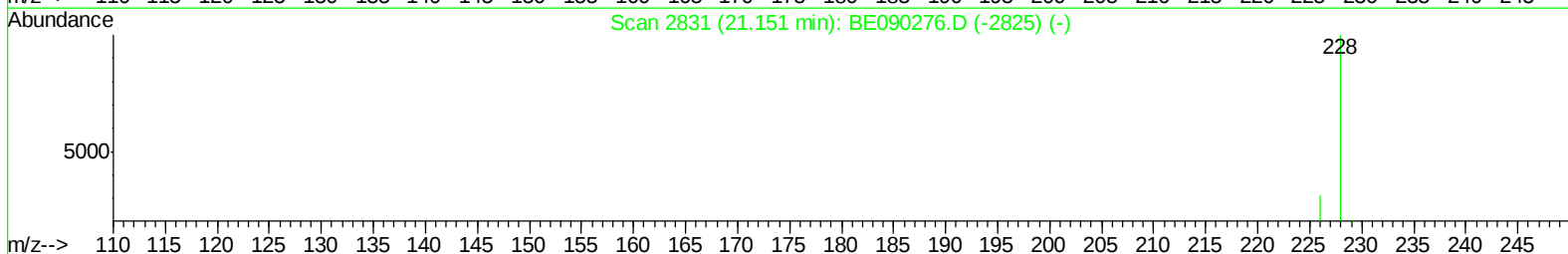
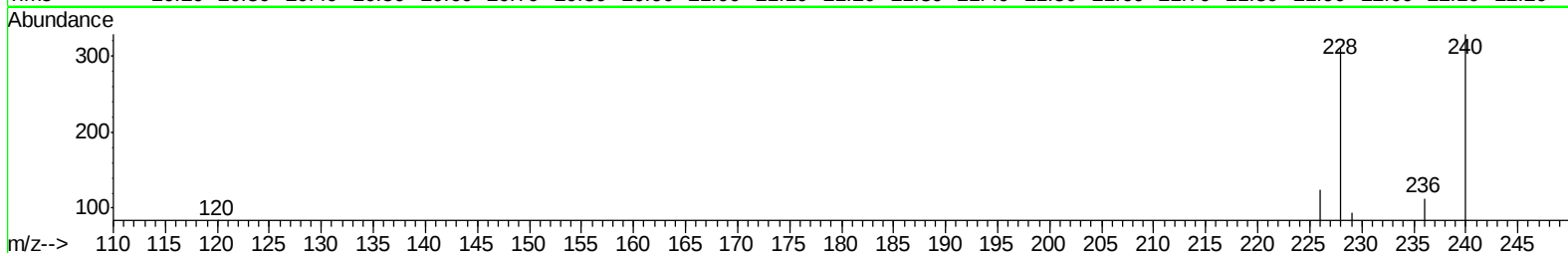
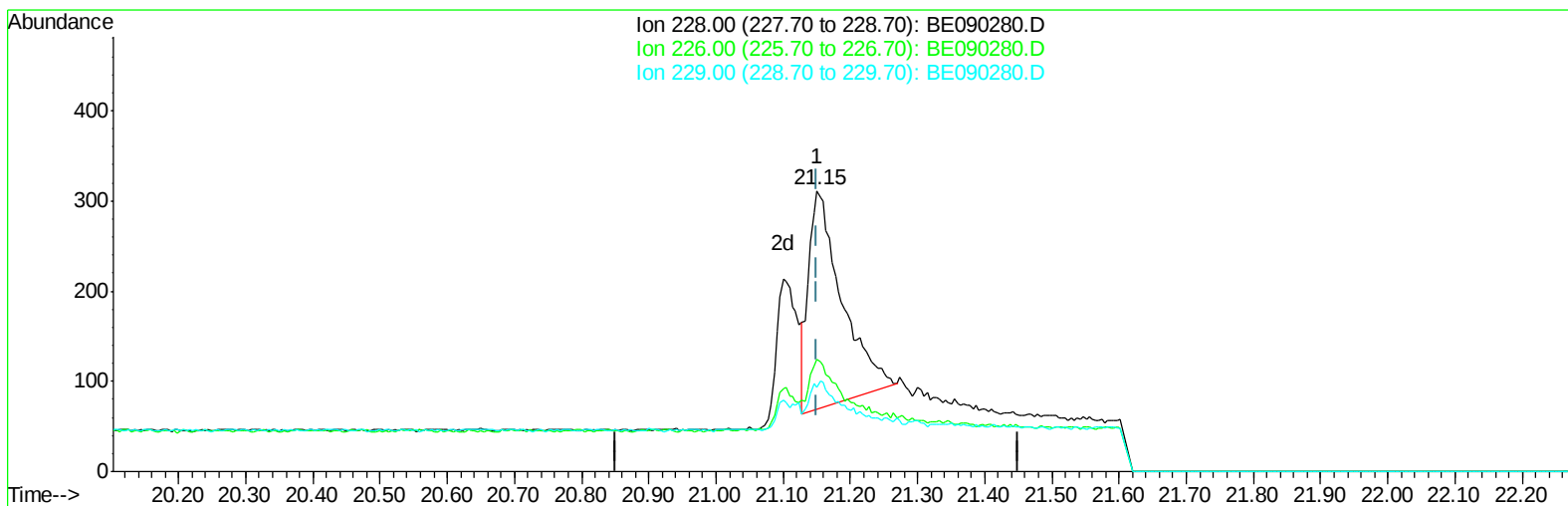


Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
Data File : BE090280.D  
Acq On : 28 Jul 2015 21:56  
Operator : TP/IZ  
Sample : MDL-07-S  
Misc : MDL-SIM-SOIL-0.15PPM  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 29 04:48:51 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 : Wed Jul 29 04:46:54 2015  
Response via : Initial Calibration



TIC: BE090280.D

(19) Chrysene

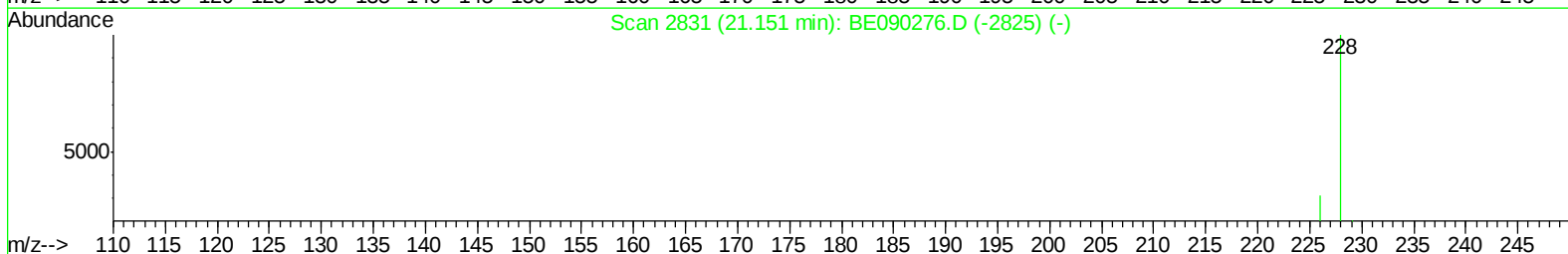
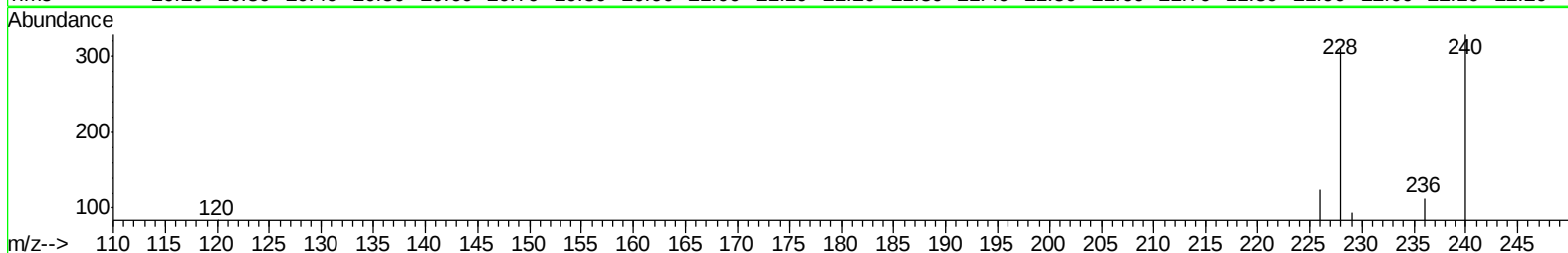
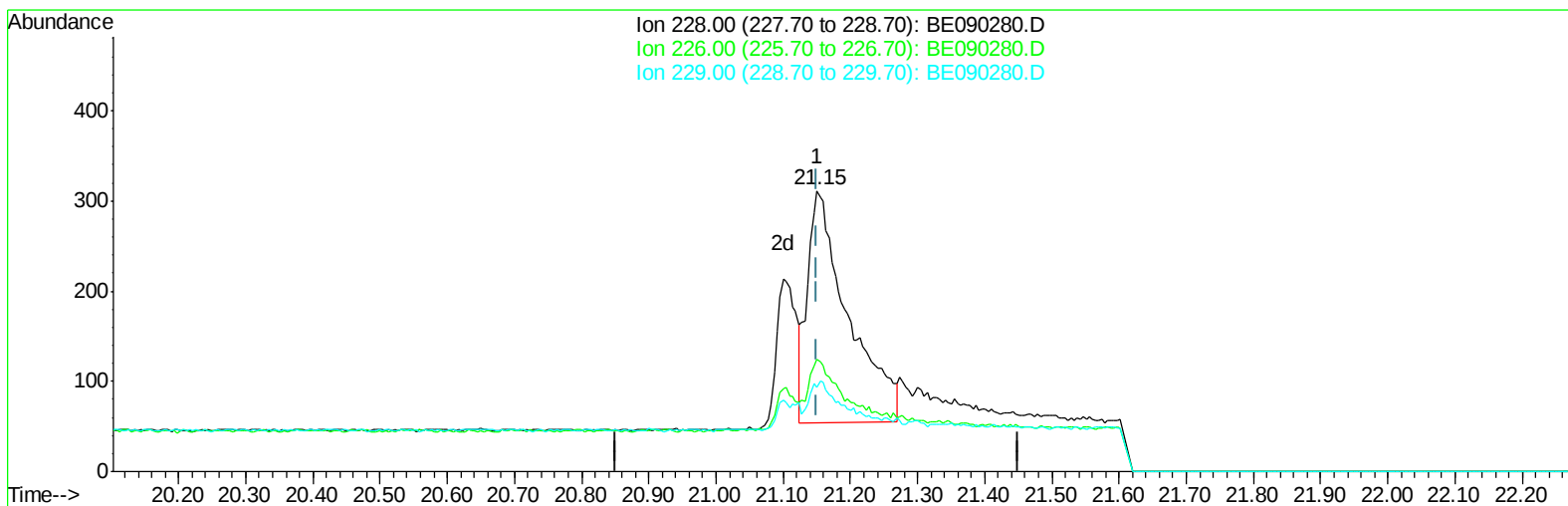
21.150min (-0.001) 0.10ng/ul

response 834

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 31.20 | 39.87# |
| 229.00 | 20.70 | 30.23# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
Data File : BE090280.D  
Acq On : 28 Jul 2015 21:56  
Operator : TP/IZ  
Sample : MDL-07-S  
Misc : MDL-SIM-SOIL-0.15PPM  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 29 04:48:51 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 : Wed Jul 29 04:46:54 2015  
Response via : Initial Calibration



TIC: BE090280.D

(19) Chrysene

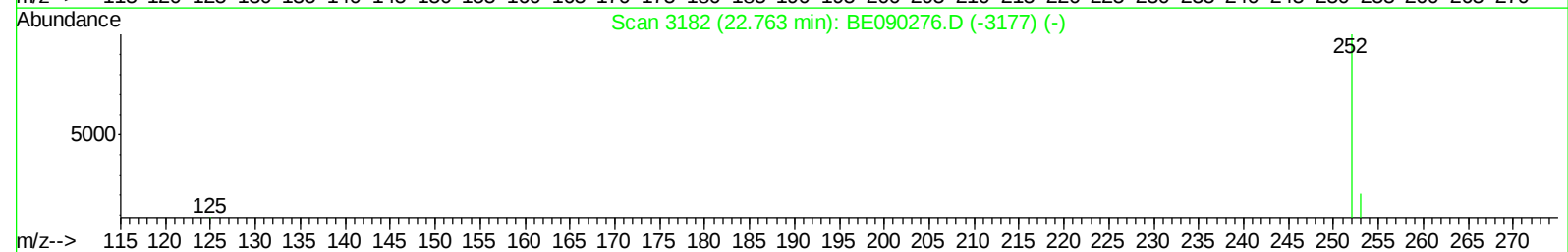
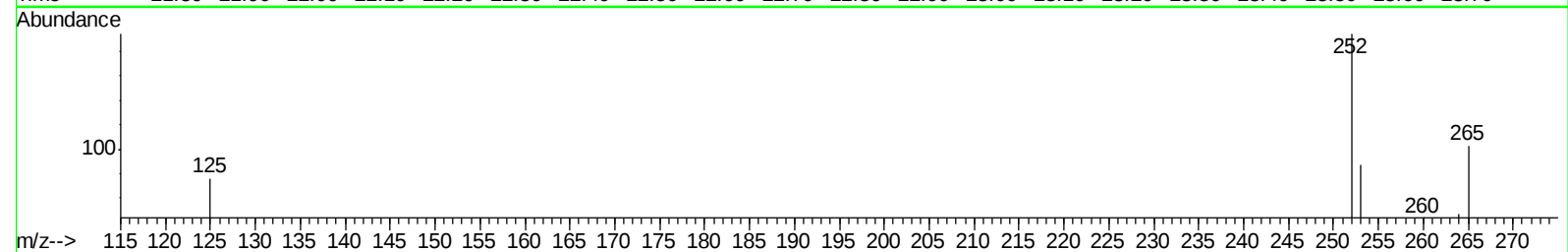
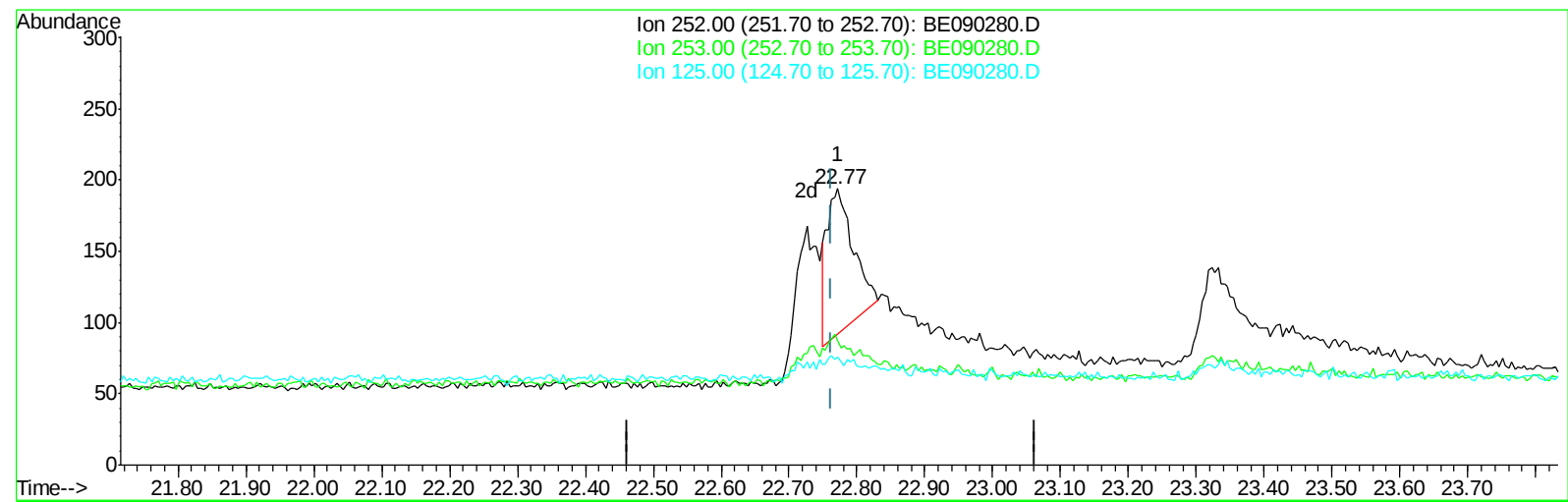
21.150min (-0.001) 0.13ng/ul m

response 1085

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 31.20 | 39.87# |
| 229.00 | 20.70 | 30.23# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
Data File : BE090280.D  
Acq On : 28 Jul 2015 21:56  
Operator : TP/IZ  
Sample : MDL-07-S  
Misc : MDL-SIM-SOIL-0.15PPM  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 29 04:48:51 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 : Wed Jul 29 04:46:54 2015  
Response via : Initial Calibration



TIC: BE090280.D

(22) Benzo(k)fluoranthene

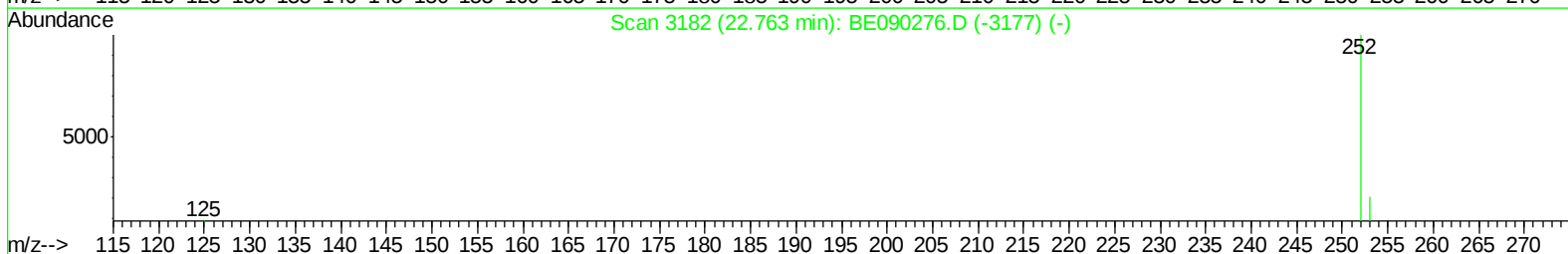
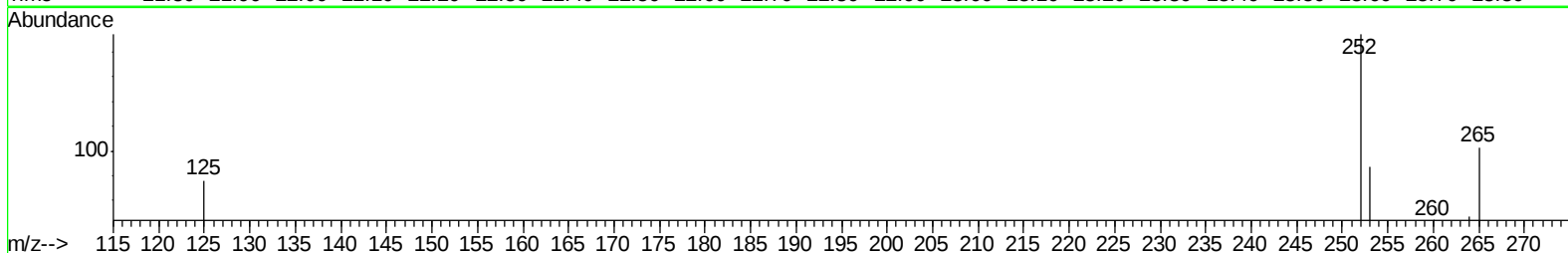
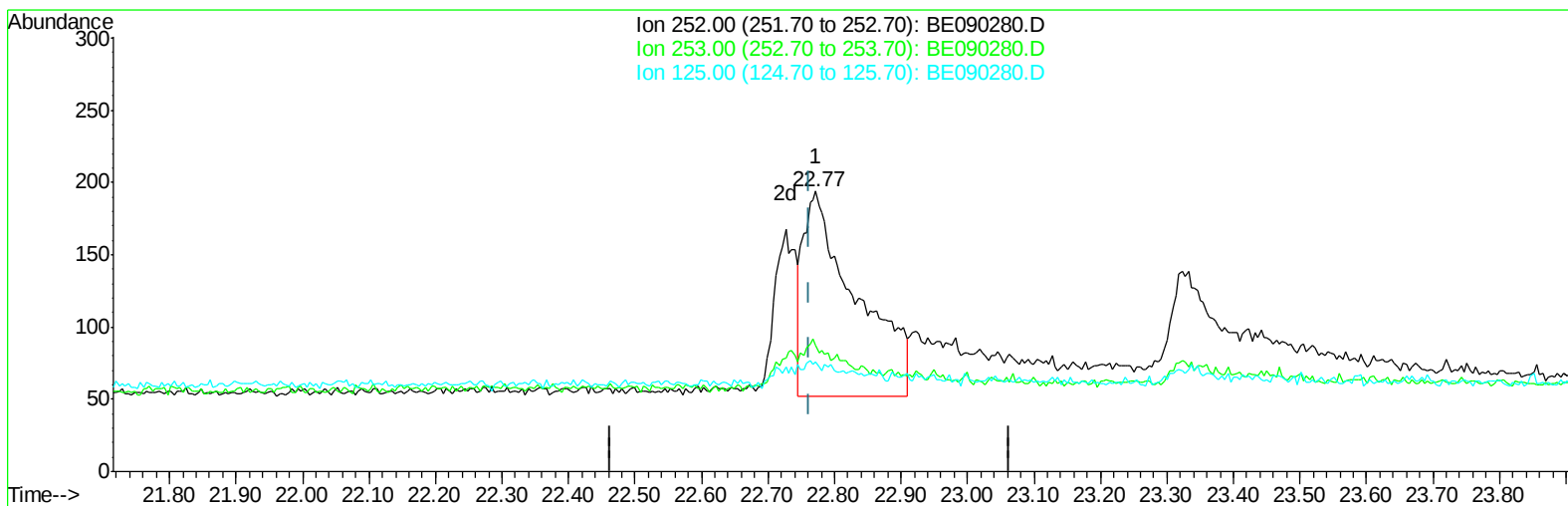
22.772min (+0.009) 0.05ng/ul

response 271

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 44.85# |
| 125.00 | 16.60 | 39.18# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
Data File : BE090280.D  
Acq On : 28 Jul 2015 21:56  
Operator : TP/IZ  
Sample : MDL-07-S  
Misc : MDL-SIM-SOIL-0.15PPM  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 29 04:48:51 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 : Wed Jul 29 04:46:54 2015  
Response via : Initial Calibration



TIC: BE090280.D

(22) Benzo(k)fluoranthene

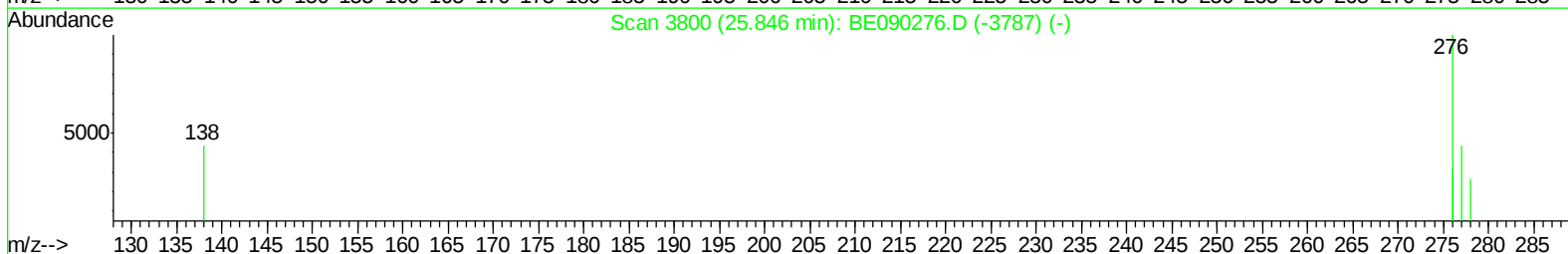
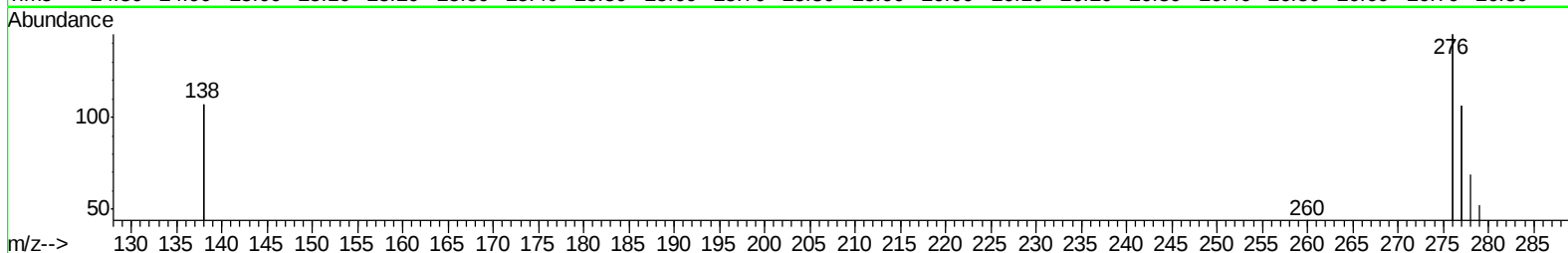
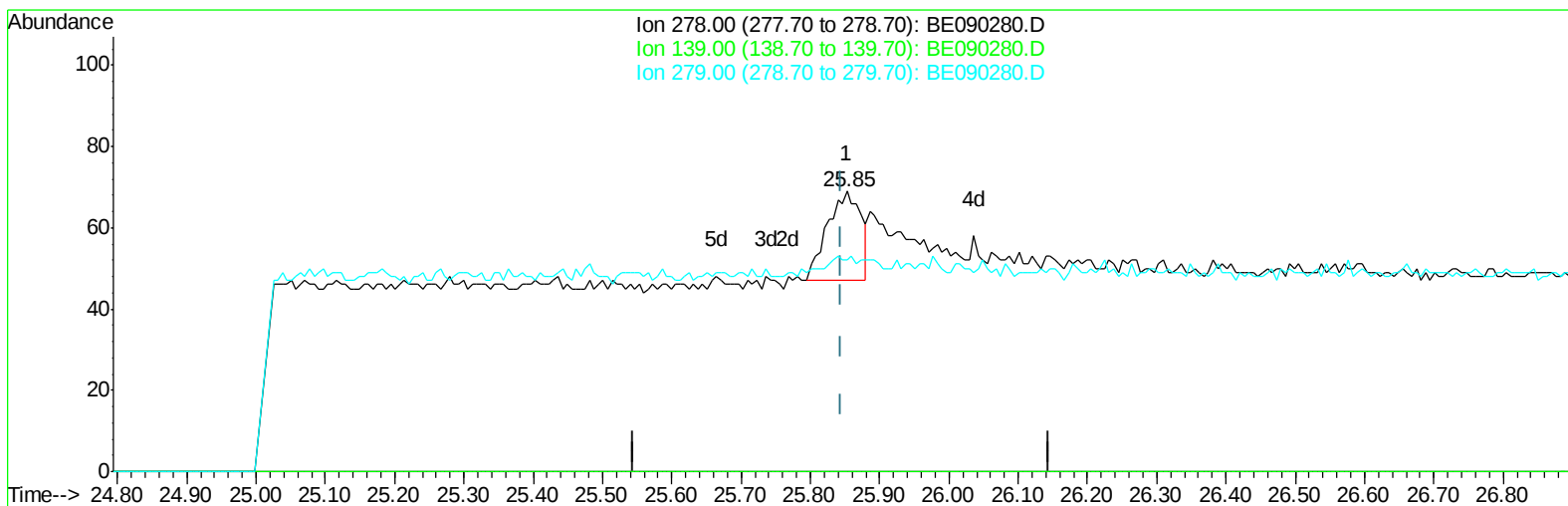
22.772min (+0.009) 0.14ng/ul m

response 786

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 44.85# |
| 125.00 | 16.60 | 39.18# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
Data File : BE090280.D  
Acq On : 28 Jul 2015 21:56  
Operator : TP/IZ  
Sample : MDL-07-S  
Misc : MDL-SIM-SOIL-0.15PPM  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 29 04:59:00 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 : Wed Jul 29 04:46:54 2015  
Response via : Initial Calibration



TIC: BE090280.D

(25) Dibenzo(a,h)anthracene

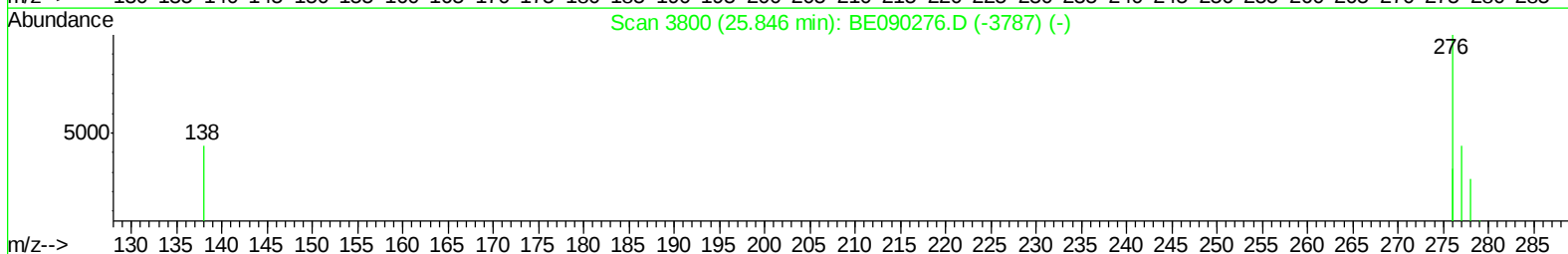
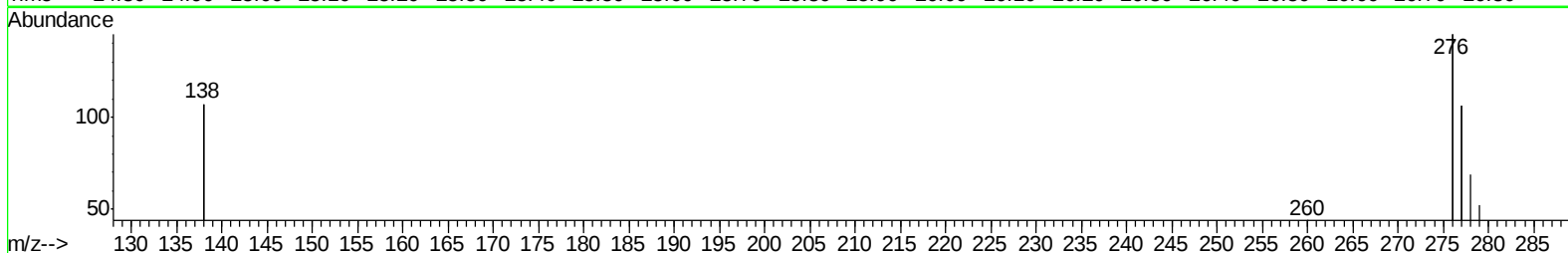
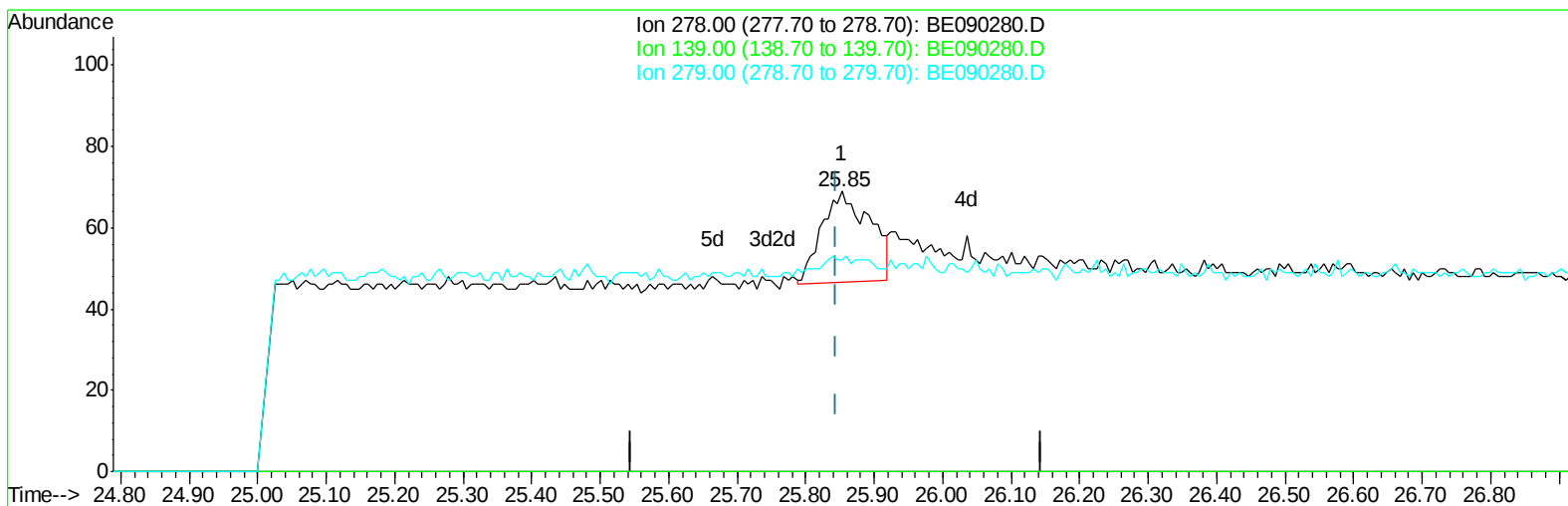
25.853min (+0.008) 0.09ng/ul

response 74

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 0.00  | 0.00   |
| 279.00 | 46.70 | 75.36# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
Data File : BE090280.D  
Acq On : 28 Jul 2015 21:56  
Operator : TP/IZ  
Sample : MDL-07-S  
Misc : MDL-SIM-SOIL-0.15PPM  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 29 04:59:00 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 : Wed Jul 29 04:46:54 2015  
Response via : Initial Calibration



TIC: BE090280.D

(25) Dibenzo(a,h)anthracene

25.853min (+0.008) 0.13ng/ul m

response 114

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 0.00  | 0.00   |
| 279.00 | 46.70 | 75.36# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
 Data File : BE090280.D  
 Acq On : 28 Jul 2015 21:56  
 Operator : TP/IZ  
 Sample : MDL-07-S  
 Misc : MDL-SIM-SOIL-0.15PPM  
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 29 04:59:00 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 : Wed Jul 29 04:46:54 2015

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 695      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.36 | 136  | 2903     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.21 | 164  | 1718     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 3718     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.12 | 240  | 2272     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.43 | 264  | 1341     | 0.40 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.96 | 152 | 1816 | 0.48 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 18.97 | 212 | 4120 | 0.47 | ng/ul | 0.00 |

#### Target Compounds

|                            |       |     |       |      |        | Qvalue |
|----------------------------|-------|-----|-------|------|--------|--------|
| 3) Naphthalene             | 10.41 | 128 | 858   | 0.13 | ng/ul# | 78     |
| 5) 2-Methylnaphthalene     | 12.03 | 142 | 507   | 0.12 | ng/ul  | 98     |
| 7) Acenaphthylene          | 13.93 | 152 | 4105  | 0.13 | ng/ul# | 86     |
| 8) Acenaphthene            | 14.27 | 153 | 2987  | 0.13 | ng/ul  | 99     |
| 9) Fluorene                | 15.26 | 166 | 764   | 0.13 | ng/ul# | 94     |
| 12) Phenanthrene           | 16.99 | 178 | 4348  | 0.13 | ng/ul# | 86     |
| 13) Anthracene             | 17.07 | 178 | 4811  | 0.14 | ng/ul# | 82     |
| 15) Fluoranthene           | 19.00 | 202 | 5655  | 0.14 | ng/ul  | 91     |
| 17) Pyrene                 | 19.36 | 202 | 5600  | 0.16 | ng/ul# | 90     |
| 18) Benzo(a)anthracene     | 21.10 | 228 | 336   | 0.12 | ng/ul# | 74     |
| 19) Chrysene               | 21.15 | 228 | 1085m | 0.13 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 22.73 | 252 | 245   | 0.14 | ng/ul# | 56     |
| 22) Benzo(k)fluoranthene   | 22.77 | 252 | 786m  | 0.14 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.32 | 252 | 288   | 0.12 | ng/ul# | 49     |
| 24) Indeno(1,2,3-cd)pyrene | 25.83 | 276 | 872   | 0.12 | ng/ul# | 92     |
| 25) Dibenzo(a,h)anthracene | 25.85 | 278 | 74    | 0.09 | ng/ul# | 57     |
| 26) Benzo(g,h,i)perylene   | 26.56 | 276 | 1338  | 0.13 | ng/ul# | 51     |

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

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
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Operator : TP/IZ  
Sample : MDL-07-S  
Misc : MDL-SIM-SOIL-0.15PPM  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 29 04:59:00 2015  
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QLast Update : Wed Jul 29 04:46:54 2015  
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