

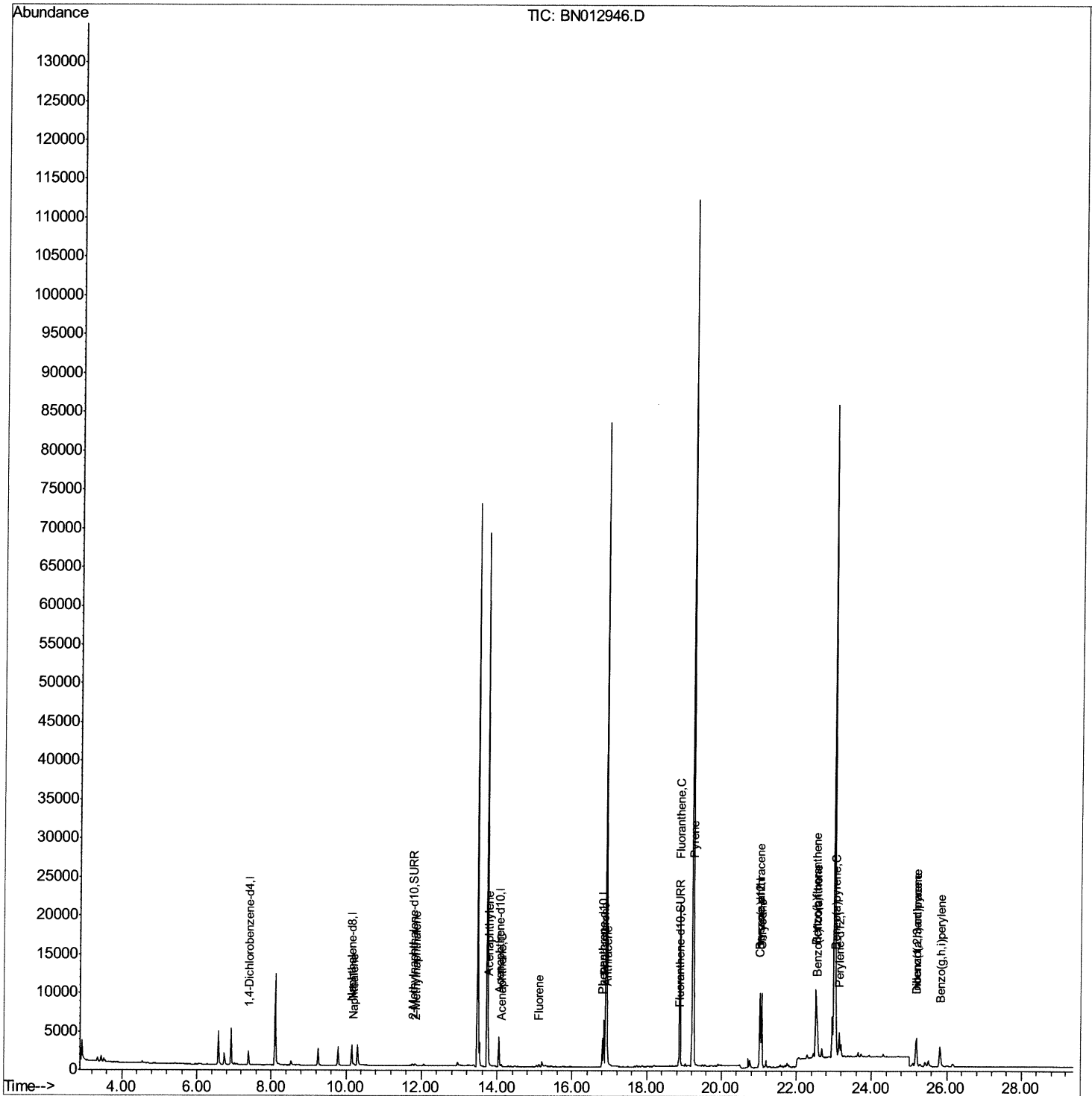
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
Data File : BN012946.D  
Acq On : 07 Dec 2020 19:19  
Operator : CG/JU  
Sample : L4859-03DL 2X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B93DL

Manual Integrations  
APPROVED

mohammad  
12/9/2020 12:21:26 PM

Quant Time: Dec 08 00:35:25 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 : Tue Dec 08 00:15:39 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

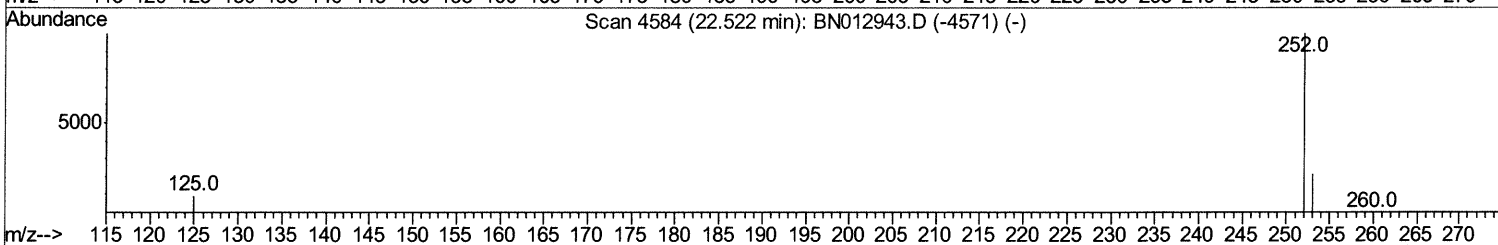
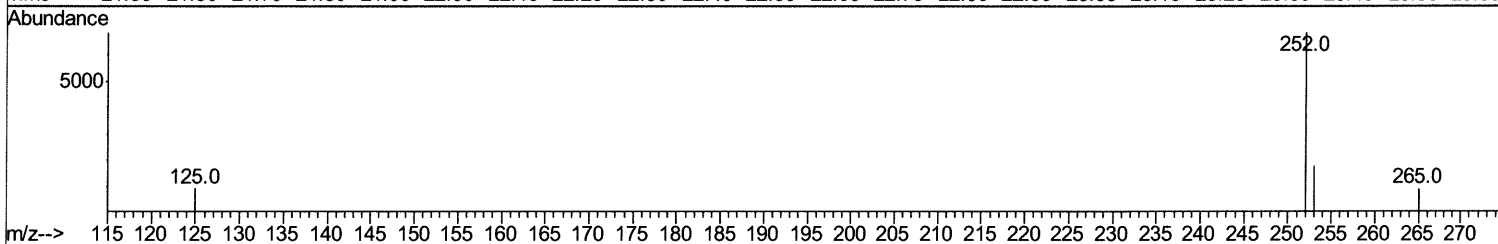
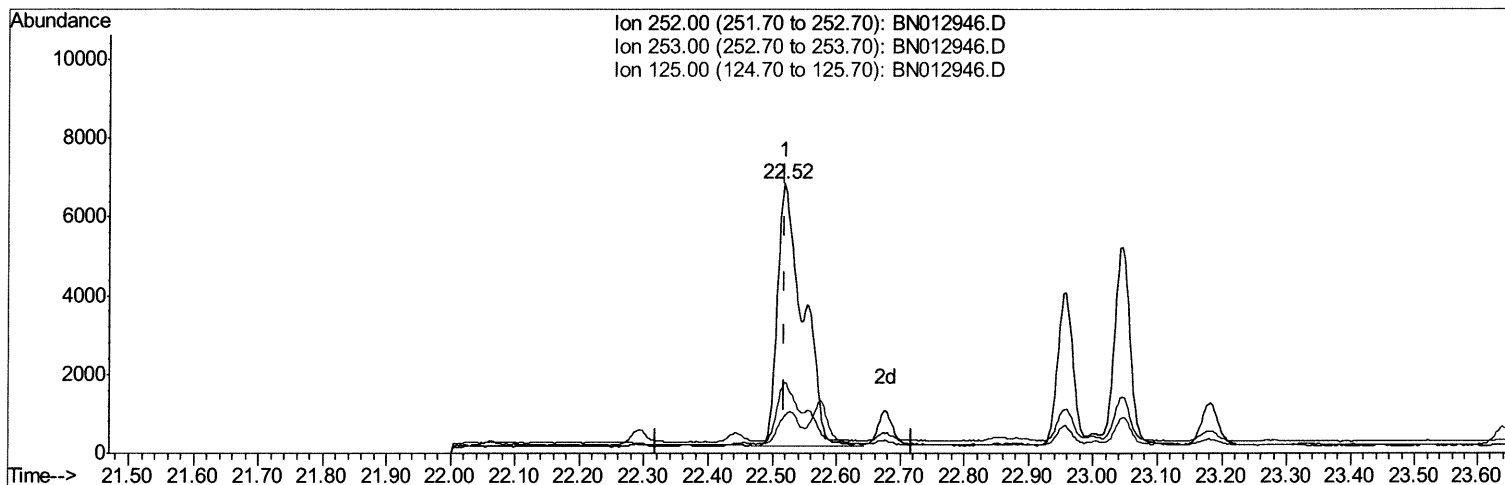
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Quant Time: Dec 08 00:16:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
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(21) Benzo(b)fluoranthene  
 22.519min (-0.000) 1.10ng/ul  
 response 18490

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 26.31 |
| 125.00 | 13.00 | 13.67 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

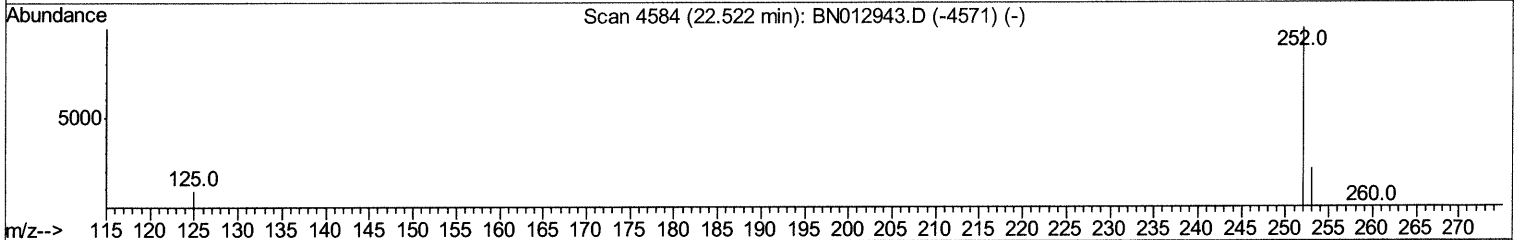
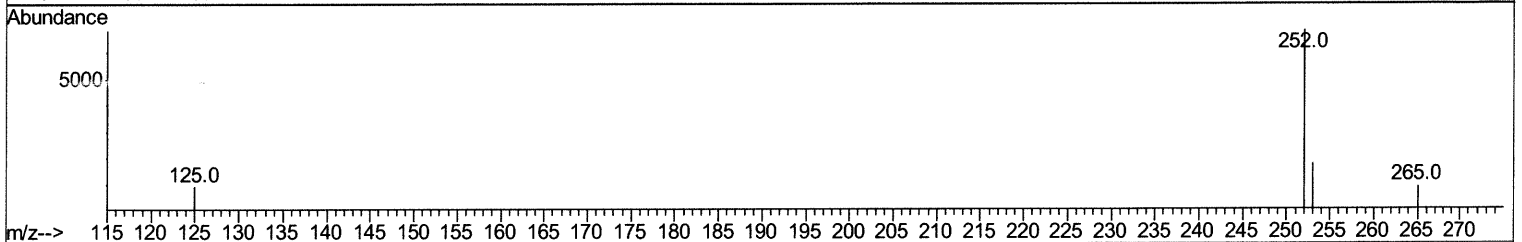
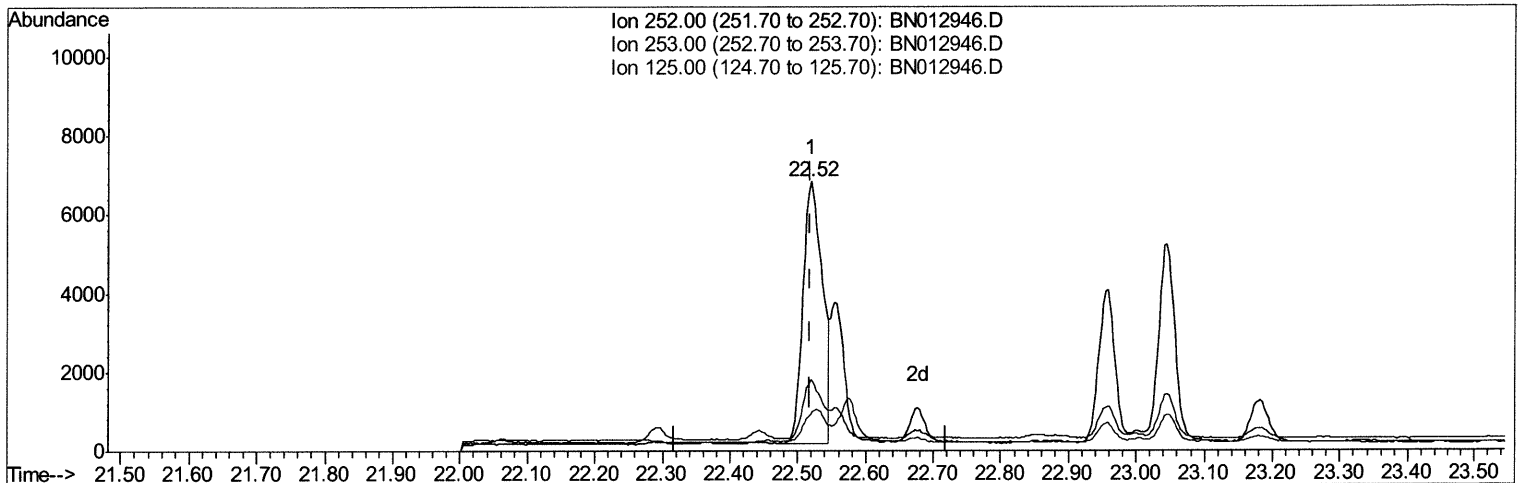
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TIC: BN012946.D

(21) Benzo(b)fluoranthene

22.519min (-0.000) 0.79ng/ul m 12/09/2020

response 13266

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 26.31 |
| 125.00 | 13.00 | 13.67 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

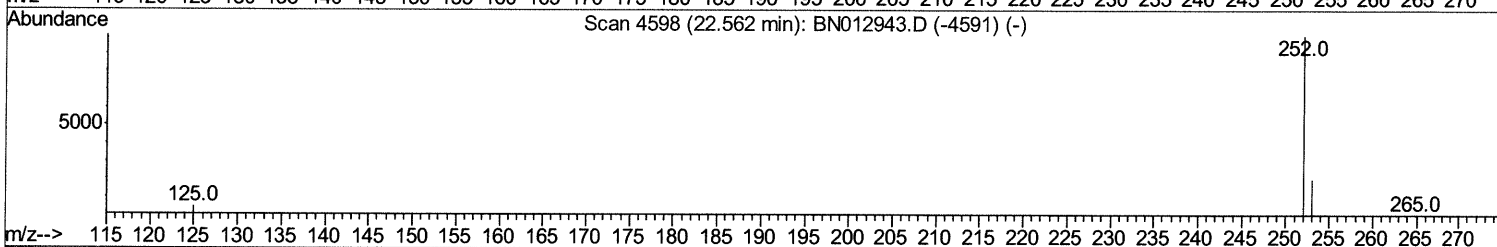
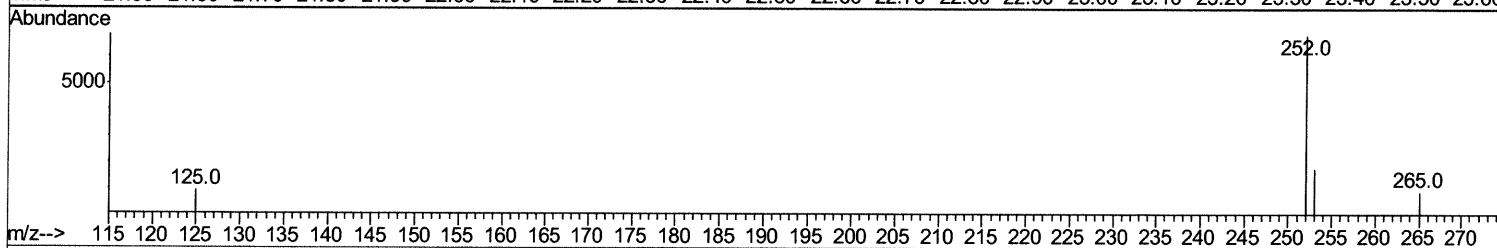
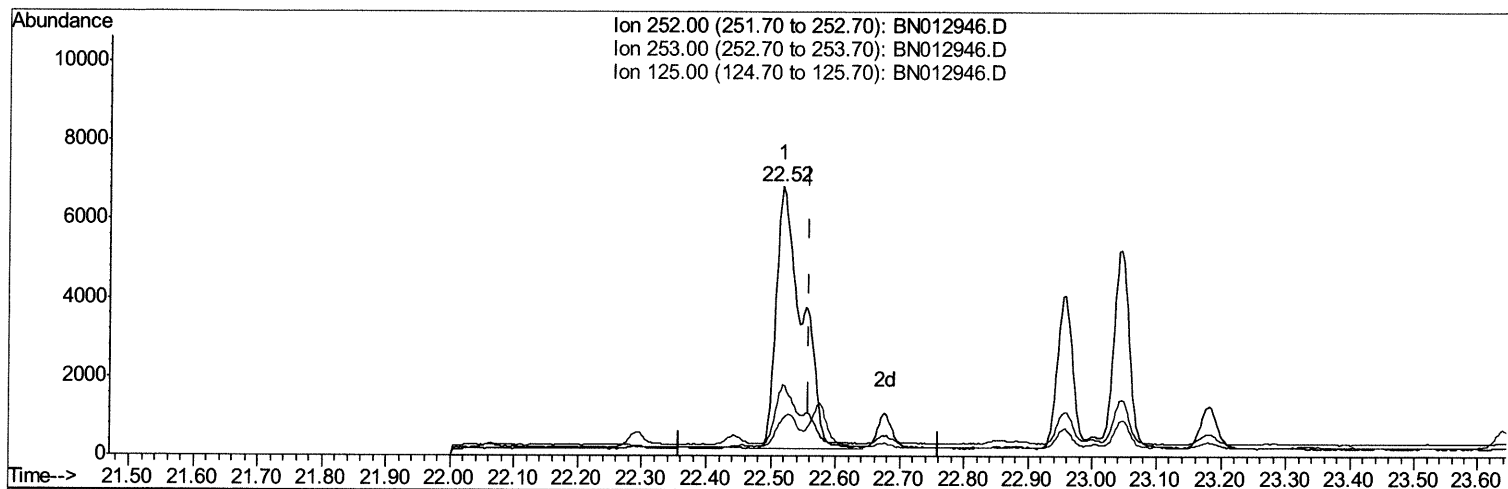
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
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 Sample : L4859-03DL 2X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

**Instrument :**  
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**ClientSampleId :**  
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**Manual Integrations**  
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(22) Benzo(k)fluoranthene  
 22.519min (-0.041) 0.99ng/ul  
 response 18490

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 26.31 |
| 125.00 | 13.90 | 13.67 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

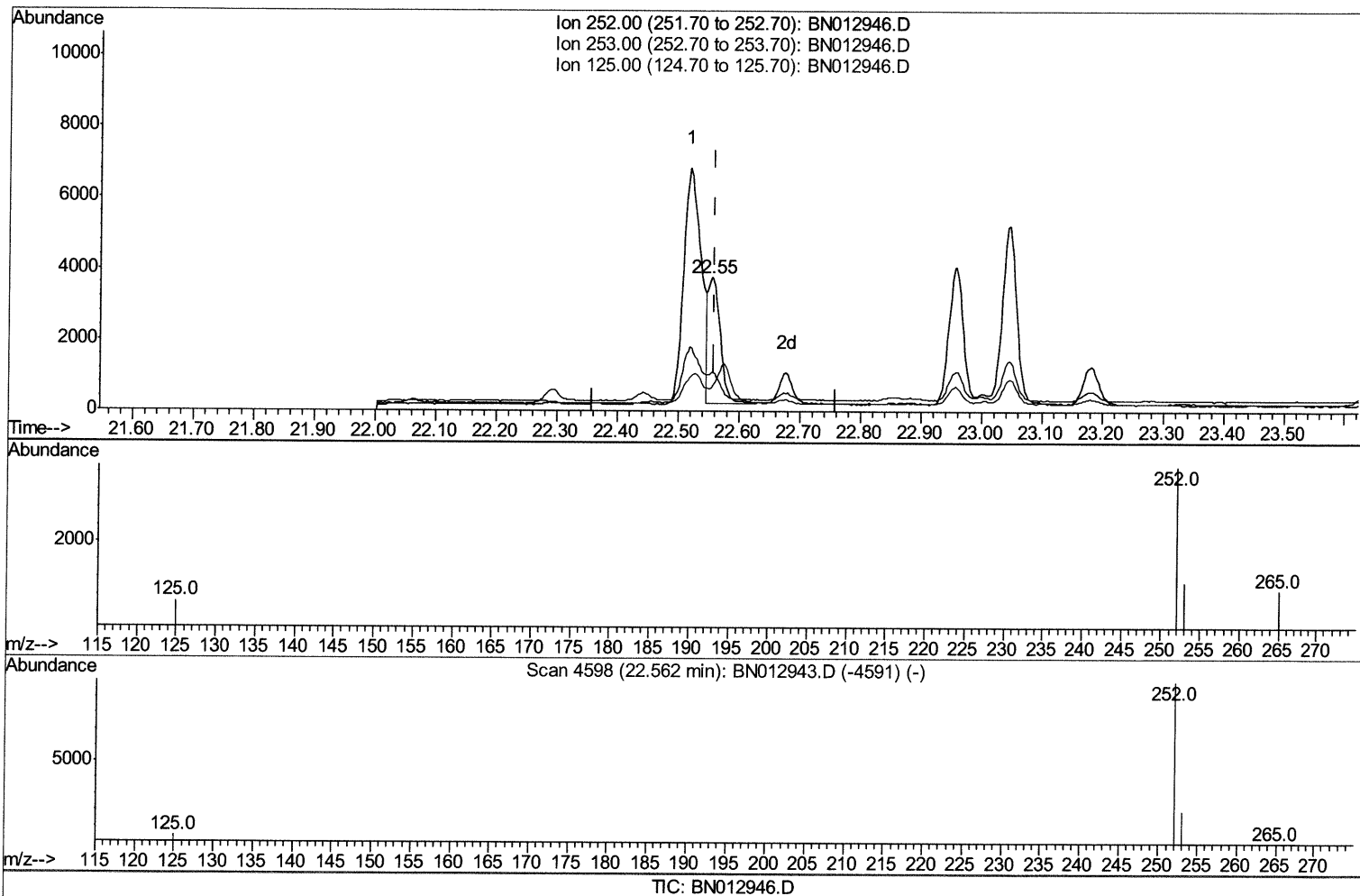
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
 Data File : BN012946.D  
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 Operator : CG/JU  
 Sample : L4859-03DL 2X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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 Response via : Initial Calibration



TIC: BN012946.D

(22) Benzo(k)fluoranthene

22.554min (-0.006) 0.27ng/ul m 12/09/20 JU

response 4955

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 28.99  |
| 125.00 | 13.90 | 17.17# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
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 Sample : L4859-03DL 2X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 877      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.15 | 136  | 3573     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.05 | 164  | 2024     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.81 | 188  | 4245     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.03 | 240  | 3596     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.14 | 264  | 3640     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.76 | 152  | 425      | 0.08 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.86 | 212  | 986      | 0.09 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue     |
|----------------------------|-------|------|----------|-------|--------|------------|
| 3) Naphthalene             | 10.20 | 128  | 299      | 0.029 | ng/ul# | 65         |
| 5) 2-Methylnaphthalene     | 11.84 | 142  | 169      | 0.025 | ng/ul  | 96         |
| 7) Acenaphthylene          | 13.77 | 152  | 433      | 0.045 | ng/ul# | 79         |
| 8) Acenaphthene            | 14.12 | 153  | 179      | 0.023 | ng/ul# | 91         |
| 9) Fluorene                | 15.11 | 166  | 215      | 0.024 | ng/ul# | 92         |
| 12) Phenanthrene           | 16.85 | 178  | 6376     | 0.448 | ng/ul  | 99         |
| 13) Anthracene             | 16.94 | 178  | 1053     | 0.087 | ng/ul# | 91         |
| 15) Fluoranthene           | 18.88 | 202  | 18041    | 1.067 | ng/ul  | 98         |
| 17) Pyrene                 | 19.25 | 202  | 17146    | 1.009 | ng/ul  | 99         |
| 18) Benzo(a)anthracene     | 21.02 | 228  | 7661     | 0.515 | ng/ul  | 99         |
| 19) Chrysene               | 21.07 | 228  | 9687     | 0.589 | ng/ul  | 99         |
| 21) Benzo(b)fluoranthene   | 22.52 | 252  | 13266m   | 0.788 | ng/ul  | 12/09/2020 |
| 22) Benzo(k)fluoranthene   | 22.55 | 252  | 4955m    | 0.266 | ng/ul  |            |
| 23) Benzo(a)pyrene         | 23.04 | 252  | 8468     | 0.542 | ng/ul  | 93         |
| 24) Indeno(1,2,3-cd)pyrene | 25.19 | 276  | 5711     | 0.278 | ng/ul# | 97         |
| 25) Dibenzo(a,h)anthracene | 25.19 | 278  | 1348     | 0.083 | ng/ul# | 75         |
| 26) Benzo(a,h,i)perylene   | 25.82 | 276  | 5191     | 0.280 | ng/ul  | 99         |

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