

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 09/24/2001 Time: 12:34:44

Sample: AD22485
Analysis: \$525 Organic Chemicals - 525.2
Units: ug
Started: 9/18/01 10:46 Ended: 9/19/95 10:46 Analyst: TB
Result source: manual entry
Page: 1

Not our buffer

	Component Name	Viol	Result	Qualifier	MDL
1	Hexachlorocyclopentadiene		< MDL		0.10
2	Hexachlorobenzene		< MDL		0.10
3	Simazine		< MDL		0.07
4	Atrazine		< MDL		0.10
5	Alachlor		< MDL		0.20
6	bis(2-Ethylhexyl)adipate		< MDL		0.60
7	bis(2-Ethylhexyl)phthalate		0.82		0.60
8	Benzo(a)pyrene		0.15		0.20
9	EPTC		< MDL		1.0
10	2,6-Dinitrotoluene		< MDL		2.0
11	2,4-Dinitrotoluene		< MDL		2.0
12	Molinate		< MDL		0.90
13	Terbacil		< MDL		2.0
14	Acetochlor		< MDL		2.0
15	Metribuzin		< MDL		0.15
16	Metolachlor		< MDL		0.75
17	Butachlor		< MDL		0.40
18	4,4-DDE		< MDL		0.80
19	Surr_1,3-Dimethyl-2-nitrobenze		4.9		1.0
20	Surr_Triphenyl phosphate		6.0		1.0
21	Surr_Perylene-d12		4.7		1.0

Comments for Sample AD22485 - Analysis \$525

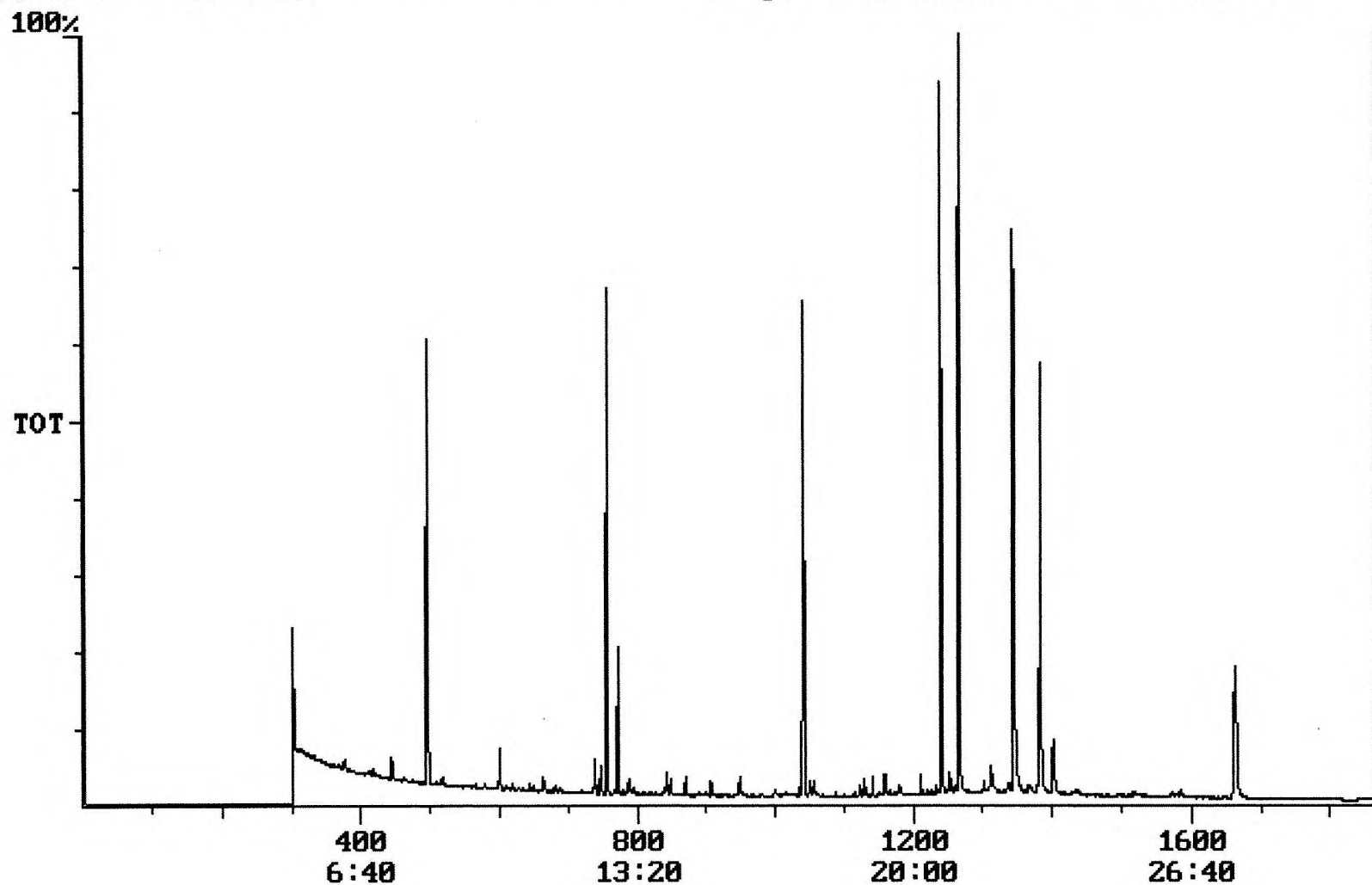
Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-04-2001 Time: 14:19:06

Benzo(a)pyrene is present in this sample at an estimated level of 0.15 ug/L. Two additional unidentified polynuclear aromatic hydrocarbons with mass 252 may also be present at trace levels too low to confirm their identification by this method. Bis(2-Ethylhexyl)phthalate was present in the Laboratory Blank at 0.37 ug/L. The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. The recoveries for Terbacil in the LCS Standard and the Spiked Sample were above their acceptance ranges. The Field Blank associated with this sample will be analyzed to support the Benzo(a)pyrene finding. This sample was submitted to our laboratory using NYCDEP bottles. A reinjection and analysis of this sample on 9/29/01 (with an increase in the electron multiplier voltage and recalibration) yields Benzo(a)pyrene at an estimated level of 0.15 ug/L, as indicated by its retention time and mass 252. Some supporting mass spectra are present. The Laboratory Blank analysis was clean. The Field Blank analysis is reported under laboratory number AD23470. It was clean also for method 525.2.

Chromatogram Plot File: E:\22485E Date: Sep-19-1991 22:45:27
Comment: BOHLK; METHOD 525; INST 204; 09/19/01; SAMPLE 22485
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 2862109



Integration Report Quanfile: 22485E Quan Entries: 14
 Comment: BOHLK; METHOD 525; INST 204; 09/19/01; SAMPLE 22485
 Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10 (IS)	12:36	756	Auto	833,807	438,049
2	phenanthrene d-10 (IS)	17:21	1041	Auto	1,388,129	644,378
3	chrysene d-12 (IS)	23:03	1383	Auto	1,081,613	472,390
4	p-terphenyl d-14 (IS)	21:06	1266	Auto	1,550,525	919,782
5	acenaphthene d-10 (SURR)	12:36	756	Auto	833,807	438,049
6	phenanthrene d-10 (SURR)	17:21	1041	Auto	1,388,129	644,378
7	chrysene d-12 (SURR)	23:03	1383	Auto	1,081,613	472,390
8	1,3-dimethyl-2-nitrobenzene	8:15	495	Auto	500,496	256,432
9	triphenyl phosphate (S)	22:24	1344	Auto	903,436	345,025
10	perylene d-12 (SURR)	27:42	1662	Auto	646,802	128,416
11	bis(2-ethylhexyl)adipate	22:16	1336	Auto	22,334	4,172
12	bis(2-ethylhexyl)phthalate	23:21	1401	Auto	207,580	60,059
13	benzo(a)pyrene	27:27	1647	Auto	23,546	4,170
14	2,6-dinitrotoluene	12:15	735	Auto	7,113	4,489

Quantitation Report

Quanfile: 22485E

Quan Entries: 14

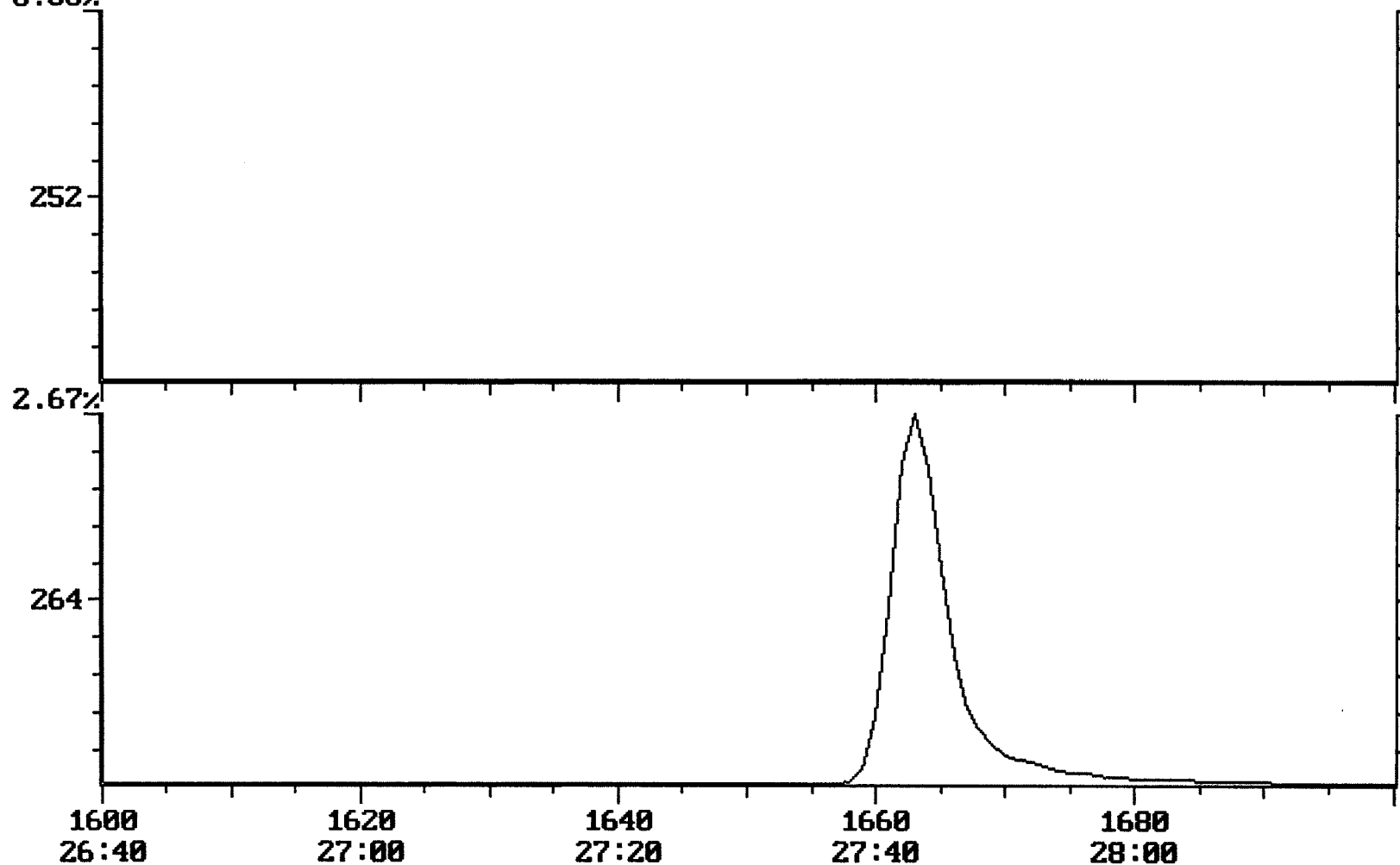
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Sorted via: Entry Number ↑

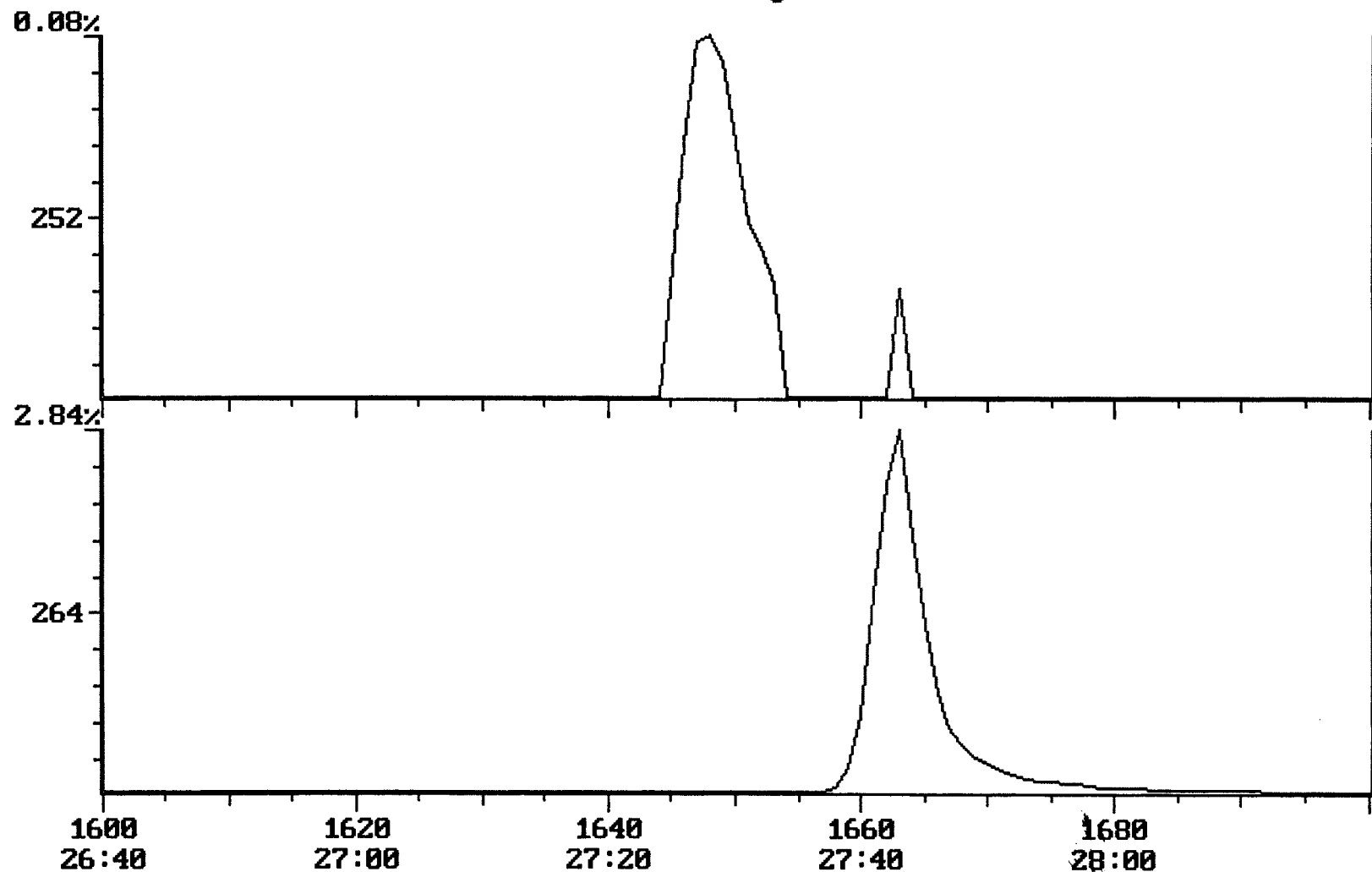
(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	acenaphthene d-10 (IS)	I	756	12:36	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1041	17:21	BV	5.000	UG/L
3	chrysene d-12 (IS)	I	1383	23:03	BB	5.000	UG/L
4	p-terphenyl d-14 (IS)	I	1266	21:06	BB	5.000	UG/L
5	acenaphthene d-10 (SURR)	A	756	12:36	BB	3.721	UG/L
6	phenanthrene d-10 (SURR)	A	1041	17:21	BV	4.171	UG/L
7	chrysene d-12 (SURR)	A	1383	23:03	BB	4.542	UG/L
8	1,3-dimethyl-2-nitrobenzene	A	495	8:15	BB	4.901	UG/L
9	triphenyl phosphate (S)	A	1344	22:24	BB	5.969	UG/L
10	perylene d-12 (SURR)	A	1662	27:42	BB	4.659	UG/L
16	bis(2-ethylhexyl)adipate	A	1336	22:16	MM	0.185	UG/L
17	bis(2-ethylhexyl)phthalate	A	1401	23:21	VB	0.818	UG/L
18	benzo(a)pyrene	A	1647	27:27	BB	0.148	UG/L
20	2,6-dinitrotoluene	A	735	12:15	BB	0.139	UG/L

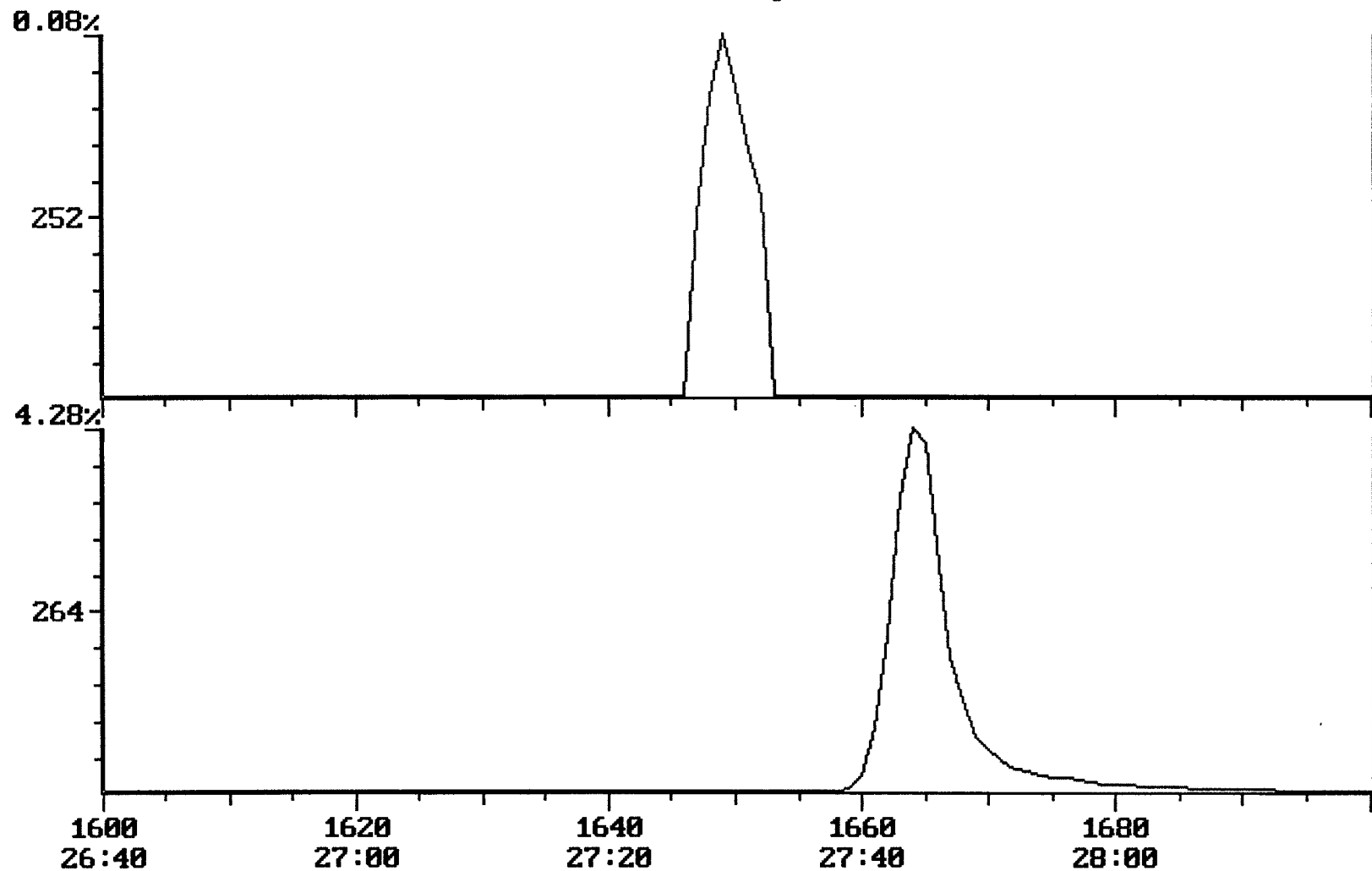
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 Comment: BOHLK; METHOD 525; INST 204; 09/19/01; LB
 Scan No: 1600 Retention Time: 26:40 RIC: 38195 Mass Range: 47 - 207
 Plotted: 1600 to 1700 Range: 1 to 1860 100% = 4415008
 0.00%



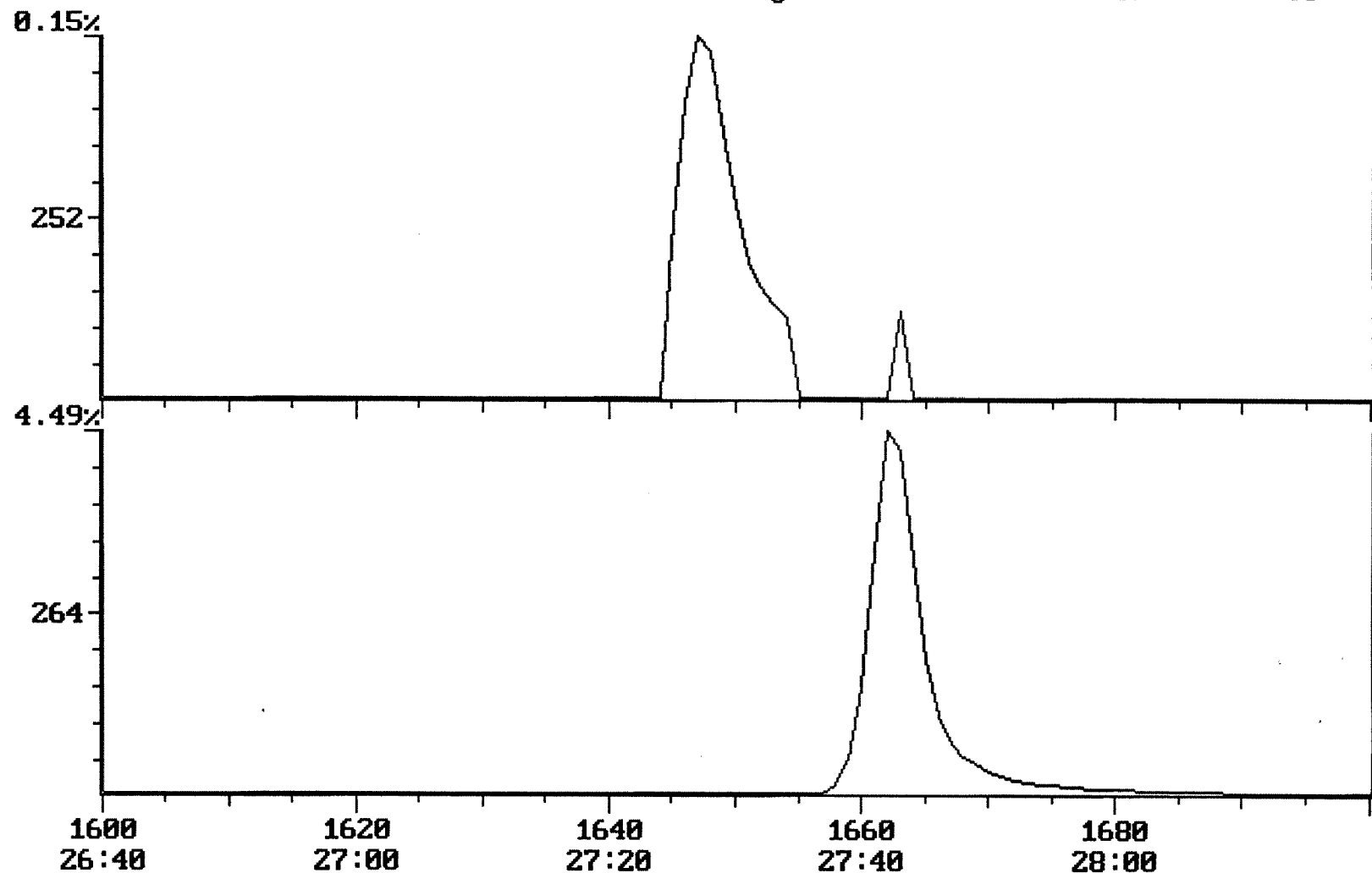
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Comment: BOHLK; METHOD 525; INST 204; 09/19/01; MDL
Scan No: 1600 Retention Time: 26:40 RIC: 21264 Mass Range: 47 - 207
Plotted: 1600 to 1700 Range: 1 to 1860 100% = 4054767



Chromatogram Plot File: E:\C2A0915 Date: Sep-15-1991 14:05:38
 Comment: BOHLK; METHOD 525; INST 204; 09/15/01; C2
 Scan No: 1600 Retention Time: 26:40 RIC: 13318 Mass Range: 47 - 207
 Plotted: 1600 to 1700 Range: 1 to 1860 100% = 2605556



Chromatogram Plot File: E:\22485E Date: Sep-19-1991 22:45:27
Comment: BOHLK; METHOD 525; INST 204; 09/19/01; SAMPLE 22485
Scan No: 1600 Retention Time: 26:40 RIC: 28772 Mass Range: 47 - 207
Plotted: 1600 to 1700 Range: 1 to 1860 100% = 2862109



Background Subtract

File: E:\MDLA0919

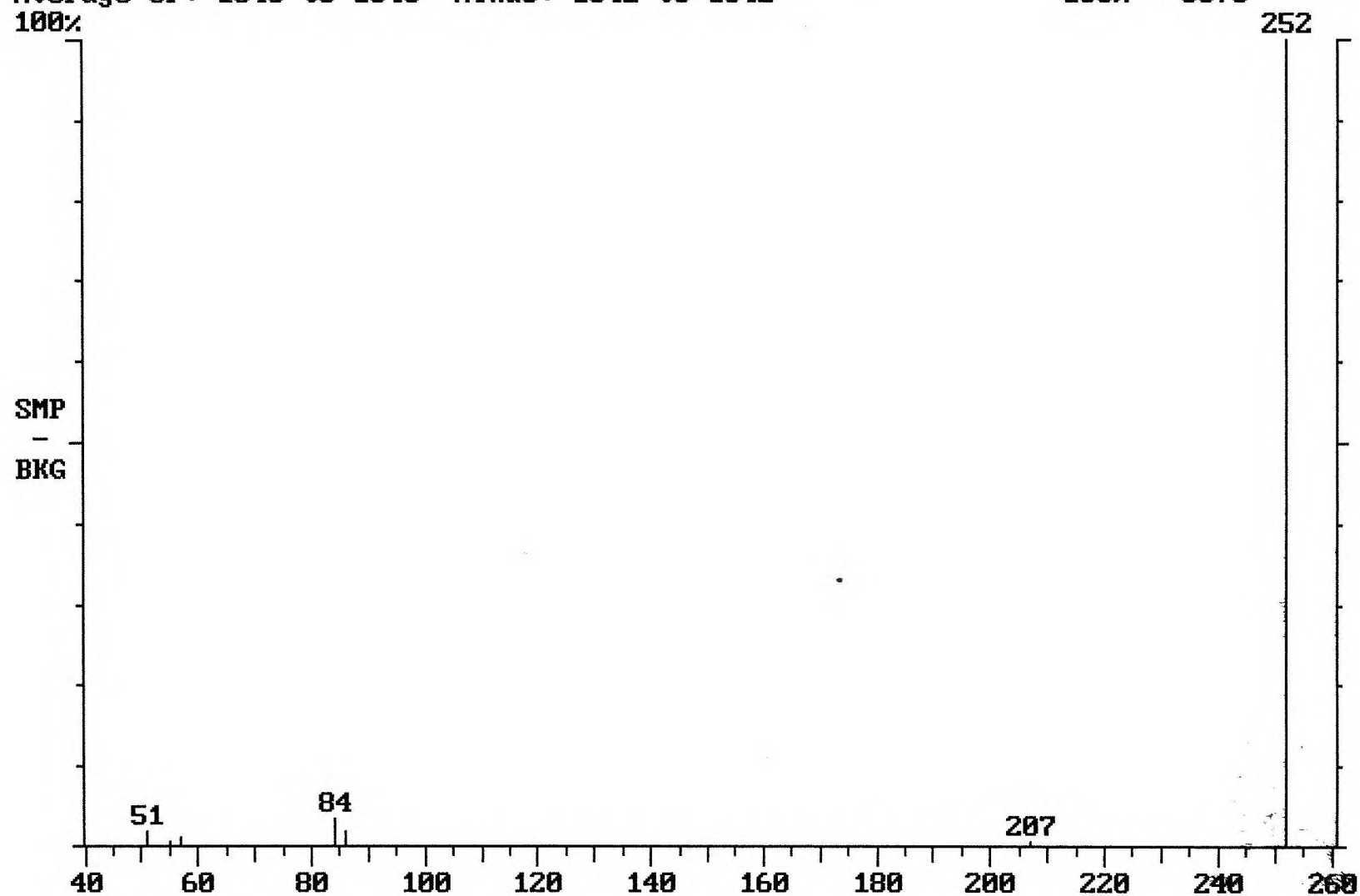
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Comment: BOHLK; METHOD 525; INST 204; 09/19/01; MDL

Average of: 1648 to 1648 Minus: 1642 to 1642

100% = 3076

100%



Background Subtract

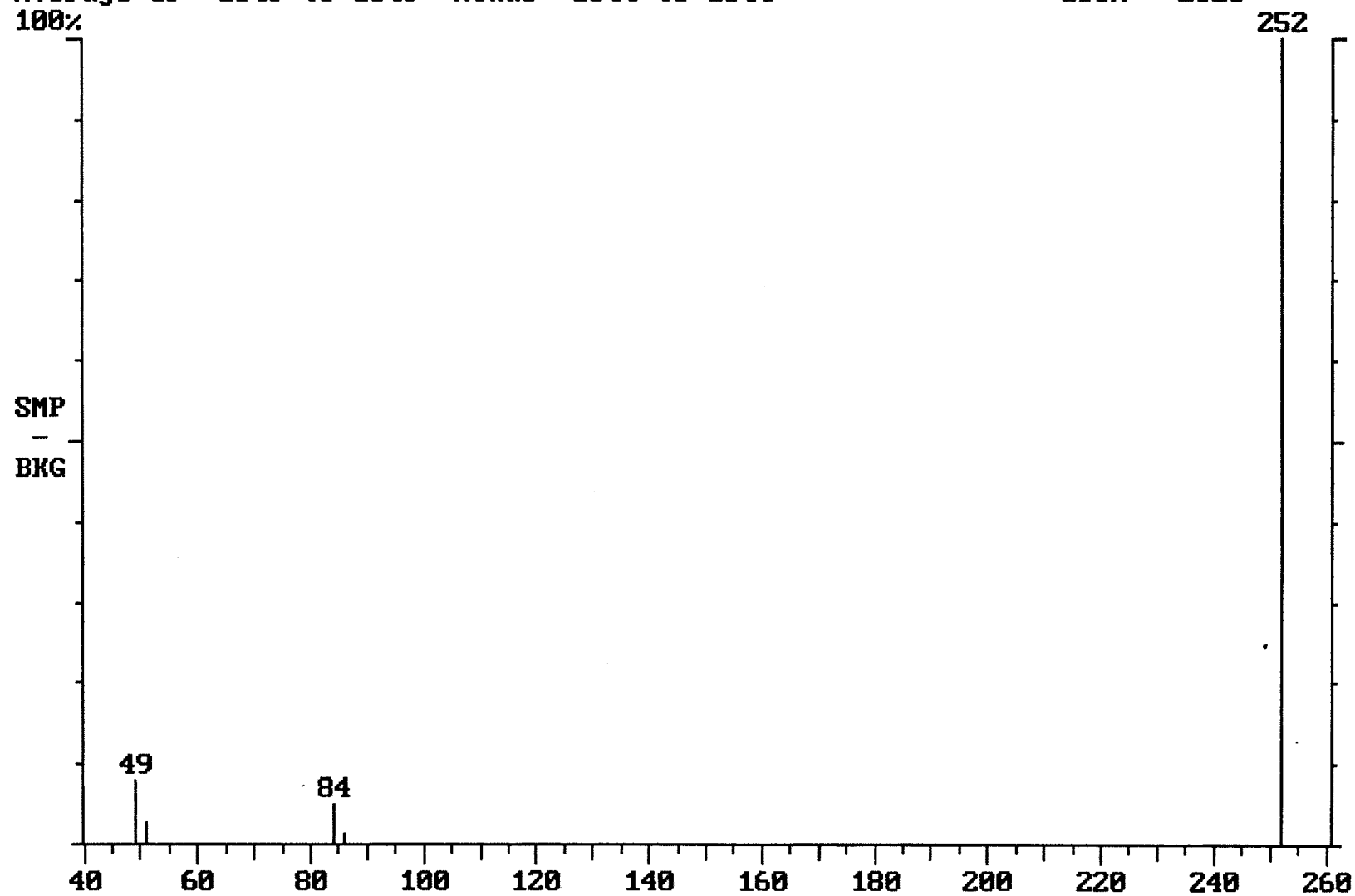
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Date: Sep-15-1991 14:05:38

Comment: BOHLK; METHOD 525; INST 204; 09/15/01; C2

Average of: 1649 to 1649 Minus: 1644 to 1644

100% = 2028



Background Subtract

File: E:\22485E

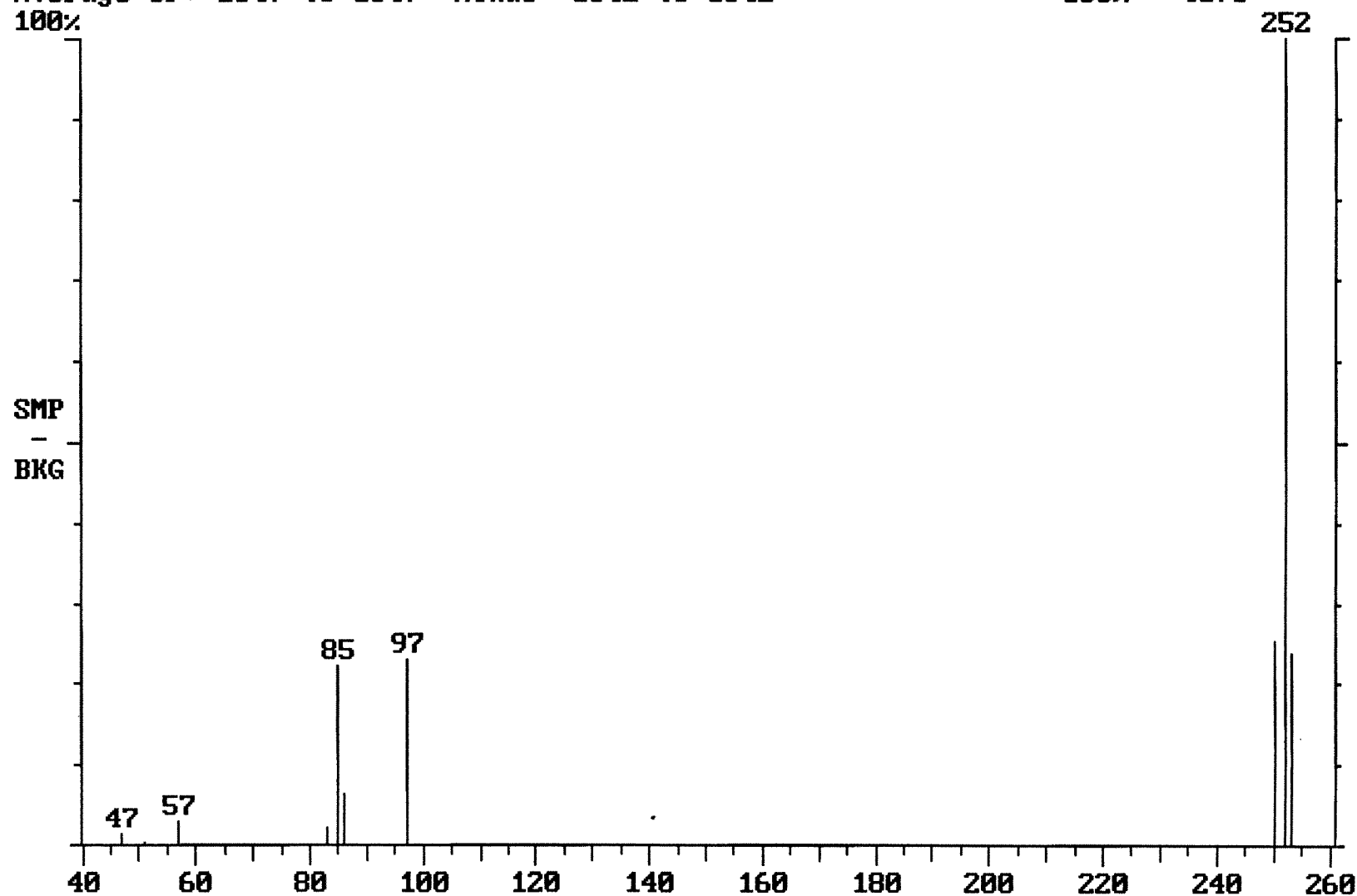
Date: Sep-19-1991 22:45:27

Comment: BOHLK; METHOD 525; INST 204; 09/19/01; SAMPLE 22485

Average of: 1647 to 1647 Minus: 1642 to 1642

100% = 4170

100%



Comments for Sample AD22485 - Analysis \$525

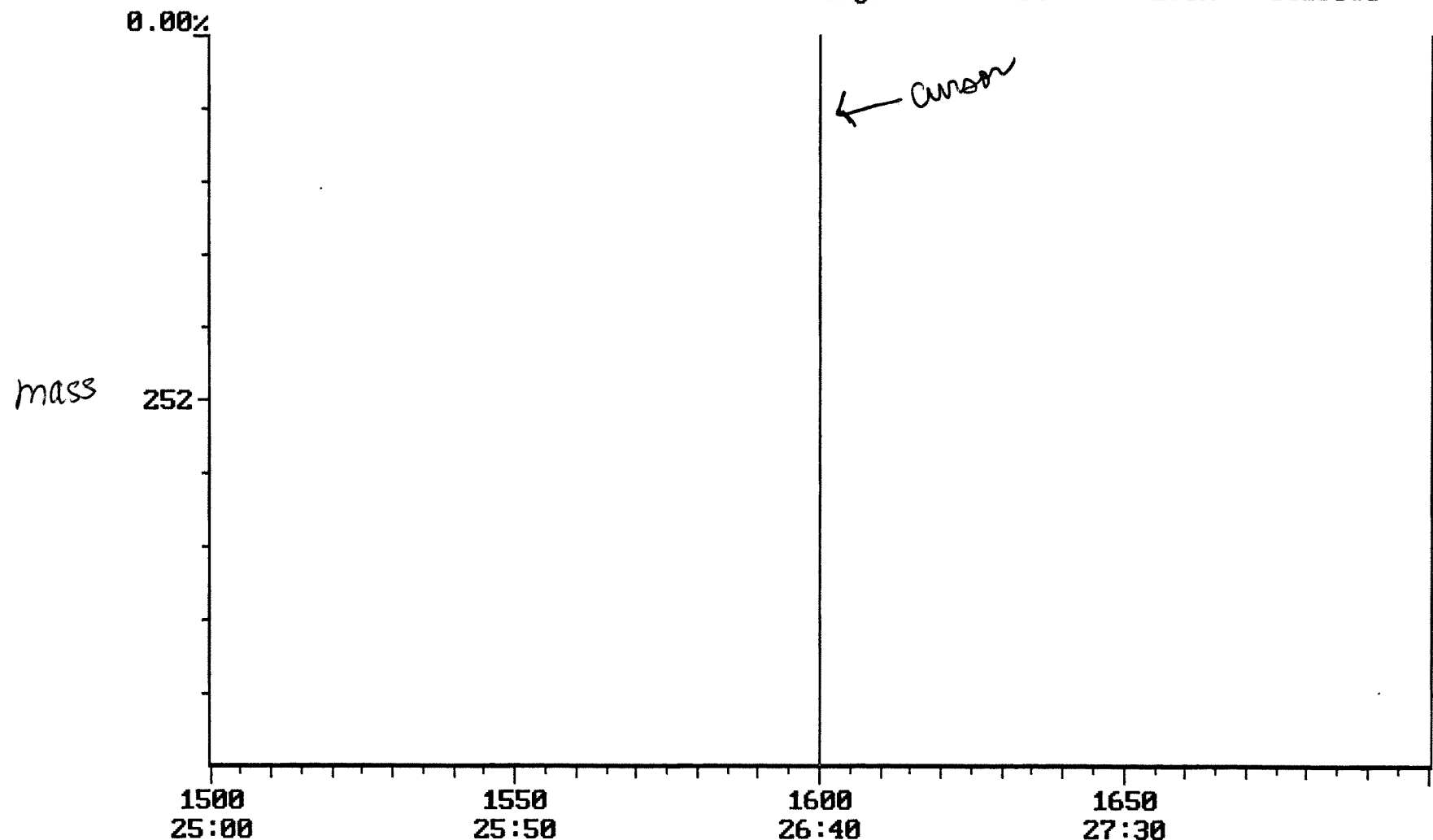
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User: Vinci, David L

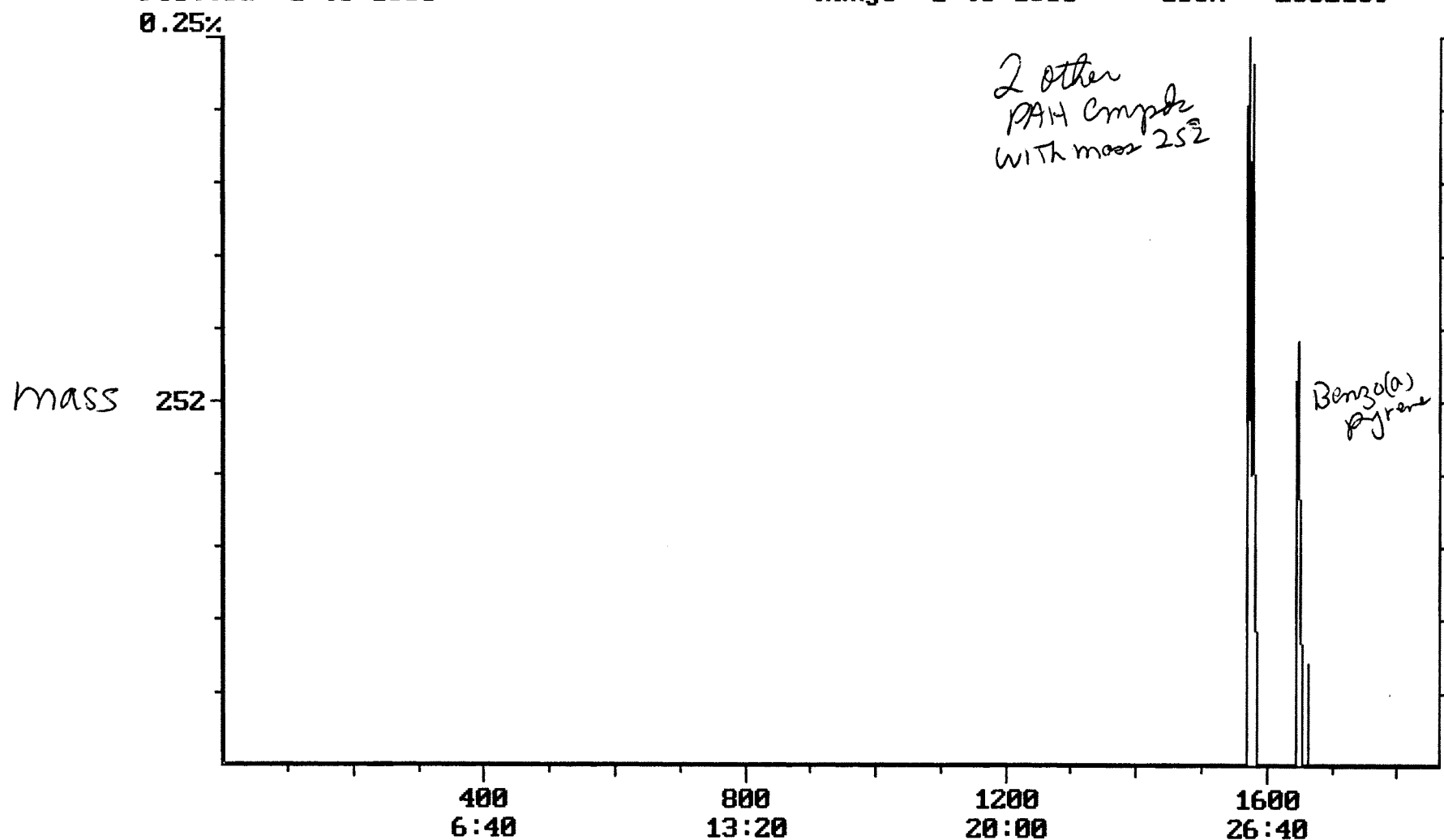
Date: 09-27-2001 Time: 09:11:23

Benzo(a)pyrene is present in this sample at an estimated level of 0.15 ug/L. Two additional unidentified polynuclear aromatic hydrocarbons with mass 252 may also be present at trace levels too low to confirm their identification by this method. Bis(2-Ethylhexyl)phthalate was present in the Laboratory Blank at 0.37 ug/L. The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. The recoveries for Terbacil in the LCS Standard and the Spiked Sample were above their acceptance ranges. The Field Blank associated with this sample will be analyzed to support the Benzo(a)pyrene finding. This sample was submitted to our laboratory using NYCDEP bottles.

Chromatogram Plot File: E:\LBA0919 Date: Sep-19-1991 19:19:14
 Comment: BOHLK; METHOD 525; INST 204; 09/19/01; LB
 Scan No: 1600 Retention Time: 26:40 RIC: 38195 Mass Range: 47 - 207
 Plotted: 1500 to 1700 Range: 1 to 1860 100% = 4415008



Chromatogram Plot File: E:\22485E Date: Sep-19-1991 22:45:27
 Comment: BOHLK; METHOD 525; INST 204; 09/19/01; SAMPLE 22485
 Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
 Plotted: 1 to 1860 Range: 1 to 1860 100% = 2862109



Chromatogram Plot

File: E:\22485E

Date: Sep-19-1991 22:45:27

Comment: BOHLK; METHOD 525; INST 204; 09/19/01; SAMPLE 22485

Scan No: 1500

Retention Time: 25:00

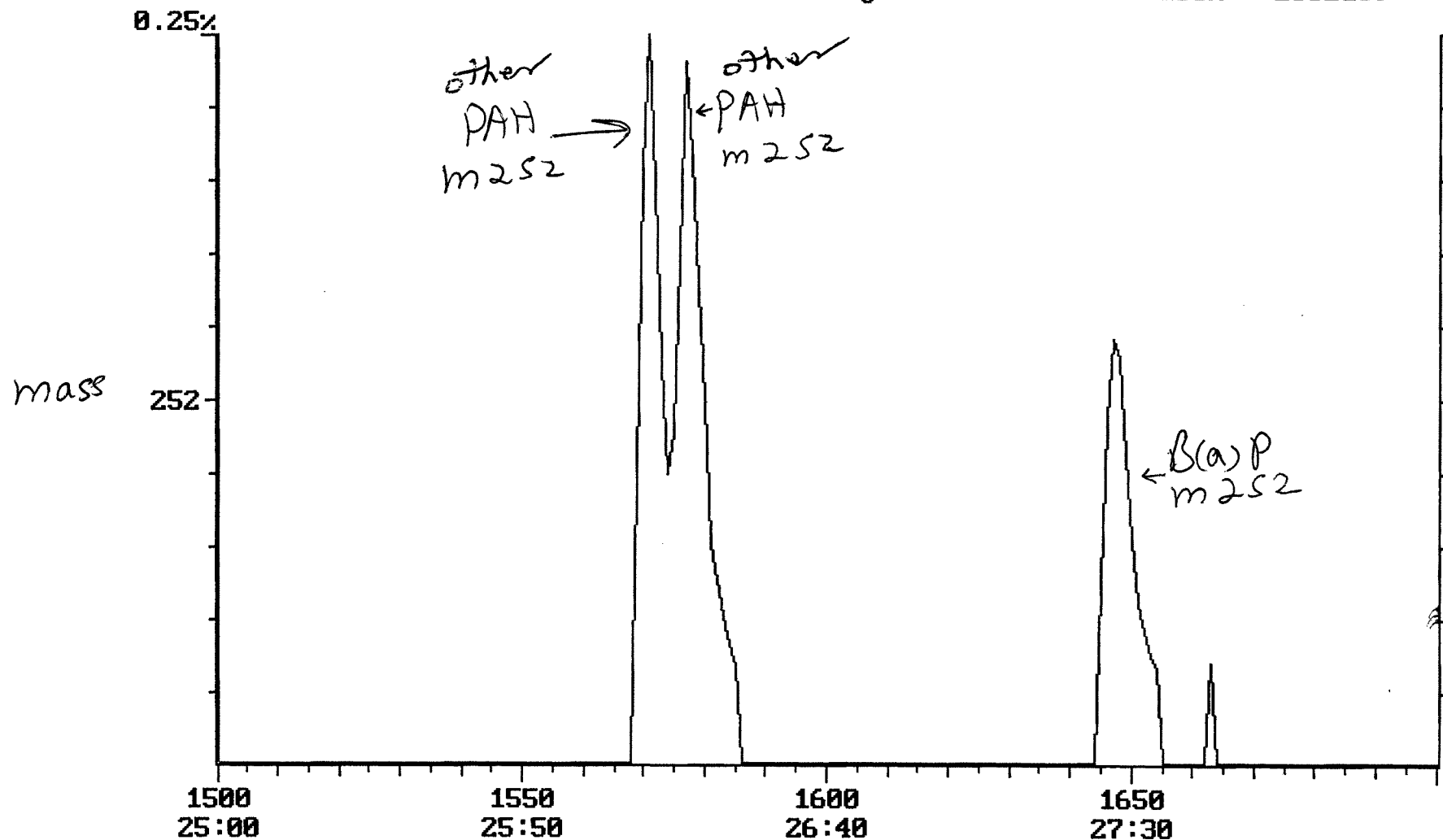
RIC: 32588

Mass Range: 47 - 207

Plotted: 1500 to 1700

Range: 1 to 1860

100% = 2862109



Background Subtract

File: E:\C2A0915

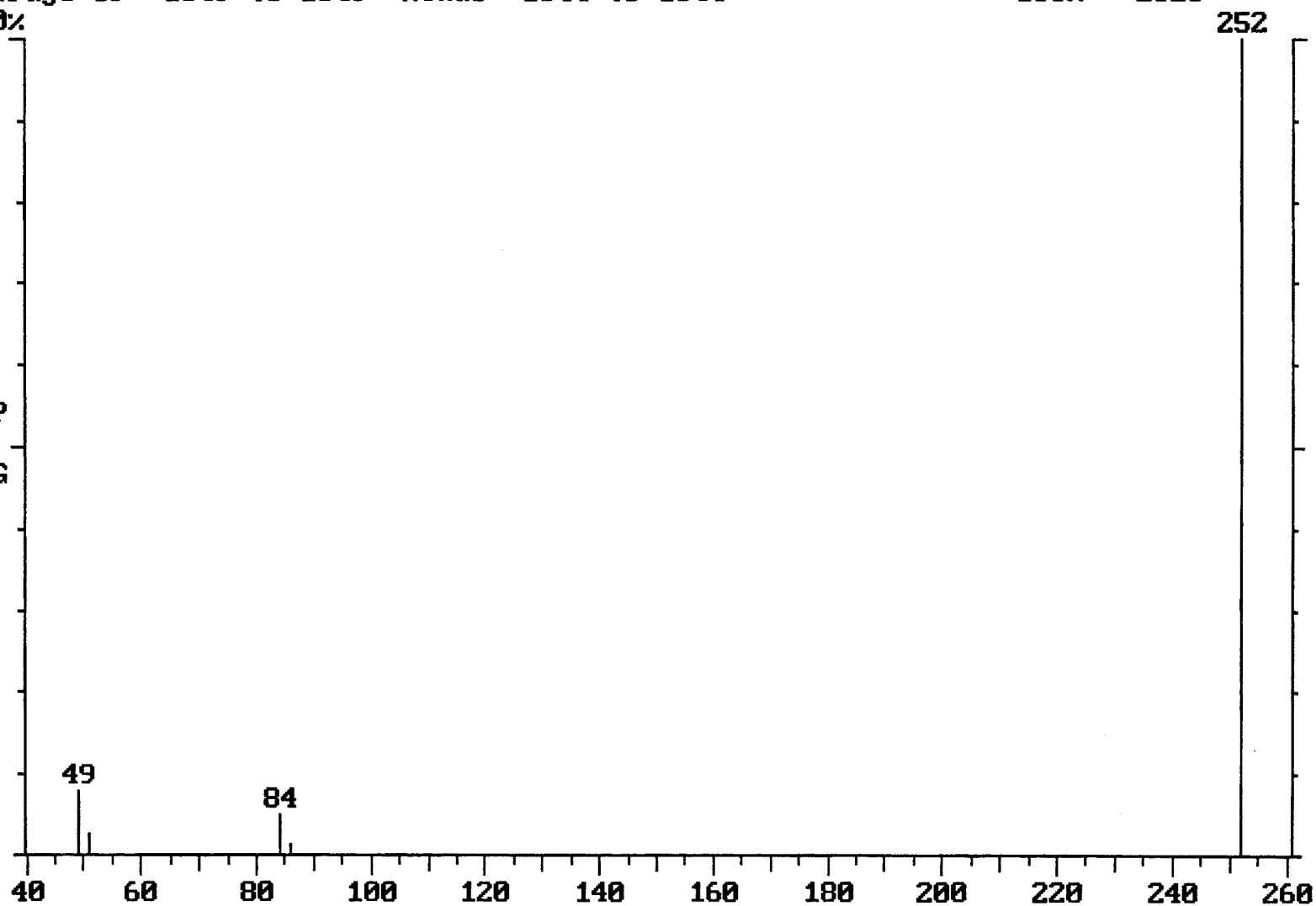
Date: Sep-15-1991 14:05:38

Comment: BOHLK; METHOD 525; INST 204; 09/15/01; C2

Average of: 1649 to 1649 Minus: 1644 to 1644

100% = 2028

100%

SMP
-
BKG

Background Subtract

File: E:\C5A0915

Date: Sep-15-1991 15:49:35

Comment: BOHLK; METHOD 525; INST 204; 09/15/01; C5

Average of: 1649 to 1649 Minus: 1641 to 1641

100% = 61621

100%

