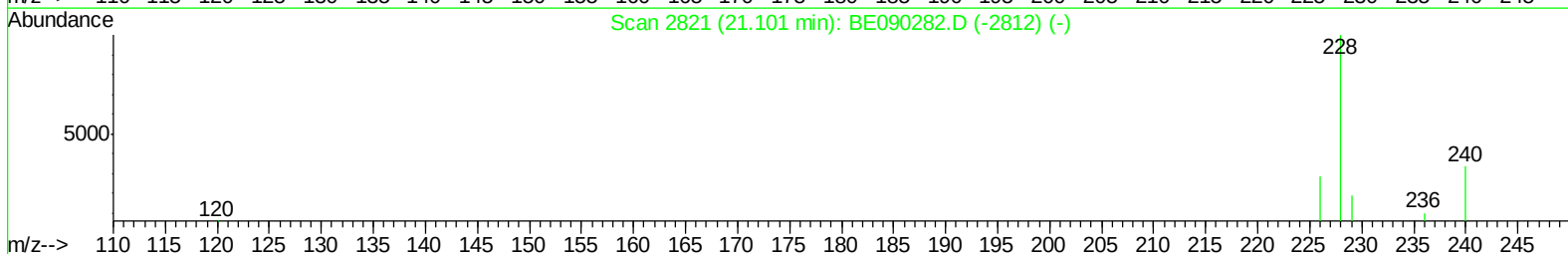
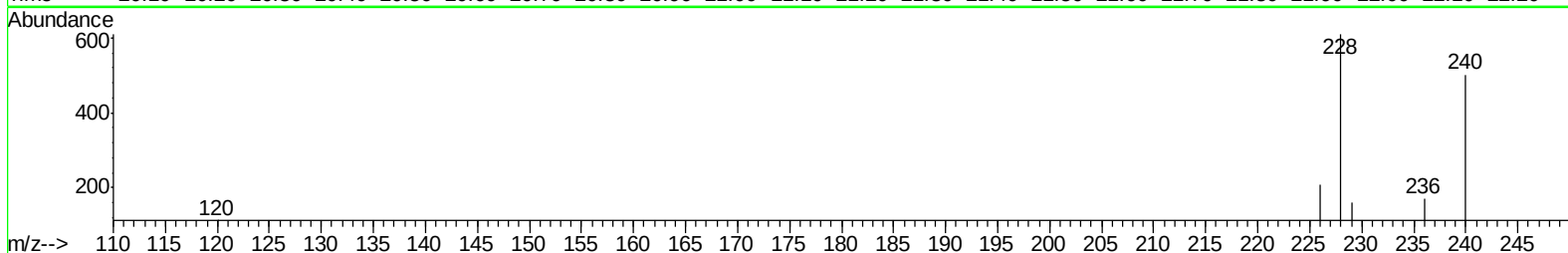
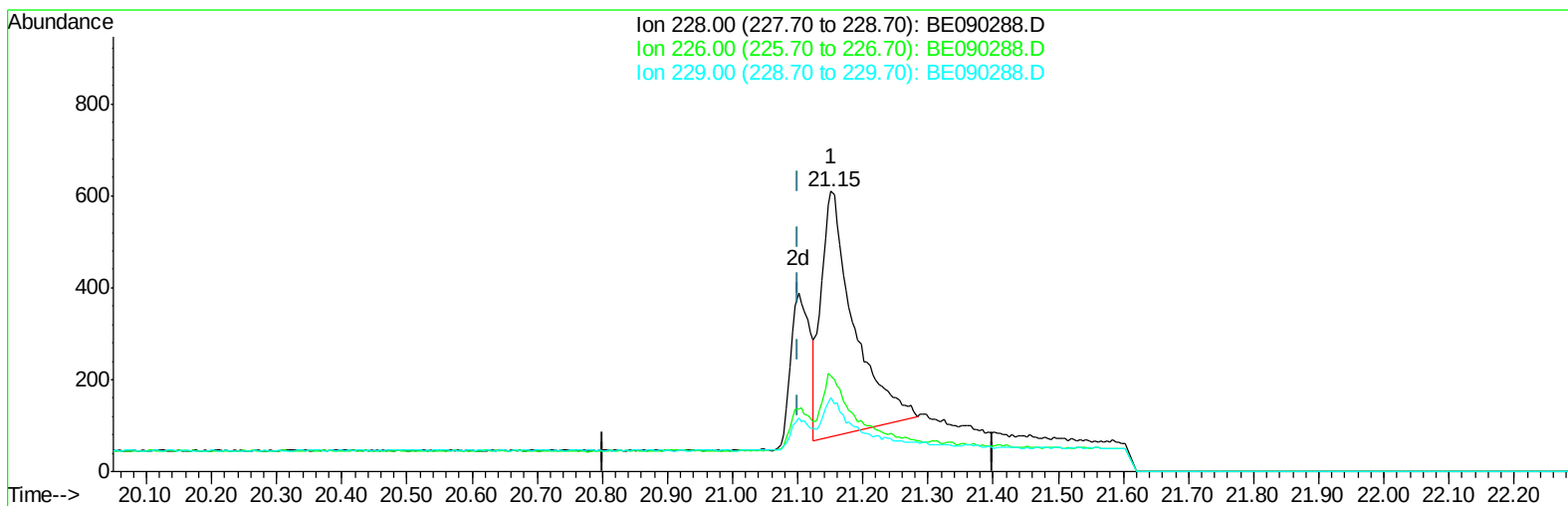


Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 01:57:12 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration



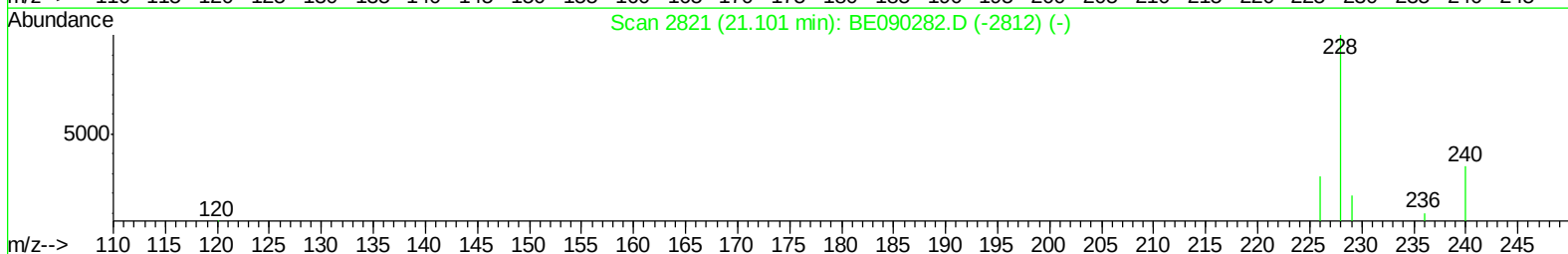
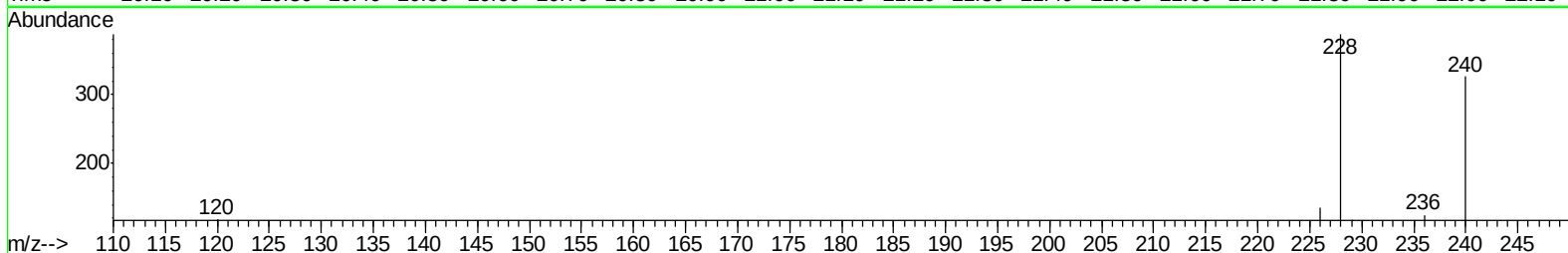
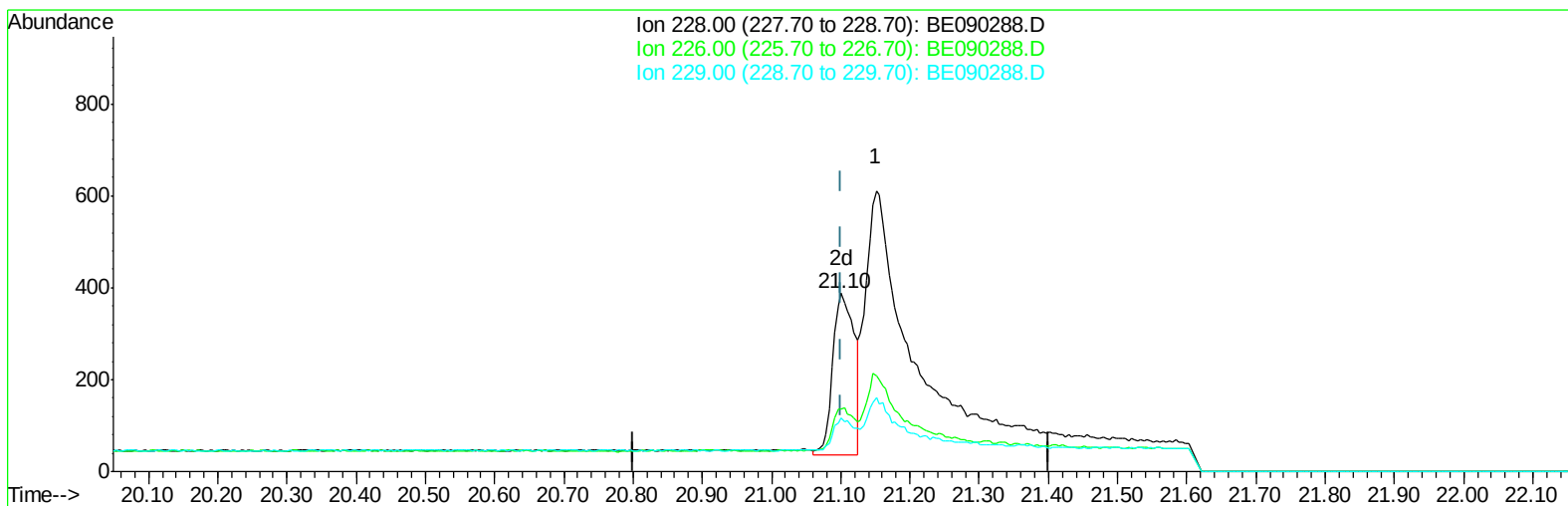
TIC: BE090288.D

(18) Benzo(a)anthracene  
21.151min (+0.050) 0.31ng/ul  
response 1866

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.70 | 34.26 |
| 229.00 | 22.40 | 26.56 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 01:57:12 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration



TIC: BE090288.D

(18) Benzo(a)anthracene

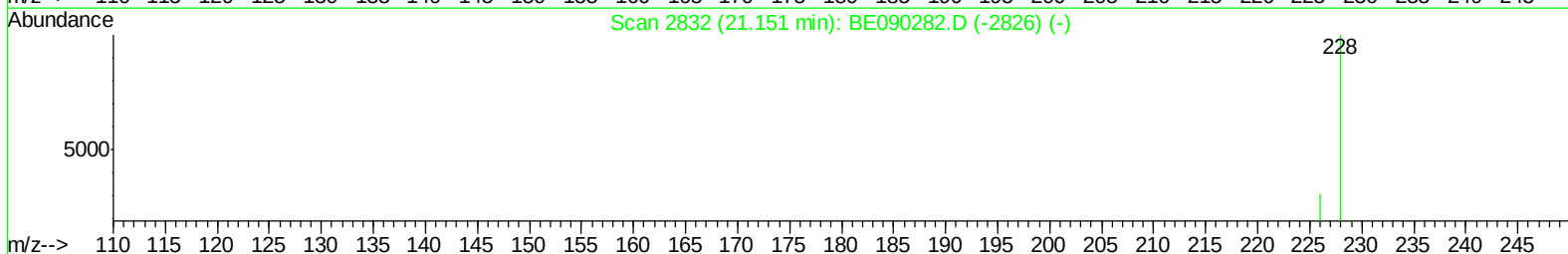
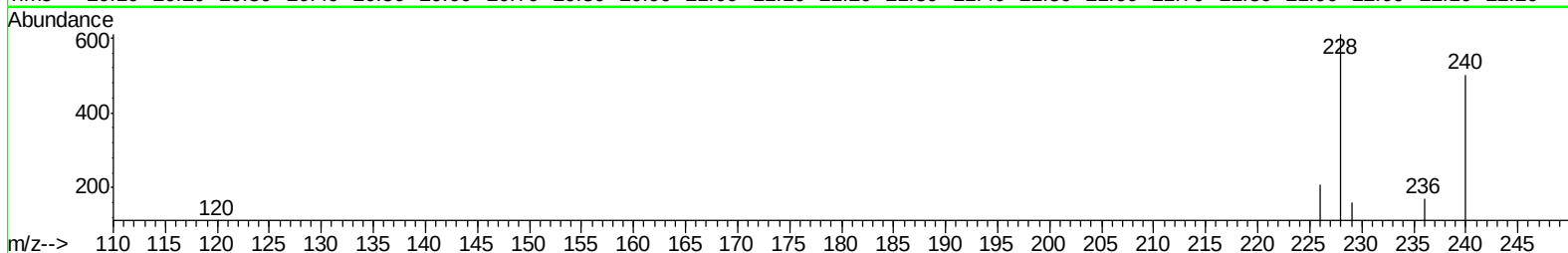
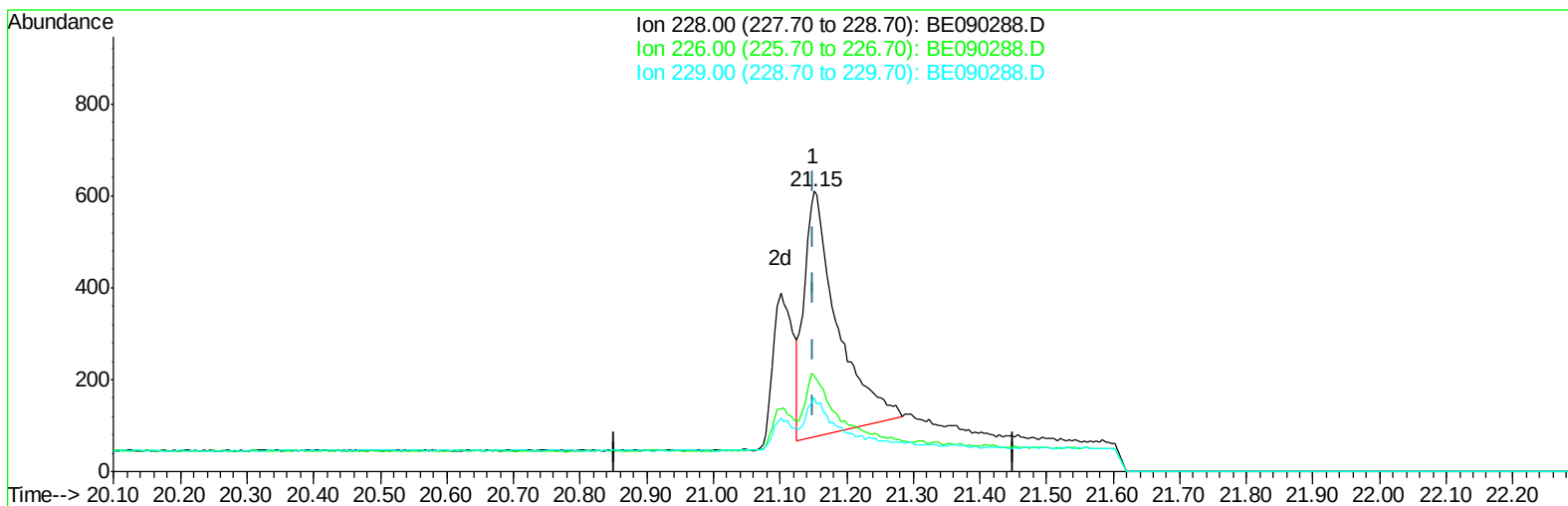
21.101min (+0.000) 0.13ng/ul m

response 764

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.70 | 34.79  |
| 229.00 | 22.40 | 30.15# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 01:57:12 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration



TIC: BE090288.D

(19) Chrysene

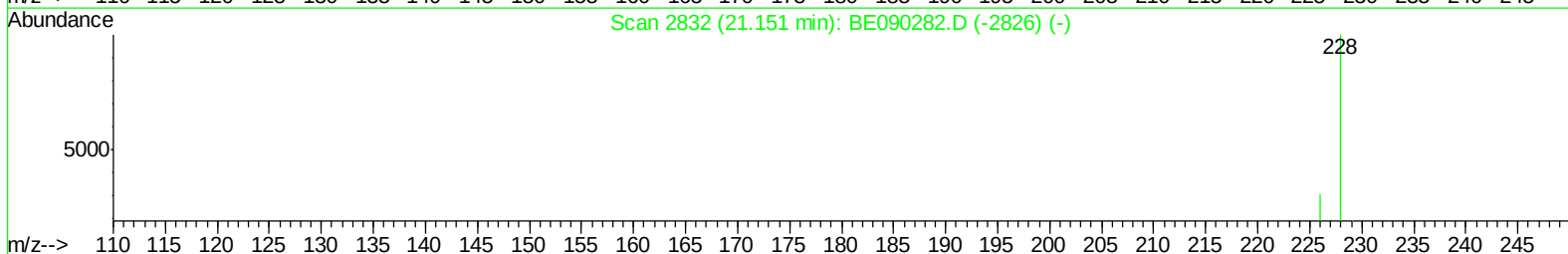
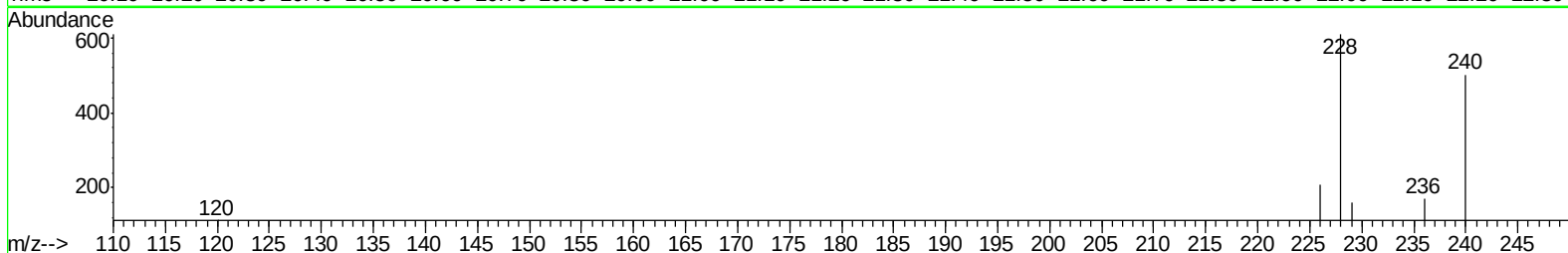
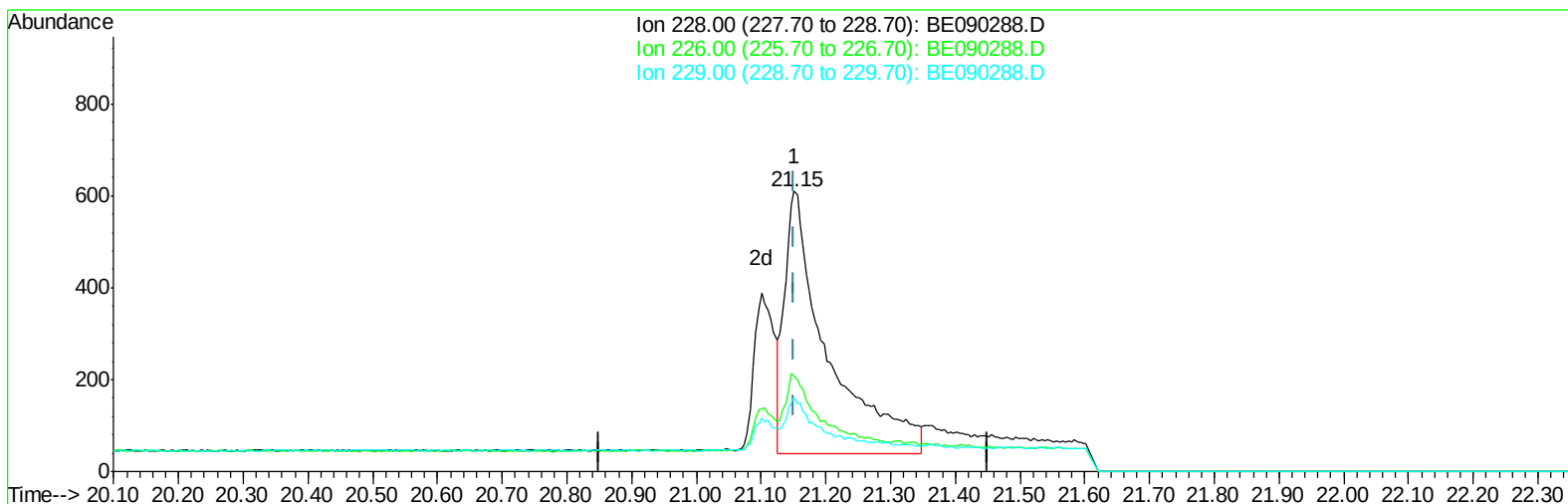
21.151min (+0.000) 0.10ng/ul

response 1866

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 31.20 | 34.26  |
| 229.00 | 20.70 | 26.56# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 01:57:12 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration



TIC: BE090288.D

(19) Chrysene

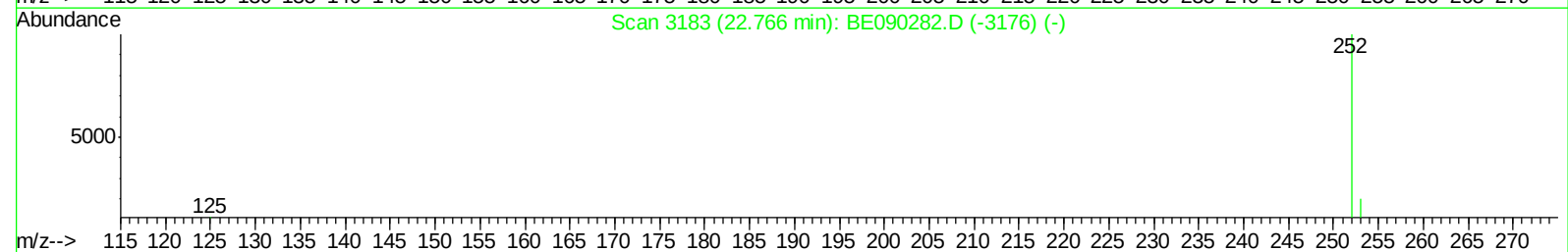
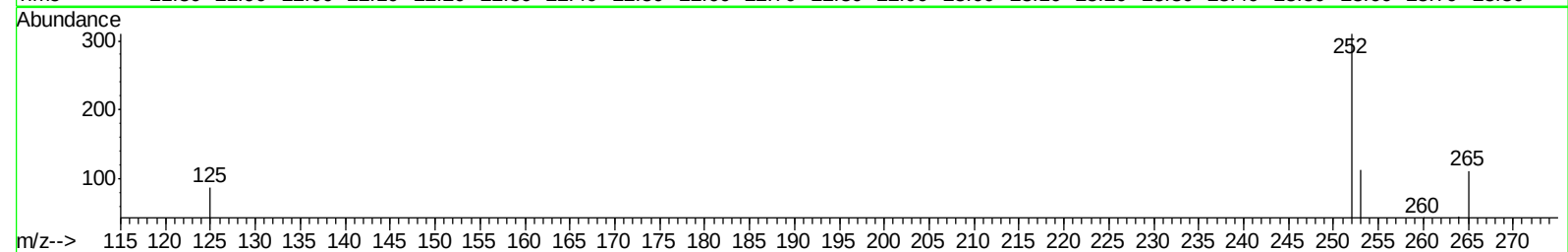
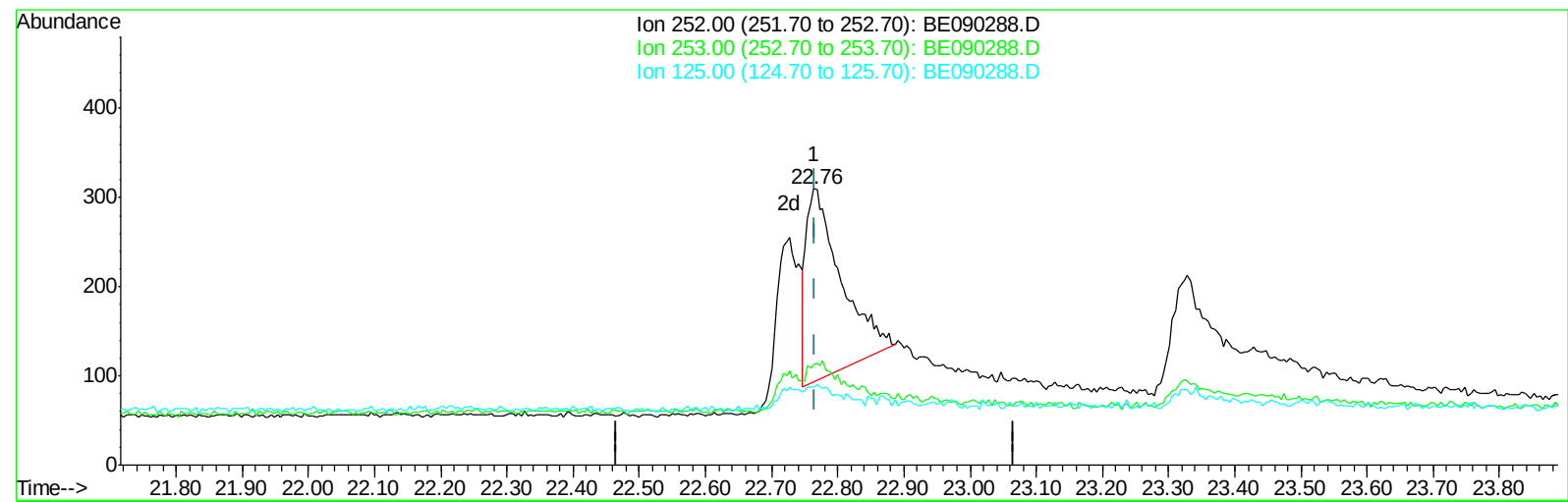
21.151min (+0.000) 0.15ng/ul m

response 2671

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 31.20 | 34.26  |
| 229.00 | 20.70 | 26.56# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 01:57:12 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration



TIC: BE090288.D

(22) Benzo(k)fluoranthene

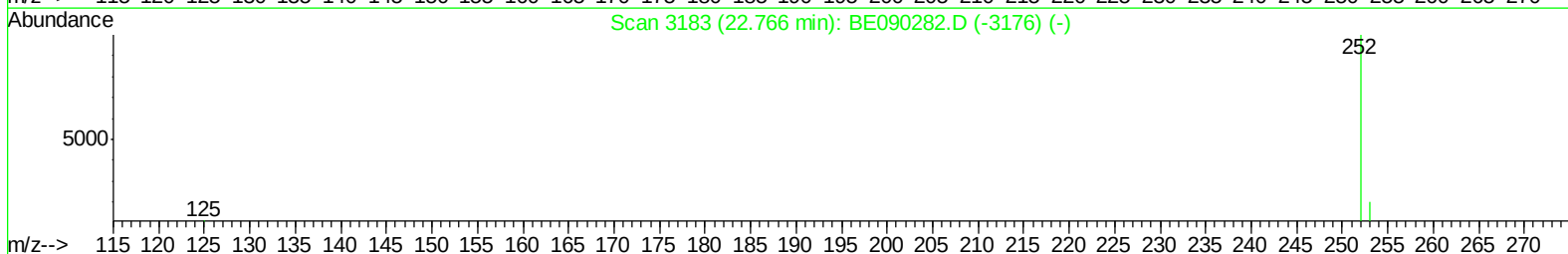
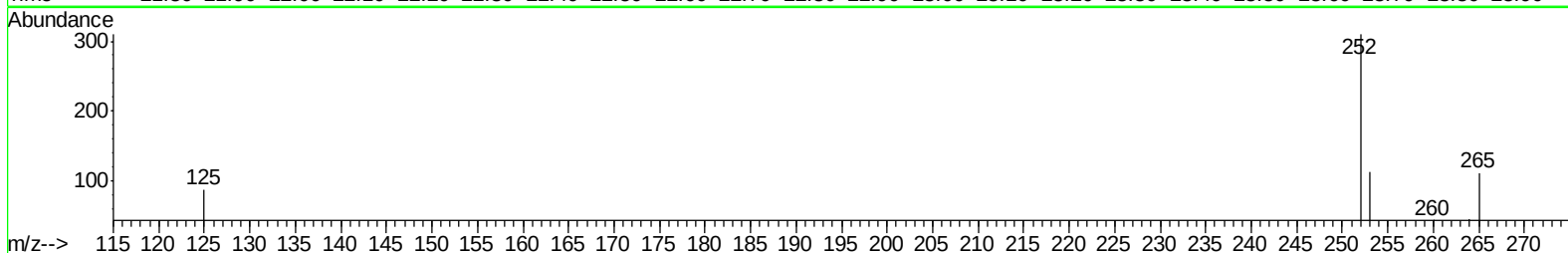
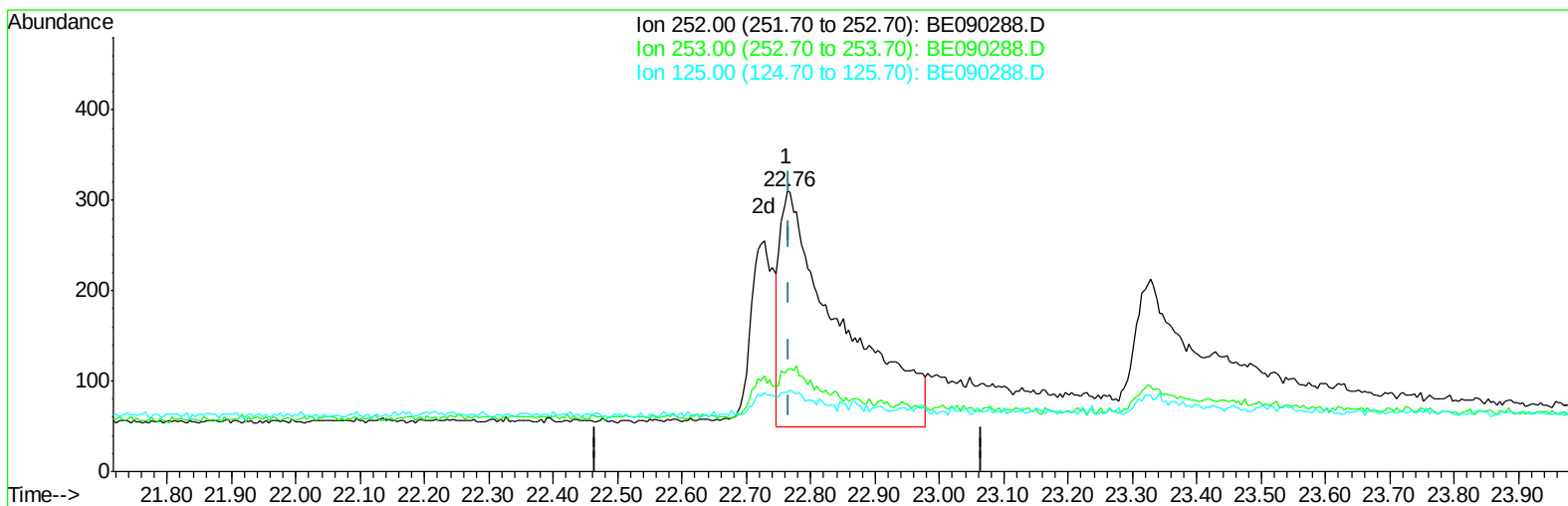
22.764min (-0.002) 0.06ng/ul

response 789

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 36.45# |
| 125.00 | 16.60 | 28.06# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 01:57:12 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration



TIC: BE090288.D

(22) Benzo(k)fluoranthene

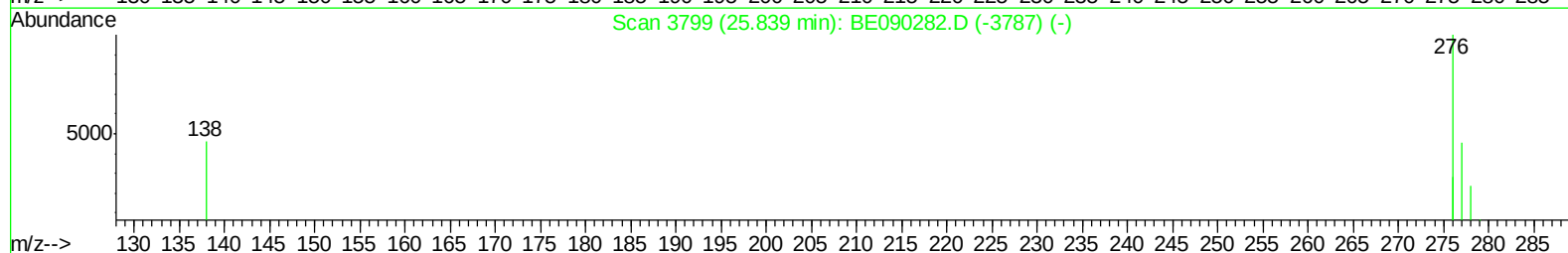
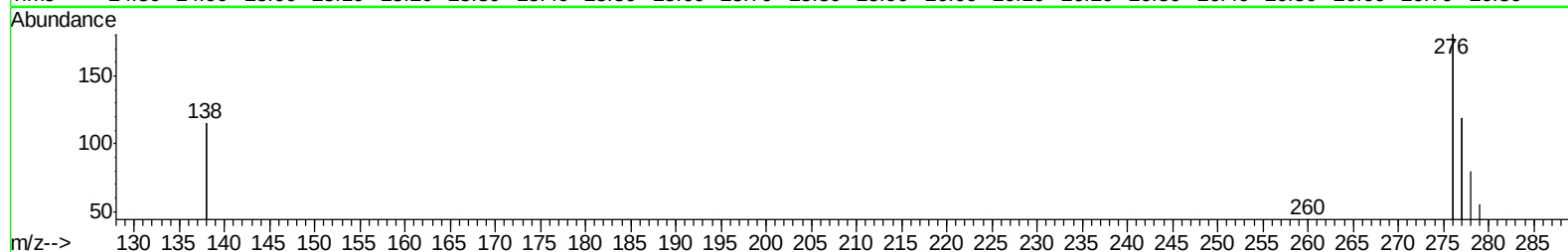
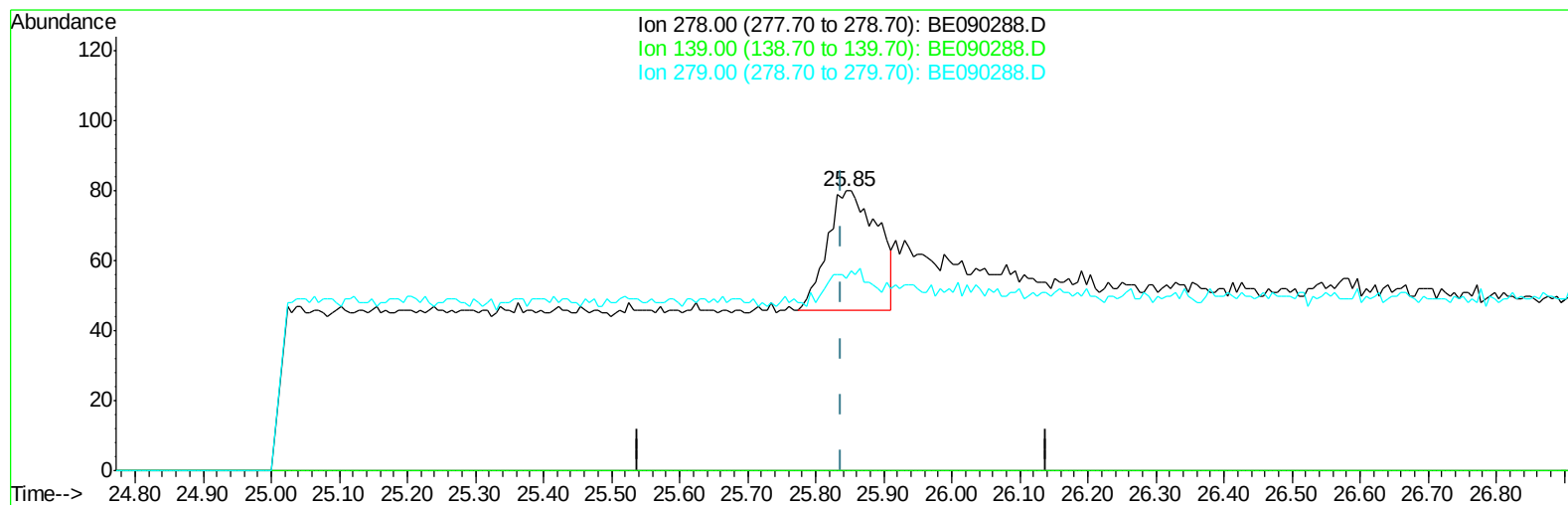
22.764min (-0.002) 0.13ng/ul m

response 1688

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 36.45# |
| 125.00 | 16.60 | 28.06# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 01:57:12 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration



TIC: BE090288.D

(25) Dibenzo(a,h)anthracene

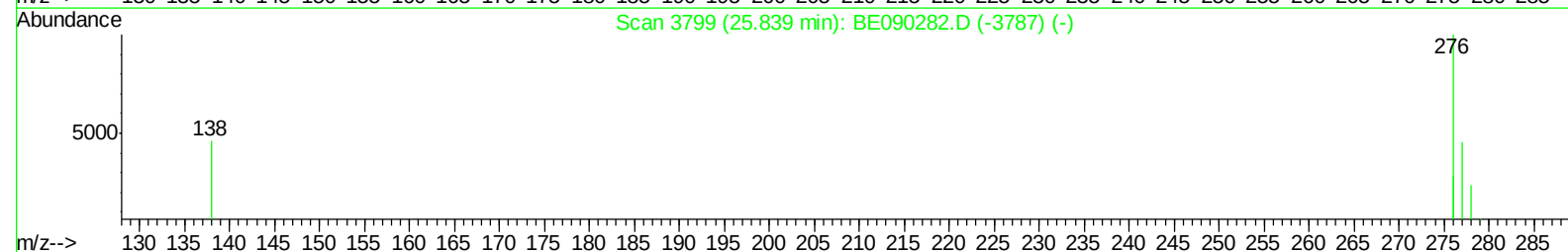
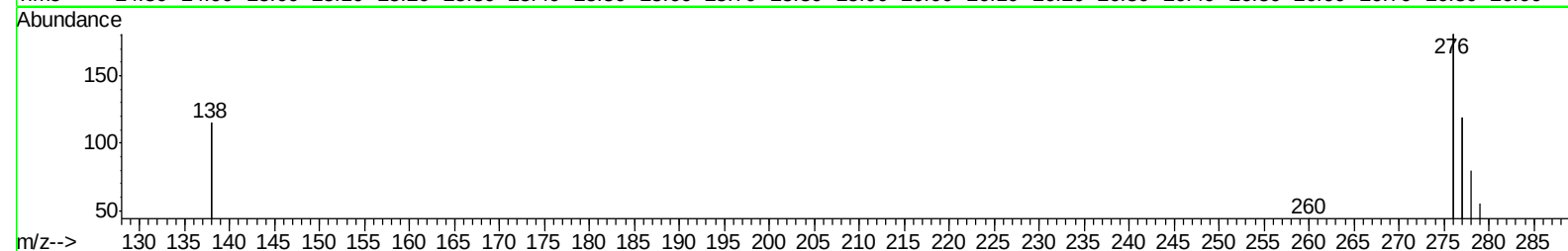
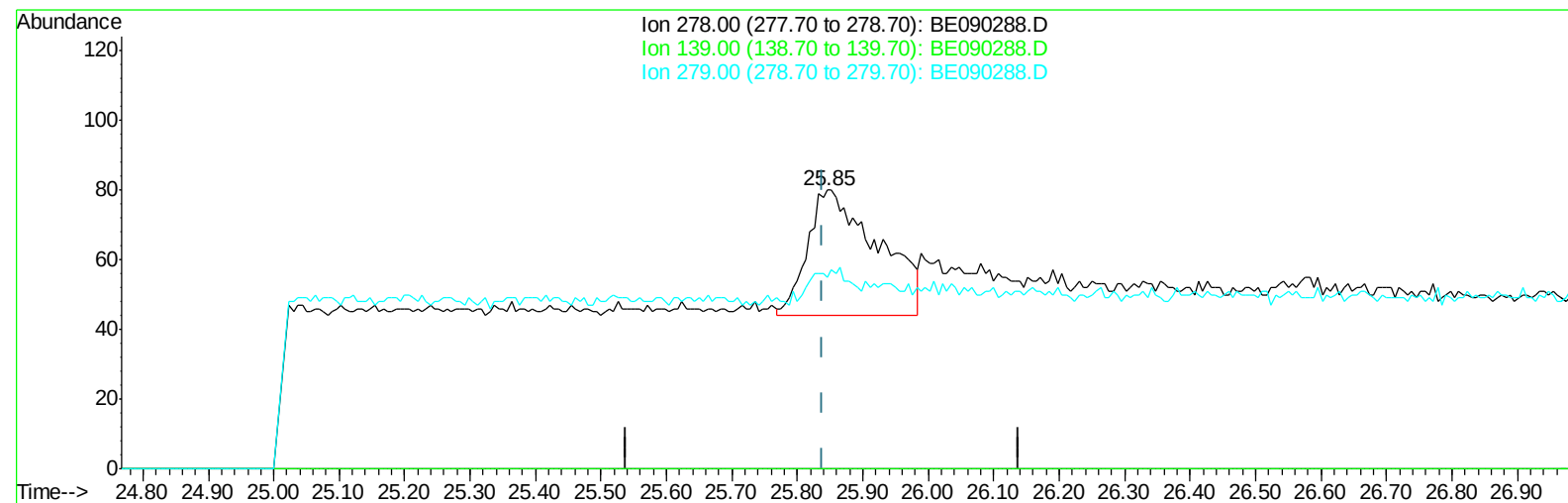
25.845min (+0.007) 0.09ng/ul

response 175

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 0.00  | 0.00   |
| 279.00 | 46.70 | 68.75# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 01:57:12 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration



TIC: BE090288.D

(25) Dibenzo(a,h)anthracene

25.845min (+0.007) 0.13ng/ul m

response 269

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 0.00  | 0.00   |
| 279.00 | 46.70 | 68.75# |
| 0.00   | 0.00  | 0.00   |



Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
 Data File : BE090288.D  
 Acq On : 29 Jul 2015 19:04  
 Operator : TP/IZ  
 Sample : MDL-06-S  
 Misc : MDL-SIM2.2-SOIL-0.15PPM  
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 02:35:06 2015

Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 30 01:55:31 2015

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 1087     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.36 | 136  | 4532     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.21 | 164  | 2659     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 5988     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.12 | 240  | 4083     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.42 | 264  | 2699     | 0.40 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.95 | 152 | 2980 | 0.43 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 18.97 | 212 | 6741 | 0.41 | ng/ul | 0.00 |

#### Target Compounds

|                            |       |     |       |      | Ovalue |    |
|----------------------------|-------|-----|-------|------|--------|----|
| 3) Naphthalene             | 10.41 | 128 | 1653  | 0.14 | ng/ul# | 91 |
| 5) 2-Methylnaphthalene     | 12.02 | 142 | 1037  | 0.13 | ng/ul  | 98 |
| 7) Acenaphthylene          | 13.92 | 152 | 7331  | 0.13 | ng/ul  | 96 |
| 8) Acenaphthene            | 14.27 | 153 | 5346  | 0.13 | ng/ul  | 98 |
| 9) Fluorene                | 15.26 | 166 | 1422  | 0.13 | ng/ul# | 92 |
| 11) Pentachlorophenol      | 16.62 | 266 | 43    | 0.11 | ng/ul# | 70 |
| 12) Phenanthrene           | 16.98 | 178 | 8371  | 0.13 | ng/ul  | 93 |
| 13) Anthracene             | 17.07 | 178 | 8761  | 0.13 | ng/ul  | 94 |
| 15) Fluoranthene           | 19.00 | 202 | 10236 | 0.14 | ng/ul  | 98 |
| 17) Pyrene                 | 19.36 | 202 | 10795 | 0.14 | ng/ul  | 96 |
| 18) Benzo(a)anthracene     | 21.10 | 228 | 764m  | 0.13 | ng/ul  |    |
| 19) Chrysene               | 21.15 | 228 | 2671m | 0.15 | ng/ul  |    |
| 21) Benzo(b)fluoranthene   | 22.73 | 252 | 482   | 0.12 | ng/ul  | 70 |
| 22) Benzo(k)fluoranthene   | 22.76 | 252 | 1688m | 0.13 | ng/ul  |    |
| 23) Benzo(a)pyrene         | 23.33 | 252 | 590   | 0.11 | ng/ul# | 70 |
| 24) Indeno(1,2,3-cd)pyrene | 25.82 | 276 | 1671  | 0.10 | ng/ul  | 97 |
| 25) Dibenzo(a,h)anthracene | 25.85 | 278 | 269m  | 0.13 | ng/ul  |    |
| 26) Benzo(g,h,i)perylene   | 26.55 | 276 | 2543  | 0.11 | ng/ul# | 69 |

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072915\  
Data File : BE090288.D  
Acq On : 29 Jul 2015 19:04  
Operator : TP/IZ  
Sample : MDL-06-S  
Misc : MDL-SIM2.2-SOIL-0.15PPM  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 30 02:35:06 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 01:55:31 2015  
Response via : Initial Calibration

