

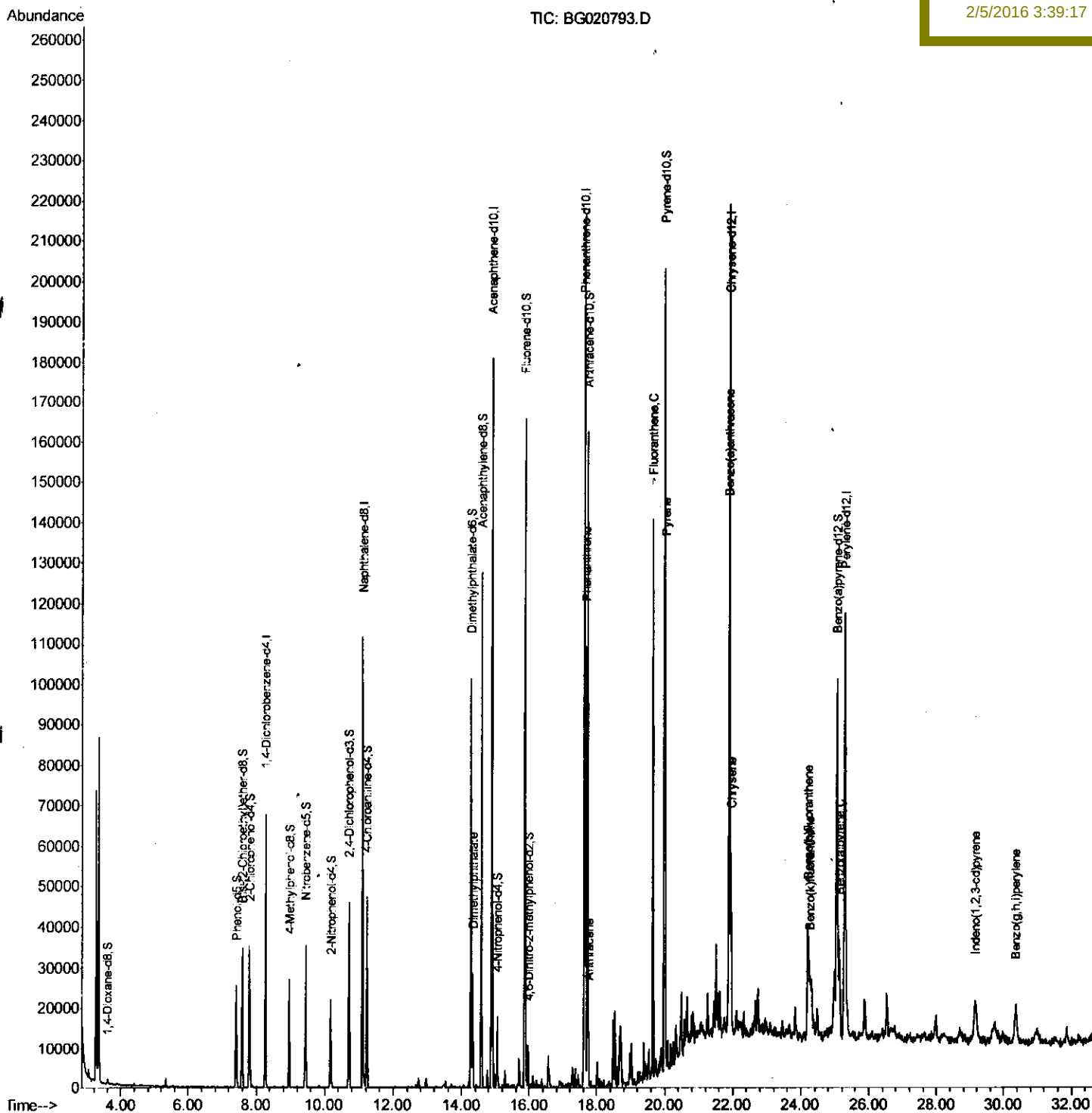
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG020416\  
Data File : BG020793.D  
Acq On : 4 Feb 2016 19:08  
Operator : SJ/IZ  
Sample : H1334-10  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 05 07:25:48 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG012716.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 05 04:10:17 2016  
Response via : Initial Calibration

Instrument :  
BNA\_G  
Client Sample ID :  
BBG09

Manual Integrations  
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2/5/2016 3:39:17 PM



# Quantitation Report (Qedit)

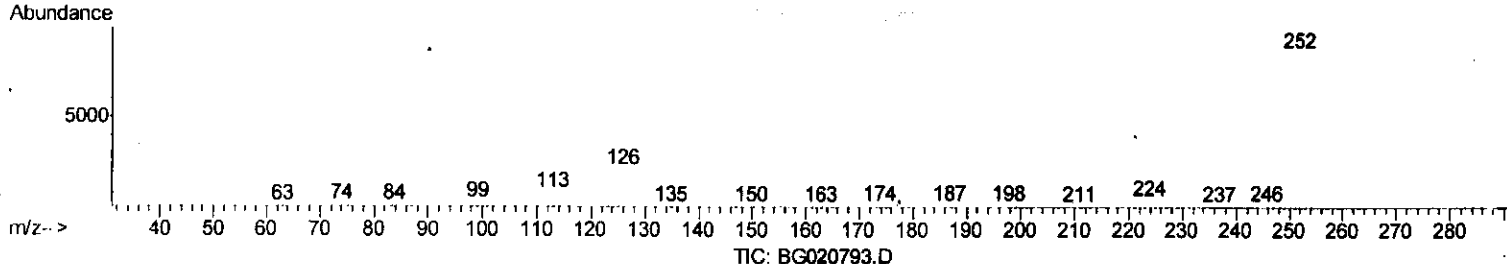
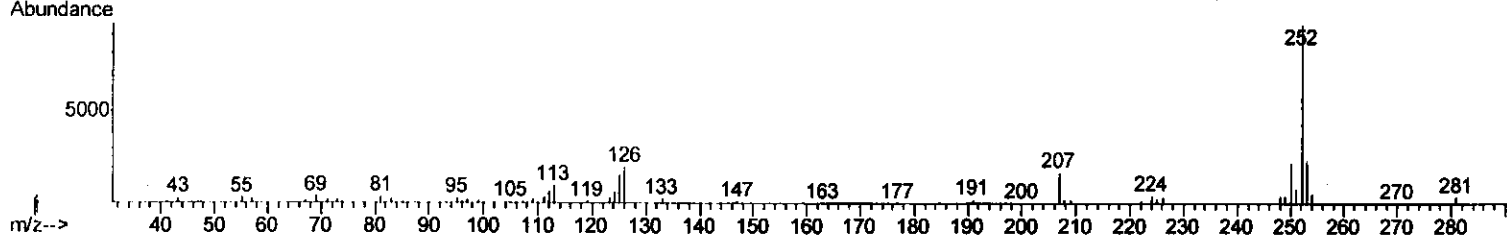
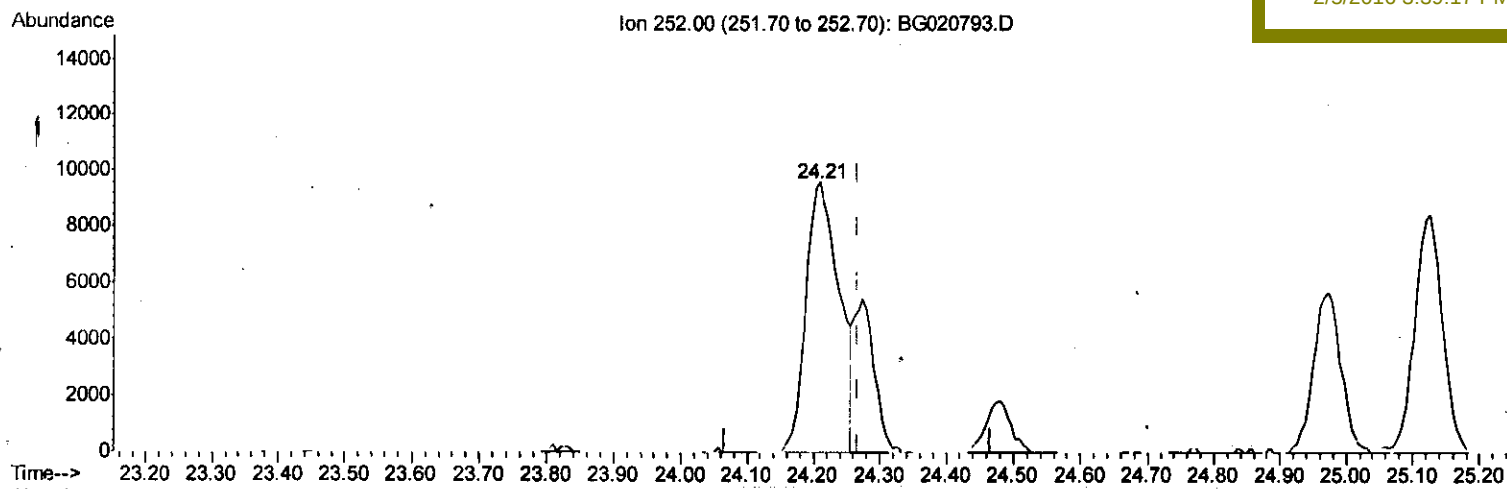
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG020416\  
 Data File : BG020793.D  
 Acq On : 4 Feb 2016 19:08  
 Operator : SJ/IZ  
 Sample : H1334-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 BBG09

Quant Time: Feb 05 04:21:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG012716.M  
 Quant Title : SVOA CALIBRATION  
 Qlast Update : Fri Feb 05 04:10:17 2016  
 Response via : Initial Calibration

Manual Integrations  
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(89) Benzo(k)fluoranthene

24.209min (-0.058) 5.14ng/ul

response 33540

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 25.20  |
| 125.00 | 6.70  | 17.11# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

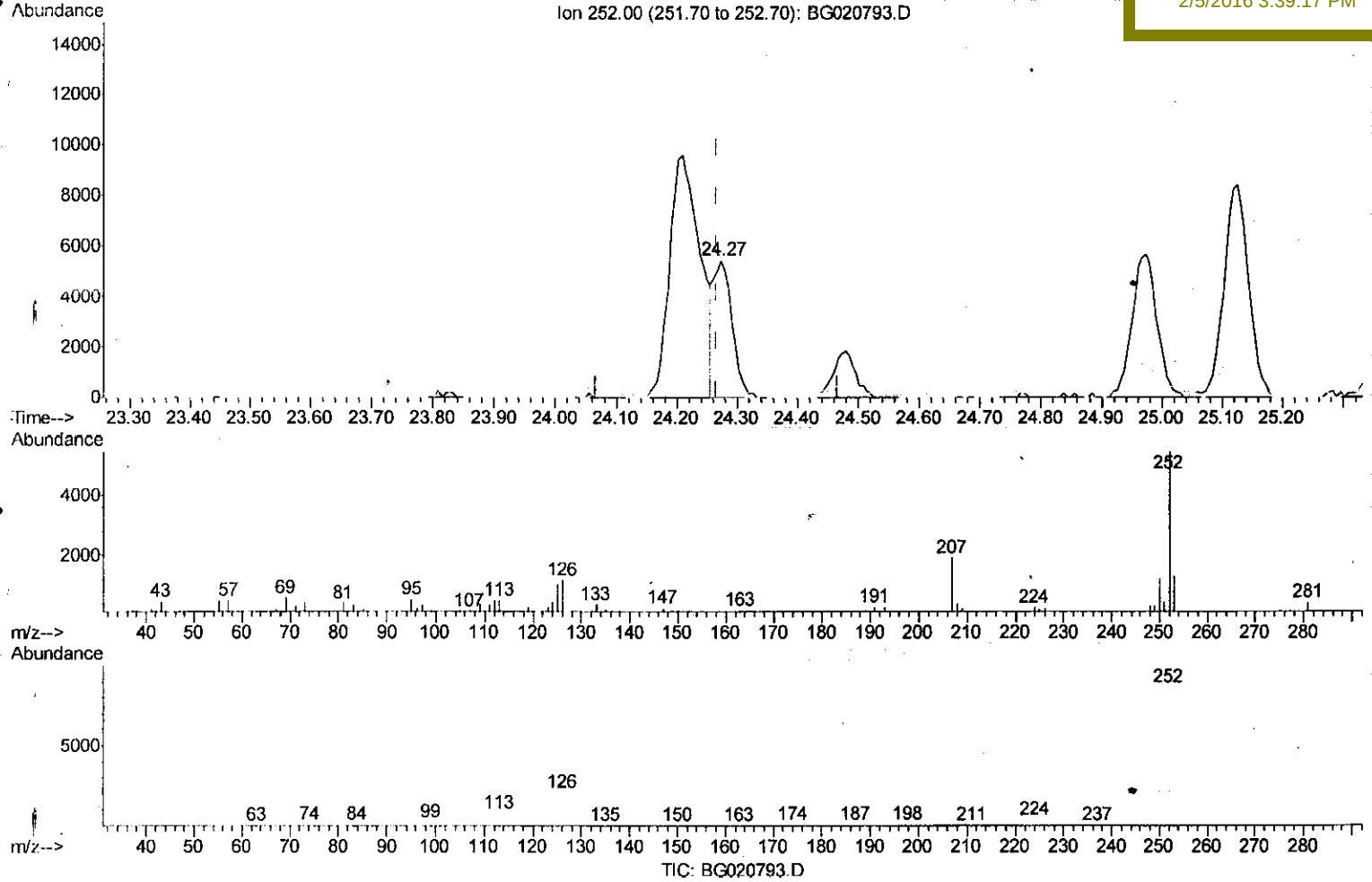
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG020416\  
 Data File : BG020793.D  
 Acq On : 4 Feb 2016 19:08  
 Operator : SJ/IZ  
 Sample : H1334-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 05 04:21:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG012716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 05 04:10:17 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBG09

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(89) Benzo(k)fluoranthene

24.273min (+0.007) 1.75ng/ul m

response 11413

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 24.18  |
| 125.00 | 6.70  | 19.55# |
| 0.00   | 0.00  | 0.00   |

S.J  
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# Quantitation Report (Qedit)

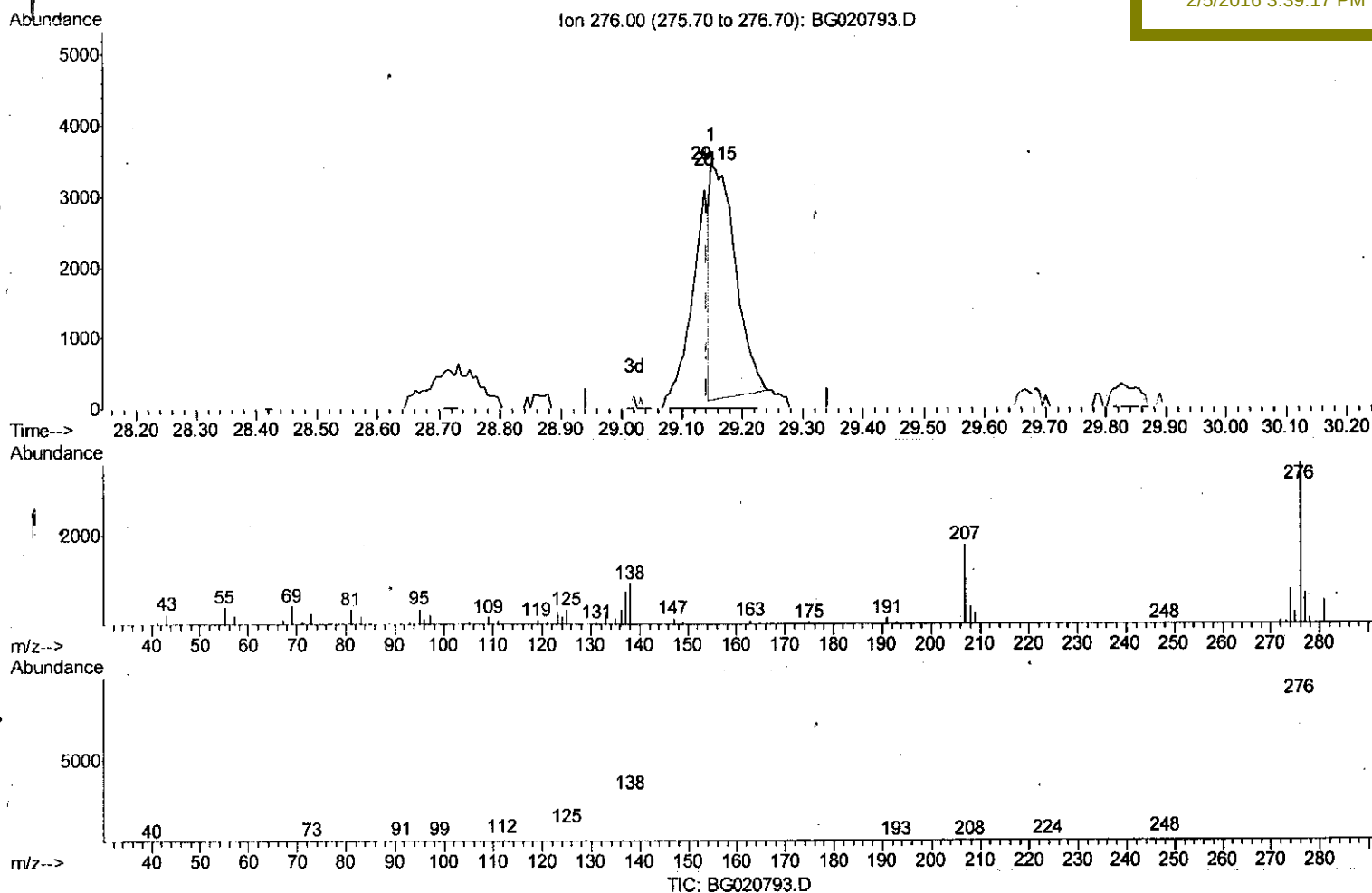
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG020416\  
 Data File : BG020793.D  
 Acq On : 4 Feb 2016 19:08  
 Operator : SJ/IZ  
 Sample : H1334-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 05 04:21:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG012716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 05 04:10:17 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBG09

Manual Integrations  
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(92) Indeno(1,2,3-cd)pyrene

29.149min (+0.007) 1.28ng/ul

response 9521

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 13.60 | 29.02# |
| 277.00 | 23.60 | 22.57  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

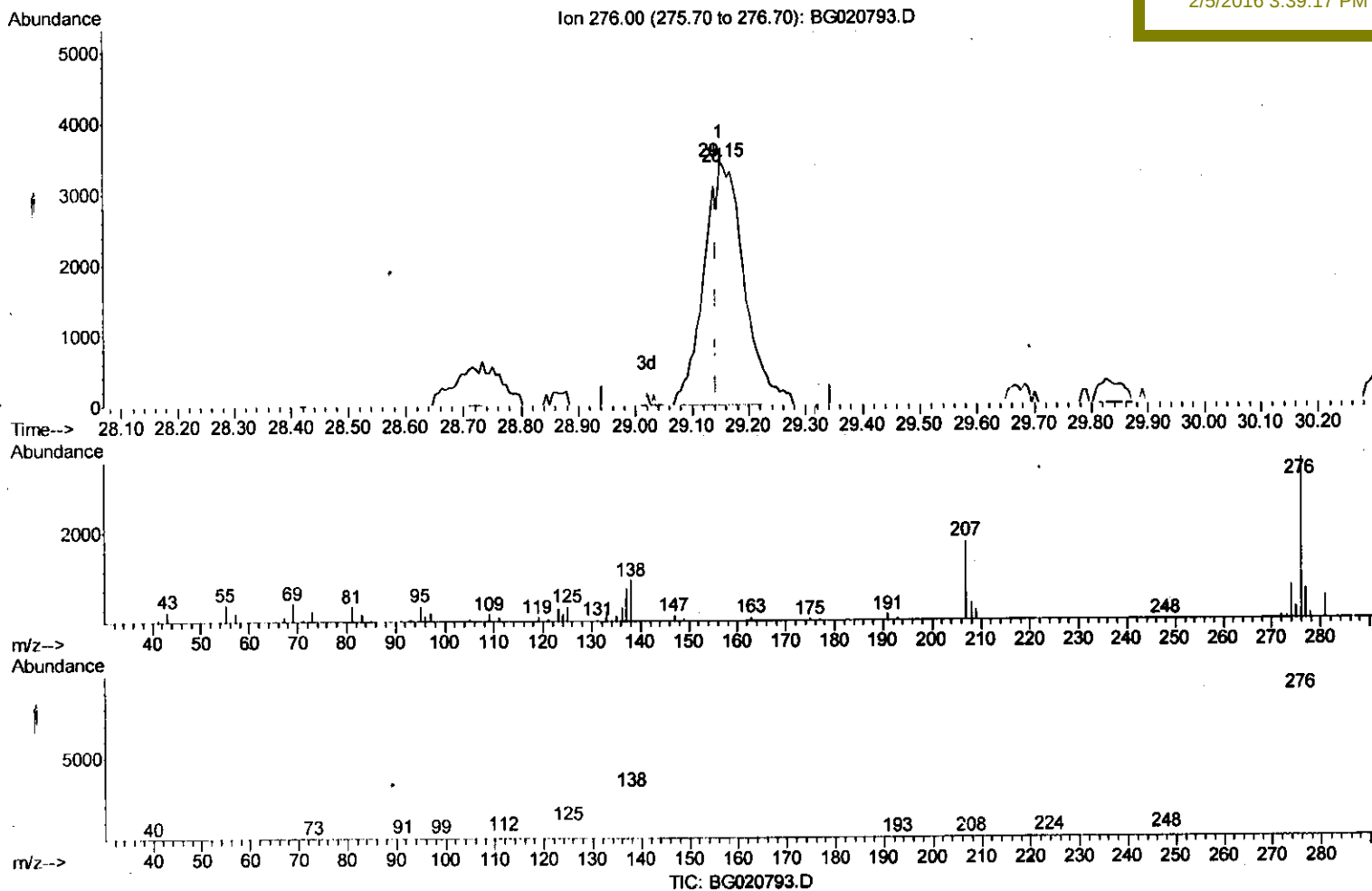
Data Path : %:\HPCHEM1\BNA\_G\Data\BG020416\  
 Data File : BG020793.D  
 Acq On : 4 Feb 2016 19:08  
 Operator : SJ/IZ  
 Sample : H1334-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBG09

Manual Integrations  
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Quant Time: Feb 05 04:21:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG012716.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

29.149min (+0.007) 2.29ng/ul m

response 17056

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| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 13.60 | 29.02# |
| 277.00 | 23.60 | 22.57  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

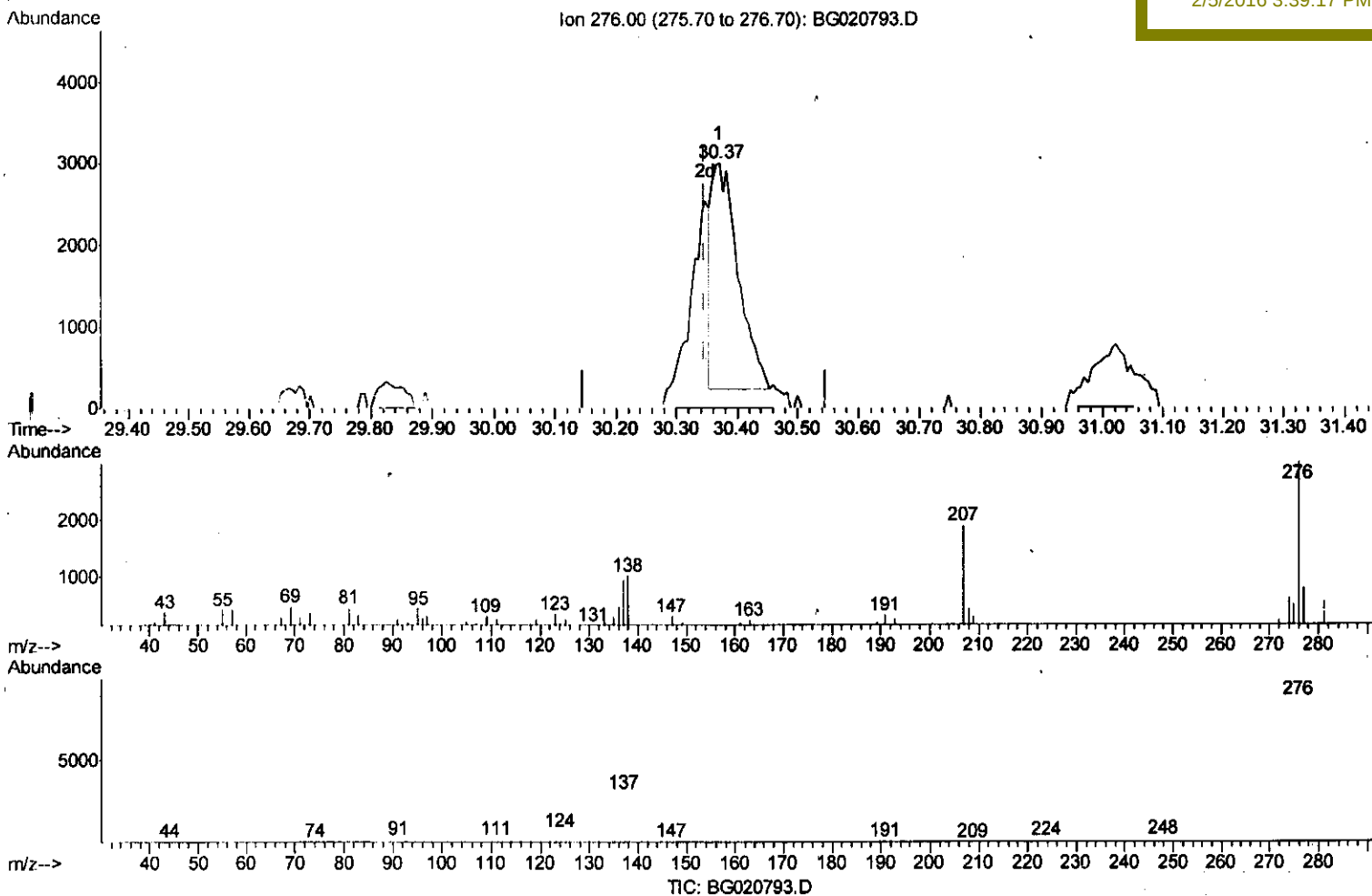
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG020416\  
 Data File : BG020793.D  
 Acq On : 4 Feb 2016 19:08  
 Operator : SJ/LZ  
 Sample : H1334-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBG09

Manual Integrations  
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Quant Time: Feb 05 04:21:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG012716.M  
 Quant Title : SVOA CALIBRATION  
 Qlast Update : Fri Feb 05 04:10:17 2016  
 Response via : Initial Calibration



(94) Benzo(g,h,i)perylene

30.371min (+0.024) 1.35ng/ut

response 8261

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 14.00 | 34.11# |
| 277.00 | 23.80 | 26.26  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

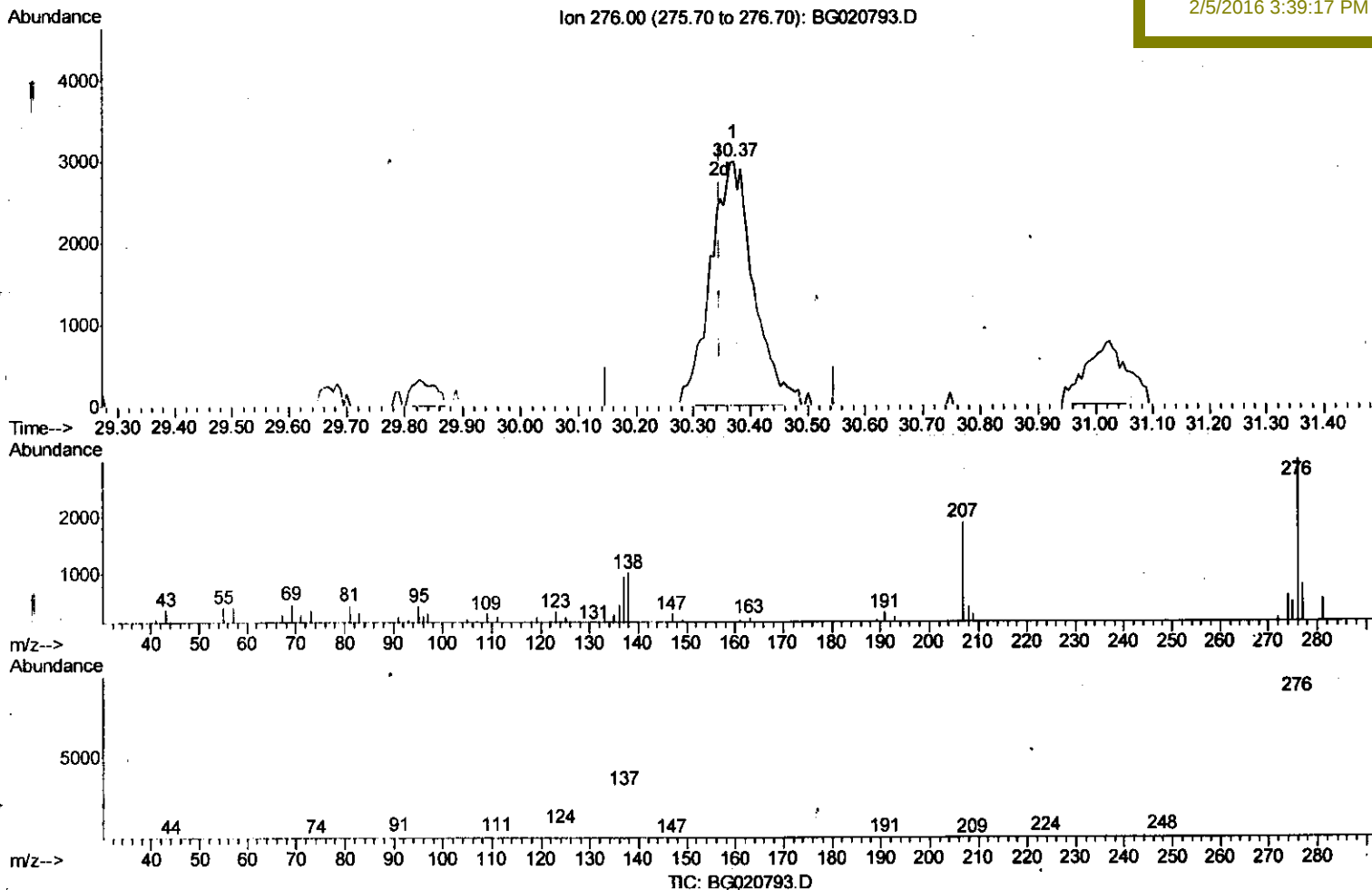
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG020416\  
 Data File : BG020793.D  
 Acq On : 4 Feb 2016 19:08  
 Operator : SJ/IZ  
 Sample : H1334-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 05 04:21:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG012716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 05 04:10:17 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBG09

Manual Integrations  
 APPROVED

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(94) Benzo(g,h,i)perylene

30.371min (+0.024) 2.57ng/ul m S.J  
 response 15701 2/9/16

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 136.00 | 14.00 | 34.11# |
| 277.00 | 23.80 | 26.26  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG020416\  
 Data File : BG020793.D  
 Acq On : 4 Feb 2016 19:08  
 Operator : SJ/12  
 Sample : H1334-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sampled :  
 BBG09

Quant Time: Feb 05 07:25:48 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG012716.M  
 Quant Title : SVOA CALIBRATION  
 Qlast Update : Fri Feb 05 04:10:17 2016  
 Response via : Initial Calibration

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 21265    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.10 | 136  | 108331   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.89 | 164  | 62745    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.62 | 188  | 126555   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.91 | 240  | 105573   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.29 | 264  | 101664   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |       |       |       |      |
|--------------------------------|-------|-----|-------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.61  | 96  | 1025  | 2.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.41  | 99  | 19237 | 8.84  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.59  | 67  | 15704 | 13.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.80  | 132 | 21074 | 12.89 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.97  | 113 | 12849 | 6.84  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.45  | 128 | 11504 | 17.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.17 | 143 | 10097 | 17.42 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.71 | 165 | 20784 | 13.14 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.23 | 131 | 31163 | 14.01 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.28 | 166 | 74743 | 13.95 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.59 | 160 | 98776 | 15.12 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.05 | 143 | 5516  | 5.82  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.87 | 176 | 66092 | 14.11 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 2927  | 7.00  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.72 | 188 | 92597 | 14.88 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.99 | 212 | 87494 | 15.27 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.05 | 264 | 83576 | 15.34 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |        |      |        | Qvalue |
|----------------------------|-------|-----|--------|------|--------|--------|
| 45) Dimethylphthalate      | 14.33 | 163 | 21326  | 3.81 | ng/ul  | 98     |
| 70) Phenanthrene           | 17.66 | 178 | 66194  | 8.33 | ng/ul  | 99     |
| 72) Anthracene             | 17.76 | 178 | 11404  | 1.43 | ng/ul  | 98     |
| 77) Fluoranthene           | 19.66 | 202 | 77962  | 9.55 | ng/ul# | 83     |
| 80) Pyrene                 | 20.01 | 202 | 68985  | 8.64 | ng/ul# | 75     |
| 83) Benzo(a)anthracene     | 21.88 | 228 | 28253  | 4.15 | ng/ul  | 99     |
| 85) Chrysene               | 21.95 | 228 | 28174  | 4.46 | ng/ul  | 98     |
| 88) Benzo(b)fluoranthene   | 24.21 | 252 | 33540  | 5.04 | ng/ul# | 87     |
| 89) Benzo(k)fluoranthene   | 24.27 | 252 | 11413m | 1.75 | ng/ul  |        |
| 91) Benzo(a)pyrene         | 25.13 | 252 | 24122  | 3.79 | ng/ul# | 90     |
| 92) Indeno(1,2,3-cd)pyrene | 29.15 | 276 | 17056m | 2.29 | ng/ul  |        |
| 94) Benzo(g,h,i)perylene   | 30.37 | 276 | 15701m | 2.57 | ng/ul  |        |

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