

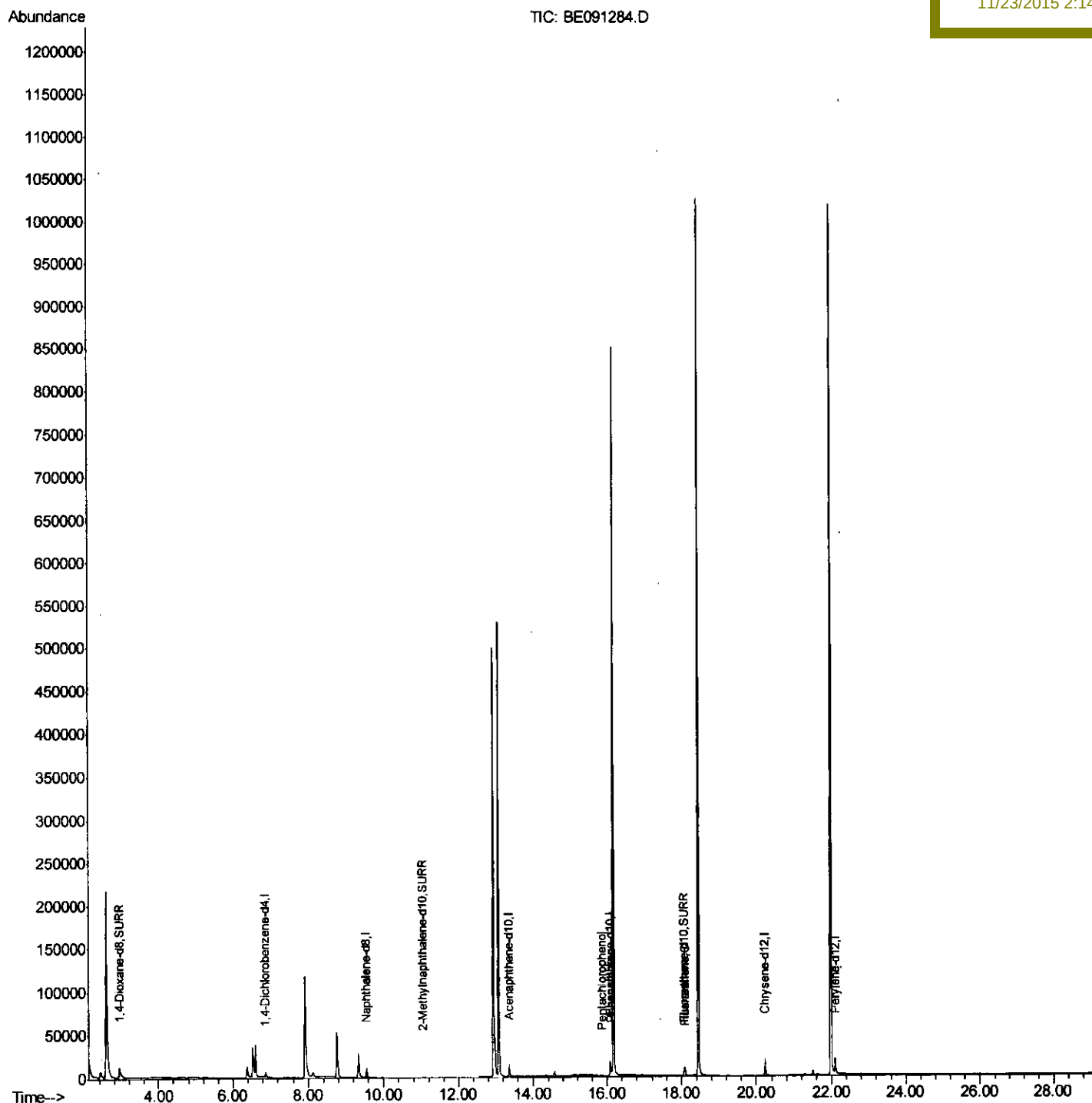
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\  
Data File : BE091284.D  
Acq On : 21 Nov 2015 19:53  
Operator : UM/NP  
Sample : G4345-20  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A4J65

Quant Time: Nov 23 10:31:37 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Nov 22 01:59:17 2015  
Response via : Initial Calibration

Manual Integrations  
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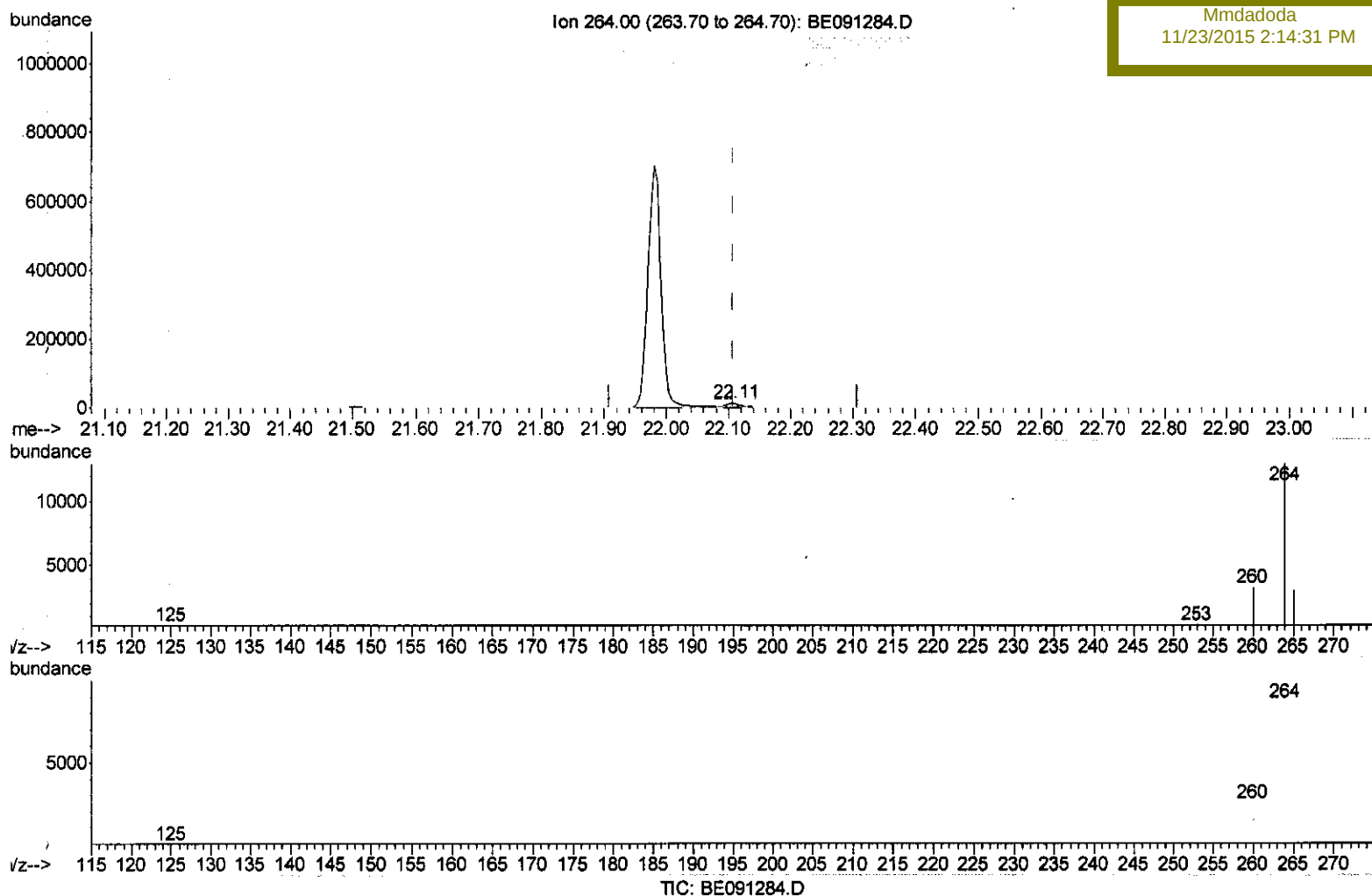
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE112215\  
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 Acq On : 21 Nov 2015 19:53  
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Quant Time: Nov 22 02:14:37 2015  
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(22) Perylene-d12 (I)

22.108min (-0.000) 0.40ng/ul m

response 14774

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 28.90 | 24.87  |
| 265.00 | 34.70 | 23.00# |
| 0.00   | 0.00  | 0.00   |

*U.M*  
*11/25/15*

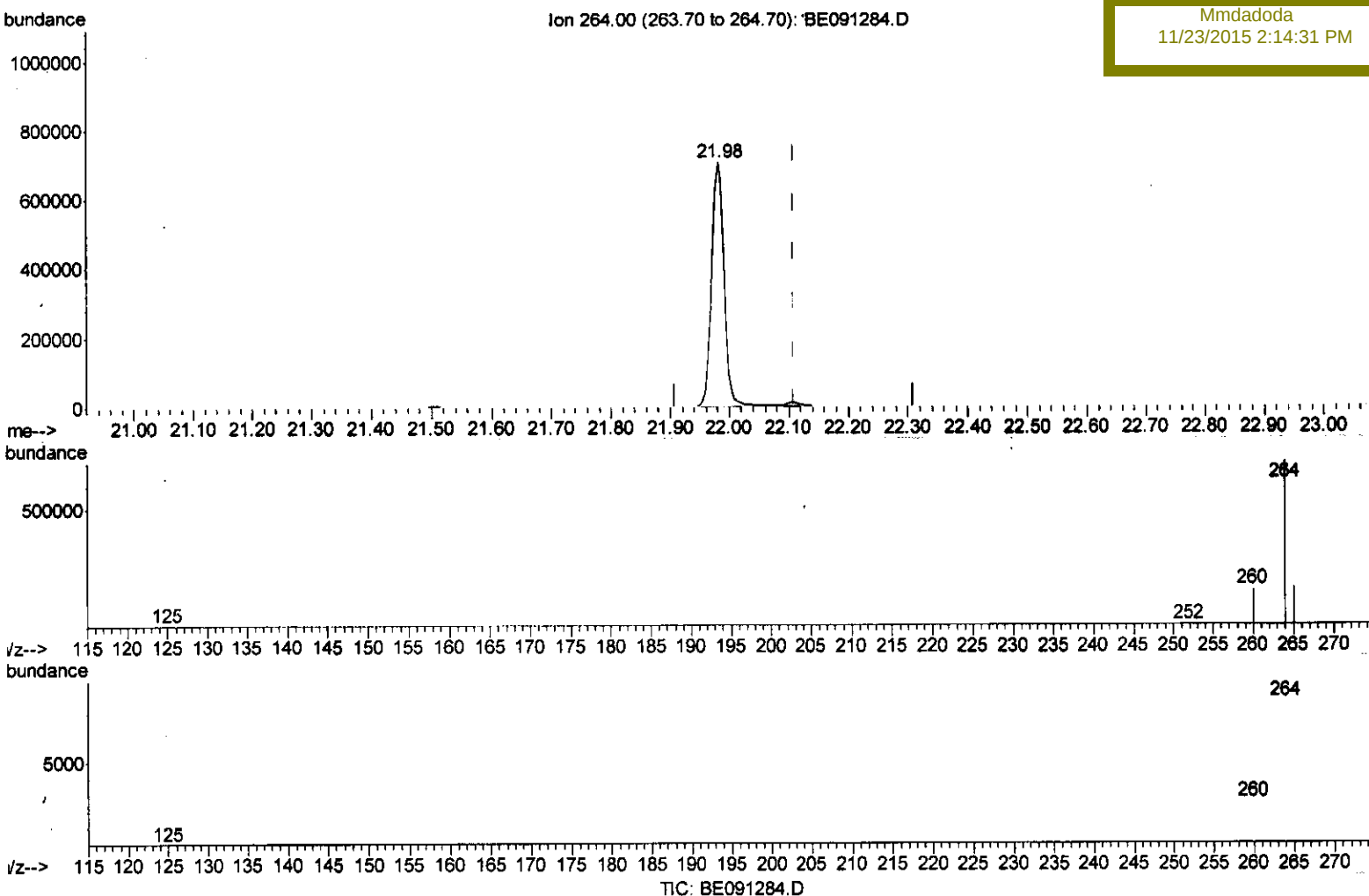
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE112215\  
 Data File : BE091284.D  
 Acq On : 21 Nov 2015 19:53  
 Operator : UM/NP  
 Sample : G4345-20  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 22 02:14:37 2015  
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Manual Integrations  
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(22) Perylene-d12 (I)

21.981min (-0.128) 0.40ng/ul

response 1032348

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 28.90 | 21.36# |
| 265.00 | 34.70 | 22.48# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE112215\  
 Data File : BE091284.D  
 Acq On : 21 Nov 2015 19:53  
 Operator : UM/NP  
 Sample : G4345-20  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

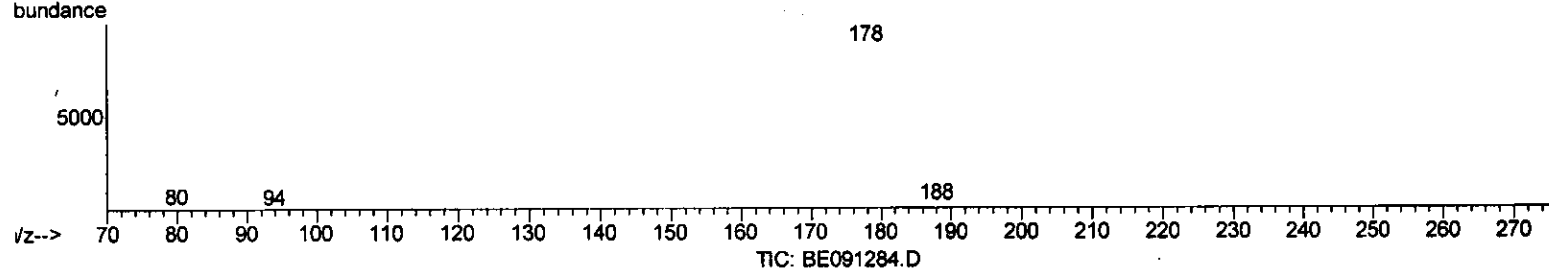
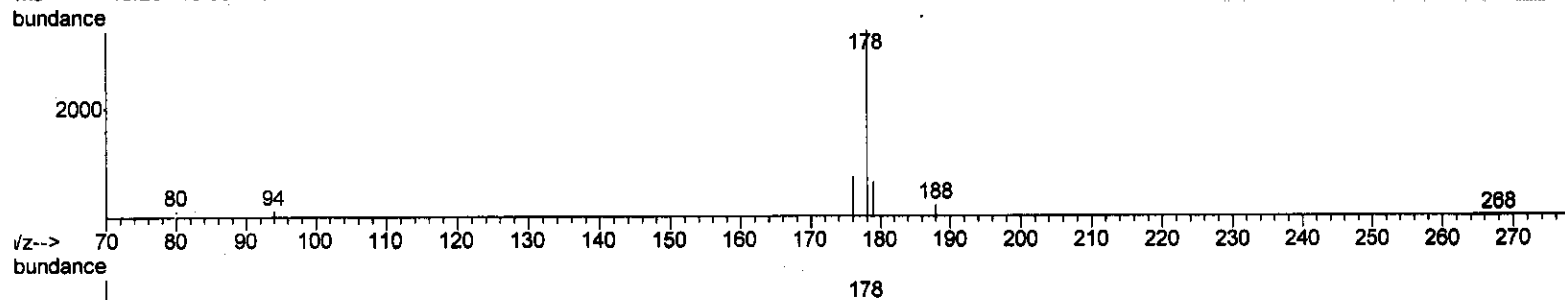
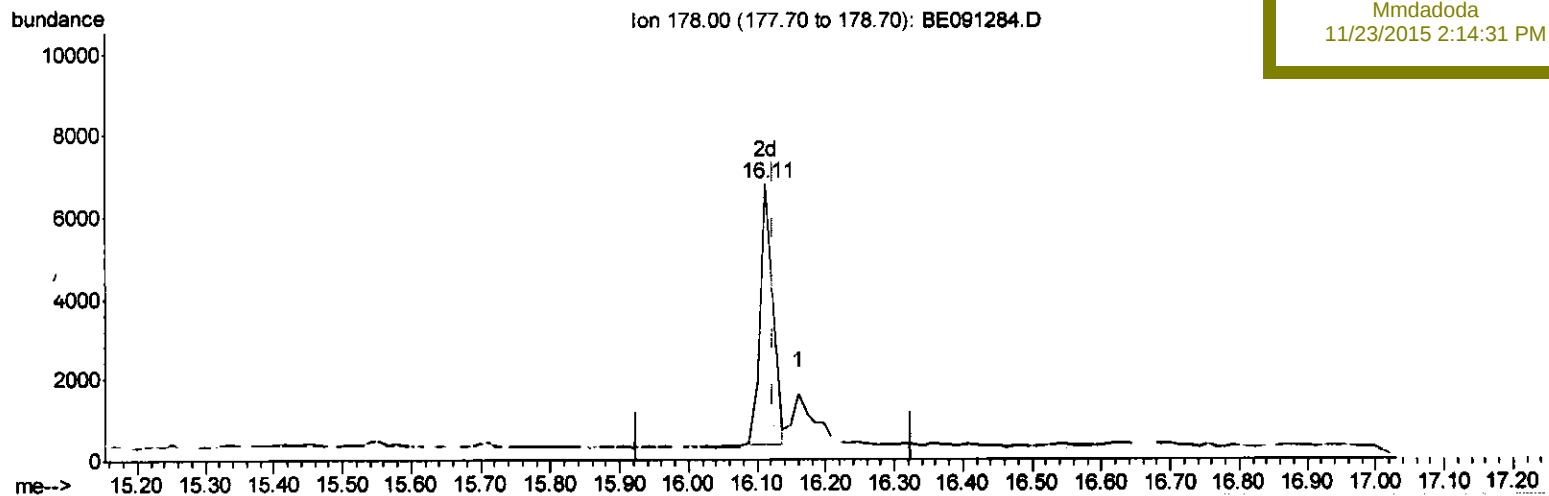
Quant Time: Nov 22 02:14:37 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE102715.M  
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Ion 178.00 (177.70 to 178.70): BE091284.D



TIC: BE091284.D

(14) Phenanthrene

16.112min (-0.012) 0.04ng/ul m

response 8308

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 20.30 | 22.46  |
| 179.00 | 16.00 | 19.99# |
| 0.00   | 0.00  | 0.00   |

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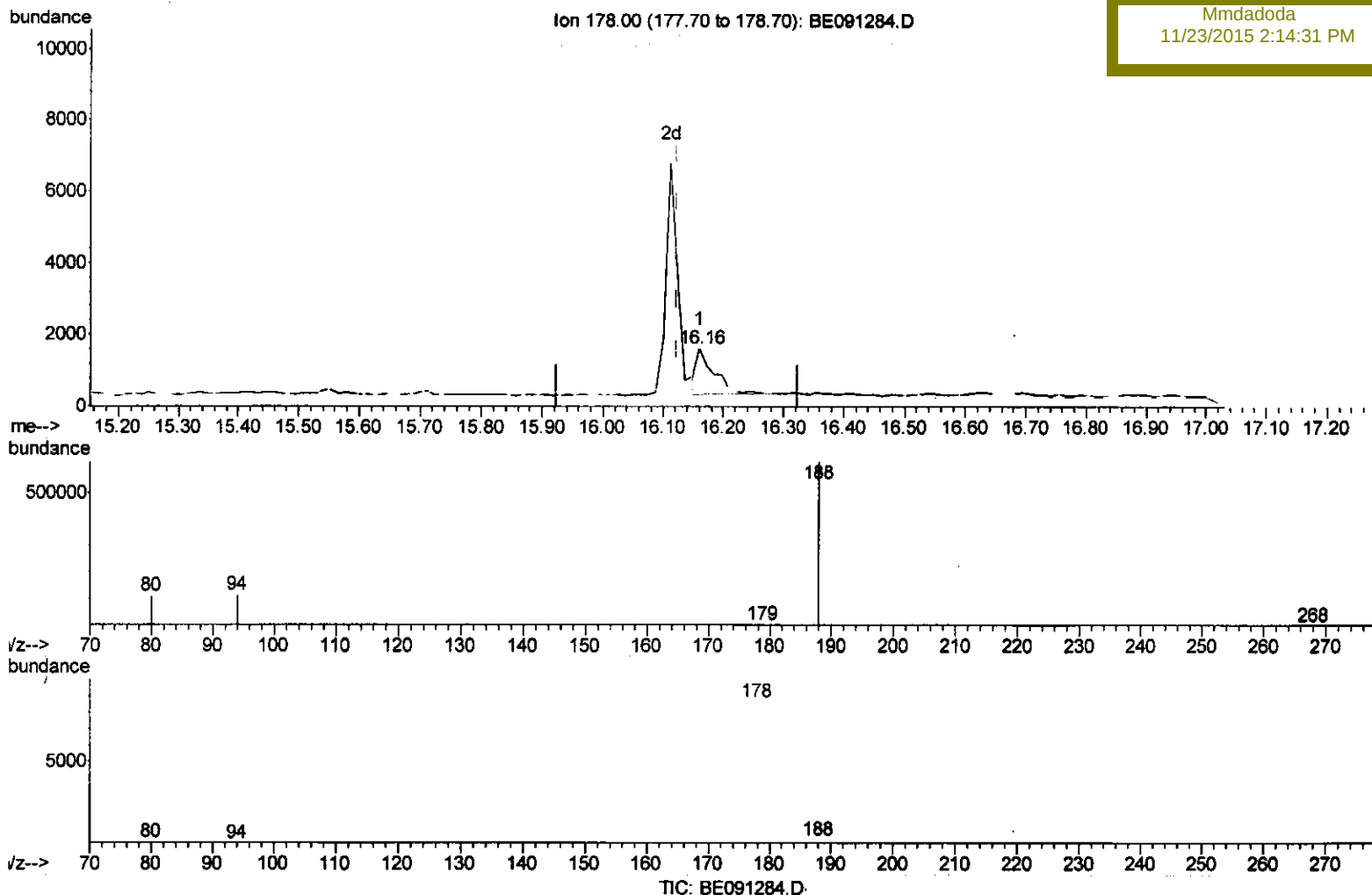
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE112215\  
 Data File : BE091284.D  
 Acq On : 21 Nov 2015 19:53  
 Operator : UM/NP  
 Sample : G4345-20  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 22 02:14:37 2015  
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Manual Integrations  
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(14) Phenanthrene

16.161min (+0.036) 0.01ng/ul

response 2682

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 176.00 | 20.30 | 27.85#  |
| 179.00 | 16.00 | 204.70# |
| 0.00   | 0.00  | 0.00    |

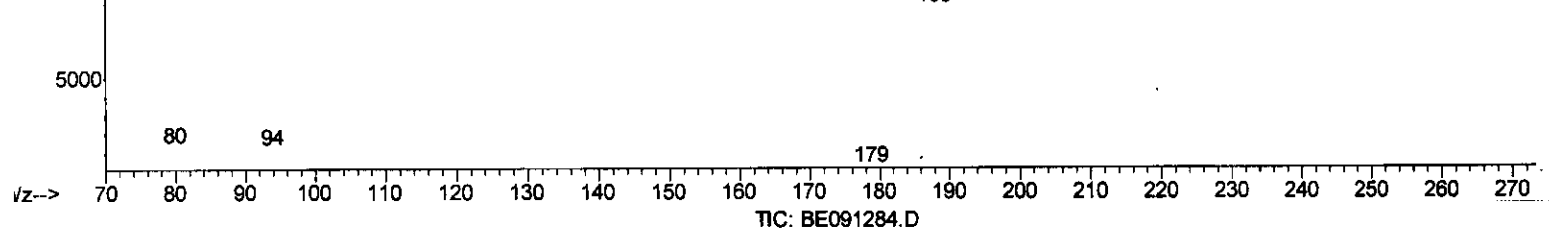
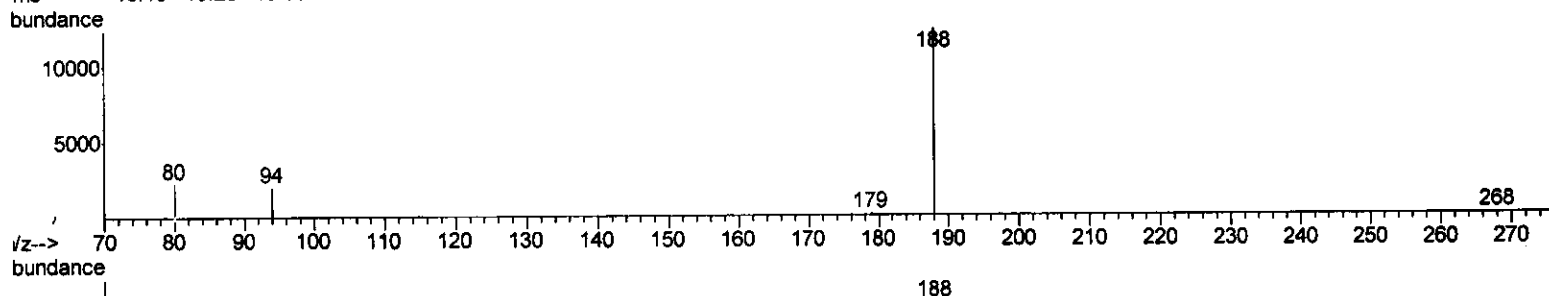
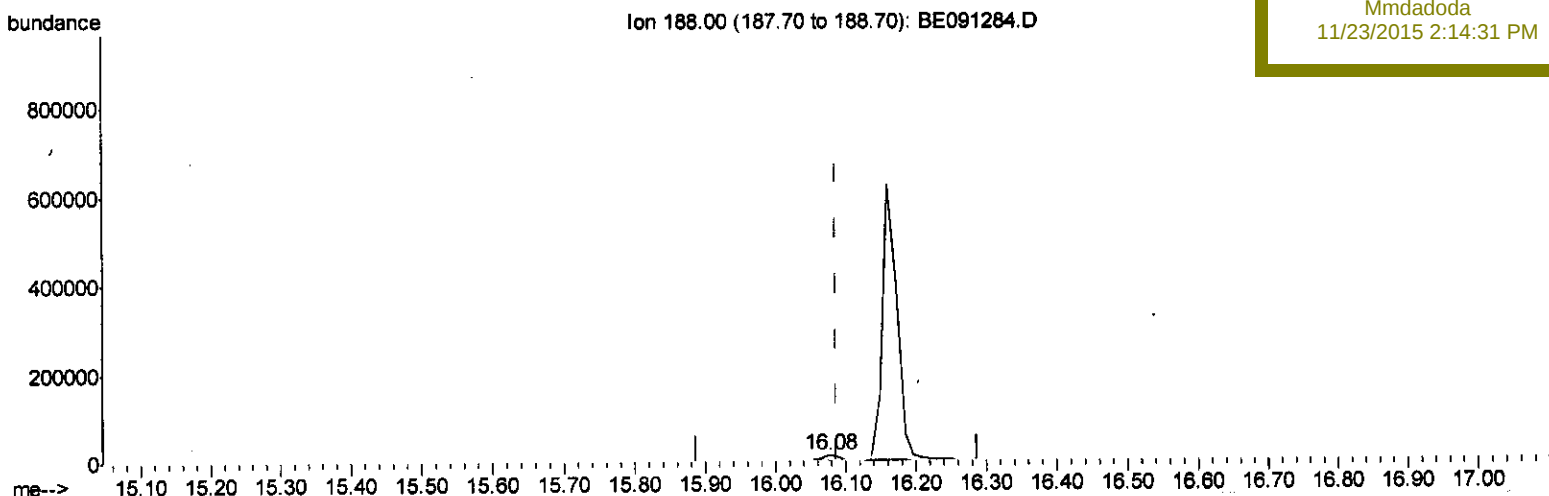
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE112215\  
 Data File : BE091284.D  
 Acq On : 21 Nov 2015 19:53  
 Operator : UM/NP  
 Sample : G4345-20  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 22 02:02:18 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE102715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 22 01:59:17 2015  
 Response via : Initial Calibration

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4J65

Manual Integrations  
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(12) Phenanthrene-d10 (I)

16.076min (-0.012) 0.40ng/ul m

response 18142

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 188.00 | 100  | 100    |
| 94.00  | 9.00 | 16.26# |
| 80.00  | 8.90 | 18.60# |
| 0.00   | 0.00 | 0.00   |

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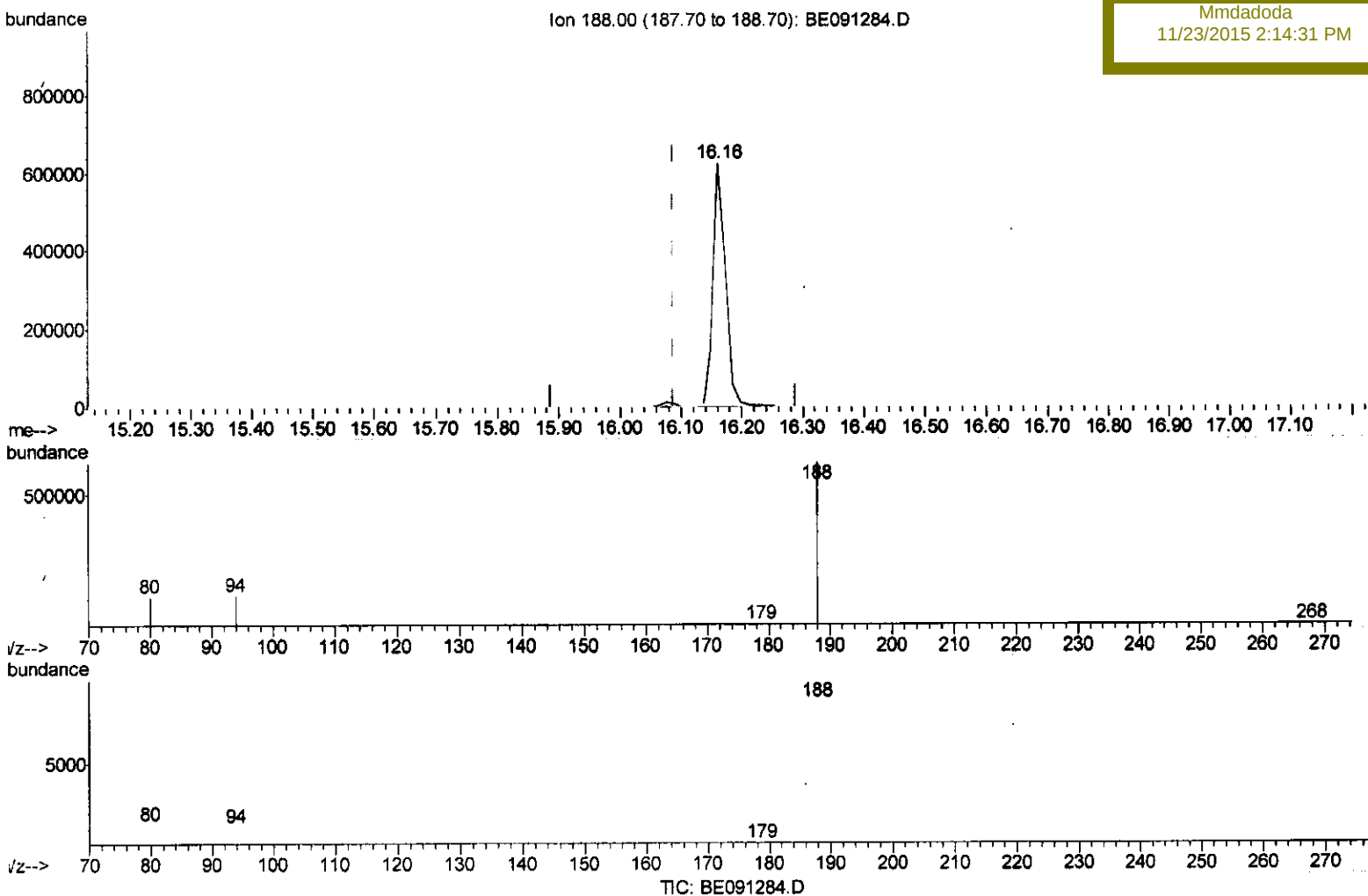
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE112215\  
 Data File : BE091284.D  
 Acq On : 21 Nov 2015 19:53  
 Operator : UM/NP  
 Sample : G4345-20  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 22 02:02:18 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE102715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 22 01:59:17 2015  
 Response via : Initial Calibration

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4J65

Manual Integrations  
 APPROVED

Mmdadoda  
 11/23/2015 2:14:31 PM



(12) Phenanthrene-d10 (I)

16.161min (+0.072) 0.40ng/ul

response 903461

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 188.00 | 100  | 100    |
| 94.00  | 9.00 | 18.14# |
| 80.00  | 8.90 | 17.22# |
| 0.00   | 0.00 | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\  
 Data File : BE091284.D  
 Acq On : 21 Nov 2015 19:53  
 Operator : UM/NP  
 Sample : G4345-20  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4J65

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Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 2921     | 0.40 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 9.54  | 136  | 13965    | 0.40 | ng/ul  | -0.02    |
| 8) Acenaphthene-d10         | 13.36 | 164  | 7657     | 0.40 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.08 | 188  | 18142m   | 0.40 | ng/ul  | -0.01    |
| 18) Chrysene-d12            | 20.23 | 240  | 18935    | 0.40 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.11 | 264  | 14774m   | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 2) 1,4-Dioxane-d8           | 2.93  | 96   | 15969    | 7.60 | ng/uL  | -0.03    |
| 6) 2-Methylnaphthalene-d10  | 11.06 | 152  | 3761     | 0.20 | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 18.07 | 212  | 10849    | 0.21 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        | Ovalue   |
| 13) Pentachlorophenol       | 15.86 | 266  | 164      | 0.10 | ng/ul# | 88       |
| 14) Phenanthrene            | 16.11 | 178  | 8308m    | 0.04 | ng/ul  |          |
| 17) Fluoranthene            | 18.10 | 202  | 6278     | 0.03 | ng/ul  | 83       |

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

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