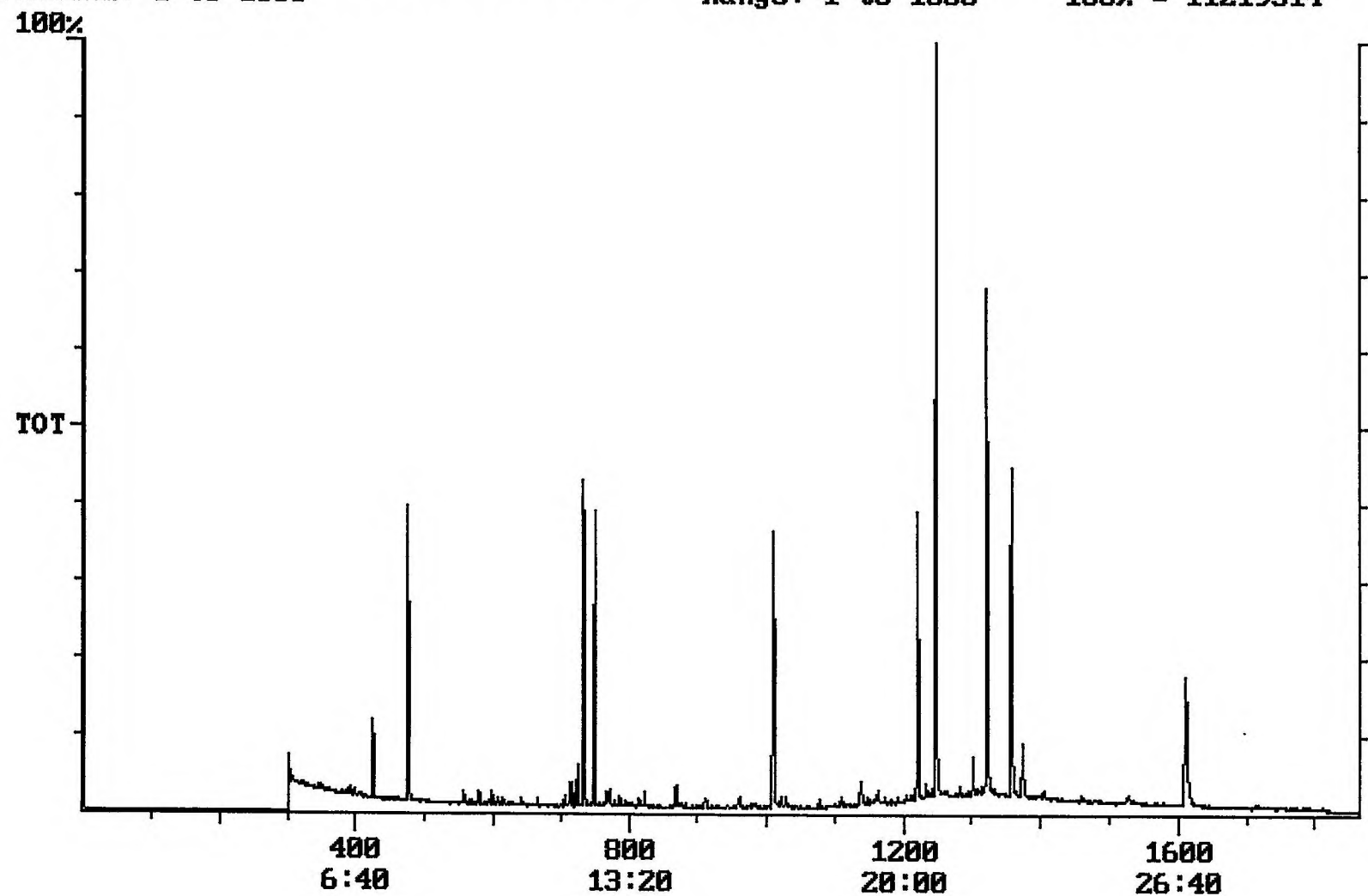


User: Bohlk, Ted  
 Westchester Dept. of Labs & Research  
 Date: 01/03/2002 Time: 11:08:31

Sample: AD26984  
 Analysis: \$525 Organic Chemicals - 525.2  
 Units: ug  
 Started: 11/13/01 11:07 Ended: 11/30/01 11:07 Analyst: TB  
 Result source: manual entry  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL  |
|----|--------------------------------|------|--------|-----------|------|
| 1  | Hexachlorocyclopentadiene      |      | < MDL  |           | 0.10 |
| 2  | Hexachlorobenzene              |      | < MDL  |           | 0.10 |
| 3  | Simazine                       |      | < MDL  |           | 0.40 |
| 4  | Atrazine                       |      | < MDL  |           | 0.20 |
| 5  | Alachlor                       |      | < MDL  |           | 0.20 |
| 6  | bis(2-Ethylhexyl)adipate       |      | < MDL  |           | 0.60 |
| 7  | bis(2-Ethylhexyl)phthalate     |      | < MDL  |           | 0.60 |
| 8  | Benzo(a)pyrene                 |      | < MDL  |           | 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 |      | 4.3    |           | 1.0  |
| 20 | Surr_Triphenyl phosphate       |      | 5.3    |           | 1.0  |
| 21 | Surr_Perylene-d12              |      | 5.6    |           | 1.0  |

Chromatogram Plot      File: E:\26984H      Date: Nov-30-1991 22:46:02  
Comment: BOHLK; METHOD 525; INST 204; 11/30/01; SAMPLE 26984  
Scan No: 1      Retention Time: 0:01      RIC: 0      Mass Range: 0 - 0  
Plotted: 1 to 1860      Range: 1 to 1860      100% = 11219314



Integration Report      Quanfile: 26984H      Quan Entries: 18  
 Comment: BOHLK; METHOD 525; INST 204; 11/30/01; SAMPLE 26984  
 Sorted via: Entry Number ↑

| No | Name of Compound            | R Time | Scan# | Mode | Peak Area | Pk Height |
|----|-----------------------------|--------|-------|------|-----------|-----------|
| 1  | acenaphthene d-10 (IS)      | 12:13  | 733   | Auto | 2,398,370 | 1,208,211 |
| 2  | phenanthrene d-10 (IS)      | 16:50  | 1010  | Auto | 3,765,016 | 1,345,587 |
| 3  | chrysene d-12 (IS)          | 22:37  | 1357  | Auto | 3,050,227 | 1,476,557 |
| 4  | p-terphenyl d-14 (IS)       | 20:47  | 1247  | Auto | 7,160,416 | 3,928,568 |
| 5  | acenaphthene d-10 (SURR)    | 12:13  | 733   | Auto | 2,398,370 | 1,208,211 |
| 6  | phenanthrene d-10 (SURR)    | 16:50  | 1010  | Auto | 3,765,016 | 1,345,587 |
| 7  | chrysene d-12 (SURR)        | 22:37  | 1357  | Auto | 3,050,227 | 1,476,557 |
| 8  | 1,3-dimethyl-2-nitrobenzene | 7:55   | 475   | Auto | 1,239,763 | 701,379   |
| 9  | triphenyl phosphate (S)     | 22:02  | 1322  | Auto | 1,785,175 | 1,044,524 |
| 10 | perylene d-12 (SURR)        | 26:51  | 1611  | Auto | 1,978,019 | 463,755   |
| 11 | hexachlorocyclopentadiene   | 10:05  | 605   | Auto | 2,848     | 1,928     |
| 12 | bis(2-ethylhexyl)adipate    | 22:02  | 1322  | Auto | 55,809    | 17,429    |
| 13 | bis(2-ethylhexyl)phthalate  | 22:54  | 1374  | Auto | 576,692   | 226,482   |
| 14 | benzo(a)pyrene              | 26:38  | 1598  | Auto | 54,532    | 5,994     |
| 15 | 2,6-dinitrotoluene          | 11:53  | 713   | Auto | 88,540    | 43,648    |
| 16 | 2,4-dinitrotoluene          | 13:02  | 782   | Auto | 17,887    | 4,290     |
| 17 | butachlor                   | 20:20  | 1220  | Auto | 7,032     | 2,358     |
| 18 | 4,4'-dichlorodiphenyl ether | 20:43  | 1243  | Auto | 1,594     | 1,594     |

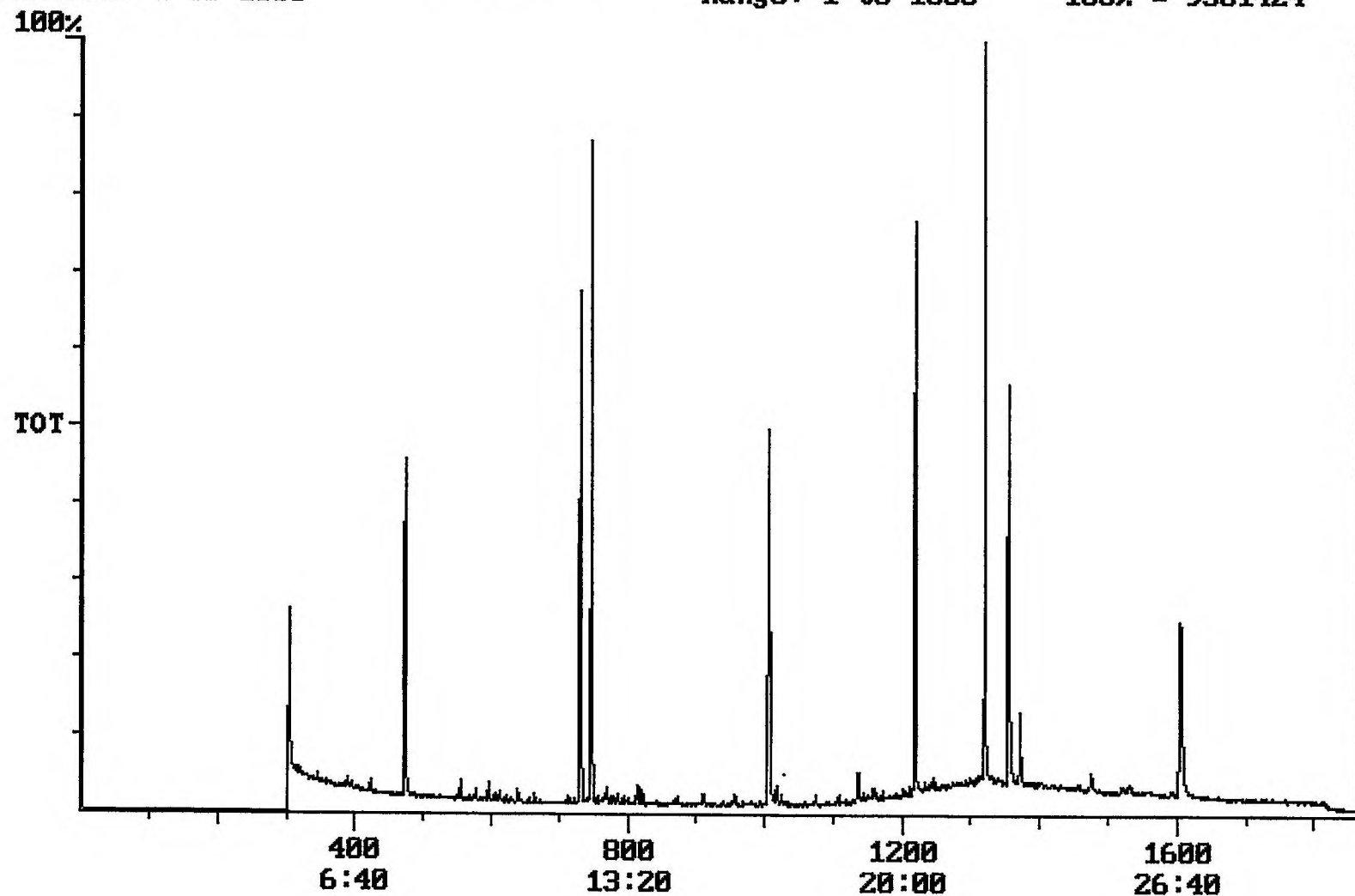
*reversed IS/SURR's*

Quantitation Report      Quanfile: 26984H      Quan Entries: 18  
 Comment: BOHLK; METHOD 525; INST 204; 11/30/01; SAMPLE 26984  
 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 | 733   | 12:13  | BB | 5.000       | UG/L  |
| 2   | phenanthrene d-10 (IS)  | I | 1010  | 16:50  | BV | 5.000       | UG/L  |
| 3   | chrysene d-12(IS)       | I | 1357  | 22:37  | BV | 5.000       | UG/L  |
| 4   | p-terphenyl d-14(IS)    | I | 1247  | 20:47  | BV | 5.000       | UG/L  |
| 5   | acenaphthene d-10(SURR) | A | 733   | 12:13  | BB | 2.209       | UG/L  |
| 6   | phenanthrene d-10(SURR) | A | 1010  | 16:50  | BV | 2.414       | UG/L  |
| 7   | chrysene d-12 (SURR)    | A | 1357  | 22:37  | BV | 2.545       | UG/L  |
| 8   | 1,3-dimethyl-2-nitrobe  | A | 475   | 7:55   | BV | 4.308       | UG/L  |
| 9   | triphenyl phosphate (S  | A | 1322  | 22:02  | BV | 5.279       | UG/L  |
| 10  | perylene d-12 (SURR)    | A | 1611  | 26:51  | BB | 5.617       | UG/L  |
| 11  | hexachlorocyclopentadi  | A | 605   | 10:05  | BB | 0.027       | UG/L  |
| 16  | bis(2-ethylhexyl)adipa  | A | 1322  | 22:02  | MM | 0.081       | UG/L  |
| 17  | bis(2-ethylhexyl)phtha  | A | 1374  | 22:54  | BV | 0.513       | UG/L  |
| 18  | benzo(a)pyrene          | A | 1598  | 26:38  | MM | 0.083       | UG/L  |
| 20  | 2,6-dinitrotoluene      | A | 713   | 11:53  | BB | 0.632       | UG/L  |
| 21  | 2,4-dinitrotoluene      | A | 782   | 13:02  | MM | 0.113       | UG/L  |
| 27  | butachlor               | A | 1220  | 20:20  | MM | 0.027       | UG/L  |
| 28  | 4,4'-dde                | A | 1243  | 20:43  | BB | 0.006       | UG/L  |

## Chromatogram Plot

File: E:\26984GG Date: Dec-07-1991 02:28:44  
Comment: BOHLK; METHOD 525; INST 204; 12/06/01; SAMPLE 26984 RE-EXTD  
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0  
Plotted: 1 to 1860 Range: 1 to 1860 100% = 9381424



Integration Report      Quanfile: 26984GG      Quan Entries: 19  
 Comment: BOHLK; METHOD 525; INST 204; 12/06/01; SAMPLE 26984 RE-EXTD  
 Sorted via: Entry Number ↑

| No | Name of Compound            | R Time | Scan# | Mode | Peak Area | Pk Height |
|----|-----------------------------|--------|-------|------|-----------|-----------|
| 1  | acenaphthene d-10 (IS)      | 12:11  | 731   | Auto | 2,757,586 | 1,623,880 |
| 2  | phenanthrene d-10 (IS)      | 16:46  | 1006  | Auto | 4,281,732 | 1,647,208 |
| 3  | chrysene d-12 (IS)          | 22:34  | 1354  | Auto | 3,213,833 | 1,471,255 |
| 4  | p-terphenyl d-14 (IS)       | 22:34  | 1354  | Auto | 3,213,833 | 1,471,255 |
| 5  | acenaphthene d-10 (SURR)    | 12:11  | 731   | Auto | 2,757,586 | 1,623,880 |
| 6  | phenanthrene d-10 (SURR)    | 16:46  | 1006  | Auto | 4,281,732 | 1,647,208 |
| 7  | chrysene d-12 (SURR)        | 22:34  | 1354  | Auto | 3,213,833 | 1,471,255 |
| 8  | 1,3-dimethyl-2-nitrobenzene | 7:53   | 473   | Auto | 1,556,917 | 766,888   |
| 9  | triphenyl phosphate (S)     | 22:00  | 1320  | Auto | 1,984,139 | 1,303,221 |
| 10 | perylene d-12 (SURR)        | 26:46  | 1606  | Auto | 2,403,898 | 536,366   |
| 11 | hexachlorocyclopentadiene   | 10:03  | 603   | Auto | 2,332     | 1,198     |
| 12 | hexachlorobenzene           | 15:11  | 911   | Auto | 5,756     | 2,924     |
| 13 | simazine                    | 15:57  | 957   | Auto | 0         | 0         |
| 14 | bis(2-ethylhexyl)adipate    | 21:53  | 1313  | Auto | 17,793    | 7,793     |
| 15 | bis(2-ethylhexyl)phthalate  | 22:51  | 1371  | Auto | 555,150   | 234,191   |
| 16 | benzo(a)pyrene              | 26:33  | 1593  | Auto | 86,444    | 16,879    |
| 17 | 2,6-dinitrotoluene          | 11:52  | 712   | Auto | 11,880    | 5,953     |
| 18 | butachlor                   | 20:19  | 1219  | Auto | 22,710    | 12,078    |
| 19 | 4,4'-dichlorodiphenyl ether | 20:41  | 1241  | Auto | 4,394     | 2,893     |

not present

reversed IS/SURR

## Quantitation Report

Quanfile: 26984GG

Quan Entries: 19

Comment: BOHLK; METHOD 525; INST 204; 12/06/01; SAMPLE 26984 RE-EXTD

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 | 731   | 12:11  | BV | 5.000       | UG/L  |
| 2   | phenanthrene d-10 (IS)      | I | 1006  | 16:46  | BV | 5.000       | UG/L  |
| 3   | chrysene d-12(IS)           | I | 1354  | 22:34  | BB | 5.000       | UG/L  |
| 4   | p-terphenyl d-14(IS)        | I | 1354  | 22:34  | BB | 5.000       | UG/L  |
| 5   | acenaphthene d-10(SURR)     | A | 731   | 12:11  | BV | 4.725       | UG/L  |
| 6   | phenanthrene d-10(SURR)     | A | 1006  | 16:46  | BV | 5.731       | UG/L  |
| 7   | chrysene d-12 (SURR)        | A | 1354  | 22:34  | BB | 5.256       | UG/L  |
| 8   | 1,3-dimethyl-2-nitrobenzene | A | 473   | 7:53   | BB | 6.050       | UG/L  |
| 9   | triphenyl phosphate (S)     | A | 1320  | 22:00  | BV | 6.372       | UG/L  |
| 10  | perylene d-12 (SURR)        | A | 1606  | 26:46  | BV | 5.134       | UG/L  |
| 11  | hexachlorocyclopentadiene   | A | 603   | 10:03  | BB | 0.021       | UG/L  |
| 12  | hexachlorobenzene           | A | 911   | 15:11  | BB | 0.021       | UG/L  |
| 13  | simazine                    | A | 957   | 15:57  | BB | 0.001       | UG/L  |
| 16  | bis(2-ethylhexyl)adipate    | A | 1313  | 21:53  | MM | 0.038       | UG/L  |
| 17  | bis(2-ethylhexyl)phthalate  | A | 1371  | 22:51  | BV | 0.597       | UG/L  |
| 18  | benzo(a)pyrene              | A | 1593  | 26:33  | MM | 0.139       | UG/L  |
| 20  | 2,6-dinitrotoluene          | A | 712   | 11:52  | BB | 0.073       | UG/L  |
| 27  | butachlor                   | A | 1219  | 20:19  | BB | 0.059       | UG/L  |
| 28  | 4,4'-dichlorodiphenyl ether | A | 1241  | 20:41  | BB | 0.012       | UG/L  |

does  
not  
applyTB  
1/2/02confirmed as  
BAP.

## Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\26984FB.D

Acq On : 20 Dec 2001 12:34 pm

Sample : 12/17 fblks

Misc :

MS Integration Params: BENZO.P

Quant Time: Dec 20 13:11:07 2001

Vial: 32

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Results File: 121401.RES

Quant Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)

Title : Quantitation For Method 525.2

Last Update : Tue Dec 18 09:35:41 2001

Response via : Initial Calibration

DataAcq Meth : 121401

| Internal Standards   | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------|-------|------|----------|------|-------|----------|
| 1) Acenaphthene-d10  | 18.20 | 164  | 5462876  | 5.00 | ug/L  | 0.00     |
| 9) Phenanthrene D-10 | 22.53 | 188  | 7797224  | 5.00 | ug/L  | 0.00     |
| 20) Chrysene D-12    | 30.30 | 240  | 5353466  | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |       |     |          |      |         |      |
|-------------------------------|-------|-----|----------|------|---------|------|
| 2) 1,3-Dimethyl-2-nitrobenzen | 13.13 | 134 | 1280042  | 4.58 | ug/L    | 0.00 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 91.60%  |      |
| 19) Triphenyl Phosphate surr  | 29.58 | 326 | 1394212  | 5.88 | ug/L    | 0.00 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 117.60% |      |
| 21) Perylene D-12 surr        | 34.32 | 264 | 3650130  | 5.16 | ug/L    | 0.00 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 103.20% |      |

## Target Compounds

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units    | Qvalue |
|--------------------------------|-------|------|----------|--------|----------|--------|
| 3) Hexachlorocyclopentadiene   | 0.00  | 237  | 0        | N.D.   |          |        |
| 4) Hexachlorobenzene           | 0.00  | 284  | 0        | N.D.   |          |        |
| 5) EPTC                        | 0.00  | 128  | 0        | N.D.   |          |        |
| 6) 2,6-Dinitrotoluene          | 0.00  | 165  | 0        | N.D. d |          |        |
| 7) 2,4-Dinitrotoluene          | 19.26 | 165  | 1231     | 0.31   | ug/L \   | 75     |
| 8) Molinate                    | 0.00  | 126  | 0        | N.D. d |          |        |
| 10) Simazine                   | 0.00  | 201  | 0        | N.D.   |          |        |
| 11) Atrazine                   | 0.00  | 200  | 0        | N.D.   |          |        |
| 12) Alachlor                   | 0.00  | 160  | 0        | N.D.   |          |        |
| 13) Terbacil                   | 22.53 | 161  | 89555    | 0.73   | ug/L # \ | 1      |
| 14) Acetochlor                 | 0.00  | 146  | 0        | N.D.   |          |        |
| 15) Metribuzin                 | 0.00  | 198  | 0        | N.D.   |          |        |
| 16) Metolachlor                | 0.00  | 162  | 0        | N.D.   |          |        |
| 17) Butachlor                  | 0.00  | 160  | 0        | N.D. d |          |        |
| 18) 4,4'-DDE                   | 0.00  | 246  | 0        | N.D.   |          |        |
| 22) Bis (2-Ethylhexyl) adipate | 29.52 | 129  | 13333    | 0.40   | ug/L # \ | 38     |
| 23) Bis (2-Ethylhexyl) phthala | 30.96 | 149  | 849624   | 0.86   | ug/L \   | 96     |
| 24) Benzo (a) pyrene           | 0.00  | 252  | 0        | N.D. d |          |        |

FB  
for  
26984

(#) = qualifier out of range (m) = manual integration

26984FB.D 121401.M

Wed Jan 02 09:19:49 2002

Page 1

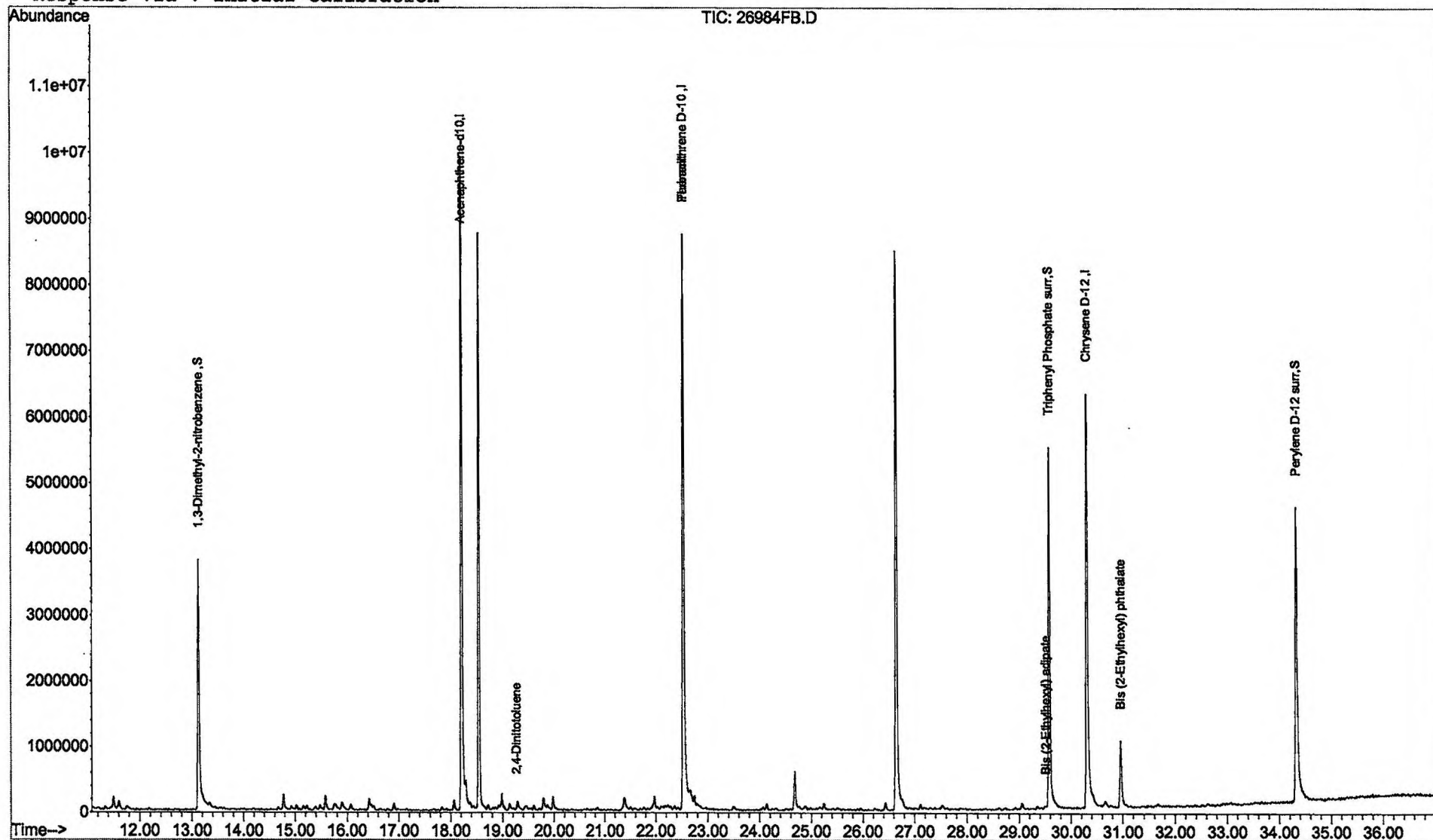
Quantitation report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\26984FB.D  
 Acq On : 20 Dec 2001 12:34 pm  
 Sample : 12/17 fblks  
 Misc :  
 MS Integration Params: BENZO.P  
 Quant Time: Jan 2 9:19 2002

Vial: 32  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Results File: 121401.RES

Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)  
 Title : Quantitation For Method 525.2  
 Last Update : Tue Dec 18 09:35:41 2001  
 Response via : Initial Calibration



• **Comments for Sample AD26984 - Analysis \$525**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-04-2002 Time: 10:39:11

The recoveries for 5 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 48%.