

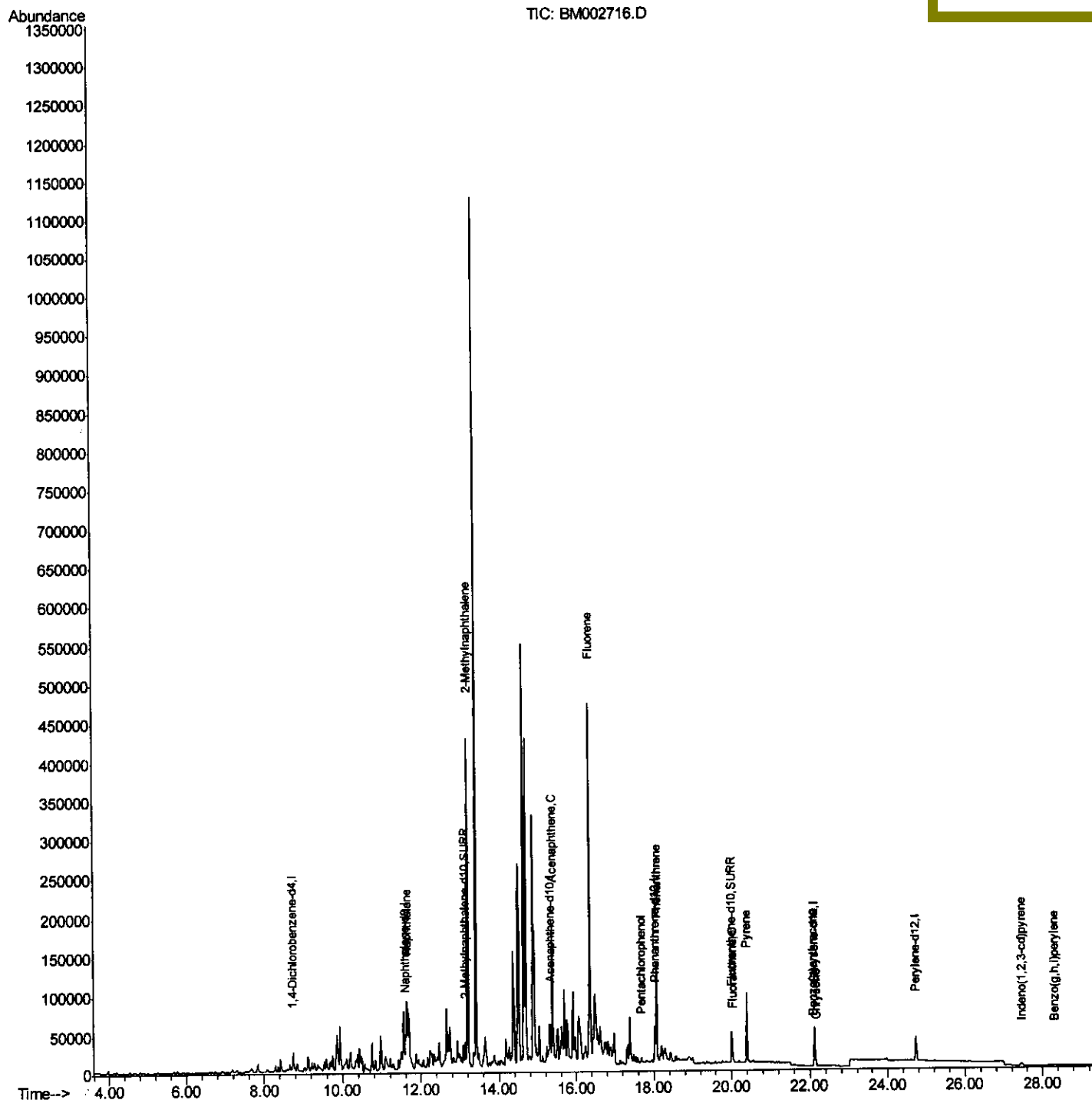
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM092415\  
Data File : BM002716.D  
Acq On : 24 Sep 2015 17:39  
Operator : UM/IZ  
Sample : G3741-06MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
Client Sampled :  
JHAF7MS

Quant Time: Sep 25 05:18:15 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM092415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 25 02:23:28 2015  
Response via : Initial Calibration

Manual Integrations  
APPROVED

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# Quantitation Report (Qedit)

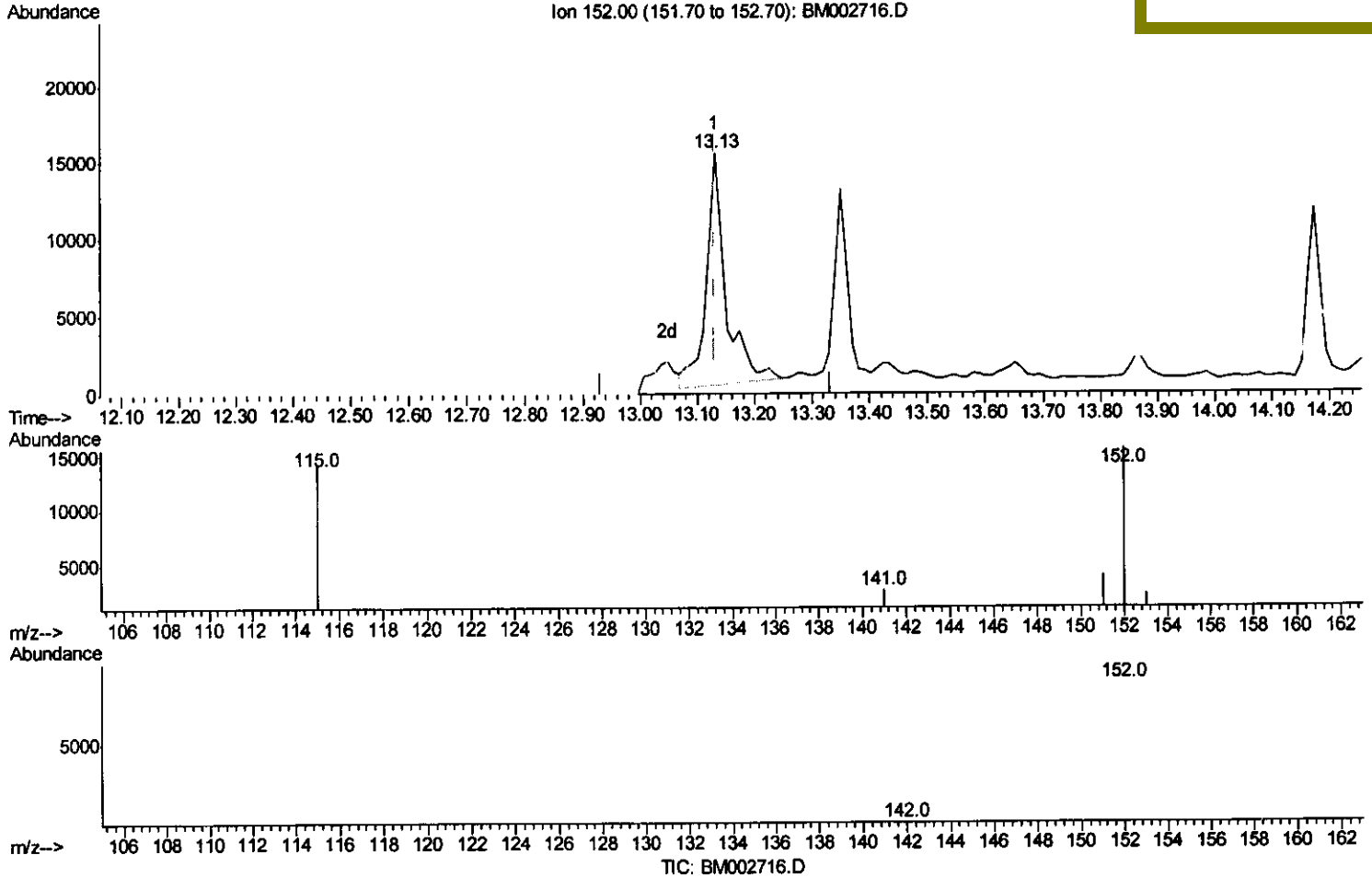
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM092415\  
 Data File : BM002716.D  
 Acq On : 24 Sep 2015 17:39  
 Operator : UM/IZ  
 Sample : G3741-06MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHAF7MS

Quant Time: Sep 25 05:14:59 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM092415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 25 02:23:28 2015  
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(6) 2-Methylnaphthalene-d10 (SURR)

13.131min (+0.000) 0.48ng/ul

response 36388

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 152.00 | 100   | 100    |
| 151.00 | 18.90 | 33.02# |
| 0.00   | 0.00  | 0.00   |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

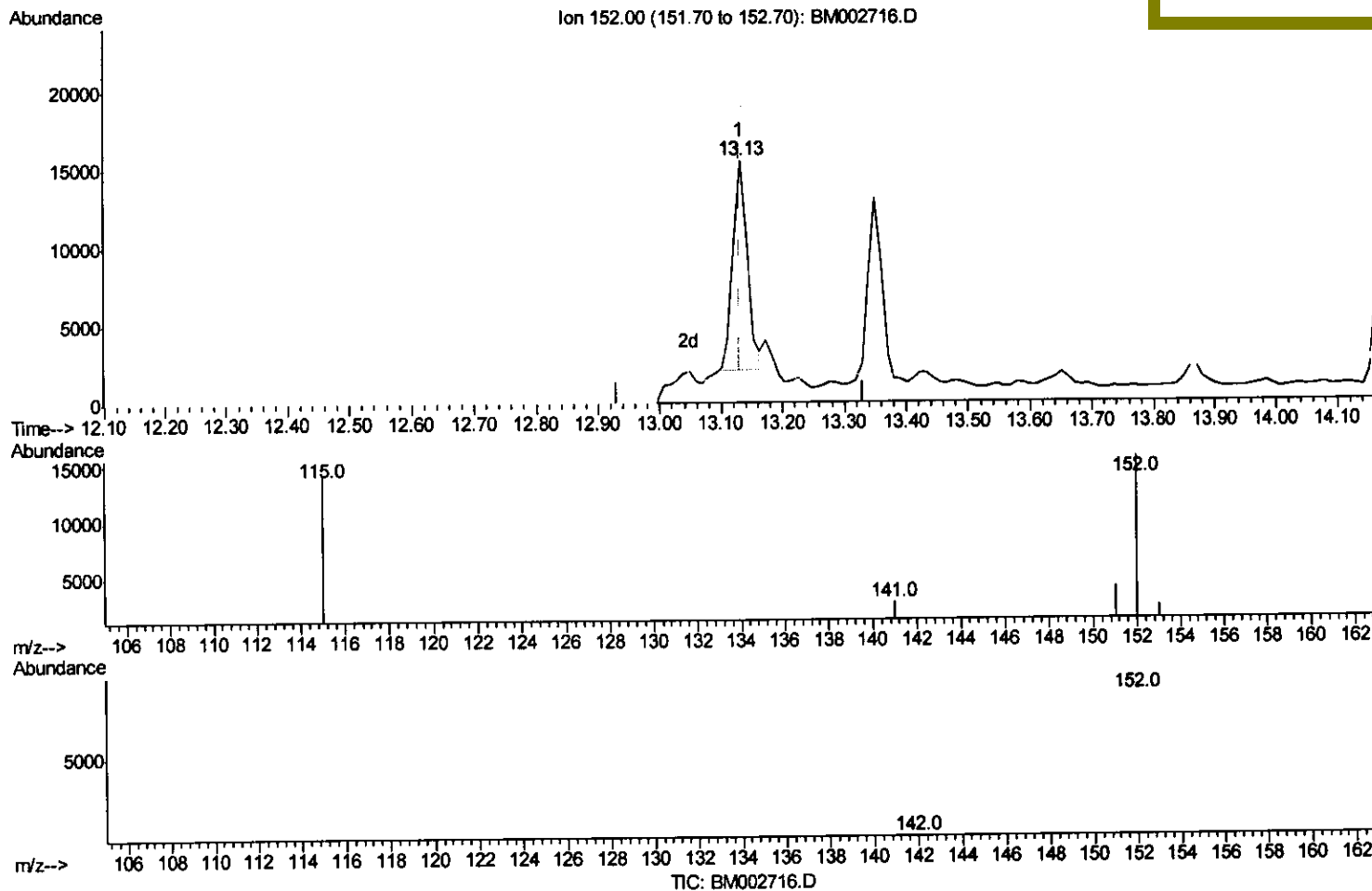
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM092415\  
 Data File : BM002716.D  
 Acq On : 24 Sep 2015 17:39  
 Operator : UM/IZ  
 Sample : G3741-06MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHAF7MS

Quant Time: Sep 25 05:14:59 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM092415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Manual Integrations  
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(6) 2-Methylnaphthalene-d10 (SURR)

13.131min (+0.000) 0.29ng/ul m

response 21972

Ion Exp% Act%

152.00 100 100

151.00 18.90 54.68#

0.00 0.00 0.00

0.00 0.00 0.00

U.M  
 9/29/15

# Quantitation Report (Qedit)

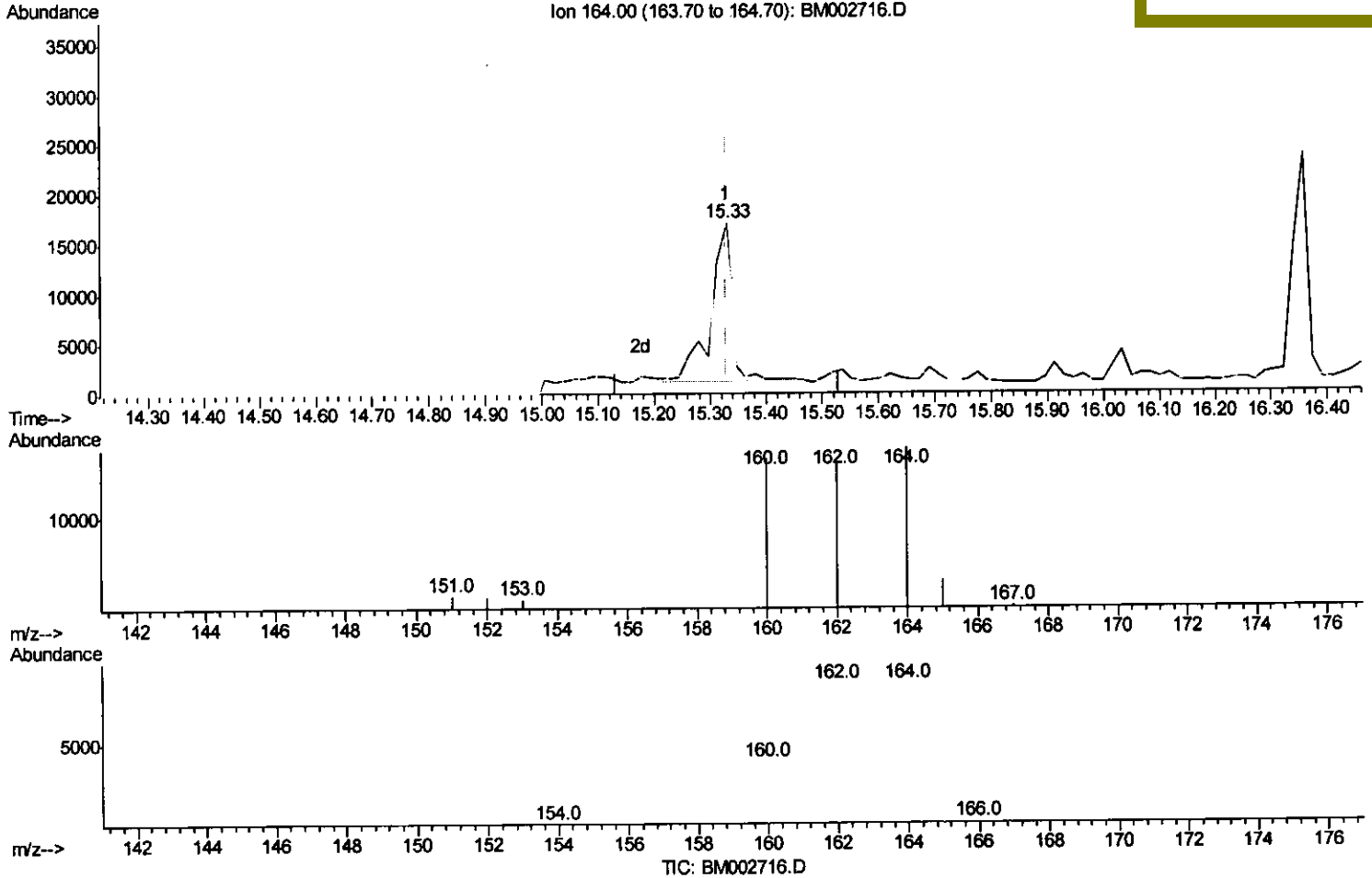
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM092415\  
 Data File : BM002716.D  
 Acq On : 24 Sep 2015 17:39  
 Operator : UM/IZ  
 Sample : G3741-06MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHAF7MS

Quant Time: Sep 25 05:14:59 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM092415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 25 02:23:28 2015  
 Response via : Initial Calibration

Manual Integrations  
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(8) Acenaphthene-d10 (I)

15.330min (+0.000) 0.40ng/ul

response 41802

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100    | 100    |
| 162.00 | 102.10 | 89.66  |
| 160.00 | 46.30  | 93.65# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

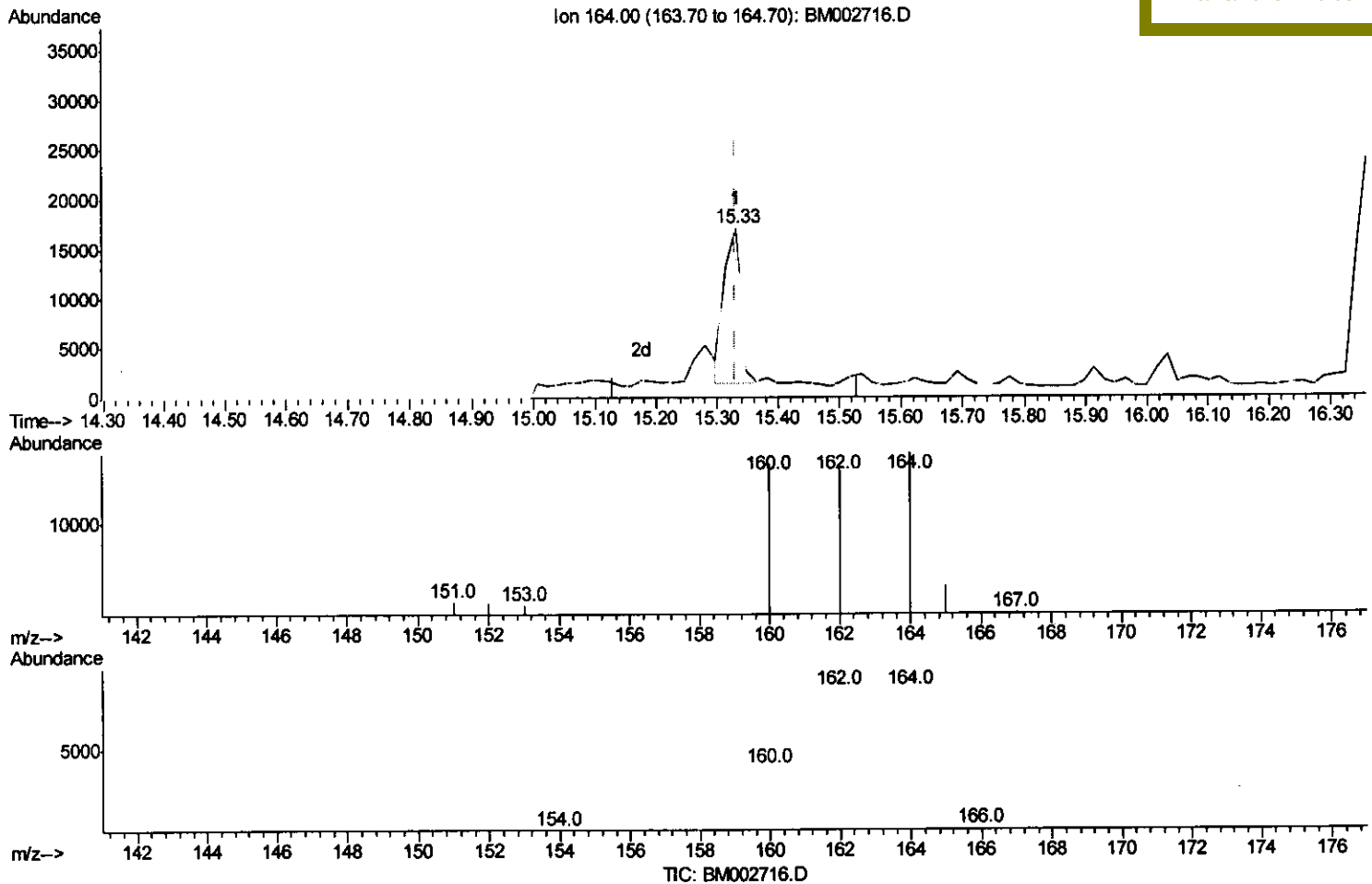
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM092415\  
Data File : BM002716.D  
Acq On : 24 Sep 2015 17:39  
Operator : UM/IZ  
Sample : G3741-06MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JHAF7MS

Quant Time: Sep 25 05:14:59 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM092415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 25 02:23:28 2015  
Response via : Initial Calibration

Manual Integrations  
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(8) Acenaphthene-d10 (I)

15.330min (+0.000) 0.40ng/ul m U.M

response 29678

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100    | 100    |
| 162.00 | 102.10 | 89.66  |
| 160.00 | 46.30  | 93.65# |
| 0.00   | 0.00   | 0.00   |

9/28/15

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM092415\  
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 Acq On : 24 Sep 2015 17:39  
 Operator : UM/IZ  
 Sample : G3741-06MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA M  
 ClientSampleId :  
 JHAF7MS

Quant Time: Sep 25 05:18:15 2015  
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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 | 8.74  | 152  | 13183    | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 11.60 | 136  | 51884    | 0.40 | ng/ul | 0.00     |
| 8) Acenaphthene-d10       | 15.33 | 164  | 29678m   | 0.40 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.03 | 188  | 61694    | 0.40 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 22.12 | 240  | 53945    | 0.40 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.72 | 264  | 50100    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 2) 1,4-Dioxane-d8           | 0.00  | 96   | 0d       | 0.00 | ng/uL |          |
| 6) 2-Methylnaphthalene-d10  | 13.13 | 152  | 21972m   | 0.29 | ng/ul | 0.00     |
| 16) Fluoranthene-d10        | 20.00 | 212  | 50532    | 0.33 | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 5) Naphthalene             | 11.64 | 128  | 209880   | 1.49 | ng/ul# | 61     |
| 7) 2-Methylnaphthalene     | 13.20 | 142  | 335990   | 3.71 | ng/ul  | 98     |
| 10) Acenaphthene           | 15.38 | 153  | 103832   | 0.93 | ng/ul  | 98     |
| 11) Fluorene               | 16.36 | 166  | 314654   | 2.47 | ng/ul  | 86     |
| 13) Pentachlorophenol      | 17.69 | 266  | 5614     | 0.47 | ng/ul  | 97     |
| 14) Phenanthrene           | 18.08 | 178  | 152020   | 0.76 | ng/ul# | 94     |
| 17) Fluoranthene           | 20.04 | 202  | 15868    | 0.07 | ng/ul  | 69     |
| 19) Pyrene                 | 20.39 | 202  | 84080    | 0.40 | ng/ul  | 96     |
| 20) Benzo(a)anthracene     | 22.10 | 228  | 4795     | 0.03 | ng/ul# | 70     |
| 21) Chrysene               | 22.16 | 228  | 4783     | 0.03 | ng/ul# | 74     |
| 26) Indeno(1,2,3-cd)pyrene | 27.45 | 276  | 4022     | 0.02 | ng/ul  | 94     |
| 28) Benzo(g,h,i)perylene   | 28.31 | 276  | 3447     | 0.02 | ng/ul# | 32     |

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

U.M  
 9/29/15