

# Quantitation Report (QT Reviewed)

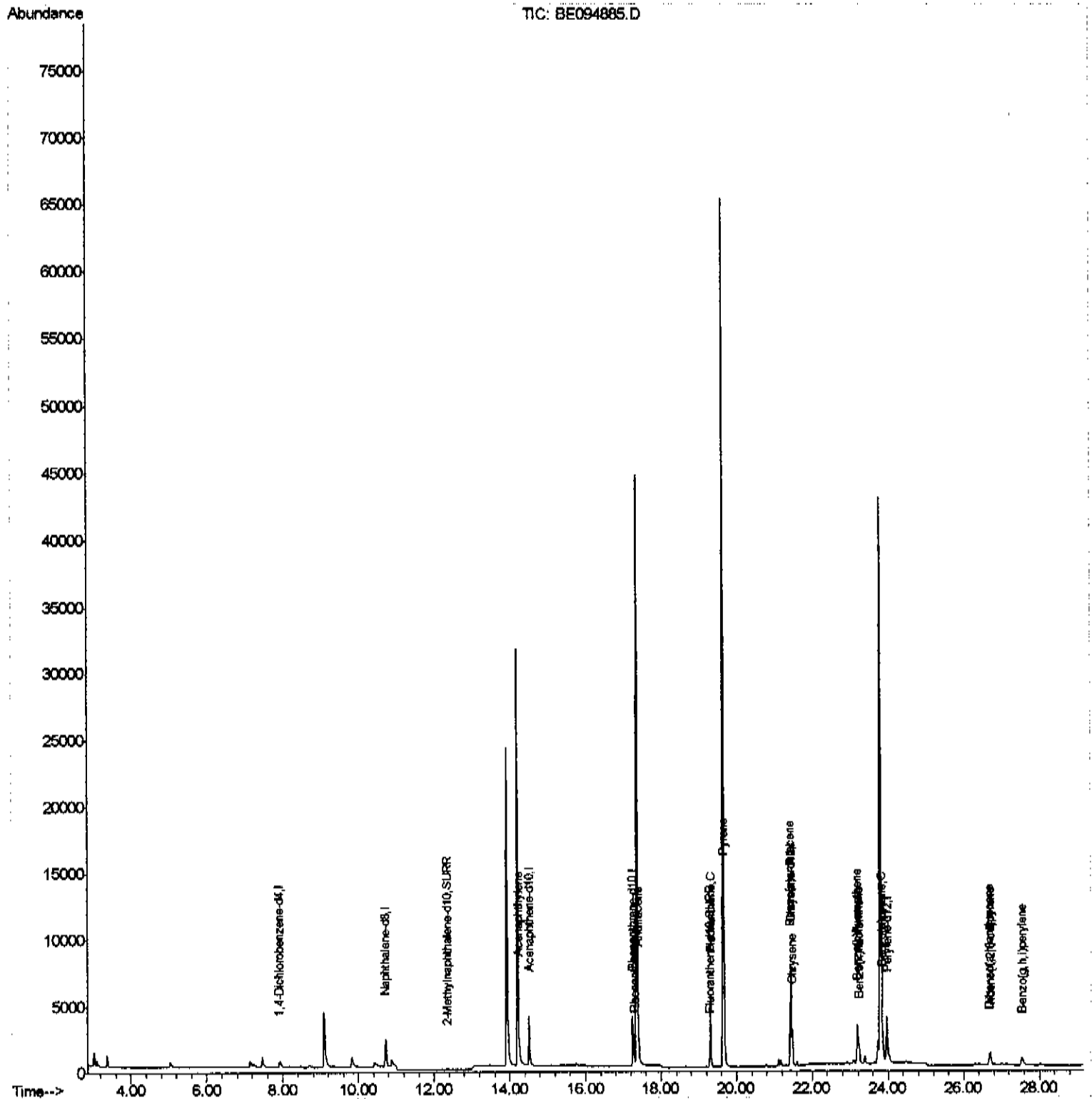
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\  
 Data File : BE094885.D  
 Acq On : 28 Nov 2017 15:47  
 Operator : SJ/JU  
 Sample : I6496-19DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 COAB0DL

Manual Integrations  
 APPROVED

Sohil  
 11/29/2017 5:15:05 PM

Quant Time: Nov 29 01:58:03 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 29 01:10:42 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

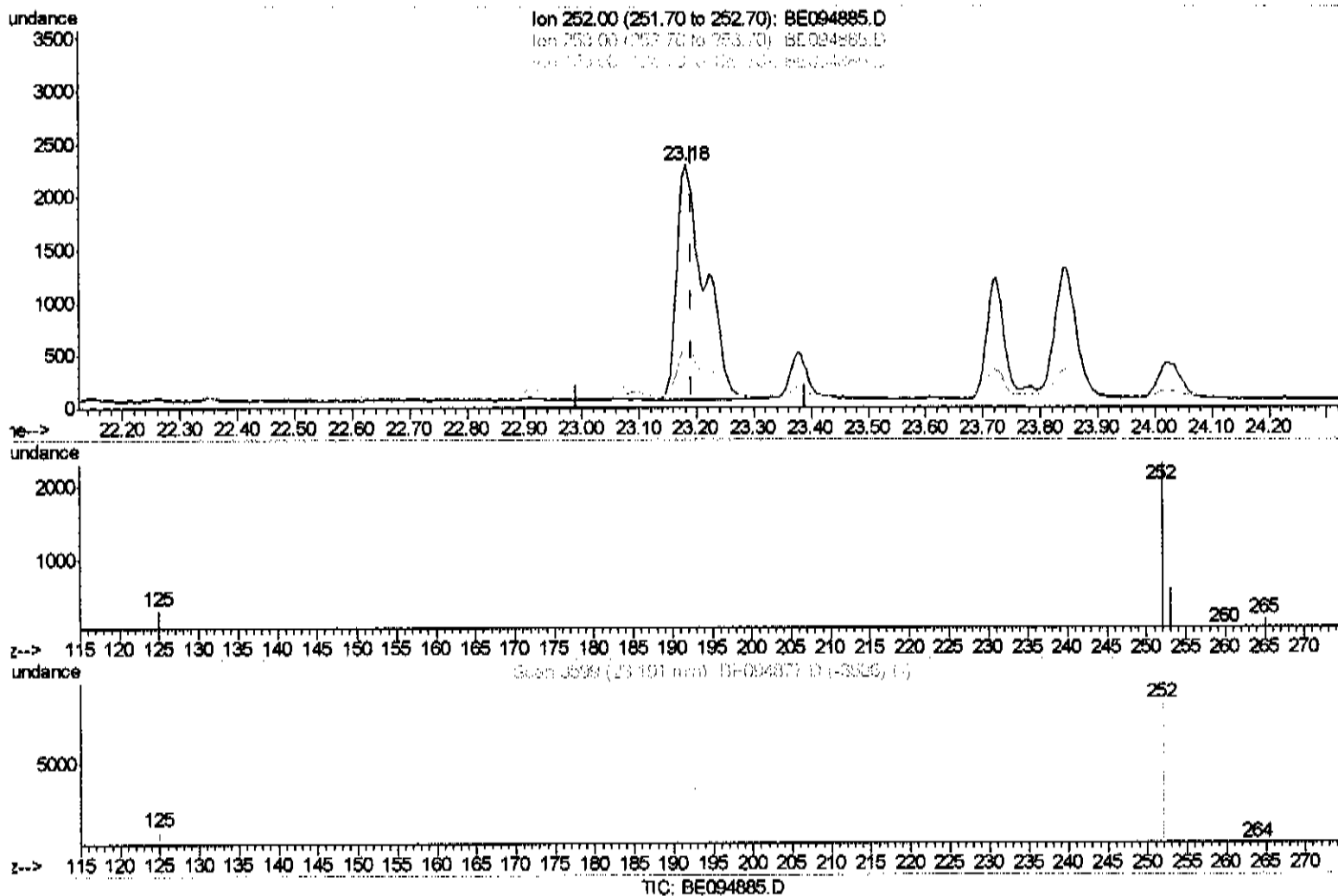
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\  
 Data File : BE094885.D  
 Acq On : 28 Nov 2017 15:47  
 Operator : SJ/JU  
 Sample : I6496-19DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 COAB0DL

Manual Integrations  
 APPROVED

Sohil  
 11/29/2017 5:15:05 PM

Quant Time: Nov 29 01:14:16 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 29 01:10:42 2017  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.180min (-0.010) 0.39ng/ul

response 7527

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 25.88 |
| 125.00 | 17.50 | 13.44 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

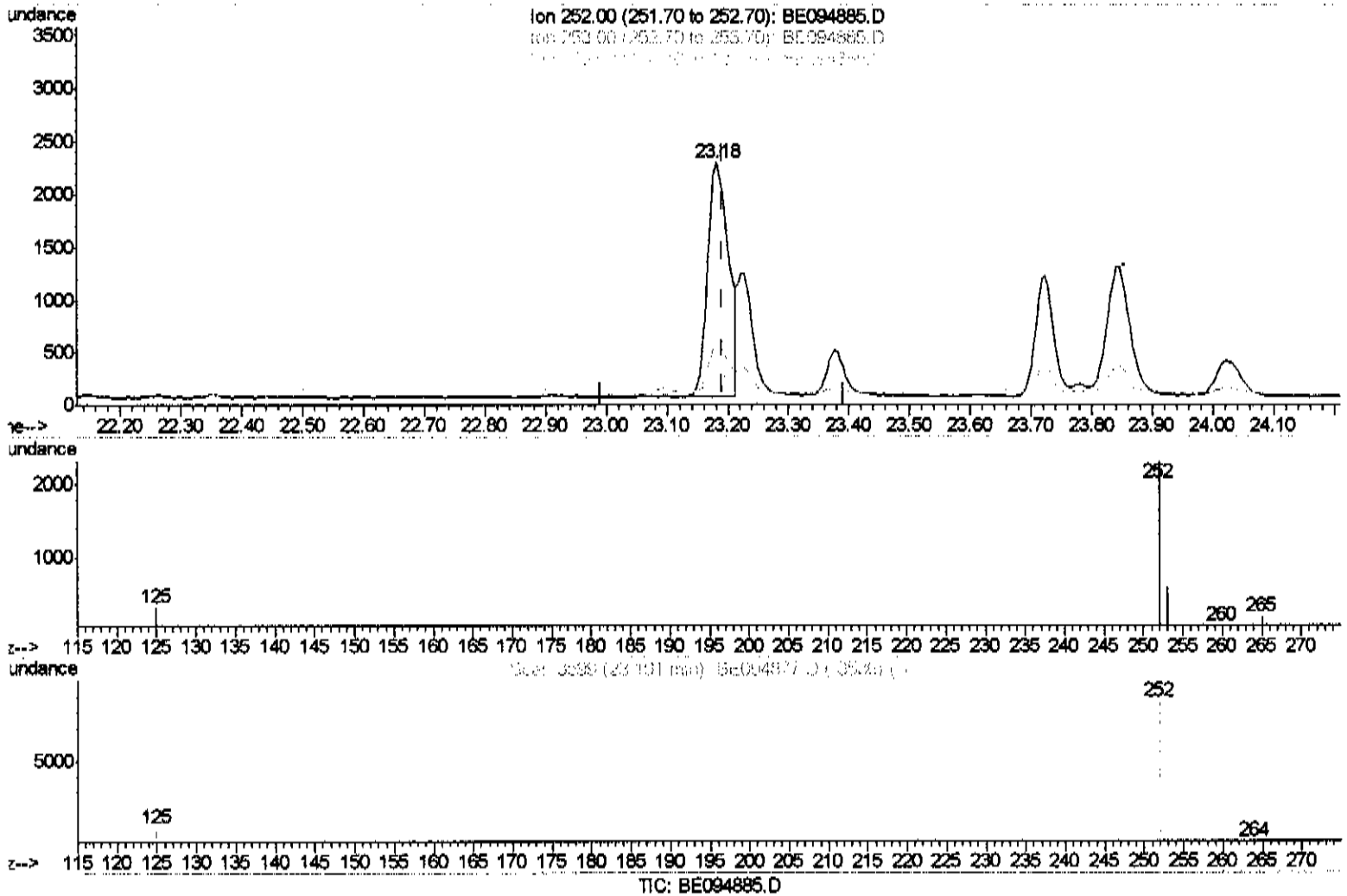
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\  
 Data File : BE094885.D  
 Acq On : 28 Nov 2017 15:47  
 Operator : SJ/JU  
 Sample : I6496-19DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AB0DL

Manual Integrations  
 APPROVED

Sohil  
 11/29/2017 5:15:05 PM

Quant Time: Nov 29 01:14:16 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 29 01:10:42 2017  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.180min (-0.010) 0.28ng/ul m

*SJ 11/29/17*

response 5428

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 25.88 |
| 125.00 | 17.50 | 13.44 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

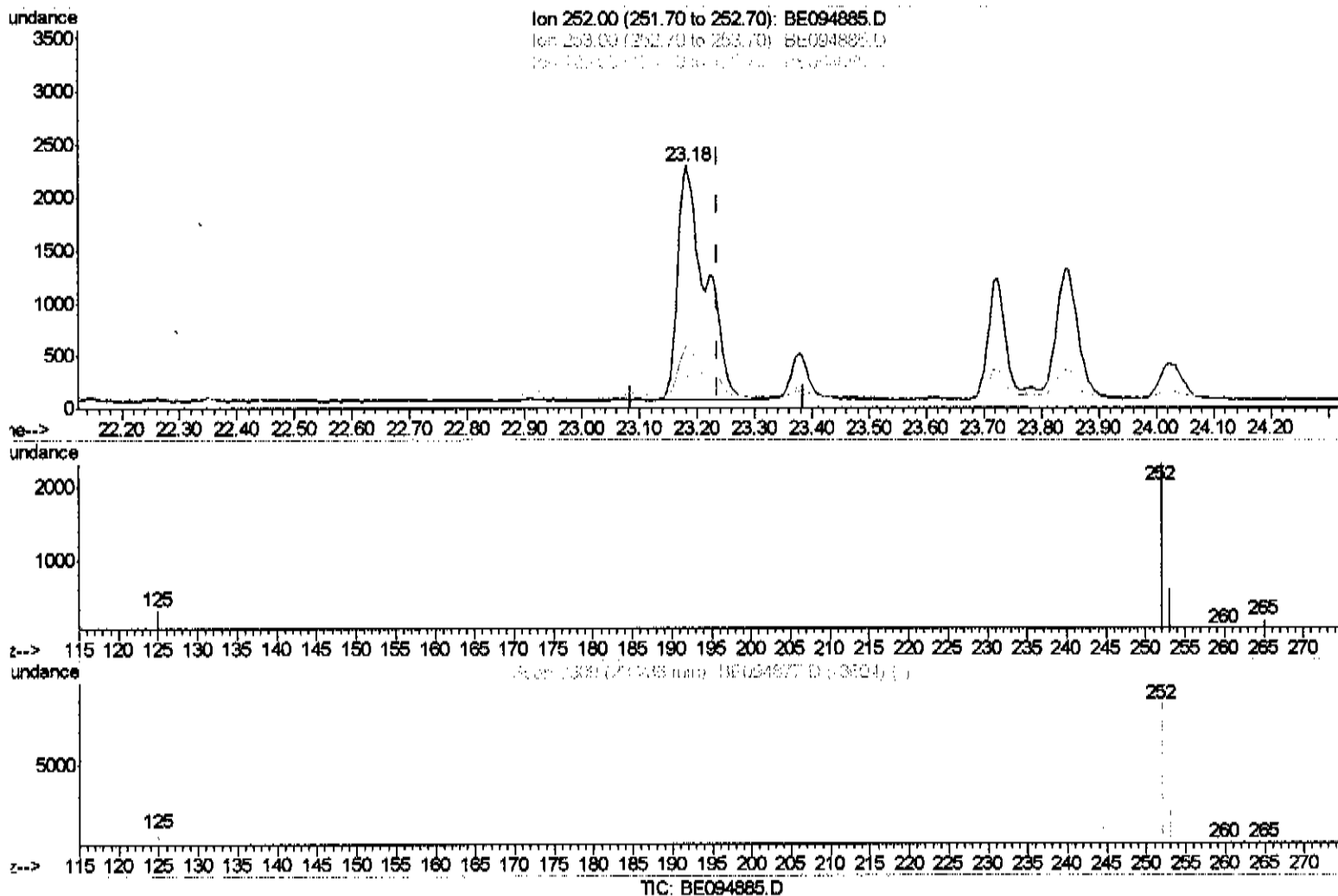
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\  
 Data File : BE094885.D  
 Acq On : 28 Nov 2017 15:47  
 Operator : SJ/JU  
 Sample : I6496-19DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AB0DL

Manual Integrations  
 APPROVED

Sohil  
 11/29/2017 5:15:05 PM

Quant Time: Nov 29 01:14:16 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 29 01:10:42 2017  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.180min (-0.056) 0.37ng/ul

response 7523

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 25.88  |
| 125.00 | 17.10 | 13.44# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

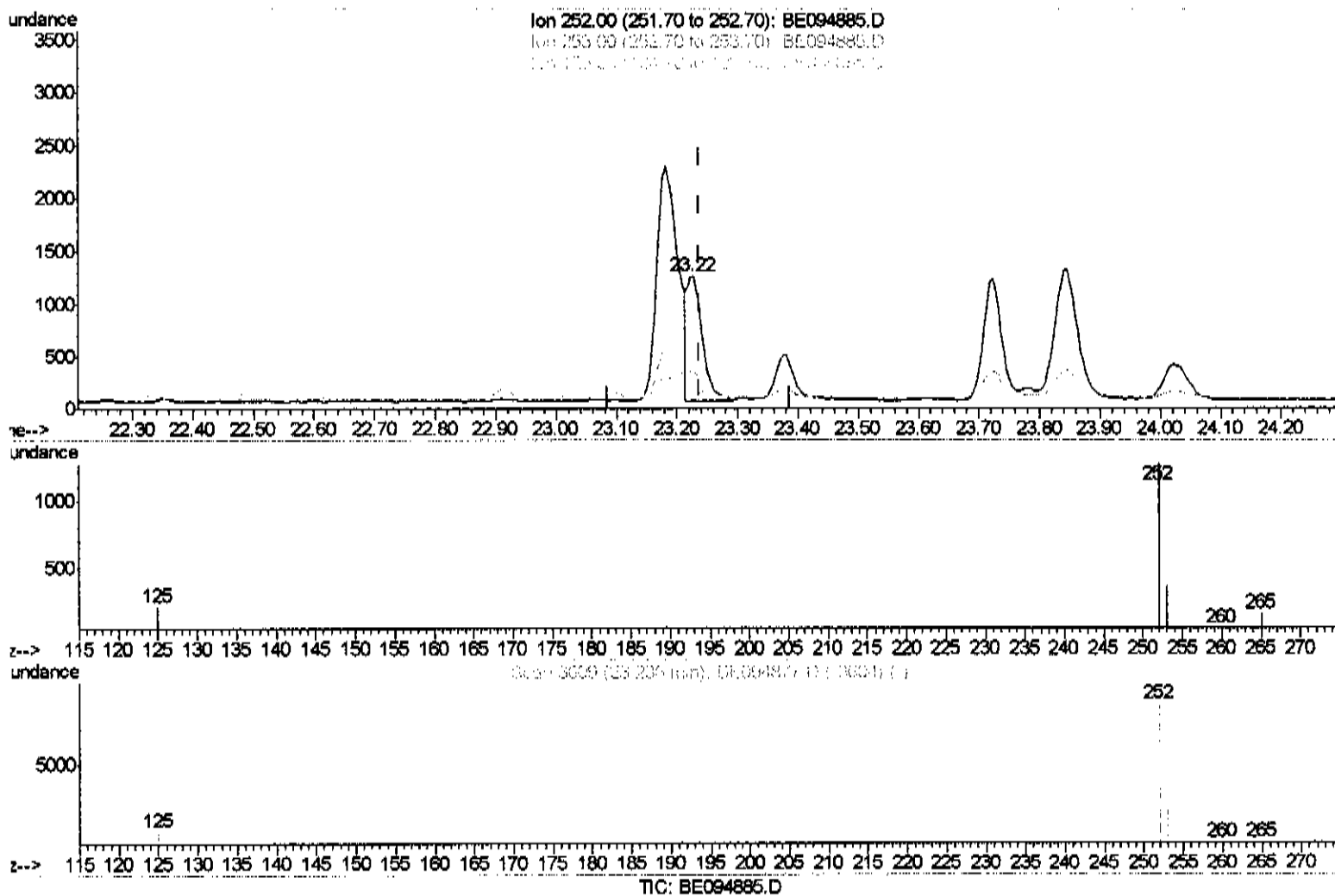
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\  
 Data File : BE094885.D  
 Acq On : 28 Nov 2017 15:47  
 Operator : SJ/JU  
 Sample : I6496-19DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 COAB0DL

Manual Integrations  
 APPROVED

Sohil  
 11/29/2017 5:15:05 PM

Quant Time: Nov 29 01:14:16 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 29 01:10:42 2017  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.221min (-0.015) 0.10ng/ul m *51 11/29/17*

response 2090

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 28.79 |
| 125.00 | 17.10 | 17.21 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\  
 Data File : BE094885.D  
 Acq On : 28 Nov 2017 15:47  
 Operator : SJ/JU  
 Sample : I6496-19DL 5X  
 Disc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 COABODL

Manual Integrations  
 APPROVED

Sohil  
 11/29/2017 5:15:05 PM

Quant Time: Nov 29 01:58:03 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Wed Nov 29 01:10:42 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 532      | 0.40 | ng/ul | -0.04    |
| 2) Naphthalene-d8         | 10.71 | 136  | 3507     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.51 | 164  | 2531     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.24 | 188  | 6041     | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.43 | 240  | 6179     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.96 | 264  | 6411     | 0.40 | ng/ul | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.34 | 152  | 273      | 0.05 | ng/ul | 0.04     |
| 14) Fluoranthene-d10        | 19.28 | 212  | 917      | 0.04 | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 7) Acenaphthylene          | 14.24 | 152  | 480      | 0.04 | ng/ul# | 68     |
| 12) Phenanthrene           | 17.29 | 178  | 942      | 0.06 | ng/ul# | 90     |
| 13) Anthracene             | 17.38 | 178  | 477      | 0.03 | ng/ul# | 63     |
| 15) Fluoranthene           | 19.31 | 202  | 6821     | 0.32 | ng/ul  | 84     |
| 17) Pyrene                 | 19.67 | 202  | 6739     | 0.35 | ng/ul# | 79     |
| 18) Benzo(a)anthracene     | 21.41 | 228  | 4593     | 0.24 | ng/ul# | 89     |
| 19) Chrysene               | 21.47 | 228  | 3347     | 0.18 | ng/ul  | 95     |
| 21) Benzo(b)fluoranthene   | 23.18 | 252  | 5428m    | 0.28 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.22 | 252  | 2090m    | 0.10 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.84 | 252  | 3331     | 0.18 | ng/ul# | 88     |
| 24) Indeno(1,2,3-cd)pyrene | 26.70 | 276  | 2278     | 0.11 | ng/ul# | 71     |
| 25) Dibenzo(a,h)anthracene | 26.67 | 278  | 602      | 0.03 | ng/ul# | 58     |
| 26) Benzo(a,h,i)perylene   | 27.54 | 276  | 1730     | 0.10 | ng/ul# | 88     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

> SJ 11/29/17