

# Quantitation Report (QT Reviewed)

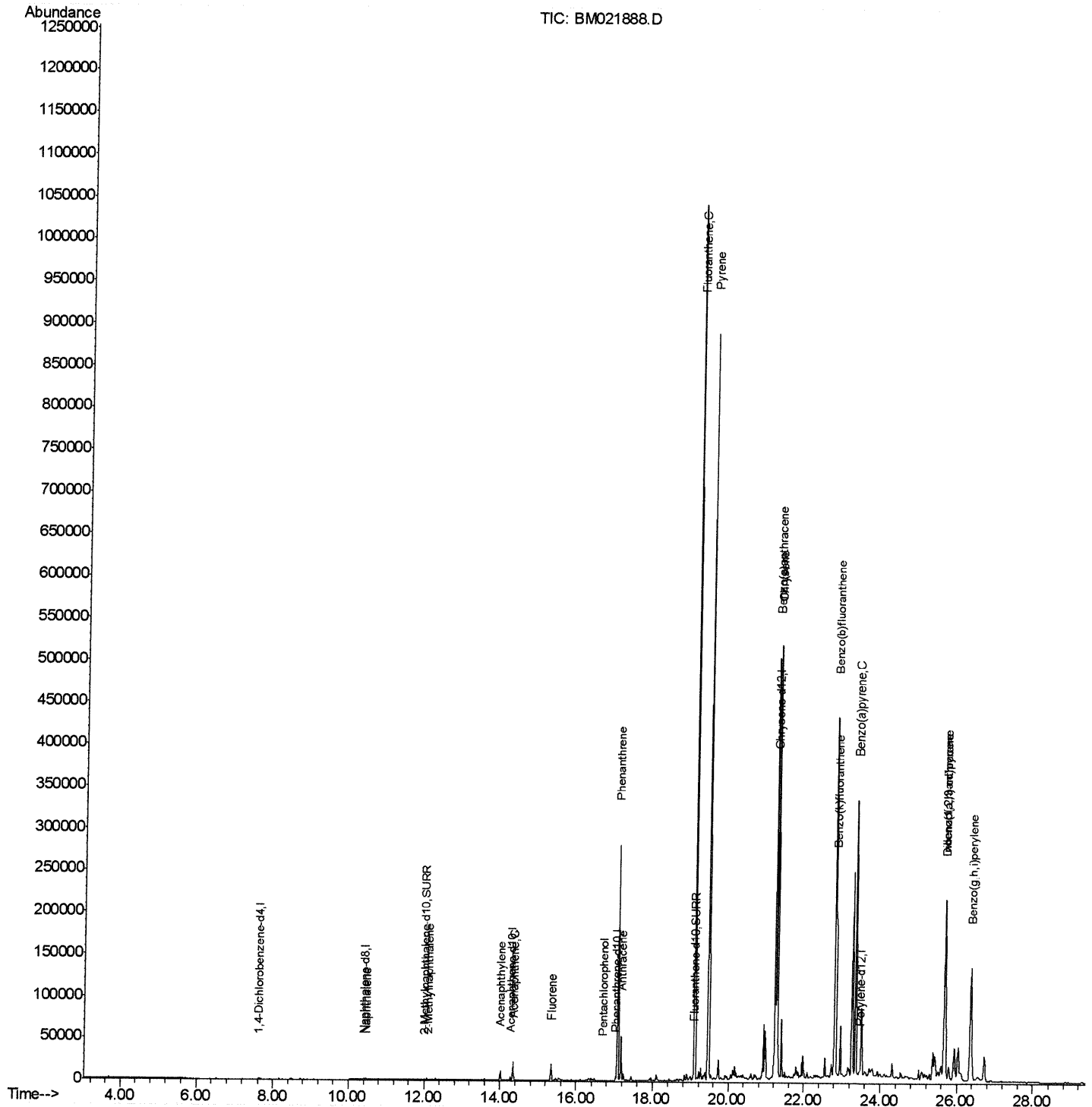
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
 Data File : BM021888.D  
 Acq On : 07 Aug 2019 09:52  
 Operator : HP/JU  
 Sample : K3893-07MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEP11MSD

Manual Integrations  
 APPROVED

mohammad  
 8/7/2019 12:14:08 PM

Quant Time: Aug 07 11:57:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 08:28:11 2019  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

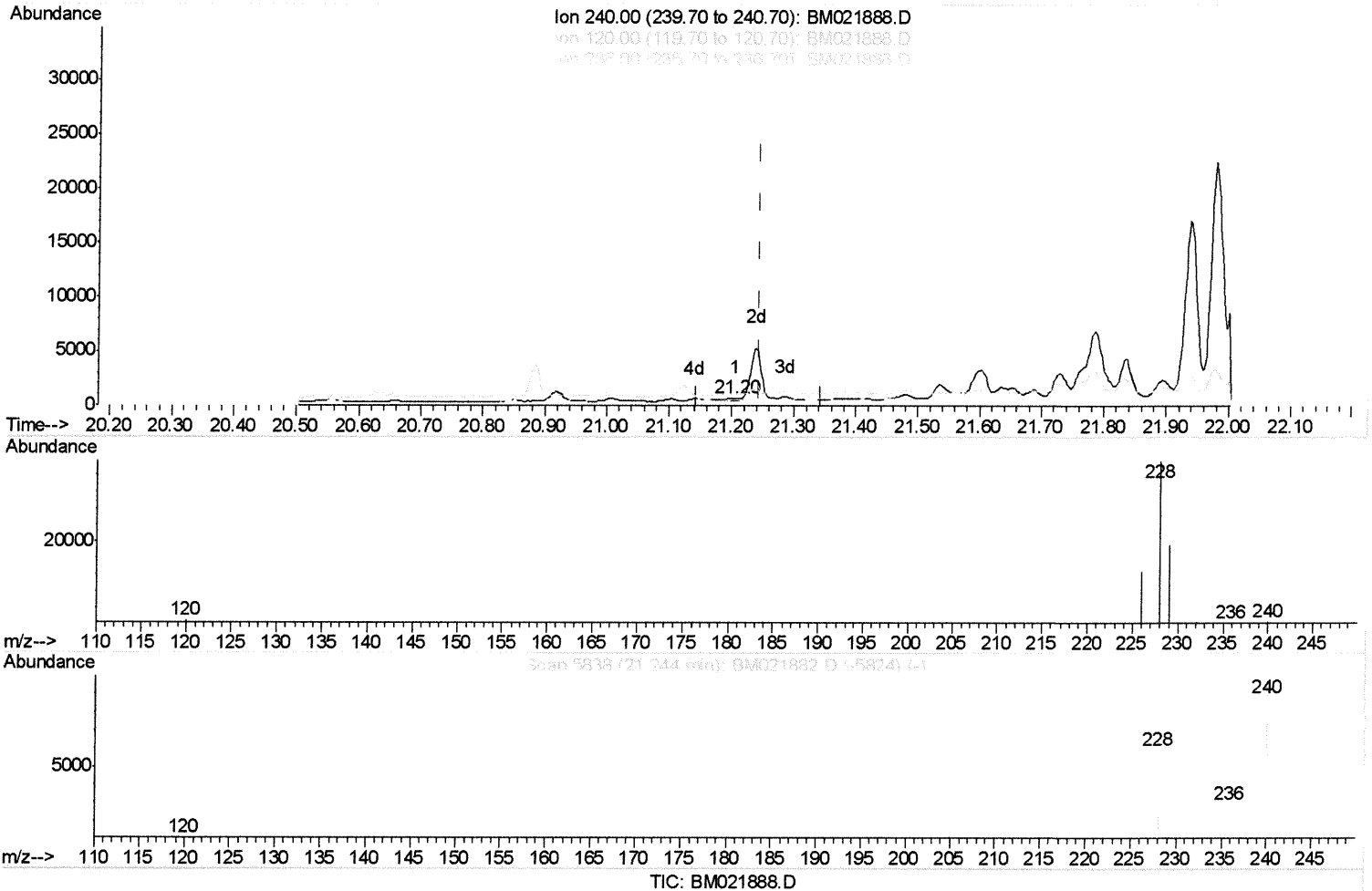
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Quant Time: Aug 07 11:00:43 2019  
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(16) Chrysene-d12 (I)  
 21.205min (-0.039) 0.40ng/ul  
 response 246

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 16.20 | 156.73# |
| 236.00 | 32.30 | 77.16#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

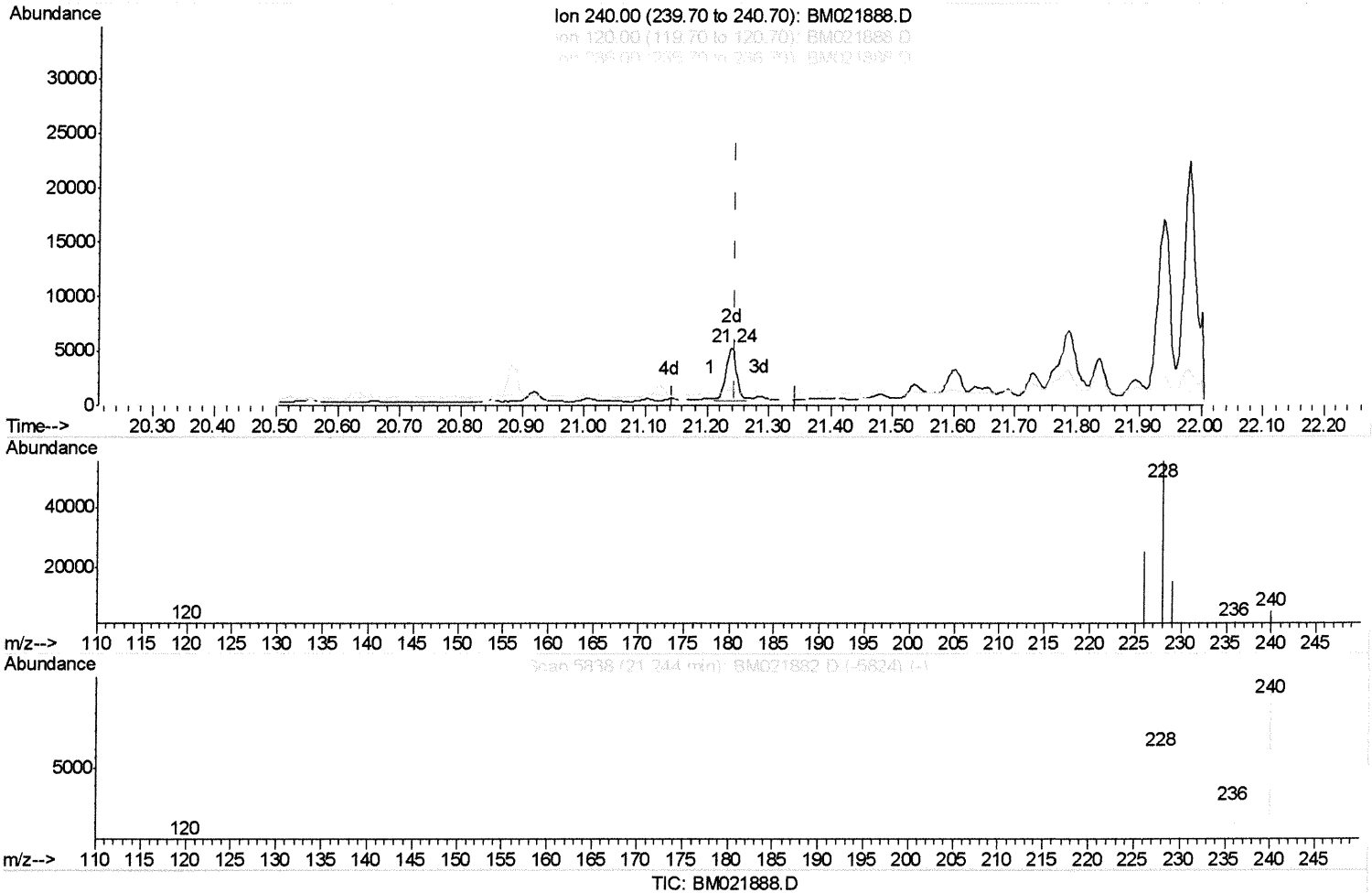
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
 Data File : BM021888.D  
 Acq On : 07 Aug 2019 09:52  
 Operator : HP/JU  
 Sample : K3893-07MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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(16) Chrysene-d12 (I)

21.239min (-0.005) 0.40ng/ul m 08/07/19

response 5979

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 16.20 | 28.16# |
| 236.00 | 32.30 | 35.09  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

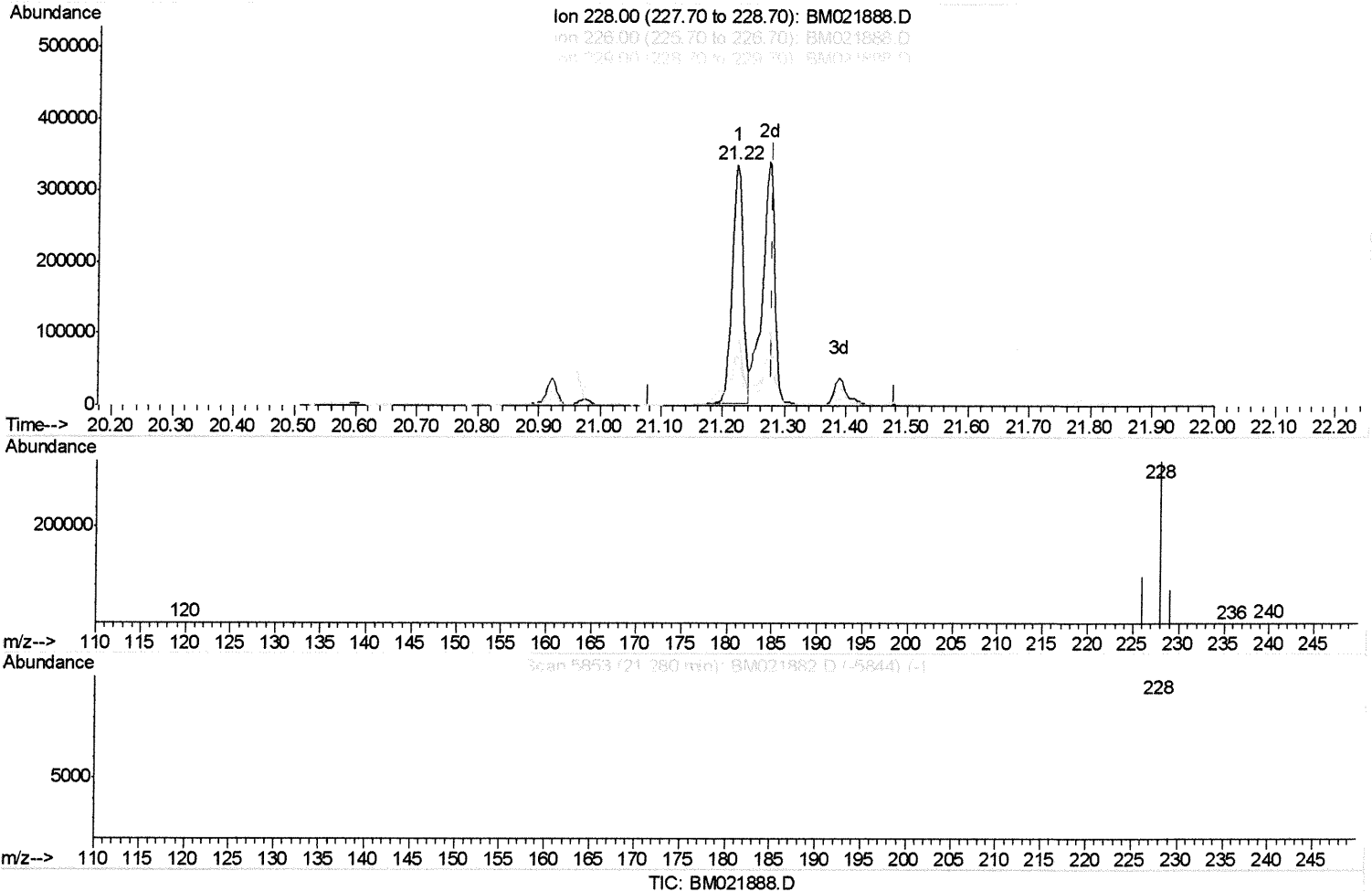
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
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(19) Chrysene

21.222min (-0.058) 14.97ng/ul

response 411681

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 31.10 | 29.01 |
| 229.00 | 20.80 | 20.71 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

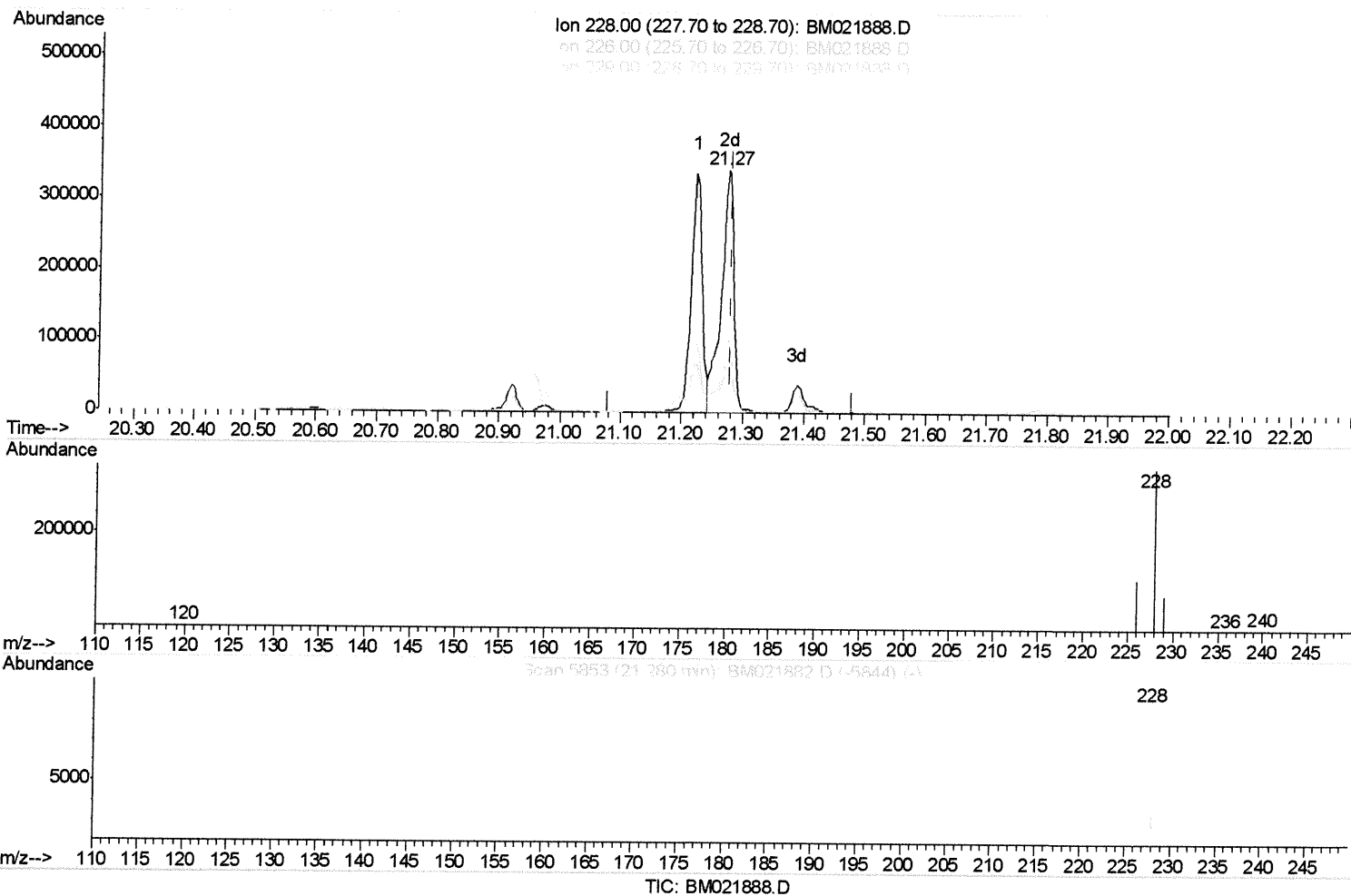
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
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(19) Chrysene

21.273min (-0.007) 17.78ng/ul m *JU* 08/07/19

response 489088

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 31.10 | 31.00 |
| 229.00 | 20.80 | 21.47 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

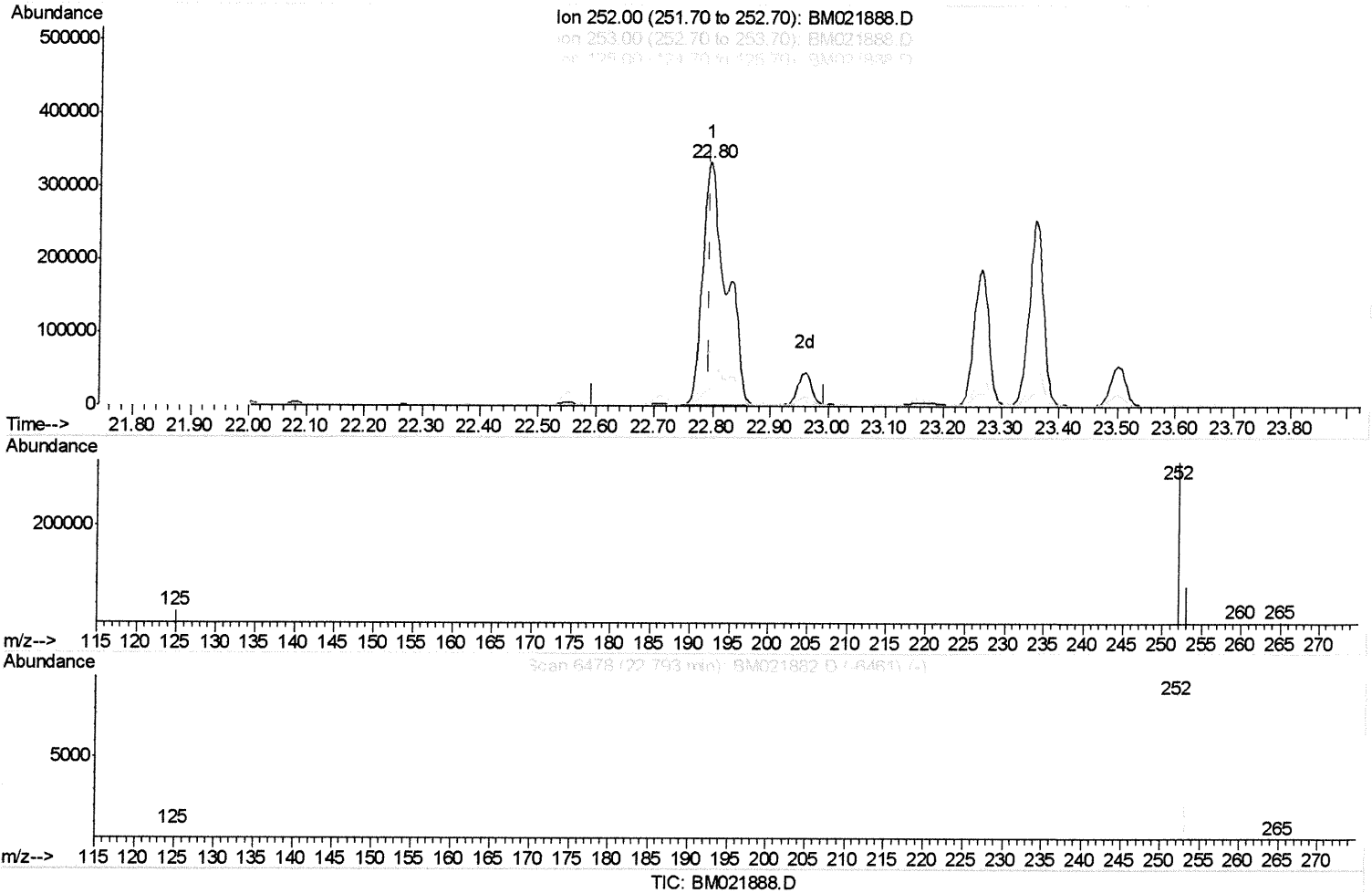
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
 Data File : BM021888.D  
 Acq On : 07 Aug 2019 09:52  
 Operator : HP/JU  
 Sample : K3893-07MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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(21) Benzo(b)fluoranthene  
 22.796min (+0.002) 34.44ng/ul  
 response 936750

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 22.72 |
| 125.00 | 15.50 | 7.23  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

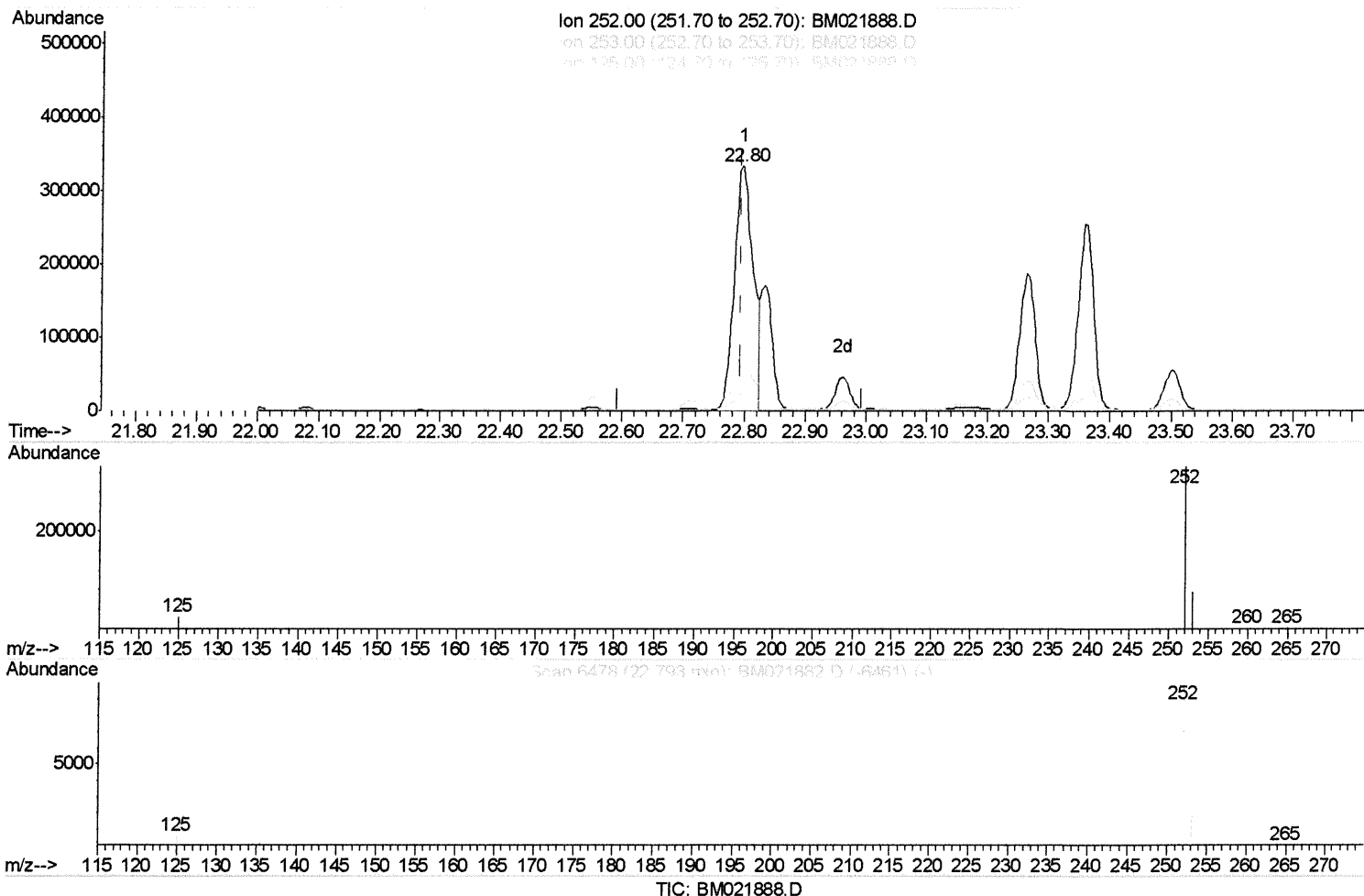
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
 Data File : BM021888.D  
 Acq On : 07 Aug 2019 09:52  
 Operator : HP/JU  
 Sample : K3893-07MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEP11MSD

Manual Integrations  
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(21) Benzo(b)fluoranthene

22.796min (+0.002) 26.31ng/ul m

JU  
 08/07/19

response 715661

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 22.72 |
| 125.00 | 15.50 | 7.23  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

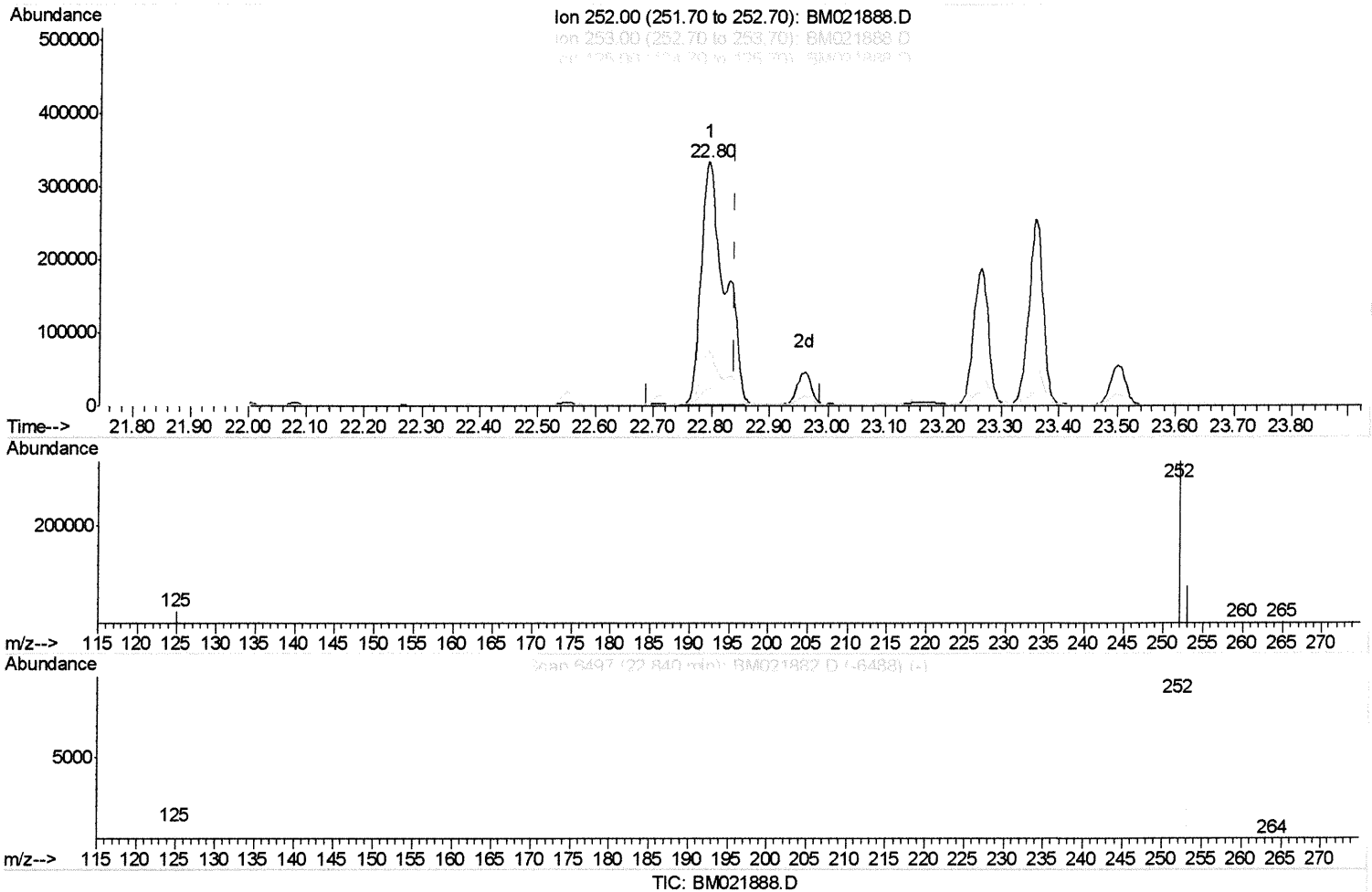
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
 Data File : BM021888.D  
 Acq On : 07 Aug 2019 09:52  
 Operator : HP/JU  
 Sample : K3893-07MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEP11MSD

Manual Integrations  
 APPROVED

mohammad  
 8/7/2019 12:14:08 PM

Quant Time: Aug 07 11:56:07 2019  
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(22) Benzo(k)fluoranthene  
 22.796min (-0.044) 30.44ng/ul  
 response 936750

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.70 | 22.72# |
| 125.00 | 15.20 | 7.23#  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

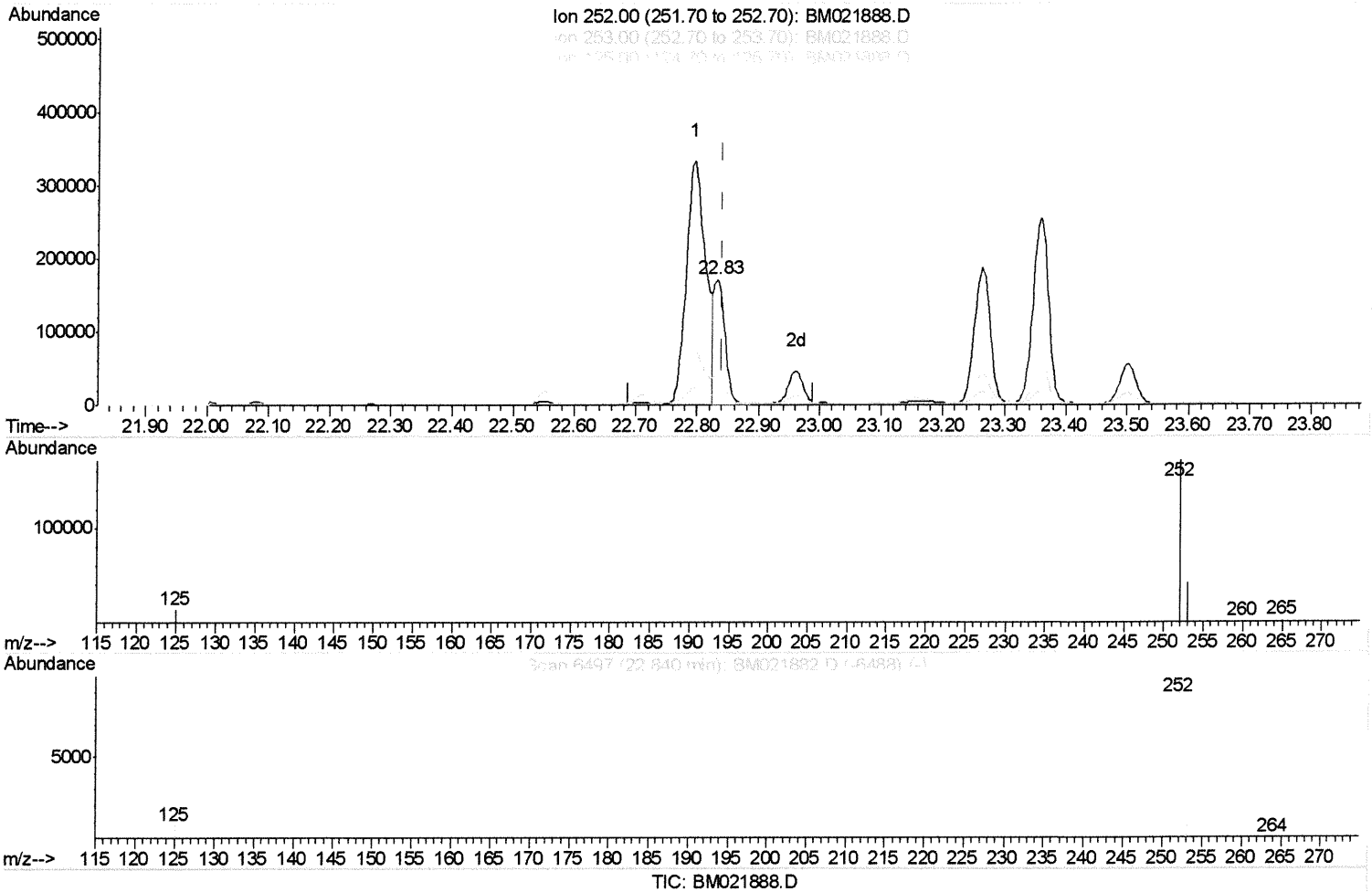
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
 Data File : BM021888.D  
 Acq On : 07 Aug 2019 09:52  
 Operator : HP/JU  
 Sample : K3893-07MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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 APPROVED

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(22) Benzo(k)fluoranthene

22.832min (-0.007) 7.51ng/ul m *JU 08/07/19*

response 231211

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.70 | 23.82# |
| 125.00 | 15.20 | 7.90#  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

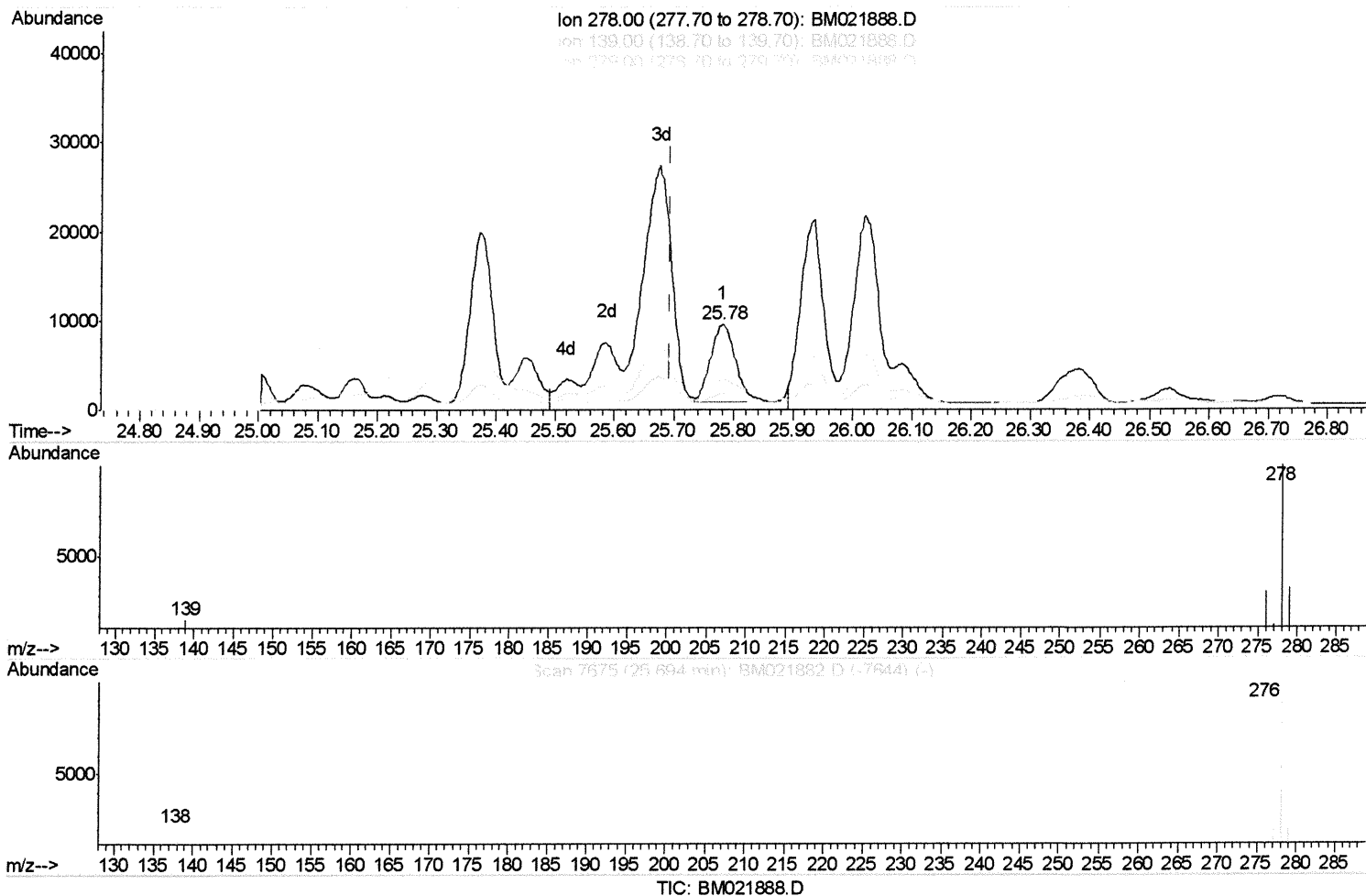
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
Data File : BM021888.D  
Acq On : 07 Aug 2019 09:52  
Operator : HP/JU  
Sample : K3893-07MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
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(25) Dibenzo(a,h)anthracene

25.781min (+0.087) 0.96ng/ul

response 25608

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 17.70 | 19.40 |
| 279.00 | 35.40 | 35.26 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

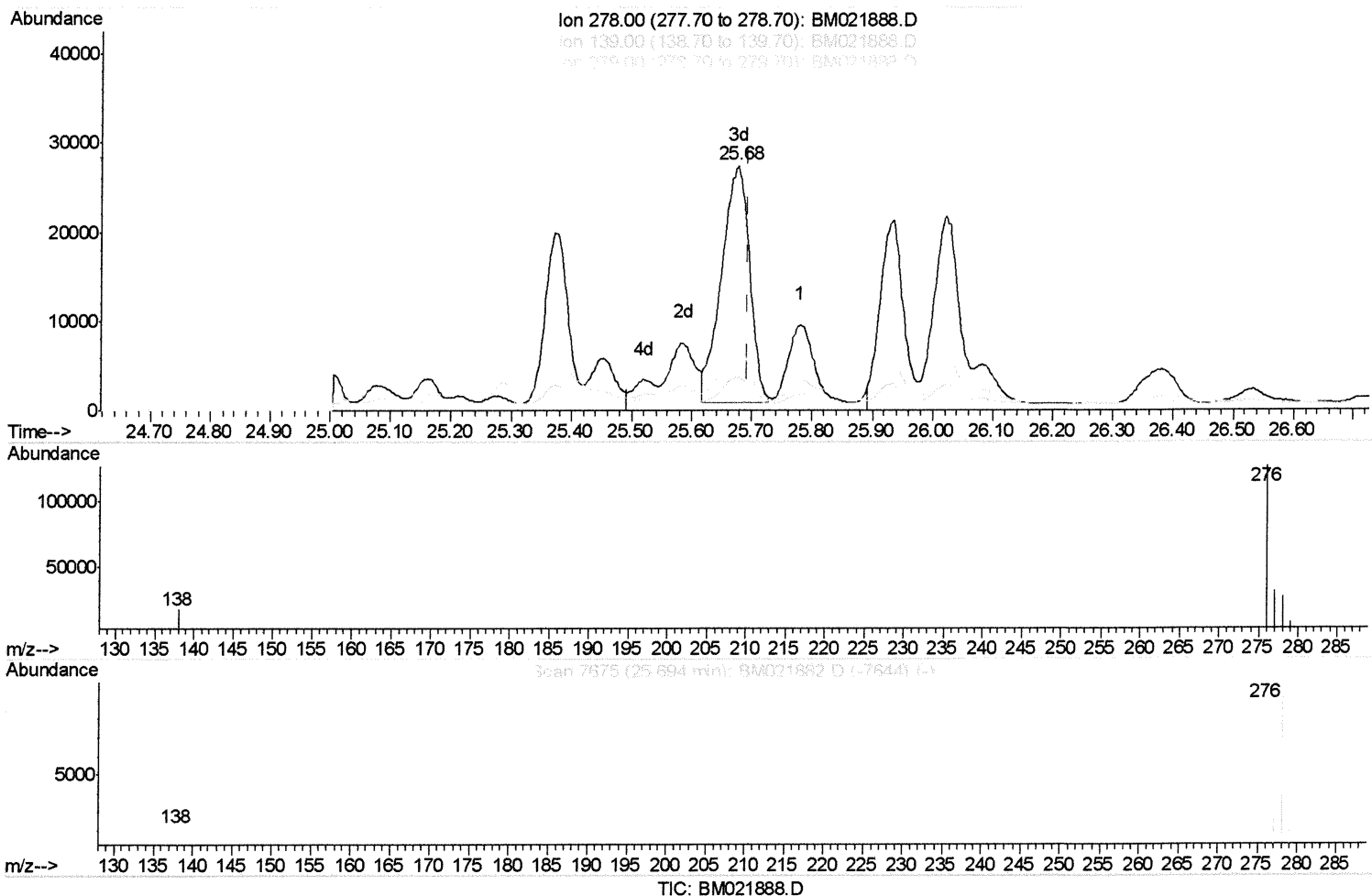
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080619\  
Data File : BM021888.D  
Acq On : 07 Aug 2019 09:52  
Operator : HP/JU  
Sample : K3893-07MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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mohammad  
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(25) Dibenzo(a,h)anthracene

25.676min (-0.017) 3.26ng/ul m

JU  
08/07/19

response 86948

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 17.70 | 13.60# |
| 279.00 | 35.40 | 28.28# |
| 0.00   | 0.00  | 0.00   |

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|---------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 955      | 0.40 | ng/ul | 0.00      |
| 2) Naphthalene-d8         | 10.41 | 136  | 4334     | 0.40 | ng/ul | -0.02     |
| 6) Acenaphthene-d10       | 14.28 | 164  | 2475     | 0.40 | ng/ul | 0.00      |
| 10) Phenanthrene-d10      | 17.03 | 188  | 5871     | 0.40 | ng/ul | -0.02     |
| 16) Chrysene-d12          | 21.24 | 240  | 5979m    | 0.40 | ng/ul | 0.00      |
| 20) Perylene-d12          | 23.45 | 264  | 8065     | 0.40 | ng/ul | 0.00      |

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| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|-----------------------------|-------|------|----------|------|-------|-----------|
| 4) 2-Methylnaphthalene-d10  | 12.00 | 152  | 2259     | 0.32 | ng/ul | -0.02     |
| 14) Fluoranthene-d10        | 19.07 | 212  | 6606     | 0.33 | ng/ul | -0.01     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Naphthalene             | 10.46 | 128  | 3538     | 0.289  | ng/ul  | 98     |
| 5) 2-Methylnaphthalene     | 12.08 | 142  | 1998     | 0.245  | ng/ul  | 94     |
| 7) Acenaphthylene          | 14.00 | 152  | 13384    | 1.159  | ng/ul# | 82     |
| 8) Acenaphthene            | 14.34 | 153  | 13123    | 1.389  | ng/ul  | 97     |
| 9) Fluorene                | 15.34 | 166  | 12734    | 1.214  | ng/ul  | 97     |
| 11) Pentachlorophenol      | 16.70 | 266  | 257      | 0.237  | ng/ul  | 95     |
| 12) Phenanthrene           | 17.08 | 178  | 288856   | 16.909 | ng/ul  | 96     |
| 13) Anthracene             | 17.17 | 178  | 53735    | 3.688  | ng/ul  | 95     |
| 15) Fluoranthene           | 19.10 | 202  | 876529   | 38.304 | ng/ul  | 93     |
| 17) Pyrene                 | 19.47 | 202  | 773213   | 31.470 | ng/ul  | 95     |
| 18) Benzo(a)anthracene     | 21.22 | 228  | 412389   | 19.283 | ng/ul  | 99     |
| 19) Chrysene               | 21.27 | 228  | 489088m  | 17.782 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 22.80 | 252  | 715661m  | 26.315 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.83 | 252  | 231211m  | 7.512  | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.36 | 252  | 445052   | 16.091 | ng/ul# | 74     |
| 24) Indeno(1,2,3-cd)pyrene | 25.67 | 276  | 339940   | 10.294 | ng/ul# | 90     |
| 25) Dibenzo(a,h)anthracene | 25.68 | 278  | 86948m   | 3.257  | ng/ul  |        |
| 26) Benzo(g,h,i)perylene   | 26.36 | 276  | 285324   | 9.597  | ng/ul# | 93     |

JU 08/07/19

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