

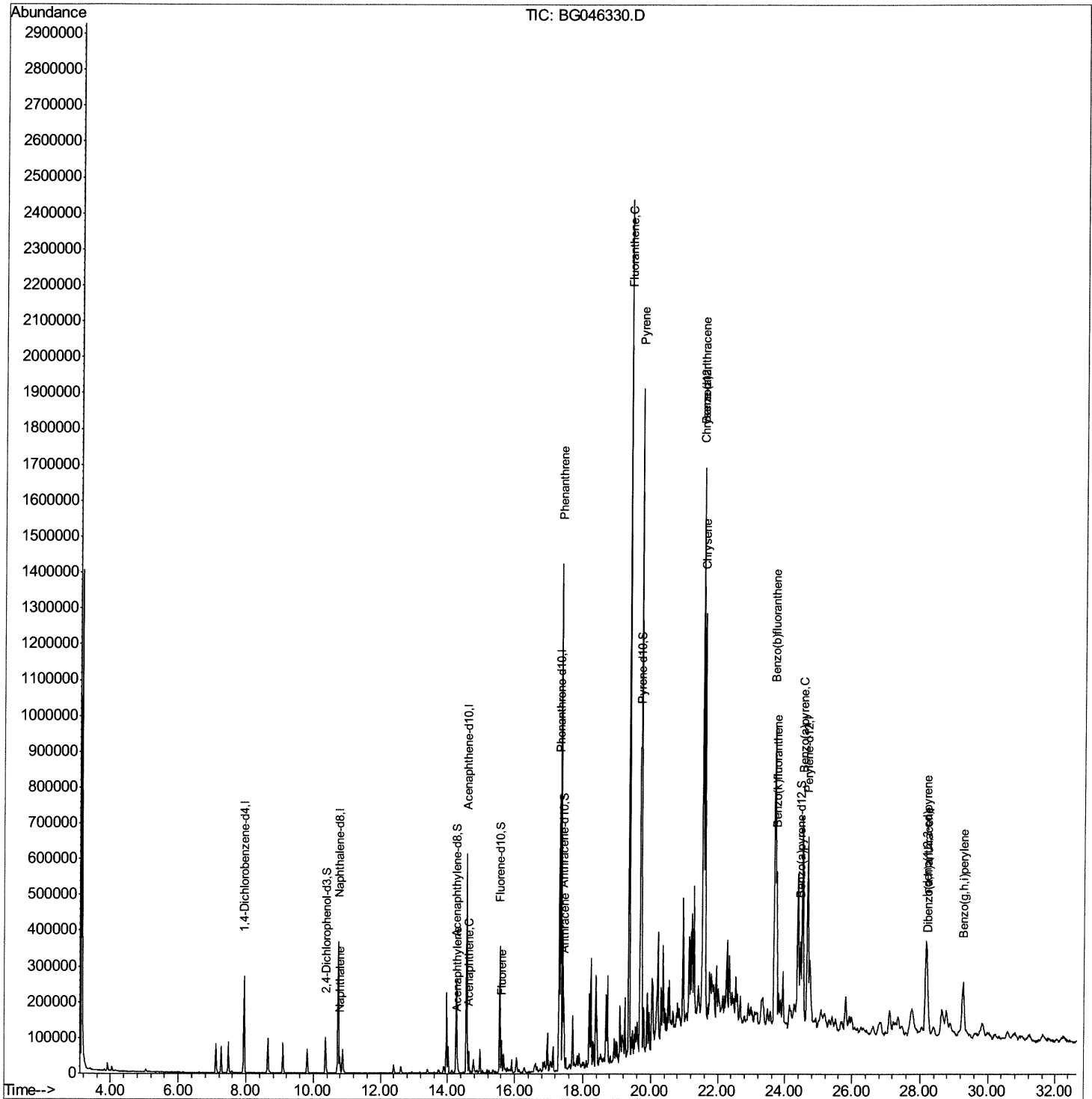
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
Data File : BG046330.D  
Acq On : 18 Aug 2020 16:29  
Operator : CG/JU  
Sample : L3636-09  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BFMK5

Manual Integrations  
APPROVED

mohammad  
8/19/2020 2:17:32 PM

Quant Time: Aug 18 17:46:23 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)

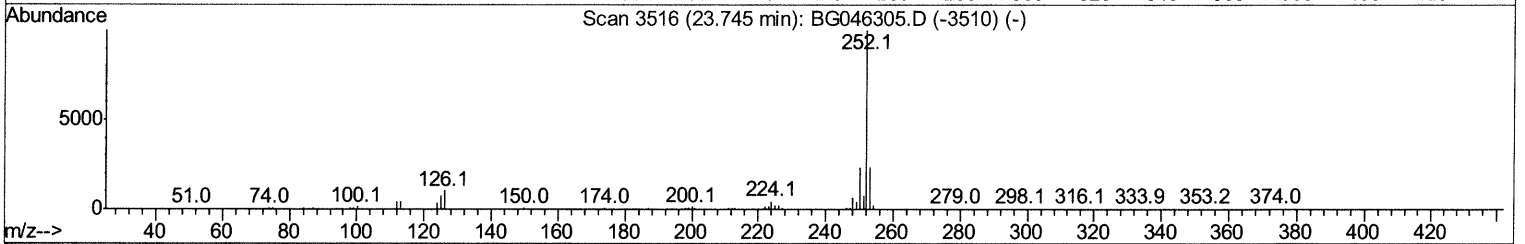
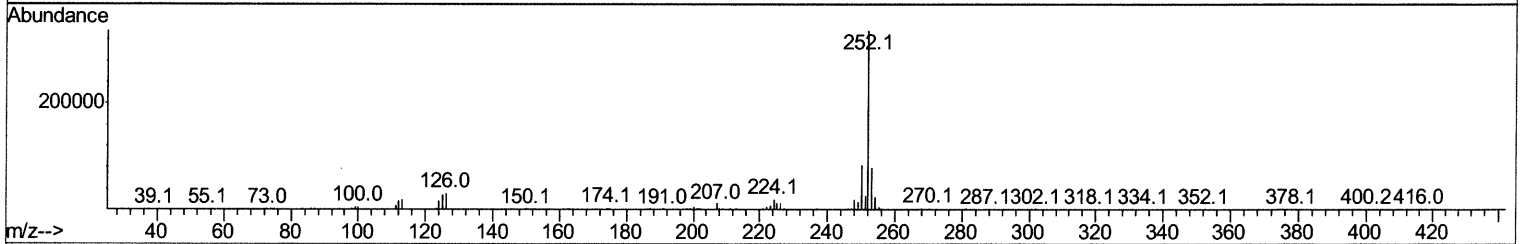
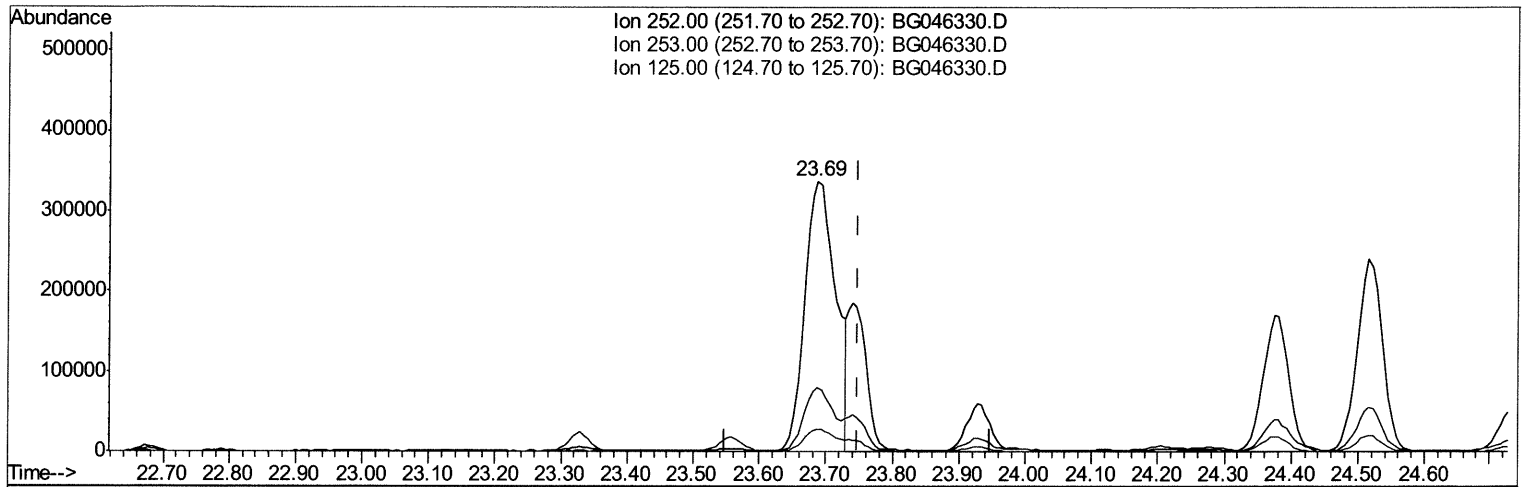
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
 Data File : BG046330.D  
 Acq On : 18 Aug 2020 16:29  
 Operator : CG/JU  
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Instrument :  
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 BFMK5

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 2:17:32 PM

Quant Time: Aug 18 17:44:57 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: BG046330.D

(25) Benzo(k)fluoranthene  
 23.687min (-0.061) 30.35ng/ul  
 response 1079945  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 23.55 |
| 125.00 | 7.70  | 8.13  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

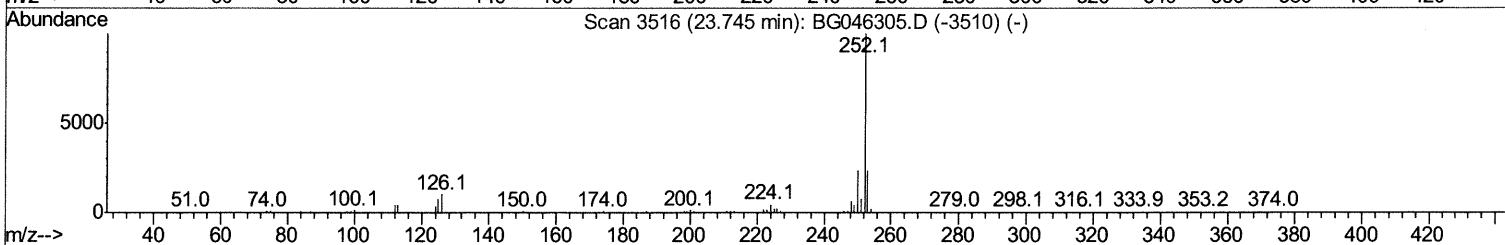
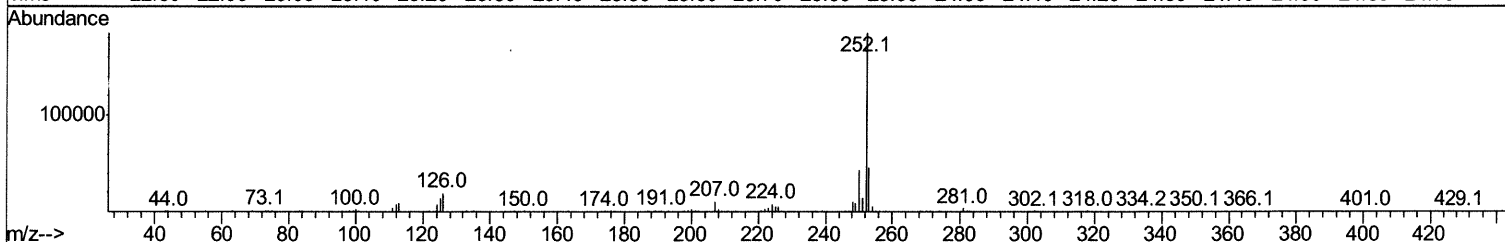
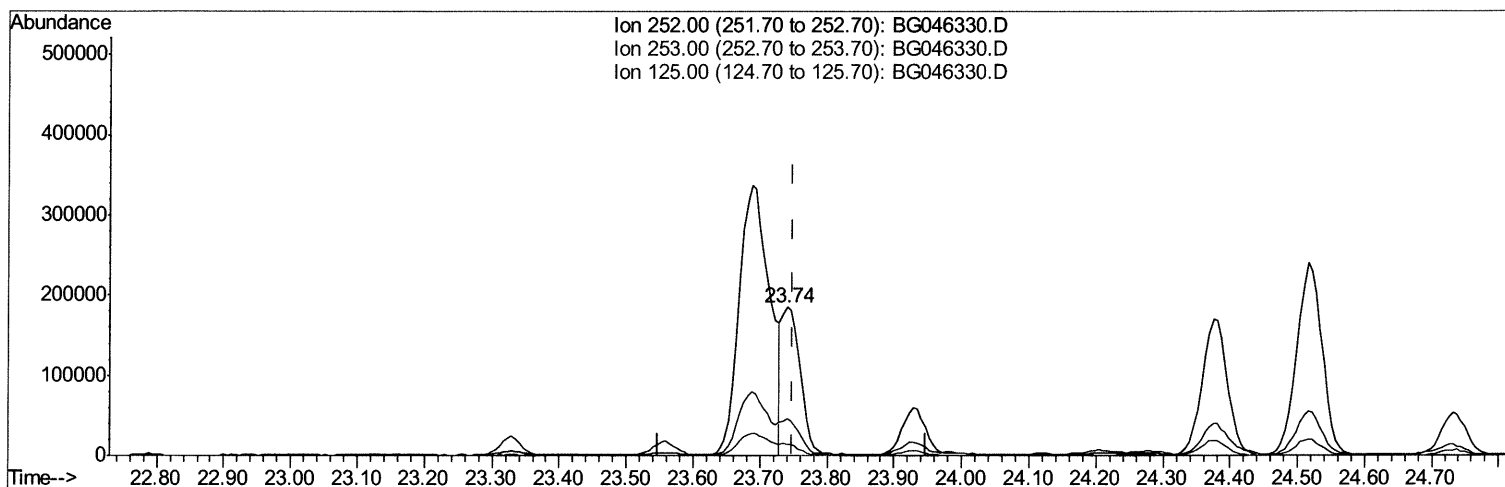
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
Data File : BG046330.D  
Acq On : 18 Aug 2020 16:29  
Operator : CG/JU  
Sample : L3636-09  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BFMK5

Manual Integrations  
APPROVED

mohammad  
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Quant Time: Aug 18 17:44:57 2020  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 13 13:50:19 2020  
Response via : Initial Calibration



TIC: BG046330.D

(25) Benzo(k)fluoranthene

23.740min (-0.008) 9.92ng/ul m

08/20/20 JU

response 352938

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 24.56 |
| 125.00 | 7.70  | 7.82  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\  
 Data File : BG046330.D  
 Acq On : 18 Aug 2020 16:29  
 Operator : CG/JU  
 Sample : L3636-09  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BFMK5

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 2:17:32 PM

Quant Time: Aug 18 17:46:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|--------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.94  | 152  | 85420    | 20.00  | ng/ul  | 0.00          |
| 2) Naphthalene-d8           | 10.74 | 136  | 339173   | 20.00  | ng/ul  | 0.00          |
| 6) Acenaphthene-d10         | 14.57 | 164  | 222369   | 20.00  | ng/ul  | 0.00          |
| 12) Phenanthrene-d10        | 17.31 | 188  | 509028   | 20.00  | ng/ul  | 0.00          |
| 18) Chrysene-d12            | 21.55 | 240  | 504101   | 20.00  | ng/ul  | 0.00          |
| 23) Perylene-d12            | 24.66 | 264  | 542481   | 20.00  | ng/ul  | 0.00          |
| System Monitoring Compounds |       |      |          |        |        |               |
| 3) 2,4-Dichlorophenol-d3    | 10.36 | 165  | 48619    | 8.33   | ng/ul  | 0.00          |
| 7) Acenaphthylene-d8        | 14.26 | 160  | 188353   | 9.20   | ng/ul  | 0.00          |
| 10) Fluorene-d10            | 15.56 | 176  | 151648   | 9.67   | ng/ul  | 0.00          |
| 15) Anthracene-d10          | 17.41 | 188  | 221475   | 9.39   | ng/ul  | 0.00          |
| 19) Perylene-d10            | 19.69 | 212  | 247703   | 9.55   | ng/ul  | 0.00          |
| 26) Benzo(a)pyrene-d12      | 24.45 | 264  | 257026   | 8.68   | ng/ul  | 0.00          |
| Target Compounds            |       |      |          |        |        |               |
| 4) Naphthalene              | 10.78 | 128  | 40287    | 2.284  | ng/ul  | 97            |
| 8) Acenaphthylene           | 14.29 | 152  | 41492    | 1.994  | ng/ul  | 99            |
| 9) Acenaphthene             | 14.63 | 153  | 27793    | 1.871  | ng/ul  | 91            |
| 11) Fluorene                | 15.61 | 166  | 41938    | 2.414  | ng/ul# | 95            |
| 14) Phenanthrene            | 17.35 | 178  | 880232   | 31.433 | ng/ul  | 99            |
| 16) Anthracene              | 17.44 | 178  | 141570   | 5.010  | ng/ul  | 98            |
| 17) Fluoranthene            | 19.36 | 202  | 1493290  | 47.823 | ng/ul  | 98            |
| 20) Pyrene                  | 19.72 | 202  | 1201120  | 36.299 | ng/ul  | 99            |
| 21) Benzo(a)anthracene      | 21.54 | 228  | 799386   | 24.373 | ng/ul  | 98            |
| 22) Chrysene                | 21.60 | 228  | 816892   | 25.764 | ng/ul  | 98            |
| 24) Benzo(b)fluoranthene    | 23.69 | 252  | 1079945  | 30.104 | ng/ul  | 98            |
| 25) Benzo(k)fluoranthene    | 23.74 | 252  | 352938m  | 9.918  | ng/ul  | > 98/20/20 JU |
| 27) Benzo(a)pyrene          | 24.52 | 252  | 625089   | 18.980 | ng/ul  | 99            |
| 28) Indeno(1,2,3-cd)pyrene  | 28.17 | 276  | 465447   | 11.287 | ng/ul  | 98            |
| 29) Dibenzo(a,h)anthracene  | 28.22 | 278  | 137988   | 4.127  | ng/ul  | 94            |
| 30) Benzo(a,h,i)perylene    | 29.27 | 276  | 298611   | 8.652  | ng/ul  | 99            |

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