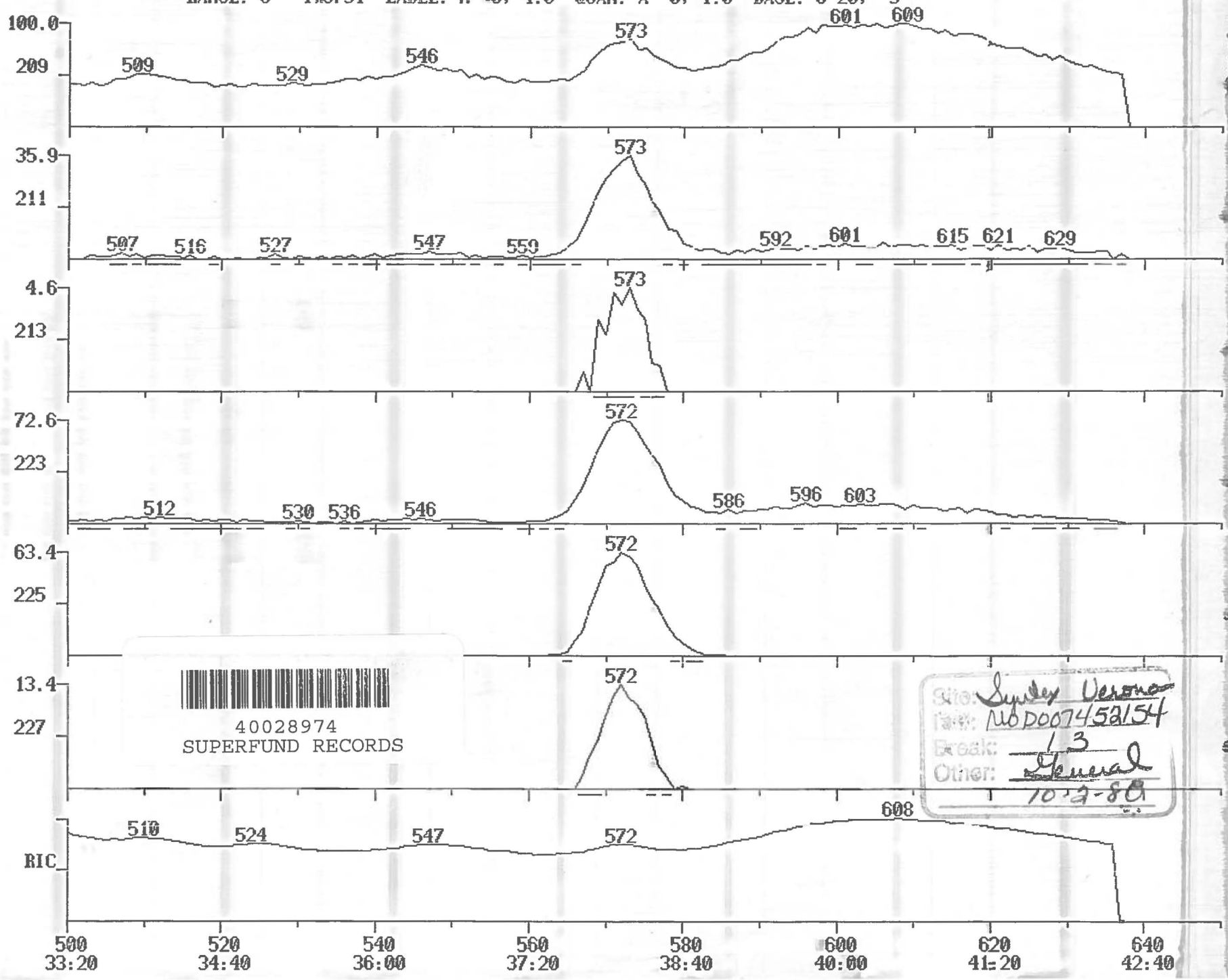
RIC + MASS CHROMATOGRAMS
10/02/80 9:24:00
SAMPLE: 4UL OF HCP REFERENCE-- 15UG METHYLATED - FOR COMPARISON
RANGE: G 1.9751 LABEL: N 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: AN34REF #571
CALI: OCT2 #4

SCANS 500 TO 650



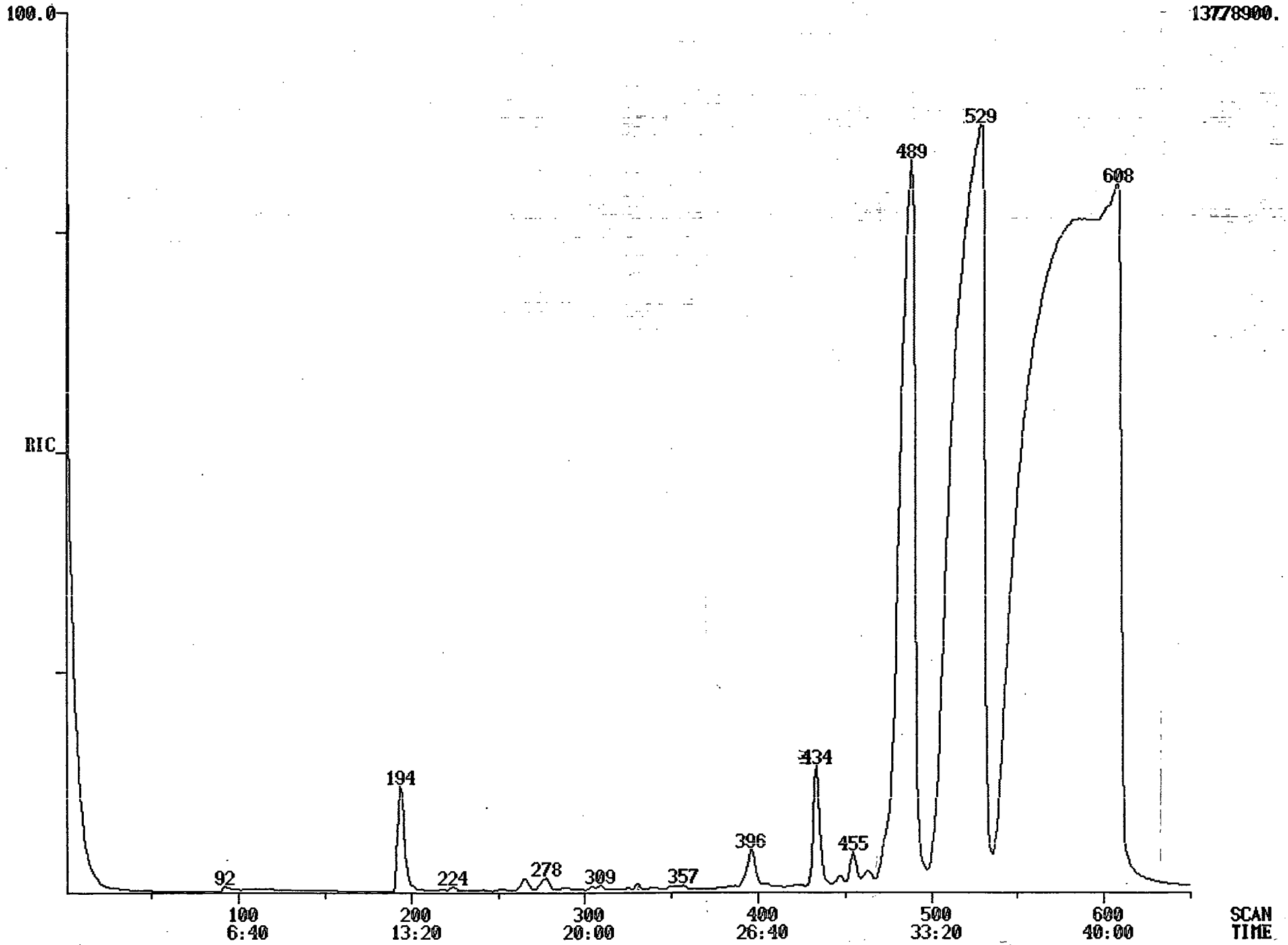
40028974
SUPERFUND RECORDS

Site: Syntex Verona
Site #: NJD007452154
Break: 1.3
Other: General
10-2-80

RIC
10/03/80 11:39:00
SAMPLE: 4UL OF 1ML OF EXTRACT
RANGE: G 1, 650 LABEL: N 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: AN3461 #1
CALI: OCT3 #4

SCANS 1 TO 650



PROCEDURE: FJB DATE: 10/03/80 13:37:51
FILE: AN3461 ANALYSIS TYPE: ANBASE SAMPLE CATEGORY: UNKNOWN

INDEX	LIBRARY	PRED	PEAKS	BEST	FIT	QUAN
STD	BA, 1	263	1	264	993	1
1	BA, 1	264	1	264	993	1
2	BA, 2	138	0	0	0	0
3	BA, 3	145	0	0	0	0
4	BA, 4	309	1	309	964	1
5	BA, 5	309	1	309	964	1
6	BA, 6	377	0	0	0	0
7	BA, 7	81	0	0	0	0
8	BA, 8	81	0	0	0	0
9	BA, 9	87	1	82	500	0
10	BA,10	90	0	0	0	0
11	BA,11	91	0	0	0	0
12	BA,12	98	1	92	742	1
13	BA,13	113	3	106	707	0
14	BA,14	125	2	120	713	1
15	BA,15	130	2	132	766	1
16	BA,16	136	0	0	0	0
17	BA,17	138	0	0	0	0
18	BA,18	146	0	0	0	0
19	BA,19	188	0	0	0	0
20	BA,20	202	1	194	937	1
21	BA,21	226	0	0	0	0
22	BA,22	233	0	0	0	0
23	BA,23	238	1	242	570	1
24	BA,24	246	2	242	924	1
25	BA,25	258	2	266	935	1
26	BA,26	223	0	0	0	0
27	BA,27	261	2	265	954	1
28	BA,28	267	1	266	910	1
29	BA,29	267	1	268	629	1
30	BA,30	274	0	0	0	0
31	BA,31	282	0	0	0	0
32	BA,32	284	2	278	643	0
33	BA,33	309	2	310	658	1
34	BA,34	309	2	310	658	1
35	BA,35	145	1	142	692	1
36	BA,36	340	1	340	898	1
37	BA,37	368	2	367	574	0
38	BA,38	380	3	380	791	0
39	BA,39	383	0	0	0	0
40	BA,40	423	1	425	859	1
41	BA,41	434	1	434	997	1
42	BA,42	443	0	0	0	0
43	BA,43	443	0	0	0	0
44	BA,44	465	1	463	804	1
45	BA,45	451	2	455	694	2
46	BA,46	473	0	0	0	0
47	BA,47	427	0	0	0	0
48	BA,48	492	1	489	737	1
49	BA,49	686	0	0	0	0
50	BA,50	739	0	0	0	0
51	BA,51	696	0	0	0	0

51 PEAKS PROCESSED, 22 PEAKS FOUND

QUANTITATION REPORT FILE: AN3461

DATA: AN3461:TI
10/03/80 11:39:00
SAMPLE: 4UL OF 1ML OF EXTRACT
CONDS.: 60C FOR 2MIN TO 290C AT 6C/MIN HOLD 10MIN
FORMULA: SPL INSTRUMENT: FINN WEIGHT: 0.000
SUBMITTED BY: AN34 ANALYST: DME ACCT. NO.: AN34

AMOUNT=AREA * REF.AMNT/(REF.AREA* RESP.FACT)

NO	NAME
1	HEXAETHYLBENZENE
2	4-FLUOROANILINE
3	D8 NAPHTHALENE
4	D-10 ANTHRACENE
5	D-10 ANTHRACENE
6	PCB 1254/1260 INDICATOR
7	26B 1,3-DICHLOROBENZENE
8	27B 1,4-DICHLOROBENZENE
9	18B BIS (2-CHLOROETHYL) ETHER
10	25B 1,2-DICHLOROBENZENE
11	12B HEXACHLOROETHANE
12	42B BIS (2-CHLOROISOPROPYL) ETHER
13	63B N-NITROSO-DI-N-PROPYLAMINE
14	56B NITROBENZENE
15	54B ISOPHORONE
16	52B HEXACHLOROBUTADIENE
17	8B 1,2,4-TRICHLOROBENZENE
18	55B NAPHTHALENE
19	53B HEXACHLOROCYCLOPENTADIENE
20	2-CHLORONAPHTHALENE
21	77B ACENAPHTHYLENE
22	1B ACENAPHTHENE
23	71B DIMETHYLPHTHALATE
24	36B 2,6-DINITROTOLUENE
25	80B FLUORENE
26	4-CHLORO-PHENYL PHENYL ETHER
27	35B 2,4-DINITROTOLUENE
28	37B 1,2-DIPHENYLHYDRAZINE
29	70B DIETHYLPHTHALATE
30	62B N-NITROSODIPHENYLAMINE
31	9B HEXACHLOROBENZENE
32	41B 4-BROMOPHENOXYBENZENE
33	ANTHRACENE
34	PHENANTHRENE
35	BIS(2-CHLOROETHOXY)METHANE
36	68B DI-N-BUTYLPHTHALATE
37	39B FLUORANTHENE
38	84B PYRENE
39	BENZIDINE
40	67B BUTYLBENZYLPHTHALATE
41	66B BIS (2-ETHYLHEXYL) PHTHALATE
42	76B CHRYSENE
43	72B BENZO (A) ANTHRACENE
44	40B DI-N-OCTYLPHTHALATE
45	BENZO(B)FLUORANTHENE
46	BENZO(K)FLUORANTHENE
47	28B 3,3'-DICHLOROBENZIDINE

NO	NAME
48	BENZO(A)PYRENE
49	INDENO(1,2,3-CD) PYRENE
50	DIBENZO(A,H)-ANTHRACENE
51	BENZO(G,H,I) PERYLENE

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA	AMOUNT		%TOT
1	231	264	17:36	1	1.000	A BB	28281.	25.000	NG/UL	0.00
2	NOT FOUND									
3	NOT FOUND									
4	188	309	20:36	1	1.170	A BB	71997.	59.976	NG/UL	0.01
5	188	309	20:36	1	1.170	A BB	71997.	59.976	NG/UL	0.01
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9	NOT FOUND									
10	NOT FOUND									
11	NOT FOUND									
12	45	92	6:08	1	0.348	A BB	118536.	50.461	UG/L	0.01
13	NOT FOUND									
14	77	119	7:56	1	0.451	A VB	1713.	1.279	NG/UL	0.00
15	82	132	8:48	1	0.500	A BV	88.	0.038	NG/UL	0.00
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	162	194	12:56	1	0.735	A BB	36789.	20.802	NG/UL	0.00
21	NOT FOUND									
22	NOT FOUND									
23	163	242	16:08	1	0.917	A BB	719.	0.406	NG/UL	0.00
24	165	242	16:08	1	0.917	A BB	4876.	10.857	NG/UL	0.00
25	166	266	17:44	1	1.008	A BV	33067.	16.636	NG/UL	0.00
26	NOT FOUND									
27	165	266	17:44	1	1.008	A BV	41819.	33.076	NG/UL	0.00
28	182	265	17:40	1	1.004	A BB	11566.	25.650	NG/UL	0.00
29	149	267	17:48	1	1.011	A BB	1484.	0.549	NG/UL	0.00
30	NOT FOUND									
31	NOT FOUND									
32	NOT FOUND									
33	178	310	20:40	1	1.174	A BB	1411.	0.266	NG/UL	0.00
34	178	310	20:40	1	1.174	A BB	1411.	0.266	NG/UL	0.00
35	93	143	9:32	1	0.542	A BB	16.	0.012	NG/UL	0.00
36	149	340	22:40	1	1.288	A BB	29870.	5.108	NG/UL	0.00
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	149	425	28:20	1	1.610	A BB	6521.	3.881	NG/UL	0.00
41	149	434	28:56	1	1.644	A VB	1690960.	607.415	NG/UL	0.06
42	NOT FOUND									
43	NOT FOUND									
44	149	463	30:52	1	1.754	A VB	8606.	1.643	NG/UL	0.00
45	252	455	30:20	1	1.723	A*VV	772.	39.611	NG/UL	0.00
46	NOT FOUND									
47	NOT FOUND									
48	252	487	32:28	1	1.845	A BB	143227.	979858.000	NG/UL	99.90
49	NOT FOUND									
50	NOT FOUND									

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA	AMOUNT	%TOT
51	NOT FOUND								

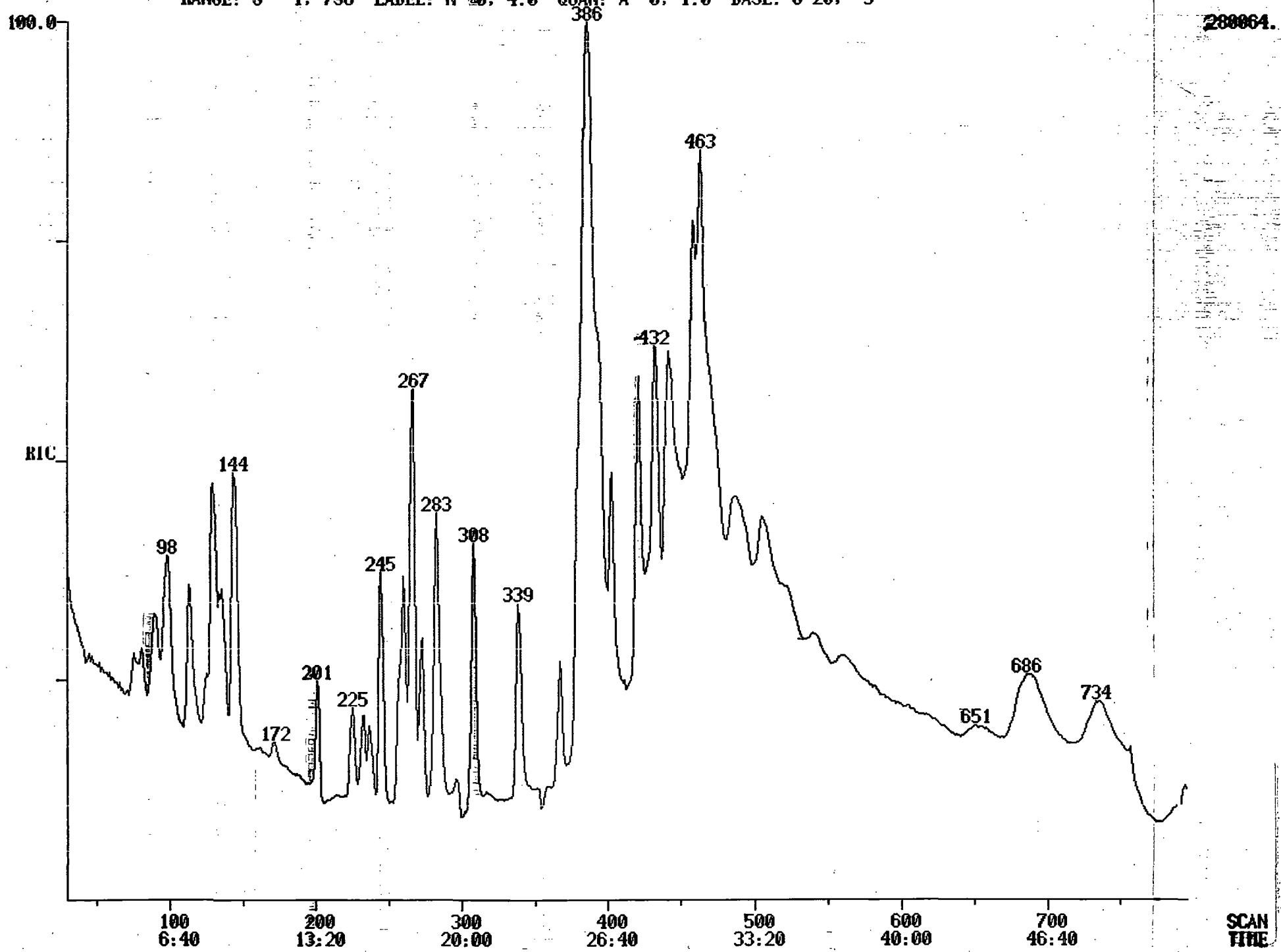
NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R.FAC	R.FAC(L)	RATIO
1	17:32	1.00	1.000	1.00	25.00	25.00	1.000	1.000	1.00
2	9:08		0.521			25.00		0.055	
3	9:36		0.548			25.00		2.194	
4	20:32	1.00	1.171	1.00	59.98	47.60	1.337	1.061	1.26
5	20:32	1.00	1.171	1.00	59.98	47.60	1.337	1.061	1.26
6	28:24		1.430			1.00		0.085	
7	5:24		0.308			25.00		0.946	
8	5:24		0.308			25.00		0.946	
9	5:48		0.331			25.00		0.733	
10	6:00		0.342			25.00		0.918	
11	6:04		0.346			25.00		0.434	
12	6:32	0.94	0.373	0.94	50.46	48.80	2.147	2.077	1.03
13	7:32		0.430			75.00		0.085	
14	8:20	0.95	0.475	0.95	1.28	26.00	0.058	1.183	0.05
15	8:40	1.02	0.494	1.01	0.04	100.00	0.001	2.063	0.00
16	9:00		0.513			25.00		0.431	
17	9:08		0.521			25.00		0.767	
18	9:40		0.551			25.00		2.569	
19	14:48		0.714			50.00		0.048	
20	13:24	0.97	0.764	0.96	20.80	25.00	1.301	1.563	0.83
21	15:00		0.856			25.00		2.303	
22	15:28		0.882			25.00		1.165	
23	15:48	1.02	0.901	1.02	0.41	26.50	0.024	1.566	0.02
24	16:20	0.99	0.932	0.98	10.86	75.00	0.057	0.397	0.14
25	17:08	1.04	0.977	1.03	16.64	25.00	1.169	1.757	0.67
26	16:28		0.843			1.00		0.022	
27	17:20	1.02	0.989	1.02	33.08	75.00	0.493	1.118	0.44
28	17:44	1.00	1.011	0.99	25.65	50.00	0.204	0.399	0.51
29	17:44	1.00	1.011	1.00	0.55	50.00	0.026	2.388	0.01
30	18:12		1.038			50.00		1.014	
31	18:44		1.068			25.00		0.715	
32	18:52		1.076			50.00		0.552	
33	20:32	1.01	1.171	1.00	0.27	25.00	0.050	4.699	0.01
34	20:32	1.01	1.171	1.00	0.27	25.00	0.050	4.699	0.01
35	9:36	0.99	0.548	0.99	0.01	53.75	0.000	1.149	0.00
36	22:36	1.00	1.289	1.00	5.11	25.60	1.031	5.169	0.20
37	24:28		1.395			25.00		2.726	
38	25:16		1.441			25.00		3.464	
39	29:36		1.451			200.00		1.027	
40	28:04	1.01	1.601	1.01	3.88	50.00	0.115	1.485	0.08
41	28:48	1.00	1.643	1.00	607.41	27.60	54.159	2.461	22.01
42	29:24		1.677			50.00		3.615	
43	29:24		1.677			50.00		3.615	
44	30:52	1.00	1.760	1.00	1.64	52.40	0.145	4.632	0.03
45	33:20	0.91	1.706	1.01	39.61	1.00	0.682	0.017	39.61
46	36:32		1.791			10.00		0.578	
47	49:48		1.618			1.00		0.240	
48	36:24	0.89	1.863	0.99	979858.00	100.00	1.266	0.0009798.58	
49	45:32		2.597			50.00		1.597	
50	47:36		2.800			48.50		1.603	
51	50:36		2.635			50.00		1.707	

```
10/3/80    11:39:58          SCAN 1 OF 650
     ACQUISITION STARTED

ACQUIRE                      RUN 2:AN3461              ACQUIRING
10/03/80 11:39:00 +  0:04    FREE SECTORS: 6287        SCAN: 1 OF 650
SAMPLE: 4UL OF 1ML OF EXTRACT
CONDS.: 60C FOR 2MIN TO 290C AT 6C/MIN HOLD 10MIN
FORMULA: SPL                 INSTRUMENT: FINN          WEIGHT:    1.000
SUBMITTED BY: AN34           ANALYST: DME              ACCT. NO.: AN34

LOW MASS:    33                UP:  3.90 L*              TOP:  0.00
HIGH MASS:  450              DOWN:  0.00 L             BOTTOM:  0.10

CENT S/P: 10  ACTUAL:  37    SAMP INT (MS): 0.200      PEAK WIDTH:  800.
FRAG S/P: 10  ACTUAL:   9    SAMP INT (MS): 0.800      INTEN/ION:  2

MIN PEAK WIDTH:  1           MIN FRAG WIDTH %:  80     MIN AREA:   5
A/D THRESHOLD:   1           BASELINE:   0

MODE:  CENTROID

    INTERFACE NUMBER            0
    SUB-INTERFACE NUMBER        0
    # OF ACQU BUFFERS           16
    INSTRUMENT TYPE             Q
    FULL SCALE MASS          1024  AMU
    ZERO SCALE MASS             1  AMU
    INTENSITY/ION               2
    PEAK WIDTH                800. MMU
    OFFSET AT LOW MASS          0  MMU
    OFFSET AT HIGH MASS         0  MMU
    VOLTAGE SETTLING TIME(MS)   4


10/3/80    12:25:38
     ACQUISITION COMPLETED
     SCANS    1 TO  650 CENTROID

MODE       SCANS    SECS  OUT OF       %     PEAKS PER SCAN  PER SEC
CENTROID    650   364.9  2600.0    14.0    143650.     221.      55.

10/3/80    13:37:42
     PJB STARTED, ANALYSIS TYPE: ANBASE, SAMPLE CATEGORY: UNKNOWN

10/3/80    14:05:09
     PJB FINISHED, 51 PEAKS PROCESSED, 22 PEAKS FOUND
```

RIC
10/03/80 9:31:00
SAMPLE: 4UL OF BNDJC STD FOR QUANTIFICATION
RANGE: G 1, 796 LABEL: N 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: BNSTDOCT3 #1
CALI: OCT3 #4

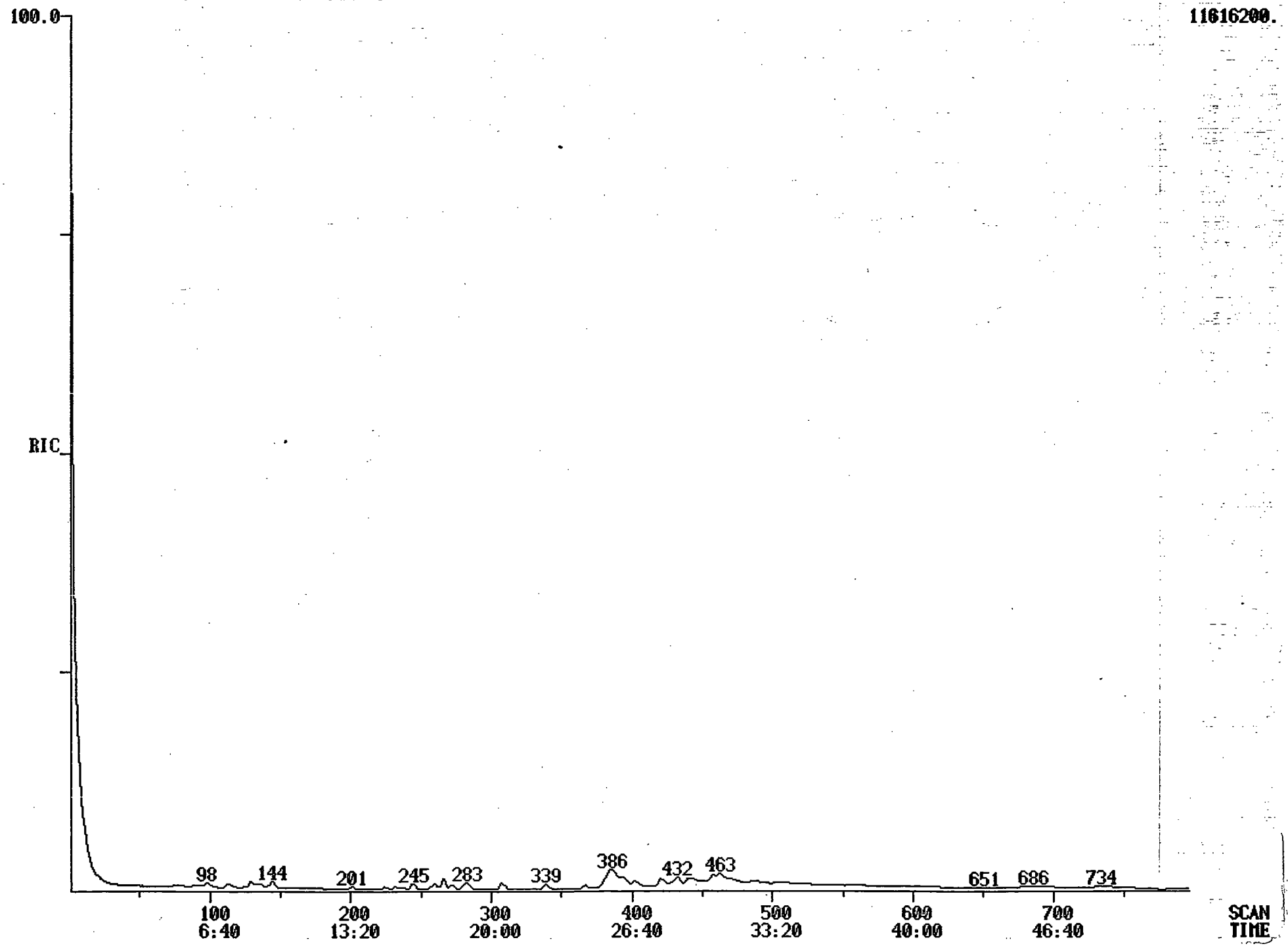
SCANS 30 TO 796



RIC
10/03/80 9:31:00
SAMPLE: 4UL OF BNDJC STD FOR QUANTIFICATION
RANGE: G 1, 796 LABEL: N 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: BNSTDOCT3 #1
CALI: OCT3 #4

SCANS 1 TO 796



PROCEDURE: PJB DATE: 10/03/80 12:50:53
FILE: BNSTDOCT3 ANALYSIS TYPE: ANBASE SAMPLE CATEGORY: STANDARD

INDEX	LIBRARY	PRED	PEAKS	BEST	FIT	QUAN
STD	BA, 1	263	1	263	893	1
1	BA, 1	263	1	263	893	1
2	BA, 2	137	2	130	686	0
3	BA, 3	144	1	144	893	1
4	BA, 4	308	1	308	966	1
5	BA, 5	308	1	308	966	1
6	BA, 6	376	0	0	0	0
7	BA, 7	76	2	81	980	1
8	BA, 8	81	2	81	981	1
9	BA, 9	87	1	87	997	1
10	BA,10	91	2	90	980	1
11	BA,11	91	1	91	998	1
12	BA,12	98	1	98	992	1
13	BA,13	113	1	113	994	1
14	BA,14	125	1	125	932	1
15	BA,15	130	1	130	997	1
16	BA,16	135	1	135	911	1
17	BA,17	137	1	137	812	1
18	BA,18	145	1	145	900	1
19	BA,19	188	0	0	0	0
20	BA,20	202	1	201	998	1
21	BA,21	225	2	225	878	1
22	BA,22	232	1	232	985	1
23	BA,23	237	1	237	989	1
24	BA,24	245	2	245	992	1
25	BA,25	257	1	257	943	1
26	BA,26	222	0	0	0	0
27	BA,27	260	1	260	989	1
28	BA,28	266	2	267	991	1
29	BA,29	266	1	266	987	1
30	BA,30	273	1	272	956	1
31	BA,31	281	1	281	933	1
32	BA,32	283	1	283	975	1
33	BA,33	308	1	308	986	1
34	BA,34	308	1	308	986	1
35	BA,35	144	1	144	998	1
36	BA,36	339	1	339	983	1
37	BA,37	368	1	367	979	1
38	BA,38	379	1	379	914	1
39	BA,39	382	0	0	0	0
40	BA,40	421	1	421	984	1
41	BA,41	432	1	432	994	1
42	BA,42	441	1	441	976	1
43	BA,43	439	1	441	976	1
44	BA,44	463	1	463	970	1
45	BA,45	449	2	444	624	0
46	BA,46	471	1	472	508	0
47	BA,47	426	0	0	0	0
48	BA,48	490	1	482	525	0
49	BA,49	684	1	684	993	1
50	BA,50	736	5	737	824	0
51	BA,51	693	0	0	0	0

51 PEAKS PROCESSED, 40 PEAKS FOUND

QUANTITATION REPORT FILE: BNSTDOCT3

DATA: BNSTDOCT3;TI
10/03/80 9:31:00
SAMPLE: 4UL OF BNDJC STD FOR QUANTIFICATION
CONDS.: 60C FOR 2MIN TO 290C AT 6C/MIN HOLD 10MIN
FORMULA: QUANT STD INSTRUMENT: FINN WEIGHT: 0.000
SUBMITTED BY: EPA ANALYST: DME ACCT. NO.: QC

AMOUNT=AREA * REF.AMNT/(REF.AREA* RESP.FACT)

NO	NAME
1	HEXAETHYLBENZENE
2	4-FLUOROANILINE
3	D8 NAPHTHALENE
4	D-10 ANTHRACENE
5	D-10 ANTHRACENE
6	PCB 1254/1260 INDICATOR
7	26B 1,3-DICHLOROBENZENE
8	27B 1,4-DICHLOROBENZENE
9	18B BIS (2-CHLOROETHYL) ETHER
10	25B 1,2-DICHLOROBENZENE
11	12B HEXACHLOROETHANE
12	42B BIS (2-CHLOROISOPROPYL) ETHER
13	63B N-NITROSO-DI-N-PROPYLAMINE
14	56B NITROBENZENE
15	54B ISOPHORONE
16	52B HEXACHLOROBUTADIENE
17	8B 1,2,4-TRICHLOROBENZENE
18	55B NAPHTHALENE
19	53B HEXACHLOROCYCLOPENTADIENE
20	2-CHLORONAPHTHALENE
21	77B ACENAPHTHYLENE
22	1B ACENAPHTHENE
23	71B DIMETHYLPHTHALATE
24	36B 2,6-DINITROTOLUENE
25	80B FLUORENE
26	4-CHLORO-PHENYL PHENYL ETHER
27	35B 2,4-DINITROTOLUENE
28	37B 1,2-DIPHENYLHYDRAZINE
29	70B DIETHYLPHTHALATE
30	62B N-NITROSODIPHENYLAMINE
31	9B HEXACHLOROBENZENE
32	41B 4-BROMOPHENOXYBENZENE
33	ANTHRACENE
34	PHENANTHRENE
35	BIS(2-CHLOROETHOXY)METHANE
36	68B DI-N-BUTYLPHTHALATE
37	39B FLUORANTHENE
38	84B PYRENE
39	BENZIDINE
40	67B BUTYLBENZYLPHTHALATE
41	66B BIS (2-ETHYLHEXYL) PHTHALATE
42	76B CHRYSENE
43	72B BENZO (A) ANTHRACENE
44	40B DI-N-OCTYLPHTHALATE
45	BENZO(B)FLUORANTHENE
46	BENZO(K)FLUORANTHENE
47	28B 3,3'-DICHLOROBENZIDINE

NO	NAME
48	BENZO(A)PYRENE
49	INDENO(1,2,3-CD) PYRENE
50	DIBENZO(A,H)-ANTHRACENE
51	BENZO(G,H,I) PERYLENE

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA	AMOUNT		%TOT
1	231	263	17:32	1	1.000	A BB	20864.	25.000	NG/UL	0.03
2	NOT FOUND									
3	136	144	9:36	1	0.548	A BB	45776.	25.000	NG/UL	0.03
4	188	308	20:32	1	1.171	A BB	42155.	47.600	NG/UL	0.06
5	188	308	20:32	1	1.171	A BB	42155.	47.600	NG/UL	0.06
6	NOT FOUND									
7	146	81	5:24	1	0.308	A VV	19739.	7.970	NG/UL	0.01
8	146	81	5:24	1	0.308	A VV	19739.	7.970	NG/UL	0.01
9	93	87	5:48	1	0.331	A BV	15302.	7.353	NG/UL	0.01
10	146	90	6:00	1	0.342	A VB	19148.	13.900	NG/UL	0.02
11	117	91	6:04	1	0.346	A BV	9064.	11.528	NG/UL	0.02
12	45	98	6:32	1	0.373	A BB	84571.	222.637	UG/L	0.29
13	130	113	7:32	1	0.430	A BB	5342.	44.469	NG/UL	0.06
14	77	125	8:20	1	0.475	A BB	25679.	244.744	NG/UL	0.32
15	82	130	8:40	1	0.494	A BB	172186.	104.645	NG/UL	0.14
16	225	135	9:00	1	0.513	A BB	8996.	14.951	NG/UL	0.02
17	180	137	9:08	1	0.521	A BB	15995.	16.580	NG/UL	0.02
18	128	145	9:40	1	0.551	A BB	53600.	19.169	NG/UL	0.03
19	NOT FOUND									
20	162	201	13:24	1	0.764	A BB	32618.	17.933	NG/UL	0.02
21	152	225	15:00	1	0.856	A BV	48050.	83.839	NG/UL	0.11
22	154	232	15:28	1	0.882	A BB	24303.	25.000	NG/UL	0.03
23	163	237	15:48	1	0.901	A BB	34625.	26.500	NG/UL	0.04
24	165	245	16:20	1	0.932	A BB	24850.	75.000	NG/UL	0.10
25	166	257	17:08	1	0.977	A BB	36661.	25.000	NG/UL	0.03
26	NOT FOUND									
27	165	260	17:20	1	0.989	A BB	69958.	75.000	NG/UL	0.10
28	182	266	17:44	1	1.011	A VB	16633.	50.000	NG/UL	0.07
29	149	266	17:44	1	1.011	A BB	99627.	50.000	NG/UL	0.07
30	169	273	18:12	1	1.038	A BV	42297.	50.000	NG/UL	0.07
31	284	281	18:44	1	1.068	A BB	14919.	25.000	NG/UL	0.03
32	248	283	18:52	1	1.076	A BB	23040.	50.000	NG/UL	0.07
33	178	308	20:32	1	1.171	A BB	98037.	25.000	NG/UL	0.03
34	178	308	20:32	1	1.171	A BB	98037.	25.000	NG/UL	0.03
35	93	144	9:36	1	0.548	A BB	51561.	53.267	NG/UL	0.07
36	149	339	22:36	1	1.289	A BB	110431.	19.073	NG/UL	0.03
37	202	367	24:28	1	1.395	A BV	56871.	20.014	NG/UL	0.03
38	202	379	25:16	1	1.441	A VB	72278.	31.773	NG/UL	0.04
39	NOT FOUND									
40	149	421	28:04	1	1.601	A BV	61975.	42.323	NG/UL	0.06
41	149	432	28:48	1	1.643	A VB	56684.	34.013	NG/UL	0.05
42	228	441	29:24	1	1.677	A BB	150833.	26.789	NG/UL	0.04
43	228	441	29:24	1	1.677	A BB	150833.	72346.900	NG/UL	95.75
44	149	463	30:52	1	1.760	A BB	202543.	230.743	NG/UL	0.31
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	276	683	45:32	1	2.597	A BB	66641.	1292.530	NG/UL	1.71
50	NOT FOUND									

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA	AMOUNT	%TOT
51	NOT FOUND								

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R.FAC	R.FAC(L)	RATIO
1	17:32	1.00	1.000	1.00	25.00	25.00	1.000	1.000	1.00
2	9:08		0.521			25.00		0.055	
3	9:36	1.00	0.548	1.00	25.00	25.00	2.194	2.194	1.00
4	20:32	1.00	1.171	1.00	47.60	47.60	1.061	1.061	1.00
5	20:32	1.00	1.171	1.00	47.60	47.60	1.061	1.061	1.00
6	28:24		1.430			1.00		0.085	
7	8:28	0.64	0.289	1.07	7.97	25.00	0.946	2.968	0.32
8	8:28	0.64	0.308	1.00	7.97	25.00	0.946	2.968	0.32
9	12:44	0.46	0.331	1.00	7.35	25.00	0.733	2.494	0.29
10	9:08	0.66	0.346	0.99	13.90	25.00	0.918	1.651	0.56
11	9:16	0.65	0.346	1.00	11.53	25.00	0.434	0.942	0.46
12	9:32	0.69	0.373	1.00	222.64	48.80	2.077	0.455	4.56
13	10:40	0.71	0.430	1.00	44.47	75.00	0.085	0.144	0.59
14	9:40	0.86	0.475	1.00	244.74	26.00	1.183	0.126	9.41
15	11:48	0.73	0.494	1.00	104.65	100.00	2.063	1.972	1.05
16	12:12	0.74	0.513	1.00	14.95	25.00	0.431	0.721	0.60
17	12:24	0.74	0.521	1.00	16.58	25.00	0.767	1.156	0.66
18	13:00	0.74	0.551	1.00	19.17	25.00	2.569	3.350	0.77
19	14:48		0.714			50.00		0.048	
20	16:48	0.80	0.768	1.00	17.93	25.00	1.563	2.179	0.72
21	15:28	0.97	0.856	1.00	83.84	25.00	2.303	0.687	3.35
22	15:28	1.00	0.882	1.00	25.00	25.00	1.165	1.165	1.00
23	15:48	1.00	0.901	1.00	26.50	26.50	1.566	1.566	1.00
24	16:20	1.00	0.932	1.00	75.00	75.00	0.397	0.397	1.00
25	17:08	1.00	0.977	1.00	25.00	25.00	1.757	1.757	1.00
26	16:28		0.843			1.00		0.022	
27	17:20	1.00	0.989	1.00	75.00	75.00	1.118	1.118	1.00
28	17:44	1.00	1.011	1.00	50.00	50.00	0.399	0.399	1.00
29	17:44	1.00	1.011	1.00	50.00	50.00	2.388	2.388	1.00
30	18:12	1.00	1.038	1.00	50.00	50.00	1.014	1.014	1.00
31	18:44	1.00	1.068	1.00	25.00	25.00	0.715	0.715	1.00
32	18:52	1.00	1.076	1.00	50.00	50.00	0.552	0.552	1.00
33	20:32	1.00	1.171	1.00	25.00	25.00	4.699	4.699	1.00
34	20:32	1.00	1.171	1.00	25.00	25.00	4.699	4.699	1.00
35	12:44	0.75	0.548	1.00	53.27	53.75	1.149	1.160	0.99
36	25:44	0.88	1.289	1.00	19.07	25.60	5.169	6.938	0.75
37	28:00	0.87	1.399	1.00	20.01	25.00	2.726	3.405	0.80
38	24:28	1.03	1.441	1.00	31.77	25.00	3.464	2.726	1.27
39	29:36		1.451			200.00		1.027	
40	31:12	0.90	1.601	1.00	42.32	50.00	1.485	1.755	0.85
41	32:48	0.88	1.643	1.00	34.01	27.60	2.461	1.997	1.23
42	35:00	0.84	1.677	1.00	26.79	50.00	3.615	6.747	0.54
43	31:16	0.94	1.670	1.00	72346.90	50.00	3.615	0.0021	446.94
44	32:48	0.94	1.760	1.00	230.74	52.40	4.632	1.052	4.40
45	33:20		1.706			1.00		0.017	
46	36:32		1.791			10.00		0.578	
47	49:48		1.618			1.00		0.240	
48	36:24		1.863			100.00		0.000	
49	34:56	1.30	2.600	1.00	1292.54	50.00	1.597	0.062	25.85
50	47:36		2.800			48.50		1.603	
51	50:36		2.635			50.00		1.707	

```
10/3/80     9:31:01            SCAN 1 OF 1000
     ACQUISITION STARTED

ACQUIRE                        RUN 0:BNSTDOCT3            ACQUIRING
10/03/80  9:31:00 +  0:04      FREE SECTORS: 2269         SCAN: 1 OF 1000
SAMPLE: 4UL OF BNDJC STD FOR QUANTIFICATION
CONDS.: 60C FOR 2MIN TO 290C AT 6C/MIN HOLD 10MIN
FORMULA: QUANT STD             INSTRUMENT: FINN           WEIGHT:    1.000
SUBMITTED BY: EPA              ANALYST: DME               ACCT. NO.: QC

LOW MASS:    33                  UP:  3.90 L*                TOP:  0.00
HIGH MASS:  450                DOWN:  0.00 L              BOTTOM:  0.10

CENT S/P: 10  ACTUAL:  37      SAMP INT (MS): 0.200       PEAK WIDTH:  800.
FRAG S/P: 10  ACTUAL:   9      SAMP INT (MS): 0.800       INTEN/ION:  2

MIN PEAK WIDTH:  1             MIN FRAG WIDTH %:  80      MIN AREA:   5
A/D THRESHOLD:   1             BASELINE:   0

MODE:  CENTROID

    INTERFACE NUMBER            0
    SUB-INTERFACE NUMBER        0
    # OF ACQU BUFFERS          16
    INSTRUMENT TYPE            Q
    FULL SCALE MASS          1024  AMU
    ZERO SCALE MASS             1  AMU
    INTENSITY/ION               2
    PEAK WIDTH                800. MMU
    OFFSET AT LOW MASS          0  MMU
    OFFSET AT HIGH MASS         0  MMU
    VOLTAGE SETTLING TIME(MS)   4


10/3/80    10:00:58
    PJB STARTED, ANALYSIS TYPE: ANBASE, SAMPLE CATEGORY: UNKNOWN

10/3/80    10:23:55            SCAN 796
     ACQUISITION STOPPED

10/3/80    10:23:58
     ACQUISITION COMPLETED
     SCANS    1 TO  796 CENTROID

MODE       SCANS    SECS  OUT OF       %     PEAKS PER SCAN  PER SEC
CENTROID    796   309.2  3184.0     9.7    119149.     150.      37.

10/3/80    10:36:16
    PJB STARTED, ANALYSIS TYPE: ANBASE, SAMPLE CATEGORY: STANDARD

10/3/80    11:05:07
     PJB FINISHED, 51 PEAKS PROCESSED, 20 PEAKS FOUND

10/3/80    12:50:44
    PJB STARTED, ANALYSIS TYPE: ANBASE, SAMPLE CATEGORY: STANDARD

10/3/80    13:24:41
     PJB FINISHED, 51 PEAKS PROCESSED, 40 PEAKS FOUND
```

QUANTITATION REPORT FILE: BNSTDOCT3

DATA: BNSTDOCT3:TI
10/03/80 9:31:00
SAMPLE: 4UL OF BNDJC STD FOR QUANTIFICATION
CONDS.: 60C FOR 2MIN TO 290C AT 6C/MIN HOLD 10MIN
FORMULA: QUANT STD INSTRUMENT: FINN WEIGHT: 0.000
SUBMITTED BY: EPA ANALYST: DME ACCT. NO.: QC

AMOUNT=AREA * REF.AMNT/(REF.AREA* RESP.FACT)

NO	NAME
1	HEXAETHYLBENZENE
2	4-FLUOROANILINE
3	D8 NAPHTHALENE
4	D-10 ANTHRACENE
5	D-10 ANTHRACENE
6	PCB 1254/1260 INDICATOR
7	26B 1,3-DICHLOROBENZENE
8	27B 1,4-DICHLOROBENZENE
9	18B BIS (2-CHLOROETHYL) ETHER
10	25B 1,2-DICHLOROBENZENE
11	12B HEXACHLOROETHANE
12	42B BIS (2-CHLOROISOPROPYL) ETHER
13	63B N-NITROSO-DI-N-PROPYLAMINE
14	56B NITROBENZENE
15	54B ISOPHORONE
16	52B HEXACHLOROBUTADIENE
17	8B 1,2,4-TRICHLOROBENZENE
18	55B NAPHTHALENE
19	53B HEXACHLOROCYCLOPENTADIENE
20	2-CHLORONAPHTHALENE
21	77B ACENAPHTHYLENE
22	1B ACENAPHTHENE
23	71B DIMETHYLPHTHALATE
24	36B 2,6-DINITROTOLUENE
25	80B FLUORENE
26	4-CHLORO-PHENYL PHENYL ETHER
27	35B 2,4-DINITROTOLUENE
28	37B 1,2-DIPHENYLHYDRAZINE
29	70B DIETHYLPHTHALATE
30	62B N-NITROSODIPHENYLAMINE
31	9B HEXACHLOROBENZENE
32	41B 4-BROMOPHENOXYBENZENE
33	ANTHRACENE
34	PHENANTHRENE
35	BIS(2-CHLOROETHOXY)METHANE
36	68B DI-N-BUTYLPHTHALATE
37	39B FLUORANTHENE
38	84B PYRENE
39	BENZIDINE
40	67B BUTYLBENZYLPHTHALATE
41	66B BIS (2-ETHYLHEXYL) PHTHALATE
42	76B CHRYSENE
43	72B BENZO (A) ANTHRACENE
44	40B DI-N-OCTYLPHTHALATE
45	BENZO(B)FLUORANTHENE
46	BENZO(K)FLUORANTHENE
47	28B 3,3'-DICHLOROBENZIDINE

NO	NAME
48	BENZO(A)PYRENE
49	INDENO(1,2,3-CD) PYRENE
50	DIBENZO(A,H)-ANTHRACENE
51	BENZO(G,H,I) PERYLENE

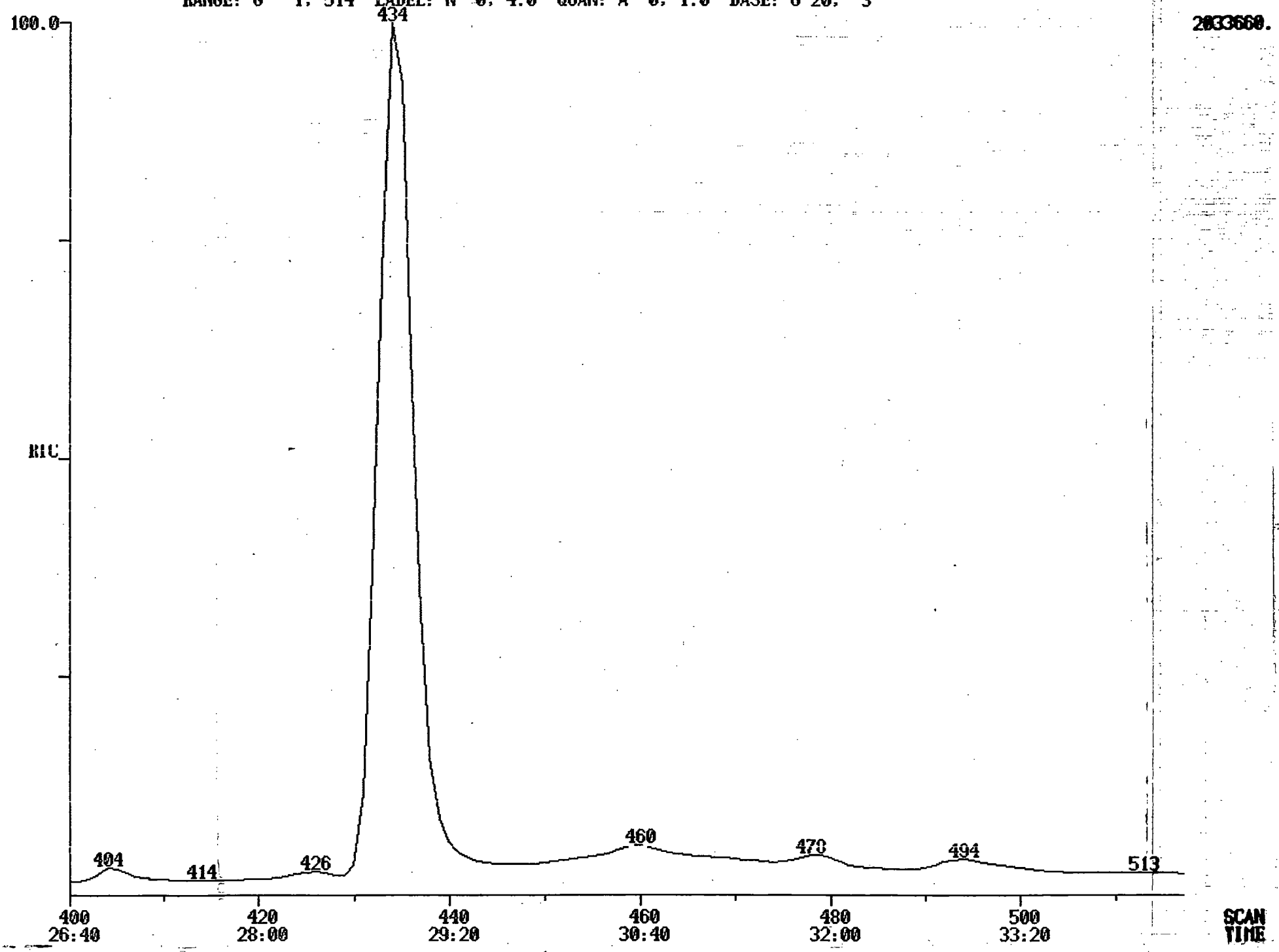
NO	M/E	SCAN	TIME	REF	RRT	METH	AREA	AMOUNT		%TOT
1	231	263	17:32	1	1.000	A BB	20864.	25.000	NG/UL	1.61
2	NOT FOUND									
3	136	144	9:36	1	0.548	A BB	45776.	25.000	NG/UL	1.61
4	188	308	20:32	1	1.171	A BB	42155.	47.600	NG/UL	3.06
5	188	308	20:32	1	1.171	A BB	42155.	47.600	NG/UL	3.06
6	NOT FOUND									
7	146	81	5:24	1	0.308	A VV	19739.	25.000	NG/UL	1.61
8	146	81	5:24	1	0.308	A VV	19739.	25.000	NG/UL	1.61
9	93	87	5:48	1	0.331	A BV	15302.	25.000	NG/UL	1.61
10	146	90	6:00	1	0.342	A VB	19148.	25.000	NG/UL	1.61
11	117	91	6:04	1	0.346	A BV	9064.	25.000	NG/UL	1.61
12	45	98	6:32	1	0.373	A BB	84571.	48.800	UG/L	3.14
13	130	113	7:32	1	0.430	A BB	5342.	75.000	NG/UL	4.82
14	77	125	8:20	1	0.475	A BB	25679.	26.000	NG/UL	1.67
15	82	130	8:40	1	0.494	A BB	172186.	100.000	NG/UL	6.43
16	225	135	9:00	1	0.513	A BB	8996.	25.000	NG/UL	1.61
17	180	137	9:08	1	0.521	A BB	15995.	25.000	NG/UL	1.61
18	128	145	9:40	1	0.551	A BB	53600.	25.000	NG/UL	1.61
19	NOT FOUND									
20	162	201	13:24	1	0.764	A BB	32618.	25.000	NG/UL	1.61
21	152	225	15:00	1	0.856	A BV	48050.	25.000	NG/UL	1.61
22	154	232	15:28	1	0.882	A BB	24303.	25.000	NG/UL	1.61
23	163	237	15:48	1	0.901	A BB	34625.	26.500	NG/UL	1.70
24	165	245	16:20	1	0.932	A BB	24850.	75.000	NG/UL	4.82
25	166	257	17:08	1	0.977	A BB	36661.	25.000	NG/UL	1.61
26	NOT FOUND									
27	165	260	17:20	1	0.989	A BB	69958.	75.000	NG/UL	4.82
28	182	266	17:44	1	1.011	A VB	16633.	50.000	NG/UL	3.21
29	149	266	17:44	1	1.011	A BB	99627.	50.000	NG/UL	3.21
30	169	273	18:12	1	1.038	A BV	42297.	50.000	NG/UL	3.21
31	284	281	18:44	1	1.068	A BB	14919.	25.000	NG/UL	1.61
32	248	283	18:52	1	1.076	A BB	23040.	50.000	NG/UL	3.21
33	178	308	20:32	1	1.171	A BB	98037.	25.000	NG/UL	1.61
34	178	308	20:32	1	1.171	A BB	98037.	25.000	NG/UL	1.61
35	93	144	9:36	1	0.548	A BB	51561.	53.750	NG/UL	3.45
36	149	339	22:36	1	1.289	A BB	110431.	25.600	NG/UL	1.65
37	202	367	24:28	1	1.395	A BV	56871.	25.000	NG/UL	1.61
38	202	379	25:16	1	1.441	A VB	72278.	25.000	NG/UL	1.61
39	NOT FOUND									
40	149	421	28:04	1	1.601	A BV	61975.	50.000	NG/UL	3.21
41	149	432	28:48	1	1.643	A VB	56684.	27.600	NG/UL	1.77
42	228	441	29:24	1	1.677	A BB	150833.	50.000	NG/UL	3.21
43	228	441	29:24	1	1.677	A BB	150833.	50.000	NG/UL	3.21
44	149	463	30:52	1	1.760	A BB	202543.	52.400	NG/UL	3.37
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	NOT FOUND									
49	276	683	45:32	1	2.597	A BB	66641.	50.000	NG/UL	3.21
50	NOT FOUND									

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA	AMOUNT	%TOT
51	NOT FOUND								

RIC
10/03/80 13:36:00
SAMPLE: 4UL OF 1ML EXTRACTED METHOD BLANK
RANGE: G 1, 514 LABEL: N 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: AN34MB #1
CALI: OCT3 #4

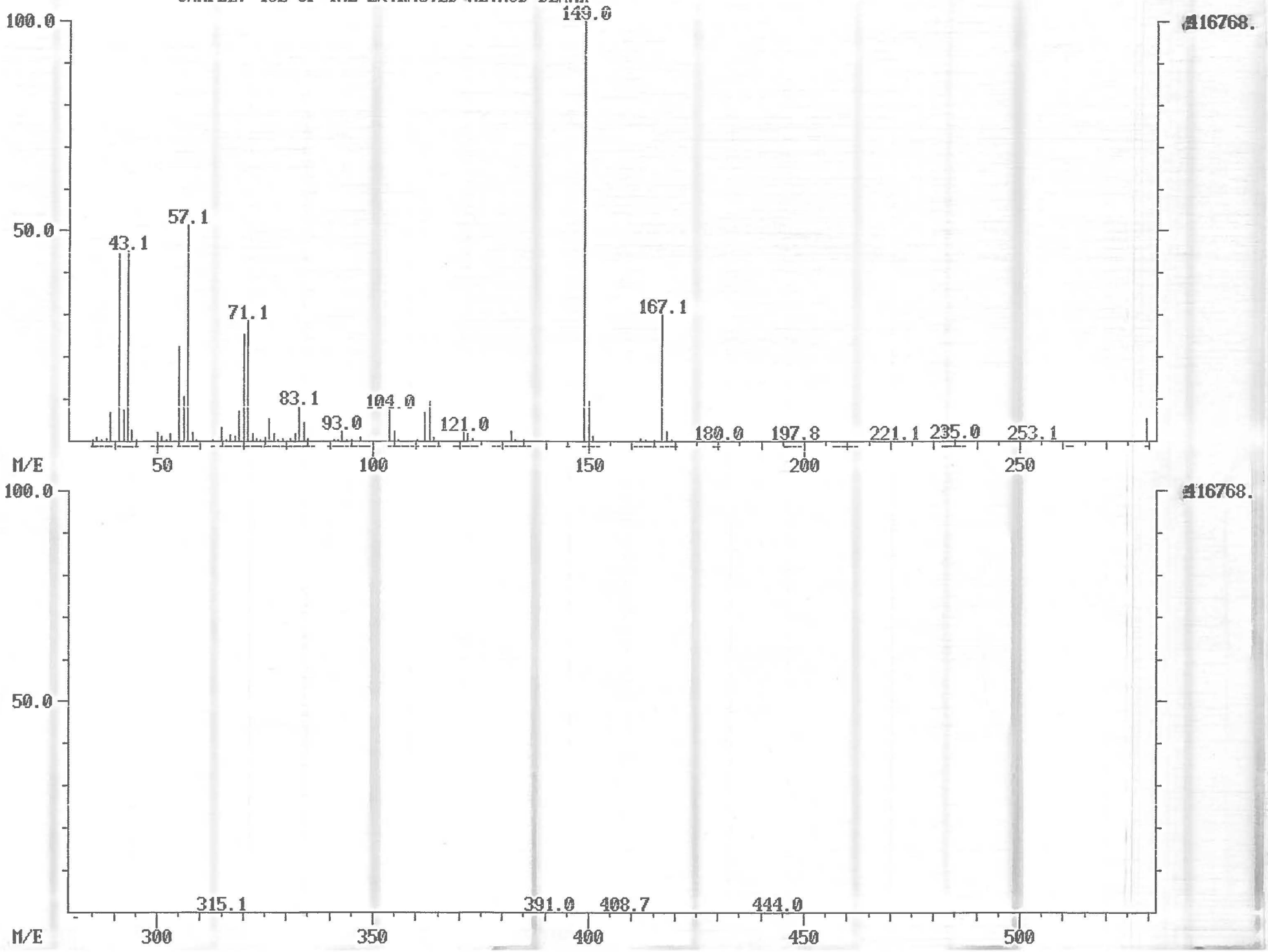
SCANS 400 TO 517



MASS SPECTRUM
10/03/80 13:36:00 + 28:56
SAMPLE: 4UL OF 1ML EXTRACTED METHOD BLANK

DATA: AN34MB #434
CALI: OCT3 #4

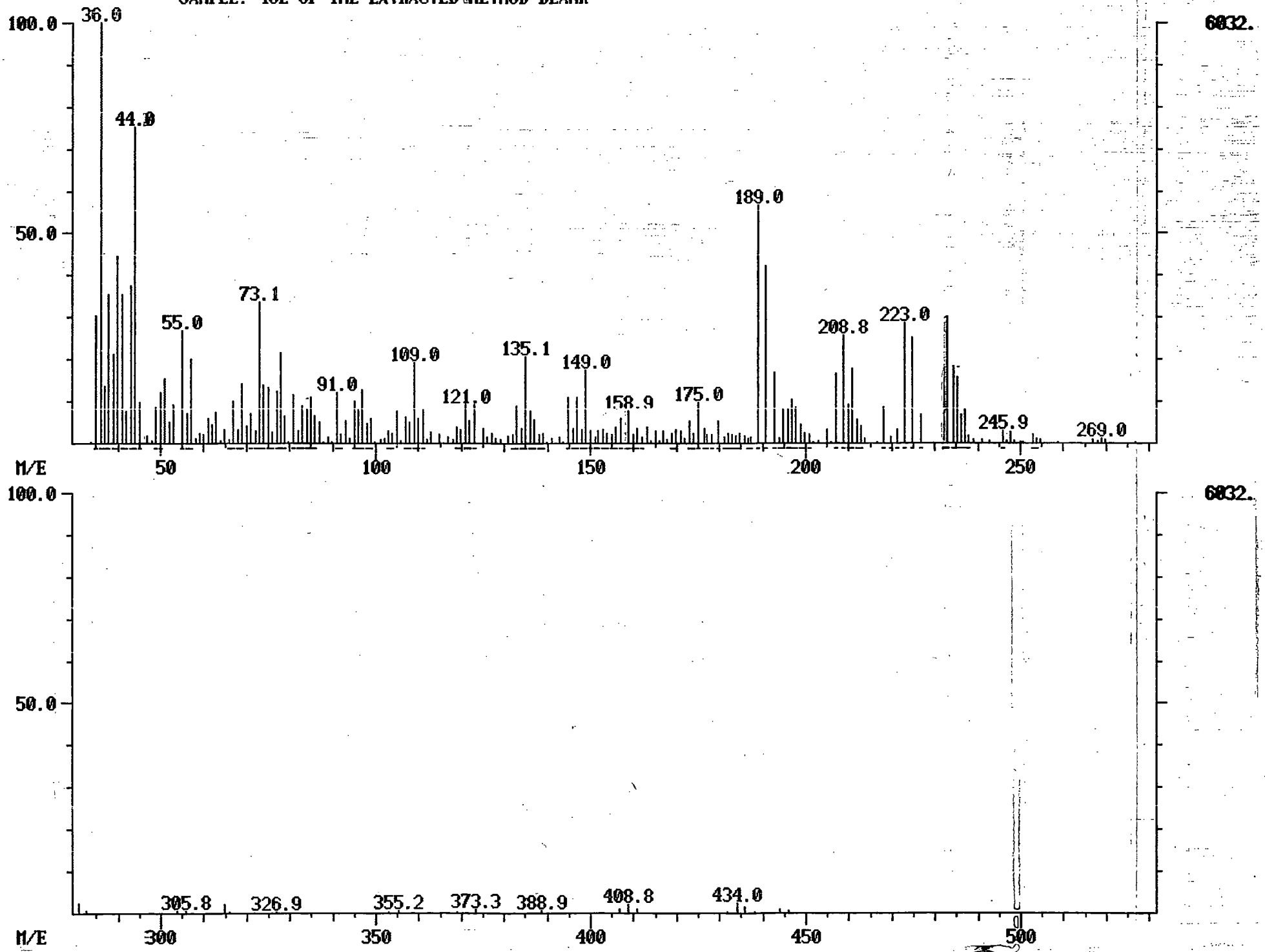
BASE M/E: 149
RIC: 2027510.



MASS SPECTRUM
10/03/80 13:36:00 + 31:52
SAMPLE: 4UL OF 1ML EXTRACTED METHOD BLANK

DATA: AN34MB #478
CALI: OCT3 #4

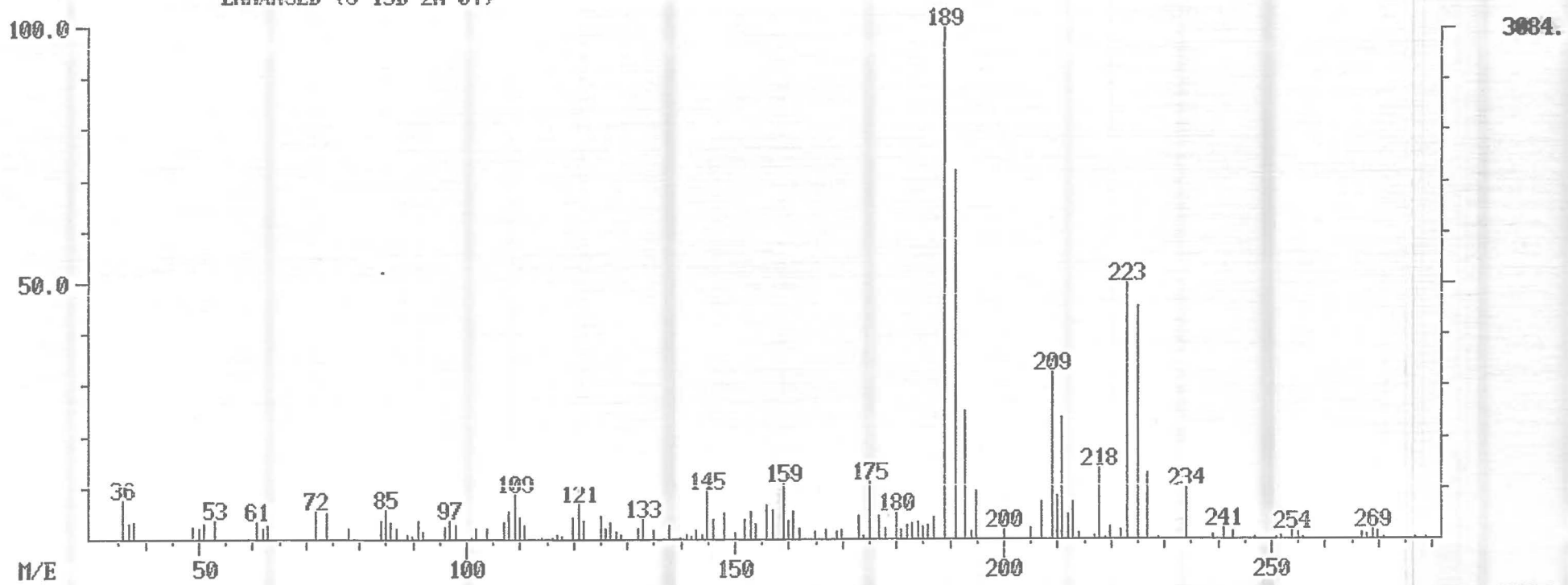
BASE M/E: 36
RIC: 93952.

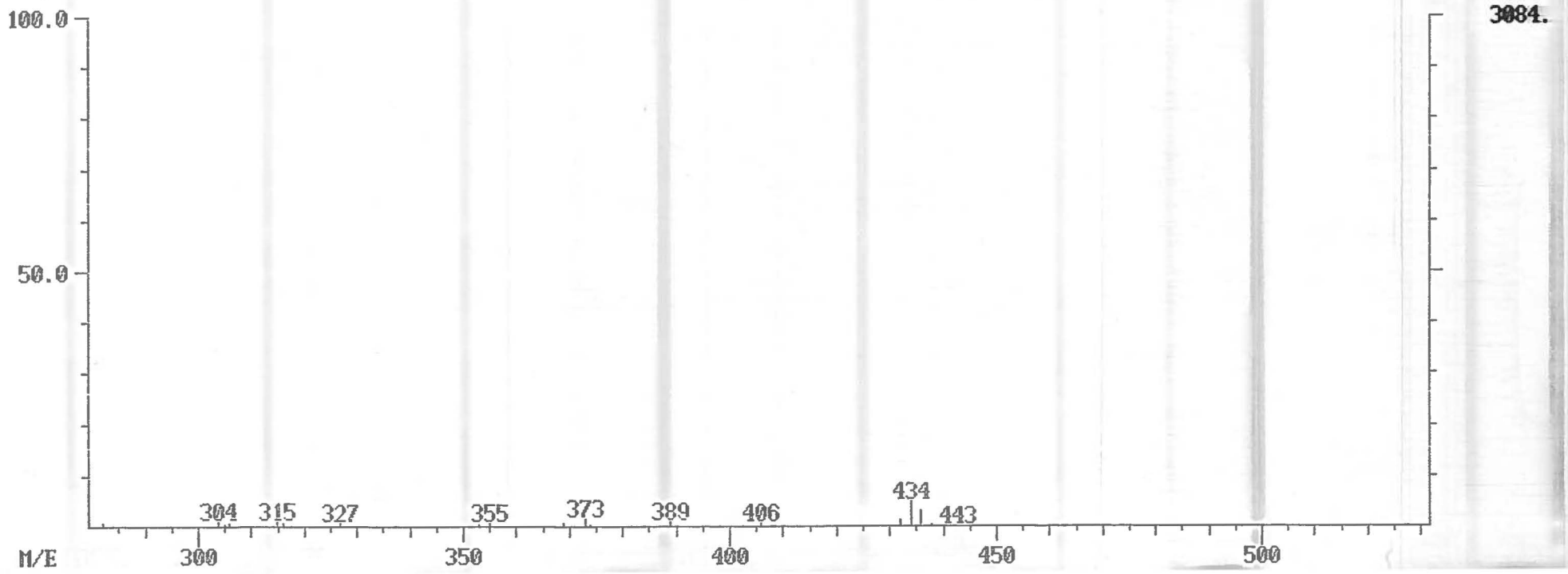


MASS SPECTRUM
10/03/80 13:36:00 + 31:52
SAMPLE: 4UL OF 1ML EXTRACTED METHOD BLANK
ENHANCED (S 15B 2N 0T)

DATA: AN34MB #478
CALI: OCT3 #4

BASE M/E: 189
RIC: 22720.



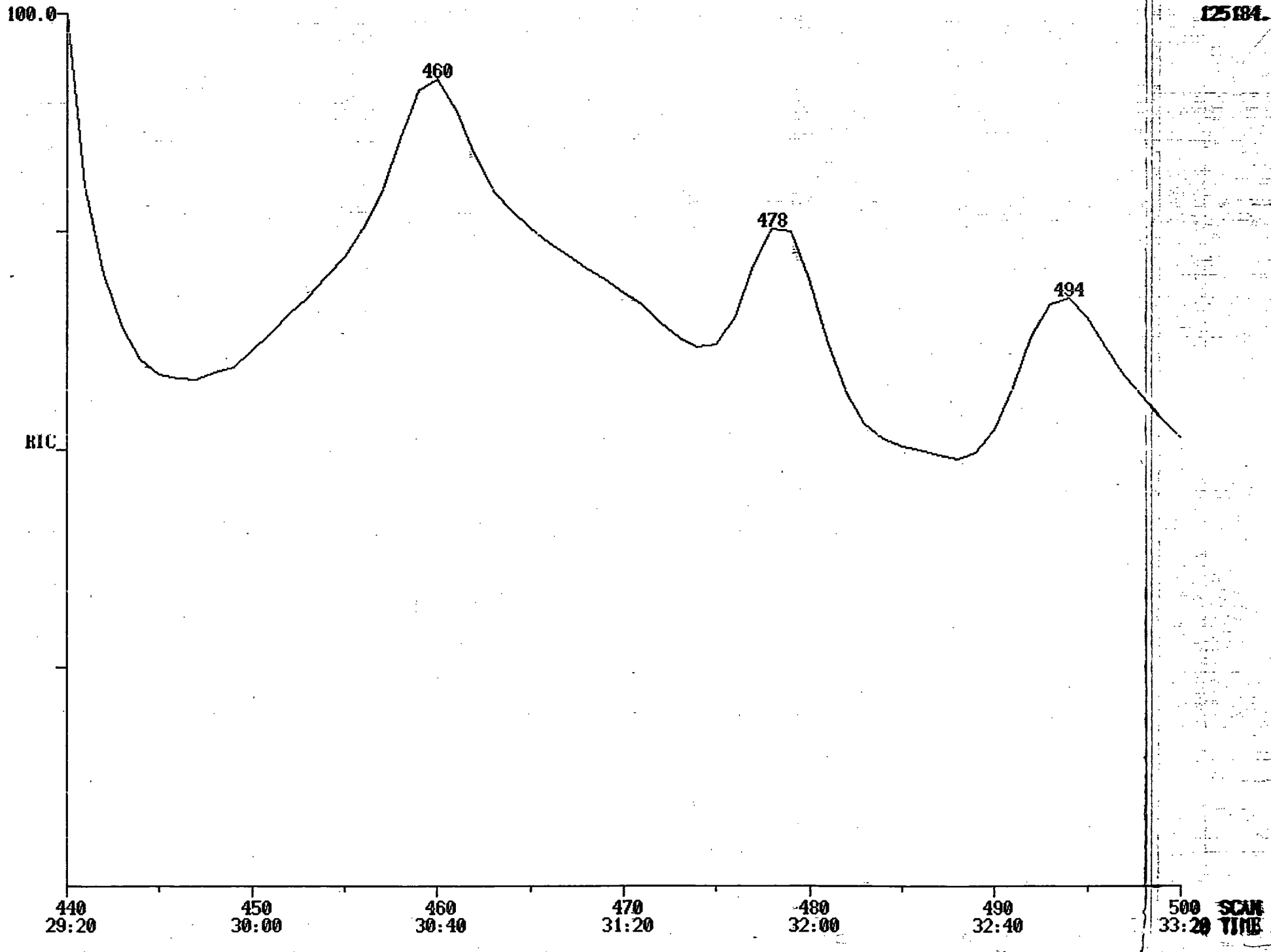


RIC
10/03/80 13:36:00
SAMPLE: 4UL OF 1ML EXTRACTED METHOD BLANK
RANGE: G 1, 514 LABEL: N 50, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: AN34MB #478
CALI: OCT3 #4

SCANS 440 TO 500

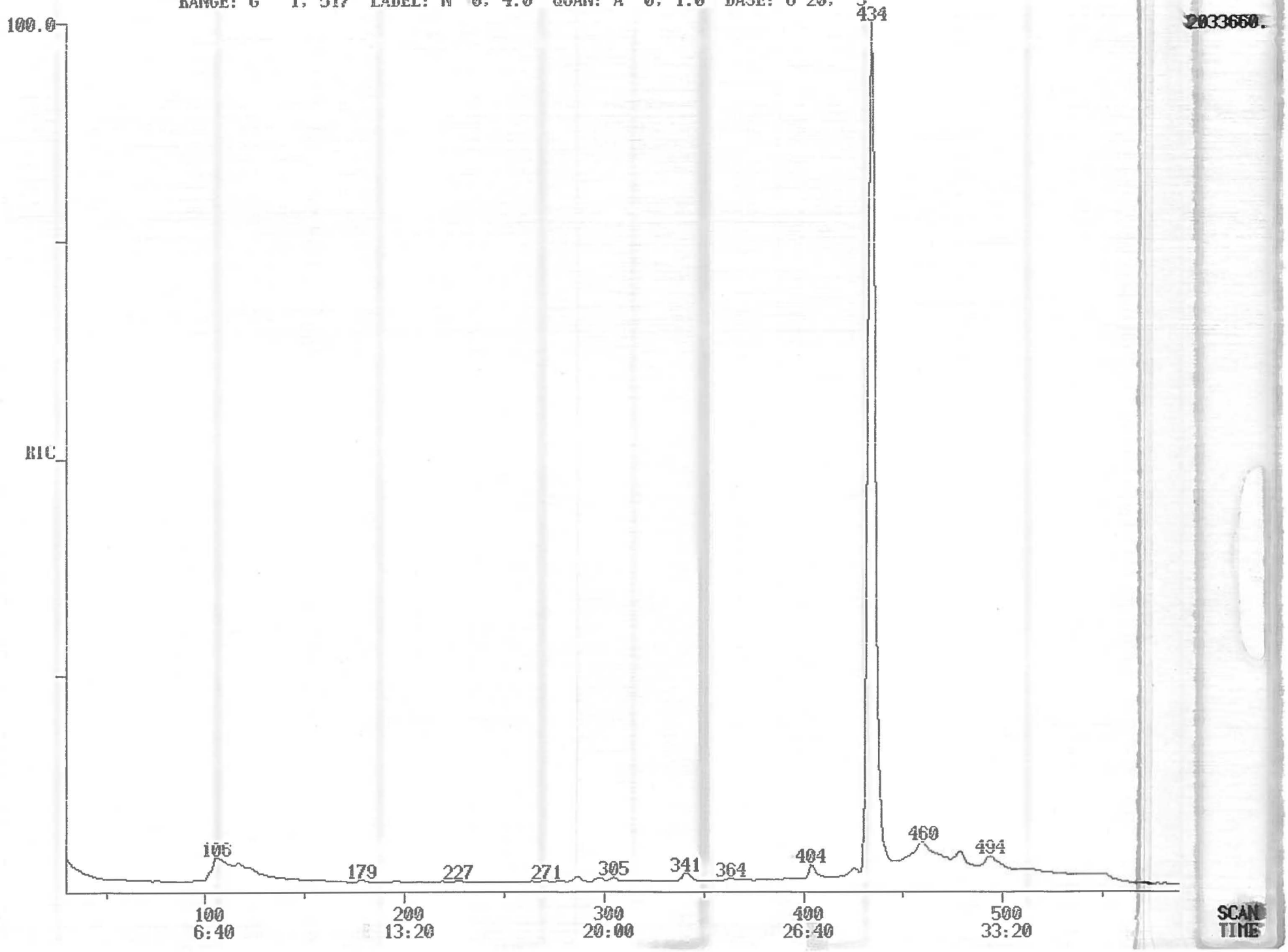
125184



RIC
10/03/80 13:36:00
SAMPLE: 4UL OF 1ML EXTRACTED METHOD BLANK
RANGE: G 1, 517 LABEL: N 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: AN34MB #478
CALI: OCT3 #4

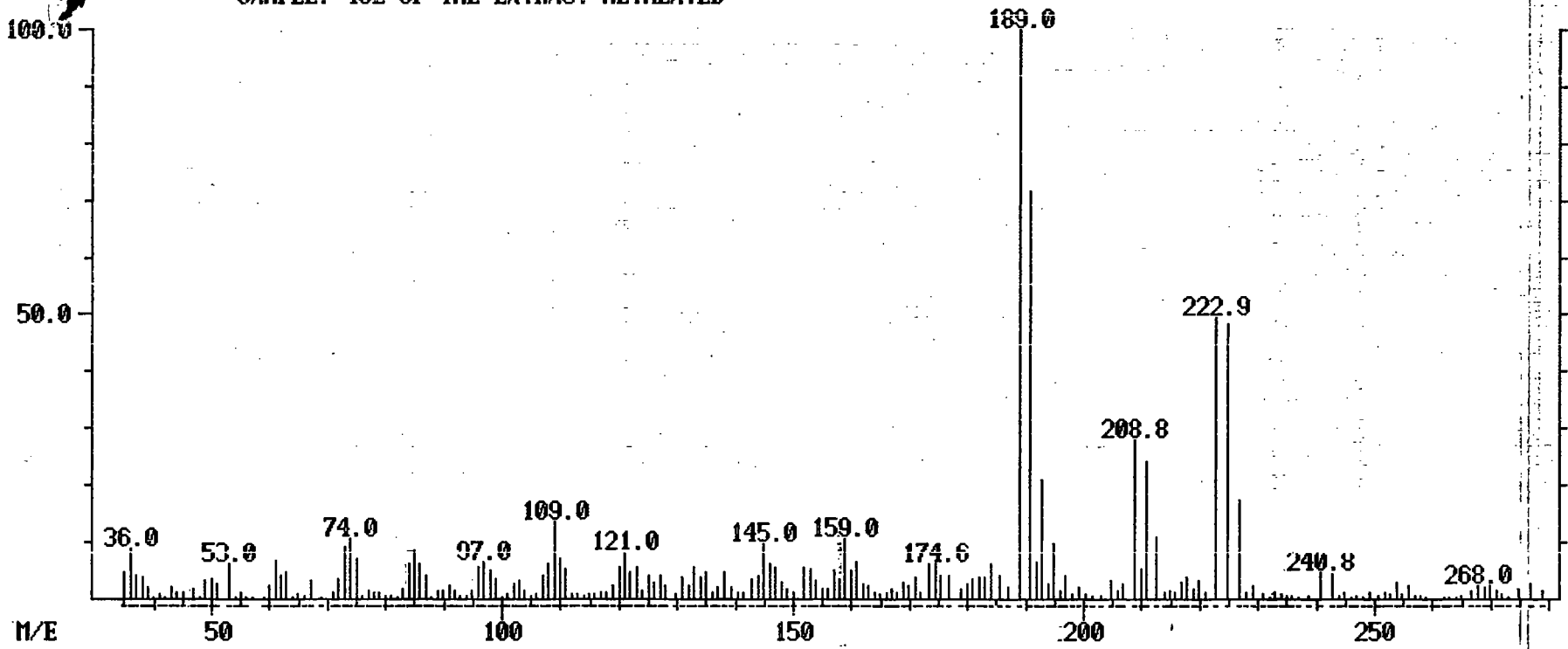
SCANS 30 TO 588

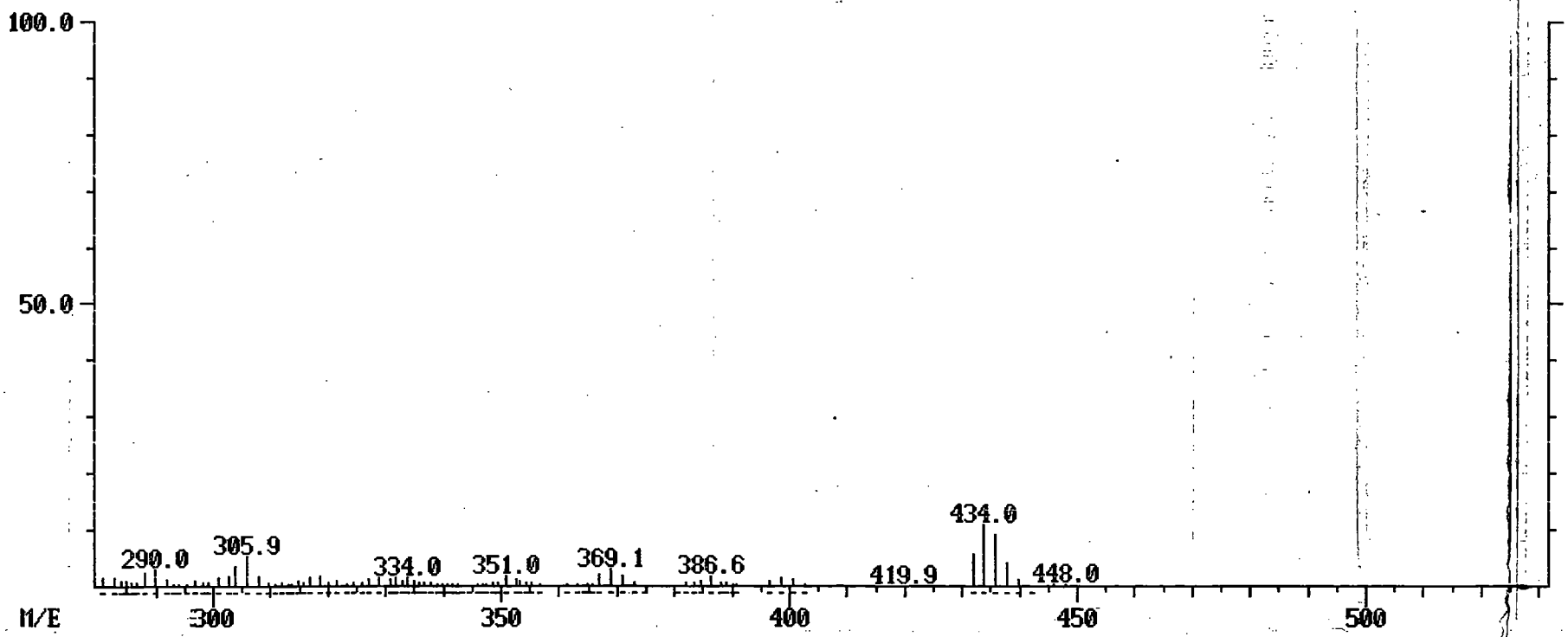


MASS SPECTRUM
10/03/80 12:36:00 + 32:00
SAMPLE: 4UL OF 1ML EXTRACT METHLATED

DATA: AN3460 #480
CALI: OCT3 #4

BASE M/E: 189
RIC: 2330620.

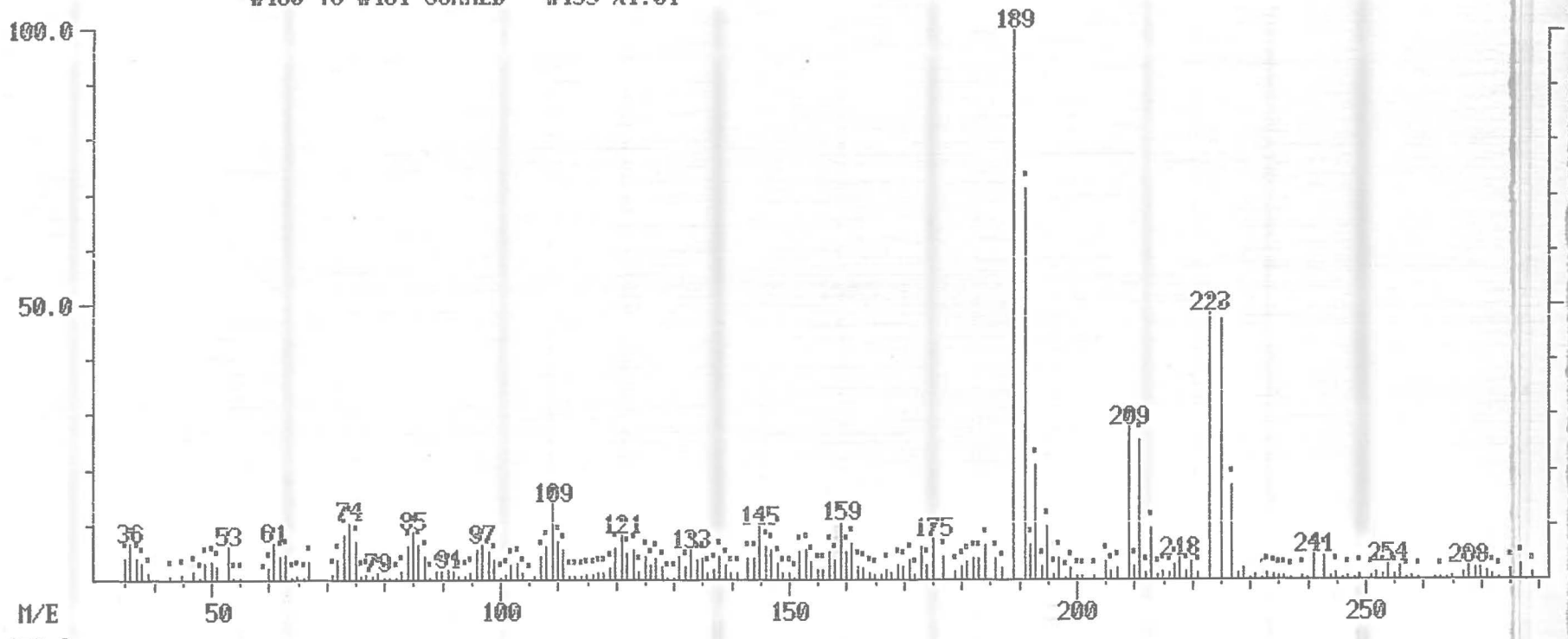


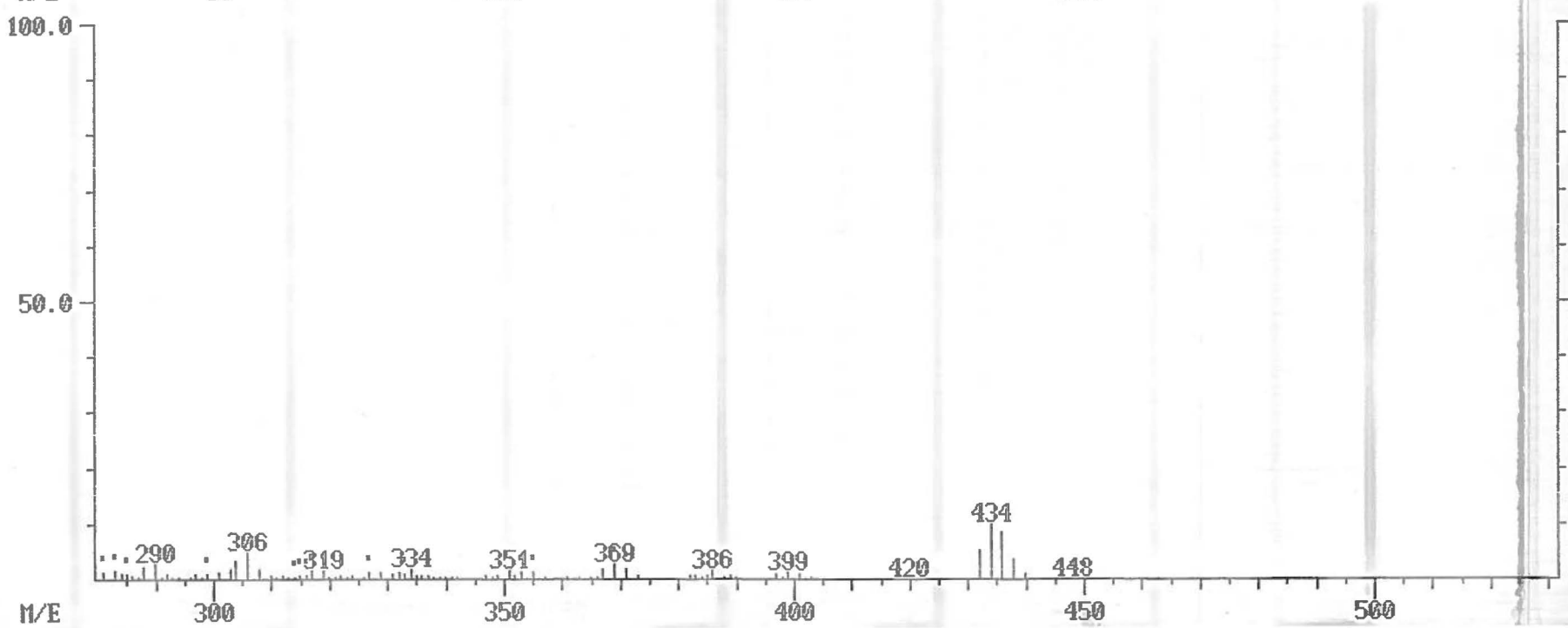


MASS SPECTRUM
10/03/80 12:36:00 + 32:00
SAMPLE: 4UL OF 1ML EXTRACT METHLATED
#480 TO #481 SUMMED - #453 X1.01

DATA: AN3460 #480
CALI: OCT3 #4

BASE M/E: 189
RIC: 4091900.

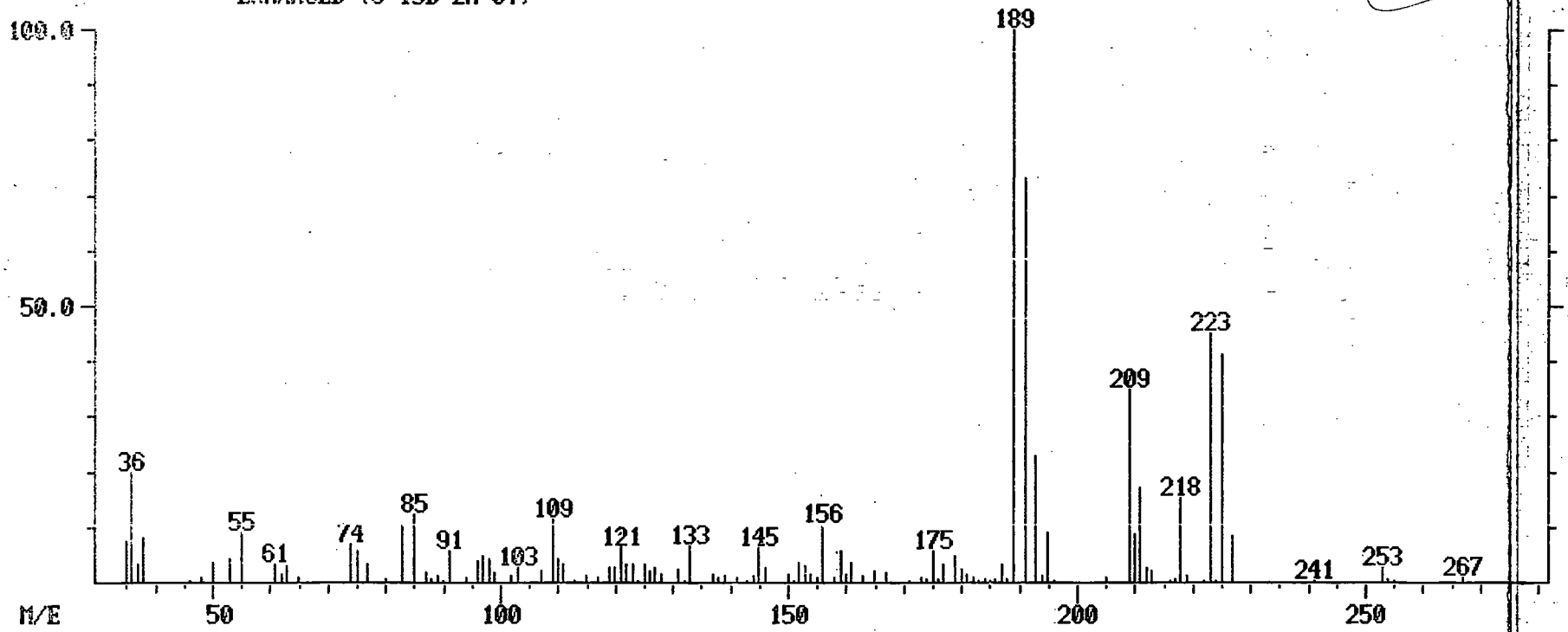


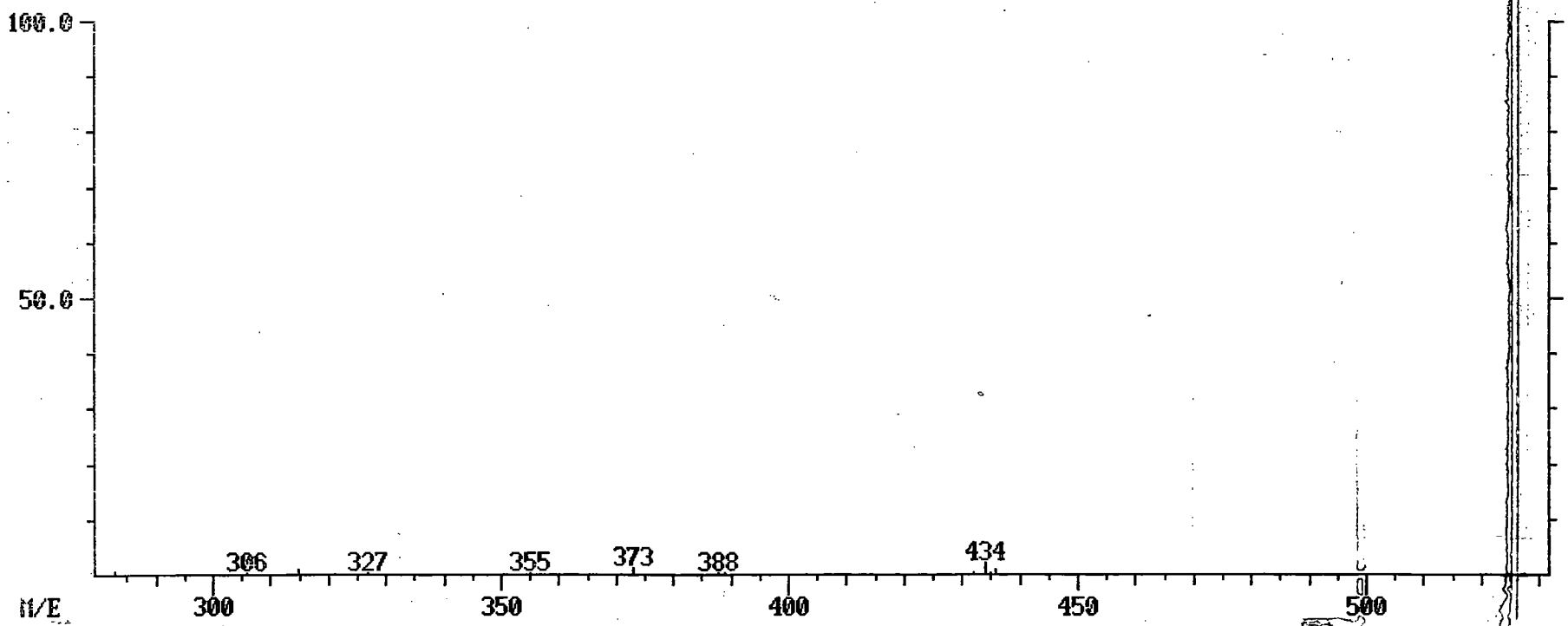


MASS SPECTRUM
10/03/80 10:35:00 + 31:48
SAMPLE: 4UL OF 1ML OF SAMPLE METHLATED HCP
ENHANCED (S 15B 2N 0T)

DATA: REFAN34 #477
CALI: OCT3 #4

BASE M/E: 189
RIC: 13040

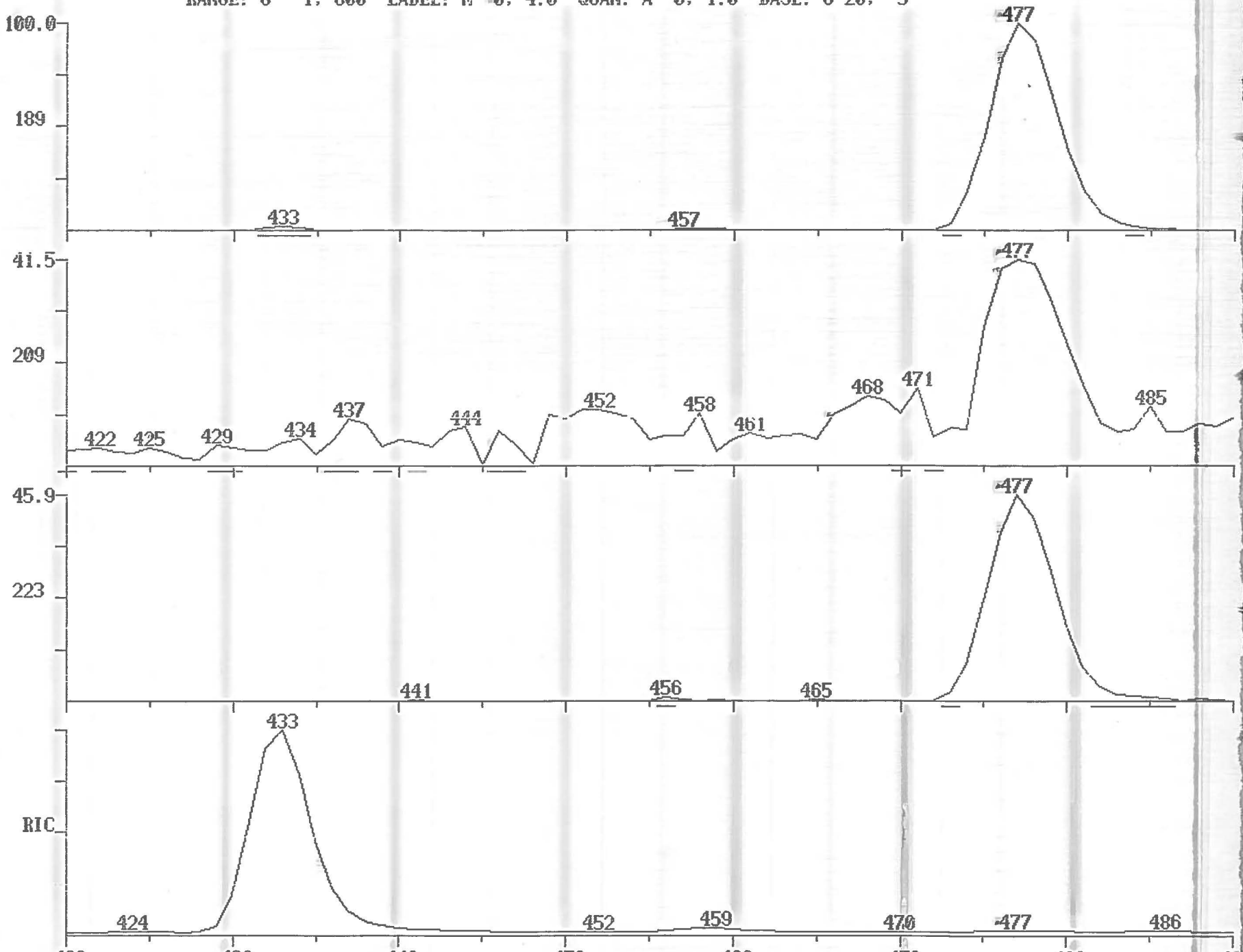




RIC + MASS CHROMATOGRAMS
10/03/80 10:35:00
SAMPLE: 4UL OF 1ML OF SAMPLE METHLATED HCP
RANGE: G 1, 800 LABEL: M 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: REFAN34 #477
CALI: DCT3 #4

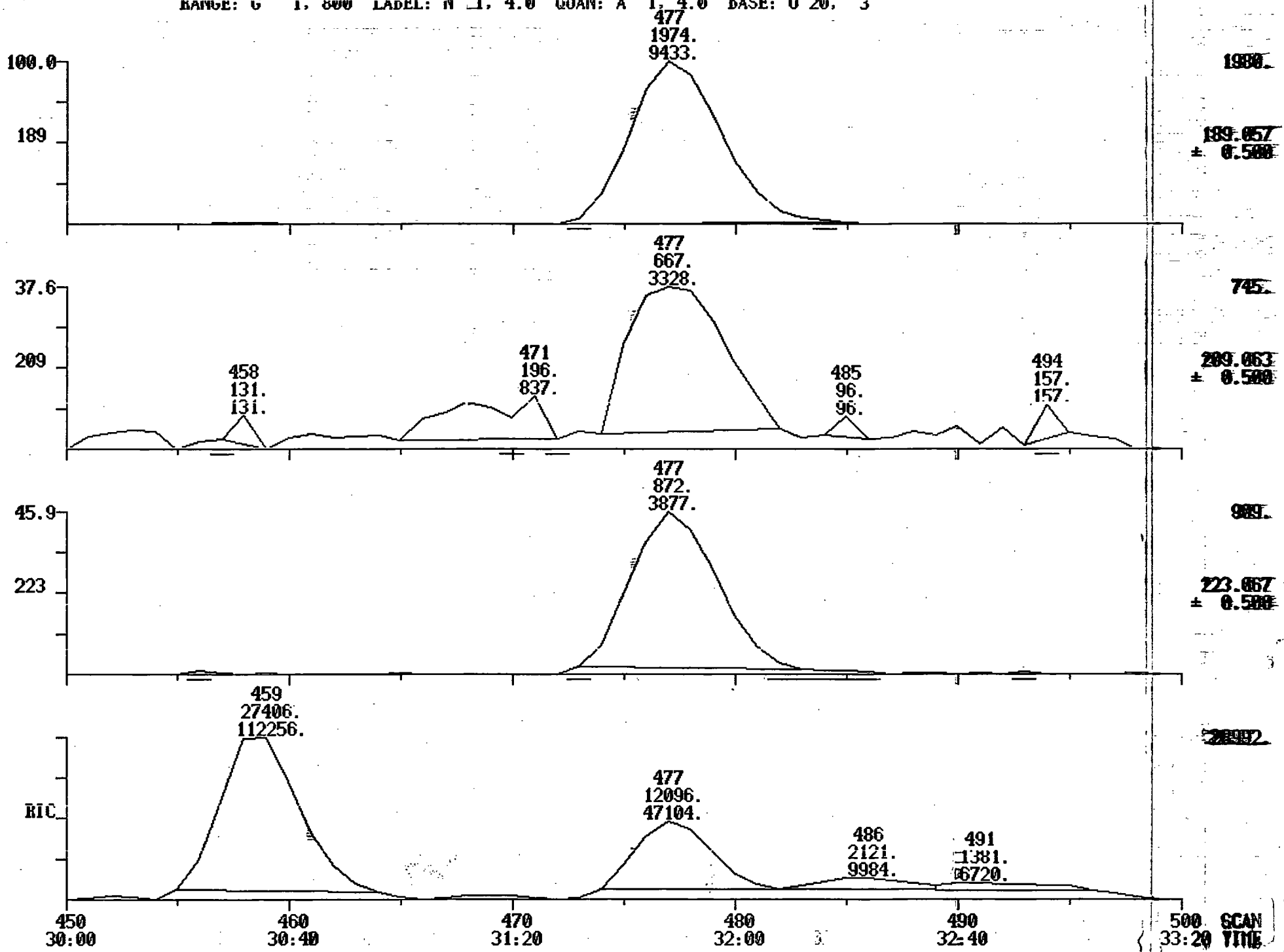
SCANS 420 TO 490



RIC + MASS CHROMATOGRAMS
10/03/80 10:35:00
SAMPLE: 4UL OF 1ML OF SAMPLE METHLATED HCP
RANGE: G 1, 800 LABEL: N 1, 4.0 QUAN: A 1, 4.0 BASE: U 20, 3

DATA: REFAN34 #1
CALI: DCT3 #4

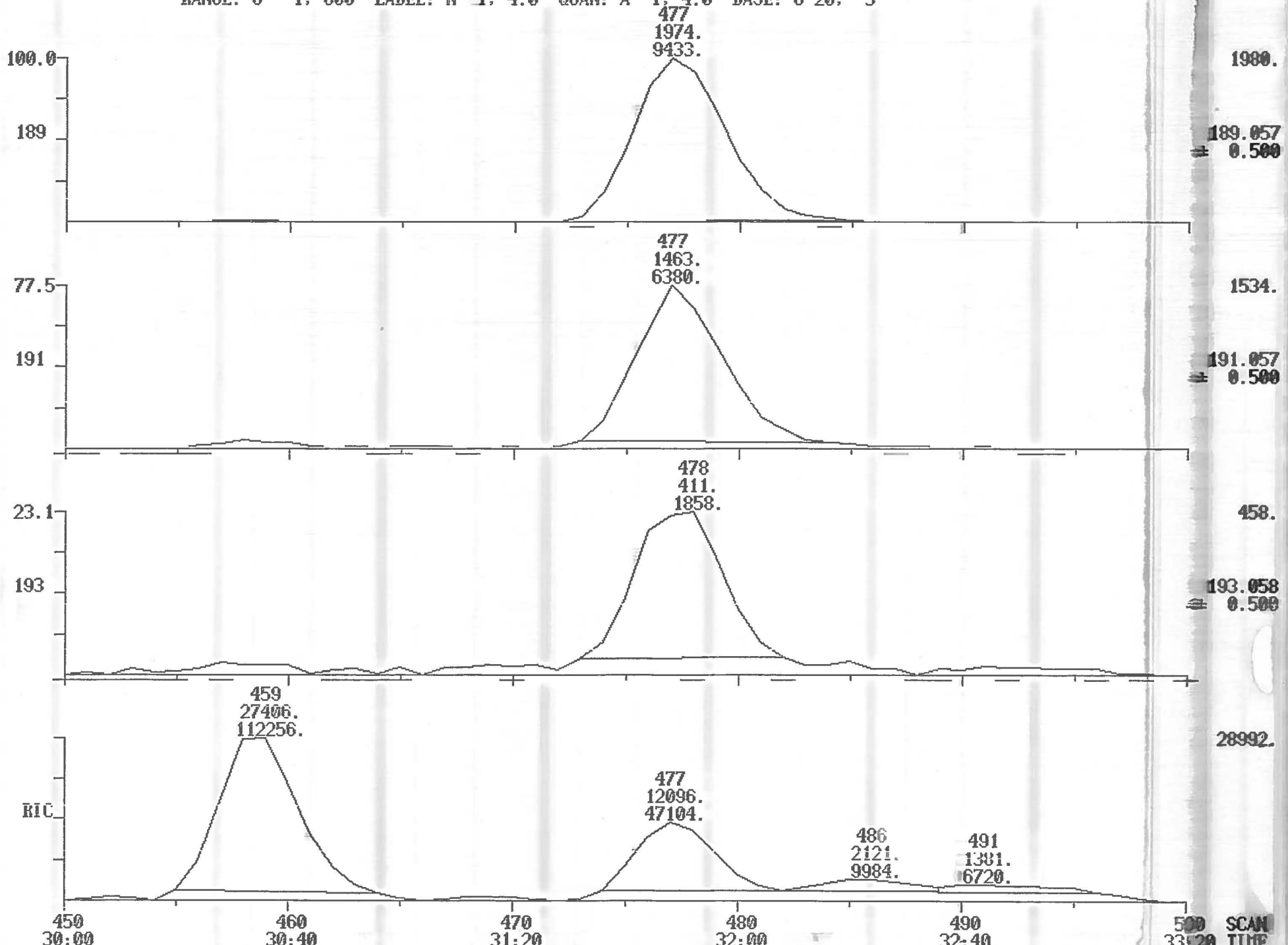
SCANS 450 TO 500



RIC + MASS CHROMATOGRAMS
10/03/80 10:35:00
SAMPLE: 4UL OF 1ML OF SAMPLE METHLATED HCP
RANGE: G 1, 800 LABEL: N 1, 4.0 QUAN: A 1, 4.0 BASE: U 20, 3

DATA: REFAN34 #1
CALI: OCT3 #4

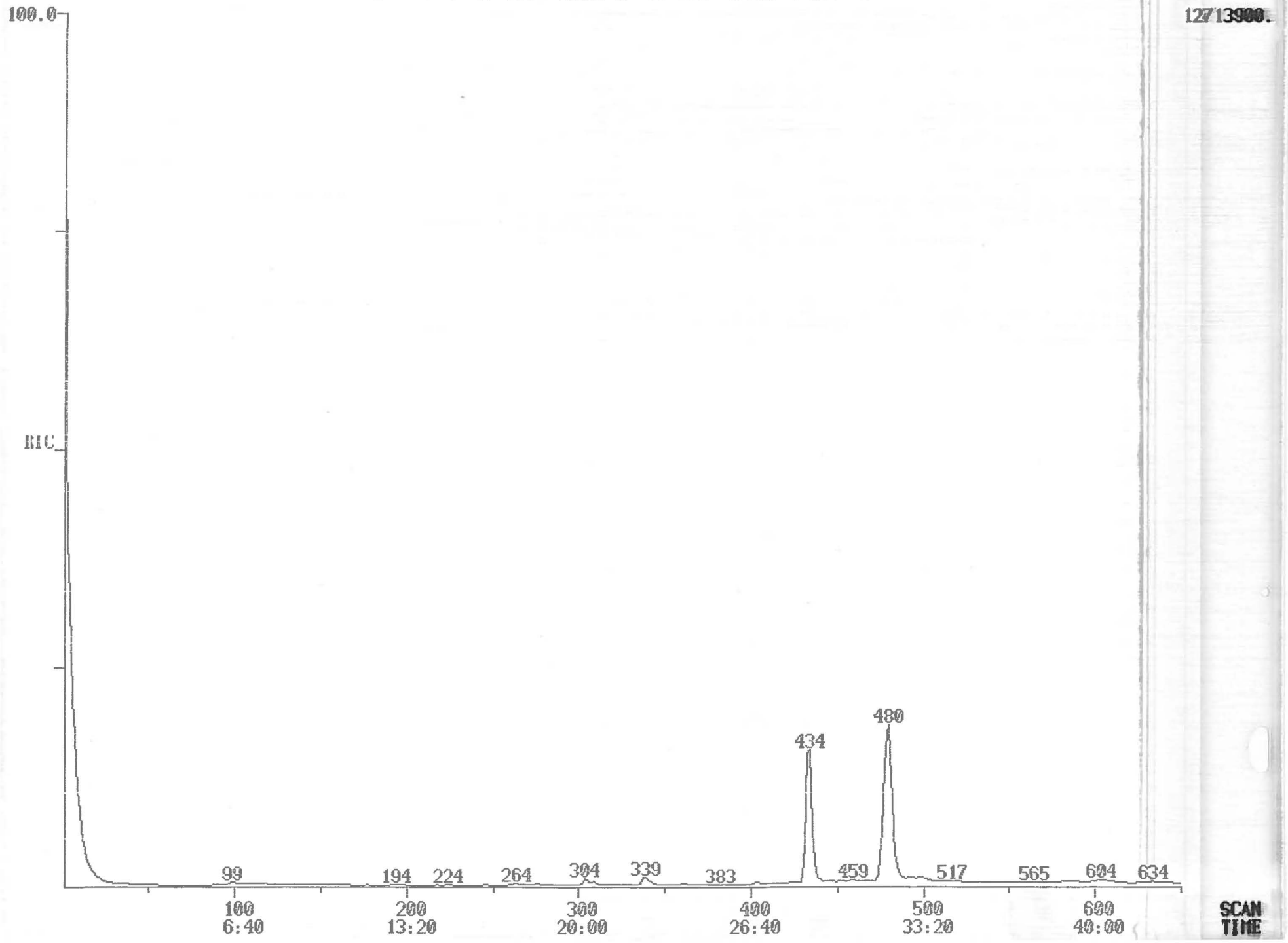
SCANS 450 TO 500



RIC
10/03/80 12:36:00
SAMPLE: 4UL OF 1ML EXTRACT METHLATED
RANGE: G 1, 650 LABEL: N 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: AN3460 #1
CALI: OCT3 #4

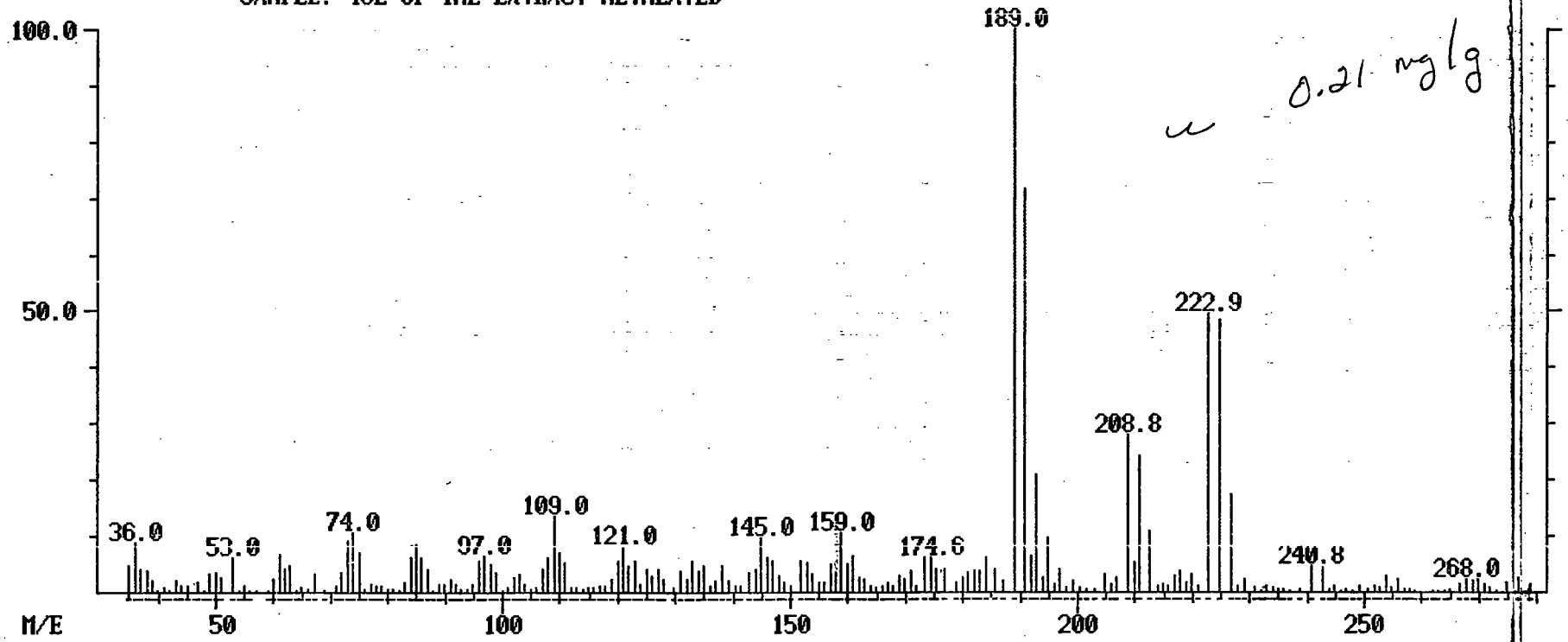
SCANS 1 TO 650



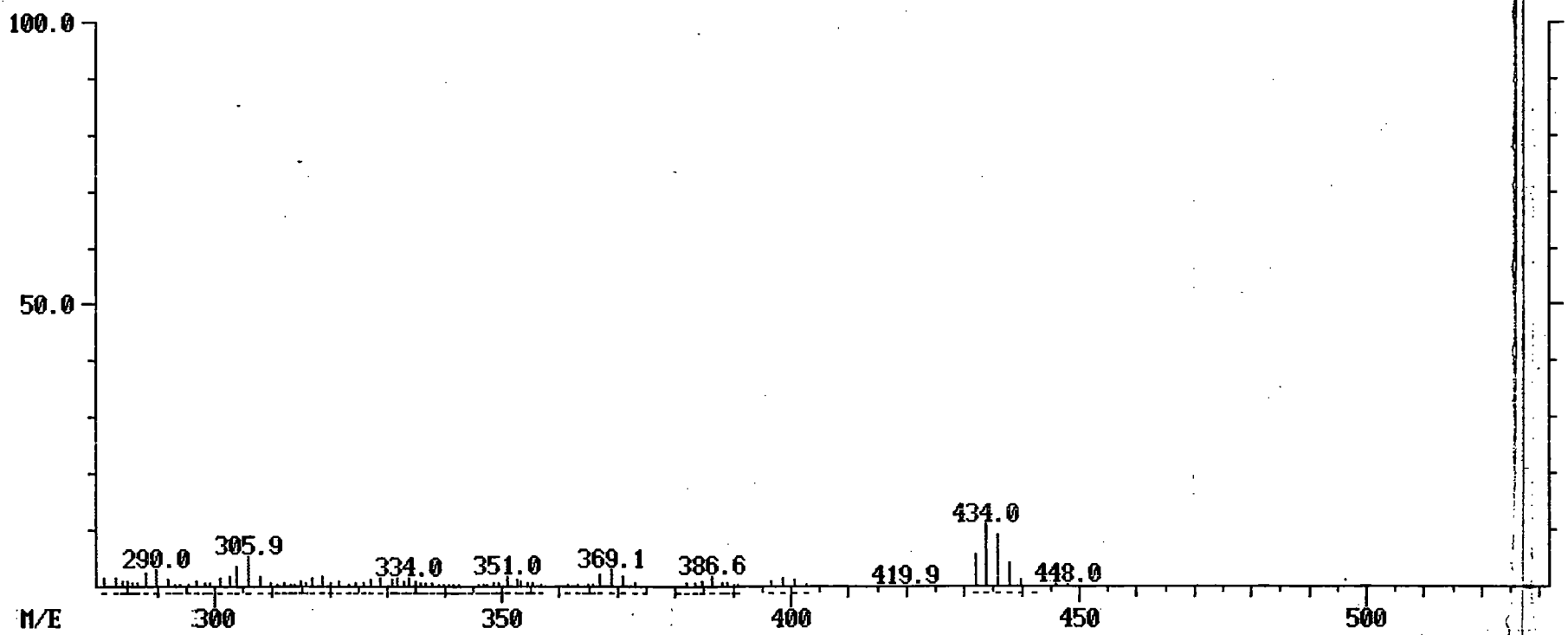
MASS SPECTRUM
10/03/80 12:36:00 + 32:00
SAMPLE: 4UL OF 1ML EXTRACT METHLATED

DATA: AN3460 #480
CALI: OCT3 #4

BASE M/E: 189
RIC: 2330620



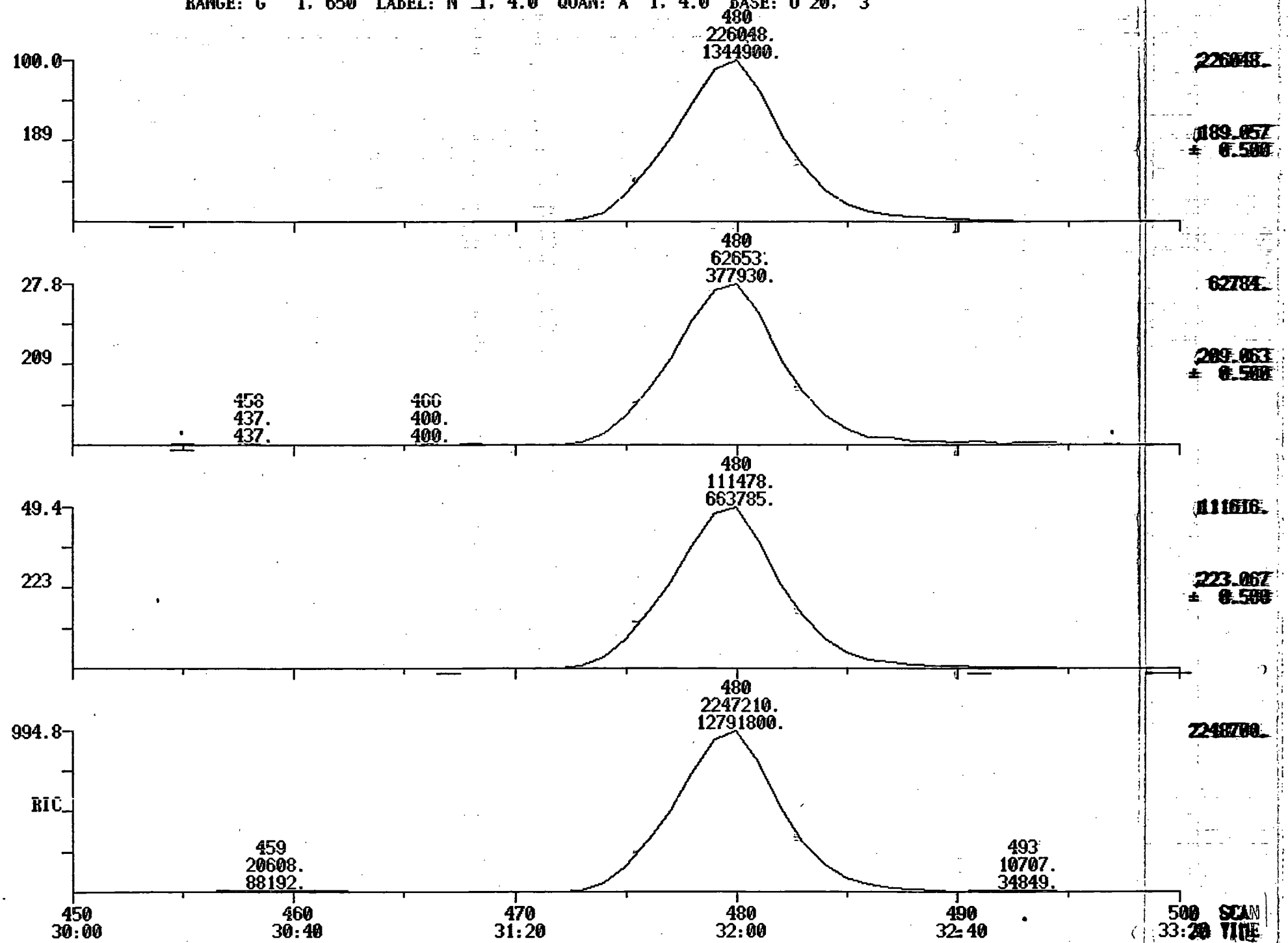
0.21 mg/g



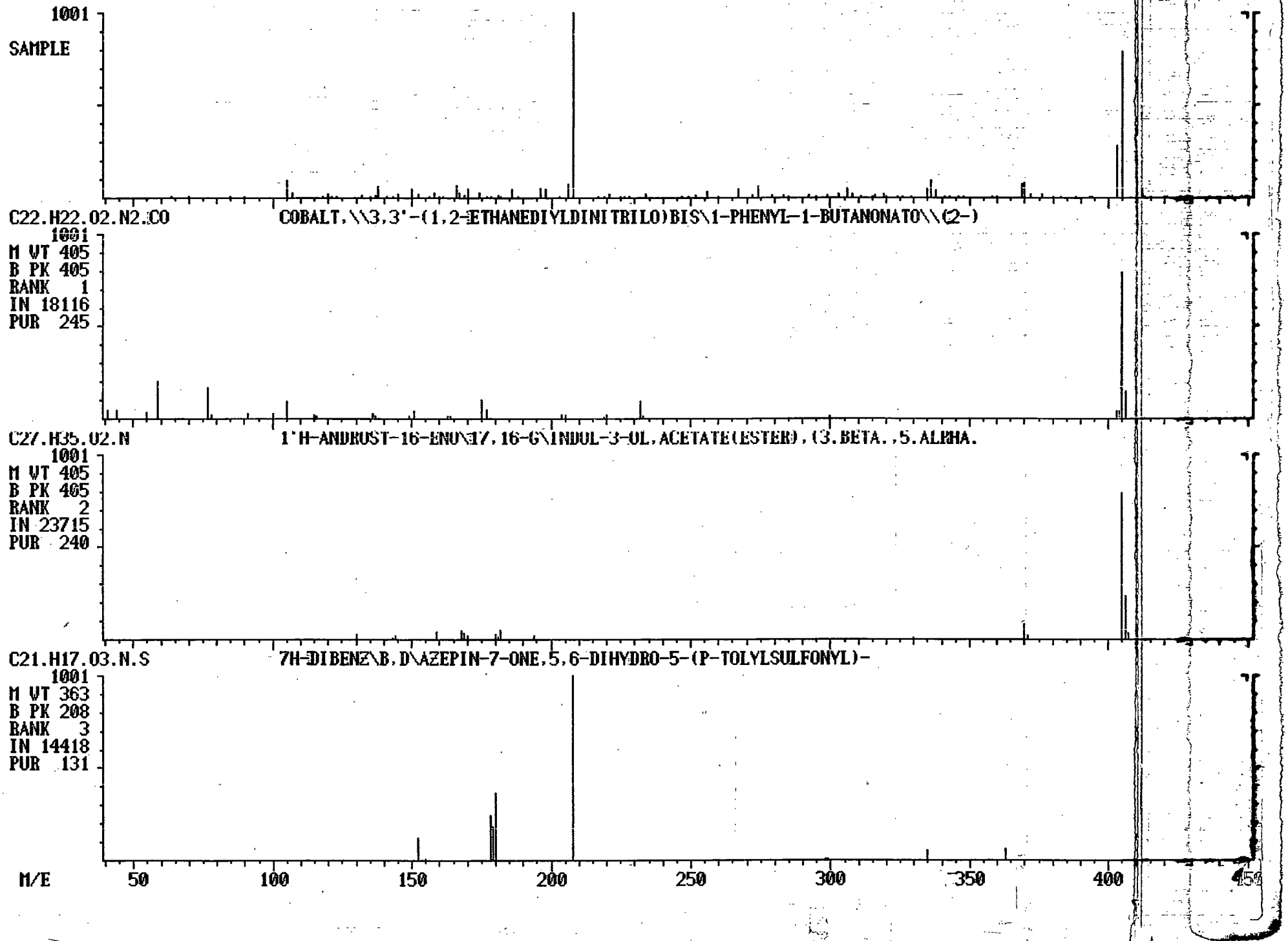
RIC + MASS CHROMATOGRAMS
10/03/80 12:36:00
SAMPLE: 4UL OF 1ML EXTRACT METHLATED
RANGE: G 1. 650 LABEL: N 1. 4.0 QUAN: A 1. 4.0 BASE: U 20. 3

DATA: AN3460 #480
CALI: DCT3 #4

SCANS 450 TO 500



LIBRARY SEARCH
10/03/80 11:39:00 + 38:40
SAMPLE: 4UL OF 1ML OF EXTRACT
ENHANCED (S 15B 2N 0T)

DATA: AN3461 # 580
CALI: DCT3 # 4

BASE M/E: 208
RIC: 666623.