

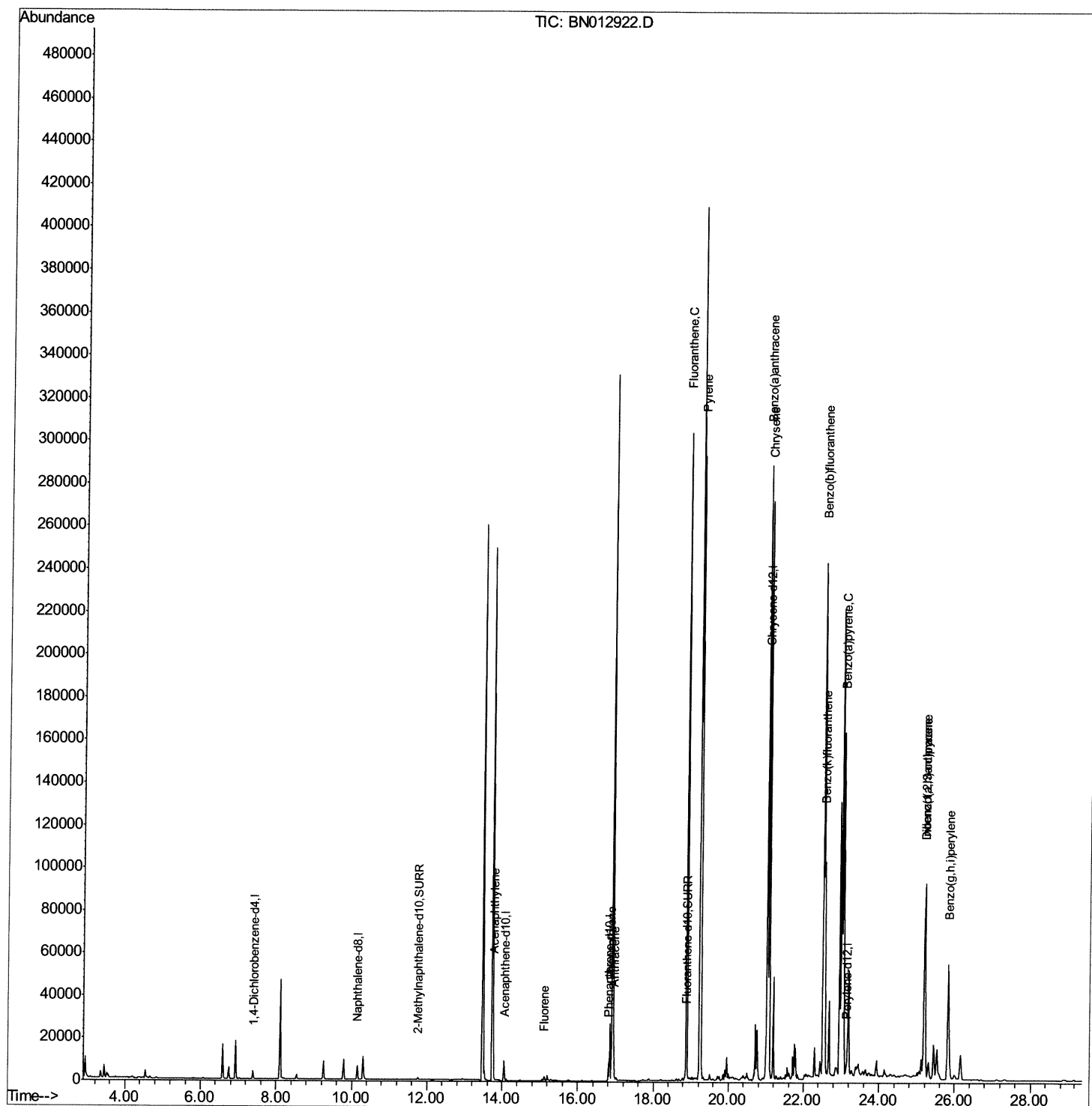
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\  
Data File : BN012922.D  
Acq On : 06 Dec 2020 17:53  
Operator : CG/JU  
Sample : L4864-22  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B68

Manual Integrations  
APPROVED

mohammad  
12/7/2020 2:11:49 PM

Quant Time: Dec 07 03:31:40 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 : Mon Dec 07 03:06:53 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

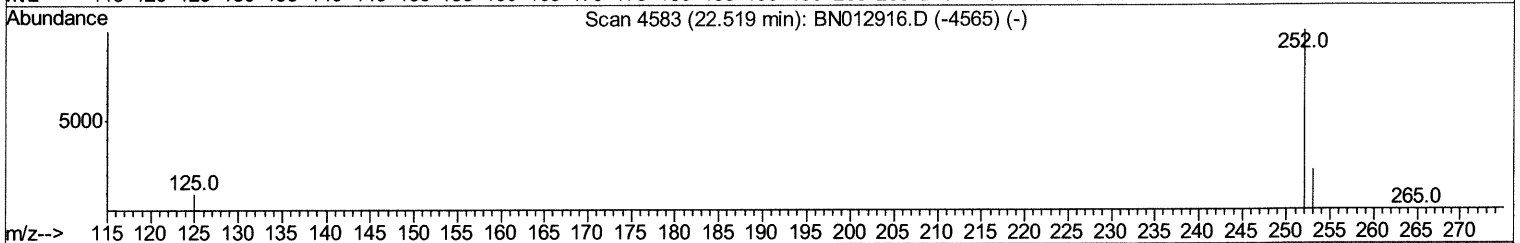
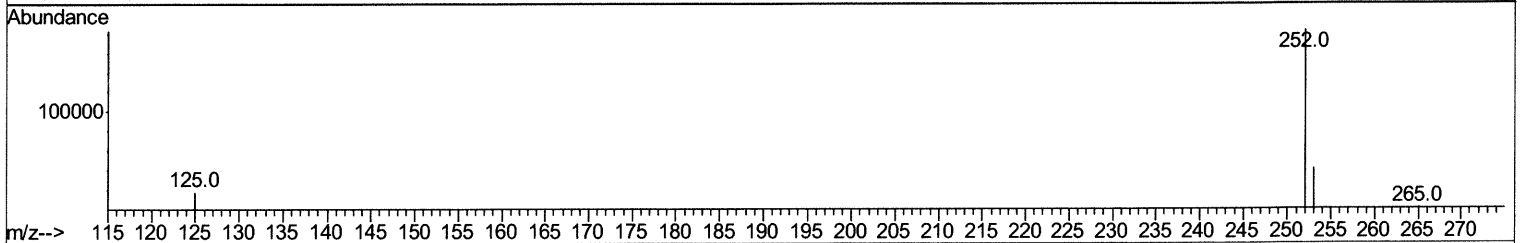
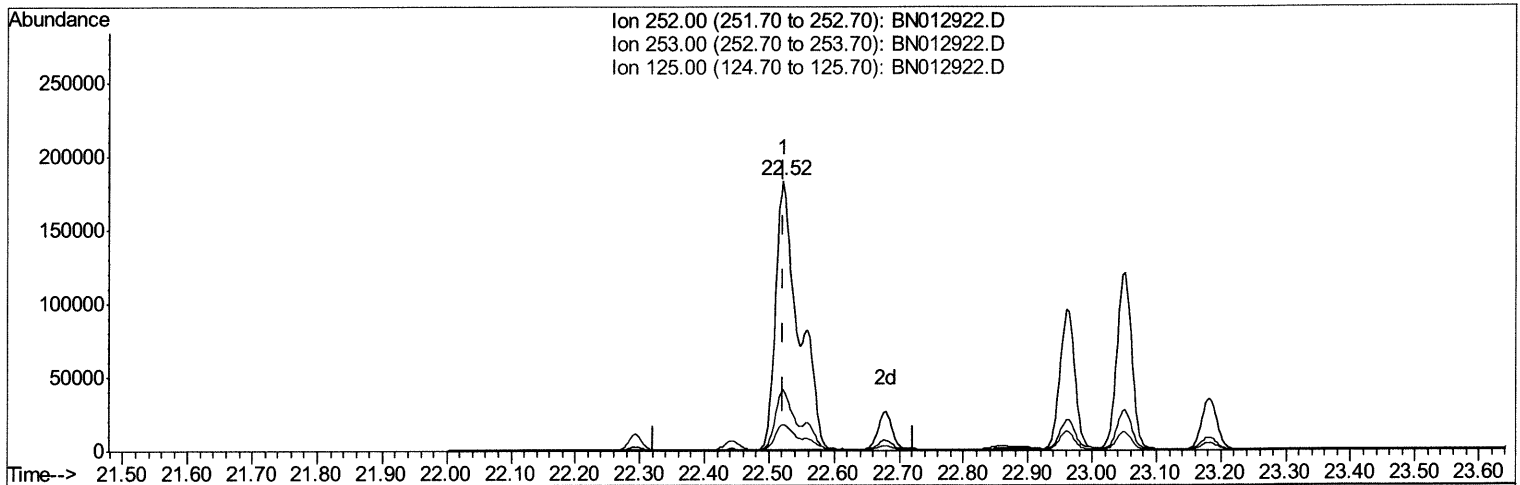
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TIC: BN012922.D

(21) Benzo(b)fluoranthene  
22.522min (-0.000) 15.59ng/ul  
response 452585

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 22.53 |
| 125.00 | 13.00 | 9.70  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

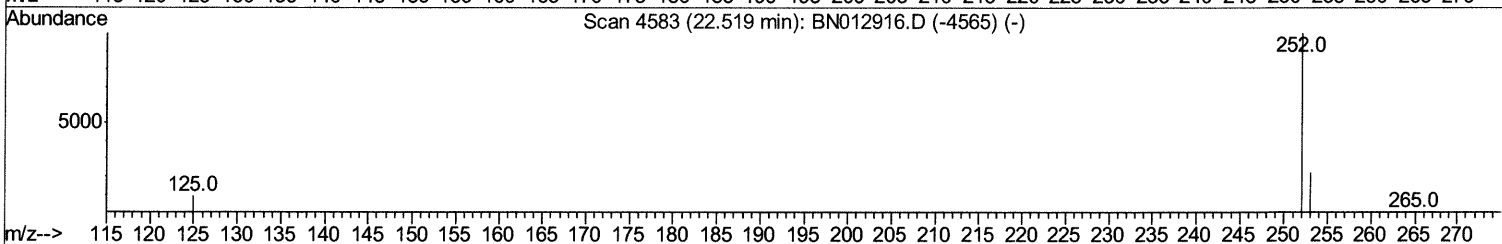
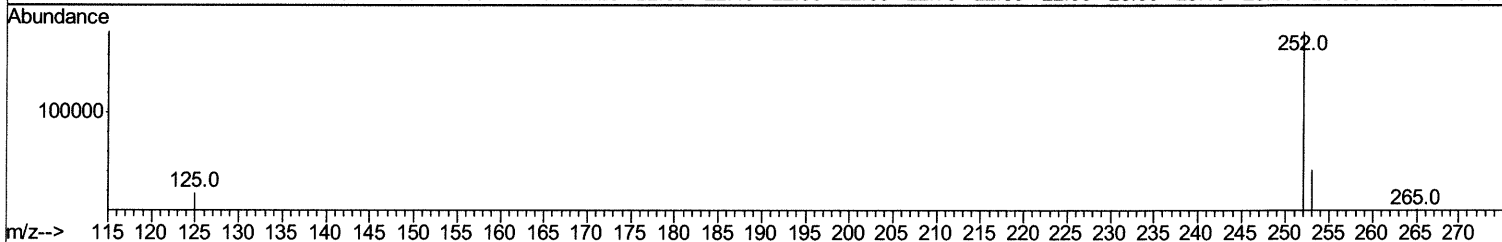
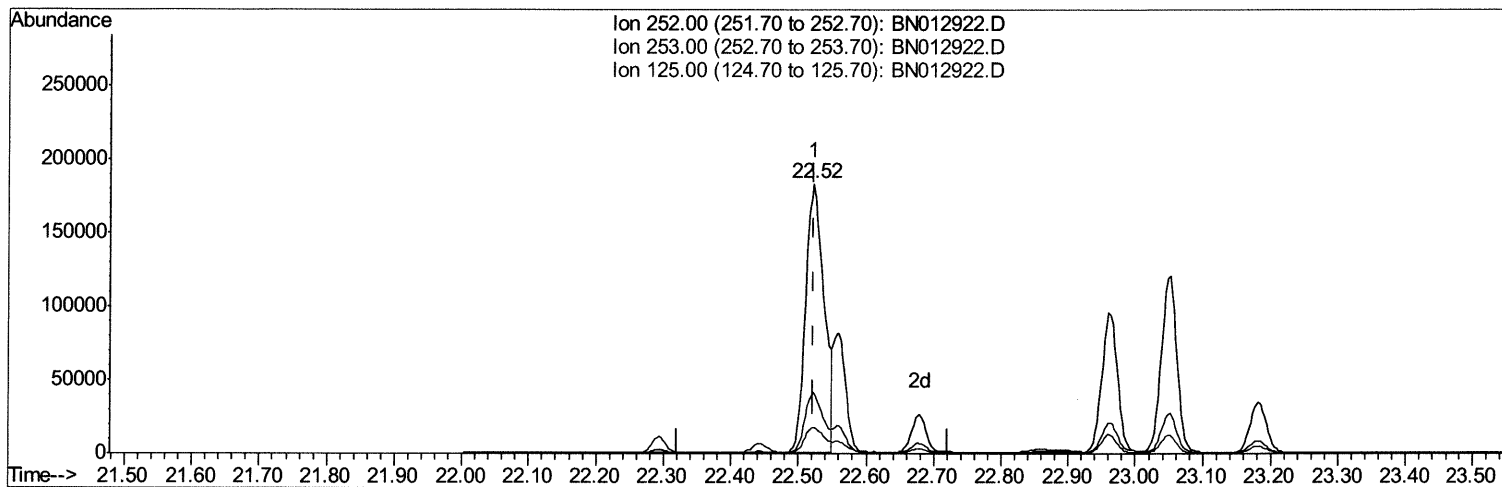
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 Operator : CG/JU  
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 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
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TIC: BN012922.D

(21) Benzo(b)fluoranthene

22.522min (-0.000) 11.86ng/ul m 12/09/2024

response 344330

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 22.53 |
| 125.00 | 13.00 | 9.70  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

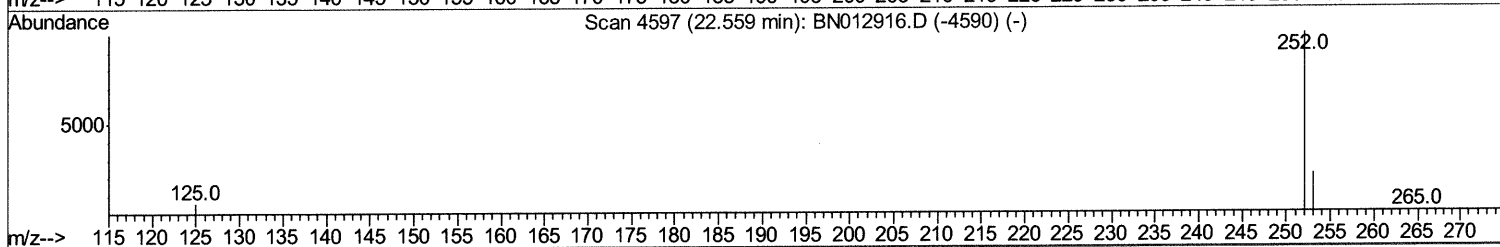
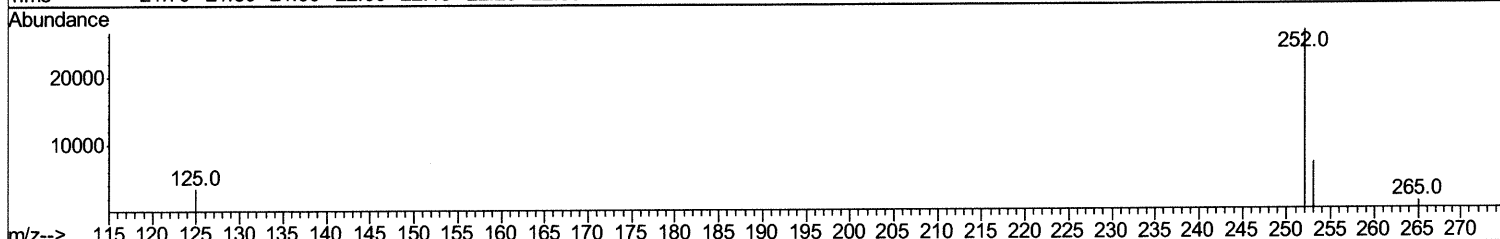
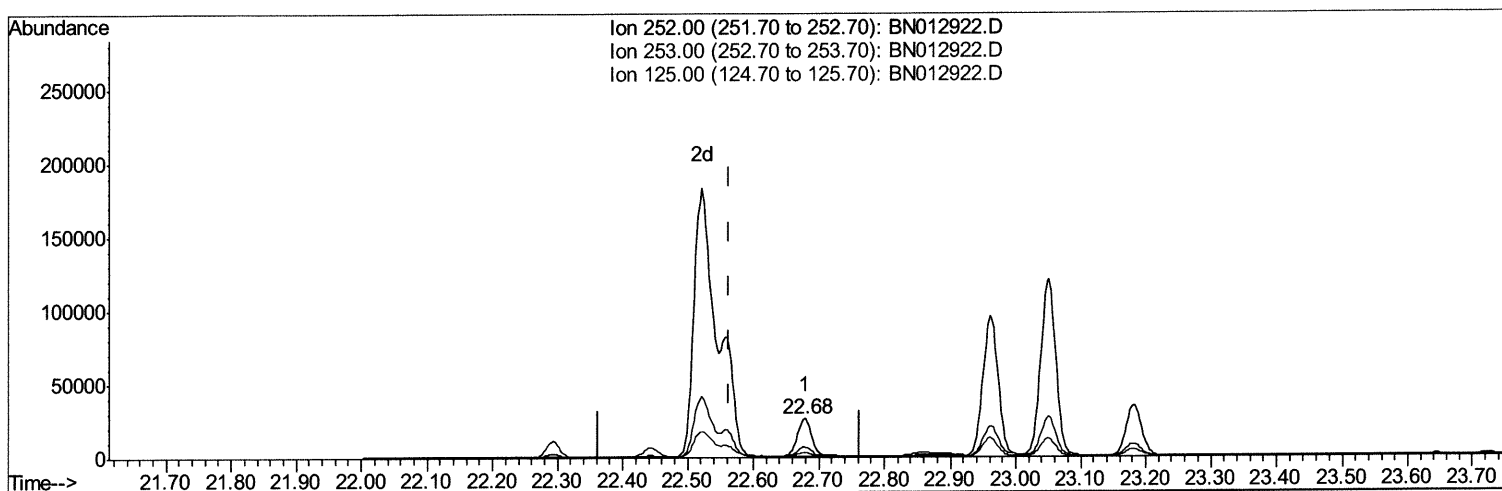
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\  
Data File : BN012922.D  
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ALS Vial : 36 Sample Multiplier: 1

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TIC: BN012922.D

(22) Benzo(k)fluoranthene  
22.680min (+0.117) 1.25ng/ul  
response 40114

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 26.59 |
| 125.00 | 13.90 | 12.67 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

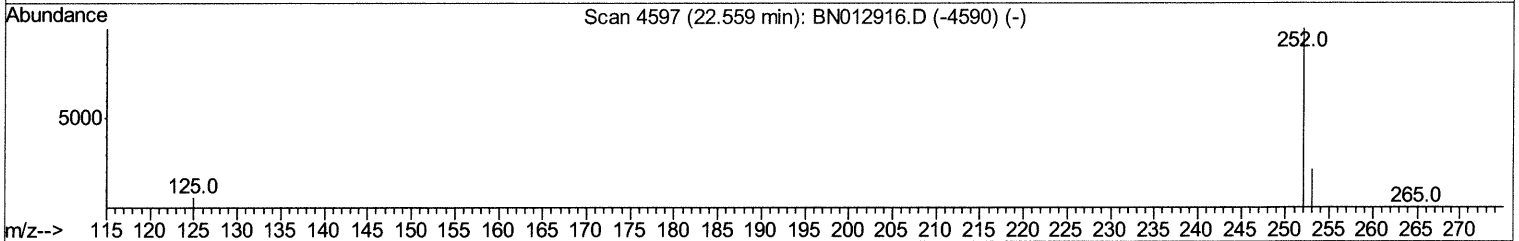
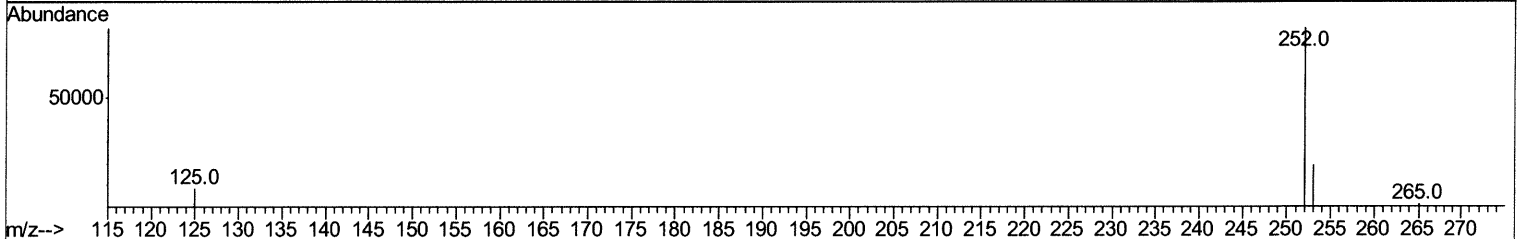
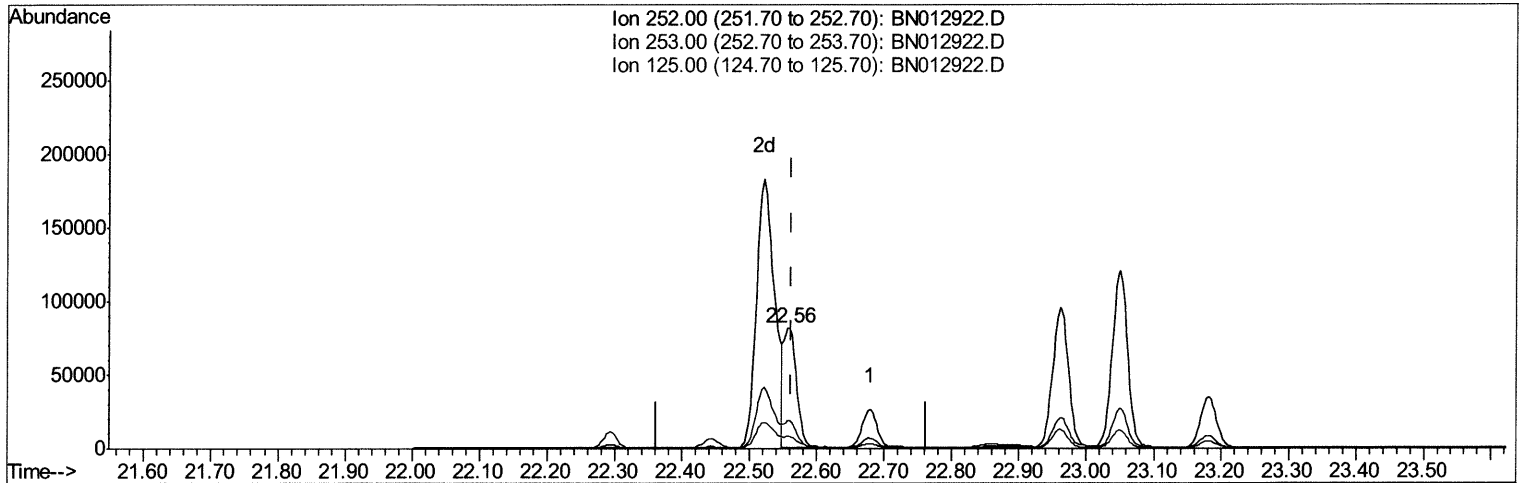
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 Operator : CG/JU  
 Sample : L4864-22  
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 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
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TIC: BN012922.D

(22) Benzo(k)fluoranthene

22.557min (-0.006) 3.29ng/ul m 12/09/2024

response 105640

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 23.14# |
| 125.00 | 13.90 | 10.19# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\  
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 Operator : CG/JU  
 Sample : L4864-22  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|--------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.39  | 152  | 2097     | 0.40   | ng/ul  | 0.00         |
| 2) Naphthalene-d8           | 10.15 | 136  | 8673     | 0.40   | ng/ul  | -0.01        |
| 6) Acenaphthene-d10         | 14.06 | 164  | 4795     | 0.40   | ng/ul  | 0.00         |
| 10) Phenanthrene-d10        | 16.81 | 188  | 10183    | 0.40   | ng/ul  | 0.00         |
| 16) Chrysene-d12            | 21.04 | 240  | 7614     | 0.40   | ng/ul  | 0.00         |
| 20) Perylene-d12            | 23.14 | 264  | 6274     | 0.40   | ng/ul  | 0.00         |
| System Monitoring Compounds |       |      |          |        |        |              |
| 4) 2-Methylnaphthalene-d10  | 11.76 | 152  | 1605     | 0.12   | ng/ul  | -0.02        |
| 14) Fluoranthene-d10        | 18.86 | 212  | 3670     | 0.13   | ng/ul  | 0.00         |
| Target Compounds            |       |      |          |        |        |              |
|                             |       |      |          |        | Ovalue |              |
| 7) Acenaphthylene           | 13.77 | 152  | 605      | 0.027  | ng/ul# | 79           |
| 9) Fluorene                 | 15.12 | 166  | 1366     | 0.064  | ng/ul  | 99           |
| 12) Phenanthrene            | 16.85 | 178  | 27045    | 0.792  | ng/ul  | 97           |
| 13) Anthracene              | 16.95 | 178  | 19920    | 0.686  | ng/ul  | 94           |
| 15) Fluoranthene            | 18.88 | 202  | 248972   | 6.137  | ng/ul  | 99           |
| 17) Pyrene                  | 19.26 | 202  | 241268   | 6.709  | ng/ul  | 100          |
| 18) Benzo(a)anthracene      | 21.02 | 228  | 234588   | 7.447  | ng/ul  | 98           |
| 19) Chrysene                | 21.07 | 228  | 259145   | 7.445  | ng/ul  | 98           |
| 21) Benzo(b)fluoranthene    | 22.52 | 252  | 344330m  | 11.863 | ng/ul  | } 12/09/2024 |
| 22) Benzo(k)fluoranthene    | 22.56 | 252  | 105640m  | 3.293  | ng/ul  |              |
| 23) Benzo(a)pyrene          | 23.05 | 252  | 194981   | 7.240  | ng/ul# | 82           |
| 24) Indeno(1,2,3-cd)pyrene  | 25.20 | 276  | 129961   | 3.674  | ng/ul# | 98           |
| 25) Dibenzo(a,h)anthracene  | 25.20 | 278  | 33774    | 1.207  | ng/ul  | 92           |
| 26) Benzo(g,h,i)perylene    | 25.83 | 276  | 102850   | 3.214  | ng/ul  | 96           |

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