182414

000344

SAMPLE DATA

SW-3

ORGANICS ANALYSIS DATA SHEET

(PAGE 1)

SAMPLE NUMBER

Laboratory Name:NANCO LABORATORY INC.
Lab Sample ID No:>P3271
Sample Matrix: WATER
Data Release Authorized By: Sohail Jahan

Case No: N.J. D.E.P.
QC Report No: 008, 009
Contract No: N/A
Date Sample Received: 9/19/86

SW-3

000345

VOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 09/22/86
Date Analyzed: 09/22/86
Conc/Dil Factor: 1 pH: 6.3
Percent Moisture: N/A

CAS Number		ug/l or ug/Kg (Circle One)	CAS Number		ug/l or ug/Kg (Circle One)
74-87-3	Chloromethane	10.0 U	79-34-5	1,1,2,2-Tetrachloroethane	5.0 U
74-83-9	Bromomethane	10.0 U	78-87-5	1,2-Dichloropropane	5.0 U
75-01-4	Vinyl Chloride	10.0 U	10061-02-6	Trans-1,3-Dichloropropene	5.0 U
75-00-3	Chloroethane	10.0 U	79-01-6	Trichloroethene	5.0 U
75-09-2	Methylene Chloride	2.3 JB	124-48-1	Dibromochloromethane	5.0 U
67-64-1	Acetone	6.0 J	79-00-5	1,1,2-Trichloroethane	5.0 U
75-15-0	Carbon Disulfide	5.0 U	71-43-2	Benzene	5.0 U
75-35-4	1,1-Dichloroethene	5.0 U	10061-01-5	cis-1,3-Dichloropropene	5.0 U
75-34-3	1,1-Dichloroethane	5.0 U	110-75-8	2-Chloroethylvinylether	10.0 U
156-60-5	Trans-1,2-Dichloroethene	5.0 U	75-25-2	Bromoform	5.0 U
67-66-3	Chloroform	5.0 U	591-78-6	2-Hexanone	10.0 U
107-06-2	1,2-Dichloroethane	5.0 U	108-10-1	4-Methyl-2-Pentanone	10.0 U
78-93-3	2-Butanone	10.0 U	127-18-4	Tetrachloroethene	5.0 U
71-55-6	1,1,1-Trichloroethane	5.0 U	108-88-3	Toluene	5.0 U
56-23-5	Carbon Tetrachloride	5.0 U	108-90-7	Chlorobenzene	5.0 U
108-05-4	Vinyl Acetate	10.0 U	100-41-4	Ethylbenzene	5.0 U
75-27-4	Bromodichloromethane	5.0 U	100-42-5	Styrene	5.0 U
				Total Xylenes	5.0 U

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

VALUE

If the result is a value greater than or equal to the detection limit, report the value.

U

Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U(e.g.10U based on necessary concentration dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U-Compound was analyzed for but not detected.The number is the minimum attainable detection limit for the sample.

J

Indicates an estimated value.This flag is used either when estimating a concentration for tentatively identified compounds where a 1 1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero (e.g. 10J).

C

This flag applies to pesticide parameters where the identification has been confirmed by GC/MS Single component pesticides greater than or equal to 10 ng/ul in the final extract should be confirmed by GC/MS

B

This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

OTHER

Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ORGANIC ANALYSIS DATA SHEET
(PAGE 2)

LABORATORY NAME: NANCO LABS. INC.
CASE NO: N.J.D.E.P.

SAMPLE NO.
SW-3

000346

SEMIVOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 9/23/86
Date Analyzed: 10/09/86
Conc/Dil Factor:----------> 1
Percent Moisture: N/A

GPC Cleanup: Yes____ No X
Separatory Funnel Extraction: Yes X
Continuous Liquid - Liquid Extraction: Yes___

CAS Number		ug/l or ug/Kg (Circle One)
62-75-9	N-Nitrosodimethylamine	10.0 U
108-95-2	Phenol	10.0 U
62-53-3	Aniline	10.0 U
111-44-4	bis(-2-Chloroethyl)Ether	10.0 U
95-57-8	2-Chlorophenol	10.0 U
541-73-1	1,3-Dichlorobenzene	10.0 U
106-46-7	1,4-Dichlorobenzene	10.0 U
100-51-6	Benzyl Alcohol	10.0 U
95-50-1	1,2-Dichlorobenzene	10.0 U
95-48-7	2-Methylphenol	10.0 U
39638-32-9	bis(2-chloroisopropyl)Ether	10.0 U
106-44-5	4-Methylphenol	10.0 U
621-64-7	N-Nitroso-Di-n-Propylamine	10.0 U
67-72-1	Hexachloroethane	10.0 U
98-95-3	Nitrobenzene	10.0 U
78-59-1	Isophorone	10.0 U
88-75-5	2-Nitrophenol	10.0 U
105-67-9	2,4-Dimethylphenol	10.0 U
65-85-0	Benzoic Acid	50.0 U
111-91-1	bis(-2-Chloroethoxy)Methane	10.0 U
120-83-2	2,4-Dichlorophenol	10.0 U
120-82-1	1,2,4-Trichlorobenzene	10.0 U
91-20-3	Naphthalene	10.0 U
106-47-8	4-Chloroaniline	10.0 U
87-68-3	Hexachlorobutadiene	10.0 U
59-50-7	4-Chloro-3-Methylphenol	10.0 U
91-57-6	2-Methylnaphthalene	10.0 U
77-47-4	Hexachlorocyclopentadiene	10.0 U
88-06-2	2,4,6-Trichlorophenol	10.0 U
95-95-4	2,4,5-Trichlorophenol	50.0 U
91-58-7	2-Chloronaphthalene	10.0 U
88-74-4	2-Nitroaniline	50.0 U
131-11-3	Dimethyl Phthalate	10.0 U
208-96-8	Acenaphthylene	10.0 U
99-09-2	3-Nitroaniline	50.0 U

CAS Number		ug/l or ug/Kg (Circle One)
83-32-9	Acenaphthene	10.0 U
51-28-5	2,4-Dinitrophenol	50.0 U
100-02-7	4-Nitrophenol	50.0 U
132-64-9	Dibenzofuran	10.0 U
121-14-2	2,4-Dinitrotoluene	10.0 U
606-20-2	2,6-Dinitrotoluene	10.0 U
84-66-2	Diethylphthalate	10.0 U
7005-72-3	4-Chlorophenyl-phenylether	10.0 U
86-73-7	Fluorene	10.0 U
100-01-6	4-Nitroaniline	50.0 U
534-52-1	4,6-Dinitro-2-Methylphenol	50.0 U
86-30-6	N-Nitrosodiphenylamine (1)	10.0 U
101-55-3	4-Bromophenyl-phenylether	10.0 U
118-74-1	Hexachlorobenzene	10.0 U
87-86-5	Pentachlorophenol	50.0 U
85-01-8	Phenanthrene	10.0 U
120-12-7	Anthracene	10.0 U
84-74-2	Di-n-Butylphthalate	10.0 U
206-44-0	Fluoranthene	10.0 U
92-87-5	Benzidine	80.0 U
129-00-0	Pyrene	10.0 U
85-68-7	Butylbenzylphthalate	10.0 U
91-94-1	3,3'-Dichlorobenzidine	20.0 U
56-55-3	Benzo(a)Anthracene	10.0 U
117-81-7	bis(2-Ethylhexyl)Phthalate	240.0 B
218-01-9	Chrysene	10.0 U
117-84-0	Di-n-Octyl Phthalate	28.0
205-99-2	Benzo(b)Fluoranthene	10.0 U
207-08-9	Benzo(k)Fluoranthene	10.0 U
50-32-8	Benzo(a)Pyrene	10.0 U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.0 U
53-70-3	Dibenz(a,h)Anthracene	10.0 U
191-24-2	Benzo(g,h,i)Perylene	10.0 U

(1) - Cannot be separated from diphenylamine

ORGANICS ANALYSIS DATA SHEET
(PAGE 3)

SAMPLE NUMBER

LABORATORY NAME: NANCO LABS, INC.
CASE NO: NJ DEP

PESTICIDE/PCBs

C00847

SW 3

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 9/23/86
Date Analyzed: 10/2/86
Conc/Dil Factor: -----> 1
Percent Moisture: N/A

GPC Cleanup: Yes____ No__X__
Separatory Funnel Extraction: Yes__X__
Continuous Liquid-Liquid Extraction: Yes____

CAS Number		ug/l or ug/Kg (Circle One)
319-84-6	Alpha-BHC	0.05 U
319-85-7	Beta-BHC	0.05 U
319-86-8	Delta-BHC	0.05 U
58-89-9	Gamma-BHC (Lindane)	0.05 U
76-44-8	Heptachlor	0.05 U
309-00-2	Aldrin	0.05 U
1024-57-3	Heptachlor Epoxide	0.05 U
959-98-8	Endosulfan I	0.05 U
60-57-1	Dieldrin	0.10 U
72-55-9	4,4'-DDE	0.10 U
72-20-8	Endrin	0.10 U
33213-65-9	Endosulfan II	0.10 U
72-54-8	4,4'-DDD	0.10 U
7421-93-4	Endrin Aldehyde	0.10 U
1031-07-8	Endosulfan Sulfate	0.10 U
50-29-3	4,4'-DDT	0.10 U
53494-70-5	Endrin Ketone	0.10 U
72-43-5	Methoxychlor	0.50 U
57-74-9	Chlordane	0.50 U
8001-35-2	Toxaphene	1.00 U
12674-11-2	Aroclor-1016	0.50 U
11104-28-2	Aroclor-1221	0.50 U
11141-16-5	Aroclor-1232	0.50 U
53469-21-9	Aroclor-1242	0.50 U
12672-29-6	Aroclor-1248	0.50 U
11097-69-1	Aroclor-1254	1.00 U
11096-82-5	Aroclor-1260	1.00 U

Vi = Volume of extract injected (ul)

Vs = Volume of water extracted (ml)

Ws = Weight of sample extracted (g)

Vt = Volume of total extract (ul)

Vs 1000 or Ws _____ Vt 10000 Vi 3

FORM I

ORGANICS ANALYSIS DATA SHEET
(PAGE 4)

SAMPLE NUMBER

LABORATORY NAME :NANCO LABS.INC.
CASE NO: N.J. D.E.P.

SW-3

000848

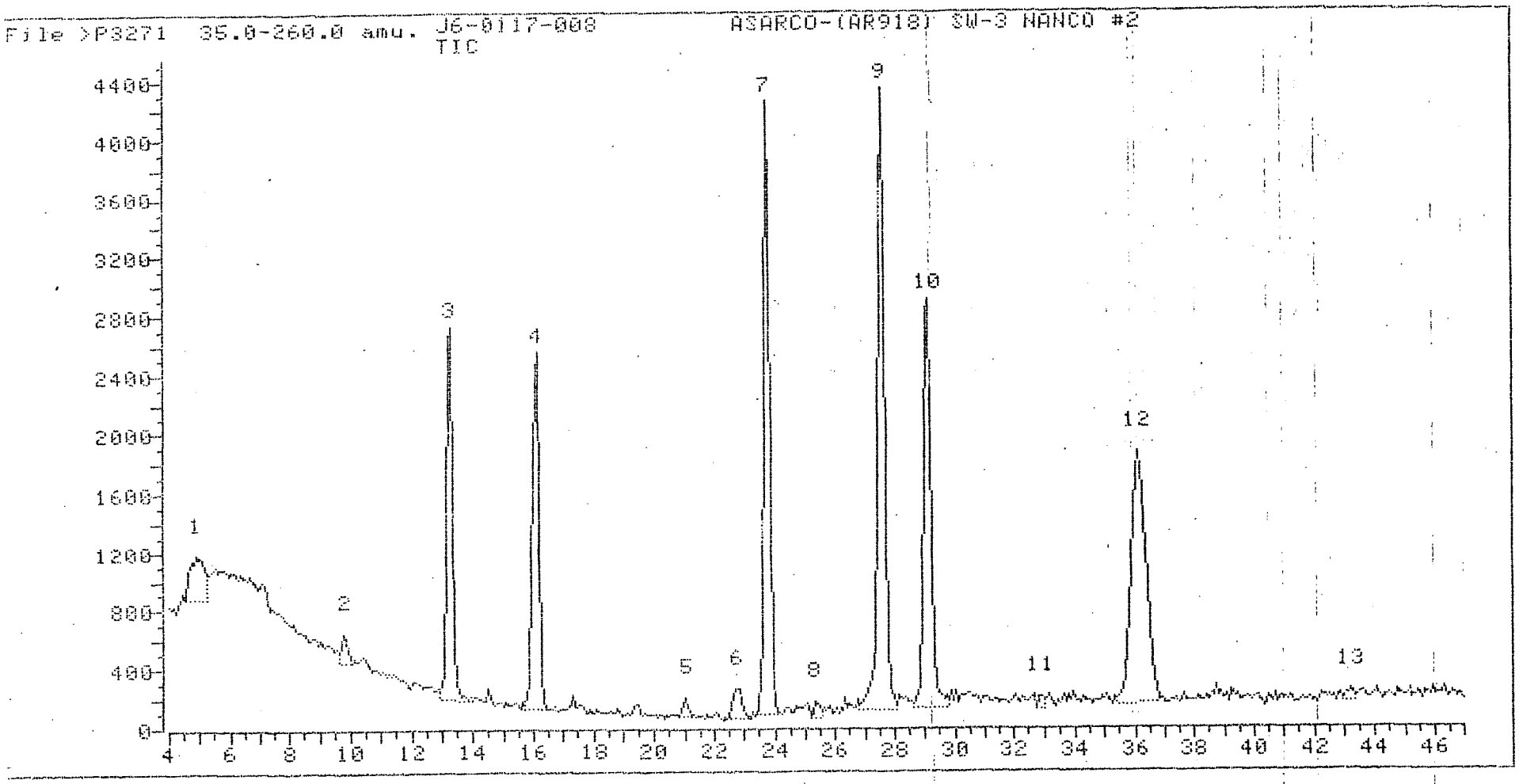
Tentatively Identified Compounds

	CAS Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/l or ug/Kg)
1					
2	-----	NONE FOUND	VOA	------	---------
3					
4					
5	127184	TETRACHLOROEHTENE	BNA	6.31	60.0 J B
6	-----	UNKNOWN ESTER	BNA	37.72	36.0 J
7	-----	UNKNOWN ESTER	BNA	37.97	22.0 J
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

FORM I, PART B

2

In J 9:47 9/22/20



	PK#		
)	3	BROMOCHLOROMETHANE	(IS
)	7	1,4-DIFLUOROBENZENE	(IS
)	10	CHLOROBENZENE-d5	(IS
)	4	1,2-DICHLOROETHANE-d4	(SR
)	9	TOLUENE-d8	(SR
)	12	4-BROMOFLUOROBENZENE	(SR

000349

QUANT REPORT

Operator ID: DALY Quant Rev: 4 Quant Time: 860922 10:36
Output File: ^P3271::PS Injected at: 860922 09:47
Data File:)P3271::D2 Dilution Factor: 1.00
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2

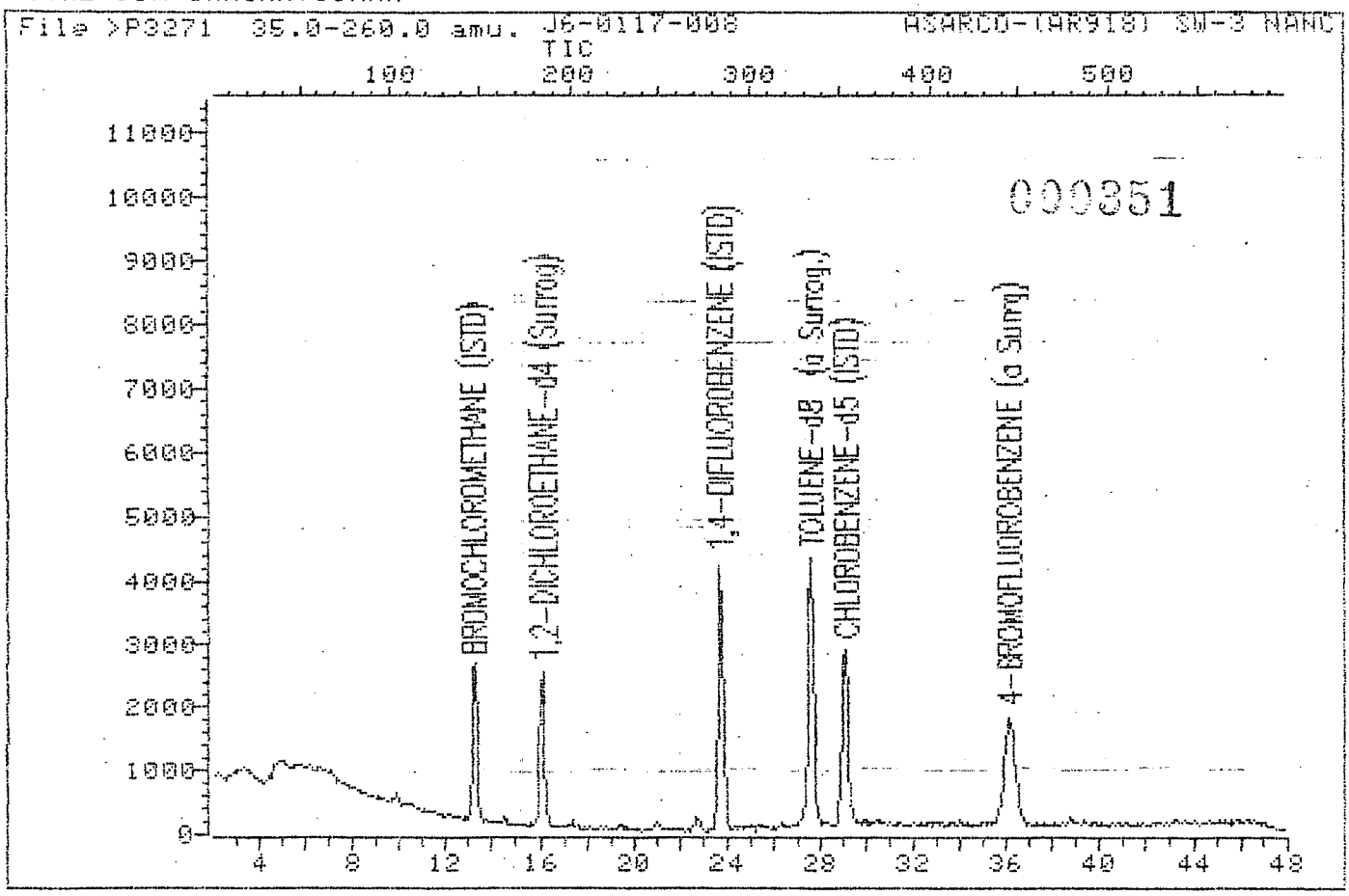
ID File: IDEPA2::NA
Title: IDEPA VOA
Last Calibration: 860922 06:51

000850

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*BROMOCHLOROMETHANE (ISTD)	13.20	146	4730	50.00	UG	85
6)	Methylene Chloride	9.82	102	475	2.28	UG	95
7)	Acetone	10.43	110	839	6.01	UG	68
14)	*1,4-DIFLUOROBENZENE (ISTD)	23.74	283	21590	50.00	UG	96
29)	*CHLOROBENZENE-d5 (ISTD)	29.12	353	14695	50.00	UG	95
39)	TOLUENE-d8 (a Surrog.)	27.58	333	19509	50.71	UG	97
40)	4-BROMOFLUOROBENZENE (a Surrg)	36.12	444	11839	46.57	UG	72
41)	*IBROMOCHLOROMETHANE (ISTD)1	13.20	146	4730	50.00	UG	85
42)	1,2-DICHLOROETHANE-d4 (Surrog)	16.12	184	12168	50.17	UG	98

* Compound is ISTD

TOTAL ION CHROMATOGRAM

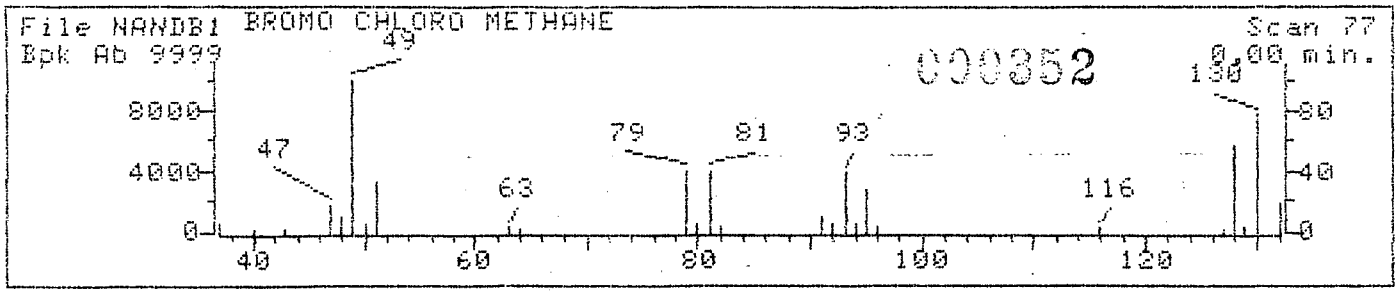


Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2

Id File: IDEPA2::NA
Title: IDEPA VOA
Last Calibration: 860922 06:51

Operator ID: DALY
Quant Time: 860922 10:36
Injected at: 860922 09:47

REFERENCE STANDARD SPECTRUM



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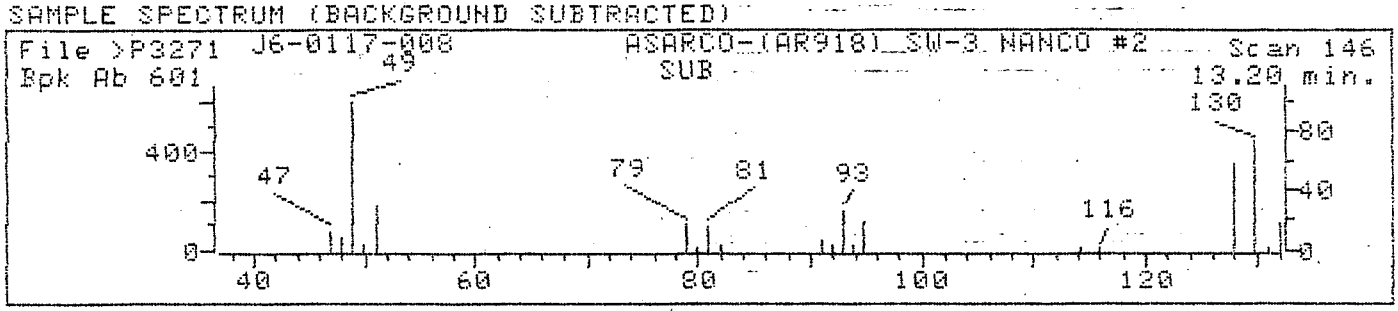

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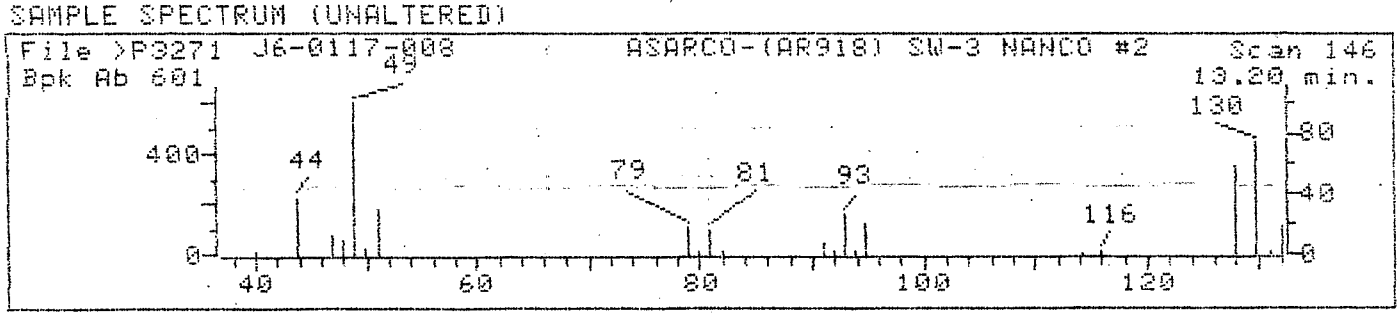
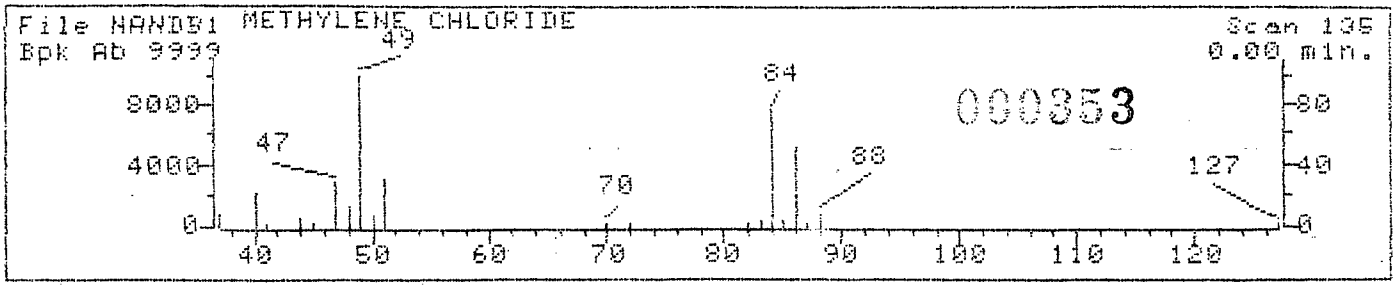


Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

Compound No: 1 (ISTD)
Compound Name: BROMOCHLOROMETHANE (ISTD)
Scan Number: 146
Retention Time: 13.20 min.
Area: 4730
Concentration: 50.00 UG
q-value: 85

20

REFERENCE STANDARD SPECTRUM



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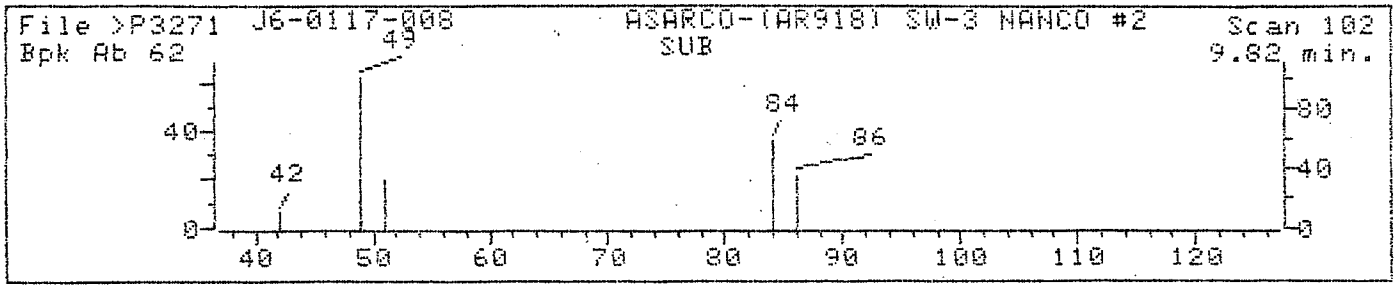

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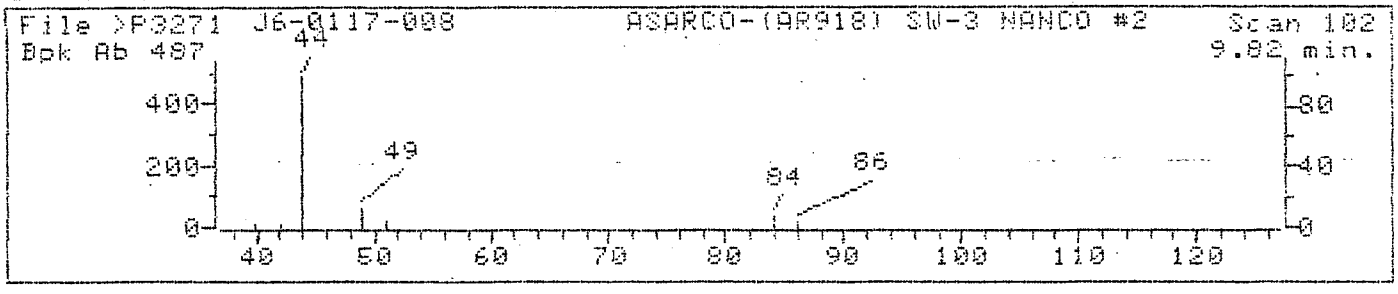
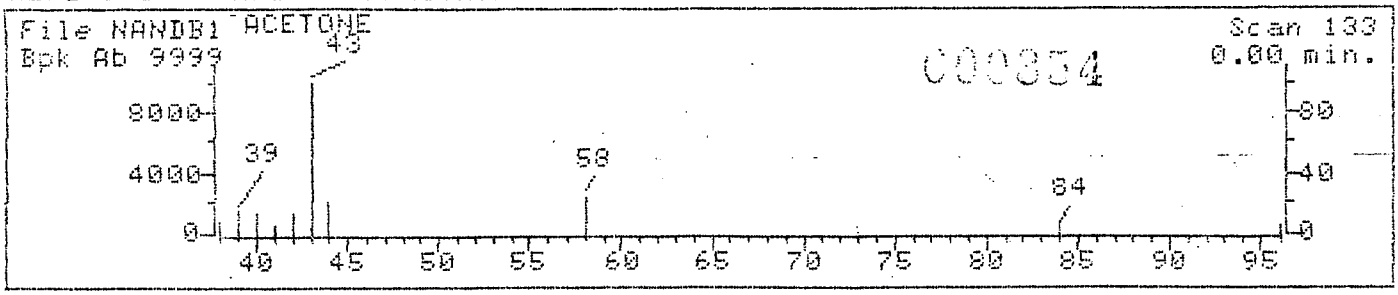


Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

Compound No: 6
Compound Name: Methylene Chloride
Scan Number: 102
Retention Time: 9.82 min.
Area: 475
Concentration: 2.28 UG
q-value: 95

✓ 20

REFERENCE STANDARD SPECTRUM



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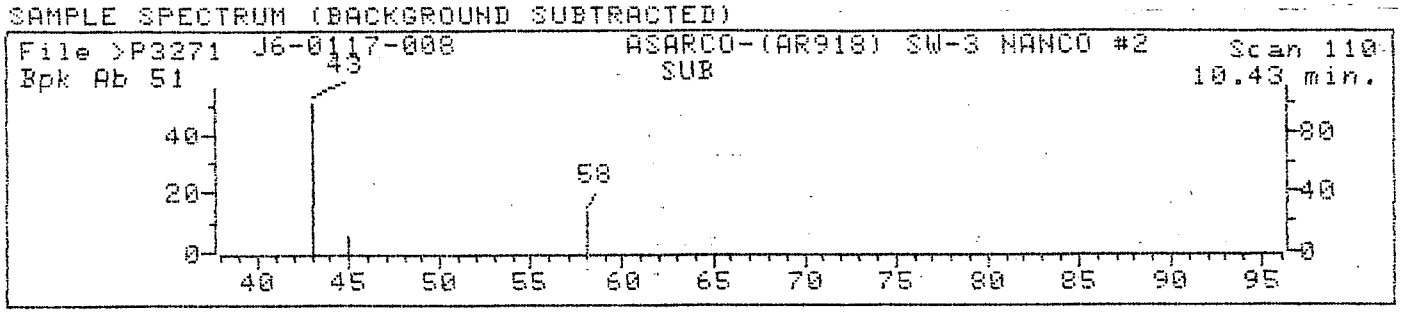
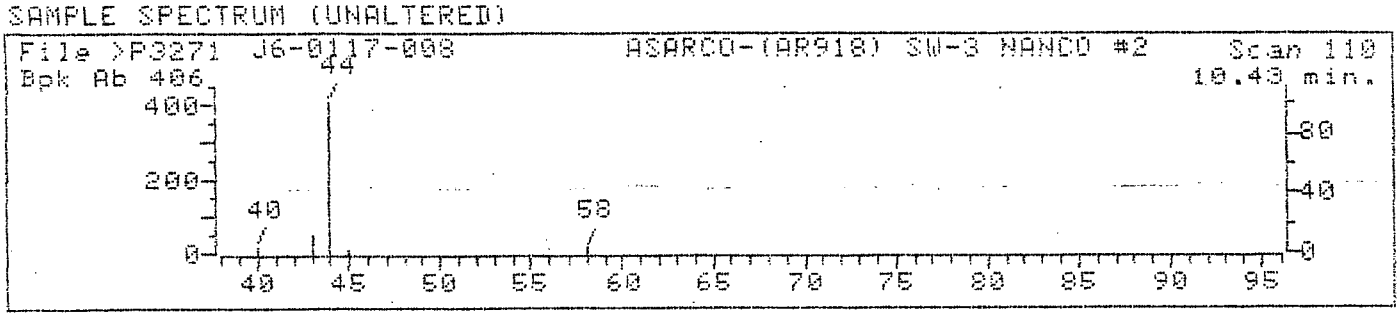


SAMPLE SPECTRUM (UNALTERED)



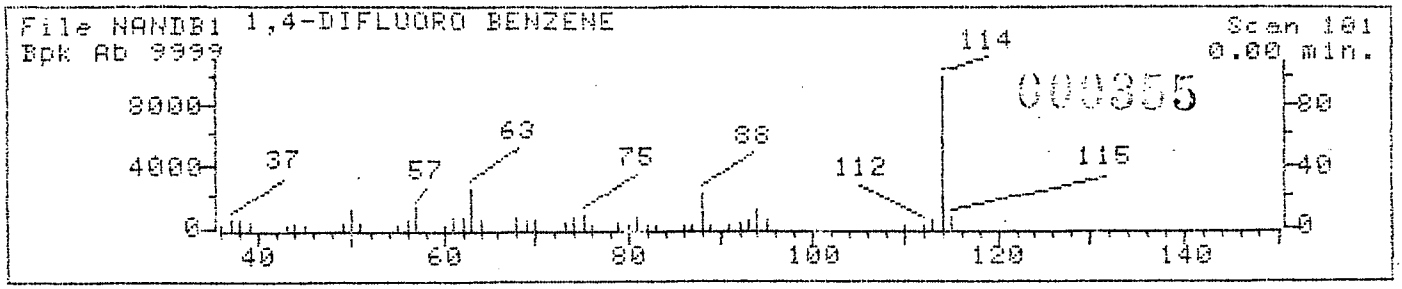
Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

Compound No: 7
Compound Name: Acetone
Scan Number: 110
Retention Time: 10.43 min.
Area: 839
Concentration: 6.01 UG
q-value: 68

✓

JD

REFERENCE STANDARD SPECTRUM



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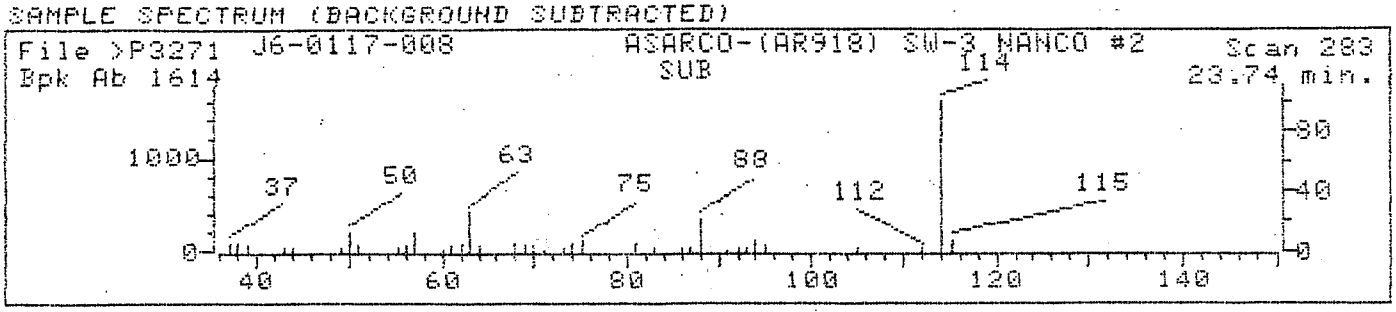

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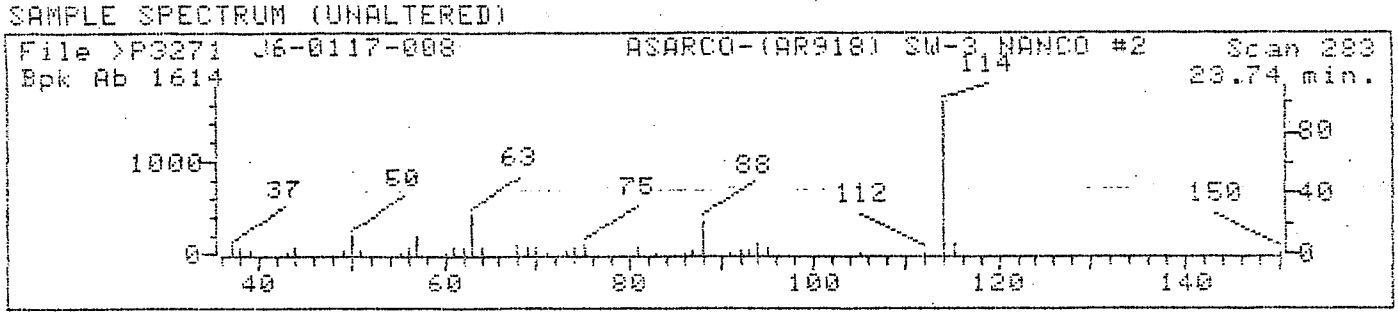
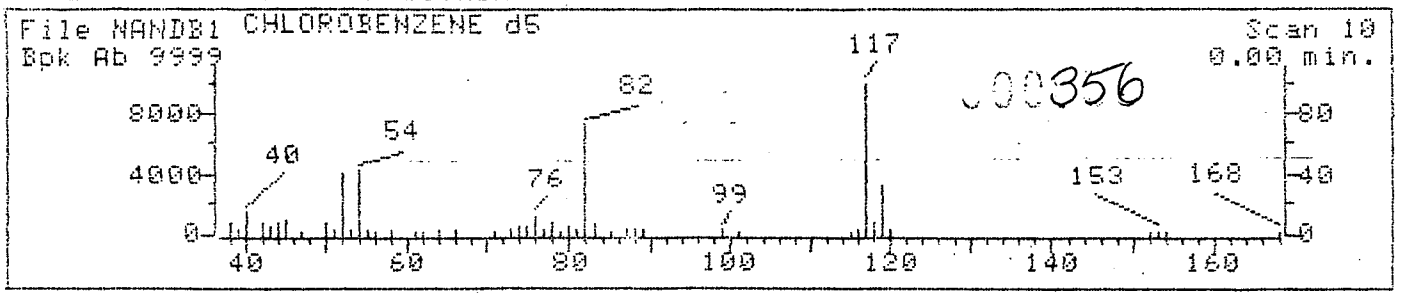


Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

Compound No: 14 (ISTD)
Compound Name: 1,4-DIFLUOROBENZENE (ISTD)
Scan Number: 283
Retention Time: 23.74 min.
Area: 21590
Concentration: 50.00 UG
q-value: 96

20

REFERENCE STANDARD SPECTRUM



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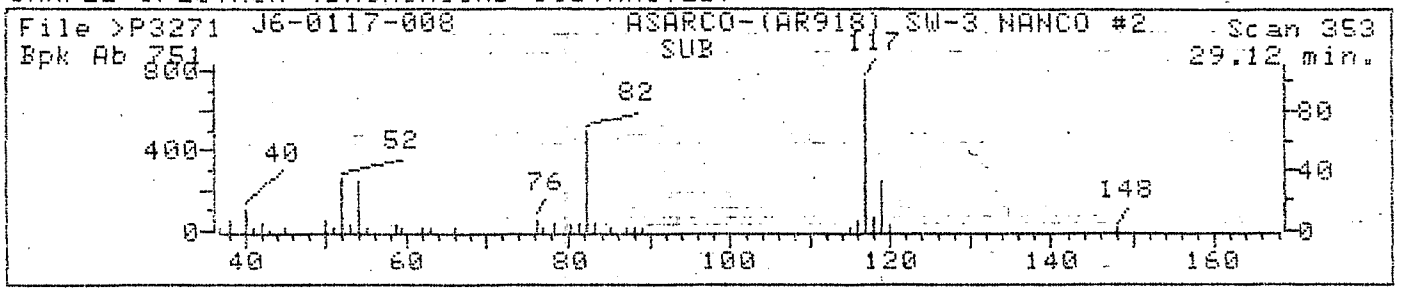
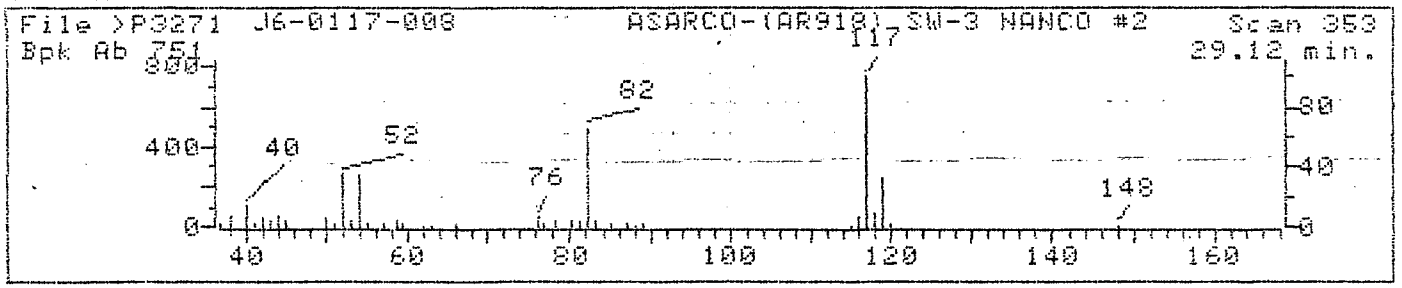


SAMPLE SPECTRUM (UNALTERED)

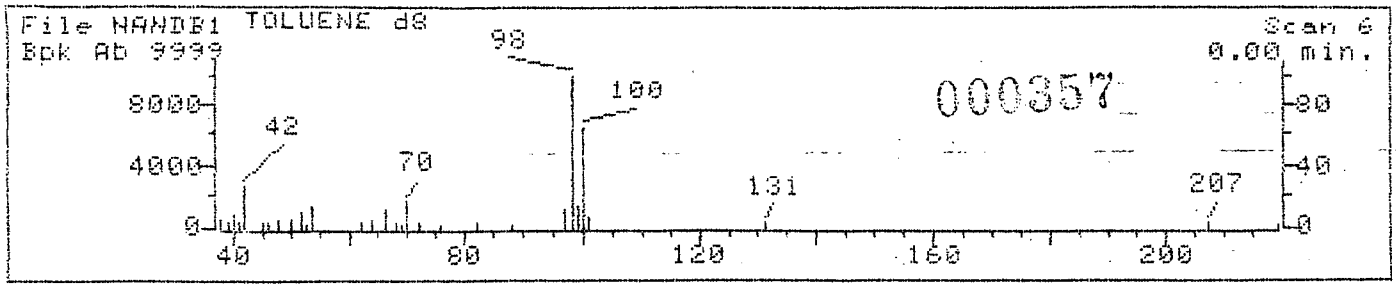


Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

Compound No: 29 (ISTD)
Compound Name: CHLOROBENZENE-d5 (ISTD)
Scan Number: 353
Retention Time: 29.12 min.
Area: 14695
Concentration: 50.00 UG
q-value: 95

J6

REFERENCE STANDARD SPECTRUM



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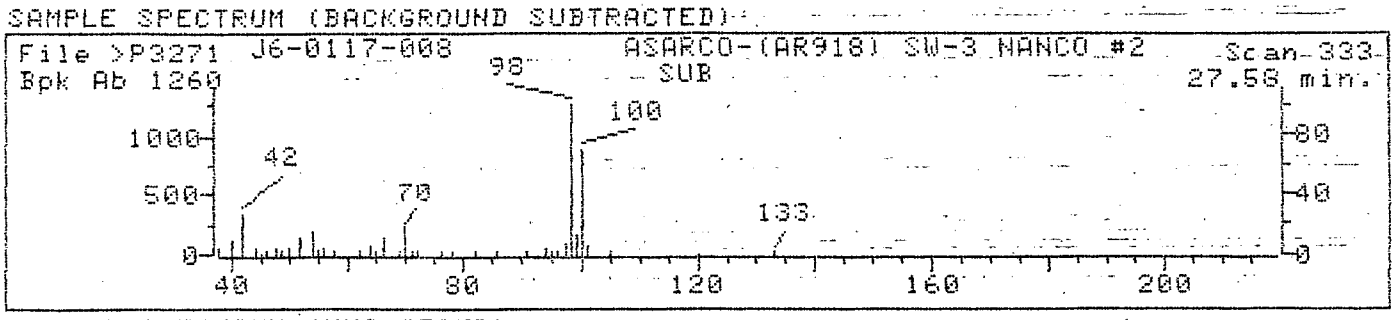

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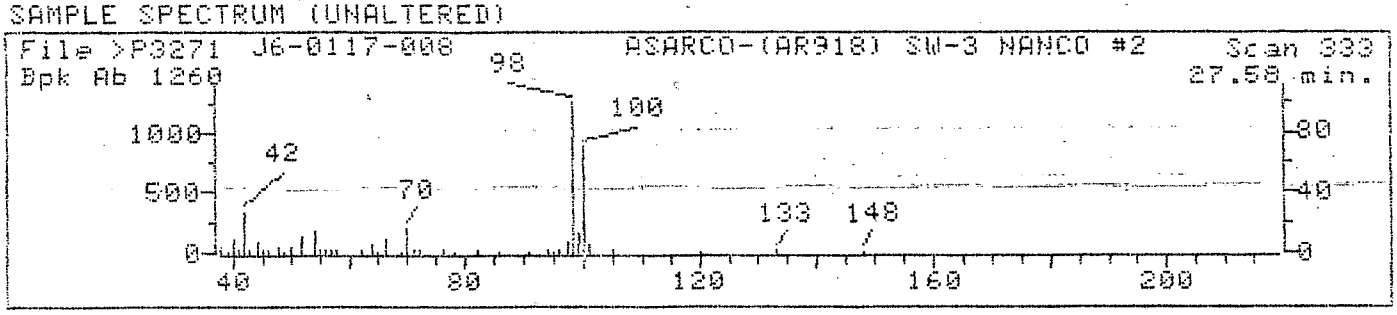
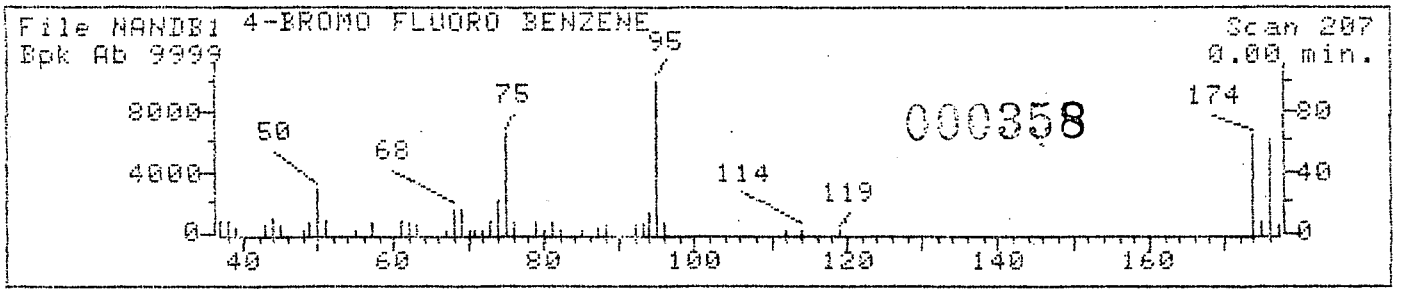


Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

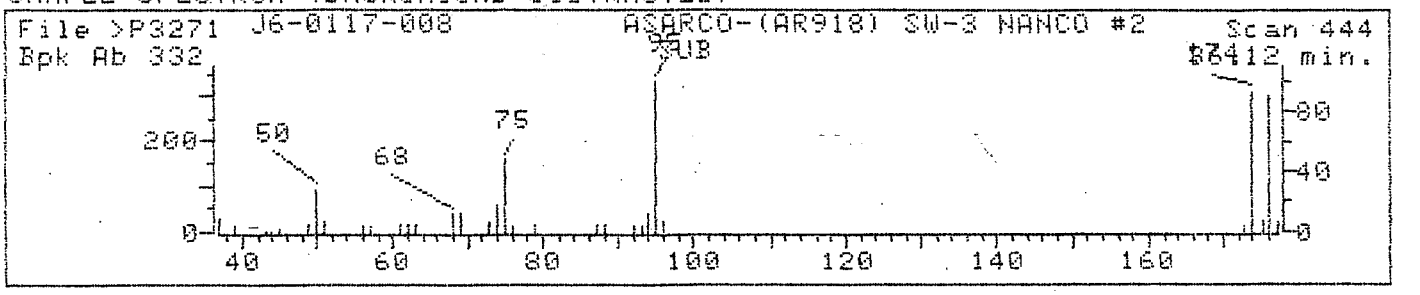
Compound No: 39
Compound Name: TOLUENE-d8 (a Surrog.)
Scan Number: 333
Retention Time: 27.58 min.
Area: 19509
Concentration: 50.71 UG
q-value: 97

JD

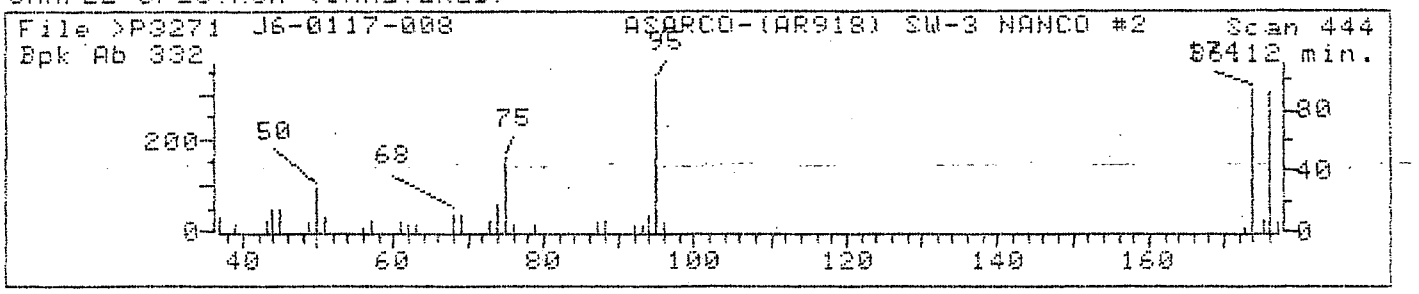
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



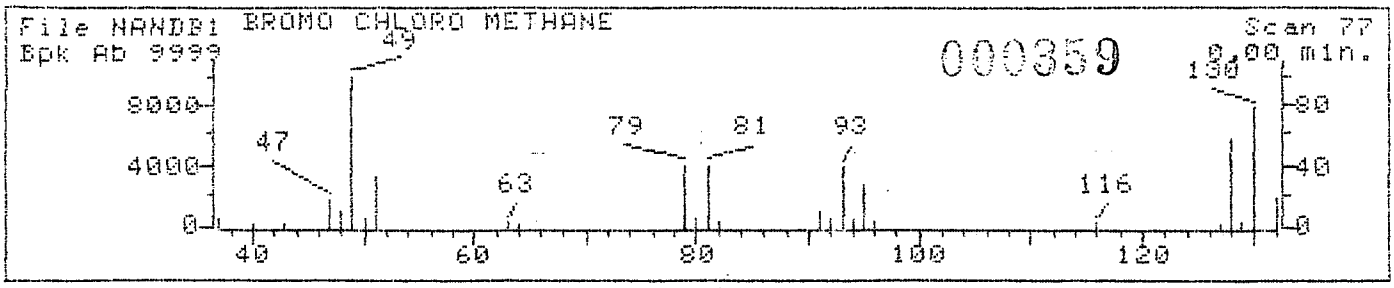
SAMPLE SPECTRUM (UNALTERED)



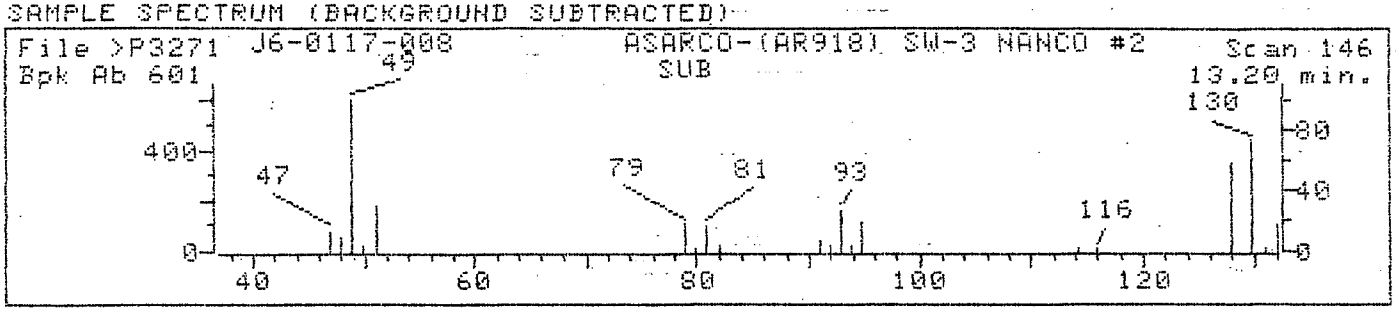
Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

Compound No: 40
Compound Name: 4-BROMOFLUOROBENZENE (a Surrg)
Scan Number: 444
Retention Time: 36.12 min.
Area: 11839
Concentration: 46.57 UG
a-value: 72

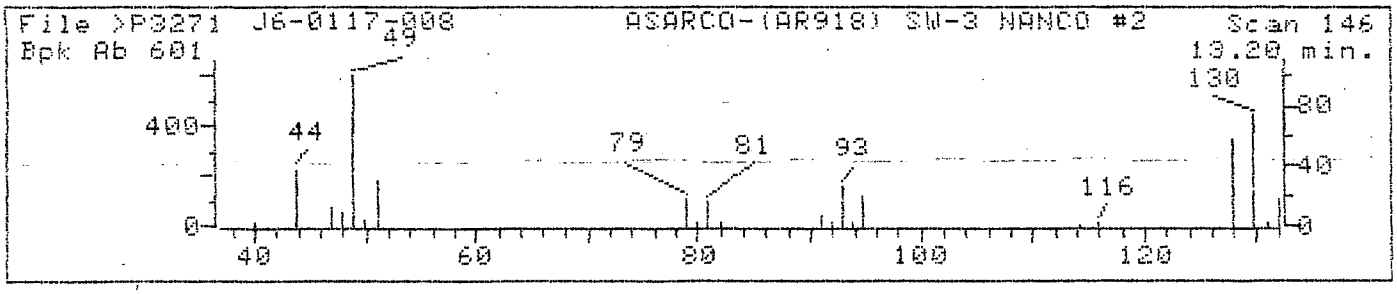
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

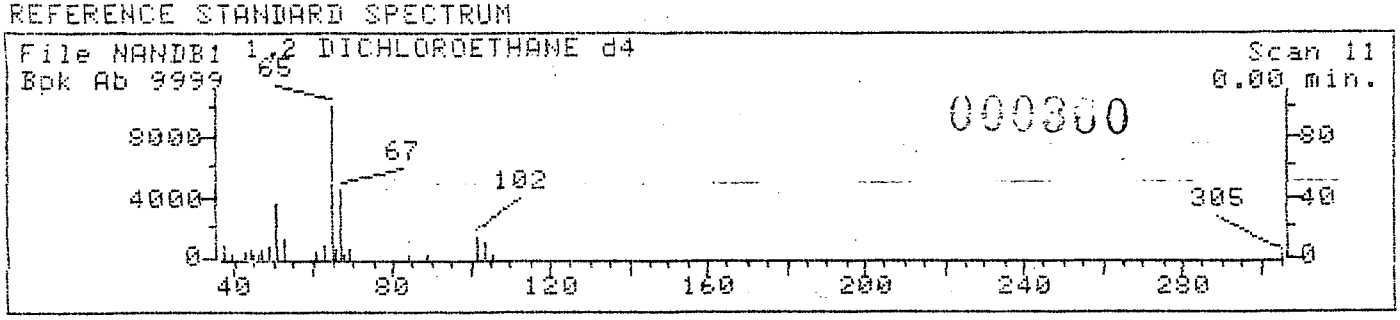


Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

Compound No: 41 (ISTD)
Compound Name: [BROMOCHLOROMETHANE (ISTD)]
Scan Number: 146
Retention Time: 13.20 min.
Area: 4730
Concentration: 50.00 UG
a-value: 85

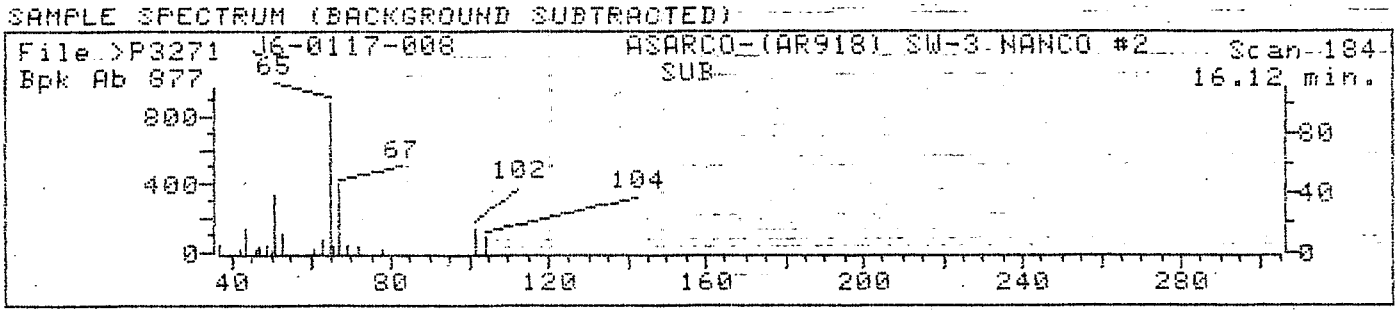
✓ 20

REFERENCE STANDARD SPECTRUM

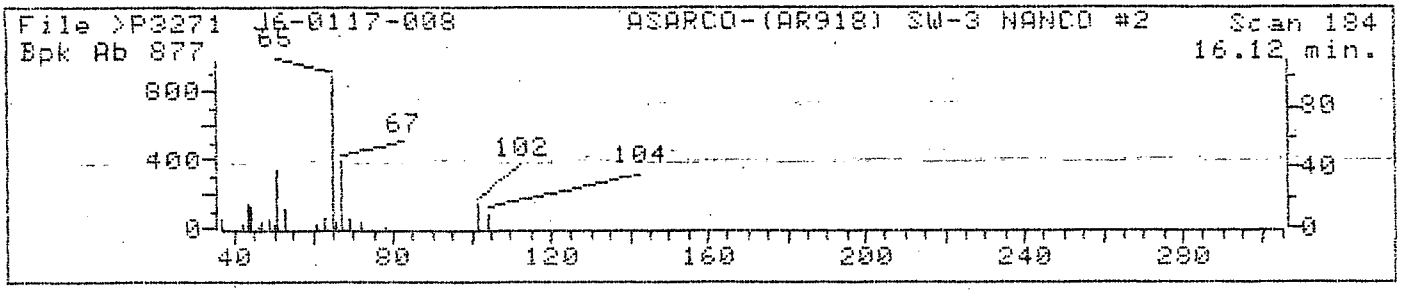


000300

SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >P3271::D2
Name: J6-0117-008
Misc: ASARCO-(AR918) SW-3 NANCO #2
Quant Time: 860922 10:36
Injected at: 860922 09:47

Compound No: 42
Compound Name: 1,2-DICHLOROETHANE-d4 (Surrog)
Scan Number: 184
Retention Time: 16.12 min.
Area: 12168
Concentration: 50.17 UG
q-value: 98

✓

6D

MS data file header from : >P3271

000381

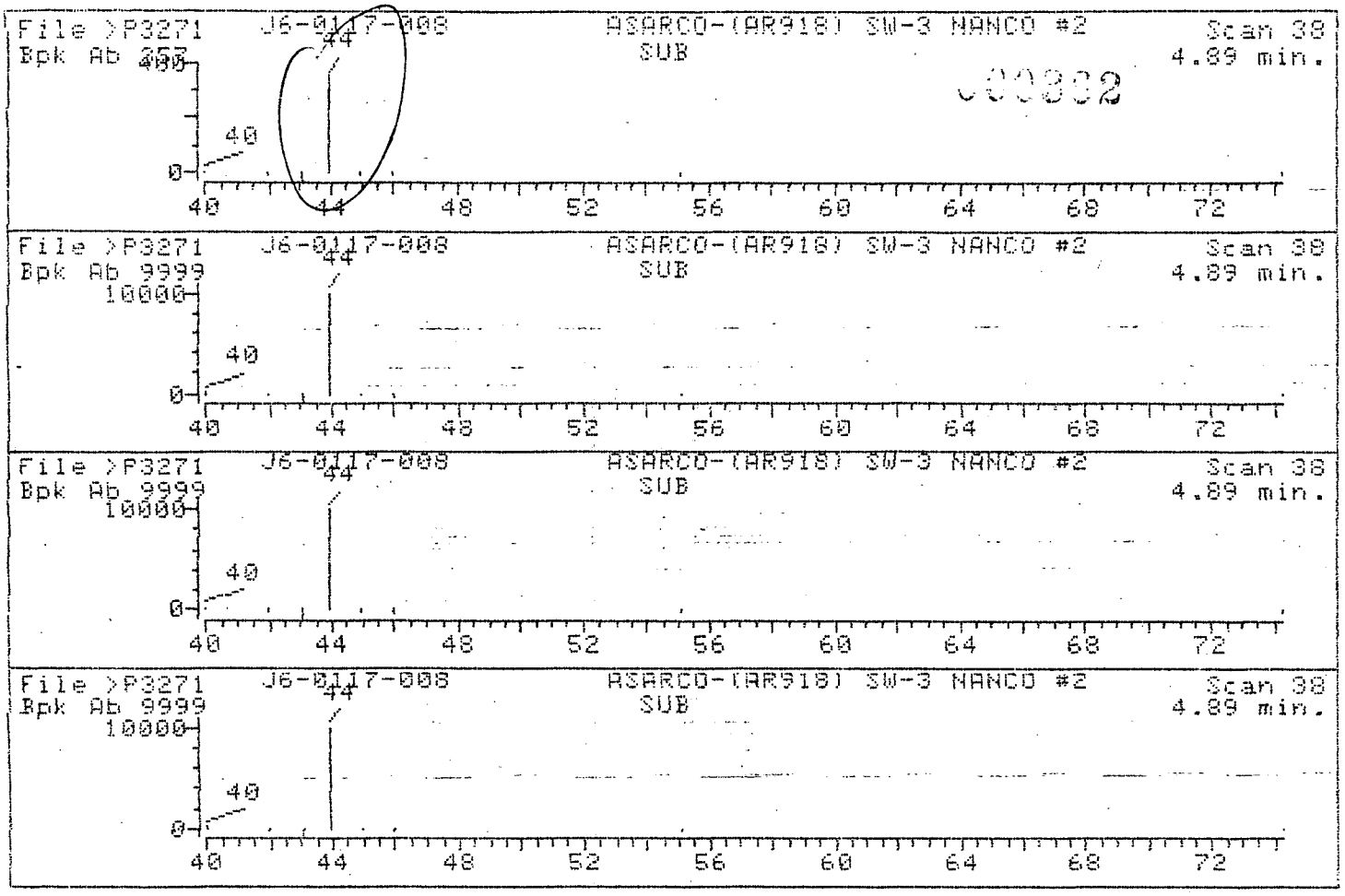
Sample: J6-0117-008 Operator: DALY MS 9/22/86 9:47
Misc : ASARCO-(AR918) SW-3 NANCO #2
Sys. #: 2 MS model: 96 SW/HW rev.: IA ALS # : 0
Method file: METH03 Tuning file: MT9002 No. of extra records: 1
Source temp.: 165 Analyzer temp.: 180 Transfer line temp. : 200

Chromatographic temperatures :	45.	220.	0.	0.	0.
Chromatographic times, min. :	4.0	22.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	8.0	0.0	0.0	0.0	0.0

>P3271 J6-0117-008 ASARCO-(AR918) SW-3 NANCO #2
35.0! 260.0 TIC

	Peak #	R.T. min.	first scan	max scan	last scan	peak height	raw area	corr. area	corr. % max.	% of total
	1	4.895	34	38	43	299	46550	10049	14.36	3.004
	2	9.817	100	102	105	194	12956	2574	3.68	.769
IS	3	13.277	143	147	156	2532	48877	37027	52.91	11.068
S	4	16.123	179	184	190	2423	40818	34220	48.90	10.229
	5	21.044	245	248	254	134	4872	1840	2.63	.550
X	6	22.736	266	270	275	205	6405	3913	5.59	1.170
IS	7	23.736	279	283	290	4176	60379	56267	80.41	16.819
X	8	25.351	302	304	307	113	3142	1735	2.48	.519
S	9	27.582	323	333	339	4222	78655	69978	100.00	20.917
IS	10	29.120	347	353	362	2779	63661	54831	78.35	16.390
X	11	32.889	400	402	404	95	3632	1509	2.16	.451
S	12	36.119	435	444	453	1698	72154	59151	84.53	17.681
	13	43.195	533	536	538	83	5053	1453	2.08	.434

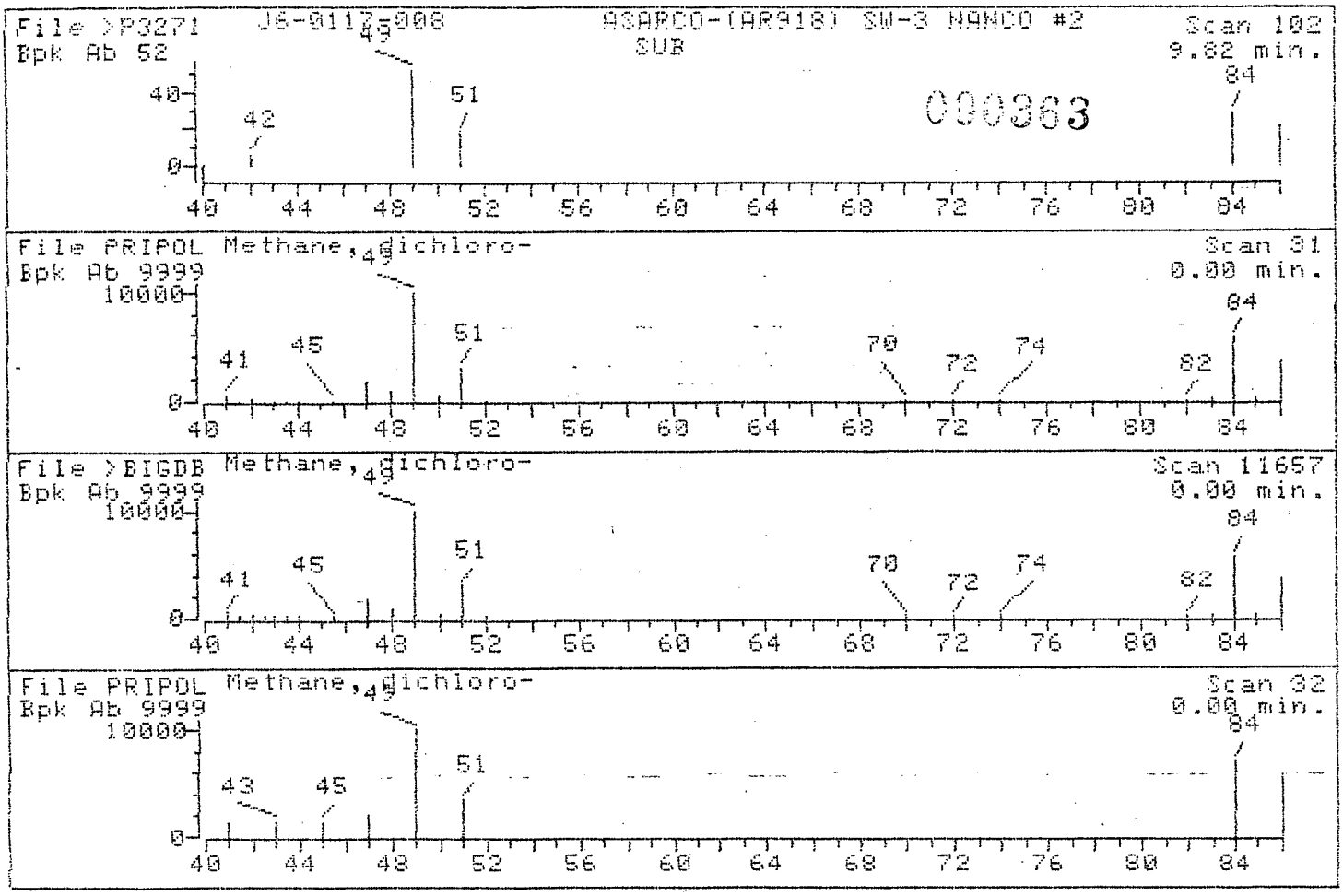
Sum of corrected areas: 334547.



Sample file: >P3271 Spectrum #: 38

No data base entries were retrieved.

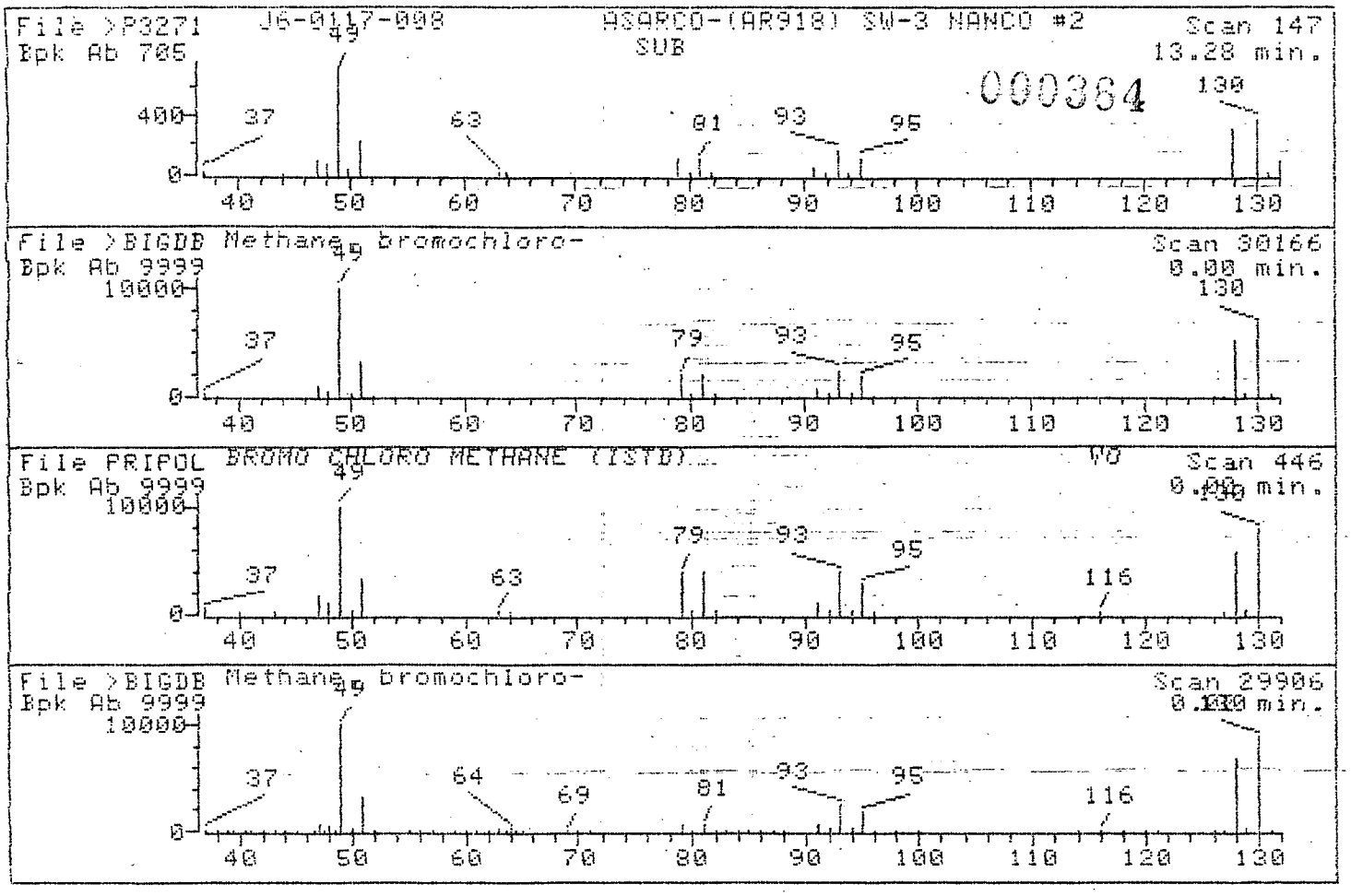
90



1. Methane, dichloro- 84 CH2Cl2
2. Methane, dichloro- 84 CH2Cl2
3. Methane, dichloro- 84 CH2Cl2
4. Methane, dichloro- 84 CH2Cl2
5. Methane, dichloro- 84 CH2Cl2

Sample file: >P3271 Spectrum #: 102
Search speed: 1 Tilting option: N No. of ion ranges searched: 44

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	70*	31	112	PRIPOL	38	65	3	0	96	9	42	13
2.	70*	75092	11657	"BIGDB	38	65	3	0	96	9	42	13
3.	60*	32	128	PRIPOL	39	41	3	0	74	11	30	16
4.	60*	75092	13178	"BIGDB	39	41	3	0	74	11	30	16
5.	60*	75092	13177	"BIGDB	39	60	3	0	87	11	30	13

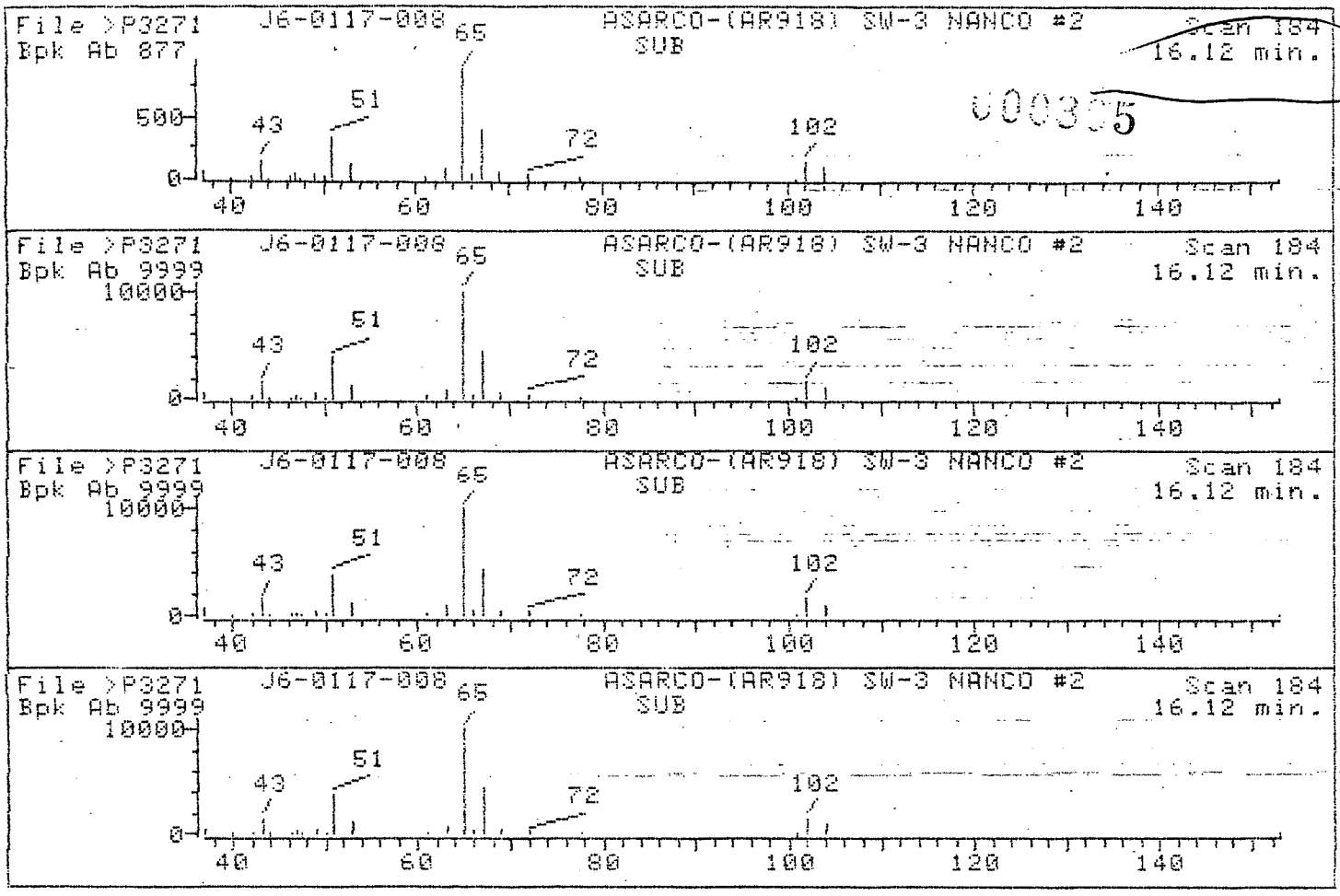


1. ~~Methane, bromochloro-~~
2. BROMO CHLORO METHANE (ISTD) VO 128 CH2BrCl
   A INTERNAL STANDARD
3. Methane, bromochloro- 128 CH2BrCl

3

Sample file: >P3271 Spectrum #: 147
Search speed: 1 Tilting option: N No. of ion ranges searched: 41

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	96*	74975	30166	"BIGDB	101	12	1	0	76	4	72	94
2.	73*	446	204	PRIPOL	86	40	2	0	57	24	32	66
3.	38*	74975	29906	"BIGDB	45	67	2	0	60	27	14	15



000335

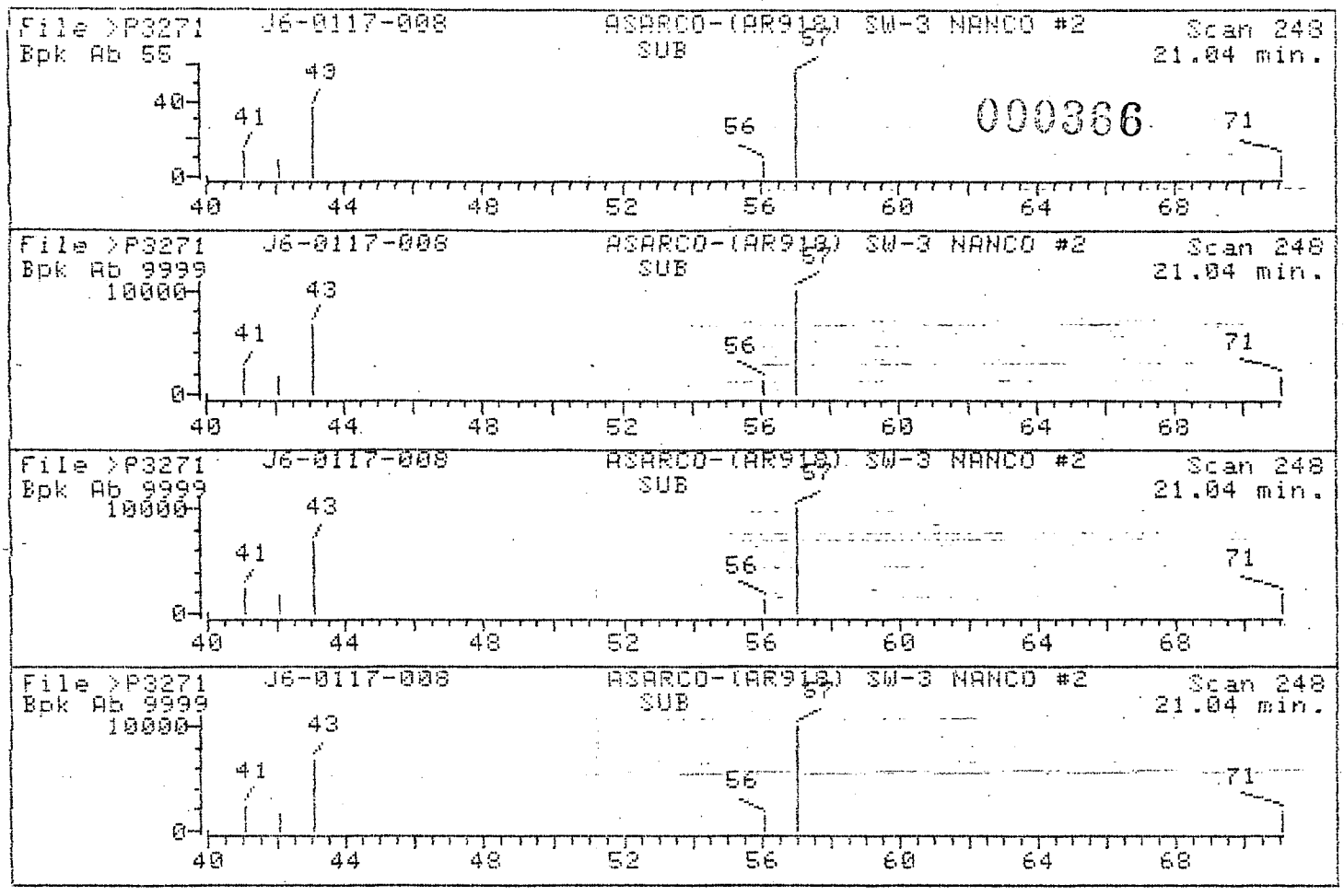
Sample file: >P3271 Spectrum #: 184

No data base entries were retrieved.

4

1,2 Dichloroethane d4

gD



Sample file: >P3271 Spectrum #: 248

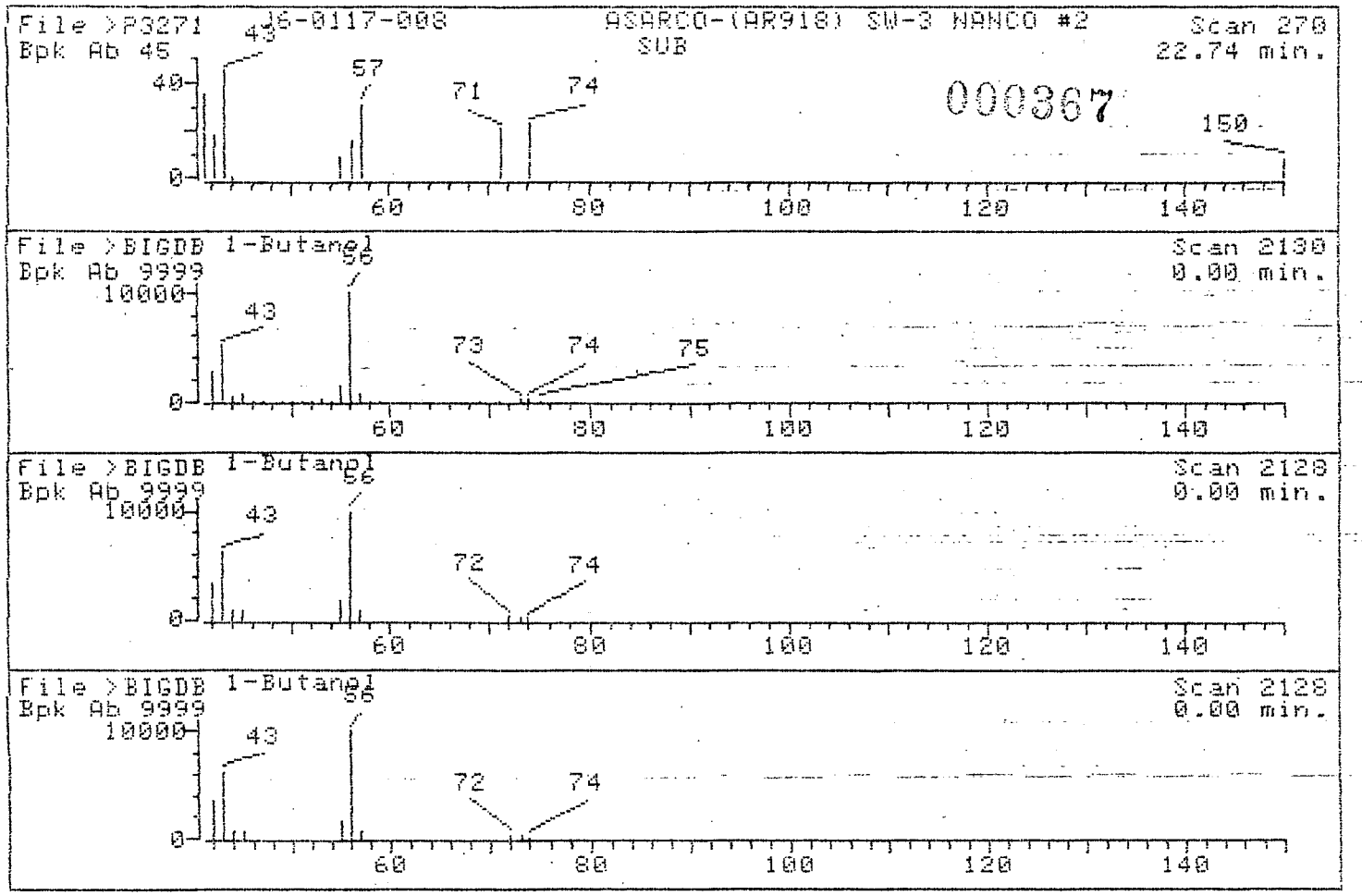
No data base entries were retrieved.

5

7,00% of IS

X

gp



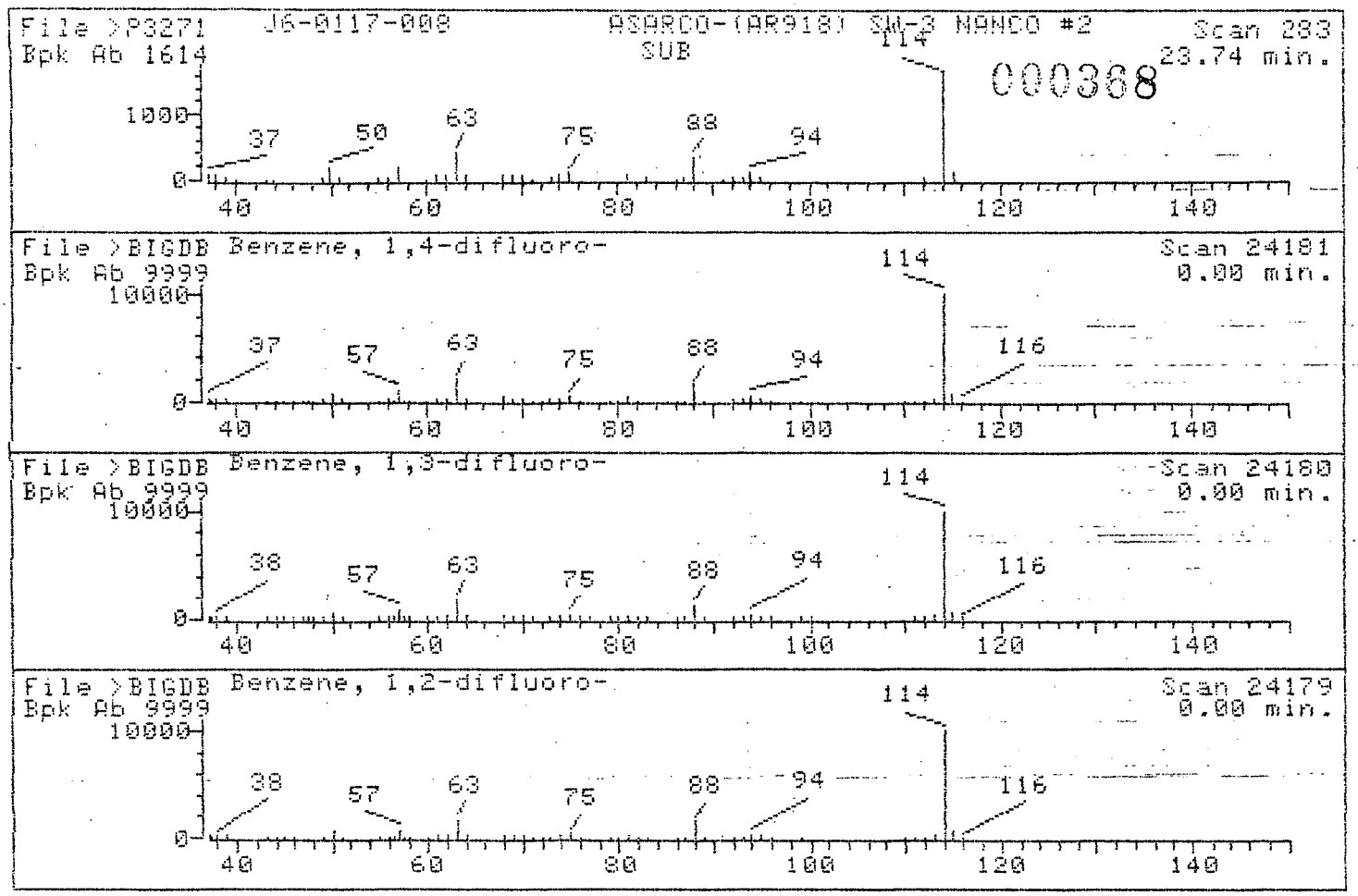
710% of IS

6

1. 1-Butanol 74 C4H10O
2. 1-Butanol 74 C4H10O

Sample file: >P3271 Spectrum #: 270
Search speed: 1 Tilting option: N No. of ion ranges searched: 45

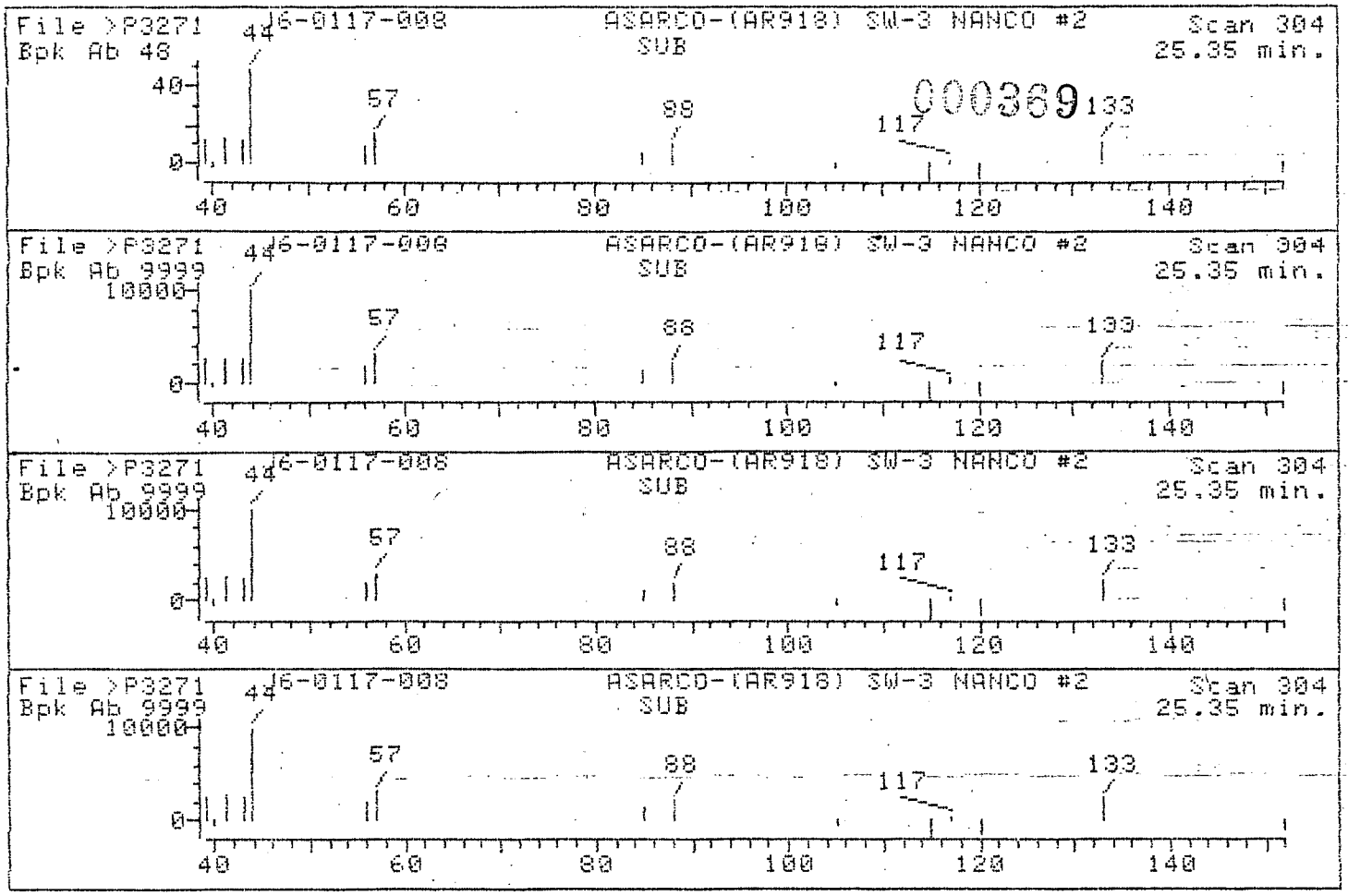
	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	26*	71363	2130	"BIGDB	22	67	3	0	134	37	10	12
2.	26*	71363	2128	"BIGDB	22	70	3	0	111	38	10	12



1. Benzene, 1,4-difluoro- ITSTD 114 C6H4F2
2. Benzene, 1,3-difluoro- 114 C6H4F2
3. Benzene, 1,2-difluoro- 114 C6H4F2
4. Benzene, 1,4-difluoro- 114 C6H4F2
5. 1H-1,2,4-Triazole, 3-nitro- 114 C2H2N4O2

Sample file: >P3271 Spectrum #: 283
Search speed: 1 Tilting option: N No. of ion ranges searched: 41

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	96%	540363	24181	"BIGDB	78	11	1	0	100	0	72	94
2.	84%	372189	24180	"BIGDB	62	23	1	0	100	9	55	67
3.	84%	367113	24179	"BIGDB	58	27	1	0	100	7	55	60
4.	42%	540363	24611	"BIGDB	40	41	2	0	100	26	14	19
5.	25%	24807554	24149	"BIGDB	24	67	3	0	100	50	7	12



Sample file: >P3271 Spectrum #: 304

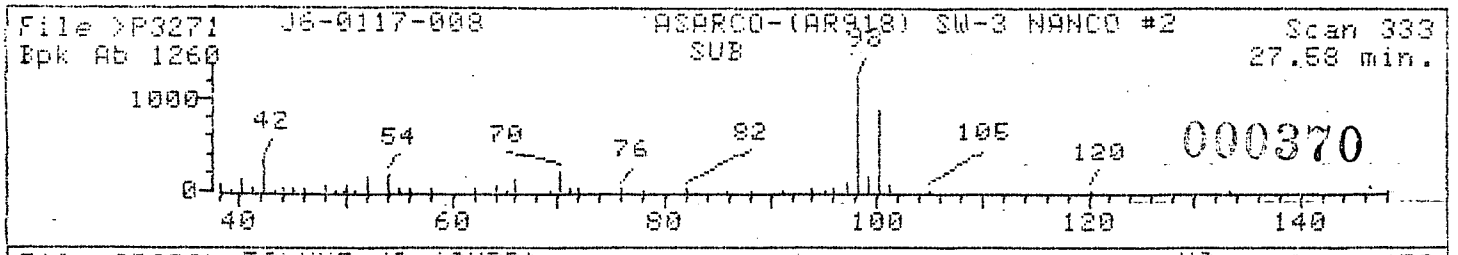
No data base entries were retrieved.

J

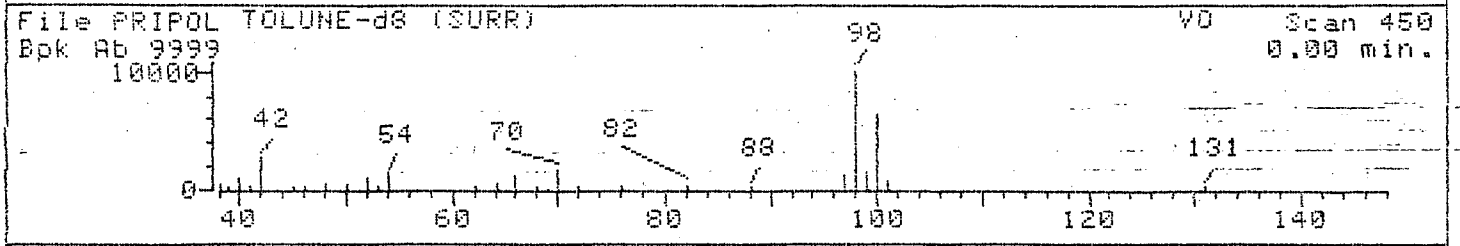
710% of IS

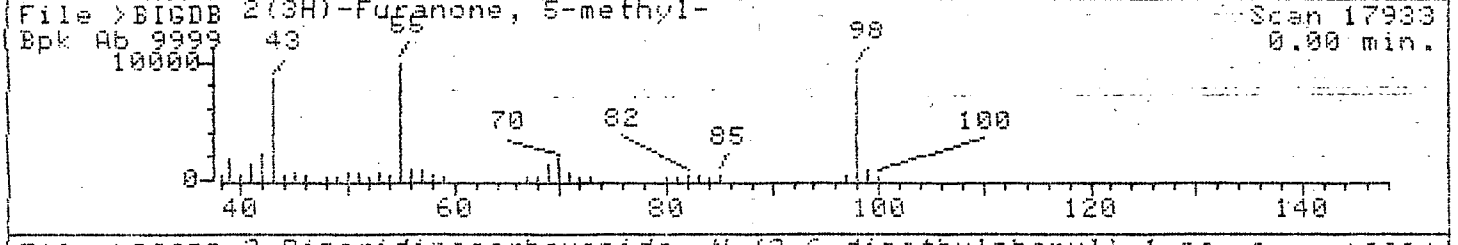
Y

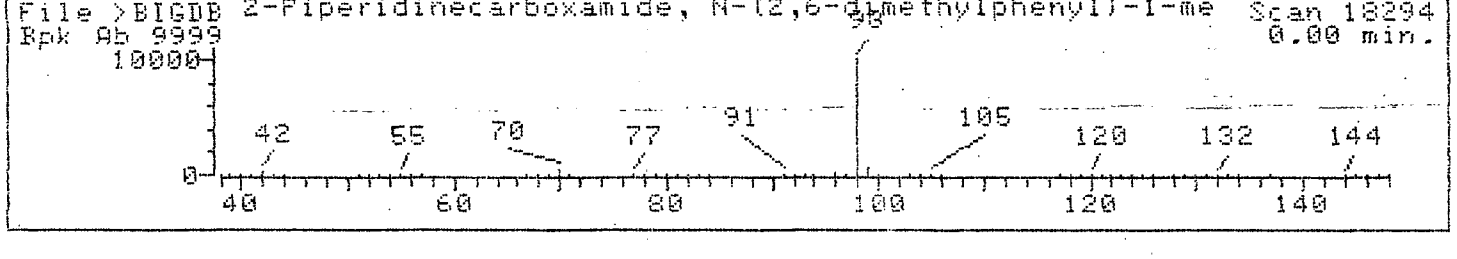
JB



000370



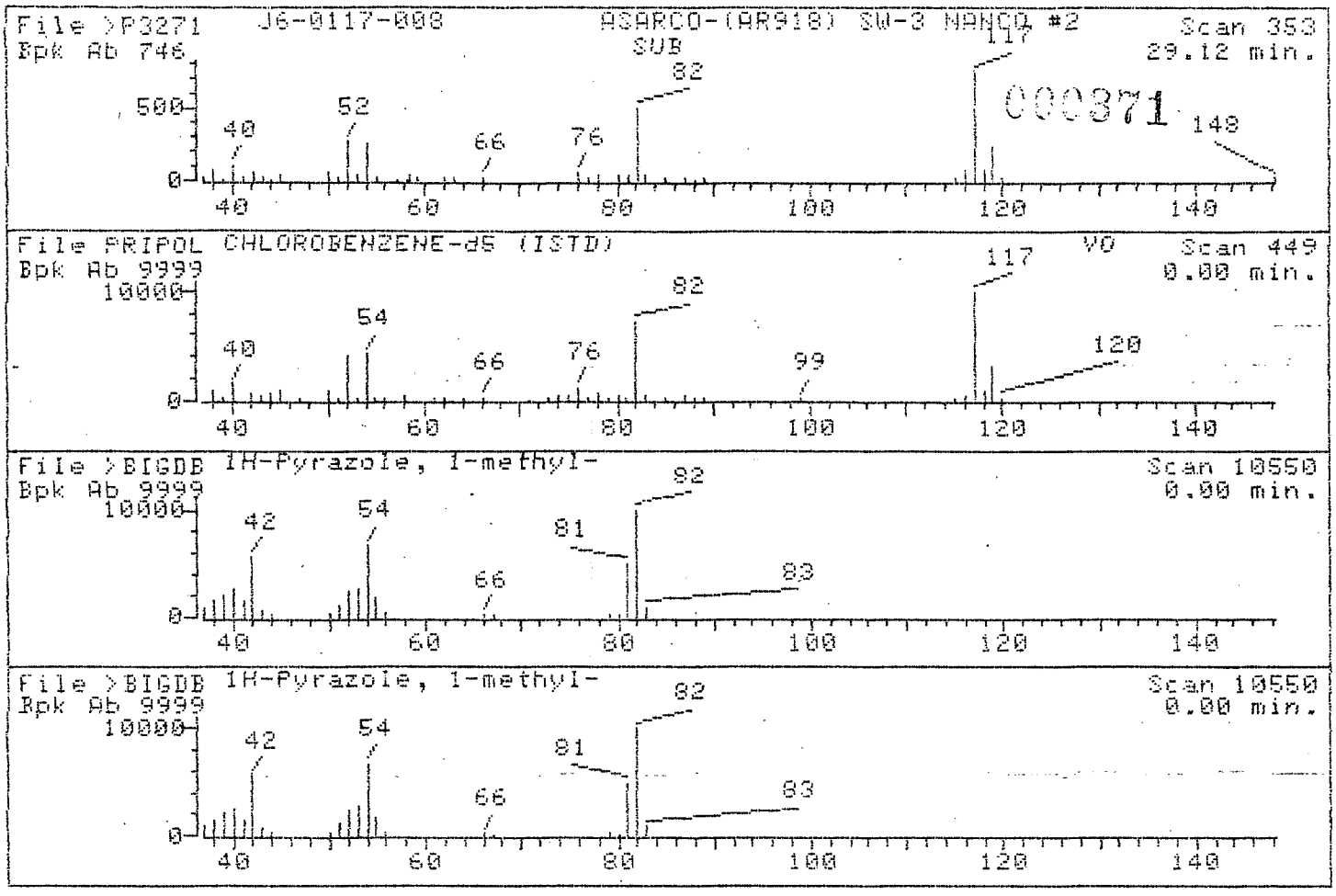




1. TOLUNE-d8 (SURR) 100 96
   LATILE SURROGATE
2. 2(3H)-Furanone, 5-methyl- 98 C5H6O2
3. 2-Piperidinecarboxamide, N-(2,6-dimethylphenyl)-1-me 282 C15H23ClN2O
   thyl-, monohydrochloride
4. 2(5H)-Furanone, 5-methyl- 98 C5H6O2
5. Pyrrolidine, 1-nitroso- 100 C4H8N2O

Sample file: >P3271 Spectrum #: 333
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	43	450	158	PRIPOL	71	27	2	0	87	31	16	26
2.	29%	591128	17933	"BIGDB	22	78	3	0	105	32	12	12
3.	25	1722629	18294	"BIGDB	39	48	1	0	84	47	7	14
4.	24%	591117	18380	"BIGDB	24	82	3	0	204	42	8	12
5.	15%	930552	19251	"BIGDB	29	68	3	0	101	59	3	13

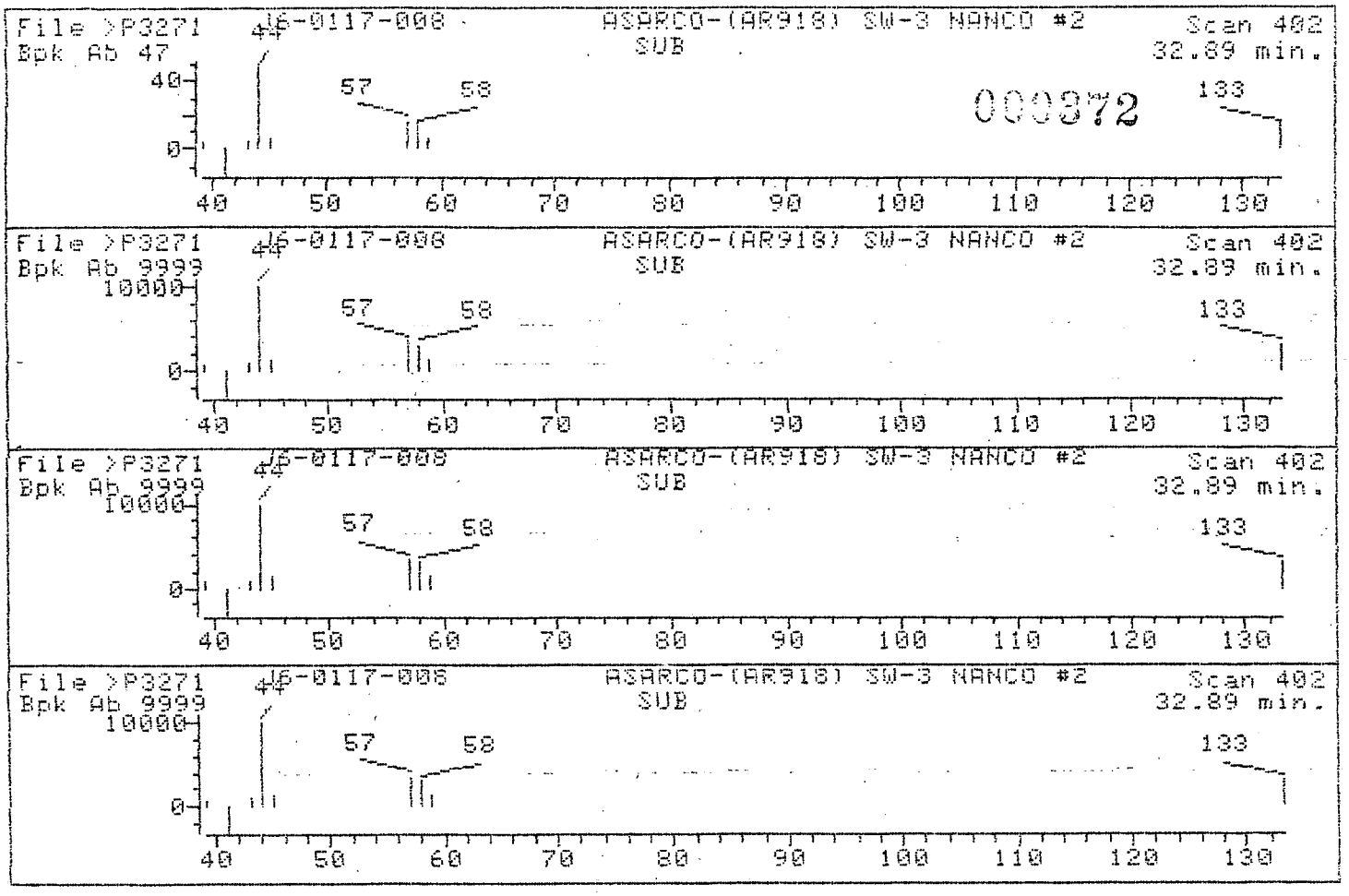


10

1. CHLOROBENZENE-d5 (ISTD) VO 117
   A INTERNAL STANDARD
2. ~~1H-Pyrazole, 1-methyl-~~ 82 C4H6N2

Sample file: >P3271 Spectrum #: 353
Search speed: 1 Tilting option: N No. of ion ranges searched: 41

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	83%	449	177	PRIPOL	52	53	2	0	79	2	57	27
2.	11%	930369	10550	"BIGDB	30	91	2	0	50	65	2	14



11

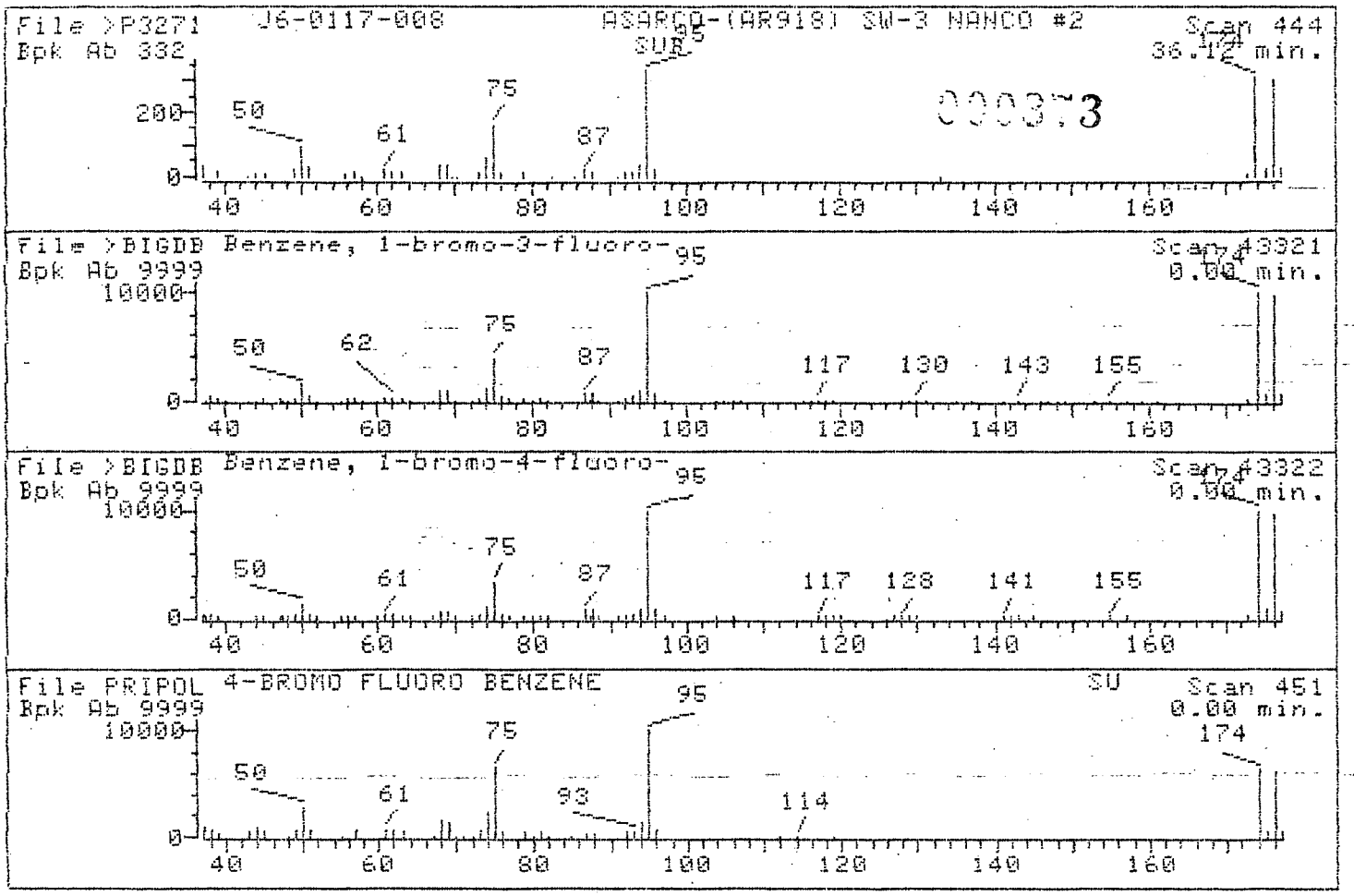
Sample file: >P3271 Spectrum #: 402

No data base entries were retrieved.

7 10% of IS

Y

OP



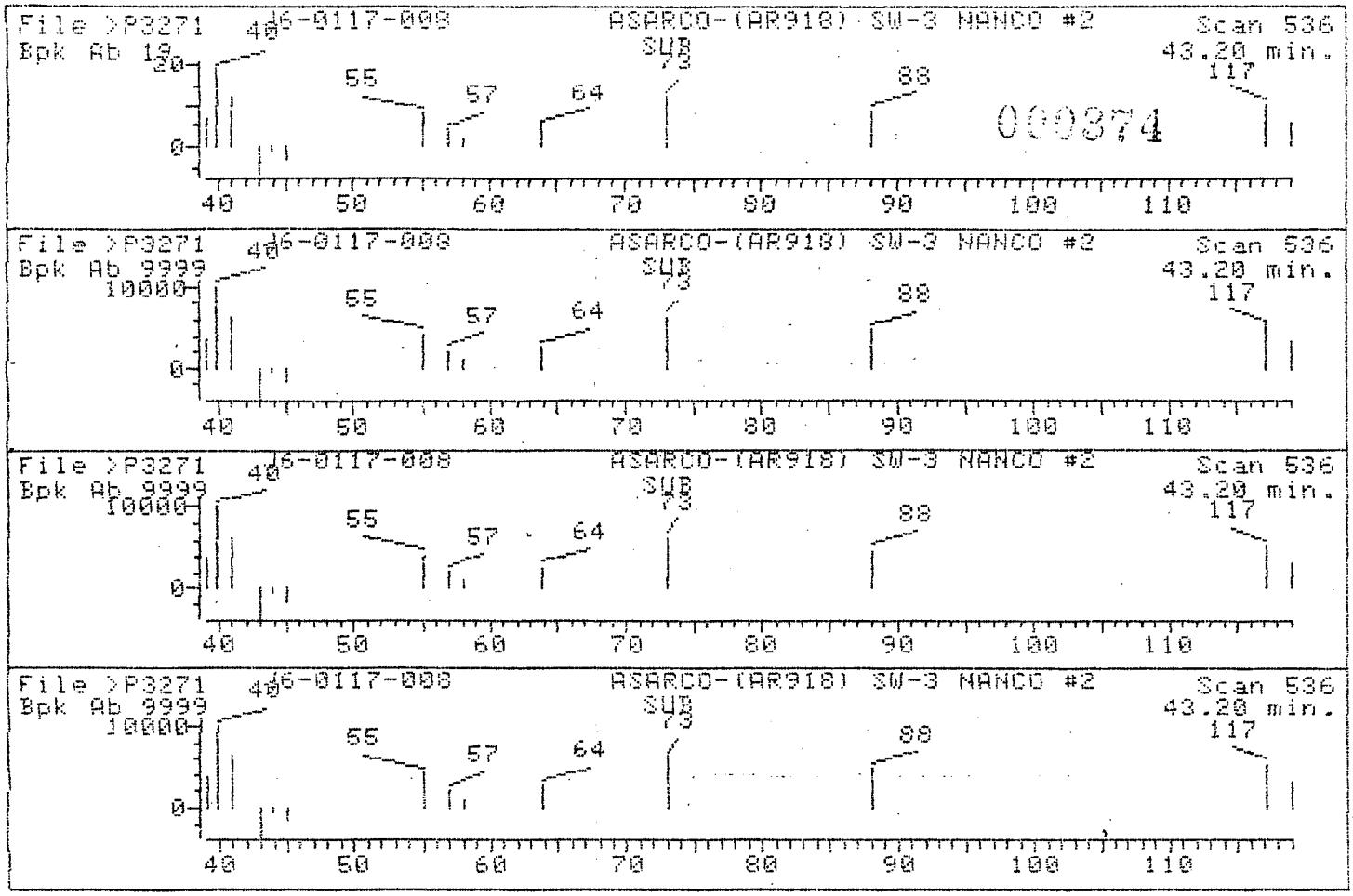
1. Benzene, 1-bromo-3-fluoro- 174 C6H4BrF
2. ~~Benzene, 1-bromo-4-fluoro-~~ 174 C6H4BrF
3. 4-BROMO FLUORO BENZENE SU 174 C6H4BrF
   SURROGATE COMPOUND
4. Benzene, 1-bromo-2-fluoro- 174 C6H4BrF

20

12

Sample file: >P3271 Spectrum #: 444
Search speed: 1 Tilting option: N No. of ion ranges searched: 41

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	86%	1073069	43321	"BIGDB	58	55	2	0	92	5	60	35
2.	71%	460004	43322	"BIGDB	54	56	2	0	92	11	38	31
3.	71%	451	144	PRIPOL	78	38	2	0	74	26	29	60
4.	71%	1072851	43320	"BIGDB	59	48	2	0	92	12	38	36



13

Sample file: >P3271 Spectrum #: 536

No data base entries were retrieved.

710% of IS

X

20

9/22/84 NJ DEP 008 009 Project No. Book No. 1077

000375

>P3271 J6-0117-008 SW-3

HSL	Conc (ug/L)
Meth. Chlor.	2.3
Acetone	6

Surr	Conc (ug/L)	% Rec
tol d-8	50.71	101
BFB	46.57	93
1,2 dichlor	50.17	100

TIC none found.

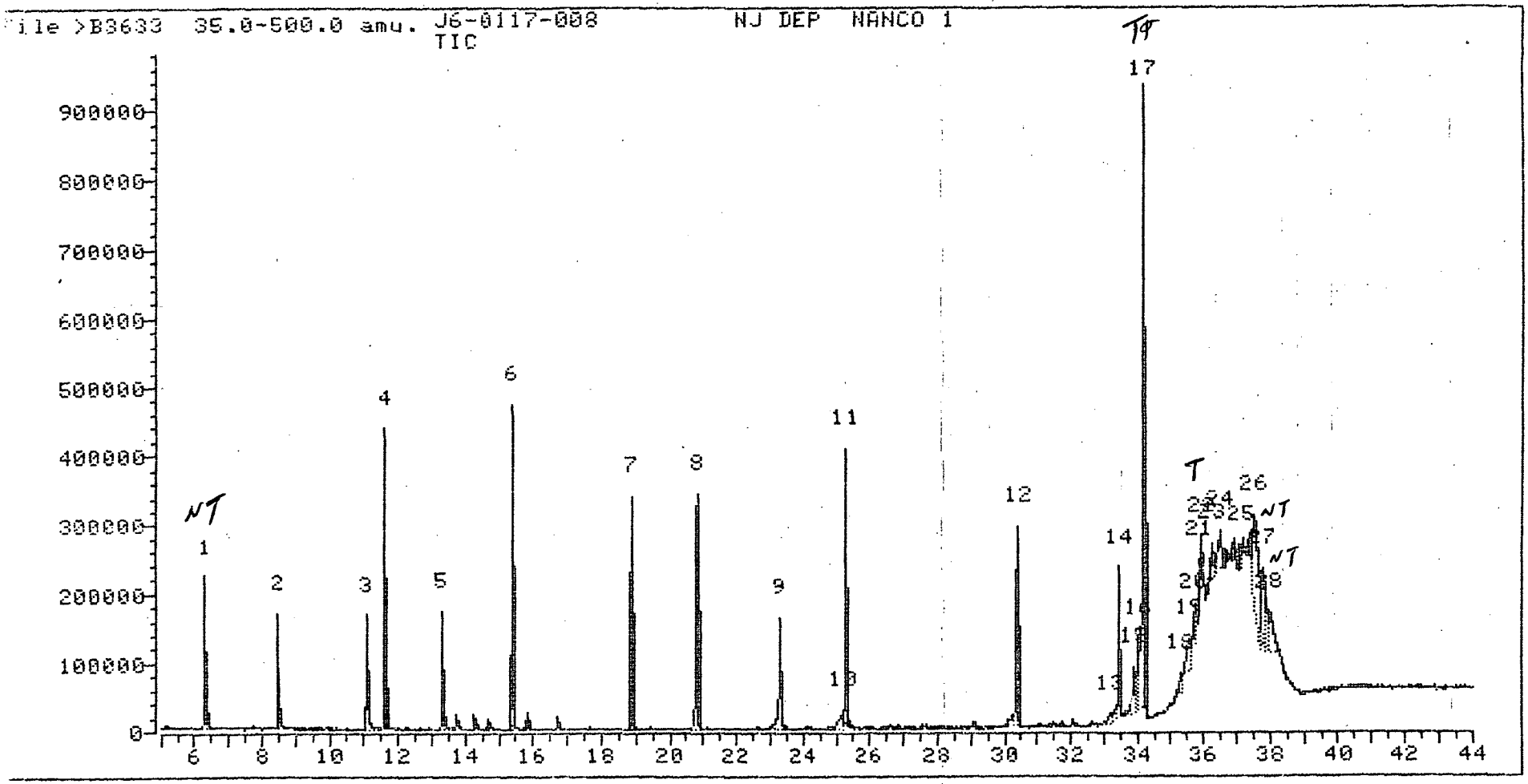
>P3272 J6-0118-008 SW-4

HSL	Conc (ug/L)
Meth. Chlor.	1.6

Surr	Conc (ug/L)	% Rec
tol d-8	51.22	102
BFB	48.39	97
1,2 dichlor	48.09	96

TIC none found

Inj: 10/9/86 1:31



PK #		
4	1,4-DICHLOROBENZENE d4	(IS)
6	NAPHTHALENE d8	(IS)
8	ACENAPHTHENE d10	(IS)
11	PHENANTHRENE d10	(IS)
14	CHRYSENE d12	(IS)
26	PERYLENE d12	(IS)

PK #		
3	PHENOL d6	(SURR)
2	2-FLUOROPHENOL	(SURR)
5	NITROBENZENE d5	(SURR)
7	2-FLUOROBIPHENYL	(SURR)
9	2,4,6-TRIBROMOPHENOL	(SURR)
12	TERPHENYL d14	(SURR)

000326

QUANT REPORT

Operator ID: JAHANI
Output File: ^B3633::AQ
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1

Quant Rev: 4
Quant Time: 861009 10:13
Injected at: 861009 01:31
Dilution Factor: 2.22

BTL#15

ID File: IDEPA1:PK:NA
Title: IDEPA BNA
Last Calibration: 861009 09:59

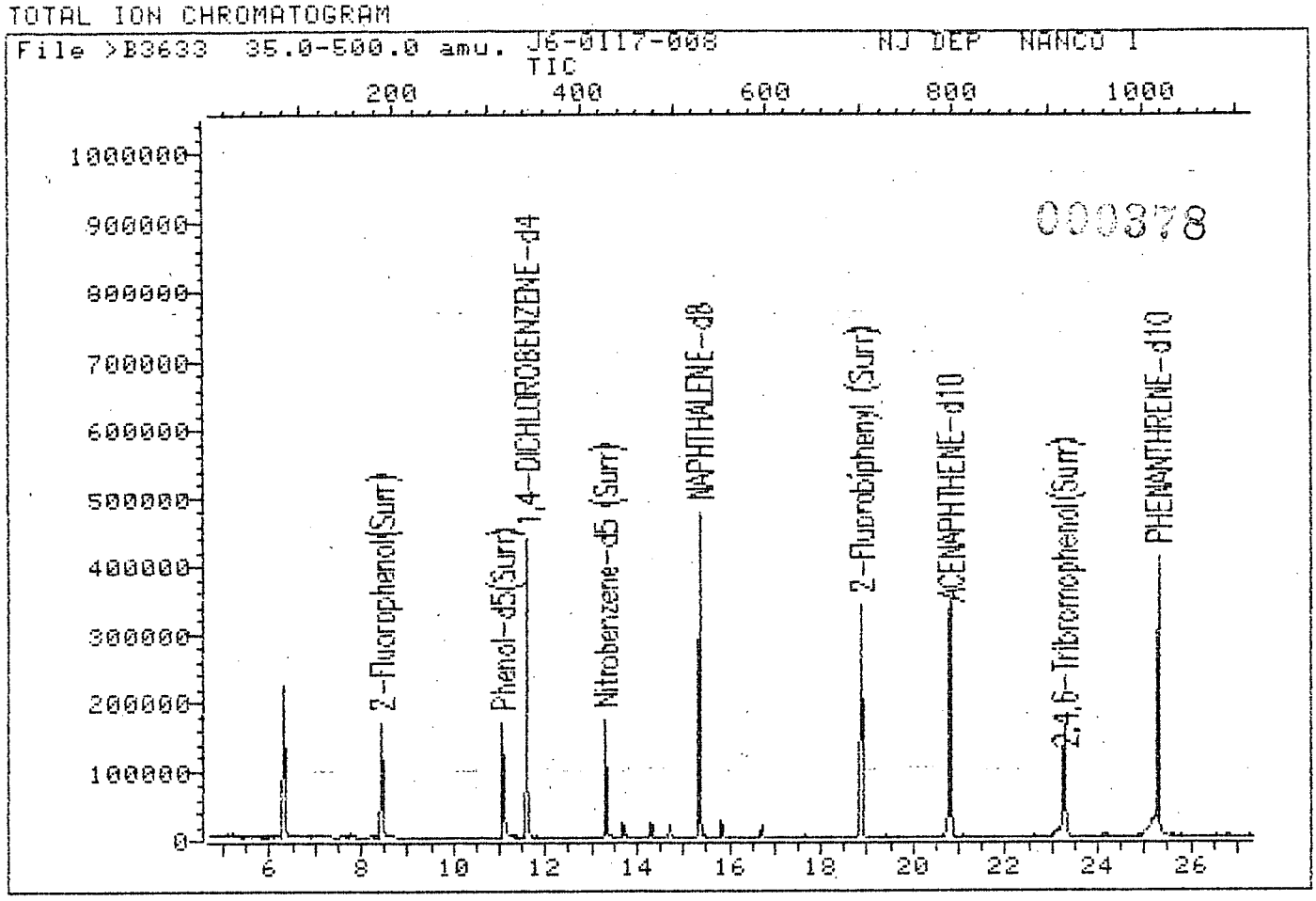
000377

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.61	342	144463	40.00	UG	96
14)	*NAPHTHALENE-d8	15.34	526	547434	40.00	UG	100
28)	*ACENAPHTHENE-d10	20.80	795	255254	40.00	UG	98
47)	*PHENANTHRENE-d10	25.29	1016	423174	40.00	UG	94
57)	*CHRYSENE-d12	33.42	1416	238349	40.00	UG	100
62)	bis(2-Ethylhexyl)Phthalate	34.15	1452	701410	238.42	UG	92
64)	*PERYLENE-d12	37.52	1617	104822	40.00	UG	100
65)	Di-n-Octyl Phthalate	35.90	1538	122217	27.85	UG	100
72)	* 1,4 Dichlorobenzene(IS)	11.61	342	144463	40.00	UG	96
73)	Phenol-d5(Surr)	11.08	316	181479	63.04	UG	70
74)	2-Fluorophenol(Surr)	8.44	186	138982	59.14	UG	73
75)	*Naphthalene-d8 (IS)	15.34	526	547434	40.00	UG	95
76)	Nitrobenzene-d5 (Surr)	13.31	426	154729	61.30	UG	83
77)	*Acenaphthene-d10 (IS)	20.80	795	255254	40.00	UG	98
78)	2-Fluorobiphenyl (Surr)	18.88	700	296662	69.53	UG	98
79)	2,4,6-Tribromophenol(Surr)	23.26	916	53635	116.47	UG	93
80)	*Chrysene-d12 (IS)	33.42	1416	239607	40.00	UG	100
81)	Terphenyl-d14 (Surr)	30.39	1267	~~274446~~ 245239	~~156.36~~ 139.72	UG	99

(50)

* Compound is ISTD

TOTAL ION CHROMATOGRAM



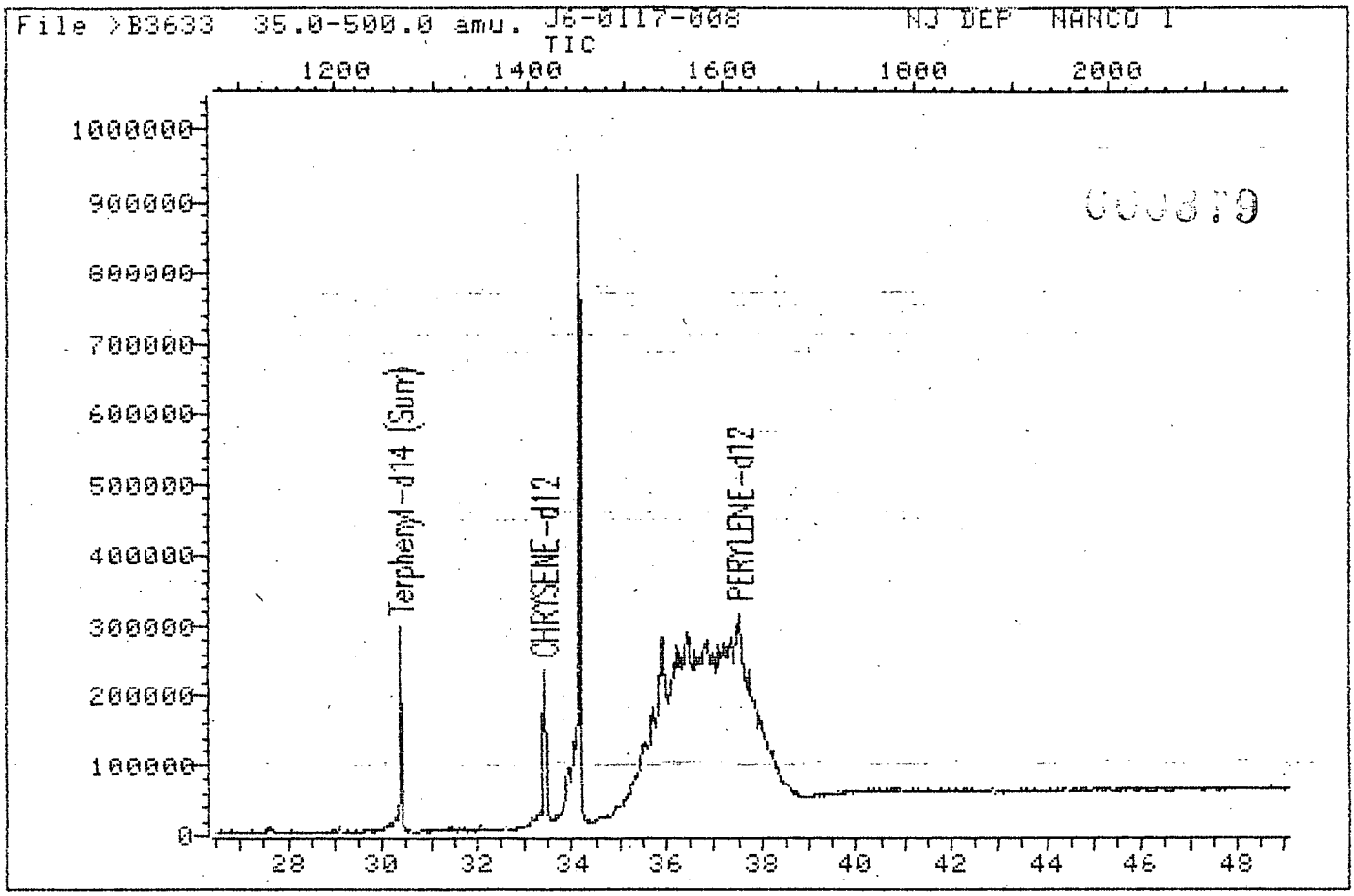
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15

Id File: IDEPA1:PK:NA
Title: IDEPA BNA
Last Calibration: 861009 09:59

Operator ID: JAHANI
Quant Time: 861009 10:13
Injected at: 861009 01:31

TIC page 1 of 2

TOTAL ION CHROMATOGRAM



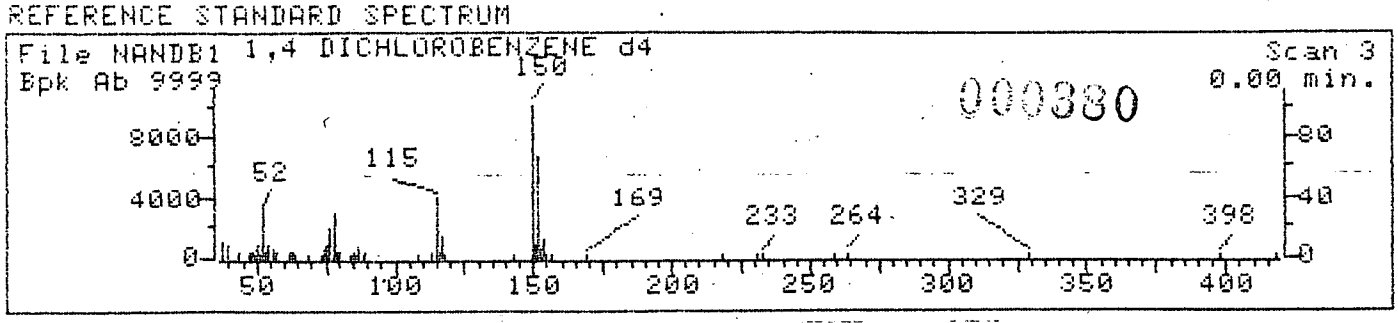
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15

Id File: IDEPA1:PK:NA
Title: IDEPA BNA
Last Calibration: 861009 09:59

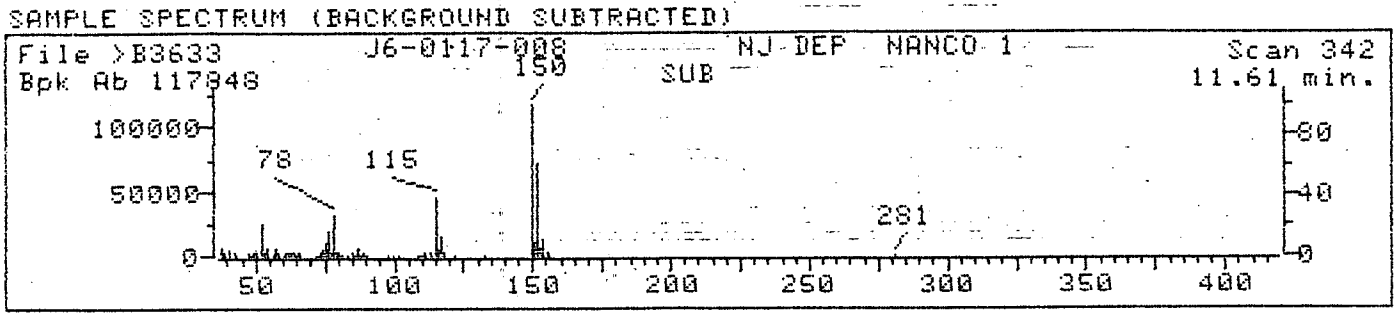
Operator ID: JAHANI
Quant Time: 861009 10:13
Injected at: 861009 01:31

TIC page 2 of 2

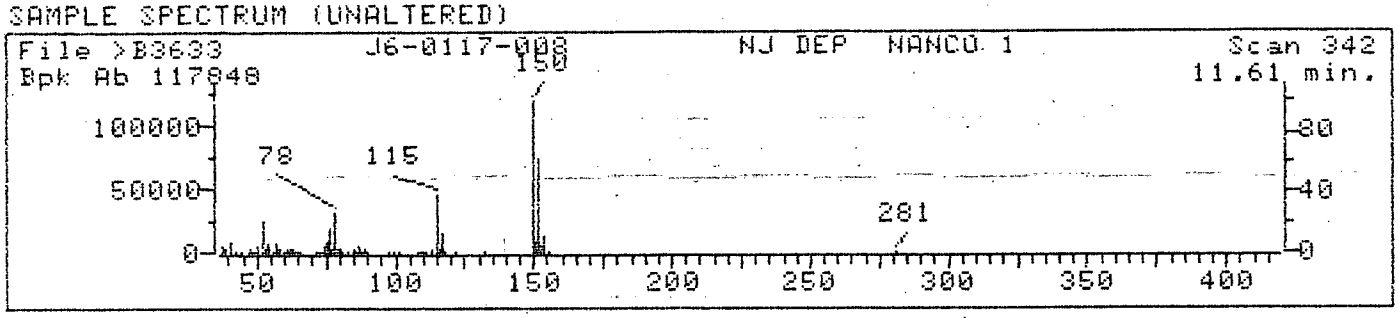
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



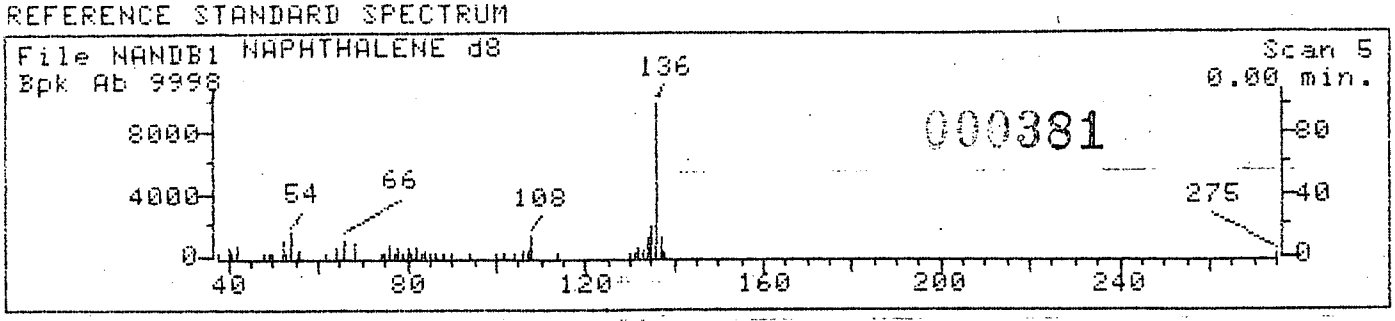
SAMPLE SPECTRUM (UNALTERED)



Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

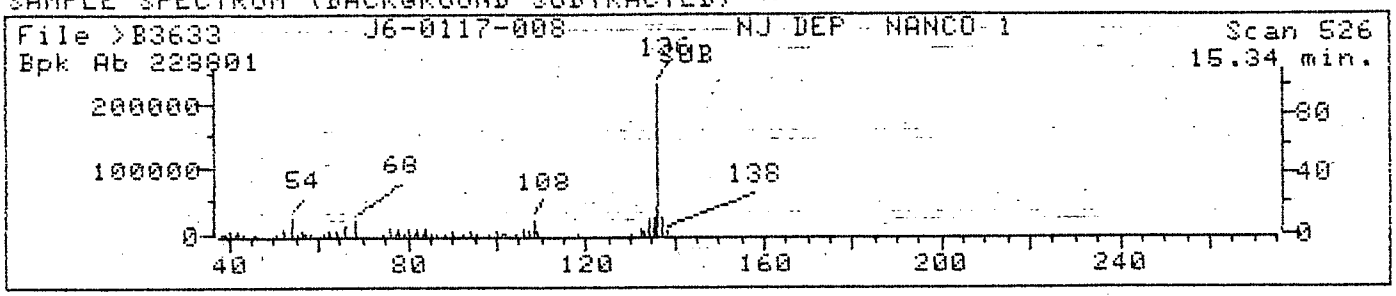
Compound No: 1 (ISTD)
Compound Name: 1,4-DICHLOROBENZENE-d4
Scan Number: 342
Retention Time: 11.61 min.
Area: 144463
Concentration: 40.00 UG
q-value: 96

REFERENCE STANDARD SPECTRUM



000381

SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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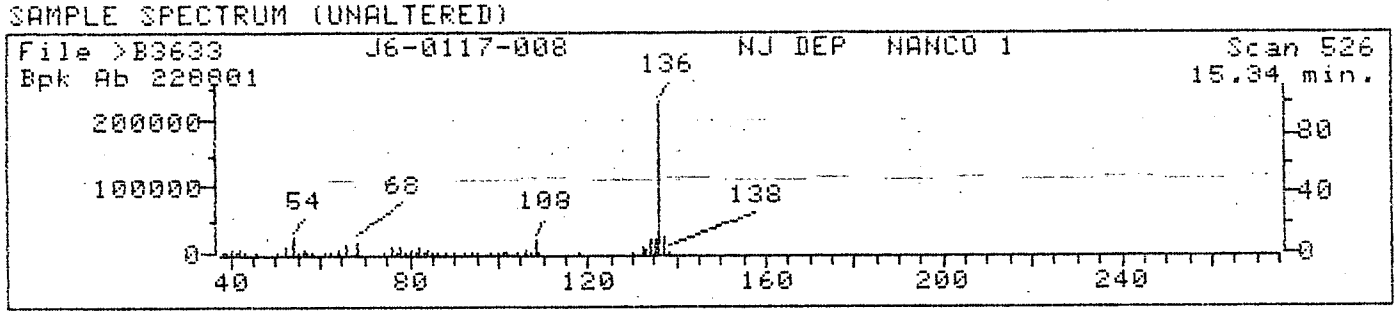
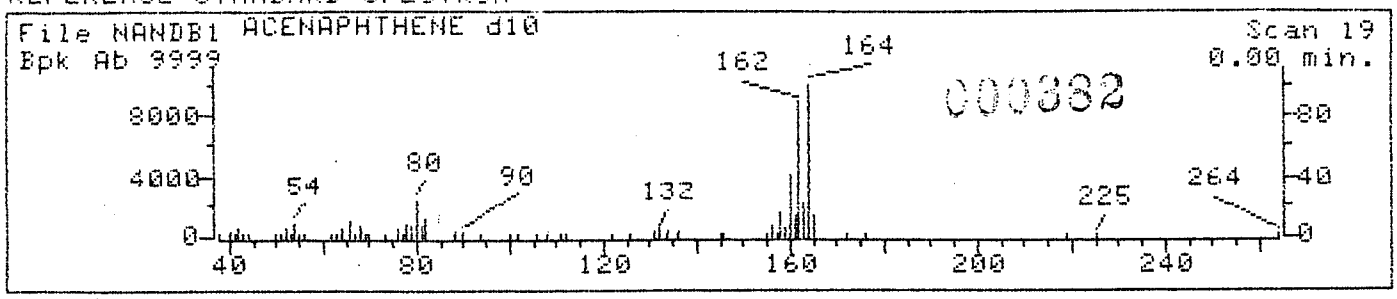


Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 14 (ISTD)
Compound Name: NAPHTHALENE-d8
Scan Number: 526
Retention Time: 15.34 min.
Area: 547434
Concentration: 40.00 UG
q-value: 100

REFERENCE STANDARD SPECTRUM



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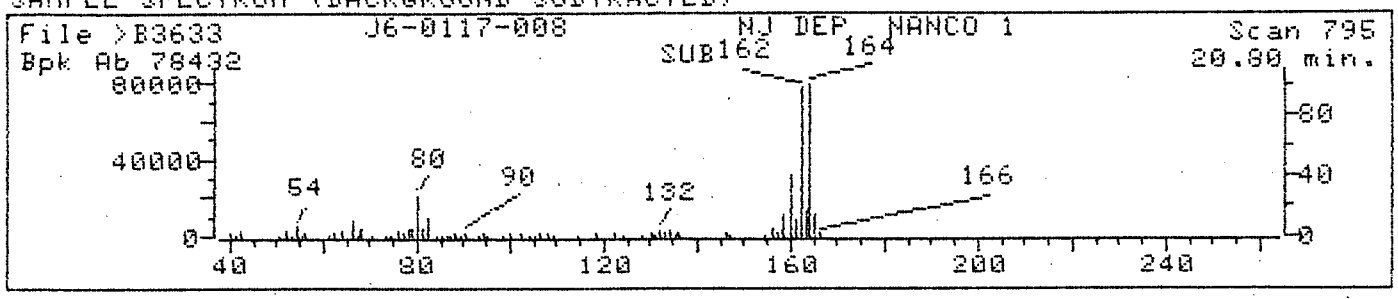

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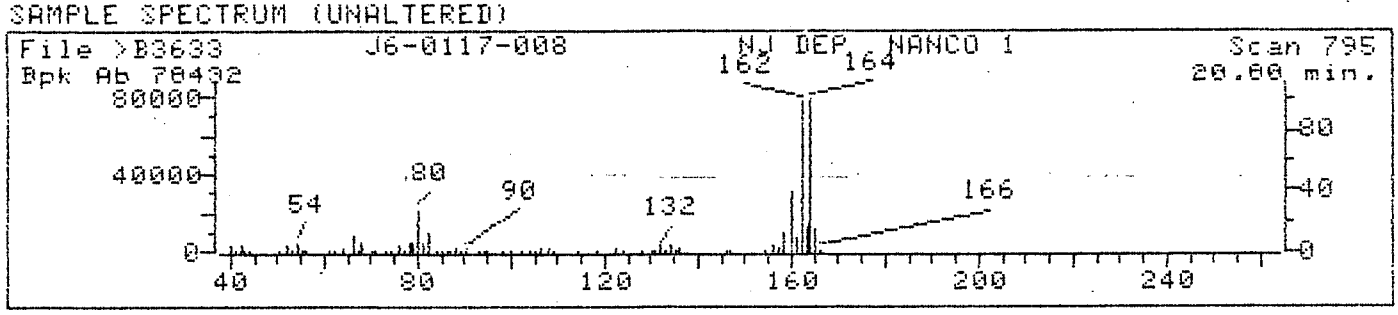
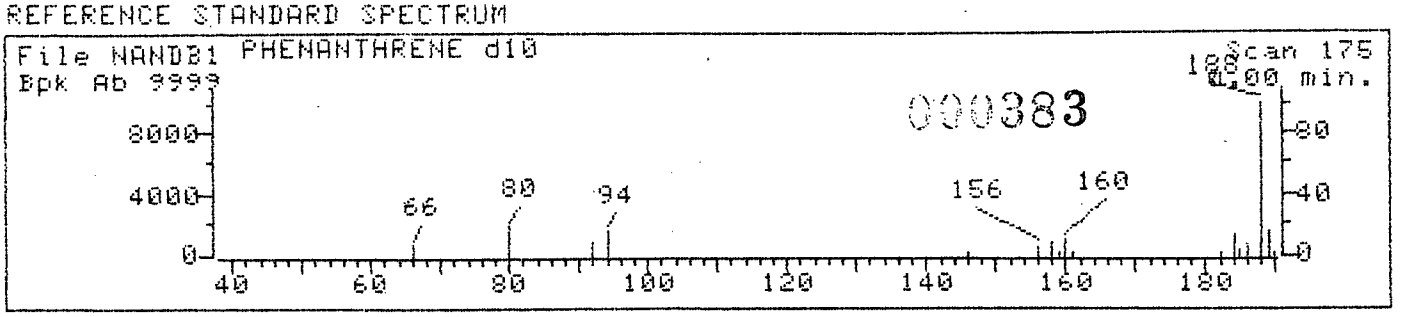


Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 28 (ISTD)
Compound Name: ACENAPHTHENE-d10
Scan Number: 795
Retention Time: 20.80 min.
Area: 255254
Concentration: 40.00 UG
q-value: 98

REFERENCE STANDARD SPECTRUM



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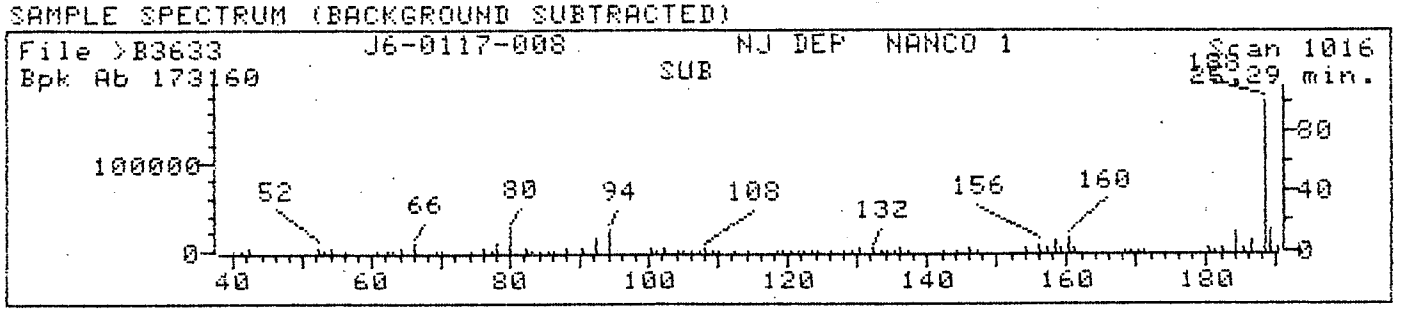

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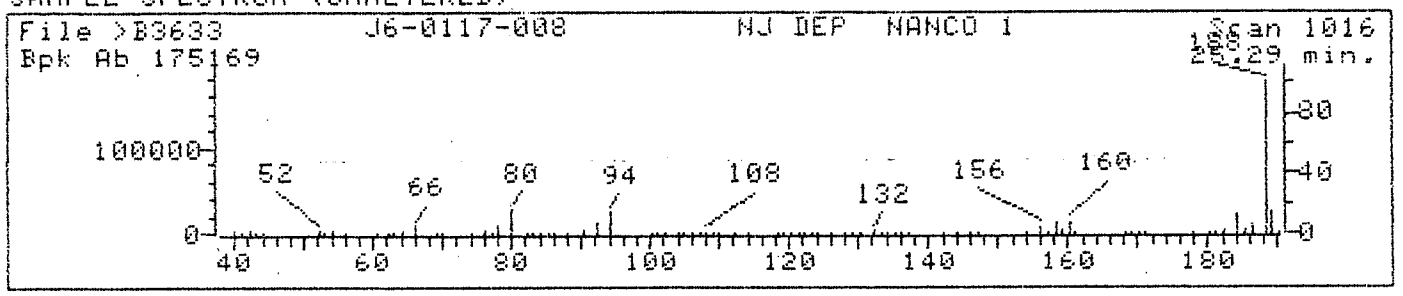
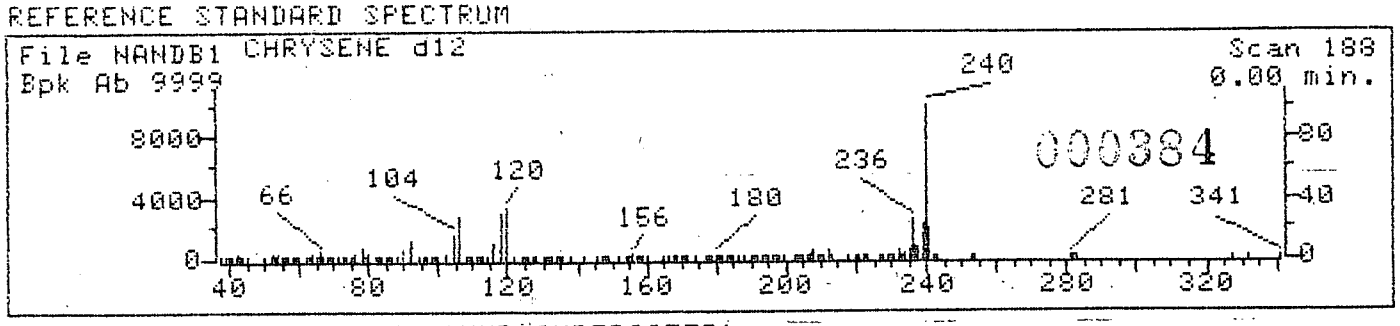


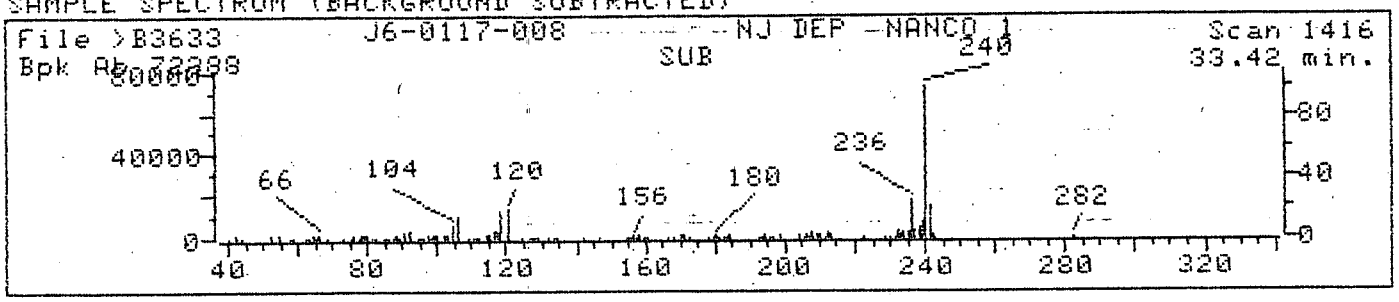
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 47 (ISTD)
Compound Name: PHENANTHRENE-d10
Scan Number: 1016
Retention Time: 25.29 min.
Area: 423174
Concentration: 40.00 UG
q-value: 94

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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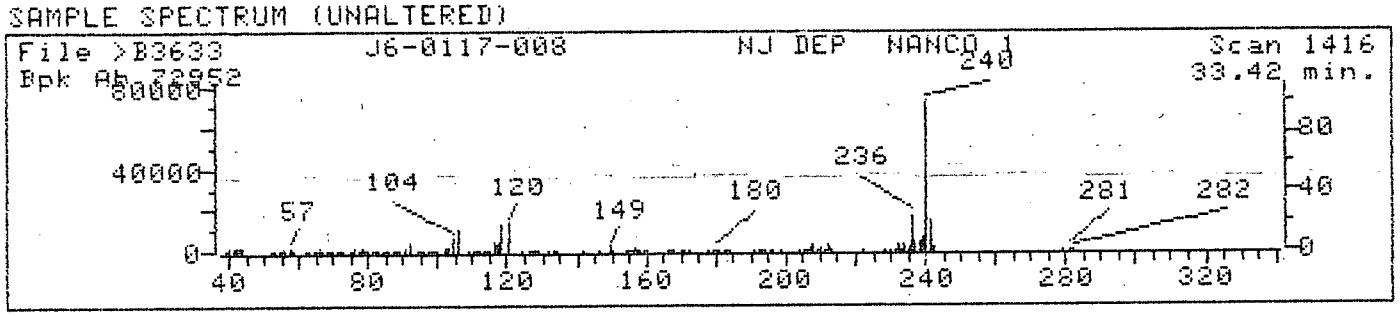
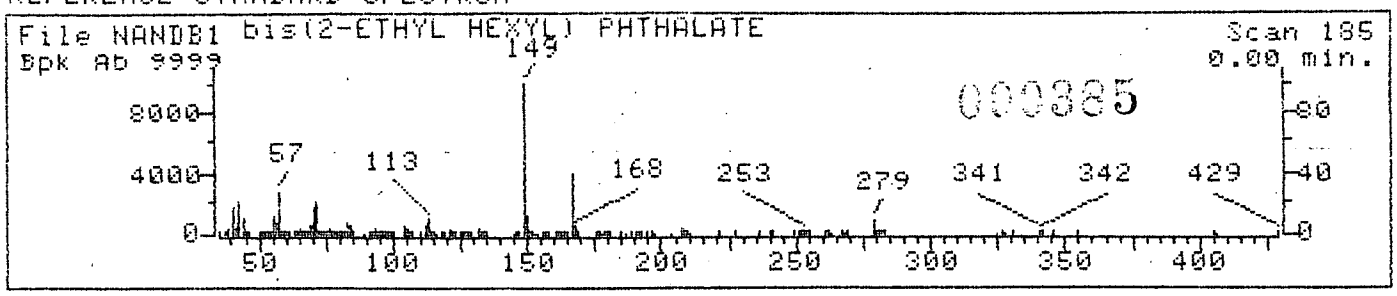


Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 57 (ISTD)
Compound Name: CHRYSENE-d12
Scan Number: 1416
Retention Time: 33.42 min.
Area: 238349
Concentration: 40.00 UG
q-value: 100

REFERENCE STANDARD SPECTRUM



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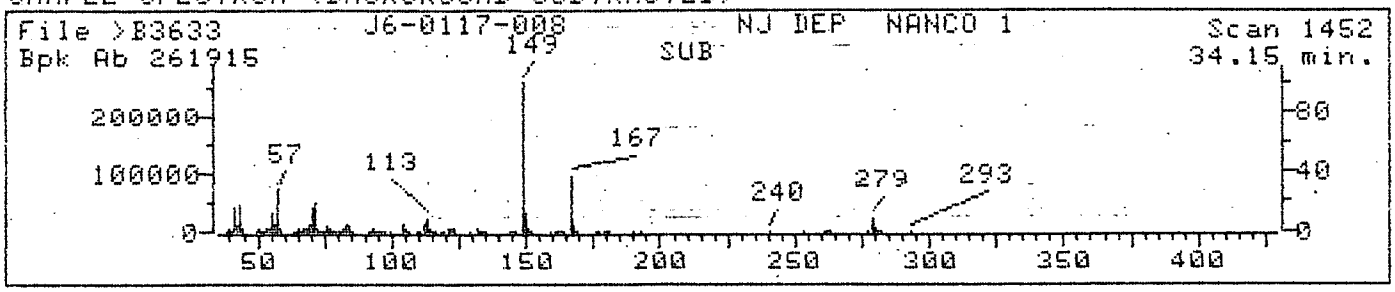

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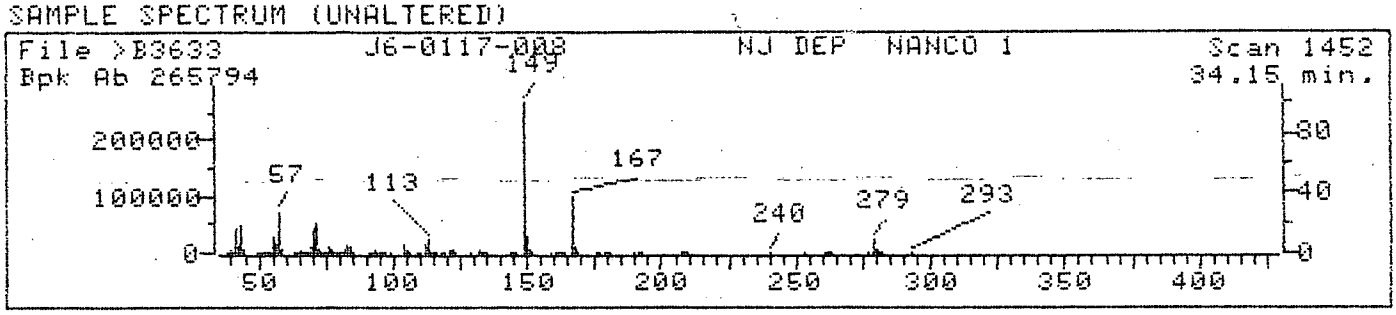
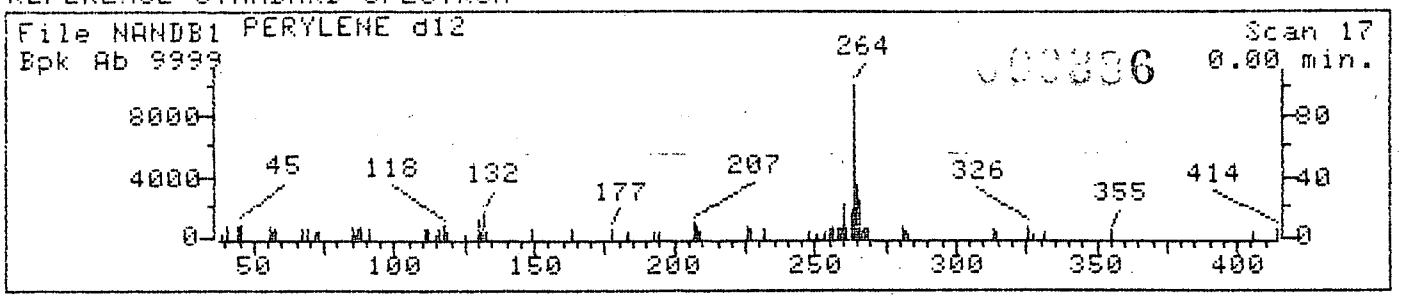


Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

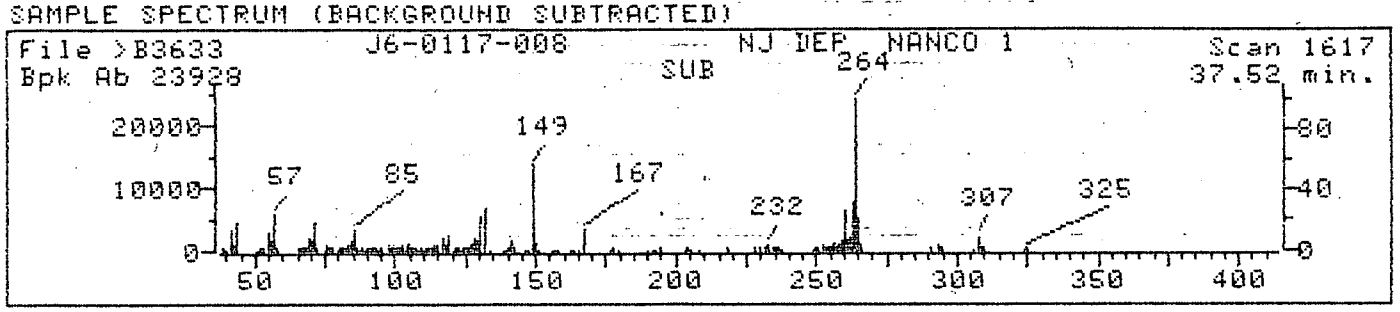
Compound No: 62
Compound Name: bis(2-Ethylhexyl)Phthalate
Scan Number: 1452
Retention Time: 34.15 min.
Area: 701410
Concentration: 238.42 UG
q-value: 92

✓ 56

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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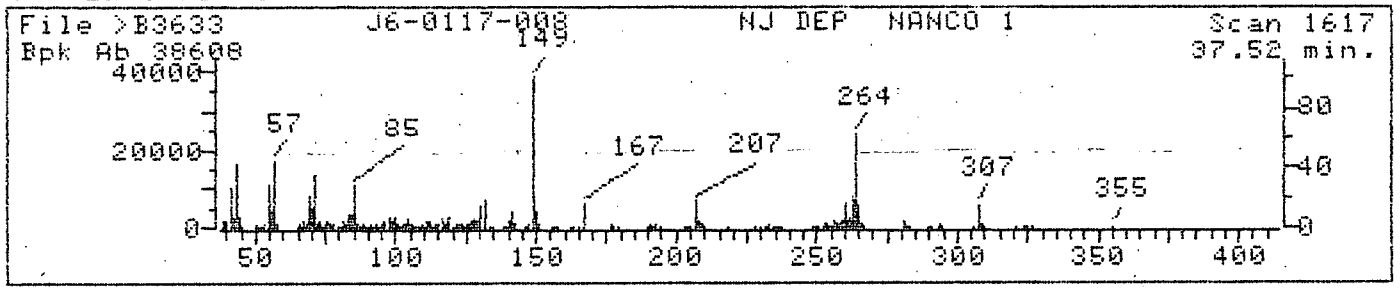
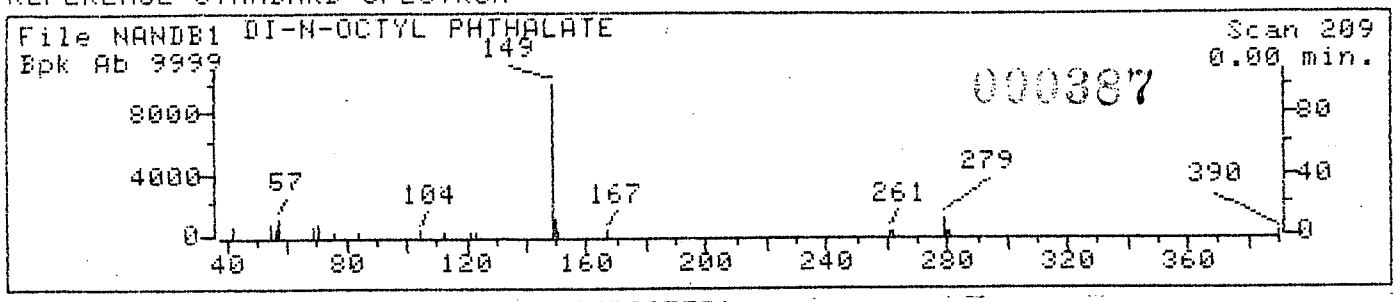


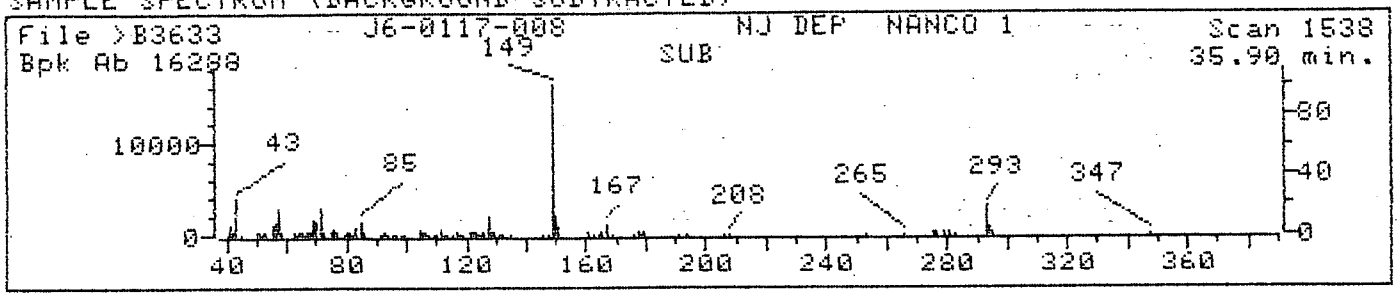
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 64 (ISTD)
Compound Name: PERYLENE-d12
Scan Number: 1617
Retention Time: 37.52 min.
Area: 104822
Concentration: 40.00 UG
q-value: 100

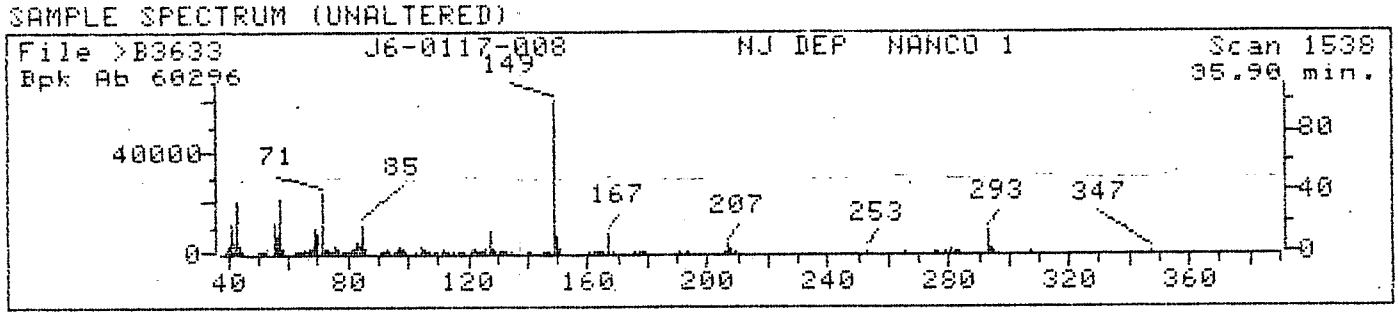
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

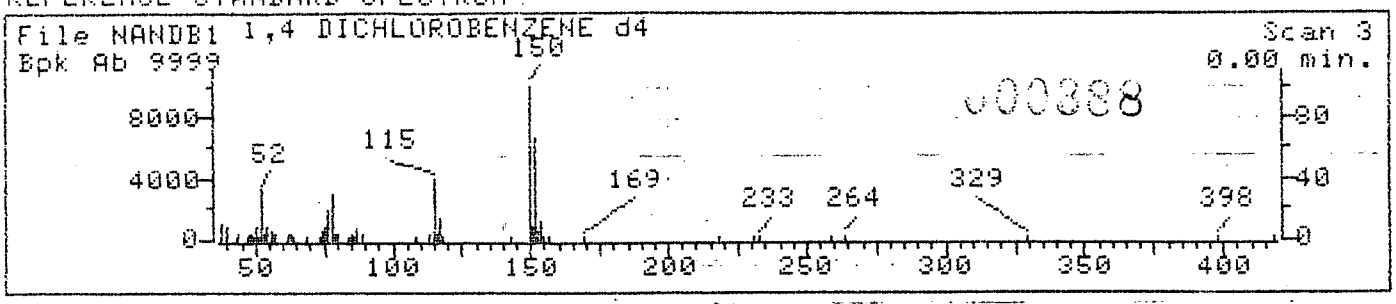


Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

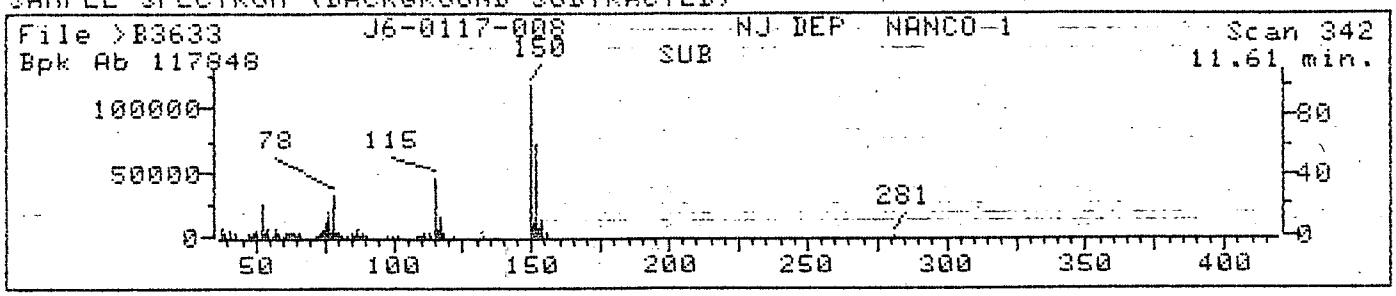
Compound No: 65
Compound Name: Di-n-Octyl Phthalate
Scan Number: 1538
Retention Time: 35.90 min.
Area: 122217
Concentration: 27.85 UG
q-value: 100

✓ 16

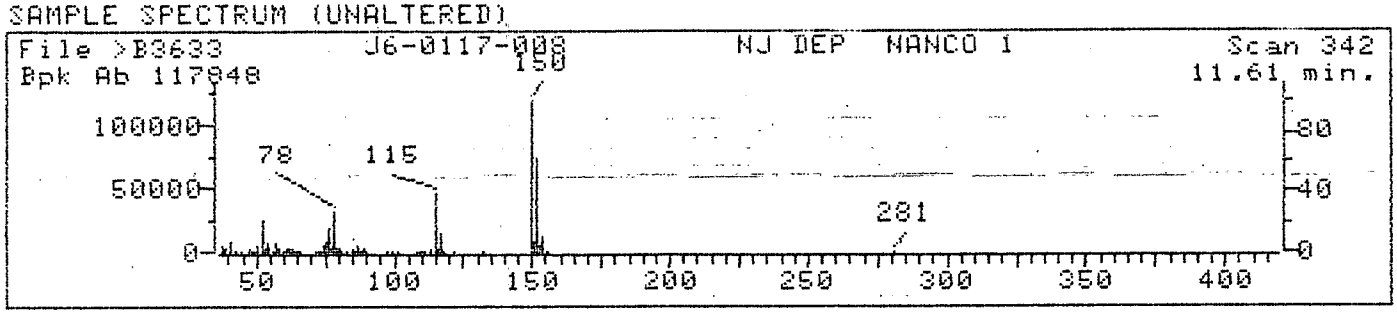
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



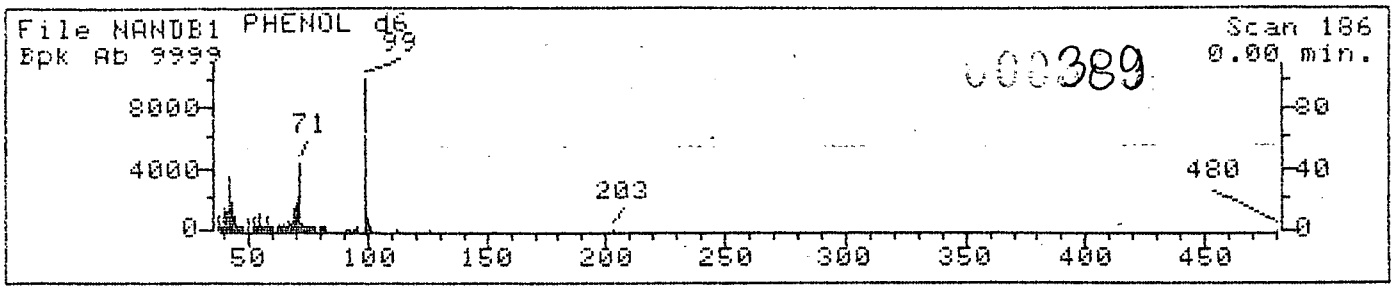
SAMPLE SPECTRUM (UNALTERED)



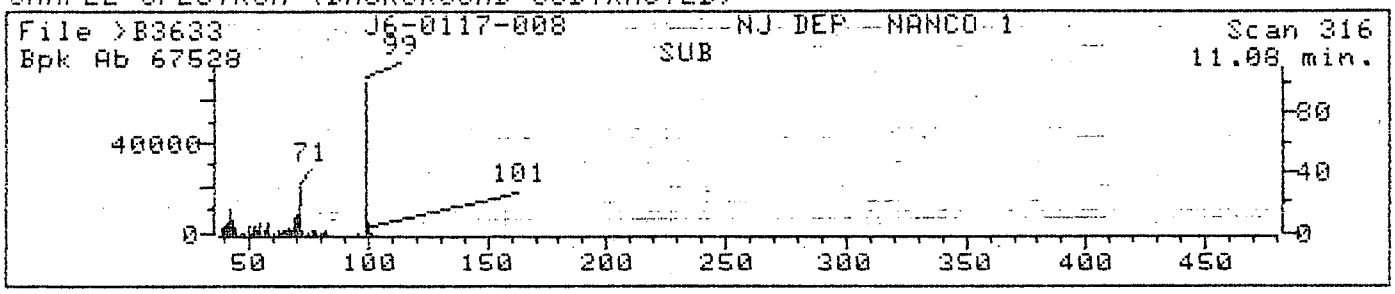
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 72 (ISTD)
Compound Name: 1,4 Dichlorobenzene(IS)
Scan Number: 342
Retention Time: 11.61 min.
Area: 144463
Concentration: 40.00 UG
q-value: 96

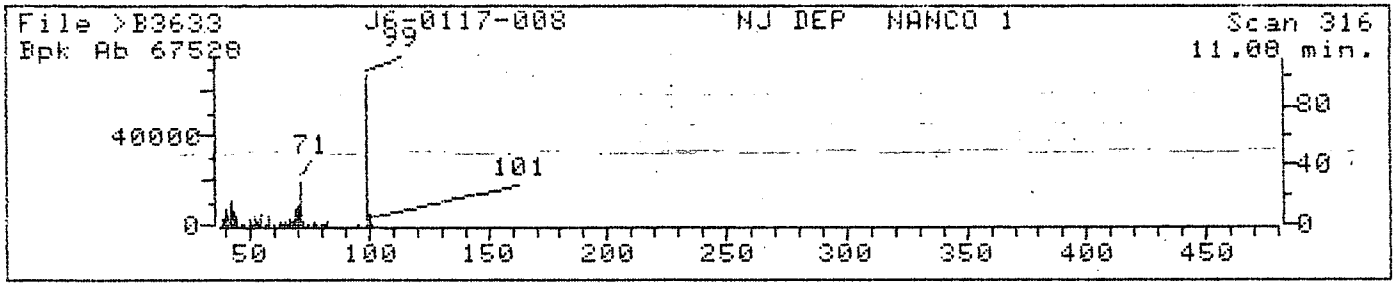
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



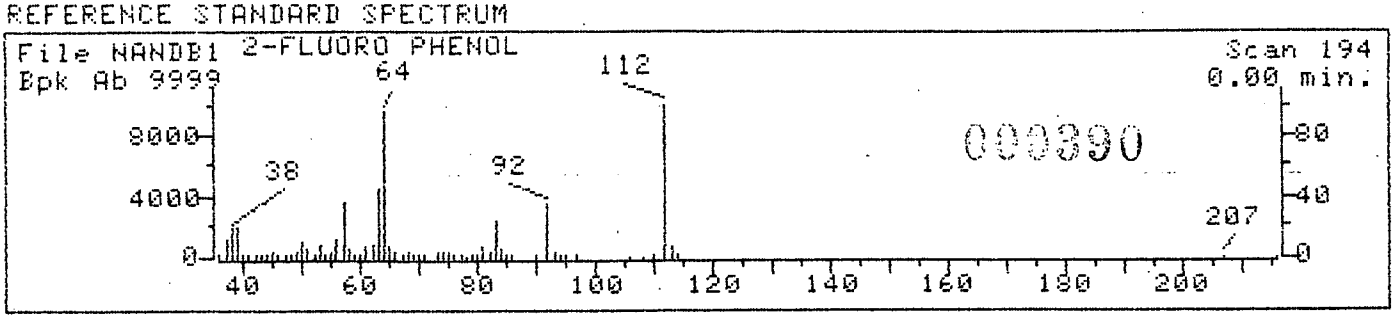
SAMPLE SPECTRUM (UNALTERED)



Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 73
Compound Name: Phenol-d5(Surr)
Scan Number: 316
Retention Time: 11.08 min.
Area: 181479
Concentration: 63.04 UG
q-value: 70

REFERENCE STANDARD SPECTRUM



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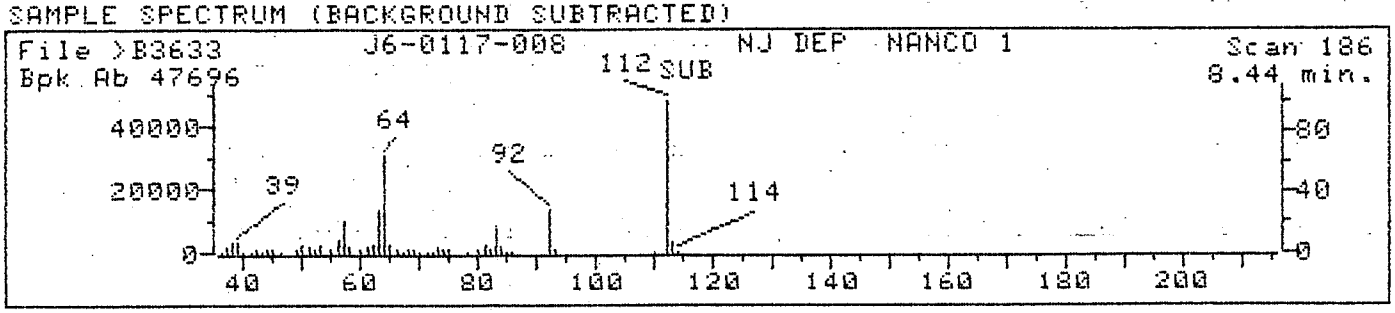
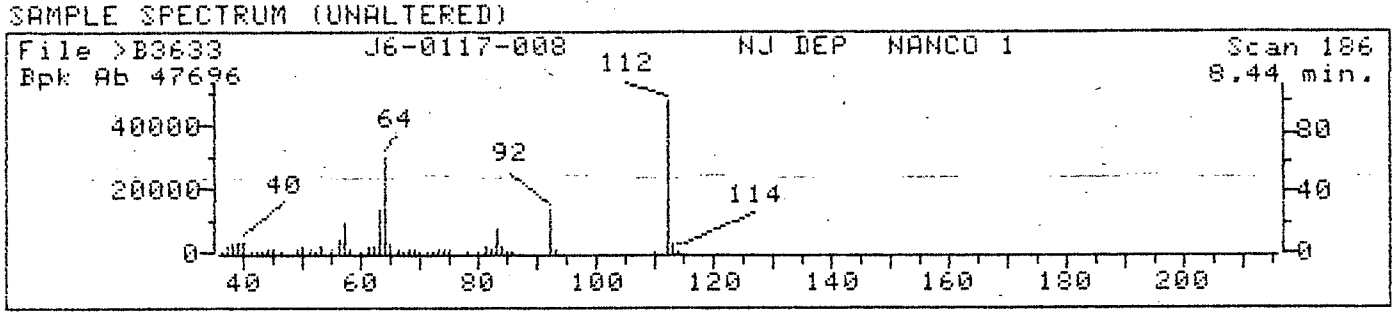


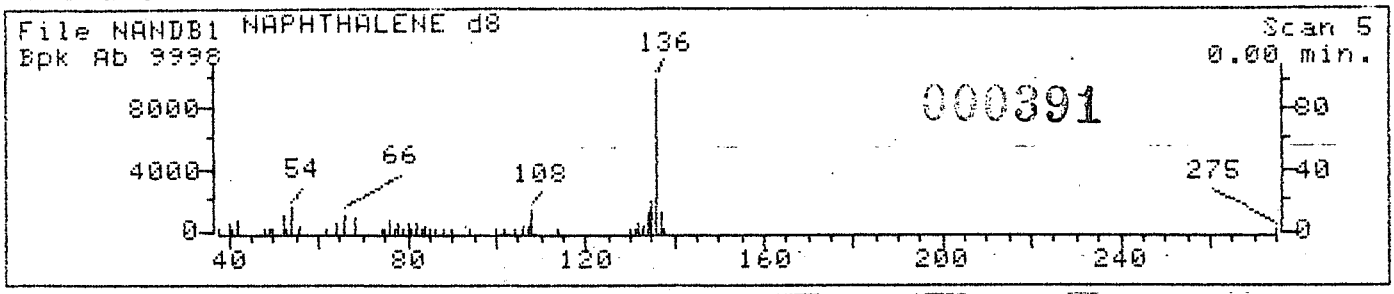
SAMPLE SPECTRUM (UNALTERED)



Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 74
Compound Name: 2-Fluorophenol(Surr)
Scan Number: 186
Retention Time: 8.44 min.
Area: 138982
Concentration: 59.14 UG
q-value: 73

REFERENCE STANDARD SPECTRUM



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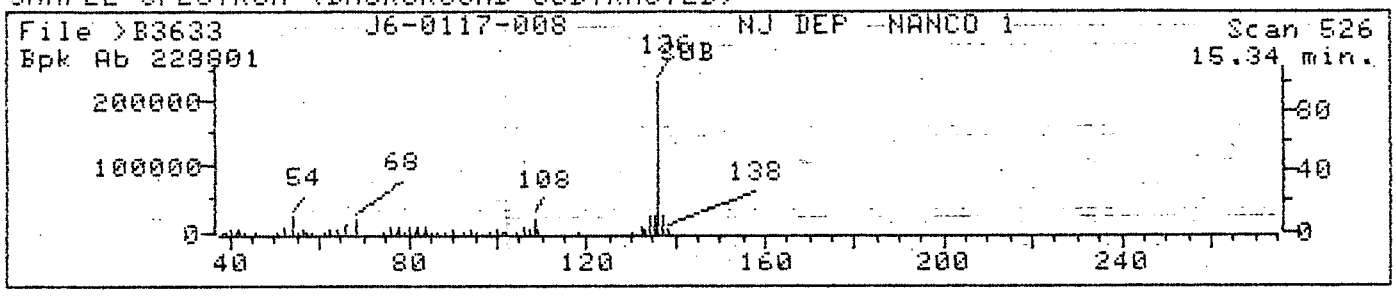

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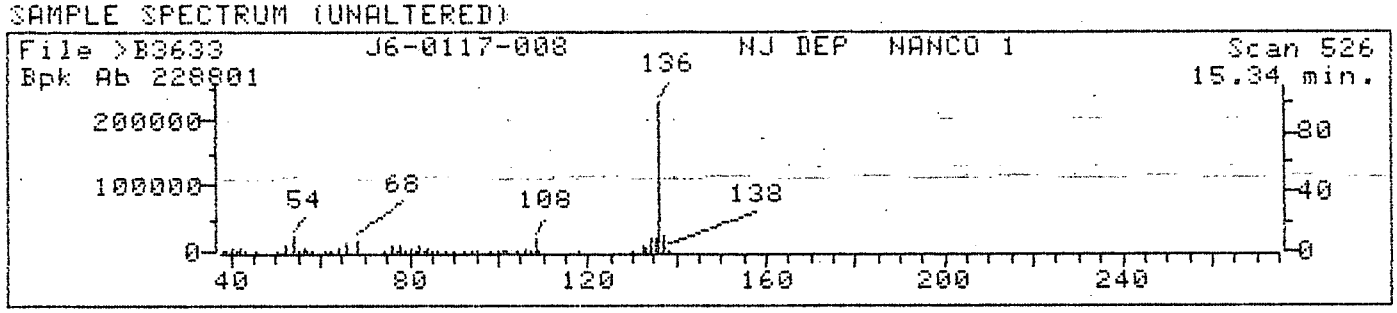
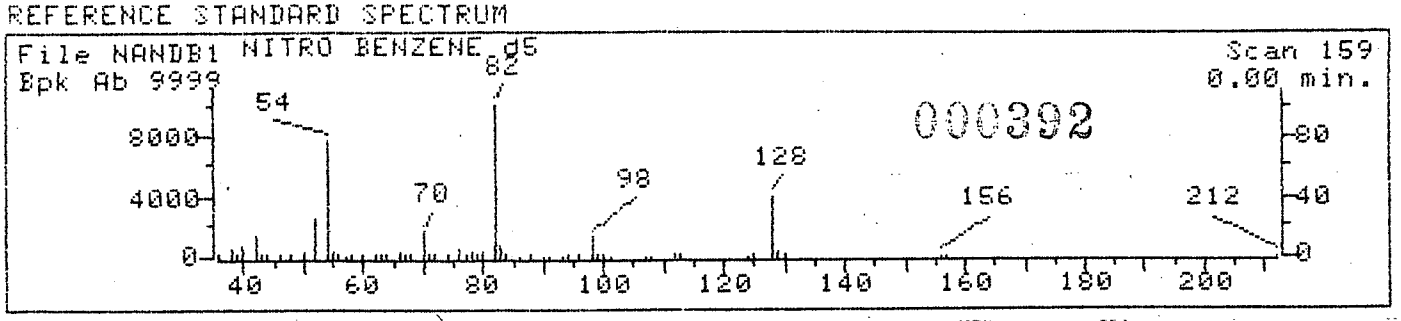


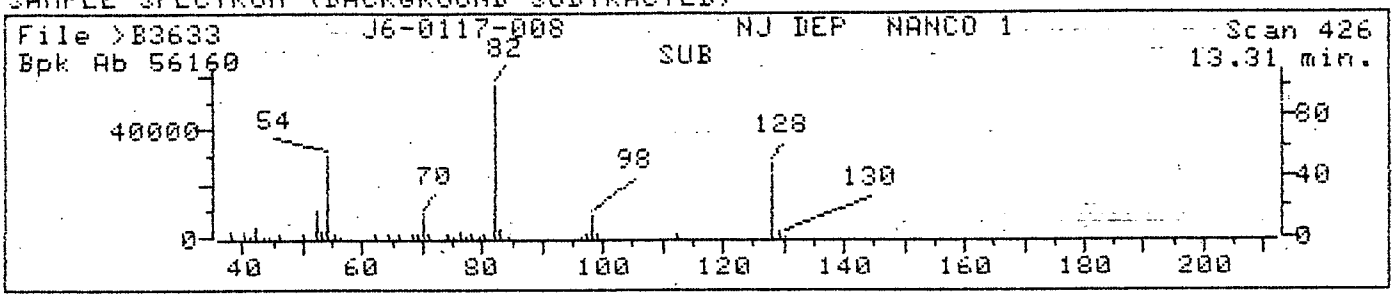
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 75 (ISTD)
Compound Name: Naphthalene-d8 (IS)
Scan Number: 526
Retention Time: 15.34 min.
Area: 547434
Concentration: 40.00 UG
q-value: 95

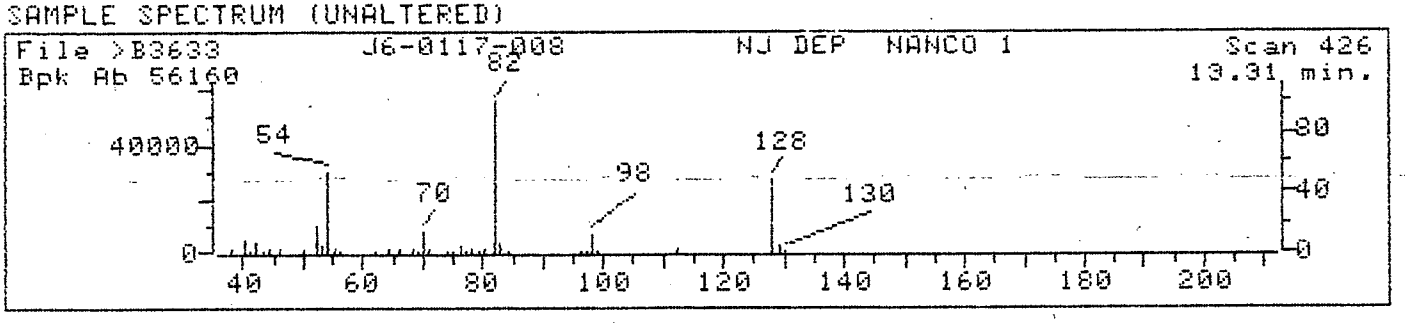
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



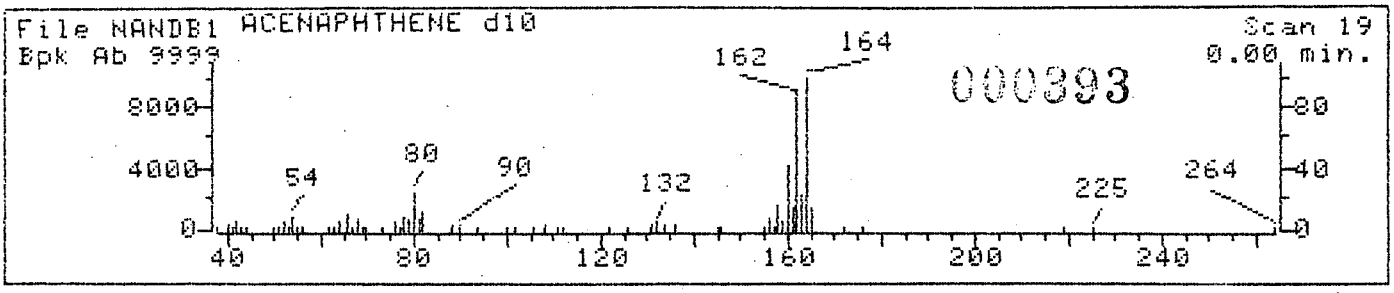
SAMPLE SPECTRUM (UNALTERED)



Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 76
Compound Name: Nitrobenzene-d5 (Surr)
Scan Number: 426
Retention Time: 13.31 min.
Area: 154729
Concentration: 61.30 UG
q-value: 83

REFERENCE STANDARD SPECTRUM



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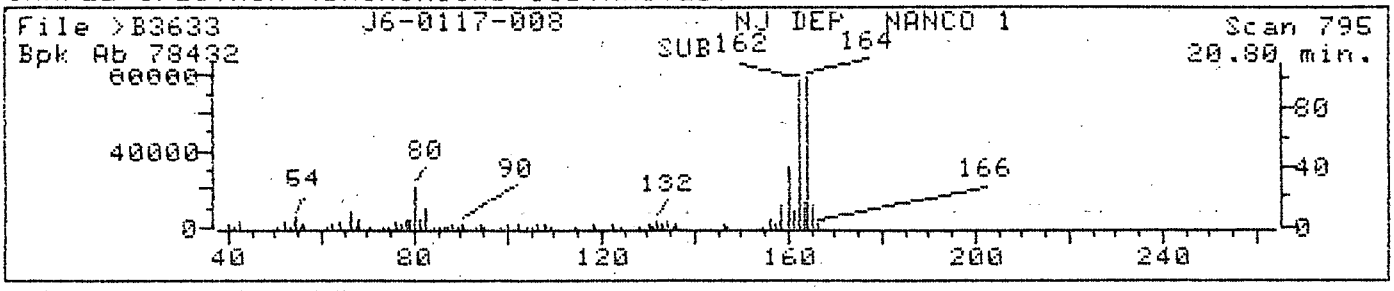
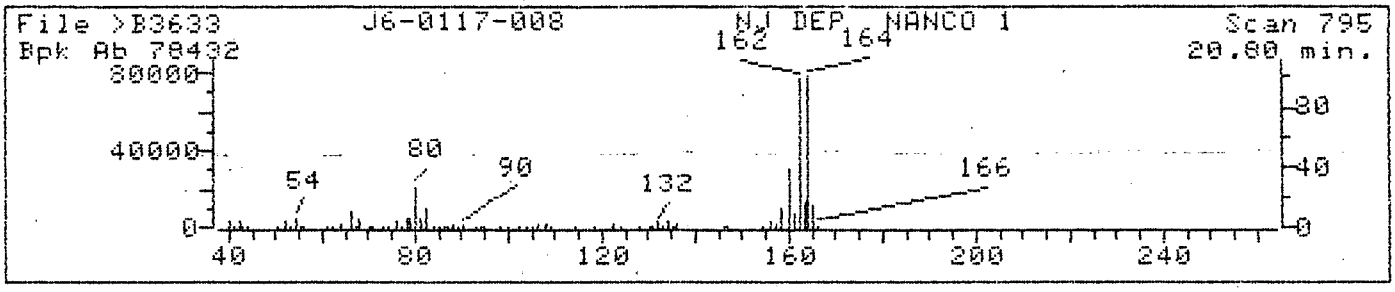


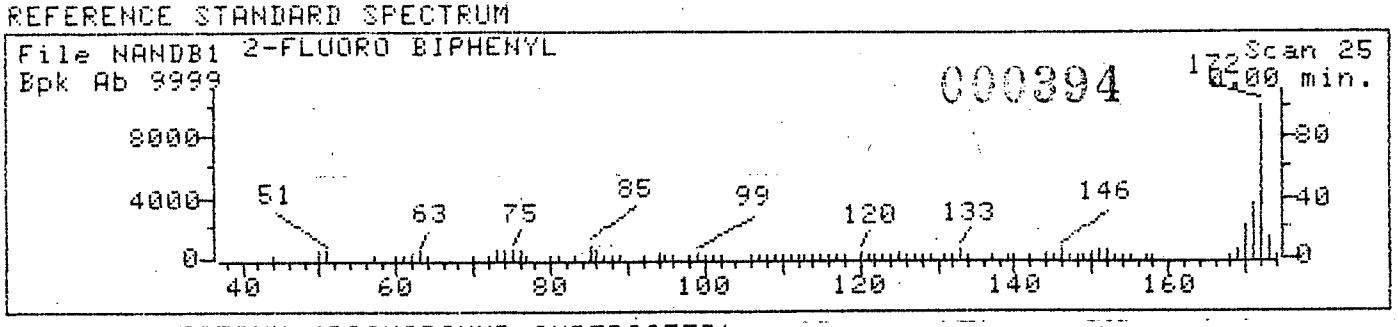
SAMPLE SPECTRUM (UNALTERED)



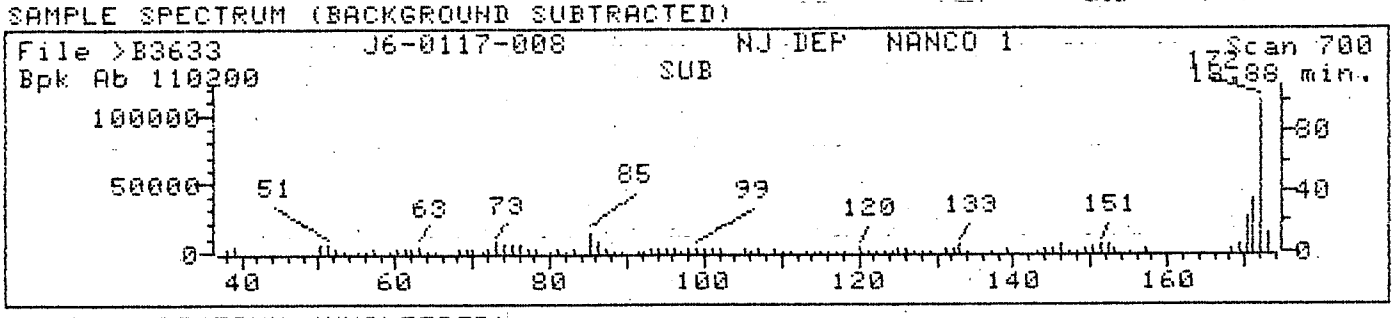
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 77 (ISTD)
Compound Name: Acenaphthene-d10 (IS)
Scan Number: 795
Retention Time: 20.80 min.
Area: 255254
Concentration: 40.00 UG
q-value: 98

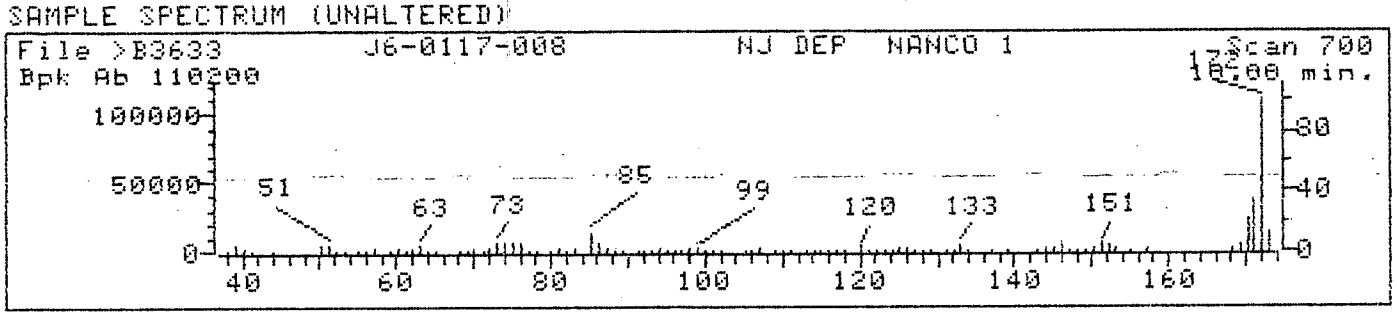
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



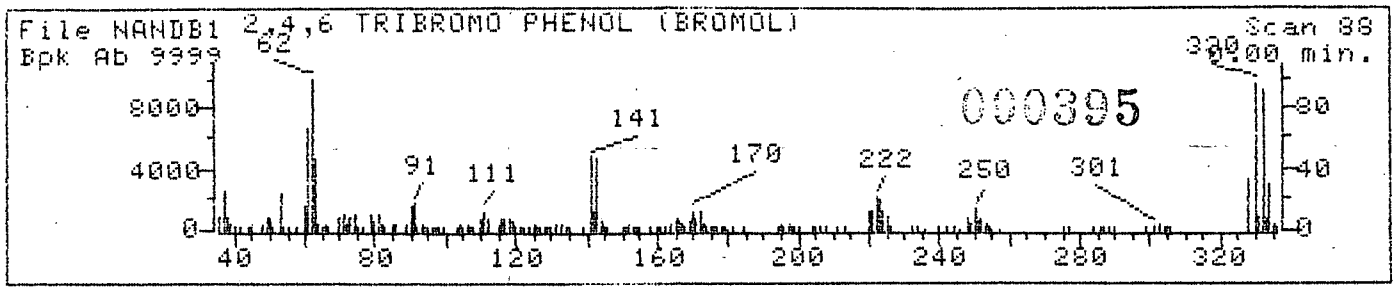
SAMPLE SPECTRUM (UNALTERED)



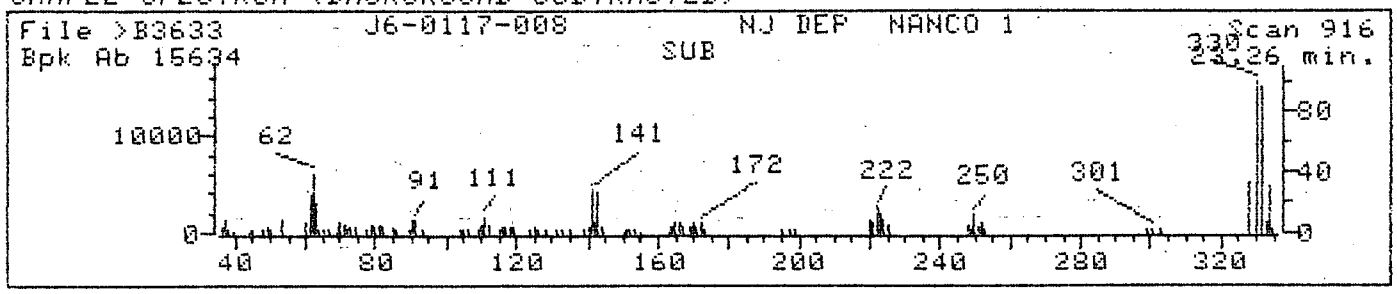
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 78
Compound Name: 2-Fluorobiphenyl (Surr)
Scan Number: 700
Retention Time: 18.88 min.
Area: 296662
Concentration: 69.53 UG
q-value: 98

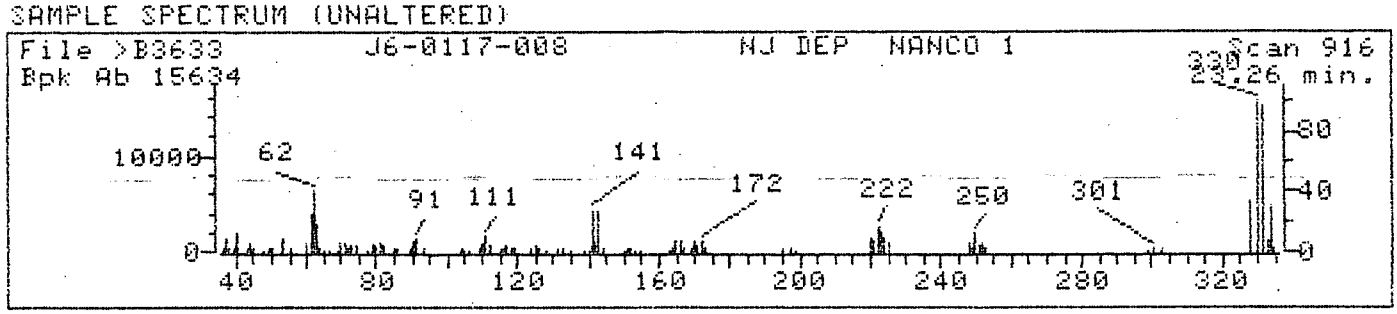
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



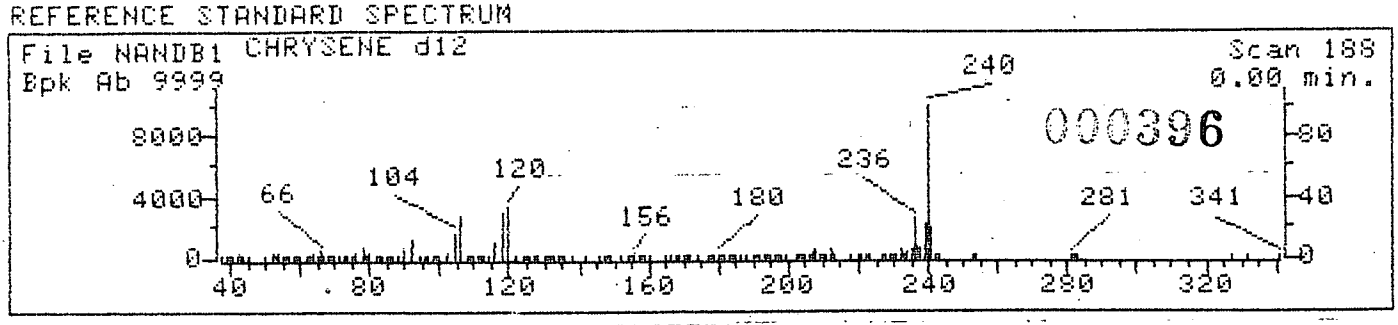
SAMPLE SPECTRUM (UNALTERED)



Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

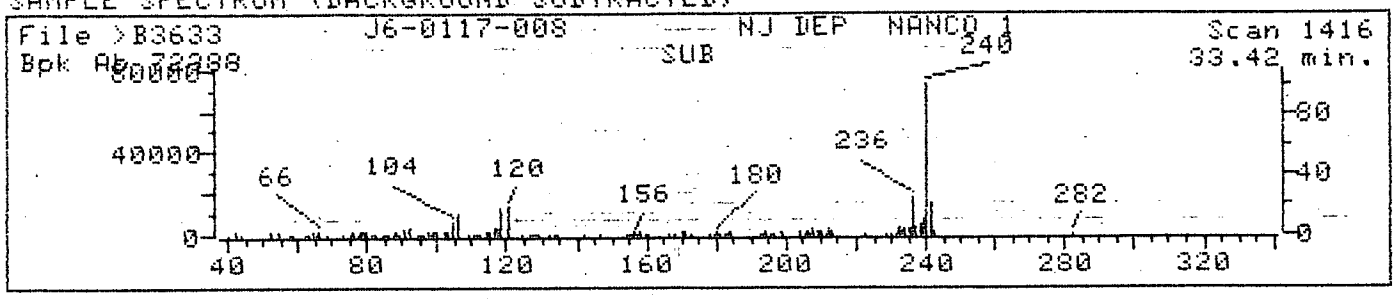
Compound No: 79
Compound Name: 2,4,6-Tribromophenol(Surr)
Scan Number: 916
Retention Time: 23.26 min.
Area: 53635
Concentration: 116.47 UG
q-value: 93

REFERENCE STANDARD SPECTRUM

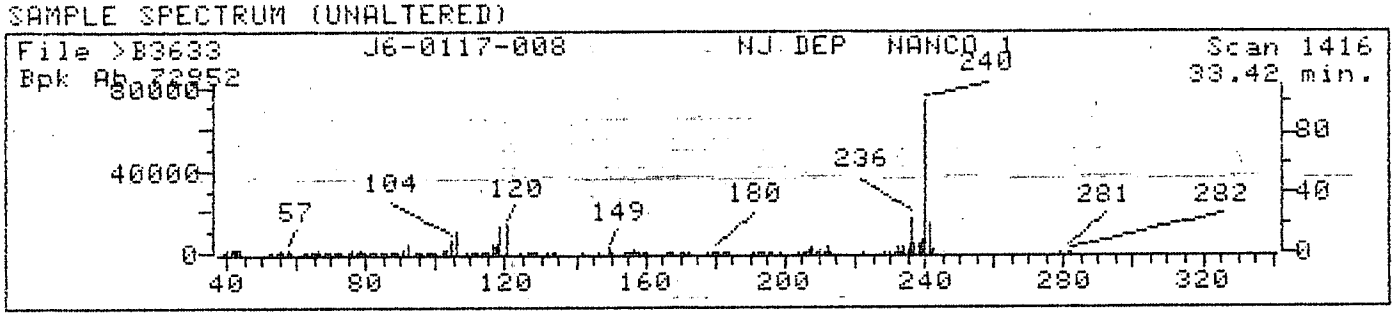


000396

SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



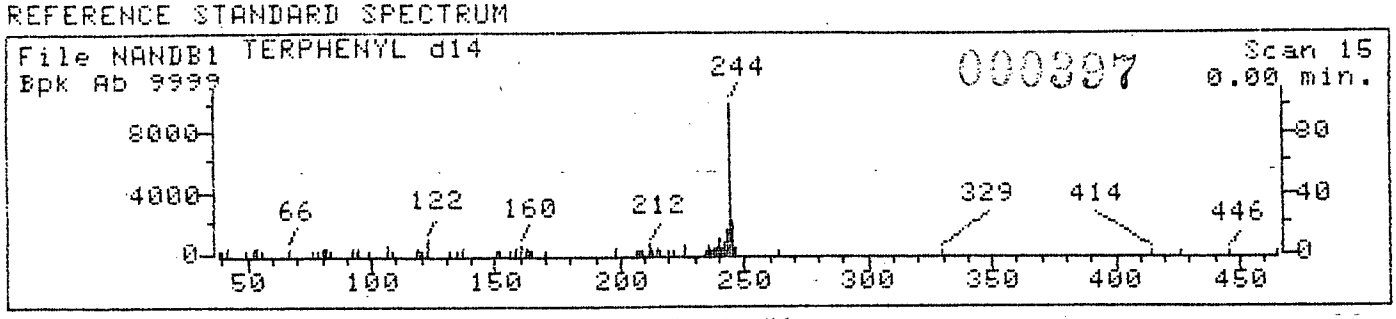
SAMPLE SPECTRUM (UNALTERED)



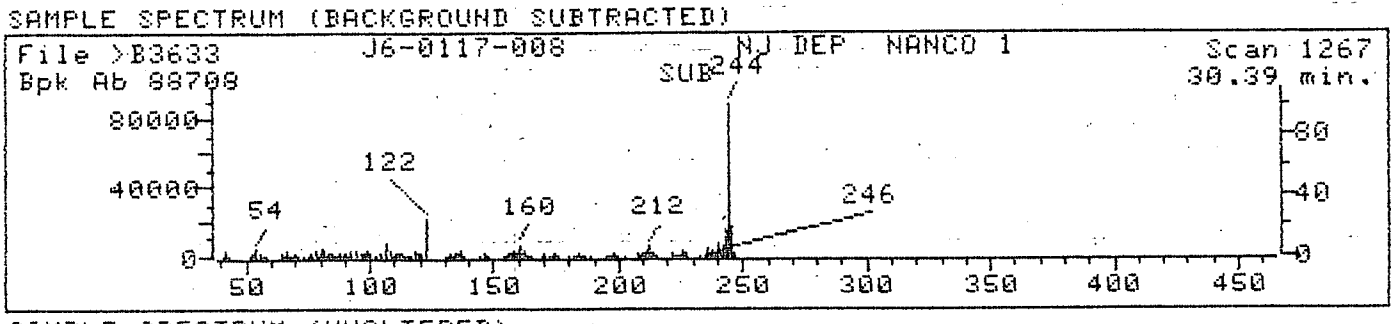
Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 80 (ISTD)
Compound Name: Chrysene-d12 (IS)
Scan Number: 1416
Retention Time: 33.42 min.
Area: 239607
Concentration: 40.00 UG
q-value: 100

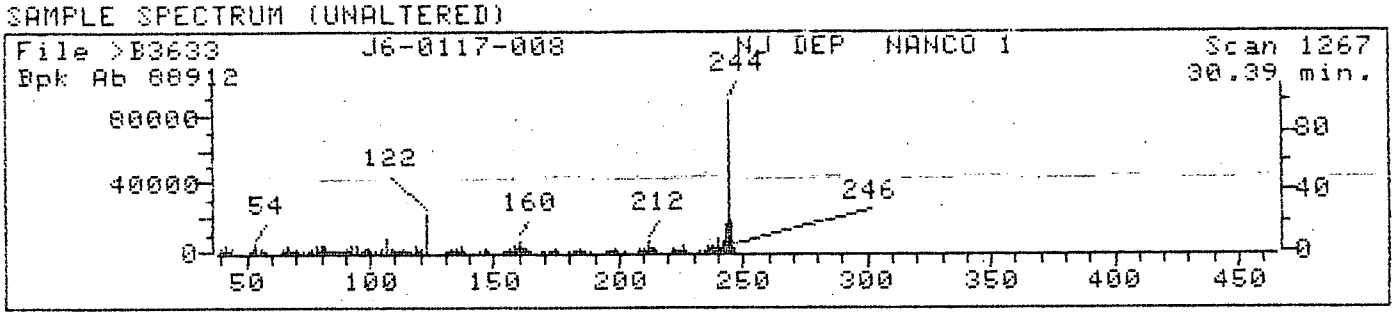
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >B3633::D1
Name: J6-0117-008
Misc: NJ DEP NANCO 1 BTL#15
Quant Time: 861009 10:13
Injected at: 861009 01:31

Compound No: 81
Compound Name: Terphenyl-d14 (Surr)
Scan Number: 1267
Retention Time: 30.39 min.
Area: ~~274446~~ 245239
Concentration: ~~156.36~~ UG (50)
q-value: 99 139.72

MS data file header from : >B3633

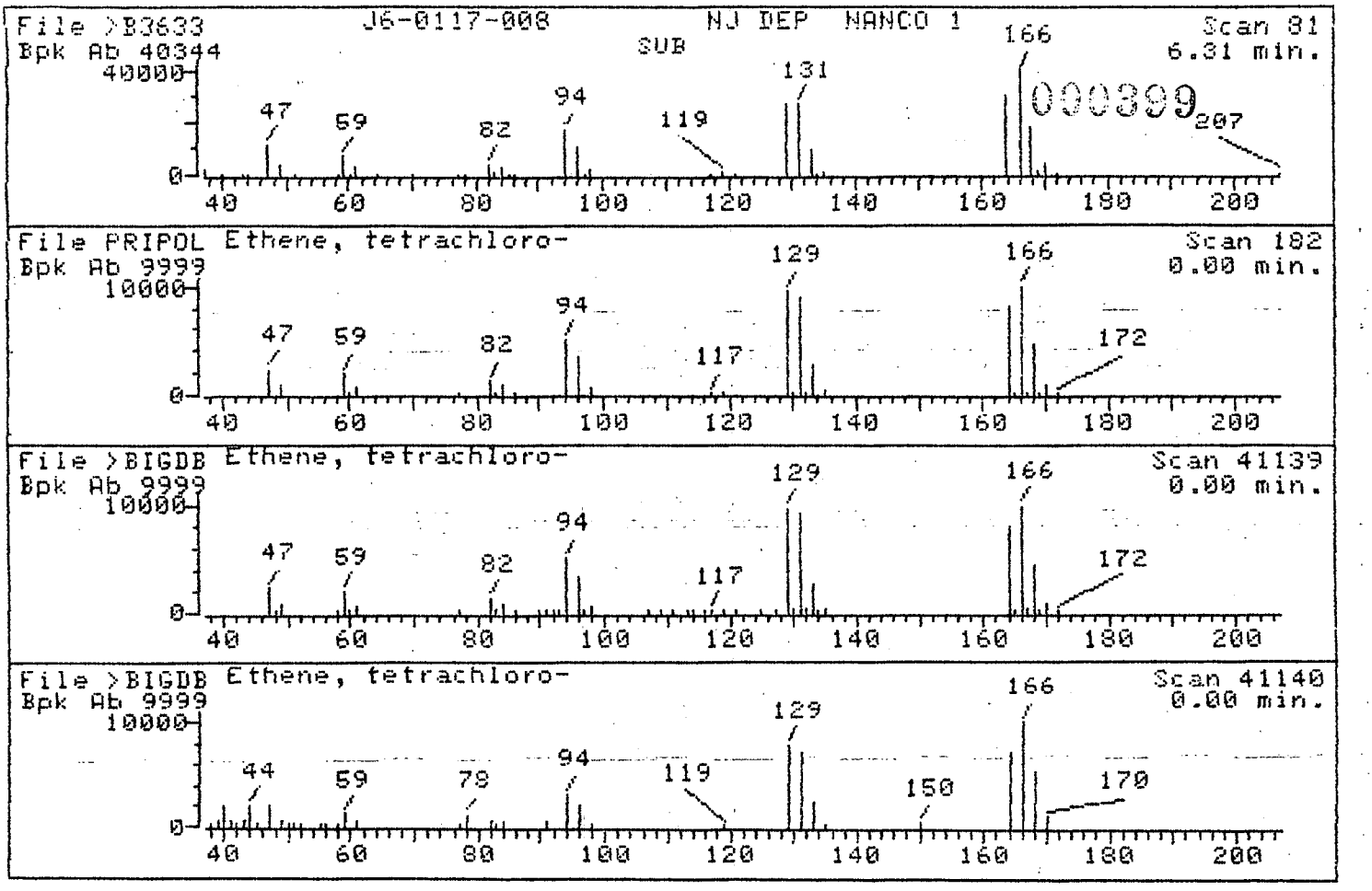
Sample: J6-0117-008 Operator: JAHANI MS 10/09/86 1:31
Misc : NJ DEP NANCO 1 BTL#15
Sys. #: 1 MS model: 96 SW/HW rev.: IA ALS # : 0
Method file: METH01 Tuning file: MT7986 No. of extra records: 1
Source temp.: 200 Analyzer temp.: 220 Transfer line temp. : 280

Chromatographic temperatures :	30.	310.	0.	0.	0.
Chromatographic times, min. :	4.0	10.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	8.0	0.0	0.0	0.0	0.0

>B3633 J6-0117-008 NJ DEP NANCO 1 000398
35.01 500.0 TIC

Peak #	R.T. min.	first scan	max scan	last scan	peak height	raw area	corr. area	corr. % max.	% of total
1	6.312	78	81	92	219395	687589	579350	20.79	3.255
SR 2	8.443	183	186	195	165236	516329	439274	15.76	2.468
SR 3	11.081	314	316	326	165032	495483	426857	15.32	2.398
IS 4	11.609	339	342	345	435605	904951	864303	31.02	4.856
SR 5	13.314	423	426	435	169828	528893	466768	16.75	2.622
IS 6	15.344	523	526	529	471237	1215360	1183867	42.48	6.651
SR 7	18.876	693	700	703	338233	924817	881648	31.64	4.953
IS 8	20.825	787	796	799	341298	1164799	1108183	39.77	6.226
SR 9	23.282	902	917	926	160849	730371	599515	21.51	3.368
10	25.191	995	1011	1012	26670	342121	241474	8.67	1.357
IS 11	25.293	1012	1016	1019	400494	1114535	1023457	36.73	5.750
SR 12	30.391	1263	1267	1270	290742	898502	826855	29.67	4.645
13	33.175	1392	1404	1407	13947	330980	143974	5.17	.809
IS 14	33.419	1413	1416	1423	218700	1022513	777313	27.89	4.367
15	33.908	1432	1440	1443	66139	828046	466374	16.74	2.620
16	34.030	1443	1446	1447	104548	547634	396947	14.24	2.230
17	34.152	1447	1452	1455	904218	3111012	2786699	100.00	15.656
18	35.313	1504	1509	1510	27047	546075	128817	4.62	.724
19	35.537	1514	1520	1523	44730	1342209	368335	13.22	2.069
20	35.659	1524	1526	1528	45316	793817	170642	6.12	.959
21	35.863	1533	1536	1537	81765	1064332	251808	9.04	1.415
22	35.924	1537	1539	1541	62673	1267221	180441	6.48	1.014
23	36.231	1549	1554	1556	51494	2148247	246767	8.86	1.386
24	36.455	1559	1565	1568	57766	2960196	379719	13.63	2.133
25	37.109	1594	1597	1598	38515	1277855	133724	4.80	.751
IS 26	37.518	1612	1617	1625	142818	4227906	1641935	58.92	9.224
27	37.722	1625	1627	1632	97311	1804539	667398	23.95	3.749
28	37.967	1637	1639	1648	54456	1989144	417655	14.99	2.346

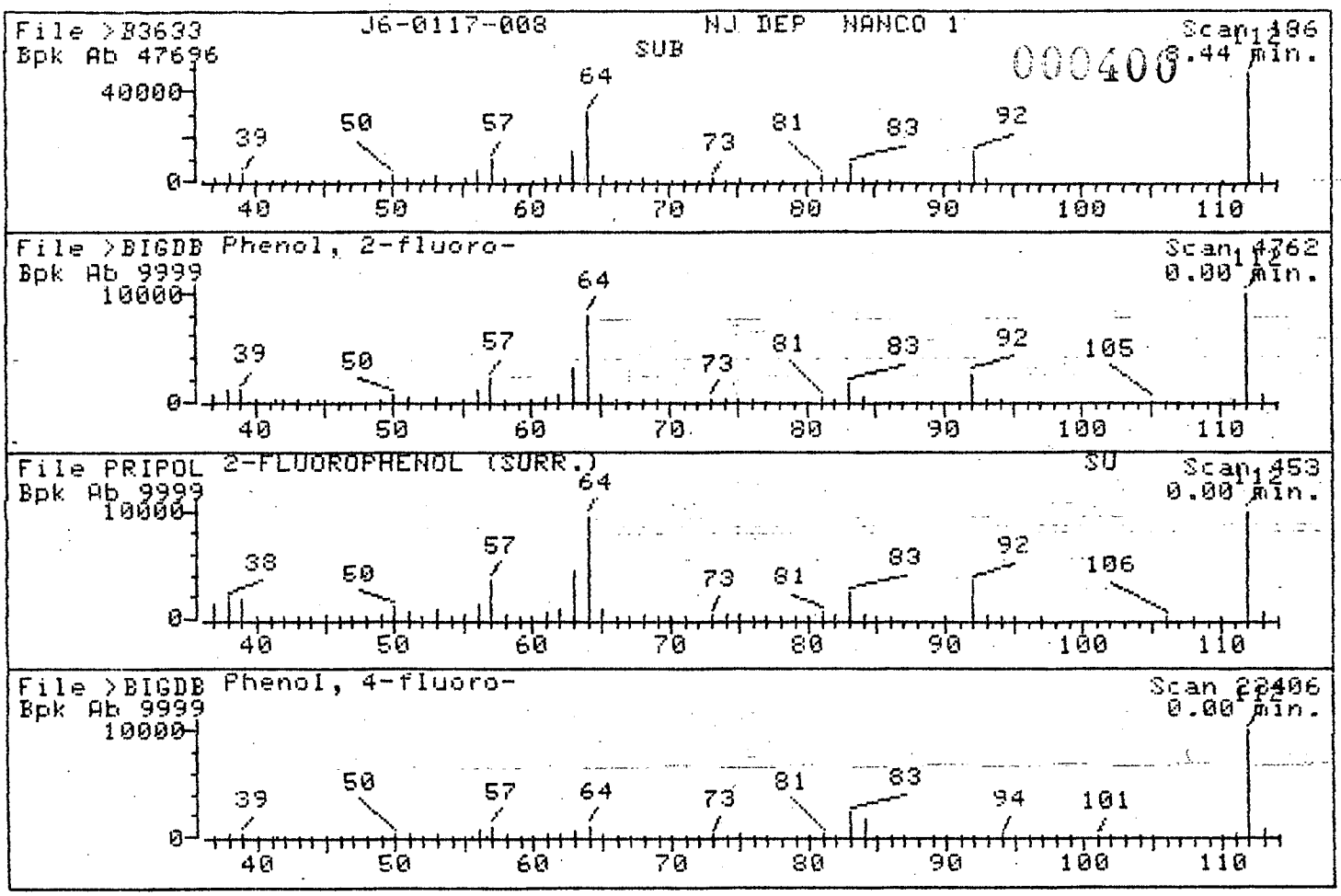
Sum of corrected areas: 17800112.



1. Ethene, tetrachloro- 164 C2Cl4
2. Ethene, tetrachloro- 164 C2Cl4
3. Ethene, tetrachloro- 164 C2Cl4
4. Ethene, tetrachloro- 164 C2Cl4
5. Ethene, tetrachloro- 164 C2Cl4

Sample file: >B3633 Spectrum #: 81
Search speed: 1 Tilting option: N No. of ion ranges searched: 43

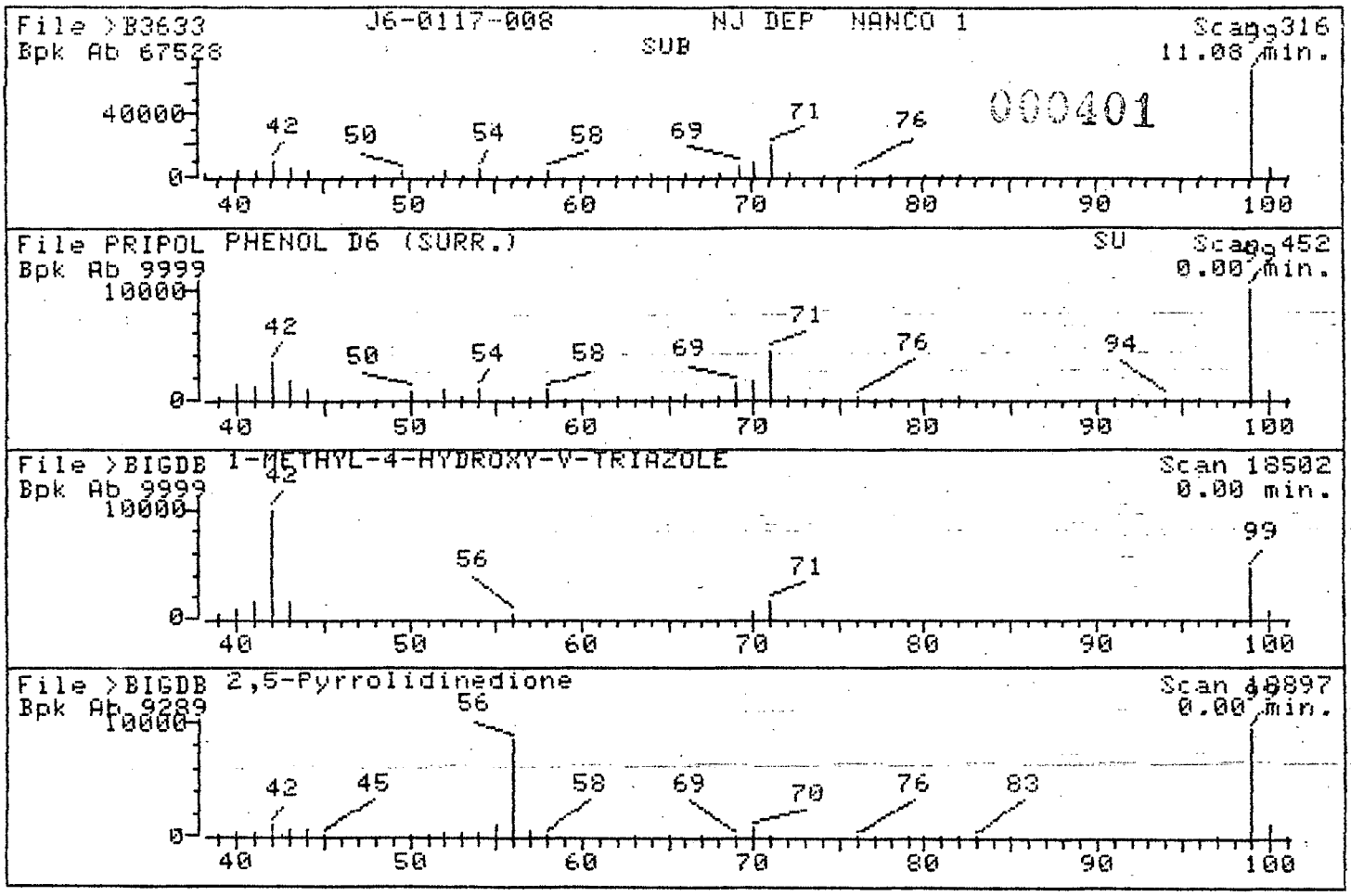
	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	89*	182	281	PRIPOL	102	29	2	0	68	2	66	78
2.	89*	127184	41139	"BIGDB	102	29	2	0	68	2	66	78
3.	84*	127184	41140	"BIGDB	83	51	2	0	79	7	55	65
4.	84*	183	282	PRIPOL	83	51	2	0	79	7	55	65
5.	83*	127184	41138	"BIGDB	72	50	1	0	87	14	51	71



1. Phenol, 2-fluoro-		112	C6H5FO
2. 2-FLUOROPHENOL (SURR.)	SU	112	C6.H5FO
RROGATE COMPOUND	BNA		
SURROGATE			
3. Phenol, 4-fluoro-		112	C6H5FO
4. 1H-Tetrazaborole, 4,5-dihydro-1,4,5-trimethyl-		112	C3H9BN4
5. Pyrazine, 1,4-dioxide		112	C4H4N2O2

Sample file: >B3633 Spectrum #: 186
Search speed: 1 Tilting option: N No. of ion ranges searched: 40

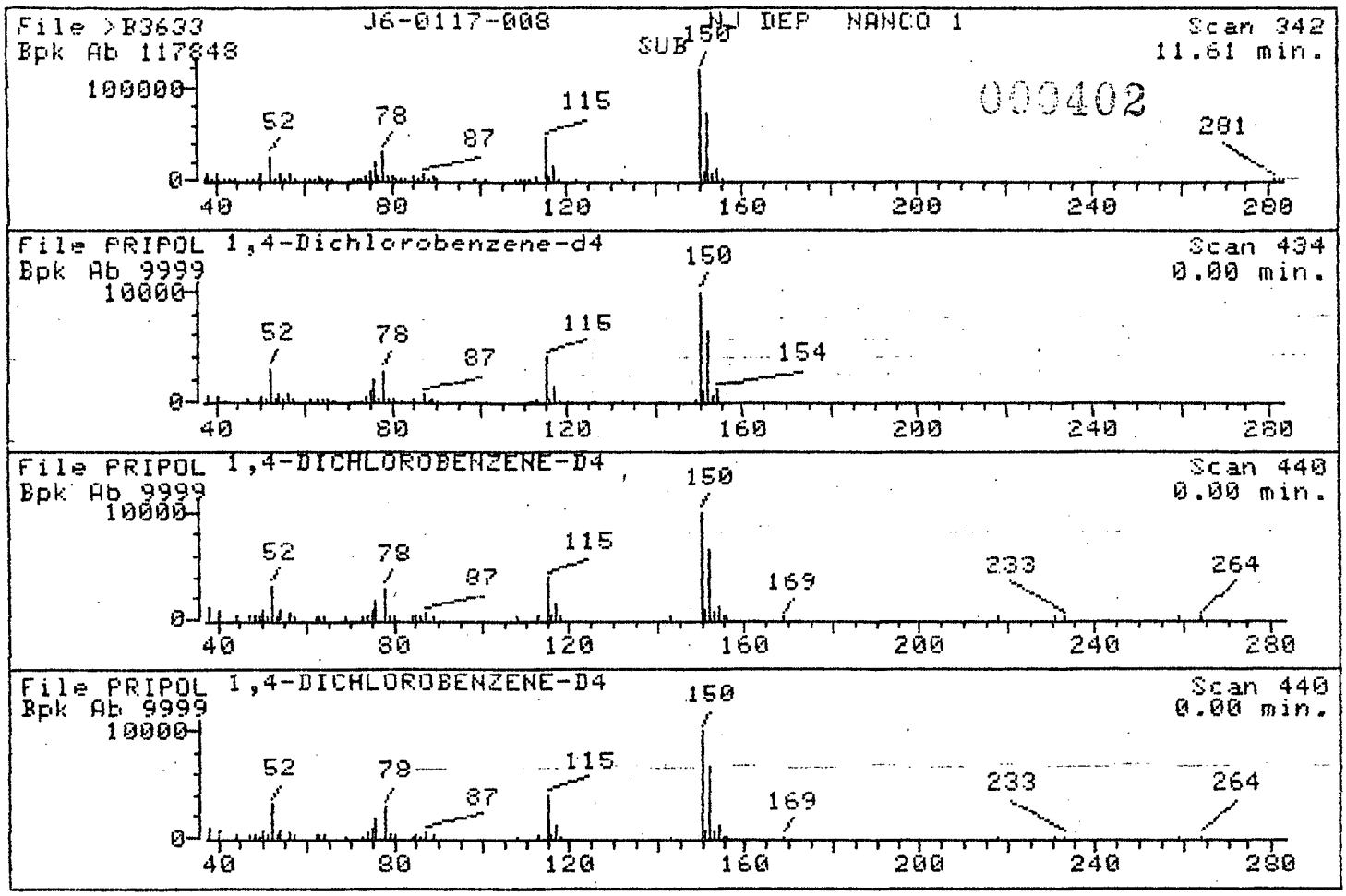
	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	70*	367124	4762	"BIGDB	58	51	0	0	59	32	32	71
2.	64*	453	57	PRIPOL	62	54	2	0	61	25	28	40
3.	28*	371415	23406	"BIGDB	32	58	2	0	72	42	8	16
4.	25*	20546183	23379	"BIGDB	28	69	3	0	100	48	7	13
5.	20*	2423849	23384	"BIGDB	24	55	3	0	100	52	5	12



1. PHENOL D6 (SURR.) SU 100 C6.D6.0
   ROGATE COMPOUND BNA
   SURROGATE
2. 1-METHYL-4-HYDROXY-V-TRIAZOLE 99 C3H5N3O
3. 2,5-Pyrrolidinedione 99 C4H5NO2
4. 2,5-Pyrrolidinedione 99 C4H5NO2
5. 2,5-Pyrrolidinedione 99 C4H5NO2

Sample file: >B3633 Spectrum #: 316
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	92*	452	159	PRIPOL	66	13	0	0	44	27	57	95
2.	42*	0	18502	"BIGDB	20	51	2	0	191	22	17	13
3.	36*	123568	18897	"BIGDB	20	74	2	0	100	28	14	13
4.	32*	123568	18898	"BIGDB	30	39	2	0	100	32	12	15
5.	31*	123568	18505	"BIGDB	28	55	2	0	100	32	12	14



000402

96

1. 1,4-Dichlorobenzene-d4 150 C6.D4.CL4

800

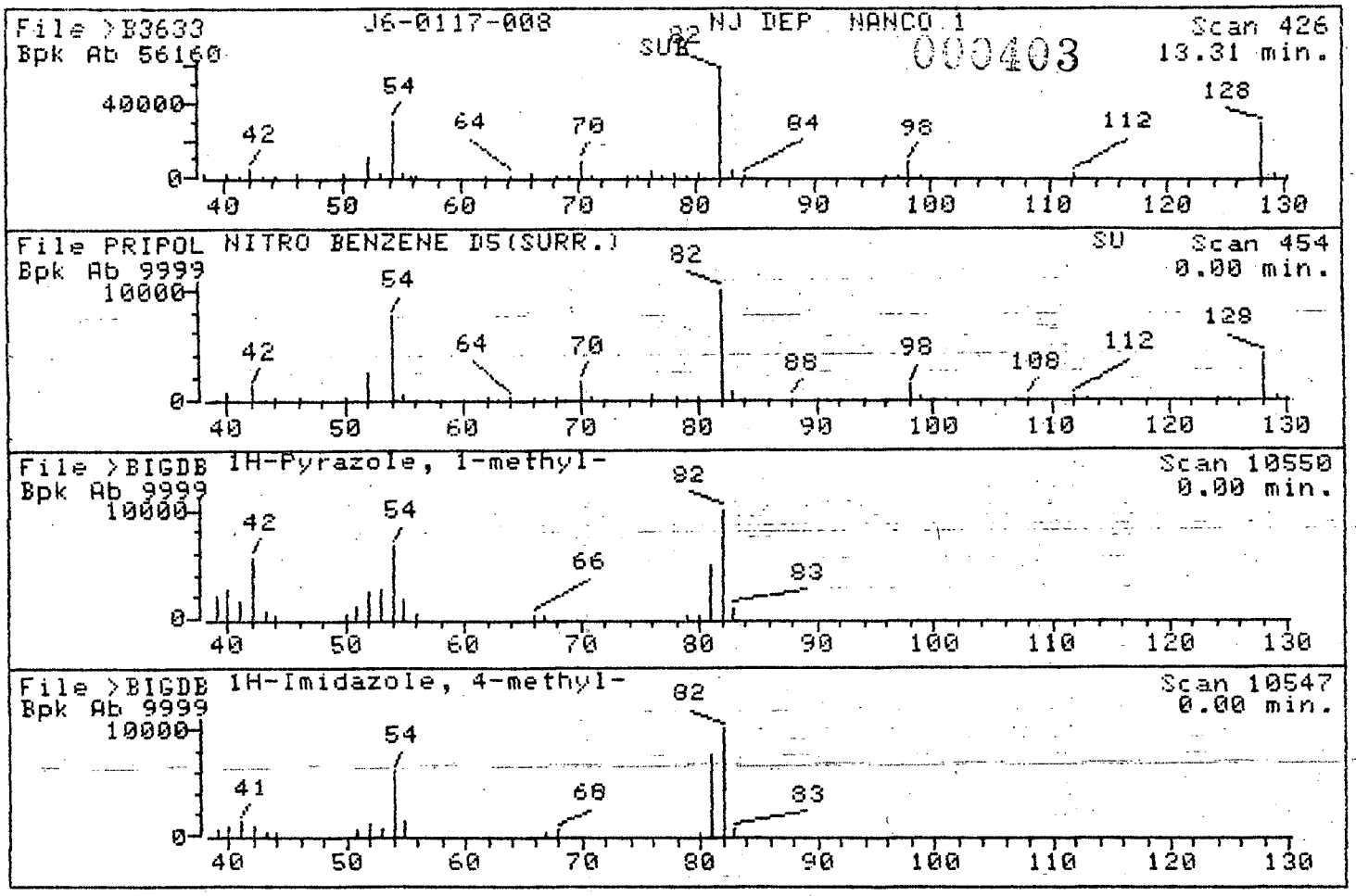
2. 1,4-DICHLOROBENZENE-D4 150 C6.D4.CL4

BNA

INTERNAL STD. 1

Sample file: >B3633 Spectrum #: 342
Search speed: 1 Tilting option: N No. of ion ranges searched: 41

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	96*	434	256	PRIPOL	100	7	1	0	70	6	68	96
2.	83*	440	257	PRIPOL	77	33	2	0	67	6	54	59



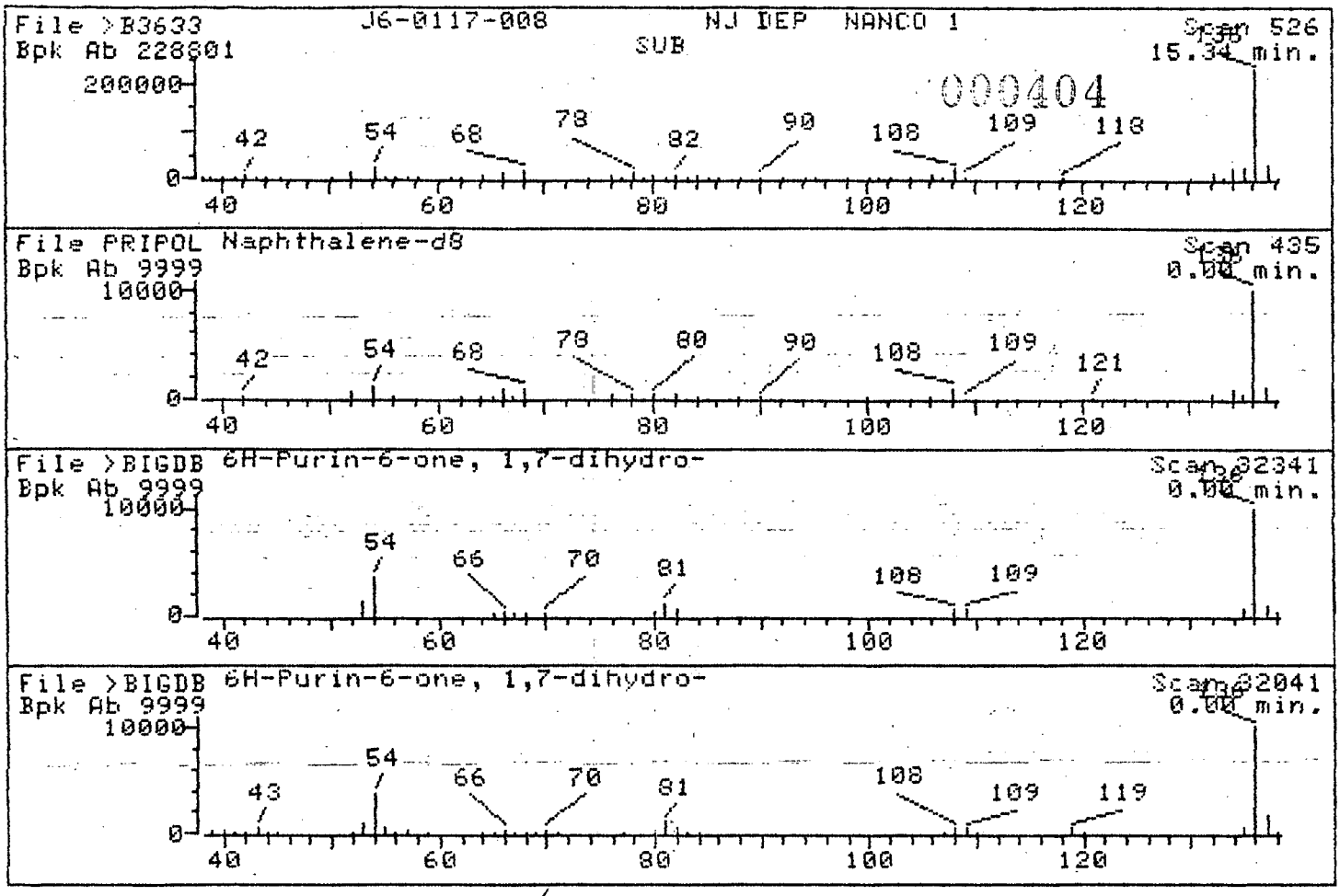
000403

56

1. NITRO BENZENE D5(SURR.) SU 128
   RROGATE COMPOUND BNA
   SURROGATE
2. 1H-Pyrazole, 1-methyl- 82 C4H6N2
3. 1H-Imidazole, 4-methyl- 82 C4H6N2
4. 1H-Pyrazole, 3-methyl- 82 C4H6N2
5. 1H-Pyrazole, 4-methyl- 82 C4H6N2

Sample file: >B3633 Spectrum #: 426
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

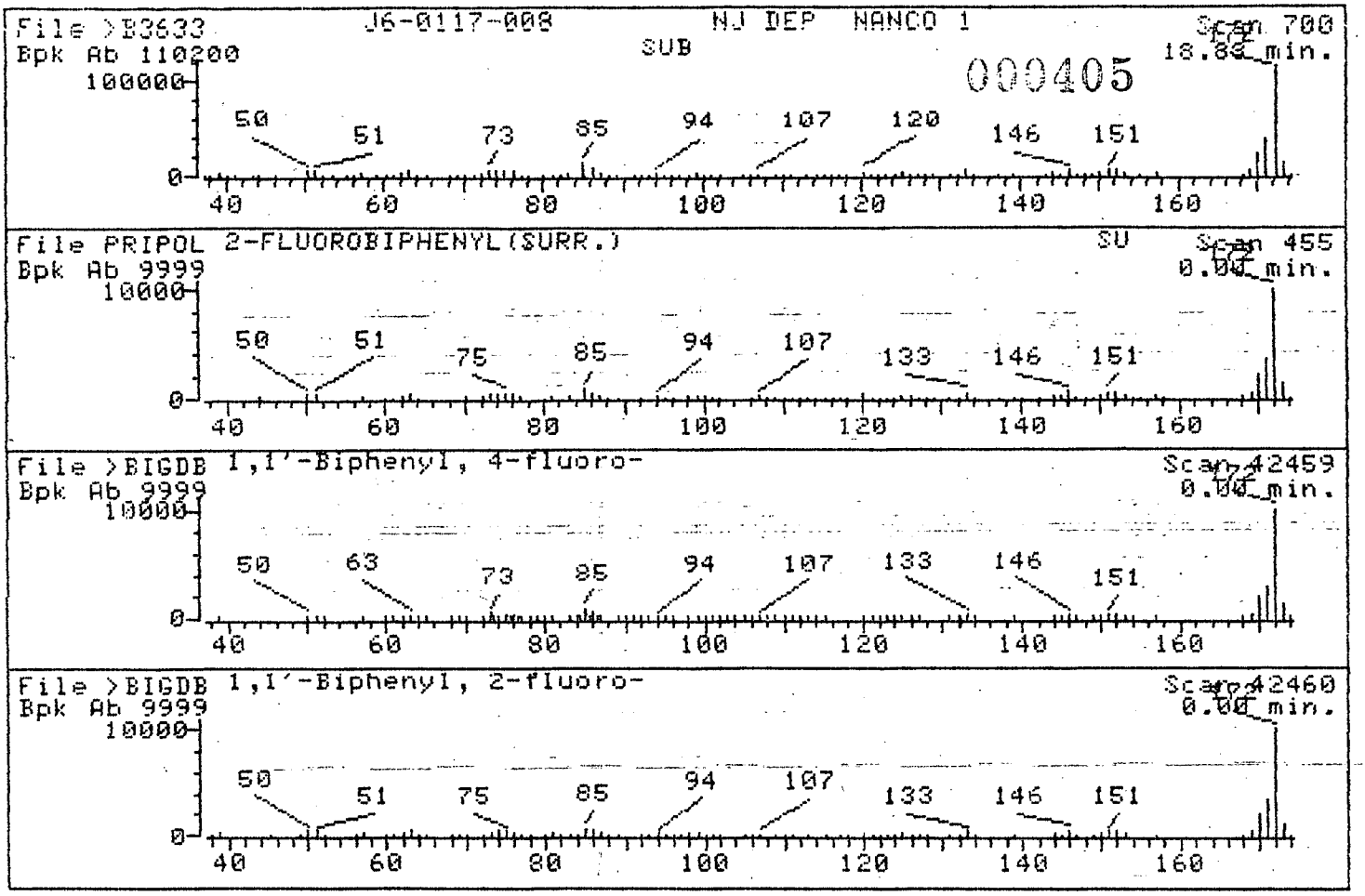
	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	90*	454	15	PRIPOL	74	29	0	0	58	30	57	92
2.	31*	930369	10550	"BIGDB	26	95	2	0	76	35	12	14
3.	30*	822366	10547	"BIGDB	26	65	3	0	87	35	12	13
4.	29*	1453583	10682	"BIGDB	31	59	2	0	100	38	10	15
5.	29*	7554656	1394	"BIGDB	24	67	3	0	66	35	12	12



1.	Naphthalene-d8	136	C10.D8
			800
2.	6H-Purin-6-one, 1,7-dihydro-	136	C5H4N4O
3.	6H-Purin-6-one, 1,7-dihydro-	136	C5H4N4O
4.	7H-Pyrazolo[4,3-d]pyrimidin-7-one, 1,4-dihydro-	136	C5H4N4O
5.	NAPTHALENE-D8	136	C10.D8.
		BNA	
	INTERNAL STD.		1

Sample file: >B3633 Spectrum #: 526
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

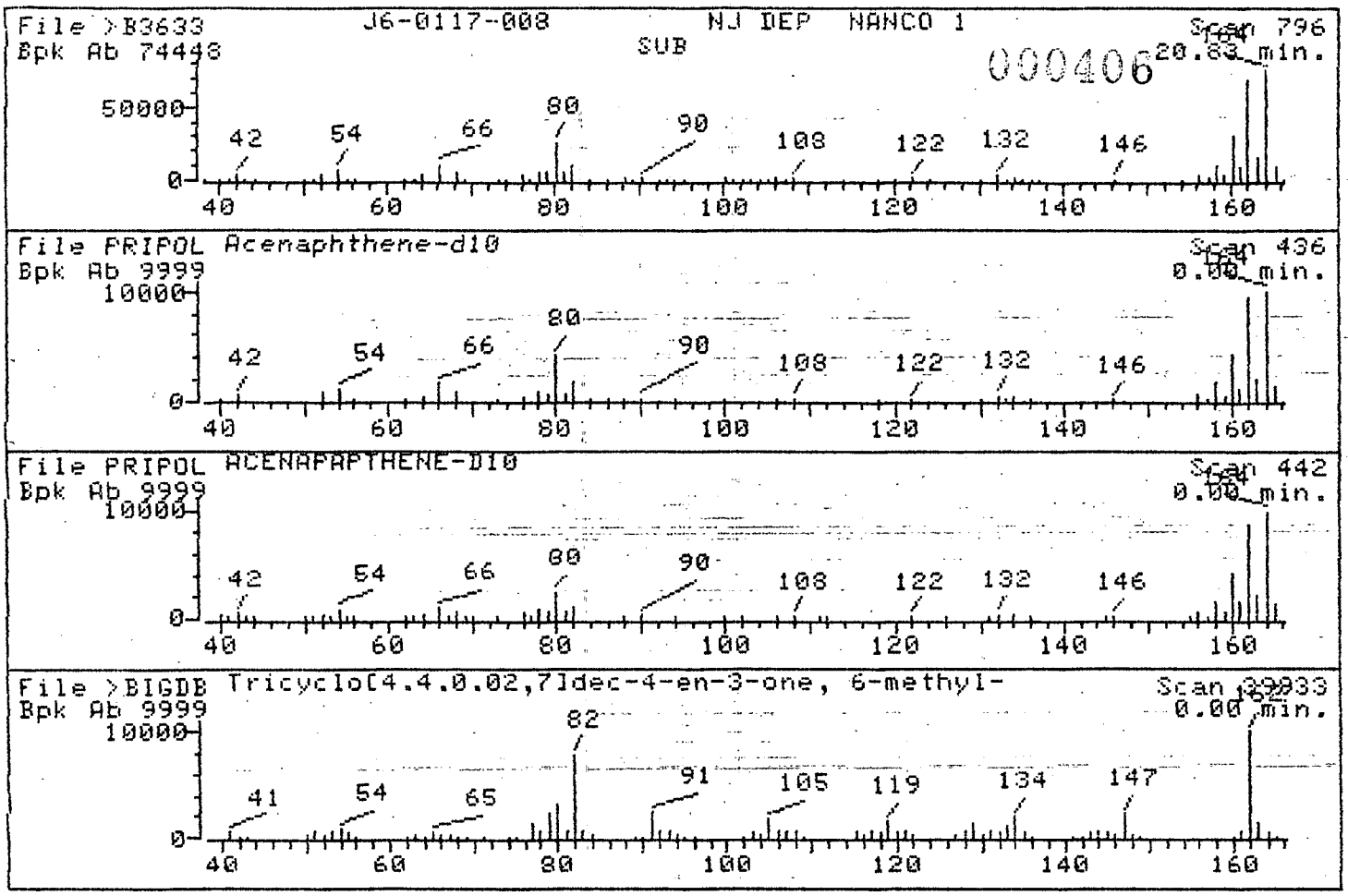
	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	89*	435	208	PRIPOL	78	15	1	0	70	7	62	89
2.	60*	68940	32341	"BIGDB	31	54	3	0	100	14	30	13
3.	60*	68940	32041	"BIGDB	24	66	3	0	100	14	30	12



1.	2-FLUOROBIPHENYL(SURR.)	SU	172	C12H9F
	RROGATE COMPOUND	BNA		
	SURROGATE			
2.	1,1'-Biphenyl, 4-fluoro-		172	C12H9F
3.	1,1'-Biphenyl, 2-fluoro-		172	C12H9F
4.	2-Propenenitrile, 3-[4-(dimethylamino)phenyl]-		172	C11H12N2
5.	1,3-DIMETHYL-2,4-(1H,3H)-PYRIMIDINEDITHIONE		172	C6H8N2S2

Sample file: >B3633 Spectrum #: 700
Search speed: 1 Tilting option: N No. of ion ranges searched: 41

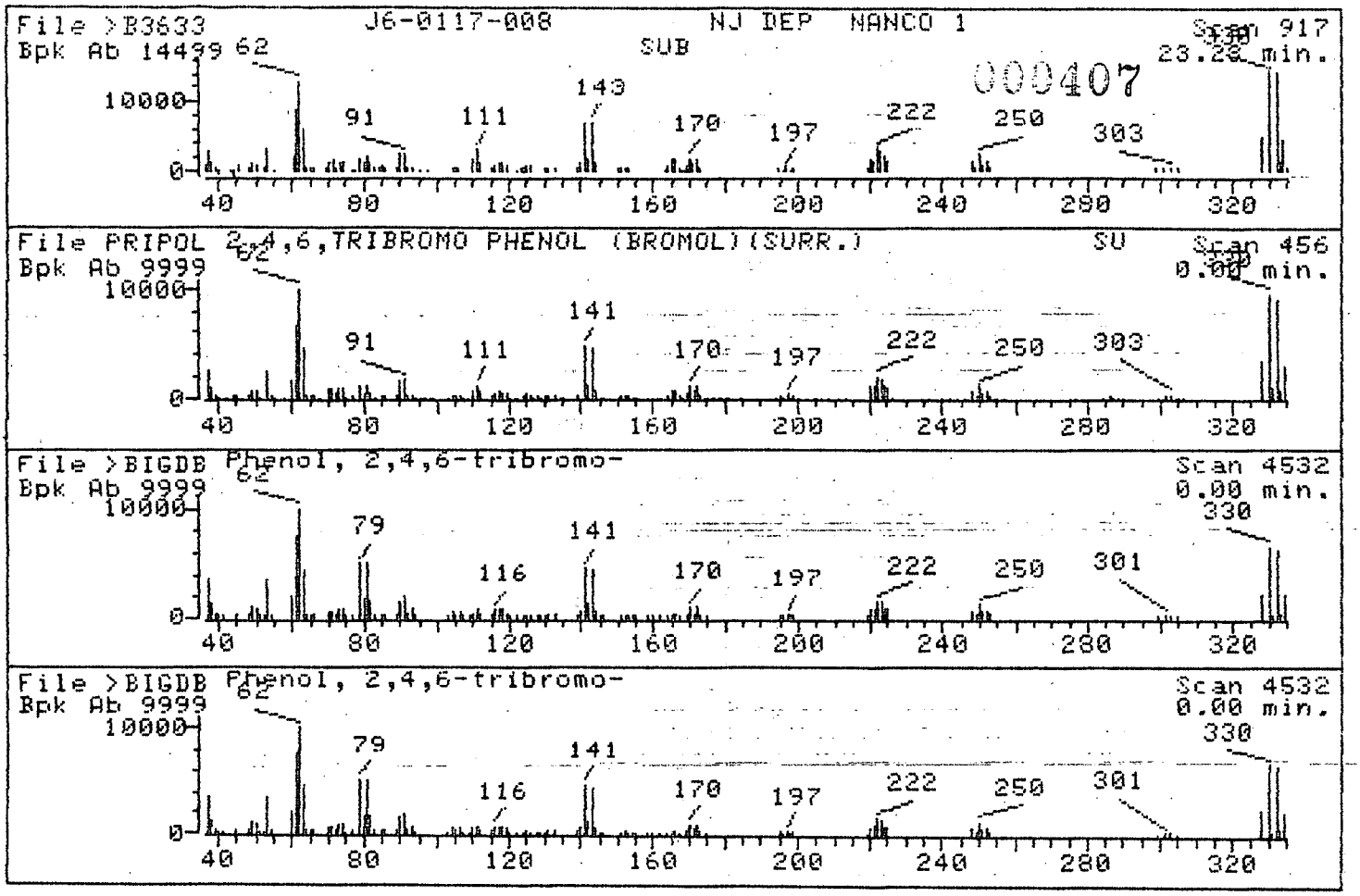
	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	97*	455	299	PRIPOL	95	9	0	0	81	6	68	97
2.	96*	324743	42459	"BIGDB	94	10	0	0	91	6	68	96
3.	96*	321608	42460	"BIGDB	89	15	0	0	89	6	68	96
4.	25*	32444636	42458	"BIGDB	26	67	3	0	100	43	8	13
5.	24*	0	42396	"BIGDB	23	92	3	0	100	45	8	12



1.	Acenaphthene-d10	164	C12.D10
			800
2.	ACENAPAPTHENE-D10	164	C12.D10
		BNA	
	INTERNAL STD.		1
3.	Tricyclo[4.4.0.02,7]dec-4-en-3-one, 6-methyl-	162	C11H14O
4.	6(5H)-Pteridinone, 2-methyl-	162	C7H6N4O
5.	2-Benzothiazolamine, 6-methyl-	164	C8H8N2S

Sample file: >B3633 Spectrum #: 796
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

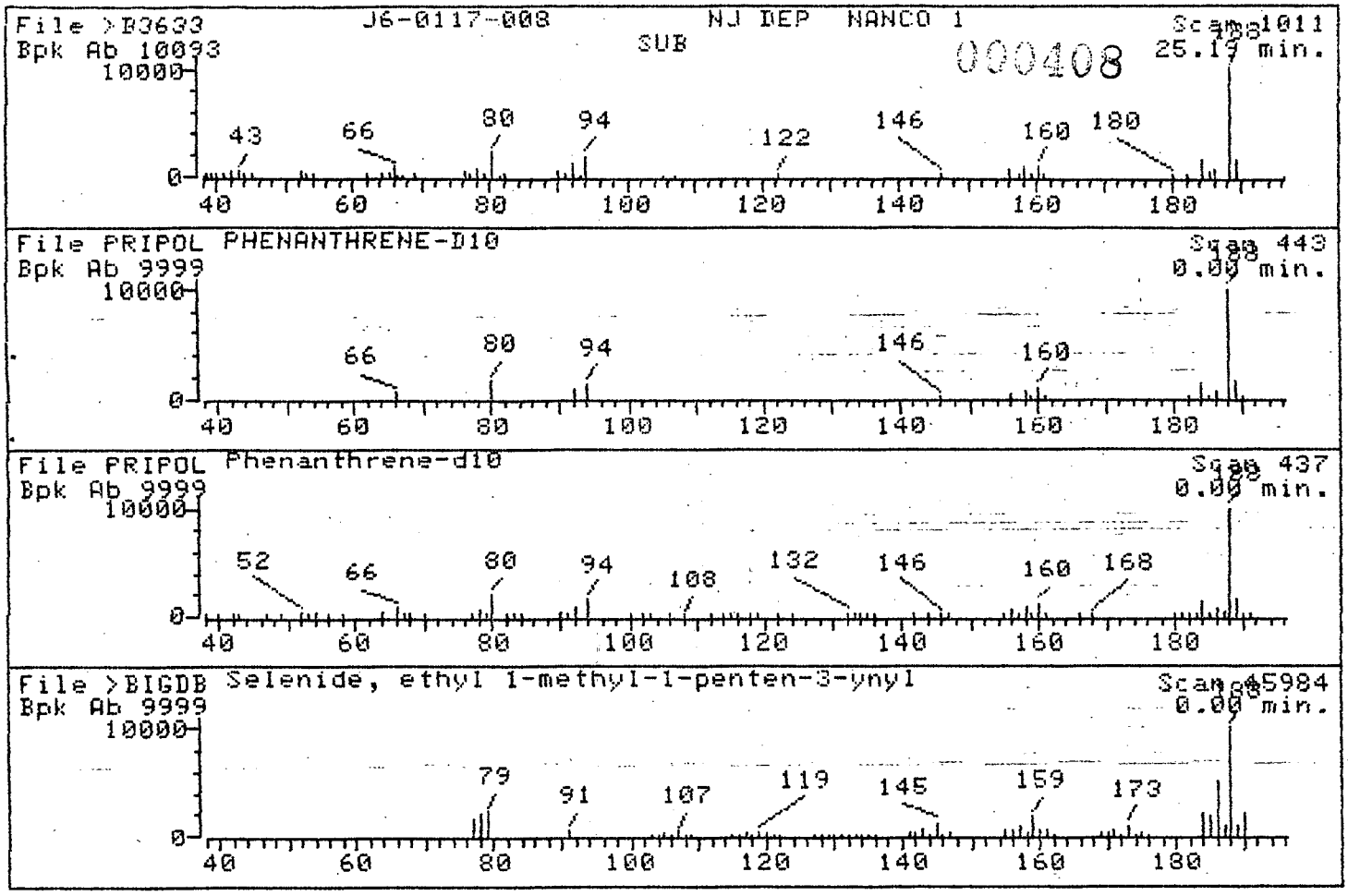
	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	99*	436	274	PRIPOL	117	1	0	0	72	0	72	99
2.	97*	442	275	PRIPOL	100	17	0	0	85	0	72	97
3.	20*	6518509	39933	"BIGDB	31	84	3	0	90	52	5	13



1. 2,4,6,TRIBROMO PHENOL (BROMOL)(SURR.) ~ 16 SU 328 C6.H3.BR30
   RROGATE COMPOUND BNA
   SURROGATE
2. Phenol, 2,4,6-tribromo- 328 C6H3Br3O

Sample file: >B3633 Spectrum #: 917
Search speed: 1 Tilting option: N No. of ion ranges searched: 40

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	96*	456	36	PRIPOL	179	19	1	0	86	27	57	99
2.	67*	118796	4532	"BIGDB	92	110	2	0	66	38	28	71



1. PHENANTHRENE-D10 188 C14.D10

BNA

INTERNAL STD. 1

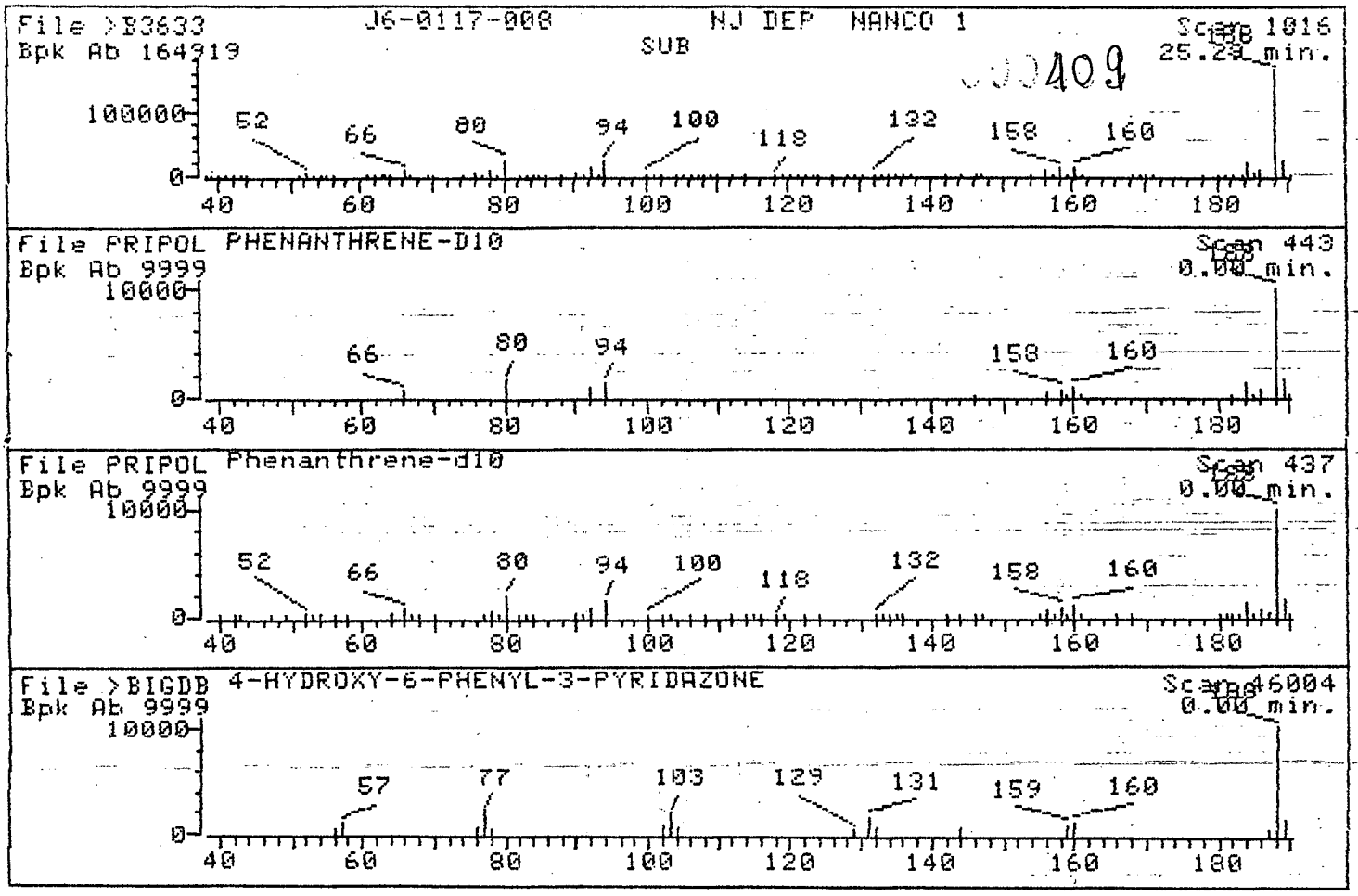
2. Phenanthrene-d10 188 C14.D10

800

3. Selenide, ethyl 1-methyl-1-penten-3-ynyl 188 C8H12Se
4. 4-HYDROXY-6-PHENYL-3-PYRIDAZONE 188 C10H8N2O2
5. 2-Quinolinecarboxaldehyde, 8-hydroxy-, oxime 188 C10H8N2O2

Sample file: >B3633 Spectrum #: 1011
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	96*	443	334	PRIPOL	106	6	1	0	92	0	72	96
2.	89*	437	333	PRIPOL	83	31	2	0	98	0	66	65
3.	29*	25128487	45984	"BIGDB	24	110	3	0	100	31	12	12



1. PHENANTHRENE-D10 188 C14.D10

BNA

INTERNAL STD. 1

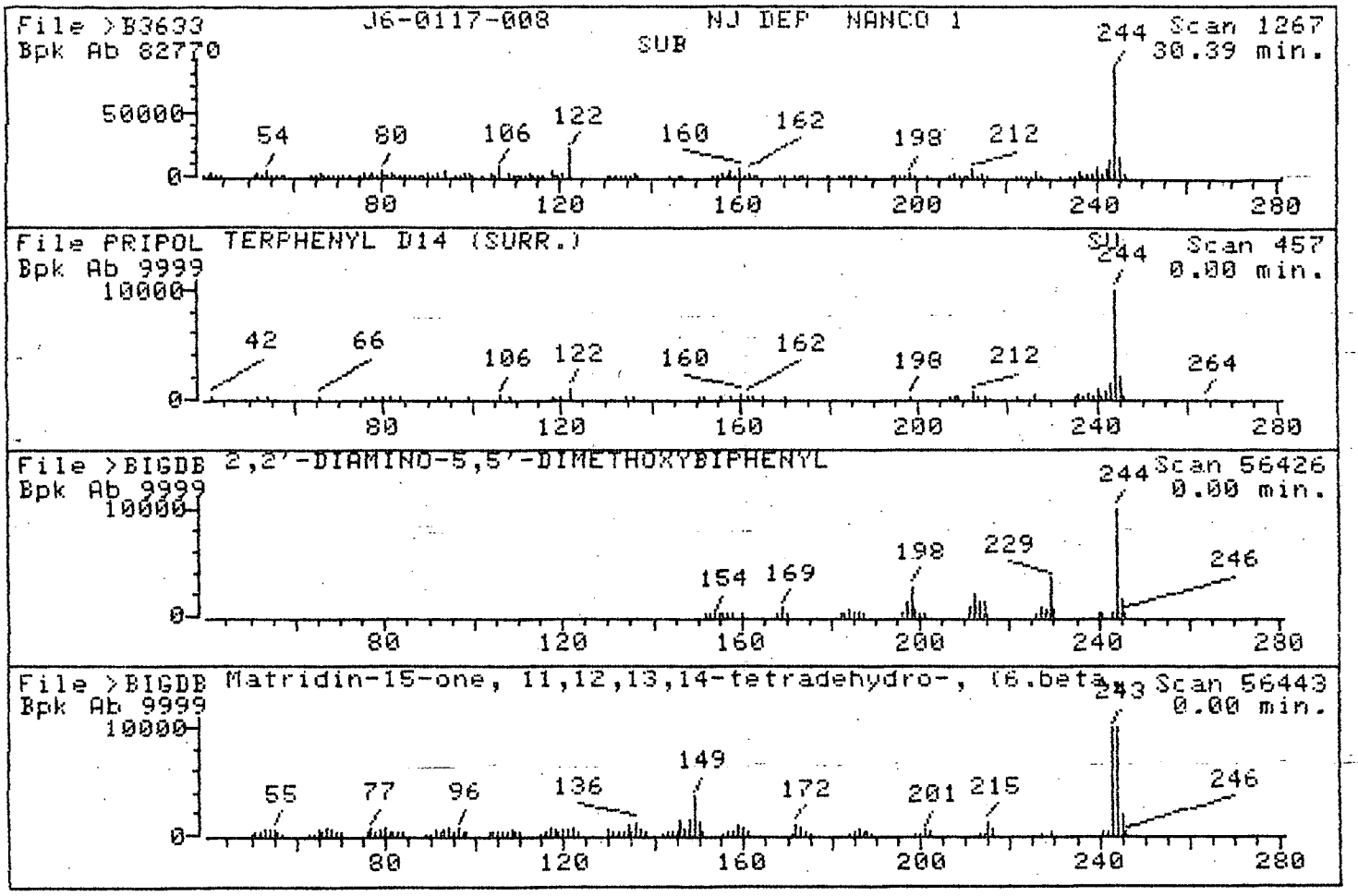
2. Phenanthrene-d10 188 C14.D10

800

3. 4-HYDROXY-6-PHENYL-3-PYRIDAZONE 188 C10H8N2O2
4. 2-Quinolinecarboxaldehyde, 8-hydroxy-, oxime 188 C10H8N2O2
5. 1,4-Naphthalenedione, 2-methoxy- 188 C11H8O3

Sample file: >B3633 Spectrum #: 1016
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	99*	443	334	PRIPOL	111	1	0	0	76	0	72	99
2.	82*	437	333	PRIPOL	86	28	1	0	61	27	43	83
3.	29*	0	46004	"BIGDB	22	97	3	0	100	34	12	12

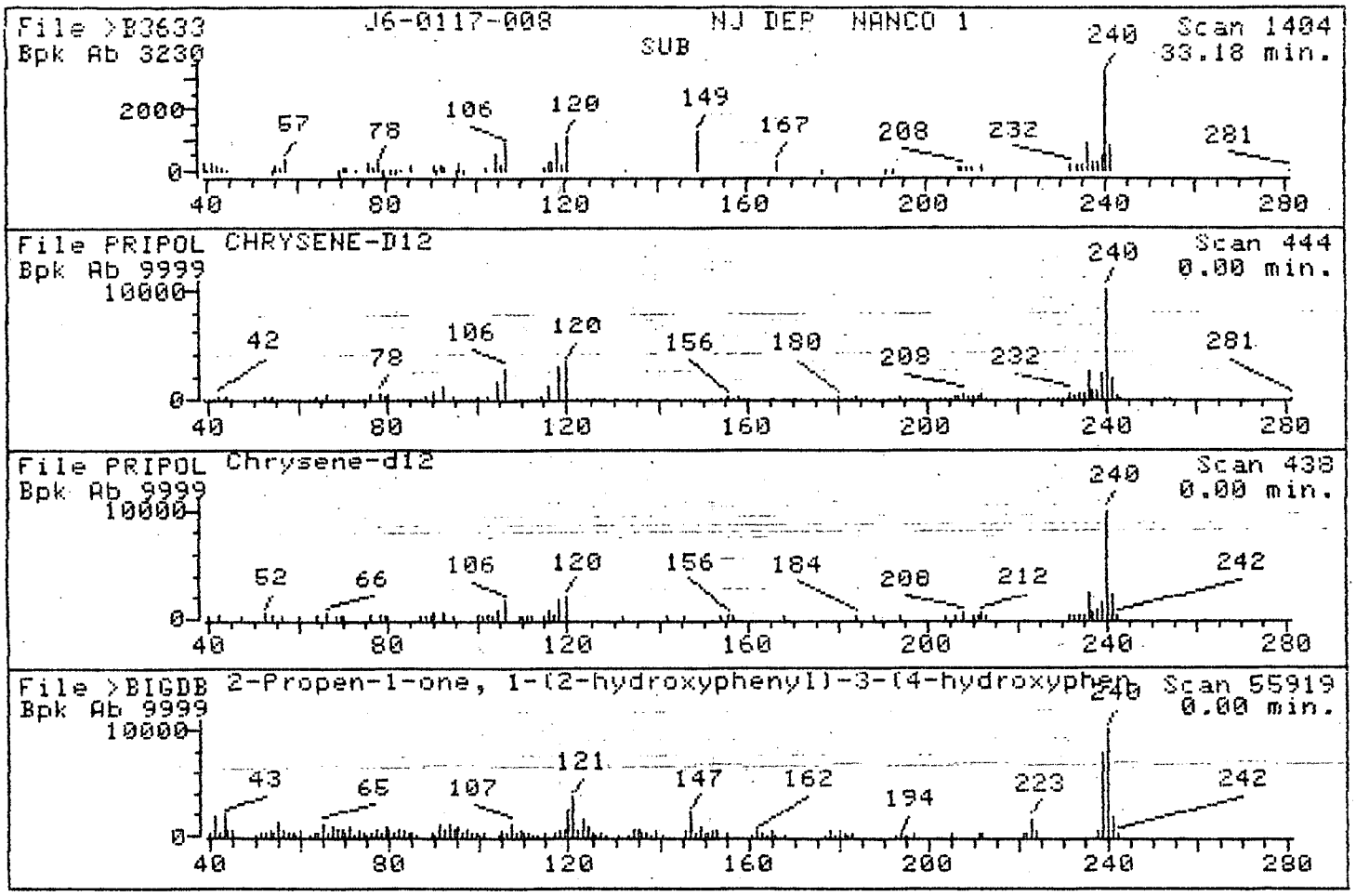


000410

1. TERPHENYL D14 (SURR.) SU 244
   ROGATE COMPOUND BNA
   SURROGATE
2. 2,2'-DIAMINO-5,5'-DIMETHOXYBIPHENYL 244 C14H16N2O2
3. Matridin-15-one, 11,12,13,14-tetradehydro-, (6.beta. 244 C15H20N2O
4. 9H-Xanthen-9-one, 1,3,8-trihydroxy- 244 C13H8O5
5. Linderalactone 244 C15H16O3

Sample file: >B3633 Spectrum #: 1267
Search speed: 1 Tilting option: N No. of ion ranges searched: 44

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	96*	457	403	PRIPOL	110	27	1	0	80	9	68	96
2.	36*	0	56426	"BIGDB	31	117	3	0	100	27	14	13
3.	36*	6838342	56443	"BIGDB	30	123	3	0	100	30	14	13
4.	31*	6052933	56396	"BIGDB	28	89	2	0	100	33	12	14
5.	26*	728610	56431	"BIGDB	24	127	3	0	100	36	10	12



000411

1. CHRYSENE-D12 240 C18.D12

BNA

INTERNAL STD. 1

2. Chrysene-d12 240 C18.D12

800

3. 2-Propen-1-one, 1-(2-hydroxyphenyl)-3-(4-hydroxyphenyl)- 240 C15H12O3

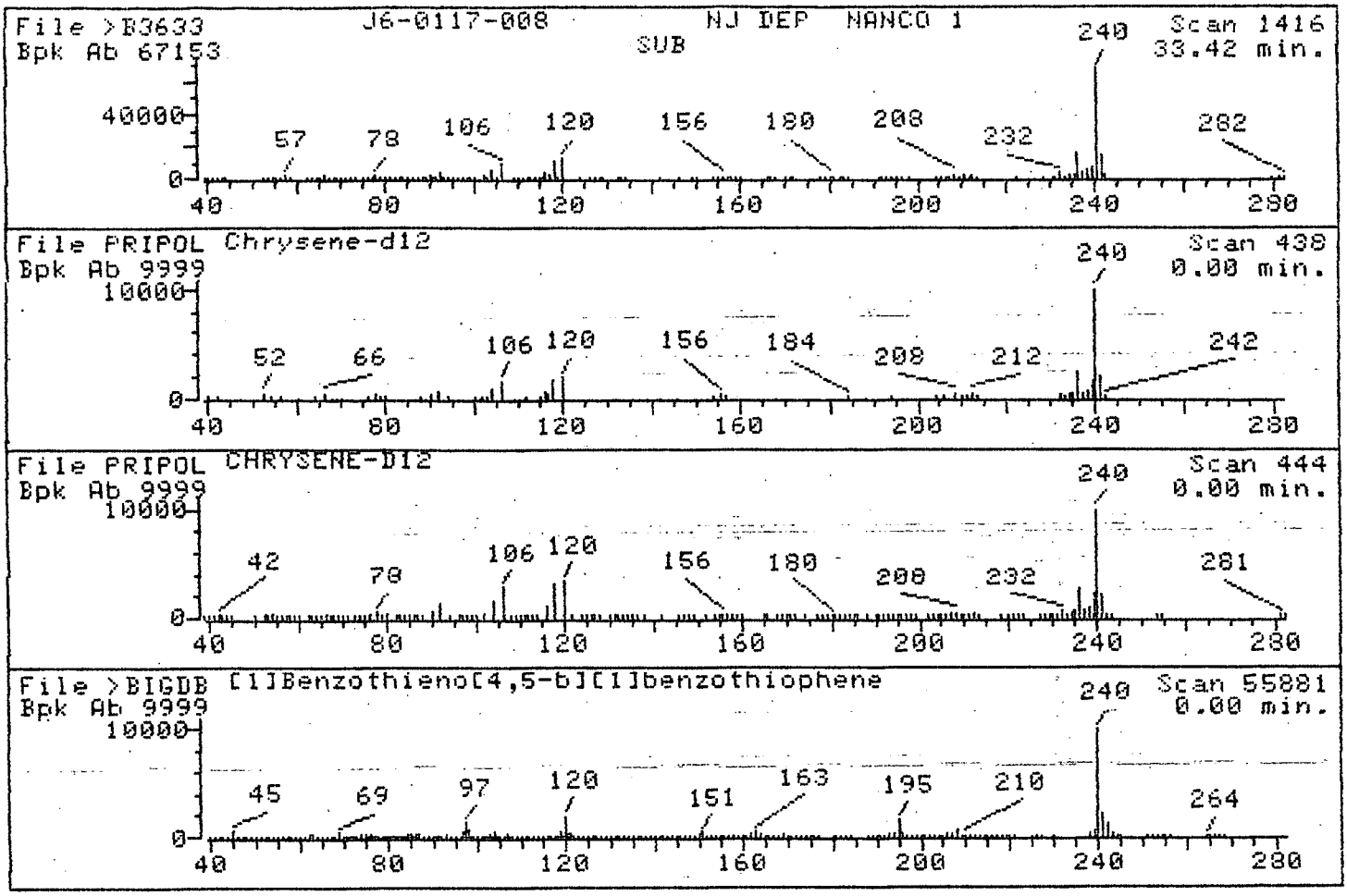
4. Indeno[2',1':4,5]thieno[3,2-b]thiopyran 240 C14H8S2

5. IRON, 1,4-DICYCLOPENTADIENYLBUTANE 240 C14H16Fe

Sample file: >B3633 Spectrum #: 1404

Search speed: 1 Tilting option: N No. of ion ranges searched: 43

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	71*	444	402	PRIPOL	68	79	3	0	100	13	38	35
2.	68*	438	401	PRIPOL	77	63	2	0	86	22	30	59



000412

1. Chrysene-d12 240 C18.D12

800

2. CHRYSENE-D12 240 C18.D12

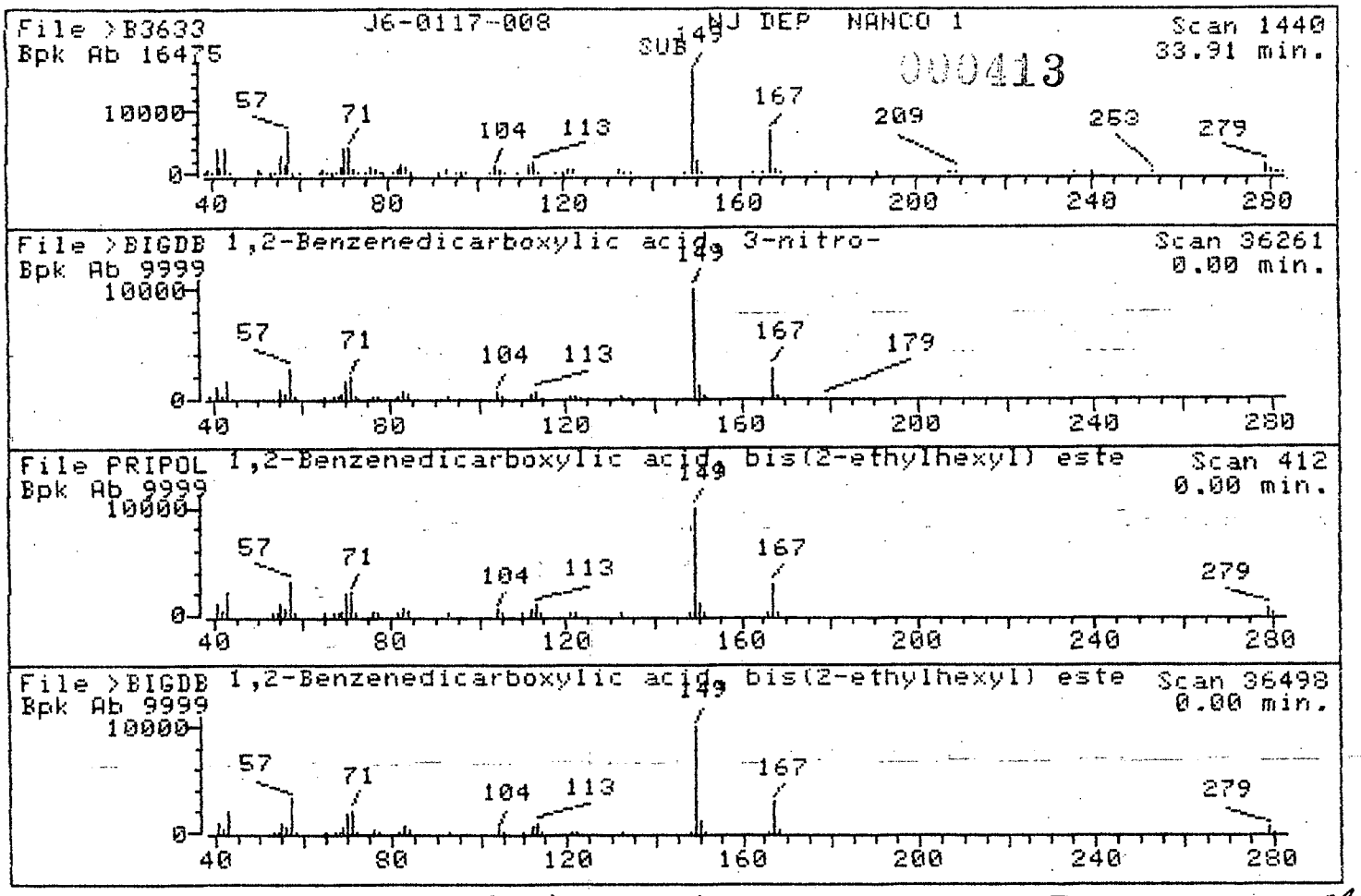
BNA

INTERNAL STD. 1

3. [1]Benzothieno[4,5-b][1]benzothiophene 240 C14H8S2
4. 2-Propen-1-one, 1-(2-hydroxyphenyl)-3-(4-hydroxyphenyl)- 240 C15H12O3
5. IRON, ETHYLCYCLOPENTADIENYL-VINYLCYCLOPENTADIENYL- 240 C14H16Fe

Sample file: >B3633 Spectrum #: 1416
Search speed: 1 Tilting option: N No. of ion ranges searched: 43

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	91*	438	401	PRIPOL	82	39	0	0	46	34	50	94
2.	89*	444	402	PRIPOL	81	47	0	0	40	40	47	94

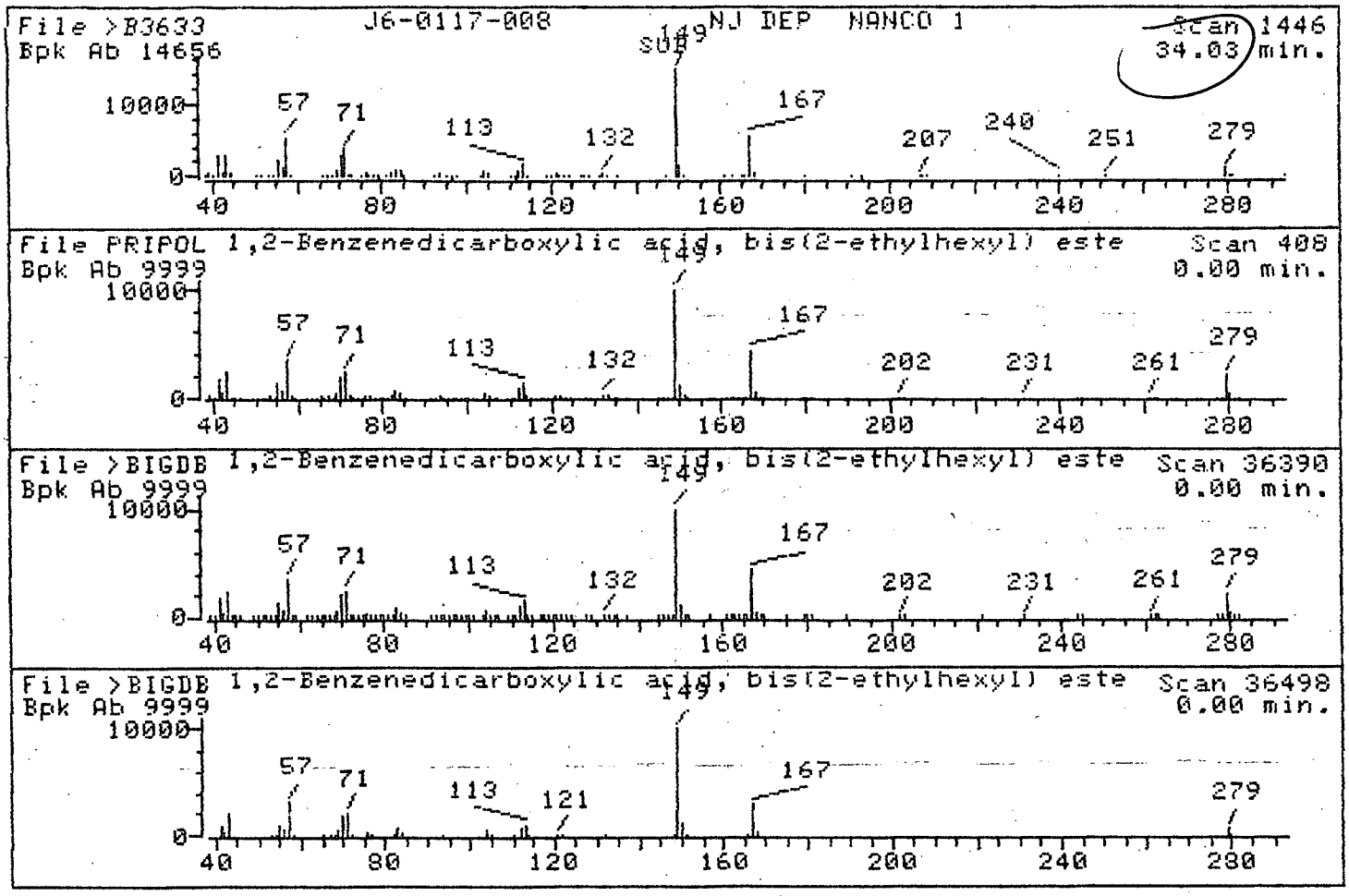


~~unknown ester~~ J16 ~~Least 50~~ bis(2-ethylhexyl) phth

1. 1,2-Benzenedicarboxylic acid, 3-nitro- 211 C8H5NO6
2. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
3. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
4. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
5. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804

Sample file: >B3633 Spectrum #: 1440
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	93	603112	36261	"BIGDB	108	0	0	0	97	3	68	89
2.	89	412	247	PRIPOL	113	24	0	0	100	0	66	78
3.	89	117817	36498	"BIGDB	113	24	0	0	100	0	66	78
4.	87	408	243	PRIPOL	107	40	2	0	76	2	63	44
5.	87	117817	36390	"BIGDB	107	40	2	0	76	2	63	44

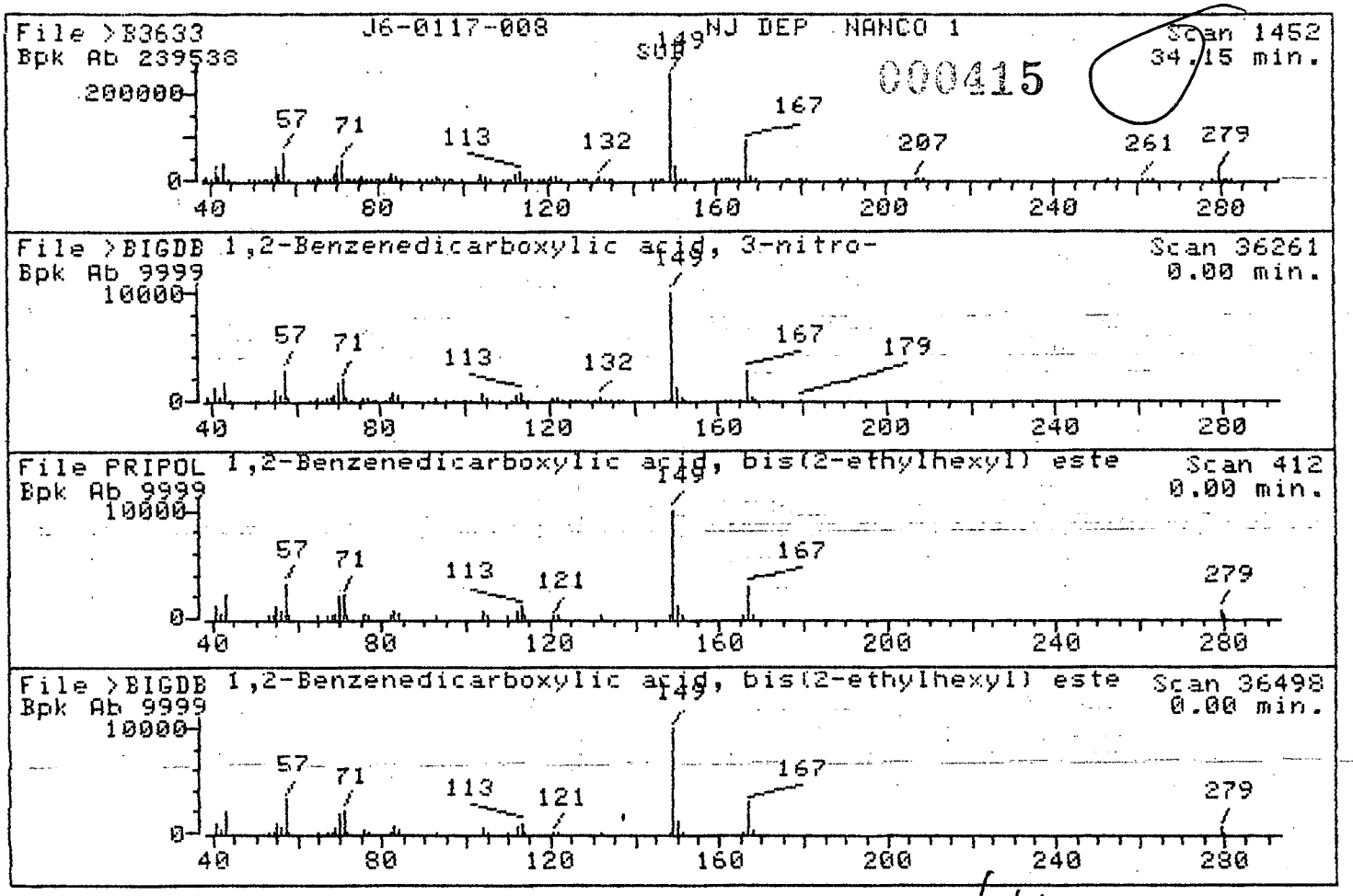


bis 2 ethylhexyl phth (#54) 56000414

1. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
2. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
3. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
4. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
5. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804

Sample file: >B3633 Spectrum #: 1446
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	87	408	243	PRIPOL	109	38	2	0	81	4	63	46
2.	87	117817	36390	"BIGDB	109	38	2	0	81	4	63	46
3.	81	117817	36498	"BIGDB	98	39	0	0	80	19	45	71
4.	81	412	247	PRIPOL	98	39	0	0	80	19	45	71
5.	76	117817	36500	"BIGDB	79	61	2	0	86	9	45	21

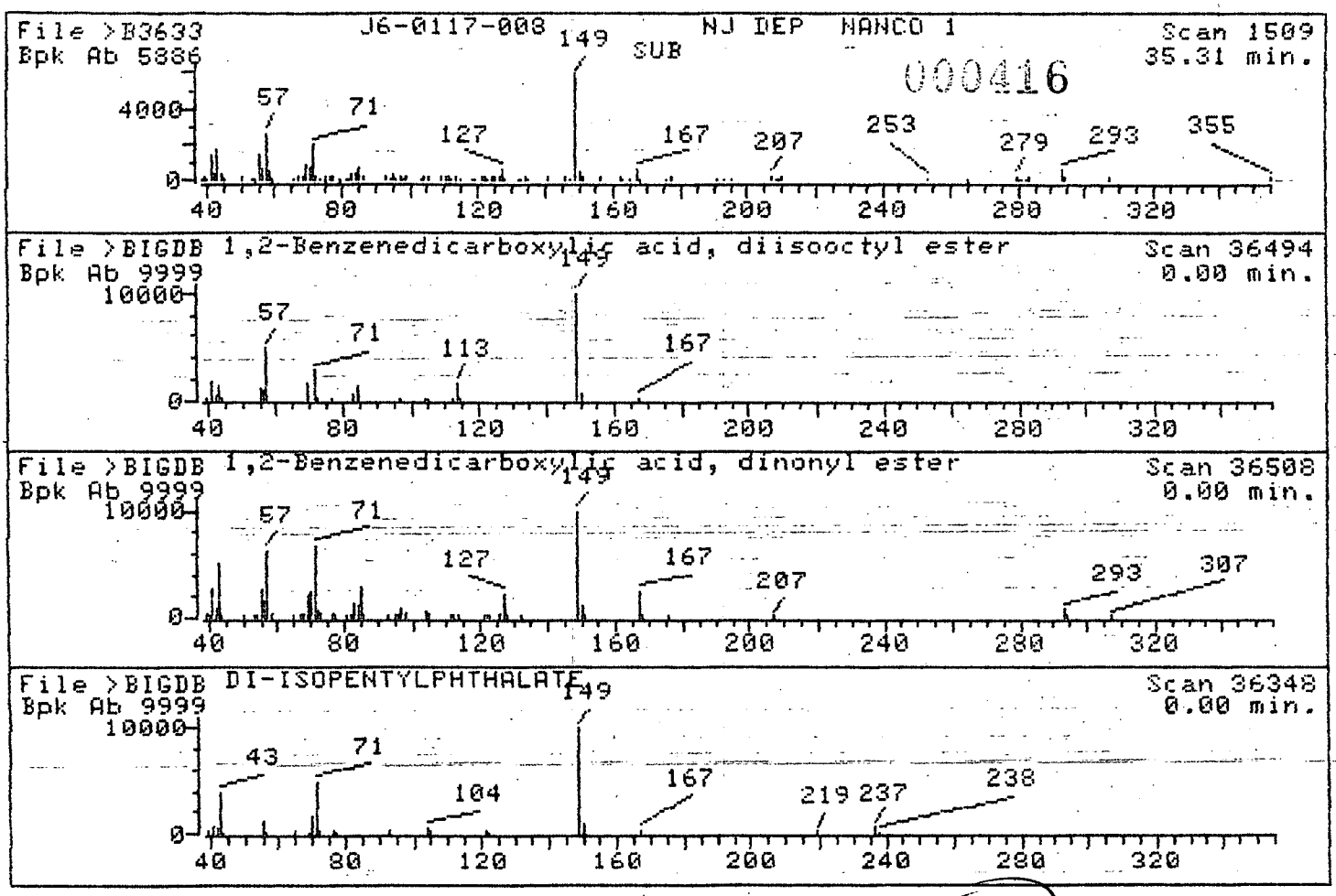


bis(2 eth hex) phth (HS2) 56

1. 1,2-Benzenedicarboxylic acid, 3-nitro- 211 C8H5NO6
2. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
3. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
4. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
5. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804

Sample file: >B3633 Spectrum #: 1452
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	93	603112	36261	"BIGDB	108	0	0	0	87	4	68	89
2.	89	412	247	PRIPOL	111	26	0	0	78	0	66	77
3.	89	117817	36498	"BIGDB	111	26	0	0	78	0	66	77
4.	86	117817	36390	"BIGDB	99	48	2	0	74	3	60	32
5.	86	408	243	PRIPOL	99	48	2	0	74	3	60	32



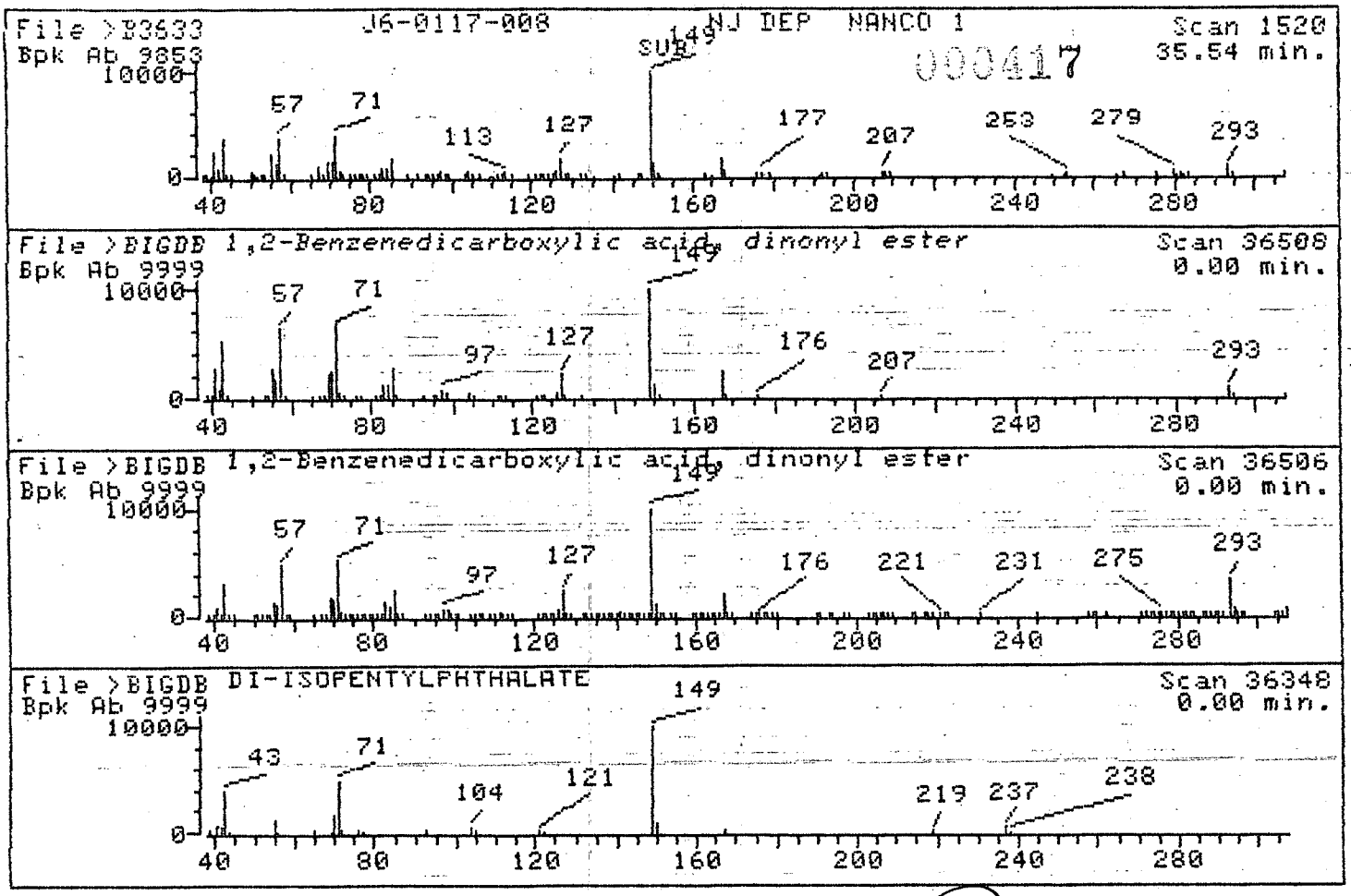
000416

X C252 (16)

1. 1,2-Benzenedicarboxylic acid, diisooctyl ester 390 C24H3804
2. 1,2-Benzenedicarboxylic acid, dinonyl ester 418 C26H4204
3. DI-ISOPENTYLPHTHALATE 306 C18H2604

Sample file: >B3633 Spectrum #: 1509
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	36	27554263	36494	"BIGDB	76	53	2	0	92	32	12	19
2.	33	84764	36508	"BIGDB	77	58	2	0	42	36	10	19
3.	29	0	36348	"BIGDB	61	59	2	0	69	32	12	12

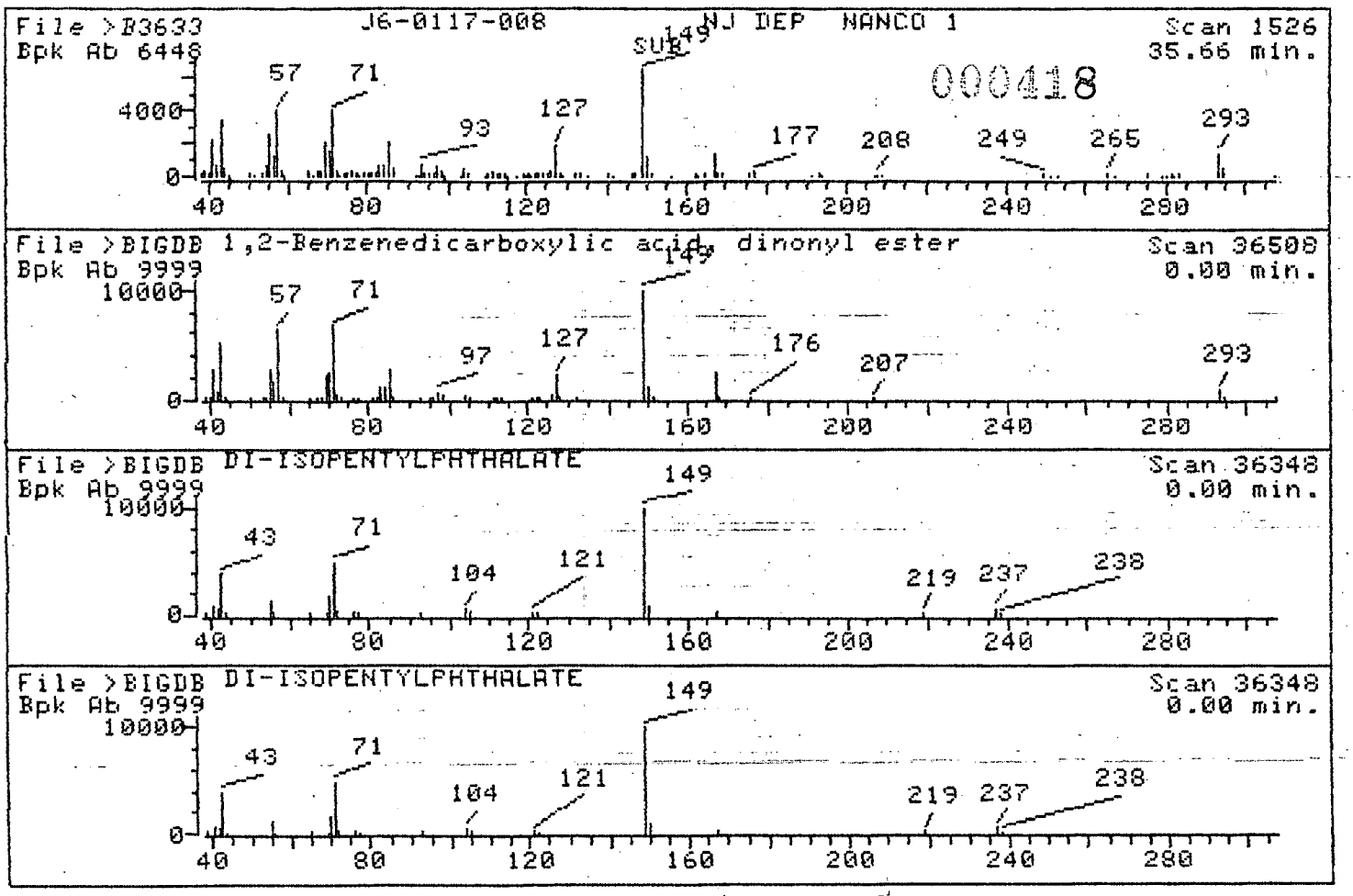


X C4257 (50)

1. 1,2-Benzenedicarboxylic acid, dinonyl ester 418 C26H4204
2. 1,2-Benzenedicarboxylic acid, dinonyl ester 418 C26H4204
3. DI-ISOPENTYLPHTHALATE 306 C18H2604
4. 1,2-Benzenedicarboxylic acid, diisooctyl ester 390 C24H3804
5. Benzothiazole, 2-methyl- 149 C8H7NS

Sample file: >B3633 Spectrum #: 1520
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	64	84764	36508	"BIGDB	110	48	2	0	51	25	28	49
2.	43	84764	36506	"BIGDB	64	98	2	0	58	25	17	14
3.	43	0	36348	"BIGDB	65	55	2	0	77	24	17	14
4.	31	27554263	36494	"BIGDB	67	62	2	0	73	35	12	14
5.	25*	120752	36422	"BIGDB	26	64	3	0	100	48	7	13

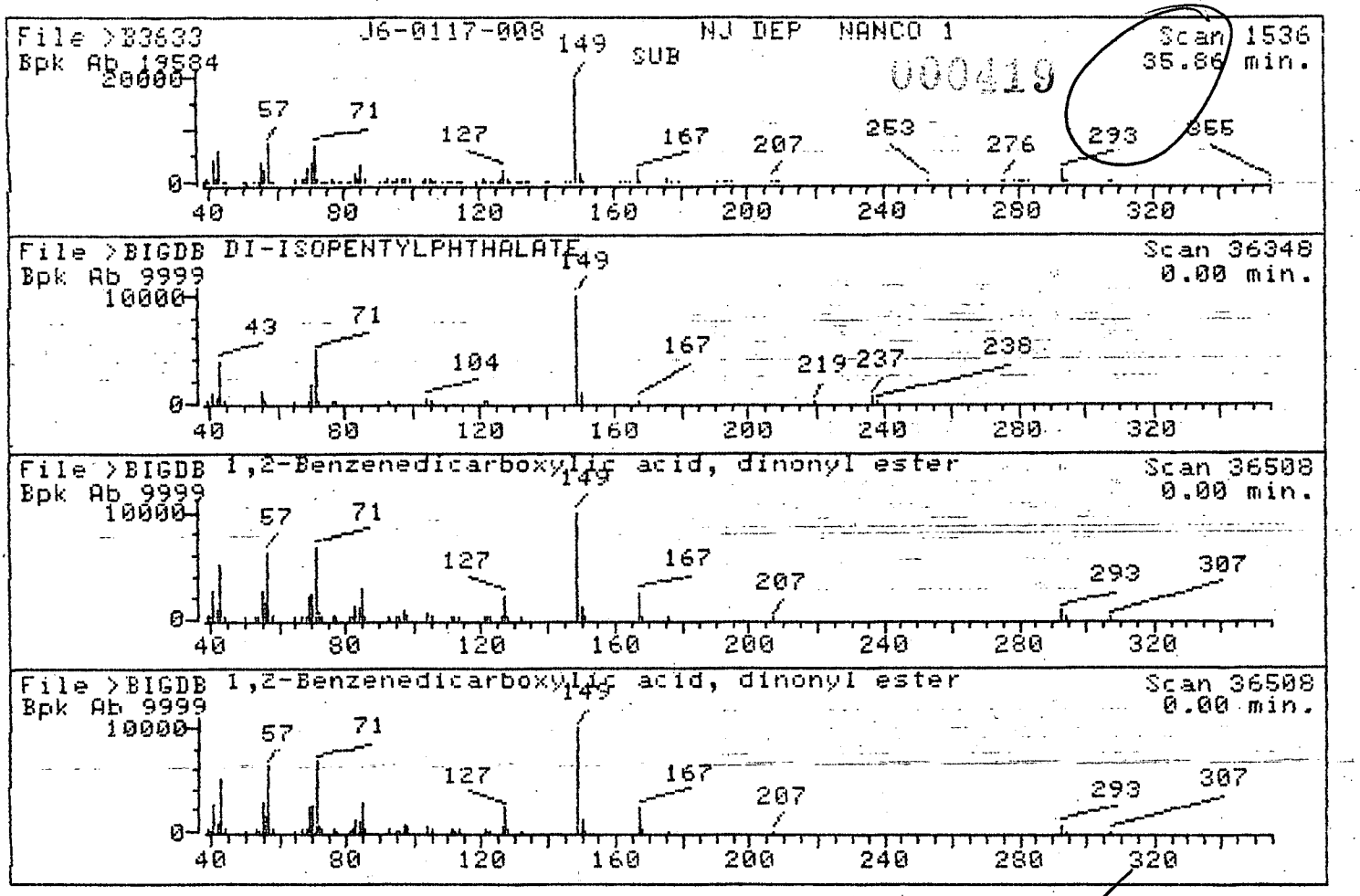


X 259.50

1. 1,2-Benzenedicarboxylic acid, dinonyl ester 418 C26H4204
2. DI-ISOPENTYLPHTHALATE 306 C18H2604

Sample file: >B3633 Spectrum #: 1526
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	44	84764	36508	"BIGDB	71	87	1	0	65	35	16	27
2.	29	0	36348	"BIGDB	60	60	2	0	100	35	12	12

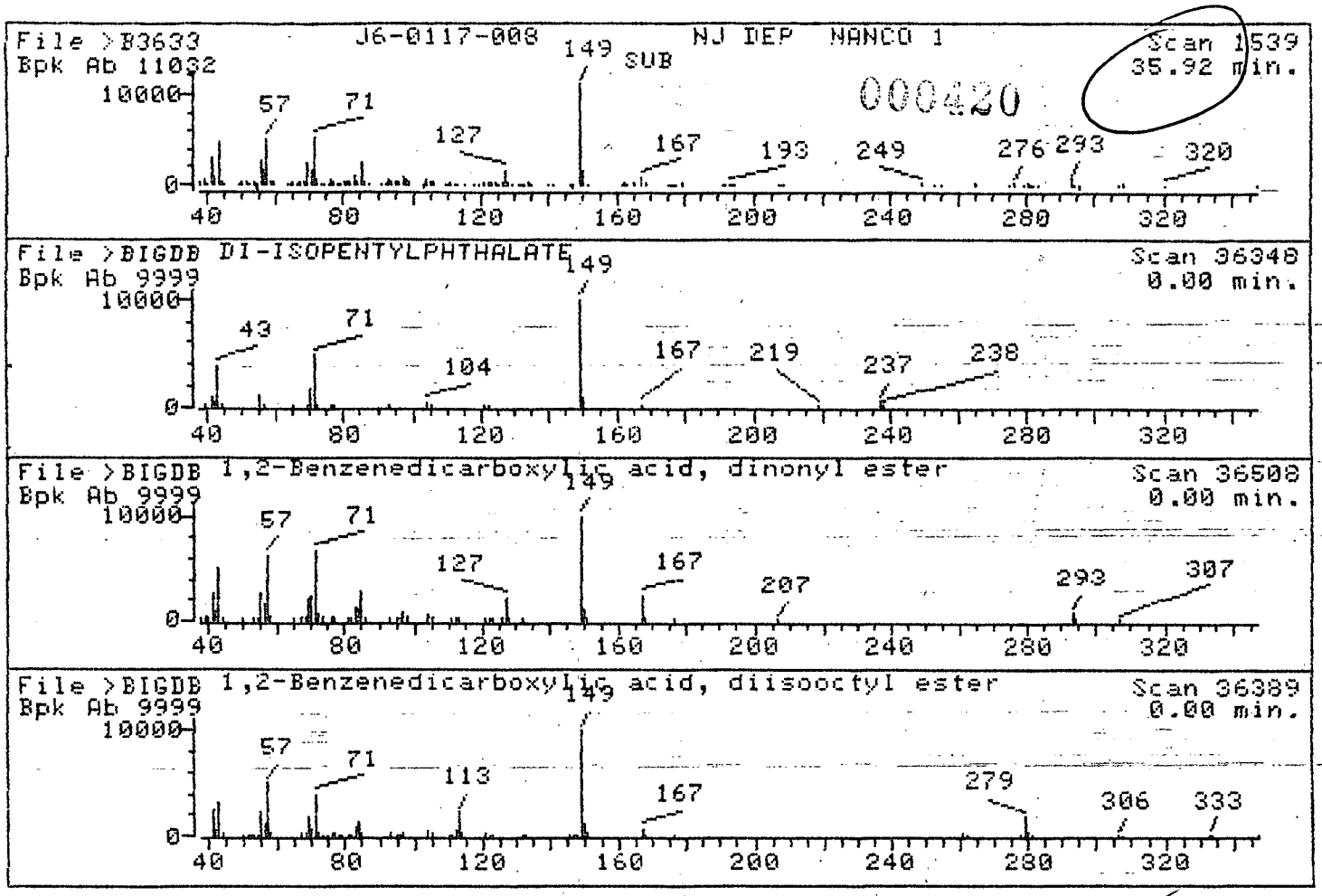


Di-n-oct. phth (HS2)

1. DI-ISOPENTYLPHTHALATE 306 C18H2604
2. 1,2-Benzenedicarboxylic acid, dinonyl ester 418 C26H4204

Sample file: >B3633 Spectrum #: 1536
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	42	0	36348	"BIGDB	77	43	2	0	72	26	14	19
2.	32	84764	36508	"BIGDB	65	70	1	0	37	43	12	23

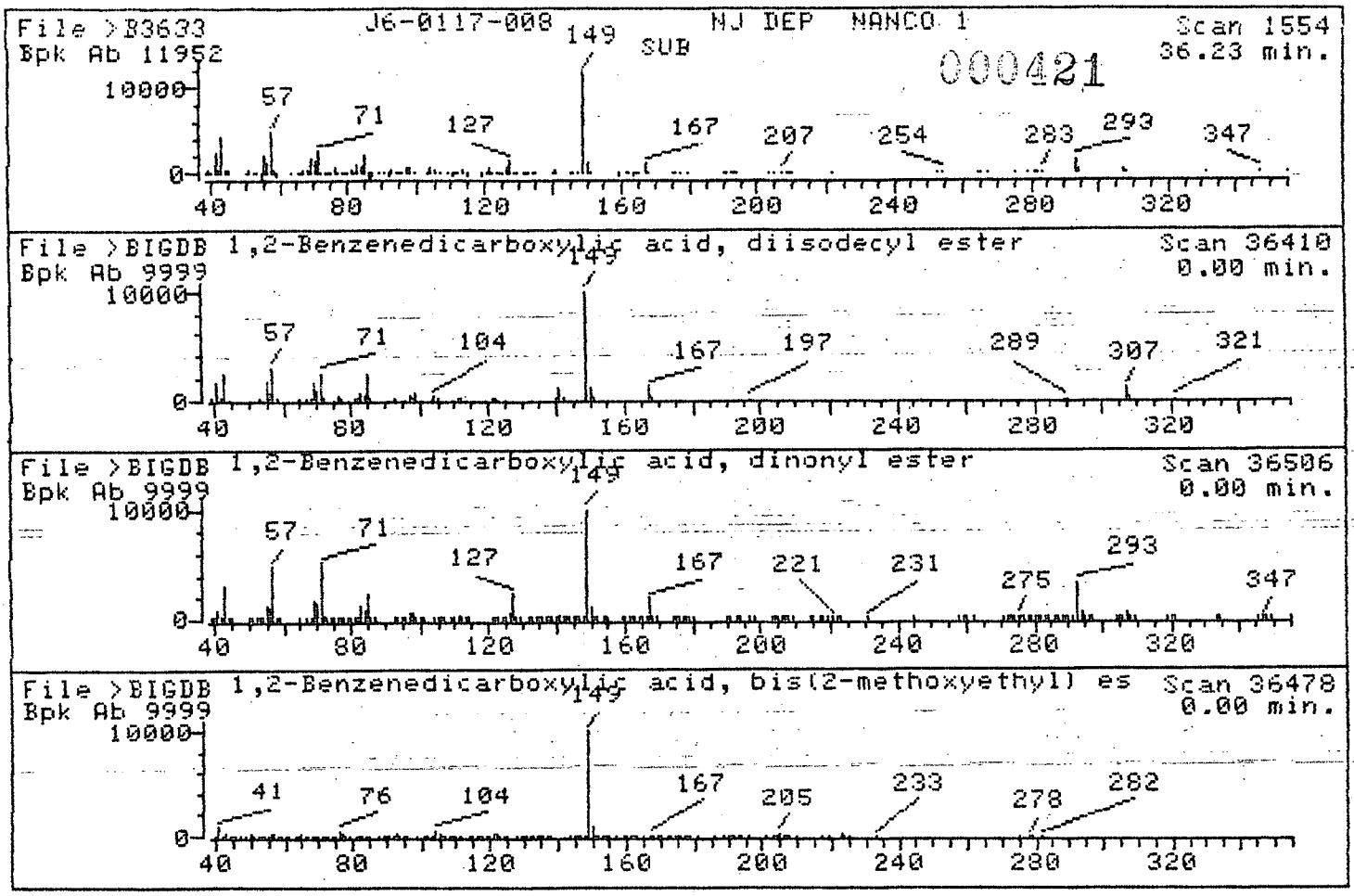


Di-n-oct. phth (#5L)

1. DI-ISOPENTYLPHTHALATE 306 C18H2604
2. 1,2-Benzenedicarboxylic acid, dinonyl ester 418 C26H4204
3. 1,2-Benzenedicarboxylic acid, diisooctyl ester 390 C24H3804
4. 1,2-Benzisothiazole, 3-methyl- 149 C8H7NS
5. 1-Octanol, 2,2-dimethyl- 158 C10H22O

Sample file: >B3633 Spectrum #: 1539
Search speed: 1 Tilting option: N No. of ion ranges searched: 41

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	43	0	36348	"BIGDB	67	53	2	0	76	25	17	14
2.	42	84764	36508	"BIGDB	95	63	2	0	52	37	14	29
3.	42	27554263	36389	"BIGDB	73	71	3	0	92	24	17	13
4.	25*	6187899	36142	"BIGDB	23	76	3	0	100	48	7	12
5.	15	2370141	12116	"BIGDB	49	43	2	0	42	60	3	15



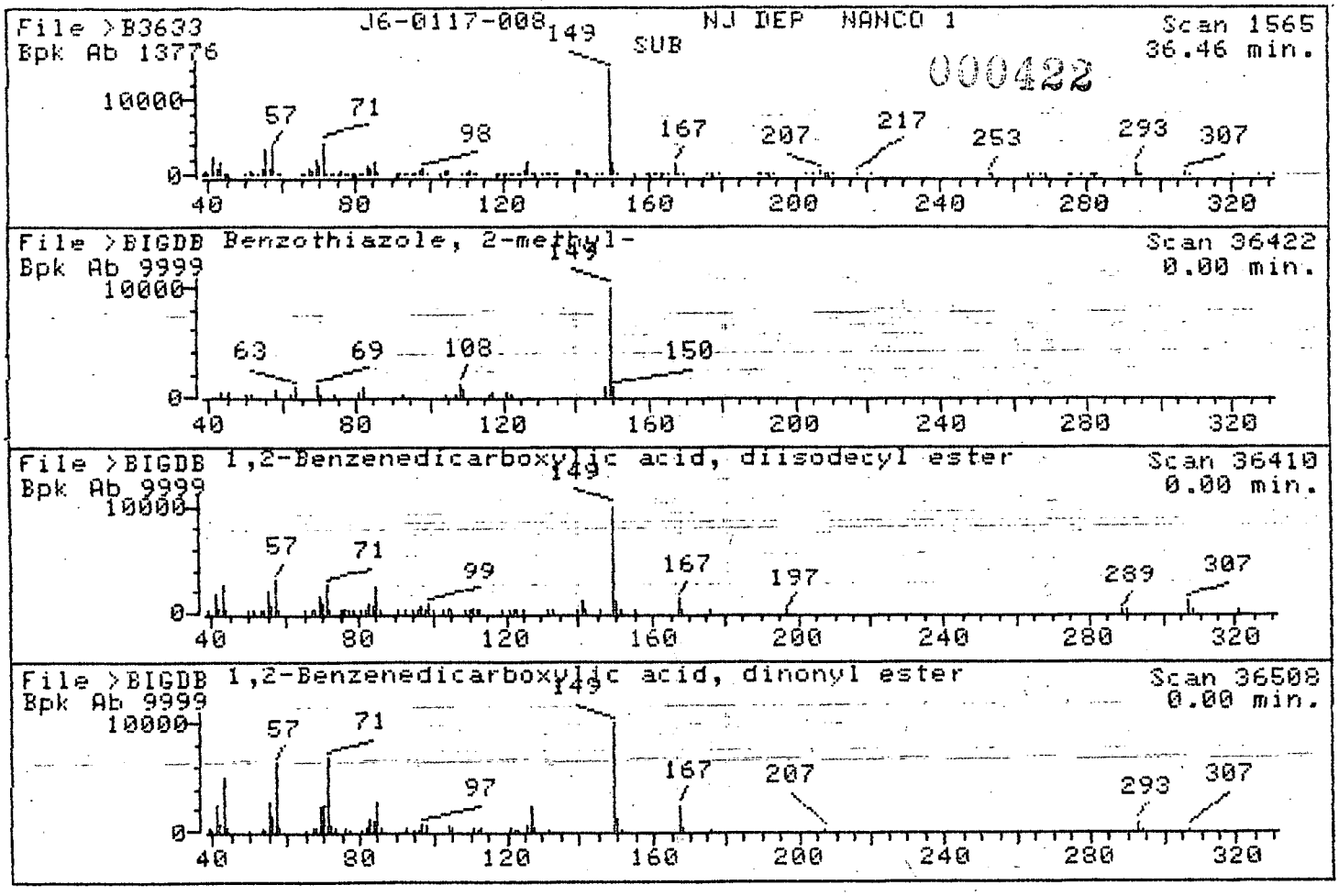
000421

XL251 56

1. 1,2-Benzenedicarboxylic acid, diisodecyl ester 446 C28H4604
2. 1,2-Benzenedicarboxylic acid, dinonyl ester 418 C26H4204
3. 1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl) es ter 282 C14H1806

Sample file: >B3633 Spectrum #: 1554
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	52	26761400	36410	"BIGDB	74	75	2	0	72	16	20	18
2.	41	84764	36506	"BIGDB	74	65	2	0	39	27	14	18
3.	26*	117828	36478	"BIGDB	35	67	2	0	100	44	8	14

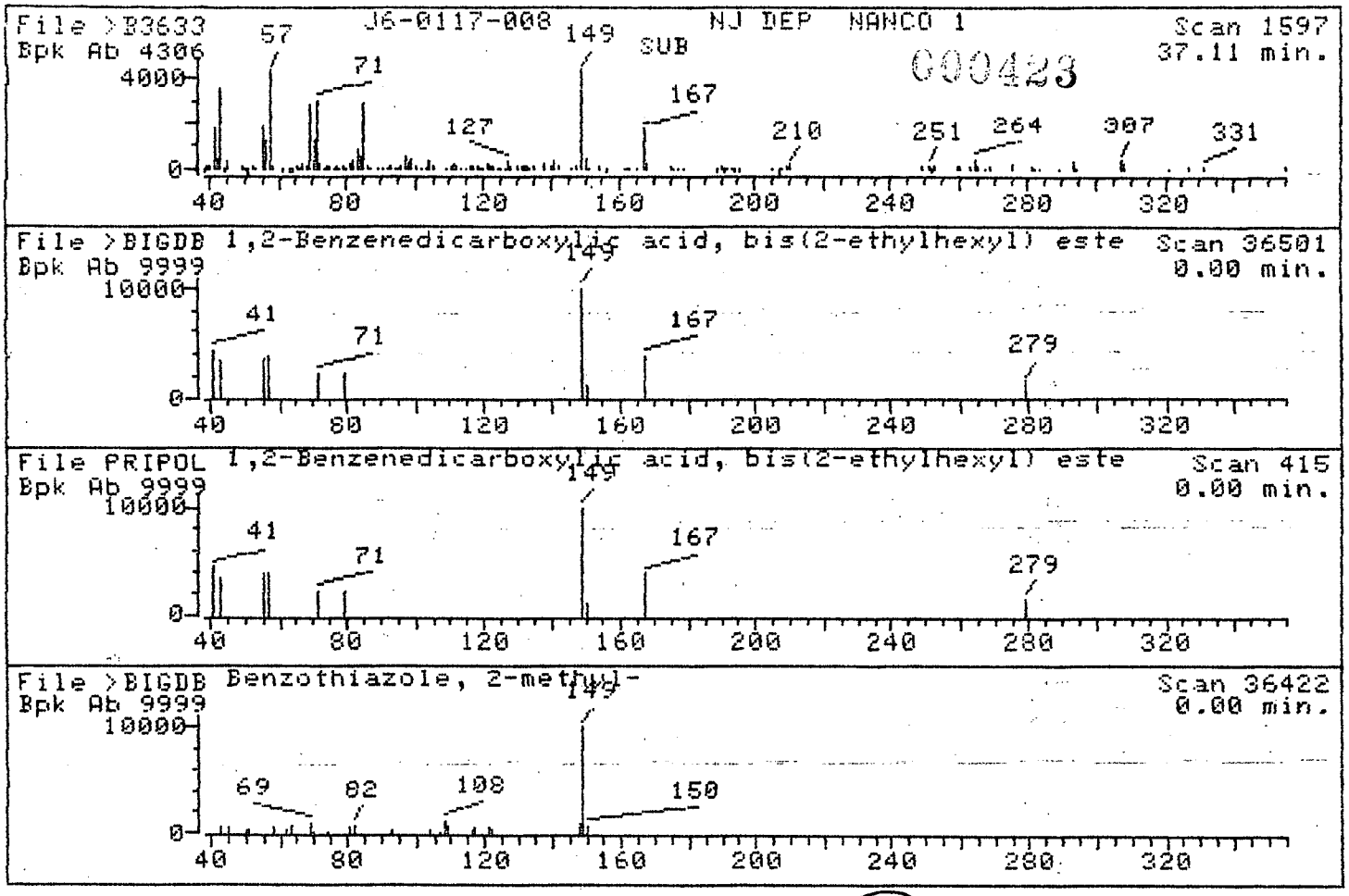


X C253-(8)

1. Benzothiazole, 2-methyl- 149 C8H7NS
2. 1,2-Benzenedicarboxylic acid, diisodecyl ester 446 C28H4604
3. 1,2-Benzenedicarboxylic acid, dinonyl ester 418 C26H4204

Sample file: >B3633 Spectrum #: 1565
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	27*	120752	36422	"BIGDB	26	64	3	0	100	40	10	13
2.	25	26761400	36410	"BIGDB	73	76	2	0	54	46	7	18
3.	25	84764	36508	"BIGDB	58	77	1	0	31	46	7	16

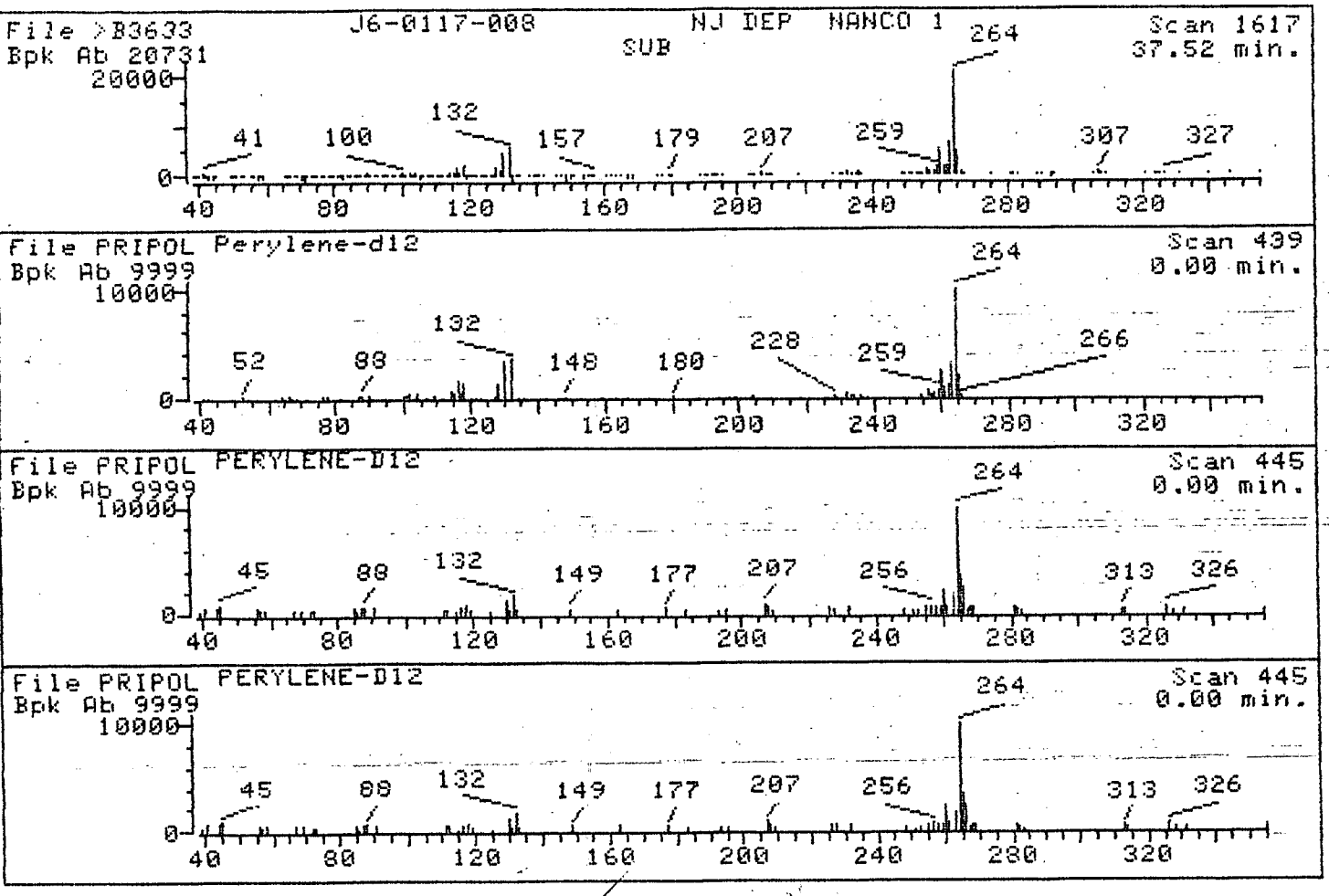


X 25 ppb

1. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
2. 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) este 390 C24H3804
3. Benzothiazole, 2-methyl- 149 C8H7NS
4. 1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl) es ter 282 C14H1806
5. Benzothiazole, 2-methyl- 149 C8H7NS

Sample file: >B3633 Spectrum #: 1597
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	27	117817	36501	"BIGDB	38	36	2	0	88	37	10	13
2.	27	415	250	PRIPOL	38	36	2	0	88	37	10	13
3.	11*	120752	36422	"BIGDB	25	65	3	0	99	62	2	13
4.	11*	117828	36478	"BIGDB	31	71	2	0	97	62	2	14
5.	11*	120752	36141	"BIGDB	28	70	3	0	99	62	2	13



000424

1. Perylene-d12 264 C20.D12

800

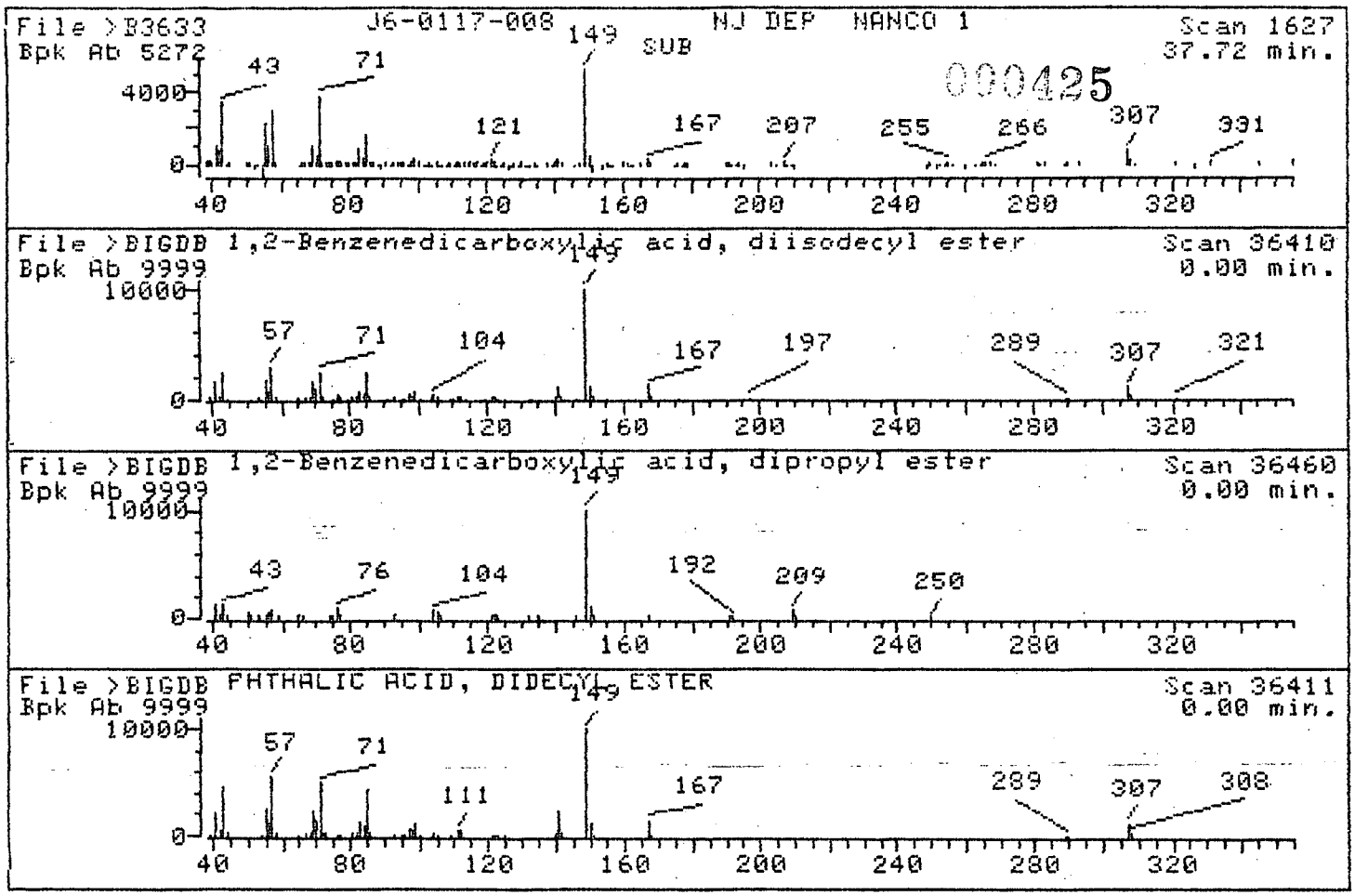
2. PERYLENE-D12 264 C20.D12

BNA

- INTERNAL STD. 1

Sample file: >B3633 Spectrum #: 1617
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	87*	439	418	PRIPOL	74	60	0	0	46	40	47	92
2.	52*	445	419	PRIPOL	32	117	3	0	100	17	20	13

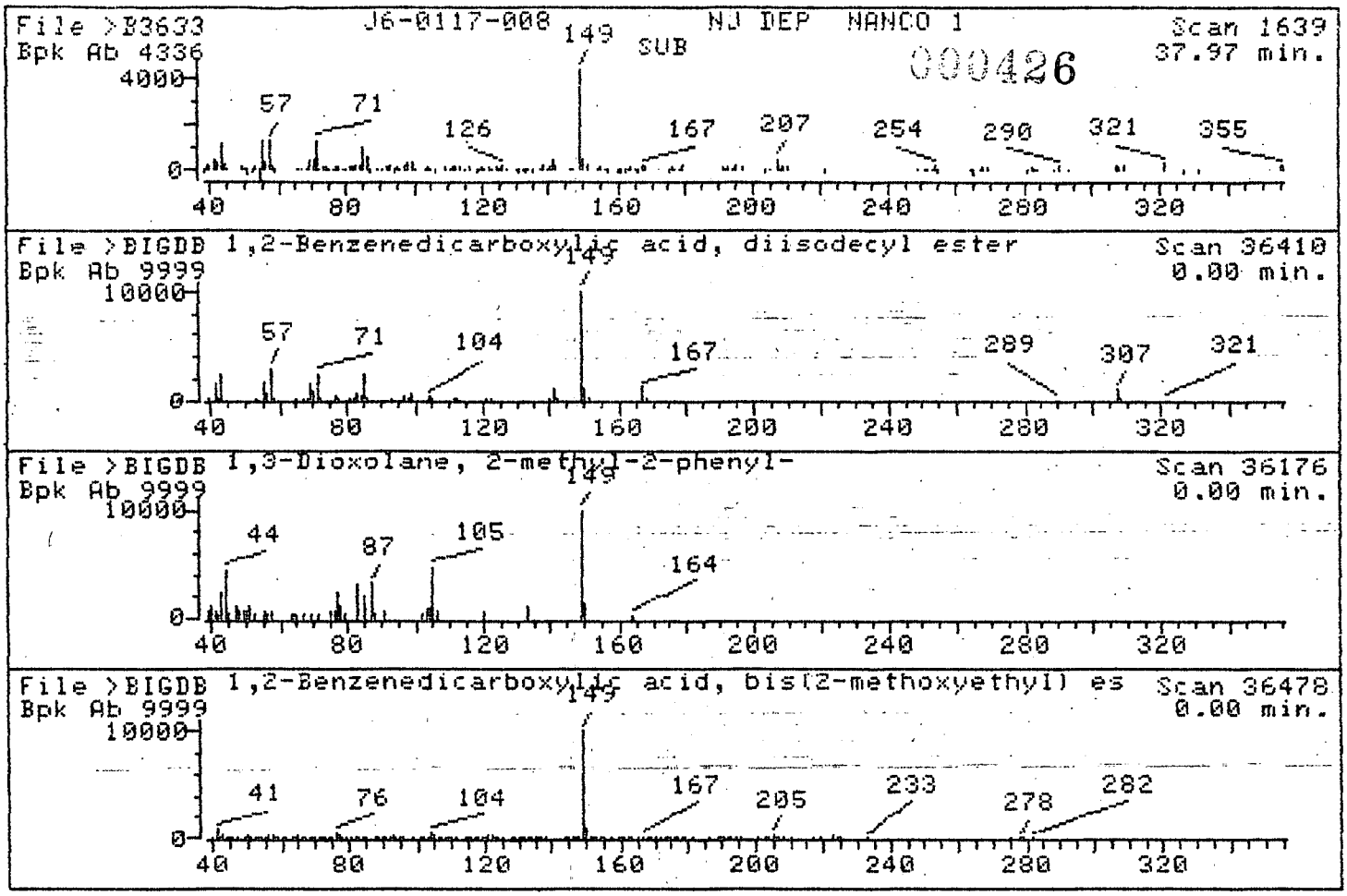


Unknown ester 56

1. 1,2-Benzenedicarboxylic acid, diisodecyl ester 446 C28H4604
2. 1,2-Benzenedicarboxylic acid, dipropyl ester 250 C14H1804
3. PHTHALIC ACID, DIDECYL ESTER 446 C28H4604
4. Benzothiazole, 2-methyl- 149 C8H7NS
5. 1-Undecene, 4-methyl- 168 C12H24

Sample file: >B3633 Spectrum #: 1627
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	52	26761400	36410	"BIGDB	60	89	2	0	100	19	20	12
2.	25*	131168	36460	"BIGDB	22	87	2	0	100	50	7	13
3.	24	84775	36411	"BIGDB	60	107	2	0	60	43	8	12
4.	20*	120752	36422	"BIGDB	30	60	3	0	100	52	5	13
5.	11*	74630390	12143	"BIGDB	26	73	3	0	66	64	2	13



000426

Unknown ester

1. 1,2-Benzenedicarboxylic acid, diisodecyl ester 446 C28H4604
2. 1,3-Dioxolane, 2-methyl-2-phenyl- 164 C10H1202
3. 1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl) es ter 282 C14H1806
4. Benzothiazole, 2-methyl- 149 C8H7NS
5. Benzothiazole, 2-methyl- 149 C8H7NS

Sample file: >B3633 Spectrum #: 1639
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	52	26761400	36410	"BIGDB	70	79	2	0	72	19	20	16
2.	35*	3674779	36176	"BIGDB	22	93	3	0	100	29	14	12
3.	26*	117828	36478	"BIGDB	29	73	2	0	98	41	8	14
4.	25*	120752	36422	"BIGDB	26	64	3	0	100	41	8	13
5.	24*	120752	36141	"BIGDB	22	76	3	0	100	41	8	12

NJ DEP QC 008 BNA 10/8/86 1079

JB 3631 BLANK 115-008

000427

Di-n-But. phth 4.0 J ug/L
bis(2 Eth hex) phth 9.2 J

SURR
phenol-d5 48 %
2Fl phenol 58
Nitrobenz 108
2Fl biphe 110
Bromol 114
Terphe 130

TICS b= 40x2.22 = 88.8
(127184) Ethene, tetrachloro- (6.321) cx=(745040/994218)xb= 66 J

JB3632 J6-0115-008

bis (2Eth hex) phth 84 B ug/L
Di-n-oct. Phth 8.8 J

SURR
phenol-d5 22 %
2Fl Phenol 22
Nitro benz 60
2Fl biph 71
Bromol 28
Terphenyl 50 ~~132~~ 133

TICS b= 40x2.22 = 88.8
(127184) Ethene, tetrachloro- (6.289) cx=(330442/807029)xb = 36 JB

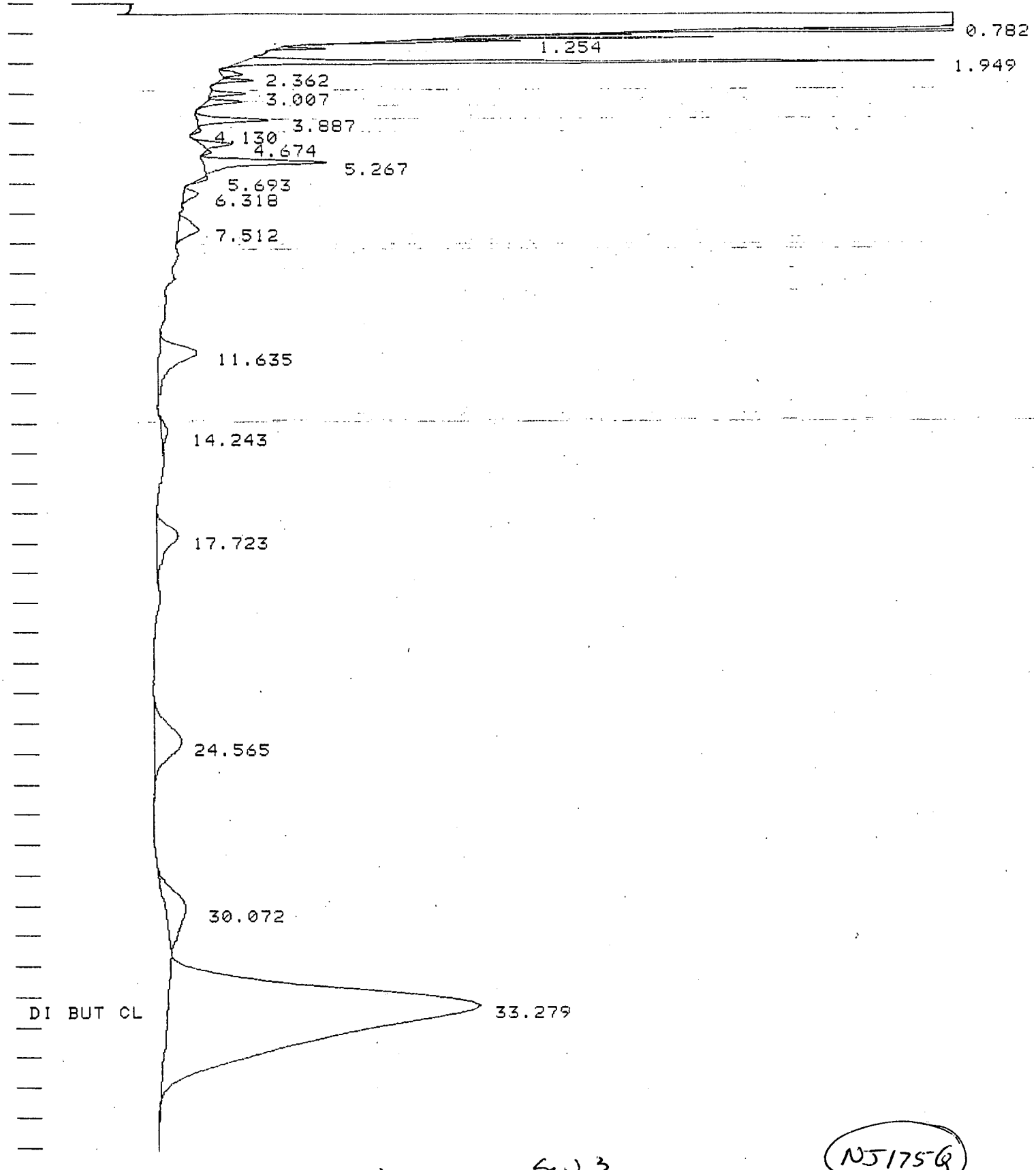
unknown ester (36.171) cx=(78716/264653)xb= 26 J

unknow Hydrocarbon (36.415) cx=(101737/264653)xb= 34 J

1

000428

CHART SPEED 0.6 CM/MIN
ATTEN: 4 ZERO: 5% 1 MIN/TICK



varian /sunnyvale, calif. p/n 03-906362-00

SW 3

NJ175-G

2

SW 3

(NJ1754)

TITLE: PESTICIDE & PCB ANALYSIS 1:17 2 OCT 86

CHANNEL NO: 2 SAMPLE: J6-0117-008 METHOD: PEST4Q

PEAK NO	PEAK NAME	RESULT %	TIME (MIN)	TIME OFFSET	AREA COUNTS	RRT	SEP CODE		W1/2 (SEC)
1		0.6445	0.782		1689	0.02	BB		1.10
2		6.3812	0.947		16722	0.03	BB		2.35
3		0.3213	1.038		842	0.03	T		1.55
4		1.3425	1.156		3518	0.03	BB		2.50
5		1.0620	1.254		2783	0.04	BB		2.60
6		0.3007	1.505		788	0.05	BB		2.95
7		6.8040	1.949		17830	0.06	BB		4.65
8		0.3354	2.362		879	0.07	BB	?	8.20
9		0.3438	2.558		901	0.08	BB		5.55
10		0.4675	3.007		1225	0.09	BB	?	6.90
11		0.5446	3.279		1427	0.10	BB		7.05
12		1.3127	3.887		3440	0.12	BB		9.35
13		0.0916	4.130		240	0.12	T	?	20.00
14		0.5587	4.674		1464	0.14	BB		12.85
15		0.0862	4.933		226	0.15	BB	?	17.00
16		2.7144	5.267		7113	0.16	BB		11.40
17		0.1481	5.693		388	0.17	BB	?	28.10
18		0.4747	6.318		1244	0.19	BB		16.80
19		1.1338	7.512		2971	0.23	BB	?	28.80
20		3.0078	11.635		7882	0.35	BB		37.05
21		0.4789	14.243		1255	0.43	BB		43.20
22		2.0099	17.723		5267	0.53	BB		45.20
23		3.7420	24.565		9806	0.74	BB	?	67.50
24		3.3413	30.072		8756	0.90	BB	?	83.40
25	DI BUT CL	62.3522	33.279	0.219	163394	1.00	BB		106.60
TOTALS:		99.9998		0.219	262050				

DETECTED PKS: 25 REJECTED PKS: 0

000629

MULTIPLIER: 1.00000

NOISE: 18.2 OFFSET: -61

RACK: 8 VIAL: 2 INJ: 1

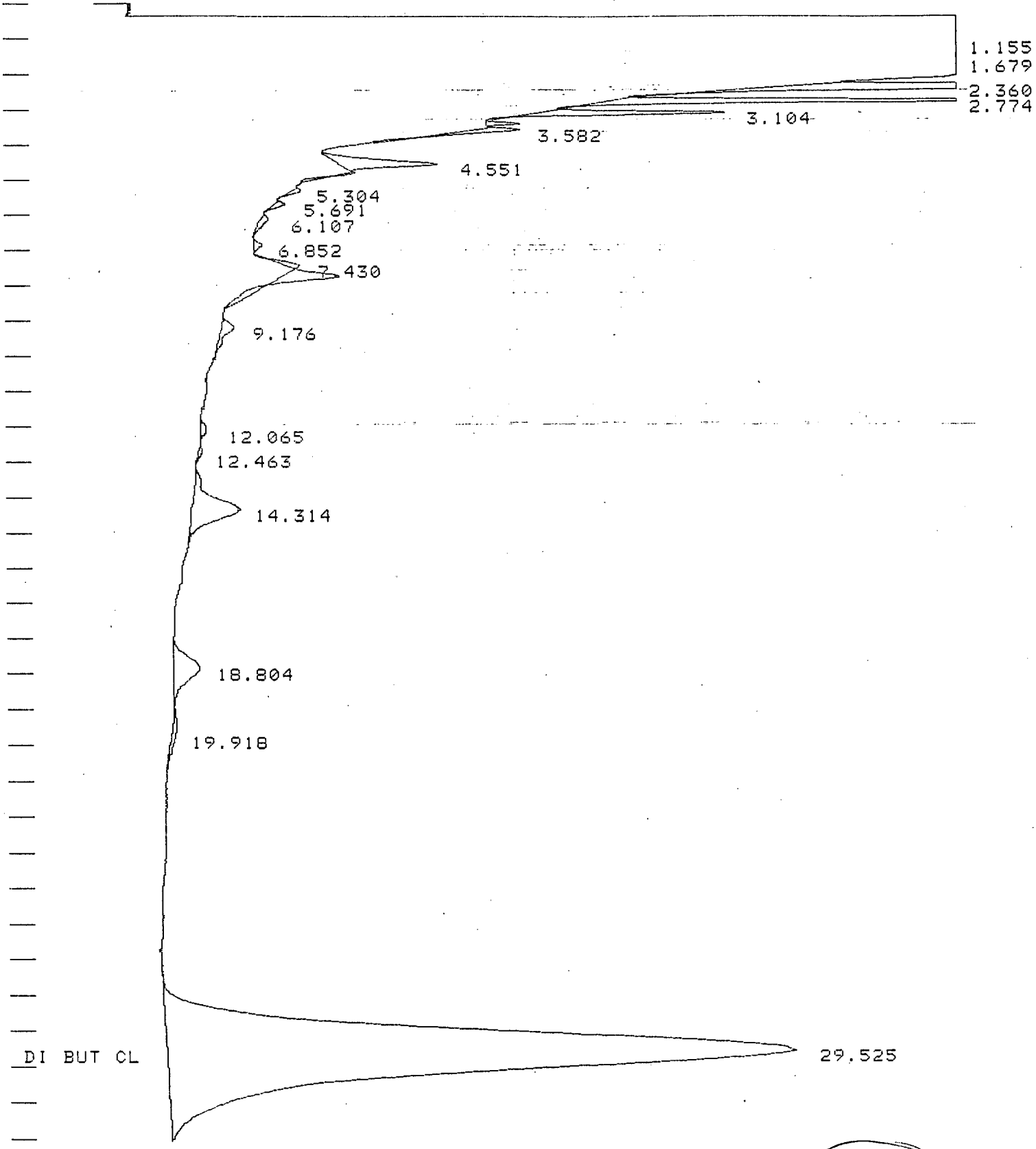
SAVED FILE: PEST4Q013

NOTES:
***** NANCO LABS, INC *****
1.95%SP2401+1.5%SP2250 ON 100/120 SUPEL.
LENGTH:2.0M; OD:1/4"; ID:2MM; GLASS
INJ @ 200°C;DET @ 250°C; ECD RANGE: 10
OVEN: 192°C ISOTHERMAL; UL INJECTED:3.0
GC: VARIAN 3700 #2; MODEL #371116-00
CARRIER GAS: 95%AR+5%ME @ 22ML/MIN
ANALYST: S. EASTER

varian /sunnyvale, calif. p/n 03-906362-00

000430

CHART SPEED 0.7 CM/MIN
ATTEN: 4 ZERO: 5% 1 MIN/TICK



varian /sunnyvale, calif. p/n 03-906362-00

Sui 3

NJ176c

6

SW3

(NJ176C)

TITLE: PESTICIDE & PCB ANALYSIS 13:23 30 SEP 86

CHANNEL NO: 1 SAMPLE: J6-0117-008 METHOD: PEST4C

PEAK NO	PEAK NAME	RESULT %	TIME (MIN)	TIME OFFSET	AREA COUNTS	RRT	SEP CODE	W1/2 (SEC)
1		6.0482	1.155		20926	0.04	BB	2.75
2		1.1997	1.424		4151	0.05	BB	2.50
3		0.6564	1.679		2271	0.06	BB	2.85
4		8.6130	2.360		29800	0.08	BB	6.00
5		4.2698	2.774		14773	0.09	BB	6.20
6		1.8847	3.104		6521	0.10	BB	6.30
7		0.2191	3.412		758	0.12	BB	5.05
8		0.8506	3.582		2943	0.12	BB	5.75
9		1.6951	4.551		5865	0.15	BB	? 13.55
10		0.1474	5.304		510	0.18	BB	6.90
11		0.1752	5.691		606	0.19	BB	8.20
12		0.1948	6.107		674	0.21	BB	? 14.30
13		0.1532	6.852		530	0.23	BB	14.10
14		0.1604	7.430		555	0.25	BB	? 18.40
15		0.7035	7.730		2434	0.26	BB	? 20.35
16		0.4633	9.176		1603	0.31	BB	16.40
17		0.1642	12.065		568	0.41	BB	? 20.85
18		2.7651	14.314		9567	0.48	BB	? 34.75
19		1.6157	18.804		5590	0.64	BB	44.25
20		0.3668	19.918		1269	0.68	T	?107.70
21	DI BUT CL	67.6539	29.525	0.525	234075	1.00	BB	? 72.05
TOTALS:		100.0000		0.525	345989			

DETECTED PKS: 23 REJECTED PKS: 2

431

MULTIPLIER: 1.00000

NOISE: 13.4 OFFSET: -20

RACK: 3 VIAL: 3 INJ: 1

SAVED FILE: PEST4C114

NOTES:
***** NANCO LABS, INC *****
3% SP2100 ON 100/120 SUPELCOPORT
LENGTH:2.0M; OD:1/4"; ID:2MM; GLASS
INJ @ 200°C;DET @ 250°C; ECD RANGE: 10
OVEN: 192°C ISOTHERMAL; UL INJECTED: 3.0
GC: VARIAN 3700 #2; MODEL #371116-00
CARRIER GAS: 95%AR+5%ME @ 30ML/MIN
ANALYST: S. EASTER

varian / sunnyvale, calif. p/n 03-906362-00