BW1093D

EPA Laboratory Management System

~~(68) B/N/Acid Scan~~ 67 PAH

Sample: ~~91130150~~
Method: EP2-625 GC/MS Ext Scan
Project: HWD-127A RIDGEFIELD BRICK AND TILE
Station:
Source:(23) Well (Test/Observati

Matrix:(10) Water-Total
Officer: Bailey, Marsha
Account: AGDD3A
Field Prep:(__) Unknown

Collected: 91/ 03/ 27
Received: 91/ 03/ 29
Comments:

Extracted: 91/04/03 Extractor: DL Weight/Volume Extracted: 2950 ml

Analyzed: 91/04/26 15:15 Analyst: RYA Percent Solids: /

Reviewed: 91/04/26 By: RYA Final Review: 5/2/91 By: JMB

IBM Report: 91/05/01 By: RYA

Sample Volume (ml): 2950 ml

Standard Run: WAN1116

Std. Stock Solution: LABN1115

Background Run: WBW1093

Tape Identification: 24-1991-5100-WDOE

Calibration Run: FC43 1116

Tape File Number: #9

Extraction Solvent: CH2CL2

Final Extract Cool (ml): 1
Volume Injected (ul): ~~2~~

Dilution Factor:

Instrument: Finnigan
Carrier Gas: Helium
Gas Flow Rate (ml/min): 2
Run Time (min): 45

Column Coating , Film Thickness: DB-5 , .25 u
Column Inside Diameter (mm): 0.254
Column Length (M): 30
Column Tubing Material: Fused Silica

Start Mass (AMU): 35
AMU/sec: 415
Stop Mass (AMU): 450

Temperature 1,2 (deg. C):	35 ,	50
Time 1,2 (min):	2 ,	3
Ramp Rate 1,2 (deg. C/min):	Hold ,	5
Temperature 3,4 (deg. C):	320 ,	320
Time 3,4 (min):	33.7 ,	6.3
Ramp Rate 3,4 (deg. C/min):	8 ,	Hold

Injection Port Temp. (deg. C): 250
GC/MS Ionization Mode: E I
Data Acquisition Mode: Acquire
Mass Analyzer (deg. C): 100
Beam Energy (EV): 70
Vacuum (Torr): 0.00001 (10^-5)

(End of Form) 2-APR-91 11:13 91130150

USEPA RCRA
3058017

Laboratory Name: MANCHESTER LAB
Case No: HWD-127A/1011

Sample Number
WBW1093D

LOW LEVEL ORGANICS ANALYSIS DATA SHEET
(Page 2)

SEMIVOLATILE COMPOUNDS

Concentration: LOW
Date Extracted/Prepared: 04/03/91
Date Analyzed: 04/26/91
Conc Factor: 118.0637
Percent Moisture: (Decanted) _____

GPC Cleanup ___ Yes _X_ No
Separatory Funnel Extraction ___ Yes
Continuous Liquid-Liquid Extraction ___ Yes

CAS Number		ug/L	CAS Number		ug/L
108-95-2	Phenol	0.05J	85-01-8	Phenanthrene	0.07U J
95-57-8	2-Chlorophenol	0.07U J	120-12-7	Anthracene	0.07U J
95-48-7	2-Methylphenol	0.07U J	86-74-8	9h-Carbazole	0.07u ~~0.3U~~ Rya
106-44-5	4-Methylphenol	0.07U J	206-44-0	Fluoranthene	0.07U J
88-75-5	2-Nitrophenol	0.07u ~~0.2U~~ Rya	129-00-0	Pyrene	0.07U J
105-67-9	2,4-Dimethylphenol	0.07U J	483-65-8	Retene	0.07U J
120-83-2	2,4-Dichlorophenol	0.07U J	56-55-3	Benzo(a)anthracene	0.07U J
91-20-3	Naphthalene	0.004J	218-01-9	Chrysene	0.07U J
59-50-7	4-Chloro-3-methylphenol	0.07U ~~0.3U~~ Rya	205-99-2	Benzo(b)fluoranthene	0.07U J
91-57-6	2-Methylnaphthalene	0.07U J	207-08-9	Benzo(k)fluoranthene	0.07U J
90-12-0	1-Methylnaphthalene	0.07U J	50-32-8	Benzo(a)pyrene	0.07U J
88-06-2	2,4,6-Trichlorophenol	0.07u ~~0.2U~~ Rya	193-39-5	Indeno(1,2,3-cd)pyrene	0.07U J
95-95-4	2,4,5-Trichlorophenol	0.07u ~~0.3U~~ Rya	53-70-3	Dibenz(a,h)anthracene	0.07u ~~0.2U~~ Rya
91-58-7	2-Chloronaphthalene	0.07U J	191-24-2	Benzo(g,h,i)perylene	0.07U J
208-96-8	Acenaphthylene	0.07U J			%
83-32-9	Acenaphthene	0.07U J	4165-60-0	Nitrobenzene-d5 (SS)	58
51-28-5	2,4-Dinitrophenol	0.7u ~~0.8U~~ Rya	321-60-8	2-Fluorobiphenyl (SS)	49
100-02-7	4-Nitrophenol	0.7u ~~0.4U~~ Rya	1718-51-0	Terphenyl-d14 (SS)	88
132-64-9	Dibenzofuran	0.07U J	4165-62-2	Phenol-d5 (SS)	28
86-73-7	Fluorene	0.07U J	367-12-4	2-Fluorophenol (SS)	42
534-52-1	4,6-Dinitro-2-methylphenol	0.7U ~~0.8U~~ Rya	118-79-3	2,4,6-Tribromophenol (SS)	NAR
87-86-5	Pentachlorophenol	0.7U ~~0.3U~~ Rya	1718-52-1	D10 pyrene	90 SMS

.92 4-26-91
Rya

4/26/91 15:15:23 SCAN 1 OF 5400
Acquisition started

Acquire Run 0:WBW1093D Acquiring
04/26/91 15:15:00 + 0:02 Free sectors: 19042 Scan: 4 of 5400
Sample: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/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: 33 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
quantitated against Linear regression low resp list

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

Teardown 4-26-91
Rya

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

Final Review
5/2/91
JMB

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

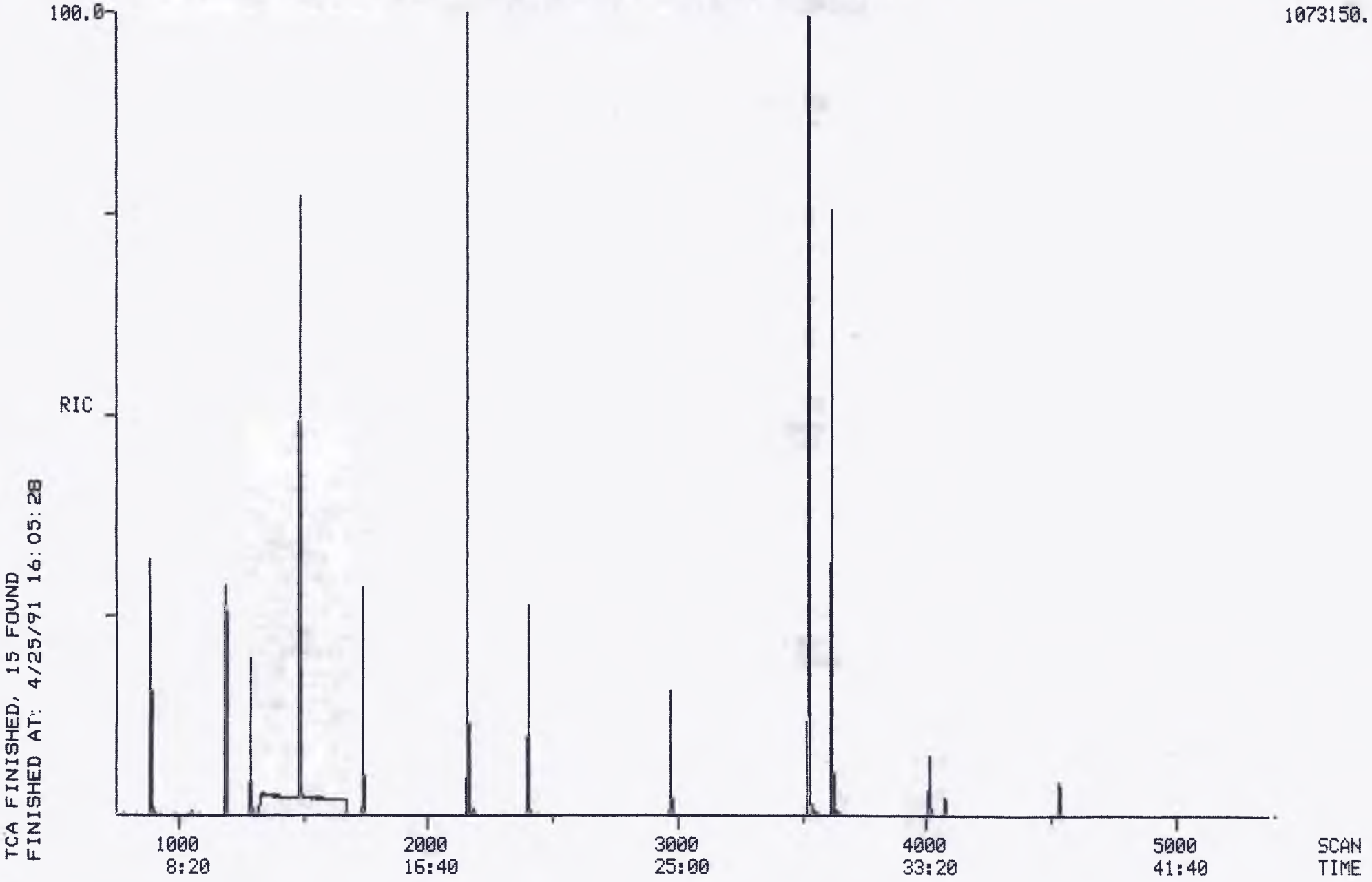
Extractor voltage 0.00 not used

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

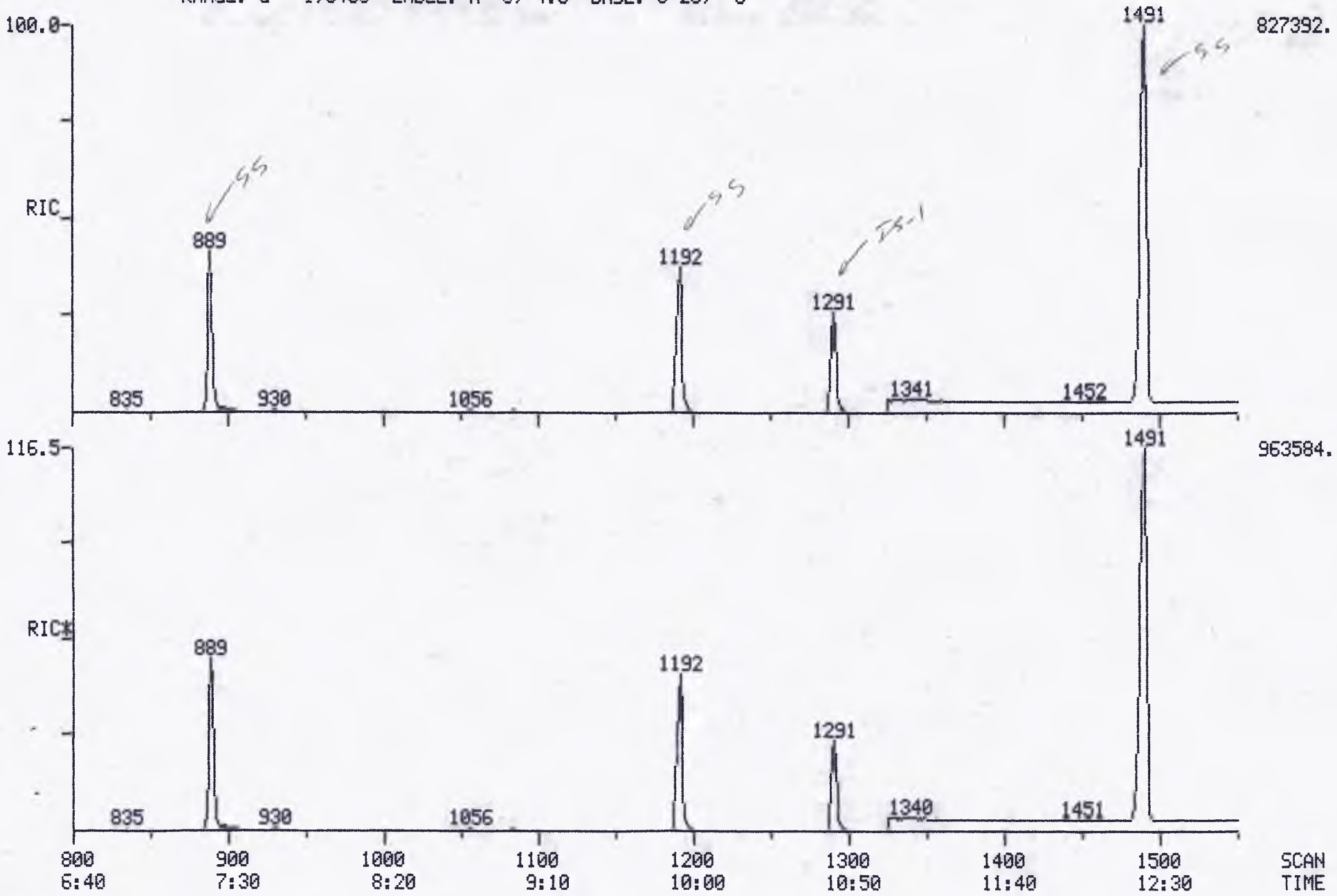
4/26/91 15:59:44
Acquisition completed
Scans 1 to 5400 centroid

Mode	Scans	Secs	out of	%	Peaks per scan per second		
Centroid	5400	62.5	2700.0	2.3	14238.	3.	5.

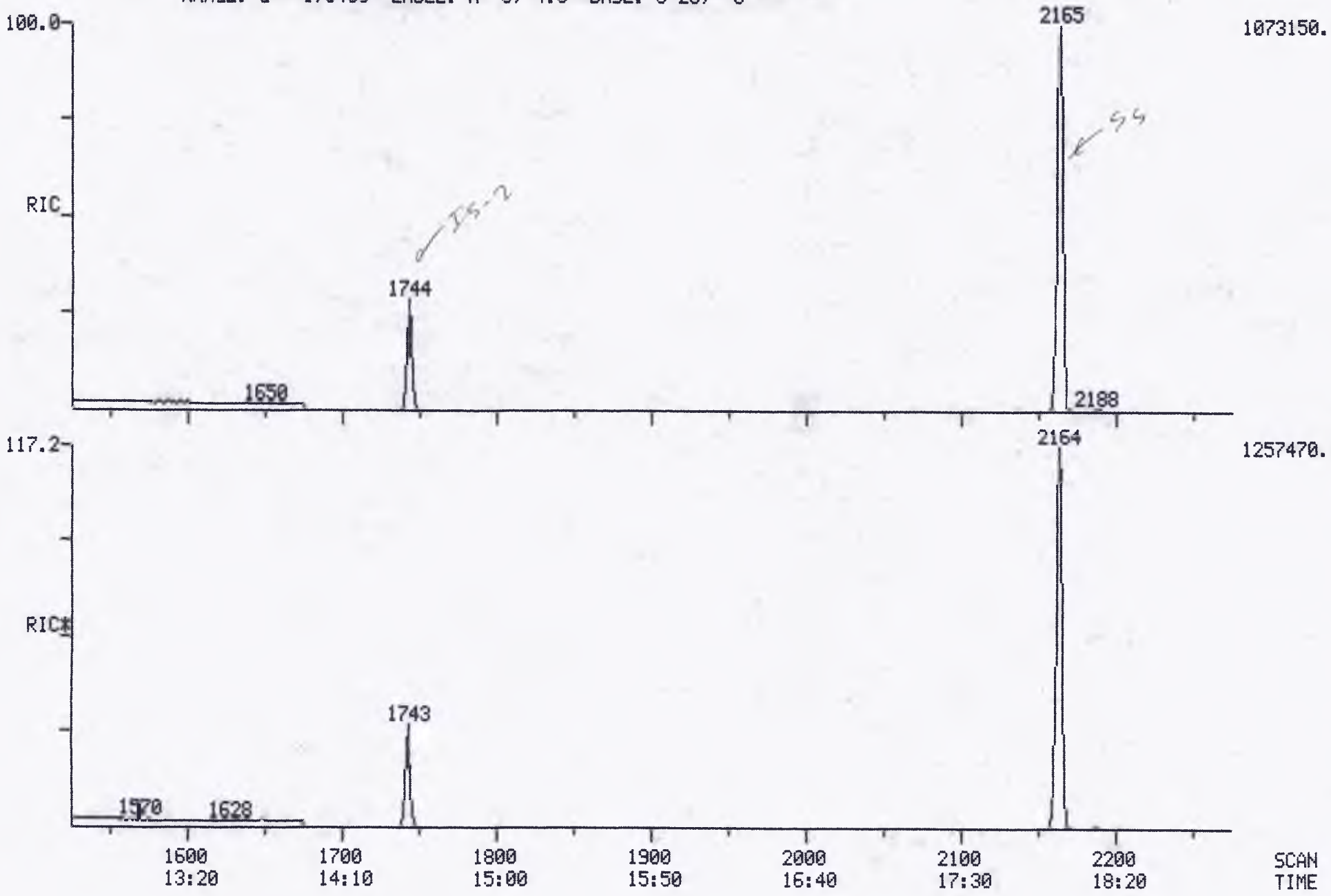
MIDRIC DATA: WBW1093D #1 SCANS 750 TO 5400
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



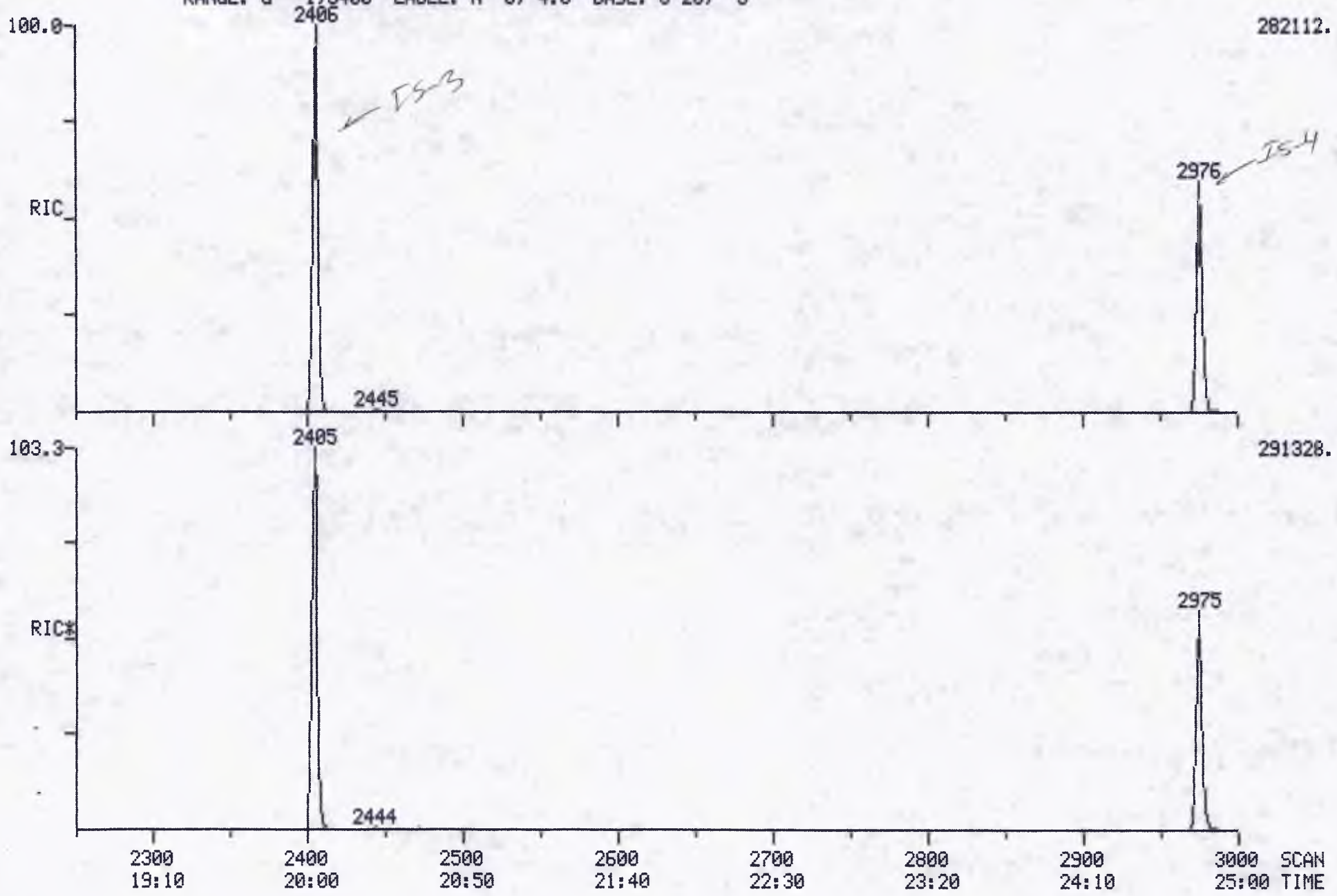
MID RIC DATA: WBW1093D #1,WBW1093
04/26/91 15:15:00 CALI: WBW1093D #5,WBW1093 #5 SCANS 800 TO 1550
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3



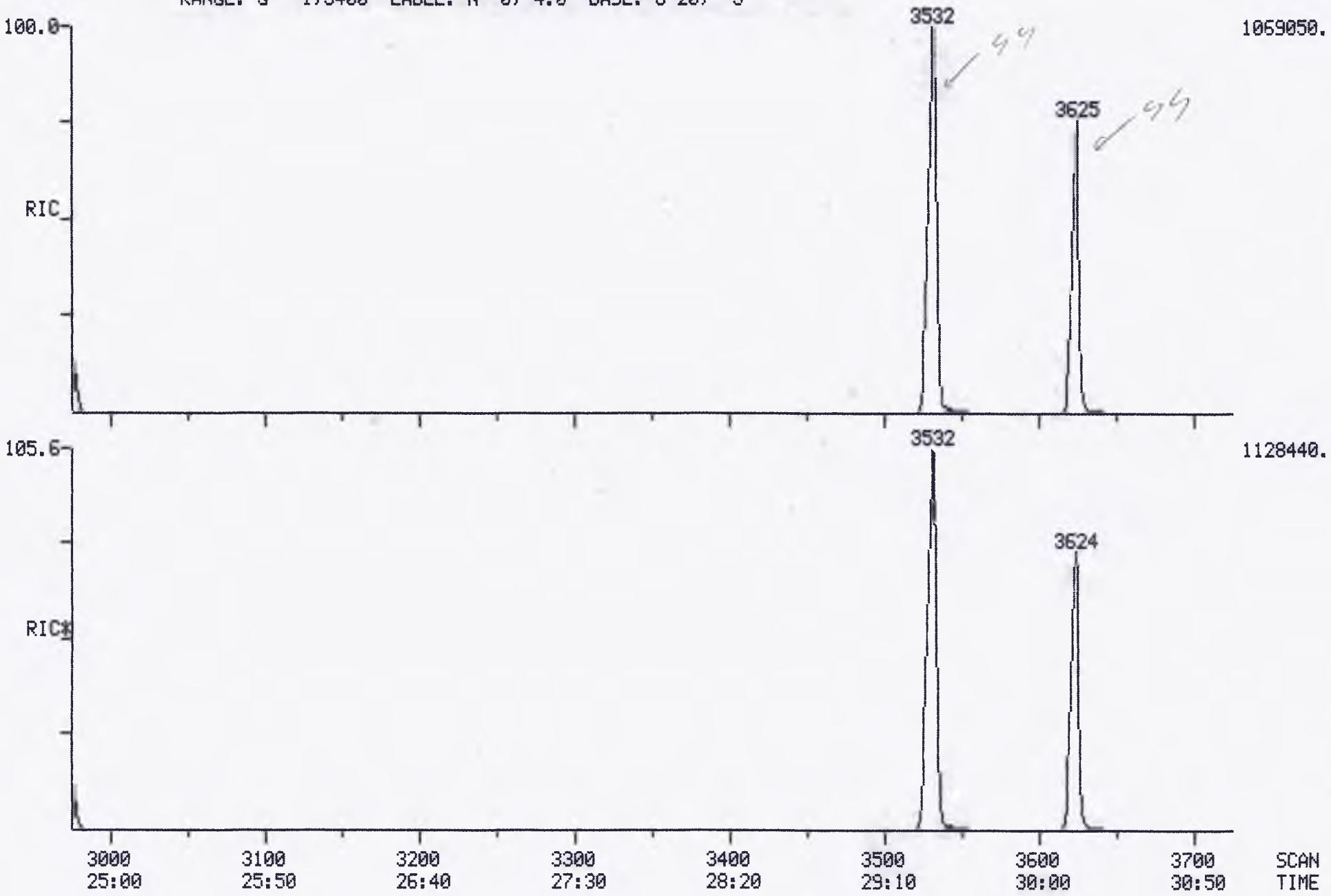
MID RIC DATA: WBW1093D #1,WBW1093
04/26/91 15:15:00 CALI: WBW1093D #5,WBW1093 #5 SCANS 1525 TO 2275
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3



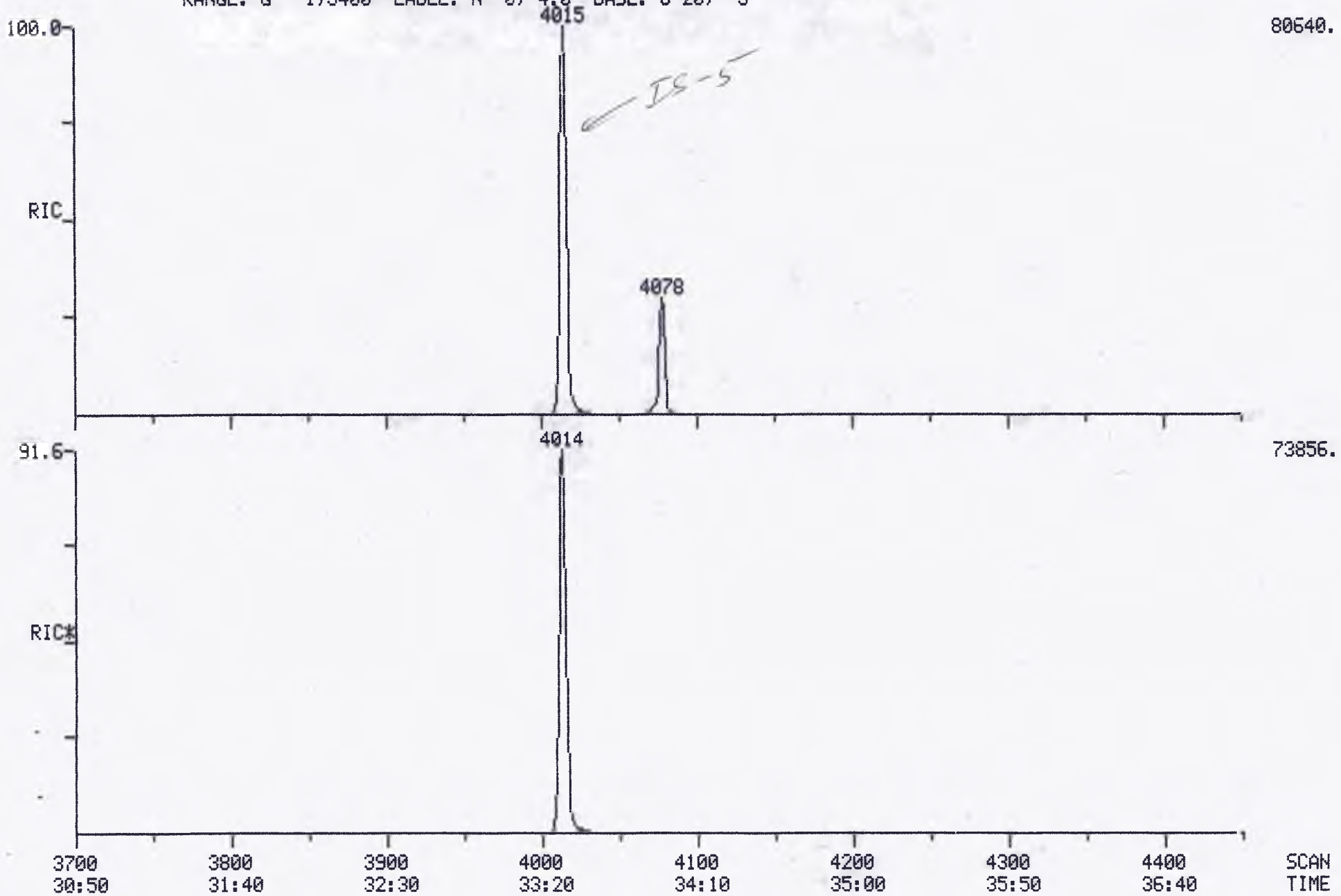
MID RIC DATA: WBW1093D #1,WBW1093
04/26/91 15:15:00 CALI: WBW1093D #5,WBW1093 #5 SCANS 2250 TO 3000
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3



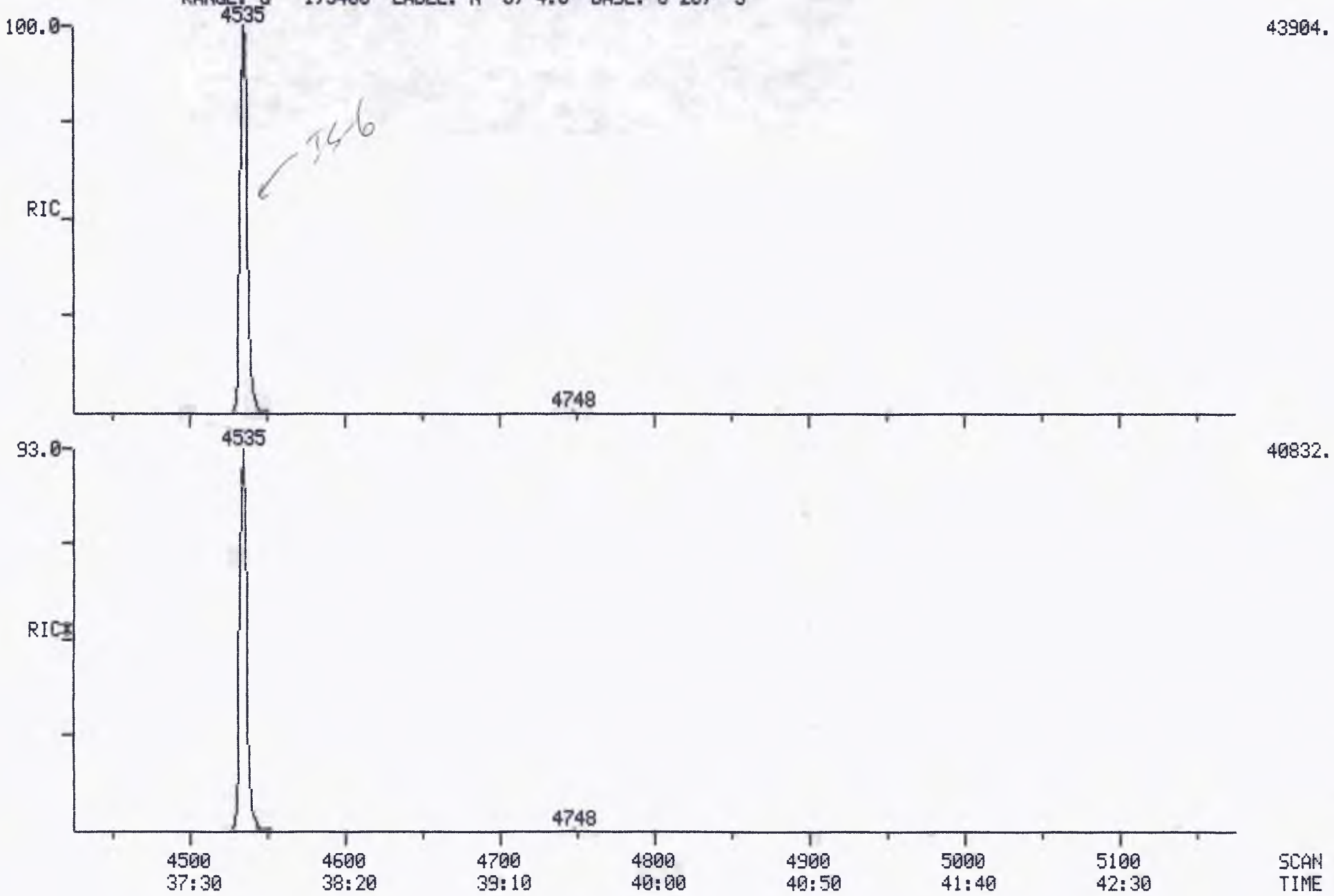
MID RIC DATA: WBW1093D #1,WBW1093
04/26/91 15:15:00 CALI: WBW1093D #5,WBW1093 #5 SCANS 2975 TO 3725
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3



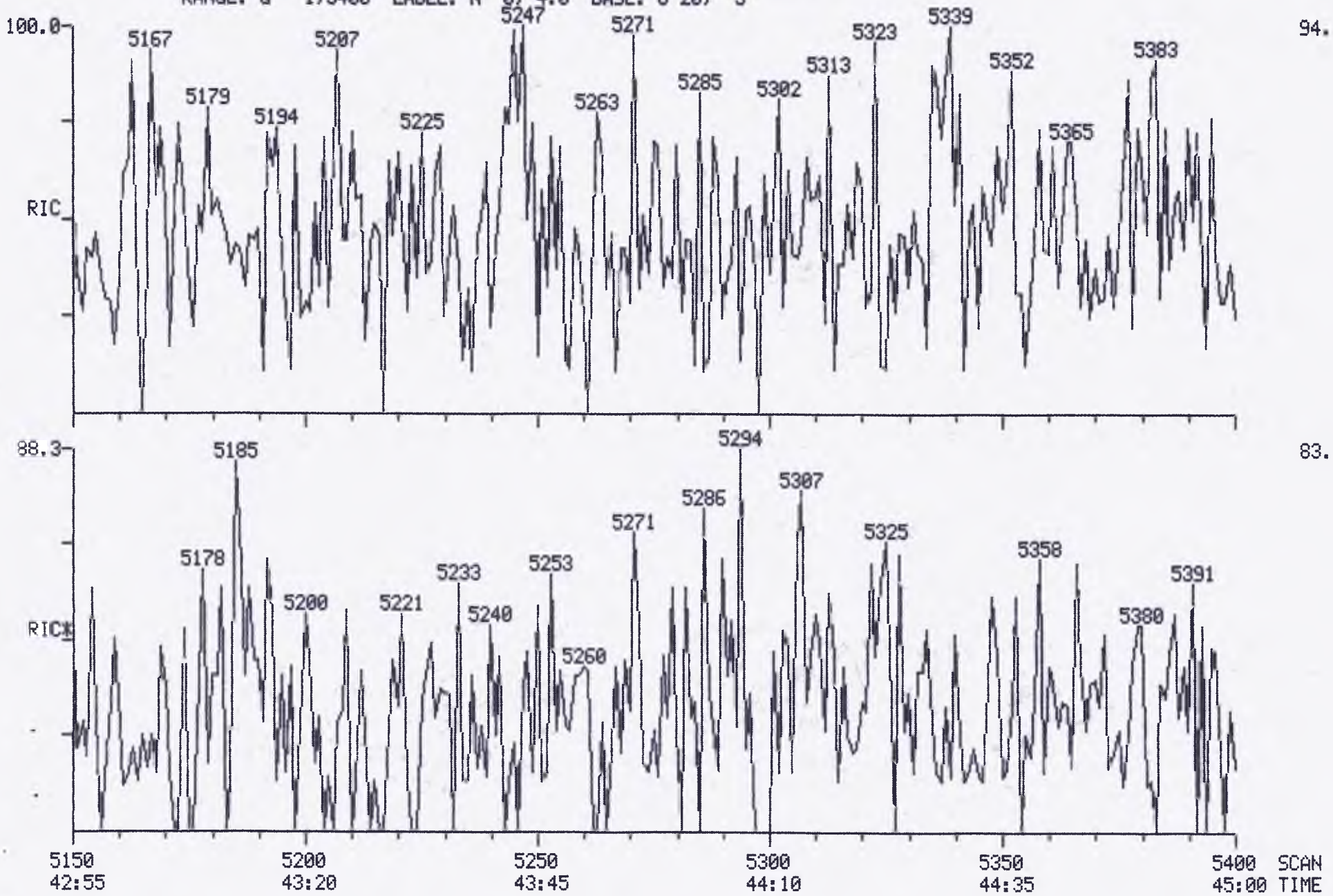
MID RIC DATA: WBW1093D #1,WBW1093
04/26/91 15:15:00 CALI: WBW1093D #5,WBW1093 #5 SCANS 3700 TO 4450
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3



MID RIC DATA: WBW1093D #1,WBW1093
04/26/91 15:15:00 CALI: WBW1093D #5,WBW1093 #5 SCANS 4425 TO 5175
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/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 BASE: U 20, 3



MID RIC DATA: WBW1093D #1,WBW1093
04/26/91 15:15:00 CALI: WBW1093D #5,WBW1093 #5 SCANS 5150 TO 5400
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/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 BASE: U 20, 3



Quantitation Report File: WBW1093D

Data: WBW1093D.TI
04/26/91 15:15:00
Sample: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/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	217186.	5.000 UG/ML	2.41
2	136	1744	14:32	2	1.000	A BB	845126.	5.000 UG/ML	2.41
3	164	2406	20:03	3	1.000	A BB	418435.	5.000 UG/ML	2.41
4	188	2976	24:48	4	1.000	A BB	546197.	5.000 UG/ML	2.41
5	240	4015	33:28	5	1.000	A BB	217909.	5.000 UG/ML	2.41
6	264	4536	37:48	6	1.000	A BB	171768.	5.000 UG/ML	2.41
7	112	889	7:25	1	0.689	A BB	1112660.	20.875 UG/ML	10.07
8	99	1192	9:56	1	0.923	A BB	1002280.	14.005 UG/ML	6.75
9	94	1195	9:58	1	0.926	A BB	7619.	0.161 UG/ML	0.08
10	128	1220	10:10	1	0.945	A BB	37.	0.001 UG/ML	0.00
11	NOT FOUND								
12	NOT FOUND								
13	82	1491	12:26	2	0.855	A BB	2325200.	28.778 UG/ML	13.88
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	128	1751	14:36	2	1.004	A BB	2204.	0.013 UG/ML	0.01
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	172	2165	18:03	3	0.900	A BB	2594910.	24.438 UG/ML	11.78
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	178	2984	24:52	4	1.003	A BB	43.	0.000 UG/ML	0.00
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	212	3532	29:26	5	0.880	A BB	3681980.	44.897 UG/ML	21.65
39	NOT FOUND								
40	244	3625	30:13	5	0.903	A BB	2608660.	44.217 UG/ML	21.32
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	276	4882	40:41	6	1.076	A BB	28.	0.002 UG/ML	0.00
48	NOT FOUND								
49	NOT FOUND								

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	20.88	20.00	1.221	1.170	1.04
8	9:58	1.00	0.925	1.00	14.01	20.00	1.222	1.745	0.70
9	10:01	1.00	0.929	1.00	0.16	20.00	0.016	1.972	0.01
10	10:12	1.00	0.946	1.00	0.00	20.00	0.000	1.329	0.00
11	11:42		1.085						
12	12:11		1.130						
13	12:26	1.00	0.854	1.00	28.78	20.00	0.544	0.378	1.44
14	13:27		0.924						
15	13:46		0.946						
16	14:13		0.977						
17	14:38	1.00	1.005	1.00	0.01	20.00	0.001	1.077	0.00
18	16:33		1.136						
19	16:49		1.155						
20	17:06		1.175						
21	17:46		0.885						
22	17:51		0.890						
23	18:03	1.00	0.900	1.00	24.44	20.00	1.492	1.221	1.22
24	18:19		0.913						
25	19:36		0.977						
26	20:11		1.006						
27	20:26		1.018						
28	20:45		1.034						
29	20:46		1.035						
30	21:51		1.089						
31	22:37		1.127						
32	22:09		0.892						
33	24:17		0.979						
34	24:55	1.00	1.004	1.00	0.00	20.00	0.000	1.257	0.00
35	25:04		1.010						
36	25:41		1.035						
37	28:47		1.160						
38	29:26	1.00	0.879	1.00	44.90	20.00	3.258	1.451	2.24
39	29:30		0.881						
40	30:12	1.00	0.902	1.00	44.22	20.00	2.106	0.953	2.21
41	30:36		0.914						
42	33:28		0.999						
43	33:35		1.003						
44	36:46		0.972						
45	36:52		0.975						
46	37:41		0.996						
47	40:45	1.00	1.078	1.00	0.00	20.00	0.000	0.979	0.00
48	40:52		1.080						
49	41:33		1.099						

Quantitation Report File: WBW1093D

Data: WBW1093D.TI
04/26/91 15:15:00
Sample: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/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	217186	5.000 UG/ML	2.79
2	136	1744	14:32	2	1.000	A BB	845126	5.000 UG/ML	2.79
3	164	2406	20:03	3	1.000	A BB	418435	5.000 UG/ML	2.79
4	188	2976	24:48	4	1.000	A BB	546197	5.000 UG/ML	2.79
5	240	4015	33:28	5	1.000	A BB	217909	5.000 UG/ML	2.79
6	264	4536	37:48	6	1.000	A BB	171768	5.000 UG/ML	2.79
7	112	889	7:25	1	0.689	A BB	1112660.	19.960 UG/ML	11.13
8	99	1192	9:56	1	0.923	A BB	1002280	14.375 UG/ML	8.01
9	94	1195	9:58	1	0.926	A BB	7619	0.136 UG/ML	0.08
~~10~~	~~128~~	~~1220~~	~~10:10~~	~~1~~	~~0.945~~	~~A BB~~	~~37.~~	~~0.001 UG/ML~~	~~0.00~~
11	NOT FOUND								
12	NOT FOUND								
13	82	1491	12:26	2	0.855	A BB	2325200.	25.035 UG/ML	13.95
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	128	1751	14:36	2	1.004	A BB	2204.	0.012 UG/ML	0.01
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	172	2165	18:03	3	0.900	A BB	2594910.	23.178 UG/ML	12.92
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
~~34~~	~~178~~	~~2984~~	~~24:52~~	~~4~~	~~1.003~~	~~A BB~~	~~43~~	~~0.000 UG/ML~~	~~0.00~~
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	212	3532	29:26	5	0.880	A BB	3681980.	33.167 UG/ML	18.49
39	NOT FOUND								
40	244	3625	30:13	5	0.903	A BB	2608660.	33.537 UG/ML	18.69
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
~~47~~	~~276~~	~~4882~~	~~40:41~~	~~6~~	~~1.076~~	~~A BB~~	~~28.~~	~~0.002 UG/ML~~	~~0.00~~
48	NOT FOUND								
49	NOT FOUND								

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	19.96	4.00	5.497	1.102	4.99
8	9:55	1.00	0.922	1.00	14.38	4.00	5.505	1.532	3.59
9	9:58	1.00	0.926	1.00	0.14	4.00	0.058	1.726	0.03
10	10:10	1.00	0.945	1.00	0.00	4.00	0.000	1.238	0.00
11	11:40		1.084						
12	12:08		1.128						
13	12:24	1.00	0.853	1.00	25.04	4.00	1.915	0.306	6.26
14	13:25		0.923						
15	13:44		0.944						
16	14:11		0.975						
17	14:36	1.00	1.004	1.00	0.01	4.00	0.003	1.130	0.00
18	16:31		1.136						
19	16:47		1.155						
20	17:05		1.175						
21	17:45		0.885						
22	17:50		0.889						
23	18:02	1.00	0.899	1.00	23.18	4.00	6.426	1.109	5.79
24	18:18		0.912						
25	19:35		0.977						
26	20:10		1.005						
27	20:24		1.017						
28	20:43		1.033						
29	20:44		1.034						
30	21:50		1.089						
31	22:36		1.127						
32	22:07		0.891						
33	24:16		0.978						
34	24:53	1.00	1.003	1.00	0.00	4.00	0.000	1.150	0.00
35	25:03		1.010						
36	25:39		1.034						
37	28:45		1.159						
38	29:24	1.00	0.879	1.00	33.17	4.00	10.083	1.216	8.29
39	29:27		0.880						
40	30:10	1.00	0.902	1.00	33.54	4.00	6.513	0.777	8.38
41	30:34		0.914						
42	33:25		0.999						
43	33:32		1.002						
44	36:43		0.972						
45	36:48		0.974						
46	37:38		0.996						
47	40:41	1.00	1.077	1.00	0.00	4.00	0.000	0.682	0.00
48	40:47		1.079						
49	41:28		1.097						

PROCEDURE: TCA DIAGNOSTIC REPORT 4/25/91 15:58:59
DATA FILE: WBW1093D
REFERENCE: BNA11
NAME LIST: LLBNA INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: LLBNAX

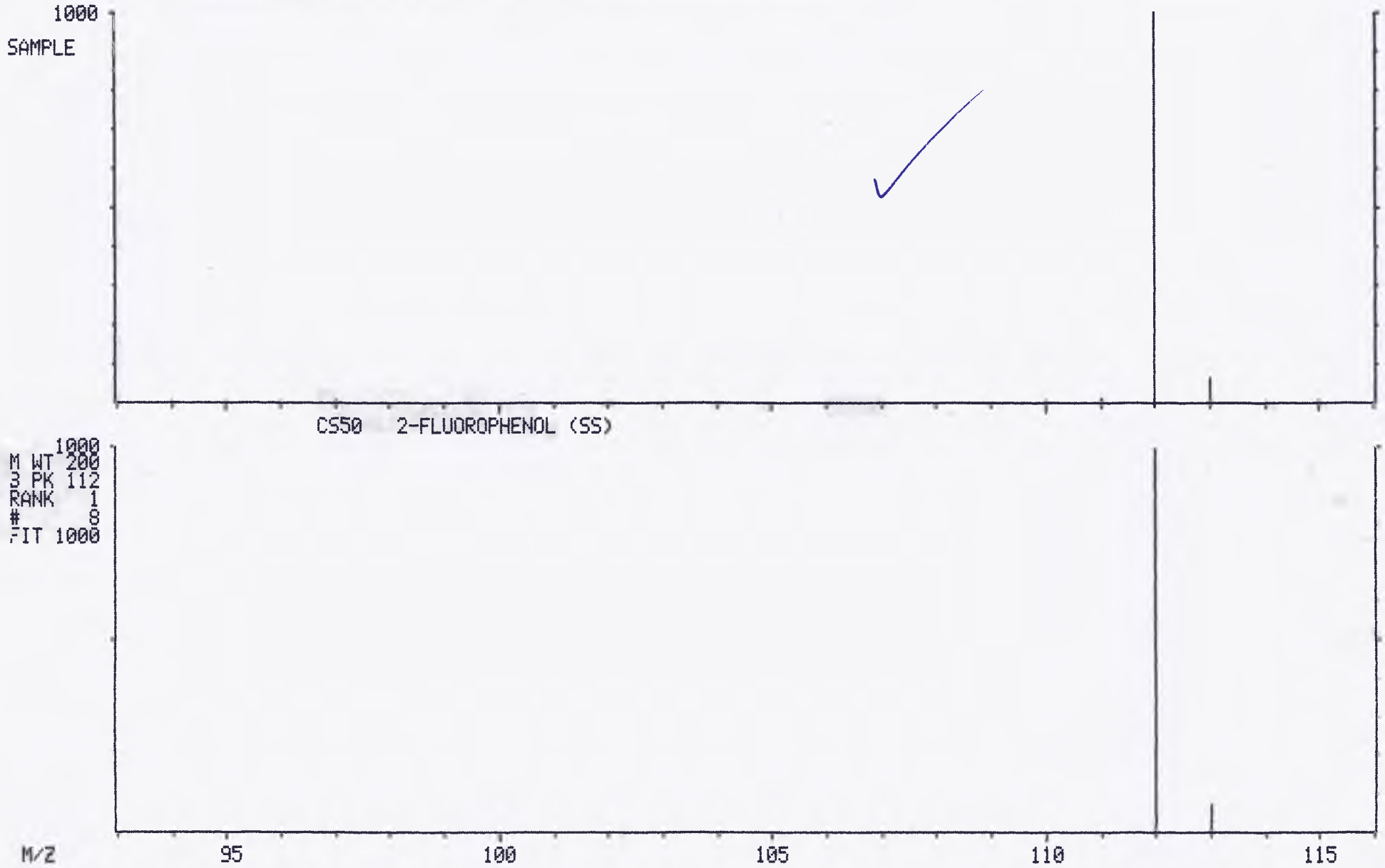
< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
6	6	2	27	12	9	2	92	LLBNAX/LLBNA1
1	1	1	0	9	4	1	108	LLBNAX2/LLBNA2
1	1	1	0	6	2	1	0	LLBNAX3/LLBNA3
1	1	1	0	7	1	1	0	LLBNAX3/LLBNA4
1	1	1	0	7	1	1	0	LLBNAX4/LLBNA5
1	1	1	0	7	3	1	59	LLBNAX5/LLBNA6
1	1	1	0	7	1	1	0	LLBNAX6/LLBNA7

49 COMPOUNDS PROCESSED, 15 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	LL	1	-1291	1291	1291	.	1	946	.	152	1291	.	1
2	LL	2	-1744	1744	1744	.	1	995	.	136	1744	.	1
3	LL	3	-2406	2406	2406	.	1	980	.	164	2406	.	1
4	LL	4	-2976	2976	2976	.	1	907	.	188	2976	.	1
5	LL	5	-4014	4015	4015	.	1	973	.	240	4015	.	1
6	LL	6	-4534	4535	4535	.	2	983	.	264	4536	1	1
7	LL	8	-887	888	889	1	2	995	.	112	889	.	1
8	LL	10	-1190	1191	1192	1	1	1000	.	99	1192	.	1
9	LL	11	-1195	1196	1195	-1	1	997	.	94	1195	.	1
10	LL	14	-1220	1221	.	.	.	.	.	128	1220	.	1
11	LL	20	-1399	1400	.	.	.	.	.	108	.	.	.
12	LL	24	-1456	1457	.	.	.	.	.	108	.	.	.
13	LL	25	-1487	1490	1491	1	1	994	.	82	1491	.	1
14	LL	28	-1610	1612	.	.	.	.	.	139	.	.	.
15	LL	29	-1647	1649	.	.	.	.	.	107	.	.	.
16	LL	31	-1701	1702	.	.	.	.	.	162	.	.	.
17	LL	34	-1751	1752	1751	-1	1	963	.	128	1751	.	1
18	LL	38	-1982	1981	.	.	.	.	.	107	.	.	.
19	LL	39	-2014	2012	2013	1	1	854	.	142	.	.	.
20	LL	40	-2049	2047	.	.	.	.	.	142	.	.	.
21	LL	42	-2129	2131	.	.	.	.	.	196	.	.	.
22	LL	43	-2139	2141	.	.	.	.	.	196	.	.	.
23	LL	44	-2163	2165	2165	.	1	997	.	172	2165	.	1
24	LL	45	-2195	2197	.	.	.	.	.	162	.	.	.
25	LL	48	-2350	2350	.	.	.	.	.	152	.	.	.
26	LL	51	-2419	2419	.	.	.	.	.	153	.	.	.
27	LL	52	-2448	2448	.	.	.	.	.	184	.	.	.
28	LL	54	-2486	2486	.	.	.	.	.	168	.	.	.
29	LL	55	-2488	2488	.	.	.	.	.	109	.	.	.
30	LL	58	-2619	2619	.	.	.	.	.	166	.	.	.
31	LL	63	-2711	2711	.	.	.	.	.	330	.	.	.
32	LL	64	-2653	2653	.	.	.	.	.	198	.	.	.
33	LL	68	-2911	2911	.	.	.	.	.	266	.	.	.
34	LL	69	-2985	2985	.	.	.	.	.	178	2984	.	1
35	LL	70	-3005	3005	.	.	.	.	.	178	.	.	.
36	LL	71	-3078	3078	.	.	.	.	.	167	.	.	.
37	LL	73	-3449	3449	.	.	.	.	.	202	.	.	.
38	LL	75	-3527	3532	3532	.	1	972	.	212	3532	.	1
39	LL	76	-3534	3539	.	.	.	.	.	202	.	.	.
40	LL	77	-3620	3625	3625	.	1	985	.	244	3625	.	1
41	LL	78	-3667	3671	.	.	.	.	.	219	.	.	.
42	LL	80	-4010	4011	.	.	.	.	.	228	.	.	.
43	LL	82	-4023	4024	.	.	.	.	.	228	.	.	.
44	LL	85	-4406	4407	.	.	.	.	.	252	.	.	.

46	LL	87	-4515	4516	.	.	.	.	.	252	.	.	.
47	LL	88	-4882	4883	.	.	.	.	.	276	4882	.	1
48	LL	90	-4894	4895	.	.	.	.	.	278	.	.	.
49	LL	91	-4976	4977	.	.	.	.	.	276	.	.	.

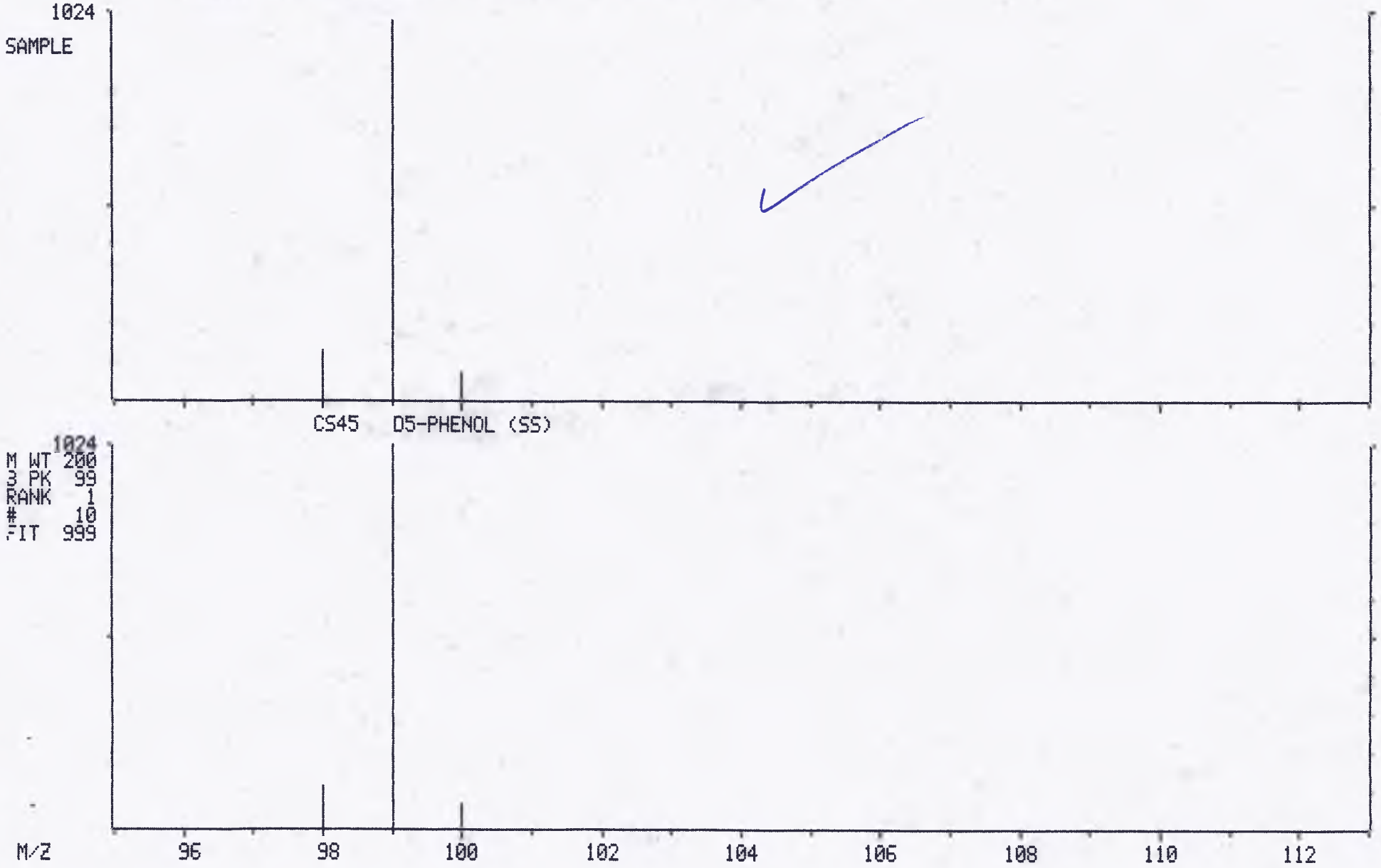
MID LIBRARY SEARCH DATA: WBW1093D # 889 BASE M/Z: 112
04/26/91 15:15:00 + 7:24 CALI: WBW1093D # 5 RIC: 318463.
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)



MID LIBRARY SEARCH
04/26/91 15:15:00 + 9:56
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #1192
CALI: WBW1093D # 5

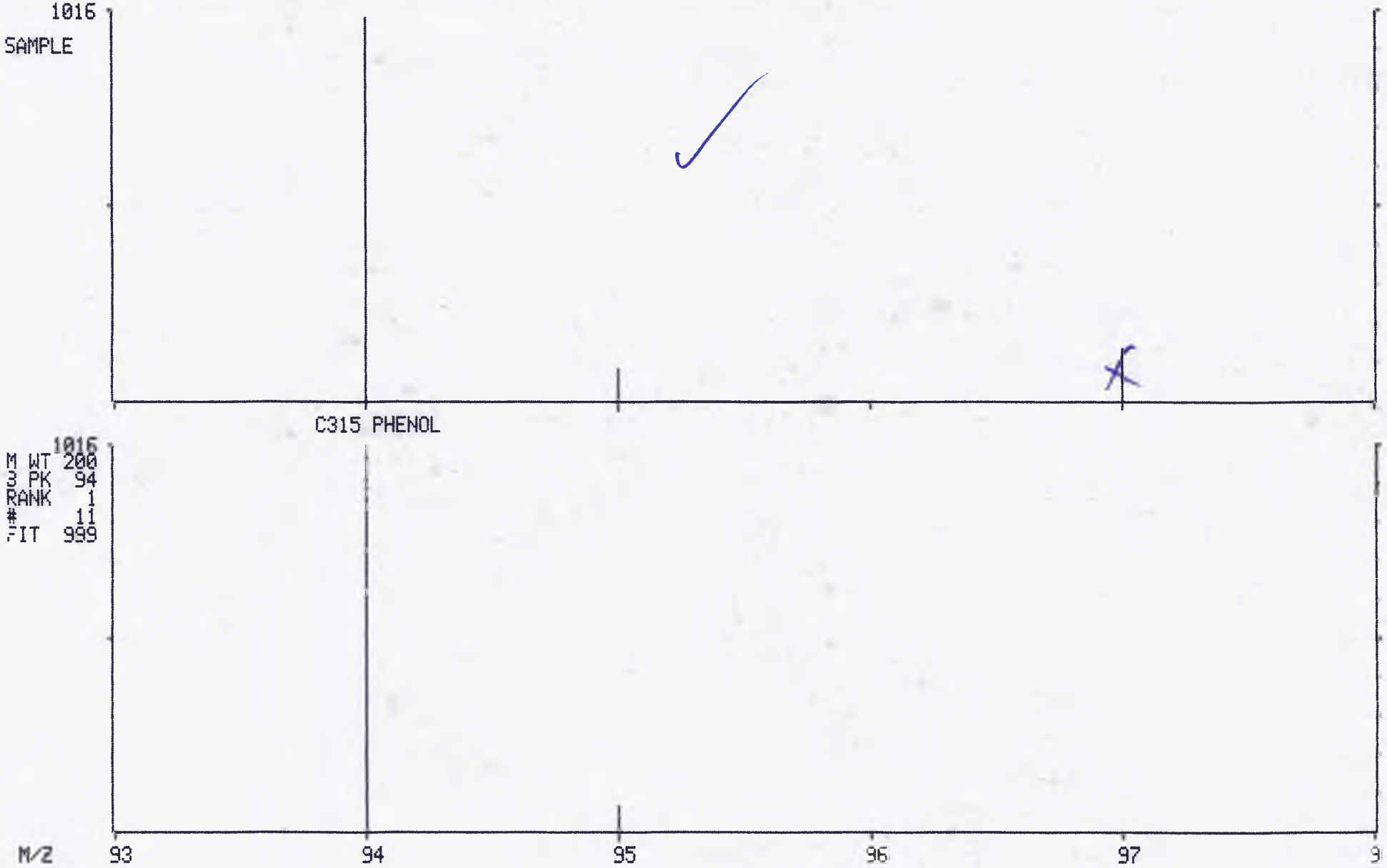
BASE M/Z: 99
RIC: 295423.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 9:57
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #1195
CALI: WBW1093D # 5

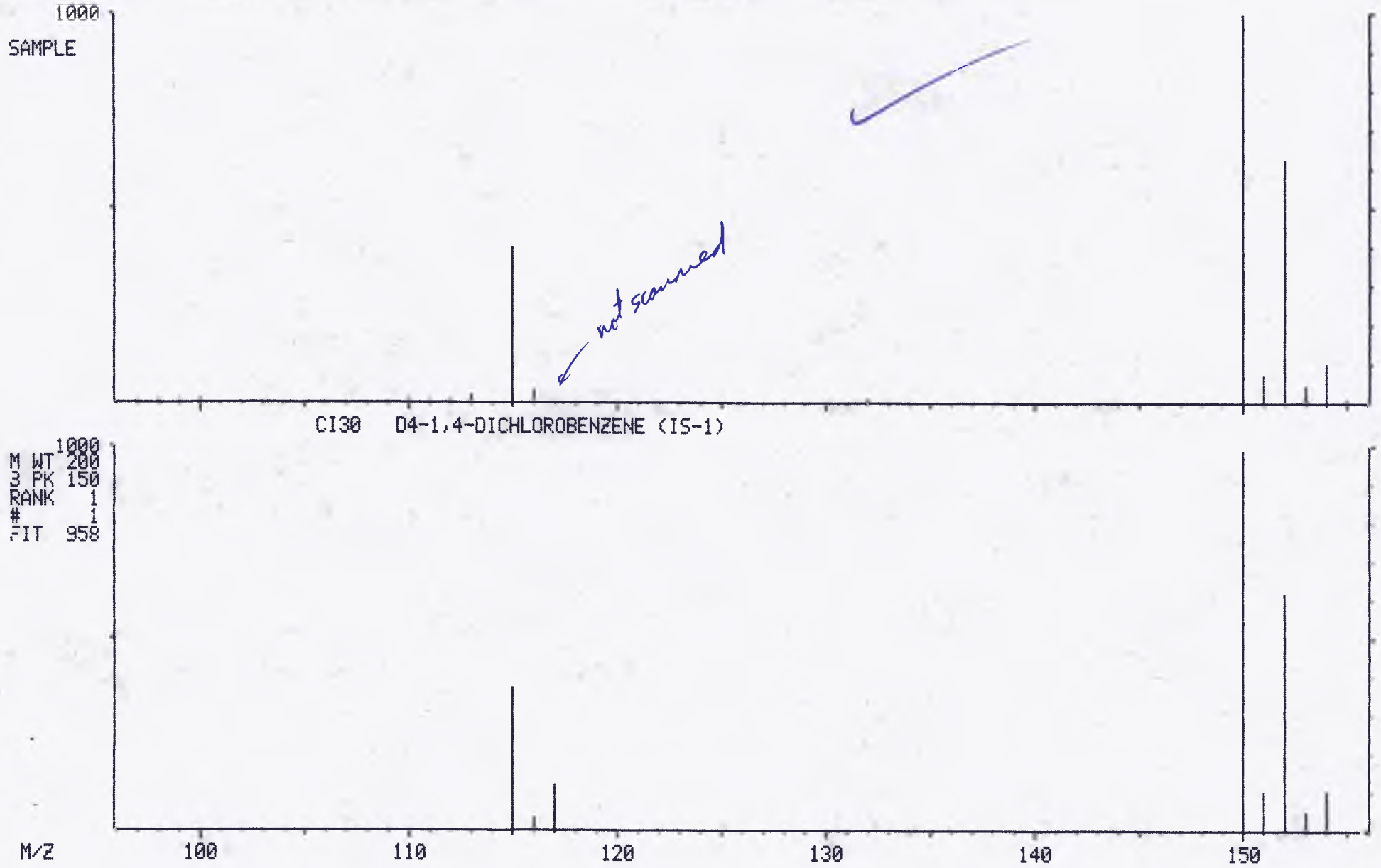
BASE M/Z: 94
RIC: 2607.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 10:45
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #1291
CALI: WBW1093D # 5

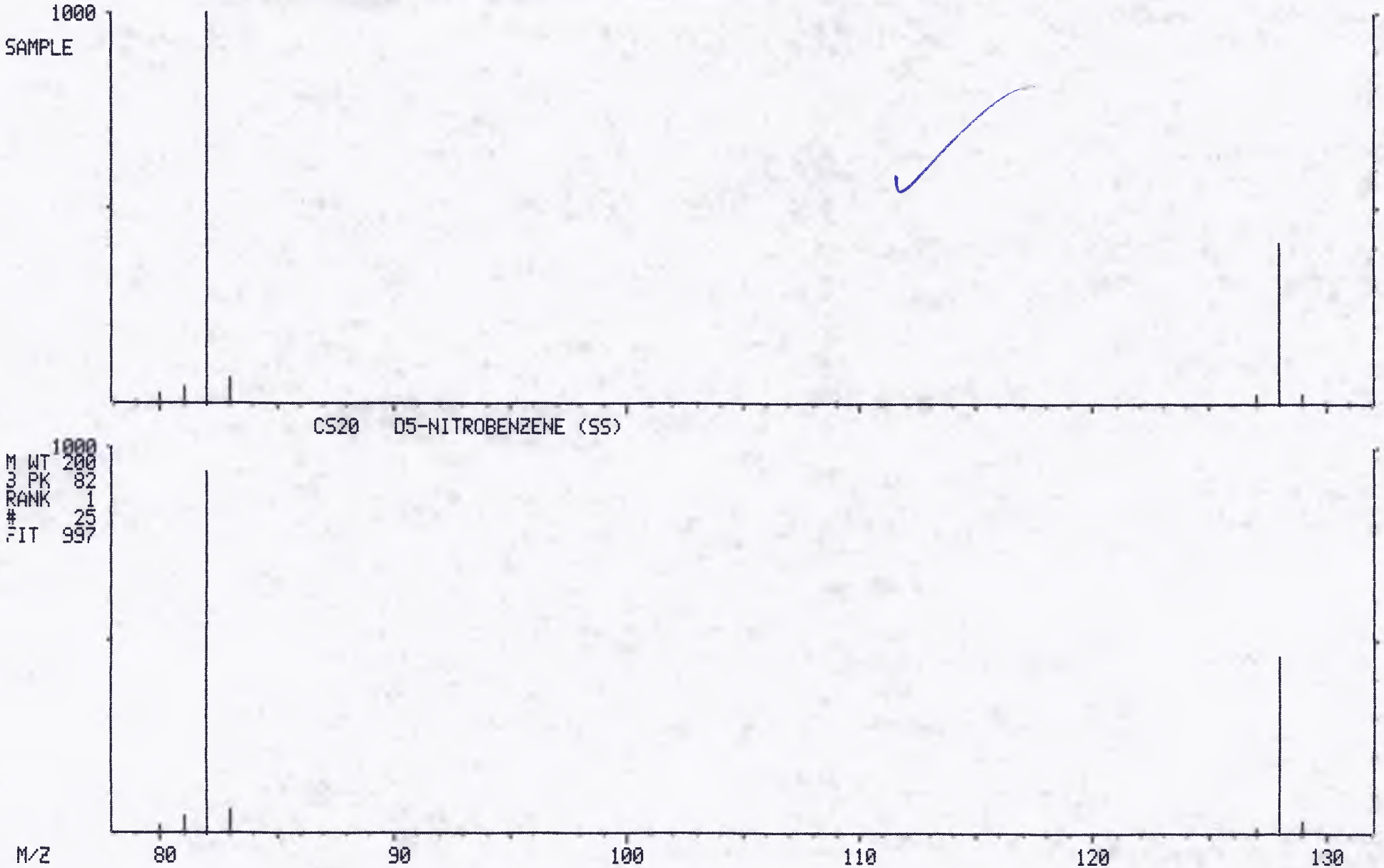
BASE M/Z: 150
RIC: 198911.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 12:25
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #1491
CALI: WBW1093D # 5

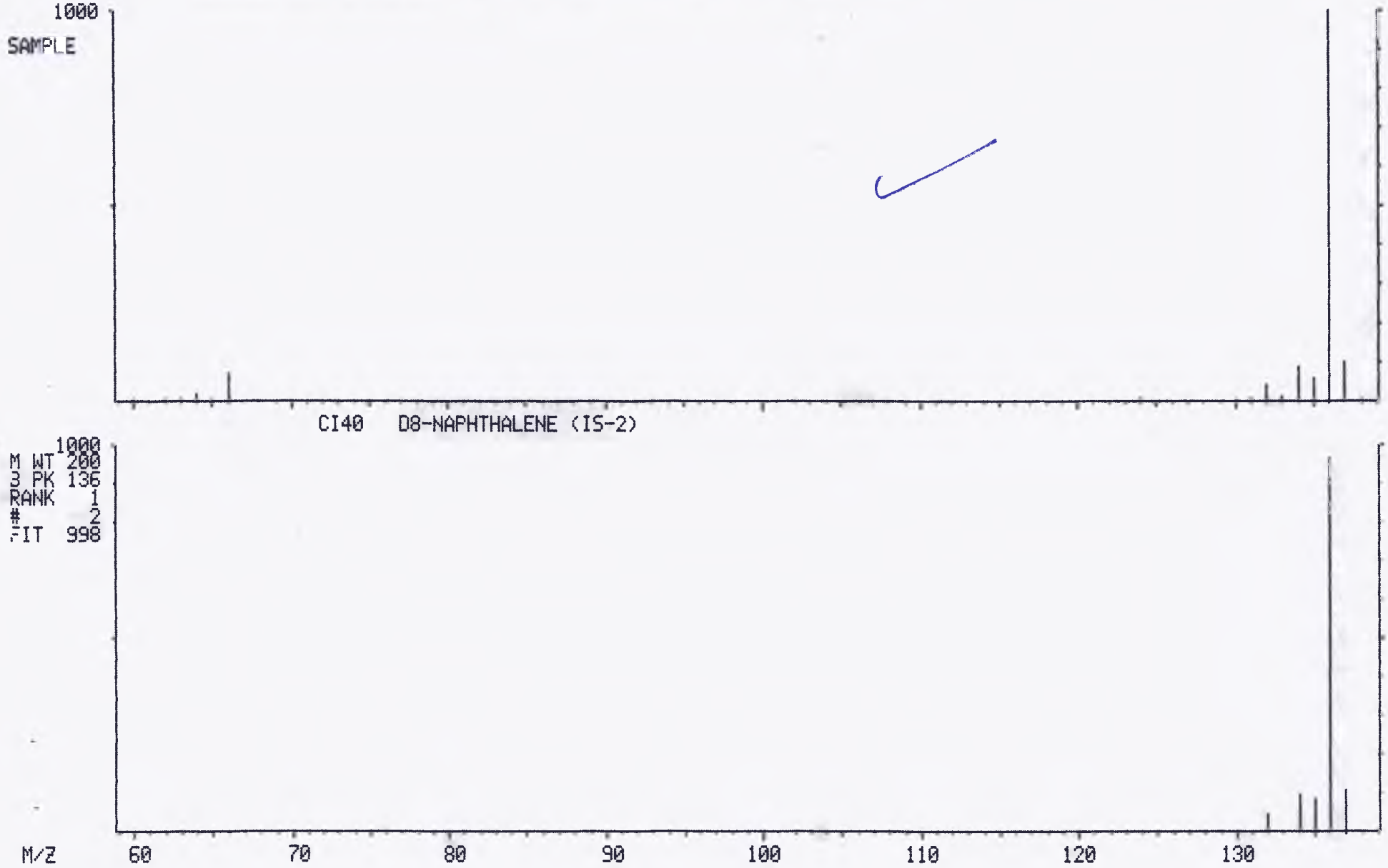
BASE M/Z: 82
RIC: 760831.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 14:32
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #1744
CALI: WBW1093D # 5

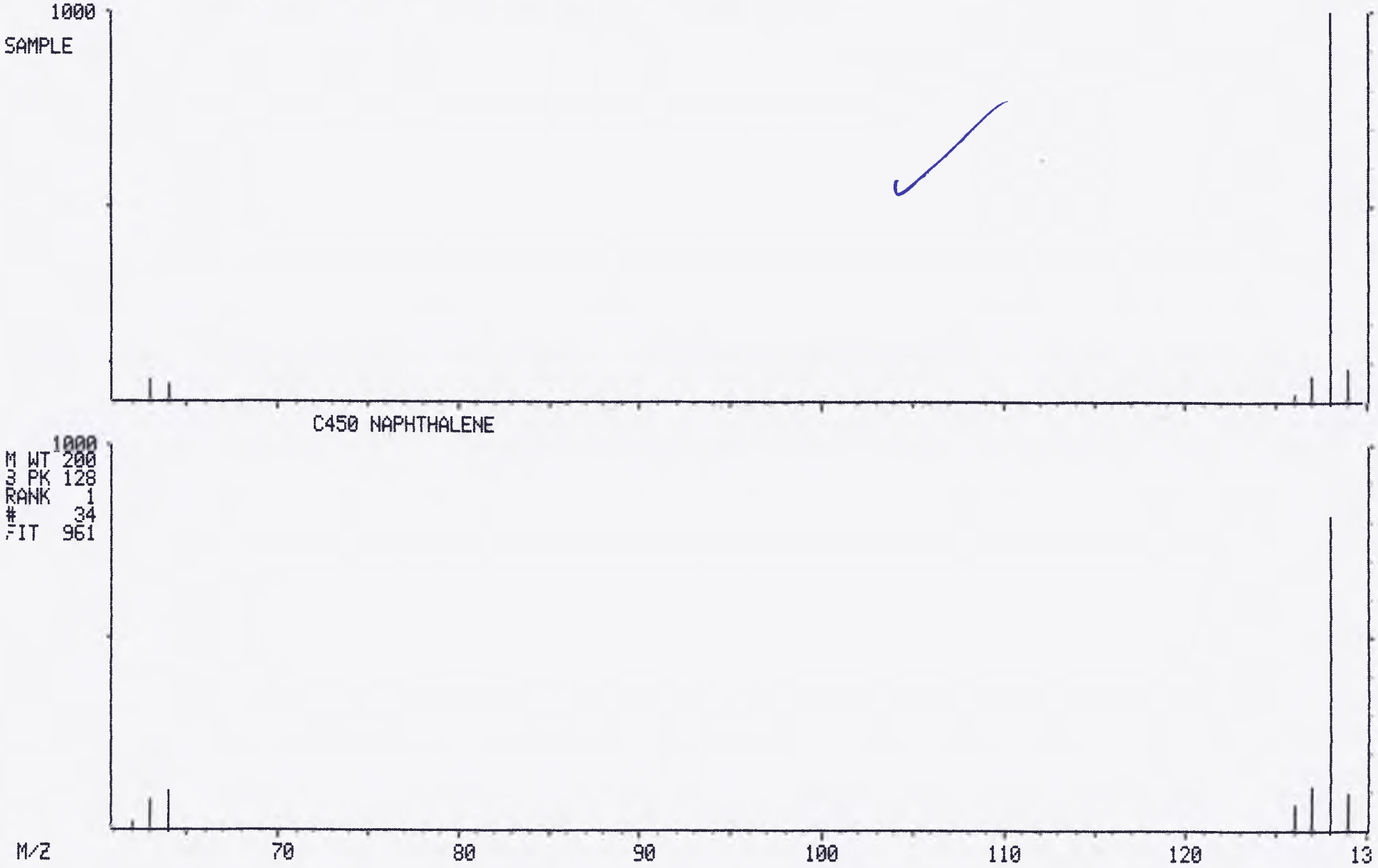
BASE M/Z: 136
RIC: 294911.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 14:35
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #1751
CALI: WBW1093D # 5

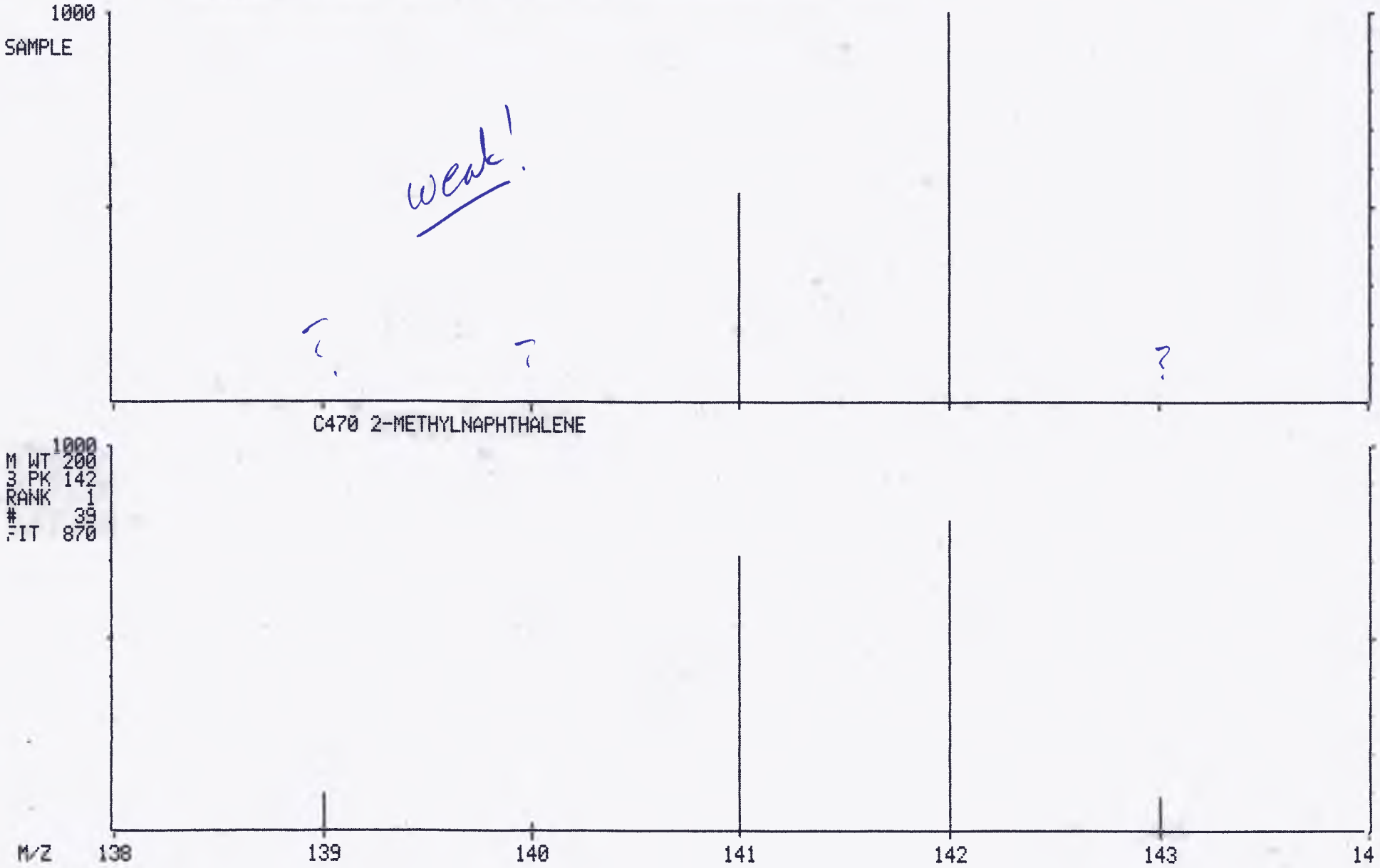
BASE M/Z: 128
RIC: 685.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 16:46
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #2013
CALI: WBW1093D # 5

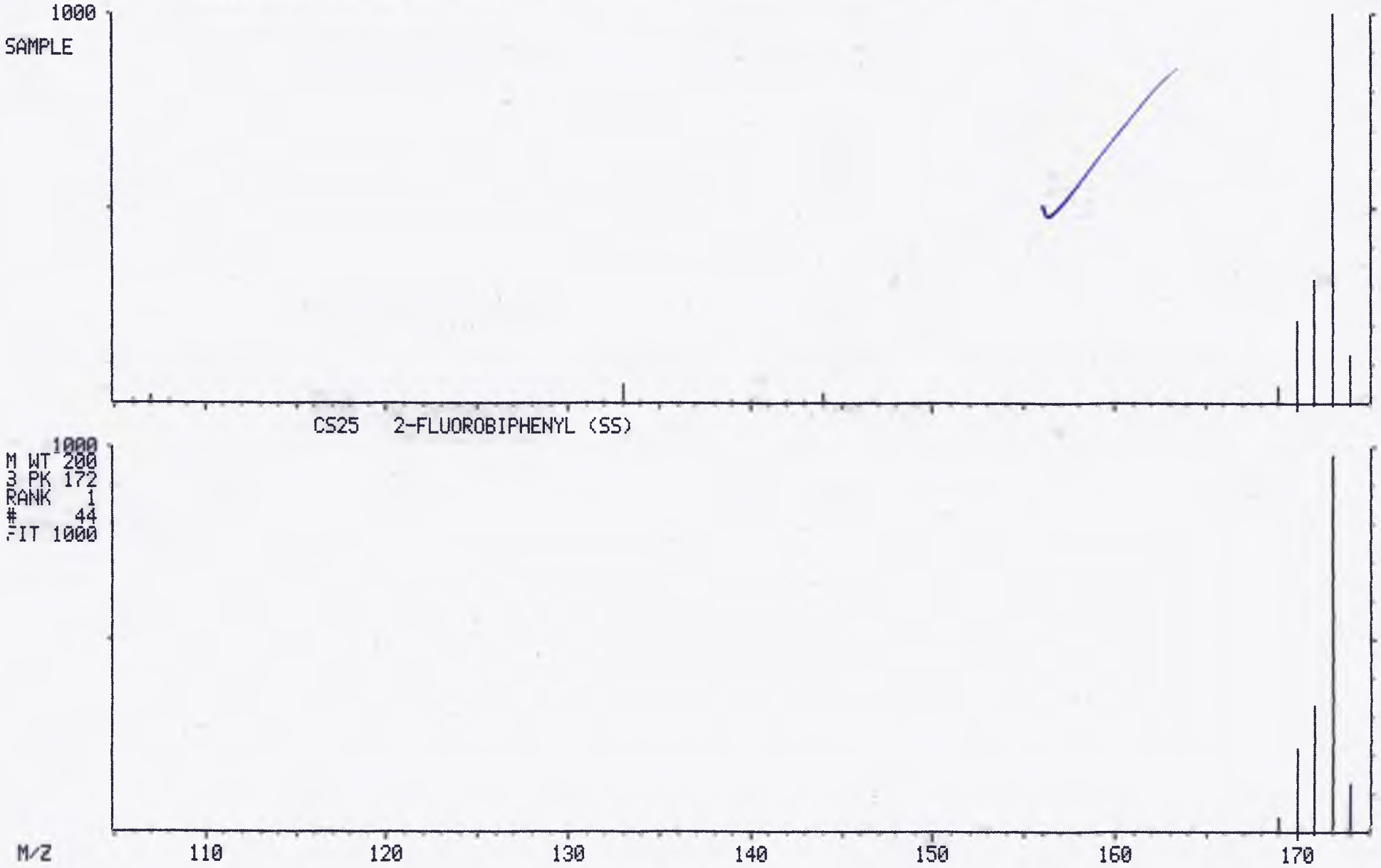
BASE M/Z: 142
RIC: 19.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 18:02
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #2165
CALI: WBW1093D # 5

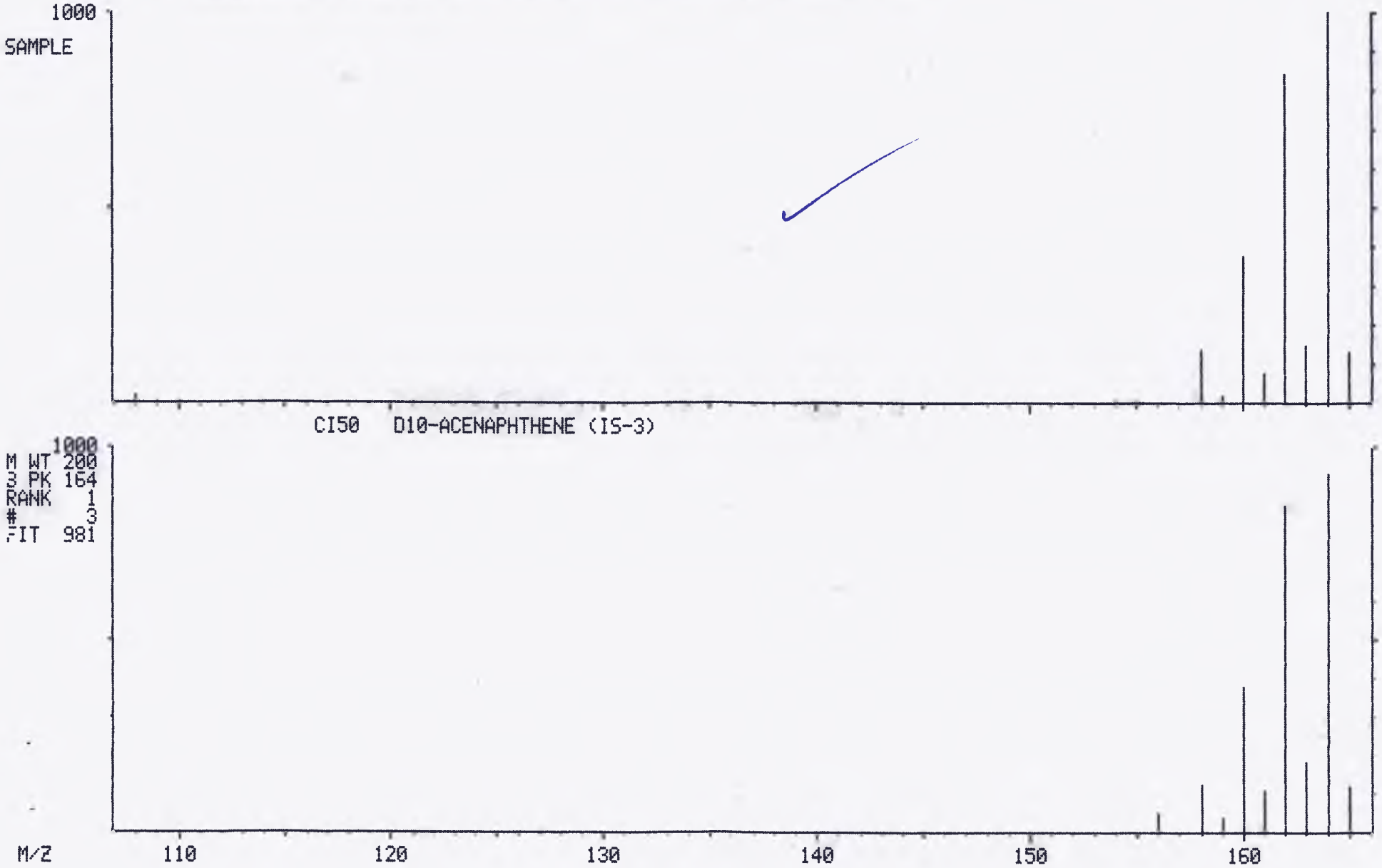
BASE M/Z: 172
RIC: 1021950.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 20:03
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #2406
CALI: WBW1093D # 5

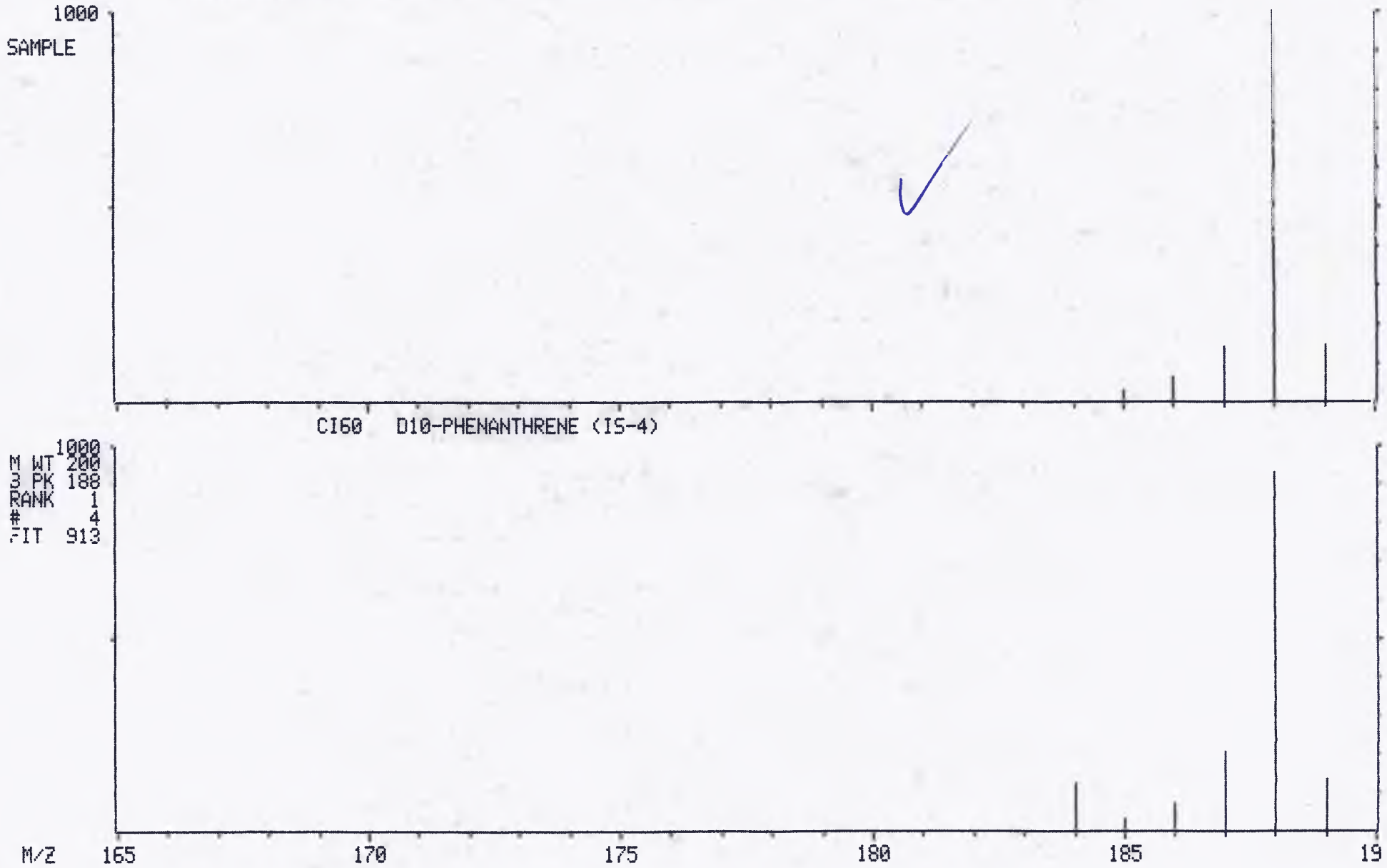
BASE M/Z: 164
RIC: 274431.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 24:48
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #2976
CALI: WBW1093D # 5

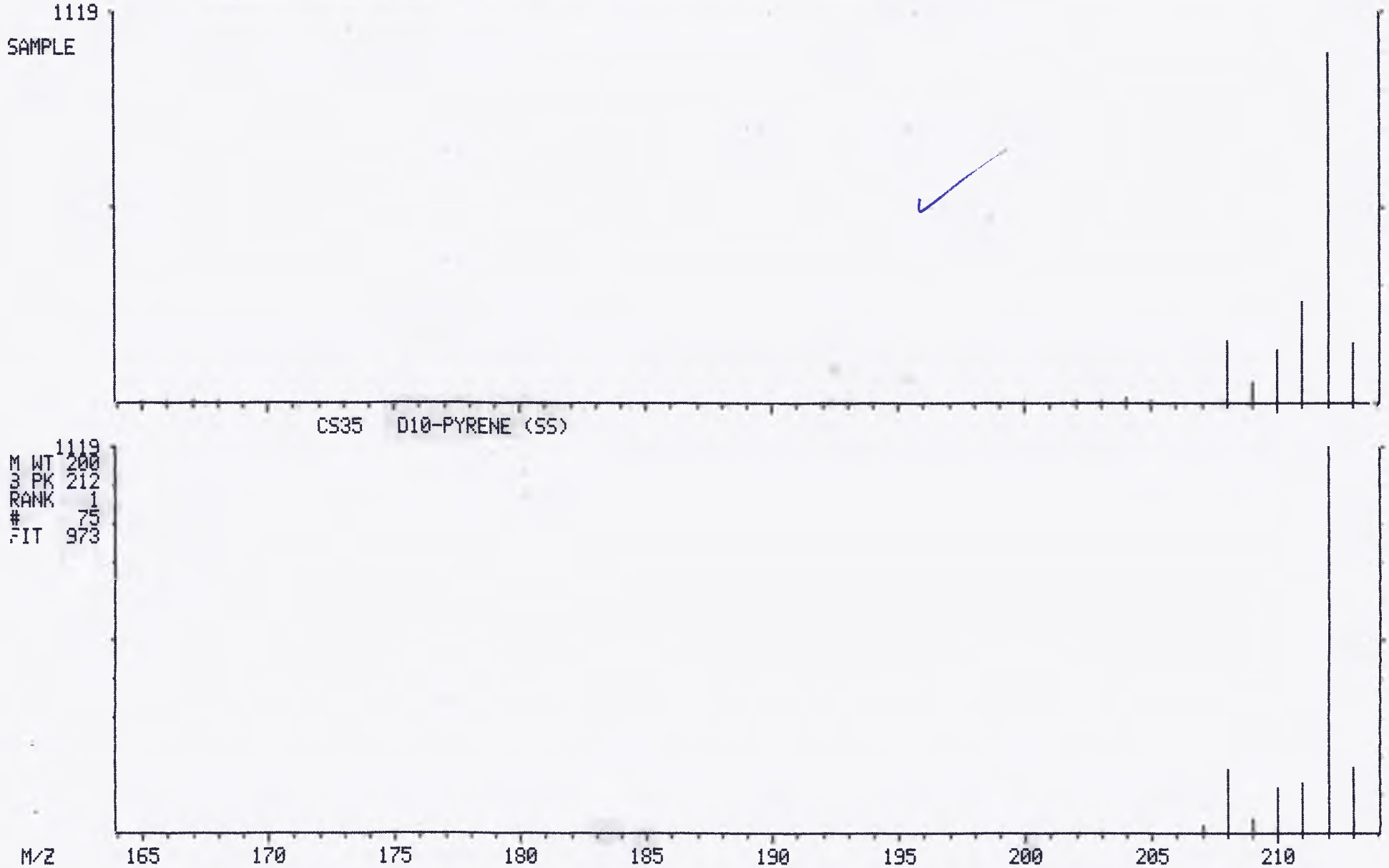
BASE M/Z: 188
RIC: 163839.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 29:26
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #3532
CALI: WBW1093D # 5

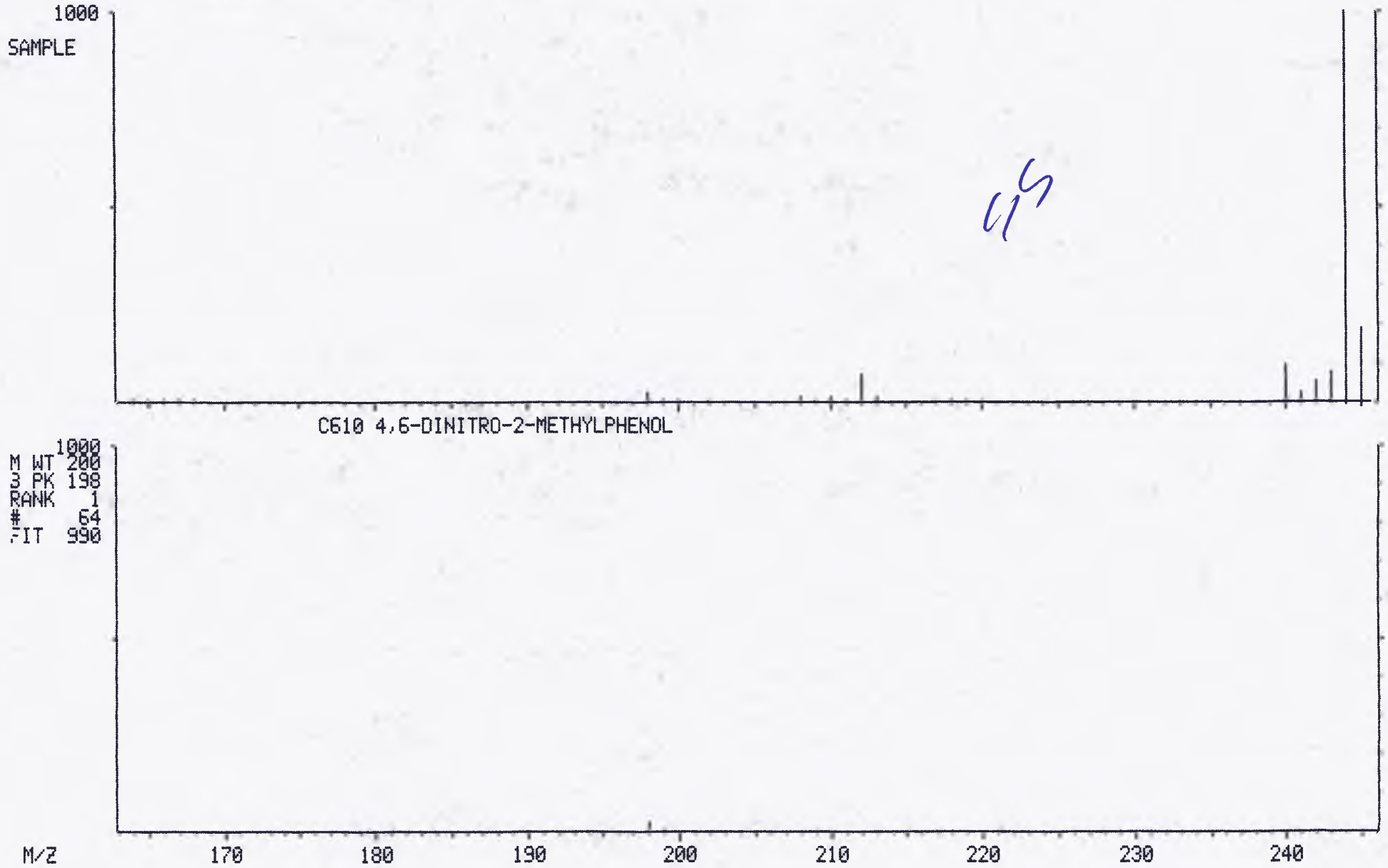
BASE M/Z: 212
RIC: 1019900.



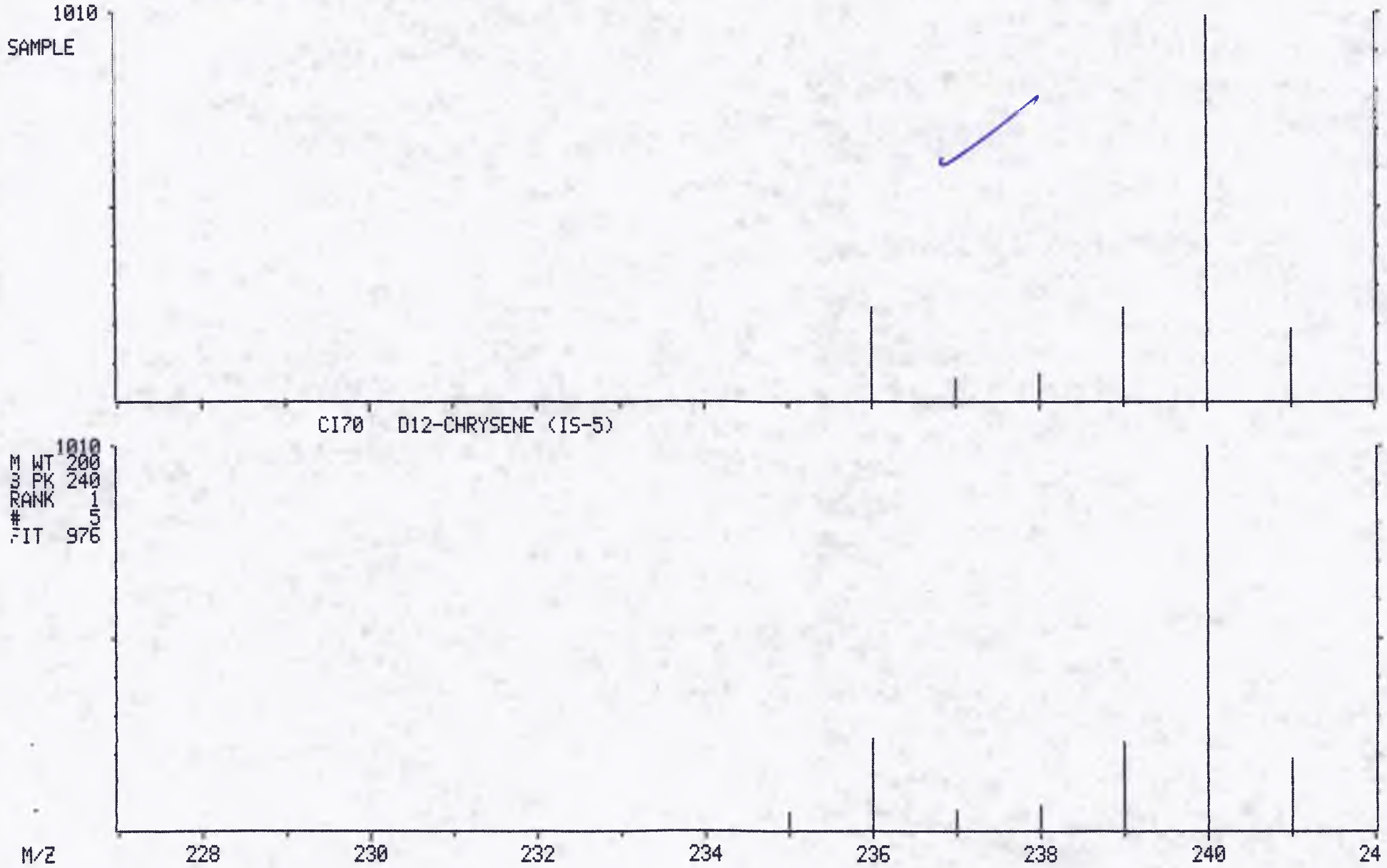
MID LIBRARY SEARCH
04/26/91 15:15:00 + 30:12
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #3625
CALI: WBW1093D # 5

BASE M/Z: 244
RIC: 753663.



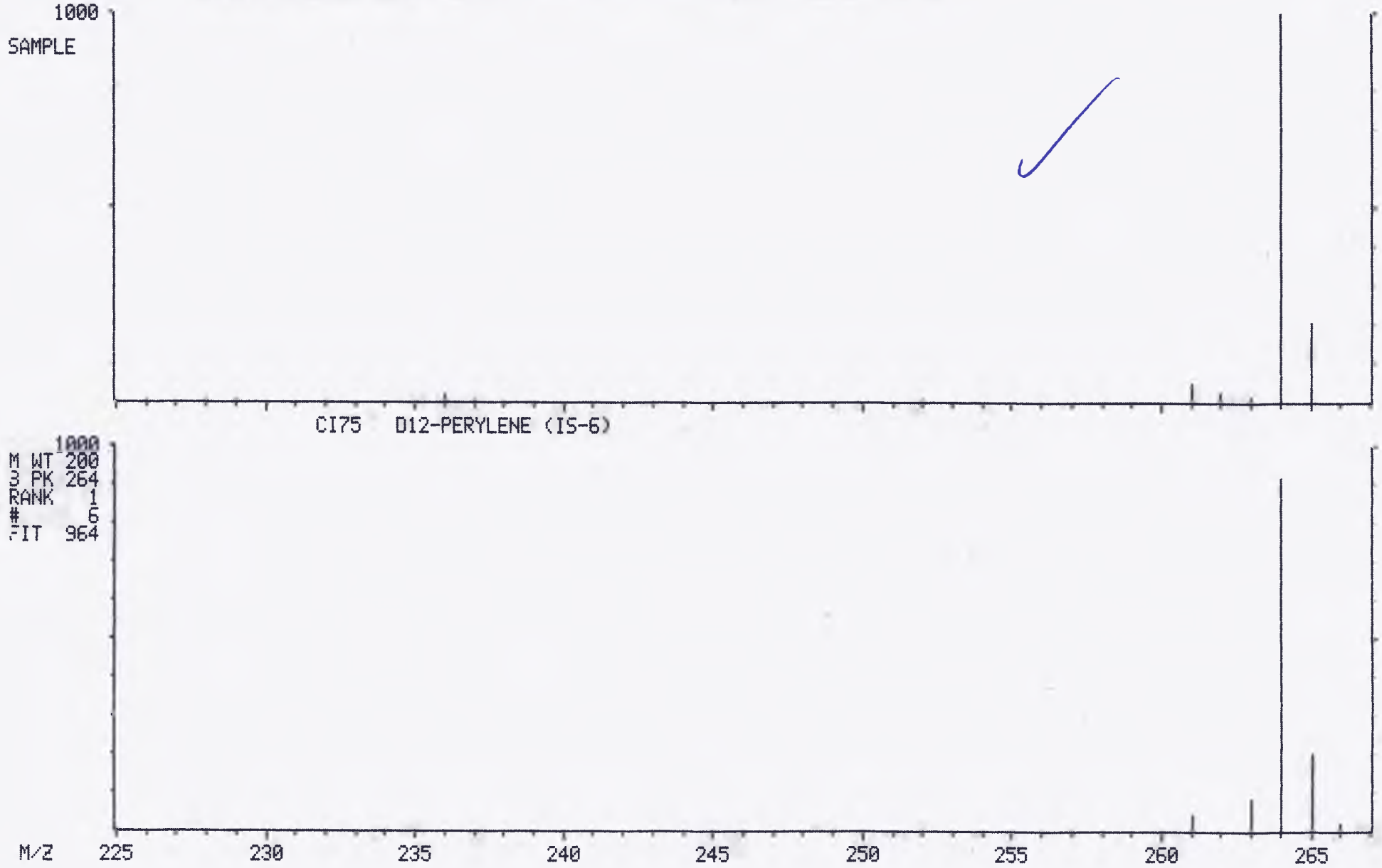
MID LIBRARY SEARCH DATA: WBW1093D #4015 BASE M/Z: 240
04/26/91 15:15:00 + 33:27 CALI: WBW1093D # 5 RIC: 77823.
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)



MID LIBRARY SEARCH
04/26/91 15:15:00 + 37:47
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #4535
CALI: WBW1093D # 5

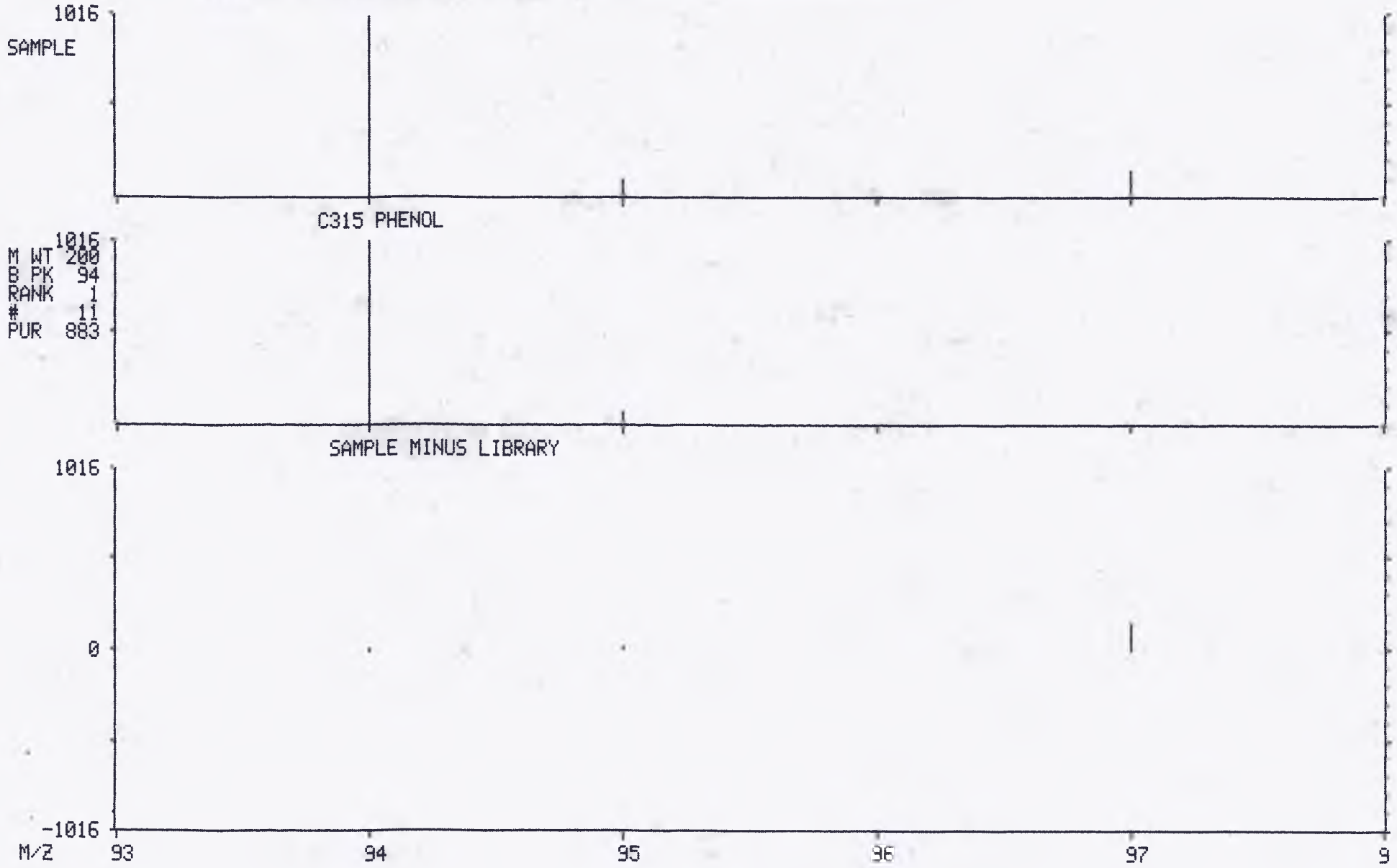
BASE M/Z: 264
RIC: 40511.



MID LIBRARY SEARCH
04/26/91 15:15:00 + 9:57
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #1195
CALI: WBW1093D # 5

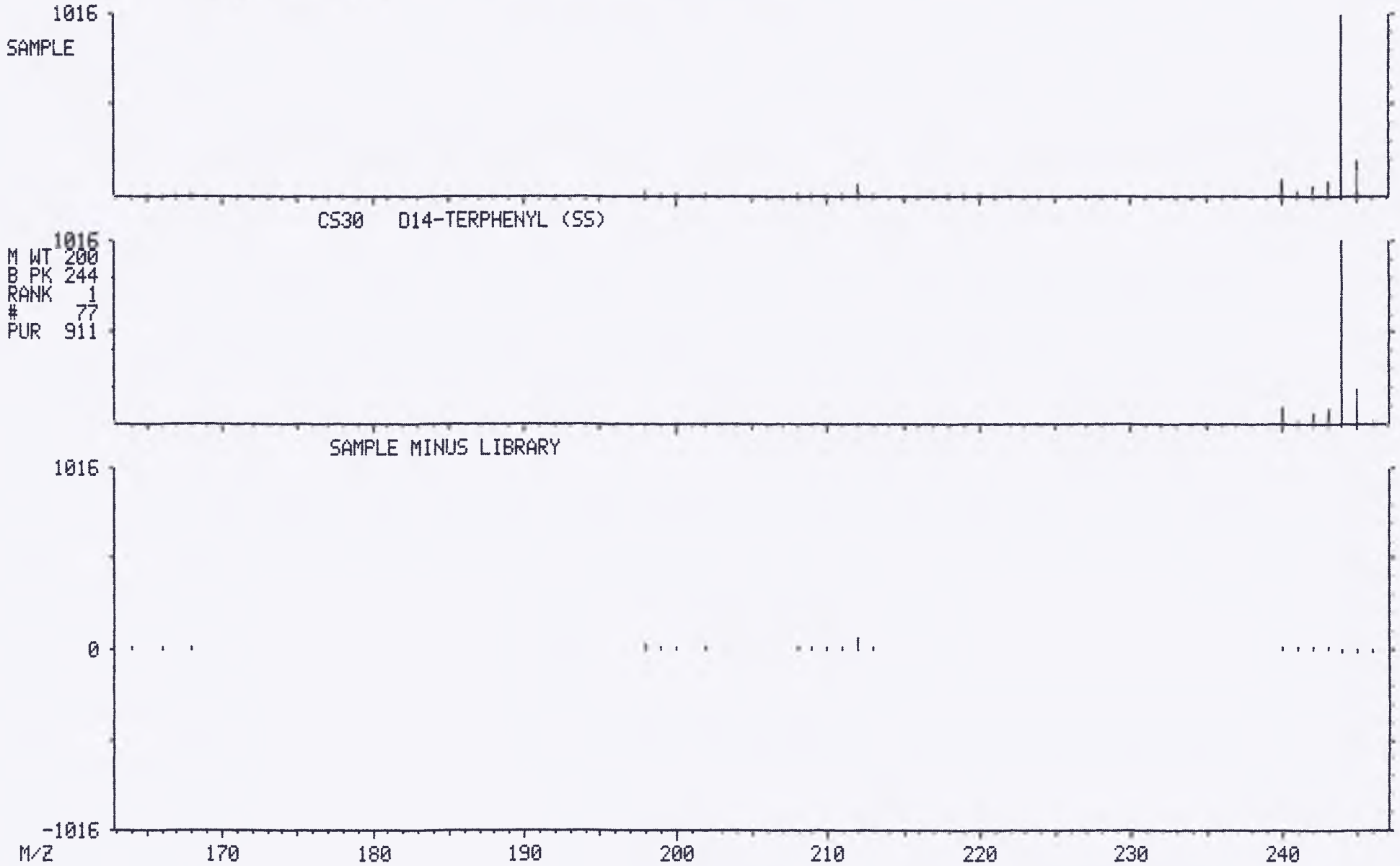
BASE M/Z: 94
RIC: 2607.



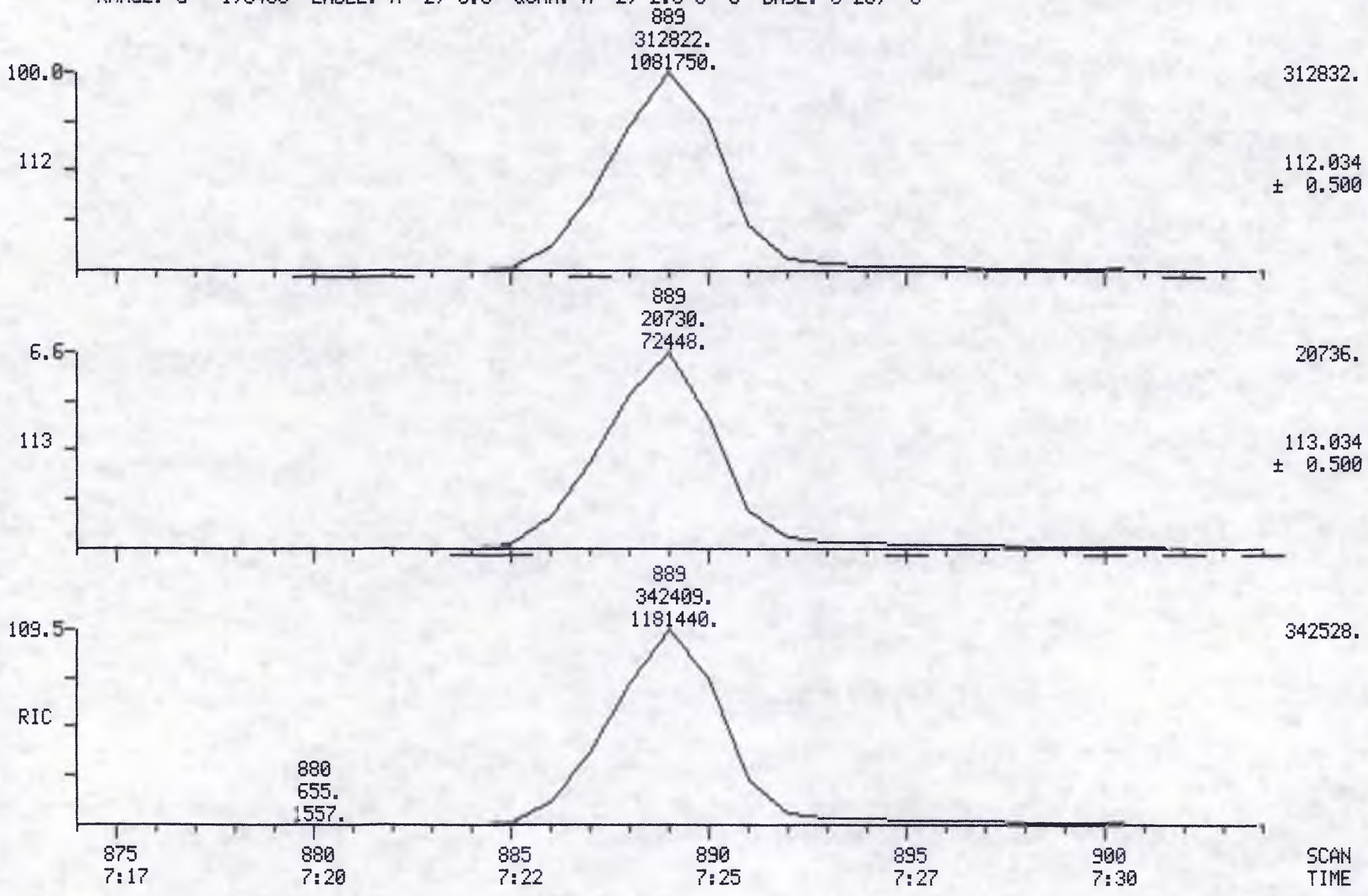
MID LIBRARY SEARCH
04/26/91 15:15:00 + 30:12
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: WBW1093D #3625
CALI: WBW1093D # 5

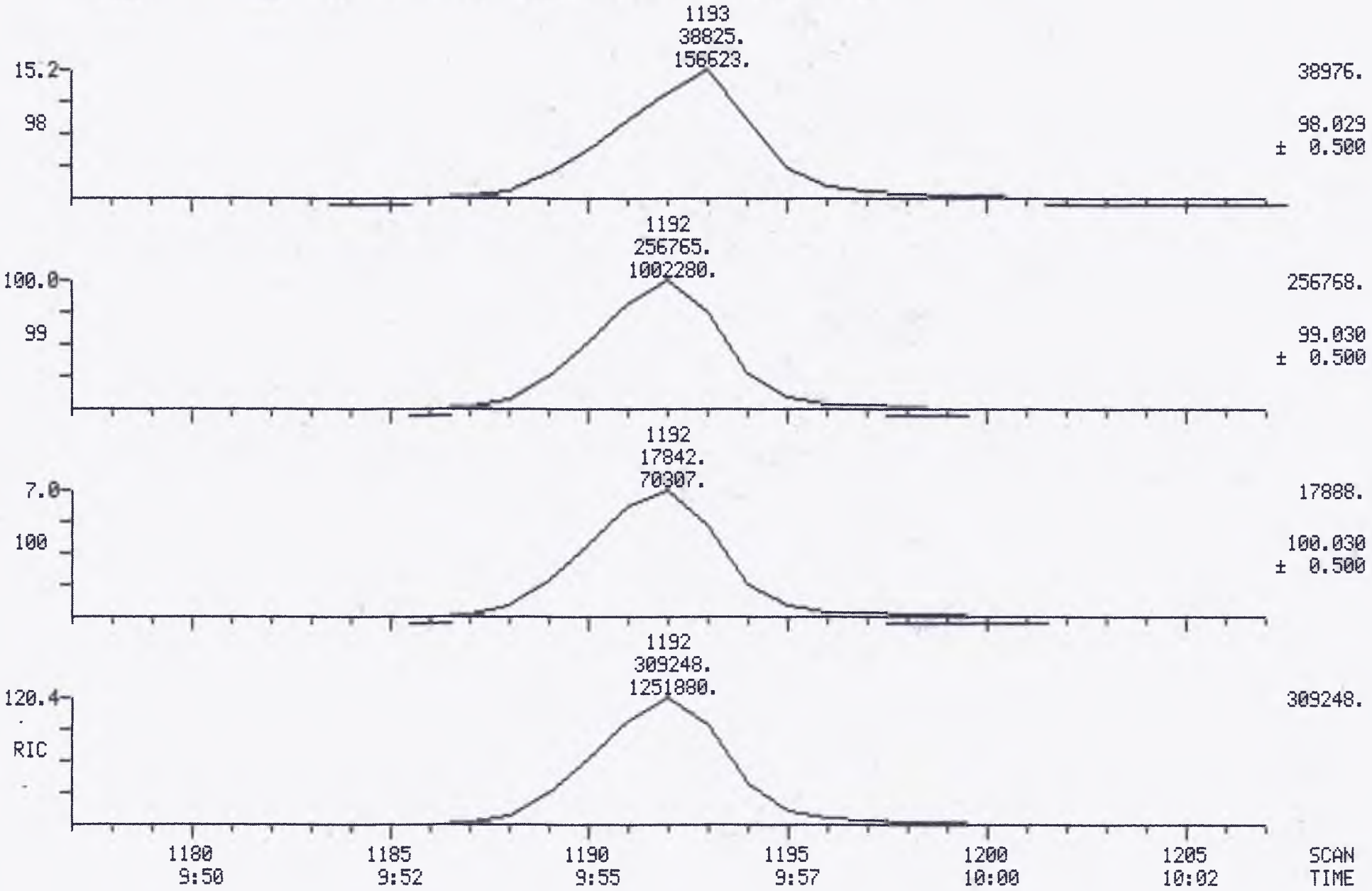
BASE M/Z: 244
RIC: 753663.



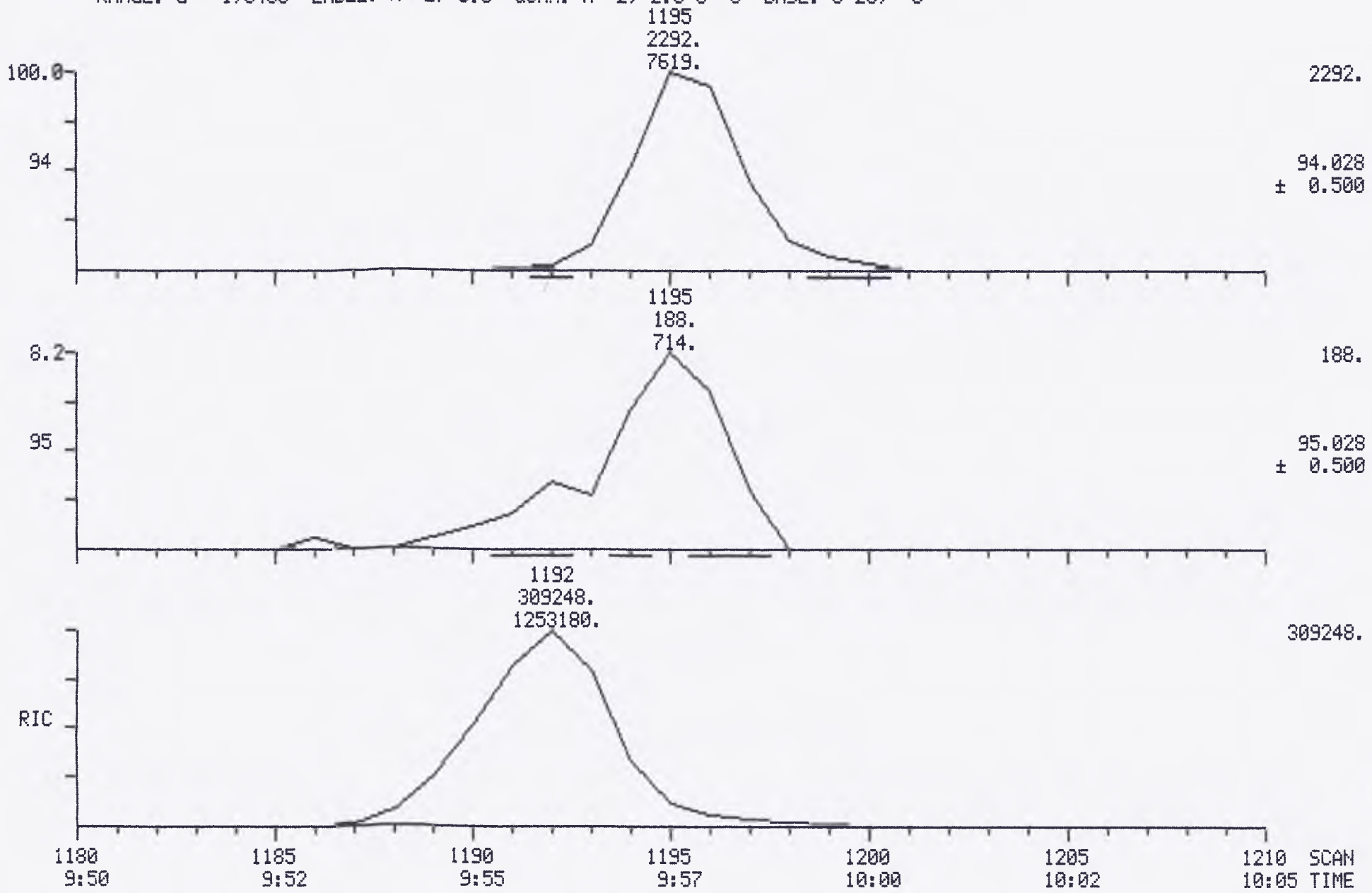
MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #889 SCANS 874 TO 904
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS50 2-FLUOROPHENOL (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



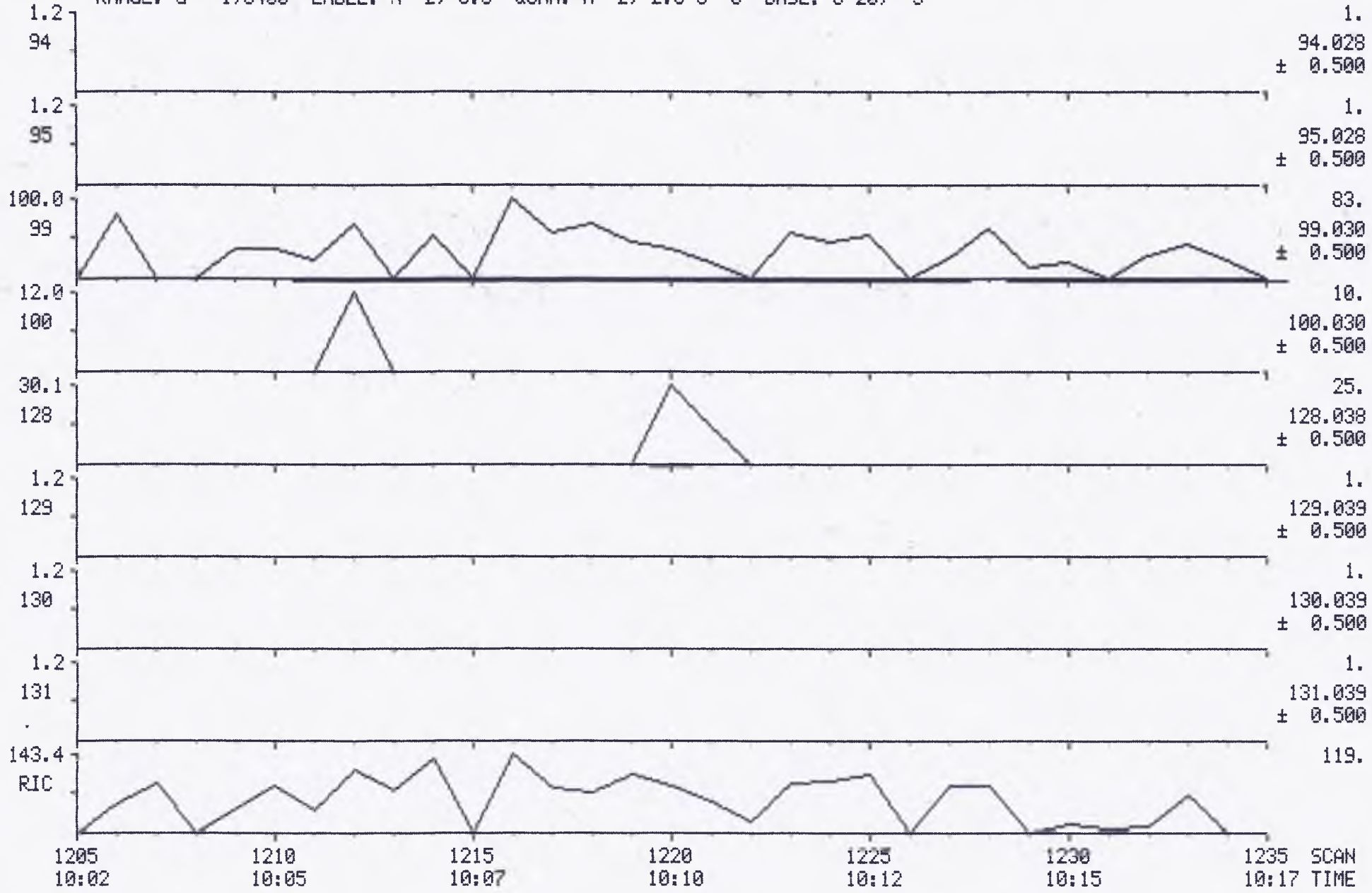
MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #1192 SCANS 1177 TO 1207
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS45 D5-PHENOL (SS)
RANGE: G 1.5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



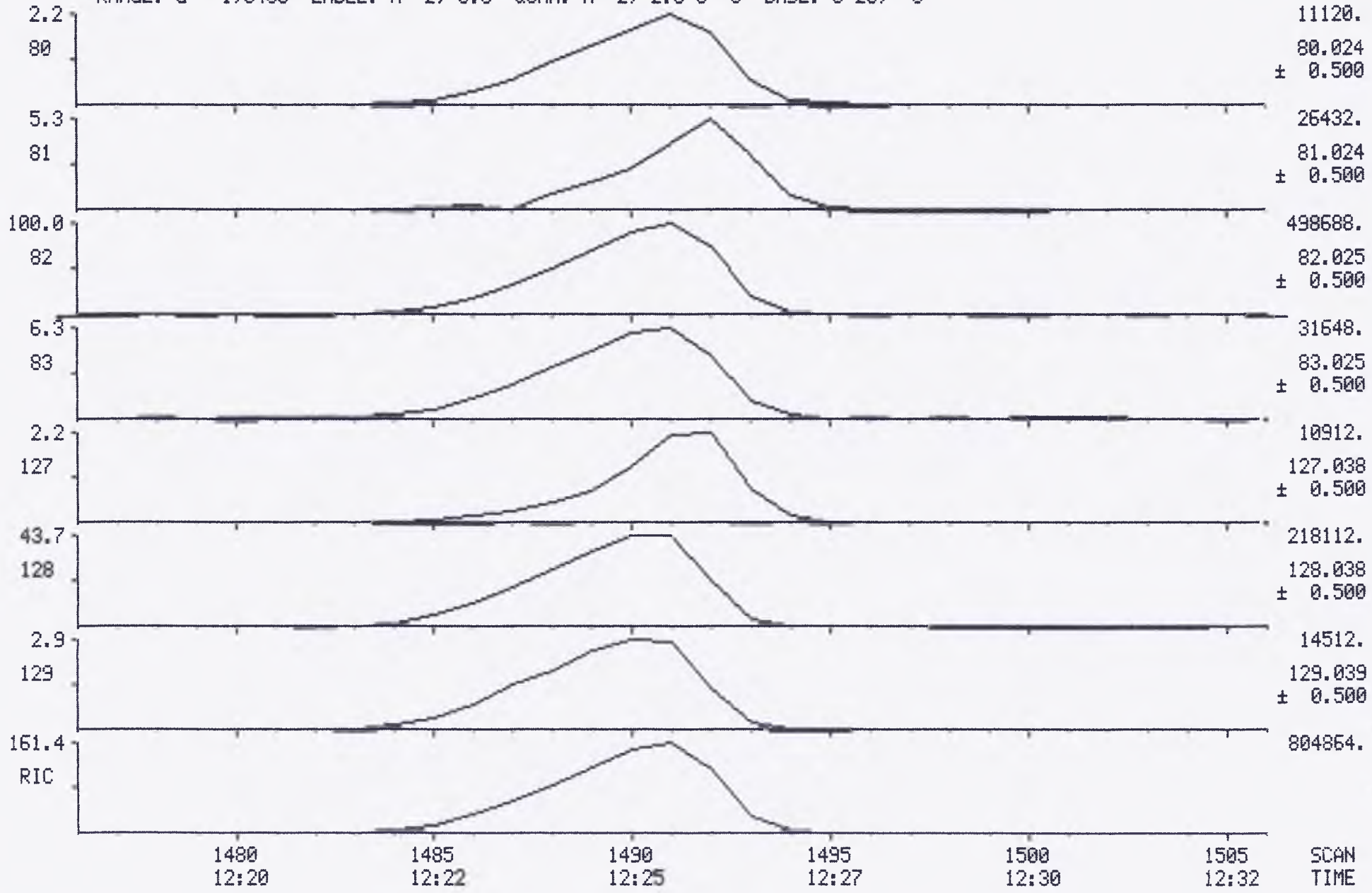
MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #1195 SCANS 1180 TO 1210
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C315 PHENOL
RANGE: G 1.5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



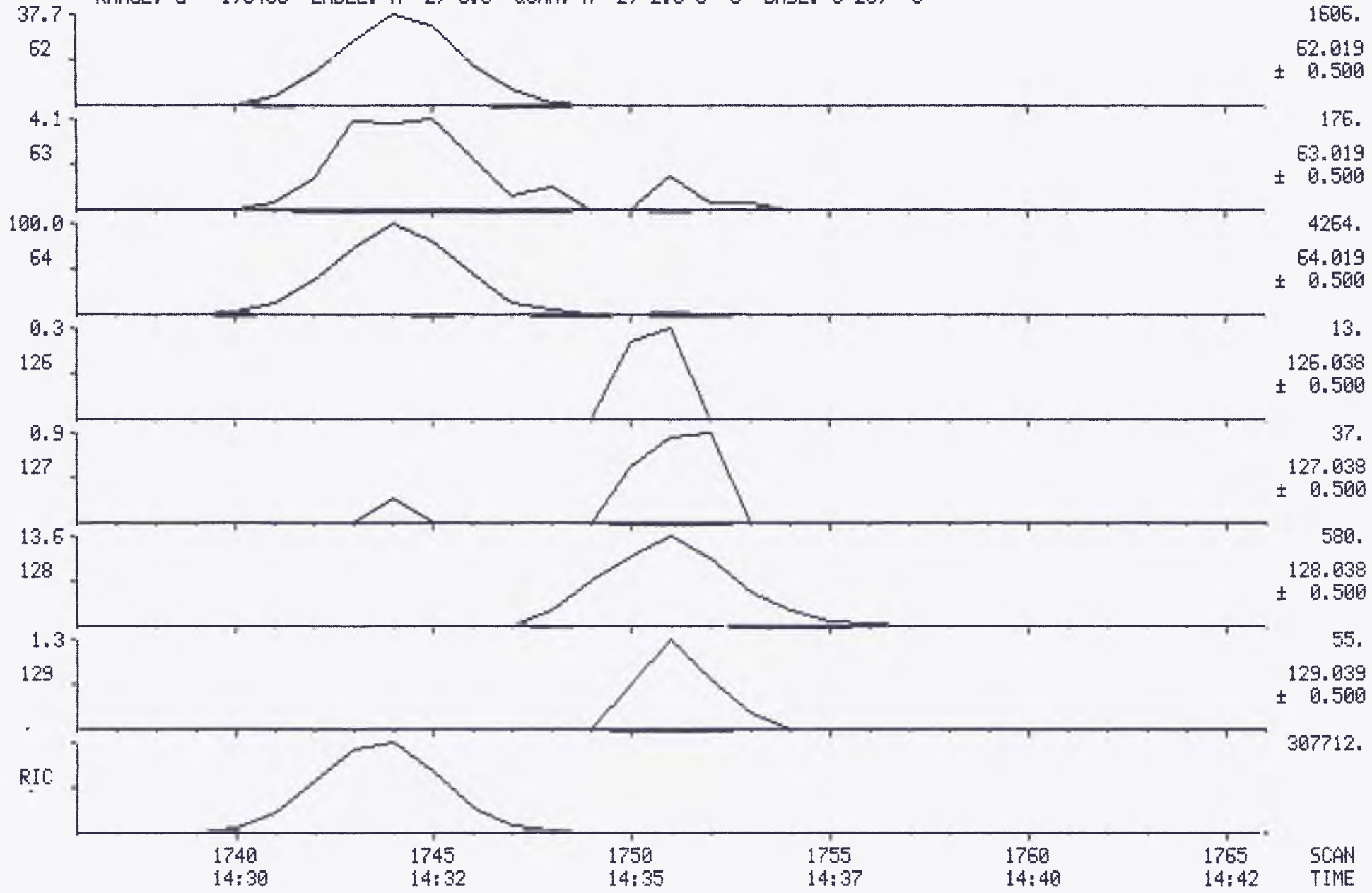
MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #1220 SCANS 1205 TO 1235
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C330 2-CHLOROPHENOL
RANGE: G 1.5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



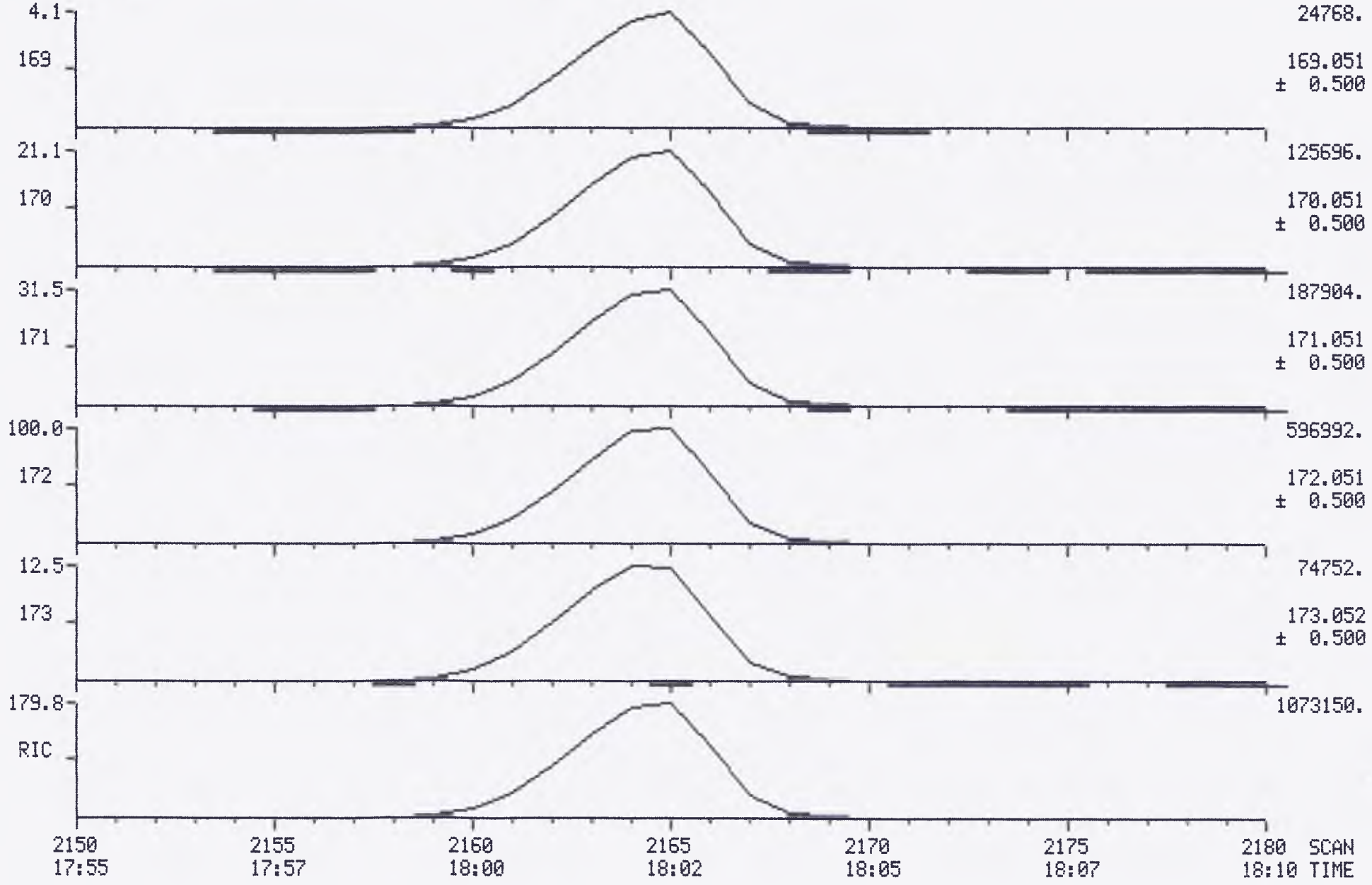
MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #1491 SCANS 1476 TO 1506
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS20 D5-NITROBENZENE (SS)
RANGE: G 1.5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



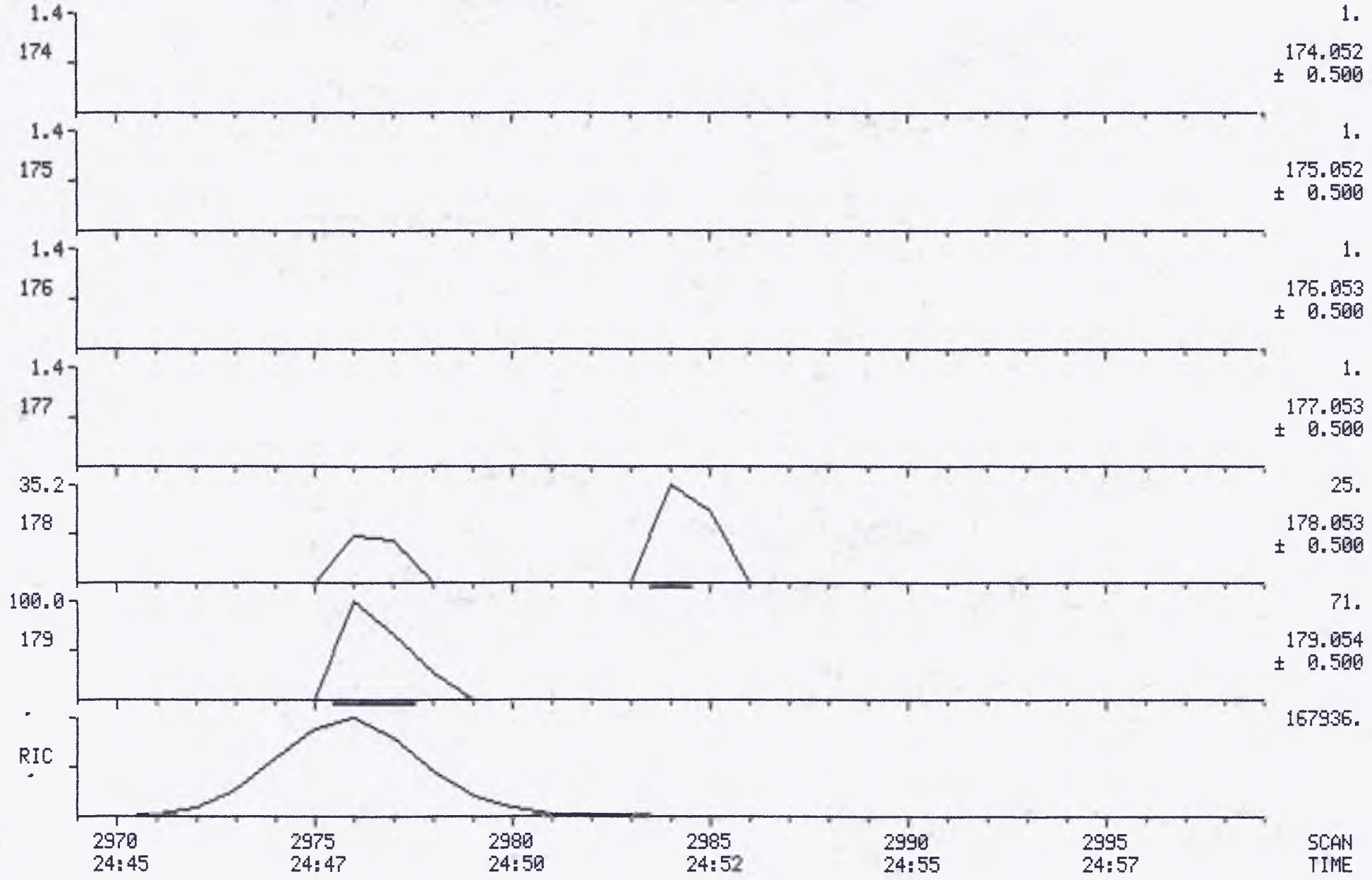
MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #1751 SCANS 1736 TO 1766
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C450 NAPHTHALENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



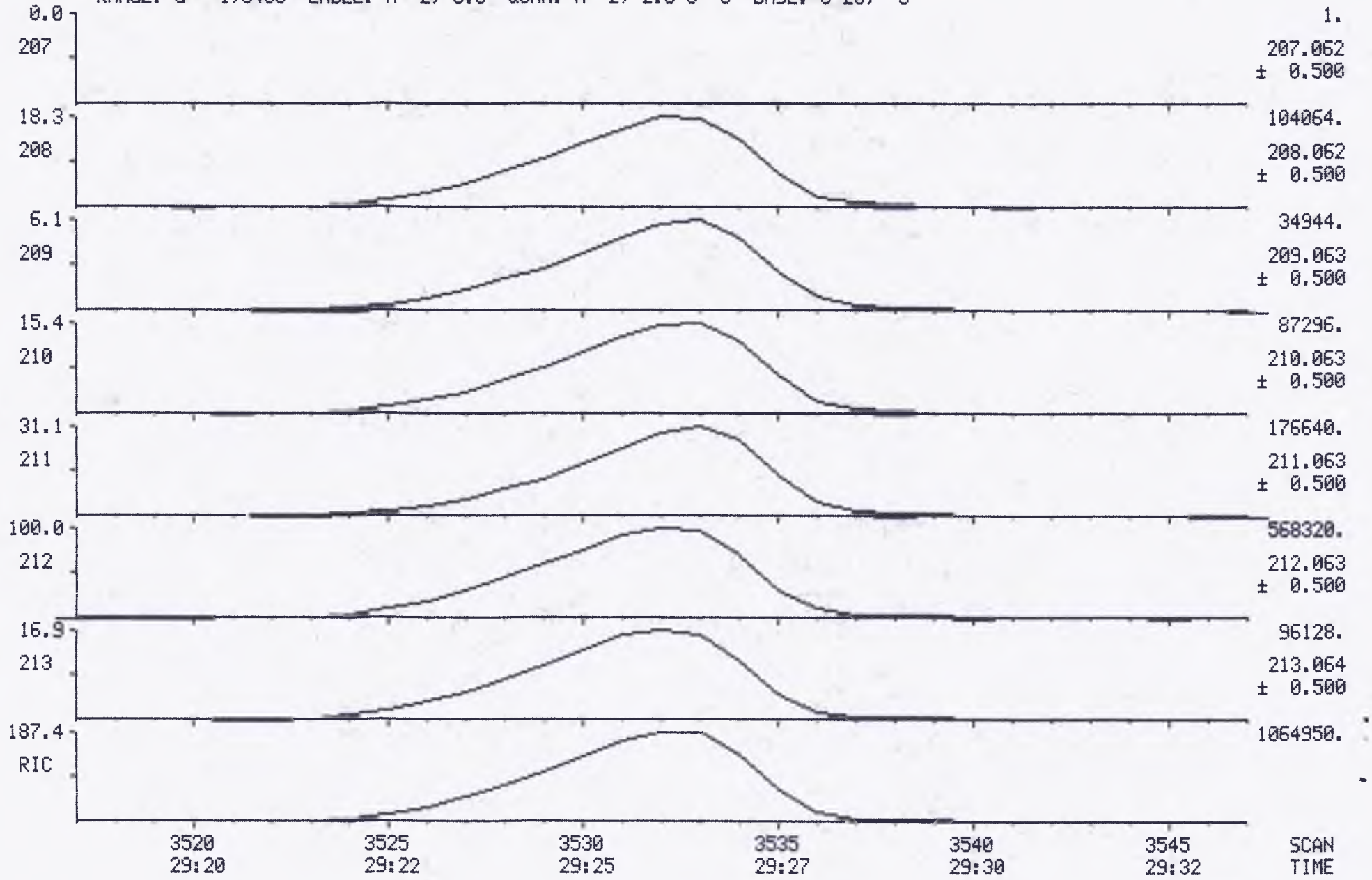
MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #2165 SCANS 2150 TO 2180
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS25 2-FLUOROBIPHENYL (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



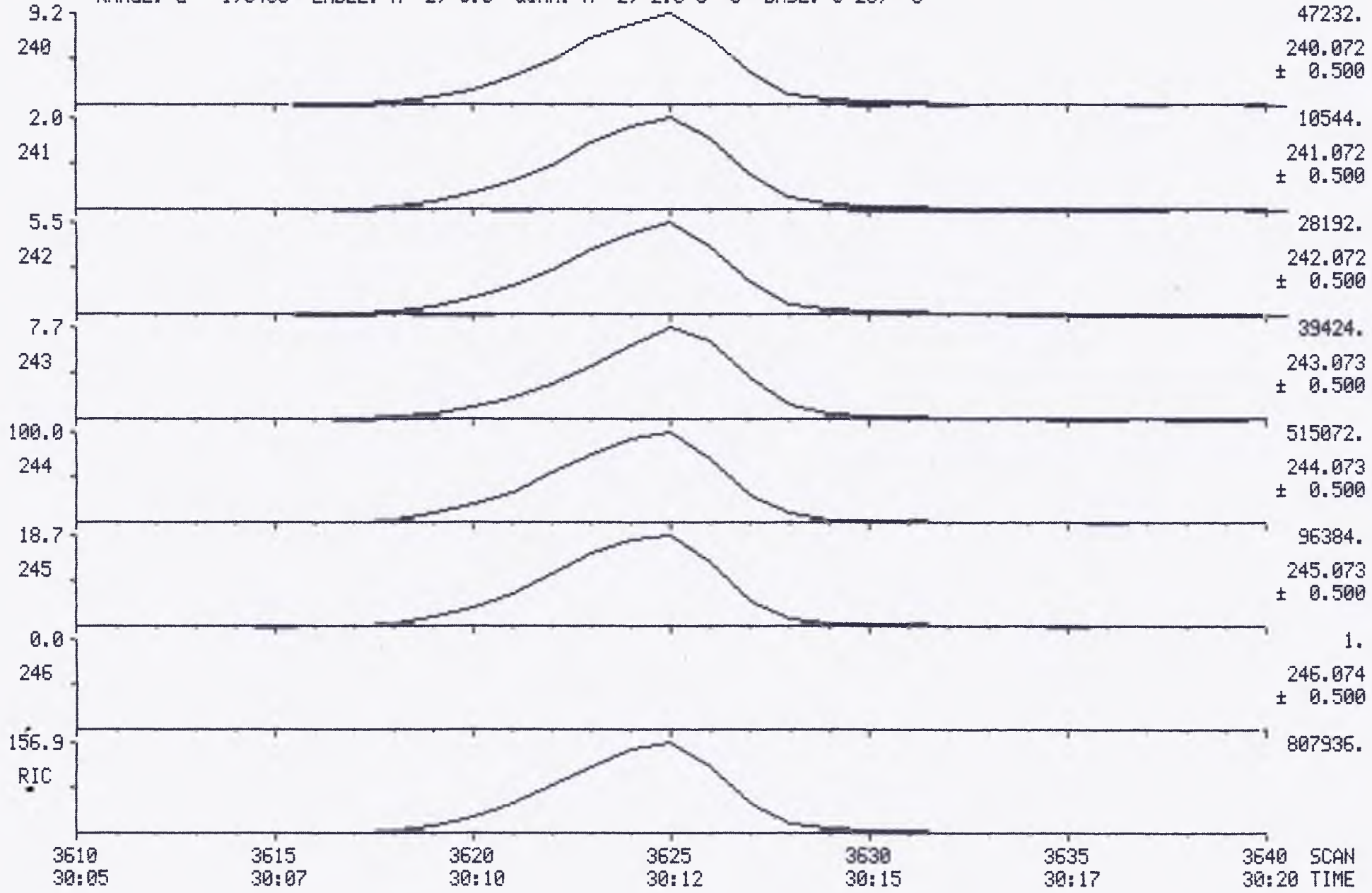
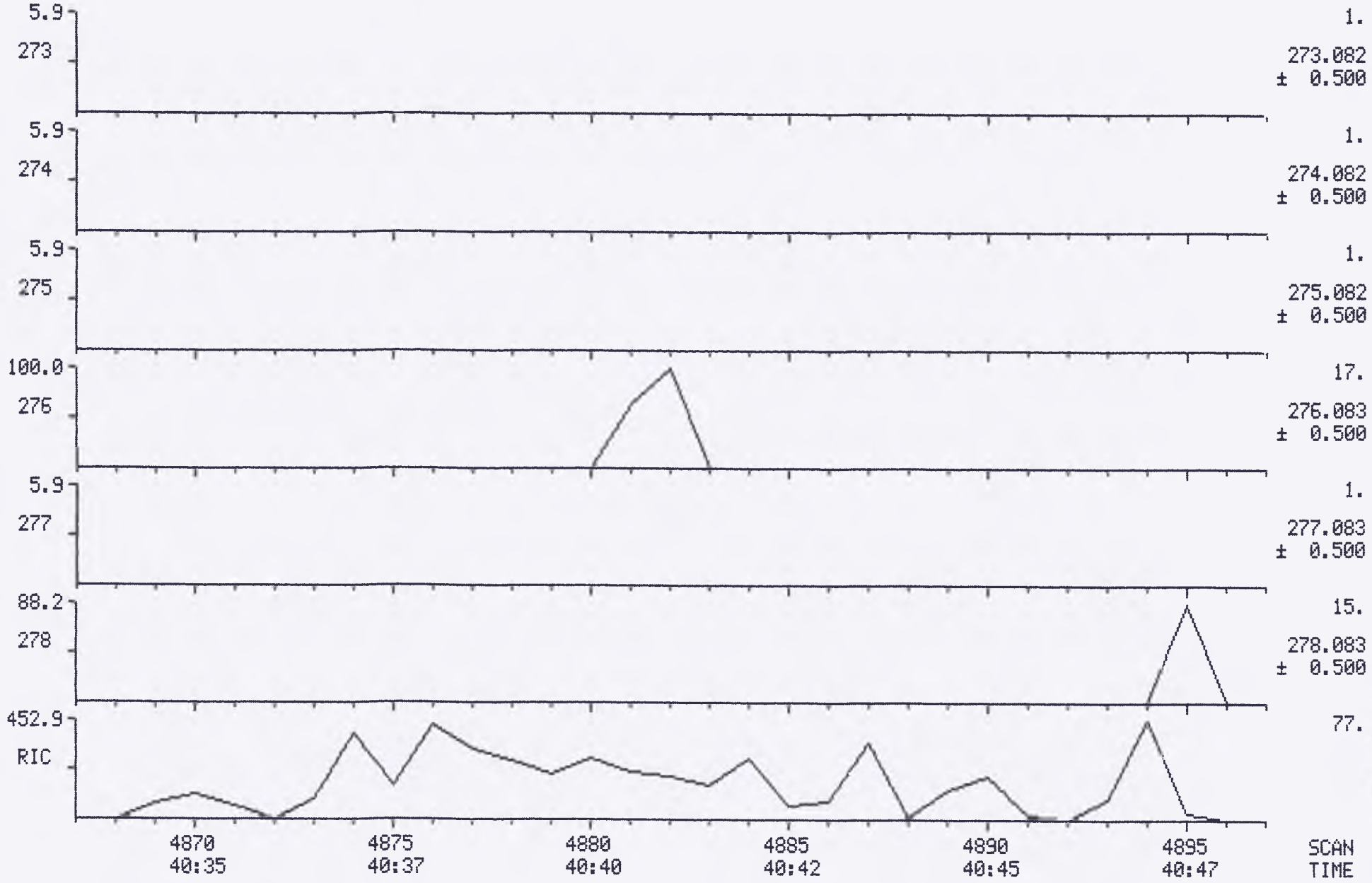
MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #2984 SCANS 2969 TO 2999
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C540 PHENANTHRENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #3532 SCANS 3517 TO 3547
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS35 D10-PYRENE (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #3625 SCANS 3610 TO 3640
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS30 D14-TERPHENYL (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



MIDRIC+MASS CHROMATOGRAMS DATA: WBW1093D #4882 SCANS 4867 TO 4897
04/26/91 15:15:00 CALI: WBW1093D #5
SAMPLE: WBW1093D REDGEFIELD DUP LAB BLANK 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C780 INDENO(1,2,3-CD)PYRENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3