

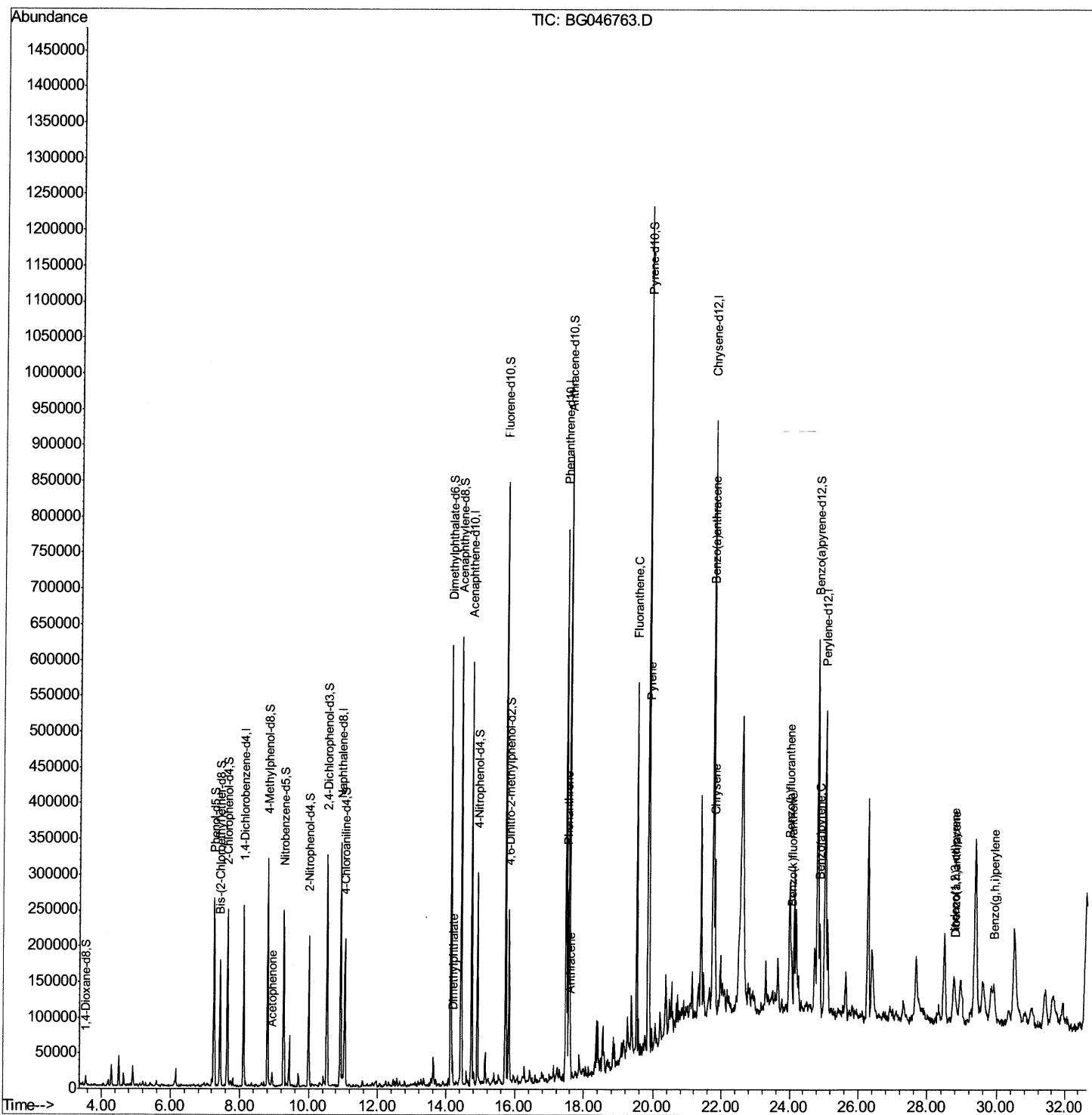
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
Data File : BG046763.D  
Acq On : 3 Oct 2020 9:08  
Operator : CG/JU  
Sample : L4150-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7J5

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:19:42 AM

Quant Time: Oct 05 00:28:37 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 02 10:06:22 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

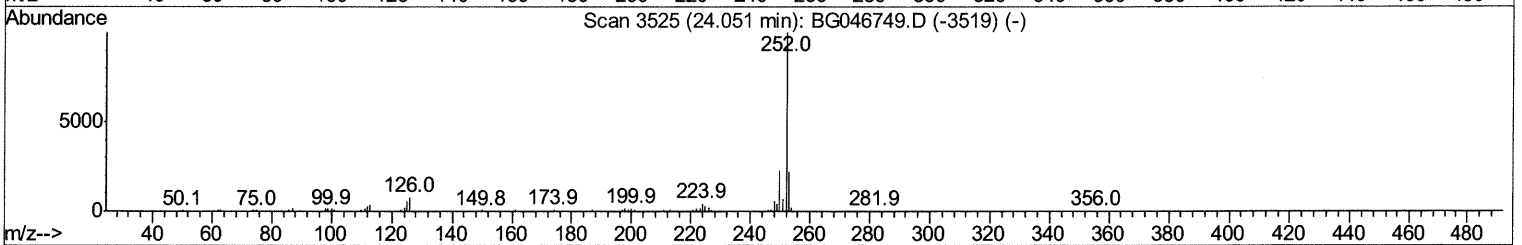
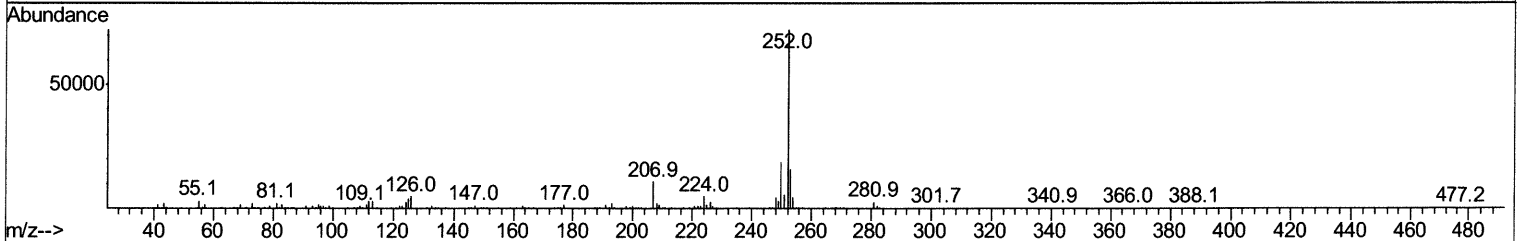
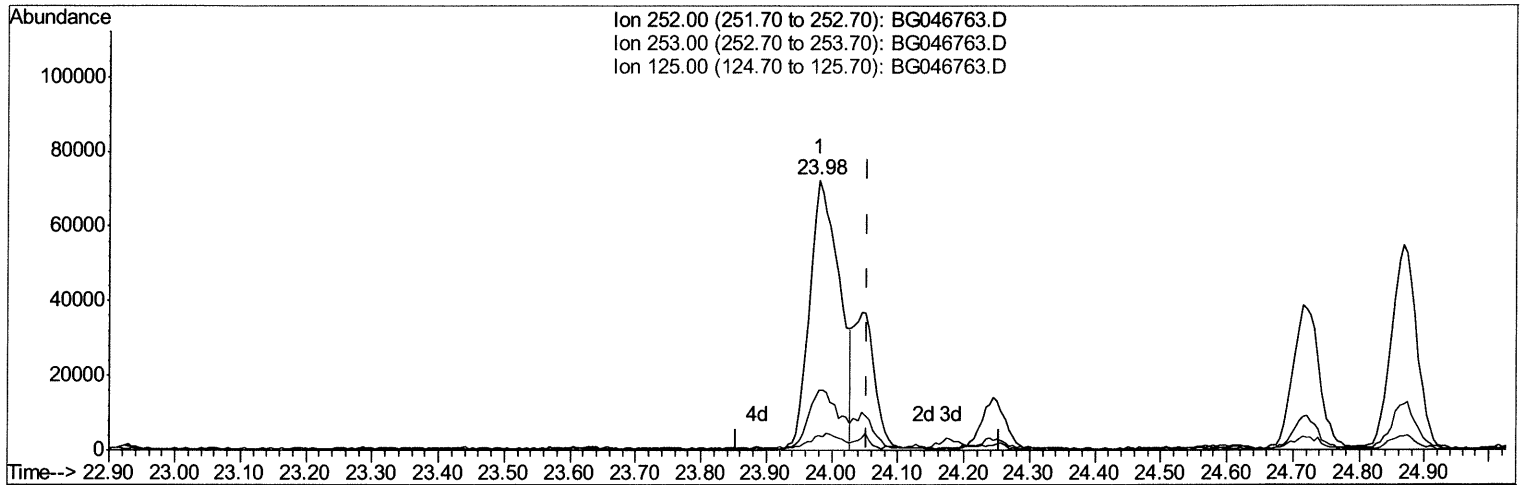
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 Data File : BG046763.D  
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TIC: BG046763.D

(89) Benzo(k)fluoranthene  
 23.980min (-0.074) 7.47ng/ul  
 response 231413  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 22.12 |
| 125.00 | 6.00  | 5.65  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

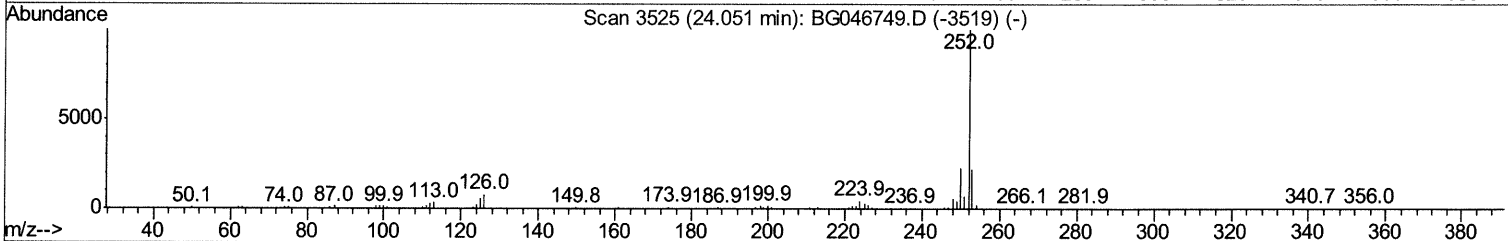
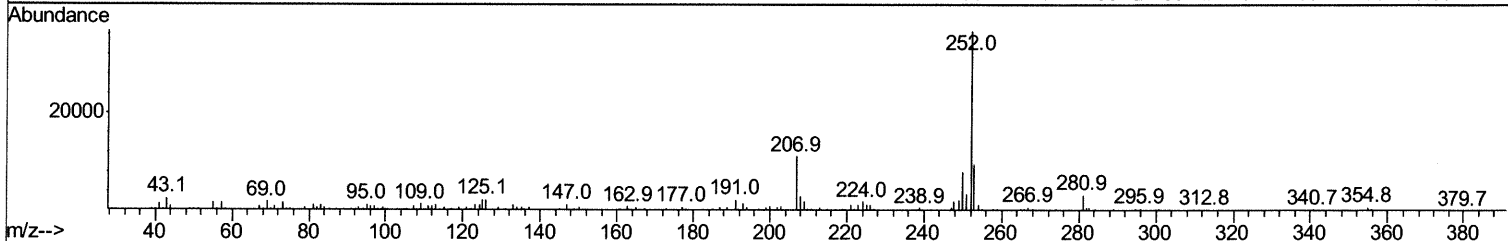
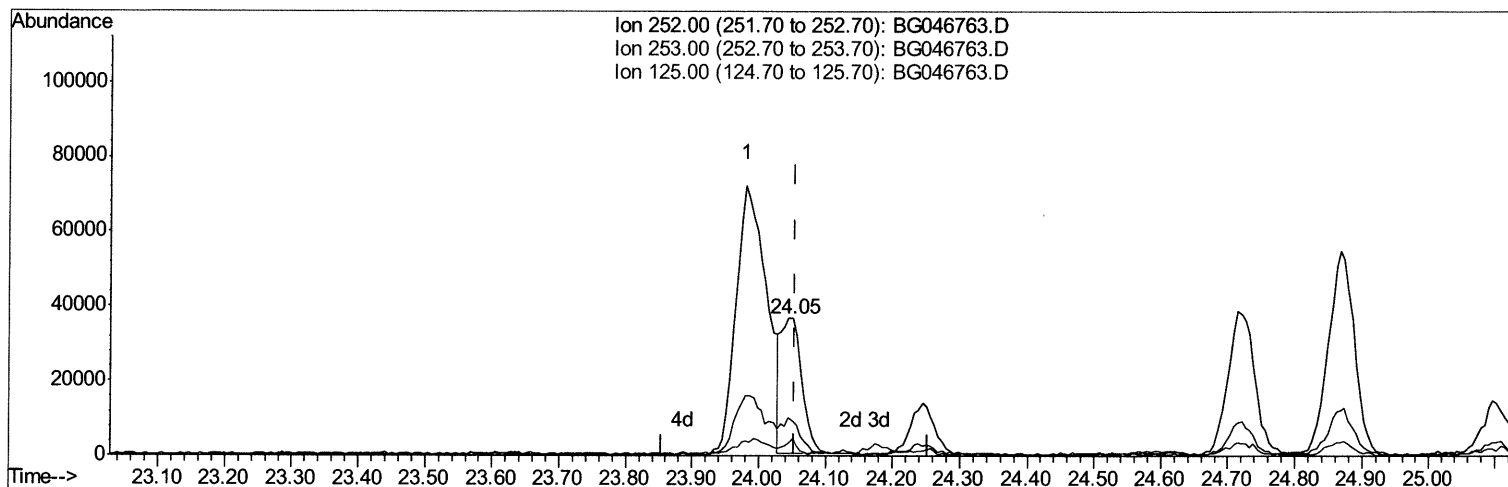
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
 Data File : BG046763.D  
 Acq On : 3 Oct 2020 9:08  
 Operator : CG/JU  
 Sample : L4150-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB7J5

Manual Integrations  
 APPROVED

mohammad  
 10/5/2020 10:19:42 AM

Quant Time: Oct 05 00:22:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



TIC: BG046763.D

(89) Benzo(k)fluoranthene

24.051min (-0.004) 2.56ng/ul m 10/06/20 JU

response 79383

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 25.48 |
| 125.00 | 6.00  | 6.09  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

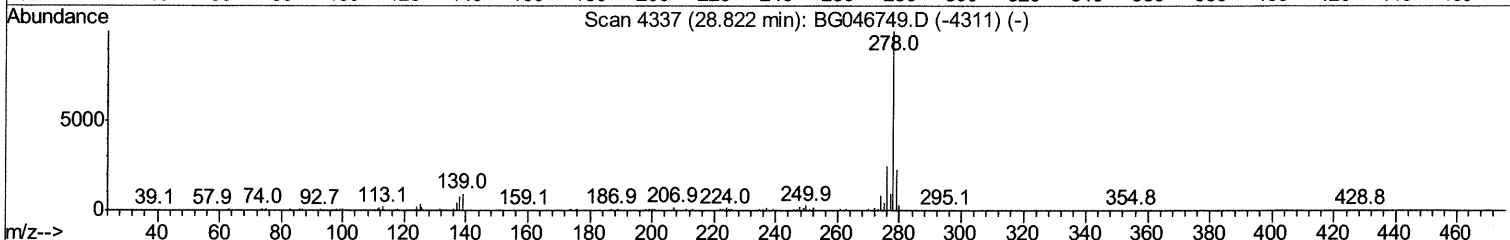
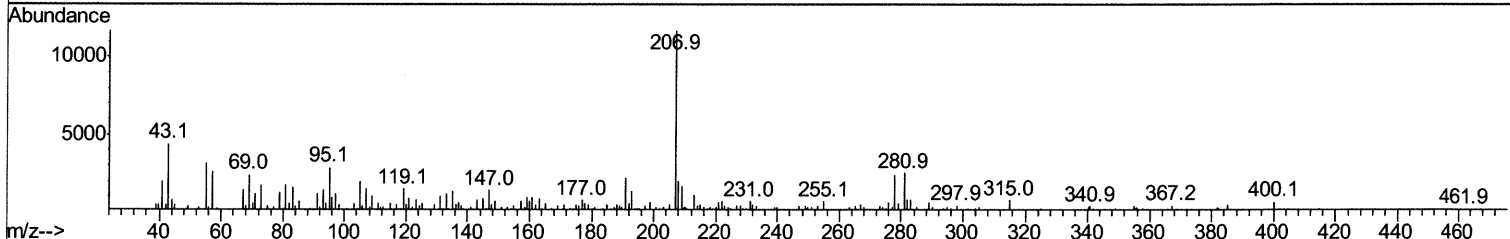
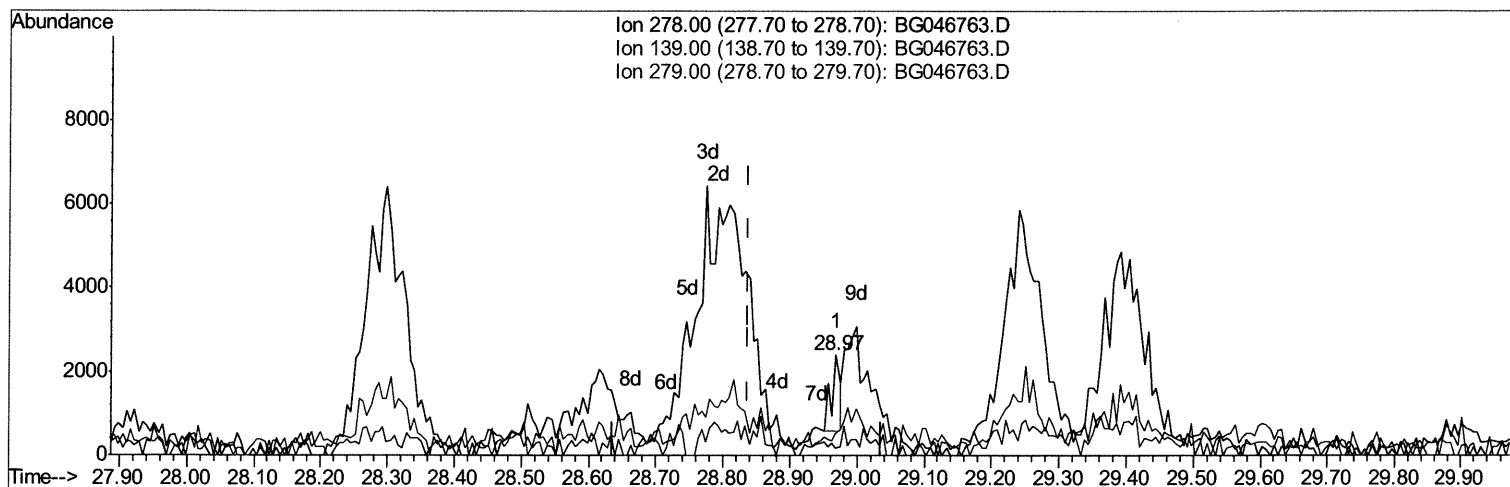
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
 Data File : BG046763.D  
 Acq On : 3 Oct 2020 9:08  
 Operator : CG/JU  
 Sample : L4150-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB7J5

Manual Integrations  
 APPROVED

mohammad  
 10/5/2020 10:19:42 AM

Quant Time: Oct 05 00:26:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
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 Response via : Initial Calibration



TIC: BG046763.D

(93) Dibenzo(a,h)anthracene

28.968min (+0.132) 0.05ng/ul

response 1564

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 9.00  | 7.78  |
| 279.00 | 22.20 | 22.13 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

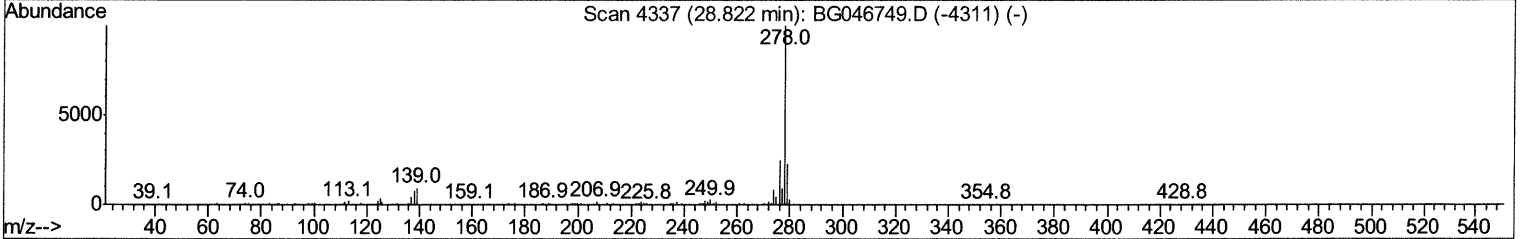
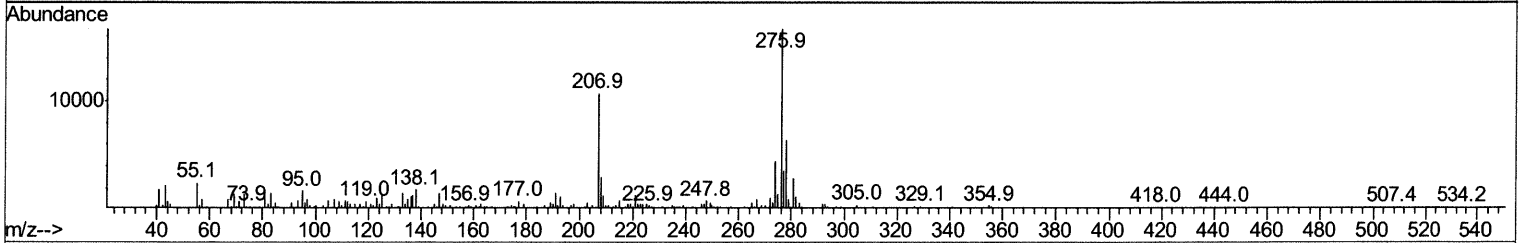
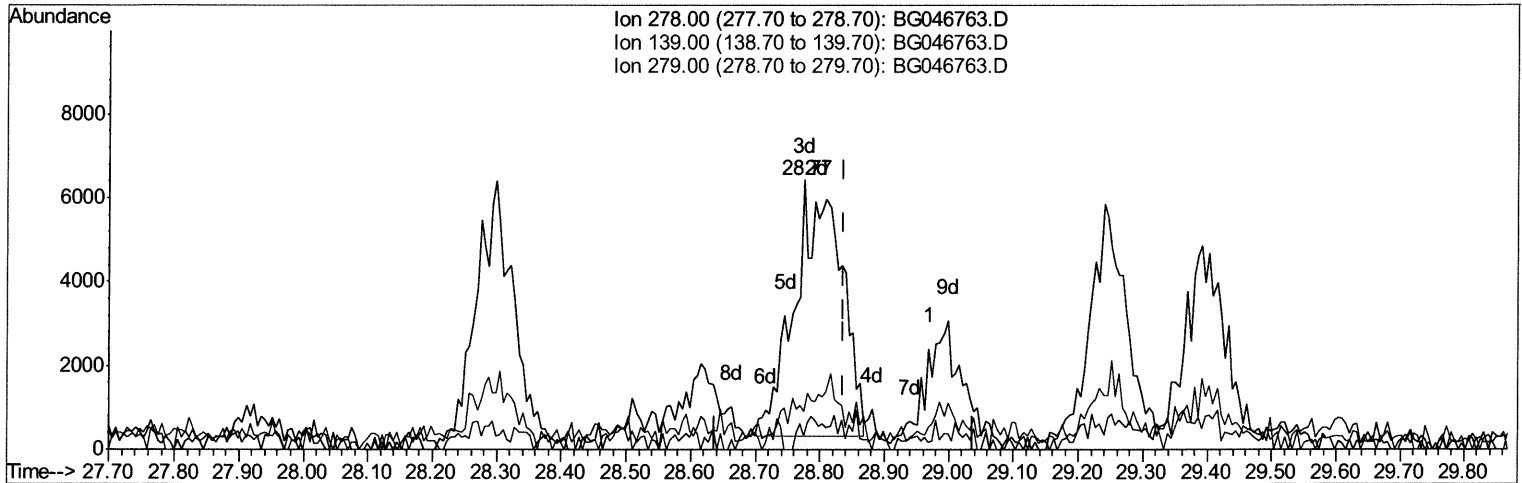
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
 Data File : BG046763.D  
 Acq On : 3 Oct 2020 9:08  
 Operator : CG/JU  
 Sample : L4150-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 CB7J5

**Manual Integrations**  
**APPROVED**

mohammad  
 10/5/2020 10:19:42 AM

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 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



TIC: BG046763.D

(93) Dibenzo(a,h)anthracene

28.775min (-0.062) 1.04ng/ul m 10/06/2020

response 30771

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 9.00  | 4.80#  |
| 279.00 | 22.20 | 13.97# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

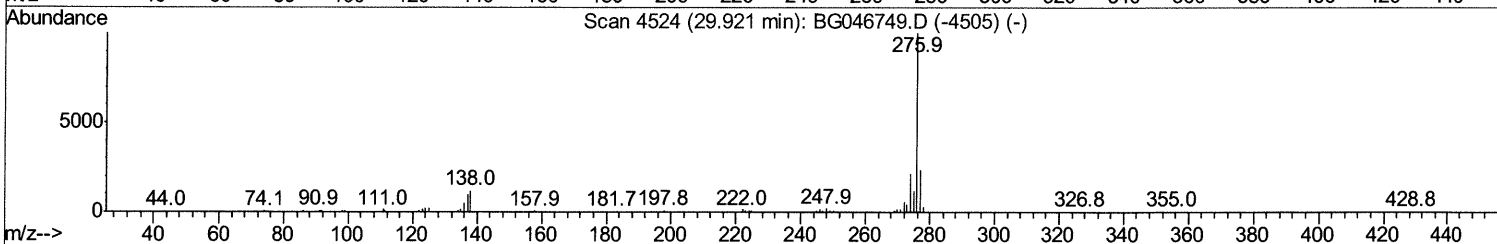
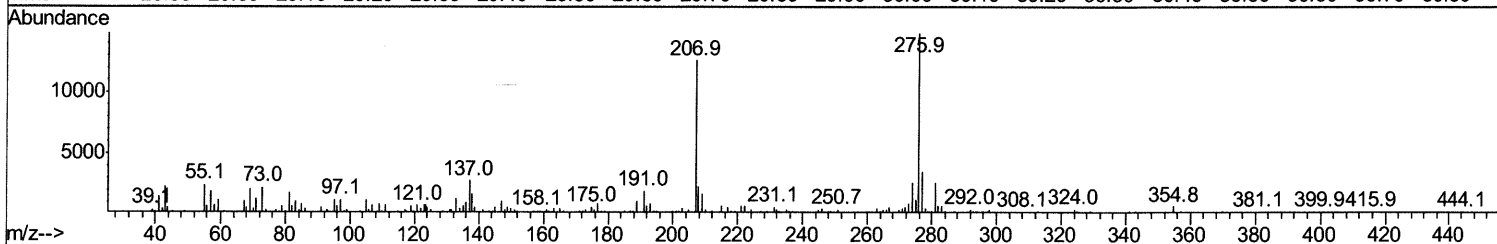
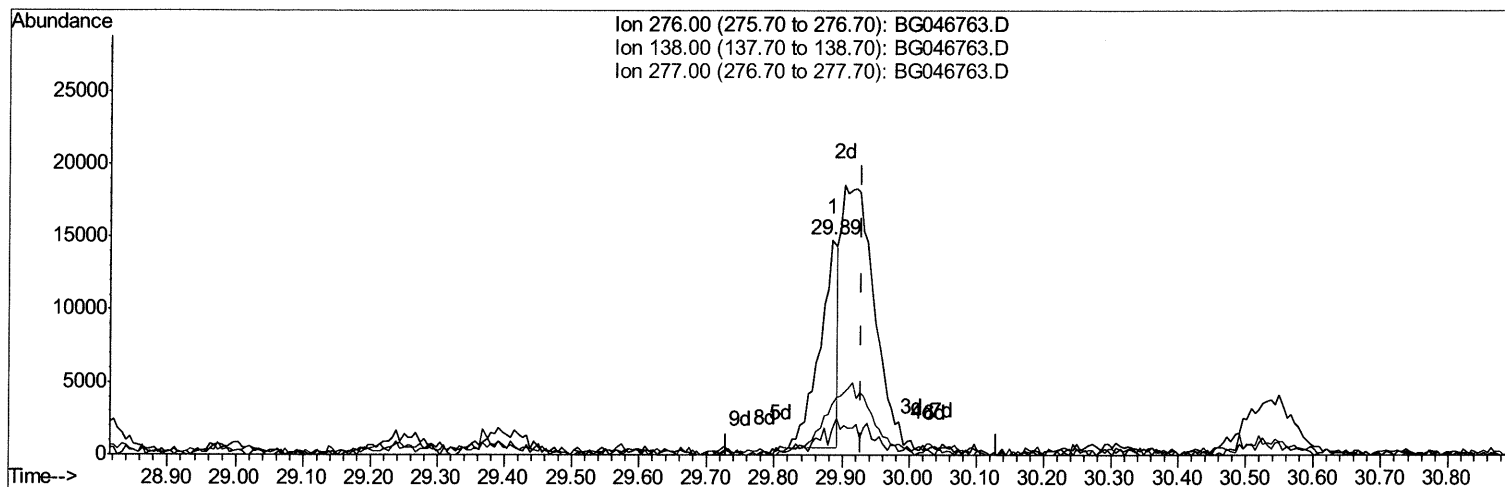
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
Data File : BG046763.D  
Acq On : 3 Oct 2020 9:08  
Operator : CG/JU  
Sample : L4150-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7J5

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:19:42 AM

Quant Time: Oct 05 00:27:26 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 02 10:06:22 2020  
Response via : Initial Calibration



TIC: BG046763.D

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

29.885min (-0.045) 0.88ng/ul

response 26114

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 12.80 | 15.13 |
| 277.00 | 23.80 | 23.29 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

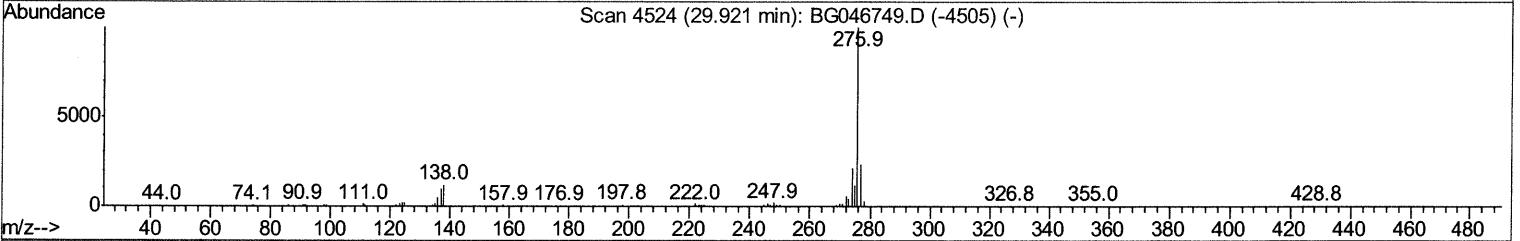
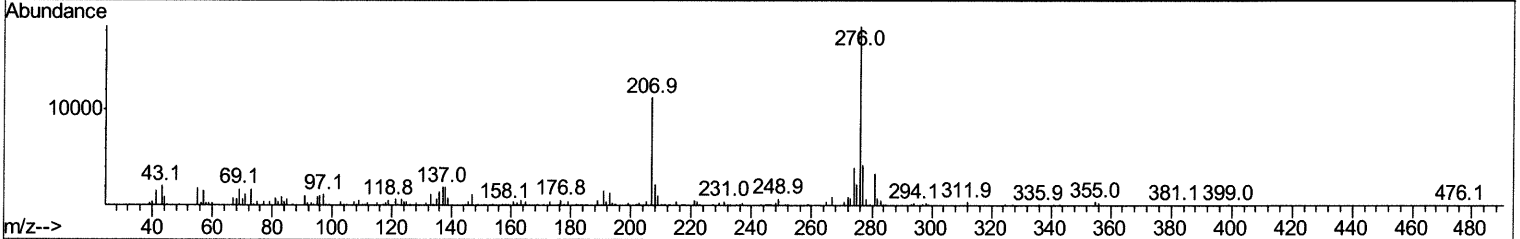
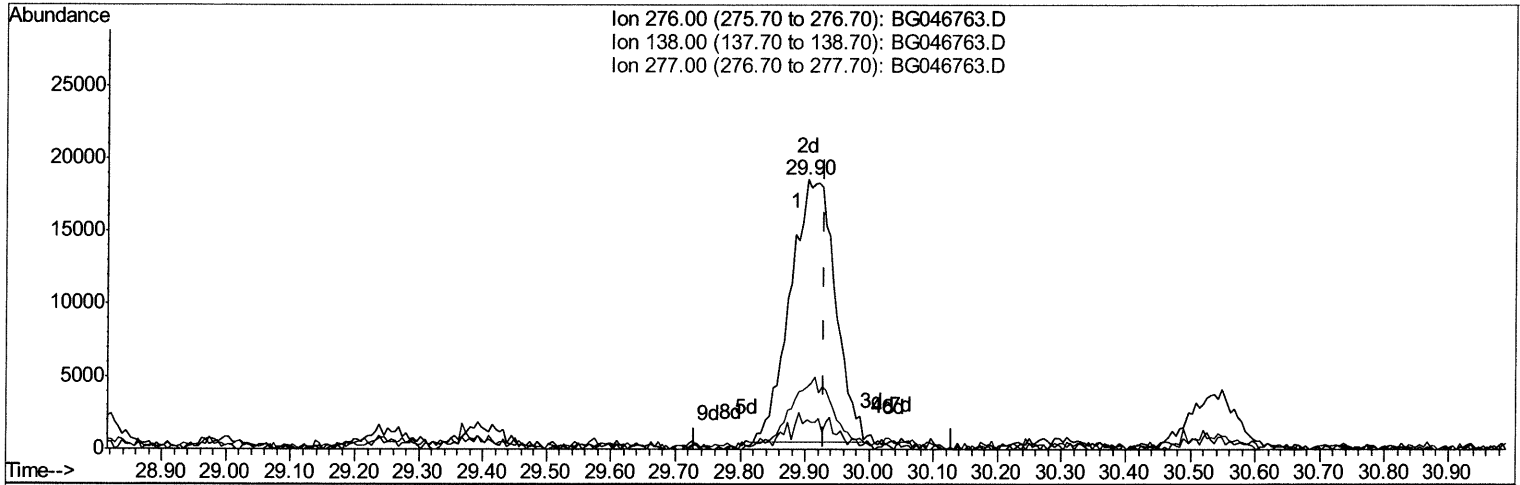
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
 Data File : BG046763.D  
 Acq On : 3 Oct 2020 9:08  
 Operator : CG/JU  
 Sample : L4150-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB7J5

Manual Integrations  
 APPROVED

mohammad  
 10/5/2020 10:19:42 AM

Quant Time: Oct 05 00:27:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



TIC: BG046763.D

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

29.903min (-0.027) 2.94ng/ul m 10/06/20 JU

response 87680

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 12.80 | 10.93 |
| 277.00 | 23.80 | 23.05 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
 Data File : BG046763.D  
 Acq On : 3 Oct 2020 9:08  
 Operator : CG/JU  
 Sample : L4150-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB7J5

Manual Integrations  
 APPROVED

mohammad  
 10/5/2020 10:19:42 AM

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 QLast Update : Fri Oct 02 10:06:22 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 69291    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.92 | 136  | 275843   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.73 | 164  | 202804   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.48 | 188  | 469807   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.75 | 240  | 473611   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.02 | 264  | 481538   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 6770   | 4.80  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.25  | 99  | 138515 | 23.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 85398  | 23.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 103922 | 24.00 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.80  | 113 | 110591 | 23.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.27  | 128 | 54924  | 26.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.99  | 143 | 62326  | 29.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.53 | 165 | 124435 | 25.21 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.05 | 131 | 105409 | 17.97 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.13 | 166 | 400948 | 25.87 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.43 | 160 | 445917 | 24.23 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.90 | 143 | 64451  | 24.40 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.73 | 176 | 347281 | 24.31 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 56108  | 23.90 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.58 | 188 | 486767 | 22.58 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.86 | 212 | 604868 | 24.61 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.80 | 264 | 603553 | 23.25 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue |             |
|----------------------------|-------|-----|---------|--------|--------|-------------|
| 14) Acetophenone           | 8.93  | 105 | 11116   | 1.478  | ng/ul  | 90          |
| 45) Dimethylphthalate      | 14.17 | 163 | 25362   | 1.617  | ng/ul# | 96          |
| 70) Phenanthrene           | 17.52 | 178 | 167816  | 6.534  | ng/ul  | 99          |
| 72) Anthracene             | 17.61 | 178 | 30811   | 1.184  | ng/ul  | 99          |
| 77) Fluoranthene           | 19.52 | 202 | 331465  | 10.868 | ng/ul  | 100         |
| 80) Pyrene                 | 19.88 | 202 | 277452  | 9.114  | ng/ul  | 99          |
| 83) Benzo(a)anthracene     | 21.73 | 228 | 183436  | 5.919  | ng/ul  | 100         |
| 85) Chrysene               | 21.79 | 228 | 166482  | 5.538  | ng/ul  | 98          |
| 88) Benzo(b)fluoranthene   | 23.98 | 252 | 231413  | 7.285  | ng/ul  | 99          |
| 89) Benzo(k)fluoranthene   | 24.05 | 252 | 79383m> | 2.564  | ng/ul> | 10/06/20 JU |
| 91) Benzo(a)pyrene         | 24.87 | 252 | 150709  | 5.194  | ng/ul  | 100         |
| 92) Indeno(1,2,3-cd)pyrene | 28.75 | 276 | 108981  | 3.061  | ng/ul  | 97          |
| 93) Dibenzo(a,h)anthracene | 28.77 | 278 | 30771m3 | 1.043  | ng/ul  |             |
| 94) Benzo(a,h,i)perylene   | 29.90 | 276 | 87680m3 | 2.940  | ng/ul3 | 10/06/20 JU |

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