182419

001502

SAMPLE DATA

TRIP BLANK #2

ORGANICS ANALYSIS DATA SHEET
(PAGE 1)

001503

SAMPLE NUMBER

TRIP BLANK #2

Laboratory Name:NANCO LABORATORY INC.
Lab Sample ID No:>P3294
Sample Matrix: WATER
Data Release Authorized By: Sohail Jahani

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

VOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 09/23/86
Date Analyzed: 09/23/86
Conc/Dil Factor: 1
pH: 6.6 pg
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	0.8 J	124-48-1	Dibromochloromethane	5.0 U
67-64-1	ACETONE	10.0 U	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.

ORGANICS ANALYSIS DATA SHEET
(PAGE 4)

SAMPLE NUMBER

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

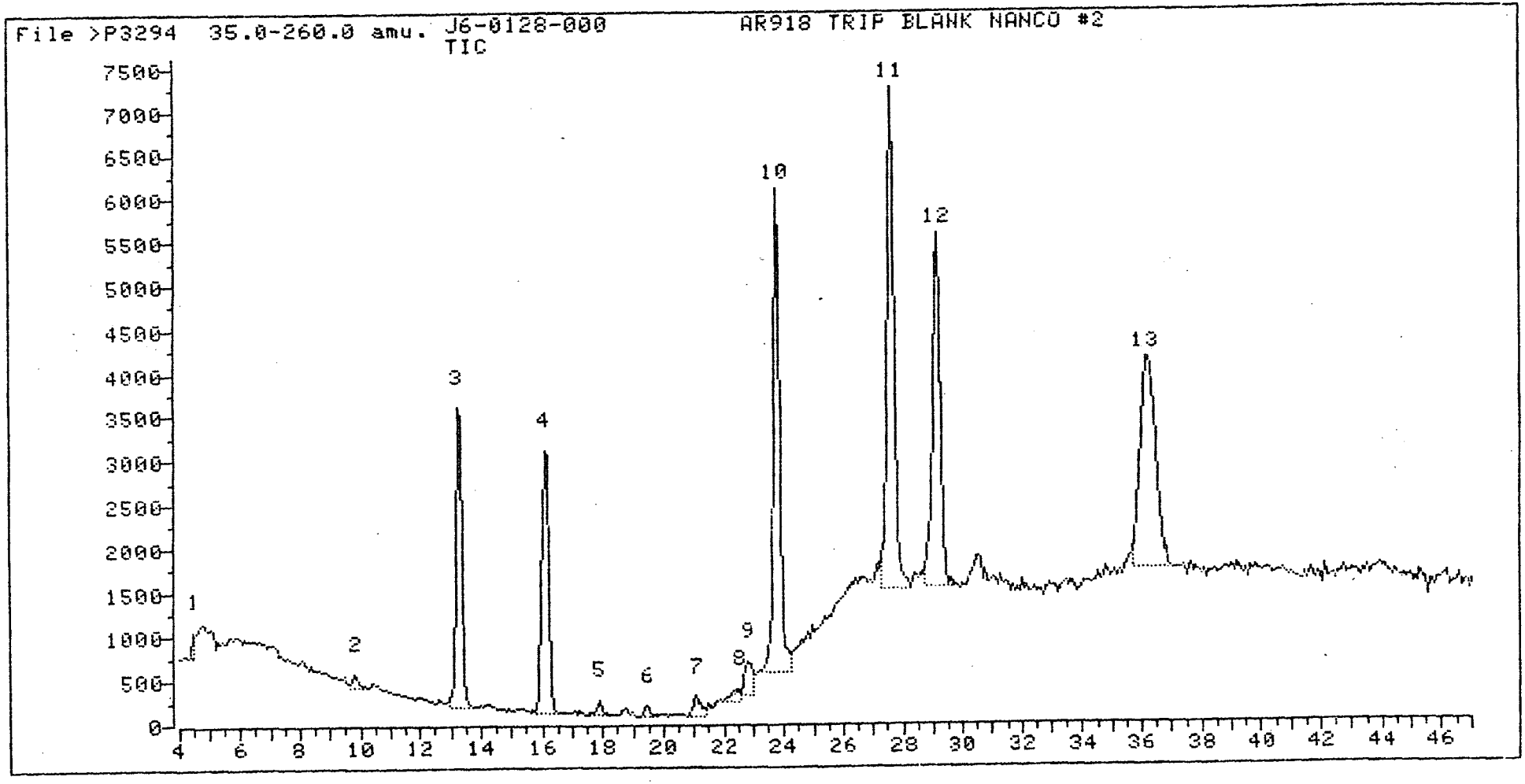
TRIP BLANK #2

001504

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					
6	-----	NOT REQUIRED	BNA	-----	---------
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

9/23/86 8:50



PK#

3	BROMOCHLOROMETHANE	(IS)
10	1,4-DIFLUOROBENZENE	(IS)
12	CHLOROBENZENE-d5	(IS)
4	1,2-DICHLOROETHANE-d4	(SR)
11	TOLUENE-d8	(SR)
13	4-BROMOFLUOROBENZENE	(SR)

001505

QUANT REPORT

Operator ID: DALY
Output File: ^P3294::PS
Data File: . :P3294::D2
Name: J6-0128-000
Misc: AP918 TRIP BLANK NANCO #2

Quant Rev: 4
Quant Time: 860911 09:37
Injected at 860923 08:50
Dilution Factor: 1.00

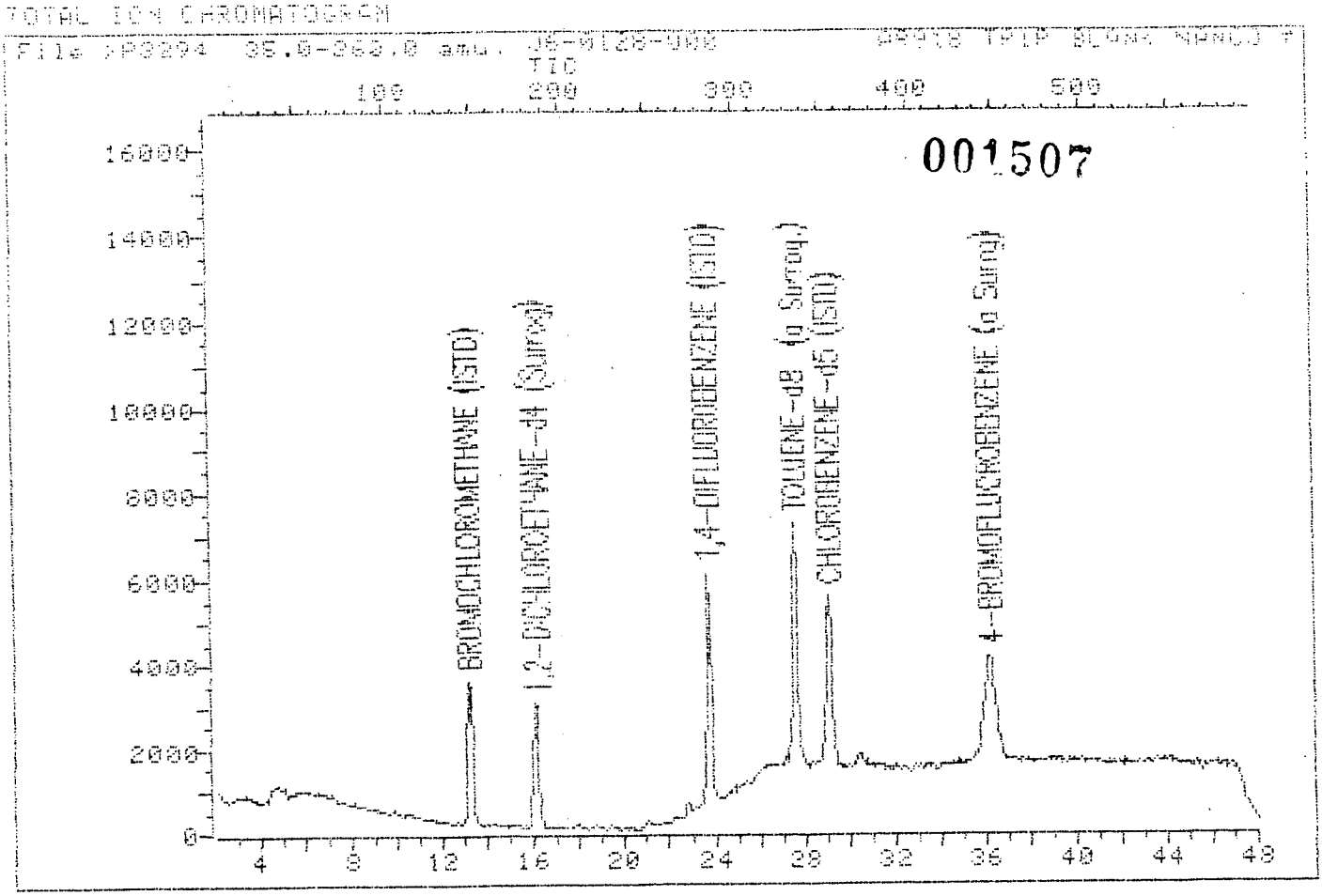
001500

ID File: IDEPA2::NA
Title: IDEPA VOA
Last Calibration: 860923 07:47

	Compound	R.T.	Scan#	Area	Conc	Units	Q
1)	*BROMOCHLOROMETHANE (ISTD)	13.22	146	6216	50.00	UG	77
6)	Methylene Chloride	9.84	102	253	.82	UG	99
14)	*1,4-DIFLUOROBENZENE (ISTD)	23.76	263	27479	50.00	UG	98
29)	*CHLOROBENZENE-d5 (ISTD)	29.14	353	20607	50.00	UG	94
39)	TOLUENE-d8 (a Surrog.)	27.60	333	27089	47.73	UG	98
40)	4-BROMOFLUOROBENZENE (a Surrog)	36.22	445	18761	51.19	UG	85
41)	*[BROMOCHLOROMETHANE (ISTD)]	13.22	146	6216	50.00	UG	77
42)	1,2-DICHLOROETHANE-d4 (Surrog)	16.14	184	14749	46.38	UG	96

* Compound is ISTD

TOTAL ION CHROMATOGRAM

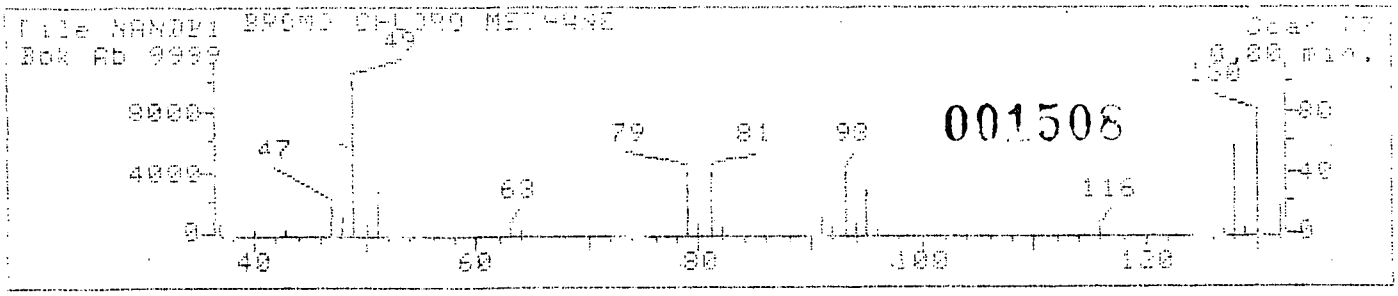


Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2

Id File: IDEPA2::NA
Title: IDEPA VOA
Last Calibration: 860923 07:47

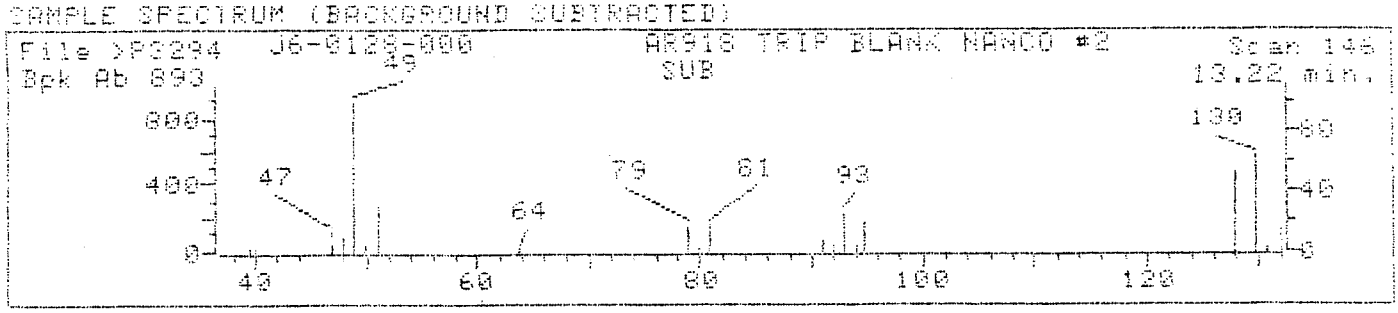
Operator ID: DALY
Quant Time: 860923 09:39
Injected at: 860923 08:50

REFERENCE STANDARD SPECTRUM

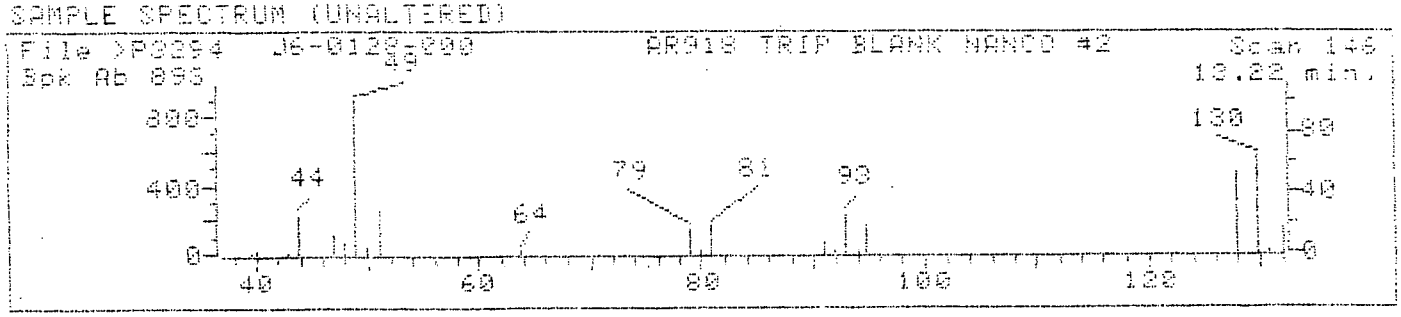


001508

SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

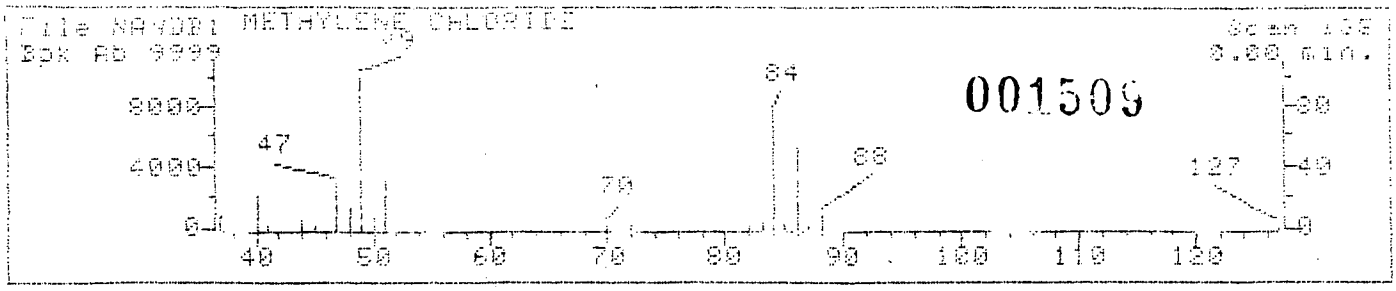


Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2
Quant Time: 860923 09:39
Injected at: 860923 08:50

Compound No: 1 (ISTD)
Compound Name: BROMOCHLOROMETHANE (ISTD)
Scan Number: 146
Retention Time: 13.22 min.
Area: 6216
Concentration: 50.00 UG
a-value: 77

plg

REFERENCE STANDARD SPECTRUM



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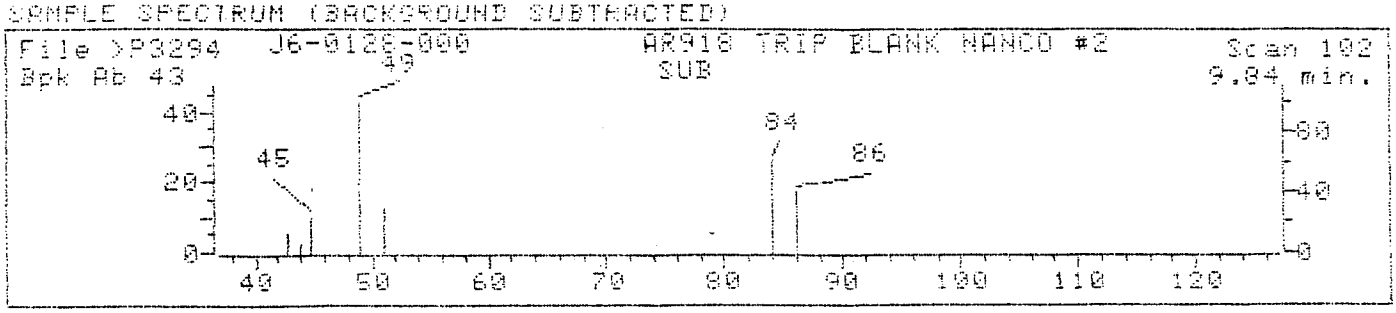
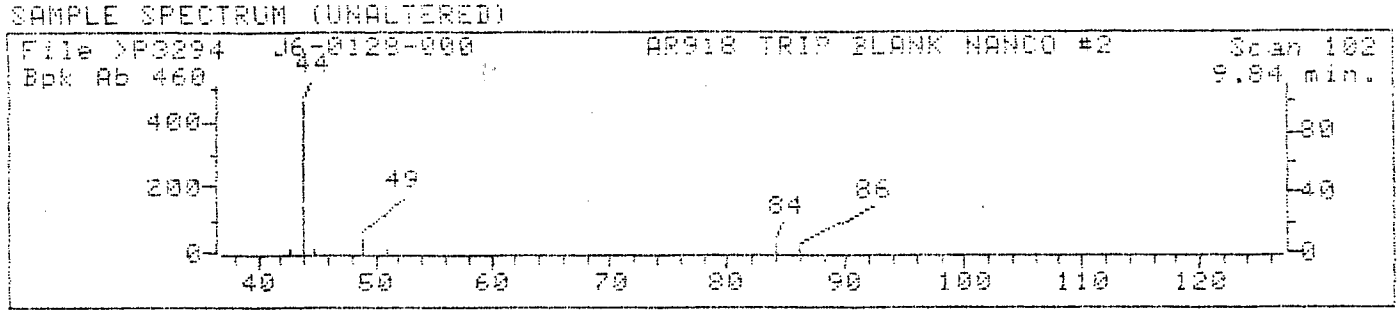


SAMPLE SPECTRUM (UNALTERED)

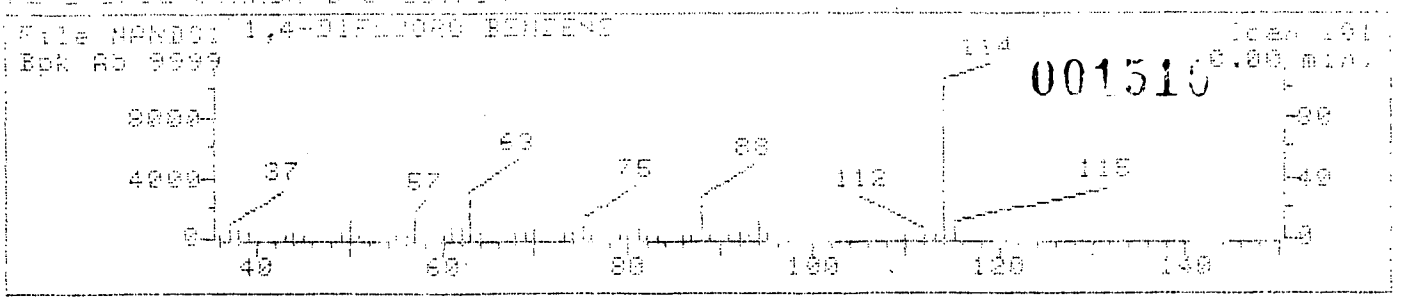


Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2
Quant Time: 860923 09:39
Injected at: 860923 08:50

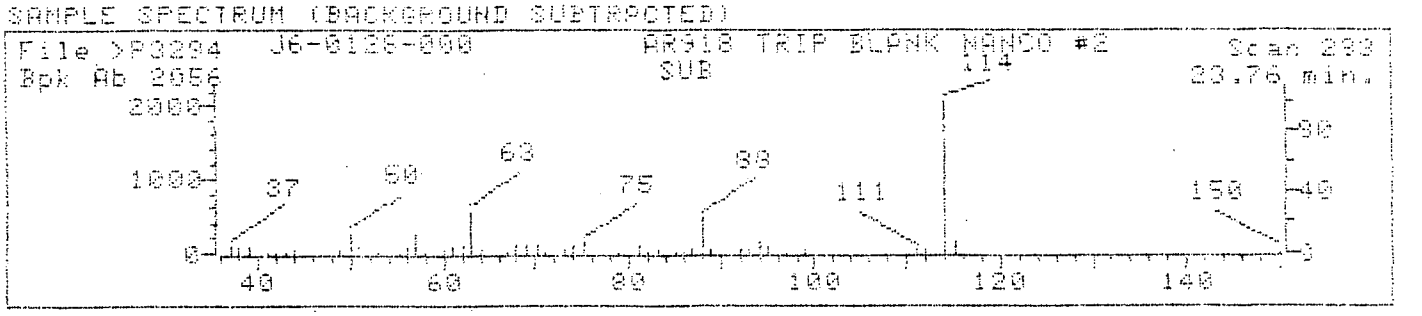
Compound No: 6
Compound Name: Methylene Chloride
Scan Number: 102
Retention Time: 9.84 min.
Area: 253
Concentration: .82 UG
a-value: 99

pl9

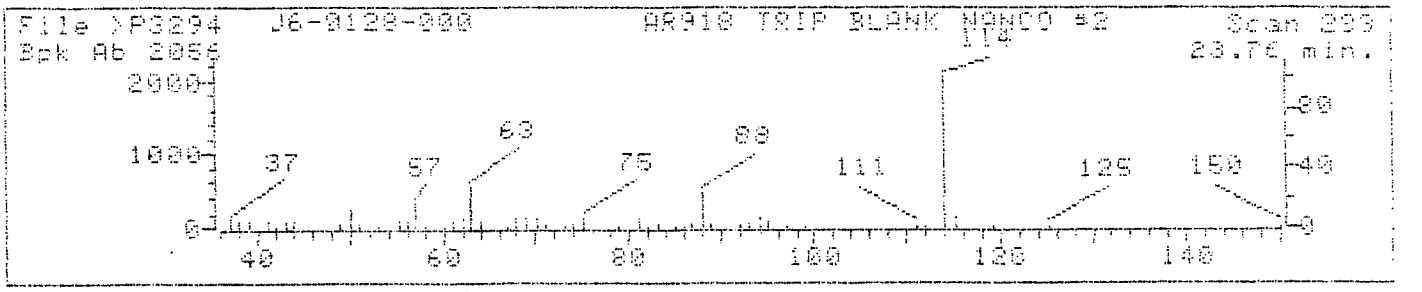
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

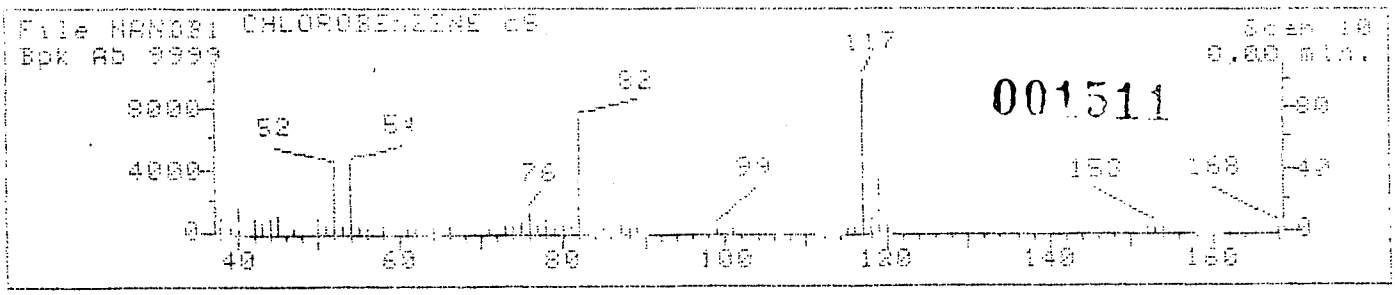


Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2
Quant Time: 860923 09:39
Injected at: 860923 08:50

Compound No: 14 (ISTD)
Compound Name: 1,4-DIFLUOROBENZENE (ISTD)
Scan Number: 283
Retention Time: 23.76 min.
Area: 27479
Concentration: 50.00 UG
a-value: 98

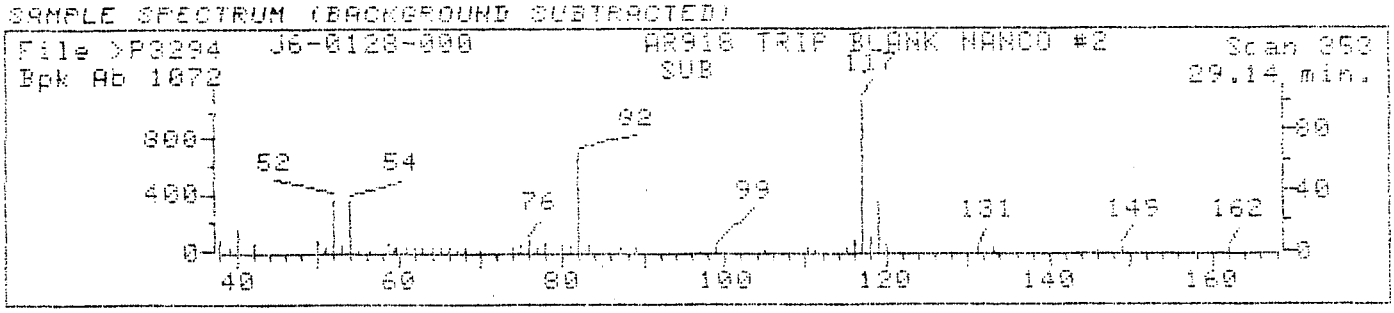
pl9

REFERENCE STANDARD SPECTRUM

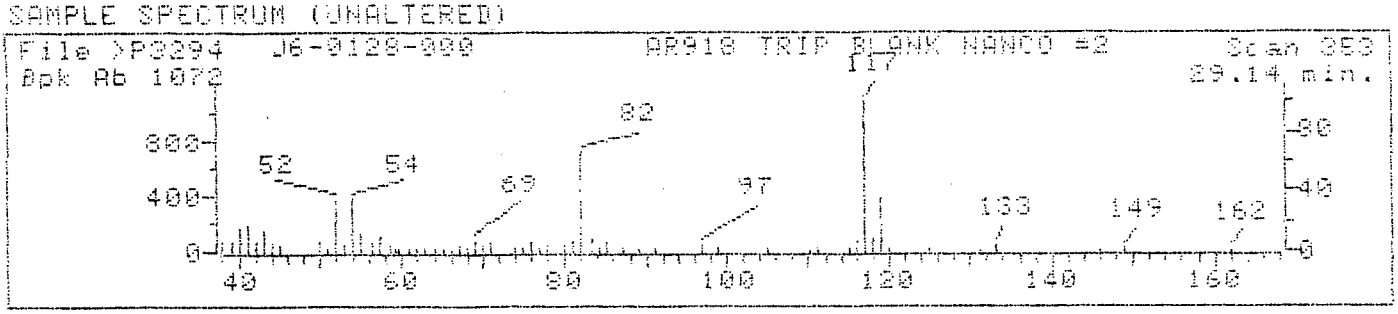


001511

SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

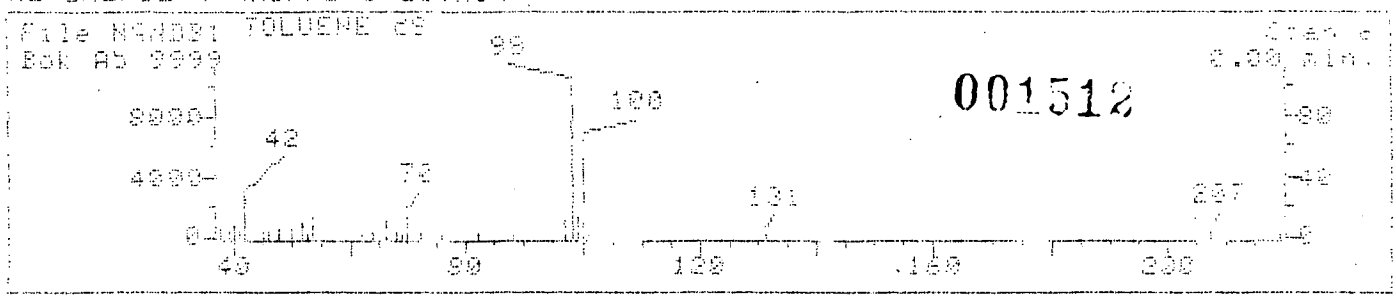


Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2
Quant Time: 860923 09:39
Injected at: 860923 08:50

Compound No: 29 (ISTD)
Compound Name: CHLOROBENZENE-d5 (ISTD)
Scan Number: 353
Retention Time: 29.14 min.
Area: 20607
Concentration: 50.00 UG
o-value: 94

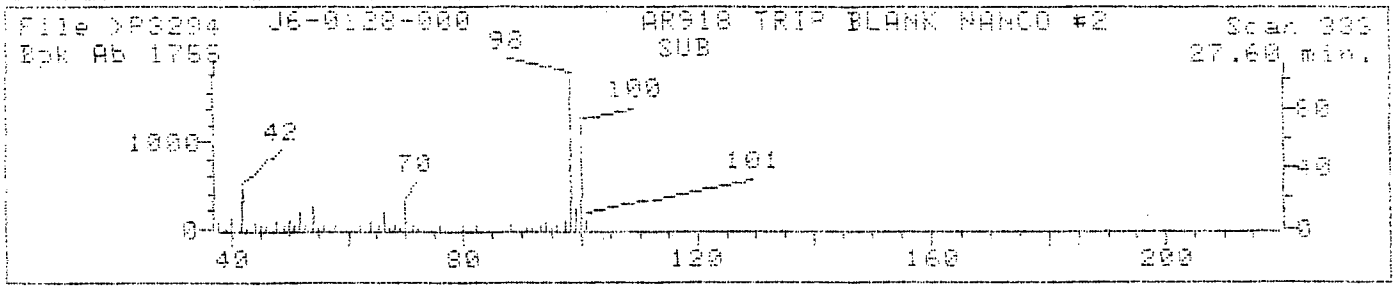
plg

REFERENCE STANDARD SPECTRUM

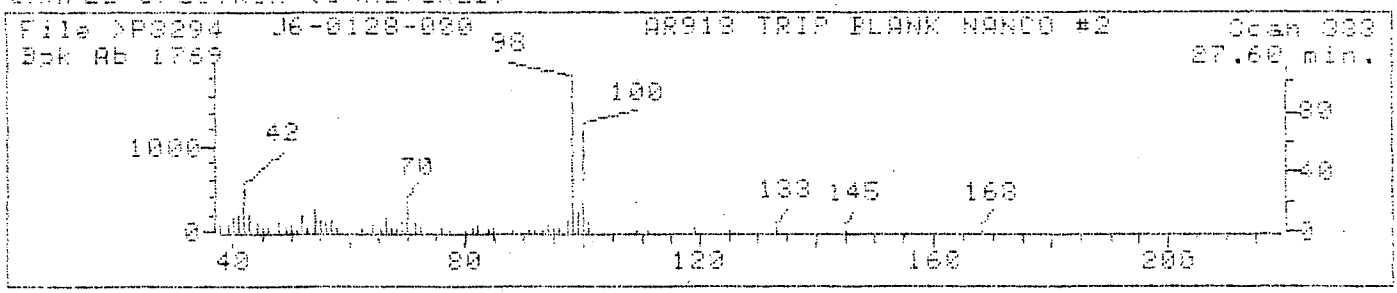


001512

SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

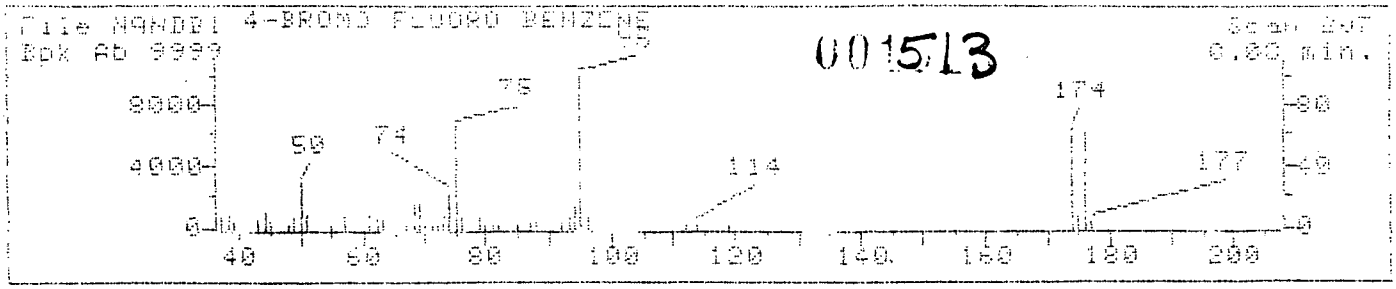


Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2
Quant Time: 860923 09:39
Injected at: 860923 08:50

Compound No: 39
Compound Name: TOLUENE-d8 (a Surrog.)
Scan Number: 333
Retention Time: 27.60 min.
Area: 27089
Concentration: 47.73 UG
a-value: 98

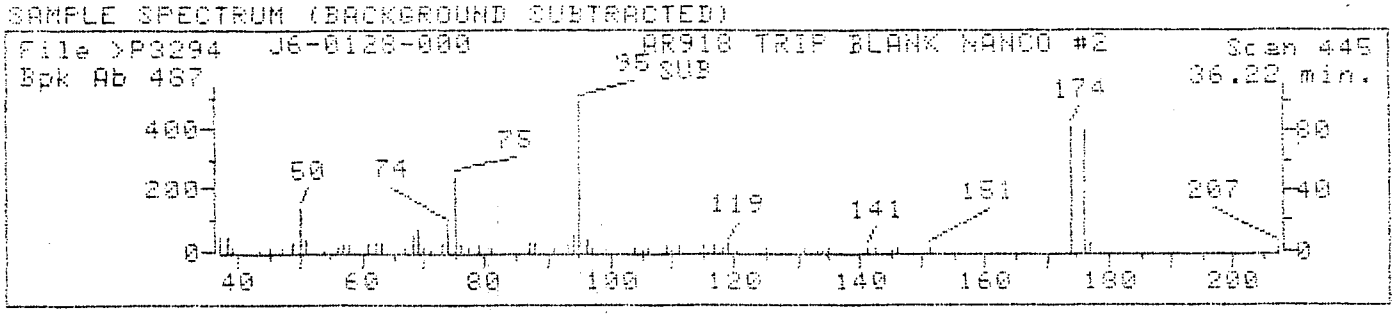
p19

REFERENCE STANDARD SPECTRUM

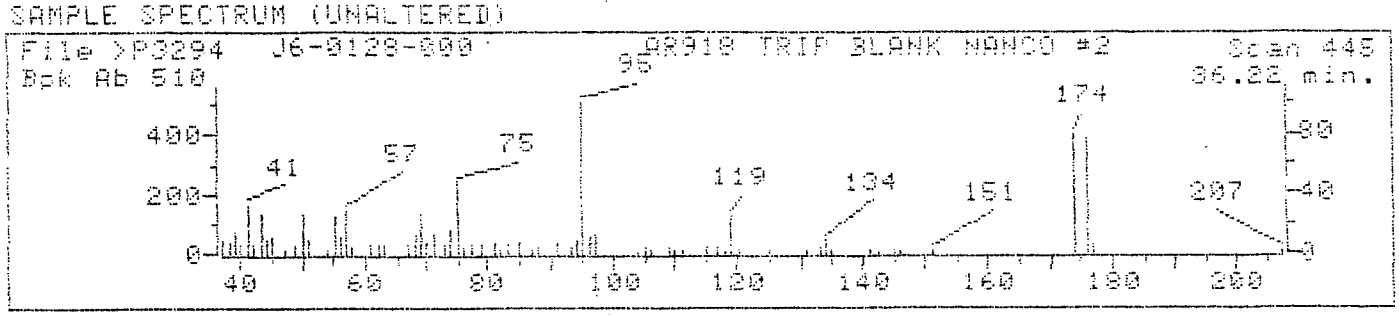


001513

SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

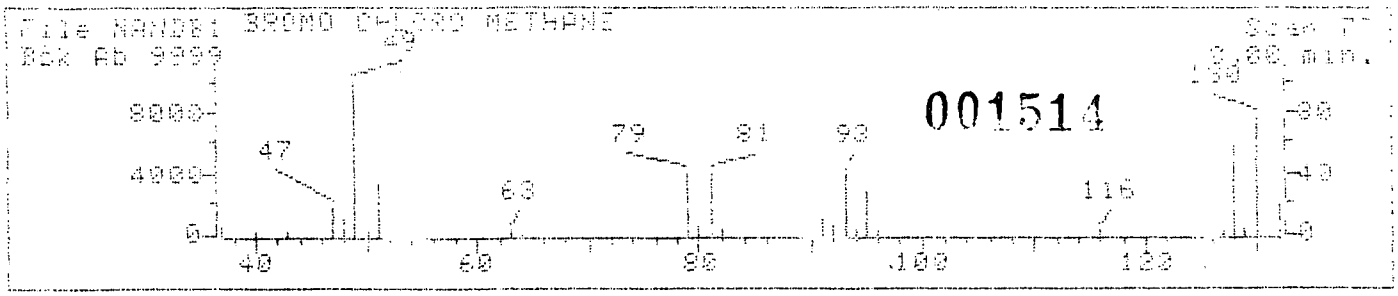


Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2
Quant Time: 860923 09:39
Injected at: 860923 08:50

Compound No: 40
Compound Name: 4-BROMOFLUOROBENZENE (a Surrg)
Scan Number: 445
Retention Time: 36.22 min.
Area: 18761
Concentration: 51.19 UG
q-value: 85

pl9

REFERENCE STANDARD SPECTRUM



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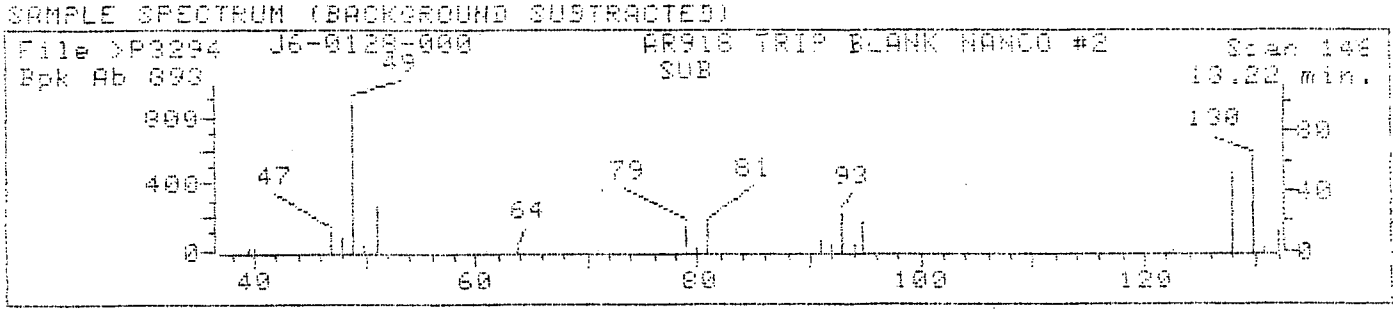
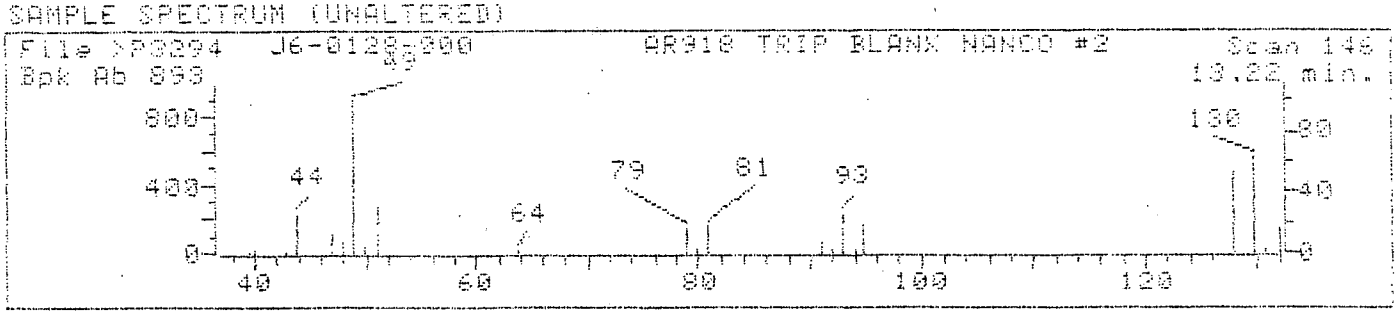


SAMPLE SPECTRUM (UNALTERED)

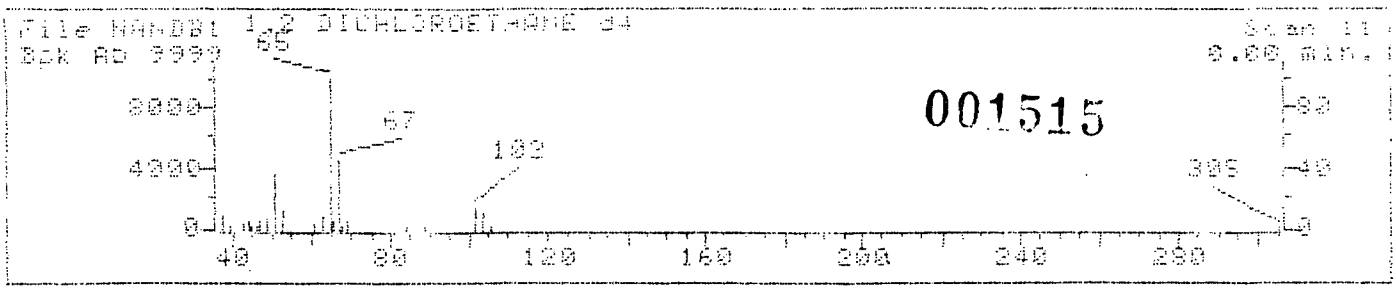


Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2
Quant Time: 860923 09:39
Injected at: 860923 08:50

Compound No: 41 (ISTD)
Compound Name: [BROMOCHLOROMETHANE (ISTD)]
Scan Number: 146
Retention Time: 13.22 min.
Area: 6216
Concentration: 50.00 UG
q-value: 77

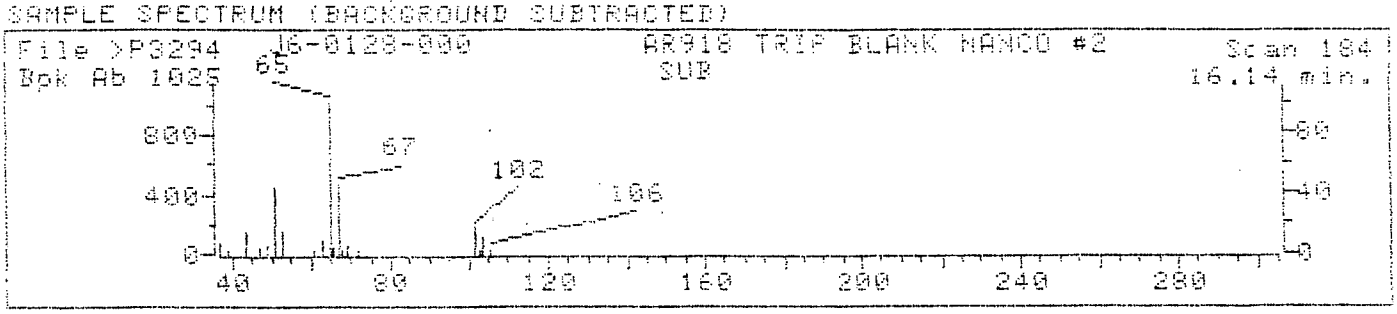
plg

REFERENCE STANDARD SPECTRUM

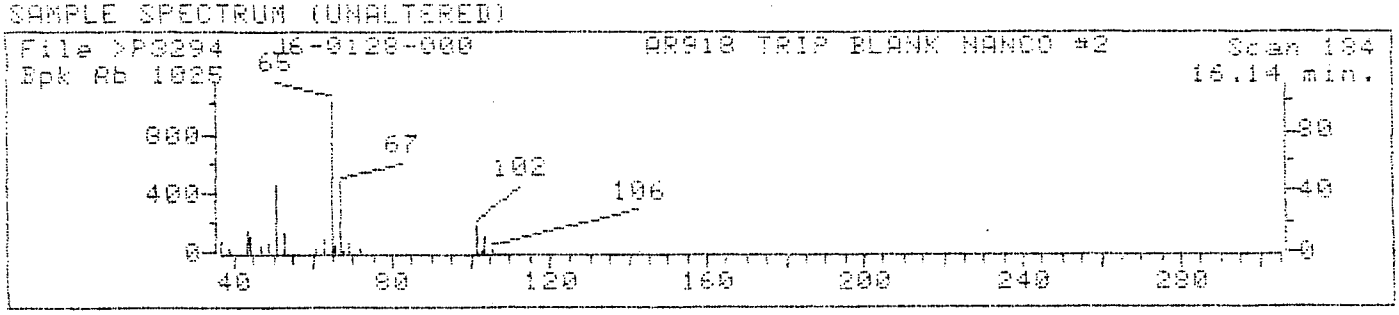


001515

SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >P3294::D2
Name: J6-0128-000
Misc: AR918 TRIP BLANK NANCO #2
Quant Time: 860923 09:39
Injected at: 860923 08:50

Compound No: 42
Compound Name: 1,2-DICHLOROETHANE-d4 (Surrog)
Scan Number: 184
Retention Time: 16.14 min.
Area: 14749
Concentration: 46.38 UG
o-value: 96

pl9

MS data file header from : >P3294

Sample: J6-0128-000 Operator: DALY MS 9/23/86 8:50
Misc : AR918 TRIP BLANK 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

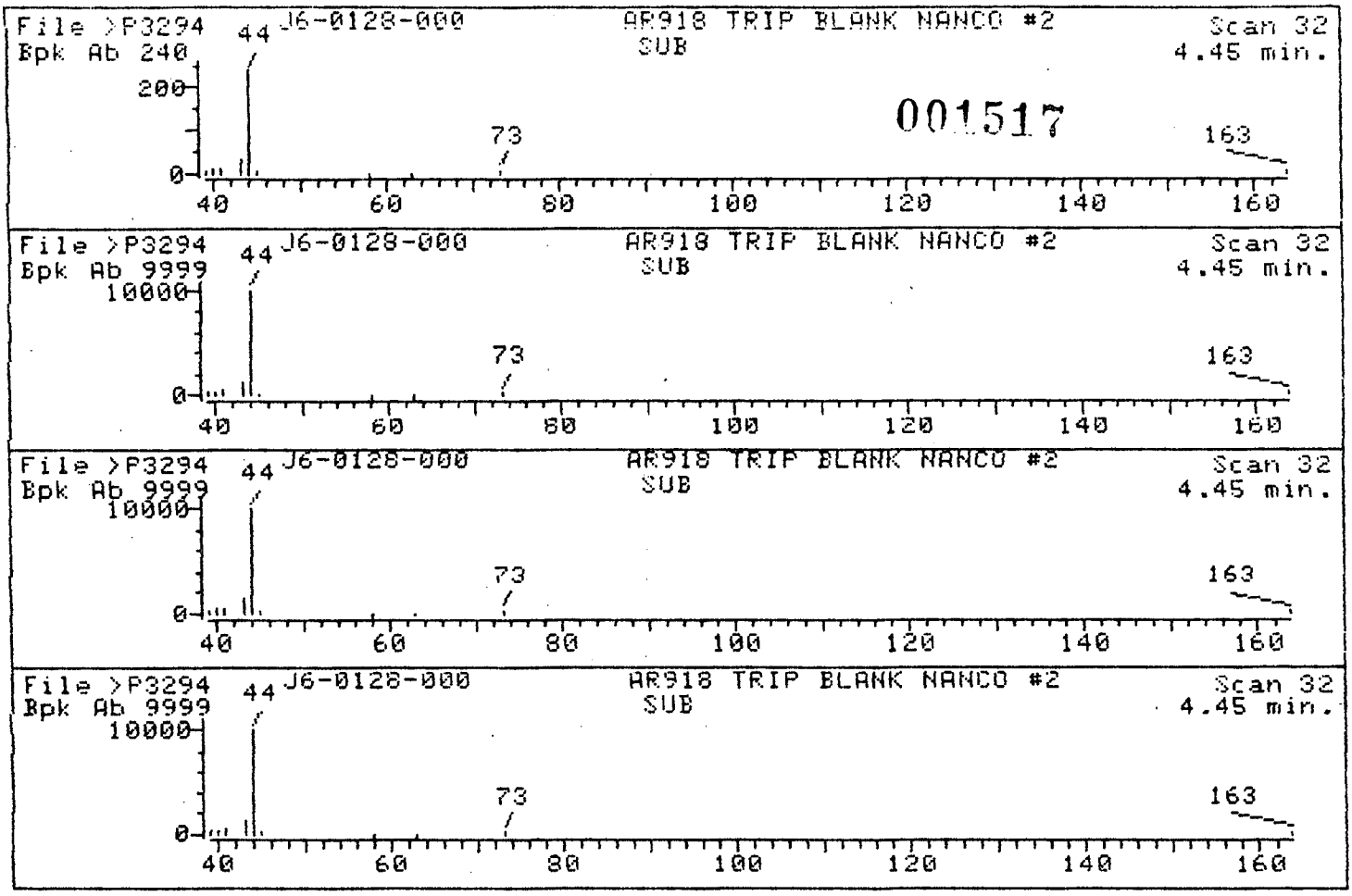
Chromatographic temperatures :	45.	220.	0.	0.	0.
Chromatographic times, min. :	4.0	22.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	8.0	0.0	0.0	0.0	0.0

>P3294 J6-0128-000 AR918 TRIP BLANK NANCO #2
35.01 260.0 TIC

001516

	Peak #	R.T. min.	first scan	max scan	last scan	peak height	raw area	corr. area	corr. % max.	% of total
	1	4.453	30	32	33	296	13355	2736	2.88	.599
	2 H	9.836	100	102	107	144	16039	2150	2.26	.471
IS	3	13.220	143	146	155	3422	59525	49003	51.52	10.725
SU	4	16.066	179	183	190	2992	48986	43047	45.26	9.421
	5	17.912	201	207	213	167	7654	2560	2.69	.560
	6	19.450	224	227	232	118	4817	2159	2.27	.473
	7	21.065	244	248	252	218	7425	4250	4.47	.930
	8	22.526	260	267	268	143	12395	3645	3.83	.798
	9	22.834	268	271	273	368	14155	6609	6.95	1.446
IS	10	23.757	277	283	290	5521	117340	82891	87.14	18.141
SU	11	27.604	329	333	341	5748	178779	95119	100.00	20.817
IS	12	29.143	348	353	360	4025	161760	76323	80.24	16.704
SU	13	36.145	438	444	459	2401	253606	86428	90.86	18.915

Sum of corrected areas: 456920.



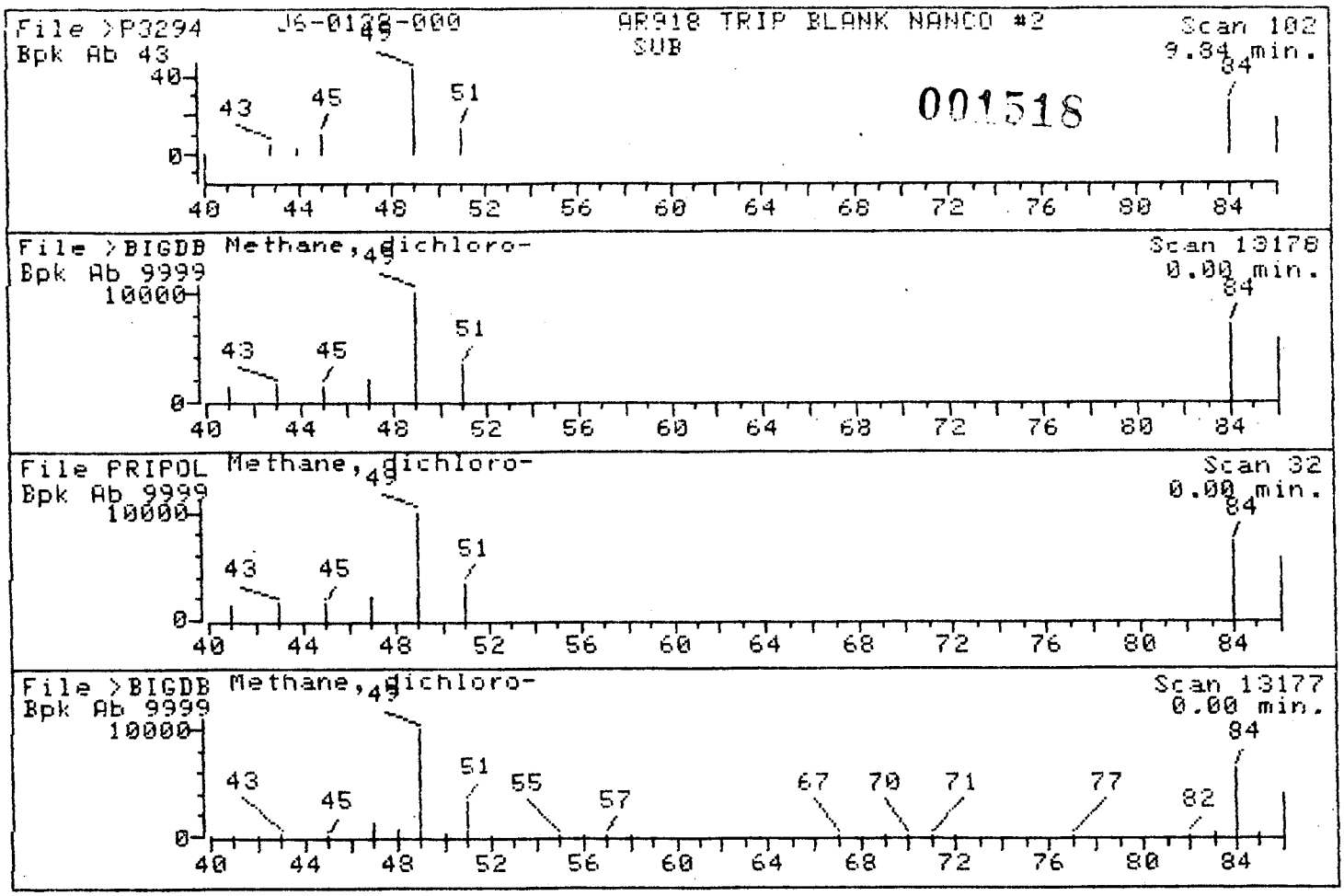
001517

<10% IS

Sample file: >P3294 Spectrum #: 32

No data base entries were retrieved.

pl9

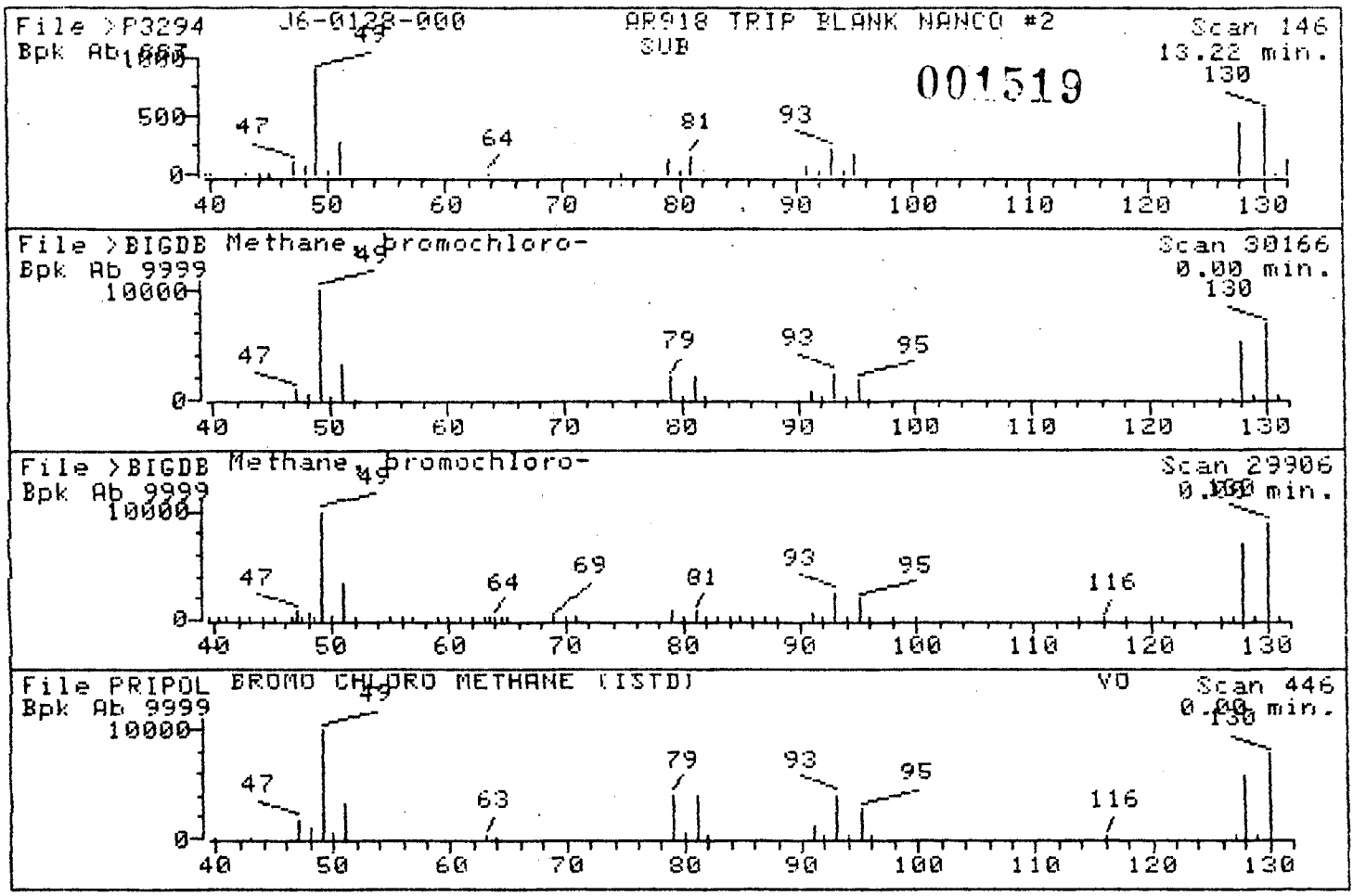


1. Methane, dichloro- HSL 84 CH2Cl2
2. Methane, dichloro- 84 CH2Cl2
3. Methane, dichloro- 84 CH2Cl2
4. Methane, dichloro- 84 CH2Cl2
5. Methane, dichloro- 84 CH2Cl2

plg

Sample file: >P3294 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*	75092	13178	"BIGDB	43	37	3	0	69	10	42	18
2.	70*	32	128	PRIPOL	43	37	3	0	69	10	42	18
3.	52*	75092	13177	"BIGDB	39	60	3	0	95	19	20	13
4.	52*	75092	11123	"BIGDB	40	61	3	0	70	19	20	13
5.	52*	29	127	PRIPOL	39	60	3	0	95	19	20	13

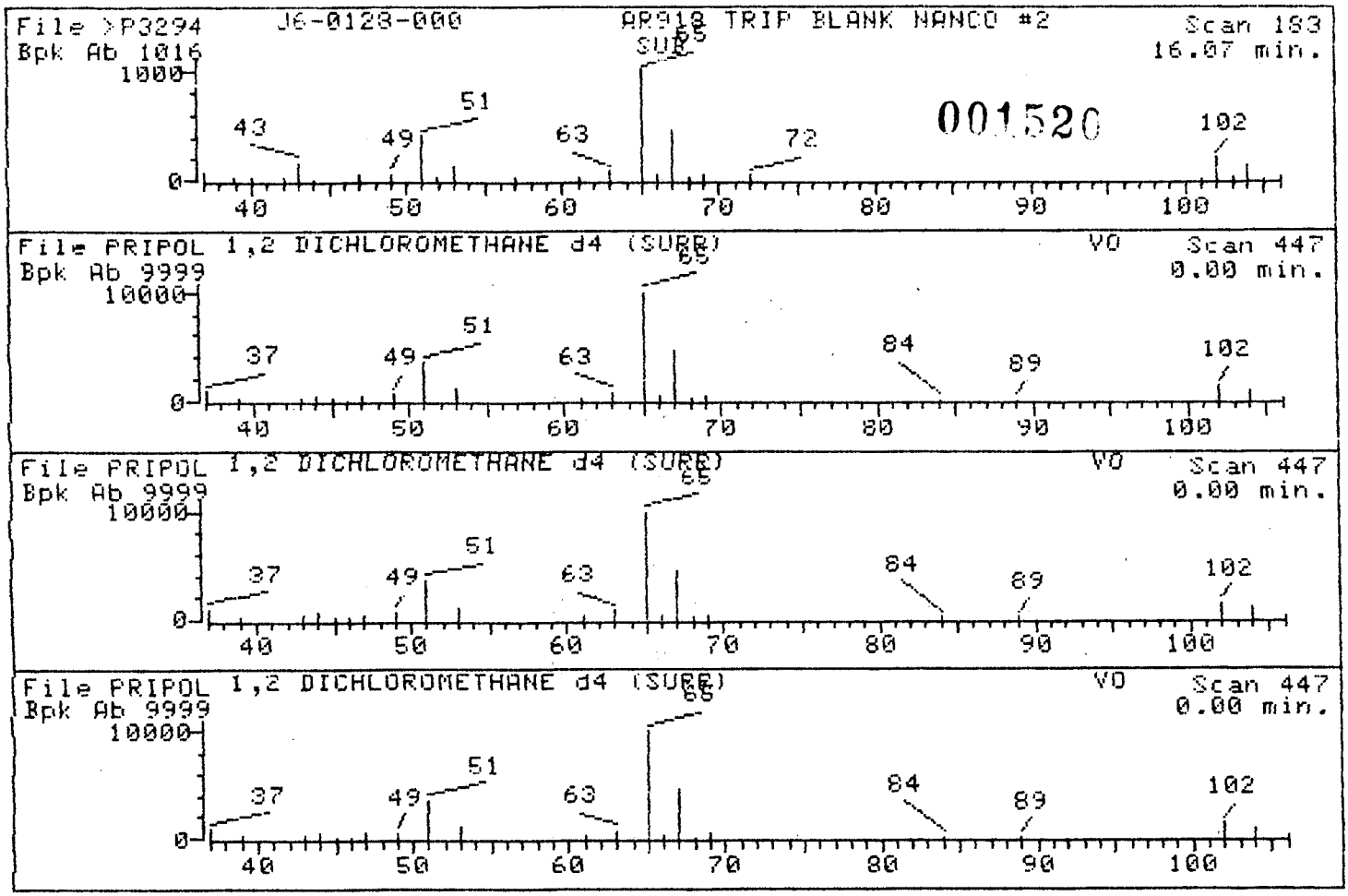


1. Methane, bromochloro- 128 CH2BrCl
2. Methane, bromochloro- 128 CH2BrCl
3. BROMO CHLORO METHANE (ISTD) VO 128 CH2BrCl
   A INTERNAL STANDARD

plg

Sample file: >P3294 Spectrum #: 146
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.	96*	74975	30166	"BIGDB	101	12	1	0	80	4	72	94
2.	84*	74975	29906	"BIGDB	80	32	2	0	71	7	55	61
3.	75*	446	204	PRIPOL	88	38	2	0	63	20	35	67

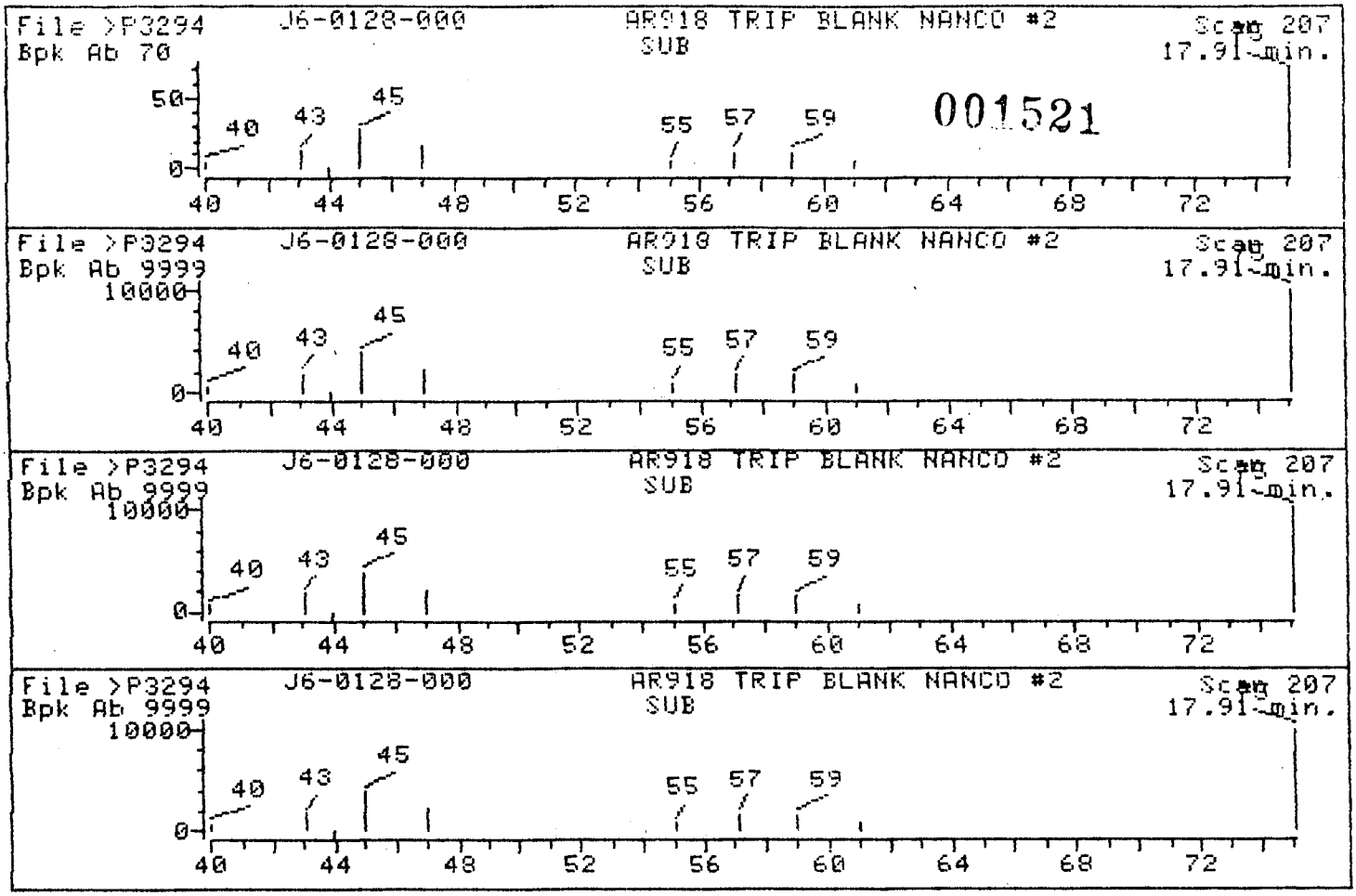


1. 1,2 DICHLOROMETHANE d4 (SURR) VO 102
LATILE SURROGATE

plg

Sample file: >P3294 Spectrum #: 183
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*	447	64	PRIPOL	59	41	2	0	100	2	60	36



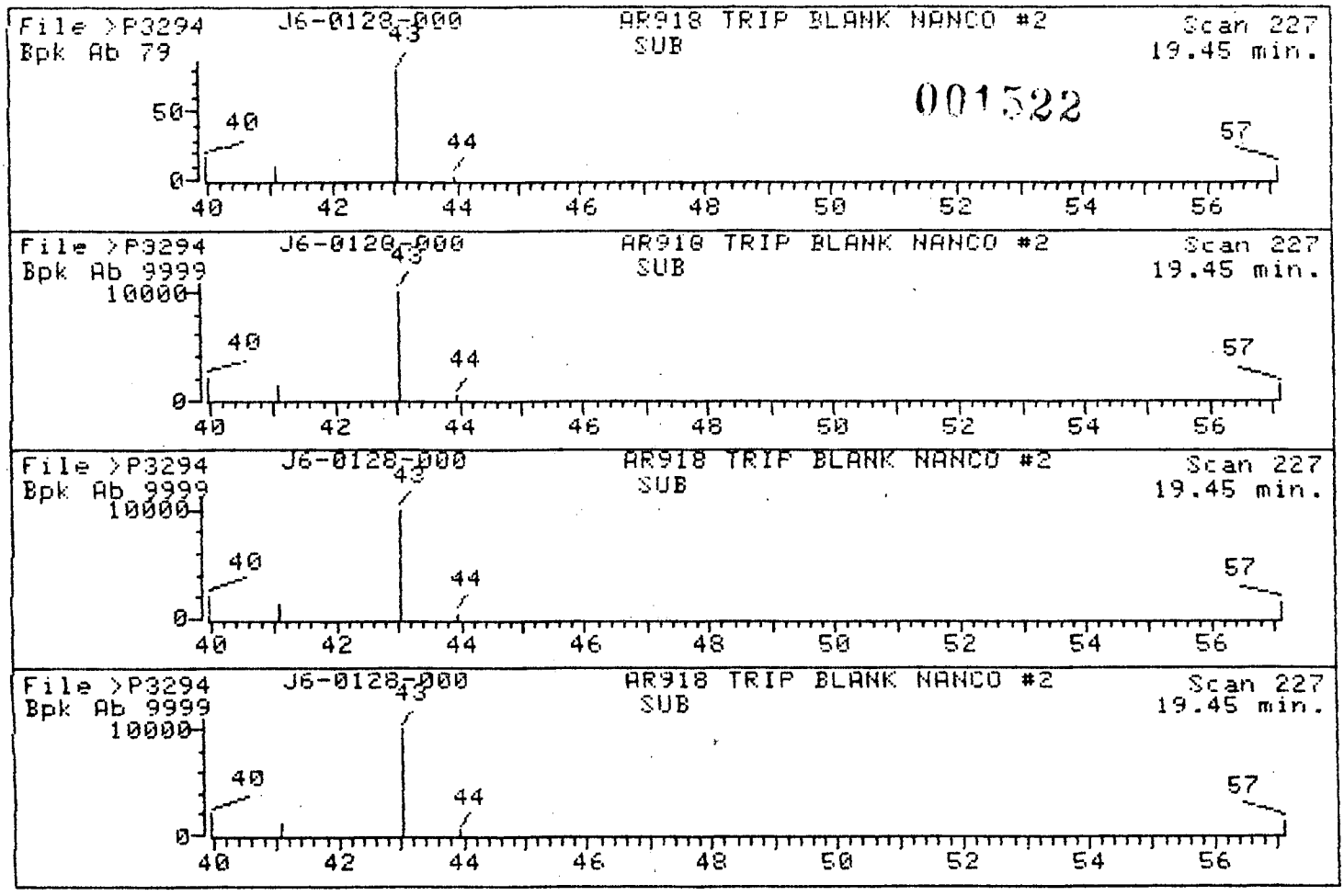
001521

<10% IS

Sample file: >P3294 Spectrum #: 207

No data base entries were retrieved.

pl9



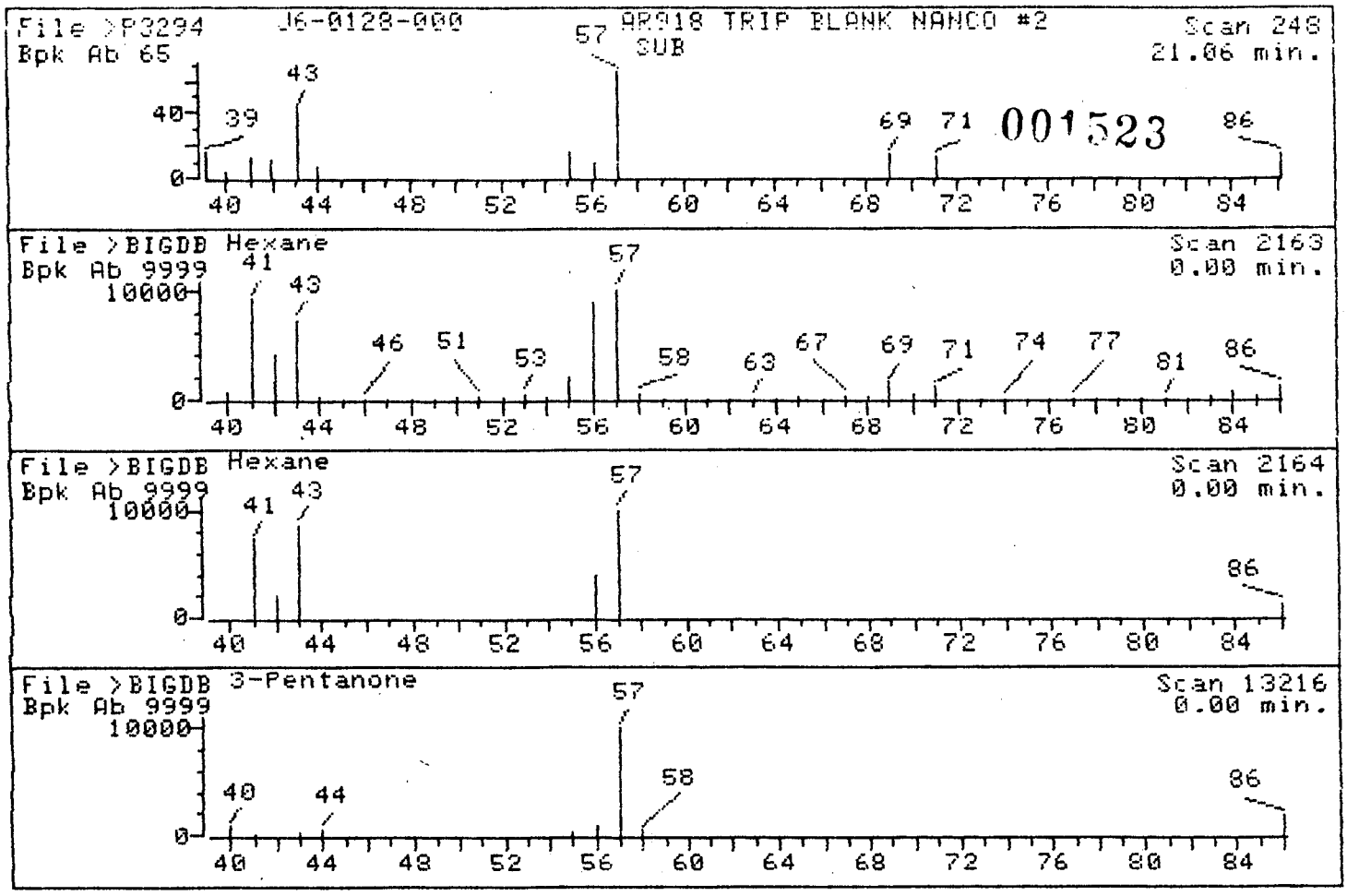
001522

<10% IS

Sample file: >P3294 Spectrum #: 227

No data base entries were retrieved.

plg



001523

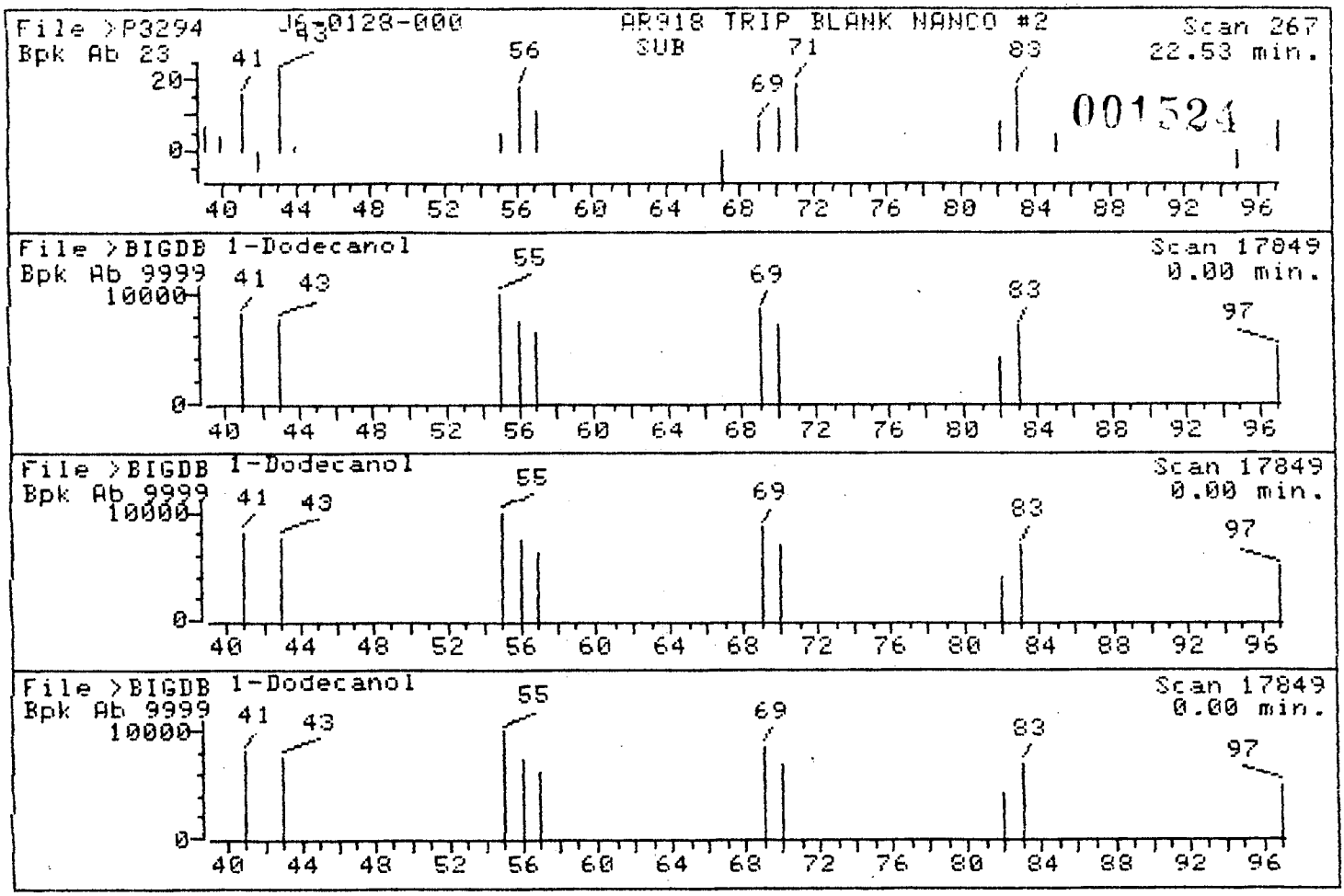
1. Hexane
2. Hexane
3. 3-Pentanone

<10% IS
plg

86 C6H14
86 C6H14
86 C5H10O

Sample file: >P3294 Spectrum #: 248
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.	52*	110543	2163	"BIGDB	25	75	3	0	90	20	20	13
2.	27*	110543	2164	"BIGDB	20	43	2	0	76	39	10	13
3.	25*	96220	13216	"BIGDB	23	33	2	0	100	46	7	13

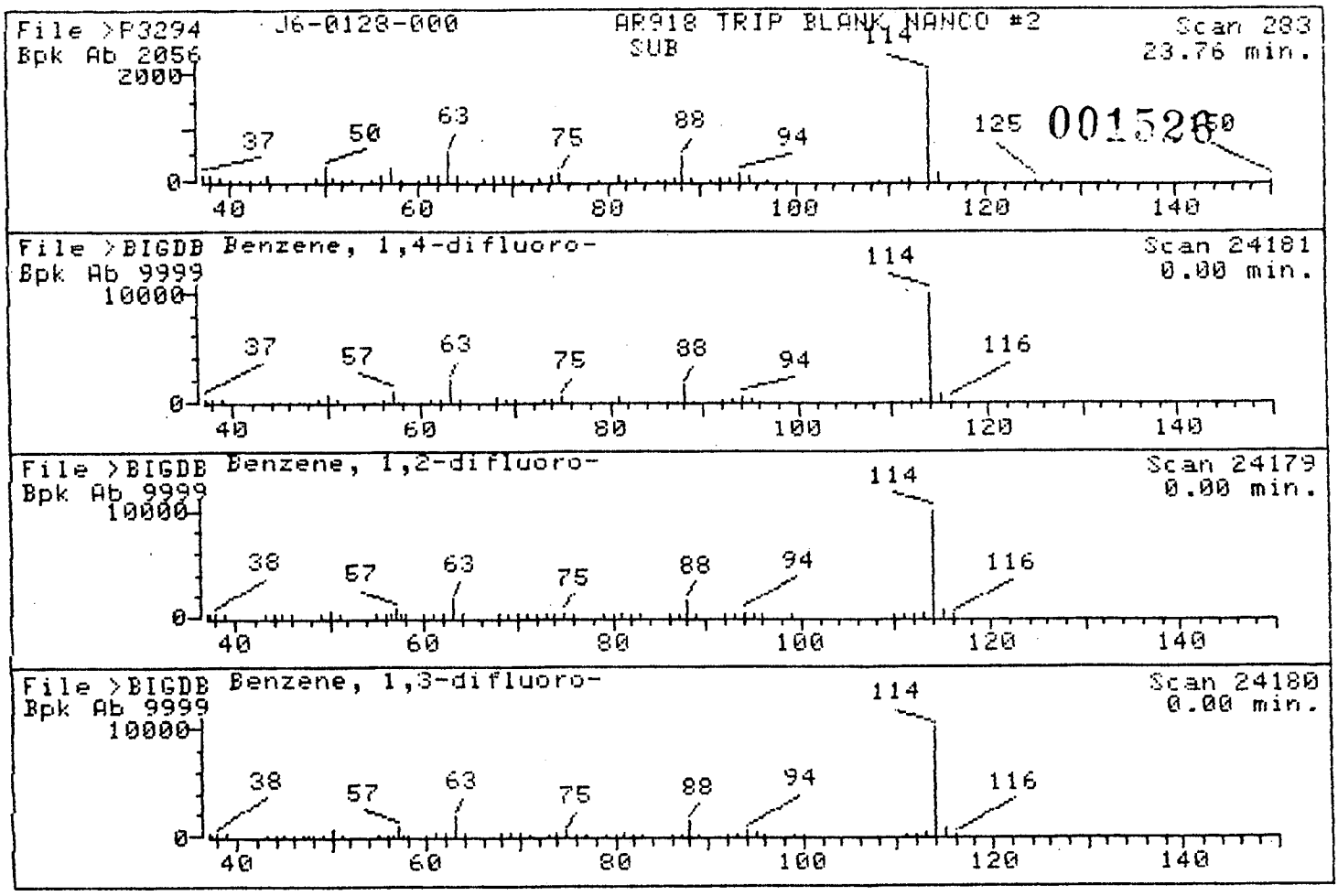


001524

1. 1-Dodecanol X <10% IS pl9 186 C12H26O

Sample file: >P3294 Spectrum #: 267
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.	29	112538	17849	"BIGDB	49	34	2	0	71	41	8	17



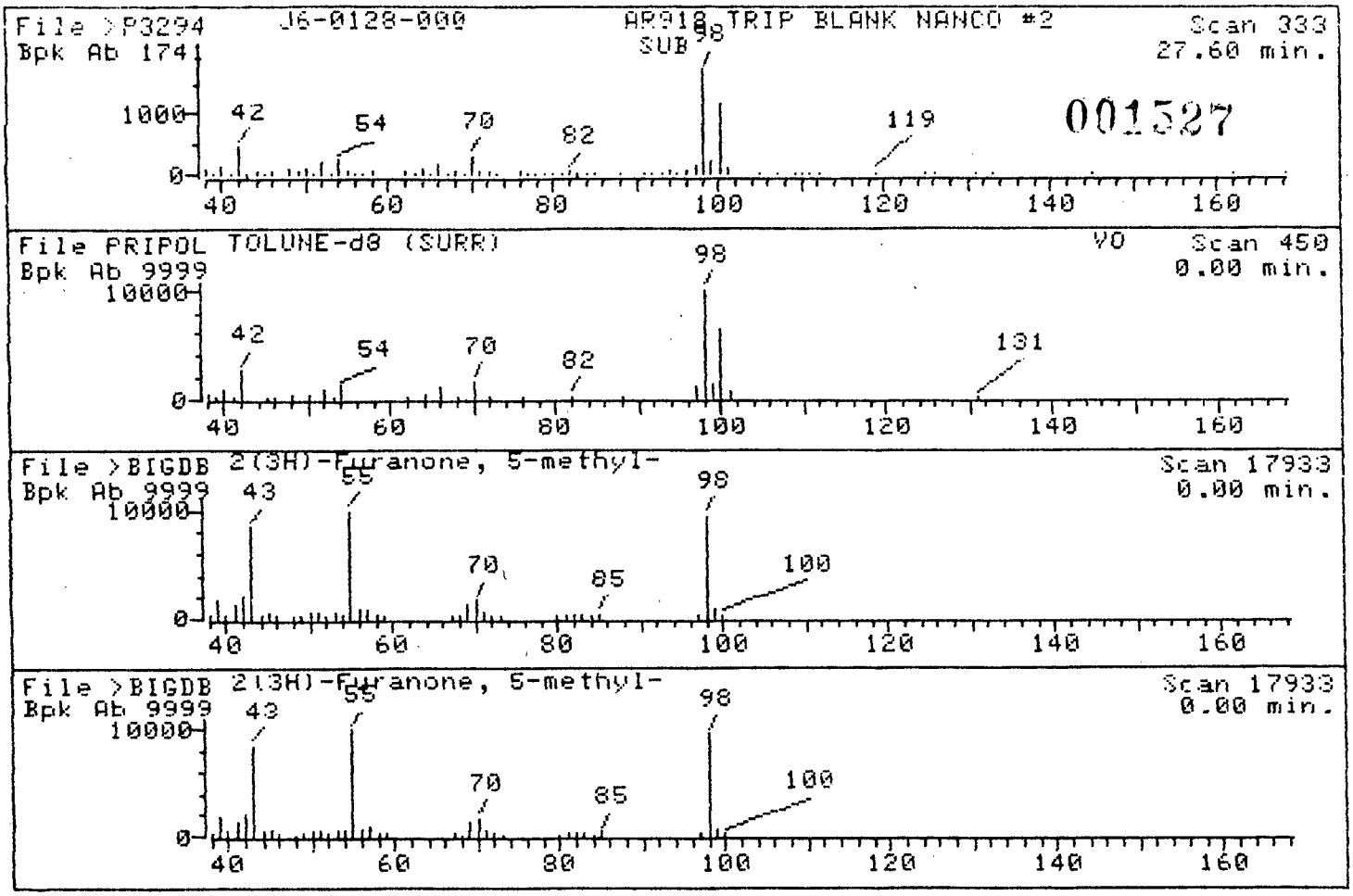
001526

1. Benzene, 1,4-difluoro- IS 114 C6H4F2
2. Benzene, 1,2-difluoro- 114 C6H4F2
3. Benzene, 1,3-difluoro- 114 C6H4F2
4. Benzene, 1,4-difluoro- 114 C6H4F2

pl g

Sample file: >P3294 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.	86*	540363	24181	"BIGDB	70	19	1	0	96	6	59	76
2.	81*	367113	24179	"BIGDB	52	33	1	0	97	7	53	44
3.	76*	372189	24180	"BIGDB	55	30	1	0	96	15	40	52
4.	42*	540363	24611	"BIGDB	40	41	2	0	100	26	14	19

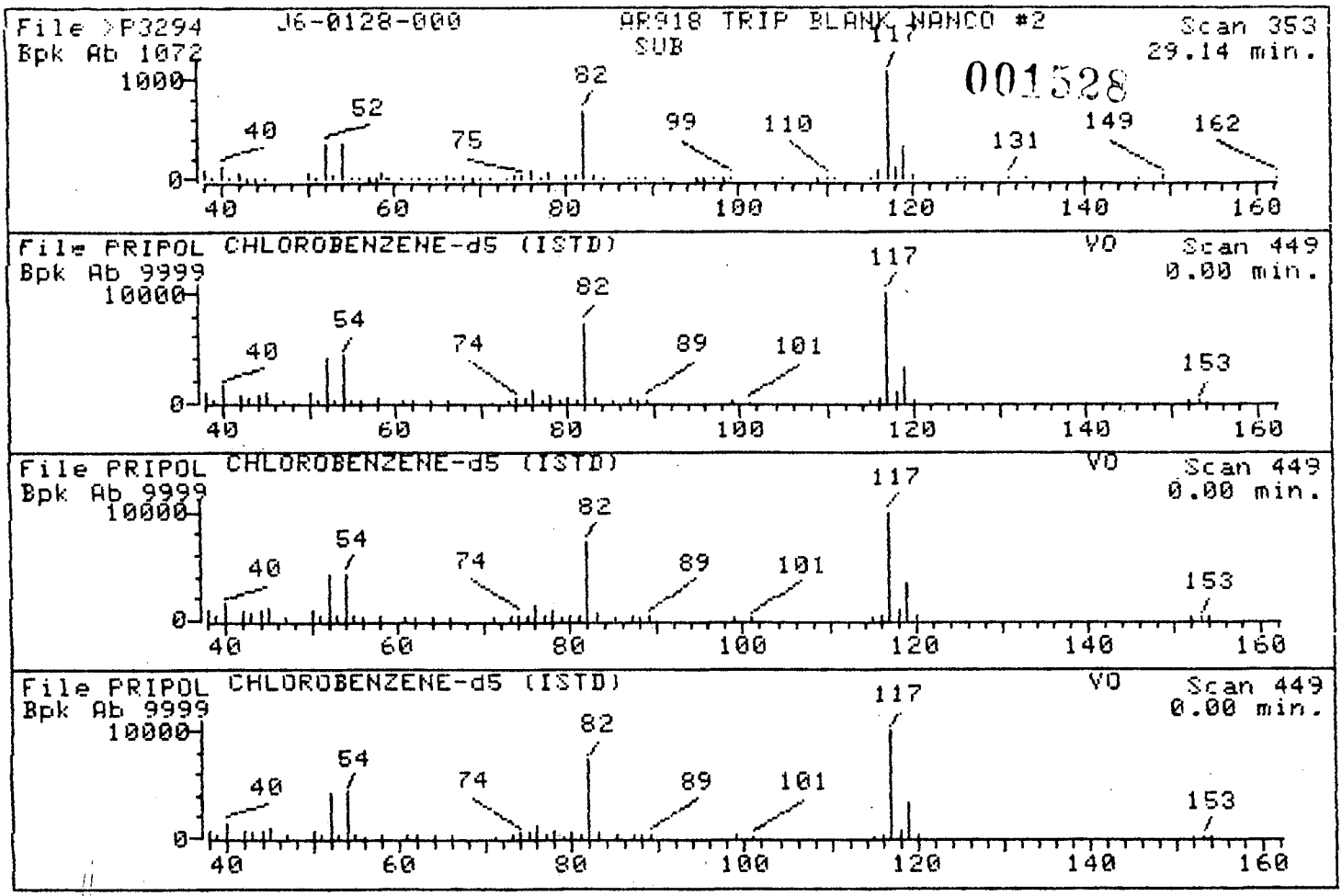


1. TOLUNE-d8 (SURR) VO 96
   LATILE SURROGATE
2. 2(3H)-Furanone, 5-methyl- 98 C5H6O2

pl 9

Sample file: >P3294 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.	44	450	158	PRIPOL	73	25	2	0	89	31	16	27
2.	30*	591128	17933	"BIGDB	27	73	3	0	105	31	12	13



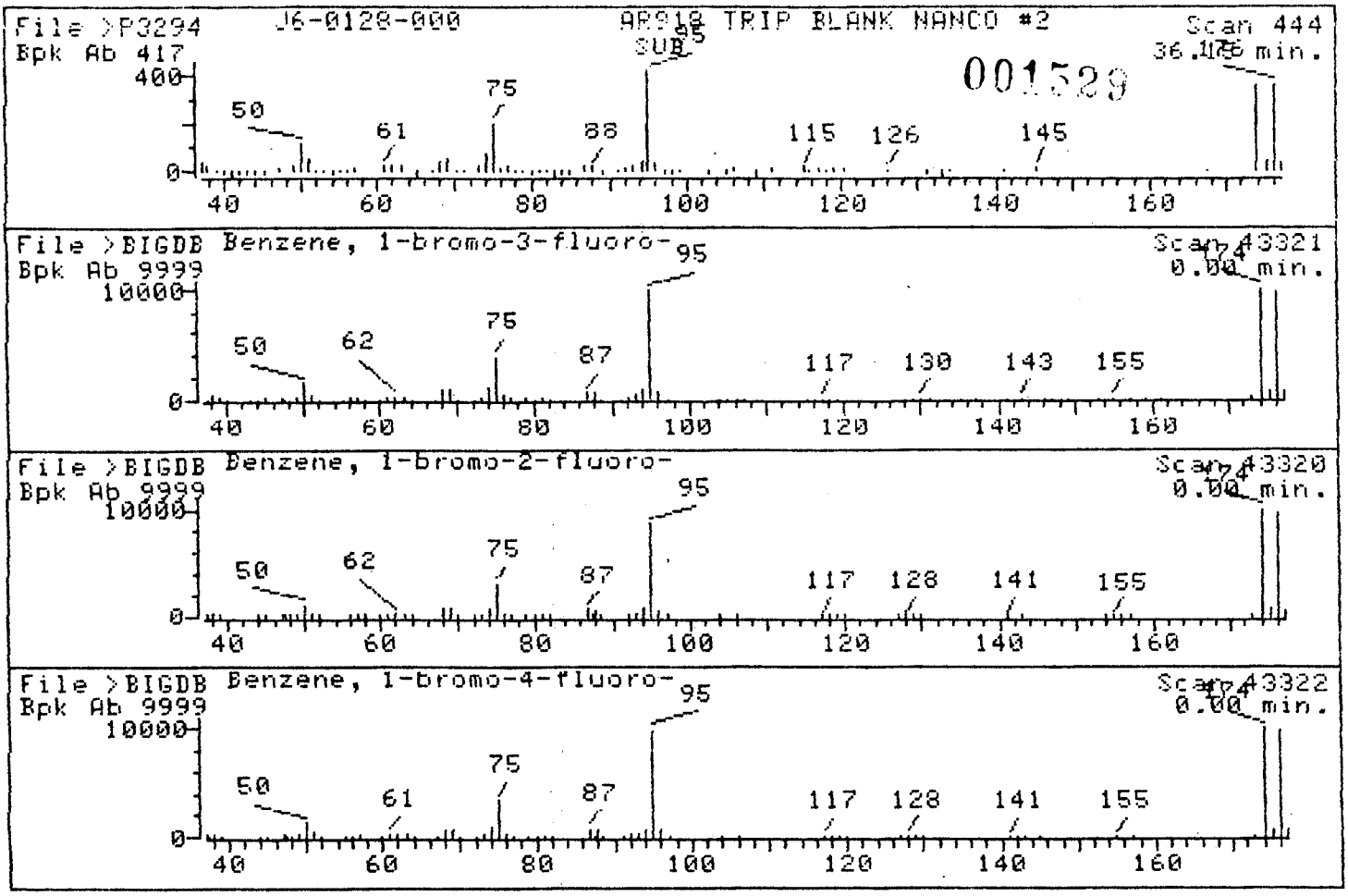
001528

1. CHLOROBENZENE-d5 (ISTD) VO 117
A INTERNAL STANDARD

plg

Sample file: >P3294 Spectrum #: 353
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.	78%	449	177	PRIPOL	32	73	3	0	87	2	55	13



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

plg

Sample file: >P3294 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.	93*	1073069	43321	"BIGDB	88	25	1	0	86	5	68	86
2.	83*	1072851	43320	"BIGDB	77	30	1	0	77	13	51	74
3.	83*	460004	43322	"BIGDB	72	38	1	0	70	11	51	71
4.	79*	451	144	PRIPOL	84	32	1	0	75	27	43	80

NJDEP 9/23/86

1078

001530

>P3294 JG-0128-000 TRIP BLANK

HSL'S	CONC ug/l
Methylene Chloride	.82 J

SURR'S		% REC
Toluene d8	47.73	96
4BFB	51.19	102
1,2-Dichloroethene	46.38	93

TIC'S

none found

P. Munnoch 10/26/86