 0.010 Maximum %RSD is 20.5%

CASE NO	WAN1116A	LABORATORY	MANCHESTER LAB	CONTRACT	WAN1116A
SAS NO		REPORTED	05/01/91 08:13	CUSTOMER	
LEVEL		MATRIX		UNITS	

A = 0.4ng/2ul
E = 0.8ng/2ul
B = 2.0ng/2ul
E = 8.0ng/2ul
D = 40ng/2ul

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C315	Phenol		0.800	
C325	bis(2-Chloroethyl)ether		0.700	
C330	2-Chlorophenol		0.800	
C335	1,3-Dichlorobenzene			
C340	1,4-Dichlorobenzene		0.500	
C345	Benzyl alcohol			
C350	1,2-Dichlorobenzene		0.400	
C355	2-Methylphenol		0.700	
C360	bis(2-Chloroisopropyl)ether		0.010	

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	C315	C325	C330	C335	C340	C345	C350	C355	C360
WAN1116A	WAN1116A	1.026		0.668					0.605	
WAN1116E	WAN1116E	1.065		0.658					0.661	
WAN1116B	WAN1116B	1.518		1.059					1.168	
WAN1116 8.0	WAN1116	1.726		1.238					1.205	
WAN1116D	WAN1116D	1.972		1.329					1.470	

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C365	4-Methylphenol		0.600	
C370	N-Nitroso-di-n-propylamine		0.500	
C375	Hexachloroethane		0.300	
C410	Nitrobenzene		0.200	
C415	Isophorone		0.400	
C420	2-Nitrophenol		0.100	
C425	2,4-Dimethylphenol		0.200	
C430	Benzoic acid			
C435	bis(2-Chloroethoxy)methane		0.300	

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	C365	C370	C375	C410	C415	C420	C425	C430	C435
WAN1116A	WAN1116A	0.590					0.041	0.108		
WAN1116E	WAN1116E	0.639					0.046	0.116		
WAN1116B	WAN1116B	1.233					0.090	0.207		
WAN1116	WAN1116	1.275					0.135	0.266		
WAN1116D	WAN1116D	1.602					0.178	0.338		

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C440	2,4-Dichlorophenol		0.200	
C445	1,2,4-Trichlorobenzene	V	0.200	
C450	Naphthalene		0.700	
C455	4-Chloroaniline		0.010	
C460	Hexachlorobutadiene	V	0.010	
C465	4-Chloro-3-methylphenol		0.200	

INITIAL CALIBRATION DATA
SEMIVOLATILE HSL COMPOUNDS

Minimum AVE RF is 0.010 Maximum %RSD is 20.5%

CASE NO	WAN1116A	LABORATORY	MANCHESTER LAB	CONTRACT	WAN1116A
SAS NO		REPORTED	05/01/91 08:13	CUSTOMER	
LEVEL		MATRIX		UNITS	

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C470	2-Methylnaphthalene		0.400	
C475	1-Methylnaphthalene			
C510	Hexachlorocyclopentadiene		0.010	

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	C440	C445	C450	C455	C460	C465	C470	C475	C510
WAN1116A	WAN1116A	0.082		1.002			0.060	0.659	0.276	
WAN1116E	WAN1116E	0.087		1.010			0.066	0.674	0.294	
WAN1116B	WAN1116B	0.175		1.120			0.158	0.907	0.393	
WAN1116	WAN1116	0.221		1.130			0.212	0.909	0.398	
WAN1116D	WAN1116D	0.248		1.077			0.293	0.931	0.426	

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C515	2,4,6-Trichlorophenol		0.200	
C520	2,4,5-Trichlorophenol		0.200	
C525	2-Chloronaphthalene		0.800	
C530	2-Nitroaniline		0.010	
C535	Dimethyl phthalate		0.010	
C540	Acenaphthylene		1.300	
C545	3-Nitroaniline		0.010	
C550	Acenaphthene		0.800	
C555	2,4-Dinitrophenol		0.010	

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	C515	C520	C525	C530	C535	C540	C545	C550	C555
WAN1116A	WAN1116A	0.066	0.052	0.812			0.845		0.752	
WAN1116E	WAN1116E	0.074	0.057	0.876			0.896		0.810	
WAN1116B	WAN1116B	0.167	0.158	1.072			1.369		1.045	0.007
WAN1116	WAN1116	0.231	0.227	1.094			1.477		1.060	0.022
WAN1116D	WAN1116D	0.290	0.280	1.204			1.549		1.141	0.083

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C560	4-Nitrophenol		0.010	
C565	Dibenzofuran		0.800	
C570	2,4-Dinitrotoluene		0.200	
C575	2,6-Dinitrotoluene		0.200	
C580	Diethylphthalate		0.010	
C585	4-Chlorophenylphenylether		0.400	
C590	Fluorene		0.900	
C595	4-Nitroaniline		0.010	
C610	4,6-Dinitro-2-methylphenol		0.010	

INITIAL CALIBRATION DATA
SEMIVOLATILE HSL COMPOUNDS

Minimum AVE RF is 0.010 Maximum %RSD is 20.5%

CASE NO	WAN1116A	LABORATORY	MANCHESTER LAB	CONTRACT	WAN1116A
SAS NO		REPORTED	05/01/91 08:13	CUSTOMER	
LEVEL		MATRIX		UNITS	

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	C560	C565	C570	C575	C580	C585	C590	C595	C610
WAN1116A	WAN1116A		1.050					0.649		
WAN1116E	WAN1116E		1.144					0.714		
WAN1116B	WAN1116B	0.024	1.545					1.135		0.020
WAN1116	WAN1116	0.049	1.525					1.148		0.048
WAN1116D	WAN1116D	0.086	1.577					1.210		0.109

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C615	N-Nitrosodiphenylamine (1)	0	0.010	
C625	4-Bromophenyl-phenylether		0.100	
C630	Hexachlorobenzene		0.100	
C635	Pentachlorophenol		0.050	
C640	Phenanthrene		0.700	
C645	Anthracene		0.700	
C647	9h-Carbazole			
C650	Di-n-Butylphthalate		0.010	
C655	Fluoranthene		0.600	

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	C615	C625	C630	C635	C640	C645	C647	C650	C655
WAN1116A	WAN1116A					0.878	0.462	0.241		0.352
WAN1116E	WAN1116E					0.897	0.483	0.279		0.431
WAN1116B	WAN1116B				0.021	1.135	0.878	0.458		0.761
WAN1116	WAN1116				0.051	1.150	0.972	0.560		0.879
WAN1116D	WAN1116D				0.098	1.257	1.189	0.398		1.056

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C715	Pyrene		0.600	
C717	Retene			
C720	Butylbenzylphthalate		0.010	
C725	3,3'-Dichlorobenzidine		0.010	
C730	Benzo(a)anthracene		0.800	
C735	bis(2-Ethylhexyl)phthalate		0.010	
C740	Chrysene		0.700	
C760	di-n-Octyl phthalate		0.010	
C765	Benzo(b)fluoranthene		0.700	

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	C715	C717	C720	C725	C730	C735	C740	C760	C765
WAN1116A	WAN1116A	0.899	0.133			0.594		0.865		0.434
WAN1116E	WAN1116E	1.078	0.174			0.553		0.871		0.544
WAN1116B	WAN1116B	1.919	0.323			0.816		1.156		0.941
WAN1116	WAN1116	1.827	0.373			0.990		1.165		1.116
WAN1116D	WAN1116D	1.975	0.512			1.277		1.221		1.459

INITIAL CALIBRATION DATA
SEMIVOLATILE HSL COMPOUNDS

Minimum AVE RF is 0.010 **Maximum %RSD is 20.5%**

CASE NO	WAN1116A	LABORATORY	MANCHESTER LAB	CONTRACT	WAN1116A
SAS NO		REPORTED	05/01/91 08:13	CUSTOMER	
LEVEL		MATRIX		UNITS	

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
C770	Benzo(k)fluoranthene		0.700	
C775	Benzo(a)pyrene		0.700	
C780	Indeno(1,2,3-cd)pyrene		0.500	
C785	Dibenz(a,h)anthracene		0.400	
C790	Benzo(g,h,i)perylene		0.500	
CS20	Nitrobenzene-d5 . . . (SS)	N	0.200	
CS25	2-Fluorobiphenyl . . . (SS)	N	0.700	
CS30	Terphenyl-d14 . . . . .(SS)	N	0.500	
CS35	Pyrene-d10 . . . . . (SS)	N	0.010	

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	C770	C775	C780	C785	C790	CS20	CS25	CS30	CS35
WAN1116A	WAN1116A	0.445	0.301	0.319	0.270	0.409	0.153	0.877	0.343	0.507
WAN1116E	WAN1116E	0.490	0.378	0.329	0.317	0.463	0.154	0.941	0.401	0.633
WAN1116B	WAN1116B	1.047	0.655	0.566	0.538	0.658	0.251	1.119	0.721	1.189
WAN1116	WAN1116	1.172	0.855	0.682	0.663	0.780	0.306	1.109	0.777	1.216
WAN1116D	WAN1116D	1.340	1.223	0.979	0.868	0.974	0.378	1.221	0.953	1.451

CODE	COMPOUND	TYPES	LOW LIMIT	HIGH LIMIT
CS45	Phenol-d5 . . . . . (SS)	N	0.800	
CS50	2-Fluorophenol . . . . (SS)	N	0.600	
CS55	2,4,6-Tribromophenol . (SS)	N		

RESPONSE FACTORS BY COMPOUND CODE

SAMPLE ID	FILE NAME	CS45	CS50	CS55
WAN1116A	WAN1116A	0.858	0.731	
WAN1116E	WAN1116E	0.847	0.688	0.008
WAN1116B	WAN1116B	1.221	0.875	0.032
WAN1116	WAN1116	1.532	1.102	0.043
WAN1116D	WAN1116D	1.745	1.170	0.065

Notes and summary data for this report.
Response Factor (number is the amount of nanograms)
AVE RF - Average Response Factor
%RSD - - Percent Relative Standard Deviation
CCC - - Calibration Check Compounds (*)
SPCC - - System Performance Check Compounds (**)
(1) - - Cannot be separated from diphenylamine

.92 4-26-91 RYA

4/26/91 8:37:09 SCAN 1 OF 5400
Acquisition started

Acquire Run 0:WAN1116 Acquiring
04/26/91 8:37:00 + 0:02 Free sectors: 16251 Scan: 4 of 5400
Sample: WAN1116 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No: WAN1116

*** GC descriptor: PP ***

GC temperature: 34 DegC Injector: 250 DegC
Elapsed time : 0: 3 min Interface: 250 DegC

Seq. #	Temp (DegC)	Rate (C/min)	Time (minutes) period	Time (minutes) total
1	35- 35	-	2.0	2.0
2	35- 50	5.0	3.0	5.0
3	50-320	8.0	33.7	38.7
4	320-320	-	6.3	45.0

Valve times (minutes)	Open	Close
Sweep/Split	1.0	0.0
Divert	45.0	3.0

*** Scan Parameters ***

MODE: EI (+) Centroid + Temp - Sequence: LL (10 time windows.)

Verified 4-26-91 RYA

Window # 1
Number of cycles: 700
Filament is OFF
Multiplier is ON and set to -1306. volts

MID scan Desc: PO Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 2
Number of cycles: 625
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: PO Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 3
Number of cycles: 350
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P1 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	78.524	85.525	0.117	1	80	10	1	0
2	102.531	109.533	0.117	1	80	10	1	0
3	125.538	132.540	0.117	1	80	10	1	0
4	136.541	143.543	0.117	1	80	10	1	0

Window # 4

Number of cycles: 175
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P2 Mass intervals: 3 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	59.518	66.520	0.117	1	80	10	1	0
2	123.537	138.541	0.251	1	80	10	1	0
3	160.548	167.550	0.117	1	80	10	1	0

Window # 5

Number of cycles: 400
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P3 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	105.532	108.532	0.050	1	80	10	1	0
2	131.540	134.540	0.050	1	80	10	1	0
3	138.542	144.543	0.100	1	80	10	1	0
4	161.548	165.549	0.067	1	80	10	1	0
5	168.551	173.552	0.084	1	80	10	1	0
6	195.559	202.560	0.117	1	80	10	1	0

Window # 6

Number of cycles: 320
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P4 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	107.532	110.533	0.050	1	80	10	1	0
2	137.541	140.542	0.050	1	80	10	1	0
3	148.545	155.546	0.117	1	80	10	1	0
4	157.547	165.549	0.134	1	80	10	1	0
5	166.550	170.551	0.067	1	80	10	1	0
6	182.555	185.555	0.050	1	80	10	1	0

Window # 7

Number of cycles: 455
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P5 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	162.549	167.550	0.084	1	80	10	1	0
2	174.552	179.554	0.084	1	80	10	1	0
3	184.555	189.557	0.084	1	80	10	1	0
4	196.559	199.560	0.050	1	80	10	1	0
5	263.579	270.581	0.117	1	80	10	1	0

Window # 8

Number of cycles: 775
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P6 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	163.549	168.550	0.084	1	80	10	1	0
2	197.559	205.561	0.134	1	80	10	1	0
3	207.562	213.564	0.100	1	80	10	1	0
4	217.565	220.566	0.050	1	80	10	1	0
5	239.572	245.573	0.100	1	80	10	1	0

Window # 9

Number of cycles: 1600
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Window # 10

Number of cycles: 10
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Interface number	0	
Sub-interface number	0	
# of acqu buffers	24	
Instrument type	Q	
Full scale mass	812	u
Zero scale mass	1	u
Intensity/ion	2	
Peak width	1000.	mmu
Offset at low mass	0	mmu
Offset at high mass	0	mmu
Voltage settling time(ms)	4	

Current instrument parameters.

	Positive ion mode	Negative ion mode
Resolution (high)	128.00	128.00
Resolution (low)	128.00	128.00
Ion energy	1.33	-4.00
Ion programming	8.00	-4.00

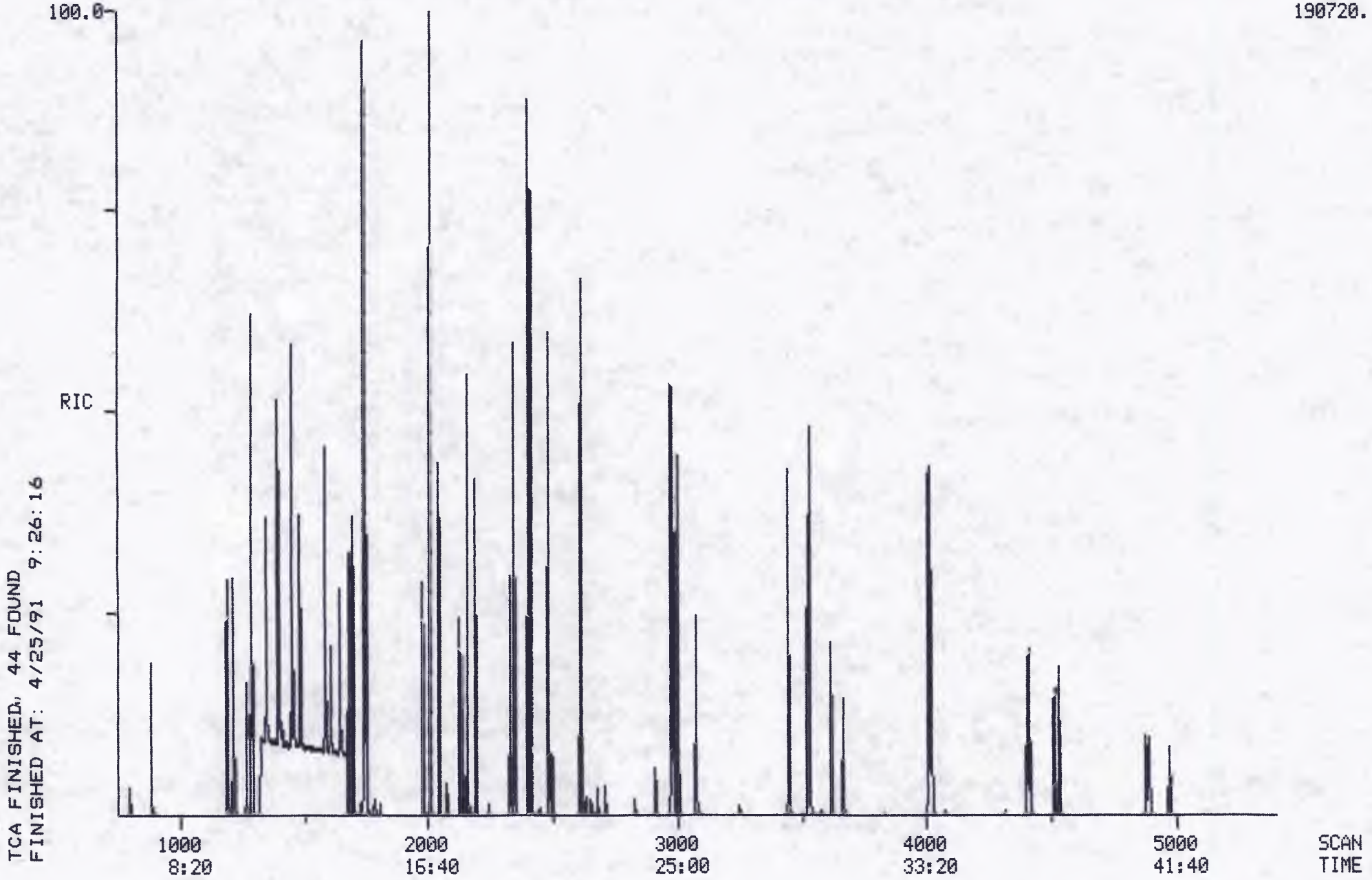
Extractor voltage 0.00 not used

Electron multiplier voltage: -1306.
Electrometer Range: 10 ^-7
Electrometer zero: 0.9

4/26/91 9:21:29
Acquisition completed
Scans 1 to 5400 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second	
Centroid	5400	74.0	2700.0	2.7	20966.	4.	8.

MIDRIC DATA: WAN1116 #1 SCANS 750 TO 5400
04/26/91 8:37:00 CALI: WAN1116 #5
SAMPLE: WAN1116 BNA STD MIX LABN1115C 8NG/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



Quantitation Report File: WAN1116

Data: WAN1116.TI
04/26/91 8:37:00
Sample: WAN1116 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	152	1291	10:46	1	1.000	A BB	126961.	5.000	UG/ML	2.48
2	136	1744	14:32	2	1.000	A BB	493823.	5.000	UG/ML	2.48
3	164	2406	20:03	3	1.000	A BB	249649.	5.000	UG/ML	2.48
4	188	2976	24:48	4	1.000	A BB	336696.	5.000	UG/ML	2.48
5	240	4014	33:27	5	1.000	A BB	187816.	5.000	UG/ML	2.48
6	264	4534	37:47	6	1.000	A BB	132520.	5.000	UG/ML	2.48
7	112	887	7:24	1	0.687	A BB	111894.	4.000	UG/ML	1.98
8	99	1190	9:55	1	0.922	A BB	155582.	4.000	UG/ML	1.98
9	94	1195	9:58	1	0.926	A BB	175334.	4.000	UG/ML	1.98
10	128	1220	10:10	1	0.945	A BB	125752.	4.000	UG/ML	1.98
11	108	1399	11:40	1	1.084	A BV	122387.	4.000	UG/ML	1.98
12	108	1456	12:08	1	1.128	A BV	129549.	4.000	UG/ML	1.98
13	82	1487	12:24	2	0.853	A BB	120885.	4.000	UG/ML	1.98
14	139	1610	13:25	2	0.923	A BB	53500.	4.000	UG/ML	1.98
15	107	1647	13:44	2	0.944	A BV	105002.	4.000	UG/ML	1.98
16	162	1701	14:11	2	0.975	A BB	87405.	4.000	UG/ML	1.98
17	128	1751	14:36	2	1.004	A BB	446316.	4.000	UG/ML	1.98
18	107	1982	16:31	2	1.136	M XX	83586.	4.000	UG/ML	1.98
19	142	2014	16:47	2	1.155	A BV	359247.	4.000	UG/ML	1.98
20	142	2049	17:05	2	1.175	A BB	157219.	4.000	UG/ML	1.98
21	196	2129	17:45	3	0.885	A BV	46214.	4.000	UG/ML	1.98
22	196	2139	17:50	3	0.889	A VB	45309.	4.000	UG/ML	1.98
23	172	2163	18:02	3	0.899	A BB	221470.	4.000	UG/ML	1.98
24	162	2195	18:18	3	0.912	A BB	218590.	4.000	UG/ML	1.98
25	152	2350	19:35	3	0.977	A BB	295062.	4.000	UG/ML	1.98
26	153	2419	20:10	3	1.005	A BB	211707.	4.000	UG/ML	1.98
27	184	2448	20:24	3	1.017	A BB	4332.	4.000	UG/ML	1.98
28	168	2486	20:43	3	1.033	A BB	304643.	4.000	UG/ML	1.98
29	109	2488	20:44	3	1.034	M XX	9735.	4.000	UG/ML	1.98
30	166	2619	21:50	3	1.089	A BB	229375.	4.000	UG/ML	1.98
31	330	2711	22:36	3	1.127	A BB	8593.	4.000	UG/ML	1.98
32	198	2653	22:07	4	0.891	A BB	12836.	4.000	UG/ML	1.98
33	266	2911	24:16	4	0.978	A BB	13619.	4.000	UG/ML	1.98
34	178	2985	24:53	4	1.003	A BB	309805.	4.000	UG/ML	1.98
35	178	3005	25:03	4	1.010	A BB	261878.	4.000	UG/ML	1.98
36	167	3078	25:39	4	1.034	A BB	150793.	4.000	UG/ML	1.98
37	202	3449	28:45	4	1.159	A BB	236680.	4.000	UG/ML	1.98
38	212	3527	29:24	5	0.879	A BB	182723.	4.000	UG/ML	1.98
39	202	3534	29:27	5	0.880	A BB	274465.	4.000	UG/ML	1.98
40	244	3620	30:10	5	0.902	A BB	116723.	4.000	UG/ML	1.98
41	219	3667	30:34	5	0.914	A BB	56083.	4.000	UG/ML	1.98
42	228	4010	33:25	5	0.999	A BV	148677.	4.000	UG/ML	1.98
43	228	4023	33:32	5	1.002	A VB	175022.	4.000	UG/ML	1.98
44	252	4406	36:43	6	0.972	A BV	118267.	4.000	UG/ML	1.98
45	252	4416	36:48	6	0.974	A VB	124303.	4.000	UG/ML	1.98
46	252	4515	37:38	6	0.996	A BB	90654.	4.000	UG/ML	1.98
47	276	4882	40:41	6	1.077	A BV	72306.	4.000	UG/ML	1.98
48	278	4894	40:47	6	1.079	A VB	70278.	4.000	UG/ML	1.98
49	276	4976	41:28	6	1.097	M XX	82721.	4.000	UG/ML	1.98

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	4.00	4.00	1.102	1.102	1.00
8	9:55	1.00	0.922	1.00	4.00	4.00	1.532	1.532	1.00
9	9:58	1.00	0.926	1.00	4.00	4.00	1.726	1.726	1.00
10	10:10	1.00	0.945	1.00	4.00	4.00	1.238	1.238	1.00
11	11:40	1.00	1.084	1.00	4.00	4.00	1.205	1.205	1.00
12	12:08	1.00	1.128	1.00	4.00	4.00	1.275	1.275	1.00
13	12:24	1.00	0.853	1.00	4.00	4.00	0.306	0.306	1.00
14	13:25	1.00	0.923	1.00	4.00	4.00	0.135	0.135	1.00
15	13:44	1.00	0.944	1.00	4.00	4.00	0.266	0.266	1.00
16	14:11	1.00	0.975	1.00	4.00	4.00	0.221	0.221	1.00
17	14:36	1.00	1.004	1.00	4.00	4.00	1.130	1.130	1.00
18	16:31	1.00	1.136	1.00	4.00	4.00	0.212	0.212	1.00
19	16:47	1.00	1.155	1.00	4.00	4.00	0.909	0.909	1.00
20	17:05	1.00	1.175	1.00	4.00	4.00	0.398	0.398	1.00
21	17:45	1.00	0.885	1.00	4.00	4.00	0.231	0.231	1.00
22	17:50	1.00	0.889	1.00	4.00	4.00	0.227	0.227	1.00
23	18:02	1.00	0.899	1.00	4.00	4.00	1.109	1.109	1.00
24	18:18	1.00	0.912	1.00	4.00	4.00	1.094	1.094	1.00
25	19:35	1.00	0.977	1.00	4.00	4.00	1.477	1.477	1.00
26	20:10	1.00	1.005	1.00	4.00	4.00	1.060	1.060	1.00
27	20:24	1.00	1.017	1.00	4.00	4.00	0.022	0.022	1.00
28	20:43	1.00	1.033	1.00	4.00	4.00	1.525	1.525	1.00
29	20:44	1.00	1.034	1.00	4.00	4.00	0.049	0.049	1.00
30	21:50	1.00	1.089	1.00	4.00	4.00	1.148	1.148	1.00
31	22:36	1.00	1.127	1.00	4.00	4.00	0.043	0.043	1.00
32	22:07	1.00	0.891	1.00	4.00	4.00	0.048	0.048	1.00
33	24:16	1.00	0.978	1.00	4.00	4.00	0.051	0.051	1.00
34	24:53	1.00	1.003	1.00	4.00	4.00	1.150	1.150	1.00
35	25:03	1.00	1.010	1.00	4.00	4.00	0.972	0.972	1.00
36	25:39	1.00	1.034	1.00	4.00	4.00	0.560	0.560	1.00
37	28:45	1.00	1.159	1.00	4.00	4.00	0.879	0.879	1.00
38	29:24	1.00	0.879	1.00	4.00	4.00	1.216	1.216	1.00
39	29:27	1.00	0.880	1.00	4.00	4.00	1.827	1.827	1.00
40	30:10	1.00	0.902	1.00	4.00	4.00	0.777	0.777	1.00
41	30:34	1.00	0.914	1.00	4.00	4.00	0.373	0.373	1.00
42	33:25	1.00	0.999	1.00	4.00	4.00	0.990	0.990	1.00
43	33:32	1.00	1.002	1.00	4.00	4.00	1.165	1.165	1.00
44	36:43	1.00	0.972	1.00	4.00	4.00	1.116	1.116	1.00
45	36:48	1.00	0.974	1.00	4.00	4.00	1.172	1.172	1.00
46	37:38	1.00	0.996	1.00	4.00	4.00	0.855	0.855	1.00
47	40:41	1.00	1.077	1.00	4.00	4.00	0.682	0.682	1.00
48	40:47	1.00	1.079	1.00	4.00	4.00	0.663	0.663	1.00
49	41:28	1.00	1.097	1.00	4.00	4.00	0.780	0.780	1.00

FILE USED: D:WAN1116.TI
DATE GENERATED: 4/25/91 9:49:05

1	LL	1	0	0	-1291	0	0	0	0	0	0
2	LL	2	0	0	-1744	0	0	0	0	0	0
3	LL	3	0	0	-2406	0	0	0	0	0	0
4	LL	4	0	0	-2976	0	0	0	0	0	0
5	LL	5	0	0	-4014	0	0	0	0	0	0
6	LL	6	0	0	-4534	0	0	0	0	0	0
7	LL	7	0	0	-560	0	0	0	0	0	0
8	LL	8	0	0	-887	0	0	0	0	0	0
9	LL	9	0	0	-1086	0	0	0	0	0	0
10	LL	10	0	0	-1190	0	0	0	0	0	0
11	LL	11	0	0	-1195	0	0	0	0	0	0
12	LL	12	0	0	-1166	0	0	0	0	0	0
13	LL	13	0	0	-1177	0	0	0	0	0	0
14	LL	14	0	0	-1220	0	0	0	0	0	0
15	LL	15	0	0	-1215	0	0	0	0	0	0
16	LL	16	0	0	-1242	0	0	0	0	0	0
17	LL	17	0	0	-1298	0	0	0	0	0	0
18	LL	18	0	0	-1289	0	0	0	0	0	0
19	LL	19	0	0	-1300	0	0	0	0	0	0
20	LL	20	0	0	-1399	0	0	0	0	0	0
21	LL	21	0	0	-1348	0	0	0	0	0	0
22	LL	22	0	0	-1394	0	0	0	0	0	0
23	LL	23	0	0	-1401	0	0	0	0	0	0
24	LL	24	0	0	-1456	0	0	0	0	0	0
25	LL	25	0	0	-1487	0	0	0	0	0	0
26	LL	26	0	0	-1436	0	0	0	0	0	0
27	LL	27	0	0	-1528	0	0	0	0	0	0
28	LL	28	0	0	-1610	0	0	0	0	0	0
29	LL	29	0	0	-1647	0	0	0	0	0	0
30	LL	30	0	0	-1619	0	0	0	0	0	0
31	LL	31	0	0	-1701	0	0	0	0	0	0
32	LL	32	0	0	-1652	0	0	0	0	0	0
33	LL	33	0	0	-1662	0	0	0	0	0	0
34	LL	34	0	0	-1751	0	0	0	0	0	0
35	LL	35	0	0	-1727	0	0	0	0	0	0
36	LL	36	0	0	-1728	0	0	0	0	0	0
37	LL	37	0	0	-1741	0	0	0	0	0	0
38	LL	38	0	0	-1982	0	0	0	0	0	0
39	LL	39	0	0	-2014	0	0	0	0	0	0
40	LL	40	0	0	-2049	0	0	0	0	0	0
41	LL	41	0	0	-2006	0	0	0	0	0	0
42	LL	42	0	0	-2129	0	0	0	0	0	0
43	LL	43	0	0	-2139	0	0	0	0	0	0
44	LL	44	0	0	-2163	0	0	0	0	0	0
45	LL	45	0	0	-2195	0	0	0	0	0	0
46	LL	46	0	0	-2179	0	0	0	0	0	0
47	LL	47	0	0	-2263	0	0	0	0	0	0
48	LL	48	0	0	-2350	0	0	0	0	0	0
49	LL	49	0	0	-2280	0	0	0	0	0	0
50	LL	50	0	0	-2340	0	0	0	0	0	0
51	LL	51	0	0	-2419	0	0	0	0	0	0
52	LL	52	0	0	-2448	0	0	0	0	0	0
53	LL	53	0	0	-2502	0	0	0	0	0	0
54	LL	54	0	0	-2486	0	0	0	0	0	0
55	LL	55	0	0	-2488	0	0	0	0	0	0
56	LL	56	0	0	-2431	0	0	0	0	0	0
57	LL	57	0	0	-2539	0	0	0	0	0	0
58	LL	58	0	0	-2619	0	0	0	0	0	0
59	LL	59	0	0	-2552	0	0	0	0	0	0
60	LL	60	0	0	-2537	0	0	0	0	0	0
61	LL	61	0	0	-2558	0	0	0	0	0	0
62	LL	62	0	0	-2580	0	0	0	0	0	0

64	LL	64	0	0	-2653	0	0	0	0	0	0
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66	LL	66	0	0	-2742	0	0	0	0	0	0
67	LL	67	0	0	-2752	0	0	0	0	0	0
68	LL	68	0	0	-2911	0	0	0	0	0	0
69	LL	69	0	0	-2985	0	0	0	0	0	0
70	LL	70	0	0	-3005	0	0	0	0	0	0
71	LL	71	0	0	-3078	0	0	0	0	0	0
72	LL	72	0	0	-3169	0	0	0	0	0	0
73	LL	73	0	0	-3449	0	0	0	0	0	0
74	LL	74	0	0	-3412	0	0	0	0	0	0
75	LL	75	0	0	-3527	0	0	0	0	0	0
76	LL	76	0	0	-3534	0	0	0	0	0	0
77	LL	77	0	0	-3620	0	0	0	0	0	0
78	LL	78	0	0	-3667	0	0	0	0	0	0
79	LL	79	0	0	-3740	0	0	0	0	0	0
80	LL	80	0	0	-4010	0	0	0	0	0	0
81	LL	81	0	0	-3921	0	0	0	0	0	0
82	LL	82	0	0	-4023	0	0	0	0	0	0
83	LL	83	0	0	-3976	0	0	0	0	0	0
84	LL	84	0	0	-4216	0	0	0	0	0	0
85	LL	85	0	0	-4406	0	0	0	0	0	0
86	LL	86	0	0	-4416	0	0	0	0	0	0
87	LL	87	0	0	-4515	0	0	0	0	0	0
88	LL	88	0	0	-4882	0	0	0	0	0	0
89	LL	89	0	0	-4764	0	0	0	0	0	0
90	LL	90	0	0	-4894	0	0	0	0	0	0
91	LL	91	0	0	-4976	0	0	0	0	0	0

Quantitation Report File: WAN1116

Data: WAN1116.TI
04/26/91 8:37:00
Sample: WAN1116 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
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30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1291	10:46	1	1.000	A BB	126961.	5.000 UG/ML	2.07
2	136	1744	14:32	2	1.000	A BB	493823.	5.000 UG/ML	2.07
3	164	2406	20:03	3	1.000	A BB	249649.	5.000 UG/ML	2.07
4	188	2976	24:48	4	1.000	A BB	336696.	5.000 UG/ML	2.07
5	240	4014	33:27	5	1.000	A BB	187816.	5.000 UG/ML	2.07
6	264	4534	37:47	6	1.000	A BB	132520.	5.000 UG/ML	2.07
7	112	887	7:24	1	0.687	A BB	111894.	5.806 UG/ML	2.41
8	99	1190	9:55	1	0.922	A BB	155582.	5.570 UG/ML	2.31
9	94	1195	9:58	1	0.926	A BB	175334.	6.127 UG/ML	2.54
10	128	1220	10:10	1	0.945	A BB	125752.	4.615 UG/ML	1.91
11	108	1399	11:40	1	1.084	A BV	122387.	5.694 UG/ML	2.36
12	108	1456	12:08	1	1.128	A BV	129549.	9.028 UG/ML	3.75
13	82	1487	12:24	2	0.853	A BB	120885.	3.880 UG/ML	1.61
14	139	1610	13:25	2	0.923	A BB	53500.	4.818 UG/ML	2.00
15	107	1647	13:44	2	0.944	A BV	105002.	6.596 UG/ML	2.74
16	162	1701	14:11	2	0.975	A BB	87405	7.458 UG/ML	3.09
17	128	1751	14:36	2	1.004	A BB	446316.	4.157 UG/ML	1.72
18	NOT FOUND(107)						83586		
19	142	2014	16:47	2	1.155	A BV	359247.	3.942 UG/ML	1.64
20	142	2049	17:05	2	1.175	A BB	157219.	3.940 UG/ML	1.63
21	196	2129	17:45	3	0.885	A BV	46214.	4.942 UG/ML	2.05
22	196	2139	17:50	3	0.889	A VB	45309.	9.103 UG/ML	3.78
23	172	2163	18:02	3	0.899	A BB	221470.	3.609 UG/ML	1.50
24	162	2195	18:18	3	0.912	A BB	218590.	3.858 UG/ML	1.60
25	152	2350	19:35	3	0.977	A BB	295062.	4.109 UG/ML	1.70
26	153	2419	20:10	3	1.005	A BB	211707.	3.829 UG/ML	1.59
27	184	2448	20:24	3	1.017	A BB	4332.	13.391 UG/ML	5.56
28	168	2486	20:43	3	1.033	A BB	304643.	4.256 UG/ML	1.77
29	NOT FOUND(109) 2488						9735		
30	166	2619	21:50	3	1.089	A BB	229375.	4.146 UG/ML	1.72
31	330	2711	22:36	3	1.127	A BB	8593.	6.200 UG/ML	2.57
32	198	2653	22:07	4	0.891	A BB	12836.	6.346 UG/ML	2.63
33	266	2911	24:16	4	0.978	A BB	13619.	12.565 UG/ML	5.21
34	178	2985	24:53	4	1.003	A BB	309805.	3.864 UG/ML	1.60
35	178	3005	25:03	4	1.010	A BB	261878.	4.152 UG/ML	1.72
36	167	3078	25:39	4	1.034	A BB	150793.	6.815 UG/ML	2.83
37	202	3449	28:45	4	1.159	A BB	236680.	4.722 UG/ML	1.96
38	212	3527	29:24	5	0.879	A BB	182723.	4.060 UG/ML	1.68
39	202	3534	29:27	5	0.880	A BB	274465.	4.052 UG/ML	1.68
40	244	3620	30:10	5	0.902	A BB	116723.	4.163 UG/ML	1.73
41	219	3667	30:34	5	0.914	A BB	56083.	4.127 UG/ML	1.71
42	228	4010	33:25	5	0.999	A BV	148677.	3.956 UG/ML	1.64
43	228	4023	33:32	5	1.002	A VB	175022.	3.997 UG/ML	1.66
44	252	4406	36:43	6	0.972	A BV	118267.	3.986 UG/ML	1.65
45	252	4416	36:48	6	0.974	A VB	124303.	4.017 UG/ML	1.67
46	252	4515	37:38	6	0.996	A BB	90654.	3.753 UG/ML	1.56
47	276	4882	40:41	6	1.077	A BV	72306.	3.625 UG/ML	1.50
48	278	4894	40:47	6	1.079	A VB	70278.	3.758 UG/ML	1.56
49	NOT FOUND(276) 4976						82,721		

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:34	1.02	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:20	1.01	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	19:49	1.01	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:33	1.01	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:10	1.01	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:29	1.01	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:14	1.02	0.684	1.00	5.81	4.00	1.102	0.759	1.45
8	9:47	1.01	0.927	0.99	5.57	4.00	1.532	1.100	1.39
9	9:49	1.01	0.930	1.00	6.13	4.00	1.726	1.127	1.53
10	10:00	1.02	0.946	1.00	4.61	4.00	1.238	1.073	1.15
11	11:30	1.01	1.089	0.99	5.69	4.00	1.205	0.847	1.42
12	11:59	1.01	1.135	0.99	9.03	4.00	1.275	0.565	2.26
13	12:12	1.02	0.852	1.00	3.88	4.00	0.306	0.315	0.97
14	13:14	1.01	0.923	1.00	4.82	4.00	0.135	0.112	1.20
15	13:34	1.01	0.947	1.00	6.60	4.00	0.266	0.161	1.65
16	14:01	1.01	0.978	1.00	7.46	4.00	0.221	0.119	1.86
17	14:24	1.01	1.005	1.00	4.16	4.00	1.130	1.087	1.04
18	16:30		1.152						
19	16:34	1.01	1.156	1.00	3.94	4.00	0.909	0.923	0.99
20	16:52	1.01	1.177	1.00	3.94	4.00	0.398	0.404	0.99
21	17:33	1.01	0.885	1.00	4.94	4.00	0.231	0.187	1.24
22	17:40	1.01	0.891	1.00	9.10	4.00	0.227	0.100	2.28
23	17:49	1.01	0.899	1.00	3.61	4.00	1.109	1.229	0.90
24	18:04	1.01	0.912	1.00	3.86	4.00	1.094	1.135	0.96
25	19:21	1.01	0.976	1.00	4.11	4.00	1.477	1.438	1.03
26	19:56	1.01	1.005	1.00	3.83	4.00	1.060	1.107	0.96
27	20:14	1.01	1.021	1.00	13.39	4.00	0.022	0.006	3.35
28	20:30	1.01	1.034	1.00	4.26	4.00	1.525	1.434	1.06
29	21:00		1.059						
30	21:35	1.01	1.089	1.00	4.15	4.00	1.148	1.108	1.04
31	22:22	1.01	1.128	1.00	6.20	4.00	0.043	0.028	1.55
32	21:54	1.01	0.892	1.00	6.35	4.00	0.048	0.030	1.59
33	24:02	1.01	0.979	1.00	12.56	4.00	0.051	0.016	3.14
34	24:38	1.01	1.003	1.00	3.86	4.00	1.150	1.191	0.97
35	24:48	1.01	1.010	1.00	4.15	4.00	0.972	0.937	1.04
36	25:26	1.01	1.036	1.00	6.82	4.00	0.560	0.329	1.70
37	28:29	1.01	1.160	1.00	4.72	4.00	0.879	0.744	1.18
38	29:07	1.01	0.878	1.00	4.06	4.00	1.216	1.198	1.02
39	29:11	1.01	0.880	1.00	4.05	4.00	1.827	1.803	1.01
40	29:54	1.01	0.902	1.00	4.16	4.00	0.777	0.746	1.04
41	30:17	1.01	0.913	1.00	4.13	4.00	0.373	0.362	1.03
42	33:08	1.01	0.999	1.00	3.96	4.00	0.990	1.001	0.99
43	33:15	1.01	1.003	1.00	4.00	4.00	1.165	1.166	1.00
44	36:25	1.01	0.972	1.00	3.99	4.00	1.116	1.119	1.00
45	36:30	1.01	0.974	1.00	4.02	4.00	1.172	1.168	1.00
46	37:19	1.01	0.996	1.00	3.75	4.00	0.855	0.911	0.94
47	40:18	1.01	1.075	1.00	3.63	4.00	0.682	0.752	0.91
48	40:24	1.01	1.078	1.00	3.76	4.00	0.663	0.706	0.94
49	41:02		1.095						

PROCEDURE: TCA DIAGNOSTIC REPORT 4/25/91 9:21:16
DATA FILE: WAN1116
REFERENCE: BNA11
NAME LIST: LLBNA INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: LLBNAX

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
6	4	1	36	12	12	2	256	LLBNAX/LLBNA1
1	1	1	0	9	8	2	195	LLBNAX2/LLBNA2
1	1	1	0	6	6	2	244	LLBNAX3/LLBNA3
1	1	1	0	7	6	1	355	LLBNAX3/LLBNA4
1	1	1	0	7	7	2	163	LLBNAX4/LLBNA5
1	1	1	0	7	7	1	71	LLBNAX5/LLBNA6
1	1	1	0	7	6	2	140	LLBNAX6/LLBNA7

49 COMPOUNDS PROCESSED, 44 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	LL	1	-1267	1291	1291	.	1	906	.	152	1291	.	1
2	LL	2	-1719	1744	1744	.	1	989	.	136	1744	.	1
3	LL	3	-2378	2406	2406	.	1	978	.	164	2406	.	1
4	LL	4	-2946	2976	2976	.	1	906	.	188	2976	.	1
5	LL	5	-3979	4013	.	.	.	.	.	240	4014	.	1
6	LL	6	-4497	4533	.	.	.	.	.	264	4534	.	1
7	LL	8	-867	885	887	2	1	998	.	112	887	.	1
8	LL	10	-1174	1194	1190	-4	1	990	.	99	1190	.	1
9	LL	11	-1178	1198	1195	-3	1	998	.	94	1195	.	1
10	LL	14	-1199	1219	1220	1	1	980	.	128	1220	.	1
11	LL	20	-1380	1401	1399	-2	1	994	.	108	1399	.	1
12	LL	24	-1438	1459	1456	-3	2	999	.	108	1456	.	1
13	LL	25	-1464	1485	1487	2	1	972	.	82	1487	.	1
14	LL	28	-1587	1609	1610	1	1	957	.	139	1610	.	1
15	LL	29	-1628	1651	1648	-3	1	998	.	107	1647	-1	1
16	LL	31	-1682	1705	1702	-3	1	994	.	162	1701	-1	1
17	LL	34	-1727	1750	1751	1	1	991	.	128	1751	.	1
18	LL	38	-1980	2005	.	.	.	.	.	107	.	.	.
19	LL	39	-1988	2013	2014	1	1	985	.	142	2014	.	1
20	LL	40	-2023	2049	2049	.	2	988	.	142	2049	.	1
21	LL	42	-2105	2129	2129	.	2	995	.	196	2129	.	1
22	LL	43	-2119	2143	2139	-4	1	998	.	196	2139	.	1
23	LL	44	-2137	2161	2163	2	1	995	.	172	2163	.	1
24	LL	45	-2168	2193	2195	2	1	1000	.	162	2195	.	1
25	LL	48	-2322	2350	2350	.	1	996	.	152	2350	.	1
26	LL	51	-2391	2417	2419	2	1	998	.	153	2419	.	1
27	LL	52	-2428	2454	2448	-6	1	968	.	184	2448	.	1
28	LL	54	-2459	2485	2486	1	1	996	.	168	2486	.	1
29	LL	55	-2519	2546	.	.	.	.	.	109	.	.	.
30	LL	58	-2590	2618	2619	1	1	987	.	166	2619	.	1
31	LL	63	-2683	2711	2711	.	1	979	.	330	2711	.	1
32	LL	64	-2628	2654	2653	-1	1	997	.	198	2653	.	1
33	LL	68	-2884	2912	2911	-1	2	965	.	266	2911	.	1
34	LL	69	-2955	2984	2985	1	1	986	.	178	2985	.	1
35	LL	70	-2975	3004	3005	1	1	985	.	178	3005	.	1
36	LL	71	-3051	3080	3078	-2	1	999	.	167	3078	.	1
37	LL	73	-3417	3449	3449	.	1	998	.	202	3449	.	1
38	LL	75	-3494	3527	3527	.	1	972	.	212	3527	.	1
39	LL	76	-3501	3534	3534	.	1	999	.	202	3534	.	1
40	LL	77	-3588	3621	3620	-1	1	985	.	244	3620	.	1
41	LL	78	-3634	3667	3668	1	1	975	.	219	3667	-1	1
42	LL	80	-3976	4010	4011	1	1	952	.	228	4010	-1	1
43	LL	82	-3989	4023	4023	.	1	948	.	228	4023	.	1
44	LL	85	-4370	4405	4406	1	1	960	.	252	4406	.	1

46	LL	87	-4478	4516	4515	-1	1	963	.	252	4515	.	1
47	LL	88	-4836	4882	4882	.	1	968	.	276	4882	.	1
48	LL	90	-4848	4894	4894	.	1	943	.	278	4894	.	1
49	LL	91	-4924	4971	.	.	.	.	.	276	.	.	.

.92 4-26-91 Rya

4/26/91 9:30:34 SCAN 1 OF 5400
Acquisition started

Acquire
04/26/91 9:30:00 + 0:02
Sample: WAN1116A BNA STD MIX
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A
Submitted by: RGX-WDOE

Run O:WAN1116A
Free sectors: 15866
LABN1115A 0.4NG/2UL INJ
Instrument: 5100
Analyst: RYA/WDOE

Acquiring
Scan: 3 of 5400
Weight: 0.000
Acct. No: WAN1116

*** GC descriptor: PP ***

GC temperature: 35 DegC
Elapsed time : 0: 3 min

Injector: 250 DegC
Interface: 250 DegC

Seq. #	Temp (DegC)	Rate (C/min)	Time (minutes) period	Time (minutes) total
1	35- 35	-	2.0	2.0
2	35- 50	5.0	3.0	5.0
3	50-320	8.0	33.7	38.7
4	320-320	-	6.3	45.0

Valve times (minutes)

	Open	Close
Sweep/Split	1.0	0.0
Divert	45.0	3.0

*** Scan Parameters ***

MODE: EI (+) Centroid + Temp - Sequence: LL (10 time windows.)

Verified 4-26-91 Rya

Window # 1
Number of cycles: 700
Filament is OFF
Multiplier is ON and set to -1306. volts

MID scan Desc: P0 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 2
Number of cycles: 625
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P0 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 3
Number of cycles: 350
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P1 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	78.524	85.525	0.117	1	80	10	1	0
2	102.531	109.533	0.117	1	80	10	1	0
3	125.538	132.540	0.117	1	80	10	1	0
4	136.541	143.543	0.117	1	80	10	1	0

Window # 4

Number of cycles: 175
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P2 Mass intervals: 3 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	59.518	66.520	0.117	1	80	10	1	0
2	123.537	138.541	0.251	1	80	10	1	0
3	160.548	167.550	0.117	1	80	10	1	0

Window # 5

Number of cycles: 400
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P3 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	105.532	108.532	0.050	1	80	10	1	0
2	131.540	134.540	0.050	1	80	10	1	0
3	138.542	144.543	0.100	1	80	10	1	0
4	161.548	165.549	0.067	1	80	10	1	0
5	168.551	173.552	0.084	1	80	10	1	0
6	195.559	202.560	0.117	1	80	10	1	0

Window # 6

Number of cycles: 320
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P4 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	107.532	110.533	0.050	1	80	10	1	0
2	137.541	140.542	0.050	1	80	10	1	0
3	148.545	155.546	0.117	1	80	10	1	0
4	157.547	165.549	0.134	1	80	10	1	0
5	166.550	170.551	0.067	1	80	10	1	0
6	182.555	185.555	0.050	1	80	10	1	0

Window # 7

Number of cycles: 455
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P5 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	162.549	167.550	0.084	1	80	10	1	0
2	174.552	179.554	0.084	1	80	10	1	0
3	184.555	189.557	0.084	1	80	10	1	0
4	196.559	199.560	0.050	1	80	10	1	0
5	263.579	270.581	0.117	1	80	10	1	0

Window # 8

Number of cycles: 775
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P6 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	163.549	168.550	0.084	1	80	10	1	0
2	197.559	205.561	0.134	1	80	10	1	0
3	207.562	213.564	0.100	1	80	10	1	0
4	217.565	220.566	0.050	1	80	10	1	0
5	239.572	245.573	0.100	1	80	10	1	0

Window # 9

Number of cycles: 1600
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Window # 10

Number of cycles: 10
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Interface number	0	
Sub-interface number	0	
# of acqu buffers	24	
Instrument type	Q	
Full scale mass	812	u
Zero scale mass	1	u
Intensity/ion	2	
Peak width	1000.	mmu
Offset at low mass	0	mmu
Offset at high mass	0	mmu
Voltage settling time(ms)	4	

Current instrument parameters.

	Positive ion mode	Negative ion mode
Resolution (high)	128.00	128.00
Resolution (low)	128.00	128.00
Ion energy	1.33	-4.00
Ion programming	8.00	-4.00

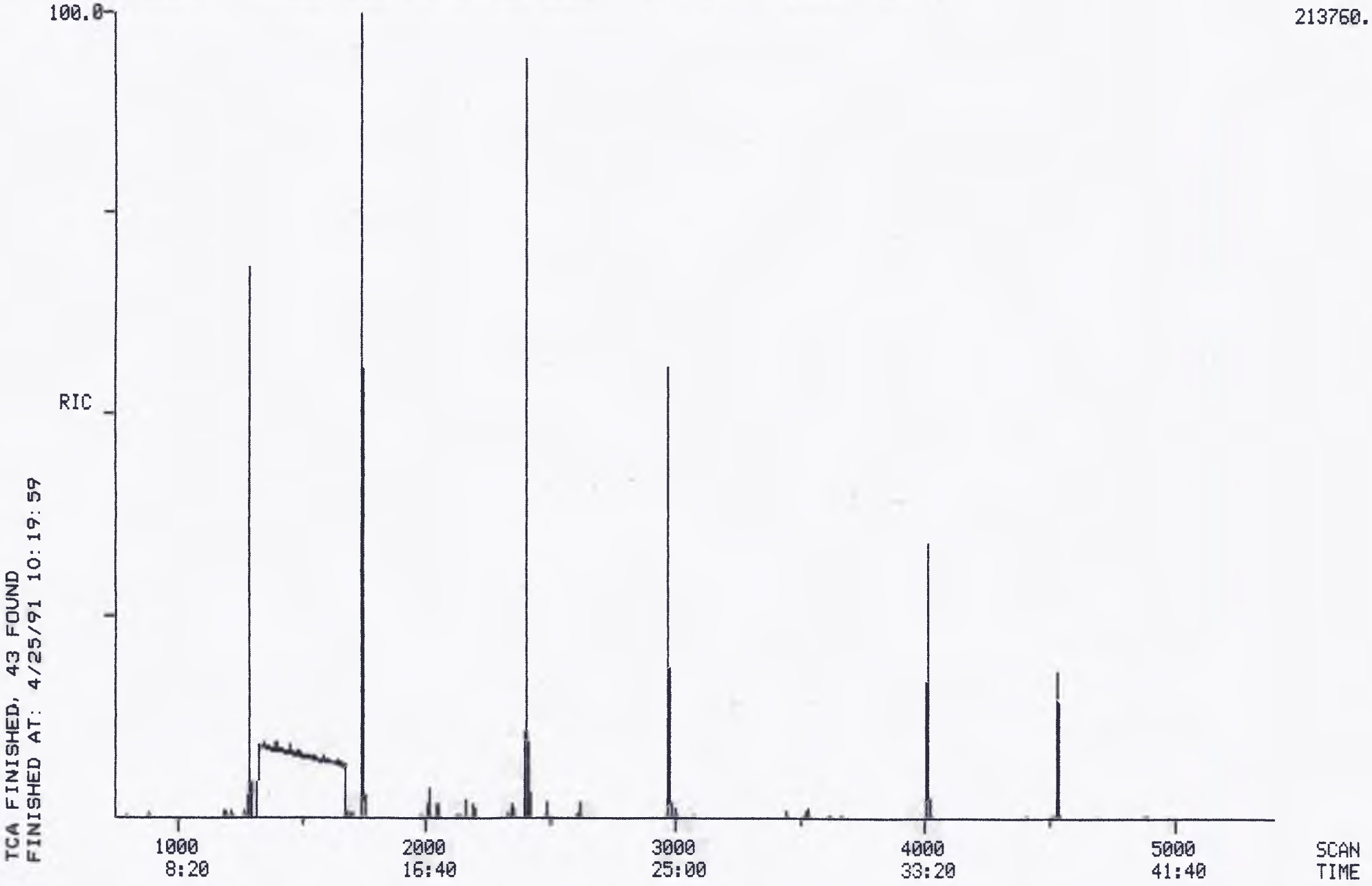
Extractor voltage 0.00 not used

Electron multiplier voltage: -1306.
Electrometer Range: 10 ^-7
Electrometer zero: 0.9

4/26/91 10:14:54
Acquisition completed
Scans 1 to 5400 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second	
Centroid	5400	56.8	2700.0	2.1	11555.	2.	4.

MIDRIC DATA: WAN1116A #1 SCANS 750 TO 5400
04/26/91 9:30:00 CALI: WAN1116A #5
SAMPLE: WAN1116A BNA STD MIX LABN1115A 0.4NG/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



Quantitation Report File: WAN1116A

Data: WAN1116A.TI
04/26/91 9:30:00
Sample: WAN1116A BNA STD MIX LABN1115A 0.4NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1292	10:46	1	1.000	A BB	153708.	5.000 UG/ML	13.30
2	136	1745	14:33	2	1.000	A BB	585844.	5.000 UG/ML	13.30
3	164	2407	20:04	3	1.000	A BV	286747.	5.000 UG/ML	13.30
4	188	2977	24:49	4	1.000	A BB	377867.	5.000 UG/ML	13.30
5	240	4014	33:27	5	1.000	A BB	192700.	5.000 UG/ML	13.30
6	264	4535	37:48	6	1.000	A BB	139928.	5.000 UG/ML	13.30
7	112	888	7:24	1	0.687	A BB	4496.	0.200 UG/ML	0.53
8	99	1191	9:56	1	0.922	A BB	5274.	0.200 UG/ML	0.53
9	94	1195	9:58	1	0.925	A BB	6306.	0.200 UG/ML	0.53
10	128	1221	10:11	1	0.945	A BB	4109.	0.200 UG/ML	0.53
11	108	1399	11:40	1	1.083	A BB	3717.	0.200 UG/ML	0.53
12	108	1457	12:09	1	1.128	A BB	3628.	0.200 UG/ML	0.53
13	82	1488	12:24	2	0.853	A BB	3575.	0.200 UG/ML	0.53
14	139	1610	13:25	2	0.923	A BB	971.	0.200 UG/ML	0.53
15	107	1648	13:44	2	0.944	A BB	2521.	0.200 UG/ML	0.53
16	162	1702	14:11	2	0.975	A BB	1923.	0.200 UG/ML	0.53
17	128	1752	14:36	2	1.004	A BB	23477.	0.200 UG/ML	0.53
18	107	1983	16:32	2	1.136	A BB	1411.	0.200 UG/ML	0.53
19	142	2014	16:47	2	1.154	A BB	15445.	0.200 UG/ML	0.53
20	142	2049	17:05	2	1.174	A BB	6475.	0.200 UG/ML	0.53
21	196	2130	17:45	3	0.885	A BB	753.	0.200 UG/ML	0.53
22	196	2141	17:51	3	0.889	M XX	594.	0.200 UG/ML	0.53
23	172	2163	18:02	3	0.899	A BB	10064.	0.200 UG/ML	0.53
24	162	2195	18:18	3	0.912	A BB	9313.	0.200 UG/ML	0.53
25	152	2350	19:35	3	0.976	A BB	9696.	0.200 UG/ML	0.53
26	153	2419	20:10	3	1.005	A BB	8629.	0.200 UG/ML	0.53
27	NOT FOUND								
28	168	2487	20:44	3	1.033	A BV	12043.	0.200 UG/ML	0.53
29	NOT FOUND								
30	166	2619	21:50	3	1.088	A BB	7445.	0.200 UG/ML	0.53
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	178	2985	24:53	4	1.003	A BB	13267.	0.200 UG/ML	0.53
35	178	3006	25:03	4	1.010	A BB	6989.	0.200 UG/ML	0.53
36	167	3079	25:40	4	1.034	A BB	3644.	0.200 UG/ML	0.53
37	202	3449	28:45	4	1.159	A BB	5317.	0.200 UG/ML	0.53
38	212	3527	29:24	5	0.879	A BB	3906.	0.200 UG/ML	0.53
39	202	3534	29:27	5	0.880	A BB	6931.	0.200 UG/ML	0.53
40	244	3621	30:11	5	0.902	A BB	2647.	0.200 UG/ML	0.53
41	219	3667	30:34	5	0.914	A BB	1022.	0.200 UG/ML	0.53
42	228	4013	33:27	5	1.000	M XX	4578.	0.200 UG/ML	0.53
43	228	4024	33:32	5	1.002	M XX	6664.	0.200 UG/ML	0.53
44	252	4406	36:43	6	0.972	A BV	2428.	0.200 UG/ML	0.53
45	252	4415	36:48	6	0.974	A VB	2491.	0.200 UG/ML	0.53
46	252	4515	37:38	6	0.996	A BB	1684.	0.200 UG/ML	0.53
47	276	4882	40:41	6	1.077	A BB	1788.	0.200 UG/ML	0.53
48	278	4894	40:47	6	1.079	A BB	1512.	0.200 UG/ML	0.53
49	276	4974	41:27	6	1.097	A BB	2286.	0.200 UG/ML	0.53

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	0.20	0.20	0.731	0.731	1.00
8	9:55	1.00	0.922	1.00	0.20	0.20	0.858	0.858	1.00
9	9:58	1.00	0.925	1.00	0.20	0.20	1.026	1.026	1.00
10	10:10	1.00	0.945	1.00	0.20	0.20	0.668	0.668	1.00
11	11:40	1.00	1.083	1.00	0.20	0.20	0.605	0.605	1.00
12	12:08	1.00	1.128	1.00	0.20	0.20	0.590	0.590	1.00
13	12:24	1.00	0.853	1.00	0.20	0.20	0.153	0.153	1.00
14	13:25	1.00	0.923	1.00	0.20	0.20	0.041	0.041	1.00
15	13:44	1.00	0.944	1.00	0.20	0.20	0.108	0.108	1.00
16	14:11	1.00	0.975	1.00	0.20	0.20	0.082	0.082	1.00
17	14:36	1.00	1.004	1.00	0.20	0.20	1.002	1.002	1.00
18	16:31	1.00	1.136	1.00	0.20	0.20	0.060	0.060	1.00
19	16:47	1.00	1.154	1.00	0.20	0.20	0.659	0.659	1.00
20	17:05	1.00	1.174	1.00	0.20	0.20	0.276	0.276	1.00
21	17:45	1.00	0.885	1.00	0.20	0.20	0.066	0.066	1.00
22	17:50	1.00	0.889	1.00	0.20	0.20	0.052	0.052	1.00
23	18:02	1.00	0.899	1.00	0.20	0.20	0.877	0.877	1.00
24	18:18	1.00	0.912	1.00	0.20	0.20	0.812	0.812	1.00
25	19:35	1.00	0.976	1.00	0.20	0.20	0.845	0.845	1.00
26	20:10	1.00	1.005	1.00	0.20	0.20	0.752	0.752	1.00
27	20:24		1.017						
28	20:43	1.00	1.033	1.00	0.20	0.20	1.050	1.050	1.00
29	20:44		1.034						
30	21:50	1.00	1.088	1.00	0.20	0.20	0.649	0.649	1.00
31	22:36		1.127						
32	22:07		0.891						
33	24:16		0.978						
34	24:53	1.00	1.003	1.00	0.20	0.20	0.878	0.878	1.00
35	25:03	1.00	1.010	1.00	0.20	0.20	0.462	0.462	1.00
36	25:39	1.00	1.034	1.00	0.20	0.20	0.241	0.241	1.00
37	28:45	1.00	1.159	1.00	0.20	0.20	0.352	0.352	1.00
38	29:24	1.00	0.879	1.00	0.20	0.20	0.507	0.507	1.00
39	29:27	1.00	0.880	1.00	0.20	0.20	0.899	0.899	1.00
40	30:10	1.00	0.902	1.00	0.20	0.20	0.343	0.343	1.00
41	30:34	1.00	0.914	1.00	0.20	0.20	0.133	0.133	1.00
42	33:25	1.00	1.000	1.00	0.20	0.20	0.594	0.594	1.00
43	33:32	1.00	1.002	1.00	0.20	0.20	0.865	0.865	1.00
44	36:43	1.00	0.972	1.00	0.20	0.20	0.434	0.434	1.00
45	36:48	1.00	0.974	1.00	0.20	0.20	0.445	0.445	1.00
46	37:38	1.00	0.996	1.00	0.20	0.20	0.301	0.301	1.00
47	40:41	1.00	1.077	1.00	0.20	0.20	0.319	0.319	1.00
48	40:47	1.00	1.079	1.00	0.20	0.20	0.270	0.270	1.00
49	41:28	1.00	1.097	1.00	0.20	0.20	0.409	0.409	1.00

Quantitation Report File: WAN1116A

Data: WAN1116A.TI
04/26/91 9:30:00
Sample: WAN1116A BNA STD MIX LABN1115A 0.4NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1292	10:46	1	1.000	A BB	153708.	5.000 UG/ML	14.74
2	136	1745	14:33	2	1.000	A BB	585844.	5.000 UG/ML	14.74
3	164	2407	20:04	3	1.000	A BV	286747	5.000 UG/ML	14.74
4	188	2977	24:49	4	1.000	A BB	377867	5.000 UG/ML	14.74
5	240	4014	33:27	5	1.000	A BB	192700	5.000 UG/ML	14.74
6	264	4535	37:48	6	1.000	A BB	139928	5.000 UG/ML	14.74
7	112	888	7:24	1	0.687	A BB	4496.	0.133 UG/ML	0.39
8	99	1191	9:56	1	0.922	A BB	5274.	0.112 UG/ML	0.33
9	94	1195	9:58	1	0.925	A BB	6306.	0.119 UG/ML	0.35
10	128	1221	10:11	1	0.945	A BB	4109.	0.108 UG/ML	0.32
11	108	1399	11:40	1	1.083	A BB	3717.	0.100 UG/ML	0.30
12	108	1457	12:09	1	1.128	A BB	3628.	0.093 UG/ML	0.27
13	82	1488	12:24	2	0.853	A BB	3575.	0.100 UG/ML	0.29
14	139	1610	13:25	2	0.923	A BB	971.	0.061 UG/ML	0.18
15	107	1648	13:44	2	0.944	A BB	2521.	0.081 UG/ML	0.24
16	162	1702	14:11	2	0.975	A BB	1923.	0.074 UG/ML	0.22
17	128	1752	14:36	2	1.004	A BB	23477.	0.177 UG/ML	0.52
18	107	1983	16:32	2	1.136	A BB	1411.	0.057 UG/ML	0.17
19	142	2014	16:47	2	1.154	A BB	15445.	0.145 UG/ML	0.43
20	142	2049	17:05	2	1.174	A BB	6475.	0.139 UG/ML	0.41
21	196	2130	17:45	3	0.885	A BB	753.	0.057 UG/ML	0.17
22	196	~~2130~~ 2141	17:45	3	0.885	A BB	594 ~~753.~~	0.058 UG/ML	0.17
23	172	2163	18:02	3	0.899	A BB	10064.	0.158 UG/ML	0.47
24	162	2195	18:18	3	0.912	A BB	9313.	0.148 UG/ML	0.44
25	152	2350	19:35	3	0.976	A BB	9696	? 0.114 UG/ML	0.34 ?
26	153	2419	20:10	3	1.005	A BB	8629.	0.142 UG/ML	0.42
27	NOT FOUND								
28	168	2487	20:44	3	1.033	A BV	12043.	0.138 UG/ML	0.41
29	NOT FOUND								
30	166	2619	21:50	3	1.088	A BB	7445.	? 0.113 UG/ML	0.33
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	178	2985	24:53	4	1.003	A BB	13267.	0.153 UG/ML	0.45
35	178	3006	25:03	4	1.010	A BB	6989.	? 0.095 UG/ML	0.28
36	167	3079	25:40	4	1.034	A BB	3644.	0.086 UG/ML	0.25
37	202	3449	28:45	4	1.159	A BB	5317	0.080 UG/ML	0.24
38	212	3527	29:24	5	0.879	A BB	3906	0.083 UG/ML	0.25
39	202	3534	29:27	5	0.880	A BB	6931	0.098 UG/ML	0.29
40	244	3621	30:11	5	0.902	A BB	2647	0.088 UG/ML	0.26
41	219	3667	30:34	5	0.914	A BB	1022	0.071 UG/ML	0.21
42	228	4013	33:27	5	1.000	A BV	4578 ~~4197.~~	0.110 UG/ML	0.32
43	228	4024	33:32	5	1.002	A VB	6664 ~~6140.~~	0.137 UG/ML	0.40
44	252	4406	36:43	6	0.972	A BV	2428.	0.078 UG/ML	0.23
45	252	4415	36:48	6	0.974	A VB	2491	0.076 UG/ML	0.22
46	252	4515	37:38	6	0.996	A BB	1684.	0.070 UG/ML	0.21
47	276	4882	40:41	6	1.077	A BB	1788	0.094 UG/ML	0.28
48	278	4894	40:47	6	1.079	A BB	1512	0.082 UG/ML	0.24
49	276	4974	41:27	6	1.097	A BB	2286.	0.105 UG/ML	0.31

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	0.13	4.00	0.037	1.102	0.03
8	9:55	1.00	0.922	1.00	0.11	4.00	0.043	1.532	0.03
9	9:58	1.00	0.926	1.00	0.12	4.00	0.051	1.726	0.03
10	10:10	1.00	0.945	1.00	0.11	4.00	0.033	1.238	0.03
11	11:40	1.00	1.084	1.00	0.10	4.00	0.030	1.205	0.03
12	12:08	1.00	1.128	1.00	0.09	4.00	0.030	1.275	0.02
13	12:24	1.00	0.853	1.00	0.10	4.00	0.008	0.306	0.02
14	13:25	1.00	0.923	1.00	0.06	4.00	0.002	0.135	0.02
15	13:44	1.00	0.944	1.00	0.08	4.00	0.005	0.266	0.02
16	14:11	1.00	0.975	1.00	0.07	4.00	0.004	0.221	0.02
17	14:36	1.00	1.004	1.00	0.18	4.00	0.050	1.130	0.04
18	16:31	1.00	1.136	1.00	0.06	4.00	0.003	0.212	0.01
19	16:47	1.00	1.155	1.00	0.14	4.00	0.033	0.909	0.04
20	17:05	1.00	1.175	1.00	0.14	4.00	0.014	0.398	0.03
21	17:45	1.00	0.885	1.00	0.06	4.00	0.003	0.231	0.01
22	17:50	1.00	0.889	1.00	0.06	4.00	0.003	0.227	0.01
23	18:02	1.00	0.899	1.00	0.16	4.00	0.044	1.109	0.04
24	18:18	1.00	0.912	1.00	0.15	4.00	0.041	1.094	0.04
25	19:35	1.00	0.977	1.00	0.11	4.00	0.042	1.477	0.03
26	20:10	1.00	1.005	1.00	0.14	4.00	0.038	1.060	0.04
27	20:24		1.017						
28	20:43	1.00	1.033	1.00	0.14	4.00	0.052	1.525	0.03
29	20:44		1.034						
30	21:50	1.00	1.089	1.00	0.11	4.00	0.032	1.148	0.03
31	22:36		1.127						
32	22:07		0.891						
33	24:16		0.978						
34	24:53	1.00	1.003	1.00	0.15	4.00	0.044	1.150	0.04
35	25:03	1.00	1.010	1.00	0.10	4.00	0.023	0.972	0.02
36	25:39	1.00	1.034	1.00	0.09	4.00	0.012	0.560	0.02
37	28:45	1.00	1.159	1.00	0.08	4.00	0.018	0.879	0.02
38	29:24	1.00	0.879	1.00	0.08	4.00	0.025	1.216	0.02
39	29:27	1.00	0.880	1.00	0.10	4.00	0.045	1.827	0.02
40	30:10	1.00	0.902	1.00	0.09	4.00	0.017	0.777	0.02
41	30:34	1.00	0.914	1.00	0.07	4.00	0.007	0.373	0.02
42	33:25	1.00	0.999	1.00	0.11	4.00	0.027	0.990	0.03
43	33:32	1.00	1.002	1.00	0.14	4.00	0.040	1.165	0.03
44	36:43	1.00	0.972	1.00	0.08	4.00	0.022	1.116	0.02
45	36:48	1.00	0.974	1.00	0.08	4.00	0.022	1.172	0.02
46	37:38	1.00	0.996	1.00	0.07	4.00	0.015	0.855	0.02
47	40:41	1.00	1.077	1.00	0.09	4.00	0.016	0.682	0.02
48	40:47	1.00	1.079	1.00	0.08	4.00	0.014	0.663	0.02
49	41:28	1.00	1.097	1.00	0.10	4.00	0.020	0.780	0.03

PROCEDURE: TCA DIAGNOSTIC REPORT 4/25/91 10:15:04
DATA FILE: WAN1116A
REFERENCE: BNA11
NAME LIST: LLBNA INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: LLBNAX

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
6	6	1	0	12	12	1	30	LLBNAX/LLBNA1
1	1	1	0	9	8	1	49	LLBNAX2/LLBNA2
1	1	1	0	6	6	1	413	LLBNAX3/LLBNA3
1	1	1	0	7	4	1	55	LLBNAX3/LLBNA4
1	1	1	0	7	5	1	49	LLBNAX4/LLBNA5
1	1	1	0	7	7	1	80	LLBNAX5/LLBNA6
1	1	1	0	7	7	2	98	LLBNAX6/LLBNA7

49 COMPOUNDS PROCESSED, 43 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	LL	1	-1291	1292	1292	.	1	950	.	152	1292	.	1
2	LL	2	-1744	1745	1745	.	1	991	.	136	1745	.	1
3	LL	3	-2406	2407	2407	.	1	980	.	164	2407	.	1
4	LL	4	-2976	2977	2977	.	1	913	.	188	2977	.	1
5	LL	5	-4014	4015	4015	.	1	975	.	240	4014	-1	1
6	LL	6	-4534	4535	4535	.	1	981	.	264	4535	.	1
7	LL	8	-887	888	888	.	1	997	.	112	888	.	1
8	LL	10	-1190	1191	1191	.	1	971	.	99	1191	.	1
9	LL	11	-1195	1196	1195	-1	1	1000	.	94	1195	.	1
10	LL	14	-1220	1221	1221	.	1	934	.	128	1221	.	1
11	LL	20	-1399	1400	1400	.	1	998	.	108	1399	-1	1
12	LL	24	-1456	1457	1457	.	1	993	.	108	1457	.	1
13	LL	25	-1487	1489	.	.	.	.	.	82	1488	.	1
14	LL	28	-1610	1611	1611	.	1	880	.	139	1610	-1	1
15	LL	29	-1647	1648	1648	.	1	867	.	107	1648	.	1
16	LL	31	-1701	1702	1703	1	1	918	.	162	1702	-1	1
17	LL	34	-1751	1752	1752	.	1	993	.	128	1752	.	1
18	LL	38	-1982	1982	1983	1	1	900	.	107	1983	.	1
19	LL	39	-2014	2014	2014	.	1	994	.	142	2014	.	1
20	LL	40	-2049	2049	2049	.	1	984	.	142	2049	.	1
21	LL	42	-2129	2127	2130	3	1	916	.	196	2130	.	1
22	LL	43	-2139	2137	2130	-7	1	874	.	196	2130	.	1
23	LL	44	-2163	2161	2164	3	1	996	.	172	2163	-1	1
24	LL	45	-2195	2194	2195	1	1	999	.	162	2195	.	1
25	LL	48	-2350	2350	2350	.	1	987	.	152	2350	.	1
26	LL	51	-2419	2420	2419	-1	1	996	.	153	2419	.	1
27	LL	52	-2448	2449	.	.	.	.	.	184	.	.	.
28	LL	54	-2486	2487	2487	.	1	993	.	168	2487	.	1
29	LL	55	-2488	2489	.	.	.	.	.	109	.	.	.
30	LL	58	-2619	2620	2620	.	1	986	.	166	2619	-1	1
31	LL	63	-2711	2712	.	.	.	.	.	330	.	.	.
32	LL	64	-2653	2653	.	.	.	.	.	198	.	.	.
33	LL	68	-2911	2912	.	.	.	.	.	266	.	.	.
34	LL	69	-2985	2986	2985	-1	1	981	.	178	2985	.	1
35	LL	70	-3005	3006	3006	.	1	970	.	178	3006	.	1
36	LL	71	-3078	3079	3079	.	1	978	.	167	3079	.	1
37	LL	73	-3449	3450	3450	.	1	970	.	202	3449	-1	1
38	LL	75	-3527	3527	3527	.	1	974	.	212	3527	.	1
39	LL	76	-3534	3534	3534	.	1	977	.	202	3534	.	1
40	LL	77	-3620	3621	3621	.	1	944	.	244	3621	.	1
41	LL	78	-3667	3668	3668	.	1	908	.	219	3667	-1	1
42	LL	80	-4010	4012	4013	1	1	920	.	228	4013	.	1
43	LL	82	-4023	4025	4024	-1	1	919	.	228	4024	.	1
44	LL	85	-4406	4406	4406	.	2	891	.	252	4406	.	1

46	LL	87	-4515	4515	4514	-1	1	891	.	252	4515	1	1
47	LL	88	-4882	4881	4881	.	1	868	.	276	4882	1	1
48	LL	90	-4894	4893	4894	1	1	937	.	278	4894	.	1
49	LL	91	-4976	4975	4974	-1	1	897	.	276	4974	.	1

92 4-26-91
Ryan

4/26/91 10:25:28 SCAN 1 OF 5400
Acquisition started

Acquire
04/26/91 10:25:00 + 0:02
Sample: WAN1116E BNA STD MIX
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A
Submitted by: RGX-WDOE

Run 0:WAN1116E
Free sectors: 15536
LABN1115E 0.8NG/2UL INJ
Instrument: 5100
Analyst: RYA/WDOE

Acquiring
Scan: 3 of 5400
Weight: 0.000
Acct. No: WAN1116

*** GC descriptor: PP ***

GC temperature: 31 DegC
Elapsed time : 0: 7 min

Injector: 250 DegC
Interface: 250 DegC

Seq. #	Temp (DegC)	Rate (C/min)	Time (minutes) period	Time (minutes) total
1	35- 35	-	2.0	2.0
2	35- 50	5.0	3.0	5.0
3	50-320	8.0	33.7	38.7
4	320-320	-	6.3	45.0

Valve times (minutes)	Open	Close
Sweep/Split	1.0	0.0
Divert	45.0	3.0

*** Scan Parameters ***

MODE: EI (+) Centroid + Temp - Sequence: LL (10 time windows.)

Verified 4-26-91
Ryan

Window # 1
Number of cycles: 700
Filament is OFF
Multiplier is ON and set to -1306. **volts**

MID scan Desc: PO Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 2
Number of cycles: 625
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: PO Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 3
Number of cycles: 350
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P1 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	78.524	85.525	0.117	1	80	10	1	0
2	102.531	109.533	0.117	1	80	10	1	0
3	125.538	132.540	0.117	1	80	10	1	0
4	136.541	143.543	0.117	1	80	10	1	0

Window # 4

Number of cycles: 175
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P2 Mass intervals: 3 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	59.518	66.520	0.117	1	80	10	1	0
2	123.537	138.541	0.251	1	80	10	1	0
3	160.548	167.550	0.117	1	80	10	1	0

Window # 5

Number of cycles: 400
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P3 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	105.532	108.532	0.050	1	80	10	1	0
2	131.540	134.540	0.050	1	80	10	1	0
3	138.542	144.543	0.100	1	80	10	1	0
4	161.548	165.549	0.067	1	80	10	1	0
5	168.551	173.552	0.084	1	80	10	1	0
6	195.559	202.560	0.117	1	80	10	1	0

Window # 6

Number of cycles: 320
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P4 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	107.532	110.533	0.050	1	80	10	1	0
2	137.541	140.542	0.050	1	80	10	1	0
3	148.545	155.546	0.117	1	80	10	1	0
4	157.547	165.549	0.134	1	80	10	1	0
5	166.550	170.551	0.067	1	80	10	1	0
6	182.555	185.555	0.050	1	80	10	1	0

Window # 7

Number of cycles: 455
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P5 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	162.549	167.550	0.084	1	80	10	1	0
2	174.552	179.554	0.084	1	80	10	1	0
3	184.555	189.557	0.084	1	80	10	1	0
4	196.559	199.560	0.050	1	80	10	1	0
5	263.579	270.581	0.117	1	80	10	1	0

Window # 8

Number of cycles: 775
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P6 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	163.549	168.550	0.084	1	80	10	1	0
2	197.559	205.561	0.134	1	80	10	1	0
3	207.562	213.564	0.100	1	80	10	1	0
4	217.565	220.566	0.050	1	80	10	1	0
5	239.572	245.573	0.100	1	80	10	1	0

Window # 9

Number of cycles: 1600
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Window # 10

Number of cycles: 10
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Interface number	0	
Sub-interface number	0	
# of acqu buffers	24	
Instrument type	Q	
Full scale mass	812	u
Zero scale mass	1	u
Intensity/ion	2	
Peak width	1000.	mmu
Offset at low mass	0	mmu
Offset at high mass	0	mmu
Voltage settling time(ms)	4	

Current instrument parameters.

	Positive ion mode	Negative ion mode
Resolution (high)	128.00	128.00
Resolution (low)	128.00	128.00
Ion energy	1.33	-4.00
Ion programming	8.00	-4.00

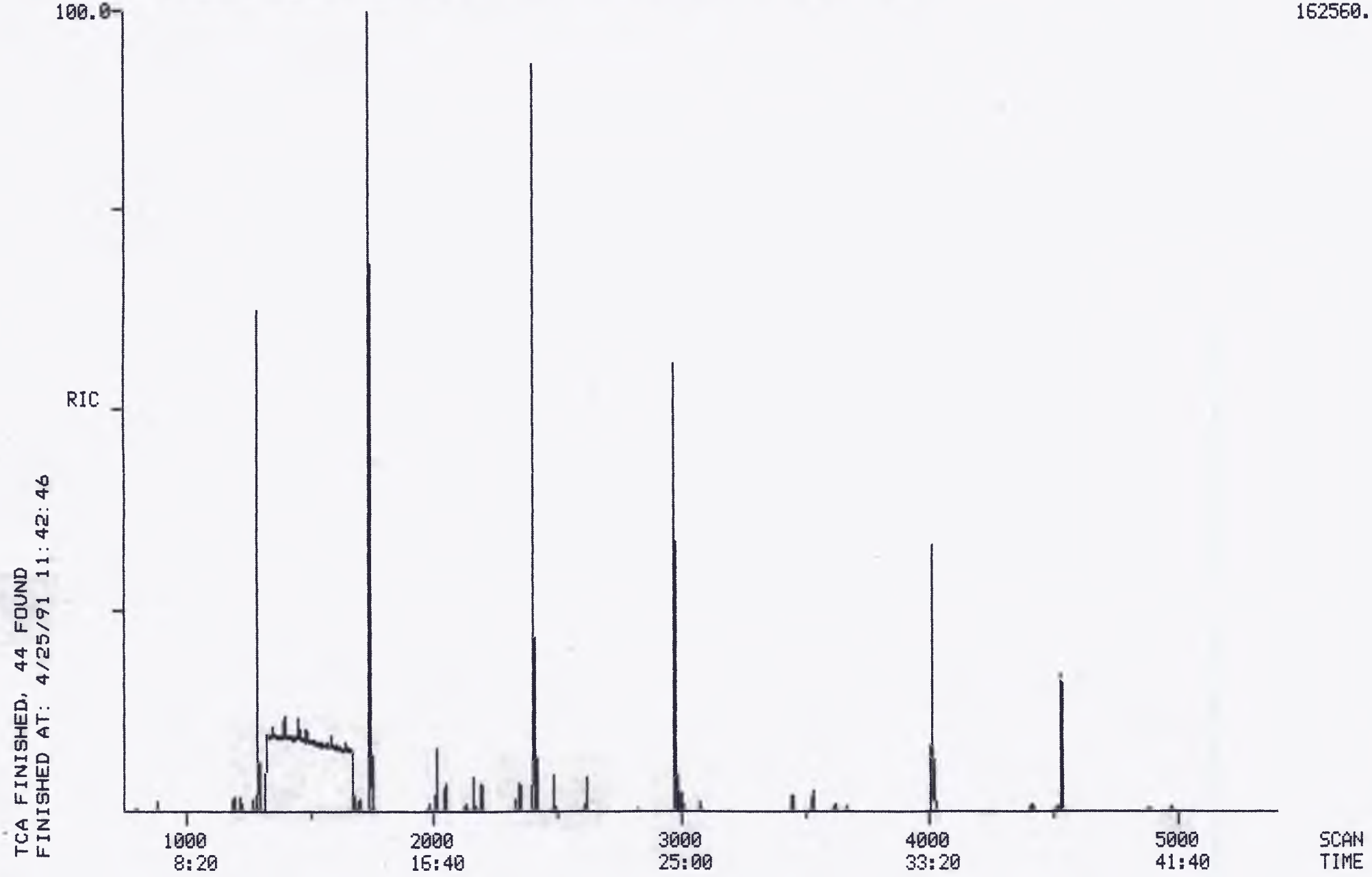
Extractor voltage 0.00 not used

Electron multiplier voltage: -1306.
Electrometer Range: 10 ^-7
Electrometer zero: 0.9

4/26/91 11:09:49
Acquisition completed
Scans 1 to 5400 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second
Centroid	5400	56.3	2700.0	2.1	11706.	2.	4.

MIDRIC DATA: WAN1116E #1 SCANS 750 TO 5400
04/26/91 10:25:00 CALI: WAN1116E #5
SAMPLE: WAN1116E BNA STD MIX LABN1115E 0.8NG/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



Quantitation Report File: WAN1116E

Data: WAN1116E.TI
04/26/91 10:25:00
Sample: WAN1116E BNA STD MIX LABN1115E 0.8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1292	10:46	1	1.000	A BB	110913.	5.000 UG/ML	10.97
2	136	1745	14:33	2	1.000	A BB	442858.	5.000 UG/ML	10.97
3	164	2408	20:04	3	1.000	A BV	214789.	5.000 UG/ML	10.97
4	188	2978	24:49	4	1.000	A BB	289097.	5.000 UG/ML	10.97
5	240	4016	33:28	5	1.000	A BB	146359.	5.000 UG/ML	10.97
6	264	4536	37:48	6	1.000	A BB	95897.	5.000 UG/ML	10.97
7	112	888	7:24	1	0.687	A BB	6103.	0.400 UG/ML	0.88
8	99	1191	9:56	1	0.922	A BB	7519.	0.400 UG/ML	0.88
9	94	1195	9:58	1	0.925	A BB	9447.	0.400 UG/ML	0.88
10	128	1221	10:11	1	0.945	A BB	5837.	0.400 UG/ML	0.88
11	108	1400	11:40	1	1.084	A BB	5863.	0.400 UG/ML	0.88
12	108	1457	12:09	1	1.128	A BB	5670.	0.400 UG/ML	0.88
13	82	1488	12:24	2	0.853	A BB	5460.	0.400 UG/ML	0.88
14	139	1611	13:26	2	0.923	A BB	1631.	0.400 UG/ML	0.88
15	107	1648	13:44	2	0.944	A BB	4107.	0.400 UG/ML	0.88
16	162	1703	14:12	2	0.976	A BB	3066.	0.400 UG/ML	0.88
17	128	1753	14:37	2	1.005	A BB	35796.	0.400 UG/ML	0.88
18	107	1984	16:32	2	1.137	A BB	2352.	0.400 UG/ML	0.88
19	142	2015	16:48	2	1.155	A BB	23884.	0.400 UG/ML	0.88
20	142	2050	17:05	2	1.175	A BB	10417.	0.400 UG/ML	0.88
21	196	2130	17:45	3	0.885	A BB	1266.	0.400 UG/ML	0.88
22	196	2143	17:52	3	0.890	A BB	979.	0.400 UG/ML	0.88
23	172	2164	18:02	3	0.899	A BB	16170.	0.400 UG/ML	0.88
24	162	2196	18:18	3	0.912	A BB	15049.	0.400 UG/ML	0.88
25	152	2351	19:36	3	0.976	A BB	15394.	0.400 UG/ML	0.88
26	153	2420	20:10	3	1.005	A BB	13917.	0.400 UG/ML	0.88
27	NOT FOUND								
28	168	2488	20:44	3	1.033	A BB	19656.	0.400 UG/ML	0.88
29	NOT FOUND								
30	166	2620	21:50	3	1.088	A BB	12273.	0.400 UG/ML	0.88
31	330	2712	22:36	3	1.126	A BB	141.	0.400 UG/ML	0.88
32	NOT FOUND								
33	NOT FOUND								
34	178	2986	24:53	4	1.003	A BB	20739.	0.400 UG/ML	0.88
35	178	3006	25:03	4	1.009	A BB	11162.	0.400 UG/ML	0.88
36	167	3080	25:40	4	1.034	A BB	6462.	0.400 UG/ML	0.88
37	202	3451	28:46	4	1.159	A BB	9967.	0.400 UG/ML	0.88
38	212	3529	29:25	5	0.879	A BB	7410.	0.400 UG/ML	0.88
39	202	3536	29:28	5	0.880	A BB	12626.	0.400 UG/ML	0.88
40	244	3622	30:11	5	0.902	A BB	4694.	0.400 UG/ML	0.88
41	219	3669	30:35	5	0.914	A BB	2036.	0.400 UG/ML	0.88
42	228	4014	33:27	5	1.000	A BV	6476.	0.400 UG/ML	0.88
43	228	4025	33:33	5	1.002	A VB	10201.	0.400 UG/ML	0.88
44	252	4408	36:44	6	0.972	A BV	4175.	0.400 UG/ML	0.88
45	252	4417	36:49	6	0.974	A VB	3760.	0.400 UG/ML	0.88
46	252	4516	37:38	6	0.996	A BB	2903.	0.400 UG/ML	0.88
47	276	4882	40:41	6	1.076	A BB	2525.	0.400 UG/ML	0.88
48	278	4895	40:48	6	1.079	A BB	2430.	0.400 UG/ML	0.88
49	276	4976	41:28	6	1.097	A BB	3554.	0.400 UG/ML	0.88

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:33	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:04	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:28	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	0.40	0.40	0.688	0.688	1.00
8	9:56	1.00	0.922	1.00	0.40	0.40	0.847	0.847	1.00
9	9:58	1.00	0.925	1.00	0.40	0.40	1.065	1.065	1.00
10	10:11	1.00	0.945	1.00	0.40	0.40	0.658	0.658	1.00
11	11:40	1.00	1.084	1.00	0.40	0.40	0.661	0.661	1.00
12	12:09	1.00	1.128	1.00	0.40	0.40	0.639	0.639	1.00
13	12:24	1.00	0.853	1.00	0.40	0.40	0.154	0.154	1.00
14	13:26	1.00	0.923	1.00	0.40	0.40	0.046	0.046	1.00
15	13:44	1.00	0.944	1.00	0.40	0.40	0.116	0.116	1.00
16	14:12	1.00	0.976	1.00	0.40	0.40	0.087	0.087	1.00
17	14:37	1.00	1.005	1.00	0.40	0.40	1.010	1.010	1.00
18	16:32	1.00	1.137	1.00	0.40	0.40	0.066	0.066	1.00
19	16:48	1.00	1.155	1.00	0.40	0.40	0.674	0.674	1.00
20	17:05	1.00	1.175	1.00	0.40	0.40	0.294	0.294	1.00
21	17:45	1.00	0.885	1.00	0.40	0.40	0.074	0.074	1.00
22	17:52	1.00	0.890	1.00	0.40	0.40	0.057	0.057	1.00
23	18:02	1.00	0.899	1.00	0.40	0.40	0.941	0.941	1.00
24	18:18	1.00	0.912	1.00	0.40	0.40	0.876	0.876	1.00
25	19:36	1.00	0.976	1.00	0.40	0.40	0.896	0.896	1.00
26	20:10	1.00	1.005	1.00	0.40	0.40	0.810	0.810	1.00
27	20:24		1.017						
28	20:44	1.00	1.033	1.00	0.40	0.40	1.144	1.144	1.00
29	20:44		1.034						
30	21:50	1.00	1.088	1.00	0.40	0.40	0.714	0.714	1.00
31	22:36	1.00	1.126	1.00	0.40	0.40	0.008	0.008	1.00
32	22:07		0.891						
33	24:16		0.978						
34	24:53	1.00	1.003	1.00	0.40	0.40	0.897	0.897	1.00
35	25:03	1.00	1.009	1.00	0.40	0.40	0.483	0.483	1.00
36	25:40	1.00	1.034	1.00	0.40	0.40	0.279	0.279	1.00
37	28:46	1.00	1.159	1.00	0.40	0.40	0.431	0.431	1.00
38	29:25	1.00	0.879	1.00	0.40	0.40	0.633	0.633	1.00
39	29:28	1.00	0.880	1.00	0.40	0.40	1.078	1.078	1.00
40	30:11	1.00	0.902	1.00	0.40	0.40	0.401	0.401	1.00
41	30:35	1.00	0.914	1.00	0.40	0.40	0.174	0.174	1.00
42	33:27	1.00	1.000	1.00	0.40	0.40	0.553	0.553	1.00
43	33:33	1.00	1.002	1.00	0.40	0.40	0.871	0.871	1.00
44	36:44	1.00	0.972	1.00	0.40	0.40	0.544	0.544	1.00
45	36:49	1.00	0.974	1.00	0.40	0.40	0.490	0.490	1.00
46	37:38	1.00	0.996	1.00	0.40	0.40	0.378	0.378	1.00
47	40:41	1.00	1.076	1.00	0.40	0.40	0.329	0.329	1.00
48	40:48	1.00	1.079	1.00	0.40	0.40	0.317	0.317	1.00
49	41:28	1.00	1.097	1.00	0.40	0.40	0.463	0.463	1.00

Quantitation Report File: WAN1116E

Data: WAN1116E.TI
04/26/91 10:25:00
Sample: WAN1116E BNA STD MIX LABN1115E 0.8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1292	10:46	1	1.000	A BB	110913.	5.000 UG/ML	12.96
2	136	1745	14:33	2	1.000	A BB	442858.	5.000 UG/ML	12.96
3	164	2408	20:04	3	1.000	A BV	214789.	5.000 UG/ML	12.96
4	188	2978	24:49	4	1.000	A BB	289097.	5.000 UG/ML	12.96
5	240	4016	33:28	5	1.000	A BB	146359.	5.000 UG/ML	12.96
6	264	4536	37:48	6	1.000	A BB	95897	5.000 UG/ML	12.96
7	112	888	7:24	1	0.687	A BB	6103.	0.250 UG/ML	0.65
8	99	1191	9:56	1	0.922	A BB	7519	0.221 UG/ML	0.57
9	94	1195	9:58	1	0.925	A BB	9447	0.247 UG/ML	0.64
10	128	1221	10:11	1	0.945	A BB	5837	0.213 UG/ML	0.55
11	108	1400	11:40	1	1.084	A BB	5863.	0.219 UG/ML	0.57
12	108	1457	12:09	1	1.128	A BB	5670	0.200 UG/ML	0.52
13	82	1488	12:24	2	0.853	A BB	5460	0.201 UG/ML	0.52
14	139	1611	13:26	2	0.923	A BB	1631	0.136 UG/ML	0.35
15	107	1648	13:44	2	0.944	A BB	4107	0.174 UG/ML	0.45
16	162	1703	14:12	2	0.976	A BB	3066	0.156 UG/ML	0.41
17	128	1753	14:37	2	1.005	A BB	35796	0.358 UG/ML	0.93
18	107	1984	16:32	2	1.137	A BB	2352	0.126 UG/ML	0.33
19	142	2015	16:48	2	1.155	A BB	23884	0.297 UG/ML	0.77
20	142	2050	17:05	2	1.175	A BB	10417	0.296 UG/ML	0.77
21	196	2130	17:45	3	0.885	A BB	1266.	0.127 UG/ML	0.33
22	196	2143	17:52	3	0.890	A BB	979	0.100 UG/ML	0.26
23	172	2164	18:02	3	0.899	A BB	16170.	0.339 UG/ML	0.88
24	162	2196	18:18	3	0.912	A BB	15049	0.320 UG/ML	0.83
25	152	2351	19:36	3	0.976	A BB	15394.	0.243 UG/ML	0.63
26	153	2420	20:10	3	1.005	A BB	13917	0.306 UG/ML	0.79
27	NOT FOUND								
28	168	2488	20:44	3	1.033	A BB	19656.	0.300 UG/ML	0.78
29	NOT FOUND								
30	166	2620	21:50	3	1.088	A BB	12273.	0.249 UG/ML	0.64
31	330	2712	22:36	3	1.126	A BB	141.	0.076 UG/ML	0.20
32	NOT FOUND								
33	NOT FOUND								
34	178	2986	24:53	4	1.003	A BB	20739.	0.312 UG/ML	0.81
35	178	3006	25:03	4	1.009	A BB	11162.	0.199 UG/ML	0.51
36	167	3080	25:40	4	1.034	A BB	6462.	0.200 UG/ML	0.52
37	202	3451	28:46	4	1.159	A BB	9967	0.196 UG/ML	0.51
38	212	3529	29:25	5	0.879	A BB	7410	0.208 UG/ML	0.54
39	202	3536	29:28	5	0.880	A BB	12626	0.236 UG/ML	0.61
40	244	3622	30:11	5	0.902	A BB	4694	0.206 UG/ML	0.54
41	219	3669	30:35	5	0.914	A BB	2036.	0.186 UG/ML	0.48
42	228	4014	33:27	5	1.000	A BV	6476.	0.224 UG/ML	0.58
43	228	4025	33:33	5	1.002	A VB	10201.	0.299 UG/ML	0.78
44	252	4408	36:44	6	0.972	A BV	4175.	0.195 UG/ML	0.51
45	252	4417	36:49	6	0.974	A VB	3760.	0.167 UG/ML	0.43
46	252	4516	37:38	6	0.996	A BB	2903.	0.177 UG/ML	0.46
47	276	4882	40:41	6	1.076	A BB	2525	0.193 UG/ML	0.50
48	278	4895	40:48	6	1.079	A BB	2430	0.191 UG/ML	0.50
49	276	4976	41:28	6	1.097	A BB	3554	0.237 UG/ML	0.62

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	0.25	4.00	0.069	1.102	0.06
8	9:55	1.00	0.922	1.00	0.22	4.00	0.085	1.532	0.06
9	9:58	1.00	0.926	1.00	0.25	4.00	0.106	1.726	0.06
10	10:10	1.00	0.945	1.00	0.21	4.00	0.066	1.238	0.05
11	11:40	1.00	1.084	1.00	0.22	4.00	0.066	1.205	0.05
12	12:08	1.00	1.128	1.00	0.20	4.00	0.064	1.275	0.05
13	12:24	1.00	0.853	1.00	0.20	4.00	0.015	0.306	0.05
14	13:25	1.00	0.923	1.00	0.14	4.00	0.005	0.135	0.03
15	13:44	1.00	0.944	1.00	0.17	4.00	0.012	0.266	0.04
16	14:11	1.00	0.975	1.00	0.16	4.00	0.009	0.221	0.04
17	14:36	1.00	1.004	1.00	0.36	4.00	0.101	1.130	0.09
18	16:31	1.00	1.136	1.00	0.13	4.00	0.007	0.212	0.03
19	16:47	1.00	1.155	1.00	0.30	4.00	0.067	0.909	0.07
20	17:05	1.00	1.175	1.00	0.30	4.00	0.029	0.398	0.07
21	17:45	1.00	0.885	1.00	0.13	4.00	0.007	0.231	0.03
22	17:50	1.00	0.889	1.00	0.10	4.00	0.006	0.227	0.03
23	18:02	1.00	0.899	1.00	0.34	4.00	0.094	1.109	0.08
24	18:18	1.00	0.912	1.00	0.32	4.00	0.088	1.094	0.08
25	19:35	1.00	0.977	1.00	0.24	4.00	0.090	1.477	0.06
26	20:10	1.00	1.005	1.00	0.31	4.00	0.081	1.060	0.08
27	20:24		1.017						
28	20:43	1.00	1.033	1.00	0.30	4.00	0.114	1.525	0.07
29	20:44		1.034						
30	21:50	1.00	1.089	1.00	0.25	4.00	0.071	1.148	0.06
31	22:36	1.00	1.127	1.00	0.08	4.00	0.001	0.043	0.02
32	22:07		0.891						
33	24:16		0.978						
34	24:53	1.00	1.003	1.00	0.31	4.00	0.090	1.150	0.08
35	25:03	1.00	1.010	1.00	0.20	4.00	0.048	0.972	0.05
36	25:39	1.00	1.034	1.00	0.20	4.00	0.028	0.560	0.05
37	28:45	1.00	1.159	1.00	0.20	4.00	0.043	0.879	0.05
38	29:24	1.00	0.879	1.00	0.21	4.00	0.063	1.216	0.05
39	29:27	1.00	0.880	1.00	0.24	4.00	0.108	1.827	0.06
40	30:10	1.00	0.902	1.00	0.21	4.00	0.040	0.777	0.05
41	30:34	1.00	0.914	1.00	0.19	4.00	0.017	0.373	0.05
42	33:25	1.00	0.999	1.00	0.22	4.00	0.055	0.990	0.06
43	33:32	1.00	1.002	1.00	0.30	4.00	0.087	1.165	0.07
44	36:43	1.00	0.972	1.00	0.20	4.00	0.054	1.116	0.05
45	36:48	1.00	0.974	1.00	0.17	4.00	0.049	1.172	0.04
46	37:38	1.00	0.996	1.00	0.18	4.00	0.038	0.855	0.04
47	40:41	1.00	1.077	1.00	0.19	4.00	0.033	0.682	0.05
48	40:47	1.00	1.079	1.00	0.19	4.00	0.032	0.663	0.05
49	41:28	1.00	1.097	1.00	0.24	4.00	0.046	0.780	0.06

PROCEDURE: TCA DIAGNOSTIC REPORT 4/25/91 11:38:06
DATA FILE: WAN1116E
REFERENCE: BNA11
NAME LIST: LLBNA INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: LLBNAX

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
6	6	1	35	12	12	3	38	LLBNAX/LLBNA1
1	1	1	0	9	9	1	53	LLBNAX2/LLBNA2
1	1	1	0	6	6	1	89	LLBNAX3/LLBNA3
1	1	1	0	7	4	1	64	LLBNAX3/LLBNA4
1	1	1	0	7	5	1	56	LLBNAX4/LLBNA5
1	1	1	0	7	7	1	81	LLBNAX5/LLBNA6
1	1	1	0	7	7	2	75	LLBNAX6/LLBNA7

49 COMPOUNDS PROCESSED, 44 FOUND

< COMPOUND >			< ---------- SEARCH ---------- >					< SAT >		< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	LL	1	-1291	1292	1292	.	1	908	.	152	1292	.	1
2	LL	2	-1744	1745	1745	.	1	993	.	136	1745	.	1
3	LL	3	-2406	2408	2408	.	1	980	.	164	2408	.	1
4	LL	4	-2976	2978	2978	.	1	909	.	188	2978	.	1
5	LL	5	-4014	4016	4016	.	1	973	.	240	4016	.	1
6	LL	6	-4534	4536	4536	.	1	982	.	264	4536	.	1
7	LL	8	-887	888	888	.	3	996	.	112	888	.	1
8	LL	10	-1190	1191	1191	.	1	993	.	99	1191	.	1
9	LL	11	-1195	1196	1195	-1	1	1000	.	94	1195	.	1
10	LL	14	-1220	1221	1221	.	1	949	.	128	1221	.	1
11	LL	20	-1399	1400	1400	.	1	995	.	108	1400	.	1
12	LL	24	-1456	1457	1457	.	1	998	.	108	1457	.	1
13	LL	25	-1487	1488	1488	.	1	882	.	82	1488	.	1
14	LL	28	-1610	1611	1611	.	1	927	.	139	1611	.	1
15	LL	29	-1647	1648	1648	.	1	985	.	107	1648	.	1
16	LL	31	-1701	1702	1703	1	1	967	.	162	1703	.	1
17	LL	34	-1751	1752	1753	1	1	993	.	128	1753	.	1
18	LL	38	-1982	1983	1984	1	1	928	.	107	1984	.	1
19	LL	39	-2014	2015	2015	.	1	996	.	142	2015	.	1
20	LL	40	-2049	2050	2050	.	1	994	.	142	2050	.	1
21	LL	42	-2129	2131	2131	.	1	943	.	196	2130	-1	1
22	LL	43	-2139	2141	2142	1	1	915	.	196	2143	1	1
23	LL	44	-2163	2165	2164	-1	1	999	.	172	2164	.	1
24	LL	45	-2195	2197	2196	-1	1	1000	.	162	2196	.	1
25	LL	48	-2350	2351	2351	.	1	987	.	152	2351	.	1
26	LL	51	-2419	2421	2420	-1	1	995	.	153	2420	.	1
27	LL	52	-2448	2450	.	.	.	.	.	184	.	.	.
28	LL	54	-2486	2487	2488	1	1	1000	.	168	2488	.	1
29	LL	55	-2488	2489	.	.	.	.	.	109	.	.	.
30	LL	58	-2619	2620	2620	.	1	986	.	166	2620	.	1
31	LL	63	-2711	2712	.	.	.	.	.	330	2712	.	1
32	LL	64	-2653	2654	.	.	.	.	.	198	.	.	.
33	LL	68	-2911	2912	.	.	.	.	.	266	.	.	.
34	LL	69	-2985	2986	2986	.	1	986	.	178	2986	.	1
35	LL	70	-3005	3006	3006	.	1	980	.	178	3006	.	1
36	LL	71	-3078	3080	3080	.	1	993	.	167	3080	.	1
37	LL	73	-3449	3451	3451	.	1	987	.	202	3451	.	1
38	LL	75	-3527	3529	3529	.	1	972	.	212	3529	.	1
39	LL	76	-3534	3536	3536	.	1	989	.	202	3536	.	1
40	LL	77	-3620	3622	3622	.	1	961	.	244	3622	.	1
41	LL	78	-3667	3669	3670	1	1	932	.	219	3669	-1	1
42	LL	80	-4010	4013	4014	1	1	946	.	228	4014	.	1
43	LL	82	-4023	4026	4025	-1	1	944	.	228	4025	.	1
44	LL	85	-4406	4407	4407	.	2	933	.	252	4408	1	1

46	LL	87	-4515	4516	4516	.	1	883	.	252	4516	.	1
47	LL	88	-4882	4882	4882	.	1	918	.	276	4882	.	1
48	LL	90	-4894	4894	4895	1	1	939	.	278	4895	.	1
49	LL	91	-4976	4976	4975	-1	1	955	.	276	4976	1	1

92 4-26-91 Rya

4/26/91 12:34:54 SCAN 1 OF 5400
Acquisition started

Acquire
04/26/91 12:34:00 + 0:02
Sample: WAN1116B BNA STD MIX
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A
Submitted by: RGX-WDOE

Run O:WAN1116B
Free sectors: 18691
LABN1115B 4NG/2UL INJ
Instrument: 5100
Analyst: RYA/WDOE

Acquiring
Scan: 3 of 5400
Weight: 0.000
Acct. No: WAN1116

*** GC descriptor: PP ***

GC temperature: 35 DegC
Elapsed time : 0: 3 min

Injector: 250 DegC
Interface: 250 DegC

Seq. #	Temp (DegC)	Rate (C/min)	Time (minutes) period	Time (minutes) total
1	35- 35	-	2.0	2.0
2	35- 50	5.0	3.0	5.0
3	50-320	8.0	33.7	38.7
4	320-320	-	6.3	45.0

Valve times (minutes)

	Open	Close
Sweep/Split	1.0	0.0
Divert	45.0	3.0

*** Scan Parameters ***

MODE: EI (+) Centroid + Temp - Sequence: LL (10 time windows.)

Verified 4-26-91 Rya

Window # 1
Number of cycles: 700
Filament is OFF
Multiplier is ON and set to -1306. volts

MID scan Desc: P0 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 2
Number of cycles: 625
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P0 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 3
Number of cycles: 350
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P1 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	78.524	85.525	0.117	1	80	10	1	0
2	102.531	109.533	0.117	1	80	10	1	0
3	125.538	132.540	0.117	1	80	10	1	0
4	136.541	143.543	0.117	1	80	10	1	0

Window # 4

Number of cycles: 175
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P2 Mass intervals: 3 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	59.518	66.520	0.117	1	80	10	1	0
2	123.537	138.541	0.250	1	80	10	1	0
3	160.548	167.550	0.117	1	80	10	1	0

Window # 5

Number of cycles: 400
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P3 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	105.532	108.532	0.050	1	80	10	1	0
2	131.540	134.540	0.050	1	80	10	1	0
3	138.542	144.543	0.100	1	80	10	1	0
4	161.548	165.549	0.067	1	80	10	1	0
5	168.551	173.552	0.084	1	80	10	1	0
6	195.559	202.560	0.117	1	80	10	1	0

Window # 6

Number of cycles: 320
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P4 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	107.532	110.533	0.050	1	80	10	1	0
2	137.541	140.542	0.050	1	80	10	1	0
3	148.545	155.546	0.117	1	80	10	1	0
4	157.547	165.549	0.134	1	80	10	1	0
5	166.550	170.551	0.067	1	80	10	1	0
6	182.555	185.555	0.050	1	80	10	1	0

Window # 7

Number of cycles: 455
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P5 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	162.549	167.550	0.084	1	80	10	1	0
2	174.552	179.554	0.084	1	80	10	1	0
3	184.555	189.557	0.083	1	80	10	1	0
4	196.559	199.560	0.050	1	80	10	1	0
5	263.579	270.581	0.117	1	80	10	1	0

Window # 8

Number of cycles: 775
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P6 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	163.549	168.550	0.084	1	80	10	1	0
2	197.559	205.561	0.134	1	80	10	1	0
3	207.562	213.564	0.100	1	80	10	1	0
4	217.565	220.566	0.050	1	80	10	1	0
5	239.572	245.573	0.100	1	80	10	1	0

Window # 9

Number of cycles: 1600
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Window # 10

Number of cycles: 10
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Interface number	0	
Sub-interface number	0	
# of acqu buffers	24	
Instrument type	Q	
Full scale mass	812	u
Zero scale mass	1	u
Intensity/ion	2	
Peak width	1000.	mmu
Offset at low mass	0	mmu
Offset at high mass	0	mmu
Voltage settling time(ms)	4	

Current instrument parameters.

	Positive ion mode	Negative ion mode
Resolution (high)	128.00	128.00
Resolution (low)	128.00	128.00
Ion energy	1.33	-4.00
Ion programming	8.00	-4.00

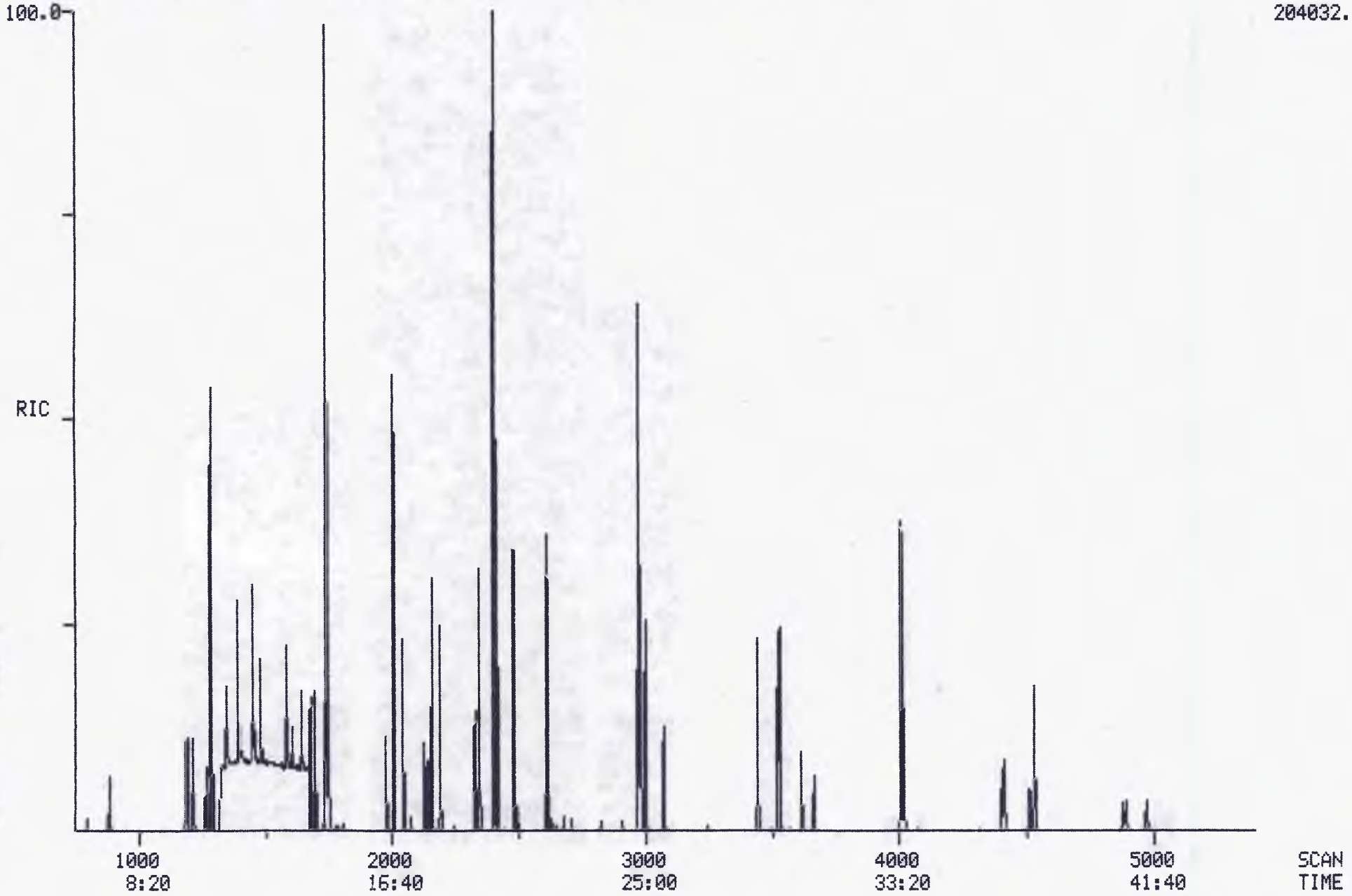
Extractor voltage 0.00 not used

Electron multiplier voltage: -1306.
Electrometer Range: 10 ^-7
Electrometer zero: 0.9

4/26/91 13:19:14
Acquisition completed
Scans 1 to 5400 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second	
Centroid	5400	65.4	2700.0	2.4	16767.	3.	6.

MIDRIC DATA: WAN1116B #1 SCANS 750 TO 5400
04/26/91 12:34:00 CALI: WAN1116B #5
SAMPLE: WAN1116B BNA STD MIX LABN1115B 4NG/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



TCA FINISHED, 48 FOUND
FINISHED AT: 4/25/91 13:23:41

Quantitation Report File: WAN1116B

Data: WAN1116B.TI
04/26/91 12:34:00
Sample: WAN1116B BNA STD MIX LABN1115B 4NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1289	10:45	1	1.000	A BB	119845.	5.000 UG/ML	4.31
2	136	1742	14:31	2	1.000	A BB	567690.	5.000 UG/ML	4.31
3	164	2404	20:02	3	1.000	A BB	307942.	5.000 UG/ML	4.31
4	188	2974	24:47	4	1.000	A BB	425966.	5.000 UG/ML	4.31
5	240	4012	33:26	5	1.000	A BB	197171.	5.000 UG/ML	4.31
6	264	4534	37:47	6	1.000	A BB	129448.	5.000 UG/ML	4.31
7	112	884	7:22	1	0.686	A BB	41941.	2.000 UG/ML	1.72
8	99	1188	9:54	1	0.922	A BB	58544.	2.000 UG/ML	1.72
9	94	1193	9:57	1	0.926	A BB	72757.	2.000 UG/ML	1.72
10	128	1218	10:09	1	0.945	A BB	50755.	2.000 UG/ML	1.72
11	108	1397	11:39	1	1.084	A BV	55999.	2.000 UG/ML	1.72
12	108	1454	12:07	1	1.128	A BV	59120.	2.000 UG/ML	1.72
13	82	1485	12:23	2	0.852	A BB	57002.	2.000 UG/ML	1.72
14	139	1608	13:24	2	0.923	A BB	20394.	2.000 UG/ML	1.72
15	107	1646	13:43	2	0.945	A BB	46908.	2.000 UG/ML	1.72
16	162	1700	14:10	2	0.976	A BB	39649.	2.000 UG/ML	1.72
17	128	1750	14:35	2	1.005	A BB	254372.	2.000 UG/ML	1.72
18	107	1980	16:30	2	1.137	A BB	35789.	2.000 UG/ML	1.72
19	142	2012	16:46	2	1.155	A BB	205959.	2.000 UG/ML	1.72
20	142	2047	17:04	2	1.175	A BB	89176.	2.000 UG/ML	1.72
21	196	2127	17:44	3	0.885	A BV	20576.	2.000 UG/ML	1.72
22	196	2138	17:49	3	0.889	A VB	19439.	2.000 UG/ML	1.72
23	172	2161	18:01	3	0.899	A BB	137879.	2.000 UG/ML	1.72
24	162	2193	18:17	3	0.912	A BB	132000.	2.000 UG/ML	1.72
25	152	2348	19:34	3	0.977	A BB	168602.	2.000 UG/ML	1.72
26	153	2416	20:08	3	1.005	A BB	128774.	2.000 UG/ML	1.72
27	184	2446	20:23	3	1.017	A BB	898.	2.000 UG/ML	1.72
28	168	2484	20:42	3	1.033	A BB	190295.	2.000 UG/ML	1.72
29	109	2486	20:43	3	1.034	M XX	2918.	2.000 UG/ML	1.72
30	166	2617	21:49	3	1.089	A BB	139785.	2.000 UG/ML	1.72
31	330	2709	22:35	3	1.127	A BB	3889.	2.000 UG/ML	1.72
32	198	2652	22:06	4	0.892	A BB	3427.	2.000 UG/ML	1.72
33	266	2910	24:15	4	0.978	A BB	3494.	2.000 UG/ML	1.72
34	178	2983	24:52	4	1.003	A BB	193421.	2.000 UG/ML	1.72
35	178	3003	25:02	4	1.010	A BB	149647.	2.000 UG/ML	1.72
36	167	3076	25:38	4	1.034	A BB	78108.	2.000 UG/ML	1.72
37	202	3448	28:44	4	1.159	A BB	129699.	2.000 UG/ML	1.72
38	212	3526	29:23	5	0.879	A BB	93791.	2.000 UG/ML	1.72
39	202	3533	29:27	5	0.881	A BB	151334.	2.000 UG/ML	1.72
40	244	3619	30:10	5	0.902	A BB	56848.	2.000 UG/ML	1.72
41	219	3667	30:34	5	0.914	A BB	25441.	2.000 UG/ML	1.72
42	228	4010	33:25	5	1.000	A BV	64357.	2.000 UG/ML	1.72
43	228	4022	33:31	5	1.002	A VB	91157.	2.000 UG/ML	1.72
44	252	4405	36:43	6	0.972	A BV	48746.	2.000 UG/ML	1.72
45	252	4415	36:48	6	0.974	A VB	54208.	2.000 UG/ML	1.72
46	252	4514	37:37	6	0.996	A BB	33911.	2.000 UG/ML	1.72
47	276	4881	40:41	6	1.077	A BV	29319.	2.000 UG/ML	1.72
48	278	4893	40:47	6	1.079	A BB	27870.	2.000 UG/ML	1.72
49	276	4974	41:27	6	1.097	A BB	34058.	2.000 UG/ML	1.72

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:45	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:31	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:02	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:26	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:22	1.00	0.686	1.00	2.00	2.00	0.875	0.875	1.00
8	9:54	1.00	0.922	1.00	2.00	2.00	1.221	1.221	1.00
9	9:57	1.00	0.926	1.00	2.00	2.00	1.518	1.518	1.00
10	10:09	1.00	0.945	1.00	2.00	2.00	1.059	1.059	1.00
11	11:39	1.00	1.084	1.00	2.00	2.00	1.168	1.168	1.00
12	12:07	1.00	1.128	1.00	2.00	2.00	1.233	1.233	1.00
13	12:23	1.00	0.852	1.00	2.00	2.00	0.251	0.251	1.00
14	13:24	1.00	0.923	1.00	2.00	2.00	0.090	0.090	1.00
15	13:43	1.00	0.945	1.00	2.00	2.00	0.207	0.207	1.00
16	14:10	1.00	0.976	1.00	2.00	2.00	0.175	0.175	1.00
17	14:35	1.00	1.005	1.00	2.00	2.00	1.120	1.120	1.00
18	16:30	1.00	1.137	1.00	2.00	2.00	0.158	0.158	1.00
19	16:46	1.00	1.155	1.00	2.00	2.00	0.907	0.907	1.00
20	17:04	1.00	1.175	1.00	2.00	2.00	0.393	0.393	1.00
21	17:44	1.00	0.885	1.00	2.00	2.00	0.167	0.167	1.00
22	17:49	1.00	0.889	1.00	2.00	2.00	0.158	0.158	1.00
23	18:01	1.00	0.899	1.00	2.00	2.00	1.119	1.119	1.00
24	18:17	1.00	0.912	1.00	2.00	2.00	1.072	1.072	1.00
25	19:34	1.00	0.977	1.00	2.00	2.00	1.369	1.369	1.00
26	20:08	1.00	1.005	1.00	2.00	2.00	1.045	1.045	1.00
27	20:23	1.00	1.017	1.00	2.00	2.00	0.007	0.007	1.00
28	20:42	1.00	1.033	1.00	2.00	2.00	1.545	1.545	1.00
29	20:43	1.00	1.034	1.00	2.00	2.00	0.024	0.024	1.00
30	21:49	1.00	1.089	1.00	2.00	2.00	1.135	1.135	1.00
31	22:35	1.00	1.127	1.00	2.00	2.00	0.032	0.032	1.00
32	22:06	1.00	0.892	1.00	2.00	2.00	0.020	0.020	1.00
33	24:15	1.00	0.978	1.00	2.00	2.00	0.021	0.021	1.00
34	24:52	1.00	1.003	1.00	2.00	2.00	1.135	1.135	1.00
35	25:02	1.00	1.010	1.00	2.00	2.00	0.878	0.878	1.00
36	25:38	1.00	1.034	1.00	2.00	2.00	0.458	0.458	1.00
37	28:44	1.00	1.159	1.00	2.00	2.00	0.761	0.761	1.00
38	29:23	1.00	0.879	1.00	2.00	2.00	1.189	1.189	1.00
39	29:27	1.00	0.881	1.00	2.00	2.00	1.919	1.919	1.00
40	30:10	1.00	0.902	1.00	2.00	2.00	0.721	0.721	1.00
41	30:34	1.00	0.914	1.00	2.00	2.00	0.323	0.323	1.00
42	33:25	1.00	1.000	1.00	2.00	2.00	0.816	0.816	1.00
43	33:31	1.00	1.002	1.00	2.00	2.00	1.156	1.156	1.00
44	36:43	1.00	0.972	1.00	2.00	2.00	0.941	0.941	1.00
45	36:48	1.00	0.974	1.00	2.00	2.00	1.047	1.047	1.00
46	37:37	1.00	0.996	1.00	2.00	2.00	0.655	0.655	1.00
47	40:41	1.00	1.077	1.00	2.00	2.00	0.566	0.566	1.00
48	40:47	1.00	1.079	1.00	2.00	2.00	0.538	0.538	1.00
49	41:27	1.00	1.097	1.00	2.00	2.00	0.658	0.658	1.00

Quantitation Report File: WAN1116B

Data: WAN1116B.TI
04/26/91 12:34:00
Sample: WAN1116B BNA STD MIX LABN1115B 4NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1289	10:45	1	1.000	A BB	119845	5.000 UG/ML	4.91
2	136	1742	14:31	2	1.000	A BB	567690	5.000 UG/ML	4.91
3	164	2404	20:02	3	1.000	A BB	307942	5.000 UG/ML	4.91
4	188	2974	24:47	4	1.000	A BB	425966	5.000 UG/ML	4.91
5	240	4012	33:26	5	1.000	A BB	197171	5.000 UG/ML	4.91
6	264	4534	37:47	6	1.000	A BB	129448	5.000 UG/ML	4.91
7	112	884	7:22	1	0.686	A BB	41941	1.588 UG/ML	1.56
8	99	1188	9:54	1	0.922	A BB	58544	1.595 UG/ML	1.57
9	94	1193	9:57	1	0.926	A BB	72757	1.758 UG/ML	1.73
10	128	1218	10:09	1	0.945	A BB	50755	1.710 UG/ML	1.68
11	108	1397	11:39	1	1.084	A BV	55999	1.939 UG/ML	1.91
12	108	1454	12:07	1	1.128	A BV	59120	1.934 UG/ML	1.90
13	82	1485	12:23	2	0.852	A BB	57002	1.641 UG/ML	1.61
14	139	1608	13:24	2	0.923	A BB	20394	1.326 UG/ML	1.30
15	107	1646	13:43	2	0.945	A BB	46908	1.554 UG/ML	1.53
16	162	1700	14:10	2	0.976	A BB	39649	1.578 UG/ML	1.55
17	128	1750	14:35	2	1.005	A BB	254372	1.983 UG/ML	1.95
18	107	1980	16:30	2	1.137	A BB	35789	1.490 UG/ML	1.46
19	142	2012	16:46	2	1.155	A BB	205959	1.995 UG/ML	1.96
20	142	2047	17:04	2	1.175	A BB	89176	1.974 UG/ML	1.94
21	196	2127	17:44	3	0.885	A BV	20576	1.444 UG/ML	1.42
22	196	2138	17:49	3	0.889	A VB	19439	1.391 UG/ML	1.37
23	172	2161	18:01	3	0.899	A BB	137879	2.019 UG/ML	1.98
24	162	2193	18:17	3	0.912	A BB	132000	1.958 UG/ML	1.92
25	152	2348	19:34	3	0.977	A BB	168602	1.853 UG/ML	1.82
26	153	2416	20:08	3	1.005	A BB	128774	1.972 UG/ML	1.94
27	184	2446	20:23	3	1.017	A BB	898	0.672 UG/ML	0.66
28	168	2484	20:42	3	1.033	A BB	190295	2.026 UG/ML	1.99
29	109	2486	20:43	3	1.034	A BV	2118 ~~2635~~	0.878 UG/ML	0.86
30	166	2617	21:49	3	1.089	A BB	139785	1.976 UG/ML	1.94
31	330	2709	22:35	3	1.127	A BB	3889	1.468 UG/ML	1.44
32	198	2652	22:06	4	0.892	A BB	3427	0.844 UG/ML	0.83
33	266	2910	24:15	4	0.978	A BB	3494	0.811 UG/ML	0.80
34	178	2983	24:52	4	1.003	A BB	193421	1.974 UG/ML	1.94
35	178	3003	25:02	4	1.010	A BB	149647	1.807 UG/ML	1.78
36	167	3076	25:38	4	1.034	A BB	78108	1.638 UG/ML	1.61
37	202	3448	28:44	4	1.159	A BB	129699	1.733 UG/ML	1.70
38	212	3526	29:23	5	0.879	A BB	93791	1.956 UG/ML	1.92
39	202	3533	29:27	5	0.881	A BB	151334	2.101 UG/ML	2.06
40	244	3619	30:10	5	0.902	A BB	56848	1.856 UG/ML	1.82
41	219	3667	30:34	5	0.914	A BB	25441	1.728 UG/ML	1.70
42	228	4010	33:25	5	1.000	A BV	64357	1.649 UG/ML	1.62
43	228	4022	33:31	5	1.002	A VB	91157	1.984 UG/ML	1.95
44	252	4405	36:43	6	0.972	A BV	48746	1.688 UG/ML	1.66
45	252	4415	36:48	6	0.974	A VB	54208	1.786 UG/ML	1.75
46	252	4514	37:37	6	0.996	A BB	33911	1.532 UG/ML	1.51
47	276	4881	40:41	6	1.077	A BV	29319	1.660 UG/ML	1.63
48	278	4893	40:47	6	1.079	A BB	27870	1.624 UG/ML	1.60
49	276	4974	41:27	6	1.097	A BB	34058	1.686 UG/ML	1.66

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	1.59	4.00	0.437	1.102	0.40
8	9:55	1.00	0.922	1.00	1.59	4.00	0.611	1.532	0.40
9	9:58	1.00	0.926	1.00	1.76	4.00	0.759	1.726	0.44
10	10:10	1.00	0.945	1.00	1.71	4.00	0.529	1.238	0.43
11	11:40	1.00	1.084	1.00	1.94	4.00	0.584	1.205	0.48
12	12:08	1.00	1.128	1.00	1.93	4.00	0.617	1.275	0.48
13	12:24	1.00	0.853	1.00	1.64	4.00	0.126	0.306	0.41
14	13:25	1.00	0.923	1.00	1.33	4.00	0.045	0.135	0.33
15	13:44	1.00	0.944	1.00	1.55	4.00	0.103	0.266	0.39
16	14:11	1.00	0.975	1.00	1.58	4.00	0.087	0.221	0.39
17	14:36	1.00	1.004	1.00	1.98	4.00	0.560	1.130	0.50
18	16:31	1.00	1.136	1.00	1.49	4.00	0.079	0.212	0.37
19	16:47	1.00	1.155	1.00	1.99	4.00	0.454	0.909	0.50
20	17:05	1.00	1.175	1.00	1.97	4.00	0.196	0.398	0.49
21	17:45	1.00	0.885	1.00	1.44	4.00	0.084	0.231	0.36
22	17:50	1.00	0.889	1.00	1.39	4.00	0.079	0.227	0.35
23	18:02	1.00	0.899	1.00	2.02	4.00	0.560	1.109	0.50
24	18:18	1.00	0.912	1.00	1.96	4.00	0.536	1.094	0.49
25	19:35	1.00	0.977	1.00	1.85	4.00	0.684	1.477	0.46
26	20:10	1.00	1.005	1.00	1.97	4.00	0.523	1.060	0.49
27	20:24	1.00	1.017	1.00	0.67	4.00	0.004	0.022	0.17
28	20:43	1.00	1.033	1.00	2.03	4.00	0.772	1.525	0.51
29	20:44	1.00	1.034	1.00	0.88	4.00	0.011	0.049	0.22
30	21:50	1.00	1.089	1.00	1.98	4.00	0.567	1.148	0.49
31	22:36	1.00	1.127	1.00	1.47	4.00	0.016	0.043	0.37
32	22:07	1.00	0.891	1.00	0.84	4.00	0.010	0.048	0.21
33	24:16	1.00	0.978	1.00	0.81	4.00	0.010	0.051	0.20
34	24:53	1.00	1.003	1.00	1.97	4.00	0.568	1.150	0.49
35	25:03	1.00	1.010	1.00	1.81	4.00	0.439	0.972	0.45
36	25:39	1.00	1.034	1.00	1.64	4.00	0.229	0.560	0.41
37	28:45	1.00	1.159	1.00	1.73	4.00	0.381	0.879	0.43
38	29:24	1.00	0.879	1.00	1.96	4.00	0.595	1.216	0.49
39	29:27	1.00	0.880	1.00	2.10	4.00	0.959	1.827	0.53
40	30:10	1.00	0.902	1.00	1.86	4.00	0.360	0.777	0.46
41	30:34	1.00	0.914	1.00	1.73	4.00	0.161	0.373	0.43
42	33:25	1.00	0.999	1.00	1.65	4.00	0.408	0.990	0.41
43	33:32	1.00	1.002	1.00	1.98	4.00	0.578	1.165	0.50
44	36:43	1.00	0.972	1.00	1.69	4.00	0.471	1.116	0.42
45	36:48	1.00	0.974	1.00	1.79	4.00	0.523	1.172	0.45
46	37:38	1.00	0.996	1.00	1.53	4.00	0.327	0.855	0.38
47	40:41	1.00	1.077	1.00	1.66	4.00	0.283	0.682	0.42
48	40:47	1.00	1.079	1.00	1.62	4.00	0.269	0.663	0.41
49	41:28	1.00	1.097	1.00	1.69	4.00	0.329	0.780	0.42

PROCEDURE: TGA DIAGNOSTIC REPORT 4/25/91 13:18:36
DATA FILE: WAN1116B
REFERENCE: BNA11
NAME LIST: LLBNA INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: LLBNAX

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
6	6	2	69	12	12	1	50	LLBNAX/LLBNA1
1	1	1	0	9	9	1	50	LLBNAX2/LLBNA2
1	1	1	0	6	6	2	42	LLBNAX3/LLBNA3
1	1	1	0	7	6	1	71	LLBNAX3/LLBNA4
1	1	1	0	7	7	1	59	LLBNAX4/LLBNA5
1	1	1	0	7	7	1	75	LLBNAX5/LLBNA6
1	1	1	0	7	7	2	55	LLBNAX6/LLBNA7

49 COMPOUNDS PROCESSED, 48 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	LL	1	-1291	1289	1289	.	1	949	.	152	1289	.	1
2	LL	2	-1744	1742	1742	.	1	989	.	136	1742	.	1
3	LL	3	-2406	2404	2404	.	1	978	.	164	2404	.	1
4	LL	4	-2976	2974	2974	.	1	905	.	188	2974	.	1
5	LL	5	-4014	4013	4012	-1	1	971	.	240	4012	.	1
6	LL	6	-4534	4533	4534	1	2	983	.	264	4534	.	1
7	LL	8	-887	885	884	-1	1	999	.	112	884	.	1
8	LL	10	-1190	1188	1188	.	1	995	.	99	1188	.	1
9	LL	11	-1195	1193	1193	.	1	1000	.	94	1193	.	1
10	LL	14	-1220	1218	1218	.	1	983	.	128	1218	.	1
11	LL	20	-1399	1397	1397	.	1	995	.	108	1397	.	1
12	LL	24	-1456	1454	1454	.	1	999	.	108	1454	.	1
13	LL	25	-1487	1486	1485	-1	1	994	.	82	1485	.	1
14	LL	28	-1610	1609	1609	.	1	954	.	139	1608	-1	1
15	LL	29	-1647	1646	1646	.	1	996	.	107	1646	.	1
16	LL	31	-1701	1700	1700	.	1	998	.	162	1700	.	1
17	LL	34	-1751	1749	1750	1	1	994	.	128	1750	.	1
18	LL	38	-1982	1980	1980	.	1	993	.	107	1980	.	1
19	LL	39	-2014	2012	2012	.	1	989	.	142	2012	.	1
20	LL	40	-2049	2047	2047	.	1	995	.	142	2047	.	1
21	LL	42	-2129	2127	2127	.	1	997	.	196	2127	.	1
22	LL	43	-2139	2137	2138	1	2	995	.	196	2138	.	1
23	LL	44	-2163	2161	2161	.	1	998	.	172	2161	.	1
24	LL	45	-2195	2193	2193	.	1	1000	.	162	2193	.	1
25	LL	48	-2350	2348	2348	.	1	997	.	152	2348	.	1
26	LL	51	-2419	2417	2416	-1	1	996	.	153	2416	.	1
27	LL	52	-2448	2446	2447	1	1	915	.	184	2446	-1	1
28	LL	54	-2486	2484	2484	.	1	994	.	168	2484	.	1
29	LL	55	-2488	2486	.	.	.	.	.	109	2486	.	1
30	LL	58	-2619	2617	2617	.	1	990	.	166	2617	.	1
31	LL	63	-2711	2709	2709	.	1	984	.	330	2709	.	1
32	LL	64	-2653	2651	2652	1	1	988	.	198	2652	.	1
33	LL	68	-2911	2909	2910	1	1	950	.	266	2910	.	1
34	LL	69	-2985	2983	2983	.	1	984	.	178	2983	.	1
35	LL	70	-3005	3003	3003	.	1	984	.	178	3003	.	1
36	LL	71	-3078	3076	3076	.	1	997	.	167	3076	.	1
37	LL	73	-3449	3447	3448	1	1	996	.	202	3448	.	1
38	LL	75	-3527	3526	3526	.	1	970	.	212	3526	.	1
39	LL	76	-3534	3533	3533	.	1	1000	.	202	3533	.	1
40	LL	77	-3620	3619	3619	.	1	987	.	244	3619	.	1
41	LL	78	-3667	3666	3667	1	1	972	.	219	3667	.	1
42	LL	80	-4010	4009	4010	1	1	954	.	228	4010	.	1
43	LL	82	-4023	4022	4022	.	1	948	.	228	4022	.	1
44	LL	85	-4406	4405	4405	.	2	962	.	252	4405	.	1

46	LL	87	-4515	4514	4514	.	1	964	.	252	4514	.	1
47	LL	88	-4882	4881	4881	.	1	968	.	276	4881	.	1
48	LL	90	-4894	4893	4893	.	1	933	.	278	4893	.	1
49	LL	91	-4976	4975	4974	-1	1	975	.	276	4974	.	1

92 4-26-91 Rya

4/26/91 13:28:14 SCAN 1 OF 5400
Acquisition started

Acquire
04/26/91 13:28:00 + 0:02
Sample: WAN1116D BNA STD MIX
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A
Submitted by: RGX-WDOE

Run 0:WAN1116D
Free sectors: 18339
LABN1115D 40NG/2UL INJ
Instrument: 5100
Analyst: RYA/WDOE

Acquiring
Scan: 3 of 5400
Weight: 0.000
Acct. No: WAN1116

*** GC descriptor: PP ***

GC temperature: 35 DegC
Elapsed time : 0: 7 min

Injector: 250 DegC
Interface: 250 DegC

Seq. #	Temp (DegC)	Rate (C/min)	Time (minutes) period	Time (minutes) total
1	35- 35	-	2.0	2.0
2	35- 50	5.0	3.0	5.0
3	50-320	8.0	33.7	38.7
4	320-320	-	6.3	45.0

Valve times (minutes)	Open	Close
Sweep/Split	1.0	0.0
Divert	45.0	3.0

*** Scan Parameters ***

MODE: EI (+) Centroid + Temp - Sequence: LL (10 time windows.)

Verified 4-26-91 Rya

Window # 1

Number of cycles: 700
Filament is OFF
Multiplier is ON and set to -1306. volts

MID scan Desc: PO Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 2

Number of cycles: 625
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: PO Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 3

Number of cycles: 350
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P1 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	78.524	85.525	0.117	1	80	10	1	0
2	102.531	109.533	0.117	1	80	10	1	0
3	125.538	132.540	0.117	1	80	10	1	0
4	136.541	143.543	0.117	1	80	10	1	0

Window # 4

Number of cycles: 175
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P2 Mass intervals: 3 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	59.518	66.520	0.117	1	80	10	1	0
2	123.537	138.541	0.250	1	80	10	1	0
3	160.548	167.550	0.117	1	80	10	1	0

Window # 5

Number of cycles: 400
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P3 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	105.532	108.532	0.050	1	80	10	1	0
2	131.540	134.540	0.050	1	80	10	1	0
3	138.542	144.543	0.100	1	80	10	1	0
4	161.548	165.549	0.067	1	80	10	1	0
5	168.551	173.552	0.084	1	80	10	1	0
6	195.559	202.560	0.117	1	80	10	1	0

Window # 6

Number of cycles: 320
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P4 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	107.532	110.533	0.050	1	80	10	1	0
2	137.541	140.542	0.050	1	80	10	1	0
3	148.545	155.546	0.117	1	80	10	1	0
4	157.547	165.549	0.134	1	80	10	1	0
5	166.550	170.551	0.067	1	80	10	1	0
6	182.555	185.555	0.050	1	80	10	1	0

Window # 7

Number of cycles: 455
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P5 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	162.549	167.550	0.084	1	80	10	1	0
2	174.552	179.554	0.084	1	80	10	1	0
3	184.555	189.557	0.083	1	80	10	1	0
4	196.559	199.560	0.050	1	80	10	1	0
5	263.579	270.581	0.117	1	80	10	1	0

Window # 8

Number of cycles: 775
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P6 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	163.549	168.550	0.084	1	80	10	1	0
2	197.559	205.561	0.134	1	80	10	1	0
3	207.562	213.564	0.100	1	80	10	1	0
4	217.565	220.566	0.050	1	80	10	1	0
5	239.572	245.573	0.100	1	80	10	1	0

Window # 9

Number of cycles: 1600
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Window # 10

Number of cycles: 10
Filament is ON
Multiplier is ON and set to -1306. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Interface number	0	
Sub-interface number	0	
# of acqu buffers	24	
Instrument type	Q	
Full scale mass	812	u
Zero scale mass	1	u
Intensity/ion	2	
Peak width	1000.	mmu
Offset at low mass	0	mmu
Offset at high mass	0	mmu
Voltage settling time(ms)	4	

Current instrument parameters.

	Positive ion mode	Negative ion mode
Resolution (high)	128.00	128.00
Resolution (low)	128.00	128.00
Ion energy	1.33	-4.00
Ion programming	8.00	-4.00

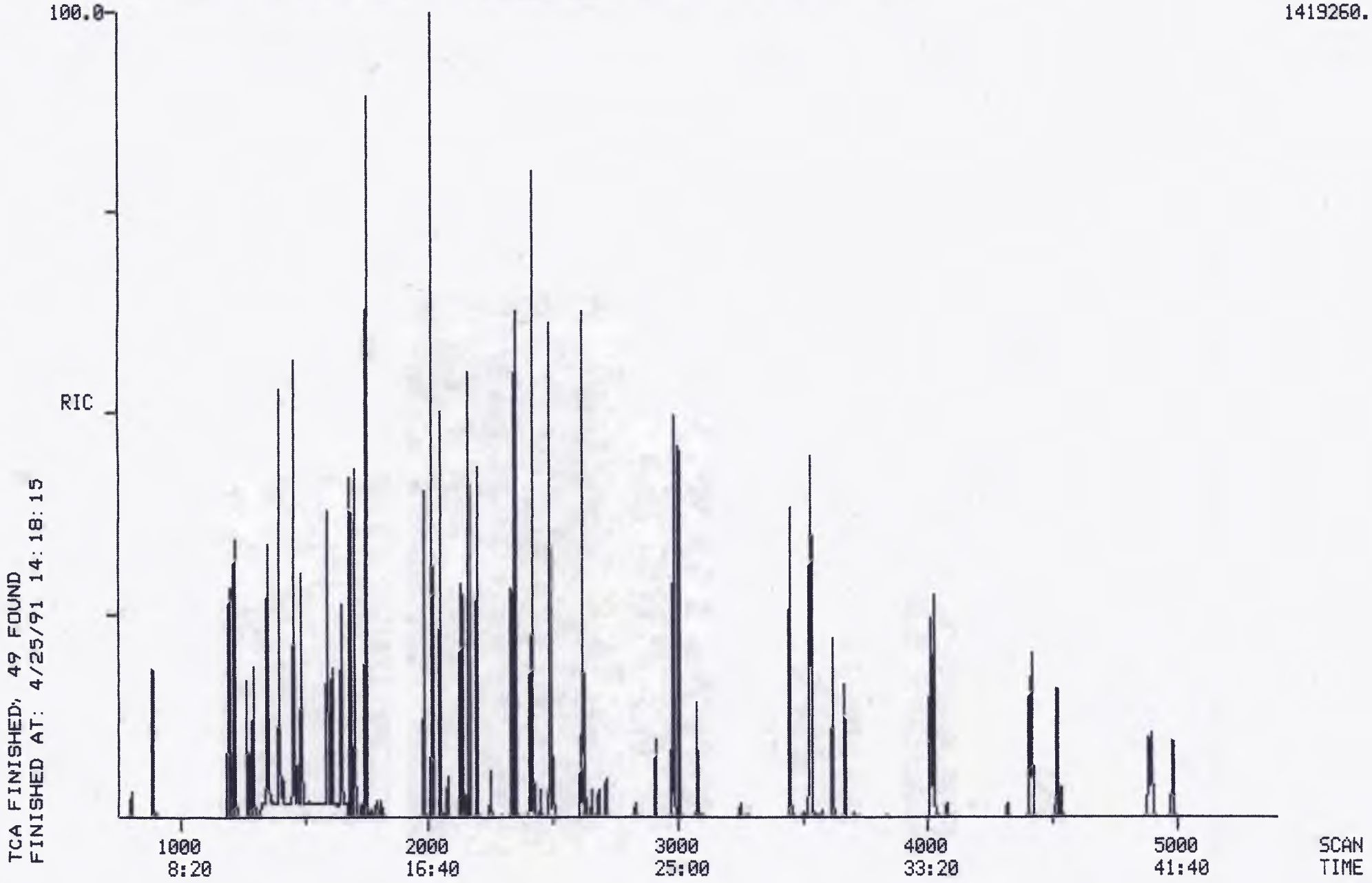
Extractor voltage 0.00 not used

Electron multiplier voltage: -1306.
Electrometer Range: 10 ^-7
Electrometer zero: 0.9

4/26/91 14:12:35
Acquisition completed
Scans 1 to 5400 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second	
Centroid	5400	113.3	2700.0	4.2	50454.	9.	19.

MIDRIC DATA: WAN1116D #1 SCANS 750 TO 5400
04/26/91 13:28:00 CALI: WAN1116D #5
SAMPLE: WAN1116D BNA STD MIX LABN1115D 40NG/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



Quantitation Report File: WAN1116D

Data: WAN1116D.TI
04/26/91 13:28:00
Sample: WAN1116D BNA STD MIX LABN1115D 40NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1293	10:47	1	1.000	A BB	193746.	5.000 UG/ML	0.56
2	136	1747	14:34	2	1.000	A BB	811049.	5.000 UG/ML	0.56
3	164	2408	20:04	3	1.000	A BB	376833.	5.000 UG/ML	0.56
4	188	2978	24:49	4	1.000	A BB	457008.	5.000 UG/ML	0.56
5	240	4018	33:29	5	1.000	A BB	247814.	5.000 UG/ML	0.56
6	264	4538	37:49	6	1.000	A BB	174822.	5.000 UG/ML	0.56
7	112	890	7:25	1	0.688	A BB	906584.	20.000 UG/ML	2.25
8	99	1196	9:58	1	0.925	A BB	1352110.	20.000 UG/ML	2.25
9	94	1201	10:01	1	0.929	A BB	1528040.	20.000 UG/ML	2.25
10	128	1223	10:12	1	0.946	A BB	1029940.	20.000 UG/ML	2.25
11	108	1403	11:42	1	1.085	A BV	1139130.	20.000 UG/ML	2.25
12	108	1461	12:11	1	1.130	A BB	1241500.	20.000 UG/ML	2.25
13	82	1492	12:26	2	0.854	A BB	1227510.	20.000 UG/ML	2.25
14	139	1614	13:27	2	0.924	A BB	579005.	20.000 UG/ML	2.25
15	107	1652	13:46	2	0.946	A BB	1095060.	20.000 UG/ML	2.25
16	162	1706	14:13	2	0.977	A BB	804712.	20.000 UG/ML	2.25
17	128	1755	14:38	2	1.005	A BV	3492790.	20.000 UG/ML	2.25
18	107	1985	16:33	2	1.136	A BB	951470.	20.000 UG/ML	2.25
19	142	2017	16:49	2	1.155	A BB	3019850.	20.000 UG/ML	2.25
20	142	2052	17:06	2	1.175	A BB	1381760.	20.000 UG/ML	2.25
21	196	2132	17:46	3	0.885	A BV	437765.	20.000 UG/ML	2.25
22	196	2142	17:51	3	0.890	A VB	421937.	20.000 UG/ML	2.25
23	172	2166	18:03	3	0.900	A BB	1840370.	20.000 UG/ML	2.25
24	162	2198	18:19	3	0.913	A BB	1815370.	20.000 UG/ML	2.25
25	152	2352	19:36	3	0.977	A BB	2334310.	20.000 UG/ML	2.25
26	153	2422	20:11	3	1.006	A BB	1720070.	20.000 UG/ML	2.25
27	184	2451	20:26	3	1.018	A BB	125701.	20.000 UG/ML	2.25
28	168	2490	20:45	3	1.034	A BB	2376510.	20.000 UG/ML	2.25
29	109	2492	20:46	3	1.035	A BB	129859.	20.000 UG/ML	2.25
30	166	2622	21:51	3	1.089	A BB	1823790.	20.000 UG/ML	2.25
31	330	2714	22:37	3	1.127	A BB	98229.	20.000 UG/ML	2.25
32	198	2657	22:09	4	0.892	A BB	198750.	20.000 UG/ML	2.25
33	266	2914	24:17	4	0.979	A BB	178541.	20.000 UG/ML	2.25
34	178	2989	24:55	4	1.004	A BB	2297040.	20.000 UG/ML	2.25
35	178	3008	25:04	4	1.010	A BB	2174200.	20.000 UG/ML	2.25
36	167	3081	25:41	4	1.035	A BB	727870.	20.000 UG/ML	2.25
37	202	3454	28:47	4	1.160	A BB	1930180.	20.000 UG/ML	2.25
38	212	3532	29:26	5	0.879	A BB	1438730.	20.000 UG/ML	2.25
39	202	3539	29:30	5	0.881	A BB	1957440.	20.000 UG/ML	2.25
40	244	3624	30:12	5	0.902	A BB	944212.	20.000 UG/ML	2.25
41	219	3671	30:36	5	0.914	A BB	507247.	20.000 UG/ML	2.25
42	228	4015	33:28	5	0.999	A BV	1265410.	20.000 UG/ML	2.25
43	228	4029	33:35	5	1.003	A BB	1210080.	20.000 UG/ML	2.25
44	252	4412	36:46	6	0.972	A BV	1020250.	20.000 UG/ML	2.25
45	252	4423	36:52	6	0.975	A VB	937312.	20.000 UG/ML	2.25
46	252	4521	37:41	6	0.996	A BV	855141.	20.000 UG/ML	2.25
47	276	4890	40:45	6	1.078	A BV	684804.	20.000 UG/ML	2.25
48	278	4903	40:52	6	1.080	A BB	606805.	20.000 UG/ML	2.25
49	276	4986	41:33	6	1.099	A BB	680777.	20.000 UG/ML	2.25

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:34	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:04	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:29	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:25	1.00	0.688	1.00	20.00	20.00	1.170	1.170	1.00
8	9:58	1.00	0.925	1.00	20.00	20.00	1.745	1.745	1.00
9	10:01	1.00	0.929	1.00	20.00	20.00	1.972	1.972	1.00
10	10:12	1.00	0.946	1.00	20.00	20.00	1.329	1.329	1.00
11	11:42	1.00	1.085	1.00	20.00	20.00	1.470	1.470	1.00
12	12:11	1.00	1.130	1.00	20.00	20.00	1.602	1.602	1.00
13	12:26	1.00	0.854	1.00	20.00	20.00	0.378	0.378	1.00
14	13:27	1.00	0.924	1.00	20.00	20.00	0.178	0.178	1.00
15	13:46	1.00	0.946	1.00	20.00	20.00	0.338	0.338	1.00
16	14:13	1.00	0.977	1.00	20.00	20.00	0.248	0.248	1.00
17	14:38	1.00	1.005	1.00	20.00	20.00	1.077	1.077	1.00
18	16:33	1.00	1.136	1.00	20.00	20.00	0.293	0.293	1.00
19	16:49	1.00	1.155	1.00	20.00	20.00	0.931	0.931	1.00
20	17:06	1.00	1.175	1.00	20.00	20.00	0.426	0.426	1.00
21	17:46	1.00	0.885	1.00	20.00	20.00	0.290	0.290	1.00
22	17:51	1.00	0.890	1.00	20.00	20.00	0.280	0.280	1.00
23	18:03	1.00	0.900	1.00	20.00	20.00	1.221	1.221	1.00
24	18:19	1.00	0.913	1.00	20.00	20.00	1.204	1.204	1.00
25	19:36	1.00	0.977	1.00	20.00	20.00	1.549	1.549 -	1.00
26	20:11	1.00	1.006	1.00	20.00	20.00	1.141	1.141	1.00
27	20:26	1.00	1.018	1.00	20.00	20.00	0.083	0.083	1.00
28	20:45	1.00	1.034	1.00	20.00	20.00	1.577	1.577	1.00
29	20:46	1.00	1.035	1.00	20.00	20.00	0.086	0.086	1.00
30	21:51	1.00	1.089	1.00	20.00	20.00	1.210	1.210	1.00
31	22:37	1.00	1.127	1.00	20.00	20.00	0.065	0.065	1.00
32	22:09	1.00	0.892	1.00	20.00	20.00	0.109	0.109	1.00
33	24:17	1.00	0.979	1.00	20.00	20.00	0.098	0.098 -	1.00
34	24:55	1.00	1.004	1.00	20.00	20.00	1.257	1.257	1.00
35	25:04	1.00	1.010	1.00	20.00	20.00	1.189	1.189	1.00
36	25:41	1.00	1.035	1.00	20.00	20.00	0.398	0.398	1.00
37	28:47	1.00	1.160	1.00	20.00	20.00	1.056	1.056	1.00
38	29:26	1.00	0.879	1.00	20.00	20.00	1.451	1.451	1.00
39	29:30	1.00	0.881	1.00	20.00	20.00	1.975	1.975	1.00
40	30:12	1.00	0.902	1.00	20.00	20.00	0.953	0.953	1.00
41	30:36	1.00	0.914	1.00	20.00	20.00	0.512	0.512	1.00
42	33:28	1.00	0.999	1.00	20.00	20.00	1.277	1.277	1.00
43	33:35	1.00	1.003	1.00	20.00	20.00	1.221	1.221	1.00
44	36:46	1.00	0.972	1.00	20.00	20.00	1.459	1.459	1.00
45	36:52	1.00	0.975	1.00	20.00	20.00	1.340	1.340	1.00
46	37:41	1.00	0.996	1.00	20.00	20.00	1.223	1.223	1.00
47	40:45	1.00	1.078	1.00	20.00	20.00	0.979	0.979	1.00
48	40:52	1.00	1.080	1.00	20.00	20.00	0.868	0.868	1.00
49	41:33	1.00	1.099	1.00	20.00	20.00	0.974	0.974	1.00

Quantitation Report File: WAN1116D

Data: WAN1116D.TI
04/26/91 13:28:00
Sample: WAN1116D BNA STD MIX LABN1115D 40NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1293	10:47	1	1.000	A BB	193746.	5.000 UG/ML	0.44
2	136	1747	14:34	2	1.000	A BB	811049.	5.000 UG/ML	0.44
3	164	2408	20:04	3	1.000	A BB	376833.	5.000 UG/ML	0.44
4	188	2978	24:49	4	1.000	A BB	457008.	5.000 UG/ML	0.44
5	240	4018	33:29	5	1.000	A BB	247814.	5.000 UG/ML	0.44
6	264	4538	37:49	6	1.000	A BB	174822.	5.000 UG/ML	0.44
7	112	890	7:25	1	0.688	A BB	906584.	21.237 UG/ML	1.85
8	99	1196	9:58	1	0.925	A BB	1352110.	22.780 UG/ML	1.99
9	94	1201	10:01	1	0.929	A BB	1528040.	22.844 UG/ML	1.99
10	128	1223	10:12	1	0.946	A BB	1029940.	21.468 UG/ML	1.87
11	108	1403	11:42	1	1.085	A BV	1139130.	24.397 UG/ML	2.13
12	108	1461	12:11	1	1.130	A BB	1241500.	25.120 UG/ML	2.19
13	82	1492	12:26	2	0.854	A BB	1227510.	24.731 UG/ML	2.16
14	139	1614	13:27	2	0.924	A BB	579005.	26.358 UG/ML	2.30
15	107	1652	13:46	2	0.946	A BB	1095060.	25.400 UG/ML	2.22
16	162	1706	14:13	2	0.977	A BB	804712.	22.423 UG/ML	1.96
17	128	1755	14:38	2	1.005	A BV	3492790.	19.060 UG/ML	1.66
18	107	1985	16:33	2	1.136	A BB	951470.	27.723 UG/ML	2.42
19	142	2017	16:49	2	1.155	A BB	3019850.	20.473 UG/ML	1.79
20	142	2052	17:06	2	1.175	A BB	1381760.	21.405 UG/ML	1.87
21	196	2132	17:46	3	0.885	A BV	437765.	25.102 UG/ML	2.19
22	196	2142	17:51	3	0.890	A VB	421937.	24.678 UG/ML	2.15
23	172	2166	18:03	3	0.900	A BB	1840370.	22.021 UG/ML	1.92
24	162	2198	18:19	3	0.913	A BB	1815370.	22.008 UG/ML	1.92
25	152	2352	19:36	3	0.977	A BB	2334310.	20.965 UG/ML	1.83
26	153	2422	20:11	3	1.006	A BB	1720070.	21.530 UG/ML	1.88
27	184	2451	20:26	3	1.018	A BB	125701.	76.894 UG/ML	6.71
28	168	2490	20:45	3	1.034	A BB	2376510.	20.672 UG/ML	1.80
29	109	2492	20:46	3	1.035	A BB	129859.	35.349 UG/ML	3.08
30	166	2622	21:51	3	1.089	A BB	1823790.	21.070 UG/ML	1.84
31	330	2714	22:37	3	1.127	A BB	98229.	30.292 UG/ML	2.64
32	198	2657	22:09	4	0.892	A BB	198750.	45.630 UG/ML	3.98
33	266	2914	24:17	4	0.979	A BB	178541.	38.632 UG/ML	3.37
34	178	2989	24:55	4	1.004	A BB	2297040.	21.850 UG/ML	1.91
35	178	3008	25:04	4	1.010	A BB	2174200.	24.467 UG/ML	2.13
36	167	3081	25:41	4	1.035	A BB	727870.	14.225 UG/ML	1.24
37	202	3454	28:47	4	1.160	A BB	1930180.	24.033 UG/ML	2.10
38	212	3532	29:26	5	0.879	A BB	1438730.	23.870 UG/ML	2.08
39	202	3539	29:30	5	0.881	A BB	1957440.	21.621 UG/ML	1.89
40	244	3624	30:12	5	0.902	A BB	944212.	24.523 UG/ML	2.14
41	219	3671	30:36	5	0.914	A BB	507247.	27.419 UG/ML	2.39
42	228	4015	33:28	5	0.999	A BV	1265410.	25.802 UG/ML	2.25
43	228	4029	33:35	5	1.003	A BB	1210080.	20.960 UG/ML	1.83
44	252	4412	36:46	6	0.972	A BV	1020250.	26.157 UG/ML	2.28
45	252	4423	36:52	6	0.975	A VB	937312.	22.864 UG/ML	1.99
46	252	4521	37:41	6	0.996	A BV	855141.	28.602 UG/ML	2.49
47	276	4890	40:45	6	1.078	A BV	684804.	28.717 UG/ML	2.50
48	278	4903	40:52	6	1.080	A BB	606805.	26.180 UG/ML	2.28
49	276	4986	41:33	6	1.099	A BB	680777.	24.954 UG/ML	2.18

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	21.24	4.00	5.849	1.102	5.31
8	9:55	1.01	0.922	1.00	22.78	4.00	8.723	1.532	5.69
9	9:58	1.01	0.926	1.00	22.84	4.00	9.859	1.726	5.71
10	10:10	1.00	0.945	1.00	21.47	4.00	6.645	1.238	5.37
11	11:40	1.00	1.084	1.00	24.40	4.00	7.349	1.205	6.10
12	12:08	1.00	1.128	1.00	25.12	4.00	8.010	1.275	6.28
13	12:24	1.00	0.853	1.00	24.73	4.00	1.892	0.306	6.18
14	13:25	1.00	0.923	1.00	26.36	4.00	0.892	0.135	6.59
15	13:44	1.00	0.944	1.00	25.40	4.00	1.688	0.266	6.35
16	14:11	1.00	0.975	1.00	22.42	4.00	1.240	0.221	5.61
17	14:36	1.00	1.004	1.00	19.06	4.00	5.383	1.130	4.76
18	16:31	1.00	1.136	1.00	27.72	4.00	1.466	0.212	6.93
19	16:47	1.00	1.155	1.00	20.47	4.00	4.654	0.909	5.12
20	17:05	1.00	1.175	1.00	21.40	4.00	2.130	0.398	5.35
21	17:45	1.00	0.885	1.00	25.10	4.00	1.452	0.231	6.28
22	17:50	1.00	0.889	1.00	24.68	4.00	1.400	0.227	6.17
23	18:02	1.00	0.899	1.00	22.02	4.00	6.105	1.109	5.51
24	18:18	1.00	0.912	1.00	22.01	4.00	6.022	1.094	5.50
25	19:35	1.00	0.977	1.00	20.96	4.00	7.743	1.477	5.24
26	20:10	1.00	1.005	1.00	21.53	4.00	5.706	1.060	5.38
27	20:24	1.00	1.017	1.00	76.89	4.00	0.417	0.022	19.22
28	20:43	1.00	1.033	1.00	20.67	4.00	7.883	1.525	5.17
29	20:44	1.00	1.034	1.00	35.35	4.00	0.431	0.049	8.84
30	21:50	1.00	1.089	1.00	21.07	4.00	6.050	1.148	5.27
31	22:36	1.00	1.127	1.00	30.29	4.00	0.326	0.043	7.57
32	22:07	1.00	0.891	1.00	45.63	4.00	0.544	0.048	11.41
33	24:16	1.00	0.978	1.00	38.63	4.00	0.488	0.051	9.66
34	24:53	1.00	1.003	1.00	21.85	4.00	6.283	1.150	5.46
35	25:03	1.00	1.010	1.00	24.47	4.00	5.947	0.972	6.12
36	25:39	1.00	1.034	1.00	14.22	4.00	1.991	0.560	3.56
37	28:45	1.00	1.159	1.00	24.03	4.00	5.279	0.879	6.01
38	29:24	1.00	0.879	1.00	23.87	4.00	7.257	1.216	5.97
39	29:27	1.00	0.880	1.00	21.62	4.00	9.874	1.827	5.41
40	30:10	1.00	0.902	1.00	24.52	4.00	4.763	0.777	6.13
41	30:34	1.00	0.914	1.00	27.42	4.00	2.559	0.373	6.85
42	33:25	1.00	0.999	1.00	25.80	4.00	6.383	0.990	6.45
43	33:32	1.00	1.002	1.00	20.96	4.00	6.104	1.165	5.24
44	36:43	1.00	0.972	1.00	26.16	4.00	7.295	1.116	6.54
45	36:48	1.00	0.974	1.00	22.86	4.00	6.702	1.172	5.72
46	37:38	1.00	0.996	1.00	28.60	4.00	6.114	0.855	7.15
47	40:41	1.00	1.077	1.00	28.72	4.00	4.896	0.682	7.18
48	40:47	1.00	1.079	1.00	26.18	4.00	4.339	0.663	6.55
49	41:28	1.00	1.097	1.00	24.95	4.00	4.868	0.780	6.24

PROCEDURE: TGA DIAGNOSTIC REPORT 4/25/91 14:12:59
DATA FILE: WAN1116D
REFERENCE: BNA11
NAME LIST: LLBNA INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: LLBNAX

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
6	6	3	72	12	12	1	149	LLBNAX/LLBNA1
1	1	1	0	9	9	1	58	LLBNAX2/LLBNA2
1	1	1	0	6	6	2	14	LLBNAX3/LLBNA3
1	1	1	0	7	7	1	74	LLBNAX3/LLBNA4
1	1	1	0	7	7	1	99	LLBNAX4/LLBNA5
1	1	1	0	7	7	1	80	LLBNAX5/LLBNA6
1	1	1	0	7	7	2	133	LLBNAX6/LLBNA7

49 COMPOUNDS PROCESSED, 49 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	LL	1	-1291	1293	1293	.	1	947	.	152	1293	.	1
2	LL	2	-1744	1746	1747	1	1	994	.	136	1747	.	1
3	LL	3	-2406	2409	2408	-1	1	982	.	164	2408	.	1
4	LL	4	-2976	2979	2978	-1	1	905	.	188	2978	.	1
5	LL	5	-4014	4018	4018	.	1	972	.	240	4018	.	1
6	LL	6	-4534	4538	4538	.	3	983	.	264	4538	.	1
7	LL	8	-887	891	890	-1	1	998	.	112	890	.	1
8	LL	10	-1190	1194	1196	2	1	996	.	99	1196	.	1
9	LL	11	-1195	1199	1201	2	1	1000	.	94	1201	.	1
10	LL	14	-1220	1224	1223	-1	1	868	.	128	1223	.	1
11	LL	20	-1399	1403	1403	.	1	996	.	108	1403	.	1
12	LL	24	-1456	1460	1461	1	1	997	.	108	1461	.	1
13	LL	25	-1487	1492	1492	.	1	997	.	82	1492	.	1
14	LL	28	-1610	1615	1614	-1	1	954	.	139	1614	.	1
15	LL	29	-1647	1651	1652	1	1	997	.	107	1652	.	1
16	LL	31	-1701	1705	1706	1	1	995	.	162	1706	.	1
17	LL	34	-1751	1755	1755	.	1	1000	-1	128	1755	.	1
18	LL	38	-1982	1985	1985	.	1	993	.	107	1985	.	1
19	LL	39	-2014	2017	2017	.	1	996	-1	142	2017	.	1
20	LL	40	-2049	2052	2052	.	1	997	.	142	2052	.	1
21	LL	42	-2129	2132	2132	.	1	994	.	196	2132	.	1
22	LL	43	-2139	2142	2142	.	2	1000	.	196	2142	.	1
23	LL	44	-2163	2166	2166	.	1	999	.	172	2166	.	1
24	LL	45	-2195	2198	2198	.	1	1000	.	162	2198	.	1
25	LL	48	-2350	2352	2352	.	1	995	.	152	2352	.	1
26	LL	51	-2419	2422	2422	.	1	998	.	153	2422	.	1
27	LL	52	-2448	2451	2451	.	1	995	.	184	2451	.	1
28	LL	54	-2486	2489	2490	1	1	990	.	168	2490	.	1
29	LL	55	-2488	2491	2490	-1	1	865	.	109	2492	2	1
30	LL	58	-2619	2622	2622	.	1	987	.	166	2622	.	1
31	LL	63	-2711	2714	2714	.	1	994	.	330	2714	.	1
32	LL	64	-2653	2656	2657	1	1	997	.	198	2657	.	1
33	LL	68	-2911	2914	2914	.	1	955	.	266	2914	.	1
34	LL	69	-2985	2988	2989	1	1	984	.	178	2989	.	1
35	LL	70	-3005	3008	3008	.	1	984	.	178	3008	.	1
36	LL	71	-3078	3082	3081	-1	1	995	.	167	3081	.	1
37	LL	73	-3449	3453	3454	1	1	998	.	202	3454	.	1
38	LL	75	-3527	3532	3532	.	1	972	.	212	3532	.	1
39	LL	76	-3534	3539	3539	.	1	998	.	202	3539	.	1
40	LL	77	-3620	3625	3624	-1	1	982	.	244	3624	.	1
41	LL	78	-3667	3672	3671	-1	1	969	.	219	3671	.	1
42	LL	80	-4010	4015	4015	.	1	954	.	228	4015	.	1
43	LL	82	-4023	4028	4029	1	1	948	.	228	4029	.	1
44	LL	85	-4406	4411	4412	1	1	960	.	252	4412	.	1

46	LL	87	-4515	4521	4521	.	1	961	.	252	4521	.	1
47	LL	88	-4882	4891	4890	-1	1	974	.	276	4890	.	1
48	LL	90	-4894	4903	4903	.	1	944	.	278	4903	.	1
49	LL	91	-4976	4985	4986	1	1	974	.	276	4986	.	1

Quantitation Report File: WAN1116A

.RL has 20 µg/ml curve removed except for SS and selected Targets

Data: WAN1116A.TI
04/26/91 9:30:00
Sample: WAN1116A BNA STD MIX LABN1115A 0.4NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name	
1	CI30	D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS50	2-FLUOROPHENOL (SS)
8	CS45	D5-PHENOL (SS)
9	C315	PHENOL
10	C330	2-CHLOROPHENOL
11	C355	2-METHYLPHENOL
12	C365	4-METHYLPHENOL
13	CS20	D5-NITROBENZENE (SS)
14	C420	2-NITROPHENOL
15	C425	2,4-DIMETHYLPHENOL
16	C440	2,4-DICHLOROPHENOL
17	C450	NAPHTHALENE
18	C465	4-CHLORO-3-METHYLPHENOL
19	C470	2-METHYLNAPHTHALENE
20	C475	1-METHYLNAPHTHALENE
21	C515	2,4,6-TRICHLOROPHENOL
22	C520	2,4,5-TRICHLOROPHENOL
23	CS25	2-FLUOROBIPHENYL (SS)
24	C525	2-CHLORONAPHTHALENE
25	C540	ACENAPHTHYLENE
26	C550	ACENAPHTHENE
27	C555	2,4-DINITROPHENOL
28	C565	DIBENZOFURAN
29	C560	4-NITROPHENOL
30	C590	9H-FLUORENE
31	CS55	2,4,6-TRIBROMOPHENOL (SS)
32	C610	4,6-DINITRO-2-METHYLPHENOL
33	C635	PENTACHLOROPHENOL
34	C640	PHENANTHRENE
35	C645	ANTHRACENE
36	C647	9H-CARBAZOLE
37	C655	FLUORANTHENE
38	CS35	D10-PYRENE (SS)
39	C715	PYRENE
40	CS30	D14-TERPHENYL (SS)
41	C717	RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730	BENZO(A)ANTHRACENE
43	C740	CHRYSENE
44	C765	BENZO(B)FLUORANTHENE
45	C770	BENZO(K)FLUORANTHENE
46	C775	BENZO(A)PYRENE
47	C780	INDENO(1,2,3-CD)PYRENE

these and all SS's use 2 to 20 .RL
others use .2 to 4 .RL

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1292	10:46	1	1.000	A BB	153708.	5.000 UG/ML	13.68
2	136	1745	14:33	2	1.000	A BB	585844.	5.000 UG/ML	13.68
3	164	2407	20:04	3	1.000	A BV	286747.	5.000 UG/ML	13.68
4	188	2977	24:49	4	1.000	A BB	377867.	5.000 UG/ML	13.68
5	240	4014	33:27	5	1.000	A BB	192700.	5.000 UG/ML	13.68
6	264	4535	37:48	6	1.000	A BB	139928.	5.000 UG/ML	13.68
7	112	888	7:24	1	0.687	A BB	4496.	0.151 UG/ML	0.41
8	99	1191	9:56	1	0.922	A BB	5274.	0.128 UG/ML	0.35
9	94	1195	9:58	1	0.925	A BB	6306.	0.189 UG/ML	0.52
10	128	1221	10:11	1	0.945	A BB	4109.	0.191 UG/ML	0.52
11	108	1399	11:40	1	1.083	A BB	3717.	0.176 UG/ML	0.48
12	108	1457	12:09	1	1.128	A BB	3628.	0.174 UG/ML	0.48
13	82	1488	12:24	2	0.853	A BB	3575.	0.113 UG/ML	0.31
14	139	1610	13:25	2	0.923	A BB	971.	0.180 UG/ML	0.49
15	107	1648	13:44	2	0.944	A BB	2521.	0.185 UG/ML	0.50
16	162	1702	14:11	2	0.975	A BB	1923.	0.183 UG/ML	0.50
17	128	1752	14:36	2	1.004	A BB	23477.	0.198 UG/ML	0.54
18	107	1983	16:32	2	1.136	A BB	1411.	0.173 UG/ML	0.47
19	142	2014	16:47	2	1.154	A BB	15445.	0.194 UG/ML	0.53
20	142	2049	17:05	2	1.174	A BB	6475.	0.190 UG/ML	0.52
21	196	2130	17:45	3	0.885	A BB	753.	0.176 UG/ML	0.48
22	196	2141	17:51	3	0.889	M XX	594.	0.172 UG/ML	0.47
23	172	2163	18:02	3	0.899	A BB	10064.	0.159 UG/ML	0.44
24	162	2195	18:18	3	0.912	A BB	9313.	0.191 UG/ML	0.52
25	152	2350	19:35	3	0.976	A BB	9696.	0.190 UG/ML	0.52
26	153	2419	20:10	3	1.005	A BB	8629.	0.190 UG/ML	0.52
27	NOT FOUND								
28	168	2487	20:44	3	1.033	A BV	12043.	0.188 UG/ML	0.51
29	NOT FOUND								
30	166	2619	21:50	3	1.088	A BB	7445.	0.185 UG/ML	0.51
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	178	2985	24:53	4	1.003	A BB	13267.	0.196 UG/ML	0.54
35	178	3006	25:03	4	1.010	A BB	6989.	0.189 UG/ML	0.52
36	167	3079	25:40	4	1.034	A BB	3644.	0.181 UG/ML	0.50
37	202	3449	28:45	4	1.159	A BB	5317.	0.174 UG/ML	0.48
38	212	3527	29:24	5	0.879	A BB	3906.	0.086 UG/ML	0.24
39	202	3534	29:27	5	0.880	A BB	6931.	0.170 UG/ML	0.46
40	244	3621	30:11	5	0.902	A BB	2647.	0.094 UG/ML	0.26
41	219	3667	30:34	5	0.914	A BB	1022.	0.160 UG/ML	0.44
42	228	4013	33:27	5	1.000	M XX	4578.	0.203 UG/ML	0.55
43	228	4024	33:32	5	1.002	M XX	6664.	0.194 UG/ML	0.53
44	252	4406	36:43	6	0.972	A BV	2428.	0.164 UG/ML	0.45
45	252	4415	36:48	6	0.974	A VB	2491.	0.170 UG/ML	0.46
46	252	4515	37:38	6	0.996	A BB	1684.	0.164 UG/ML	0.45
47	276	4882	40:41	6	1.077	A BB	1788.	0.185 UG/ML	0.51
48	278	4894	40:47	6	1.079	A BB	1512.	0.171 UG/ML	0.47
49	276	4974	41:27	6	1.097	A BB	2286.	0.180 UG/ML	0.49

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:34	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:04	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:29	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:25	1.00	0.688	1.00	0.15	20.00	0.009	1.170	0.01
8	9:58	1.00	0.925	1.00	0.13	20.00	0.011	1.745	0.01
9	10:01	1.00	0.929	1.00	0.19	20.00	0.019	1.972	0.01
10	10:12	1.00	0.946	1.00	0.19	20.00	0.013	1.329	0.01
11	11:42	1.00	1.085	1.00	0.18	20.00	0.013	1.470	0.01
12	12:11	1.00	1.130	1.00	0.17	20.00	0.014	1.602	0.01
13	12:26	1.00	0.854	1.00	0.11	20.00	0.002	0.378	0.01
14	13:27	1.00	0.924	1.00	0.18	20.00	0.002	0.178	0.01
15	13:46	1.00	0.946	1.00	0.18	20.00	0.003	0.338	0.01
16	14:13	1.00	0.977	1.00	0.18	20.00	0.002	0.248	0.01
17	14:38	1.00	1.005	1.00	0.20	20.00	0.011	1.077	0.01
18	16:33	1.00	1.136	1.00	0.17	20.00	0.003	0.293	0.01
19	16:49	1.00	1.155	1.00	0.19	20.00	0.009	0.931	0.01
20	17:06	1.00	1.175	1.00	0.19	20.00	0.004	0.426	0.01
21	17:46	1.00	0.885	1.00	0.18	20.00	0.003	0.290	0.01
22	17:51	1.00	0.890	1.00	0.17	20.00	0.002	0.280	0.01
23	18:03	1.00	0.900	1.00	0.16	20.00	0.010	1.221	0.01
24	18:19	1.00	0.913	1.00	0.19	20.00	0.011	1.204	0.01
25	19:36	1.00	0.977	1.00	0.19	20.00	0.015	1.549	0.01
26	20:11	1.00	1.006	1.00	0.19	20.00	0.011	1.141	0.01
27	20:26		1.018						
28	20:45	1.00	1.034	1.00	0.19	20.00	0.015	1.577	0.01
29	20:46		1.035						
30	21:51	1.00	1.089	1.00	0.19	20.00	0.011	1.210	0.01
31	22:37		1.127						
32	22:09		0.892						
33	24:17		0.979						
34	24:55	1.00	1.004	1.00	0.20	20.00	0.012	1.257	0.01
35	25:04	1.00	1.010	1.00	0.19	20.00	0.011	1.189	0.01
36	25:41	1.00	1.035	1.00	0.18	20.00	0.004	0.398	0.01
37	28:47	1.00	1.160	1.00	0.17	20.00	0.009	1.056	0.01
38	29:26	1.00	0.879	1.00	0.09	20.00	0.006	1.451	0.00
39	29:30	1.00	0.881	1.00	0.17	20.00	0.017	1.975	0.01
40	30:12	1.00	0.902	1.00	0.09	20.00	0.004	0.953	0.00
41	30:36	1.00	0.914	1.00	0.16	20.00	0.004	0.512	0.01
42	33:28	1.00	0.999	1.00	0.20	20.00	0.013	1.277	0.01
43	33:35	1.00	1.003	1.00	0.19	20.00	0.012	1.221	0.01
44	36:46	1.00	0.972	1.00	0.16	20.00	0.012	1.459	0.01
45	36:52	1.00	0.975	1.00	0.17	20.00	0.011	1.340	0.01
46	37:41	1.00	0.996	1.00	0.16	20.00	0.010	1.223	0.01
47	40:45	1.00	1.078	1.00	0.18	20.00	0.009	0.979	0.01
48	40:52	1.00	1.080	1.00	0.17	20.00	0.007	0.868	0.01
49	41:33	1.00	1.099	1.00	0.18	20.00	0.009	0.974	0.01

Quantitation Report File: WAN1116E

Data: WAN1116E.TI
04/26/91 10:25:00
Sample: WAN1116E BNA STD MIX LABN1115E 0.8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1292	10:46	1	1.000	A BB	110913.	5.000 UG/ML	11.32
2	136	1745	14:33	2	1.000	A BB	442858.	5.000 UG/ML	11.32
3	164	2408	20:04	3	1.000	A BV	214789.	5.000 UG/ML	11.32
4	188	2978	24:49	4	1.000	A BB	289097.	5.000 UG/ML	11.32
5	240	4016	33:28	5	1.000	A BB	146359.	5.000 UG/ML	11.32
6	264	4536	37:48	6	1.000	A BB	95897.	5.000 UG/ML	11.32
7	112	888	7:24	1	0.687	A BB	6103.	0.284 UG/ML	0.64
8	99	1191	9:56	1	0.922	A BB	7519.	0.253 UG/ML	0.57
9	94	1195	9:58	1	0.925	A BB	9447.	0.387 UG/ML	0.88
10	128	1221	10:11	1	0.945	A BB	5837.	0.371 UG/ML	0.84
11	108	1400	11:40	1	1.084	A BB	5863.	0.379 UG/ML	0.86
12	108	1457	12:09	1	1.128	A BB	5670.	0.371 UG/ML	0.84
13	82	1488	12:24	2	0.853	A BB	5460.	0.228 UG/ML	0.52
14	139	1611	13:26	2	0.923	A BB	1631.	0.389 UG/ML	0.88
15	107	1648	13:44	2	0.944	A BB	4107.	0.389 UG/ML	0.88
16	162	1703	14:12	2	0.976	A BB	3066.	0.378 UG/ML	0.86
17	128	1753	14:37	2	1.005	A BB	35796.	0.398 UG/ML	0.90
18	107	1984	16:32	2	1.137	A BB	2352.	0.372 UG/ML	0.84
19	142	2015	16:48	2	1.155	A BB	23884.	0.392 UG/ML	0.89
20	142	2050	17:05	2	1.175	A BB	10417.	0.400 UG/ML	0.90
21	196	2130	17:45	3	0.885	A BB	1266.	0.386 UG/ML	0.87
22	196	2143	17:52	3	0.890	A BB	979.	0.368 UG/ML	0.83
23	172	2164	18:02	3	0.899	A BB	16170.	0.341 UG/ML	0.77
24	162	2196	18:18	3	0.912	A BB	15049.	0.408 UG/ML	0.92
25	152	2351	19:36	3	0.976	A BB	15394.	0.397 UG/ML	0.90
26	153	2420	20:10	3	1.005	A BB	13917.	0.405 UG/ML	0.92
27	NOT FOUND								
28	168	2488	20:44	3	1.033	A BB	19656.	0.405 UG/ML	0.92
29	NOT FOUND								
30	166	2620	21:50	3	1.088	A BB	12273.	0.401 UG/ML	0.91
31	330	2712	22:36	3	1.126	A BB	141.	0.093 UG/ML	0.21
32	NOT FOUND								
33	NOT FOUND								
34	178	2986	24:53	4	1.003	A BB	20739.	0.397 UG/ML	0.90
35	178	3006	25:03	4	1.009	A BB	11162.	0.388 UG/ML	0.88
36	167	3080	25:40	4	1.034	A BB	6462.	0.411 UG/ML	0.93
37	202	3451	28:46	4	1.159	A BB	9967.	0.416 UG/ML	0.94
38	212	3529	29:25	5	0.879	A BB	7410.	0.215 UG/ML	0.49
39	202	3536	29:28	5	0.880	A BB	12626.	0.400 UG/ML	0.91
40	244	3622	30:11	5	0.902	A BB	4694.	0.220 UG/ML	0.50
41	219	3669	30:35	5	0.914	A BB	2036.	0.408 UG/ML	0.92
42	228	4014	33:27	5	1.000	A BV	6476.	0.374 UG/ML	0.85
43	228	4025	33:33	5	1.002	A VB	10201.	0.388 UG/ML	0.88
44	252	4408	36:44	6	0.972	A BV	4175.	0.403 UG/ML	0.91
45	252	4417	36:49	6	0.974	A VB	3760.	0.368 UG/ML	0.83
46	252	4516	37:38	6	0.996	A BB	2903.	0.404 UG/ML	0.92
47	276	4882	40:41	6	1.076	A BB	2525.	0.376 UG/ML	0.85
48	278	4895	40:48	6	1.079	A BB	2430.	0.396 UG/ML	0.90
49	276	4976	41:28	6	1.097	A BB	3554.	0.404 UG/ML	0.92

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:34	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:04	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:29	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:25	1.00	0.688	1.00	0.28	20.00	0.017	1.170	0.01
8	9:58	1.00	0.925	1.00	0.25	20.00	0.022	1.745	0.01
9	10:01	1.00	0.929	1.00	0.39	20.00	0.038	1.972	0.02
10	10:12	1.00	0.946	1.00	0.37	20.00	0.025	1.329	0.02
11	11:42	1.00	1.085	1.00	0.38	20.00	0.028	1.470	0.02
12	12:11	1.00	1.130	1.00	0.37	20.00	0.030	1.602	0.02
13	12:26	1.00	0.854	1.00	0.23	20.00	0.004	0.378	0.01
14	13:27	1.00	0.924	1.00	0.39	20.00	0.003	0.178	0.02
15	13:46	1.00	0.946	1.00	0.39	20.00	0.007	0.338	0.02
16	14:13	1.00	0.977	1.00	0.38	20.00	0.005	0.248	0.02
17	14:38	1.00	1.005	1.00	0.40	20.00	0.021	1.077	0.02
18	16:33	1.00	1.136	1.00	0.37	20.00	0.005	0.293	0.02
19	16:49	1.00	1.155	1.00	0.39	20.00	0.018	0.931	0.02
20	17:06	1.00	1.175	1.00	0.40	20.00	0.009	0.426	0.02
21	17:46	1.00	0.885	1.00	0.39	20.00	0.006	0.290	0.02
22	17:51	1.00	0.890	1.00	0.37	20.00	0.005	0.280	0.02
23	18:03	1.00	0.900	1.00	0.34	20.00	0.021	1.221	0.02
24	18:19	1.00	0.913	1.00	0.41	20.00	0.025	1.204	0.02
25	19:36	1.00	0.977	1.00	0.40	20.00	0.031	1.549	0.02
26	20:11	1.00	1.006	1.00	0.41	20.00	0.023	1.141	0.02
27	20:26		1.018						
28	20:45	1.00	1.034	1.00	0.41	20.00	0.032	1.577	0.02
29	20:46		1.035						
30	21:51	1.00	1.089	1.00	0.40	20.00	0.024	1.210	0.02
31	22:37	1.00	1.127	1.00	0.09	20.00	0.000	0.065	0.00
32	22:09		0.892						
33	24:17		0.979						
34	24:55	1.00	1.004	1.00	0.40	20.00	0.025	1.257	0.02
35	25:04	1.00	1.010	1.00	0.39	20.00	0.023	1.189	0.02
36	25:41	1.00	1.035	1.00	0.41	20.00	0.008	0.398	0.02
37	28:47	1.00	1.160	1.00	0.42	20.00	0.022	1.056	0.02
38	29:26	1.00	0.879	1.00	0.22	20.00	0.016	1.451	0.01
39	29:30	1.00	0.881	1.00	0.40	20.00	0.039	1.975	0.02
40	30:12	1.00	0.902	1.00	0.22	20.00	0.010	0.953	0.01
41	30:36	1.00	0.914	1.00	0.41	20.00	0.010	0.512	0.02
42	33:28	1.00	0.999	1.00	0.37	20.00	0.024	1.277	0.02
43	33:35	1.00	1.003	1.00	0.39	20.00	0.024	1.221	0.02
44	36:46	1.00	0.972	1.00	0.40	20.00	0.029	1.459	0.02
45	36:52	1.00	0.975	1.00	0.37	20.00	0.025	1.340	0.02
46	37:41	1.00	0.996	1.00	0.40	20.00	0.025	1.223	0.02
47	40:45	1.00	1.078	1.00	0.38	20.00	0.018	0.979	0.02
48	40:52	1.00	1.080	1.00	0.40	20.00	0.017	0.868	0.02
49	41:33	1.00	1.099	1.00	0.40	20.00	0.020	0.974	0.02

Quantitation Report File: WAN1116B

Data: WAN1116B.TI
04/26/91 12:34:00
Sample: WAN1116B BNA STD MIX LABN1115B 4NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1289	10:45	1	1.000	A BB	119845.	5.000 UG/ML	4.15
2	136	1742	14:31	2	1.000	A BB	567690.	5.000 UG/ML	4.15
3	164	2404	20:02	3	1.000	A BB	307942.	5.000 UG/ML	4.15
4	188	2974	24:47	4	1.000	A BB	425966.	5.000 UG/ML	4.15
5	240	4012	33:26	5	1.000	A BB	197171.	5.000 UG/ML	4.15
6	264	4534	37:47	6	1.000	A BB	129448.	5.000 UG/ML	4.15
7	112	884	7:22	1	0.686	A BB	41941.	1.793 UG/ML	1.49
8	99	1188	9:54	1	0.922	A BB	58544.	1.801 UG/ML	1.49
9	94	1193	9:57	1	0.926	A BB	72757.	2.229 UG/ML	1.85
10	128	1218	10:09	1	0.945	A BB	50755.	2.287 UG/ML	1.90
11	108	1397	11:39	1	1.084	A BV	55999.	2.444 UG/ML	2.03
12	108	1454	12:07	1	1.128	A BV	59120.	2.496 UG/ML	2.07
13	82	1485	12:23	2	0.852	A BB	57002.	1.826 UG/ML	1.51
14	139	1608	13:24	2	0.923	A BB	20394.	2.234 UG/ML	1.85
15	107	1646	13:43	2	0.945	A BB	46908.	2.231 UG/ML	1.85
16	162	1700	14:10	2	0.976	A BB	39649.	2.296 UG/ML	1.90
17	128	1750	14:35	2	1.005	A BB	254372.	2.062 UG/ML	1.71
18	107	1980	16:30	2	1.137	A BB	35789.	2.366 UG/ML	1.96
19	142	2012	16:46	2	1.155	A BB	205959.	2.184 UG/ML	1.81
20	142	2047	17:04	2	1.175	A BB	89176.	2.184 UG/ML	1.81
21	196	2127	17:44	3	0.885	A BV	20576.	2.277 UG/ML	1.89
22	196	2138	17:49	3	0.889	A VB	19439.	2.344 UG/ML	1.94
23	172	2161	18:01	3	0.899	A BB	137879.	2.014 UG/ML	1.67
24	162	2193	18:17	3	0.912	A BB	132000.	2.113 UG/ML	1.75
25	152	2348	19:34	3	0.977	A BB	168602.	2.185 UG/ML	1.81
26	153	2416	20:08	3	1.005	A BB	128774.	2.144 UG/ML	1.78
27	184	2446	20:23	3	1.017	A BB	898.	1.085 UG/ML	0.90
28	168	2484	20:42	3	1.033	A BB	190295.	2.185 UG/ML	1.81
29	109	2486	20:43	3	1.034	M XX	2918.	1.373 UG/ML	1.14
30	166	2617	21:49	3	1.089	A BB	139785.	2.244 UG/ML	1.86
31	330	2709	22:35	3	1.127	A BB	3889.	1.732 UG/ML	1.44
32	198	2652	22:06	4	0.892	A BB	3427.	1.268 UG/ML	1.05
33	266	2910	24:15	4	0.978	A BB	3494.	1.233 UG/ML	1.02
34	178	2983	24:52	4	1.003	A BB	193421.	2.116 UG/ML	1.75
35	178	3003	25:02	4	1.010	A BB	149647.	2.231 UG/ML	1.85
36	167	3076	25:38	4	1.034	A BB	78108.	2.164 UG/ML	1.79
37	202	3448	28:44	4	1.159	A BB	129699.	2.231 UG/ML	1.85
38	212	3526	29:23	5	0.879	A BB	93791.	1.992 UG/ML	1.65
39	202	3533	29:27	5	0.881	A BB	151334.	2.439 UG/ML	2.02
40	244	3619	30:10	5	0.902	A BB	56848.	1.946 UG/ML	1.61
41	219	3667	30:34	5	0.914	A BB	25441.	2.402 UG/ML	1.99
42	228	4010	33:25	5	1.000	A BV	64357.	2.140 UG/ML	1.77
43	228	4022	33:31	5	1.002	A VB	91157.	2.194 UG/ML	1.82
44	252	4405	36:43	6	0.972	A BV	48746.	2.388 UG/ML	1.98
45	252	4415	36:48	6	0.974	A VB	54208.	2.501 UG/ML	2.07
46	252	4514	37:37	6	0.996	A BB	33911.	2.352 UG/ML	1.95
47	276	4881	40:41	6	1.077	A BV	29319.	2.316 UG/ML	1.92
48	278	4893	40:47	6	1.079	A BB	27870.	2.341 UG/ML	1.94
49	276	4974	41:27	6	1.097	A BB	34058.	2.221 UG/ML	1.84

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:34	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:04	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:29	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:25	0.99	0.688	1.00	1.79	20.00	0.105	1.170	0.09
8	9:58	0.99	0.925	1.00	1.80	20.00	0.157	1.745	0.09
9	10:01	0.99	0.929	1.00	2.23	20.00	0.220	1.972	0.11
10	10:12	1.00	0.946	1.00	2.29	20.00	0.152	1.329	0.11
11	11:42	1.00	1.085	1.00	2.44	20.00	0.180	1.470	0.12
12	12:11	1.00	1.130	1.00	2.50	20.00	0.200	1.602	0.12
13	12:26	1.00	0.854	1.00	1.83	20.00	0.035	0.378	0.09
14	13:27	1.00	0.924	1.00	2.23	20.00	0.020	0.178	0.11
15	13:46	1.00	0.946	1.00	2.23	20.00	0.038	0.338	0.11
16	14:13	1.00	0.977	1.00	2.30	20.00	0.028	0.248	0.11
17	14:38	1.00	1.005	1.00	2.06	20.00	0.111	1.077	0.10
18	16:33	1.00	1.136	1.00	2.37	20.00	0.035	0.293	0.12
19	16:49	1.00	1.155	1.00	2.18	20.00	0.102	0.931	0.11
20	17:06	1.00	1.175	1.00	2.18	20.00	0.047	0.426	0.11
21	17:46	1.00	0.885	1.00	2.28	20.00	0.033	0.290	0.11
22	17:51	1.00	0.890	1.00	2.34	20.00	0.033	0.280	0.12
23	18:03	1.00	0.900	1.00	2.01	20.00	0.123	1.221	0.10
24	18:19	1.00	0.913	1.00	2.11	20.00	0.127	1.204	0.11
25	19:36	1.00	0.977	1.00	2.19	20.00	0.169	1.549	0.11
26	20:11	1.00	1.006	1.00	2.14	20.00	0.122	1.141	0.11
27	20:26	1.00	1.018	1.00	1.08	20.00	0.005	0.083	0.05
28	20:45	1.00	1.034	1.00	2.18	20.00	0.172	1.577	0.11
29	20:46	1.00	1.035	1.00	1.37	20.00	0.006	0.086	0.07
30	21:51	1.00	1.089	1.00	2.24	20.00	0.136	1.210	0.11
31	22:37	1.00	1.127	1.00	1.73	20.00	0.006	0.065	0.09
32	22:09	1.00	0.892	1.00	1.27	20.00	0.007	0.109	0.06
33	24:17	1.00	0.979	1.00	1.23	20.00	0.006	0.098	0.06
34	24:55	1.00	1.004	1.00	2.12	20.00	0.133	1.257	0.11
35	25:04	1.00	1.010	1.00	2.23	20.00	0.133	1.189	0.11
36	25:41	1.00	1.035	1.00	2.16	20.00	0.043	0.398	0.11
37	28:47	1.00	1.160	1.00	2.23	20.00	0.118	1.056	0.11
38	29:26	1.00	0.879	1.00	1.99	20.00	0.145	1.451	0.10
39	29:30	1.00	0.881	1.00	2.44	20.00	0.241	1.975	0.12
40	30:12	1.00	0.902	1.00	1.95	20.00	0.093	0.953	0.10
41	30:36	1.00	0.914	1.00	2.40	20.00	0.061	0.512	0.12
42	33:28	1.00	0.999	1.00	2.14	20.00	0.137	1.277	0.11
43	33:35	1.00	1.003	1.00	2.19	20.00	0.134	1.221	0.11
44	36:46	1.00	0.972	1.00	2.39	20.00	0.174	1.459	0.12
45	36:52	1.00	0.975	1.00	2.50	20.00	0.168	1.340	0.13
46	37:41	1.00	0.996	1.00	2.35	20.00	0.144	1.223	0.12
47	40:45	1.00	1.078	1.00	2.32	20.00	0.113	0.979	0.12
48	40:52	1.00	1.080	1.00	2.34	20.00	0.102	0.868	0.12
49	41:33	1.00	1.099	1.00	2.22	20.00	0.108	0.974	0.11

Quantitation Report File: WAN1116

Data: WAN1116.TI
04/26/91 8:37:00
Sample: WAN1116 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1291	10:46	1	1.000	A BB	126961.	5.000 UG/ML	2.45
2	136	1744	14:32	2	1.000	A BB	493823.	5.000 UG/ML	2.45
3	164	2406	20:03	3	1.000	A BB	249649.	5.000 UG/ML	2.45
4	188	2976	24:48	4	1.000	A BB	336696.	5.000 UG/ML	2.45
5	240	4014	33:27	5	1.000	A BB	187816.	5.000 UG/ML	2.45
6	264	4534	37:47	6	1.000	A BB	132520.	5.000 UG/ML	2.45
7	112	887	7:24	1	0.687	A BB	111894.	4.442 UG/ML	2.18
8	99	1190	9:55	1	0.922	A BB	155582.	4.421 UG/ML	2.17
9	94	1195	9:58	1	0.926	A BB	175334.	3.864 UG/ML	1.90
10	128	1220	10:10	1	0.945	A BB	125752.	3.844 UG/ML	1.89
11	108	1399	11:40	1	1.084	A BV	122387.	3.714 UG/ML	1.82
12	108	1456	12:08	1	1.128	A BV	129549.	3.690 UG/ML	1.81
13	82	1487	12:24	2	0.853	A BB	120885.	4.361 UG/ML	2.14
14	139	1610	13:25	2	0.923	A BB	53500.	3.900 UG/ML	1.91
15	107	1647	13:44	2	0.944	A BV	105002.	3.866 UG/ML	1.90
16	162	1701	14:11	2	0.975	A BB	87405.	3.829 UG/ML	1.88
17	128	1751	14:36	2	1.004	A BB	446316.	3.936 UG/ML	1.93
18	107	1982	16:31	2	1.136	M XX	83586.	3.817 UG/ML	1.87
19	142	2014	16:47	2	1.155	A BV	359247.	3.823 UG/ML	1.88
20	142	2049	17:05	2	1.175	A BB	157219.	3.826 UG/ML	1.88
21	196	2129	17:45	3	0.885	A BV	46214.	3.853 UG/ML	1.89
22	196	2139	17:50	3	0.889	A VB	45309.	3.836 UG/ML	1.88
23	172	2163	18:02	3	0.899	A BB	221470.	3.971 UG/ML	1.95
24	162	2195	18:18	3	0.912	A BB	218590.	3.879 UG/ML	1.90
25	152	2350	19:35	3	0.977	A BB	295062.	3.833 UG/ML	1.88
26	153	2419	20:10	3	1.005	A BB	211707.	3.848 UG/ML	1.89
27	184	2448	20:24	3	1.017	A BB	4332.	5.646 UG/ML	2.77
28	168	2486	20:43	3	1.033	A BB	304643.	3.801 UG/ML	1.86
29	109	2488	20:44	3	1.034	M XX	9735.	5.225 UG/ML	2.56
30	166	2619	21:50	3	1.089	A BB	229375.	3.759 UG/ML	1.84
31	330	2711	22:36	3	1.127	A BB	8593.	4.542 UG/ML	2.23
32	198	2653	22:07	4	0.891	A BB	12836.	5.376 UG/ML	2.64
33	266	2911	24:16	4	0.978	A BB	13619.	5.462 UG/ML	2.68
34	178	2985	24:53	4	1.003	A BB	309805.	3.874 UG/ML	1.90
35	178	3005	25:03	4	1.010	A BB	261878.	3.802 UG/ML	1.86
36	167	3078	25:39	4	1.034	A BB	150793.	3.877 UG/ML	1.90
37	202	3449	28:45	4	1.159	A BB	236680.	3.814 UG/ML	1.87
38	212	3527	29:24	5	0.879	A BB	182723.	4.017 UG/ML	1.97
39	202	3534	29:27	5	0.880	A BB	274465.	3.630 UG/ML	1.78
40	244	3620	30:10	5	0.902	A BB	116723.	4.114 UG/ML	2.02
41	219	3667	30:34	5	0.914	A BB	56083.	3.758 UG/ML	1.84
42	228	4010	33:25	5	0.999	A BV	148677.	3.915 UG/ML	1.92
43	228	4023	33:32	5	1.002	A VB	175022.	3.833 UG/ML	1.88
44	252	4406	36:43	6	0.972	A BV	118267.	3.792 UG/ML	1.86
45	252	4416	36:48	6	0.974	A VB	124303.	3.719 UG/ML	1.82
46	252	4515	37:38	6	0.996	A BB	90654.	3.840 UG/ML	1.88
47	276	4882	40:41	6	1.077	A BV	72306.	3.832 UG/ML	1.88
48	278	4894	40:47	6	1.079	A VB	70278.	3.827 UG/ML	1.88
49	276	4976	41:28	6	1.097	M XX	82721.	3.872 UG/ML	1.90

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:34	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:04	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:29	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:25	1.00	0.688	1.00	4.44	20.00	0.260	1.170	0.22
8	9:58	0.99	0.925	1.00	4.42	20.00	0.386	1.745	0.22
9	10:01	1.00	0.929	1.00	3.86	20.00	0.381	1.972	0.19
10	10:12	1.00	0.946	1.00	3.84	20.00	0.255	1.329	0.19
11	11:42	1.00	1.085	1.00	3.71	20.00	0.273	1.470	0.19
12	12:11	1.00	1.130	1.00	3.69	20.00	0.296	1.602	0.18
13	12:26	1.00	0.854	1.00	4.36	20.00	0.082	0.378	0.22
14	13:27	1.00	0.924	1.00	3.90	20.00	0.035	0.178	0.20
15	13:46	1.00	0.946	1.00	3.87	20.00	0.065	0.338	0.19
16	14:13	1.00	0.977	1.00	3.83	20.00	0.047	0.248	0.19
17	14:38	1.00	1.005	1.00	3.94	20.00	0.212	1.077	0.20
18	16:33	1.00	1.136	1.00	3.82	20.00	0.056	0.293	0.19
19	16:49	1.00	1.155	1.00	3.82	20.00	0.178	0.931	0.19
20	17:06	1.00	1.175	1.00	3.83	20.00	0.081	0.426	0.19
21	17:46	1.00	0.885	1.00	3.85	20.00	0.056	0.290	0.19
22	17:51	1.00	0.890	1.00	3.84	20.00	0.054	0.280	0.19
23	18:03	1.00	0.900	1.00	3.97	20.00	0.242	1.221	0.20
24	18:19	1.00	0.913	1.00	3.88	20.00	0.234	1.204	0.19
25	19:36	1.00	0.977	1.00	3.83	20.00	0.297	1.549	0.19
26	20:11	1.00	1.006	1.00	3.85	20.00	0.220	1.141	0.19
27	20:26	1.00	1.018	1.00	5.65	20.00	0.024	0.083	0.28
28	20:45	1.00	1.034	1.00	3.80	20.00	0.300	1.577	0.19
29	20:46	1.00	1.035	1.00	5.23	20.00	0.023	0.086	0.26
30	21:51	1.00	1.089	1.00	3.76	20.00	0.227	1.210	0.19
31	22:37	1.00	1.127	1.00	4.54	20.00	0.015	0.065	0.23
32	22:09	1.00	0.892	1.00	5.38	20.00	0.029	0.109	0.27
33	24:17	1.00	0.979	1.00	5.46	20.00	0.027	0.098	0.27
34	24:55	1.00	1.004	1.00	3.87	20.00	0.243	1.257	0.19
35	25:04	1.00	1.010	1.00	3.80	20.00	0.226	1.189	0.19
36	25:41	1.00	1.035	1.00	3.88	20.00	0.077	0.398	0.19
37	28:47	1.00	1.160	1.00	3.81	20.00	0.201	1.056	0.19
38	29:26	1.00	0.879	1.00	4.02	20.00	0.292	1.451	0.20
39	29:30	1.00	0.881	1.00	3.63	20.00	0.358	1.975	0.18
40	30:12	1.00	0.902	1.00	4.11	20.00	0.196	0.953	0.21
41	30:36	1.00	0.914	1.00	3.76	20.00	0.096	0.512	0.19
42	33:28	1.00	0.999	1.00	3.91	20.00	0.250	1.277	0.20
43	33:35	1.00	1.003	1.00	3.83	20.00	0.234	1.221	0.19
44	36:46	1.00	0.972	1.00	3.79	20.00	0.277	1.459	0.19
45	36:52	1.00	0.975	1.00	3.72	20.00	0.249	1.340	0.19
46	37:41	1.00	0.996	1.00	3.84	20.00	0.235	1.223	0.19
47	40:45	1.00	1.078	1.00	3.83	20.00	0.188	0.979	0.19
48	40:52	1.00	1.080	1.00	3.83	20.00	0.166	0.868	0.19
49	41:33	1.00	1.099	1.00	3.87	20.00	0.188	0.974	0.19

Quantitation Report File: WAN1116D

Data: WAN1116D.TI
04/26/91 13:28:00
Sample: WAN1116D BNA STD MIX LABN1115D 40NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1293	10:47	1	1.000	A BB	193746.	5.000 UG/ML	1.21
2	136	1747	14:34	2	1.000	A BB	811049.	5.000 UG/ML	1.21
3	164	2408	20:04	3	1.000	A BB	376833.	5.000 UG/ML	1.21
4	188	2978	24:49	4	1.000	A BB	457008.	5.000 UG/ML	1.21
5	240	4018	33:29	5	1.000	A BB	247814.	5.000 UG/ML	1.21
6	264	4538	37:49	6	1.000	A BB	174822.	5.000 UG/ML	1.21
7	112	890	7:25	1	0.688	A BB	906584.	19.850 UG/ML	4.79
8	99	1196	9:58	1	0.925	A BB	1352110.	19.875 UG/ML	4.80
9	94	1201	10:01	1	0.929	A BB	1528040.	5.333 UG/ML	1.29
10	128	1223	10:12	1	0.946	A BB	1029940.	4.696 UG/ML	1.13
11	108	1403	11:42	1	1.085	A BV	1139130.	4.500 UG/ML	1.09
12	108	1461	12:11	1	1.130	A BB	1241500.	4.212 UG/ML	1.02
13	82	1492	12:26	2	0.854	A BB	1227510.	19.927 UG/ML	4.81
14	139	1614	13:27	2	0.924	A BB	579005.	3.346 UG/ML	0.81
15	107	1652	13:46	2	0.946	A BB	1095060.	3.740 UG/ML	0.90
16	162	1706	14:13	2	0.977	A BB	804712.	3.499 UG/ML	0.84
17	128	1755	14:38	2	1.005	A BV	3492790.	10.112 UG/ML	2.44
18	107	1985	16:33	2	1.136	A BB	951470.	3.207 UG/ML	0.77
19	142	2017	16:49	2	1.155	A BB	3019850.	6.109 UG/ML	1.47
20	142	2052	17:06	2	1.175	A BB	1381760.	5.947 UG/ML	1.44
21	196	2132	17:46	3	0.885	A BV	437765.	3.483 UG/ML	0.84
22	196	2142	17:51	3	0.890	A VB	421937.	3.253 UG/ML	0.79
23	172	2166	18:03	3	0.900	A BB	1840370.	20.007 UG/ML	4.83
24	162	2198	18:19	3	0.913	A BB	1815370.	7.431 UG/ML	1.79
25	152	2352	19:36	3	0.977	A BB	2334310.	4.995 UG/ML	1.21
26	153	2422	20:11	3	1.006	A BB	1720070.	6.695 UG/ML	1.62
27	184	2451	20:26	3	1.018	A BB	125701.	19.958 UG/ML	4.82
28	168	2490	20:45	3	1.034	A BB	2376510.	6.218 UG/ML	1.50
29	109	2492	20:46	3	1.035	A BB	129859.	19.858 UG/ML	4.79
30	166	2622	21:51	3	1.089	A BB	1823790.	4.873 UG/ML	1.18
31	330	2714	22:37	3	1.127	A BB	98229.	19.922 UG/ML	4.81
32	198	2657	22:09	4	0.892	A BB	198750.	19.893 UG/ML	4.80
33	266	2914	24:17	4	0.979	A BB	178541.	19.841 UG/ML	4.79
34	178	2989	24:55	4	1.004	A BB	2297040.	7.994 UG/ML	1.93
35	178	3008	25:04	4	1.010	A BB	2174200.	4.726 UG/ML	1.14
36	167	3081	25:41	4	1.035	A BB	727870.	4.423 UG/ML	1.07
37	202	3454	28:47	4	1.160	A BB	1930180.	4.486 UG/ML	1.08
38	212	3532	29:26	5	0.879	A BB	1438730.	19.995 UG/ML	4.83
39	202	3539	29:30	5	0.881	A BB	1957440.	4.924 UG/ML	1.19
40	244	3624	30:12	5	0.902	A BB	944212.	19.969 UG/ML	4.82
41	219	3671	30:36	5	0.914	A BB	507247.	4.467 UG/ML	1.08
42	228	4015	33:28	5	0.999	A BV	1265410.	5.936 UG/ML	1.43
43	228	4029	33:35	5	1.003	A BB	1210080.	7.591 UG/ML	1.83
44	252	4412	36:46	6	0.972	A BV	1020250.	4.696 UG/ML	1.13
45	252	4423	36:52	6	0.975	A VB	937312.	4.339 UG/ML	1.05
46	252	4521	37:41	6	0.996	A BV	855141.	4.539 UG/ML	1.10
47	276	4890	40:45	6	1.078	A BV	684804.	5.035 UG/ML	1.22
48	278	4903	40:52	6	1.080	A BB	606805.	4.767 UG/ML	1.15
49	276	4986	41:33	6	1.099	A BB	680777.	5.671 UG/ML	1.37

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:34	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:04	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:29	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:25	1.00	0.688	1.00	19.85	20.00	1.161	1.170	0.99
8	9:58	1.00	0.925	1.00	19.88	20.00	1.734	1.745	0.99
9	10:01	1.00	0.929	1.00	5.33	20.00	0.526	1.972	0.27
10	10:12	1.00	0.946	1.00	4.70	20.00	0.312	1.329	0.23
11	11:42	1.00	1.085	1.00	4.50	20.00	0.331	1.470	0.23
12	12:11	1.00	1.130	1.00	4.21	20.00	0.337	1.602	0.21
13	12:26	1.00	0.854	1.00	19.93	20.00	0.377	0.378	1.00
14	13:27	1.00	0.924	1.00	3.35	20.00	0.030	0.178	0.17
15	13:46	1.00	0.946	1.00	3.74	20.00	0.063	0.338	0.19
16	14:13	1.00	0.977	1.00	3.50	20.00	0.043	0.248	0.17
17	14:38	1.00	1.005	1.00	10.11	20.00	0.544	1.077	0.51
18	16:33	1.00	1.136	1.00	3.21	20.00	0.047	0.293	0.16
19	16:49	1.00	1.155	1.00	6.11	20.00	0.284	0.931	0.31
20	17:06	1.00	1.175	1.00	5.95	20.00	0.127	0.426	0.30
21	17:46	1.00	0.885	1.00	3.48	20.00	0.051	0.290	0.17
22	17:51	1.00	0.890	1.00	3.25	20.00	0.046	0.280	0.16
23	18:03	1.00	0.900	1.00	20.01	20.00	1.221	1.221	1.00
24	18:19	1.00	0.913	1.00	7.43	20.00	0.447	1.204	0.37
25	19:36	1.00	0.977	1.00	5.00	20.00	0.387	1.549	0.25
26	20:11	1.00	1.006	1.00	6.69	20.00	0.382	1.141	0.33
27	20:26	1.00	1.018	1.00	19.96	20.00	0.083	0.083	1.00
28	20:45	1.00	1.034	1.00	6.22	20.00	0.490	1.577	0.31
29	20:46	1.00	1.035	1.00	19.86	20.00	0.086	0.086	0.99
30	21:51	1.00	1.089	1.00	4.87	20.00	0.295	1.210	0.24
31	22:37	1.00	1.127	1.00	19.92	20.00	0.065	0.065	1.00
32	22:09	1.00	0.892	1.00	19.89	20.00	0.108	0.109	0.99
33	24:17	1.00	0.979	1.00	19.84	20.00	0.097	0.098	0.99
34	24:55	1.00	1.004	1.00	7.99	20.00	0.502	1.257	0.40
35	25:04	1.00	1.010	1.00	4.73	20.00	0.281	1.189	0.24
36	25:41	1.00	1.035	1.00	4.42	20.00	0.088	0.398	0.22
37	28:47	1.00	1.160	1.00	4.49	20.00	0.237	1.056	0.22
38	29:26	1.00	0.879	1.00	20.00	20.00	1.451	1.451	1.00
39	29:30	1.00	0.881	1.00	4.92	20.00	0.486	1.975	0.25
40	30:12	1.00	0.902	1.00	19.97	20.00	0.951	0.953	1.00
41	30:36	1.00	0.914	1.00	4.47	20.00	0.114	0.512	0.22
42	33:28	1.00	0.999	1.00	5.94	20.00	0.379	1.277	0.30
43	33:35	1.00	1.003	1.00	7.59	20.00	0.463	1.221	0.38
44	36:46	1.00	0.972	1.00	4.70	20.00	0.343	1.459	0.23
45	36:52	1.00	0.975	1.00	4.34	20.00	0.291	1.340	0.22
46	37:41	1.00	0.996	1.00	4.54	20.00	0.278	1.223	0.23
47	40:45	1.00	1.078	1.00	5.03	20.00	0.247	0.979	0.25
48	40:52	1.00	1.080	1.00	4.77	20.00	0.207	0.868	0.24
49	41:33	1.00	1.099	1.00	5.67	20.00	0.276	0.974	0.28

Quantitation Report File: WAN1116A

Full .RL

Data: WAN1116A.TI
04/26/91 9:30:00
Sample: WAN1116A BNA STD MIX LABN1115A 0.4NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1292	10:46	1	1.000	A BB	153708.	5.000 UG/ML	14.12
2	136	1745	14:33	2	1.000	A BB	585844.	5.000 UG/ML	14.12
3	164	2407	20:04	3	1.000	A BV	286747.	5.000 UG/ML	14.12
4	188	2977	24:49	4	1.000	A BB	377867.	5.000 UG/ML	14.12
5	240	4014	33:27	5	1.000	A BB	192700.	5.000 UG/ML	14.12
6	264	4535	37:48	6	1.000	A BB	139928.	5.000 UG/ML	14.12
7	112	888	7:24	1	0.687	A BB	4496.	0.177 UG/ML	0.50
8	99	1191	9:56	1	0.922	A BB	5274.	0.159 UG/ML	0.45
9	94	1195	9:58	1	0.925	A BB	6306.	0.159 UG/ML	0.45
10	128	1221	10:11	1	0.945	A BB	4109.	0.153 UG/ML	0.43
11	108	1399	11:40	1	1.083	A BB	3717.	0.138 UG/ML	0.39
12	108	1457	12:09	1	1.128	A BB	3628.	0.132 UG/ML	0.37
13	82	1488	12:24	2	0.853	A BB	3575.	0.147 UG/ML	0.42
14	139	1610	13:25	2	0.923	A BB	971.	0.113 UG/ML	0.32
15	107	1648	13:44	2	0.944	A BB	2521.	0.130 UG/ML	0.37
16	162	1702	14:11	2	0.975	A BB	1923.	0.123 UG/ML	0.35
17	128	1752	14:36	2	1.004	A BB	23477.	0.189 UG/ML	0.53
18	107	1983	16:32	2	1.136	A BB	1411.	0.104 UG/ML	0.29
19	142	2014	16:47	2	1.154	A BB	15445.	0.170 UG/ML	0.48
20	142	2049	17:05	2	1.174	A BB	6475.	0.166 UG/ML	0.47
21	196	2130	17:45	3	0.885	A BB	753.	0.105 UG/ML	0.30
22	196	2141	17:51	3	0.889	M XX	594.	0.091 UG/ML	0.26
23	172	2163	18:02	3	0.899	A BB	10064.	0.176 UG/ML	0.50
24	162	2195	18:18	3	0.912	A BB	9313.	0.172 UG/ML	0.49
25	152	2350	19:35	3	0.976	A BB	9696.	0.152 UG/ML	0.43
26	153	2419	20:10	3	1.005	A BB	8629.	0.168 UG/ML	0.47
27	NOT FOUND								
28	168	2487	20:44	3	1.033	A BV	12043.	0.163 UG/ML	0.46
29	NOT FOUND								
30	166	2619	21:50	3	1.088	A BB	7445.	0.147 UG/ML	0.42
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	178	2985	24:53	4	1.003	A BB	13267.	0.177 UG/ML	0.50
35	178	3006	25:03	4	1.010	A BB	6989.	0.140 UG/ML	0.39
36	167	3079	25:40	4	1.034	A BB	3644.	0.131 UG/ML	0.37
37	202	3449	28:45	4	1.159	A BB	5317.	0.123 UG/ML	0.35
38	212	3527	29:24	5	0.879	A BB	3906.	0.121 UG/ML	0.34
39	202	3534	29:27	5	0.880	A BB	6931.	0.131 UG/ML	0.37
40	244	3621	30:11	5	0.902	A BB	2647.	0.129 UG/ML	0.36
41	219	3667	30:34	5	0.914	A BB	1022.	0.113 UG/ML	0.32
42	228	4013	33:27	5	1.000	M XX	4578.	0.168 UG/ML	0.47
43	228	4024	33:32	5	1.002	M XX	6664.	0.174 UG/ML	0.49
44	252	4406	36:43	6	0.972	A BV	2428.	0.121 UG/ML	0.34
45	252	4415	36:48	6	0.974	A VB	2491.	0.120 UG/ML	0.34
46	252	4515	37:38	6	0.996	A BB	1684.	0.117 UG/ML	0.33
47	276	4882	40:41	6	1.077	A BB	1788.	0.142 UG/ML	0.40
48	278	4894	40:47	6	1.079	A BB	1512.	0.128 UG/ML	0.36
49	276	4974	41:27	6	1.097	A BB	2286.	0.148 UG/ML	0.42

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	0.18	4.00	0.049	1.102	0.04
8	9:55	1.00	0.922	1.00	0.16	4.00	0.061	1.532	0.04
9	9:58	1.00	0.926	1.00	0.16	4.00	0.068	1.726	0.04
10	10:10	1.00	0.945	1.00	0.15	4.00	0.047	1.238	0.04
11	11:40	1.00	1.084	1.00	0.14	4.00	0.042	1.205	0.03
12	12:08	1.00	1.128	1.00	0.13	4.00	0.042	1.275	0.03
13	12:24	1.00	0.853	1.00	0.15	4.00	0.011	0.306	0.04
14	13:25	1.00	0.923	1.00	0.11	4.00	0.004	0.135	0.03
15	13:44	1.00	0.944	1.00	0.13	4.00	0.009	0.266	0.03
16	14:11	1.00	0.975	1.00	0.12	4.00	0.007	0.221	0.03
17	14:36	1.00	1.004	1.00	0.19	4.00	0.053	1.130	0.05
18	16:31	1.00	1.136	1.00	0.10	4.00	0.005	0.212	0.03
19	16:47	1.00	1.155	1.00	0.17	4.00	0.039	0.909	0.04
20	17:05	1.00	1.175	1.00	0.17	4.00	0.016	0.398	0.04
21	17:45	1.00	0.885	1.00	0.10	4.00	0.006	0.231	0.03
22	17:50	1.00	0.889	1.00	0.09	4.00	0.005	0.227	0.02
23	18:02	1.00	0.899	1.00	0.18	4.00	0.049	1.109	0.04
24	18:18	1.00	0.912	1.00	0.17	4.00	0.047	1.094	0.04
25	19:35	1.00	0.977	1.00	0.15	4.00	0.056	1.477	0.04
26	20:10	1.00	1.005	1.00	0.17	4.00	0.044	1.060	0.04
27	20:24		1.017						
28	20:43	1.00	1.033	1.00	0.16	4.00	0.062	1.525	0.04
29	20:44		1.034						
30	21:50	1.00	1.089	1.00	0.15	4.00	0.042	1.148	0.04
31	22:36		1.127						
32	22:07		0.891						
33	24:16		0.978						
34	24:53	1.00	1.003	1.00	0.18	4.00	0.051	1.150	0.04
35	25:03	1.00	1.010	1.00	0.14	4.00	0.034	0.972	0.03
36	25:39	1.00	1.034	1.00	0.13	4.00	0.018	0.560	0.03
37	28:45	1.00	1.159	1.00	0.12	4.00	0.027	0.879	0.03
38	29:24	1.00	0.879	1.00	0.12	4.00	0.037	1.216	0.03
39	29:27	1.00	0.880	1.00	0.13	4.00	0.060	1.827	0.03
40	30:10	1.00	0.902	1.00	0.13	4.00	0.025	0.777	0.03
41	30:34	1.00	0.914	1.00	0.11	4.00	0.011	0.373	0.03
42	33:25	1.00	0.999	1.00	0.17	4.00	0.042	0.990	0.04
43	33:32	1.00	1.002	1.00	0.17	4.00	0.051	1.165	0.04
44	36:43	1.00	0.972	1.00	0.12	4.00	0.034	1.116	0.03
45	36:48	1.00	0.974	1.00	0.12	4.00	0.035	1.172	0.03
46	37:38	1.00	0.996	1.00	0.12	4.00	0.025	0.855	0.03
47	40:41	1.00	1.077	1.00	0.14	4.00	0.024	0.682	0.04
48	40:47	1.00	1.079	1.00	0.13	4.00	0.021	0.663	0.03
49	41:28	1.00	1.097	1.00	0.15	4.00	0.029	0.780	0.04

Quantitation Report File: WAN1116E

Data: WAN1116E.TI
04/26/91 10:25:00
Sample: WAN1116E BNA STD MIX LABN1115E 0.8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1292	10:46	1	1.000	A BB	110913.	5.000 UG/ML	11.95
2	136	1745	14:33	2	1.000	A BB	442858.	5.000 UG/ML	11.95
3	164	2408	20:04	3	1.000	A BV	214789.	5.000 UG/ML	11.95
4	188	2978	24:49	4	1.000	A BB	289097.	5.000 UG/ML	11.95
5	240	4016	33:28	5	1.000	A BB	146359.	5.000 UG/ML	11.95
6	264	4536	37:48	6	1.000	A BB	95897.	5.000 UG/ML	11.95
7	112	888	7:24	1	0.687	A BB	6103.	0.333 UG/ML	0.79
8	99	1191	9:56	1	0.922	A BB	7519.	0.315 UG/ML	0.75
9	94	1195	9:58	1	0.925	A BB	9447.	0.329 UG/ML	0.79
10	128	1221	10:11	1	0.945	A BB	5837.	0.301 UG/ML	0.72
11	108	1400	11:40	1	1.084	A BB	5863.	0.301 UG/ML	0.72
12	108	1457	12:09	1	1.128	A BB	5670.	0.285 UG/ML	0.68
13	82	1488	12:24	2	0.853	A BB	5460.	0.297 UG/ML	0.71
14	139	1611	13:26	2	0.923	A BB	1631.	0.250 UG/ML	0.60
15	107	1648	13:44	2	0.944	A BB	4107.	0.280 UG/ML	0.67
16	162	1703	14:12	2	0.976	A BB	3066.	0.258 UG/ML	0.62
17	128	1753	14:37	2	1.005	A BB	35796.	0.381 UG/ML	0.91
18	107	1984	16:32	2	1.137	A BB	2352.	0.228 UG/ML	0.55
19	142	2015	16:48	2	1.155	A BB	23884.	0.348 UG/ML	0.83
20	142	2050	17:05	2	1.175	A BB	10417.	0.352 UG/ML	0.84
21	196	2130	17:45	3	0.885	A BB	1266.	0.235 UG/ML	0.56
22	196	2143	17:52	3	0.890	A BB	979.	0.200 UG/ML	0.48
23	172	2164	18:02	3	0.899	A BB	16170.	0.378 UG/ML	0.90
24	162	2196	18:18	3	0.912	A BB	15049.	0.370 UG/ML	0.88
25	152	2351	19:36	3	0.976	A BB	15394.	0.323 UG/ML	0.77
26	153	2420	20:10	3	1.005	A BB	13917.	0.360 UG/ML	0.86
27	NOT FOUND								
28	168	2488	20:44	3	1.033	A BB	19656.	0.355 UG/ML	0.85
29	NOT FOUND								
30	166	2620	21:50	3	1.088	A BB	12273.	0.323 UG/ML	0.77
31	330	2712	22:36	3	1.126	A BB	141.	0.129 UG/ML	0.31
32	NOT FOUND								
33	NOT FOUND								
34	178	2986	24:53	4	1.003	A BB	20739.	0.361 UG/ML	0.86
35	178	3006	25:03	4	1.009	A BB	11162.	0.291 UG/ML	0.70
36	167	3080	25:40	4	1.034	A BB	6462.	0.304 UG/ML	0.73
37	202	3451	28:46	4	1.159	A BB	9967.	0.301 UG/ML	0.72
38	212	3529	29:25	5	0.879	A BB	7410.	0.300 UG/ML	0.72
39	202	3536	29:28	5	0.880	A BB	12626.	0.314 UG/ML	0.75
40	244	3622	30:11	5	0.902	A BB	4694.	0.301 UG/ML	0.72
41	219	3669	30:35	5	0.914	A BB	2036.	0.295 UG/ML	0.70
42	228	4014	33:27	5	1.000	A BV	6476.	0.313 UG/ML	0.75
43	228	4025	33:33	5	1.002	A VB	10201.	0.351 UG/ML	0.84
44	252	4408	36:44	6	0.972	A BV	4175.	0.303 UG/ML	0.72
45	252	4417	36:49	6	0.974	A VB	3760.	0.263 UG/ML	0.63
46	252	4516	37:38	6	0.996	A BB	2903.	0.295 UG/ML	0.70
47	276	4882	40:41	6	1.076	A BB	2525.	0.293 UG/ML	0.70
48	278	4895	40:48	6	1.079	A BB	2430.	0.300 UG/ML	0.72
49	276	4976	41:28	6	1.097	A BB	3554.	0.335 UG/ML	0.80

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	0.33	4.00	0.092	1.102	0.08
8	9:55	1.00	0.922	1.00	0.31	4.00	0.121	1.532	0.08
9	9:58	1.00	0.926	1.00	0.33	4.00	0.142	1.726	0.08
10	10:10	1.00	0.945	1.00	0.30	4.00	0.093	1.238	0.08
11	11:40	1.00	1.084	1.00	0.30	4.00	0.091	1.205	0.08
12	12:08	1.00	1.128	1.00	0.28	4.00	0.091	1.275	0.07
13	12:24	1.00	0.853	1.00	0.30	4.00	0.023	0.306	0.07
14	13:25	1.00	0.923	1.00	0.25	4.00	0.008	0.135	0.06
15	13:44	1.00	0.944	1.00	0.28	4.00	0.019	0.266	0.07
16	14:11	1.00	0.975	1.00	0.26	4.00	0.014	0.221	0.06
17	14:36	1.00	1.004	1.00	0.38	4.00	0.108	1.130	0.10
18	16:31	1.00	1.136	1.00	0.23	4.00	0.012	0.212	0.06
19	16:47	1.00	1.155	1.00	0.35	4.00	0.079	0.909	0.09
20	17:05	1.00	1.175	1.00	0.35	4.00	0.035	0.398	0.09
21	17:45	1.00	0.885	1.00	0.24	4.00	0.014	0.231	0.06
22	17:50	1.00	0.889	1.00	0.20	4.00	0.011	0.227	0.05
23	18:02	1.00	0.899	1.00	0.38	4.00	0.105	1.109	0.09
24	18:18	1.00	0.912	1.00	0.37	4.00	0.101	1.094	0.09
25	19:35	1.00	0.977	1.00	0.32	4.00	0.119	1.477	0.08
26	20:10	1.00	1.005	1.00	0.36	4.00	0.096	1.060	0.09
27	20:24		1.017						
28	20:43	1.00	1.033	1.00	0.35	4.00	0.135	1.525	0.09
29	20:44		1.034						
30	21:50	1.00	1.089	1.00	0.32	4.00	0.093	1.148	0.08
31	22:36	1.00	1.127	1.00	0.13	4.00	0.001	0.043	0.03
32	22:07		0.891						
33	24:16		0.978						
34	24:53	1.00	1.003	1.00	0.36	4.00	0.104	1.150	0.09
35	25:03	1.00	1.010	1.00	0.29	4.00	0.071	0.972	0.07
36	25:39	1.00	1.034	1.00	0.30	4.00	0.042	0.560	0.08
37	28:45	1.00	1.159	1.00	0.30	4.00	0.066	0.879	0.08
38	29:24	1.00	0.879	1.00	0.30	4.00	0.091	1.216	0.08
39	29:27	1.00	0.880	1.00	0.31	4.00	0.143	1.827	0.08
40	30:10	1.00	0.902	1.00	0.30	4.00	0.058	0.777	0.08
41	30:34	1.00	0.914	1.00	0.29	4.00	0.028	0.373	0.07
42	33:25	1.00	0.999	1.00	0.31	4.00	0.077	0.990	0.08
43	33:32	1.00	1.002	1.00	0.35	4.00	0.102	1.165	0.09
44	36:43	1.00	0.972	1.00	0.30	4.00	0.085	1.116	0.08
45	36:48	1.00	0.974	1.00	0.26	4.00	0.077	1.172	0.07
46	37:38	1.00	0.996	1.00	0.29	4.00	0.063	0.855	0.07
47	40:41	1.00	1.077	1.00	0.29	4.00	0.050	0.682	0.07
48	40:47	1.00	1.079	1.00	0.30	4.00	0.050	0.663	0.07
49	41:28	1.00	1.097	1.00	0.33	4.00	0.065	0.780	0.08

Quantitation Report File: WAN1116B

Data: WAN1116B.TI
04/26/91 12:34:00
Sample: WAN1116B BNA STD MIX LABN1115B 4NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1289	10:45	1	1.000	A BB	119845.	5.000 UG/ML	3.88
2	136	1742	14:31	2	1.000	A BB	567690.	5.000 UG/ML	3.88
3	164	2404	20:02	3	1.000	A BB	307942.	5.000 UG/ML	3.88
4	188	2974	24:47	4	1.000	A BB	425966.	5.000 UG/ML	3.88
5	240	4012	33:26	5	1.000	A BB	197171.	5.000 UG/ML	3.88
6	264	4534	37:47	6	1.000	A BB	129448.	5.000 UG/ML	3.88
7	112	884	7:22	1	0.686	A BB	41941.	2.078 UG/ML	1.61
8	99	1188	9:54	1	0.922	A BB	58544.	2.212 UG/ML	1.72
9	94	1193	9:57	1	0.926	A BB	72757.	2.291 UG/ML	1.78
10	128	1218	10:09	1	0.945	A BB	50755.	2.361 UG/ML	1.83
11	108	1397	11:39	1	1.084	A BV	55999.	2.582 UG/ML	2.00
12	108	1454	12:07	1	1.128	A BV	59120.	2.654 UG/ML	2.06
13	82	1485	12:23	2	0.852	A BB	57002.	2.334 UG/ML	1.81
14	139	1608	13:24	2	0.923	A BB	20394.	2.329 UG/ML	1.81
15	107	1646	13:43	2	0.945	A BB	46908.	2.390 UG/ML	1.85
16	162	1700	14:10	2	0.976	A BB	39649.	2.498 UG/ML	1.94
17	128	1750	14:35	2	1.005	A BB	254372.	2.107 UG/ML	1.64
18	107	1980	16:30	2	1.137	A BB	35789.	2.565 UG/ML	1.99
19	142	2012	16:46	2	1.155	A BB	205959.	2.309 UG/ML	1.79
20	142	2047	17:04	2	1.175	A BB	89176.	2.312 UG/ML	1.79
21	196	2127	17:44	3	0.885	A BV	20576.	2.509 UG/ML	1.95
22	196	2138	17:49	3	0.889	A VB	19439.	2.594 UG/ML	2.01
23	172	2161	18:01	3	0.899	A BB	137879.	2.210 UG/ML	1.71
24	162	2193	18:17	3	0.912	A BB	132000.	2.223 UG/ML	1.72
25	152	2348	19:34	3	0.977	A BB	168602.	2.394 UG/ML	1.86
26	153	2416	20:08	3	1.005	A BB	128774.	2.281 UG/ML	1.77
27	184	2446	20:23	3	1.017	A BB	898.	1.085 UG/ML	0.84
28	168	2484	20:42	3	1.033	A BB	190295.	2.352 UG/ML	1.82
29	109	2486	20:43	3	1.034	M XX	2918.	1.373 UG/ML	1.07
30	166	2617	21:49	3	1.089	A BB	139785.	2.495 UG/ML	1.94
31	330	2709	22:35	3	1.127	A BB	3889.	2.338 UG/ML	1.81
32	198	2652	22:06	4	0.892	A BB	3427.	1.268 UG/ML	0.98
33	266	2910	24:15	4	0.978	A BB	3494.	1.233 UG/ML	0.96
34	178	2983	24:52	4	1.003	A BB	193421.	2.234 UG/ML	1.73
35	178	3003	25:02	4	1.010	A BB	149647.	2.510 UG/ML	1.95
36	167	3076	25:38	4	1.034	A BB	78108.	2.441 UG/ML	1.89
37	202	3448	28:44	4	1.159	A BB	129699.	2.516 UG/ML	1.95
38	212	3526	29:23	5	0.879	A BB	93791.	2.695 UG/ML	2.09
39	202	3533	29:27	5	0.881	A BB	151334.	2.696 UG/ML	2.09
40	244	3619	30:10	5	0.902	A BB	56848.	2.583 UG/ML	2.00
41	219	3667	30:34	5	0.914	A BB	25441.	2.588 UG/ML	2.01
42	228	4010	33:25	5	1.000	A BV	64357.	2.220 UG/ML	1.72
43	228	4022	33:31	5	1.002	A VB	91157.	2.286 UG/ML	1.77
44	252	4405	36:43	6	0.972	A BV	48746.	2.504 UG/ML	1.94
45	252	4415	36:48	6	0.974	A VB	54208.	2.686 UG/ML	2.08
46	252	4514	37:37	6	0.996	A BB	33911.	2.422 UG/ML	1.88
47	276	4881	40:41	6	1.077	A BV	29319.	2.404 UG/ML	1.87
48	278	4893	40:47	6	1.079	A BB	27870.	2.433 UG/ML	1.89
49	276	4974	41:27	6	1.097	A BB	34058.	2.294 UG/ML	1.78

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	2.08	4.00	0.572	1.102	0.52
8	9:55	1.00	0.922	1.00	2.21	4.00	0.847	1.532	0.55
9	9:58	1.00	0.926	1.00	2.29	4.00	0.989	1.726	0.57
10	10:10	1.00	0.945	1.00	2.36	4.00	0.731	1.238	0.59
11	11:40	1.00	1.084	1.00	2.58	4.00	0.778	1.205	0.65
12	12:08	1.00	1.128	1.00	2.65	4.00	0.846	1.275	0.66
13	12:24	1.00	0.853	1.00	2.33	4.00	0.179	0.306	0.58
14	13:25	1.00	0.923	1.00	2.33	4.00	0.079	0.135	0.58
15	13:44	1.00	0.944	1.00	2.39	4.00	0.159	0.266	0.60
16	14:11	1.00	0.975	1.00	2.50	4.00	0.138	0.221	0.62
17	14:36	1.00	1.004	1.00	2.11	4.00	0.595	1.130	0.53
18	16:31	1.00	1.136	1.00	2.56	4.00	0.136	0.212	0.64
19	16:47	1.00	1.155	1.00	2.31	4.00	0.525	0.909	0.58
20	17:05	1.00	1.175	1.00	2.31	4.00	0.230	0.398	0.58
21	17:45	1.00	0.885	1.00	2.51	4.00	0.145	0.231	0.63
22	17:50	1.00	0.889	1.00	2.59	4.00	0.147	0.227	0.65
23	18:02	1.00	0.899	1.00	2.21	4.00	0.613	1.109	0.55
24	18:18	1.00	0.912	1.00	2.22	4.00	0.608	1.094	0.56
25	19:35	1.00	0.977	1.00	2.39	4.00	0.884	1.477	0.60
26	20:10	1.00	1.005	1.00	2.28	4.00	0.604	1.060	0.57
27	20:24	1.00	1.017	1.00	1.08	4.00	0.006	0.022	0.27
28	20:43	1.00	1.033	1.00	2.35	4.00	0.897	1.525	0.59
29	20:44	1.00	1.034	1.00	1.37	4.00	0.017	0.049	0.34
30	21:50	1.00	1.089	1.00	2.50	4.00	0.716	1.148	0.62
31	22:36	1.00	1.127	1.00	2.34	4.00	0.025	0.043	0.58
32	22:07	1.00	0.891	1.00	1.27	4.00	0.015	0.048	0.32
33	24:16	1.00	0.978	1.00	1.23	4.00	0.016	0.051	0.31
34	24:53	1.00	1.003	1.00	2.23	4.00	0.642	1.150	0.56
35	25:03	1.00	1.010	1.00	2.51	4.00	0.610	0.972	0.63
36	25:39	1.00	1.034	1.00	2.44	4.00	0.342	0.560	0.61
37	28:45	1.00	1.159	1.00	2.52	4.00	0.553	0.879	0.63
38	29:24	1.00	0.879	1.00	2.69	4.00	0.819	1.216	0.67
39	29:27	1.00	0.880	1.00	2.70	4.00	1.231	1.827	0.67
40	30:10	1.00	0.902	1.00	2.58	4.00	0.502	0.777	0.65
41	30:34	1.00	0.914	1.00	2.59	4.00	0.241	0.373	0.65
42	33:25	1.00	0.999	1.00	2.22	4.00	0.549	0.990	0.56
43	33:32	1.00	1.002	1.00	2.29	4.00	0.666	1.165	0.57
44	36:43	1.00	0.972	1.00	2.50	4.00	0.698	1.116	0.63
45	36:48	1.00	0.974	1.00	2.69	4.00	0.787	1.172	0.67
46	37:38	1.00	0.996	1.00	2.42	4.00	0.518	0.855	0.61
47	40:41	1.00	1.077	1.00	2.40	4.00	0.410	0.682	0.60
48	40:47	1.00	1.079	1.00	2.43	4.00	0.403	0.663	0.61
49	41:28	1.00	1.097	1.00	2.29	4.00	0.447	0.780	0.57

Quantitation Report File: WAN1116

Data: WAN1116.TI
04/26/91 8:37:00
Sample: WAN1116 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1291	10:46	1	1.000	A BB	126961.	5.000 UG/ML	1.93
2	136	1744	14:32	2	1.000	A BB	493823.	5.000 UG/ML	1.93
3	164	2406	20:03	3	1.000	A BB	249649.	5.000 UG/ML	1.93
4	188	2976	24:48	4	1.000	A BB	336696.	5.000 UG/ML	1.93
5	240	4014	33:27	5	1.000	A BB	187816.	5.000 UG/ML	1.93
6	264	4534	37:47	6	1.000	A BB	132520.	5.000 UG/ML	1.93
7	112	887	7:24	1	0.687	A BB	111894.	5.060 UG/ML	1.96
8	99	1190	9:55	1	0.922	A BB	155582.	5.303 UG/ML	2.05
9	94	1195	9:58	1	0.926	A BB	175334.	5.026 UG/ML	1.94
10	128	1220	10:10	1	0.945	A BB	125752.	5.306 UG/ML	2.05
11	108	1399	11:40	1	1.084	A BV	122387.	5.117 UG/ML	1.98
12	108	1456	12:08	1	1.128	A BV	129549.	5.249 UG/ML	2.03
13	82	1487	12:24	2	0.853	A BB	120885.	5.451 UG/ML	2.11
14	139	1610	13:25	2	0.923	A BB	53500.	6.491 UG/ML	2.51
15	107	1647	13:44	2	0.944	A BV	105002.	5.825 UG/ML	2.25
16	162	1701	14:11	2	0.975	A BB	87405.	6.015 UG/ML	2.33
17	128	1751	14:36	2	1.004	A BB	446316.	4.245 UG/ML	1.64
18	107	1982	16:31	2	1.136	M XX	83586.	6.401 UG/ML	2.47
19	142	2014	16:47	2	1.155	A BV	359247.	4.578 UG/ML	1.77
20	142	2049	17:05	2	1.175	A BB	157219.	4.617 UG/ML	1.79
21	196	2129	17:45	3	0.885	A BV	46214.	6.451 UG/ML	2.49
22	196	2139	17:50	3	0.889	A VB	45309.	6.844 UG/ML	2.65
23	172	2163	18:02	3	0.899	A BB	221470.	4.332 UG/ML	1.67
24	162	2195	18:18	3	0.912	A BB	218590.	4.478 UG/ML	1.73
25	152	2350	19:35	3	0.977	A BB	295062.	5.050 UG/ML	1.95
26	153	2419	20:10	3	1.005	A BB	211707.	4.560 UG/ML	1.76
27	184	2448	20:24	3	1.017	A BB	4332.	5.646 UG/ML	2.18
28	168	2486	20:43	3	1.033	A BB	304643.	4.588 UG/ML	1.77
29	109	2488	20:44	3	1.034	M XX	9735.	5.225 UG/ML	2.02
30	166	2619	21:50	3	1.089	A BB	229375.	4.951 UG/ML	1.91
31	330	2711	22:36	3	1.127	A BB	8593.	5.939 UG/ML	2.30
32	198	2653	22:07	4	0.891	A BB	12836.	5.376 UG/ML	2.08
33	266	2911	24:16	4	0.978	A BB	13619.	5.462 UG/ML	2.11
34	178	2985	24:53	4	1.003	A BB	309805.	4.463 UG/ML	1.73
35	178	3005	25:03	4	1.010	A BB	261878.	5.333 UG/ML	2.06
36	167	3078	25:39	4	1.034	A BB	150793.	5.847 UG/ML	2.26
37	202	3449	28:45	4	1.159	A BB	236680.	5.541 UG/ML	2.14
38	212	3527	29:24	5	0.879	A BB	182723.	5.265 UG/ML	2.04
39	202	3534	29:27	5	0.880	A BB	274465.	4.981 UG/ML	1.93
40	244	3620	30:10	5	0.902	A BB	116723.	5.295 UG/ML	2.05
41	219	3667	30:34	5	0.914	A BB	56083.	5.593 UG/ML	2.16
42	228	4010	33:25	5	0.999	A BV	148677.	5.107 UG/ML	1.97
43	228	4023	33:32	5	1.002	A VB	175022.	4.528 UG/ML	1.75
44	252	4406	36:43	6	0.972	A BV	118267.	5.539 UG/ML	2.14
45	252	4416	36:48	6	0.974	A VB	124303.	5.660 UG/ML	2.19
46	252	4515	37:38	6	0.996	A BB	90654.	5.796 UG/ML	2.24
47	276	4882	40:41	6	1.077	A BV	72306.	5.394 UG/ML	2.09
48	278	4894	40:47	6	1.079	A VB	70278.	5.576 UG/ML	2.16
49	276	4976	41:28	6	1.097	M XX	82721.	5.155 UG/ML	1.99

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	5.06	4.00	1.394	1.102	1.26
8	9:55	1.00	0.922	1.00	5.30	4.00	2.031	1.532	1.33
9	9:58	1.00	0.926	1.00	5.03	4.00	2.169	1.726	1.26
10	10:10	1.00	0.945	1.00	5.31	4.00	1.642	1.238	1.33
11	11:40	1.00	1.084	1.00	5.12	4.00	1.542	1.205	1.28
12	12:08	1.00	1.128	1.00	5.25	4.00	1.674	1.275	1.31
13	12:24	1.00	0.853	1.00	5.45	4.00	0.417	0.306	1.36
14	13:25	1.00	0.923	1.00	6.49	4.00	0.220	0.135	1.62
15	13:44	1.00	0.944	1.00	5.82	4.00	0.387	0.266	1.46
16	14:11	1.00	0.975	1.00	6.02	4.00	0.333	0.221	1.50
17	14:36	1.00	1.004	1.00	4.24	4.00	1.199	1.130	1.06
18	16:31	1.00	1.136	1.00	6.40	4.00	0.339	0.212	1.60
19	16:47	1.00	1.155	1.00	4.58	4.00	1.041	0.909	1.14
20	17:05	1.00	1.175	1.00	4.62	4.00	0.459	0.398	1.15
21	17:45	1.00	0.885	1.00	6.45	4.00	0.373	0.231	1.61
22	17:50	1.00	0.889	1.00	6.84	4.00	0.388	0.227	1.71
23	18:02	1.00	0.899	1.00	4.33	4.00	1.201	1.109	1.08
24	18:18	1.00	0.912	1.00	4.48	4.00	1.225	1.094	1.12
25	19:35	1.00	0.977	1.00	5.05	4.00	1.865	1.477	1.26
26	20:10	1.00	1.005	1.00	4.56	4.00	1.209	1.060	1.14
27	20:24	1.00	1.017	1.00	5.65	4.00	0.031	0.022	1.41
28	20:43	1.00	1.033	1.00	4.59	4.00	1.750	1.525	1.15
29	20:44	1.00	1.034	1.00	5.23	4.00	0.064	0.049	1.31
30	21:50	1.00	1.089	1.00	4.95	4.00	1.422	1.148	1.24
31	22:36	1.00	1.127	1.00	5.94	4.00	0.064	0.043	1.48
32	22:07	1.00	0.891	1.00	5.38	4.00	0.064	0.048	1.34
33	24:16	1.00	0.978	1.00	5.46	4.00	0.069	0.051	1.37
34	24:53	1.00	1.003	1.00	4.46	4.00	1.283	1.150	1.12
35	25:03	1.00	1.010	1.00	5.33	4.00	1.296	0.972	1.33
36	25:39	1.00	1.034	1.00	5.85	4.00	0.818	0.560	1.46
37	28:45	1.00	1.159	1.00	5.54	4.00	1.217	0.879	1.39
38	29:24	1.00	0.879	1.00	5.27	4.00	1.601	1.216	1.32
39	29:27	1.00	0.880	1.00	4.98	4.00	2.275	1.827	1.25
40	30:10	1.00	0.902	1.00	5.30	4.00	1.028	0.777	1.32
41	30:34	1.00	0.914	1.00	5.59	4.00	0.522	0.373	1.40
42	33:25	1.00	0.999	1.00	5.11	4.00	1.263	0.990	1.28
43	33:32	1.00	1.002	1.00	4.53	4.00	1.318	1.165	1.13
44	36:43	1.00	0.972	1.00	5.54	4.00	1.545	1.116	1.38
45	36:48	1.00	0.974	1.00	5.66	4.00	1.659	1.172	1.41
46	37:38	1.00	0.996	1.00	5.80	4.00	1.239	0.855	1.45
47	40:41	1.00	1.077	1.00	5.39	4.00	0.920	0.682	1.35
48	40:47	1.00	1.079	1.00	5.58	4.00	0.924	0.663	1.39
49	41:28	1.00	1.097	1.00	5.15	4.00	1.005	0.780	1.29

Quantitation Report File: WAN1116D

Data: WAN1116D.TI
04/26/91 13:28:00
Sample: WAN1116D BNA STD MIX LABN1115D 40NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1116/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1116

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1293	10:47	1	1.000	A BB	193746.	5.000 UG/ML	0.58
2	136	1747	14:34	2	1.000	A BB	811049.	5.000 UG/ML	0.58
3	164	2408	20:04	3	1.000	A BB	376833.	5.000 UG/ML	0.58
4	188	2978	24:49	4	1.000	A BB	457008.	5.000 UG/ML	0.58
5	240	4018	33:29	5	1.000	A BB	247814.	5.000 UG/ML	0.58
6	264	4538	37:49	6	1.000	A BB	174822.	5.000 UG/ML	0.58
7	112	890	7:25	1	0.688	A BB	906584.	19.523 UG/ML	2.25
8	99	1196	9:58	1	0.925	A BB	1352110.	19.483 UG/ML	2.25
9	94	1201	10:01	1	0.929	A BB	1528040.	19.534 UG/ML	2.25
10	128	1223	10:12	1	0.946	A BB	1029940.	19.371 UG/ML	2.23
11	108	1403	11:42	1	1.085	A BV	1139130.	19.480 UG/ML	2.25
12	108	1461	12:11	1	1.130	A BB	1241500.	19.464 UG/ML	2.25
13	82	1492	12:26	2	0.854	A BB	1227510.	19.521 UG/ML	2.25
14	139	1614	13:27	2	0.924	A BB	579005.	19.442 UG/ML	2.24
15	107	1652	13:46	2	0.946	A BB	1095060.	19.475 UG/ML	2.25
16	162	1706	14:13	2	0.977	A BB	804712.	19.265 UG/ML	2.22
17	128	1755	14:38	2	1.005	A BV	3492790.	19.788 UG/ML	2.28
18	107	1985	16:33	2	1.136	A BB	951470.	19.464 UG/ML	2.25
19	142	2017	16:49	2	1.155	A BB	3019850.	19.568 UG/ML	2.26
20	142	2052	17:06	2	1.175	A BB	1381760.	19.590 UG/ML	2.26
21	196	2132	17:46	3	0.885	A BV	437765.	19.294 UG/ML	2.23
22	196	2142	17:51	3	0.890	A VB	421937.	19.206 UG/ML	2.22
23	172	2166	18:03	3	0.900	A BB	1840370.	19.724 UG/ML	2.28
24	162	2198	18:19	3	0.913	A BB	1815370.	19.664 UG/ML	2.27
25	152	2352	19:36	3	0.977	A BB	2334310.	19.343 UG/ML	2.23
26	153	2422	20:11	3	1.006	A BB	1720070.	19.584 UG/ML	2.26
27	184	2451	20:26	3	1.018	A BB	125701.	19.958 UG/ML	2.30
28	168	2490	20:45	3	1.034	A BB	2376510.	19.491 UG/ML	2.25
29	109	2492	20:46	3	1.035	A BB	129859.	19.858 UG/ML	2.29
30	166	2622	21:51	3	1.089	A BB	1823790.	19.315 UG/ML	2.23
31	330	2714	22:37	3	1.127	A BB	98229.	19.584 UG/ML	2.26
32	198	2657	22:09	4	0.892	A BB	198750.	19.893 UG/ML	2.29
33	266	2914	24:17	4	0.979	A BB	178541.	19.841 UG/ML	2.29
34	178	2989	24:55	4	1.004	A BB	2297040.	19.617 UG/ML	2.26
35	178	3008	25:04	4	1.010	A BB	2174200.	19.350 UG/ML	2.23
36	167	3081	25:41	4	1.035	A BB	727870.	18.006 UG/ML	2.08
37	202	3454	28:47	4	1.160	A BB	1930180.	19.286 UG/ML	2.22
38	212	3532	29:26	5	0.879	A BB	1438730.	19.268 UG/ML	2.22
39	202	3539	29:30	5	0.881	A BB	1957440.	19.173 UG/ML	2.21
40	244	3624	30:12	5	0.902	A BB	944212.	19.348 UG/ML	2.23
41	219	3671	30:36	5	0.914	A BB	507247.	19.431 UG/ML	2.24
42	228	4015	33:28	5	0.999	A BV	1265410.	19.569 UG/ML	2.26
43	228	4029	33:35	5	1.003	A BB	1210080.	19.539 UG/ML	2.25
44	252	4412	36:46	6	0.972	A BV	1020250.	19.420 UG/ML	2.24
45	252	4423	36:52	6	0.975	A VB	937312.	19.153 UG/ML	2.21
46	252	4521	37:41	6	0.996	A BV	855141.	19.494 UG/ML	2.25
47	276	4890	40:45	6	1.078	A BV	684804.	19.562 UG/ML	2.26
48	278	4903	40:52	6	1.080	A BB	606805.	19.433 UG/ML	2.24
49	276	4986	41:33	6	1.099	A BB	680777.	19.509 UG/ML	2.25

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	19.52	4.00	5.377	1.102	4.88
8	9:55	1.01	0.922	1.00	19.48	4.00	7.461	1.532	4.87
9	9:58	1.01	0.926	1.00	19.53	4.00	8.430	1.726	4.88
10	10:10	1.00	0.945	1.00	19.37	4.00	5.996	1.238	4.84
11	11:40	1.00	1.084	1.00	19.48	4.00	5.868	1.205	4.87
12	12:08	1.00	1.128	1.00	19.46	4.00	6.207	1.275	4.87
13	12:24	1.00	0.853	1.00	19.52	4.00	1.493	0.306	4.88
14	13:25	1.00	0.923	1.00	19.44	4.00	0.658	0.135	4.86
15	13:44	1.00	0.944	1.00	19.47	4.00	1.294	0.266	4.87
16	14:11	1.00	0.975	1.00	19.27	4.00	1.066	0.221	4.82
17	14:36	1.00	1.004	1.00	19.79	4.00	5.589	1.130	4.95
18	16:31	1.00	1.136	1.00	19.46	4.00	1.030	0.212	4.87
19	16:47	1.00	1.155	1.00	19.57	4.00	4.448	0.909	4.89
20	17:05	1.00	1.175	1.00	19.59	4.00	1.949	0.398	4.90
21	17:45	1.00	0.885	1.00	19.29	4.00	1.116	0.231	4.82
22	17:50	1.00	0.889	1.00	19.21	4.00	1.089	0.227	4.80
23	18:02	1.00	0.899	1.00	19.72	4.00	5.468	1.109	4.93
24	18:18	1.00	0.912	1.00	19.66	4.00	5.380	1.094	4.92
25	19:35	1.00	0.977	1.00	19.34	4.00	7.144	1.477	4.84
26	20:10	1.00	1.005	1.00	19.58	4.00	5.190	1.060	4.90
27	20:24	1.00	1.017	1.00	19.96	4.00	0.108	0.022	4.99
28	20:43	1.00	1.033	1.00	19.49	4.00	7.433	1.525	4.87
29	20:44	1.00	1.034	1.00	19.86	4.00	0.242	0.049	4.96
30	21:50	1.00	1.089	1.00	19.31	4.00	5.546	1.148	4.83
31	22:36	1.00	1.127	1.00	19.58	4.00	0.211	0.043	4.90
32	22:07	1.00	0.891	1.00	19.89	4.00	0.237	0.048	4.97
33	24:16	1.00	0.978	1.00	19.84	4.00	0.251	0.051	4.96
34	24:53	1.00	1.003	1.00	19.62	4.00	5.641	1.150	4.90
35	25:03	1.00	1.010	1.00	19.35	4.00	4.703	0.972	4.84
36	25:39	1.00	1.034	1.00	18.01	4.00	2.520	0.560	4.50
37	28:45	1.00	1.159	1.00	19.29	4.00	4.237	0.879	4.82
38	29:24	1.00	0.879	1.00	19.27	4.00	5.858	1.216	4.82
39	29:27	1.00	0.880	1.00	19.17	4.00	8.756	1.827	4.79
40	30:10	1.00	0.902	1.00	19.35	4.00	3.758	0.777	4.84
41	30:34	1.00	0.914	1.00	19.43	4.00	1.813	0.373	4.86
42	33:25	1.00	0.999	1.00	19.57	4.00	4.841	0.990	4.89
43	33:32	1.00	1.002	1.00	19.54	4.00	5.690	1.165	4.88
44	36:43	1.00	0.972	1.00	19.42	4.00	5.416	1.116	4.85
45	36:48	1.00	0.974	1.00	19.15	4.00	5.614	1.172	4.79
46	37:38	1.00	0.996	1.00	19.49	4.00	4.167	0.855	4.87
47	40:41	1.00	1.077	1.00	19.56	4.00	3.336	0.682	4.89
48	40:47	1.00	1.079	1.00	19.43	4.00	3.221	0.663	4.86
49	41:28	1.00	1.097	1.00	19.51	4.00	3.806	0.780	4.88

.92 4-29-91 Rya

4/29/91 8:00:10 SCAN 1 OF 5400
Acquisition started

Acquire Run 0:WAN1119 Acquiring
04/29/91 8:00:00 + 0:02 Free sectors: 18417 Scan: 3 of 5400
Sample: WAN1119 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1119/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No: WAN1119

*** GC descriptor: PP ***

GC temperature: 35 DegC Injector: 250 DegC
Elapsed time : 0: 7 min Interface: 250 DegC

Seq. #	Temp (DegC)	Rate (C/min)	Time (minutes) period	total
1	35- 35	-	2.0	2.0
2	35- 50	5.0	3.0	5.0
3	50-320	8.0	33.7	38.7
4	320-320	-	6.3	45.0

Valve times (minutes)

	Open	Close
Sweep/Split	1.0	0.0
Divert	45.0	3.0

*** Scan Parameters ***

MODE: EI (+) Centroid + Temp - Sequence: LL (10 time windows.)

Verified 4-29-91 Rya

Window # 1
Number of cycles: 700
Filament is OFF
Multiplier is ON and set to -1294. volts

MID scan Desc: P0 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 2
Number of cycles: 625
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P0 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	93.528	100.530	0.117	1	80	10	1	0
2	109.533	116.535	0.117	1	80	10	1	0
3	126.538	133.540	0.117	1	80	10	1	0
4	148.545	155.546	0.117	1	80	10	1	0

Window # 3
Number of cycles: 350
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P1 Mass intervals: 4 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	78.524	85.525	0.117	1	80	10	1	0
2	102.531	109.533	0.117	1	80	10	1	0
3	125.538	132.540	0.117	1	80	10	1	0
4	136.541	143.543	0.117	1	80	10	1	0

Window # 4

Number of cycles: 175
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P2 Mass intervals: 3 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	59.518	66.520	0.117	1	80	10	1	0
2	123.537	138.541	0.250	1	80	10	1	0
3	160.548	167.550	0.117	1	80	10	1	0

Window # 5

Number of cycles: 400
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P3 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	105.532	108.532	0.050	1	80	10	1	0
2	131.540	134.540	0.050	1	80	10	1	0
3	138.542	144.543	0.100	1	80	10	1	0
4	161.548	165.549	0.067	1	80	10	1	0
5	168.551	173.552	0.084	1	80	10	1	0
6	195.559	202.560	0.117	1	80	10	1	0

Window # 6

Number of cycles: 320
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P4 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	107.532	110.533	0.050	1	80	10	1	0
2	137.541	140.542	0.050	1	80	10	1	0
3	148.545	155.546	0.117	1	80	10	1	0
4	157.547	165.549	0.134	1	80	10	1	0
5	166.550	170.551	0.067	1	80	10	1	0
6	182.555	185.555	0.050	1	80	10	1	0

Window # 7

Number of cycles: 455
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P5 Mass intervals: 6 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	162.549	167.550	0.084	1	80	10	1	0
2	174.552	179.554	0.084	1	80	10	1	0
3	184.555	189.557	0.083	1	80	10	1	0
4	196.559	199.560	0.050	1	80	10	1	0
5	263.579	270.581	0.117	1	80	10	1	0

Window # 8

Number of cycles: 775
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P6 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	163.549	168.550	0.084	1	80	10	1	0
2	197.559	205.561	0.134	1	80	10	1	0
3	207.562	213.564	0.100	1	80	10	1	0
4	217.565	220.566	0.050	1	80	10	1	0
5	239.572	245.573	0.100	1	80	10	1	0

Window # 9

Number of cycles: 1600
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Window # 10

Number of cycles: 10
Filament is ON
Multiplier is ON and set to -1294. volts

MID scan Desc: P7 Mass intervals: 5 Positive ion mode.
Scan time: 0.500 s Samp. int.: 0.200 ms Master rate: 128

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	224.567	229.569	0.084	1	80	10	1	0
2	235.571	241.572	0.100	1	80	10	1	0
3	247.574	253.576	0.100	1	80	10	1	0
4	260.578	265.579	0.084	1	80	10	1	0
5	273.582	279.583	0.100	1	80	10	1	0

Interface number	0	
Sub-interface number	0	
# of acqu buffers	24	
Instrument type	Q	
Full scale mass	812	u
Zero scale mass	1	u
Intensity/ion	2	
Peak width	1000.	mmu
Offset at low mass	0	mmu
Offset at high mass	0	mmu
Voltage settling time(ms)	4	

Current instrument parameters.

	Positive ion mode	Negative ion mode
Resolution (high)	128.00	128.00
Resolution (low)	128.00	128.00
Ion energy	1.33	-4.00
Ion programming	8.00	-4.00

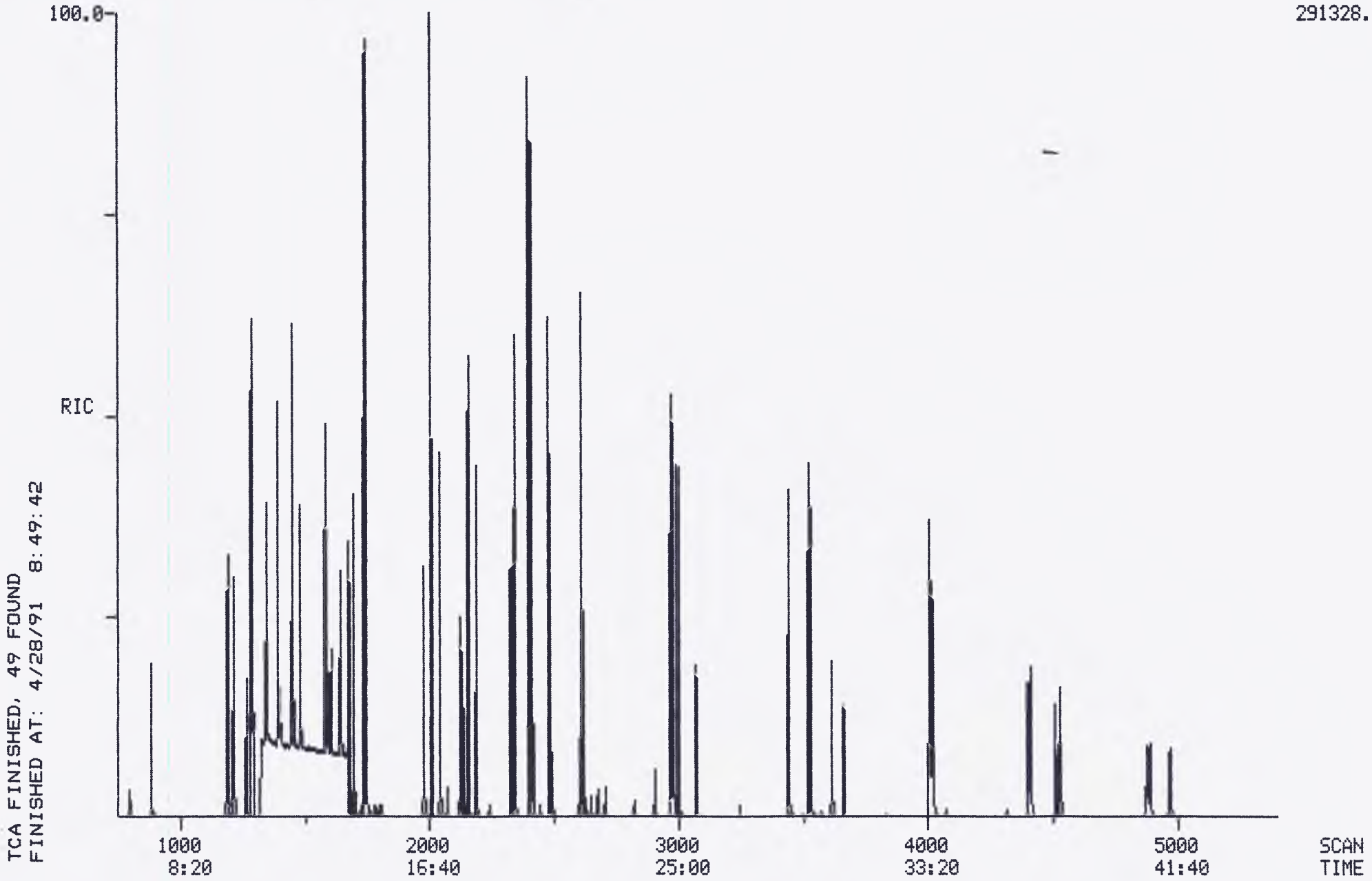
Extractor voltage 0.00 not used

Electron multiplier voltage: -1294.
Electrometer Range: 10 ^-7
Electrometer zero: 0.9

4/29/91 8:44:30
Acquisition completed
Scans 1 to 5400 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second	
Centroid	5400	75.3	2700.0	2.8	21849.	4.	8.

MIDRIC DATA: WAN1119 #1 SCANS 750 TO 5400
04/29/91 8:00:00 CALI: WAN1119 #5
SAMPLE: WAN1119 BNA STD MIX LABN1115C 8NG/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



Quantitation Report File: WAN1119

Data: WAN1119.TI
04/29/91 8:00:00
Sample: WAN1119 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1119/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1119

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1289	10:45	1	1.000	A BB	194263.	5.000 UG/ML	2.48
2	136	1741	14:31	2	1.000	A BB	759734.	5.000 UG/ML	2.48
3	164	2403	20:02	3	1.000	A BB	382663.	5.000 UG/ML	2.48
4	188	2973	24:47	4	1.000	A BB	493446.	5.000 UG/ML	2.48
5	240	4011	33:26	5	1.000	A BB	251459.	5.000 UG/ML	2.48
6	264	4532	37:46	6	1.000	A BB	176288.	5.000 UG/ML	2.48
7	112	886	7:23	1	0.687	A BB	185483.	4.000 UG/ML	1.98
8	99	1189	9:55	1	0.922	A BB	256374.	4.000 UG/ML	1.98
9	94	1193	9:57	1	0.926	A BB	294666.	4.000 UG/ML	1.98
10	128	1218	10:09	1	0.945	A BB	202269.	4.000 UG/ML	1.98
11	108	1396	11:38	1	1.083	A BV	198490.	4.000 UG/ML	1.98
12	108	1454	12:07	1	1.128	A BB	211623.	4.000 UG/ML	1.98
13	82	1485	12:23	2	0.853	A BB	203001.	4.000 UG/ML	1.98
14	139	1607	13:24	2	0.923	A BV	89358.	4.000 UG/ML	1.98
15	107	1645	13:43	2	0.945	A BB	168989.	4.000 UG/ML	1.98
16	162	1699	14:10	2	0.976	A BV	134680.	4.000 UG/ML	1.98
17	128	1749	14:35	2	1.005	A BV	687205.	4.000 UG/ML	1.98
18	107	1979	16:30	2	1.137	A BB	135363.	4.000 UG/ML	1.98
19	142	2011	16:46	2	1.155	A BB	546211.	4.000 UG/ML	1.98
20	142	2046	17:03	2	1.175	A BB	243554.	4.000 UG/ML	1.98
21	196	2126	17:43	3	0.885	A BV	68269.	4.000 UG/ML	1.98
22	196	2136	17:48	3	0.889	A VB	67265.	4.000 UG/ML	1.98
23	172	2160	18:00	3	0.899	A BB	342995.	4.000 UG/ML	1.98
24	162	2192	18:16	3	0.912	A BB	337836.	4.000 UG/ML	1.98
25	152	2346	19:33	3	0.976	A BB	452738.	4.000 UG/ML	1.98
26	153	2415	20:08	3	1.005	A BB	329846.	4.000 UG/ML	1.98
27	184	2445	20:23	3	1.017	A BV	9434.	4.000 UG/ML	1.98
28	168	2483	20:42	3	1.033	A BB	465452.	4.000 UG/ML	1.98
29	109	2485	20:43	3	1.034	A BB	14249.	4.000 UG/ML	1.98
30	166	2615	21:48	3	1.088	A BB	354310.	4.000 UG/ML	1.98
31	330	2707	22:34	3	1.127	A BB	14590.	4.000 UG/ML	1.98
32	198	2650	22:05	4	0.891	A BB	23810.	4.000 UG/ML	1.98
33	266	2908	24:14	4	0.978	A BB	20840.	4.000 UG/ML	1.98
34	178	2982	24:51	4	1.003	A BB	446298.	4.000 UG/ML	1.98
35	178	3001	25:01	4	1.009	A BB	394170.	4.000 UG/ML	1.98
36	167	3075	25:38	4	1.034	A BB	182708.	4.000 UG/ML	1.98
37	202	3447	28:44	4	1.159	A BB	348177.	4.000 UG/ML	1.98
38	212	3524	29:22	5	0.879	A BB	263902.	4.000 UG/ML	1.98
39	202	3532	29:26	5	0.881	A BB	385649.	4.000 UG/ML	1.98
40	244	3618	30:09	5	0.902	A BV	168040.	4.000 UG/ML	1.98
41	219	3665	30:33	5	0.914	A BB	80479.	4.000 UG/ML	1.98
42	228	4008	33:24	5	0.999	A BV	201365.	4.000 UG/ML	1.98
43	228	4022	33:31	5	1.003	A VB	240027.	4.000 UG/ML	1.98
44	252	4404	36:42	6	0.972	A BV	160304.	4.000 UG/ML	1.98
45	252	4414	36:47	6	0.974	A VB	174393.	4.000 UG/ML	1.98
46	252	4512	37:36	6	0.996	A BB	125362.	4.000 UG/ML	1.98
47	276	4879	40:40	6	1.077	A BV	101599.	4.000 UG/ML	1.98
48	278	4891	40:46	6	1.079	A VB	98527.	4.000 UG/ML	1.98
49	276	4972	41:26	6	1.097	A BB	113065.	4.000 UG/ML	1.98

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:45	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:31	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:02	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:26	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:23	1.00	0.687	1.00	4.00	4.00	1.194	1.194	1.00
8	9:55	1.00	0.922	1.00	4.00	4.00	1.650	1.650	1.00
9	9:57	1.00	0.926	1.00	4.00	4.00	1.896	1.896	1.00
10	10:09	1.00	0.945	1.00	4.00	4.00	1.302	1.302	1.00
11	11:38	1.00	1.083	1.00	4.00	4.00	1.277	1.277	1.00
12	12:07	1.00	1.128	1.00	4.00	4.00	1.362	1.362	1.00
13	12:23	1.00	0.853	1.00	4.00	4.00	0.334	0.334	1.00
14	13:24	1.00	0.923	1.00	4.00	4.00	0.147	0.147	1.00
15	13:43	1.00	0.945	1.00	4.00	4.00	0.278	0.278	1.00
16	14:10	1.00	0.976	1.00	4.00	4.00	0.222	0.222	1.00
17	14:35	1.00	1.005	1.00	4.00	4.00	1.131	1.131	1.00
18	16:30	1.00	1.137	1.00	4.00	4.00	0.223	0.223	1.00
19	16:46	1.00	1.155	1.00	4.00	4.00	0.899	0.899	1.00
20	17:03	1.00	1.175	1.00	4.00	4.00	0.401	0.401	1.00
21	17:43	1.00	0.885	1.00	4.00	4.00	0.223	0.223	1.00
22	17:48	1.00	0.889	1.00	4.00	4.00	0.220	0.220	1.00
23	18:00	1.00	0.899	1.00	4.00	4.00	1.120	1.120	1.00
24	18:16	1.00	0.912	1.00	4.00	4.00	1.104	1.104	1.00
25	19:33	1.00	0.976	1.00	4.00	4.00	1.479	1.479	1.00
26	20:08	1.00	1.005	1.00	4.00	4.00	1.077	1.077	1.00
27	20:23	1.00	1.017	1.00	4.00	4.00	0.031	0.031	1.00
28	20:42	1.00	1.033	1.00	4.00	4.00	1.520	1.520	1.00
29	20:43	1.00	1.034	1.00	4.00	4.00	0.047	0.047	1.00
30	21:48	1.00	1.088	1.00	4.00	4.00	1.157	1.157	1.00
31	22:34	1.00	1.127	1.00	4.00	4.00	0.048	0.048	1.00
32	22:05	1.00	0.891	1.00	4.00	4.00	0.060	0.060	1.00
33	24:14	1.00	0.978	1.00	4.00	4.00	0.053	0.053	1.00
34	24:51	1.00	1.003	1.00	4.00	4.00	1.131	1.131	1.00
35	25:01	1.00	1.009	1.00	4.00	4.00	0.999	0.999	1.00
36	25:38	1.00	1.034	1.00	4.00	4.00	0.463	0.463	1.00
37	28:44	1.00	1.159	1.00	4.00	4.00	0.882	0.882	1.00
38	29:22	1.00	0.879	1.00	4.00	4.00	1.312	1.312	1.00
39	29:26	1.00	0.881	1.00	4.00	4.00	1.917	1.917	1.00
40	30:09	1.00	0.902	1.00	4.00	4.00	0.835	0.835	1.00
41	30:33	1.00	0.914	1.00	4.00	4.00	0.400	0.400	1.00
42	33:24	1.00	0.999	1.00	4.00	4.00	1.001	1.001	1.00
43	33:31	1.00	1.003	1.00	4.00	4.00	1.193	1.193	1.00
44	36:42	1.00	0.972	1.00	4.00	4.00	1.137	1.137	1.00
45	36:47	1.00	0.974	1.00	4.00	4.00	1.237	1.237	1.00
46	37:36	1.00	0.996	1.00	4.00	4.00	0.889	0.889	1.00
47	40:40	1.00	1.077	1.00	4.00	4.00	0.720	0.720	1.00
48	40:46	1.00	1.079	1.00	4.00	4.00	0.699	0.699	1.00
49	41:26	1.00	1.097	1.00	4.00	4.00	0.802	0.802	1.00

FILE USED: D:WAN1119.TI
DATE GENERATED: 4/28/91 9:23:24

1	LL	1	0	0	-1289	0	0	0	0	0	0
2	LL	2	0	0	-1741	0	0	0	0	0	0
3	LL	3	0	0	-2403	0	0	0	0	0	0
4	LL	4	0	0	-2973	0	0	0	0	0	0
5	LL	5	0	0	-4011	0	0	0	0	0	0
6	LL	6	0	0	-4532	0	0	0	0	0	0
7	LL	7	0	0	-560	0	0	0	0	0	0
8	LL	8	0	0	-886	0	0	0	0	0	0
9	LL	9	0	0	-1086	0	0	0	0	0	0
10	LL	10	0	0	-1189	0	0	0	0	0	0
11	LL	11	0	0	-1193	0	0	0	0	0	0
12	LL	12	0	0	-1166	0	0	0	0	0	0
13	LL	13	0	0	-1177	0	0	0	0	0	0
14	LL	14	0	0	-1218	0	0	0	0	0	0
15	LL	15	0	0	-1215	0	0	0	0	0	0
16	LL	16	0	0	-1242	0	0	0	0	0	0
17	LL	17	0	0	-1298	0	0	0	0	0	0
18	LL	18	0	0	-1289	0	0	0	0	0	0
19	LL	19	0	0	-1300	0	0	0	0	0	0
20	LL	20	0	0	-1396	0	0	0	0	0	0
21	LL	21	0	0	-1348	0	0	0	0	0	0
22	LL	22	0	0	-1394	0	0	0	0	0	0
23	LL	23	0	0	-1401	0	0	0	0	0	0
24	LL	24	0	0	-1454	0	0	0	0	0	0
25	LL	25	0	0	-1485	0	0	0	0	0	0
26	LL	26	0	0	-1436	0	0	0	0	0	0
27	LL	27	0	0	-1528	0	0	0	0	0	0
28	LL	28	0	0	-1607	0	0	0	0	0	0
29	LL	29	0	0	-1645	0	0	0	0	0	0
30	LL	30	0	0	-1619	0	0	0	0	0	0
31	LL	31	0	0	-1699	0	0	0	0	0	0
32	LL	32	0	0	-1652	0	0	0	0	0	0
33	LL	33	0	0	-1662	0	0	0	0	0	0
34	LL	34	0	0	-1749	0	0	0	0	0	0
35	LL	35	0	0	-1727	0	0	0	0	0	0
36	LL	36	0	0	-1728	0	0	0	0	0	0
37	LL	37	0	0	-1741	0	0	0	0	0	0
38	LL	38	0	0	-1979	0	0	0	0	0	0
39	LL	39	0	0	-2011	0	0	0	0	0	0
40	LL	40	0	0	-2046	0	0	0	0	0	0
41	LL	41	0	0	-2006	0	0	0	0	0	0
42	LL	42	0	0	-2126	0	0	0	0	0	0
43	LL	43	0	0	-2136	0	0	0	0	0	0
44	LL	44	0	0	-2160	0	0	0	0	0	0
45	LL	45	0	0	-2192	0	0	0	0	0	0
46	LL	46	0	0	-2179	0	0	0	0	0	0
47	LL	47	0	0	-2263	0	0	0	0	0	0
48	LL	48	0	0	-2346	0	0	0	0	0	0
49	LL	49	0	0	-2280	0	0	0	0	0	0
50	LL	50	0	0	-2340	0	0	0	0	0	0
51	LL	51	0	0	-2415	0	0	0	0	0	0
52	LL	52	0	0	-2445	0	0	0	0	0	0
53	LL	53	0	0	-2502	0	0	0	0	0	0
54	LL	54	0	0	-2483	0	0	0	0	0	0
55	LL	55	0	0	-2485	0	0	0	0	0	0
56	LL	56	0	0	-2431	0	0	0	0	0	0
57	LL	57	0	0	-2539	0	0	0	0	0	0
58	LL	58	0	0	-2615	0	0	0	0	0	0
59	LL	59	0	0	-2552	0	0	0	0	0	0
60	LL	60	0	0	-2537	0	0	0	0	0	0
61	LL	61	0	0	-2558	0	0	0	0	0	0
62	LL	62	0	0	-2580	0	0	0	0	0	0

64	LL	64	0	0	-2650	0	0	0	0	0	0
65	LL	65	0	0	-2607	0	0	0	0	0	0
66	LL	66	0	0	-2742	0	0	0	0	0	0
67	LL	67	0	0	-2752	0	0	0	0	0	0
68	LL	68	0	0	-2908	0	0	0	0	0	0
69	LL	69	0	0	-2982	0	0	0	0	0	0
70	LL	70	0	0	-3001	0	0	0	0	0	0
71	LL	71	0	0	-3075	0	0	0	0	0	0
72	LL	72	0	0	-3169	0	0	0	0	0	0
73	LL	73	0	0	-3447	0	0	0	0	0	0
74	LL	74	0	0	-3412	0	0	0	0	0	0
75	LL	75	0	0	-3524	0	0	0	0	0	0
76	LL	76	0	0	-3532	0	0	0	0	0	0
77	LL	77	0	0	-3618	0	0	0	0	0	0
78	LL	78	0	0	-3665	0	0	0	0	0	0
79	LL	79	0	0	-3740	0	0	0	0	0	0
80	LL	80	0	0	-4008	0	0	0	0	0	0
81	LL	81	0	0	-3921	0	0	0	0	0	0
82	LL	82	0	0	-4022	0	0	0	0	0	0
83	LL	83	0	0	-3976	0	0	0	0	0	0
84	LL	84	0	0	-4216	0	0	0	0	0	0
85	LL	85	0	0	-4404	0	0	0	0	0	0
86	LL	86	0	0	-4414	0	0	0	0	0	0
87	LL	87	0	0	-4512	0	0	0	0	0	0
88	LL	88	0	0	-4879	0	0	0	0	0	0
89	LL	89	0	0	-4764	0	0	0	0	0	0
90	LL	90	0	0	-4891	0	0	0	0	0	0
91	LL	91	0	0	-4972	0	0	0	0	0	0

Quantitation Report File: WAN1119

Data: WAN1119.TI
04/29/91 8:00:00
Sample: WAN1119 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1119/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1119

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name	
1	CI30	D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS50	2-FLUOROPHENOL (SS)
8	CS45	D5-PHENOL (SS)
9	C315	PHENOL
10	C330	2-CHLOROPHENOL
11	C355	2-METHYLPHENOL
12	C365	4-METHYLPHENOL
13	CS20	D5-NITROBENZENE (SS)
14	C420	2-NITROPHENOL
15	C425	2,4-DIMETHYLPHENOL
16	C440	2,4-DICHLOROPHENOL
17	C450	NAPHTHALENE
18	C465	4-CHLORO-3-METHYLPHENOL
19	C470	2-METHYLNAPHTHALENE
20	C475	1-METHYLNAPHTHALENE
21	C515	2,4,6-TRICHLOROPHENOL
22	C520	2,4,5-TRICHLOROPHENOL
23	CS25	2-FLUOROBIPHENYL (SS)
24	C525	2-CHLORONAPHTHALENE
25	C540	ACENAPHTHYLENE
26	C550	ACENAPHTHENE
27	C555	2,4-DINITROPHENOL
28	C565	DIBENZOFURAN
29	C560	4-NITROPHENOL
30	C590	9H-FLUORENE
31	CS55	2,4,6-TRIBROMOPHENOL (SS)
32	C610	4,6-DINITRO-2-METHYLPHENOL
33	C635	PENTACHLOROPHENOL
34	C640	PHENANTHRENE
35	C645	ANTHRACENE
36	C647	9H-CARBAZOLE
37	C655	FLUORANTHENE
38	CS35	D10-PYRENE (SS)
39	C715	PYRENE
40	CS30	D14-TERPHENYL (SS)
41	C717	RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730	BENZO(A)ANTHRACENE
43	C740	CHRYSENE
44	C765	BENZO(B)FLUORANTHENE
45	C770	BENZO(K)FLUORANTHENE
46	C775	BENZO(A)PYRENE
47	C780	INDENO(1,2,3-CD)PYRENE

Quantitation Report File: WAN1119

Data: WAN1119.TI
04/29/91 8:00:00
Sample: WAN1119 BNA STD MIX LABN1115C 8NG/2UL INJ
Conds.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
Formula: WDF1119/ISSM1098A Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: RYA/WDOE Acct. No.: WAN1119

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from linear fit to whole .RL

No	Name
1	CI30 D4-1,4-DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL (SS)
8	CS45 D5-PHENOL (SS)
9	C315 PHENOL
10	C330 2-CHLOROPHENOL
11	C355 2-METHYLPHENOL
12	C365 4-METHYLPHENOL
13	CS20 D5-NITROBENZENE (SS)
14	C420 2-NITROPHENOL
15	C425 2,4-DIMETHYLPHENOL
16	C440 2,4-DICHLOROPHENOL
17	C450 NAPHTHALENE
18	C465 4-CHLORO-3-METHYLPHENOL
19	C470 2-METHYLNAPHTHALENE
20	C475 1-METHYLNAPHTHALENE
21	C515 2,4,6-TRICHLOROPHENOL
22	C520 2,4,5-TRICHLOROPHENOL
23	CS25 2-FLUOROBIPHENYL (SS)
24	C525 2-CHLORONAPHTHALENE
25	C540 ACENAPHTHYLENE
26	C550 ACENAPHTHENE
27	C555 2,4-DINITROPHENOL
28	C565 DIBENZOFURAN
29	C560 4-NITROPHENOL
30	C590 9H-FLUORENE
31	CS55 2,4,6-TRIBROMOPHENOL (SS)
32	C610 4,6-DINITRO-2-METHYLPHENOL
33	C635 PENTACHLOROPHENOL
34	C640 PHENANTHRENE
35	C645 ANTHRACENE
36	C647 9H-CARBAZOLE
37	C655 FLUORANTHENE
38	CS35 D10-PYRENE (SS)
39	C715 PYRENE
40	CS30 D14-TERPHENYL (SS)
41	C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
42	C730 BENZO(A)ANTHRACENE
43	C740 CHRYSENE
44	C765 BENZO(B)FLUORANTHENE
45	C770 BENZO(K)FLUORANTHENE
46	C775 BENZO(A)PYRENE
47	C780 INDENO(1,2,3-CD)PYRENE

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot	
1	152	1289	10:45	1	1.000	A BB	194263.	5.000	UG/ML	2.69	
2	136	1741	14:31	2	1.000	A BB	759734.	5.000	UG/ML	2.69	
3	164	2403	20:02	3	1.000	A BB	382663.	5.000	UG/ML	2.69	
4	188	2973	24:47	4	1.000	A BB	493446.	5.000	UG/ML	2.69	
5	240	4011	33:26	5	1.000	A BB	251459.	5.000	UG/ML	2.69	
6	264	4532	37:46	6	1.000	A BB	176288.	5.000	UG/ML	2.69	
7	112	886	7:23	1	0.687	A BB	185483.	4.730	UG/ML	2.55	
8	99	1189	9:55	1	0.922	A BB	256374.	4.656	UG/ML	2.51	
9	94	1193	9:57	1	0.926	A BB	294666.	3.324	UG/ML	1.79	19%
10	128	1218	10:09	1	0.945	A BB	202269.	3.139	UG/ML	1.69	25%
11	108	1396	11:38	1	1.083	A BV	198490.	3.024	UG/ML	1.63	28%
12	108	1454	12:07	1	1.128	A BB	211623.	2.957	UG/ML	1.59	30%
13	82	1485	12:23	2	0.853	A BB	203001.	4.638	UG/ML	2.50	14%
14	139	1607	13:24	2	0.923	A BV	89358.	— 2.908	UG/ML	1.57	32%
15	107	1645	13:43	2	0.945	A BB	168989.	2.975	UG/ML	1.60	29%
16	162	1699	14:10	2	0.976	A BV	134680.	— 2.865	UG/ML	1.54	33%
17	128	1749	14:35	2	1.005	A BV	687205.	3.690	UG/ML	1.99	8%
18	107	1979	16:30	2	1.137	A BB	135363.	— 2.805	UG/ML	1.51	35%
19	142	2011	16:46	2	1.155	A BB	546211.	3.272	UG/ML	1.76	20%
20	142	2046	17:03	2	1.175	A BB	243554.	3.286	UG/ML	1.77	20%
21	196	2126	17:43	3	0.885	A BV	68269.	— 2.782	UG/ML	1.50	36%
22	196	2136	17:48	3	0.889	A VB	67265.	— 2.720	UG/ML	1.46	36%
23	172	2160	18:00	3	0.899	A BB	342995.	3.985	UG/ML	2.15	1%
24	162	2192	18:16	3	0.912	A BB	337836.	3.431	UG/ML	1.85	15%
25	152	2346	19:33	3	0.976	A BB	452738.	3.110	UG/ML	1.67	25%
26	153	2415	20:08	3	1.005	A BB	329846.	3.360	UG/ML	1.81	17%
27	184	2445	20:23	3	1.017	A BV	9434.	* 6.760	UG/ML	3.64	51%
28	168	2483	20:42	3	1.033	A BB	465452.	3.245	UG/ML	1.75	21%
29	109	2485	20:43	3	1.034	A BB	14249.	4.753	UG/ML	2.56	17%
30	166	2615	21:48	3	1.088	A BB	354310.	3.055	UG/ML	1.65	27%
31	330	2707	22:34	3	1.127	A BB	14590.	4.798	UG/ML	2.58	18%
32	198	2650	22:05	4	0.891	A BB	23810.	* 6.059	UG/ML	3.26	41%
33	266	2908	24:14	4	0.978	A BB	20840.	5.317	UG/ML	2.86	28%
34	178	2982	24:51	4	1.003	A BB	446298.	3.421	UG/ML	1.84	16%
35	178	3001	25:01	4	1.009	A BB	394170.	3.072	UG/ML	1.65	26%
36	167	3075	25:38	4	1.034	A BB	182708.	— 2.869	UG/ML	1.55	33%
37	202	3447	28:44	4	1.159	A BB	348177.	3.014	UG/ML	1.62	28%
38	212	3524	29:22	5	0.879	A BB	263902.	4.278	UG/ML	2.30	7%
39	202	3532	29:26	5	0.881	A BB	385649.	3.182	UG/ML	1.71	23%
40	244	3618	30:09	5	0.902	A BV	168040.	4.353	UG/ML	2.34	8%
41	219	3665	30:33	5	0.914	A BB	80479.	3.203	UG/ML	1.72	22%
42	228	4008	33:24	5	0.999	A BV	201365.	3.433	UG/ML	1.85	15%
43	228	4022	33:31	5	1.003	A VB	240027.	3.558	UG/ML	1.92	12%
44	252	4404	36:42	6	0.972	A BV	160304.	3.221	UG/ML	1.73	22%
45	252	4414	36:47	6	0.974	A VB	174393.	3.162	UG/ML	1.70	23%
46	252	4512	37:36	6	0.996	A BB	125362.	3.248	UG/ML	1.75	21%
47	276	4879	40:40	6	1.077	A BV	101599.	3.335	UG/ML	1.80	18%
48	278	4891	40:46	6	1.079	A VB	98527.	3.295	UG/ML	1.77	~~35~~ 19%
49	276	4972	41:26	6	1.097	A BB	113065.	3.413	UG/ML	1.84	16%

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:34	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:04	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:29	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:49	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:25	1.00	0.688	1.00	4.73	20.00	0.277	1.170	0.24
8	9:58	0.99	0.925	1.00	4.66	20.00	0.406	1.745	0.23
9	10:01	0.99	0.929	1.00	3.32	20.00	0.328	1.972	0.17
10	10:12	1.00	0.946	1.00	3.14	20.00	0.209	1.329	0.16
11	11:42	1.00	1.085	1.00	3.02	20.00	0.222	1.470	0.15
12	12:11	1.00	1.130	1.00	2.96	20.00	0.237	1.602	0.15
13	12:26	1.00	0.854	1.00	4.64	20.00	0.088	0.378	0.23
14	13:27	1.00	0.924	1.00	2.91	20.00	0.026	0.178	0.15
15	13:46	1.00	0.946	1.00	2.97	20.00	0.050	0.338	0.15
16	14:13	1.00	0.977	1.00	2.87	20.00	0.036	0.248	0.14
17	14:38	1.00	1.005	1.00	3.69	20.00	0.199	1.077	0.18
18	16:33	1.00	1.136	1.00	2.80	20.00	0.041	0.293	0.14
19	16:49	1.00	1.155	1.00	3.27	20.00	0.152	0.931	0.16
20	17:06	1.00	1.175	1.00	3.29	20.00	0.070	0.426	0.16
21	17:46	1.00	0.885	1.00	2.78	20.00	0.040	0.290	0.14
22	17:51	1.00	0.890	1.00	2.72	20.00	0.038	0.280	0.14
23	18:03	1.00	0.900	1.00	3.98	20.00	0.243	1.221	0.20
24	18:19	1.00	0.913	1.00	3.43	20.00	0.207	1.204	0.17
25	19:36	1.00	0.977	1.00	3.11	20.00	0.241	1.549	0.16
26	20:11	1.00	1.006	1.00	3.36	20.00	0.192	1.141	0.17
27	20:26	1.00	1.018	1.00	6.76	20.00	0.028	0.083	0.34
28	20:45	1.00	1.034	1.00	3.24	20.00	0.256	1.577	0.16
29	20:46	1.00	1.035	1.00	4.75	20.00	0.020	0.086	0.24
30	21:51	1.00	1.089	1.00	3.05	20.00	0.185	1.210	0.15
31	22:37	1.00	1.127	1.00	4.80	20.00	0.016	0.065	0.24
32	22:09	1.00	0.892	1.00	6.06	20.00	0.033	0.109	0.30
33	24:17	1.00	0.979	1.00	5.32	20.00	0.026	0.098	0.27
34	24:55	1.00	1.004	1.00	3.42	20.00	0.215	1.257	0.17
35	25:04	1.00	1.010	1.00	3.07	20.00	0.183	1.189	0.15
36	25:41	1.00	1.035	1.00	2.87	20.00	0.057	0.398	0.14
37	28:47	1.00	1.160	1.00	3.01	20.00	0.159	1.056	0.15
38	29:26	1.00	0.879	1.00	4.28	20.00	0.310	1.451	0.21
39	29:30	1.00	0.881	1.00	3.18	20.00	0.314	1.975	0.16
40	30:12	1.00	0.902	1.00	4.35	20.00	0.207	0.953	0.22
41	30:36	1.00	0.914	1.00	3.20	20.00	0.082	0.512	0.16
42	33:28	1.00	0.999	1.00	3.43	20.00	0.219	1.277	0.17
43	33:35	1.00	1.003	1.00	3.56	20.00	0.217	1.221	0.18
44	36:46	1.00	0.972	1.00	3.22	20.00	0.235	1.459	0.16
45	36:52	1.00	0.975	1.00	3.16	20.00	0.212	1.340	0.16
46	37:41	1.00	0.996	1.00	3.25	20.00	0.199	1.223	0.16
47	40:45	1.00	1.078	1.00	3.34	20.00	0.163	0.979	0.17
48	40:52	1.00	1.080	1.00	3.30	20.00	0.143	0.868	0.16
49	41:33	1.00	1.099	1.00	3.41	20.00	0.166	0.974	0.17

No	Name
48	C785 DIBENZ(A,H)ANTHRACENE
49	C790 BENZO(G,H,I)PERYLENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1289	10:45	1	1.000	A BB	194263	5.000 UG/ML	1.94
2	136	1741	14:31	2	1.000	A BB	759734	5.000 UG/ML	1.94
3	164	2403	20:02	3	1.000	A BB	382663	5.000 UG/ML	1.94
4	188	2973	24:47	4	1.000	A BB	493446	5.000 UG/ML	1.94
5	240	4011	33:26	5	1.000	A BB	251459	5.000 UG/ML	1.94
6	264	4532	37:46	6	1.000	A BB	176288	5.000 UG/ML	1.94
7	112	886	7:23	1	0.687	A BB	185483	5.297 UG/ML	2.06
8	99	1189	9:55	1	0.922	A BB	256374	5.458 UG/ML	2.12
9	94	1193	9:57	1	0.926	A BB	294666	5.301 UG/ML	2.06
10	128	1218	10:09	1	0.945	A BB	202269	5.364 UG/ML	2.08
11	108	1396	11:38	1	1.083	A BV	198490	5.190 UG/ML	2.01
12	108	1454	12:07	1	1.128	A BB	211623	5.331 UG/ML	2.07
13	82	1485	12:23	2	0.853	A BB	203001	5.646 UG/ML	2.19
14	139	1607	13:24	2	0.923	A BV	89358	6.514 UG/ML	2.53
15	107	1645	13:43	2	0.945	A BB	168989	5.758 UG/ML	2.23
16	162	1699	14:10	2	0.976	A BV	134680	5.741 UG/ML	2.23
17	128	1749	14:35	2	1.005	A BV	687205	4.241 UG/ML	1.65
18	107	1979	16:30	2	1.137	A BB	135363	6.260 UG/ML	2.43
19	142	2011	16:46	2	1.155	A BB	546211	4.462 UG/ML	1.73
20	142	2046	17:03	2	1.175	A BB	243554	4.565 UG/ML	1.77
21	196	2126	17:43	3	0.885	A BV	68269	5.855 UG/ML	2.27
22	196	2136	17:48	3	0.889	A VB	67265	6.196 UG/ML	2.40
23	172	2160	18:00	3	0.899	A BB	342995	4.309 UG/ML	1.67
24	162	2192	18:16	3	0.912	A BB	337836	4.431 UG/ML	1.72
25	152	2346	19:33	3	0.976	A BB	452738	4.915 UG/ML	1.91
26	153	2415	20:08	3	1.005	A BB	329846	4.545 UG/ML	1.76
27	184	2445	20:23	3	1.017	A BV	9434	6.760 UG/ML	2.62
28	168	2483	20:42	3	1.033	A BB	465452	4.498 UG/ML	1.75
29	109	2485	20:43	3	1.034	A BB	14249	4.753 UG/ML	1.84
30	166	2615	21:48	3	1.088	A BB	354310	4.856 UG/ML	1.88
31	330	2707	22:34	3	1.127	A BB	14590	6.054 UG/ML	2.35
32	198	2650	22:05	4	0.891	A BB	23810	6.059 UG/ML	2.35
33	266	2908	24:14	4	0.978	A BB	20840	5.317 UG/ML	2.06
34	178	2982	24:51	4	1.003	A BB	446298	4.315 UG/ML	1.67
35	178	3001	25:01	4	1.009	A BB	394170	5.229 UG/ML	2.03
36	167	3075	25:38	4	1.034	A BB	182708	4.793 UG/ML	1.86
37	202	3447	28:44	4	1.159	A BB	348177	5.308 UG/ML	2.06
38	212	3524	29:22	5	0.879	A BB	263902	5.458 UG/ML	2.12
39	202	3532	29:26	5	0.881	A BB	385649	5.091 UG/ML	1.98
40	244	3618	30:09	5	0.902	A BV	168040	5.464 UG/ML	2.12
41	219	3665	30:33	5	0.914	A BB	80479	5.695 UG/ML	2.21
42	228	4008	33:24	5	0.999	A BV	201365	5.005 UG/ML	1.94
43	228	4022	33:31	5	1.003	A VB	240027	4.576 UG/ML	1.78
44	252	4404	36:42	6	0.972	A BV	160304	5.425 UG/ML	2.11
45	252	4414	36:47	6	0.974	A VB	174393	5.726 UG/ML	2.22
46	252	4512	37:36	6	0.996	A BB	125362	5.732 UG/ML	2.22
47	276	4879	40:40	6	1.077	A BV	101599	5.442 UG/ML	2.11
48	278	4891	40:46	6	1.079	A VB	98527	5.617 UG/ML	2.18
49	276	4972	41:26	6	1.097	A BB	113065	5.128 UG/ML	1.99

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:46	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
2	14:32	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
3	20:03	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
4	24:48	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
5	33:27	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
6	37:47	1.00	1.000	1.00	5.00	5.00	1.000	1.000	1.00
7	7:24	1.00	0.687	1.00	5.30	4.00	1.459	1.102	1.32
8	9:55	1.00	0.922	1.00	5.46	4.00	2.090	1.532	1.36
9	9:58	1.00	0.926	1.00	5.30	4.00	2.288	1.726	1.33
10	10:10	1.00	0.945	1.00	5.36	4.00	1.660	1.238	1.34
11	11:40	1.00	1.084	1.00	5.19	4.00	1.563	1.205	1.30
12	12:08	1.00	1.128	1.00	5.33	4.00	1.700	1.275	1.33
13	12:24	1.00	0.853	1.00	5.65	4.00	0.432	0.306	1.41
14	13:25	1.00	0.923	1.00	6.51	4.00	0.221	0.135	1.63
15	13:44	1.00	0.944	1.00	5.76	4.00	0.383	0.266	1.44
16	14:11	1.00	0.975	1.00	5.74	4.00	0.318	0.221	1.44
17	14:36	1.00	1.004	1.00	4.24	4.00	1.198	1.130	1.06
18	16:31	1.00	1.136	1.00	6.26	4.00	0.331	0.212	1.57
19	16:47	1.00	1.155	1.00	4.46	4.00	1.014	0.909	1.12
20	17:05	1.00	1.175	1.00	4.57	4.00	0.454	0.398	1.14
21	17:45	1.00	0.885	1.00	5.86	4.00	0.339	0.231	1.46
22	17:50	1.00	0.889	1.00	6.20	4.00	0.351	0.227	1.55
23	18:02	1.00	0.899	1.00	4.31	4.00	1.195	1.109	1.08
24	18:18	1.00	0.912	1.00	4.43	4.00	1.213	1.094	1.11
25	19:35	1.00	0.977	1.00	4.92	4.00	1.815	1.477	1.23
26	20:10	1.00	1.005	1.00	4.55	4.00	1.205	1.060	1.14
27	20:24	1.00	1.017	1.00	6.76	4.00	0.037	0.022	1.69
28	20:43	1.00	1.033	1.00	4.50	4.00	1.715	1.525	1.12
29	20:44	1.00	1.034	1.00	4.75	4.00	0.058	0.049	1.19
30	21:50	1.00	1.089	1.00	4.86	4.00	1.394	1.148	1.21
31	22:36	1.00	1.127	1.00	6.05	4.00	0.065	0.043	1.51
32	22:07	1.00	0.891	1.00	6.06	4.00	0.072	0.048	1.51
33	24:16	1.00	0.978	1.00	5.32	4.00	0.067	0.051	1.33
34	24:53	1.00	1.003	1.00	4.31	4.00	1.241	1.150	1.08
35	25:03	1.00	1.010	1.00	5.23	4.00	1.271	0.972	1.31
36	25:39	1.00	1.034	1.00	4.79	4.00	0.671	0.560	1.20
37	28:45	1.00	1.159	1.00	5.31	4.00	1.166	0.879	1.33
38	29:24	1.00	0.879	1.00	5.46	4.00	1.659	1.216	1.36
39	29:27	1.00	0.880	1.00	5.09	4.00	2.325	1.827	1.27
40	30:10	1.00	0.902	1.00	5.46	4.00	1.061	0.777	1.37
41	30:34	1.00	0.914	1.00	5.69	4.00	0.531	0.373	1.42
42	33:25	1.00	0.999	1.00	5.00	4.00	1.238	0.990	1.25
43	33:32	1.00	1.002	1.00	4.58	4.00	1.333	1.165	1.14
44	36:43	1.00	0.972	1.00	5.42	4.00	1.513	1.116	1.36
45	36:48	1.00	0.974	1.00	5.73	4.00	1.678	1.172	1.43
46	37:38	1.00	0.996	1.00	5.73	4.00	1.225	0.855	1.43
47	40:41	1.00	1.077	1.00	5.44	4.00	0.928	0.682	1.36
48	40:47	1.00	1.079	1.00	5.62	4.00	0.931	0.663	1.40
49	41:28	1.00	1.097	1.00	5.13	4.00	1.000	0.780	1.28

PROCEDURE: TCA DIAGNOSTIC REPORT 4/28/91 8:44:23
DATA FILE: WAN1119
REFERENCE: BNA11
NAME LIST: LLBNA INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: LLBNAX

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
6	6	2	56	12	12	1	66	LLBNAX/LLBNA1
1	1	1	0	9	9	2	44	LLBNAX2/LLBNA2
1	1	1	0	6	6	4	40	LLBNAX3/LLBNA3
1	1	1	0	7	7	1	59	LLBNAX3/LLBNA4
1	1	1	0	7	7	1	53	LLBNAX4/LLBNA5
1	1	1	0	7	7	1	50	LLBNAX5/LLBNA6
1	1	1	0	7	7	2	56	LLBNAX6/LLBNA7

49 COMPOUNDS PROCESSED, 49 FOUND

< COMPOUND		>< ---------- SEARCH ----------					>< SAT	>< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	LL	1	-1291	1288	1289	1	1	945	.	152	1289	.	1
2	LL	2	-1744	1741	1741	.	1	992	.	136	1741	.	1
3	LL	3	-2406	2403	2403	.	1	969	.	164	2403	.	1
4	LL	4	-2976	2974	2973	-1	1	908	.	188	2973	.	1
5	LL	5	-4014	4012	4012	.	1	971	.	240	4011	-1	1
6	LL	6	-4534	4532	4532	.	2	983	.	264	4532	.	1
7	LL	8	-887	885	886	1	1	995	.	112	886	.	1
8	LL	10	-1190	1188	1189	1	1	995	.	99	1189	.	1
9	LL	11	-1195	1193	1193	.	1	1000	.	94	1193	.	1
10	LL	14	-1220	1218	1218	.	1	981	.	128	1218	.	1
11	LL	20	-1399	1397	1397	.	1	998	.	108	1396	-1	1
12	LL	24	-1456	1454	1454	.	1	998	.	108	1454	.	1
13	LL	25	-1487	1485	1485	.	1	973	.	82	1485	.	1
14	LL	28	-1610	1608	1607	-1	1	954	.	139	1607	.	1
15	LL	29	-1647	1645	1645	.	1	999	.	107	1645	.	1
16	LL	31	-1701	1699	1699	.	1	994	.	162	1699	.	1
17	LL	34	-1751	1748	1749	1	1	994	.	128	1749	.	1
18	LL	38	-1982	1979	1979	.	1	986	.	107	1979	.	1
19	LL	39	-2014	2011	2011	.	1	988	.	142	2011	.	1
20	LL	40	-2049	2046	2046	.	2	986	.	142	2046	.	1
21	LL	42	-2129	2126	2126	.	2	992	.	196	2126	.	1
22	LL	43	-2139	2136	2136	.	2	976	.	196	2136	.	1
23	LL	44	-2163	2160	2160	.	1	976	.	172	2160	.	1
24	LL	45	-2195	2192	2192	.	1	1000	.	162	2192	.	1
25	LL	48	-2350	2347	2346	-1	1	997	.	152	2346	.	1
26	LL	51	-2419	2416	2415	-1	1	997	.	153	2415	.	1
27	LL	52	-2448	2445	2445	.	1	989	.	184	2445	.	1
28	LL	54	-2486	2483	2483	.	1	997	.	168	2483	.	1
29	LL	55	-2488	2485	2484	-1	1	854	.	109	2485	1	1
30	LL	58	-2619	2616	2615	-1	1	991	.	166	2615	.	1
31	LL	63	-2711	2708	2708	.	1	990	.	330	2707	-1	1
32	LL	64	-2653	2650	2650	.	1	996	.	198	2650	.	1
33	LL	68	-2911	2908	2908	.	1	960	.	266	2908	.	1
34	LL	69	-2985	2982	2982	.	1	985	.	178	2982	.	1
35	LL	70	-3005	3002	3001	-1	1	987	.	178	3001	.	1
36	LL	71	-3078	3075	3075	.	1	995	.	167	3075	.	1
37	LL	73	-3449	3447	3447	.	1	998	.	202	3447	.	1
38	LL	75	-3527	3525	3524	-1	1	977	.	212	3524	.	1
39	LL	76	-3534	3532	3532	.	1	1000	.	202	3532	.	1
40	LL	77	-3620	3618	3618	.	1	933	.	244	3618	.	1
41	LL	78	-3667	3665	3665	.	1	972	.	219	3665	.	1
42	LL	80	-4010	4008	4008	.	1	952	.	228	4008	.	1
43	LL	82	-4023	4021	4022	1	1	950	.	228	4022	.	1
44	LL	85	-4406	4404	4403	-1	2	963	.	252	4404	1	1

46	LL	87	-4515	4512	4512	.	1	964	.	252	4512	.	1
47	LL	88	-4882	4879	4879	.	1	970	.	276	4879	.	1
48	LL	90	-4894	4891	4891	.	1	946	.	278	4891	.	1
49	LL	91	-4976	4973	4972	-1	1	975	.	276	4972	.	1