

# Quantitation Report (QT Reviewed)

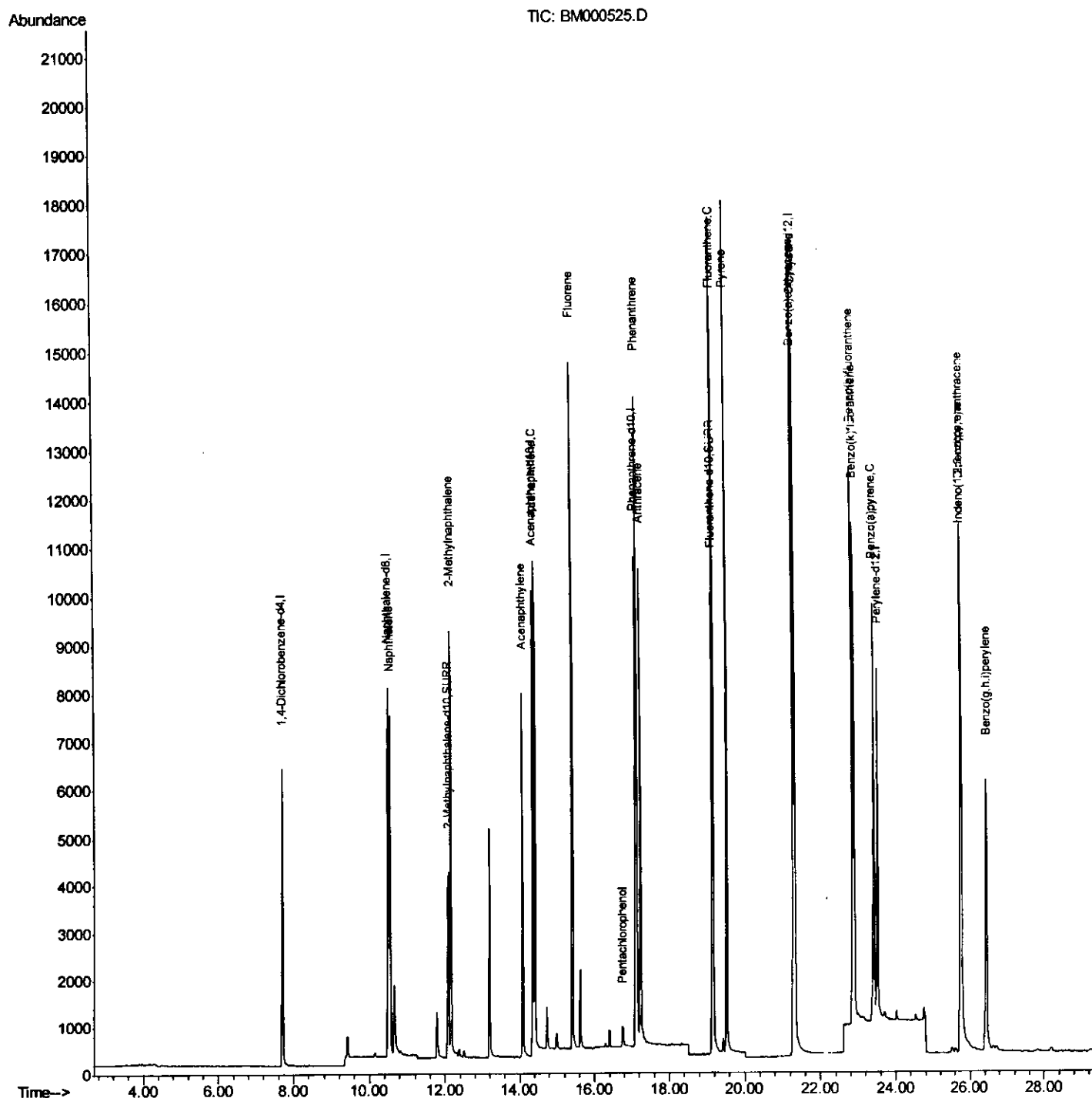
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM021315\  
 Data File : BM000525.D  
 Acq On : 13 Feb 2015 19:15  
 Operator : TP/IZ  
 Sample : SSTD0.407  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD0.407

Manual Integrations  
 APPROVED

apatel  
 2/16/2015 1:58:10 PM

Quant Time: Feb 14 01:40:41 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM021215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 12 16:45:55 2015  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

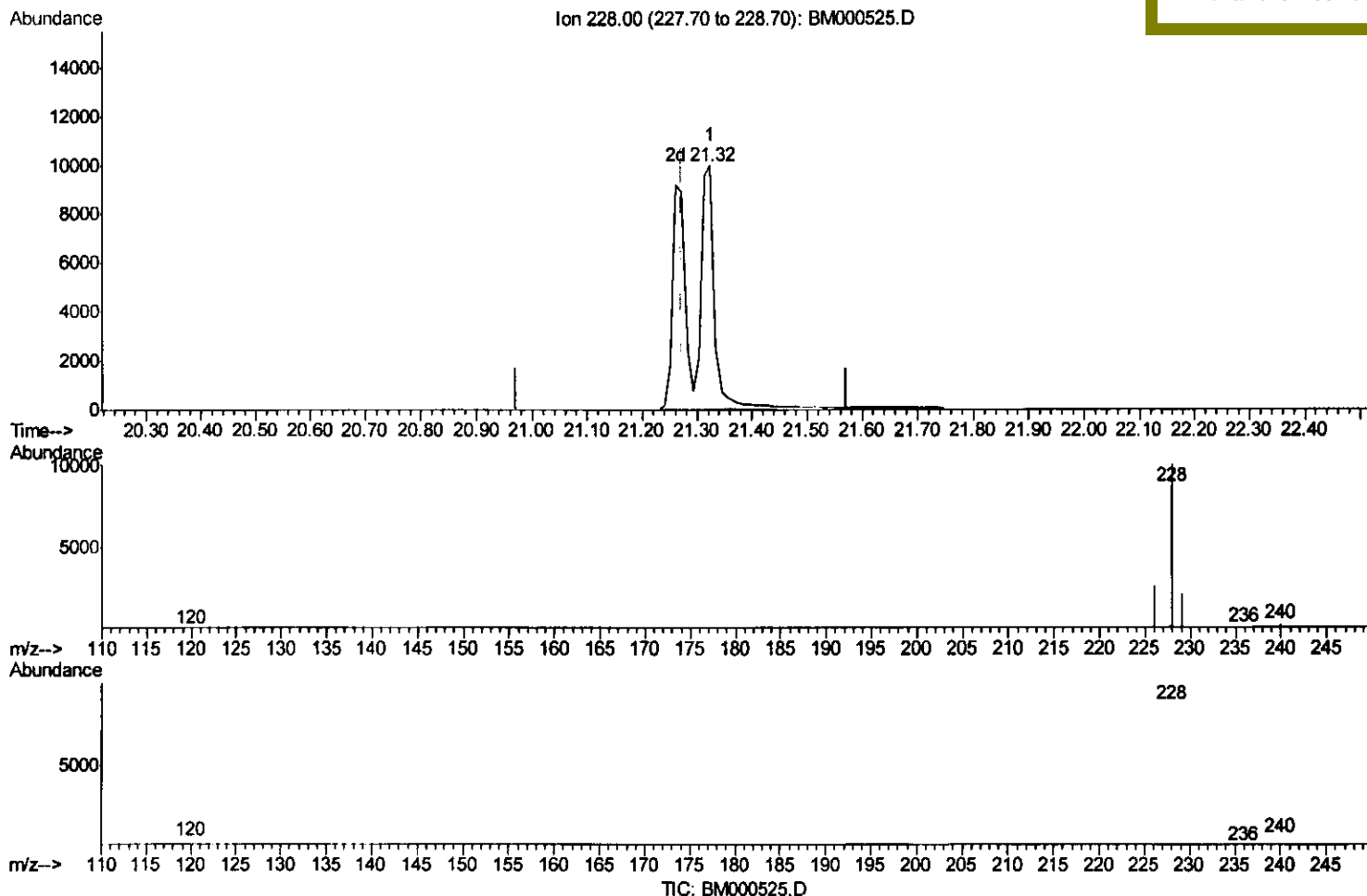
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM021315\  
 Data File : BM000525.D  
 Acq On : 13 Feb 2015 19:15  
 Operator : TP/IZ  
 Sample : SST0.407  
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Instrument :  
 BNA\_M  
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 SST0.407

Quant Time: Feb 14 01:37:20 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM021215.M  
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(18) Benzo(a)anthracene

21.323min (+0.052) 0.47ng/ul

response 16508

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 25.80 | 26.39 |
| 229.00 | 20.40 | 21.36 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

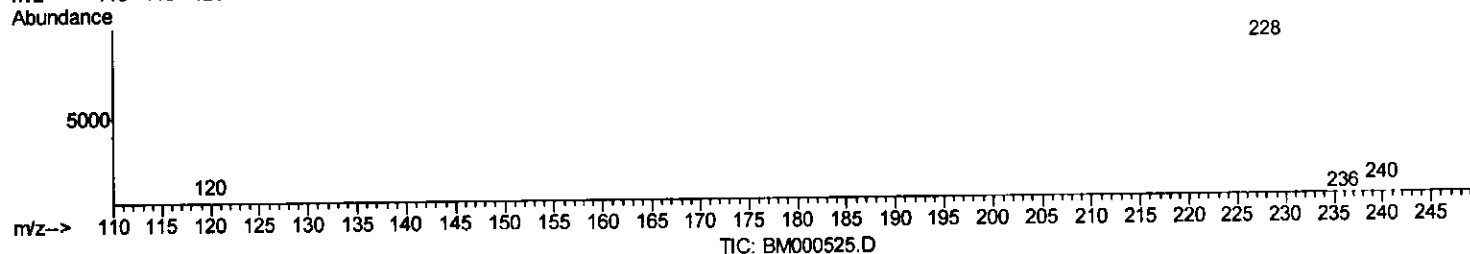
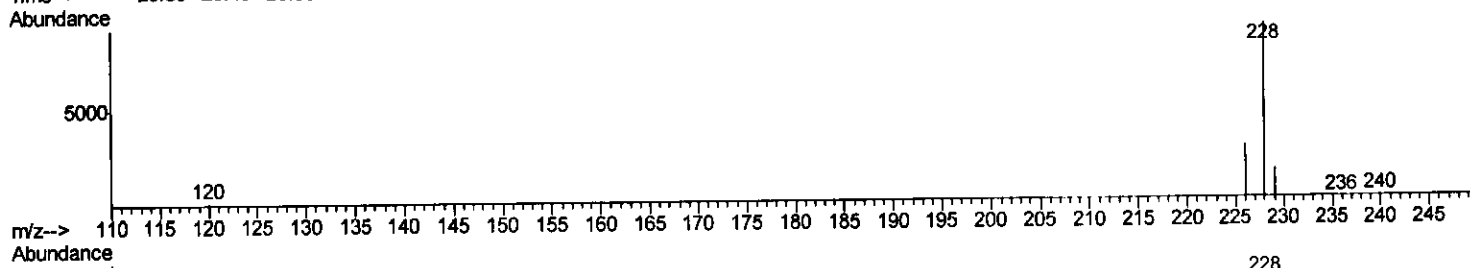
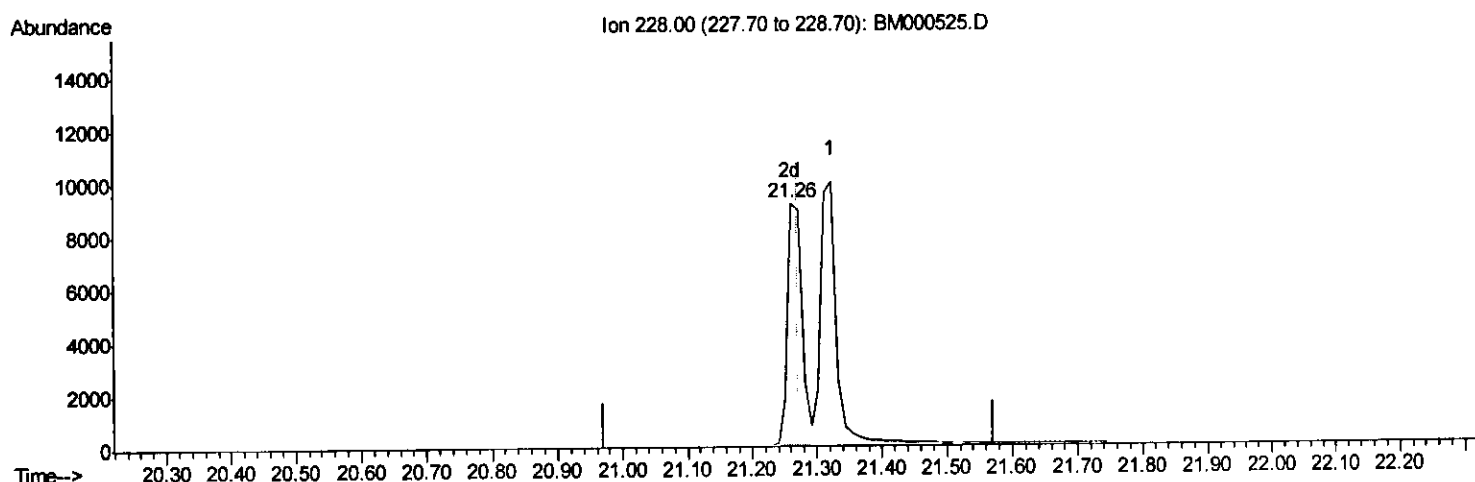
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM021315\  
 Data File : BM000525.D  
 Acq On : 13 Feb 2015 19:15  
 Operator : TP/IZ  
 Sample : SSTDO.407  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDO.407

Manual Integrations  
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(18) Benzo(a)anthracene

21.261min (-0.010) 0.40ng/ul m

response 14219

Ion Exp% Act%

228.00 100 100

226.00 25.80 30.99%

229.00 20.40 17.10

0.00 0.00 0.00

TP  
 2/17/15

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM021315\  
 Data File : BM000525.D  
 Acq On : 13 Feb 2015 19:15  
 Operator : TP/IZ  
 Sample : SSTDO.407  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDO.407

Quant Time: Feb 14 01:40:41 2015  
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Manual Integrations  
 APPROVED

apatel  
 2/16/2015 1:58:10 PM

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 3444     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.49 | 136  | 11529    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.35 | 164  | 7035     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.09 | 188  | 14367    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.28 | 240  | 12538    | 0.40 | ng/ul | -0.01    |
| 20) Perylene-d12          | 23.51 | 264  | 10809    | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |       |      |       |      |
|----------------------------|-------|-----|-------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 12.09 | 152 | 5776  | 0.39 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.13 | 212 | 12089 | 0.40 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |      |        | Qvalue |
|----------------------------|-------|-----|--------|------|--------|--------|
| 3) Naphthalene             | 10.54 | 128 | 10909  | 0.40 | ng/ul  | 100    |
| 5) 2-Methylnaphthalene     | 12.15 | 142 | 7313   | 0.40 | ng/ul  | 99     |
| 7) Acenaphthylene          | 14.06 | 152 | 10305  | 0.39 | ng/ul  | 95     |
| 8) Acenaphthene            | 14.40 | 153 | 7923   | 0.39 | ng/ul# | 81     |
| 9) Fluorene                | 15.40 | 166 | 9542   | 0.39 | ng/ul  | 95     |
| 11) Pentachlorophenol      | 16.75 | 266 | 541    | 0.29 | ng/ul  | 98     |
| 12) Phenanthrene           | 17.13 | 178 | 15606  | 0.40 | ng/ul  | 97     |
| 13) Anthracene             | 17.23 | 178 | 14136  | 0.40 | ng/ul  | 98     |
| 15) Fluoranthene           | 19.15 | 202 | 17863  | 0.41 | ng/ul  | 93     |
| 17) Pyrene                 | 19.51 | 202 | 18409  | 0.41 | ng/ul  | 93     |
| 18) Benzo(a)anthracene     | 21.26 | 228 | 14219m | 0.40 | ng/ul  |        |
| 19) Chrysene               | 21.32 | 228 | 16700  | 0.41 | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 22.83 | 252 | 14562  | 0.40 | ng/ul  | 97     |
| 22) Benzo(k)fluoranthene   | 22.88 | 252 | 15301  | 0.42 | ng/ul  | 97     |
| 23) Benzo(a)pyrene         | 23.41 | 252 | 13909  | 0.41 | ng/ul  | 96     |
| 24) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 14611  | 0.38 | ng/ul  | 99     |
| 25) Dibenzo(a,h)anthracene | 25.75 | 278 | 11466  | 0.38 | ng/ul  | 96     |
| 26) Benzo(g,h,i)perylene   | 26.43 | 276 | 13024  | 0.39 | ng/ul  | 99     |

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

T.P.  
 2/17/15