

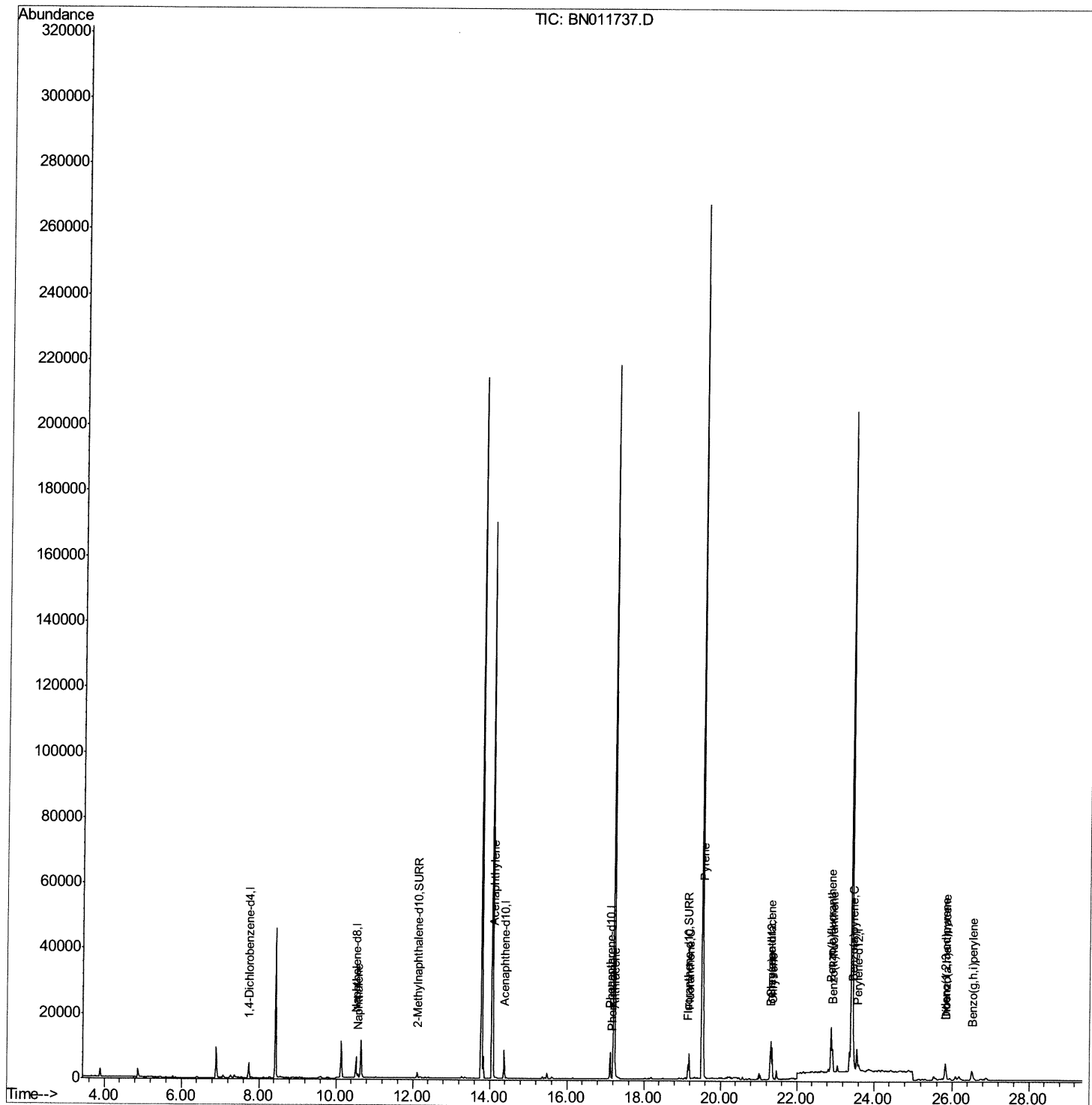
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\  
Data File : BN011737.D  
Acq On : 08 Sep 2020 15:17  
Operator : CG/JU  
Sample : L3843-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AE1

Manual Integrations  
APPROVED

Sohil  
9/9/2020 3:45:40 PM

Quant Time: Sep 08 15:56:58 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 08 14:34:47 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

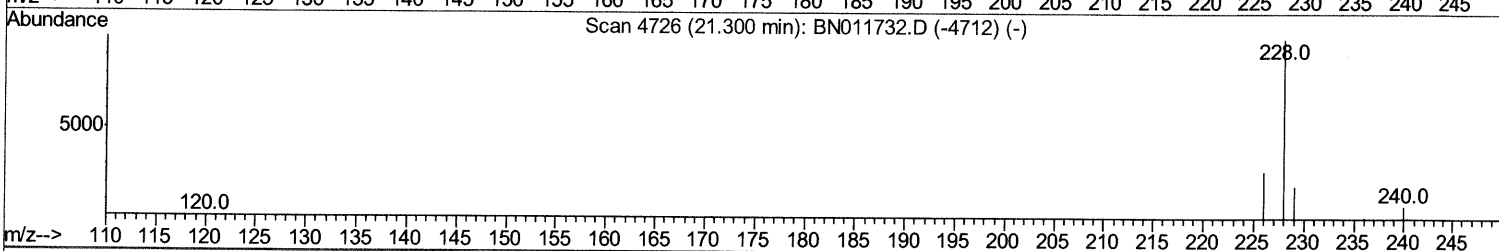
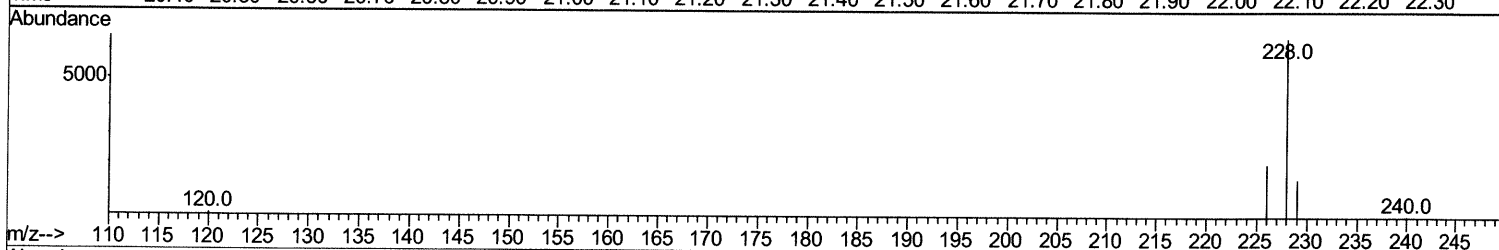
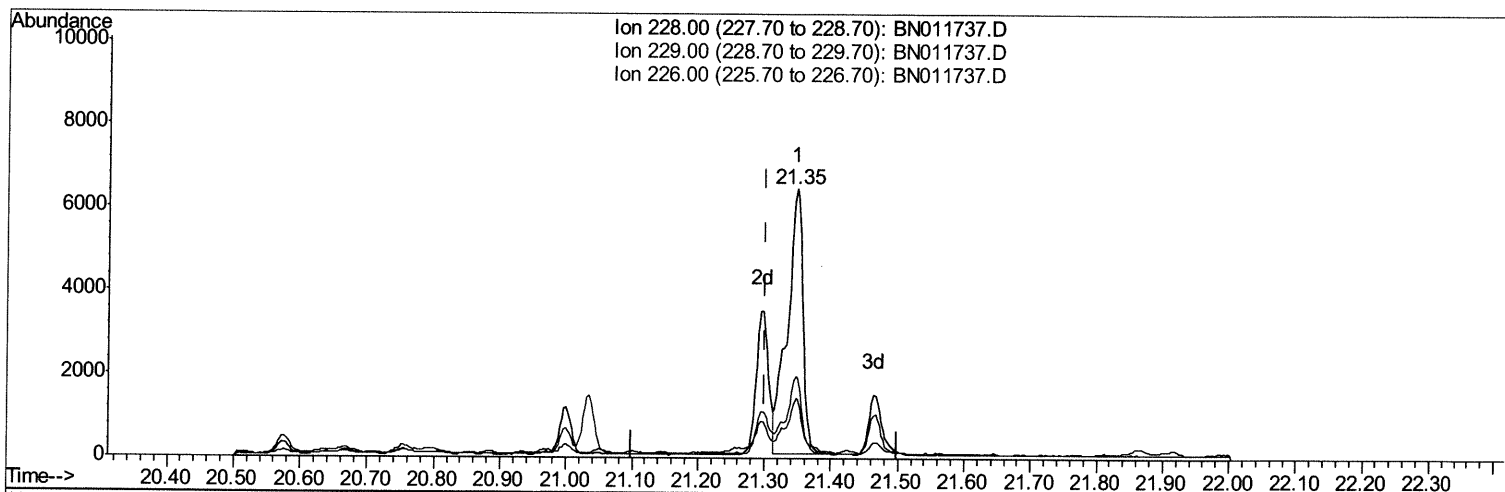
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TIC: BN011737.D

(18) Benzo(a)anthracene  
 21.347min (+0.047) 0.32ng/ul  
 response 10482  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.90 | 22.30 |
| 226.00 | 27.40 | 30.39 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

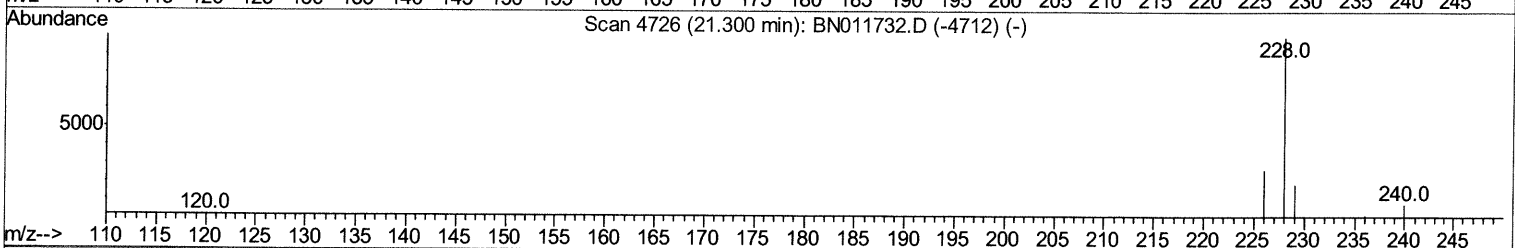
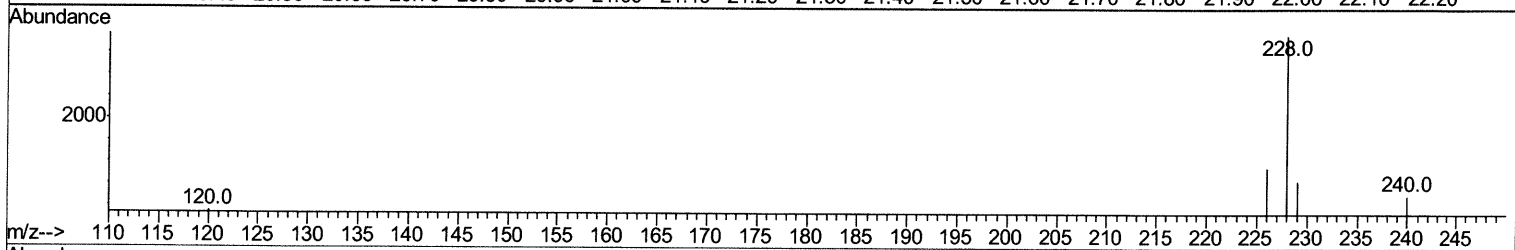
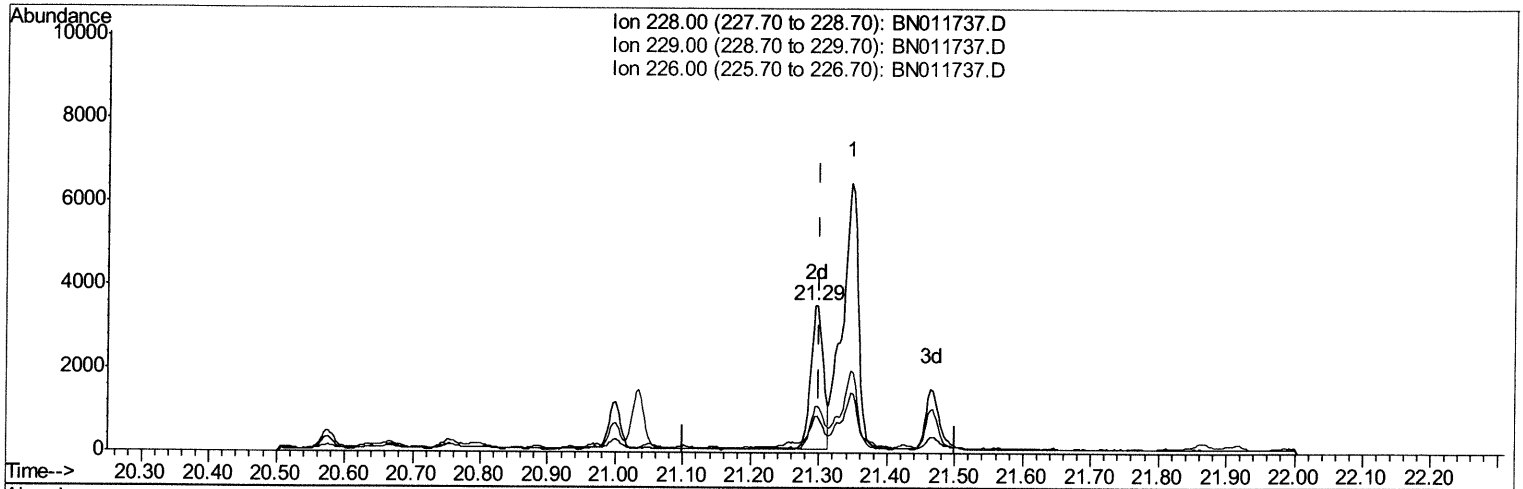
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\  
Data File : BN011737.D  
Acq On : 08 Sep 2020 15:17  
Operator : CG/JU  
Sample : L3843-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AE1

Manual Integrations  
APPROVED

Sohil  
9/9/2020 3:45:40 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BN011737.D

(18) Benzo(a)anthracene

21.294min (-0.006) 0.13ng/ul m

09/09/20 JU

response 4461

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.90 | 24.76# |
| 226.00 | 27.40 | 31.30  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

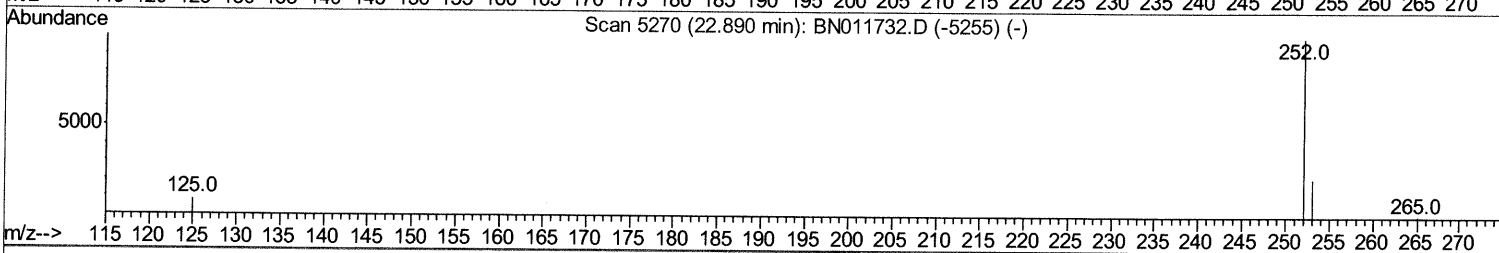
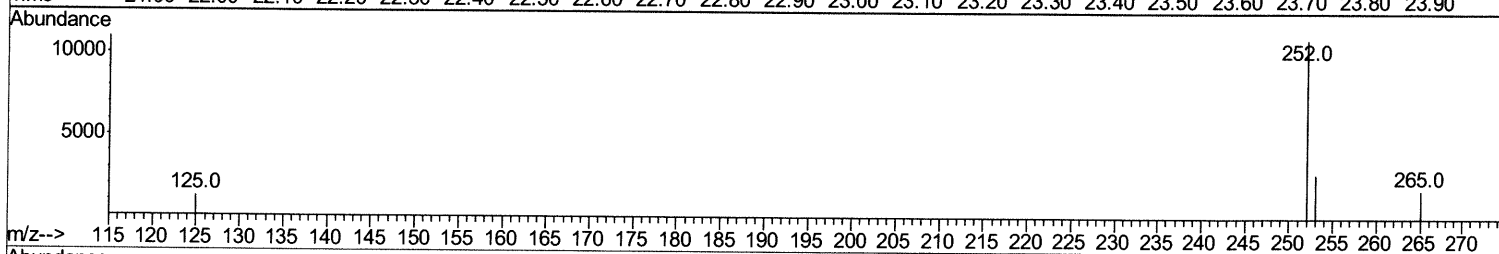
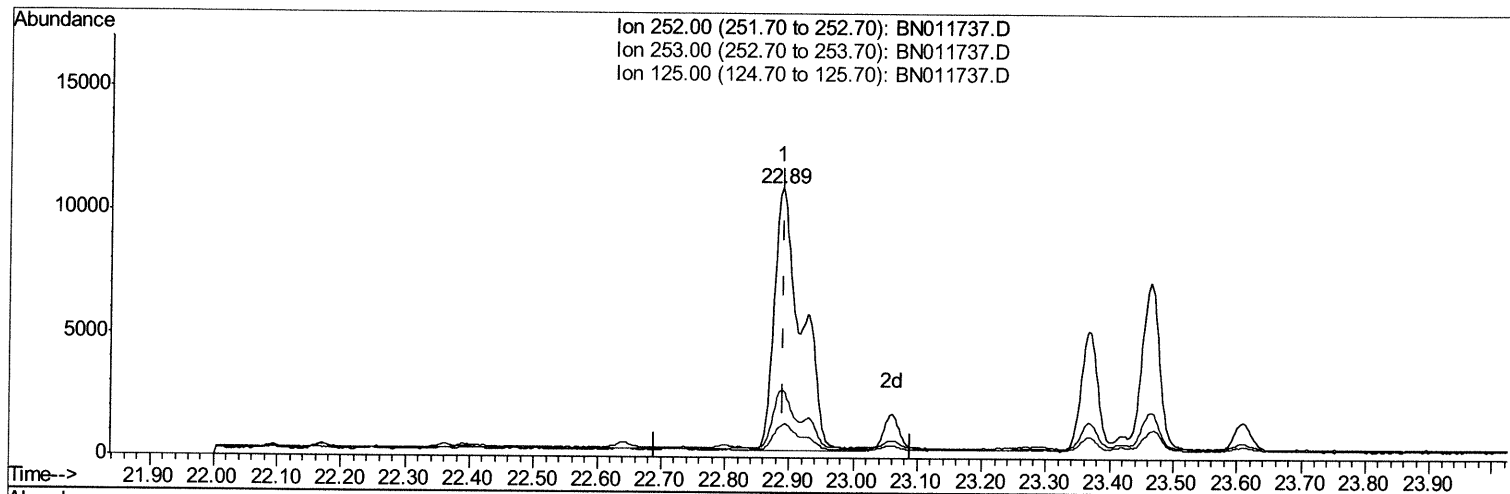
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\  
Data File : BN011737.D  
Acq On : 08 Sep 2020 15:17  
Operator : CG/JU  
Sample : L3843-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AE1

Manual Integrations  
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9/9/2020 3:45:40 PM

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TIC: BN011737.D

(21) Benzo(b)fluoranthene

22.887min (-0.003) 0.74ng/ul

response 31115

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.30 | 24.98 |
| 125.00 | 11.80 | 11.62 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

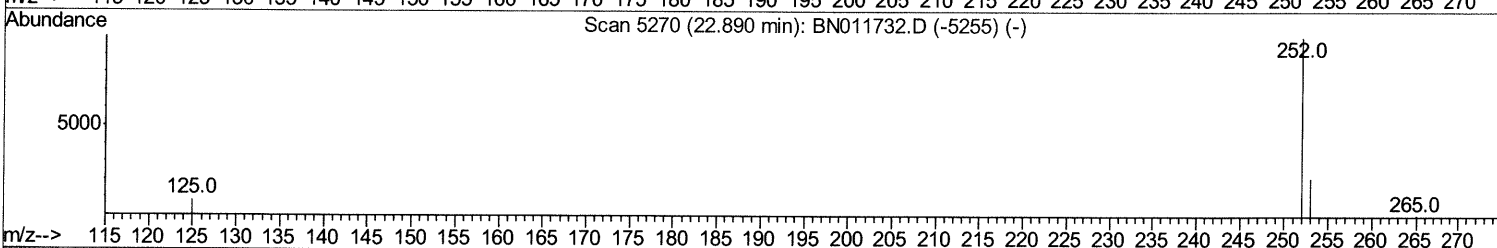
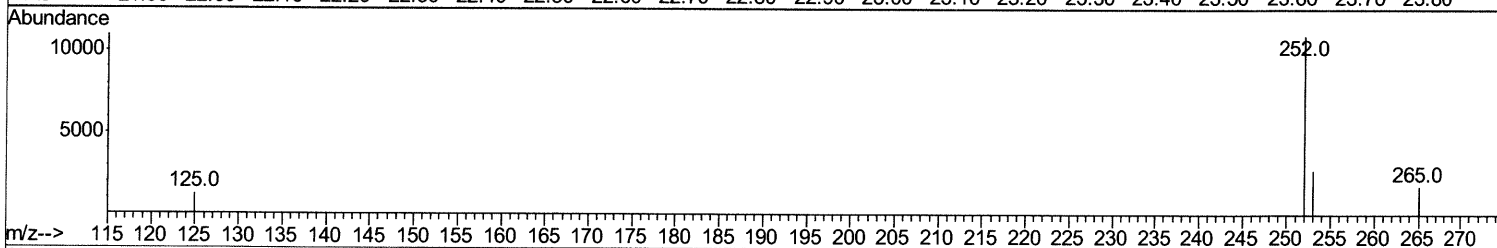
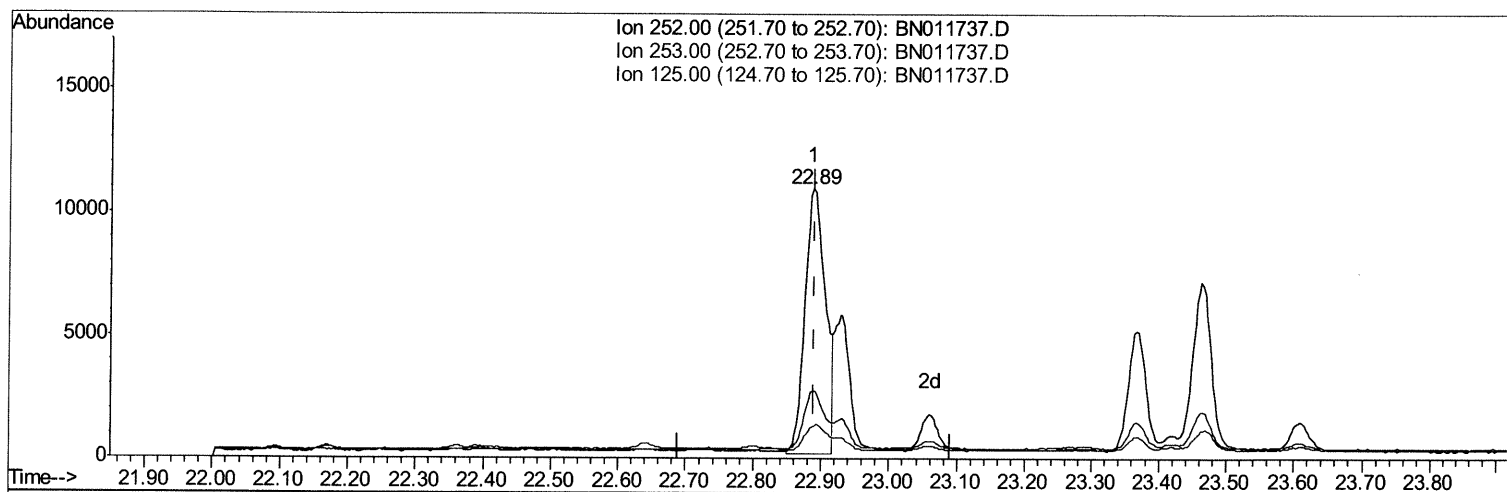
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\  
 Data File : BN011737.D  
 Acq On : 08 Sep 2020 15:17  
 Operator : CG/JU  
 Sample : L3843-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 C0AE1

**Manual Integrations**  
**APPROVED**

Sohil  
 9/9/2020 3:45:40 PM

Quant Time: Sep 08 15:47:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 08 14:34:47 2020  
 Response via : Initial Calibration



TIC: BN011737.D

(21) Benzo(b)fluoranthene

22.887min (-0.003) 0.54ng/ul m

09/09/20 JU

response 22740

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.30 | 24.98 |
| 125.00 | 11.80 | 11.62 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

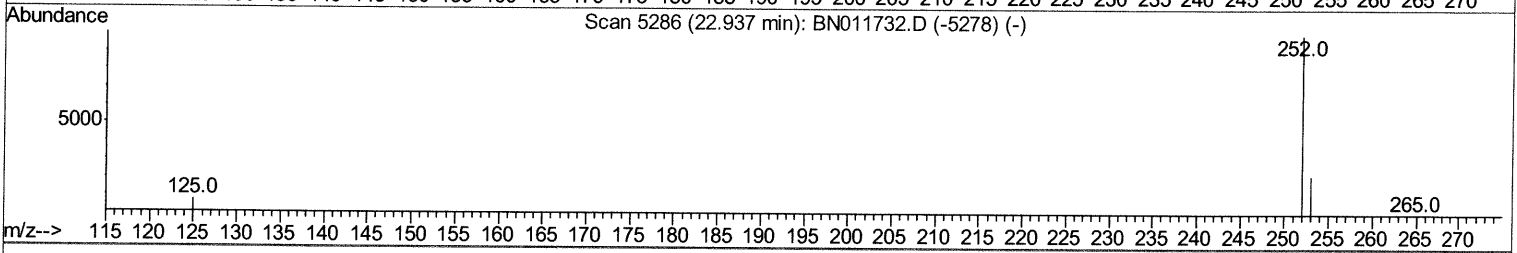
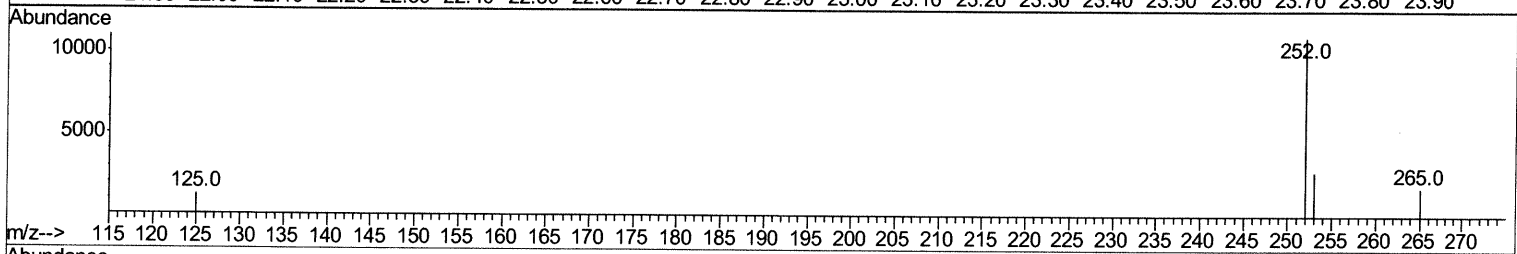
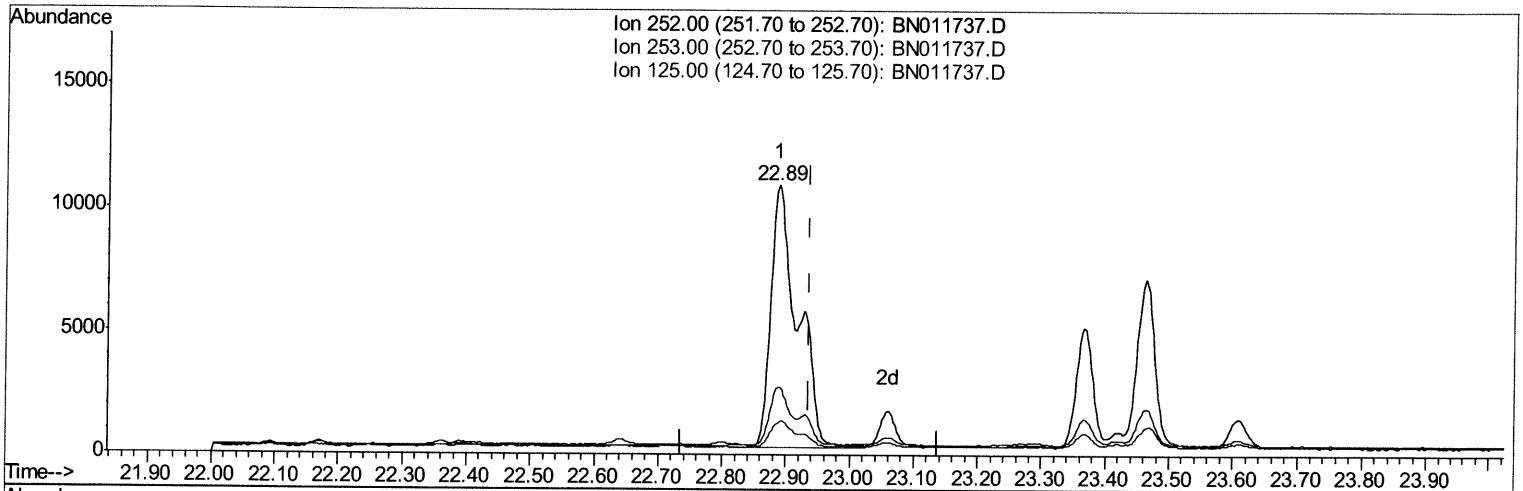
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\  
 Data File : BN011737.D  
 Acq On : 08 Sep 2020 15:17  
 Operator : CG/JU  
 Sample : L3843-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 C0AE1

**Manual Integrations**  
**APPROVED**

Sohil  
 9/9/2020 3:45:40 PM

Quant Time: Sep 08 15:47:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 08 14:34:47 2020  
 Response via : Initial Calibration



TIC: BN011737.D

(22) Benzo(k)fluoranthene  
 22.887min (-0.050) 0.72ng/ul  
 response 31115

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.90 | 24.98 |
| 125.00 | 12.10 | 11.62 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

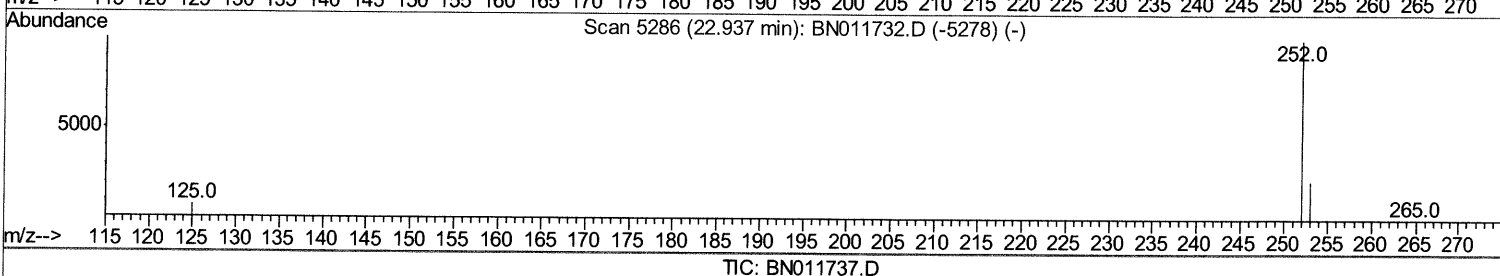
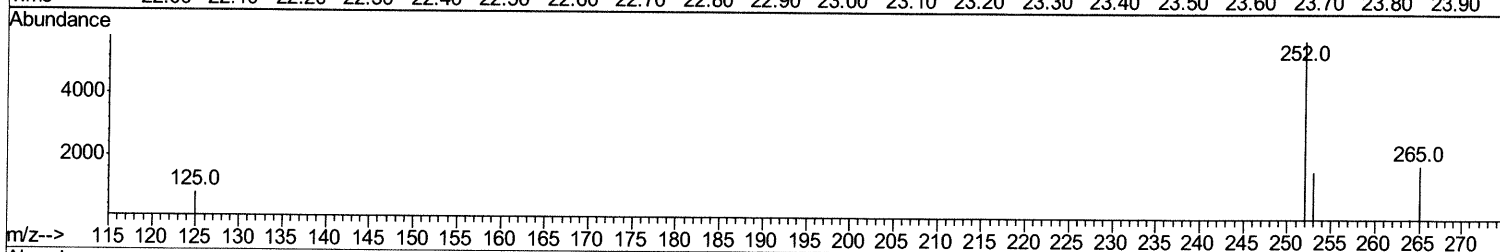
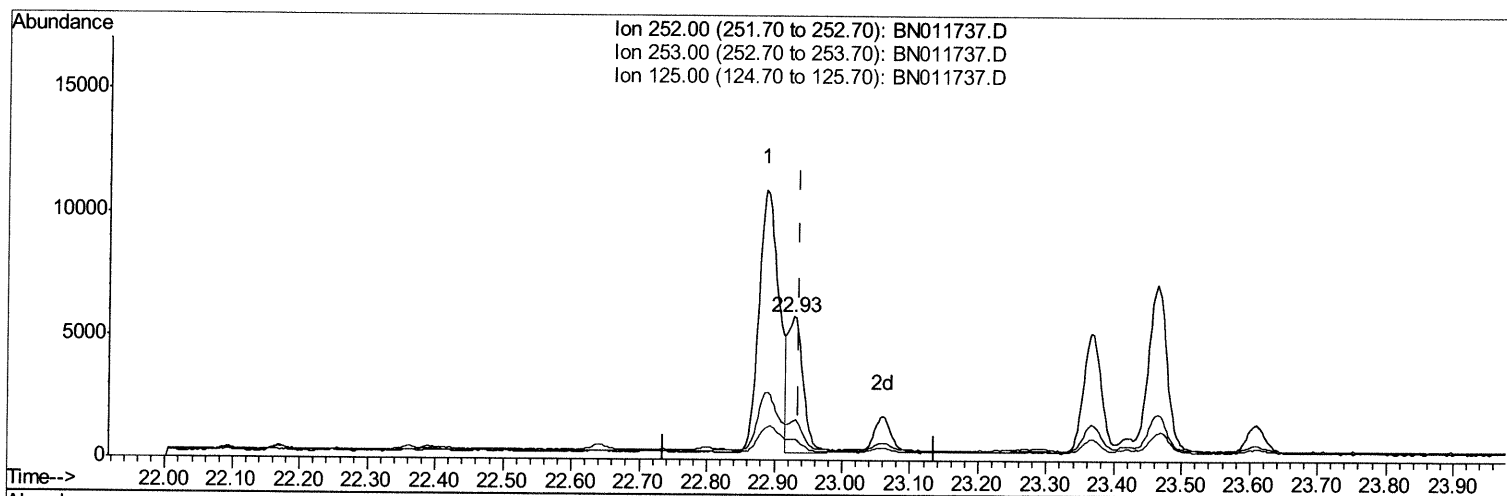
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\  
Data File : BN011737.D  
Acq On : 08 Sep 2020 15:17  
Operator : CG/JU  
Sample : L3843-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AE1

Manual Integrations  
APPROVED

Sohil  
9/9/2020 3:45:40 PM

Quant Time: Sep 08 15:47:43 2020  
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QLast Update : Tue Sep 08 14:34:47 2020  
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.928min (-0.009) 0.20ng/ul m 09/09/20 JU

response 8534

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.90 | 27.61 |
| 125.00 | 12.10 | 14.19 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\  
 Data File : BN011737.D  
 Acq On : 08 Sep 2020 15:17  
 Operator : CG/JU  
 Sample : L3843-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AE1

Manual Integrations  
 APPROVED

Sohil  
 9/9/2020 3:45:40 PM

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 2212     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.52 | 136  | 8304     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.38 | 164  | 4612     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.12 | 188  | 9707     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.31 | 240  | 8550     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.56 | 264  | 8945     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 2188     | 0.17 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.15 | 212  | 4708     | 0.18 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units   | Ovalue |
|----------------------------|-------|------|----------|-------|---------|--------|
| 3) Naphthalene             | 10.57 | 128  | 1466     | 0.060 | ng/ul#  | 91     |
| 7) Acenaphthylene          | 14.09 | 152  | 1850     | 0.083 | ng/ul   | 94     |
| 12) Phenanthrene           | 17.16 | 178  | 1167     | 0.036 | ng/ul#  | 87     |
| 13) Anthracene             | 17.25 | 178  | 2239     | 0.077 | ng/ul#  | 92     |
| 15) Fluoranthene           | 19.18 | 202  | 6336     | 0.175 | ng/ul   | 99     |
| 17) Pyrene                 | 19.54 | 202  | 26757    | 0.705 | ng/ul   | 98     |
| 18) Benzo(a)anthracene     | 21.29 | 228  | 4461m >  | 0.134 | ng/ul > | 97     |
| 19) Chrysene               | 21.35 | 228  | 10482    | 0.282 | ng/ul   | 97     |
| 21) Benzo(b)fluoranthene   | 22.89 | 252  | 22740m } | 0.542 | ng/ul } | 97     |
| 22) Benzo(k)fluoranthene   | 22.93 | 252  | 8534m }  | 0.198 | ng/ul } | 97     |
| 23) Benzo(a)pyrene         | 23.46 | 252  | 13044    | 0.360 | ng/ul   | 99     |
| 24) Indeno(1,2,3-cd)pyrene | 25.82 | 276  | 8005     | 0.168 | ng/ul#  | 100    |
| 25) Dibenzo(a,h)anthracene | 25.83 | 278  | 2548     | 0.066 | ng/ul#  | 80     |
| 26) Benzo(g,h,i)perylene   | 26.51 | 276  | 6034     | 0.145 | ng/ul   | 95     |

09/09/20 JU  
 09/09/20 JU

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