

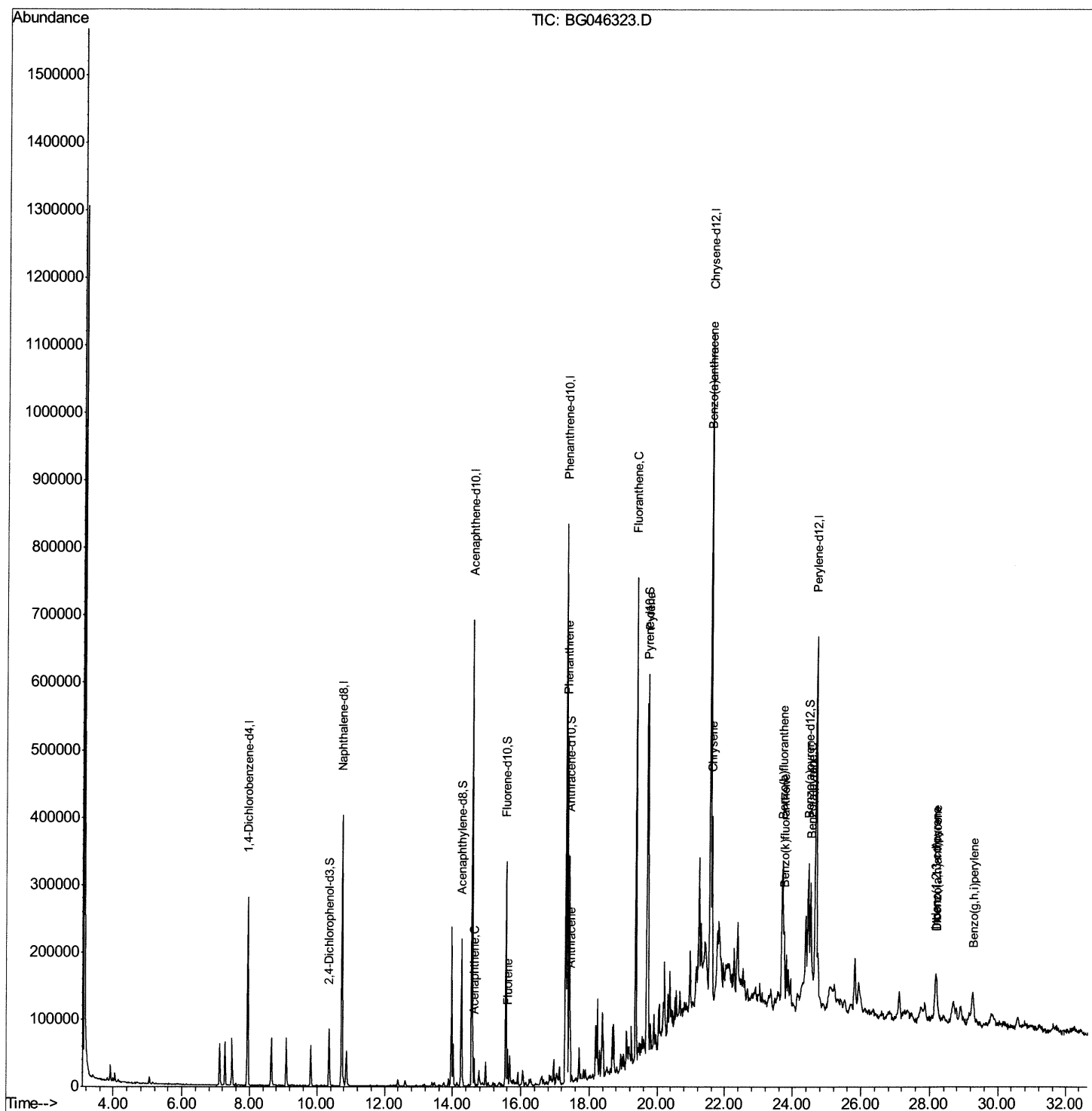
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
Data File : BG046323.D  
Acq On : 18 Aug 2020 11:47  
Operator : CG/JU  
Sample : L3636-01  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BFMJ7

Manual Integrations  
APPROVED

mohammad  
8/19/2020 2:16:41 PM

Quant Time: Aug 18 12:40:46 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 13 13:50:19 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

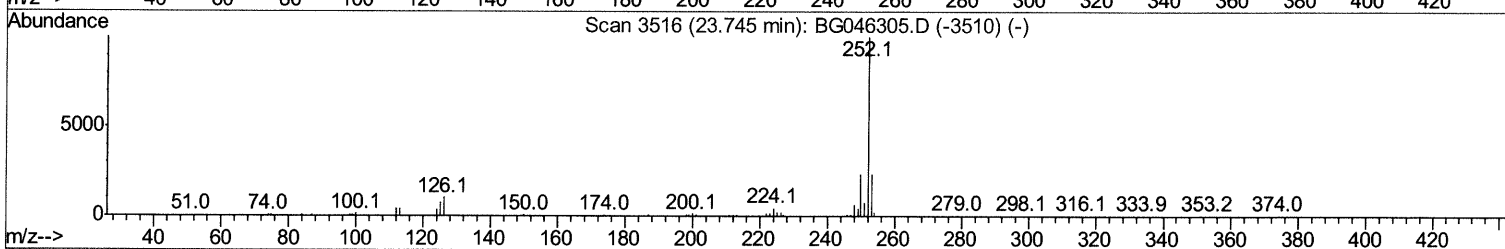
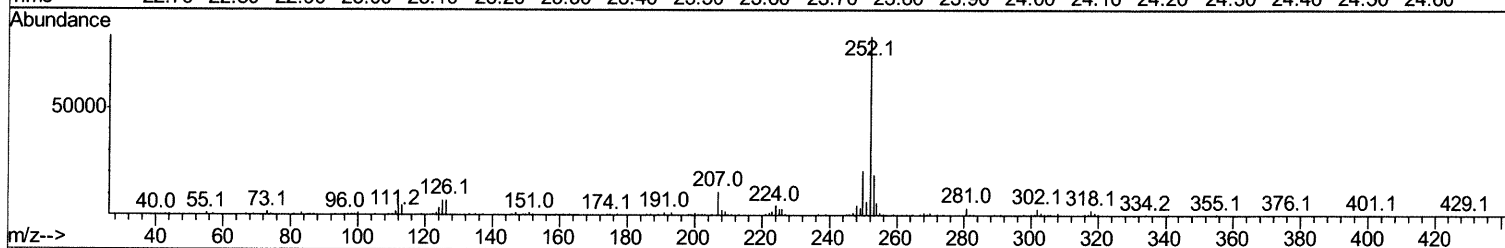
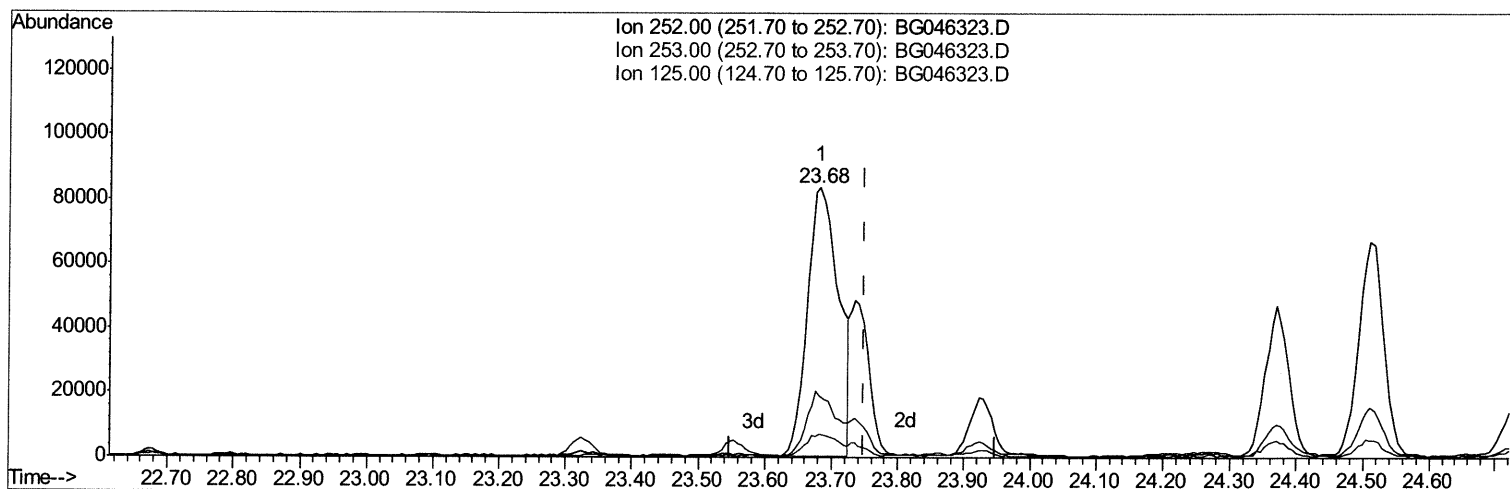
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Instrument :  
BNA\_G  
ClientSampled :  
BFMJ7

Manual Integrations  
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Quant Time: Aug 18 12:39:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 13 13:50:19 2020  
Response via : Initial Calibration



TIC: BG046323.D

(25) Benzo(k)fluoranthene

23.682min (-0.066) 7.18ng/ui

response 270882

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 22.82 |
| 125.00 | 7.70  | 8.73  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

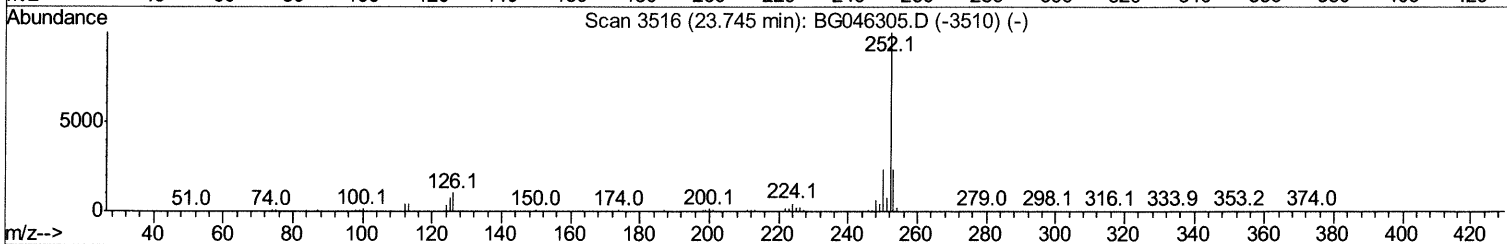
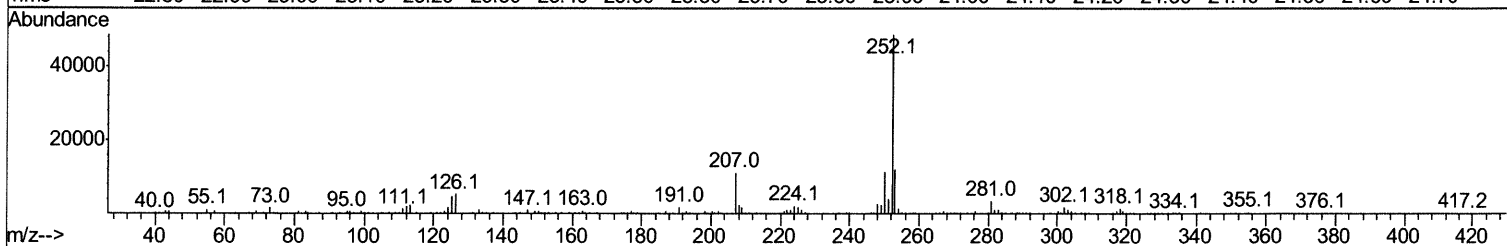
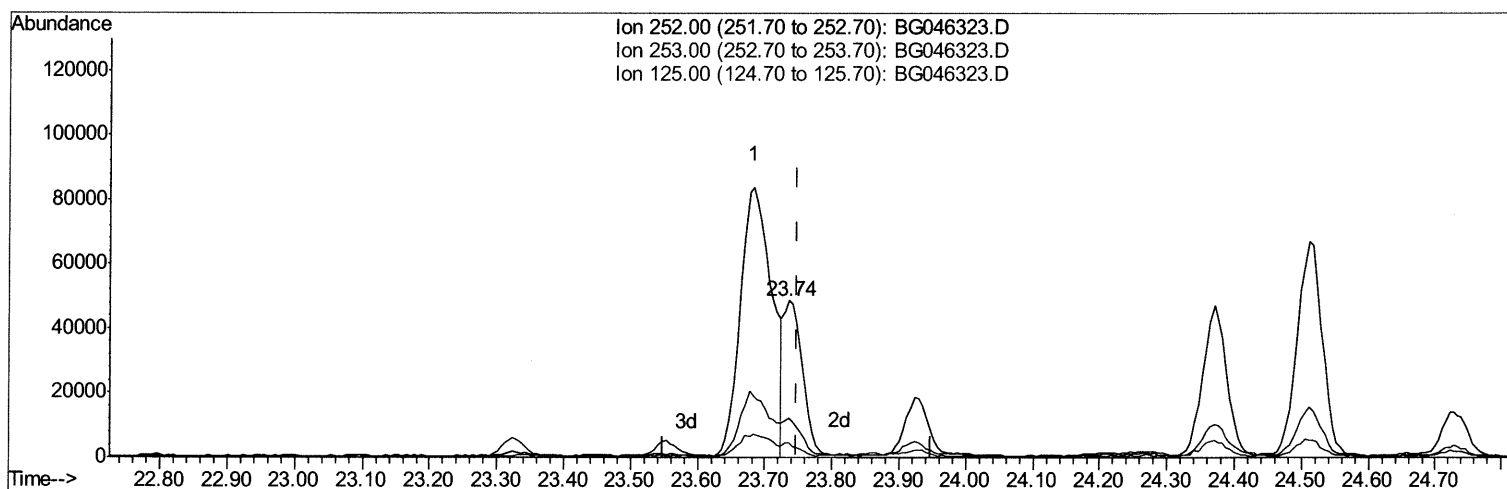
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
Data File : BG046323.D  
Acq On : 18 Aug 2020 11:47  
Operator : CG/JU  
Sample : L3636-01  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BFMJ7

Manual Integrations  
APPROVED

mohammad  
8/19/2020 2:16:41 PM

Quant Time: Aug 18 12:39:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration



TIC: BG046323.D

(25) Benzo(k)fluoranthene

23.735min (-0.013) 2.52ng/ul m 08/20/20 JU

response 94997

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 25.01 |
| 125.00 | 7.70  | 9.59# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

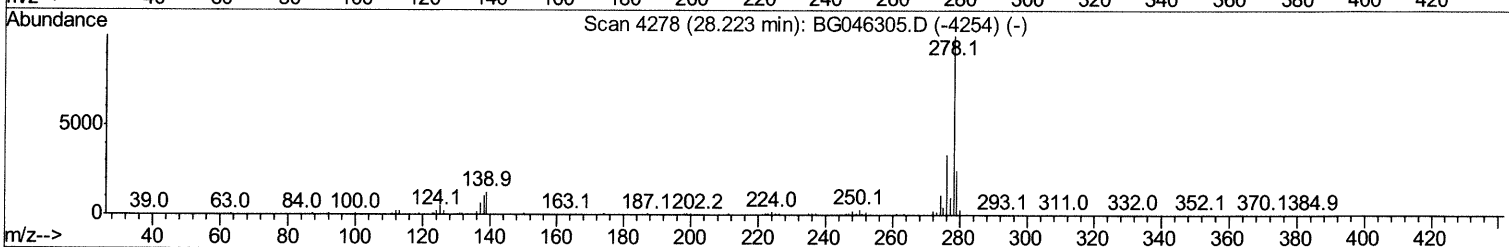
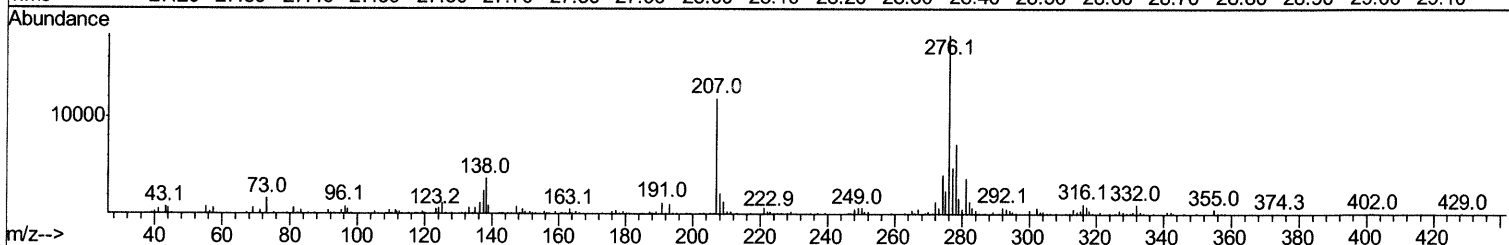
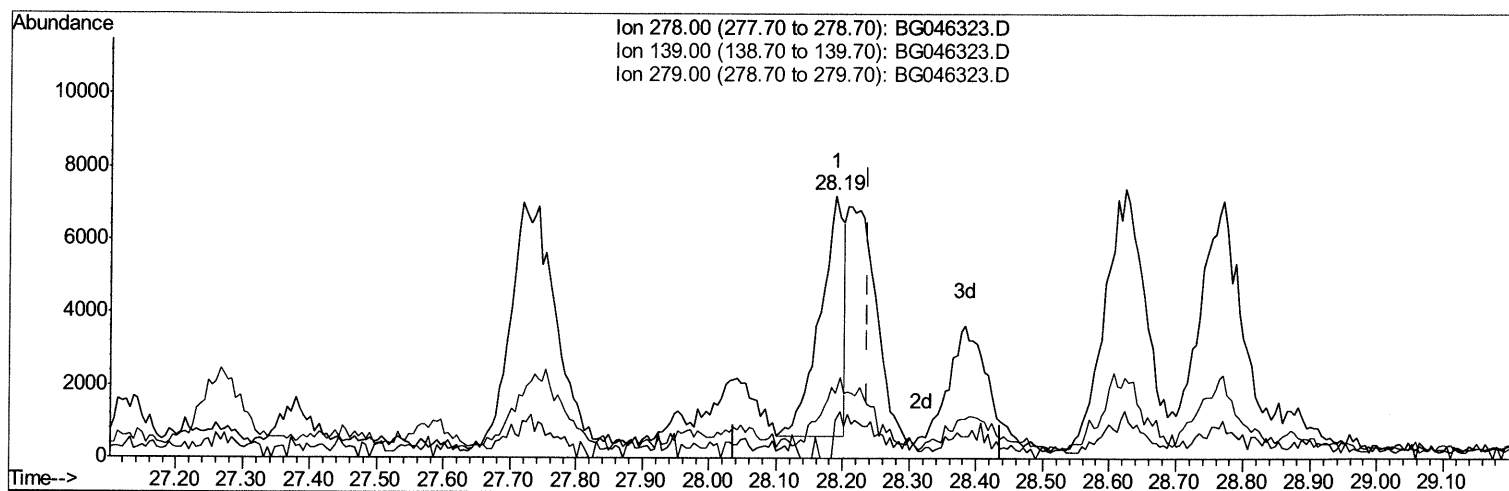
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
Data File : BG046323.D  
Acq On : 18 Aug 2020 11:47  
Operator : CG/JU  
Sample : L3636-01  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BFMJ7

Manual Integrations  
APPROVED

mohammad  
8/19/2020 2:16:41 PM

Quant Time: Aug 18 12:39:56 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 13 13:50:19 2020  
Response via : Initial Calibration



TIC: BG046323.D

(29) Dibenzo(a,h)anthracene

28.189min (-0.048) 0.46ng/ul

response 16459

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 12.30 | 14.38 |
| 279.00 | 24.60 | 24.80 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

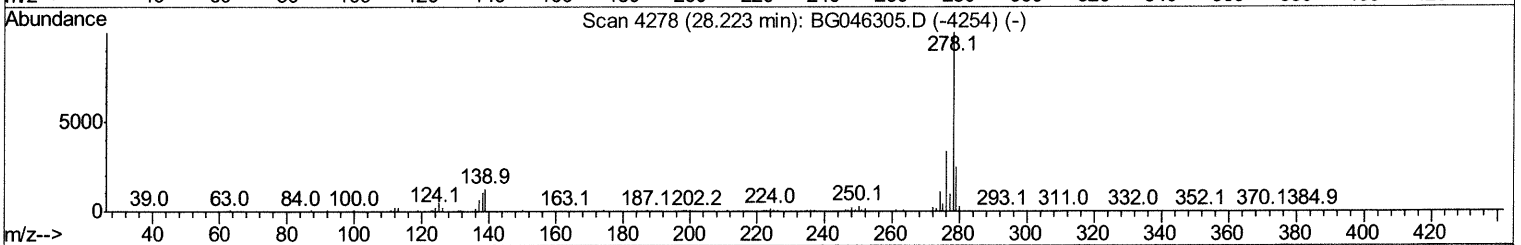
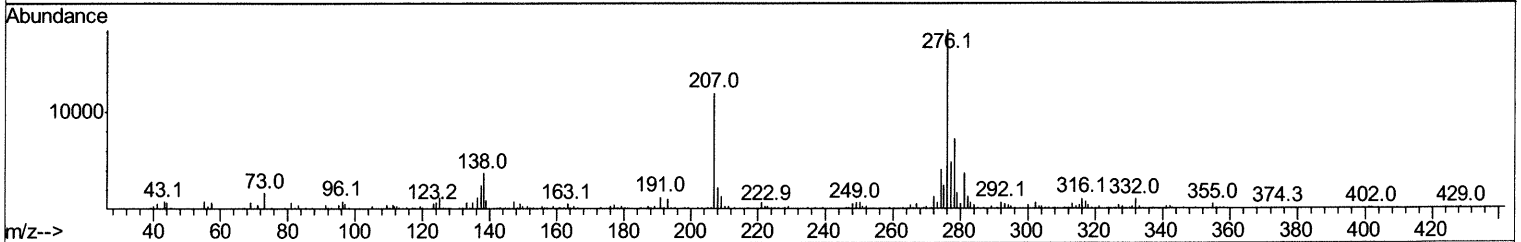
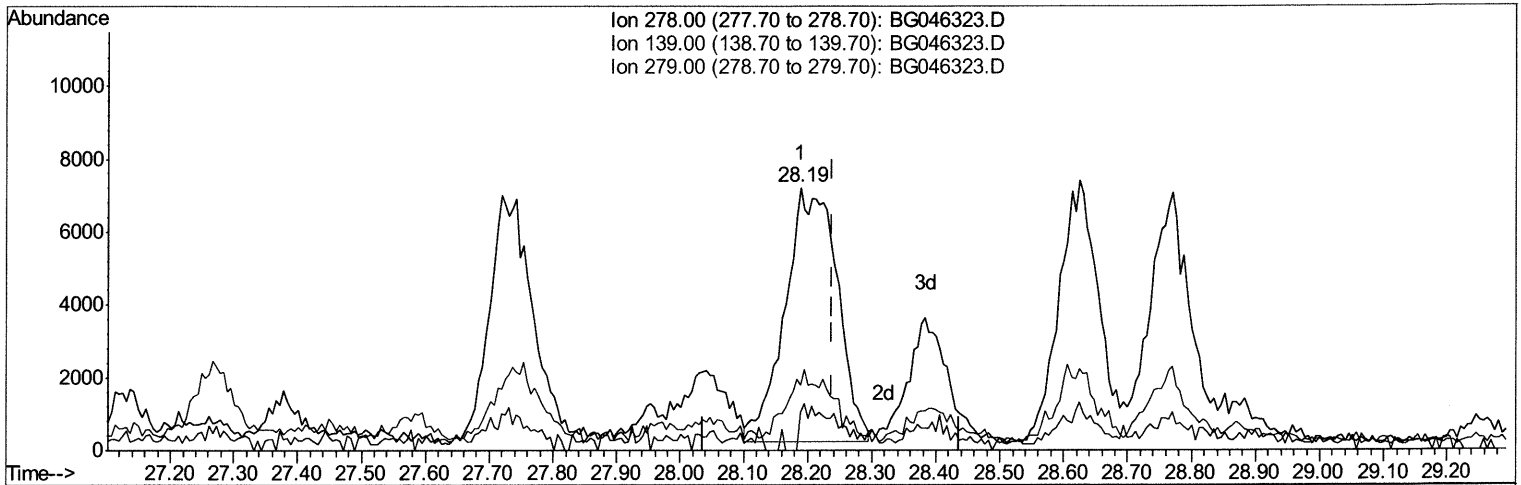
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
 Data File : BG046323.D  
 Acq On : 18 Aug 2020 11:47  
 Operator : CG/JU  
 Sample : L3636-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BFMJ7

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 2:16:41 PM

Quant Time: Aug 18 12:39:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 13 13:50:19 2020  
 Response via : Initial Calibration



TIC: BG046323.D

(29) Dibenzo(a,h)anthracene

28.189min (-0.048) 1.11ng/ul m 08/20/20 JU

response 39484

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 12.30 | 14.38 |
| 279.00 | 24.60 | 24.80 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
 Data File : BG046323.D  
 Acq On : 18 Aug 2020 11:47  
 Operator : CG/JU  
 Sample : L3636-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BFMJ7

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 2:16:41 PM

Quant Time: Aug 18 12:40:46 2020  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 13 13:50:19 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.94  | 152  | 90125    | 20.00 | ng/ul | -0.01    |
| 2) Naphthalene-d8         | 10.74 | 136  | 374479   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.57 | 164  | 245988   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.31 | 188  | 543379   | 20.00 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 21.56 | 240  | 539300   | 20.00 | ng/ul | 0.00     |
| 23) Perylene-d12          | 24.66 | 264  | 575185   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 3) 2,4-Dichlorophenol-d3    | 10.36 | 165  | 41309    | 6.41 | ng/ul | 0.00     |
| 7) Acenaphthylene-d8        | 14.26 | 160  | 165716   | 7.32 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.56 | 176  | 139071   | 8.02 | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.41 | 188  | 198856   | 7.89 | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.69 | 212  | 219613   | 7.91 | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.44 | 264  | 219500   | 6.99 | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue      |
|----------------------------|-------|------|----------|--------|--------|-------------|
| 9) Acenaphthene            | 14.63 | 153  | 17332    | 1.055  | ng/ul  | 98          |
| 11) Fluorene               | 15.61 | 166  | 23202    | 1.207  | ng/ul  | 97          |
| 14) Phenanthrene           | 17.35 | 178  | 329908   | 11.036 | ng/ul  | 99          |
| 16) Anthracene             | 17.44 | 178  | 73907    | 2.450  | ng/ul  | 97          |
| 17) Fluoranthene           | 19.36 | 202  | 450286   | 13.509 | ng/ul  | 100         |
| 20) Pyrene                 | 19.72 | 202  | 378863   | 10.702 | ng/ul  | 96          |
| 21) Benzo(a)anthracene     | 21.54 | 228  | 222282   | 6.335  | ng/ul  | 98          |
| 22) Chrysene               | 21.60 | 228  | 209381   | 6.173  | ng/ul  | 97          |
| 24) Benzo(b)fluoranthene   | 23.68 | 252  | 270882   | 7.122  | ng/ul  | 98          |
| 25) Benzo(k)fluoranthene   | 23.74 | 252  | 94997m>  | 2.518  | ng/ul> | 08/20/20 JU |
| 27) Benzo(a)pyrene         | 24.51 | 252  | 174295   | 4.991  | ng/ul  | 98          |
| 28) Indeno(1,2,3-cd)pyrene | 28.16 | 276  | 126474   | 2.893  | ng/ul  | 96          |
| 29) Dibenzo(a,h)anthracene | 28.19 | 278  | 39484m>  | 1.114  | ng/ul> | 08/20/20 JU |
| 30) Benzo(a,h,i)perylene   | 29.25 | 276  | 88318    | 2.414  | ng/ul  | 97          |

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