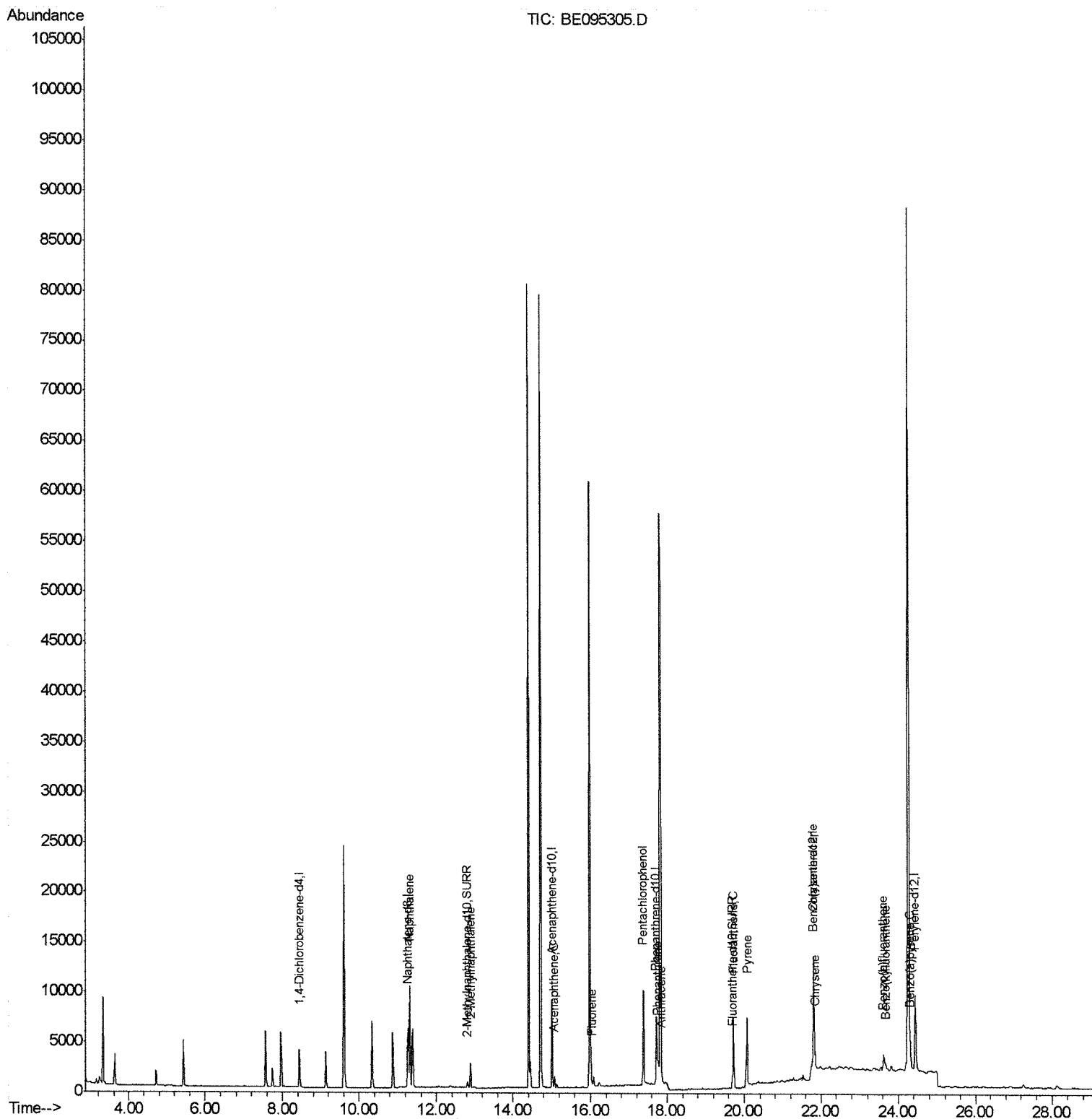


Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
Data File : BE095305.D  
Acq On : 31 Jan 2018 7:49  
Operator : SJ/JU  
Sample : J1223-08DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

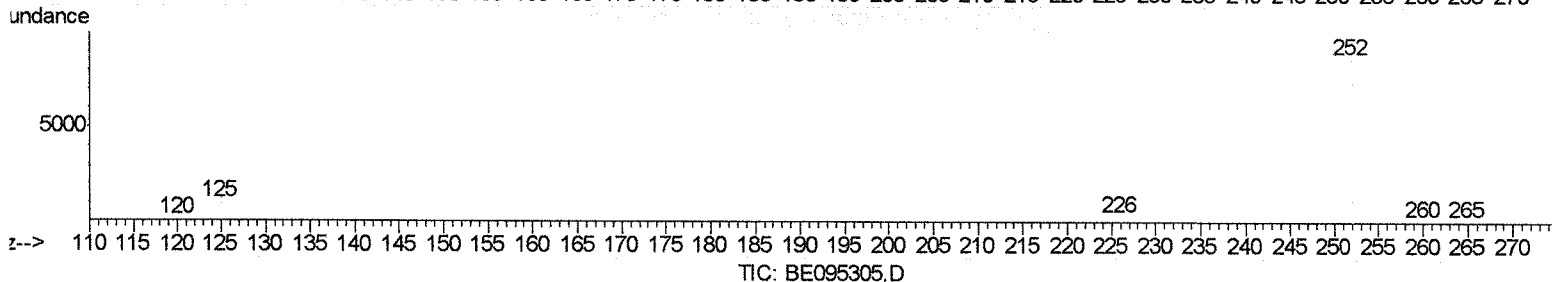
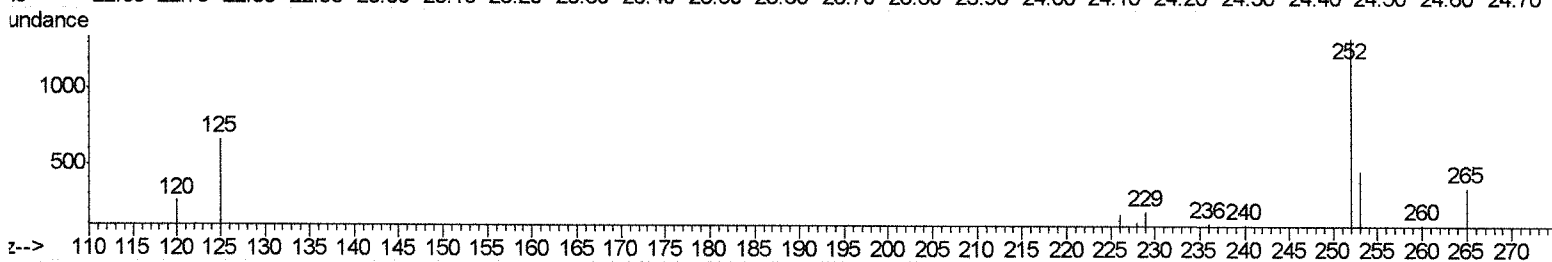
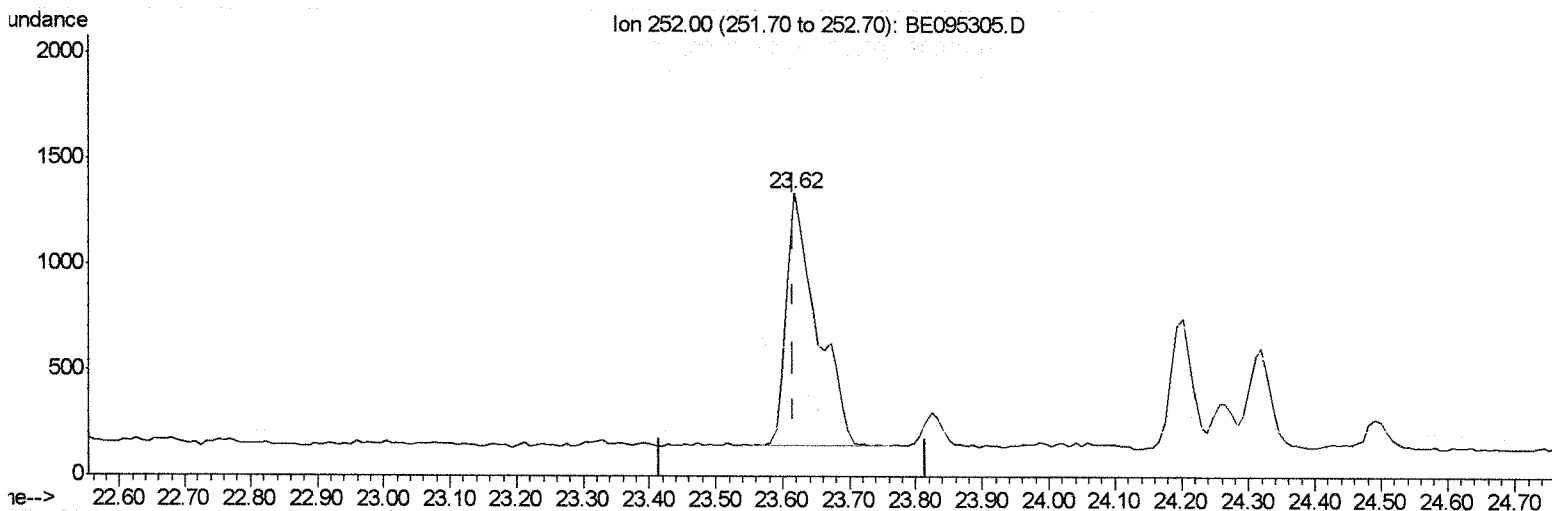
Quant Time: Jan 31 09:50:31 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 31 08:16:13 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095305.D  
 Acq On : 31 Jan 2018 7:49  
 Operator : SJ/JU  
 Sample : J1223-08DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 31 09:42:05 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 08:16:13 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.616min (+0.001) 0.10ng/ul

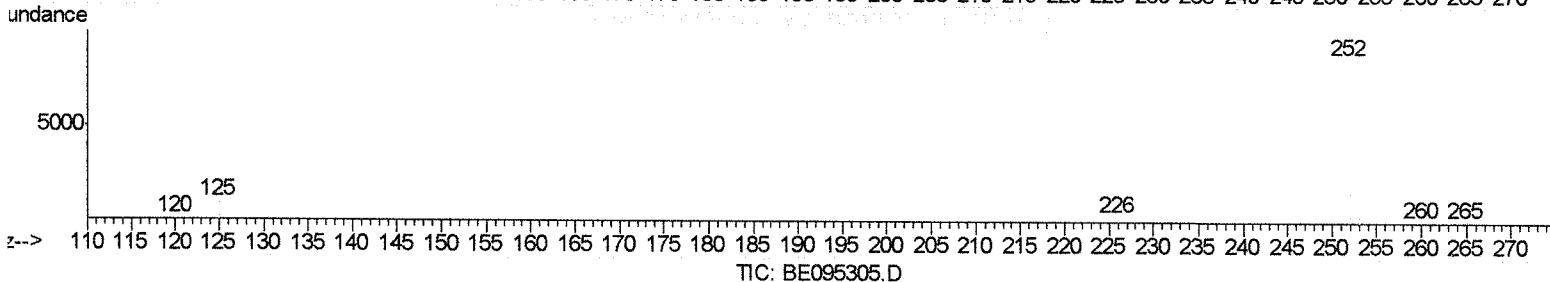
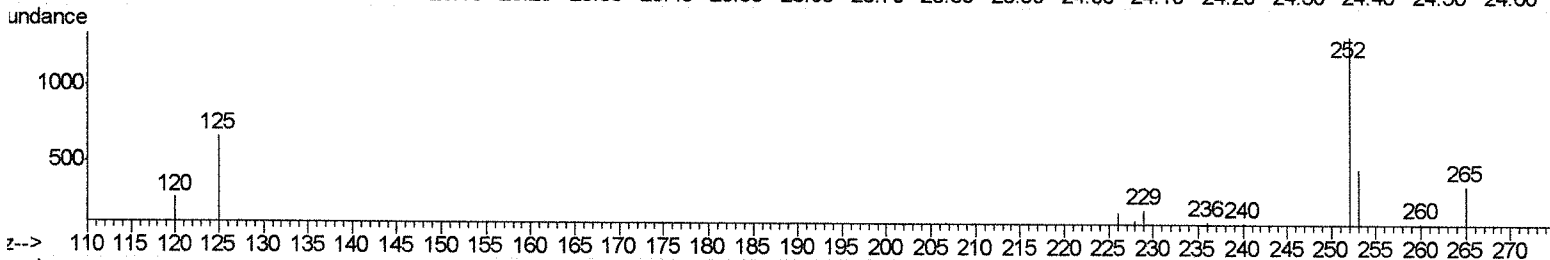
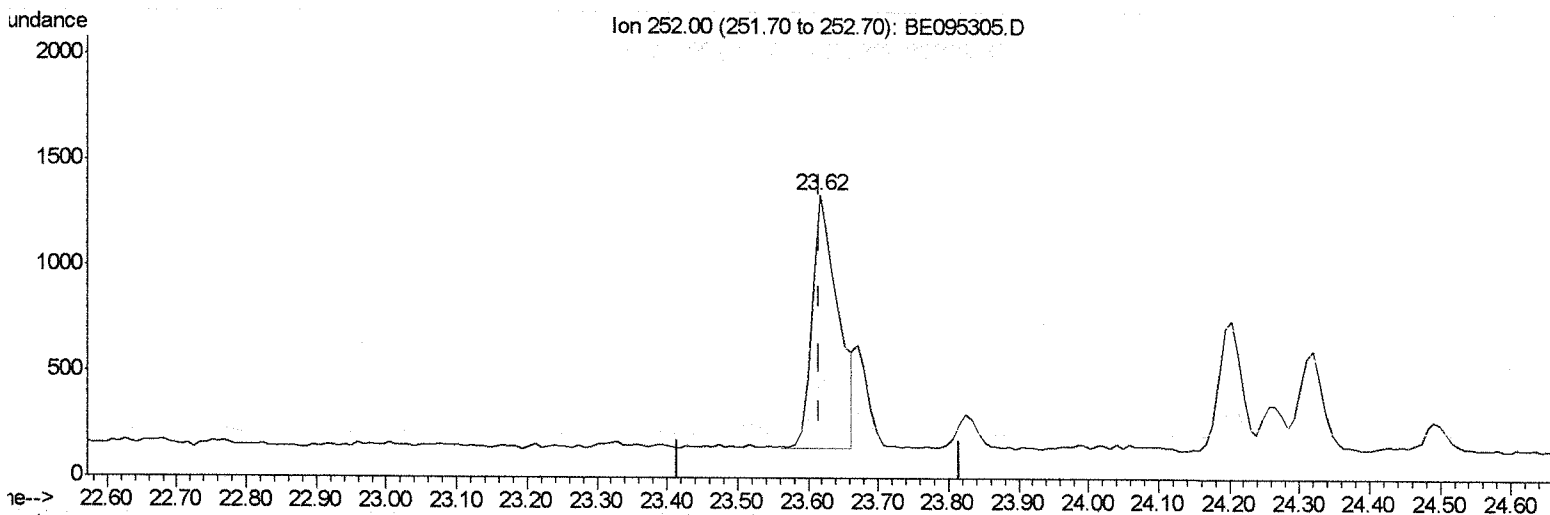
response 3782

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 34.68  |
| 125.00 | 17.50 | 49.37# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095305.D  
 Acq On : 31 Jan 2018 7:49  
 Operator : SJ/JU  
 Sample : J1223-08DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 31 09:42:05 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 08:16:13 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.616min (+0.001) 0.08ng/ul m

> 50 2/1/18

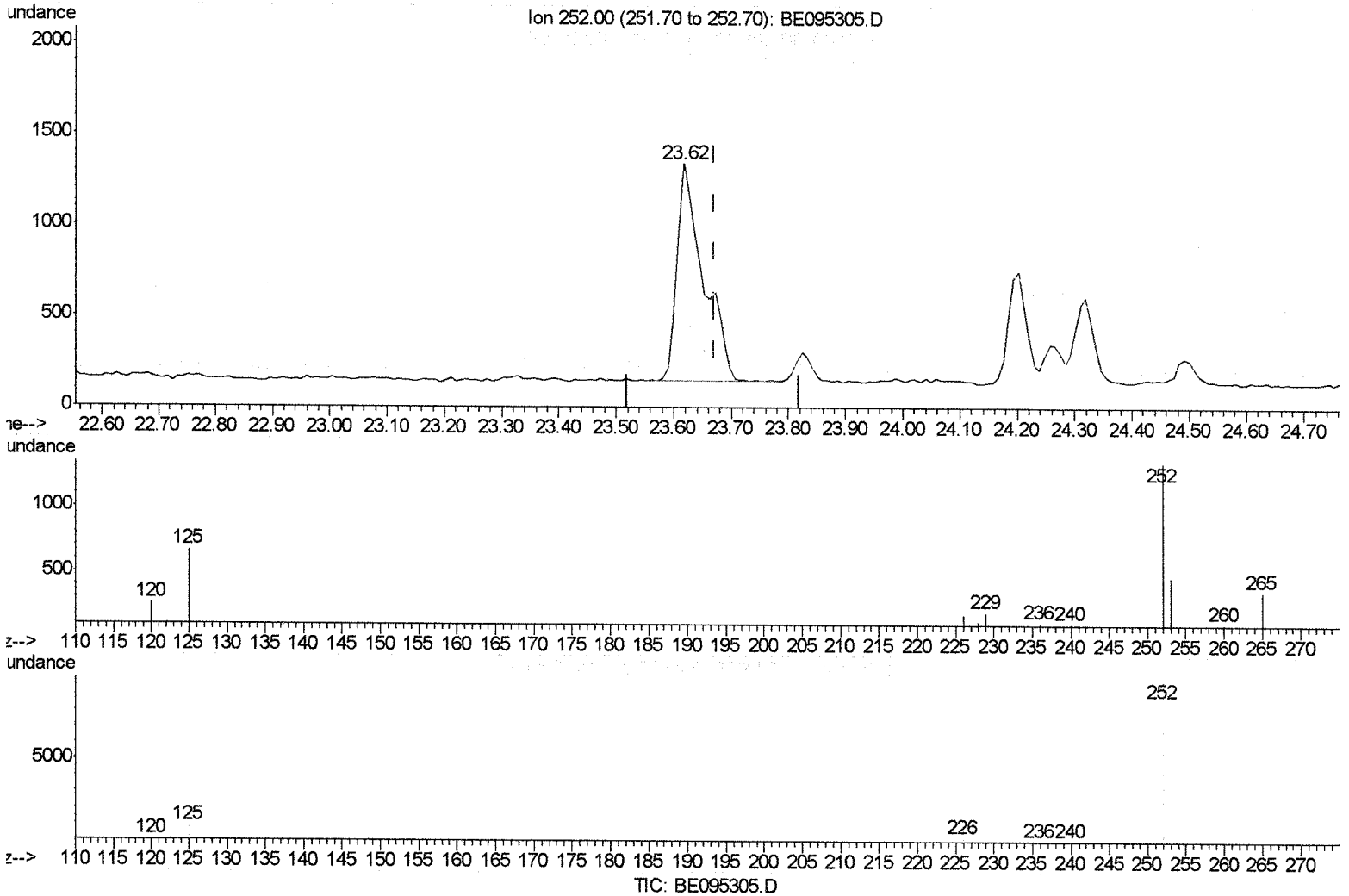
response 3183

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 34.68  |
| 125.00 | 17.50 | 49.37# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095305.D  
 Acq On : 31 Jan 2018 7:49  
 Operator : SJ/JU  
 Sample : J1223-08DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 31 09:42:05 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 08:16:13 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.616min (-0.054) 0.11ng/ul

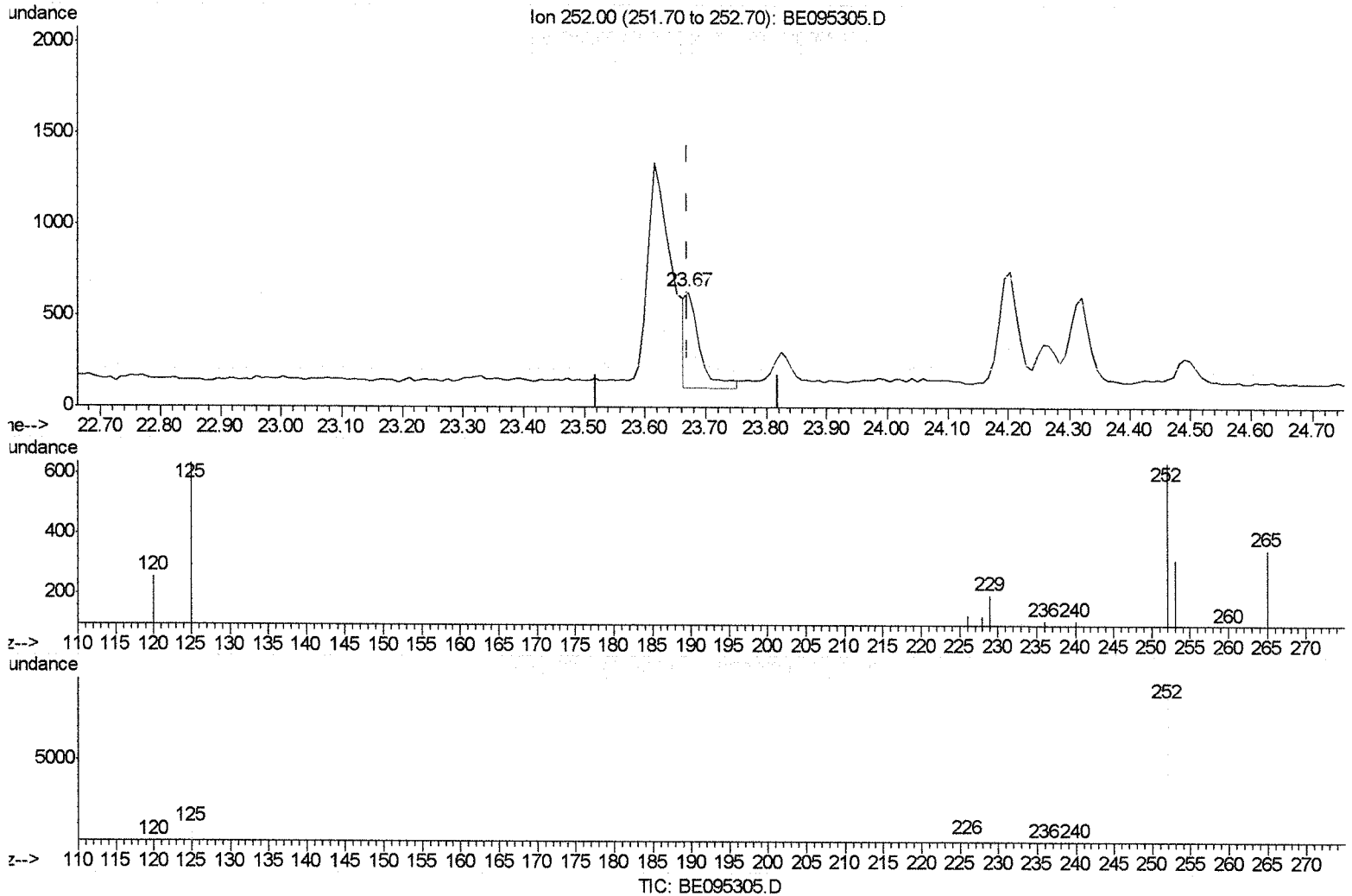
response 3782

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 34.68  |
| 125.00 | 17.10 | 49.37# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095305.D  
 Acq On : 31 Jan 2018 7:49  
 Operator : SJ/JU  
 Sample : J1223-08DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 31 09:42:05 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 08:16:13 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.671min (+0.001) 0.02ng/ul m

> SJ 2/1/18

response 839

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 49.45# |
| 125.00 | 17.10 | 99.69# |
| 0.00   | 0.00  | 0.00   |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095305.D  
 Acq On : 31 Jan 2018 7:49  
 Operator : SJ/JU  
 Sample : J1223-08DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 31 09:50:31 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Wed Jan 31 08:16:13 2018  
 Response via : Initial Calibration



| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.44  | 152  | 2516     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.26 | 136  | 7723     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.02 | 164  | 4733     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.71 | 188  | 10583    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.81 | 240  | 11119    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.44 | 264  | 10992    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152  | 672      | 0.05 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.70 | 212  | 1923     | 0.05 | ng/ul | 0.00     |

| Target Compounds         | R.T.  | QIon | Response | Conc  | Units  | Ovalue    |
|--------------------------|-------|------|----------|-------|--------|-----------|
| 3) Naphthalene           | 11.31 | 128  | 13745    | 0.636 | ng/ul# | 88        |
| 5) 2-Methylnaphthalene   | 12.89 | 142  | 2002     | 0.139 | ng/ul  | 99        |
| 8) Acenaphthene          | 15.08 | 153  | 615      | 0.035 | ng/ul# | 88        |
| 9) Fluorene              | 16.03 | 166  | 415      | 0.023 | ng/ul# | 76        |
| 11) Pentachlorophenol    | 17.36 | 266  | 5978     | 2.916 | ng/ul  | 95        |
| 12) Phenanthrene         | 17.75 | 178  | 2732     | 0.077 | ng/ul# | 91        |
| 13) Anthracene           | 17.85 | 178  | 658      | 0.020 | ng/ul# | 80        |
| 15) Fluoranthene         | 19.72 | 202  | 7806     | 0.169 | ng/ul  | 84        |
| 17) Pyrene               | 20.08 | 202  | 8574     | 0.230 | ng/ul# | 79        |
| 18) Benzo(a)anthracene   | 21.79 | 228  | 2148     | 0.062 | ng/ul# | 79        |
| 19) Chrysene             | 21.84 | 228  | 2070     | 0.057 | ng/ul# | 77        |
| 21) Benzo(b)fluoranthene | 23.62 | 252  | 3183m    | 0.082 | ng/ul  | 52 2/1/18 |
| 22) Benzo(k)fluoranthene | 23.67 | 252  | 839m     | 0.024 | ng/ul  |           |
| 23) Benzo(a)pyrene       | 24.32 | 252  | 1074     | 0.031 | ng/ul# | 26        |

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