

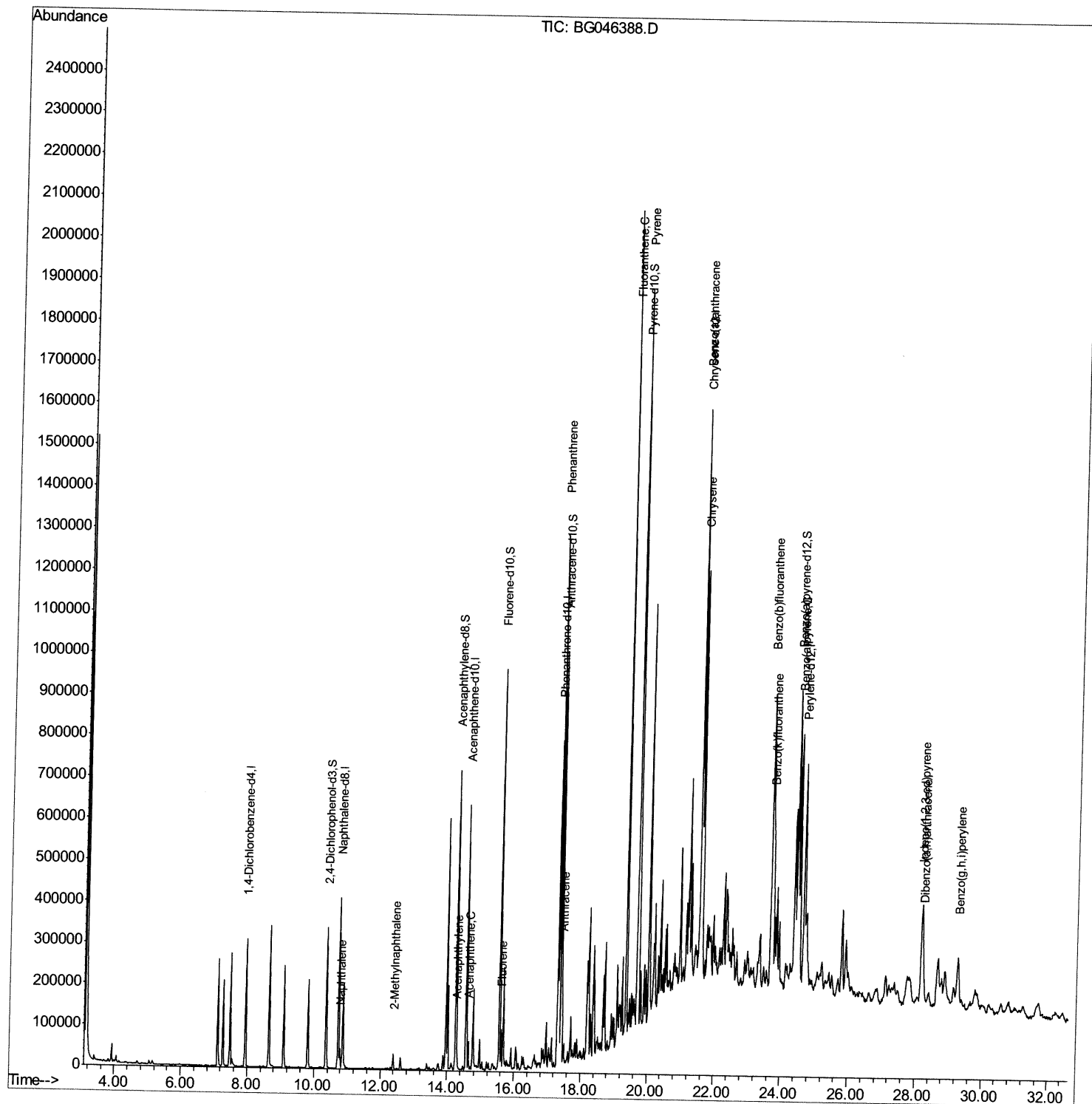
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\  
Data File : BG046388.D  
Acq On : 20 Aug 2020 21:17  
Operator : CG/JU  
Sample : L3634-15  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BFMG3

Manual Integrations  
APPROVED

mohammad  
8/21/2020 12:47:47 PM

Quant Time: Aug 21 01:24:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 21 00:37:00 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

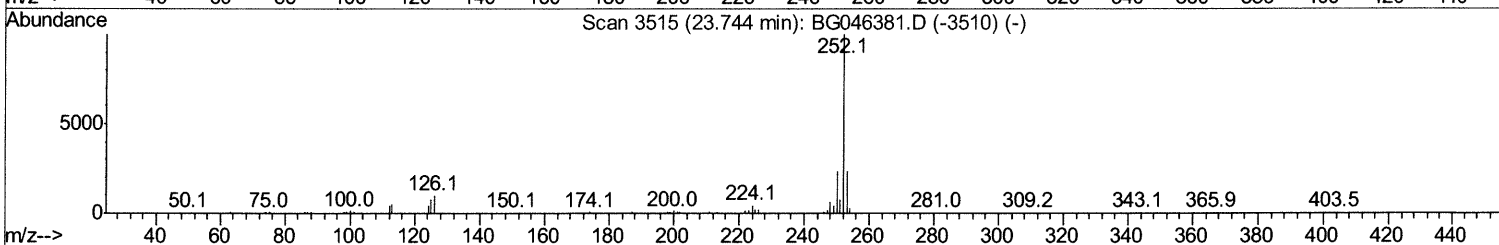
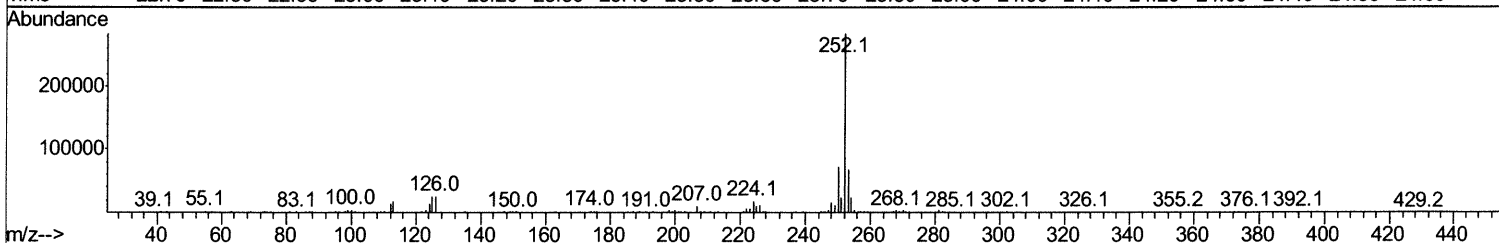
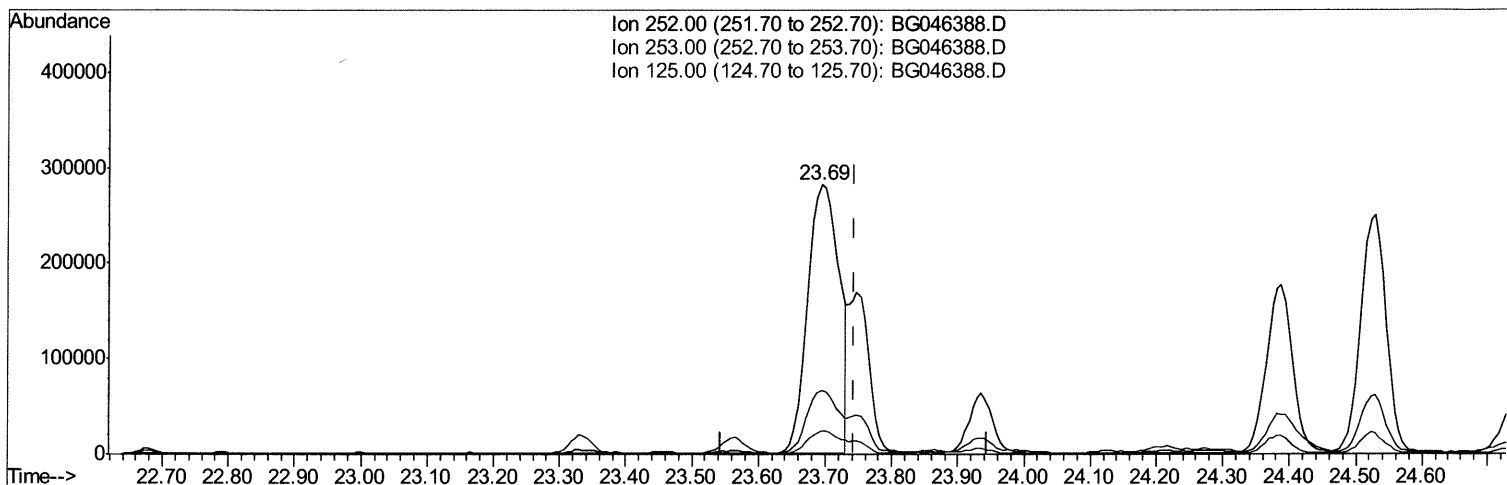
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**Instrument :**  
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**ClientSampleId :**  
 BFMG3

**Manual Integrations**  
**APPROVED**

mohammad  
 8/21/2020 12:47:47 PM

Quant Time: Aug 21 00:39:18 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 21 00:37:00 2020  
 Response via : Initial Calibration



TIC: BG046388.D

(25) Benzo(k)fluoranthene

23.694min (-0.050) 24.84ng/ul

response 922545

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 23.72 |
| 125.00 | 7.70  | 8.71  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

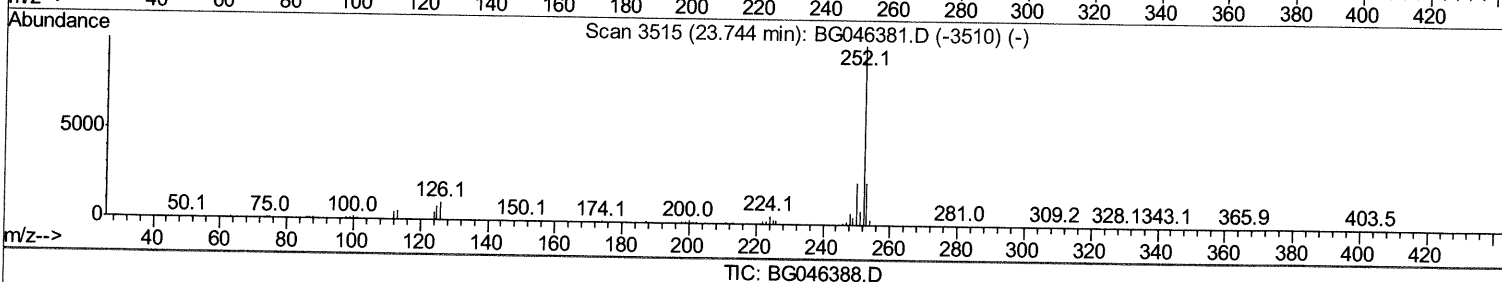
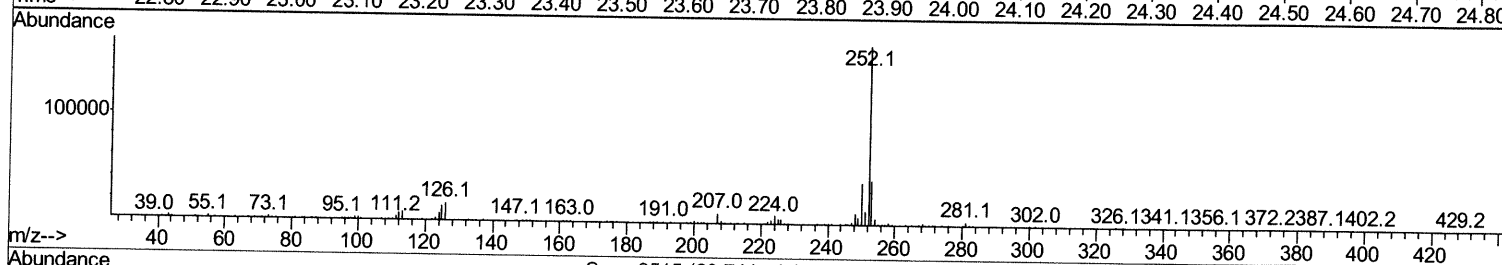
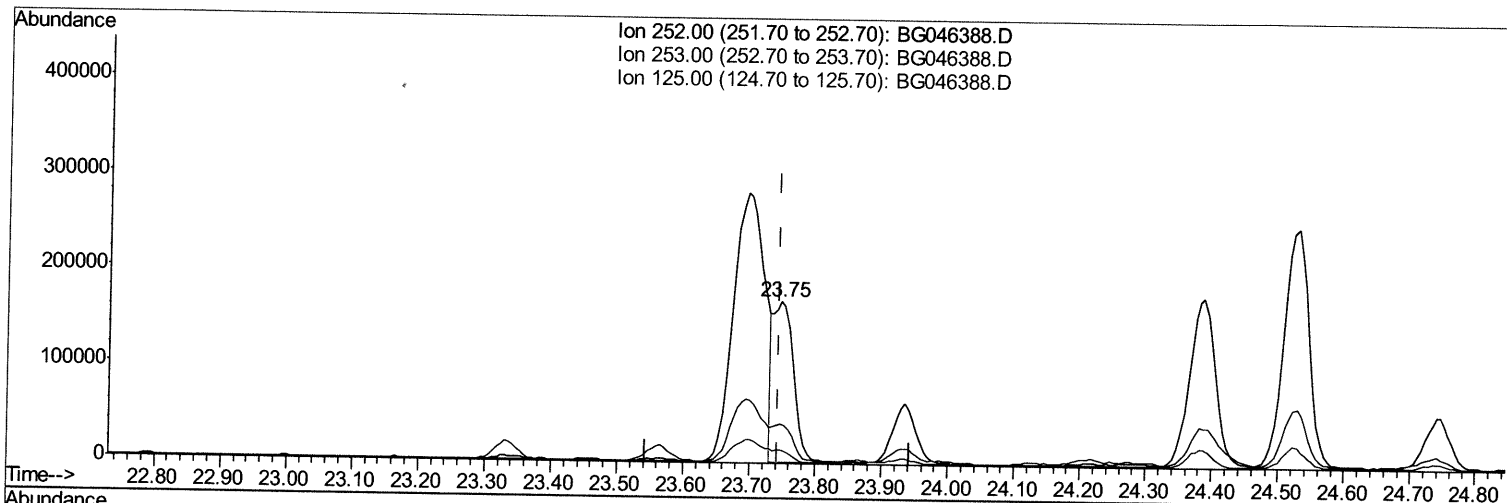
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\  
Data File : BG046388.D  
Acq On : 20 Aug 2020 21:17  
Operator : CG/JU  
Sample : L3634-15  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
BFMG3

Manual Integrations  
APPROVED

mohammad  
8/21/2020 12:47:47 PM

Quant Time: Aug 21 00:39:18 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 21 00:37:00 2020  
Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.747min (+0.003) 9.71ng/ul m

response 360702

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 24.50 |
| 125.00 | 7.70  | 8.49  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\  
 Data File : BG046388.D  
 Acq On : 20 Aug 2020 21:17  
 Operator : CG/JU  
 Sample : L3634-15  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BFMG3

Manual Integrations  
 APPROVED

mohammad  
 8/21/2020 12:47:47 PM

Quant Time: Aug 21 01:24:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 21 00:37:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.94  | 152  | 95928    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.74 | 136  | 373218   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.57 | 164  | 233339   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.31 | 188  | 517124   | 20.00 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 21.56 | 240  | 529836   | 20.00 | ng/ul | 0.00     |
| 23) Perylene-d12          | 24.67 | 264  | 566209   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |       |      |
|--------------------------|-------|-----|--------|-------|-------|------|
| 3) 2,4-Dichlorophenol-d3 | 10.36 | 165 | 151594 | 23.59 | ng/ul | 0.00 |
| 7) Acenaphthylene-d8     | 14.26 | 160 | 551343 | 25.67 | ng/ul | 0.00 |
| 10) Fluorene-d10         | 15.56 | 176 | 413386 | 25.12 | ng/ul | 0.00 |
| 15) Anthracene-d10       | 17.41 | 188 | 591195 | 24.66 | ng/ul | 0.00 |
| 19) Pvrene-d10           | 19.70 | 212 | 689386 | 25.28 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12   | 24.46 | 264 | 789234 | 25.54 | ng/ul | 0.01 |

## Target Compounds

|                            | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 4) Naphthalene             | 10.79 | 128  | 40291    | 2.075  | ng/ul | 98     |
| 5) 2-Methylnaphthalene     | 12.40 | 142  | 18473    | 1.248  | ng/ul | 99     |
| 8) Acenaphthylene          | 14.29 | 152  | 43044    | 1.972  | ng/ul | 99     |
| 9) Acenaphthene            | 14.63 | 153  | 28919    | 1.855  | ng/ul | 98     |
| 11) Fluorene               | 15.62 | 166  | 36214    | 1.987  | ng/ul | 96     |
| 14) Phenanthrene           | 17.35 | 178  | 793787   | 27.902 | ng/ul | 99     |
| 16) Anthracene             | 17.44 | 178  | 141727   | 4.937  | ng/ul | 98     |
| 17) Fluoranthene           | 19.36 | 202  | 1232104  | 38.841 | ng/ul | 99     |
| 20) Pvrene                 | 19.73 | 202  | 1134085  | 32.609 | ng/ul | 99     |
| 21) Benzo(a)anthracene     | 21.54 | 228  | 685829   | 19.895 | ng/ul | 97     |
| 22) Chrysene               | 21.61 | 228  | 708931   | 21.273 | ng/ul | 97     |
| 24) Benzo(b)fluoranthene   | 23.69 | 252  | 922545   | 24.639 | ng/ul | 97     |
| 25) Benzo(k)fluoranthene   | 23.75 | 252  | 360702m  | 9.711  | ng/ul | 97     |
| 27) Benzo(a)pvrene         | 24.53 | 252  | 656163   | 19.089 | ng/ul | 96     |
| 28) Indeno(1,2,3-cd)pvrene | 28.18 | 276  | 441993   | 10.269 | ng/ul | 97     |
| 29) Dibenzo(a,h)anthracene | 28.24 | 278  | 126607   | 3.628  | ng/ul | 99     |
| 30) Benzo(a,h,i)perylene   | 29.28 | 276  | 237666   | 6.598  | ng/ul | 98     |

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