

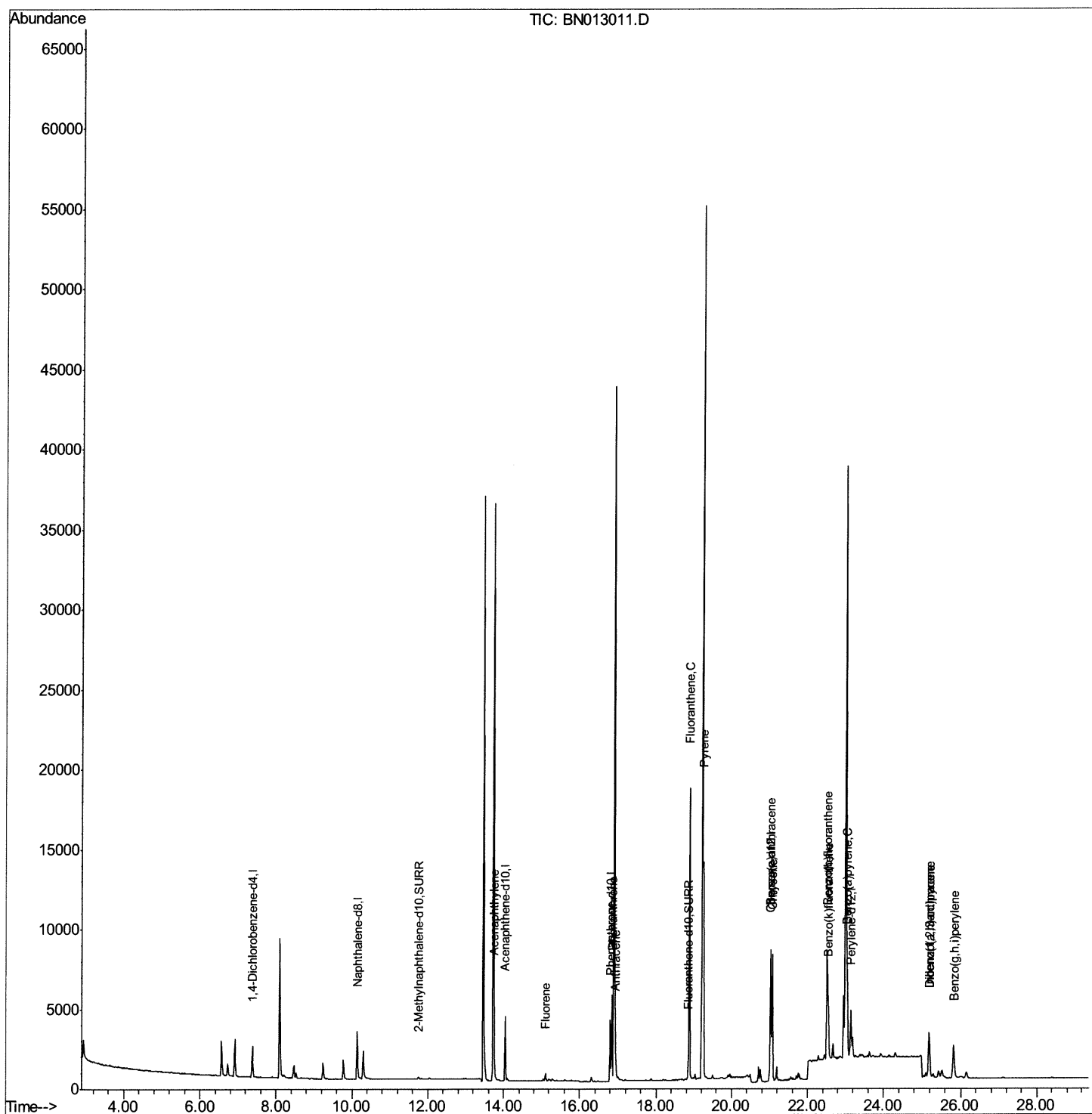
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
Data File : BN013011.D  
Acq On : 09 Dec 2020 14:18  
Operator : CG/JU  
Sample : L4862-08DL 10X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B62DL

Manual Integrations  
APPROVED

mohammad  
12/9/2020 5:39:35 PM

Quant Time: Dec 09 14:50:16 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 09 07:33:34 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

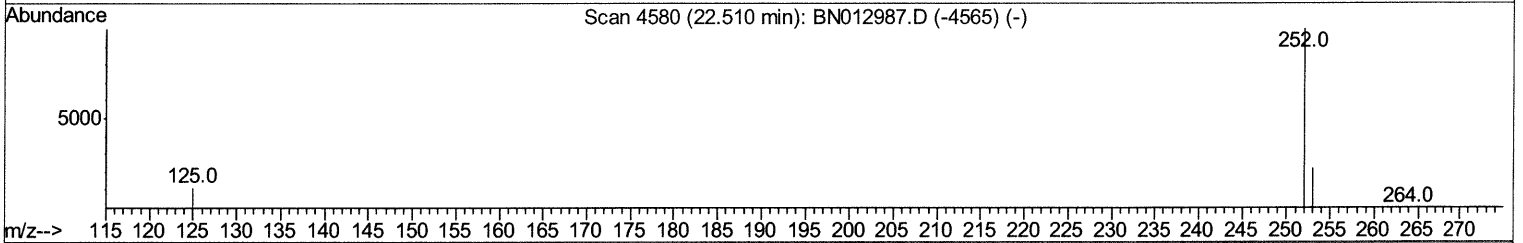
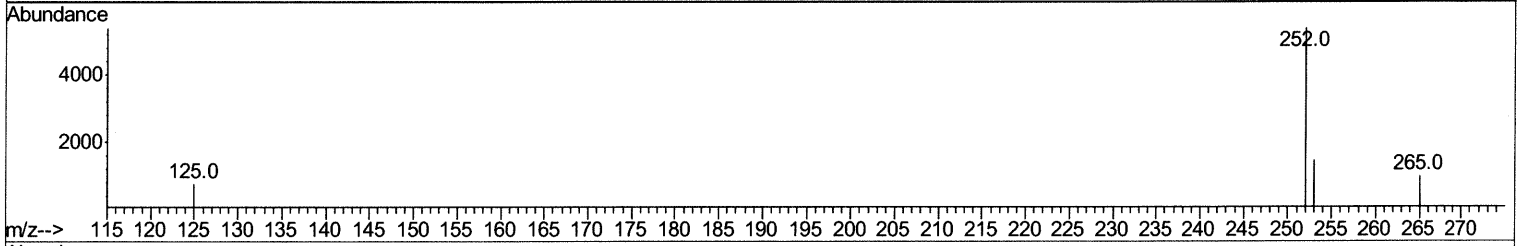
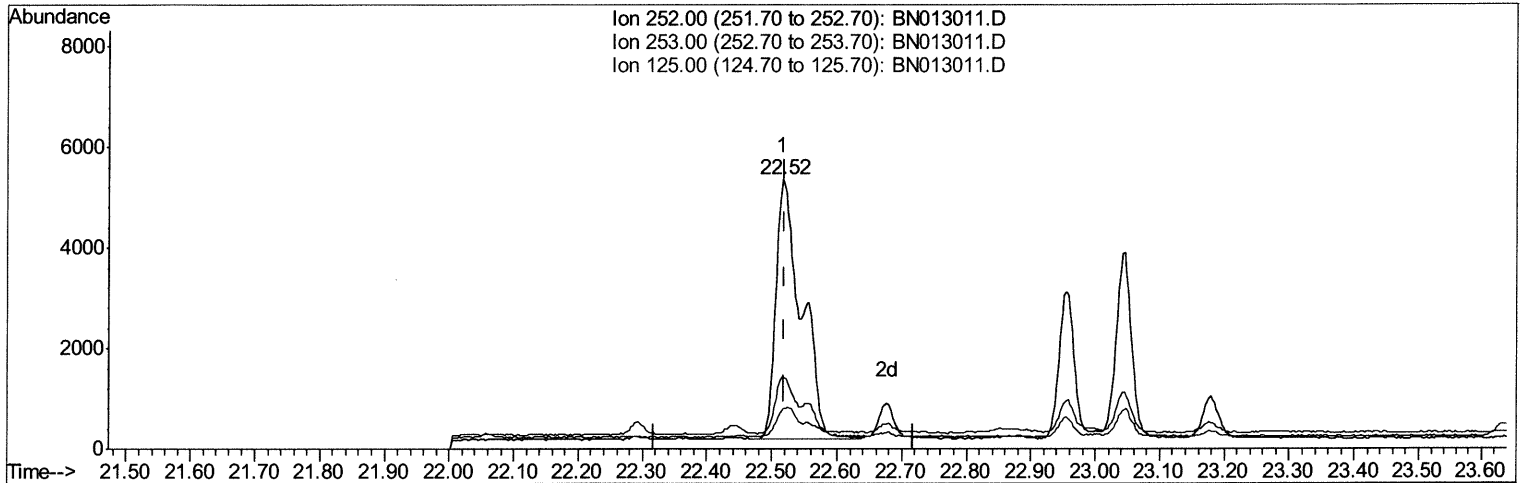
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TIC: BN013011.D

(21) Benzo(b)fluoranthene  
 22.516min (-0.003) 0.88ng/ul  
 response 14081  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 26.97 |
| 125.00 | 13.00 | 14.41 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

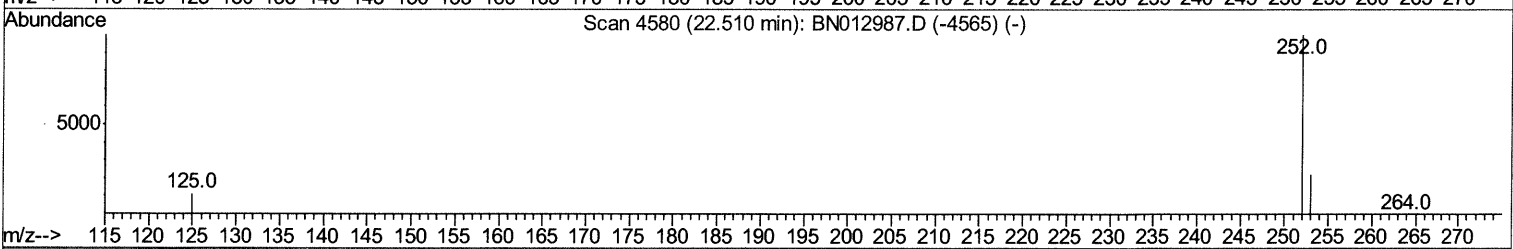
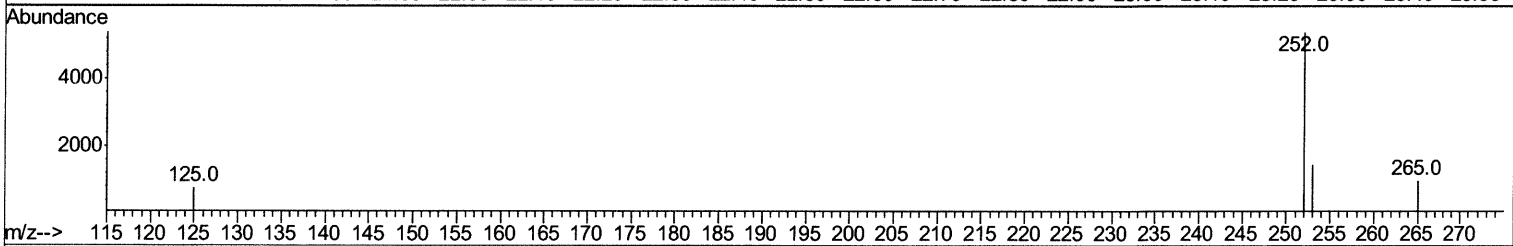
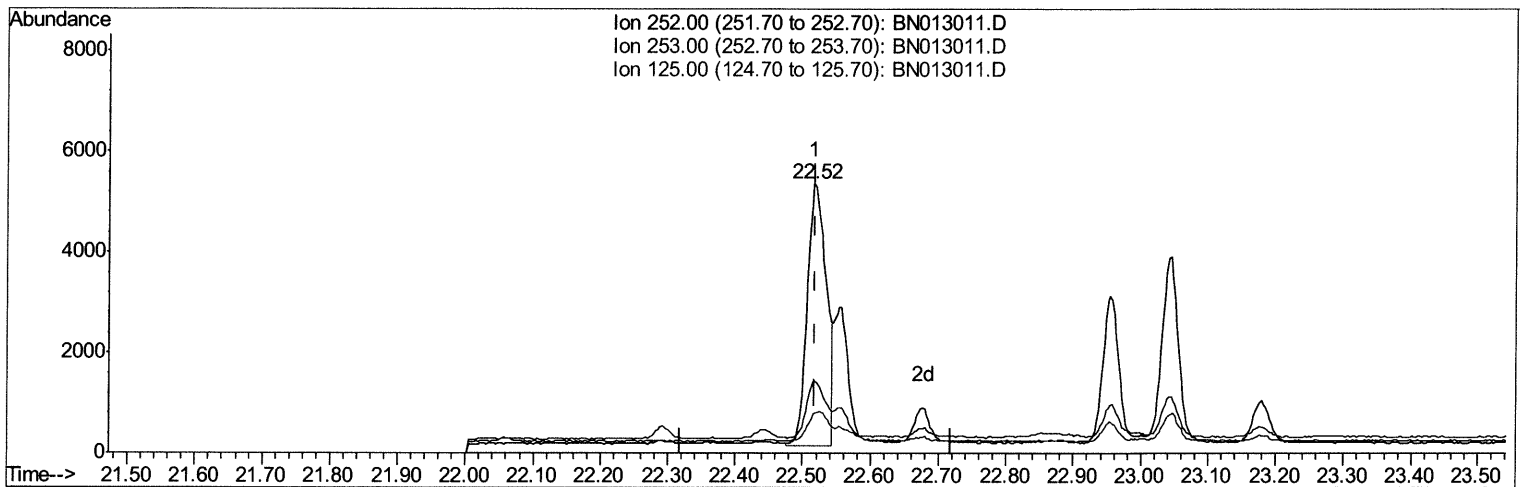
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**Instrument :**  
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**ClientSampleId :**  
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**Manual Integrations**  
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 12/9/2020 5:39:35 PM

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TIC: BN013011.D

(21) Benzo(b)fluoranthene

22.516min (-0.003) 0.64ng/ul m 12/16/2020

response 10153

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 26.97 |
| 125.00 | 13.00 | 14.41 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

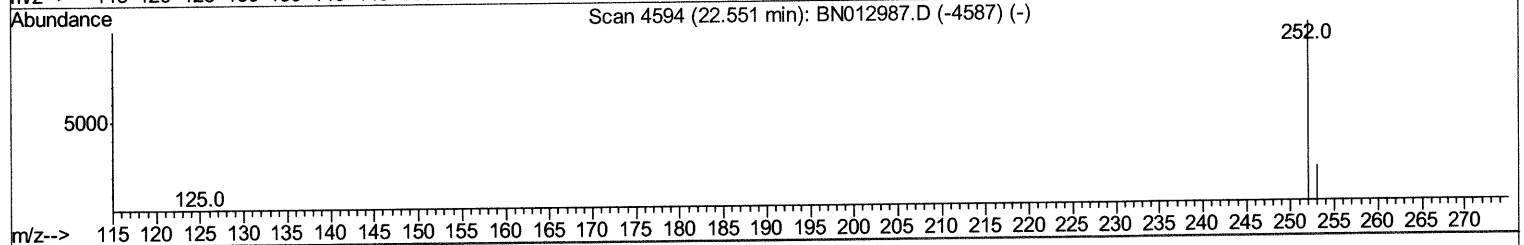
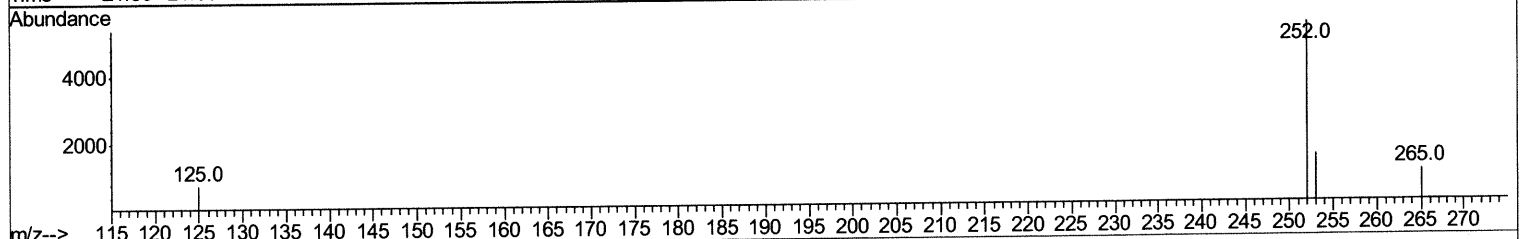
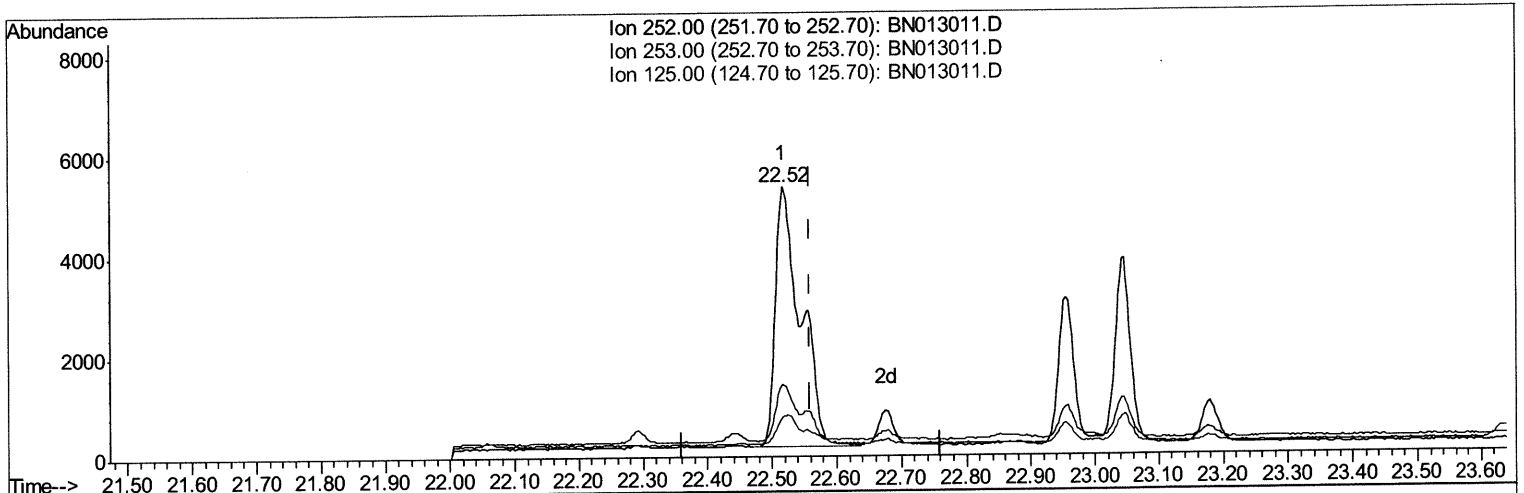
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
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 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: BN013011.D

(22) Benzo(k)fluoranthene  
 22.516min (-0.044) 0.80ng/ul  
 response 14081  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 26.97 |
| 125.00 | 13.90 | 14.41 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

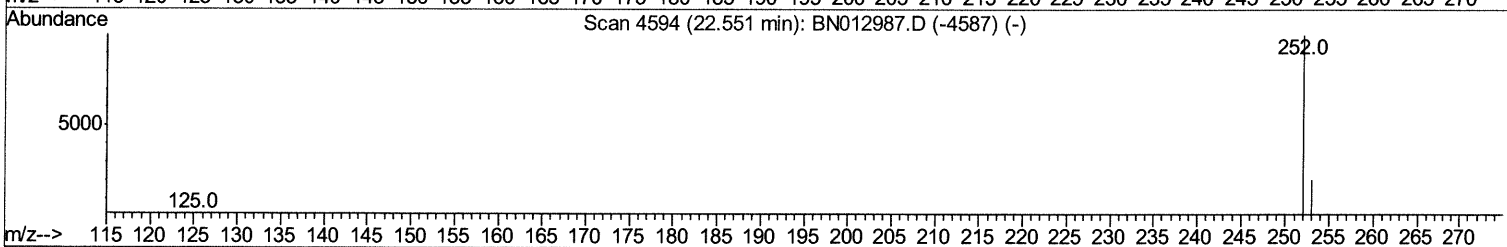
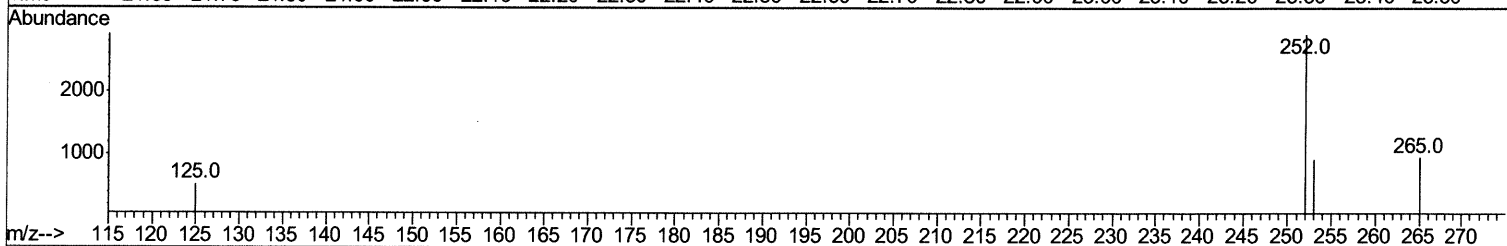
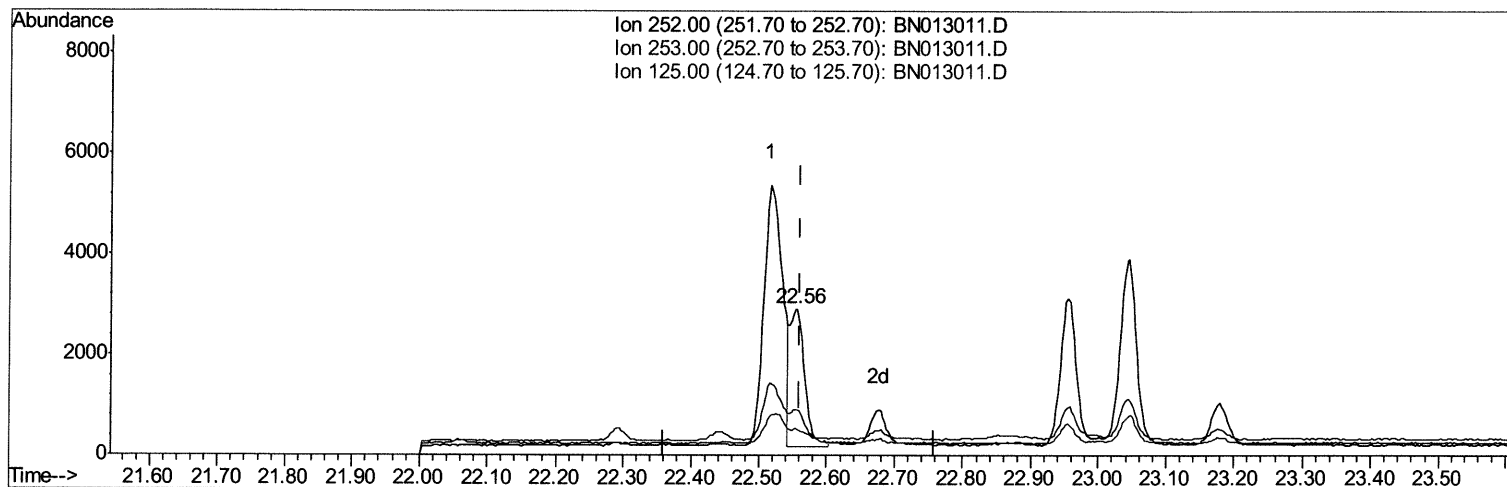
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TIC: BN013011.D

(22) Benzo(k)fluoranthene

22.557min (-0.003) 0.24ng/ul m 12/10/2020

response 4154

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 31.34  |
| 125.00 | 13.90 | 17.63# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN013011.D  
 Acq On : 09 Dec 2020 14:18  
 Operator : CG/JU  
 Sample : L4862-08DL 10X  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 C0B62DL

Manual Integrations  
 APPROVED

mohammad  
 12/9/2020 5:39:35 PM

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)   |
|-----------------------------|-------|------|----------|-------|--------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 984      | 0.40  | ng/ul  | -0.02      |
| 2) Naphthalene-d8           | 10.14 | 136  | 3984     | 0.40  | ng/ul  | -0.01      |
| 6) Acenaphthene-d10         | 14.05 | 164  | 2184     | 0.40  | ng/ul  | 0.00       |
| 10) Phenanthrene-d10        | 16.81 | 188  | 4519     | 0.40  | ng/ul  | 0.00       |
| 16) Chrysene-d12            | 21.03 | 240  | 3614     | 0.40  | ng/ul  | 0.00       |
| 20) Perylene-d12            | 23.14 | 264  | 3441     | 0.40  | ng/ul  | 0.00       |
| System Monitoring Compounds |       |      |          |       |        |            |
| 4) 2-Methylnaphthalene-d10  | 11.75 | 152  | 226      | 0.04  | ng/ul  | 0.00       |
| 14) Fluoranthene-d10        | 18.85 | 212  | 473      | 0.04  | ng/ul  | 0.00       |
| Target Compounds            |       |      |          |       |        |            |
|                             |       |      |          |       | Ovalue |            |
| 7) Acenaphthylene           | 13.76 | 152  | 748      | 0.072 | ng/ul# | 89         |
| 9) Fluorene                 | 15.11 | 166  | 314      | 0.032 | ng/ul# | 91         |
| 12) Phenanthrene            | 16.84 | 178  | 5706     | 0.377 | ng/ul  | 99         |
| 13) Anthracene              | 16.94 | 178  | 1156     | 0.090 | ng/ul# | 92         |
| 15) Fluoranthene            | 18.88 | 202  | 15589    | 0.866 | ng/ul  | 99         |
| 17) Pyrene                  | 19.25 | 202  | 13246    | 0.776 | ng/ul  | 99         |
| 18) Benzo(a)anthracene      | 21.02 | 228  | 6251     | 0.418 | ng/ul  | 99         |
| 19) Chrysene                | 21.07 | 228  | 8057     | 0.488 | ng/ul  | 98         |
| 21) Benzo(b)fluoranthene    | 22.52 | 252  | 10153m   | 0.638 | ng/ul  | 12/10/2020 |
| 22) Benzo(k)fluoranthene    | 22.56 | 252  | 4154m    | 0.236 | ng/ul  |            |
| 23) Benzo(a)pyrene          | 23.04 | 252  | 6159     | 0.417 | ng/ul  |            |
| 24) Indeno(1,2,3-cd)pyrene  | 25.19 | 276  | 4286     | 0.221 | ng/ul# | 98         |
| 25) Dibenzo(a,h)anthracene  | 25.20 | 278  | 1075     | 0.070 | ng/ul# | 58         |
| 26) Benzo(g,h,i)perylene    | 25.82 | 276  | 4086     | 0.233 | ng/ul  | 97         |

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