

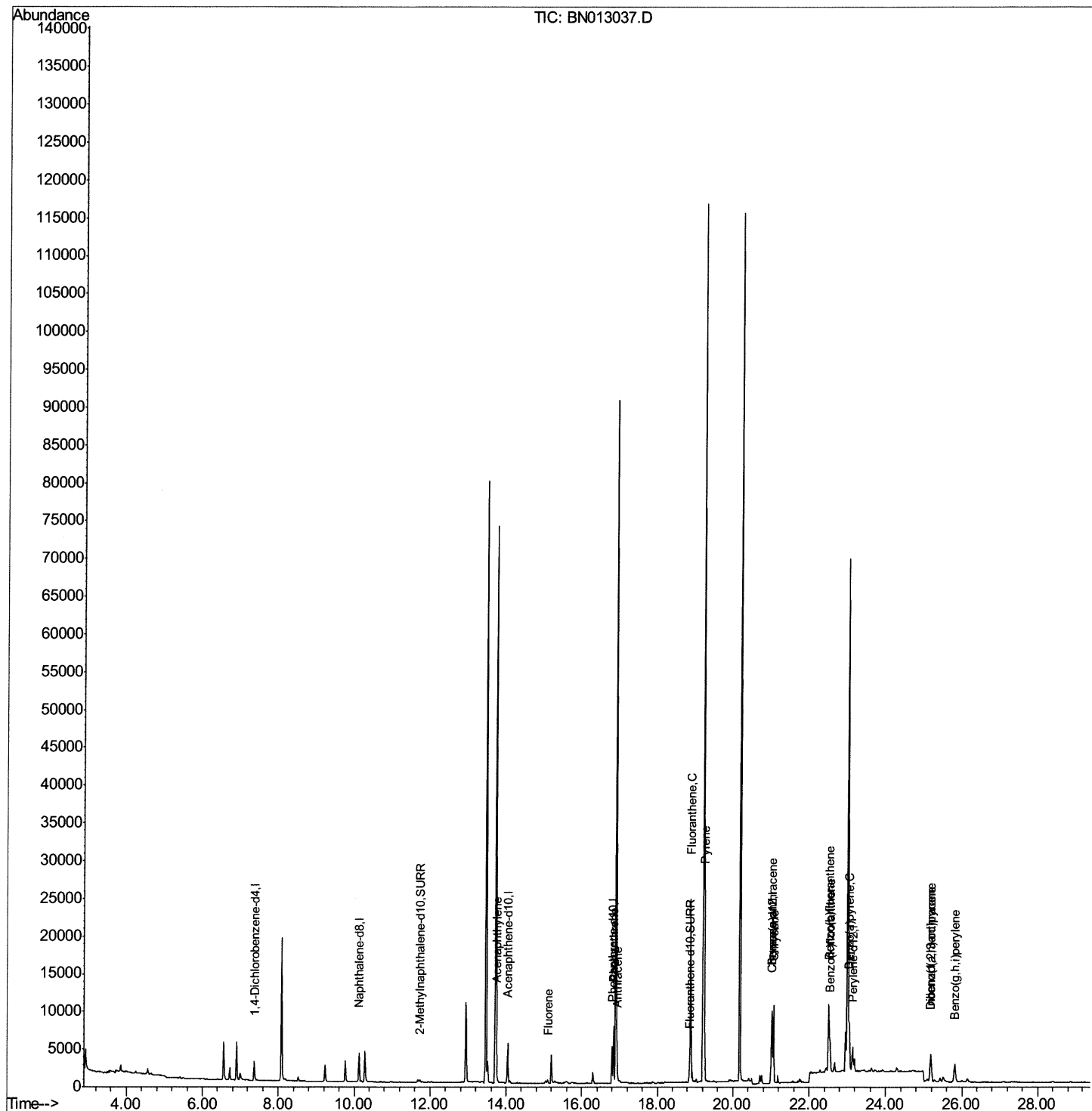
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
Data File : BN013037.D  
Acq On : 10 Dec 2020 09:03  
Operator : CG/JU  
Sample : L4941-05DL 2X  
Misc :  
ALS Vial : 107 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AY4DL

Manual Integrations  
APPROVED

mohammad  
12/11/2020 1:18:51 PM

Quant Time: Dec 10 10:31:56 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 : Thu Dec 10 10:29:27 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

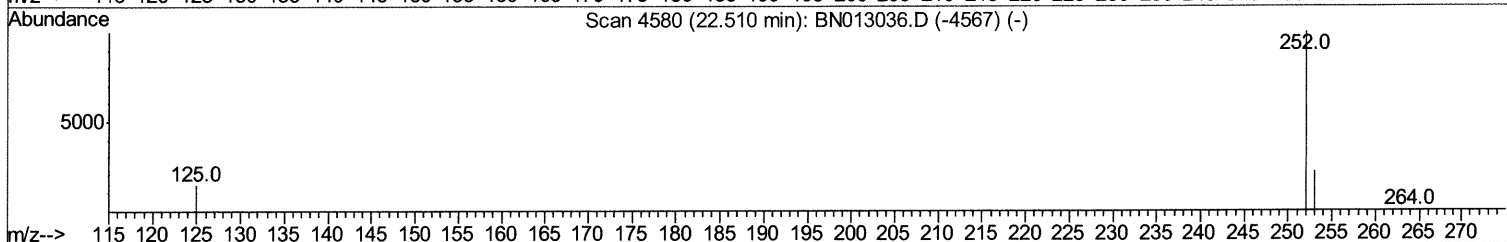
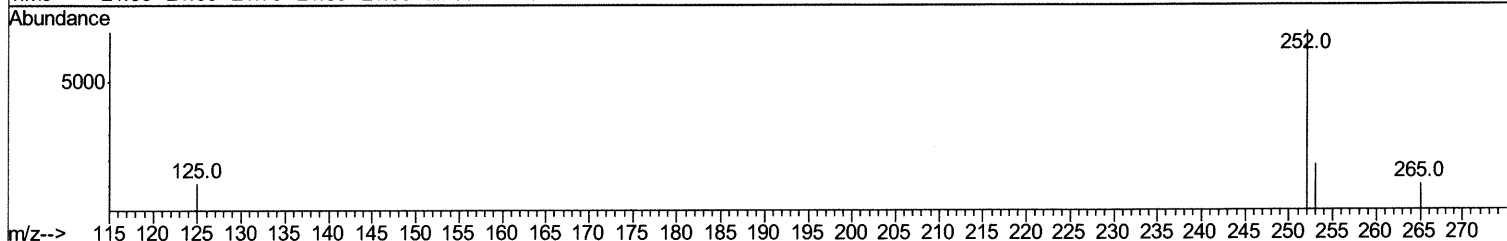
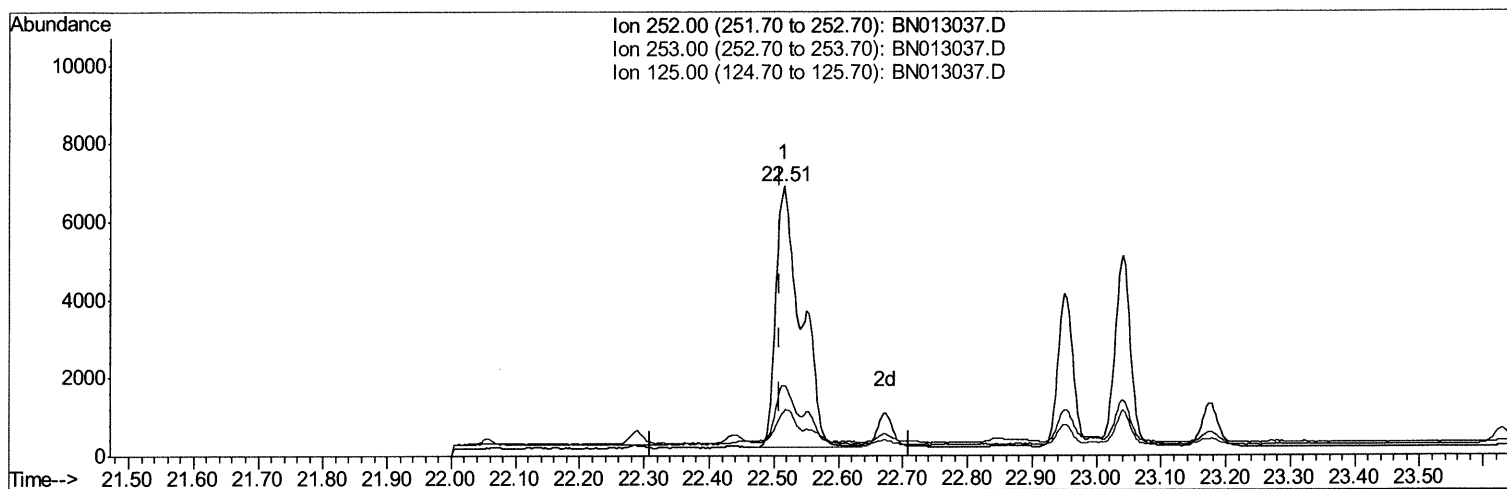
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Quant Time: Dec 10 10:30:06 2020  
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TIC: BN013037.D

(21) Benzo(b)fluoranthene

22.515min (+0.005) 1.05ng/ul

response 18189

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 25.93 |
| 125.00 | 13.00 | 16.25 |
| 0.00   | 0.00  | 0.00  |

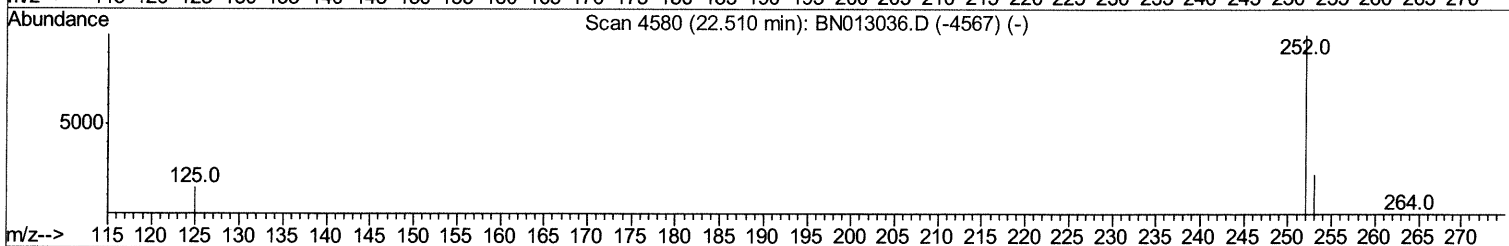
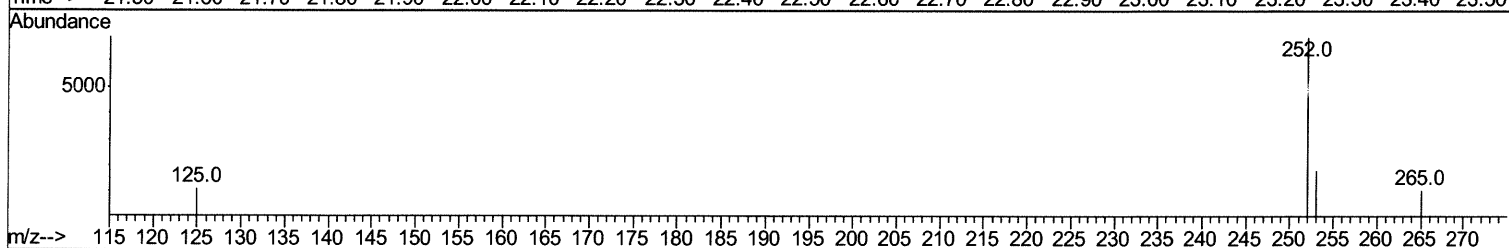
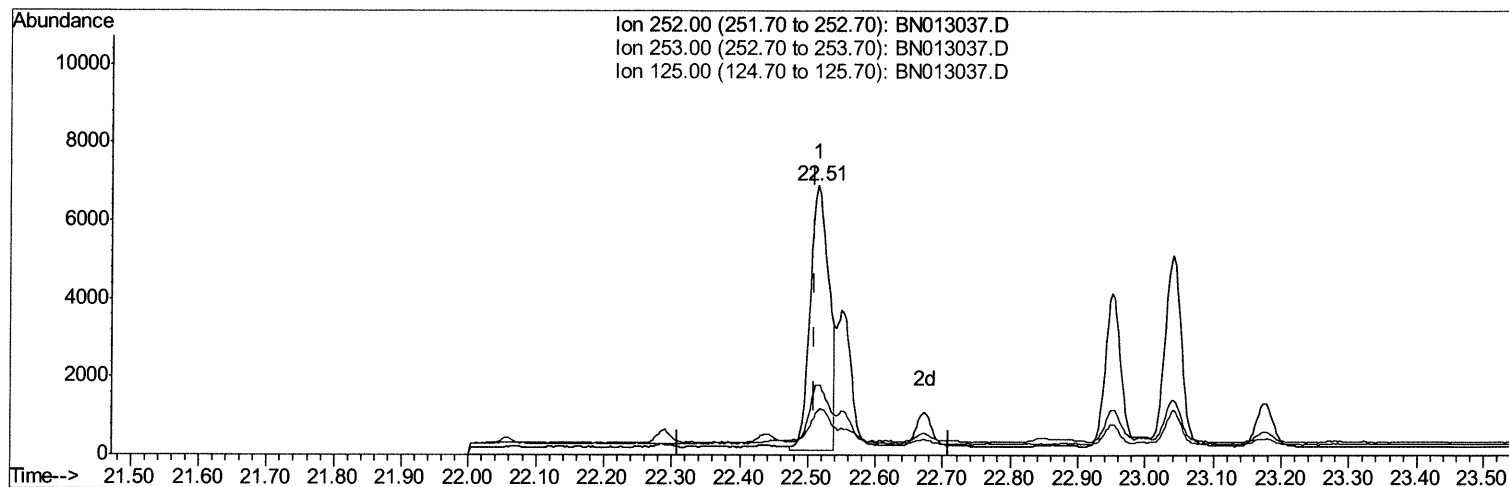
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TIC: BN013037.D

(21) Benzo(b)fluoranthene

22.515min (+0.005) 0.75ng/ul m 12/14/2020

response 13058

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 25.93 |
| 125.00 | 13.00 | 16.25 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

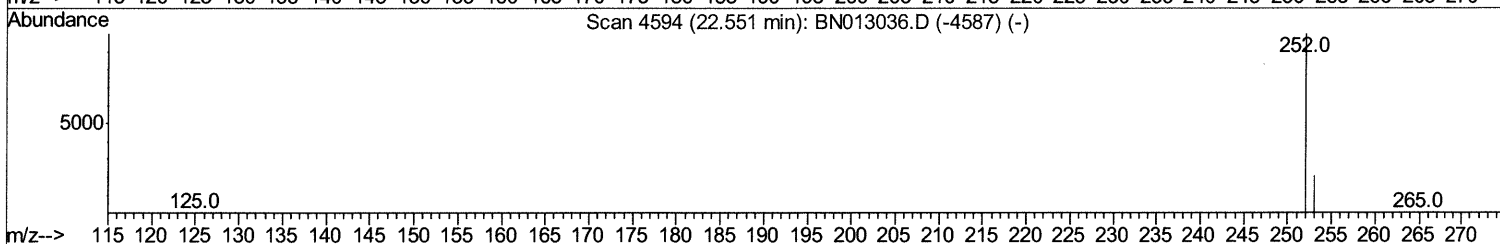
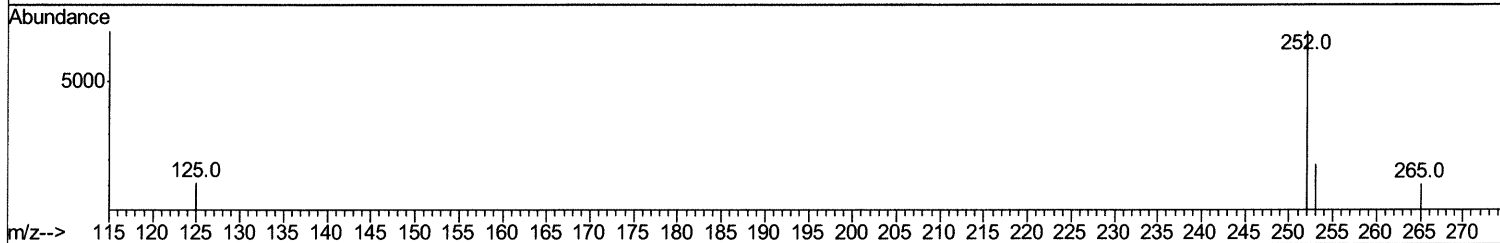
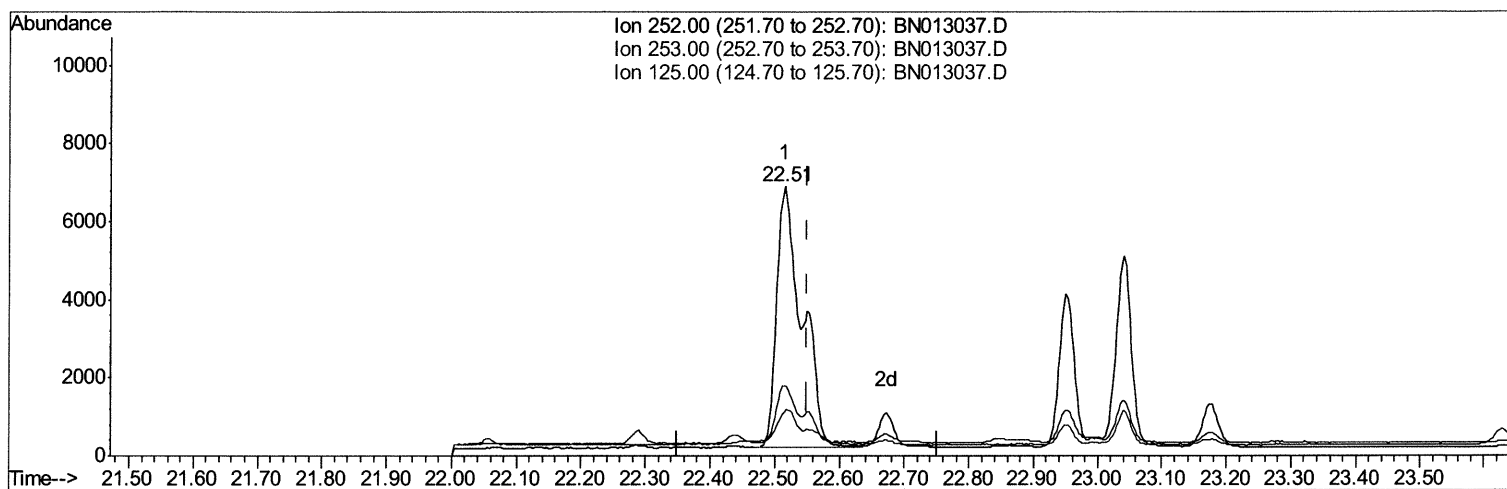
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
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ALS Vial : 107 Sample Multiplier: 1

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Manual Integrations  
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TIC: BN013037.D

(22) Benzo(k)fluoranthene

22.515min (-0.036) 0.95ng/ul

response 18189

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 25.93 |
| 125.00 | 13.90 | 16.25 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

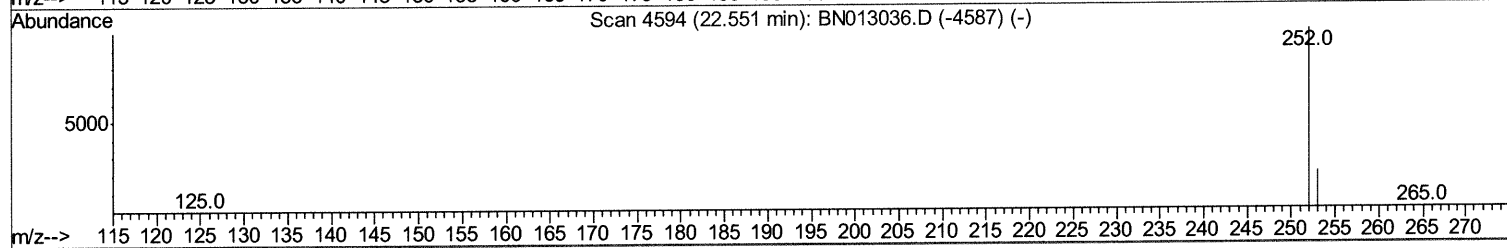
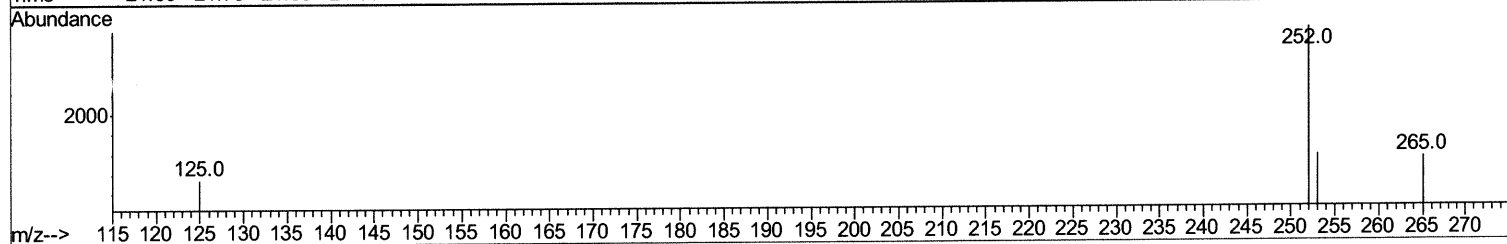
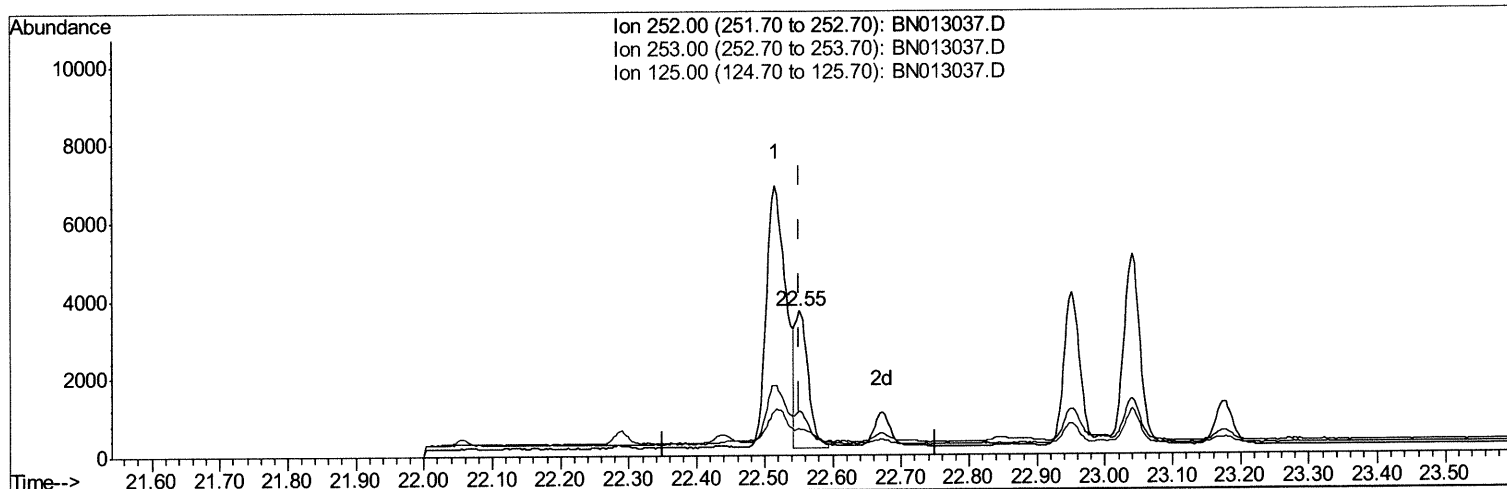
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 Data File : BN013037.D  
 Acq On : 10 Dec 2020 09:03  
 Operator : CG/JU  
 Sample : L4941-05DL 2X  
 Misc :  
 ALS Vial : 107 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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 Response via : Initial Calibration



TIC: BN013037.D

(22) Benzo(k)fluoranthene

22.550min (-0.001) 0.25ng/ul m 12/14/2024

response 4795

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 30.44  |
| 125.00 | 13.90 | 18.39# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
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 Misc :  
 ALS Vial : 107 Sample Multiplier: 1

Instrument :  
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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   | 7.37  | 152  | 1293                | 0.40  | ng/ul              | -0.01      |
| 2) Naphthalene-d8           | 10.13 | 136  | 5152                | 0.40  | ng/ul              | -0.01      |
| 6) Acenaphthene-d10         | 14.04 | 164  | 2846                | 0.40  | ng/ul              | 0.00       |
| 10) Phenanthrene-d10        | 16.80 | 188  | 5708                | 0.40  | ng/ul              | 0.00       |
| 16) Chrysene-d12            | 21.03 | 240  | 4043                | 0.40  | ng/ul              | 0.00       |
| 20) Perylene-d12            | 23.13 | 264  | 3742                | 0.40  | ng/ul              | 0.00       |
| System Monitoring Compounds |       |      |                     |       |                    |            |
| 4) 2-Methylnaphthalene-d10  | 11.74 | 152  | 521                 | 0.07  | ng/ul              | 0.00       |
| 14) Fluoranthene-d10        | 18.84 | 212  | 1154                | 0.07  | ng/ul              | 0.00       |
| Target Compounds            |       |      |                     |       |                    |            |
|                             |       |      |                     |       | Ovalue             |            |
| 7) Acenaphthylene           | 13.75 | 152  | 415                 | 0.031 | ng/ul#             | 77         |
| 9) Fluorene                 | 15.10 | 166  | 271                 | 0.021 | ng/ul#             | 87         |
| 12) Phenanthrene            | 16.84 | 178  | 7798                | 0.407 | ng/ul              | 99         |
| 13) Anthracene              | 16.93 | 178  | 969                 | 0.059 | ng/ul#             | 86         |
| 15) Fluoranthene            | 18.87 | 202  | 20991               | 0.923 | ng/ul              | 100        |
| 17) Pyrene                  | 19.24 | 202  | 18088               | 0.947 | ng/ul              | 99         |
| 18) Benzo(a)anthracene      | 21.01 | 228  | 7428                | 0.444 | ng/ul              | 99         |
| 19) Chrysene                | 21.07 | 228  | 10255               | 0.555 | ng/ul              | 99         |
| 21) Benzo(b)fluoranthene    | 22.51 | 252  | 13058m <sup>3</sup> | 0.754 | ng/ul <sup>3</sup> | 12/14/2024 |
| 22) Benzo(k)fluoranthene    | 22.55 | 252  | 4795m <sup>3</sup>  | 0.251 | ng/ul <sup>3</sup> |            |
| 23) Benzo(a)pyrene          | 23.04 | 252  | 8239                | 0.513 | ng/ul#             | 90         |
| 24) Indeno(1,2,3-cd)pyrene  | 25.18 | 276  | 5664                | 0.268 | ng/ul#             | 96         |
| 25) Dibenzo(a,h)anthracene  | 25.19 | 278  | 1320                | 0.079 | ng/ul#             | 67         |
| 26) Benzo(a,h,i)perylene    | 25.81 | 276  | 4880                | 0.256 | ng/ul              | 97         |

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