EPA Laboratory Management System
~~(68) B/N/Acid Scan~~
67 PAH

Sample: 91130156
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: 2050 ml
Analyzed: 91/04/29 11:33 Analyst: RYA Percent Solids: /
Reviewed: 91/04/30 By: RYA Final Review: 5/6/91 By: JMS
IBM Report: 91/05/01 By: RYA

Sample Volume (ml): 2050 ml
Standard Run: WAN1119
Std. Stock Solution: LABN1115
Background Run: WBW1093
Tape Identification: 24-1991-5100-WDOE
Calibration Run: FC43 1119
Tape File Number: #15
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 91130156

USEPA RCRA
3058023

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

Sample Number
W91130156

LOW LEVEL ORGANICS ANALYSIS DATA SHEET
(Page 2)

SEMIVOLATILE COMPOUNDS

Concentration: LOW
Date Extracted/Prepared: 04/03/91
Date Analyzed: 04/29/91
Conc Factor: 81.96721
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	0.1UJ	85-01-8	Phenanthrene	0.02J
95-57-8	2-Chlorophenol	0.1UJ	120-12-7	Anthracene	0.1UJ
95-48-7	2-Methylphenol	0.1UJ	86-74-8	9h-Carbazole	0.1UJ ~~0.6U~~ Rya
106-44-5	4-Methylphenol	0.1UJ	206-44-0	Fluoranthene	0.02J
88-75-5	2-Nitrophenol	0.1UJ ~~0.2U~~ Rya	129-00-0	Pyrene	0.02J
105-67-9	2,4-Dimethylphenol	0.1UJ	483-65-8	Retene	0.1UJ
120-83-2	2,4-Dichlorophenol	0.1UJ	56-55-3	Benzo(a)anthracene	0.1UJ
91-20-3	Naphthalene	0.1UJ ~~0.01J~~	218-01-9	Chrysene	0.1UJ
59-50-7	4-Chloro-3-methylphenol	0.1UJ ~~0.5U~~ Rya	205-99-2	Benzo(b)fluoranthene	0.06J
91-57-6	2-Methylnaphthalene	0.005J	207-08-9	Benzo(k)fluoranthene	0.03J
90-12-0	1-Methylnaphthalene	0.005J	50-32-8	Benzo(a)pyrene	0.04J
88-06-2	2,4,6-Trichlorophenol	0.1UJ ~~0.2U~~ Rya	193-39-5	Indeno(1,2,3-cd)pyrene	0.1UJ
95-95-4	2,4,5-Trichlorophenol	0.1UJ ~~0.5U~~ Rya	53-70-3	Dibenz(a,h)anthracene	0.1UJ ~~0.2U~~ Rya
91-58-7	2-Chloronaphthalene	0.1UJ	191-24-2	Benzo(g,h,i)perylene	0.1UJ
208-96-8	Acenaphthylene	0.1UJ			%
83-32-9	Acenaphthene	0.001J	4165-60-0	Nitrobenzene-d5 (SS)	51
51-28-5	2,4-Dinitrophenol	1 UJ	321-60-8	2-Fluorobiphenyl (SS)	49
100-02-7	4-Nitrophenol	1 UJ ~~0.6U~~ Rya	1718-51-0	Terphenyl-d14 (SS)	66
132-64-9	Dibenzofuran	0.1UJ	4165-62-2	Phenol-d5 (SS)	31
86-73-7	Fluorene	0.002J	367-12-4	2-Fluorophenol (SS)	42
534-52-1	4,6-Dinitro-2-methylphenol	1 UJ	118-79-3	2,4,6-Tribromophenol (SS)	NAR
87-86-5	Pentachlorophenol	0.06J	1718-52-1	D10 Pyrene	43

.92 4-30-91 Rya

4/29/91 11:33:43 SCAN 1 OF 5400
Acquisition started

Acquire Run 0:W130156 Acquiring
04/29/91 11:33:00 + 0:02 Free sectors: 16792 Scan: 3 of 5400
Sample: W130156 RIDGEFIELD 100% 1ML/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 4-30-91 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

Teardown 4-29-91 Rya

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

Final Review 5-6-91 JMM

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	263.578	270.581	0.117	1	80	10	1	0

Winddw # '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

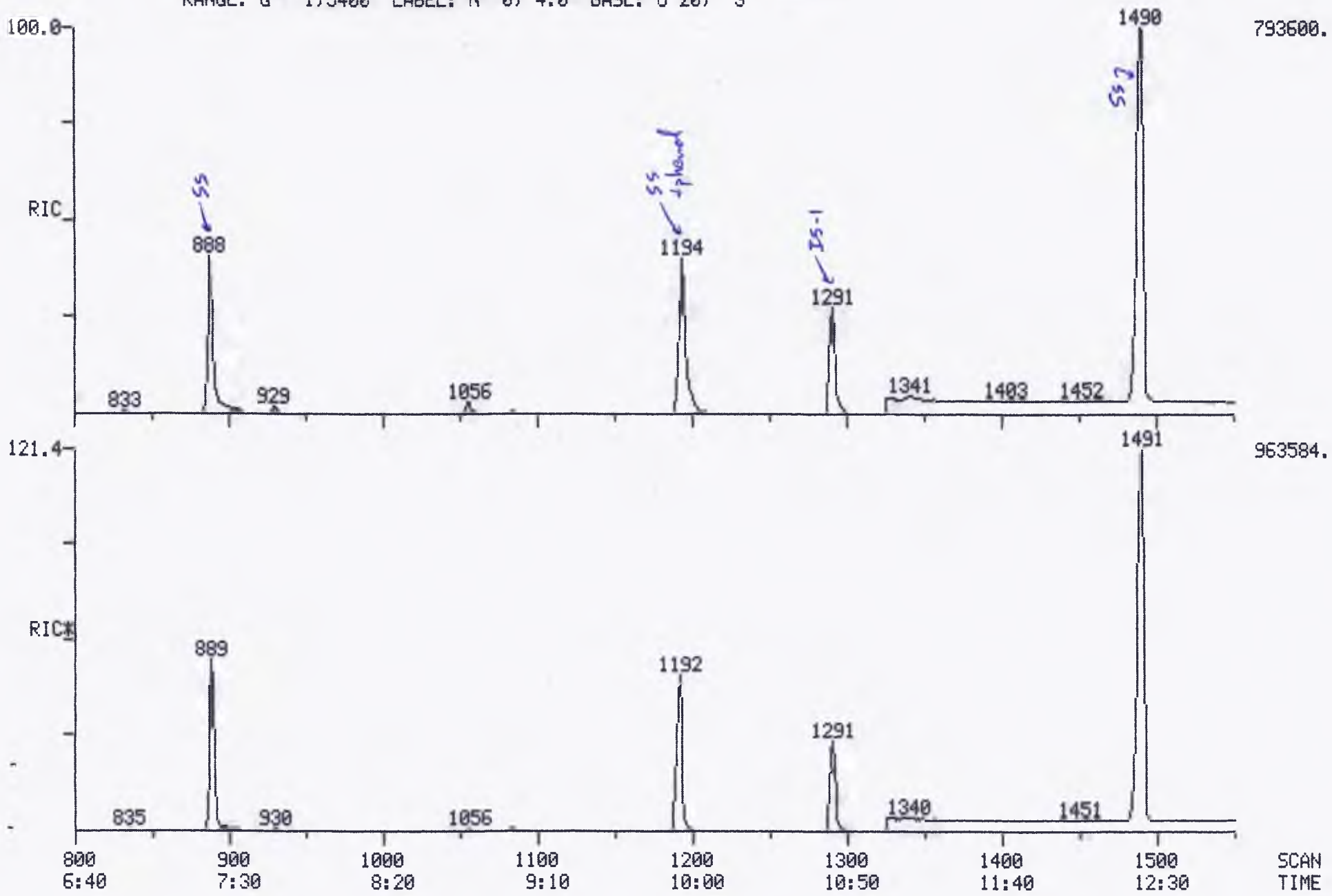
Extractor voltage	0.00	not used

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

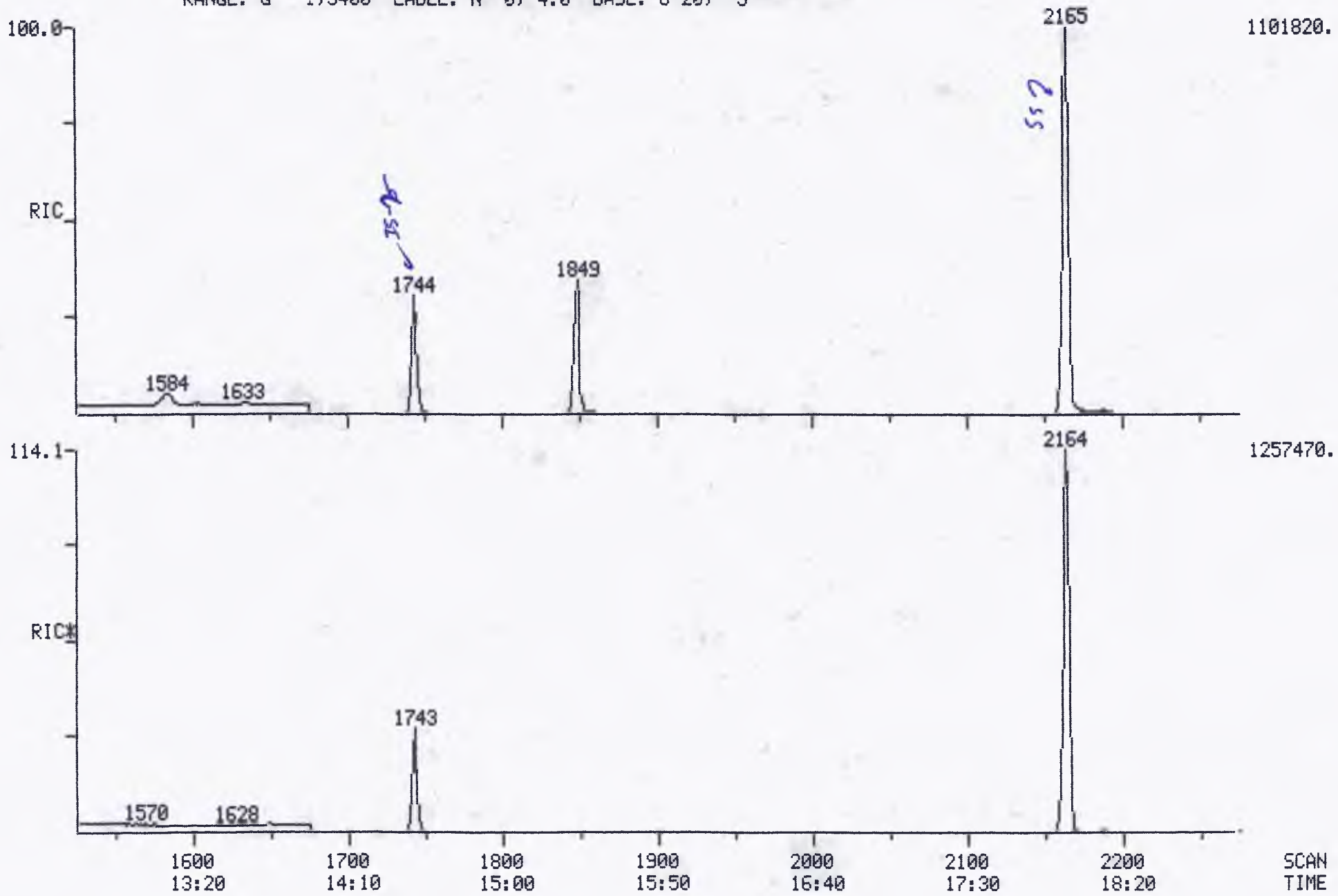
4/29/91 12:18:04
Acquisition completed
Scans 1 to 5400 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second	
Centroid	5400	113.2	2700.0	4.2	34966.	6.	13.

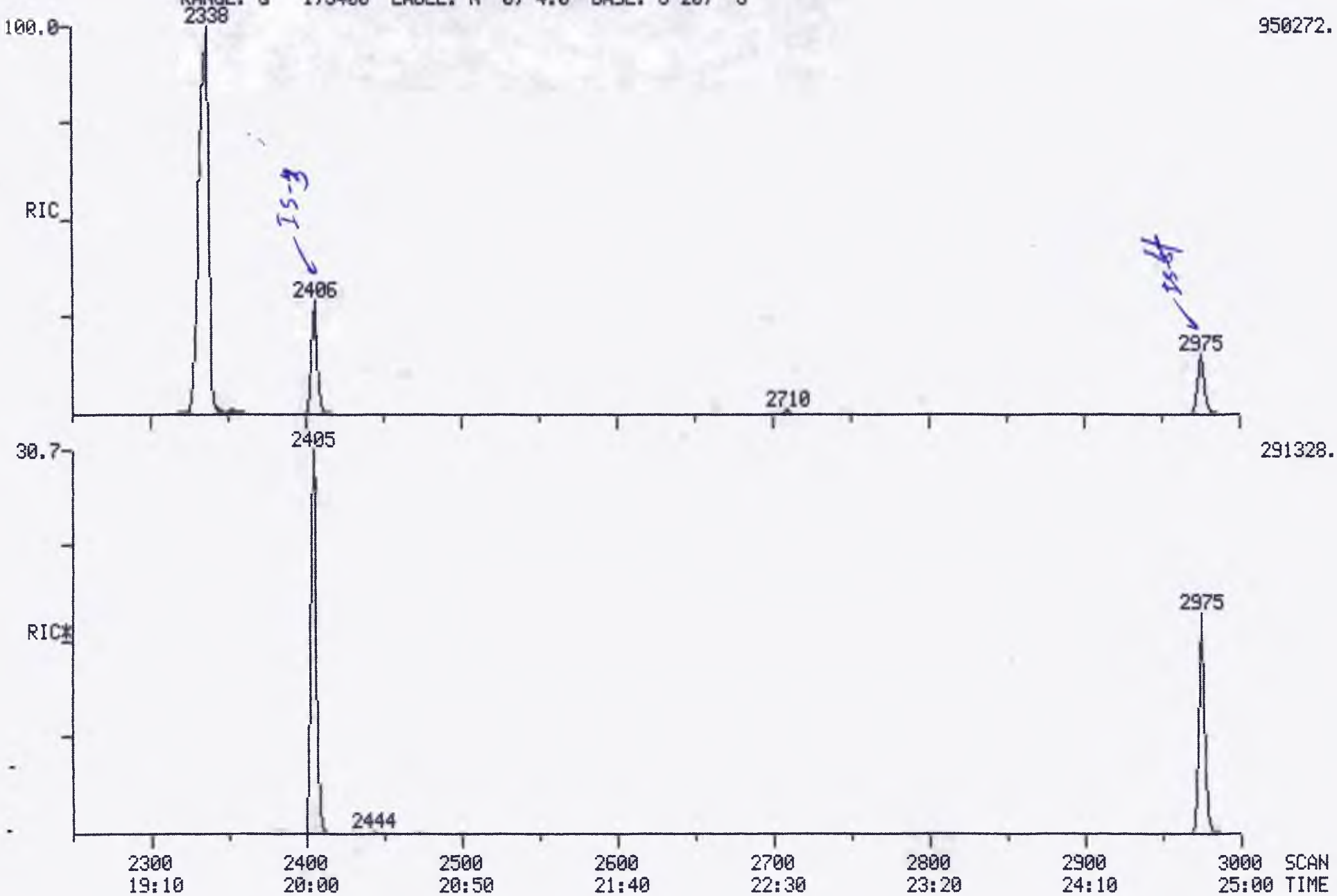
MID RIC DATA: W130156 #1,WBW1093
04/29/91 11:33:00 CALI: W130156 #5,WBW1093 #5 SCANS 800 TO 1550
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3



MID RIC DATA: W130156 #1,WBW1093
04/29/91 11:33:00 CALI: W130156 #5,WBW1093 #5 SCANS 1525 TO 2275
SAMPLE: W130156 RIDGEFIELD 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

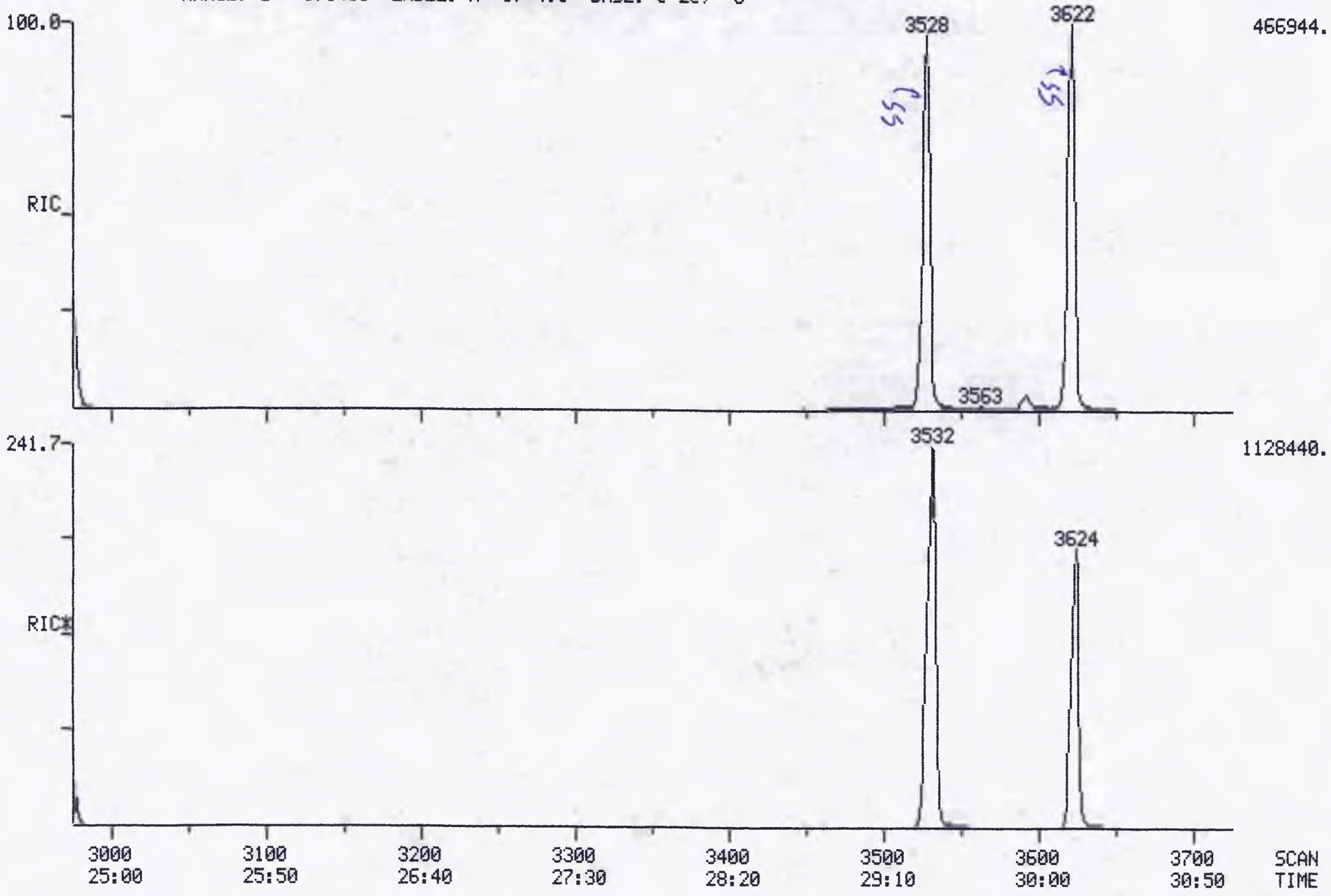


MID RIC DATA: W130156 #1,WBW1093
04/29/91 11:33:00 CALI: W130156 #5,WBW1093 #5 SCANS 2250 TO 3000
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3

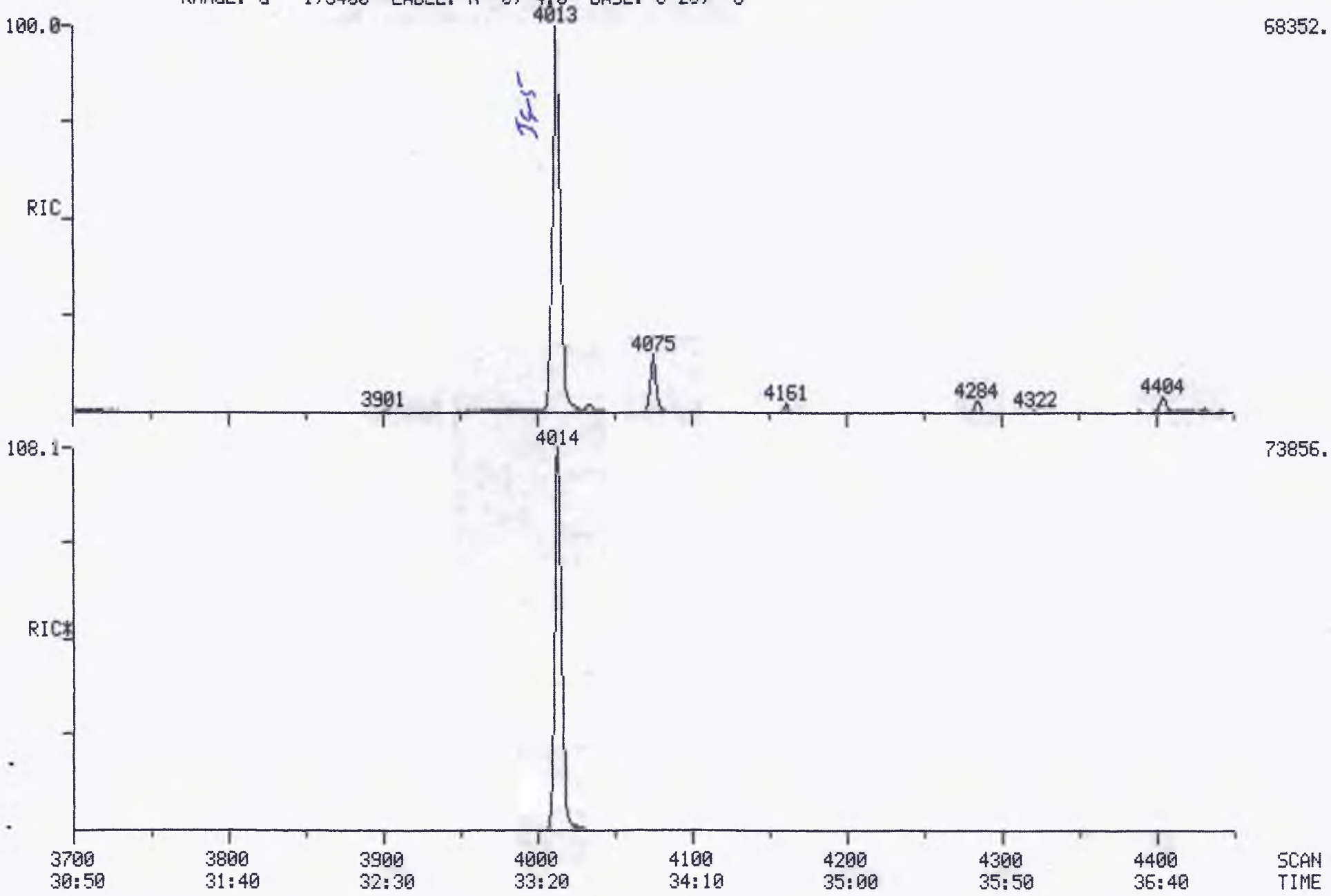


MID RIC
04/29/91 11:33:00 CALI: W130156 #5,WBW1093 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3

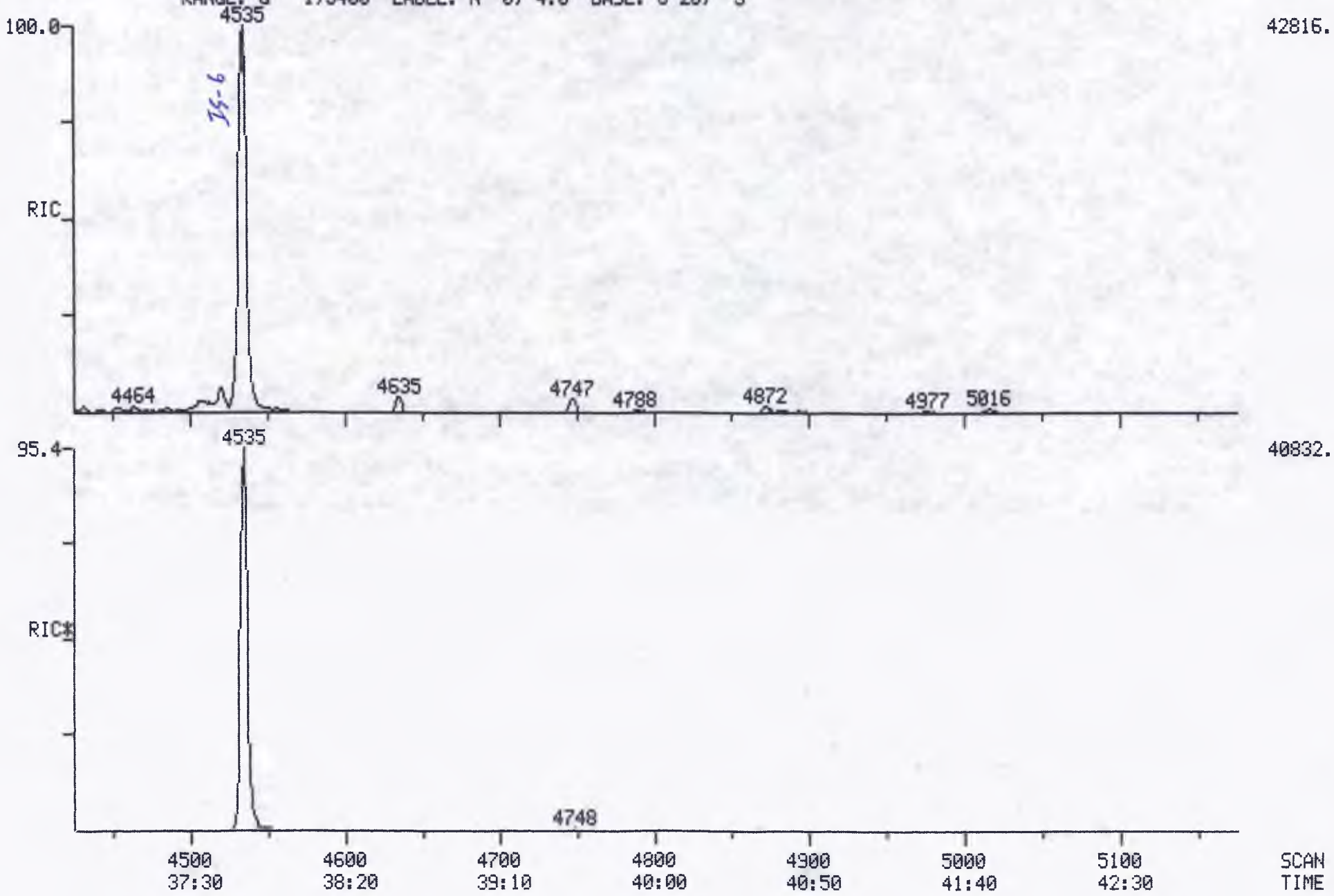
DATA: W130156 #1,WBW1093
SCANS 2975 TO 3725



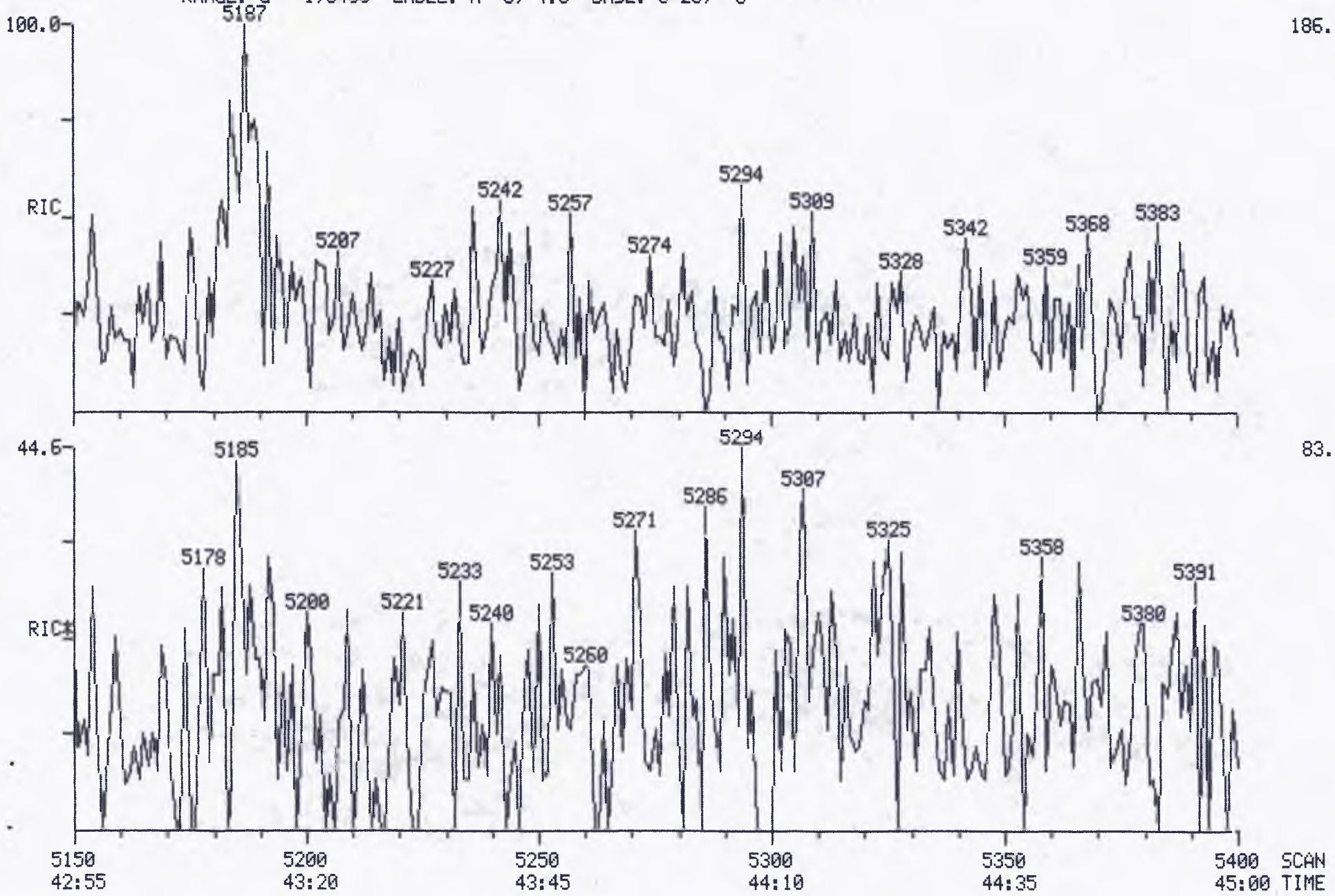
MID RIC DATA: W130156 #1,WBW1093
04/29/91 11:33:00 CALI: W130156 #5,WBW1093 #5 SCANS 3700 TO 4450
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3



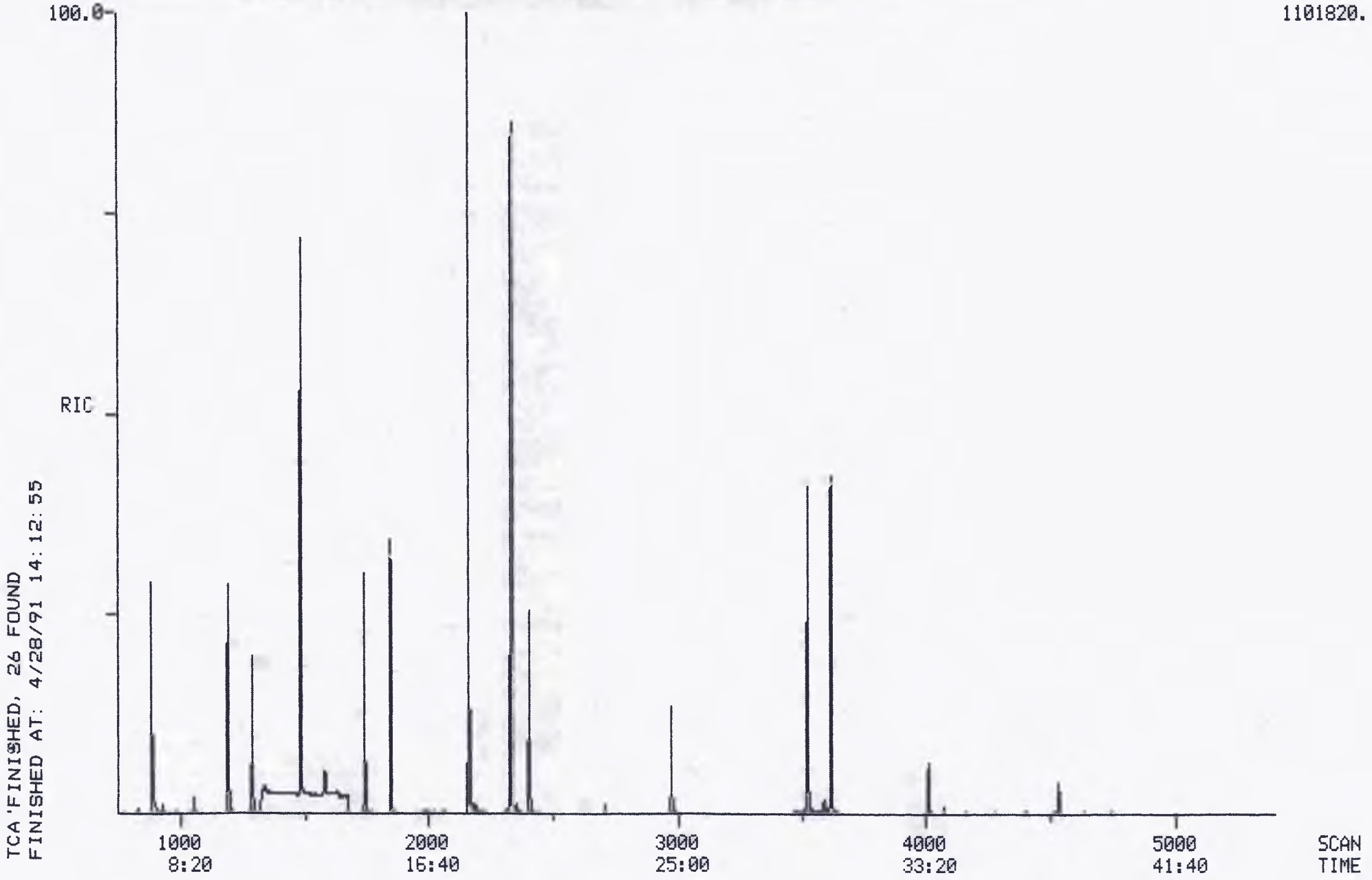
MID RIC DATA: W130156 #1,WBW1093
04/29/91 11:33:00 CALI: W130156 #5,WBW1093 #5 SCANS 4425 TO 5175
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
RANGE: G 1,5400 LABEL: N 0, 4.0 BASE: U 20, 3



MID RIC DATA: W130156 #1,WBW1093
04/29/91 11:33:00 CALI: W130156 #5,WBW1093 #5 SCANS 5150 TO 5400
SAMPLE: W130156 RIDGEFIELD 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



MIDRIC DATA: W130156 #1 SCANS 750 TO 5400
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 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



Quantitation Report File: W130156

Data: W130156.TI
04/29/91 11:33:00
Sample: W130156 RIDGEFIELD 100% 1ML/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	1291	10:46	1	1.000	A BB	242675	5.000 UG/ML	2.90
2	136	1744	14:32	2	1.000	A BB	938407	5.000 UG/ML	2.90
3	164	2406	20:03	3	1.000	A BB	446733	5.000 UG/ML	2.90
4	188	2975	24:48	4	1.000	A BB	557872	5.000 UG/ML	2.90
5	240	4013	33:27	5	1.000	A BB	211242	5.000 UG/ML	2.90
6	264	4534	37:47	6	1.000	A BB	187233	5.000 UG/ML	2.90
7	112	888	7:24	1	0.688	A BB	1274750	20.760 UG/ML	12.05
8	99	1194	9:57	1	0.925	A BB	1304030	15.434 UG/ML	8.96
~~9~~	~~94~~	~~1198~~	~~9:59~~	~~1~~	~~0.928~~	~~A BB~~	~~14,[illegible]780~~	~~[illegible]254 UG/ML~~	~~0.15~~
~~10~~	~~128~~	~~1221~~	~~10:11~~	~~1~~	~~0.946~~	~~A BB~~	~~57.~~	~~0.002 UG/ML~~	~~0.00~~
11	NOT FOUND								
~~12~~	~~100~~	~~1461~~	~~12:11~~	~~1~~	~~1.132~~	~~A BB~~	~~57.~~	~~0.002 UG/ML~~	~~0.00~~
13	82	1491	12:26	2	0.855	A BB	2283240	25.651 UG/ML	14.89
~~14~~	~~139~~	~~1610~~	~~13:25~~	~~2~~	~~0.923~~	~~A VB~~	~~55.~~	~~0.007 UG/ML~~	~~0.00~~
15	NOT FOUND								
16	NOT FOUND								
~~17~~	~~128~~	~~1751~~	~~14:36~~	~~2~~	~~1.004~~	~~A BB~~	~~2x7[illegible]4934.~~	~~0.[illegible] UG/ML~~	~~0.02~~
18	NOT FOUND								
19	142	2014	16:47	2	1.155	A BB	1232.	0.010 UG/ML	0.01
20	142	2048	17:04	2	1.174	A BB	561. name	0.010 UG/ML	0.01
21	NOT FOUND								
22	NOT FOUND								
23	172	2165	18:03	3	0.900	A BB	2814880.	24.558 UG/ML	14.25
24	NOT FOUND								
25	NOT FOUND								
26	153	2417	20:09	3	1.005	A BB	215.	0.003 UG/ML	0.00
27	NOT FOUND								
~~28~~	~~168~~	~~2485~~	~~20:43~~	~~3~~	~~1.033~~	~~A BB~~	~~564.~~	~~0.006 UG/ML~~	~~0.00~~
~~29~~	~~109~~	~~2488~~	~~20:44~~	~~3~~	~~1.034~~	~~A BB~~	~~27. check~~	~~0.009 UG/ML~~	~~0.01~~
30	166	2617	21:49	3	1.088	A BB	292.	0.005 UG/ML	0.00
31	NOT FOUND								
32	NOT FOUND								
33	266	2911	24:16	4	0.978	A BB	471.	0.131 UG/ML	0.08
34	178	2983	24:52	4	1.003	A BB	31x7[illegible]3054. name	0.031 UG/ML	0.02
~~35~~	~~178~~	~~3005~~	~~25:03~~	~~4~~	~~1.010~~	~~A BB~~	~~83.~~	~~0.002 UG/ML~~	~~0.00~~
~~36~~	~~167~~	~~3078~~	~~25:39~~	~~4~~	~~1.035~~	~~A BB~~	~~397.~~	~~0.014 UG/ML~~	~~0.01~~
37	202	3448	28:44	4	1.159	A BB	2102.	0.047 UG/ML	0.03
38	212	3528	29:24	5	0.879	A BB	1306380.	21.678 UG/ML	12.58
39	202	3534	29:27	5	0.881	A VB	1446	0.033 UG/ML	0.02
40	244	3622	30:11	5	0.903	A BB	1533680	33.135 UG/ML	19.23
~~41~~	~~219~~	~~3667~~	~~30:34~~	~~5~~	~~0.914~~	~~A BB~~	~~39.~~	~~0.006 UG/ML~~	~~0.00~~
~~42~~	~~228~~	~~4012~~	~~33:26~~	~~5~~	~~1.000~~	~~A BB~~	~~984.~~	~~0.040 UG/ML~~	~~0.02~~
~~43~~	~~228~~	~~4023~~	~~33:32~~	~~5~~	~~1.002~~	~~A BB~~	~~544.~~	~~0.015 UG/ML~~	~~0.01~~
44	252	4405	36:43	6	0.972	A BV	2634.	0.132 UG/ML	0.08
45	252	4416	36:48	6	0.974	A VB	1285.	0.066 UG/ML	0.04
46	252	4516	37:38	6	0.996	A BV	11x7[illegible]1227	0.090 UG/ML	0.05
~~47~~	~~276~~	~~4884~~	~~40:42~~	~~6~~	~~1.077~~	~~A BV~~	~~749.~~	~~0.059 UG/ML~~	~~0.03~~
~~48~~	~~278~~	~~4895~~	~~40:48~~	~~6~~	~~1.080~~	~~A BB~~	~~475.~~	~~0.041 UG/ML~~	~~0.02~~
~~49~~	~~276~~	~~4977~~	~~41:29~~	~~6~~	~~1.098~~	~~A BB~~	~~857.~~	~~0.051 UG/ML~~	~~0.03~~

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	20.76	4.00	6.194	1.194	5.19
8	9:55	1.00	0.922	1.00	15.43	4.00	6.365	1.650	3.86
9	9:57	1.00	0.926	1.00	0.25	4.00	0.120	1.896	0.06
10	10:09	1.00	0.945	1.00	0.00	4.00	0.001	1.302	0.00
11	11:38		1.083						
12	12:07	1.00	1.128	1.00	0.00	4.00	0.001	1.362	0.00
13	12:23	1.00	0.853	1.00	25.65	4.00	2.142	0.334	6.41
14	13:24	1.00	0.923	1.00	0.01	4.00	0.000	0.147	0.00
15	13:43		0.945						
16	14:10		0.976						
17	14:35	1.00	1.005	1.00	0.03	4.00	0.007	1.131	0.01
18	16:30		1.137						
19	16:46	1.00	1.155	1.00	0.01	4.00	0.002	0.899	0.00
20	17:03	1.00	1.175	1.00	0.01	4.00	0.001	0.401	0.00
21	17:43		0.885						
22	17:48		0.889						
23	18:00	1.00	0.899	1.00	24.56	4.00	6.879	1.120	6.14
24	18:16		0.912						
25	19:33		0.976						
26	20:08	1.00	1.005	1.00	0.00	4.00	0.001	1.077	0.00
27	20:23		1.017						
28	20:42	1.00	1.033	1.00	0.01	4.00	0.002	1.520	0.00
29	20:43	1.00	1.034	1.00	0.01	4.00	0.000	0.047	0.00
30	21:48	1.00	1.088	1.00	0.00	4.00	0.001	1.157	0.00
31	22:34		1.127						
32	22:05		0.891						
33	24:14	1.00	0.978	1.00	0.13	4.00	0.002	0.053	0.03
34	24:51	1.00	1.003	1.00	0.03	4.00	0.009	1.131	0.01
35	25:01	1.00	1.009	1.00	0.00	4.00	0.000	0.999	0.00
36	25:38	1.00	1.034	1.00	0.01	4.00	0.002	0.463	0.00
37	28:44	1.00	1.159	1.00	0.05	4.00	0.010	0.882	0.01
38	29:22	1.00	0.879	1.00	21.68	4.00	7.110	1.312	5.42
39	29:26	1.00	0.881	1.00	0.03	4.00	0.016	1.917	0.01
40	30:09	1.00	0.902	1.00	33.14	4.00	6.920	0.835	8.28
41	30:33	1.00	0.914	1.00	0.01	4.00	0.001	0.400	0.00
42	33:24	1.00	0.999	1.00	0.04	4.00	0.010	1.001	0.01
43	33:31	1.00	1.003	1.00	0.01	4.00	0.004	1.193	0.00
44	36:42	1.00	0.972	1.00	0.13	4.00	0.038	1.137	0.03
45	36:47	1.00	0.974	1.00	0.07	4.00	0.021	1.237	0.02
46	37:36	1.00	0.996	1.00	0.09	4.00	0.020	0.889	0.02
47	40:40	1.00	1.077	1.00	0.06	4.00	0.011	0.720	0.01
48	40:46	1.00	1.079	1.00	0.04	4.00	0.007	0.699	0.01
49	41:26	1.00	1.097	1.00	0.05	4.00	0.010	0.802	0.01

PROCEDURE: TCA DIAGNOSTIC REPORT 4/28/91 14:07:47
DATA FILE: W130156
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	48	61	12	10	1	169	LLBNAX/LLBNA1
1	1	1	0	9	5	2	76	LLBNAX2/LLBNA2
1	1	1	0	6	2	1	0	LLBNAX3/LLBNA3
1	1	1	0	7	5	1	0	LLBNAX3/LLBNA4
1	1	1	0	7	5	1	154	LLBNAX4/LLBNA5
1	1	1	0	7	4	1	122	LLBNAX5/LLBNA6
1	1	1	0	7	1	1	0	LLBNAX6/LLBNA7

49 COMPOUNDS PROCESSED, 26 FOUND

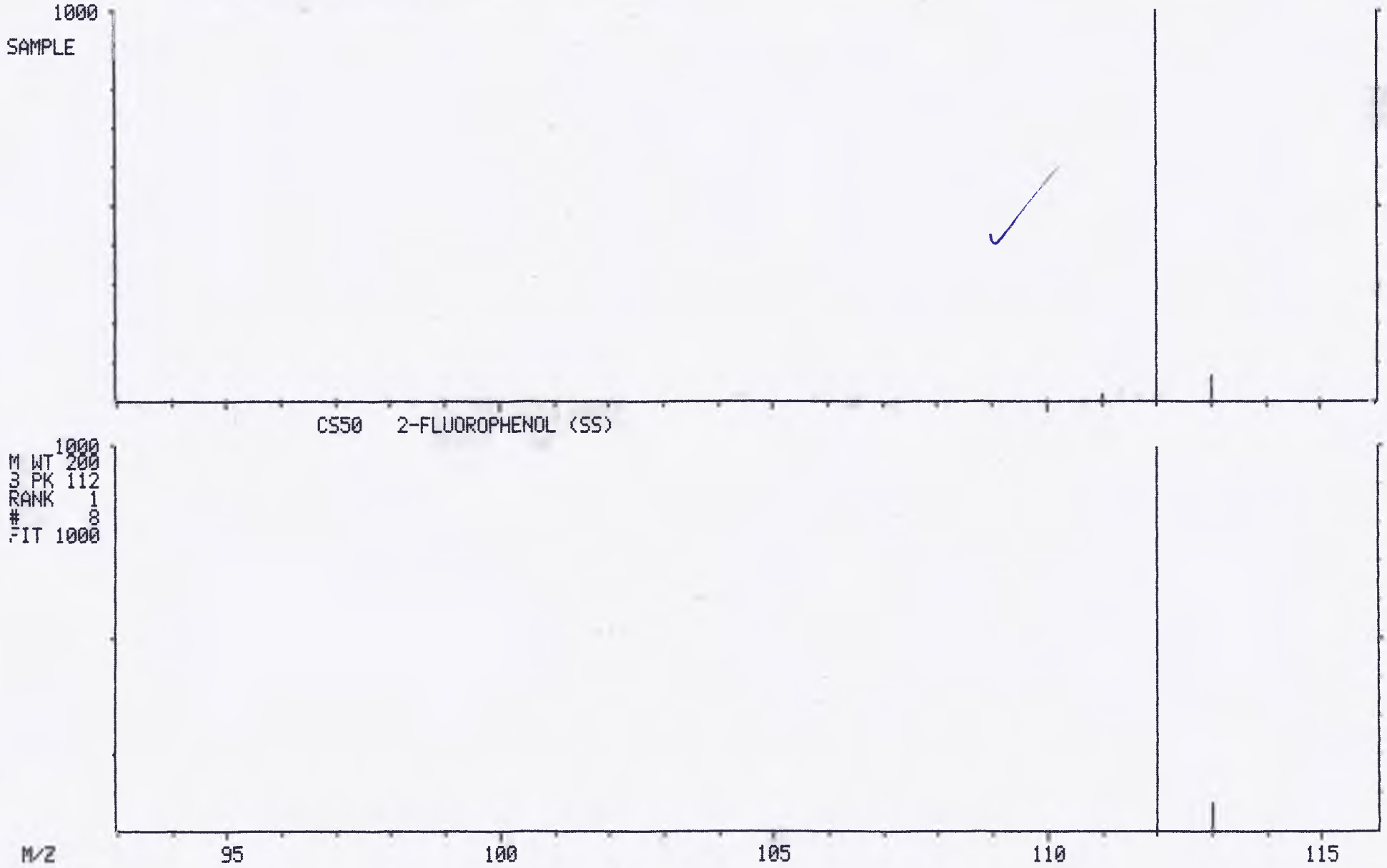
< COMPOUND >				< ---------- SEARCH ---------- >					< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	LL	1	-1289	1291	1291	.	1	945	.	152	1291	.	1
2	LL	2	-1741	1743	1744	1	2	992	.	136	1744	.	1
3	LL	3	-2403	2405	2406	1	1	980	.	164	2406	.	1
4	LL	4	-2973	2976	2975	-1	1	905	.	188	2975	.	1
5	LL	5	-4011	4014	4013	-1	4	974	.	240	4013	.	1
6	LL	6	-4532	4535	4535	.	6	981	.	264	4534	-1	1
7	LL	8	-886	890	888	-2	1	995	.	112	888	.	1
8	LL	10	-1189	1193	1194	1	1	1000	.	99	1194	.	1
9	LL	11	-1193	1197	1198	1	1	1000	.	94	1198	.	1
10	LL	14	-1218	1222	.	.	.	.	.	128	1221	.	1
11	LL	20	-1396	1400	.	.	.	.	.	108	.	.	.
12	LL	24	-1454	1458	1461	3	1	891	.	108	1461	.	1
13	LL	25	-1485	1489	1490	1	1	995	.	82	1491	1	1
14	LL	28	-1607	1611	.	.	.	.	.	139	1610	.	1
15	LL	29	-1645	1649	.	.	.	.	.	107	.	.	.
16	LL	31	-1699	1702	.	.	.	.	.	162	.	.	.
17	LL	34	-1749	1752	1751	-1	2	981	.	128	1751	.	1
18	LL	38	-1979	1981	.	.	.	.	.	107	.	.	.
19	LL	39	-2011	2013	2013	.	1	987	.	142	2014	1	1
20	LL	40	-2046	2048	2048	.	1	968	.	142	2048	.	1
21	LL	42	-2126	2131	.	.	.	.	.	196	.	.	.
22	LL	43	-2136	2141	.	.	.	.	.	196	.	.	.
23	LL	44	-2160	2165	2165	.	1	998	.	172	2165	.	1
24	LL	45	-2192	2197	.	.	.	.	.	162	.	.	.
25	LL	48	-2346	2349	.	.	.	.	.	152	.	.	.
26	LL	51	-2415	2418	2418	.	1	902	.	153	2417	-1	1
27	LL	52	-2445	2448	.	.	.	.	.	184	.	.	.
28	LL	54	-2483	2486	2486	.	1	870	.	168	2485	-1	1
29	LL	55	-2485	2488	2488	.	1	947	.	109	2488	.	1
30	LL	58	-2615	2618	2618	.	1	985	.	166	2617	-1	1
31	LL	63	-2707	2710	.	.	.	.	.	330	.	.	.
32	LL	64	-2650	2654	.	.	.	.	.	198	.	.	.
33	LL	68	-2908	2911	2912	1	1	865	.	266	2911	-1	1
34	LL	69	-2982	2985	2983	-2	1	979	.	178	2983	.	1
35	LL	70	-3001	3004	.	.	.	.	.	178	3005	.	1
36	LL	71	-3075	3077	3079	2	1	879	.	167	3078	-1	1
37	LL	73	-3447	3448	3448	.	1	939	.	202	3448	.	1
38	LL	75	-3524	3527	3528	1	1	971	.	212	3528	.	1
39	LL	76	-3532	3535	3534	-1	1	868	.	202	3534	.	1
40	LL	77	-3618	3621	3622	1	1	985	.	244	3622	.	1
41	LL	78	-3665	3668	.	.	.	.	.	219	3667	.	1
42	LL	80	-4008	4010	.	.	.	.	.	228	4012	.	1
43	LL	82	-4022	4024	.	.	.	.	.	228	4023	.	1
44	LL	85	-4404	4407	[illegible]					252	4405		1

46	LL	87	-4512	4515	4516	.	.	.	.	252	4516	.	1
47	LL	88	-4879	4882	.	.	.	.	.	276	4884	.	1
48	LL	90	-4891	4894	.	.	.	.	.	278	4895	.	1
49	LL	91	-4972	4975	.	.	.	.	.	276	4977	.	1

MID LIBRARY SEARCH
04/29/91 11:33:00 + 7:24
SAMPLE: W130156 RIDGEFIELD 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: W130156 # 888
CALI: W130156 # 5

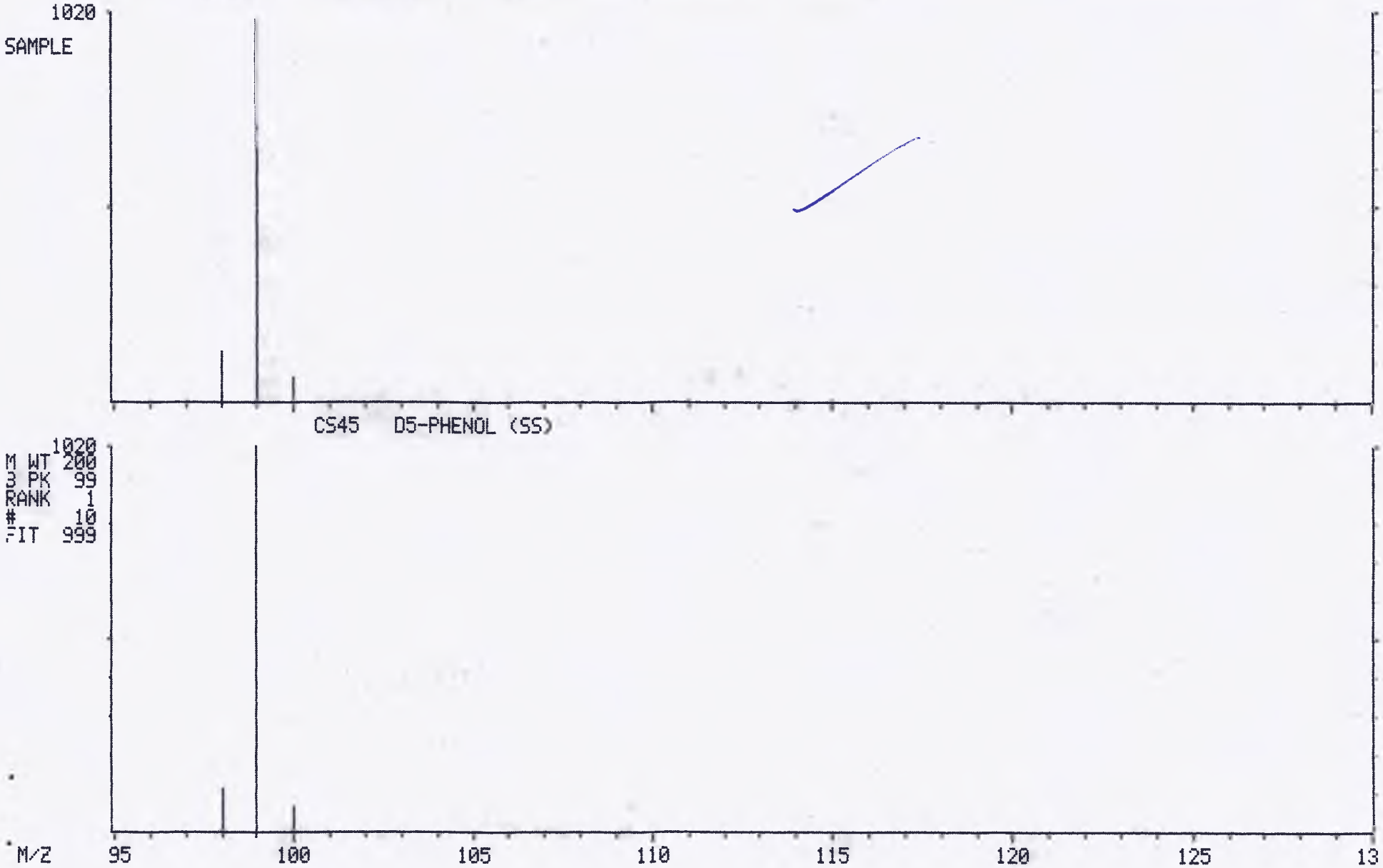
BASE M/Z: 112
RIC: 306687.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 9:57
SAMPLE: W130156 RIDGEFIELD 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: W130156 #1194
CALI: W130156 # 5

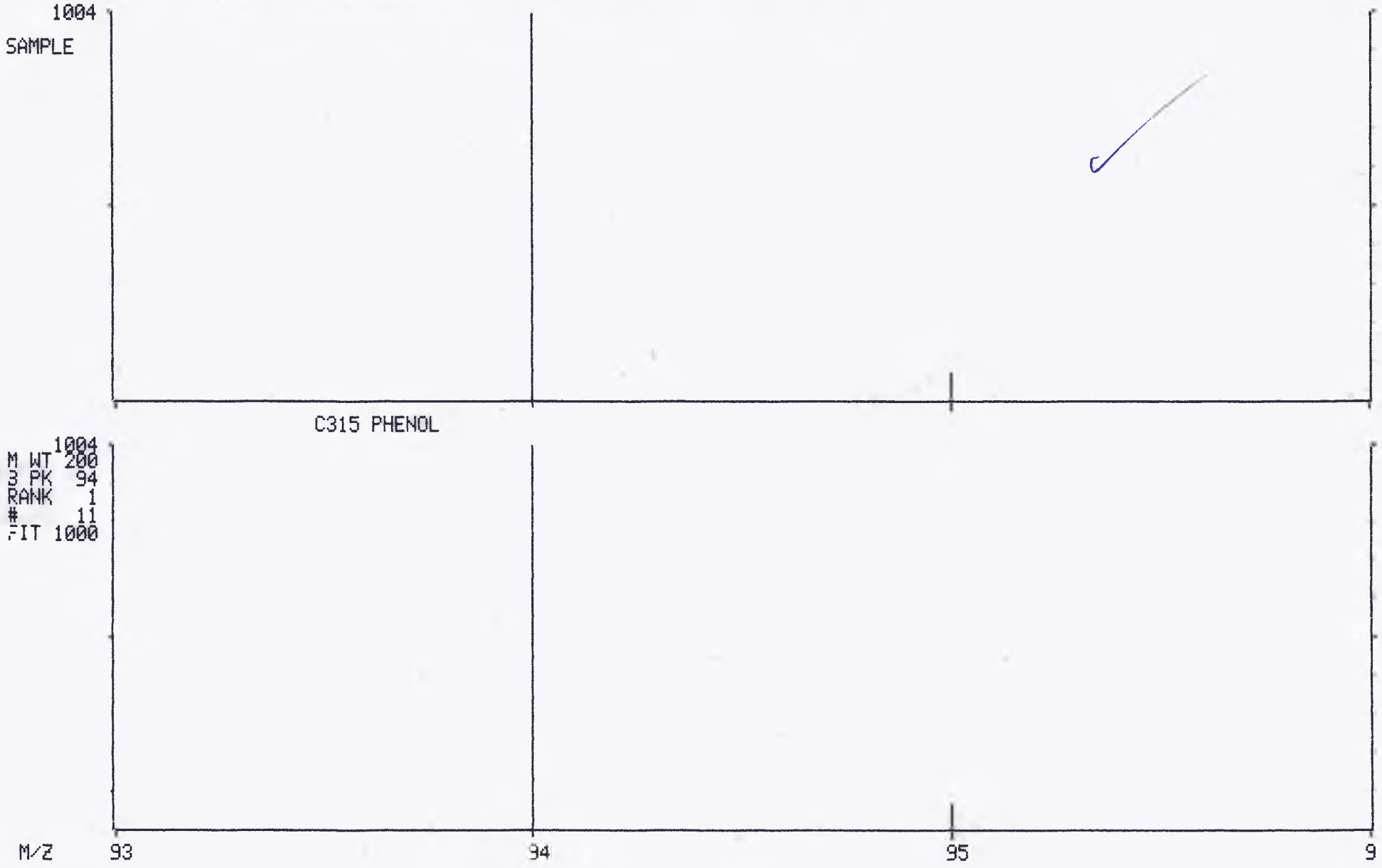
BASE M/Z: 99
RIC: 295935.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 9:59
SAMPLE: W130156 RIDGEFIELD 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: W130156 #1198
CALI: W130156 # 5

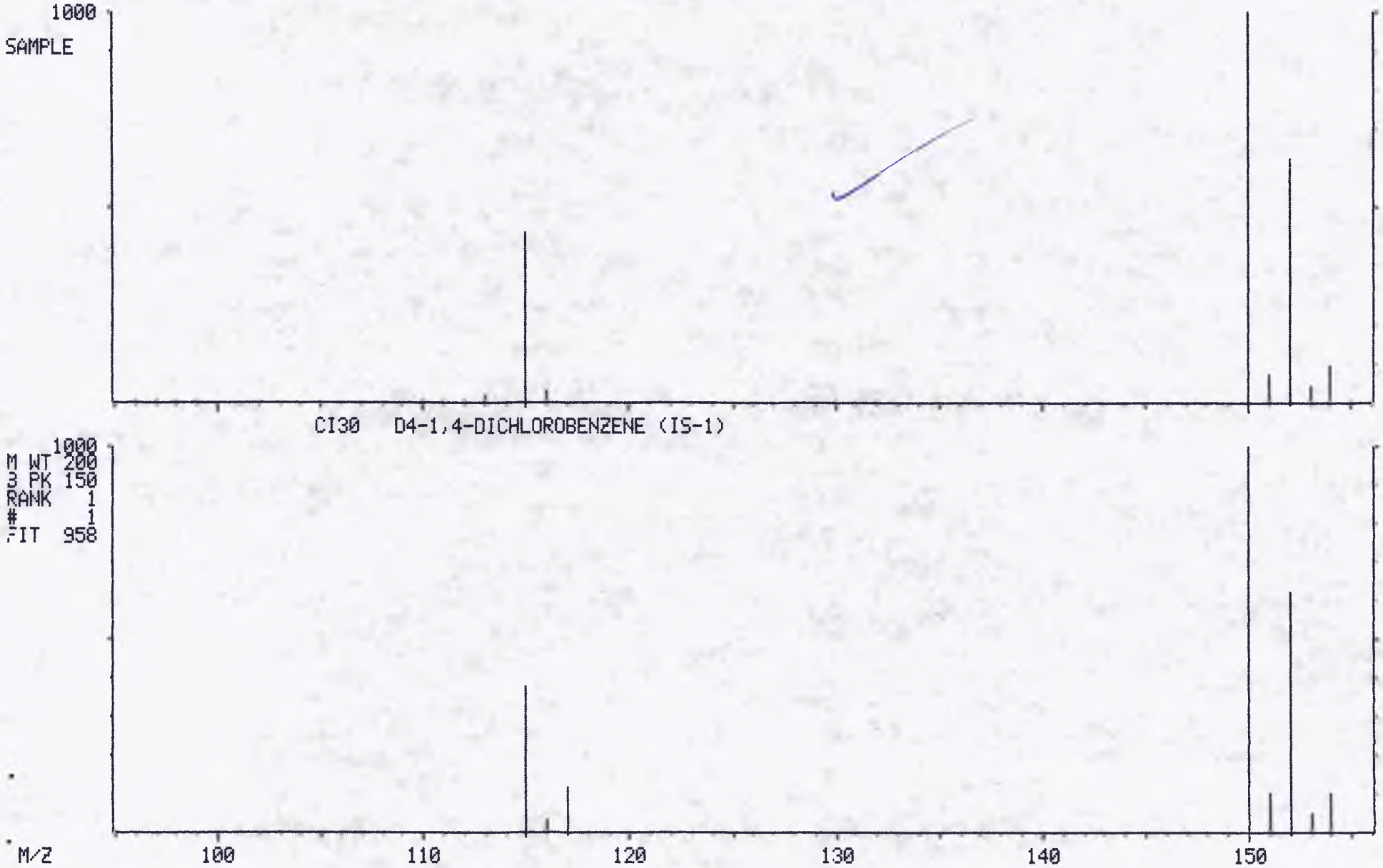
BASE M/Z: 94
RIC: 2983.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 10:45
SAMPLE: W130156 RIDGEFIELD 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: W130156 #1291
CALI: W130156 # 5

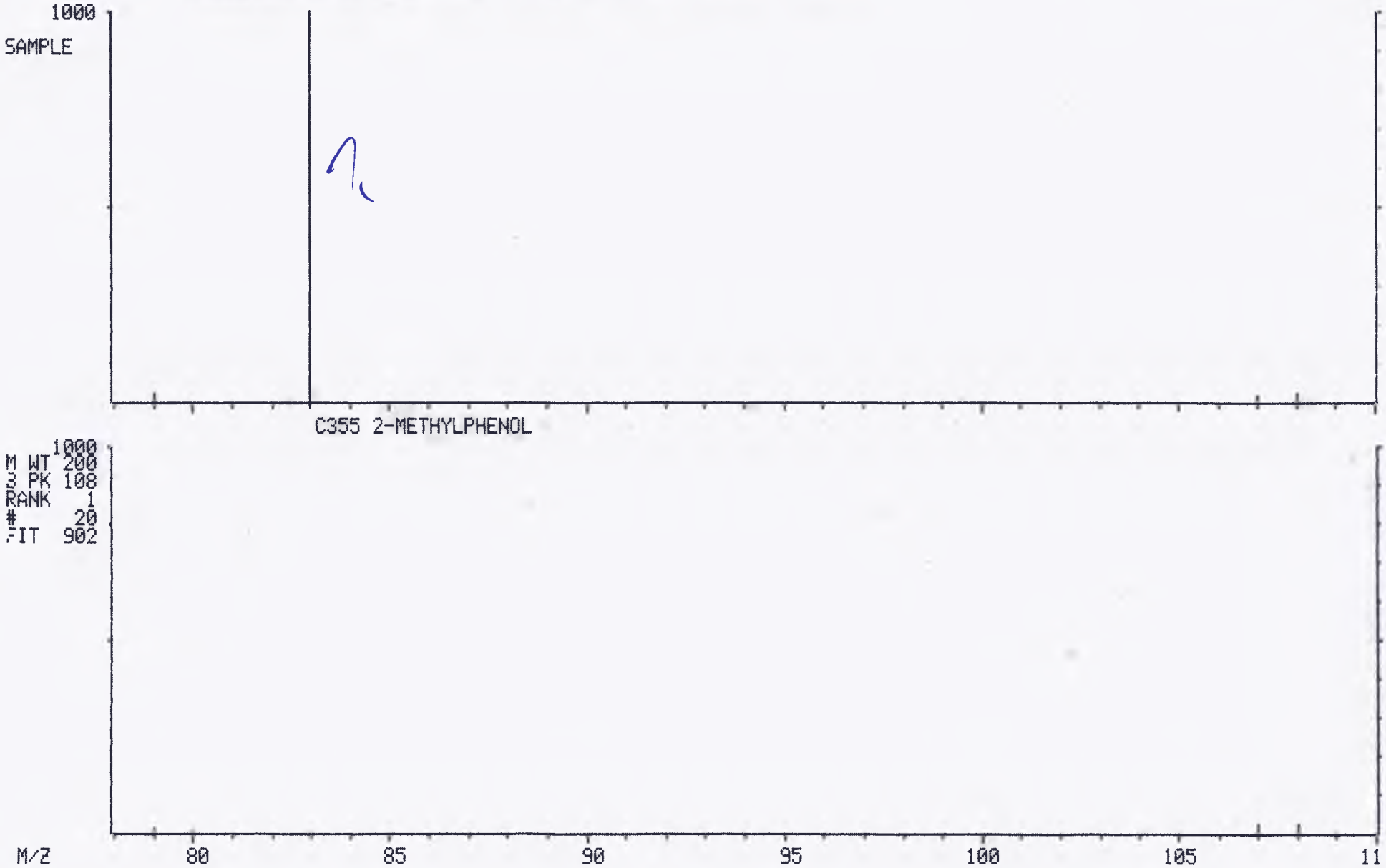
BASE M/Z: 150
RIC: 205823.



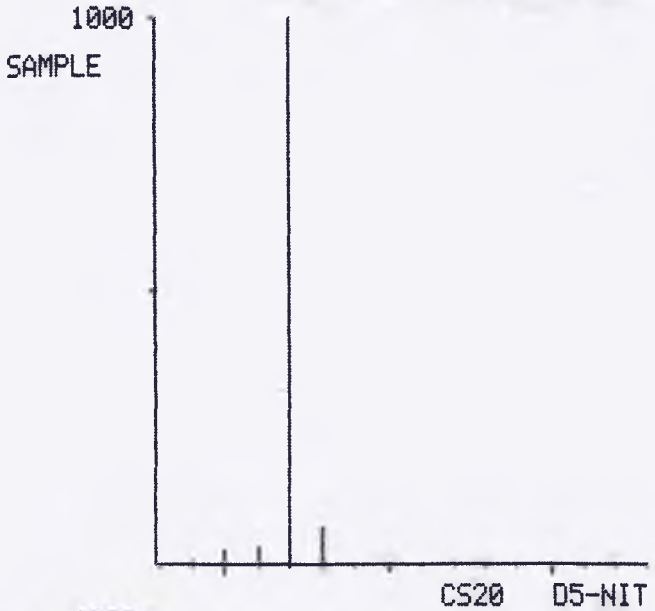
MID LIBRARY SEARCH
04/29/91 11:33:00 + 12:10
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

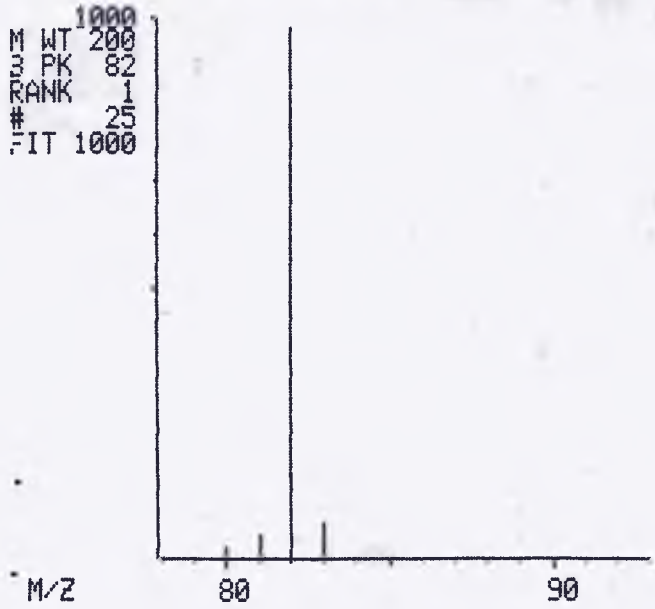
DATA: W130156 #1461
CALI: W130156 # 5

BASE M/Z: 83
RIC: 585.

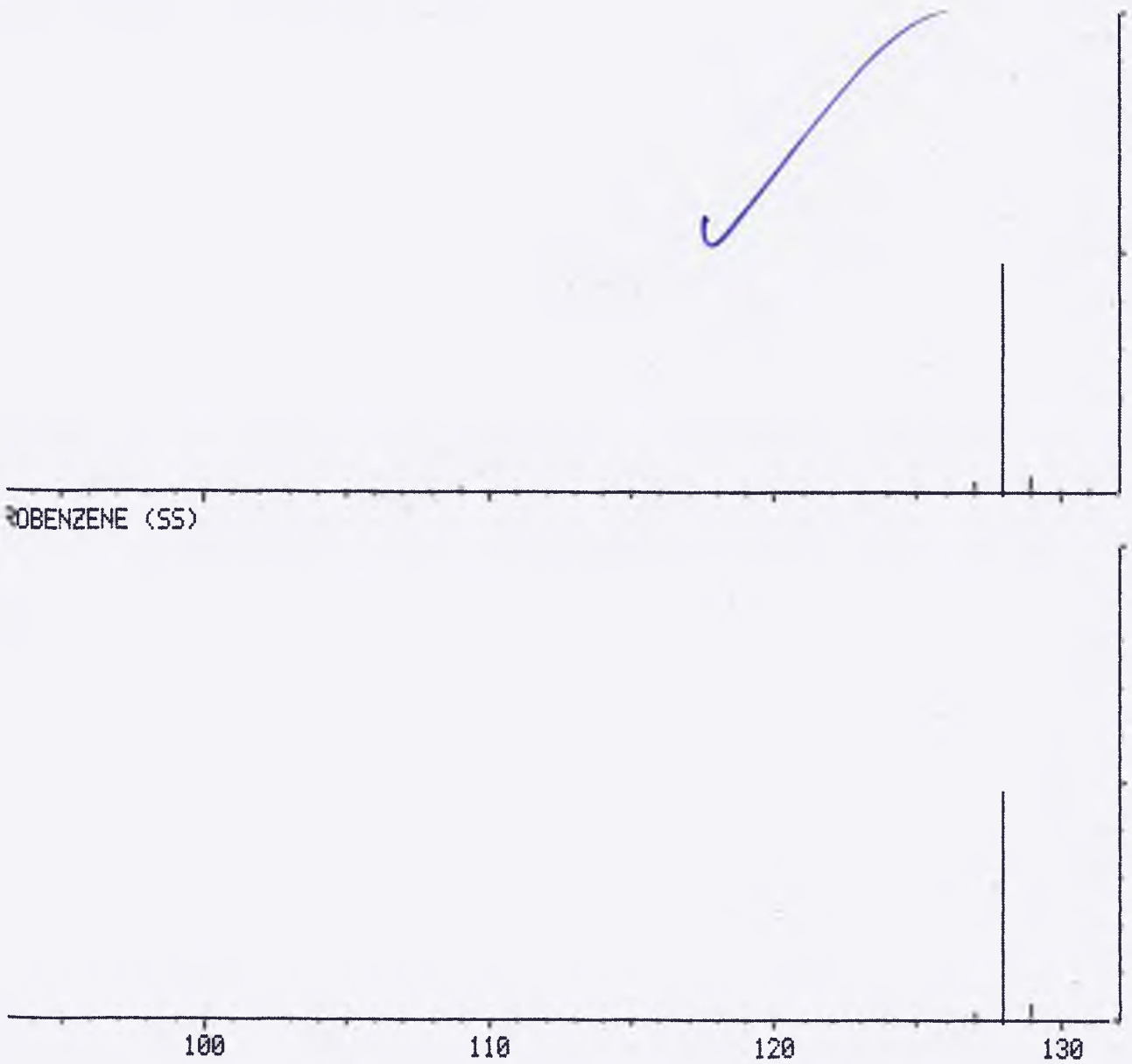


MID LIBRARY SEARCH
04/29/91 11:33:00 + 12:2
SAMPLE: W130156 RIDGEFIE
CONDS.: WDOE 35 DEG 2 MI
ENHANCED (S 15B 2N 0T)





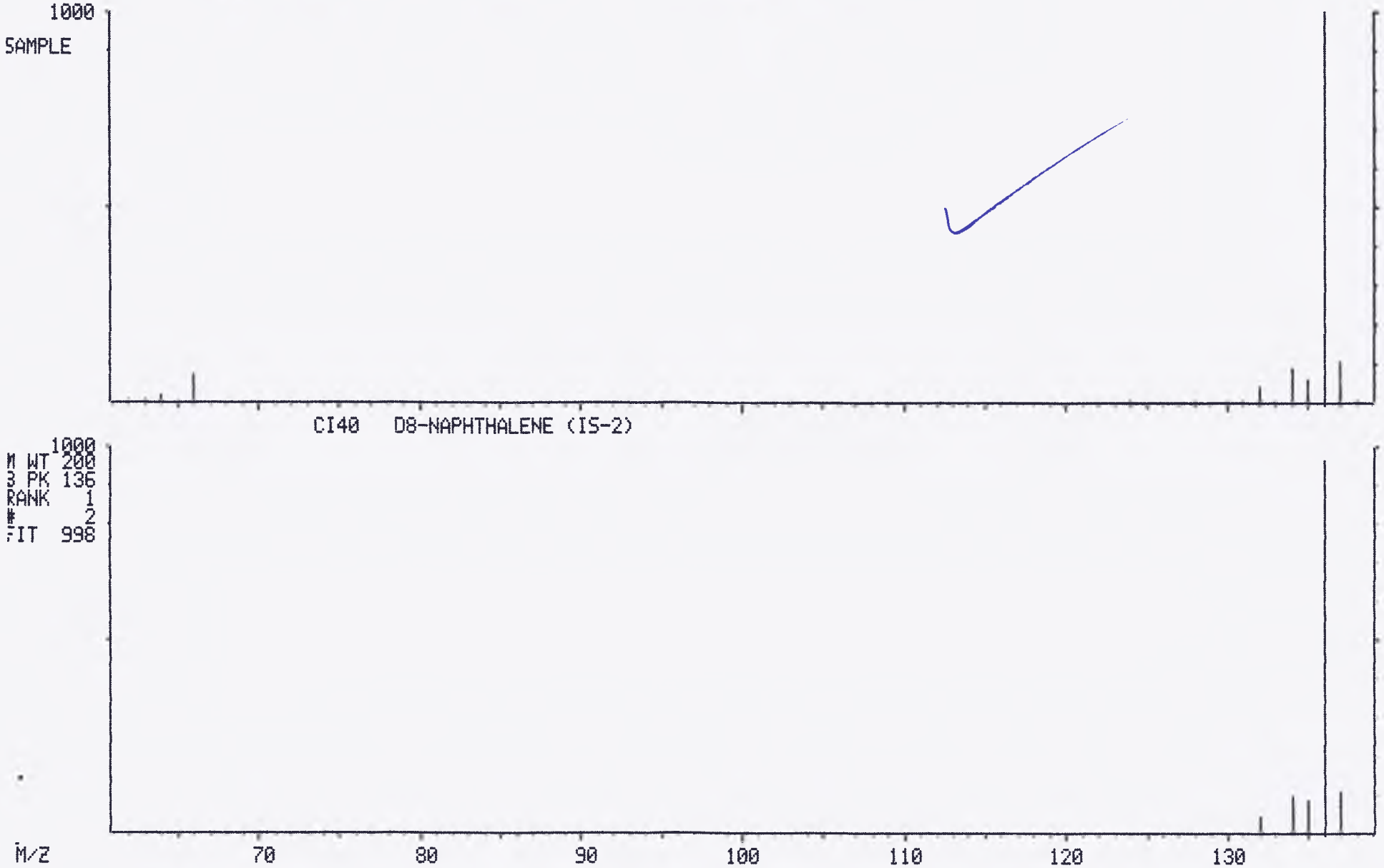
DATA: W130156 #1490 BASE M/Z: 82
5 CALI: W130156 # 5 RIC: 772095.
_D 100% 1ML/2UL INJ
N 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN



MID LIBRARY SEARCH
04/29/91 11:33:00 + 14:32
SAMPLE: W130156 RIDGEFIELD 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: W130156 #1744
CALI: W130156 # 5

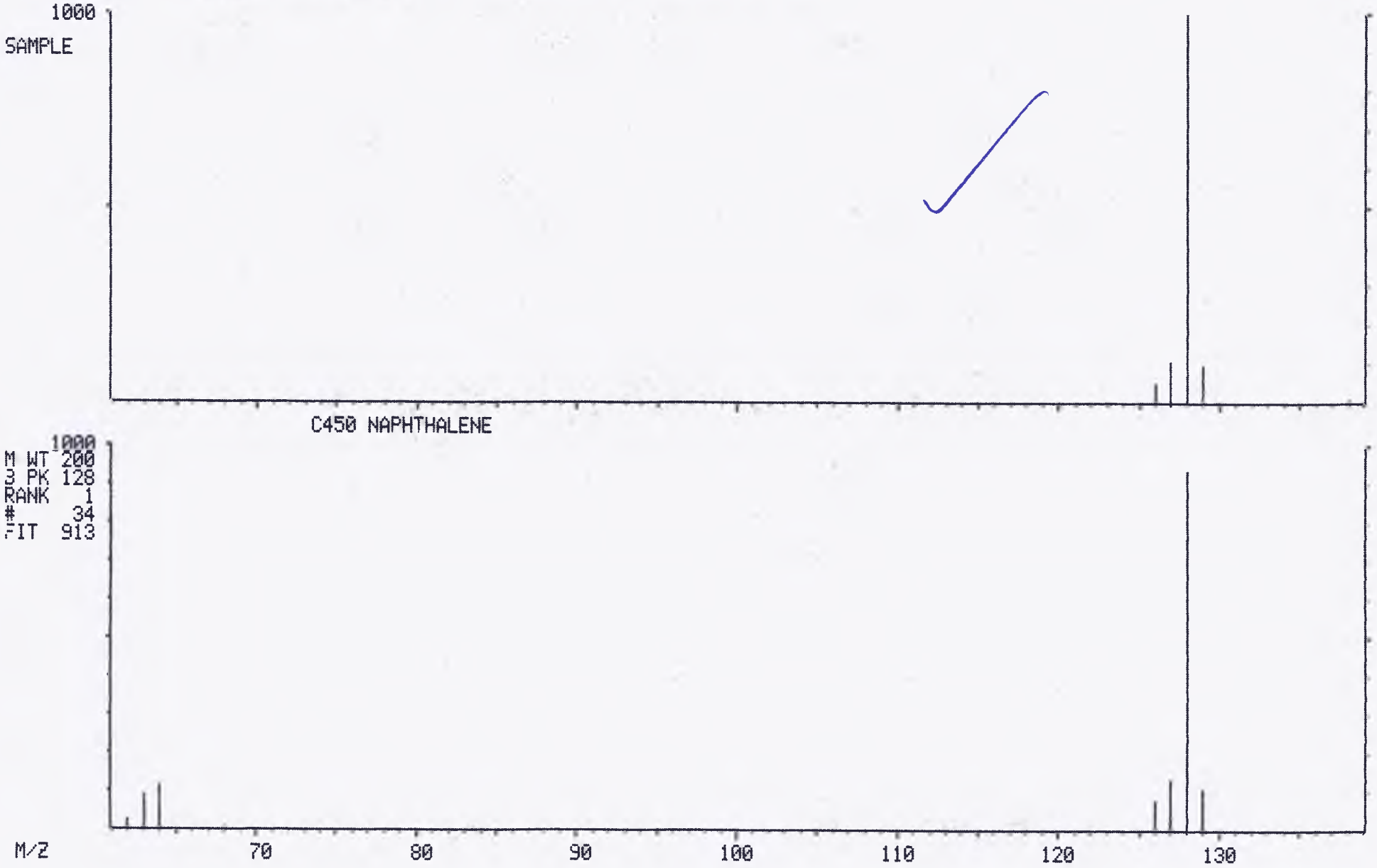
BASE M/Z: 136
RIC: 321535.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 14:35
SAMPLE: W130156 RIDGEFIELD 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: W130156 #1751
CALI: W130156 # 5

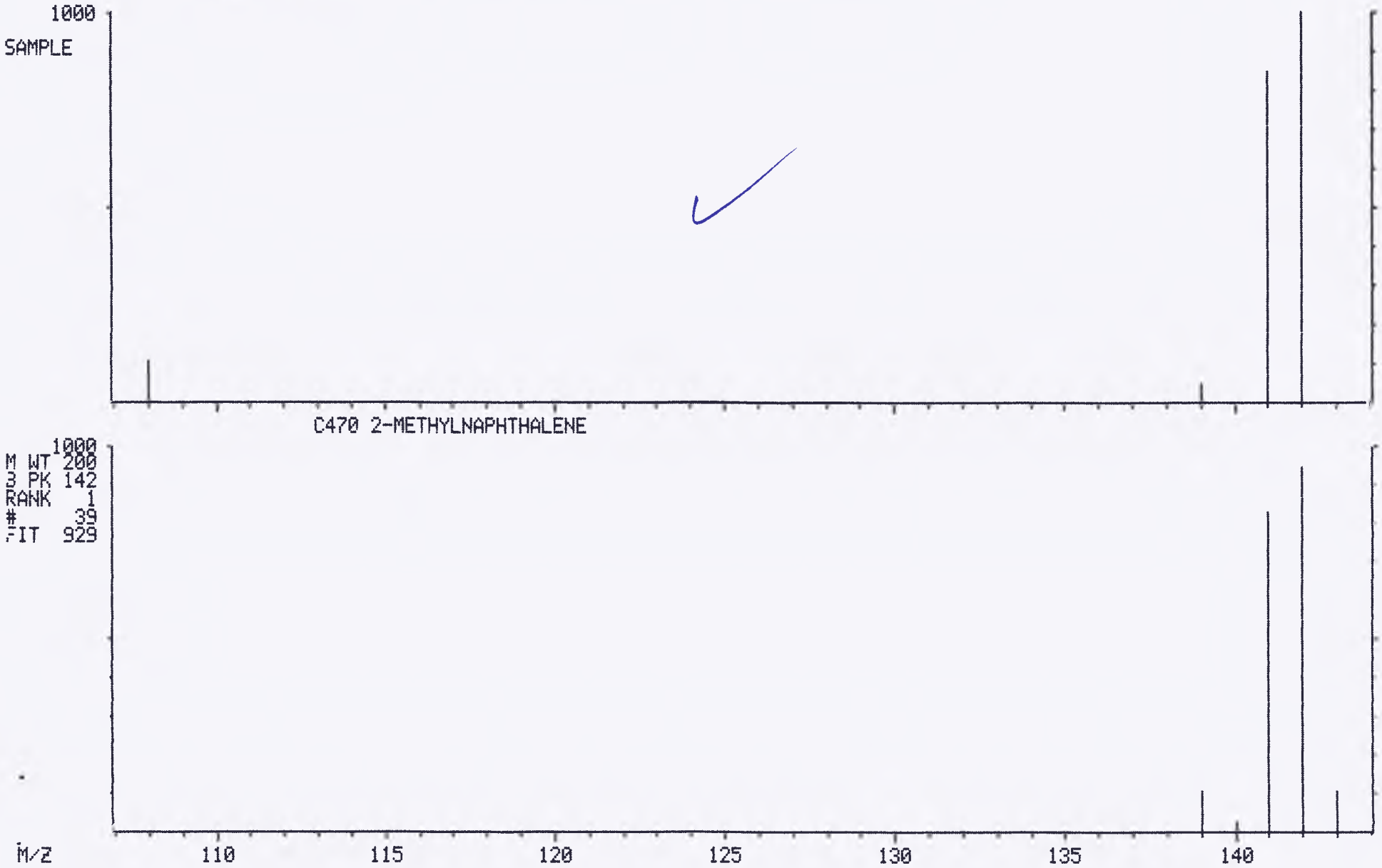
BASE M/Z: 128
RIC: 1595.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 16:46
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2013
CALI: W130156 # 5

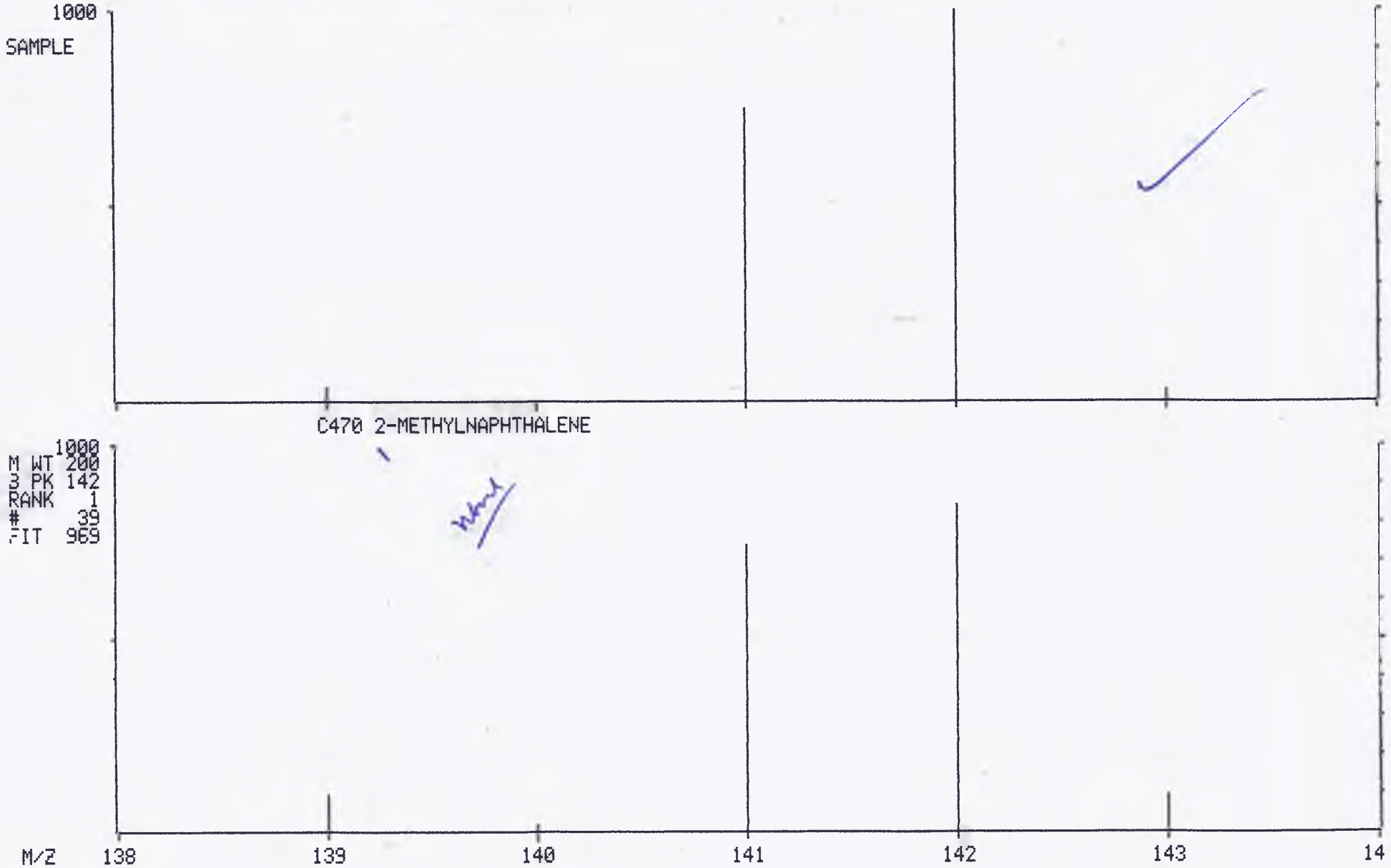
BASE M/Z: 142
RIC: 553.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 17:04
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2048
CALI: W130156 # 5

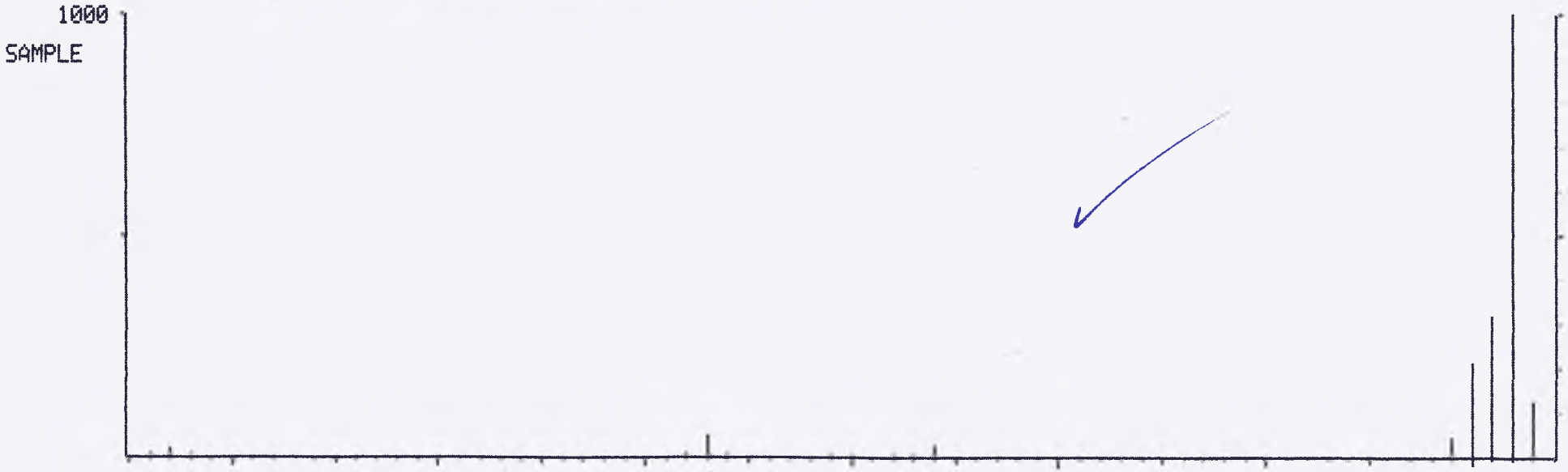
BASE M/Z: 142
RIC: 286.



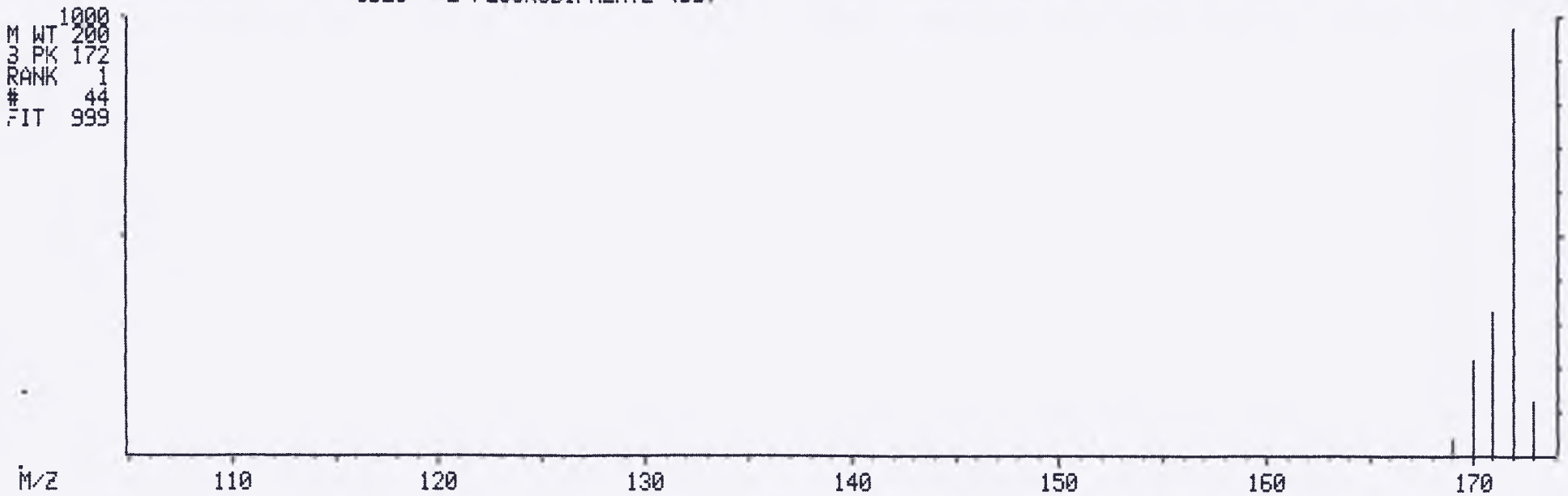
MID LIBRARY SEARCH
04/29/91 11:33:00 + 18:02
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
ENHANCED (S 15B 2N 0T)

DATA: W130156 #2165
CALI: W130156 # 5

BASE M/Z: 172
RIC: 1043450.



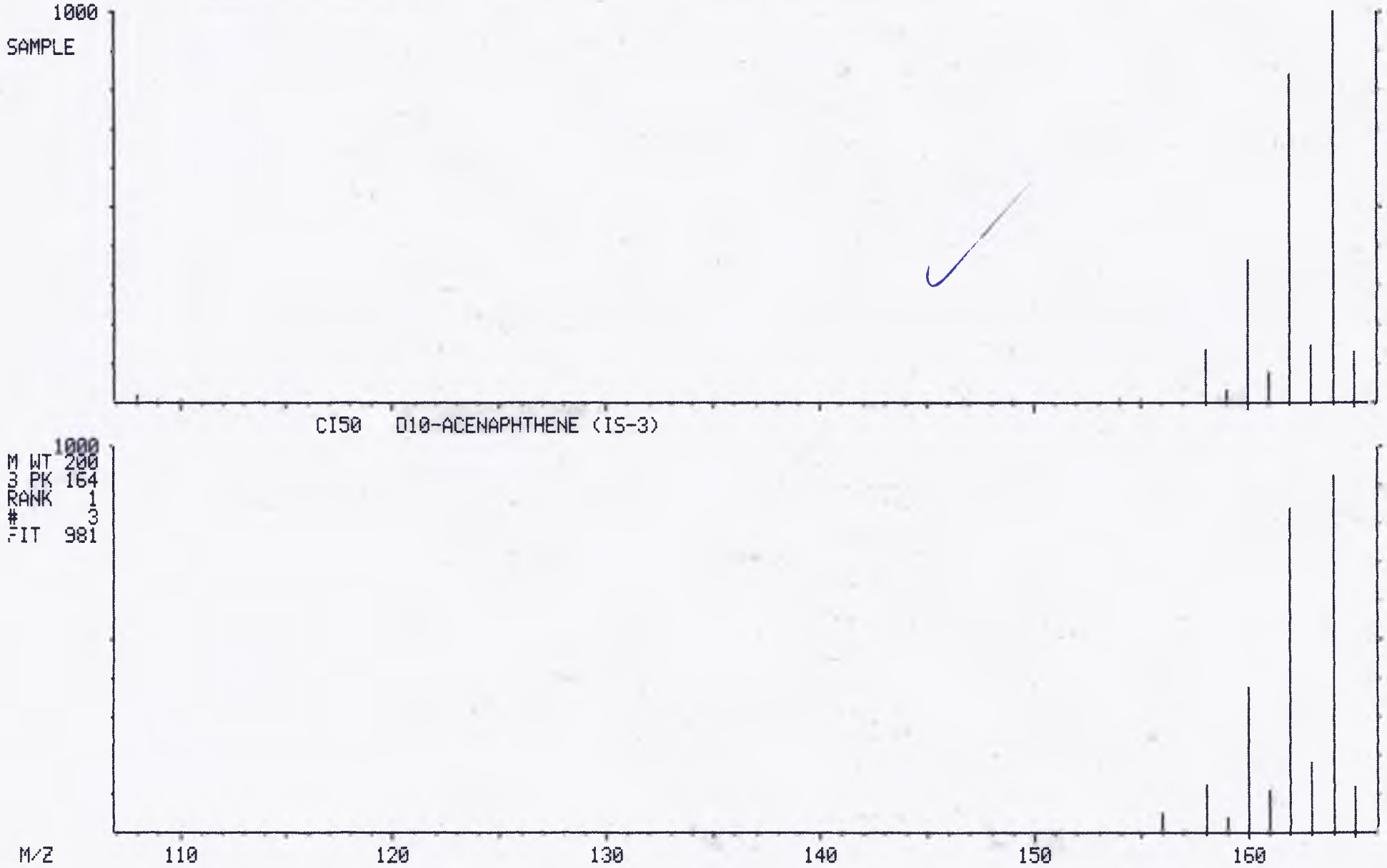
CS25 2-FLUOROBIPHENYL (SS)



MID LIBRARY SEARCH
04/29/91 11:33:00 + 20:03
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2406
CALI: W130156 # 5

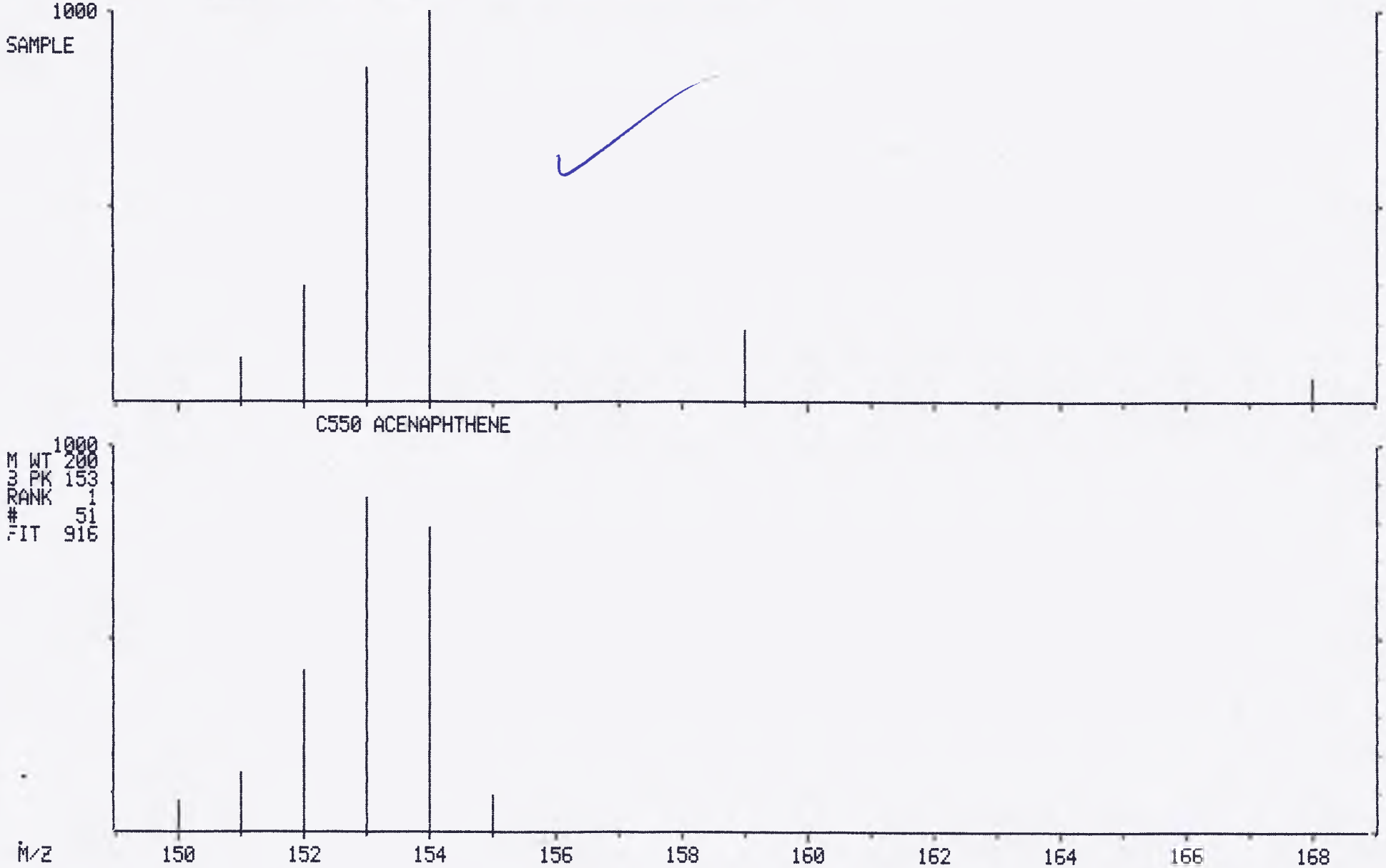
BASE M/Z: 164
RIC: 270335.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 20:09
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2418
CALI: W130156 # 5

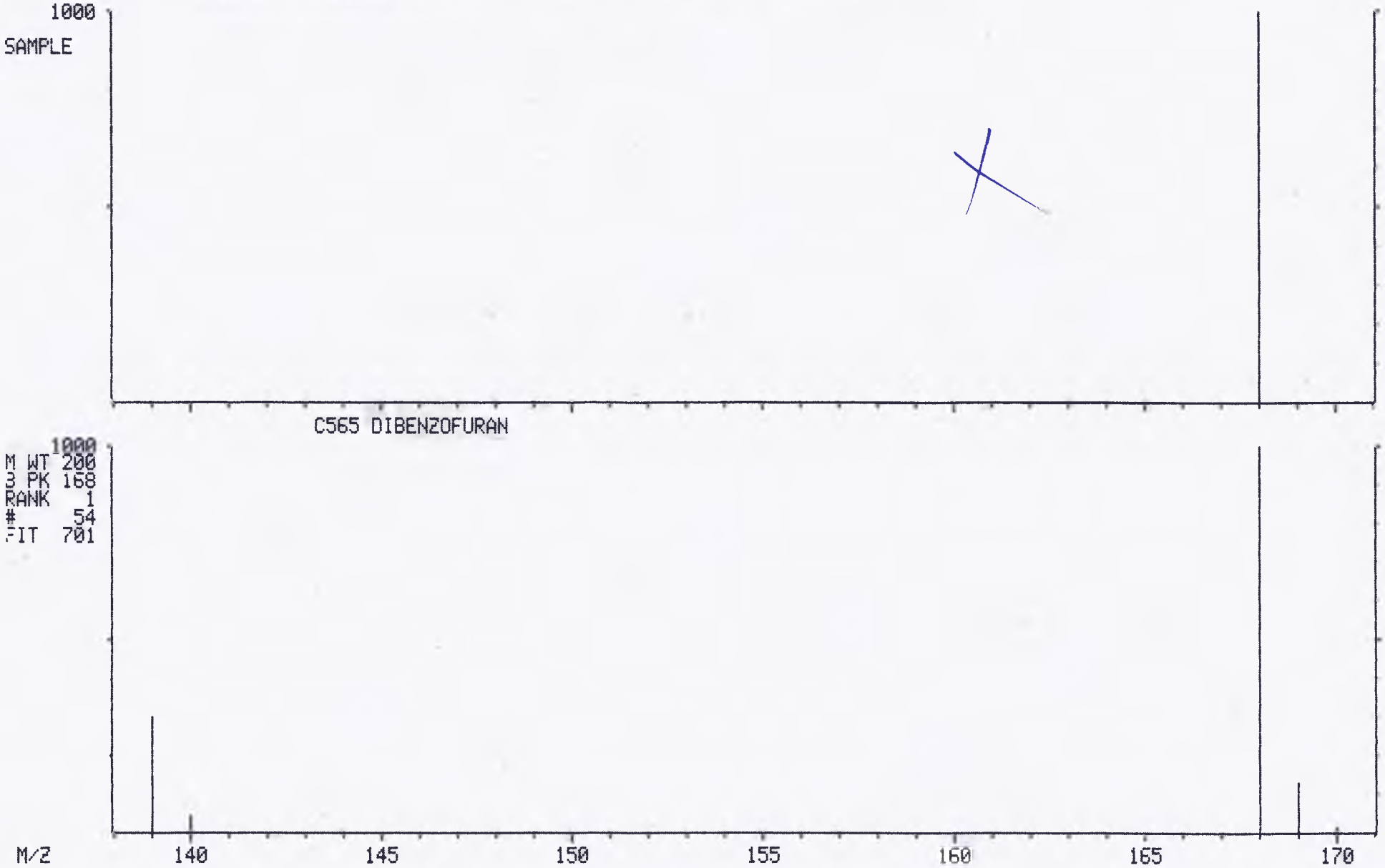
BASE M/Z: 154
RIC: 204.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 20:43
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2486
CALI: W130156 # 5

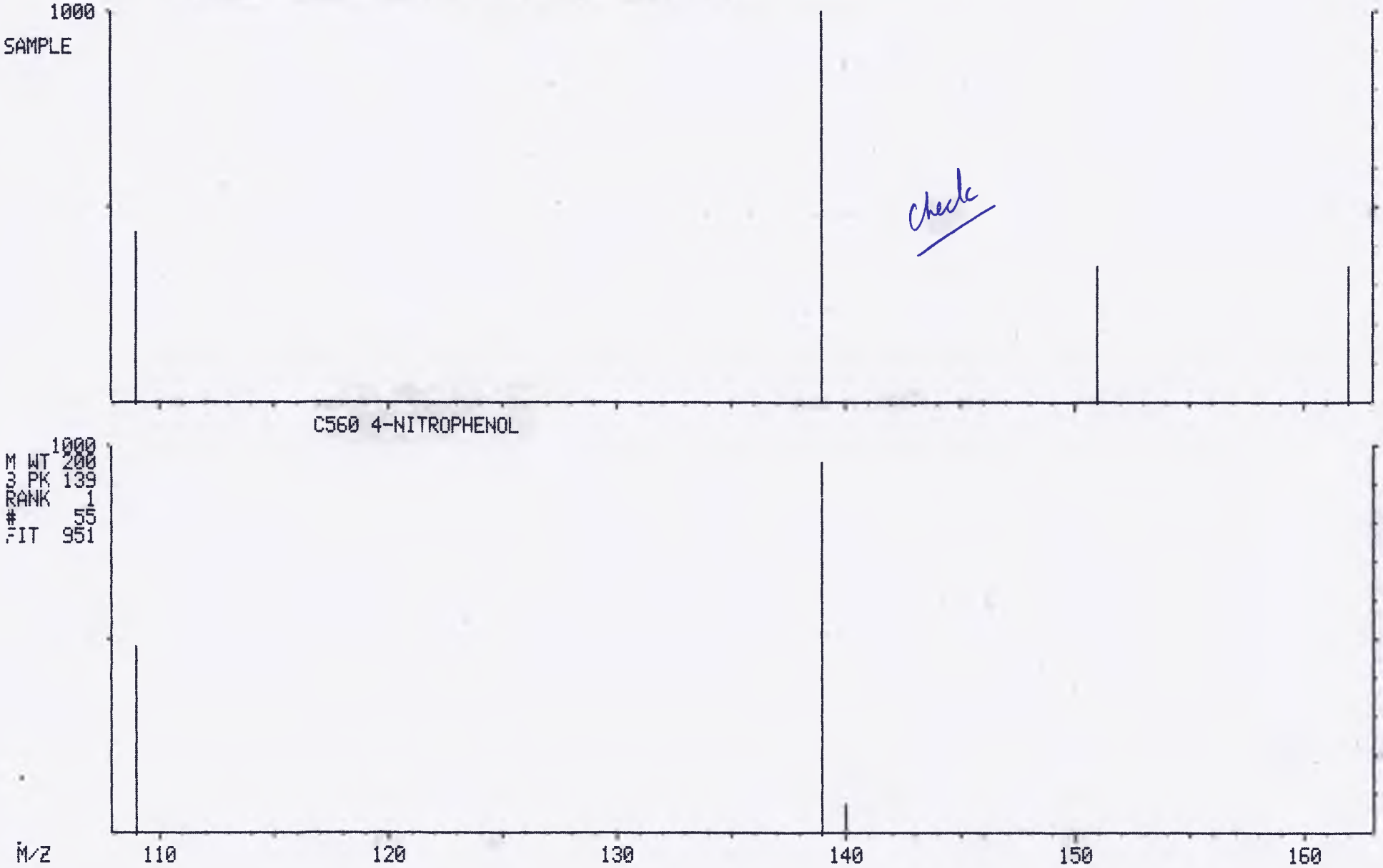
BASE M/Z: 168
RIC: 160.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 20:44
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2488
CALI: W130156 # 5

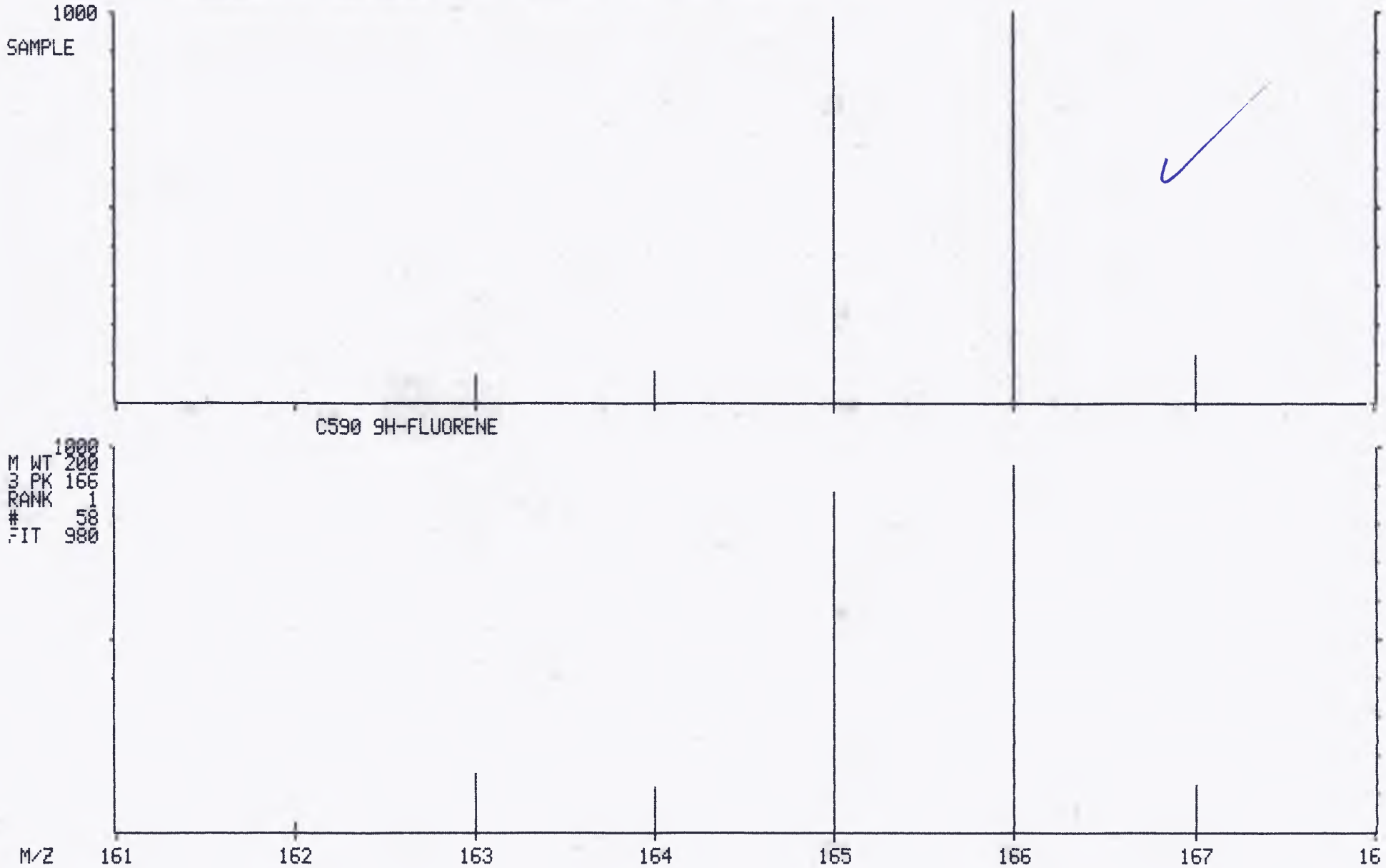
BASE M/Z: 139
RIC: 48.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 21:49
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2618
CALI: W130156 # 5

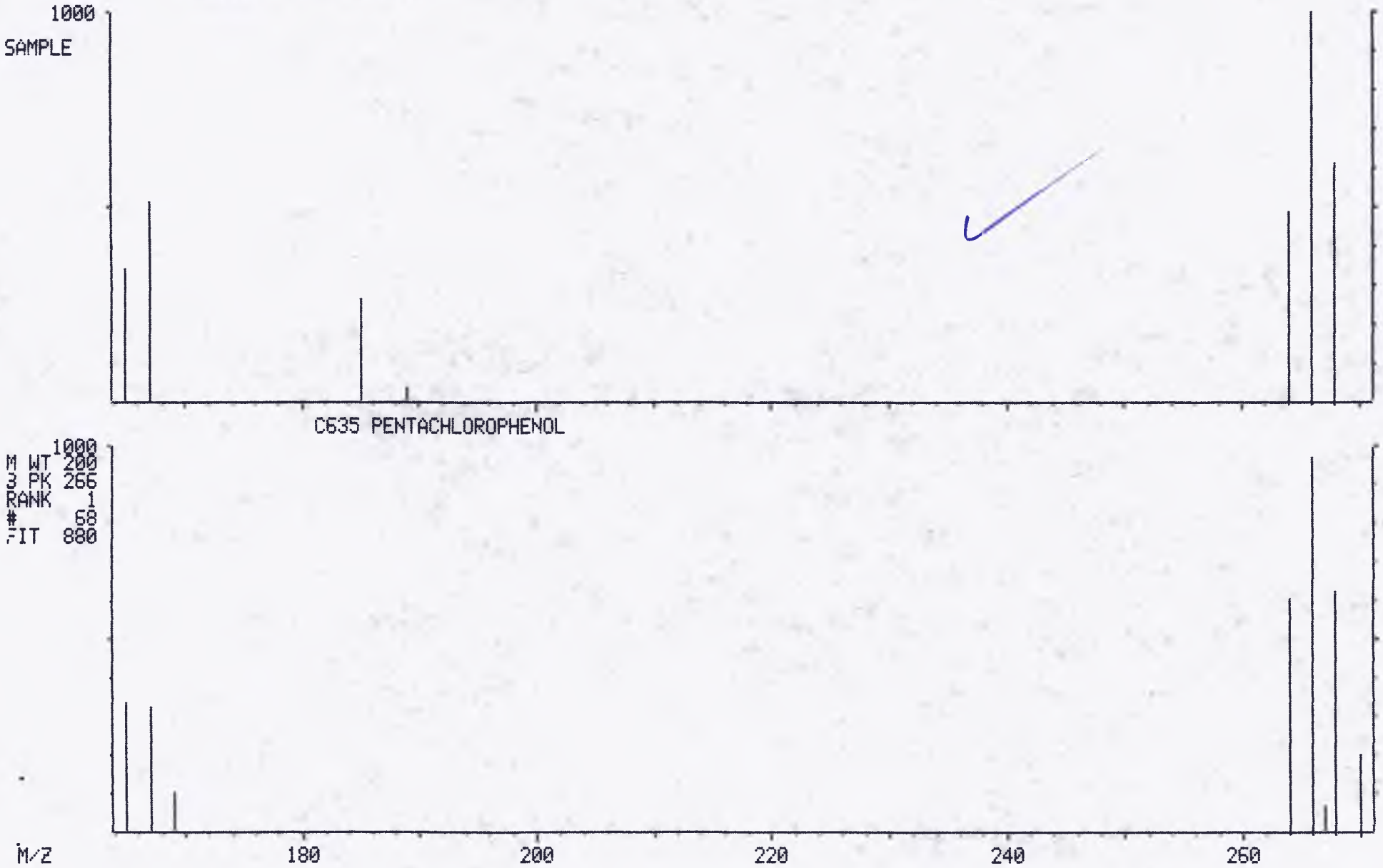
BASE M/Z: 166
RIC: 166.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 24:16
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2912
CALI: W130156 # 5

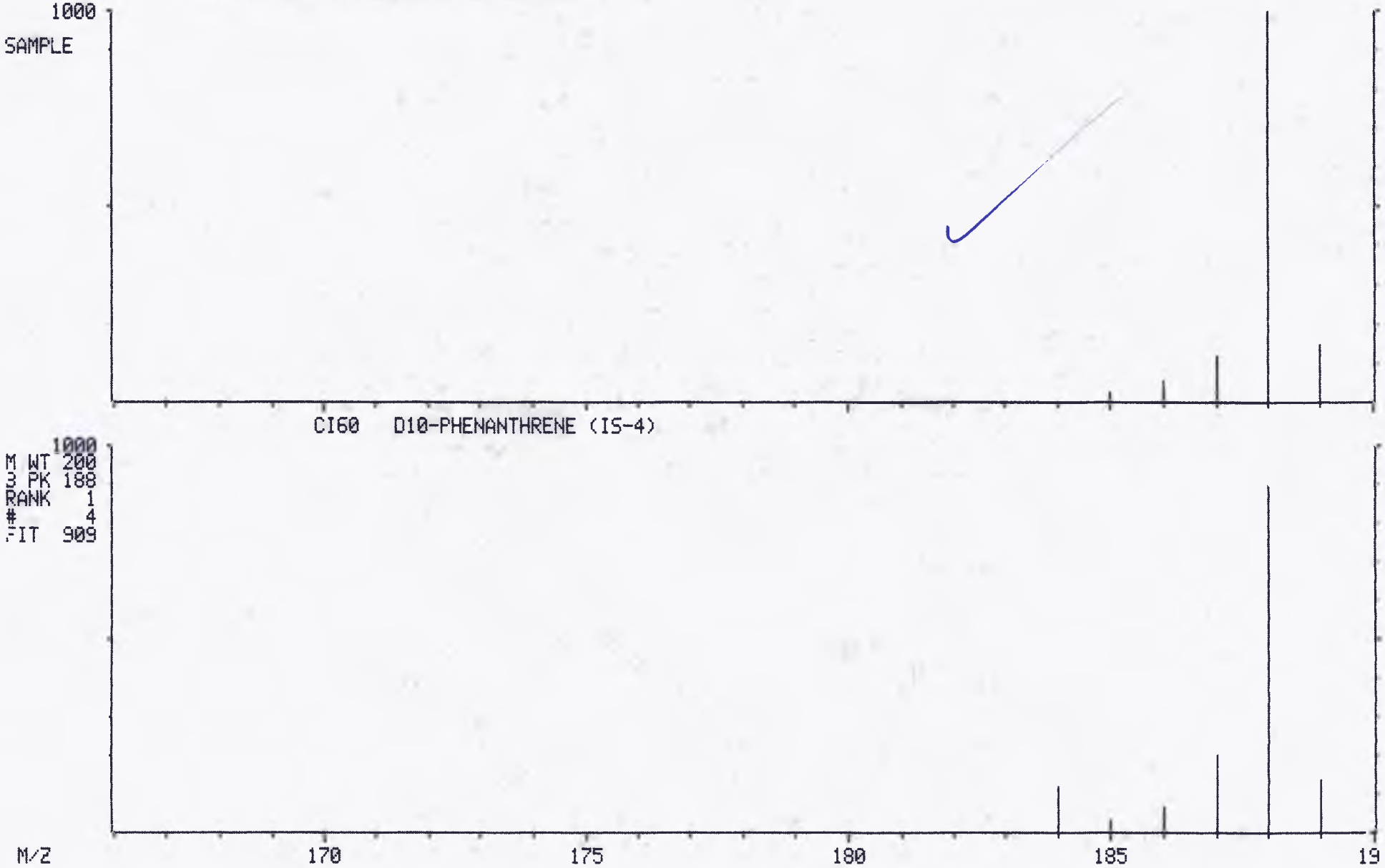
BASE M/Z: 266
RIC: 341.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 24:47
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2975
CALI: W130156 # 5

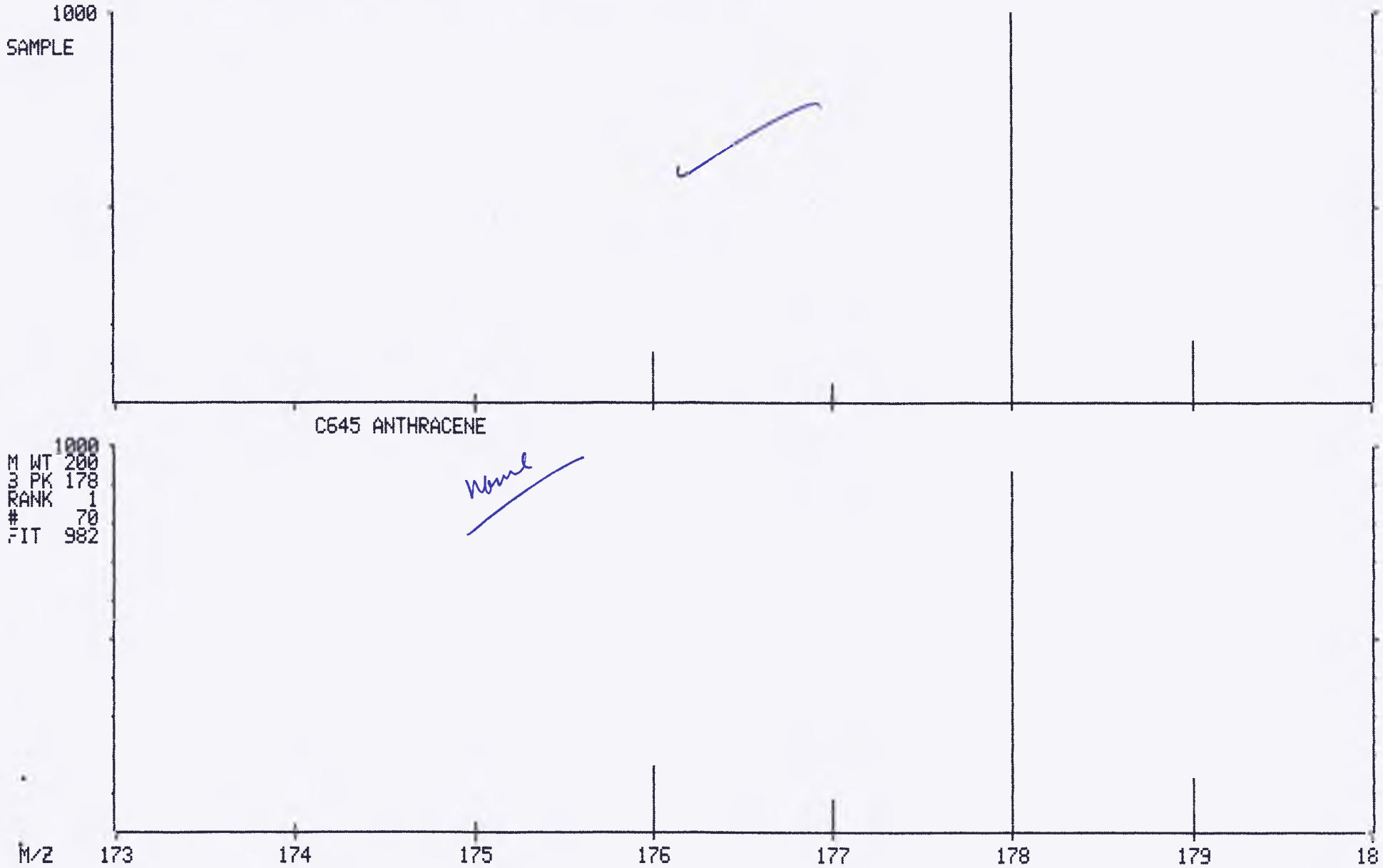
BASE M/Z: 188
RIC: 141055.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 24:51
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2983
CALI: W130156 # 5

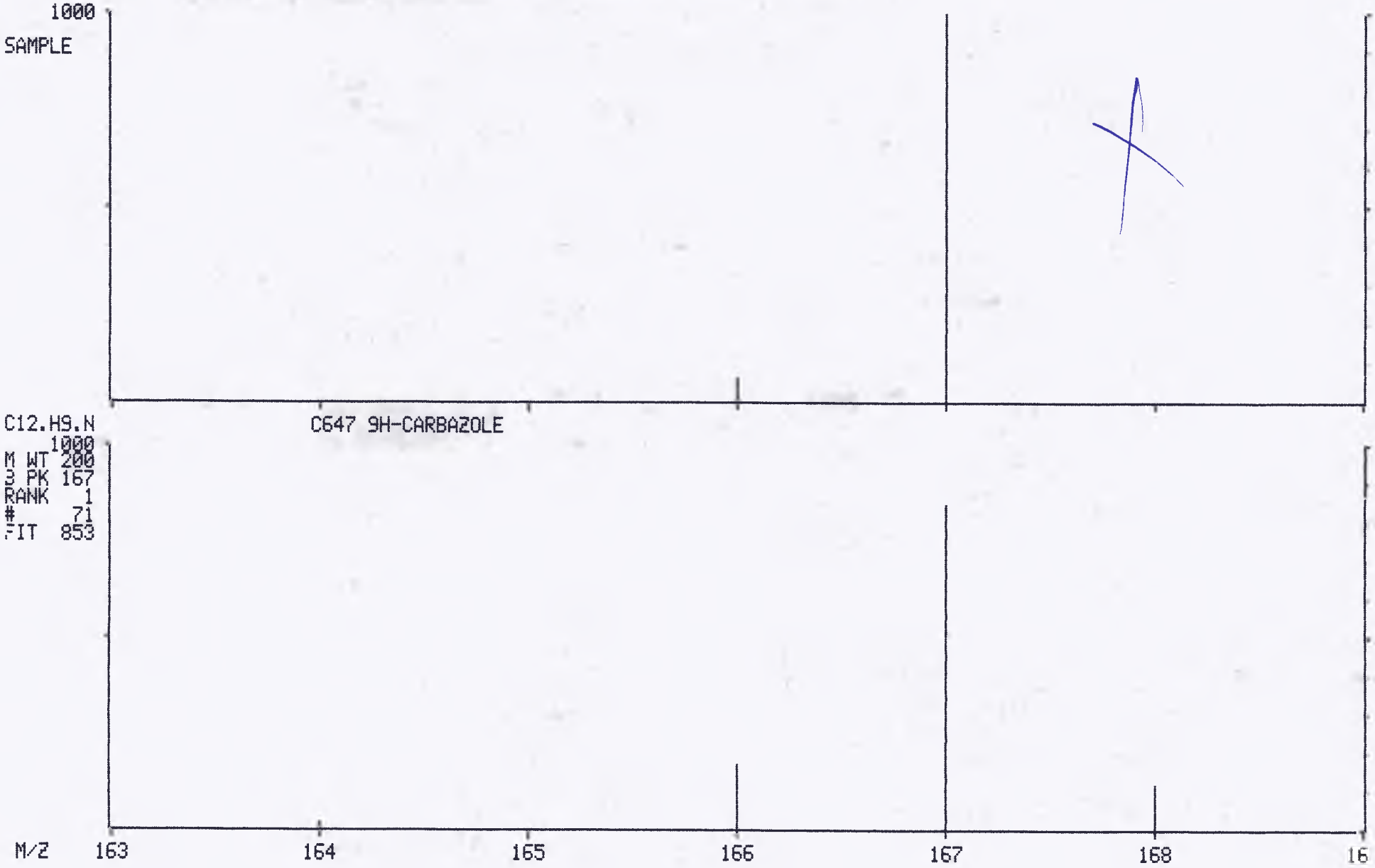
BASE M/Z: 178
RIC: 736.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 25:39
SAMPLE: W130156 RIDGEFIELD 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: W130156 #3079
CALI: W130156 # 5

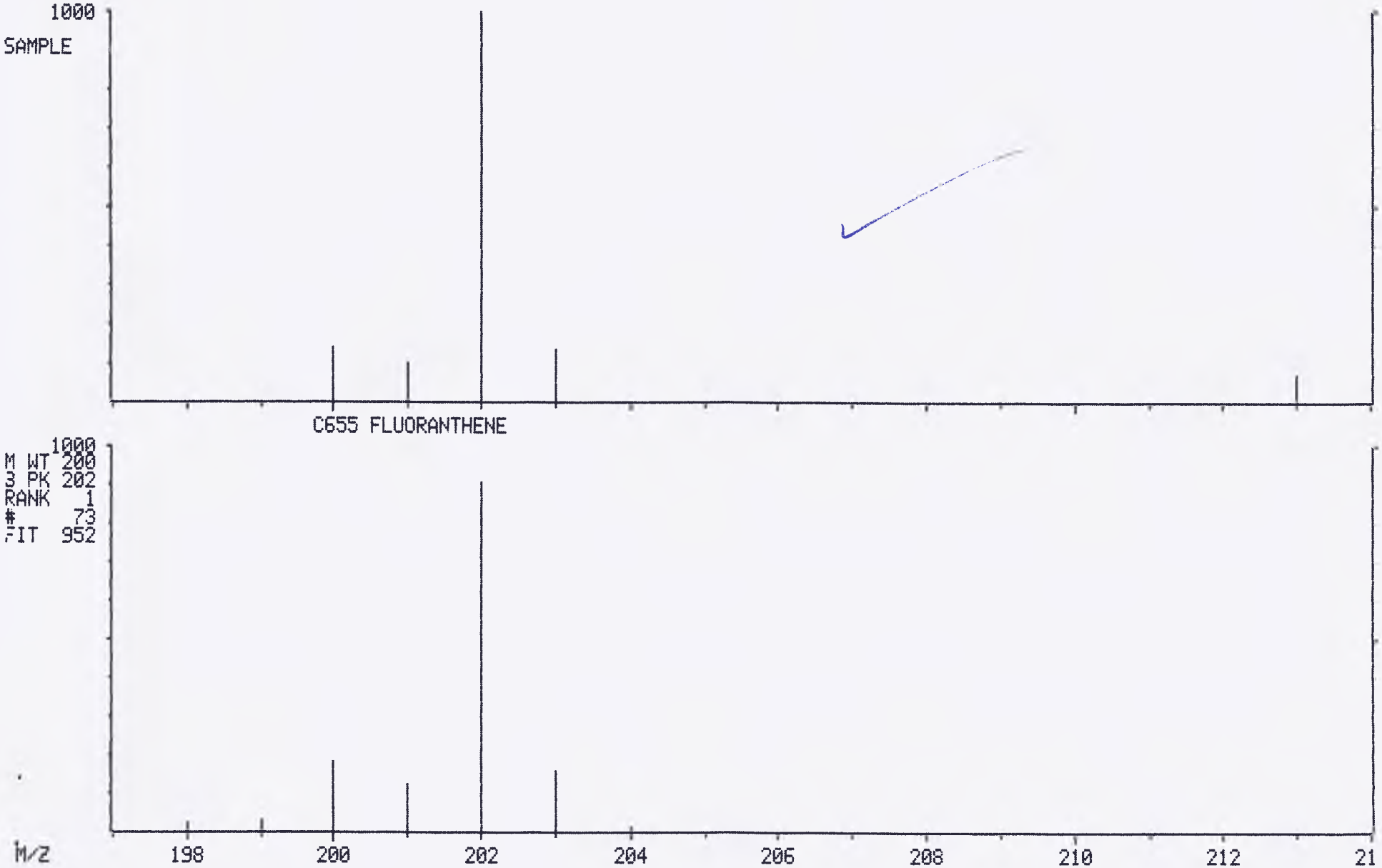
BASE M/Z: 167
RIC: 93.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 28:44
SAMPLE: W130156 RIDGEFIELD 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: W130156 #3448
CALI: W130156 # 5

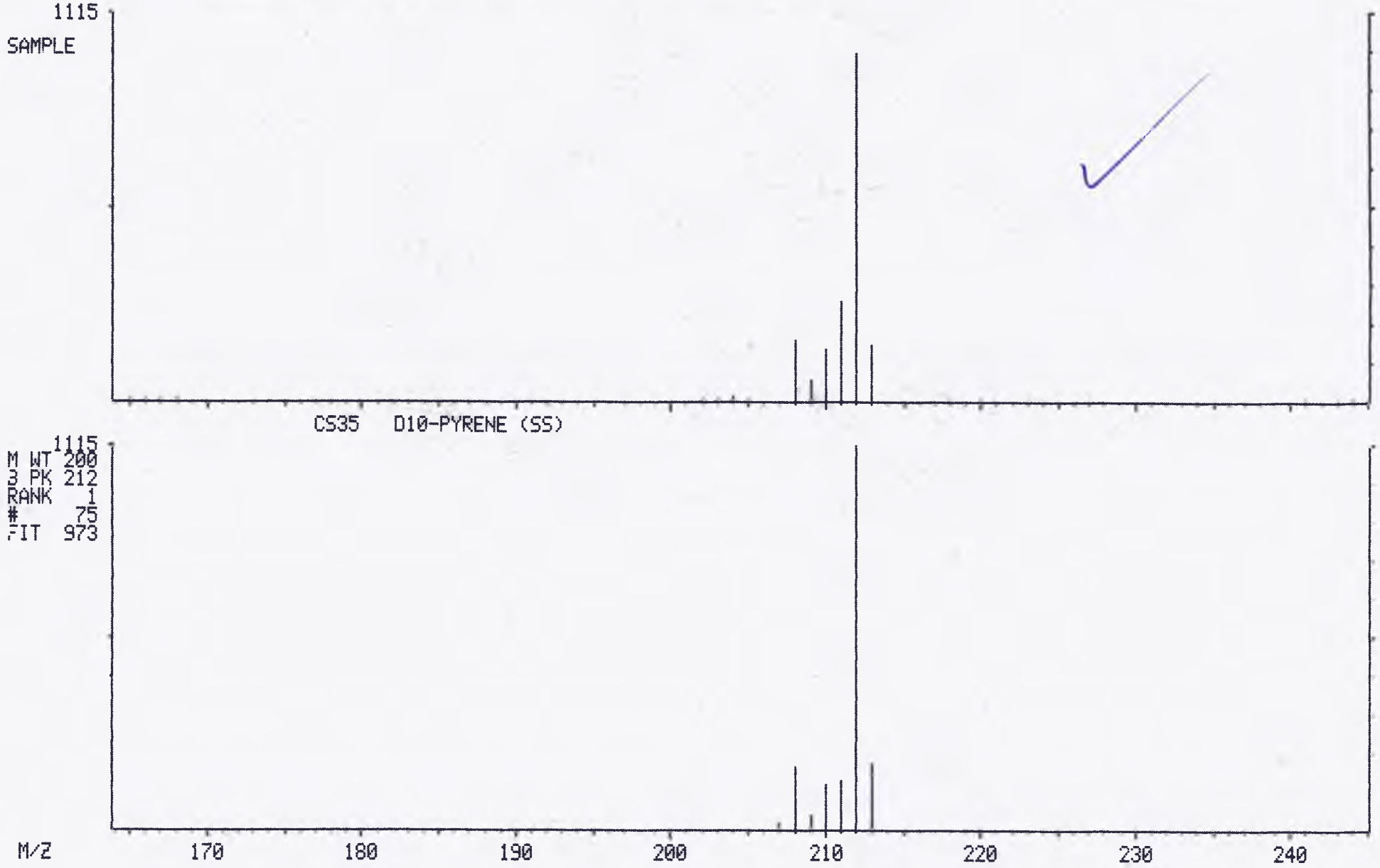
BASE M/Z: 202
RIC: 551.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 29:24
SAMPLE: W130156 RIDGEFIELD 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: W130156 #3528
CALI: W130156 # 5

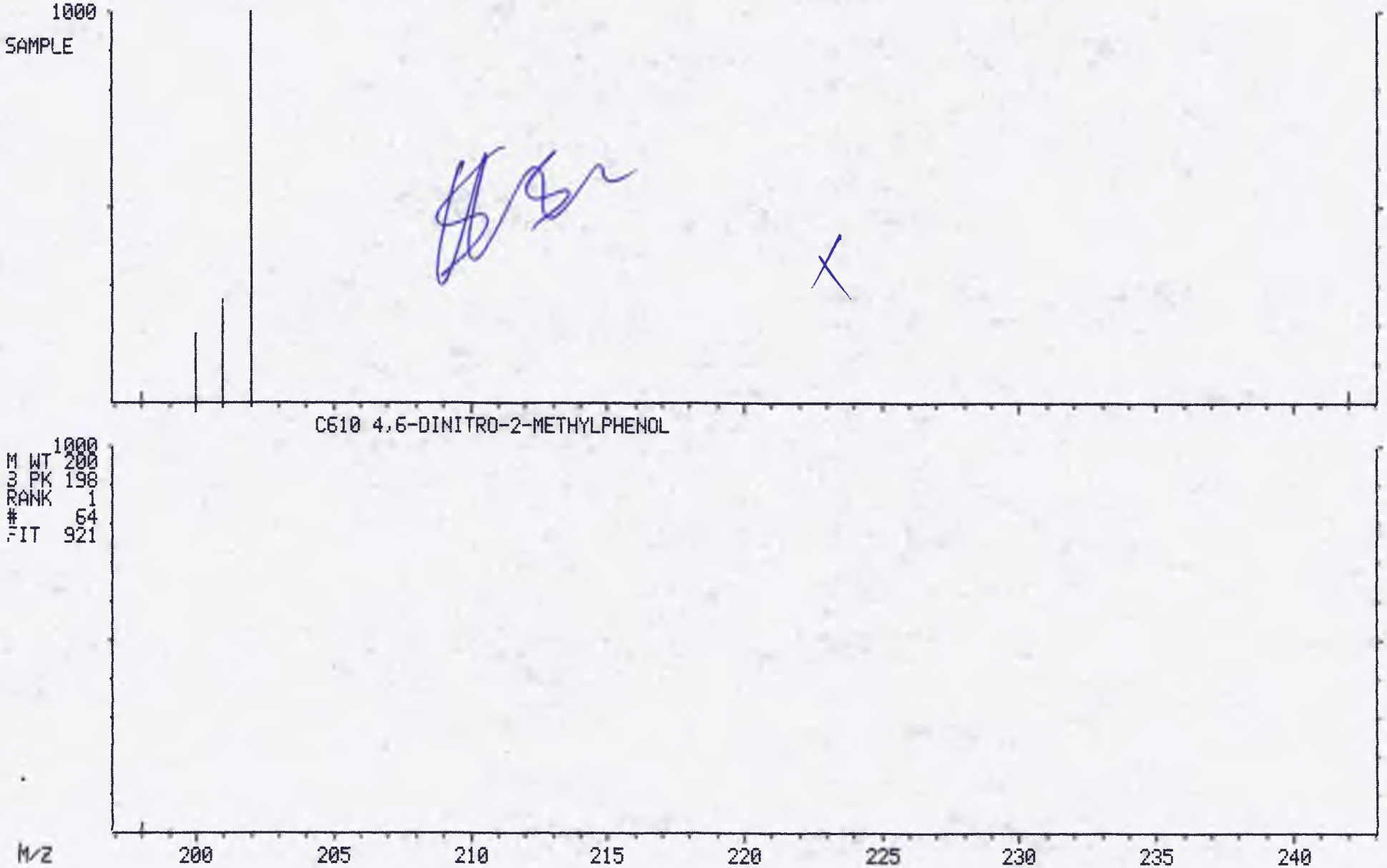
BASE M/Z: 212
RIC: 428031.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 29:27
SAMPLE: W130156 RIDGEFIELD 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: W130156 #3534
CALI: W130156 # 5

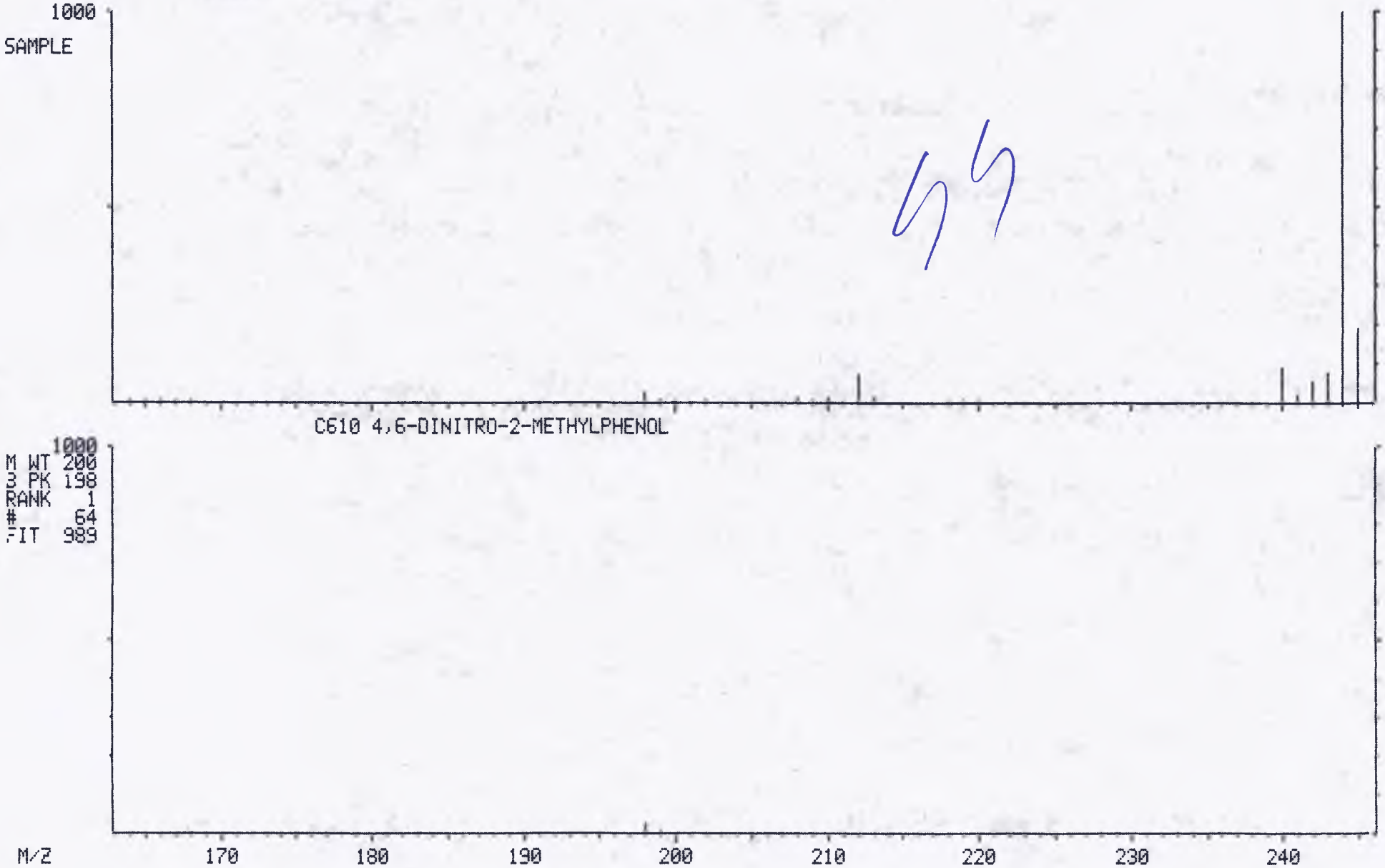
BASE M/Z: 202
RIC: 284.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 30:11
SAMPLE: W130156 RIDGEFIELD 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: W130156 #3622
CALI: W130156 # 5

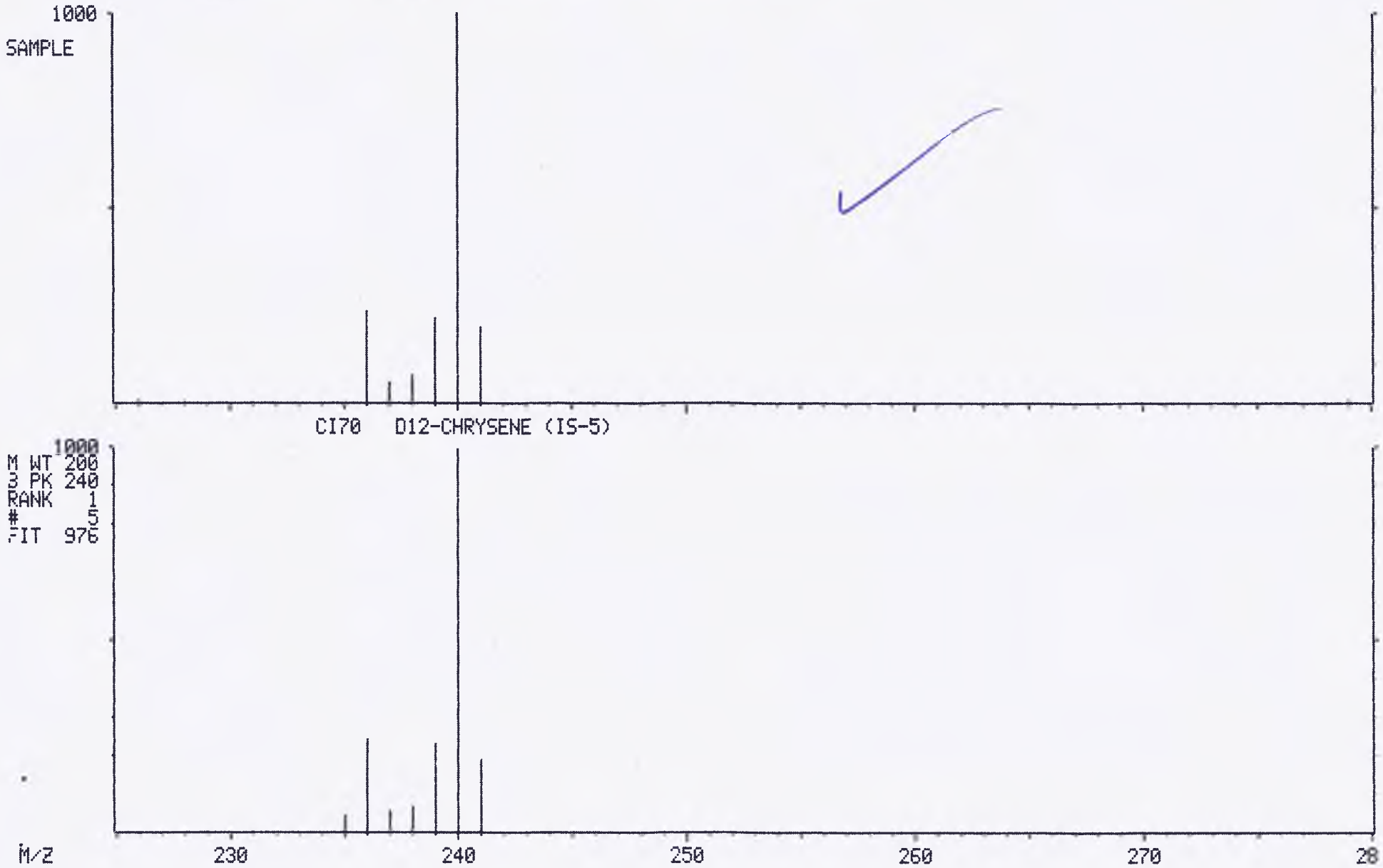
BASE M/Z: 244
RIC: 437247.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 33:26
SAMPLE: W130156 RIDGEFIELD 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: W130156 #4013
CALI: W130156 # 5

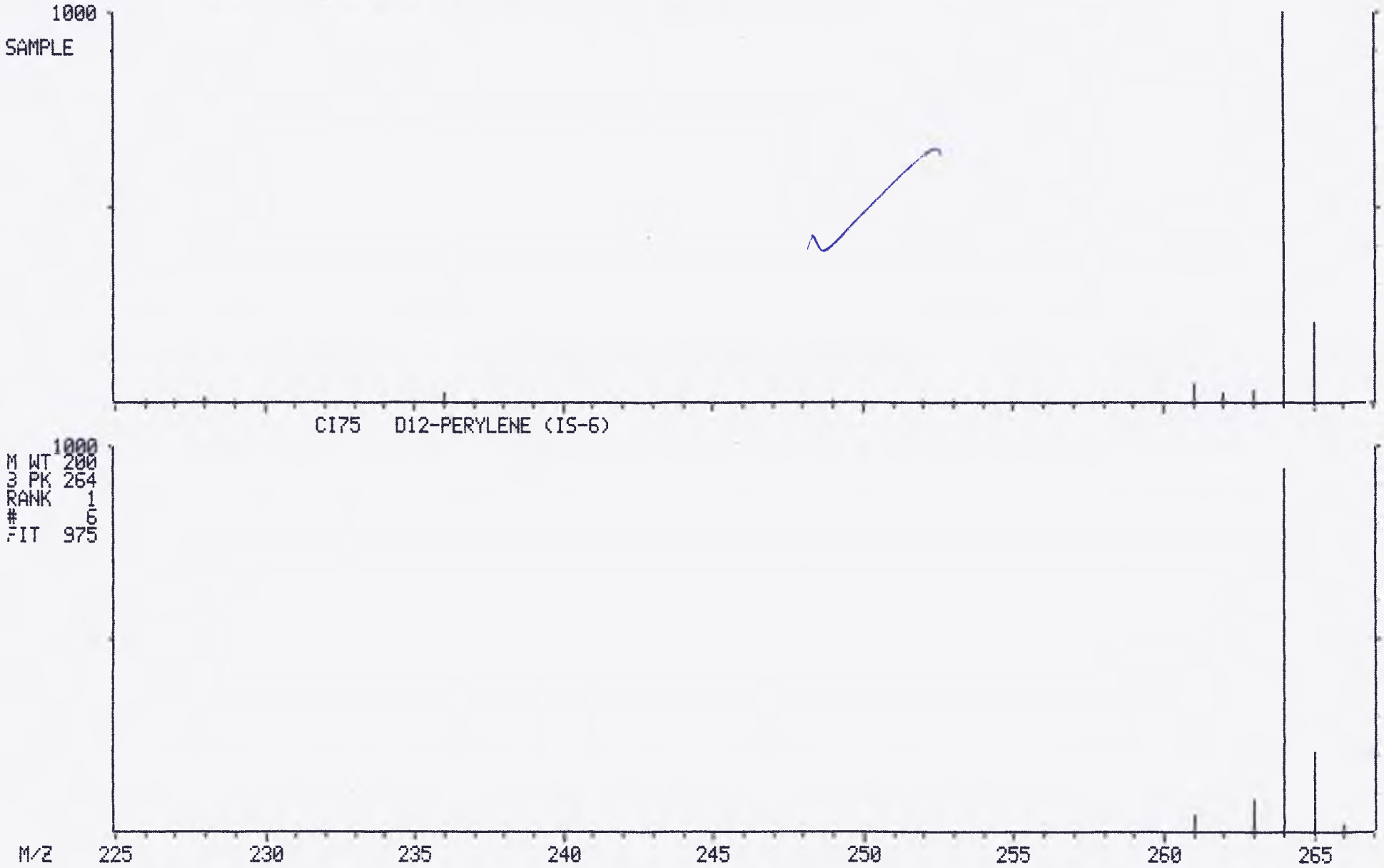
BASE M/Z: 240
RIC: 64639.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 37:47
SAMPLE: W130156 RIDGEFIELD 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: W130156 #4535
CALI: W130156 # 5

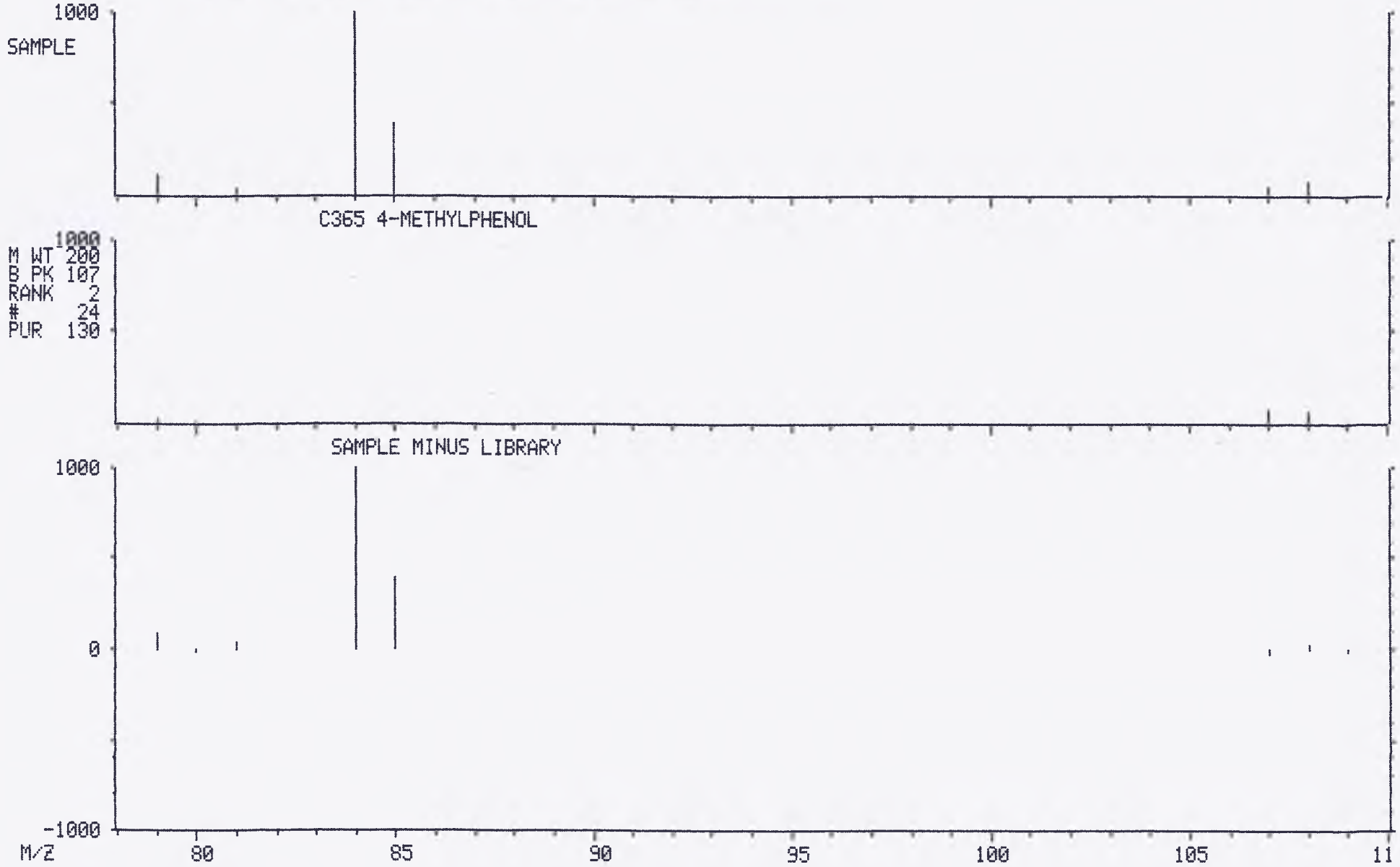
BASE M/Z: 264
RIC: 39679.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 12:10
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
#1458 TO #1462 SUMMED - #1468 - #1447 X1.00

DATA: W130156 #1460
CALI: W130156 # 5

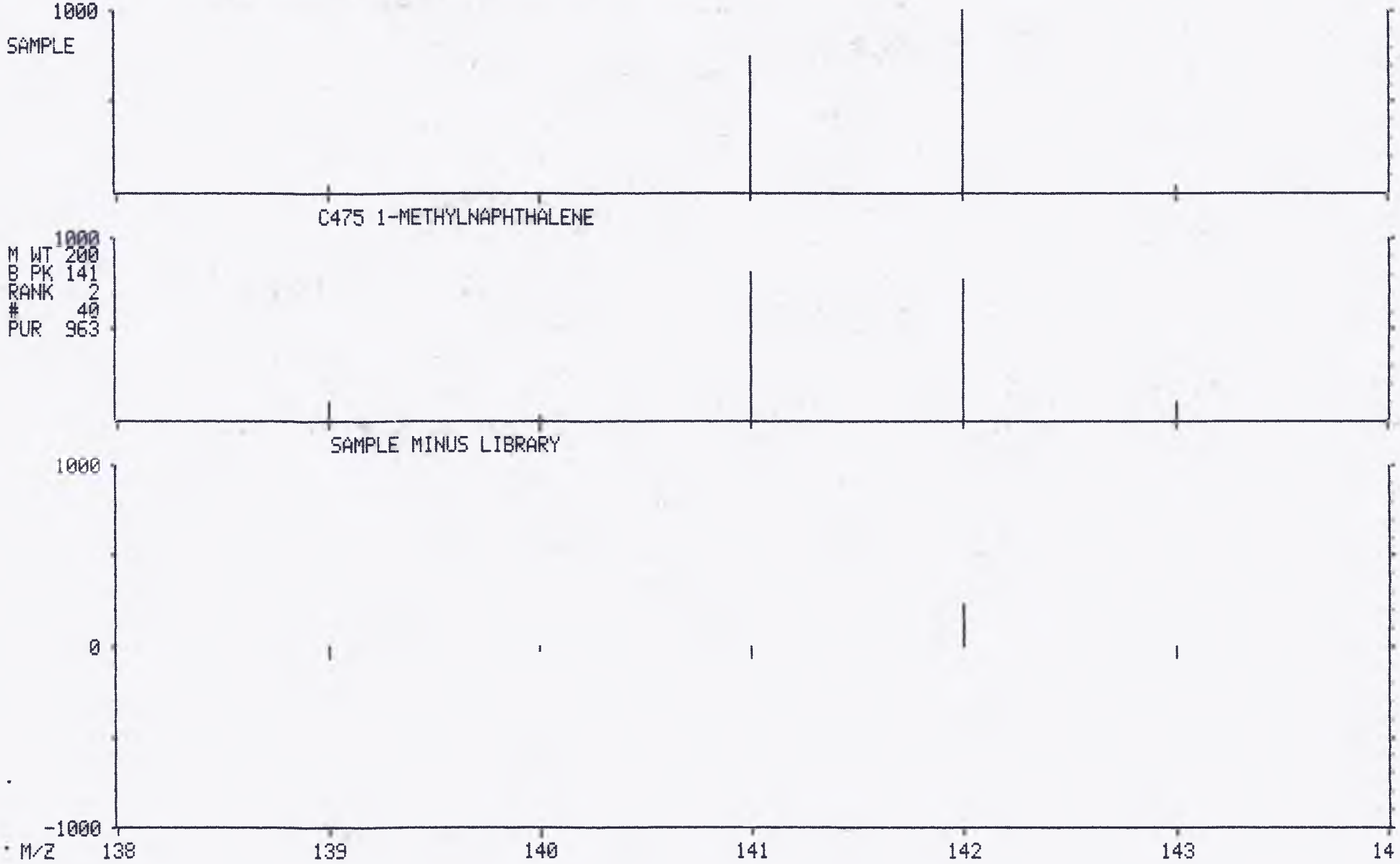
BASE M/Z: 84
RIC: 1161.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 17:04
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2048
CALI: W130156 # 5

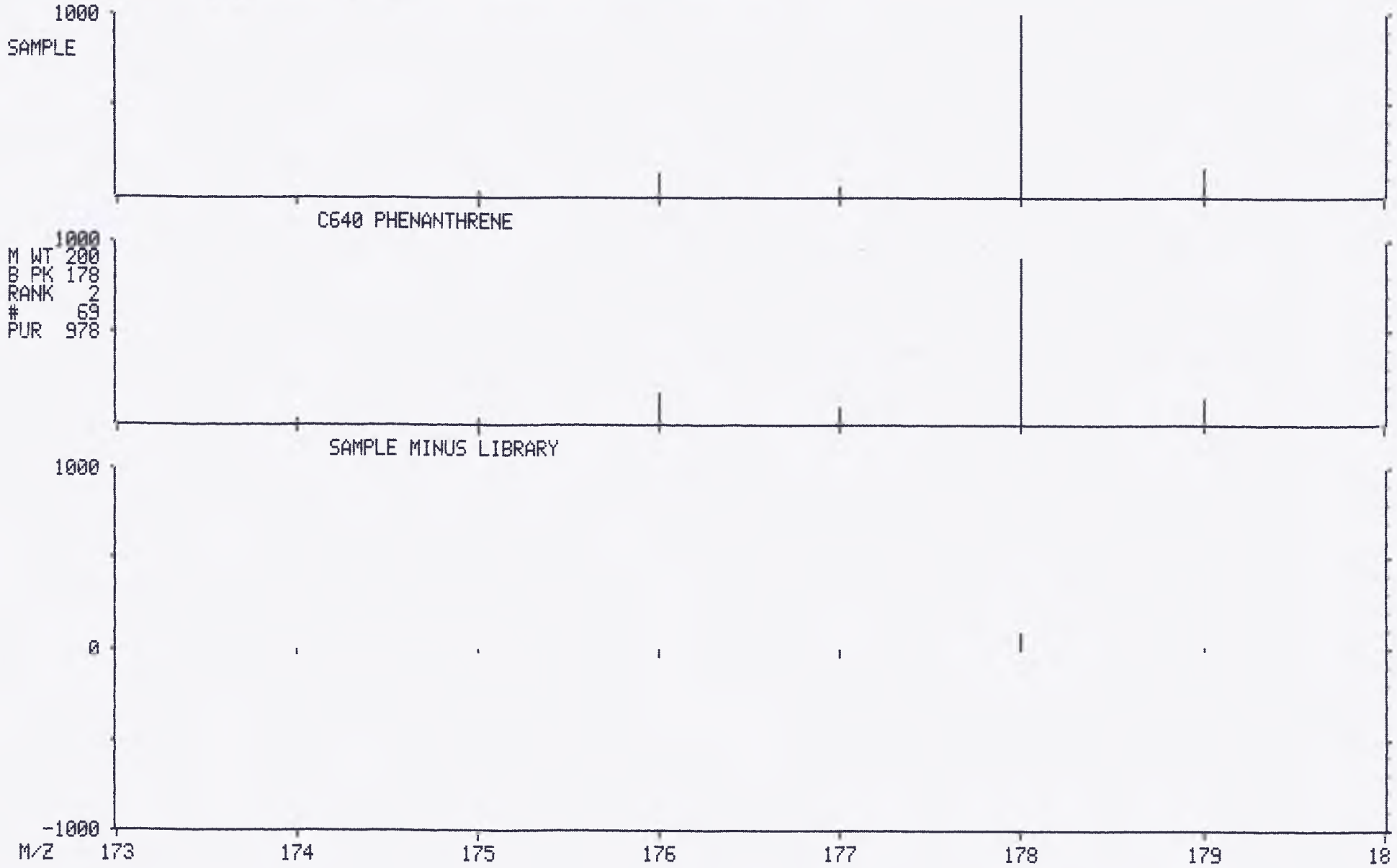
BASE M/Z: 142
RIC: 286.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 24:51
SAMPLE: W130156 RIDGEFIELD 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: W130156 #2983
CALI: W130156 # 5

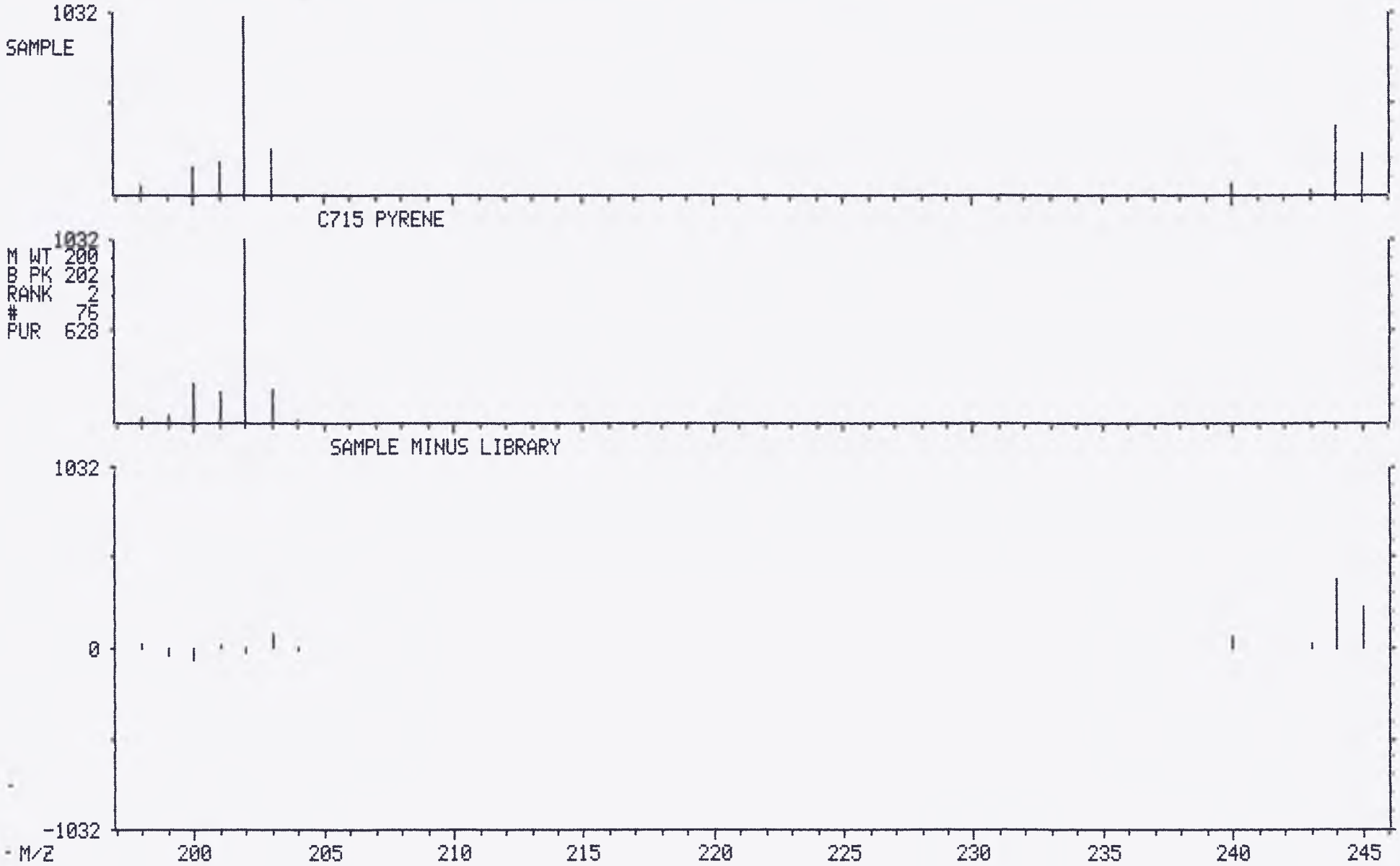
BASE M/Z: 178
RIC: 736.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 29:27
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
#3534 - #3522 X1.00

DATA: W130156 #3534
CALI: W130156 # 5

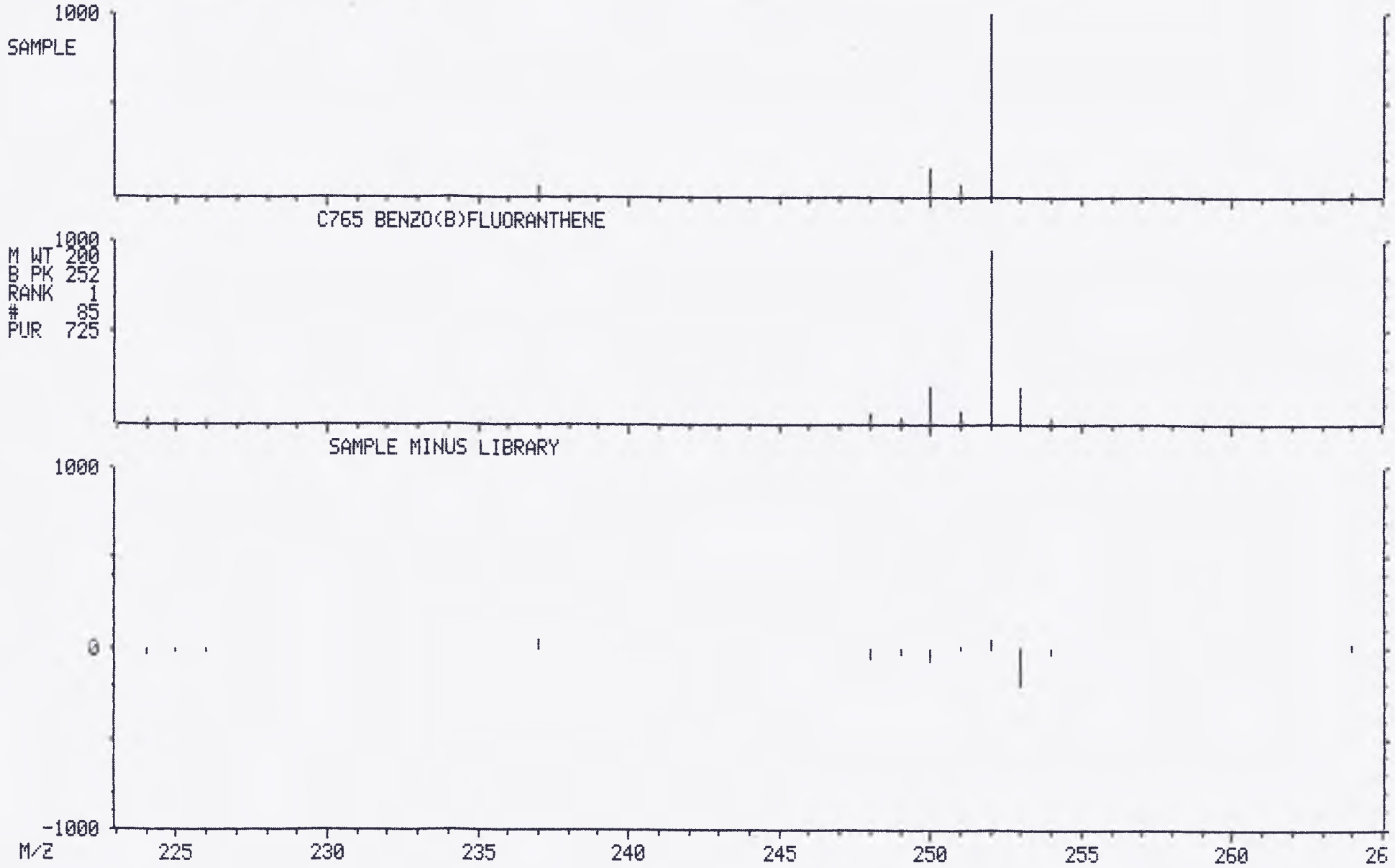
BASE M/Z: 202
RIC: 783.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 36:43
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
#4407 - #4402 X1.00

DATA: W130156 #4407
CALI: W130156 # 5

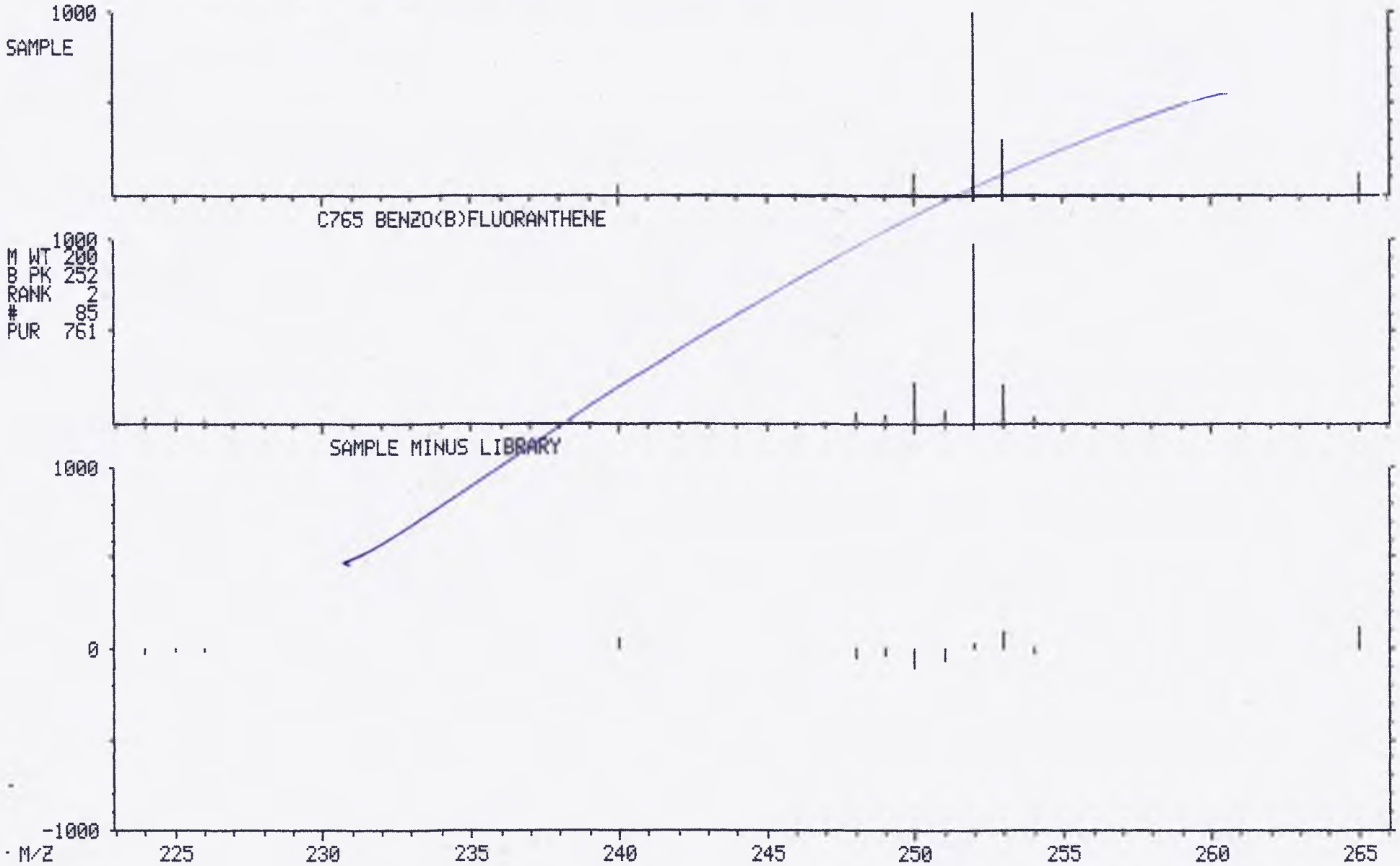
BASE M/Z: 252
RIC: 315.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 36:48
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
#4417 - #4421 X1.00

DATA: W130156 #4417
CALI: W130156 # 5

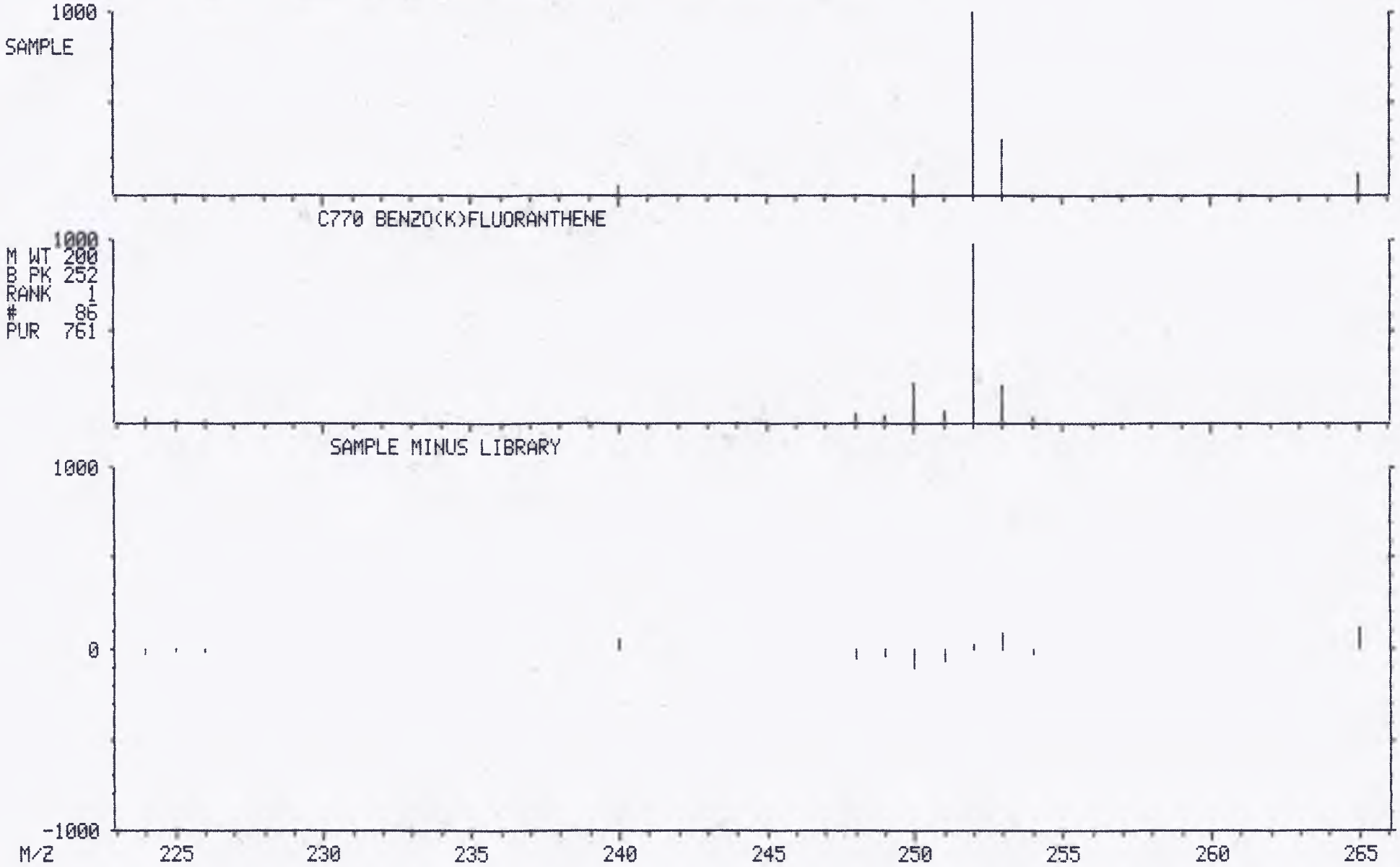
BASE M/Z: 252
RIC: 341.



MID LIBRARY SEARCH
04/29/91 11:33:00 + 36:48
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
#4417 - #4421 X1.00

DATA: W130156 #4417
CALI: W130156 # 5

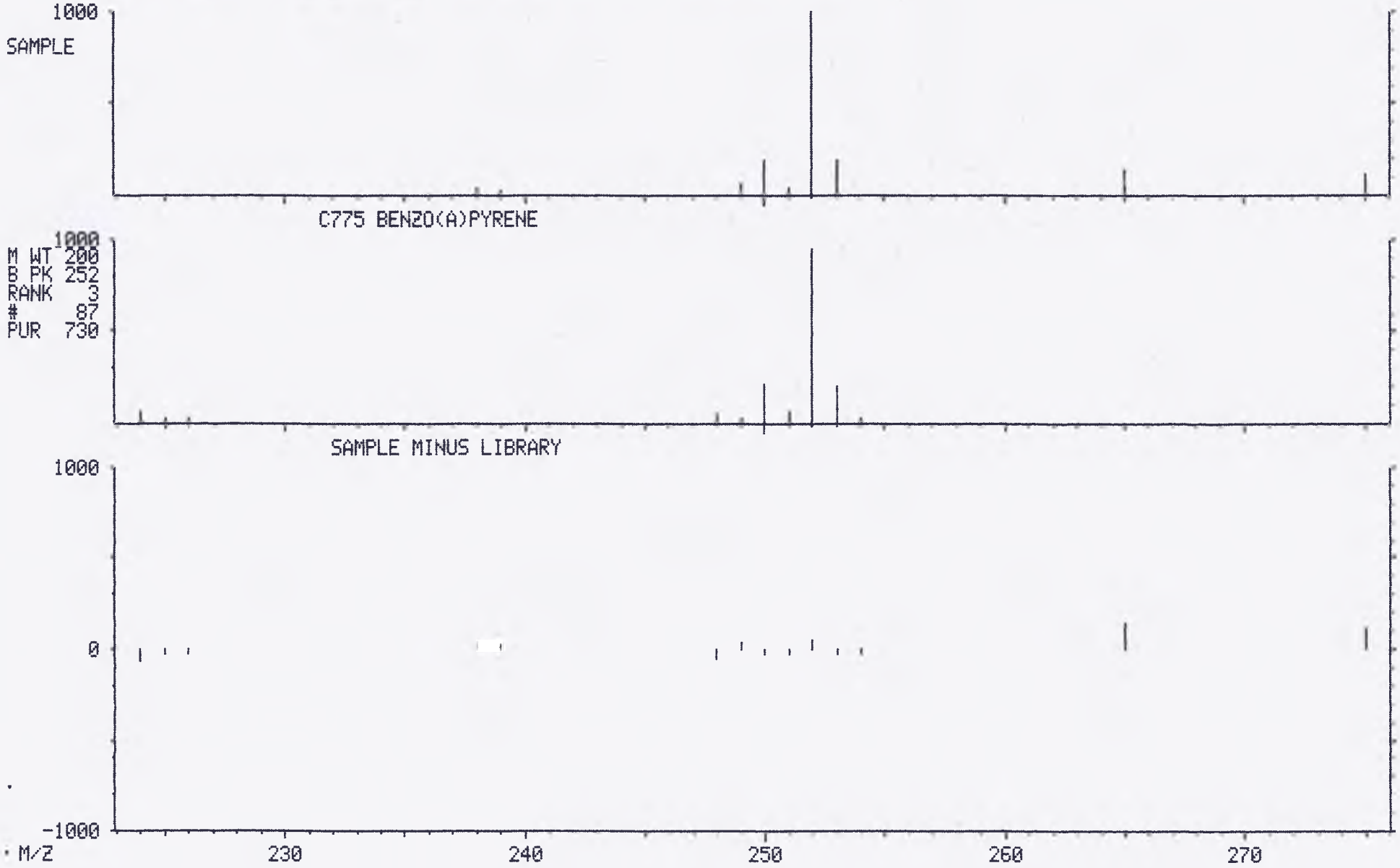
BASE M/Z: 252
RIC: 341.



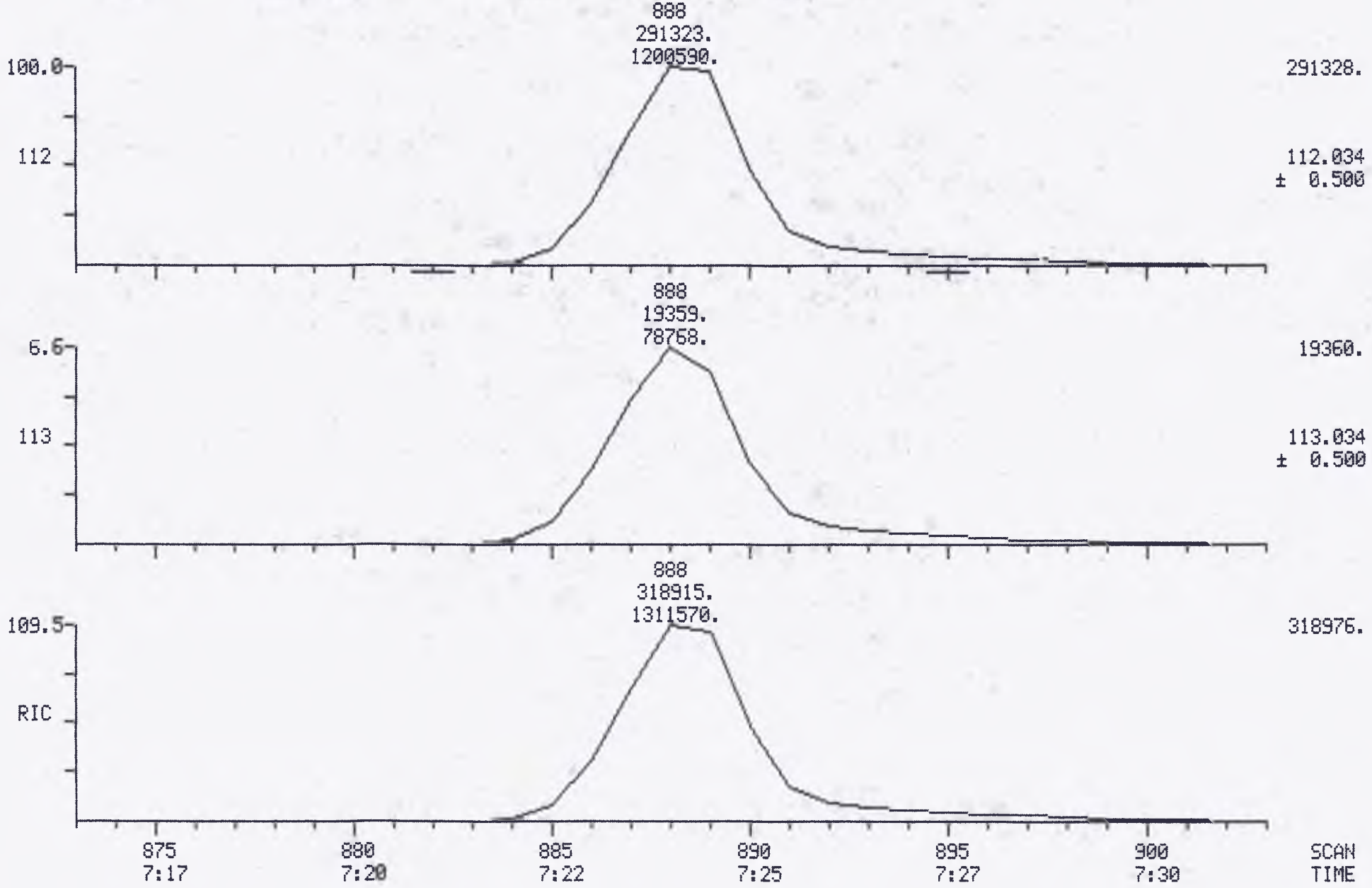
MID LIBRARY SEARCH
04/29/91 11:33:00 + 37:38
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
#4516 - #4508 X1.00

DATA: W130156 #4516
CALI: W130156 # 5

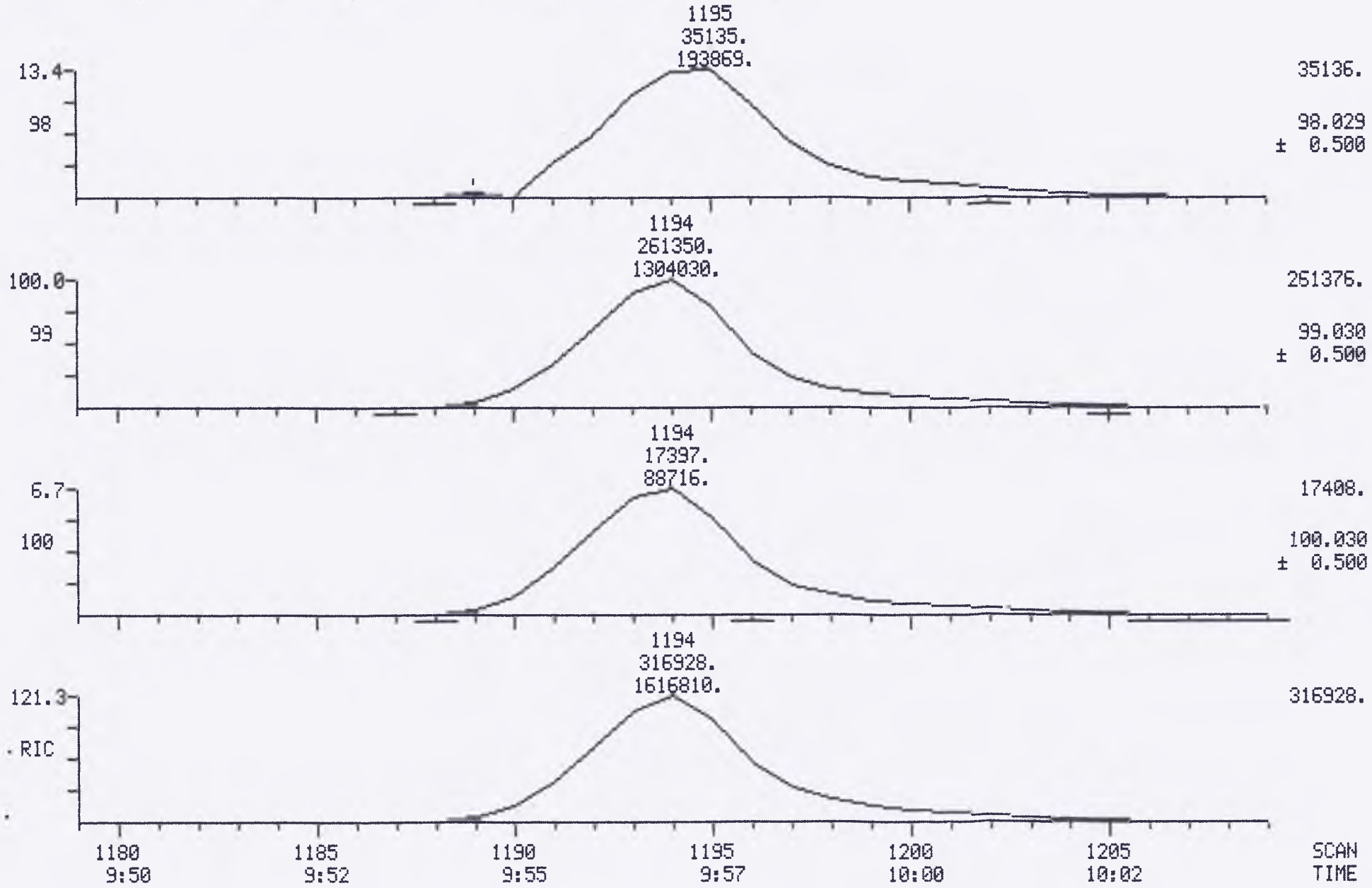
BASE M/Z: 252
RIC: 472.



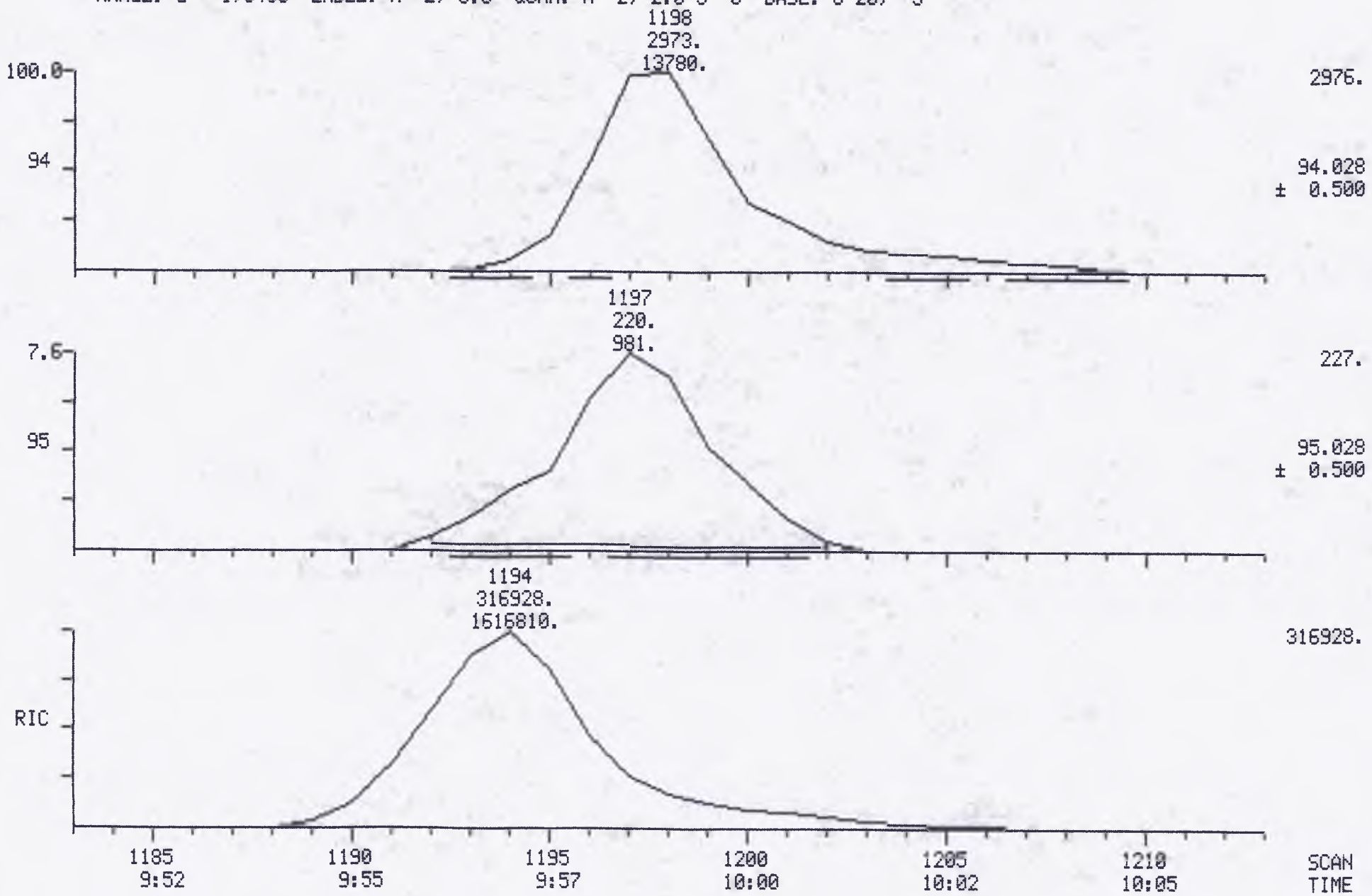
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #888 SCANS 873 TO 903
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS50 2-FLUOROPHENOL (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



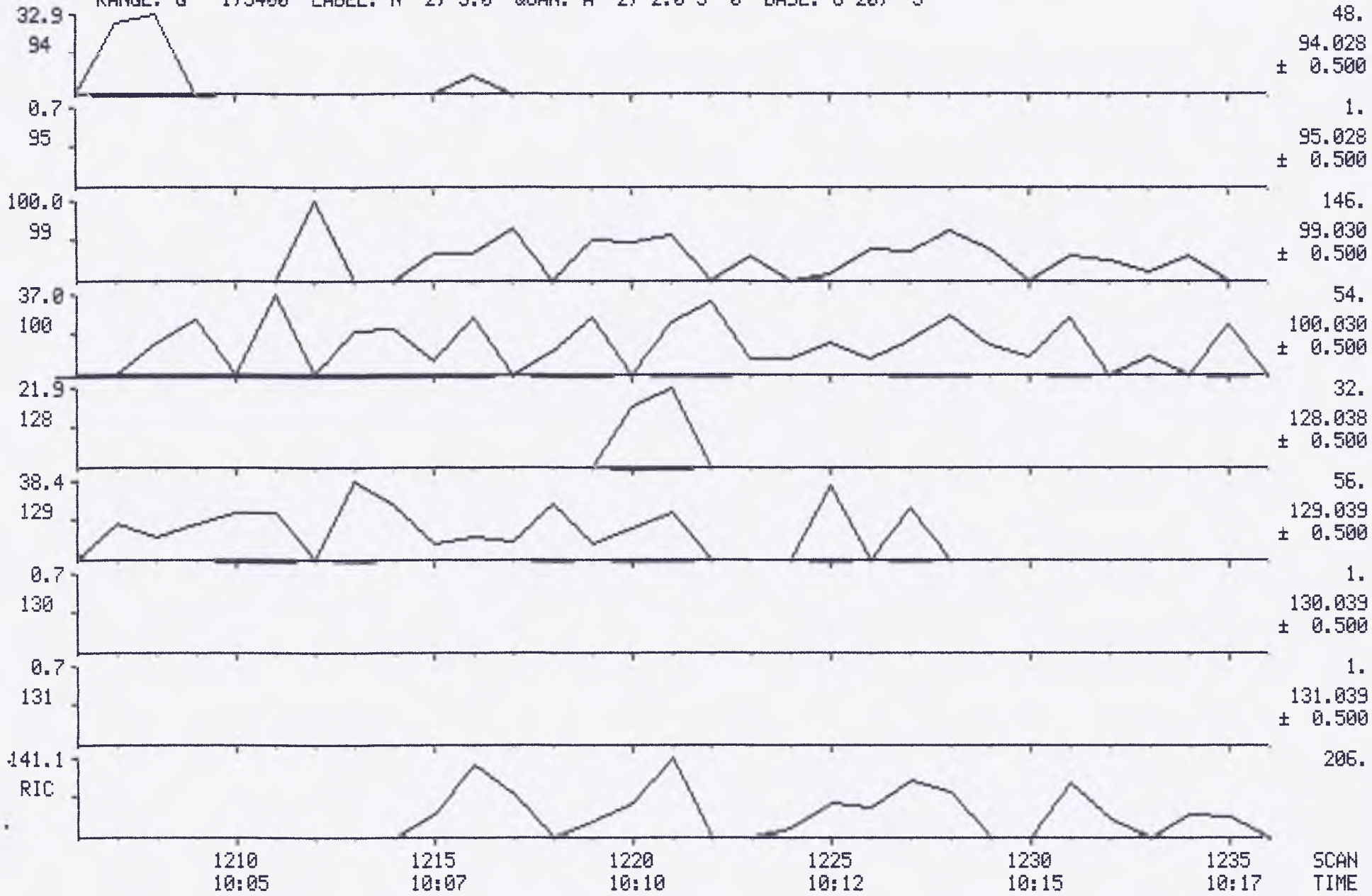
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #1194 SCANS 1179 TO 1209
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS45 D5-PHENOL (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



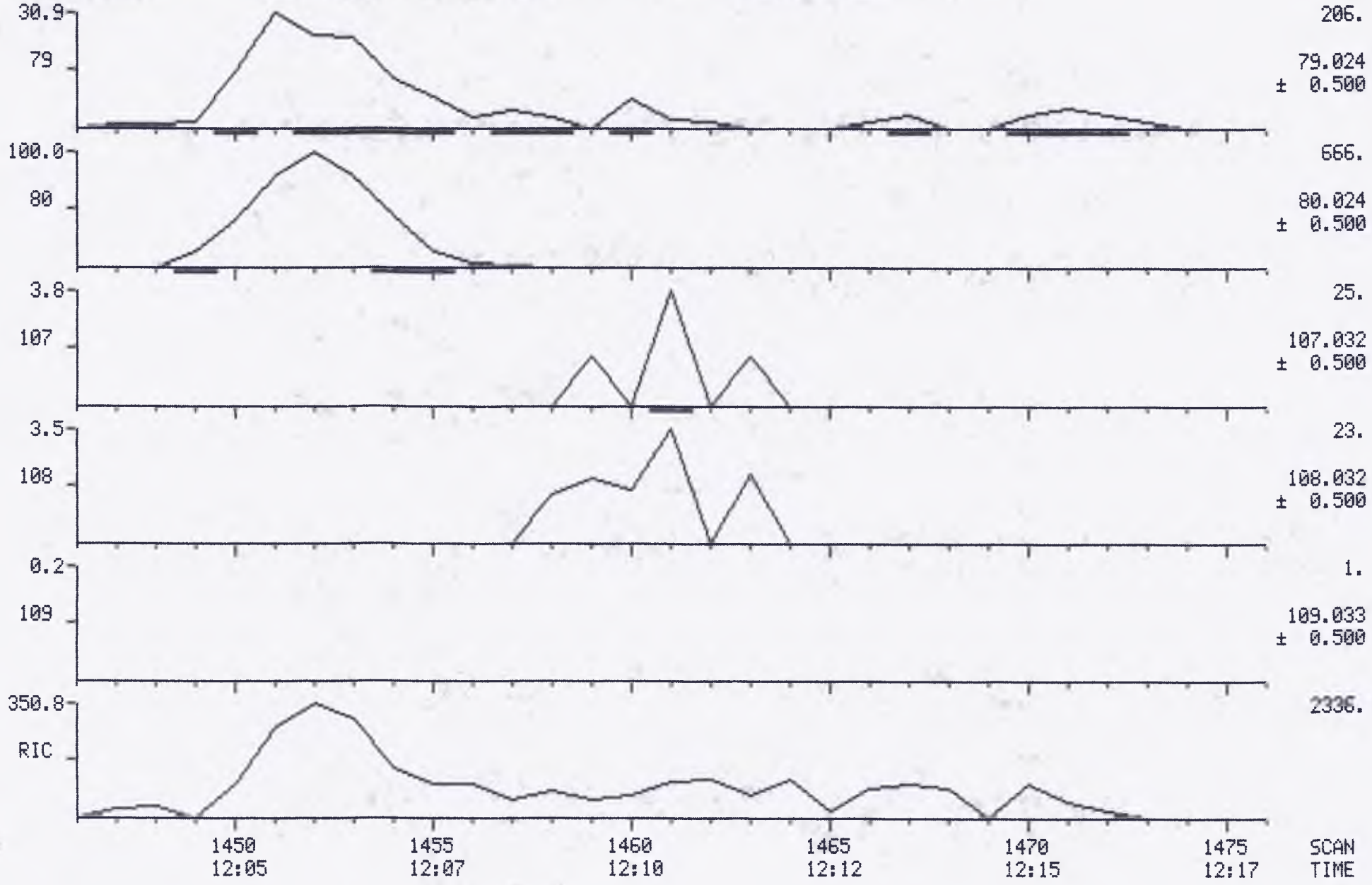
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #1198 SCANS 1183 TO 1213
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C315 PHENOL
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



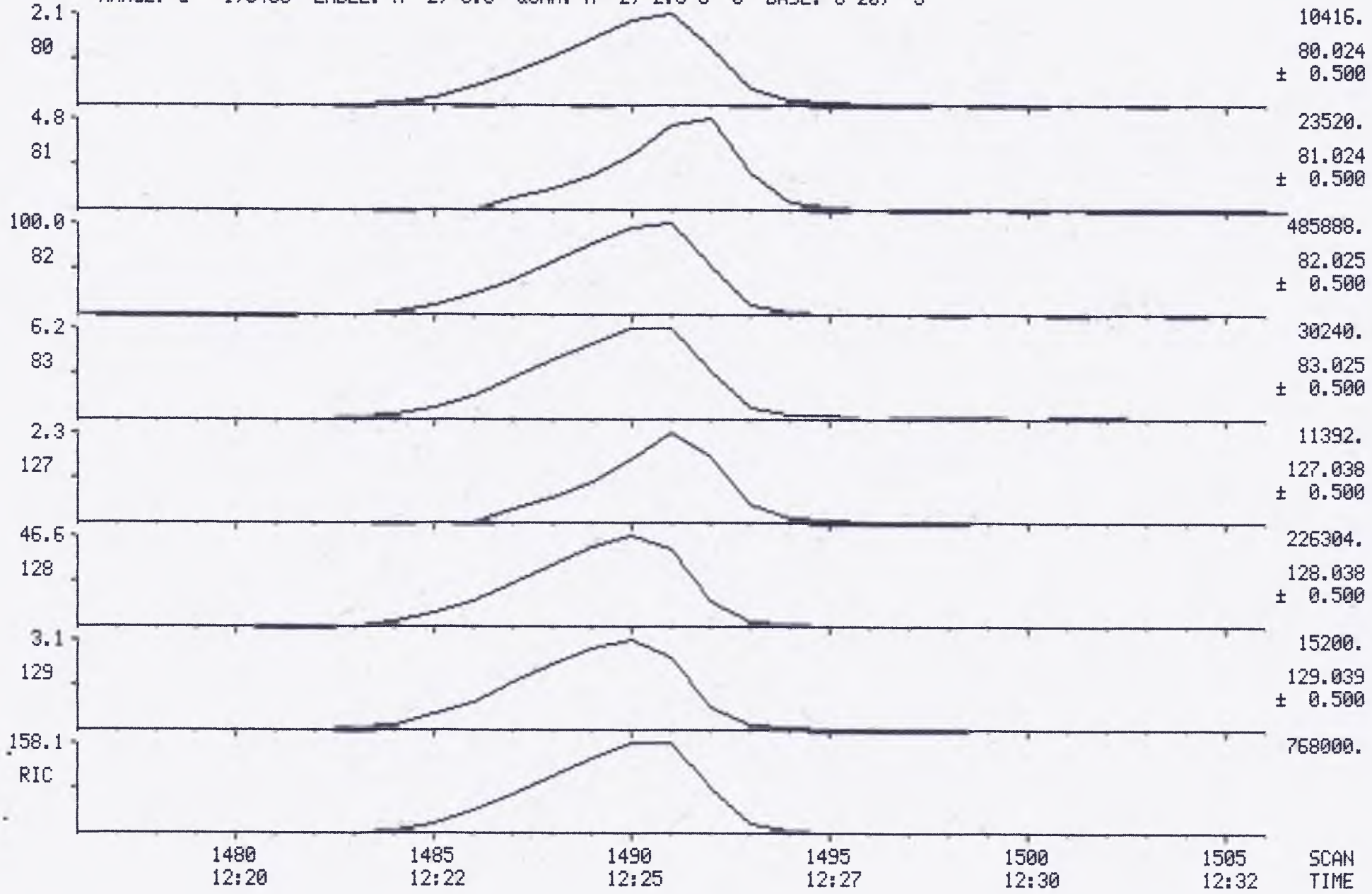
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #1221 SCANS 1206 TO 1236
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C330 2-CHLOROPHENOL
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



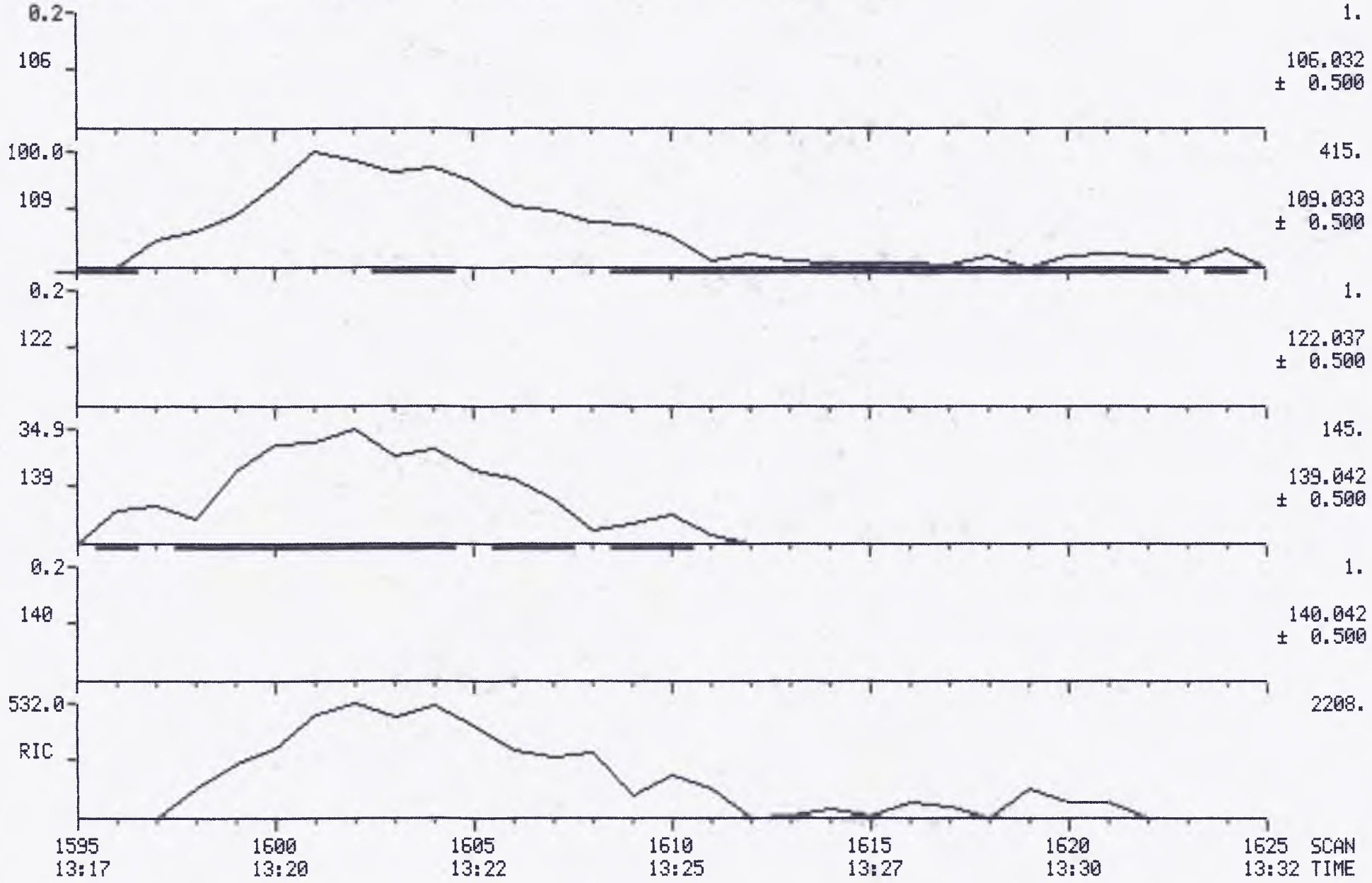
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #1461 SCANS 1446 TO 1476
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C365 4-METHYLPHENOL
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



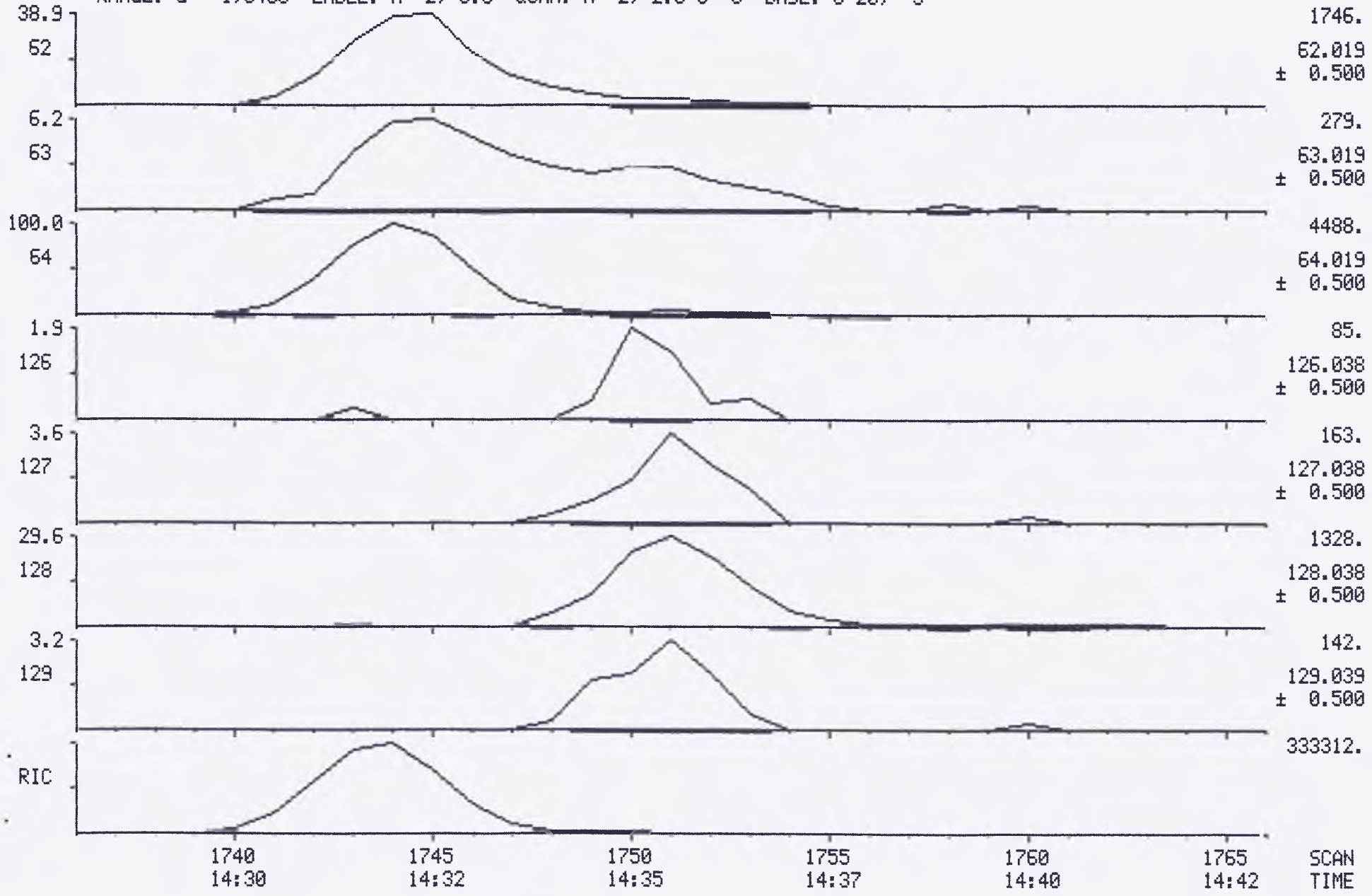
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #1491 SCANS 1476 TO 1506
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS20 D5-NITROBENZENE (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



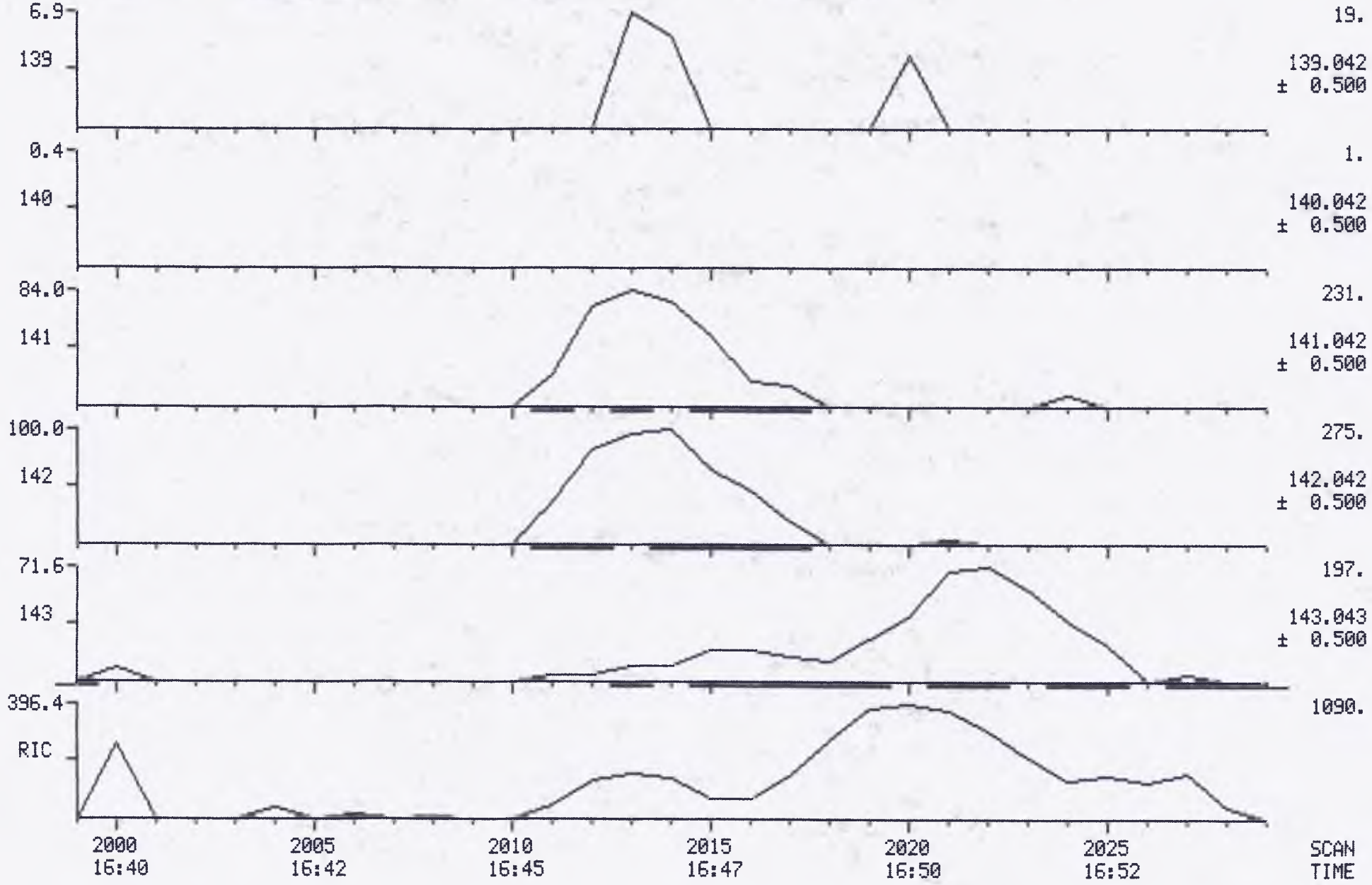
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #1610 SCANS 1595 TO 1625
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C420 2-NITROPHENOL
RANGE: G 1.5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



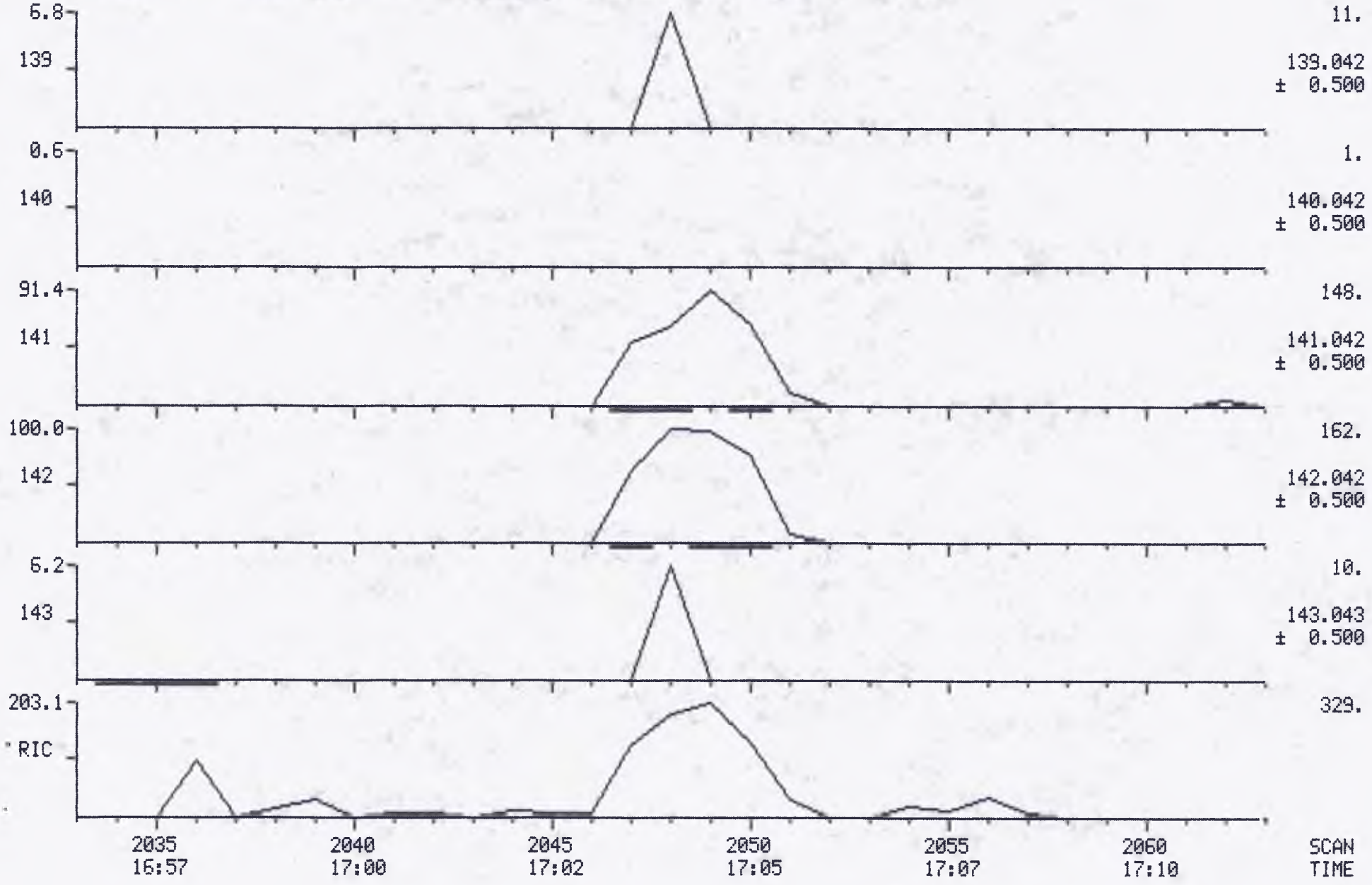
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #1751 SCANS 1736 TO 1766
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C450 NAPHTHALENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



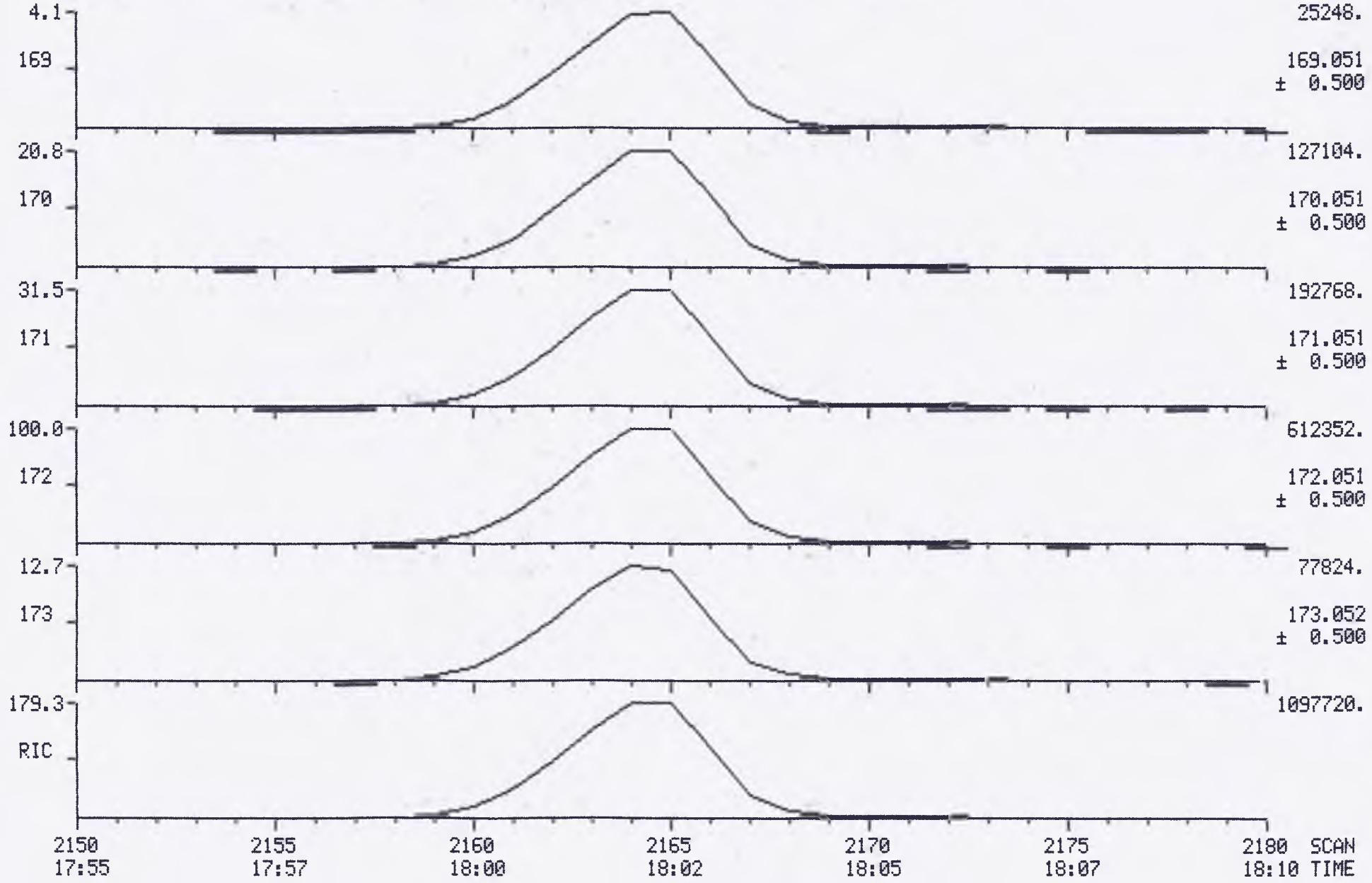
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2014 SCANS 1999 TO 2029
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C470 2-METHYLNAPHTHALENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



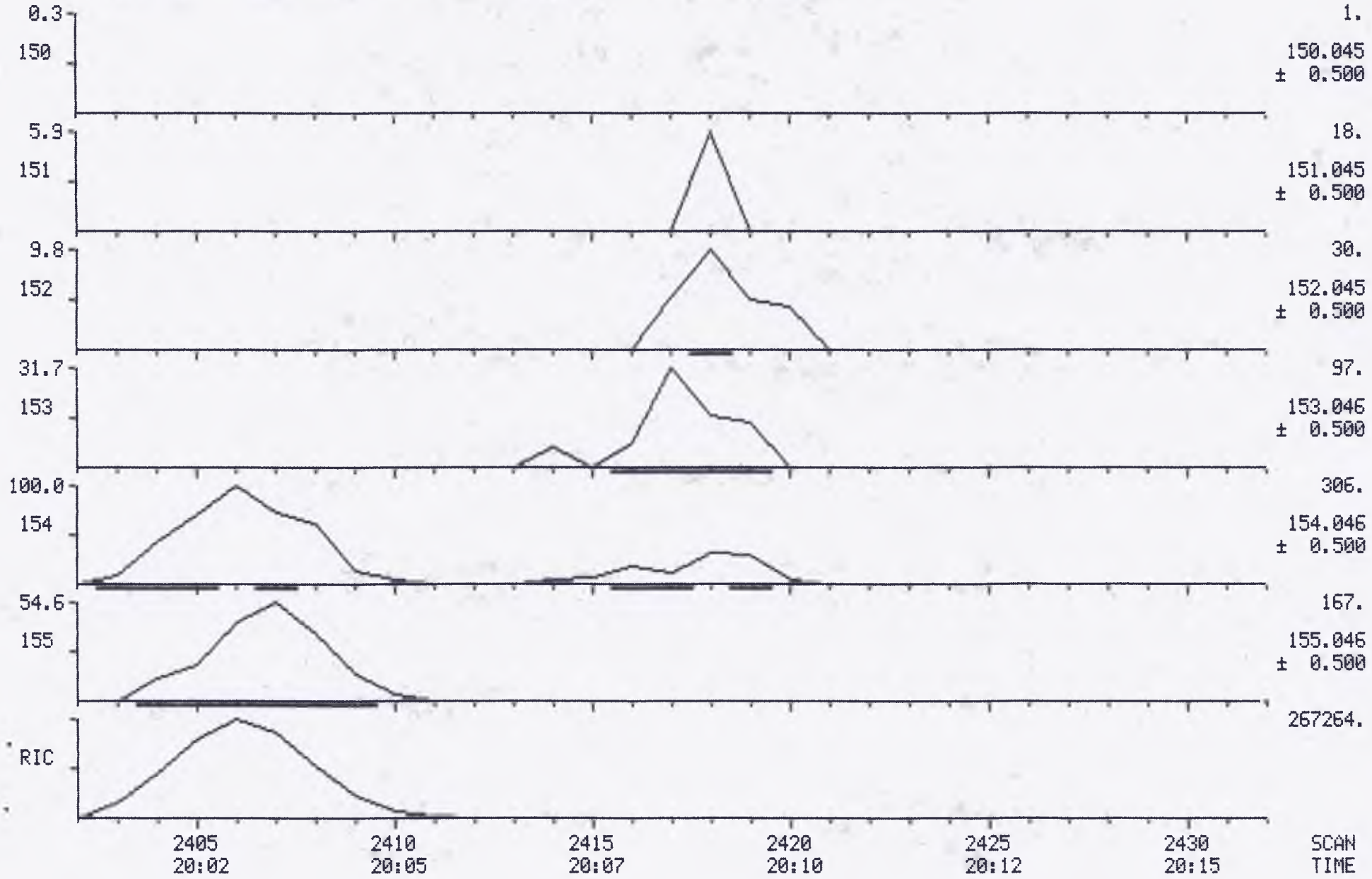
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2048 SCANS 2033 TO 2063
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C475 1-METHYLNAPHTHALENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



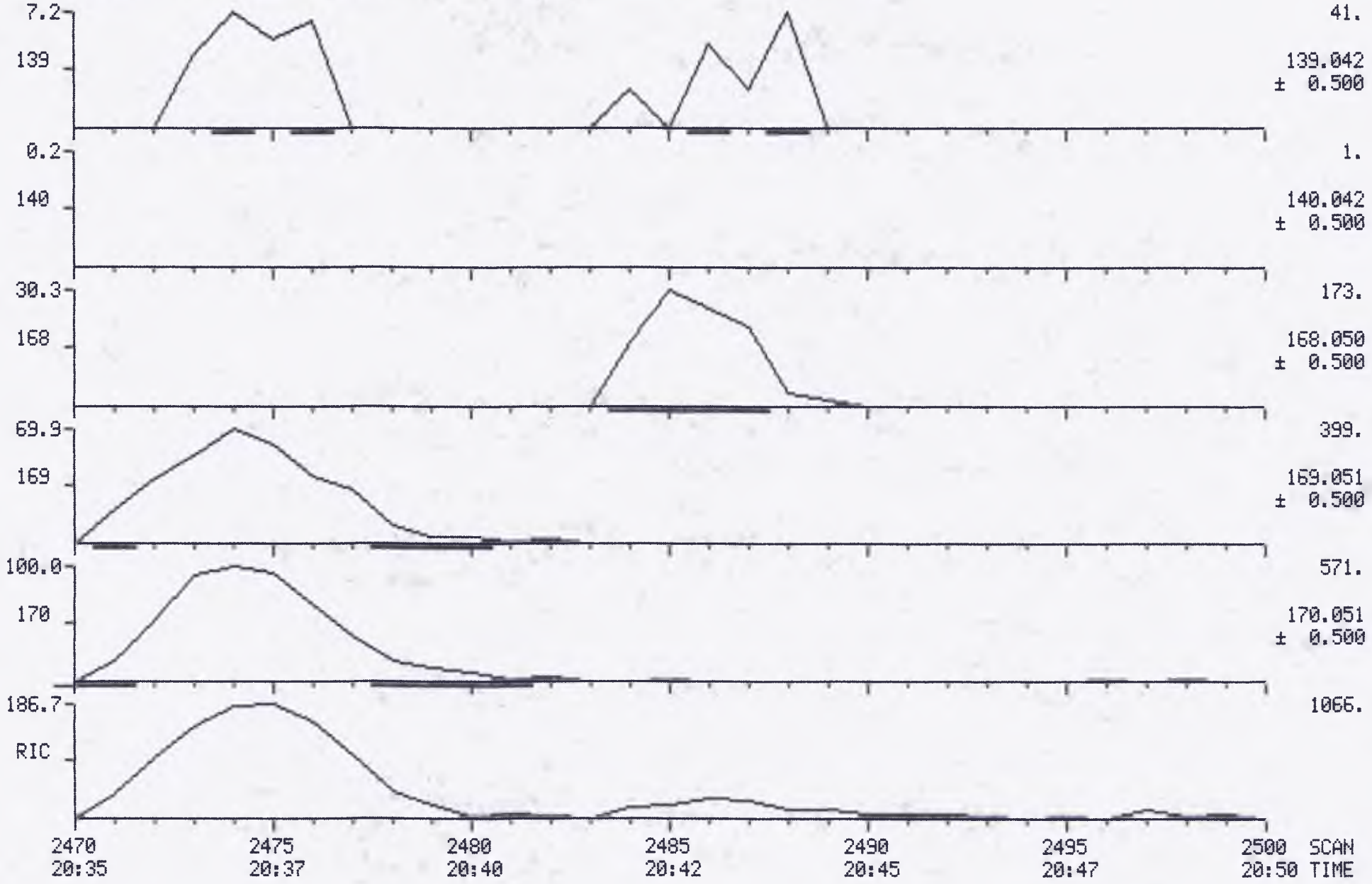
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2165 SCANS 2150 TO 2180
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS25 2-FLUOROBIPHENYL (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



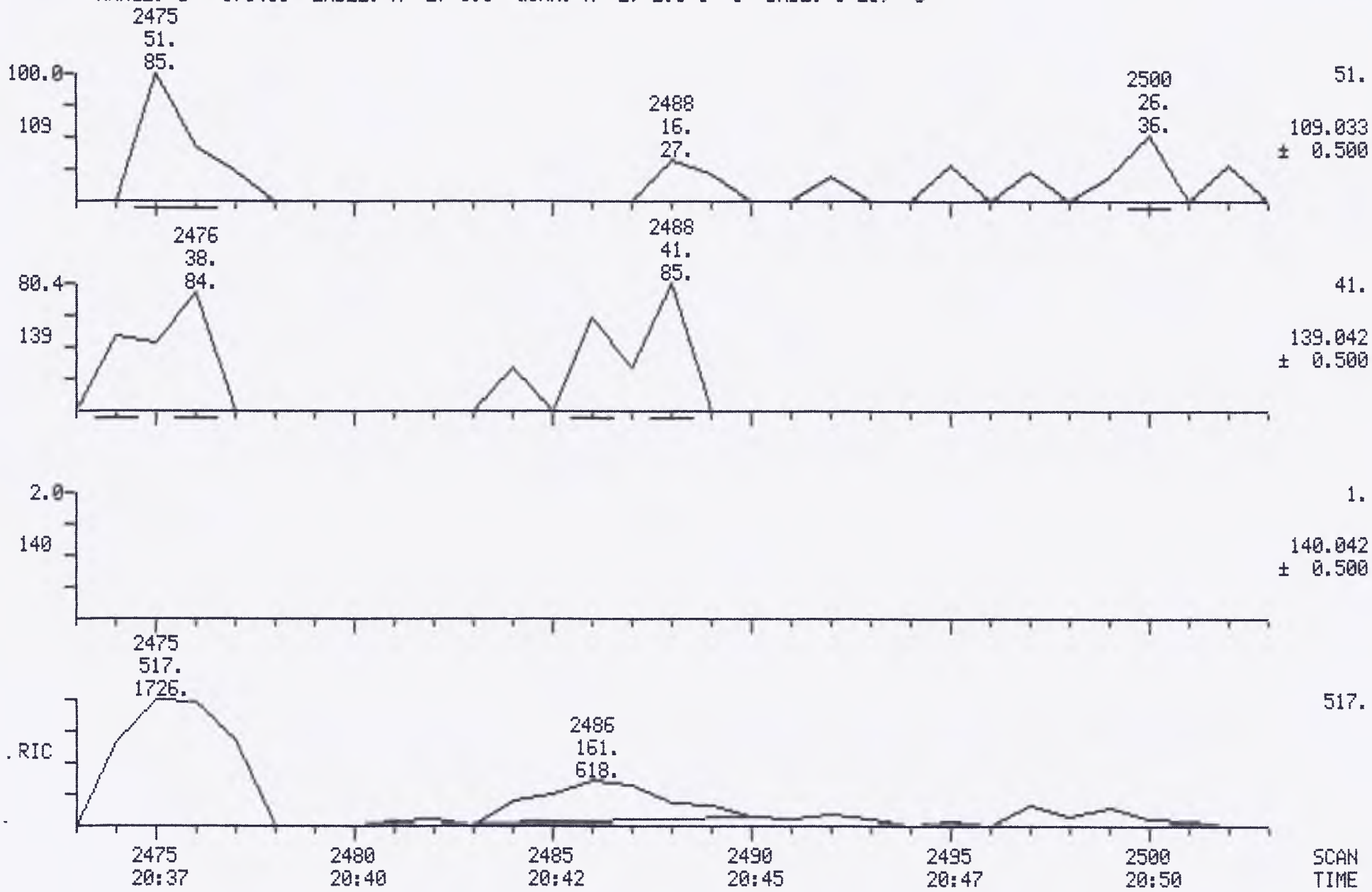
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2417 SCANS 2402 TO 2432
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C550 ACENAPHTHENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



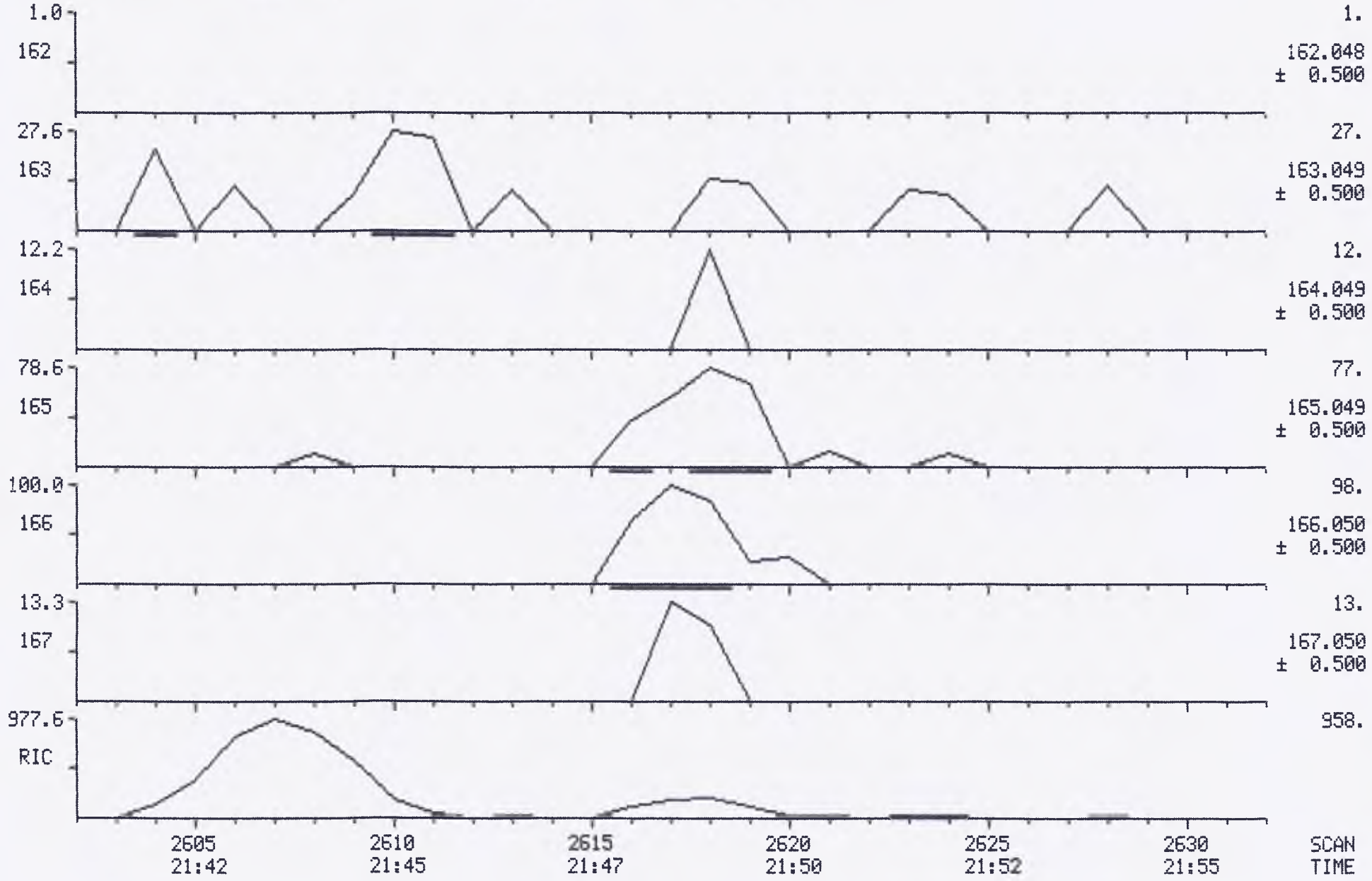
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2485 SCANS 2470 TO 2500
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C565 DIBENZOFURAN
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



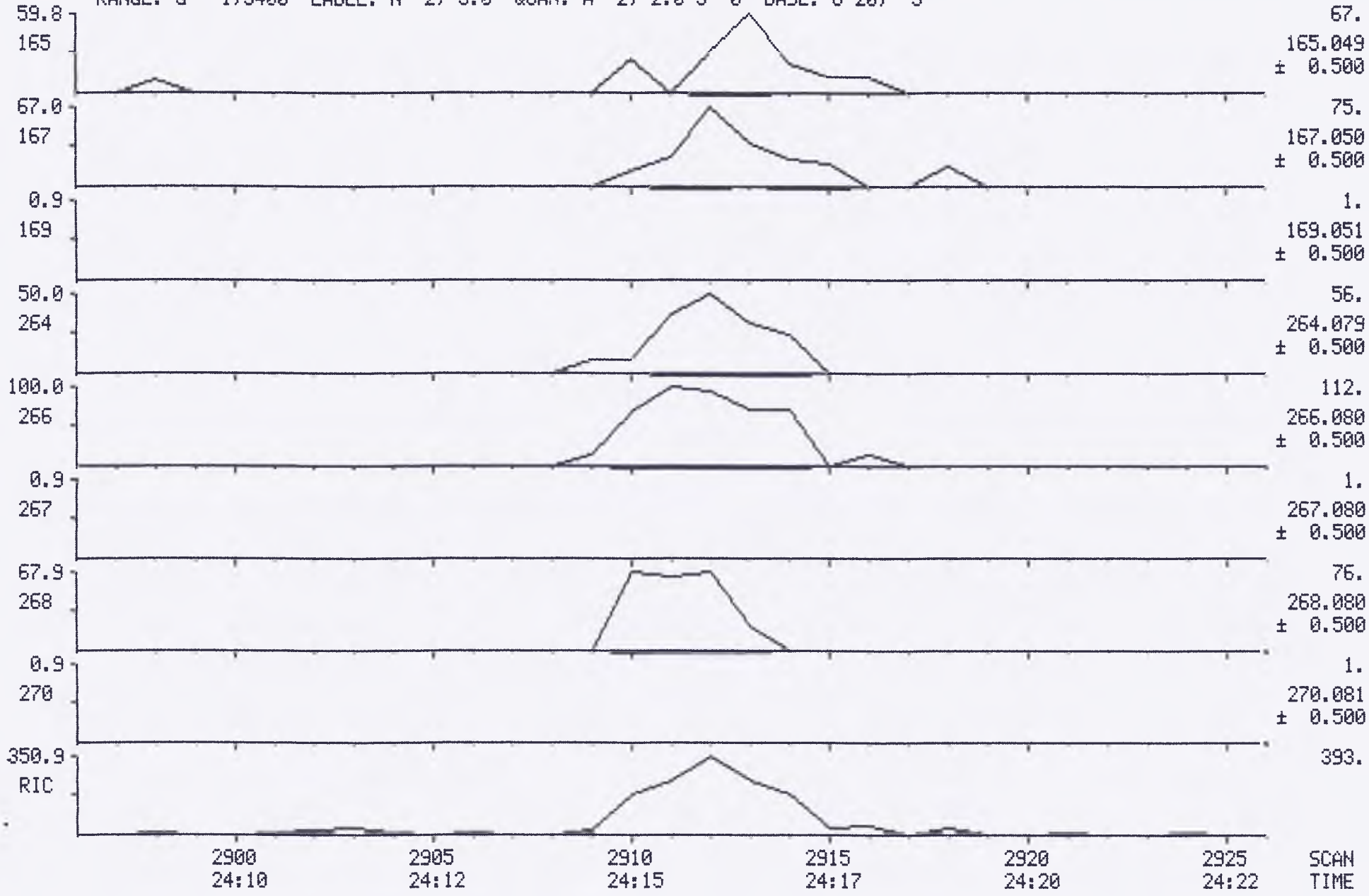
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2488 SCANS 2473 TO 2503
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C560 4-NITROPHENOL
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



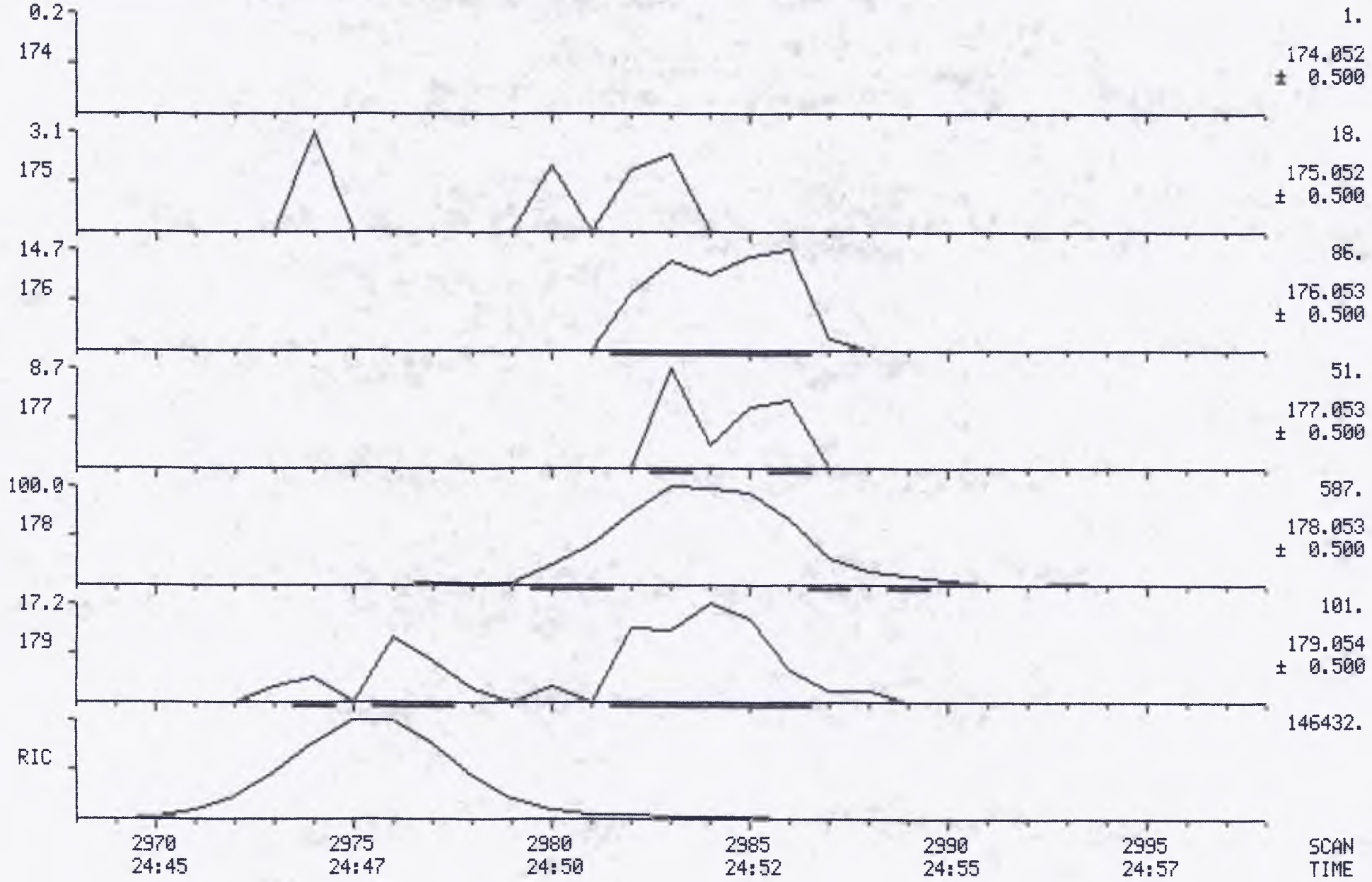
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2617 SCANS 2602 TO 2632
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C590 9H-FLUORENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



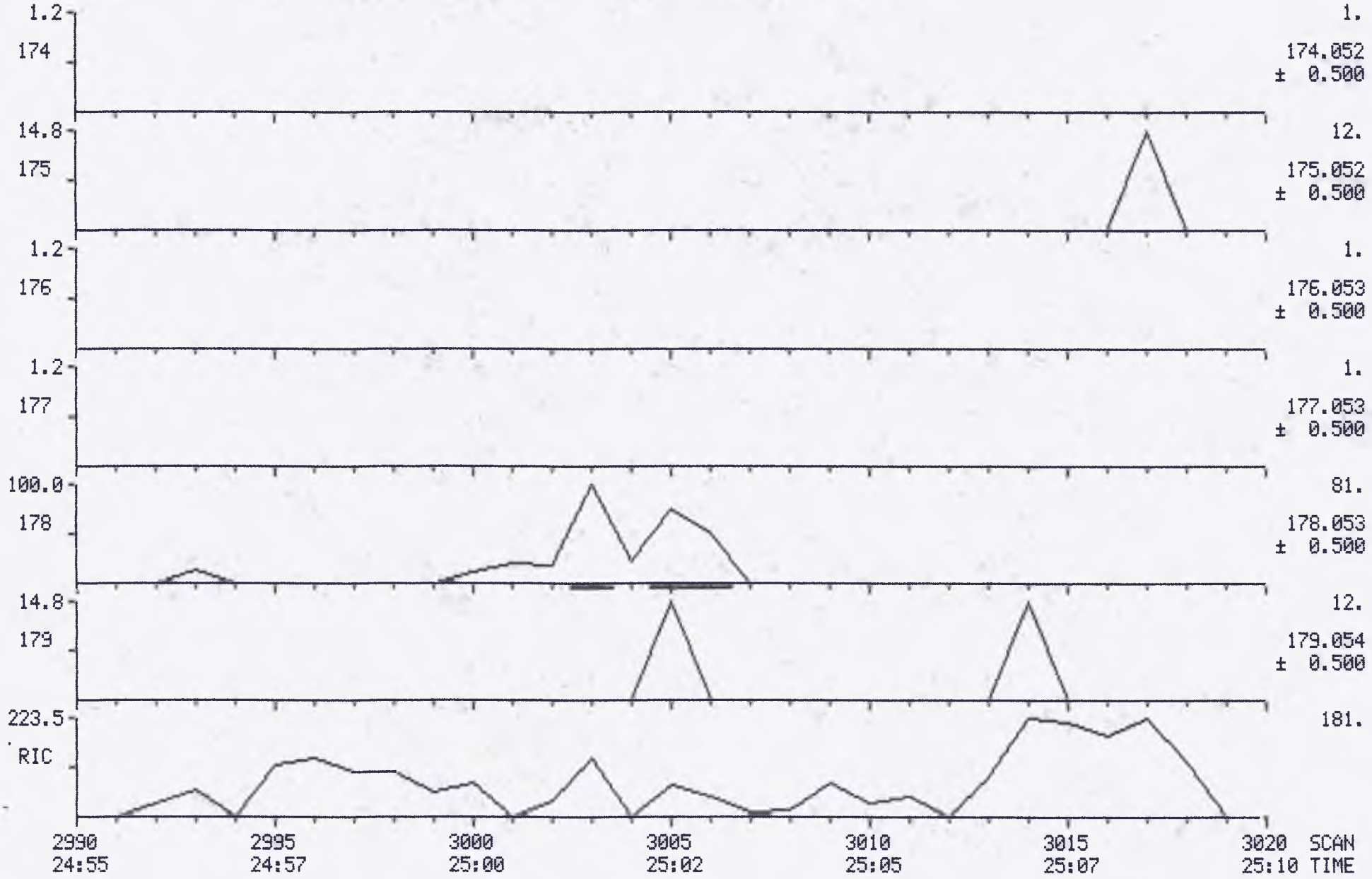
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2911 SCANS 2896 TO 2926
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C635 PENTACHLOROPHENOL
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



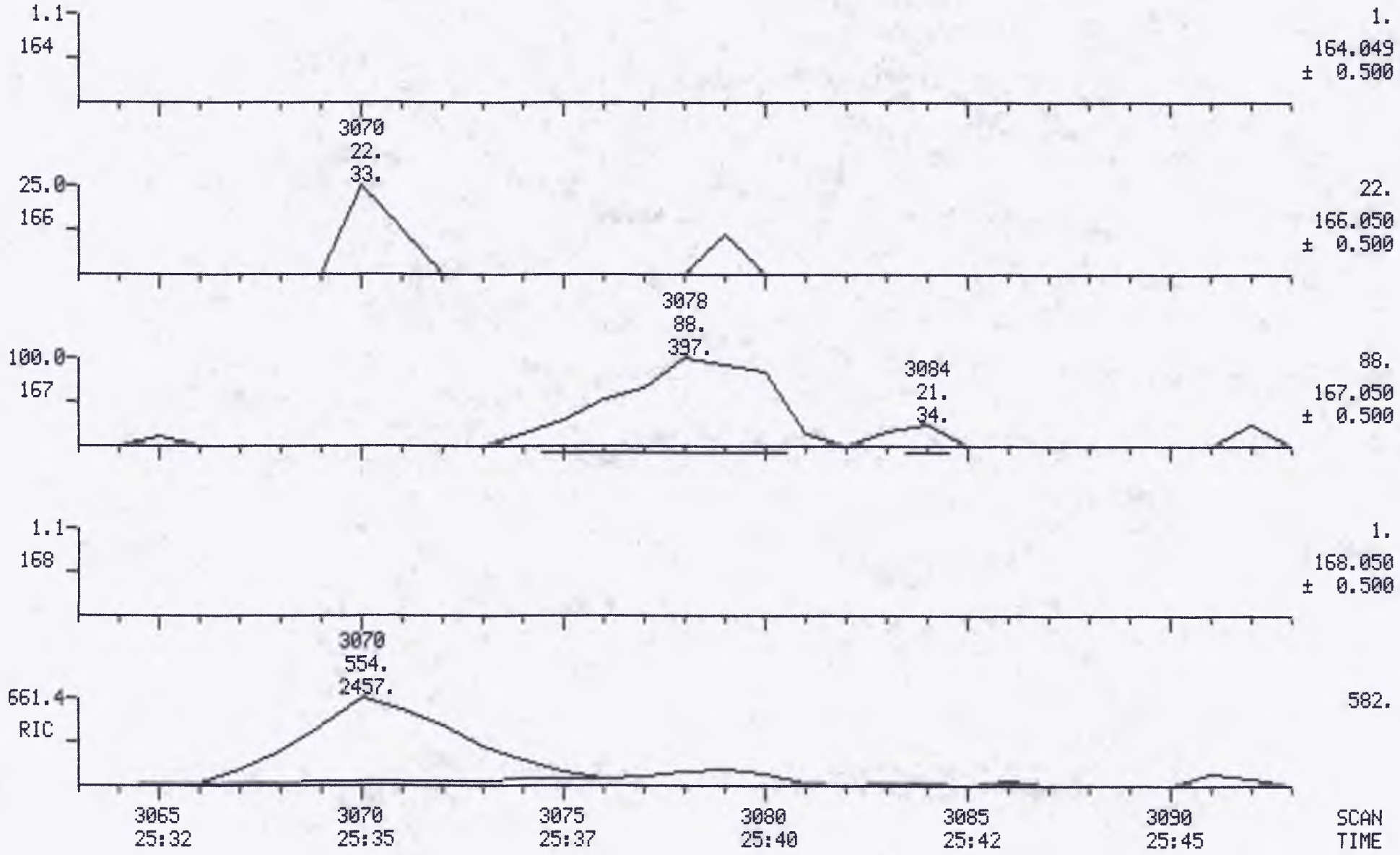
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #2983 SCANS 2968 TO 2998
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C640 PHENANTHRENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



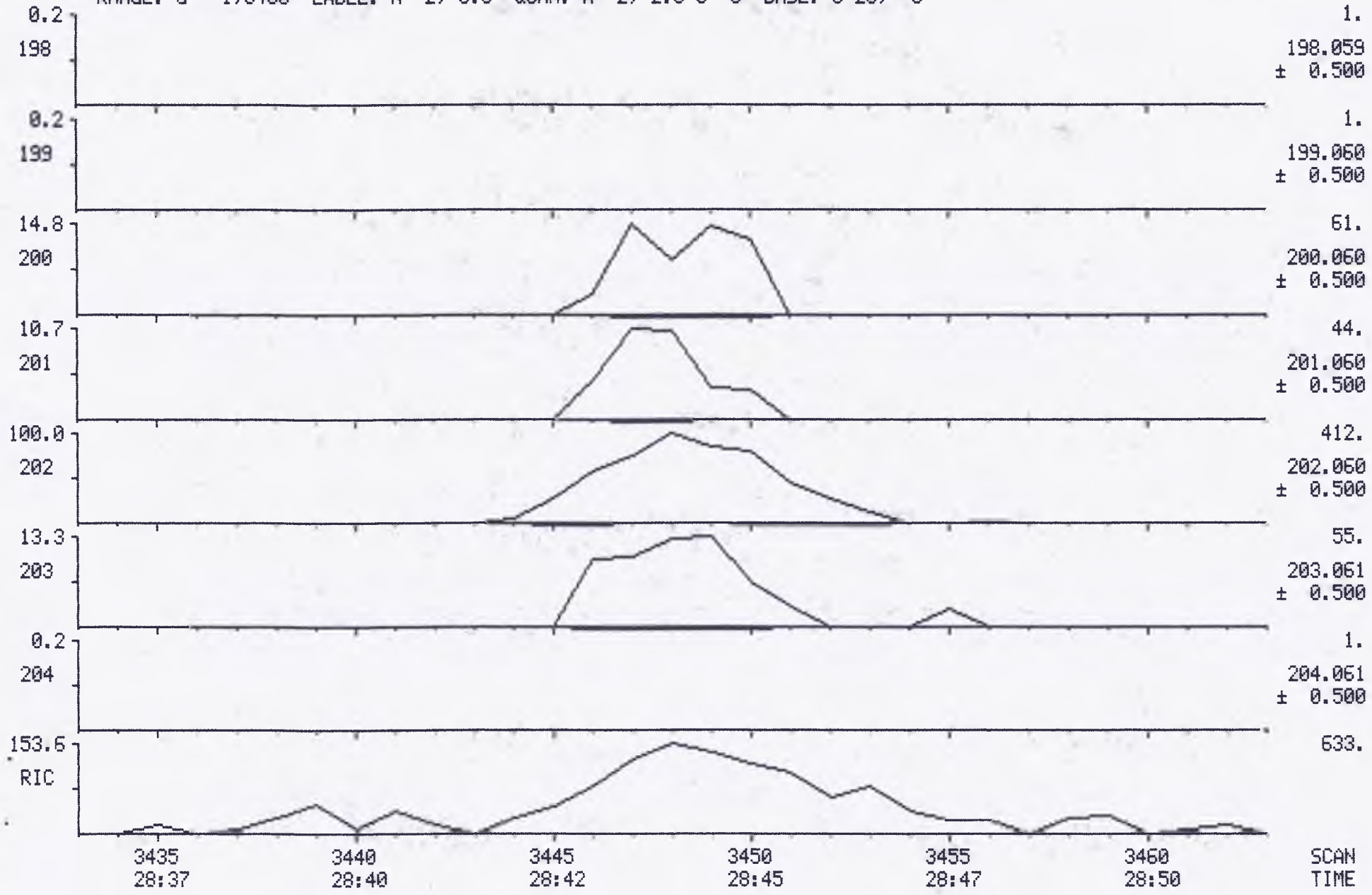
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #3005 SCANS 2990 TO 3020
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C545 ANTHRACENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



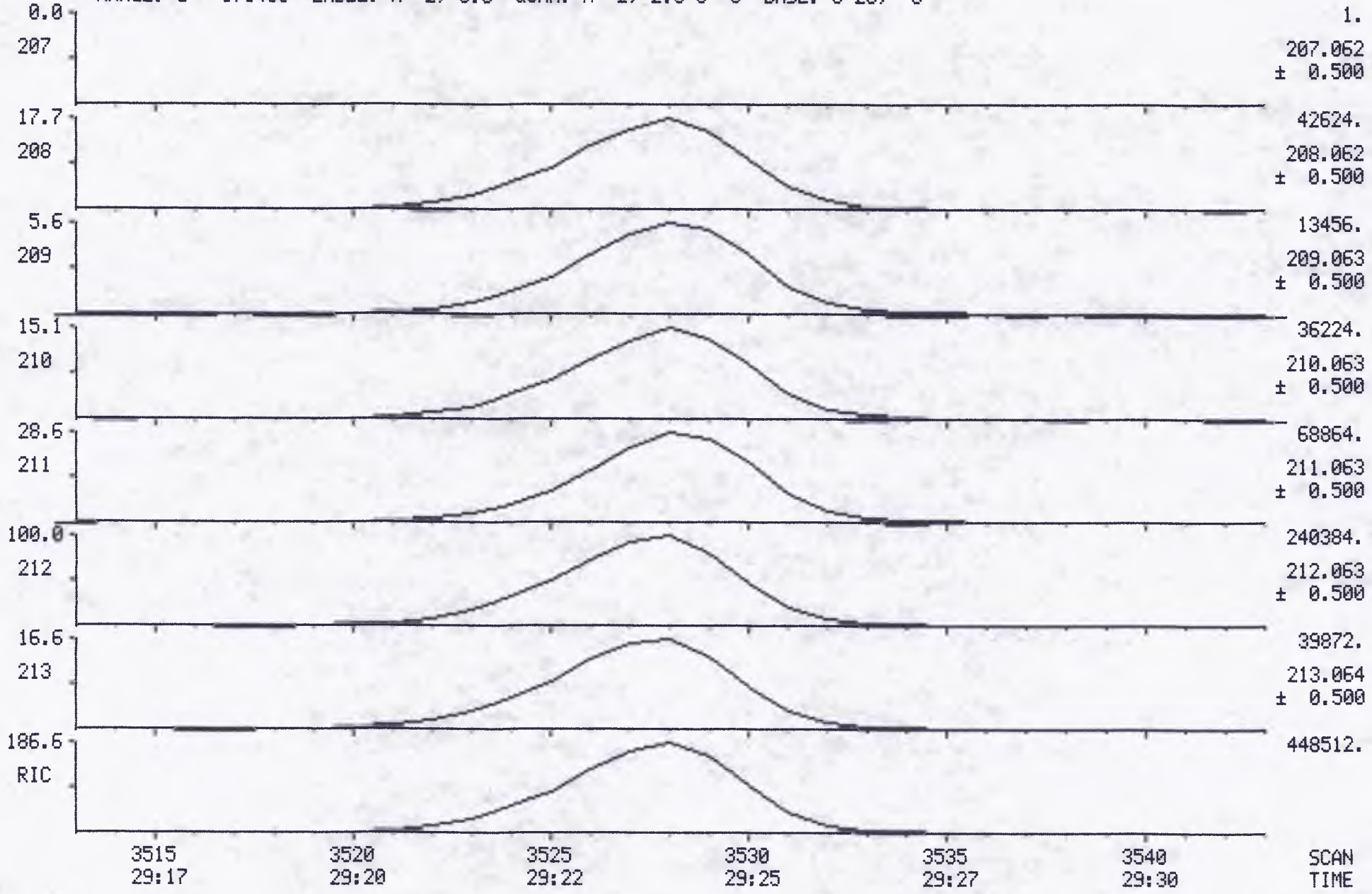
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #3078 SCANS 3063 TO 3093
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C647 9H-CARBAZOLE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



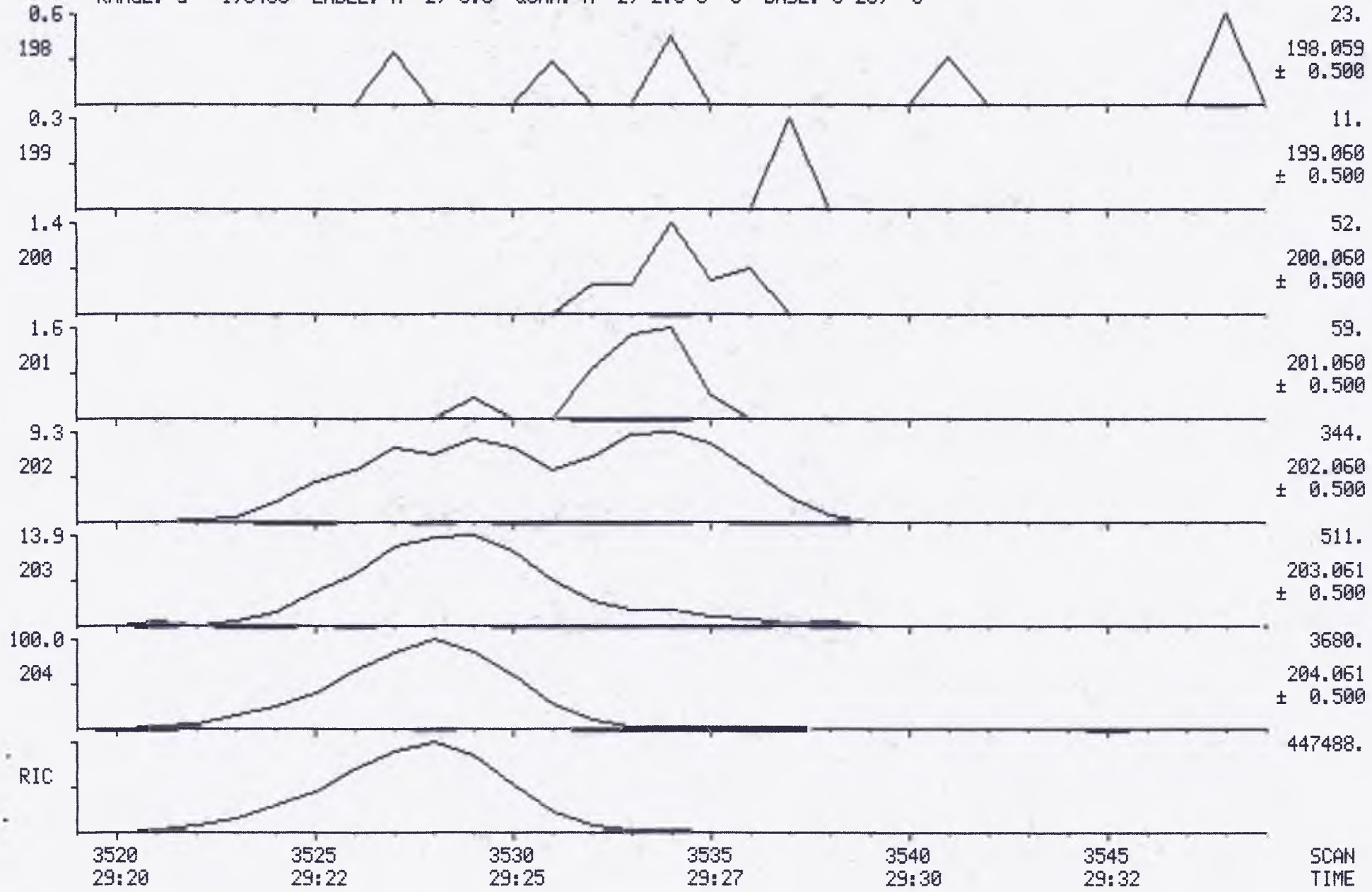
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #3448 SCANS 3433 TO 3463
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C555 FLUORANTHENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



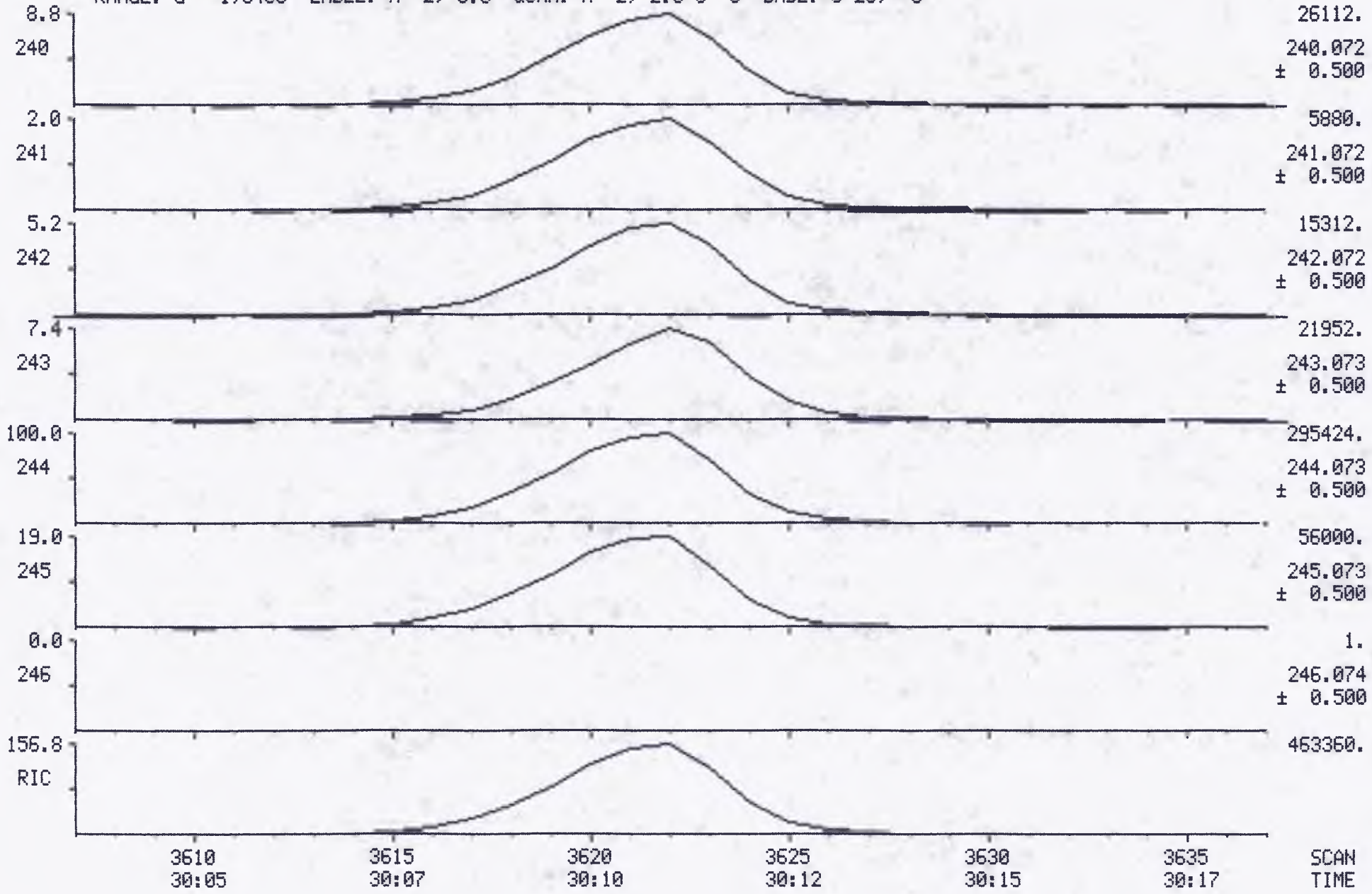
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #3528 SCANS 3513 TO 3543
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS35 D10-PYRENE (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



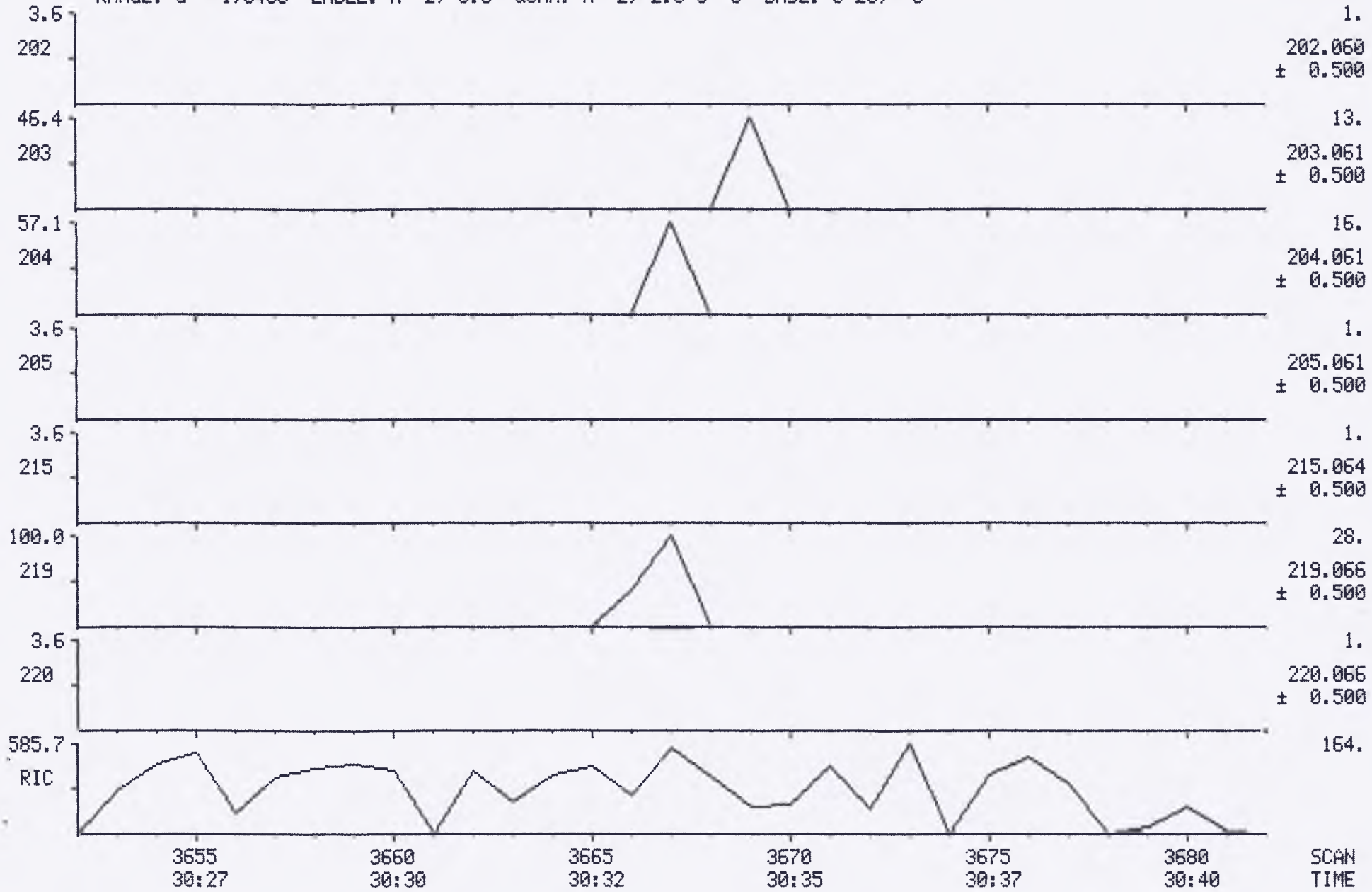
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #3534 SCANS 3519 TO 3549
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C715 PYRENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



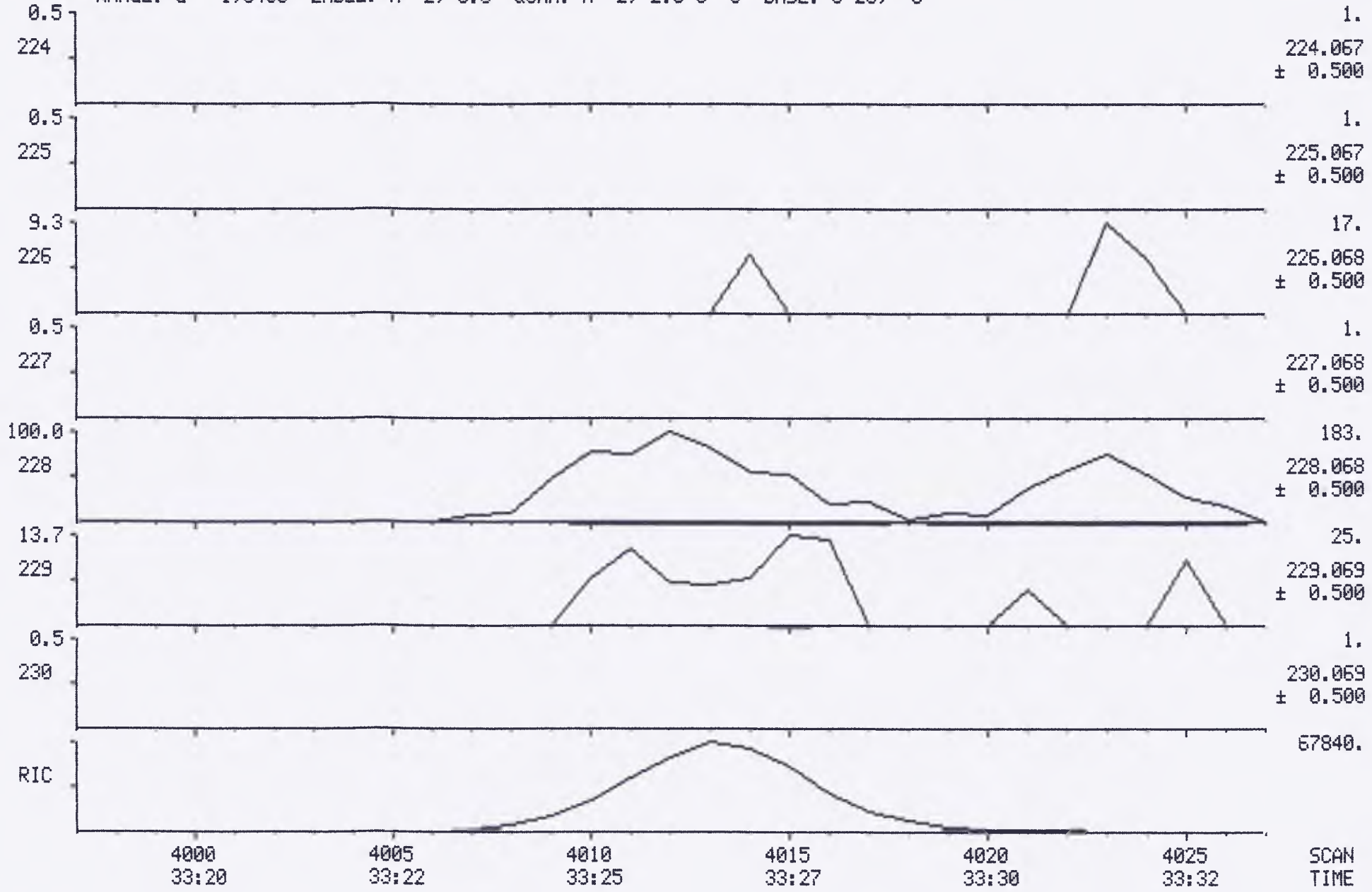
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #3622 SCANS 3607 TO 3637
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
CS30 D14-TERPHENYL (SS)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



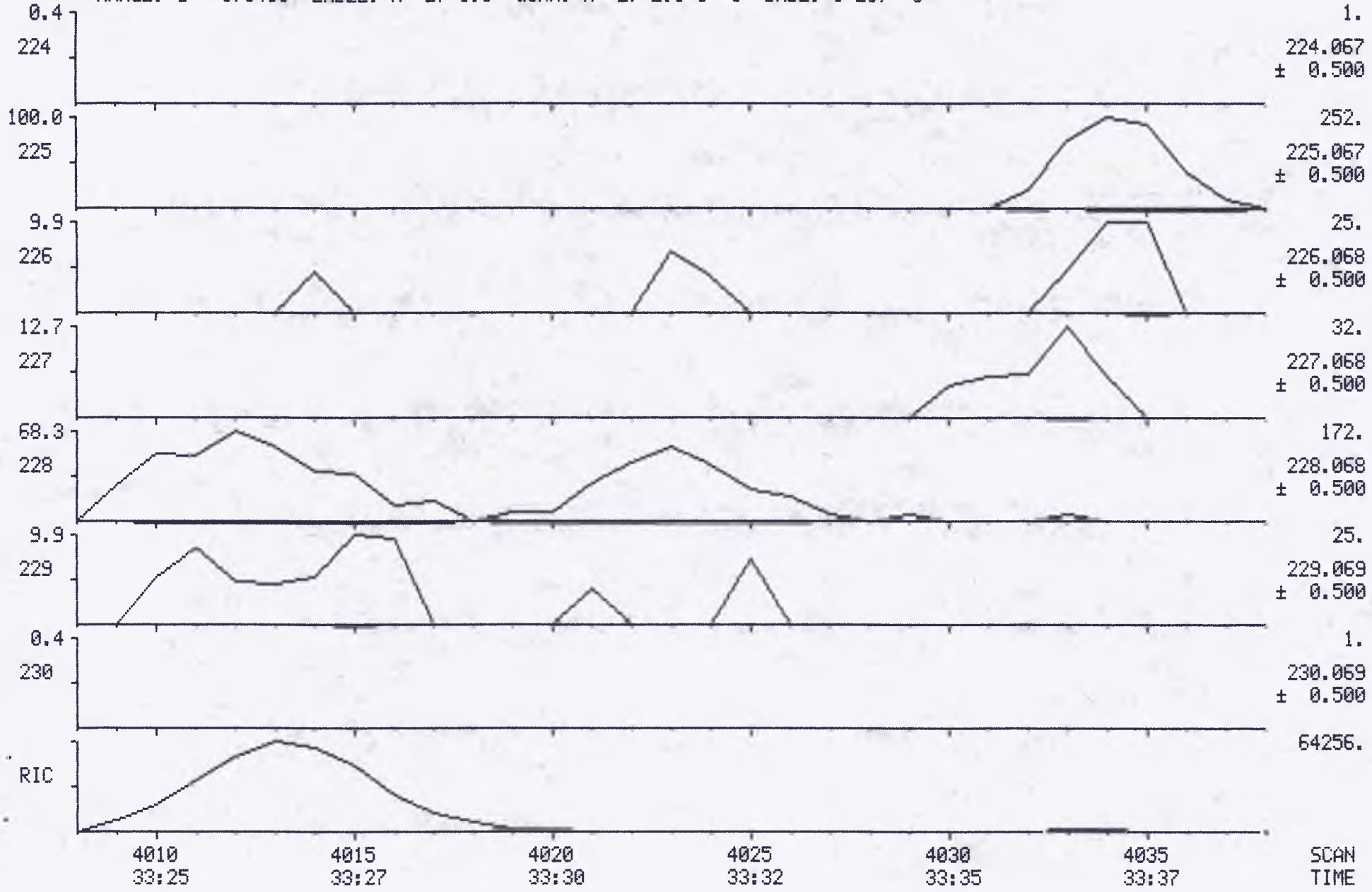
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #3667 SCANS 3652 TO 3682
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C717 RETENE(1-METHYL-7-(1-METHYLETHYL)-PHENANTHRENE)
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



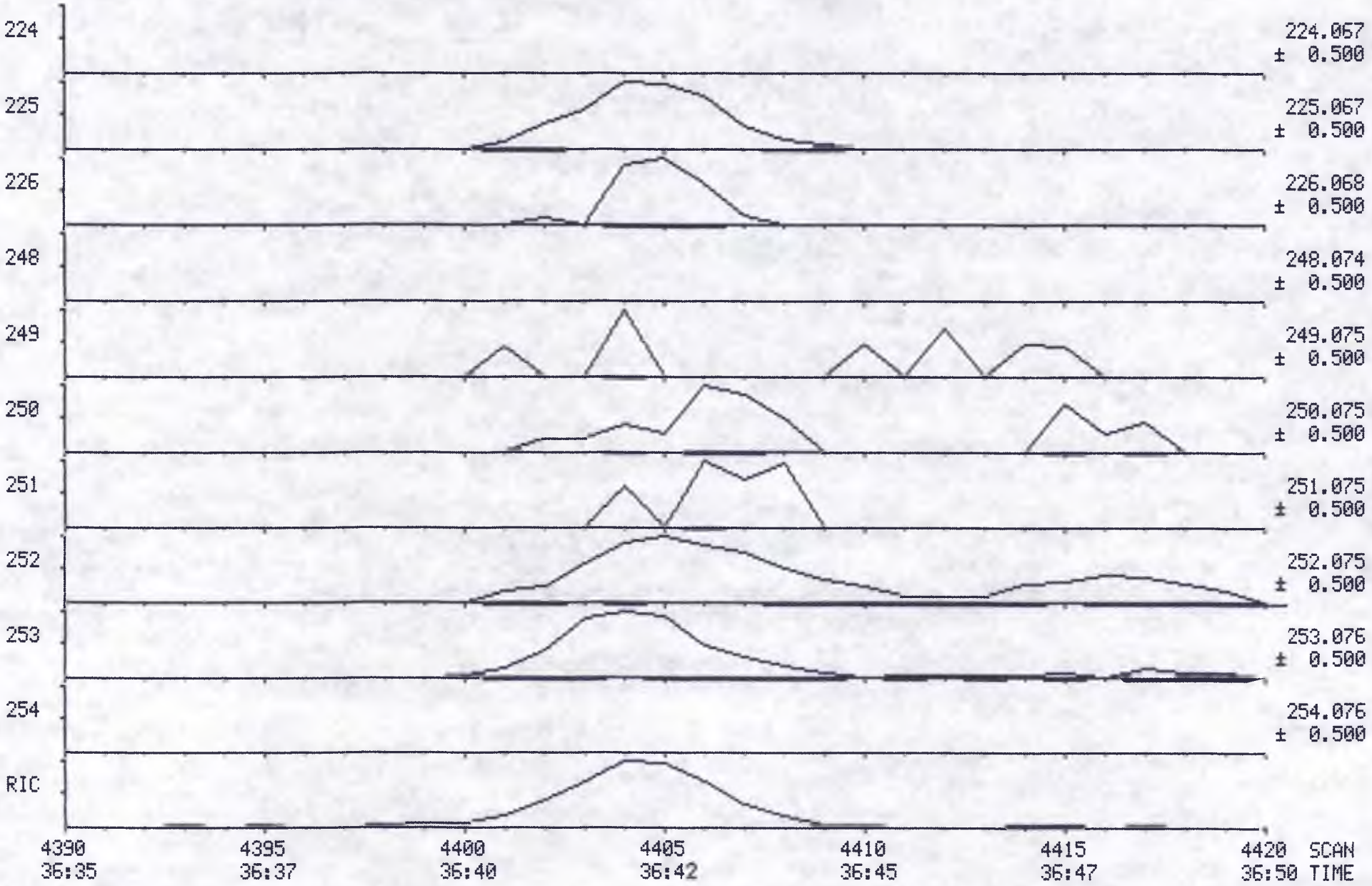
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #4012 SCANS 3997 TO 4027
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C730 BENZO(A)ANTHRACENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



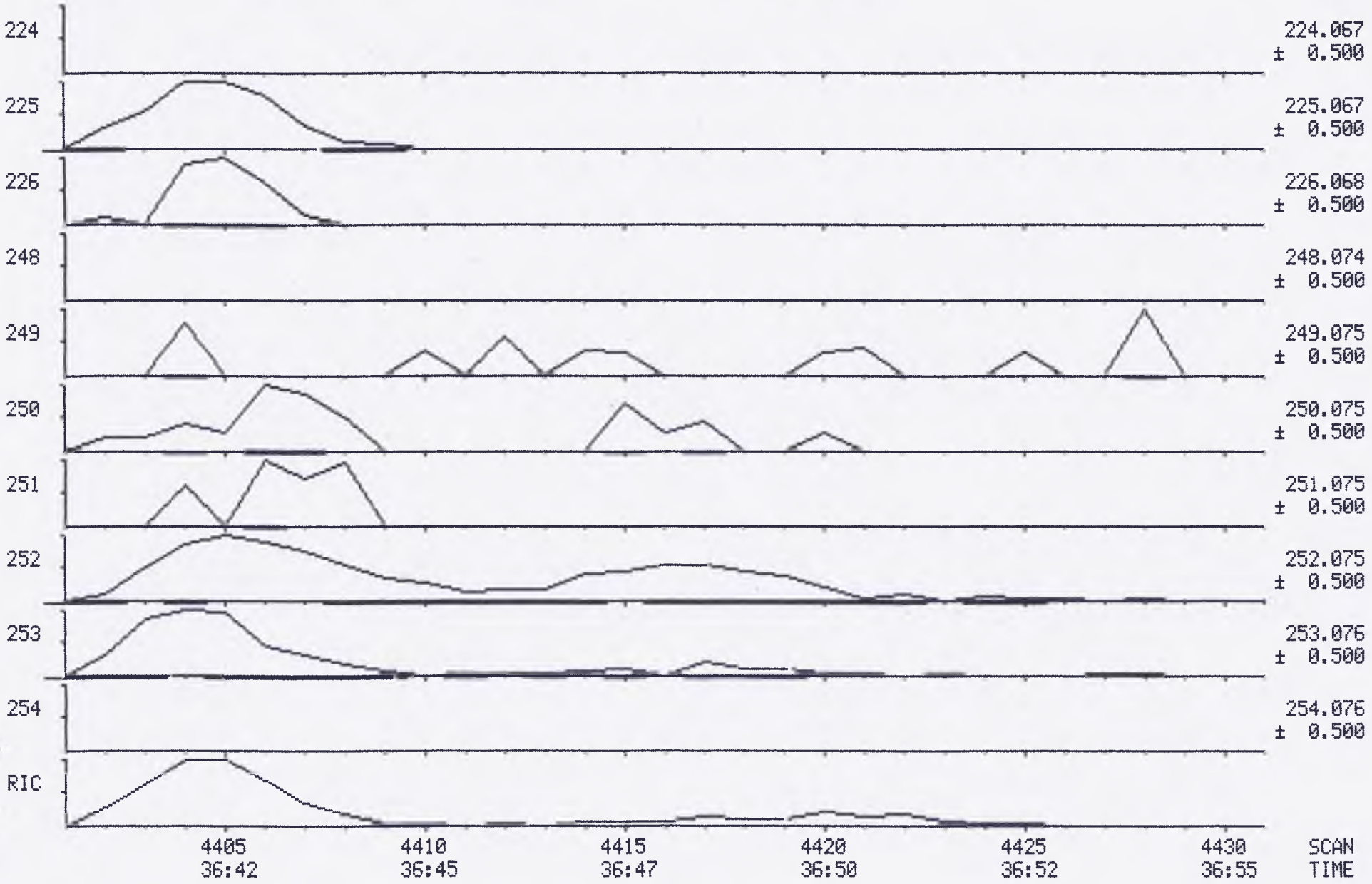
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #4023 SCANS 4008 TO 4038
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C740 CHRYSENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



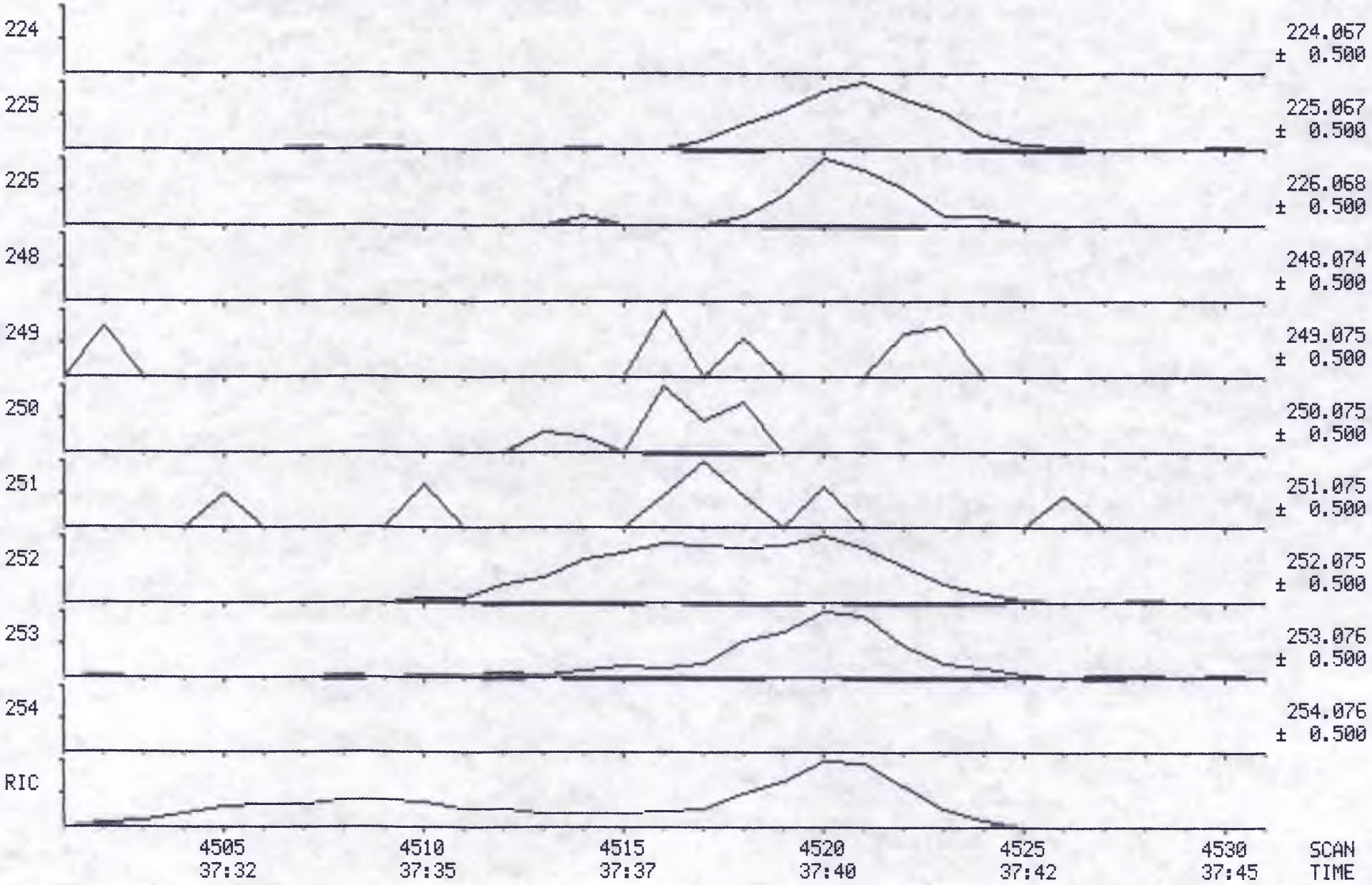
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #4405 SCANS 4390 TO 4420
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C765 BENZO(B)FLUORANTHENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



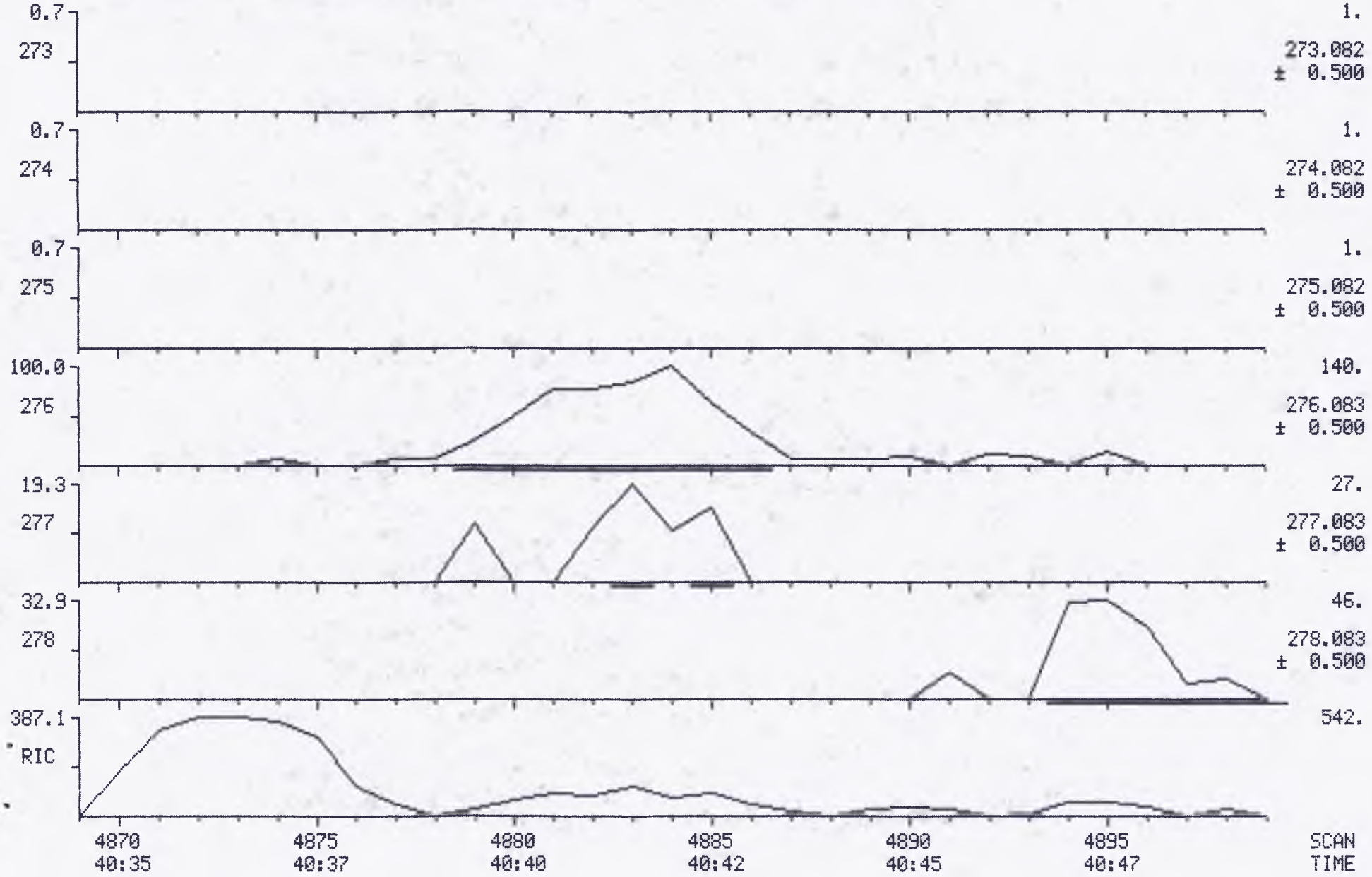
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #4416 SCANS 4401 TO 4431
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C770 BENZO(K)FLUORANTHENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



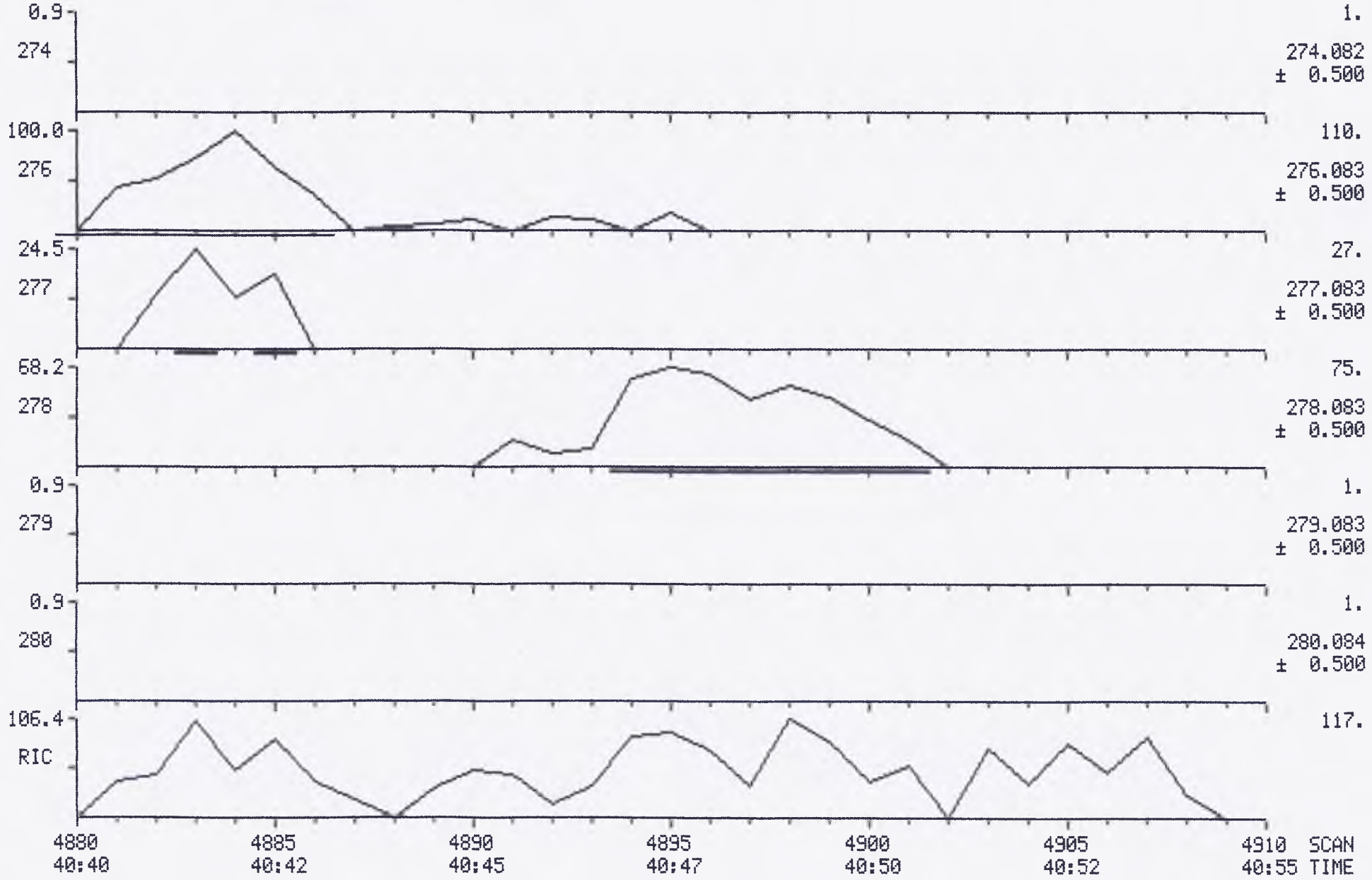
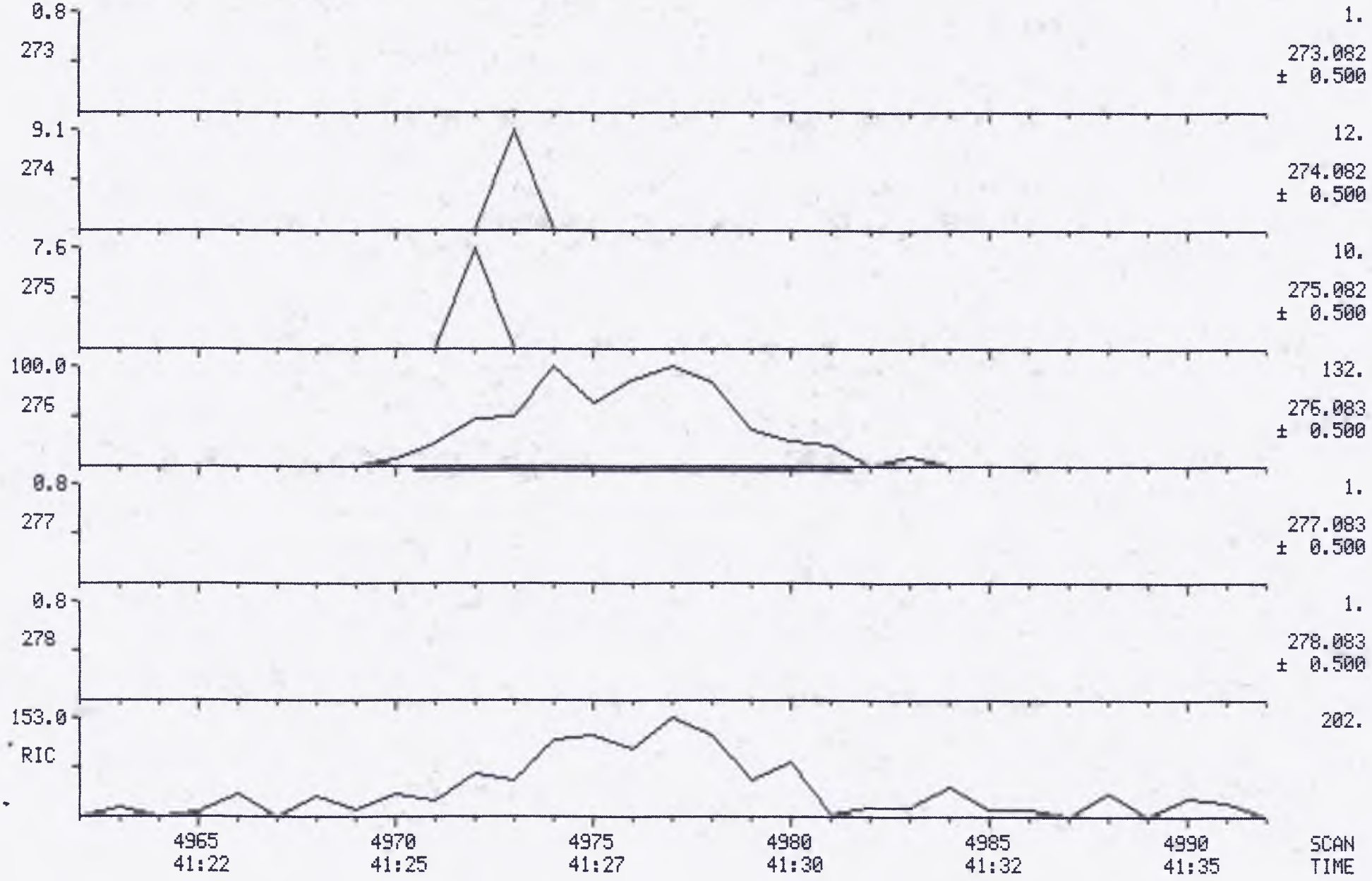
MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #4516 SCANS 4501 TO 4531
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C775 BENZO(A)PYRENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #4884 SCANS 4869 TO 4899
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 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



MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #4895 SCANS 4880 TO 4910
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C785 DIBENZ(A,H)ANTHRACENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3



MIDRIC+MASS CHROMATOGRAMS DATA: W130156 #4977 SCANS 4962 TO 4992
04/29/91 11:33:00 CALI: W130156 #5
SAMPLE: W130156 RIDGEFIELD 100% 1ML/2UL INJ
CONDS.: WDOE 35 DEG 2 MIN 50 DEG @ 5 MIN 320 DEG @ 8 DEG/MIN
C790 BENZO(G,H,I)PERYLENE
RANGE: G 1,5400 LABEL: N 2, 3.0 QUAN: A 2, 2.0 J 0 BASE: U 20, 3