

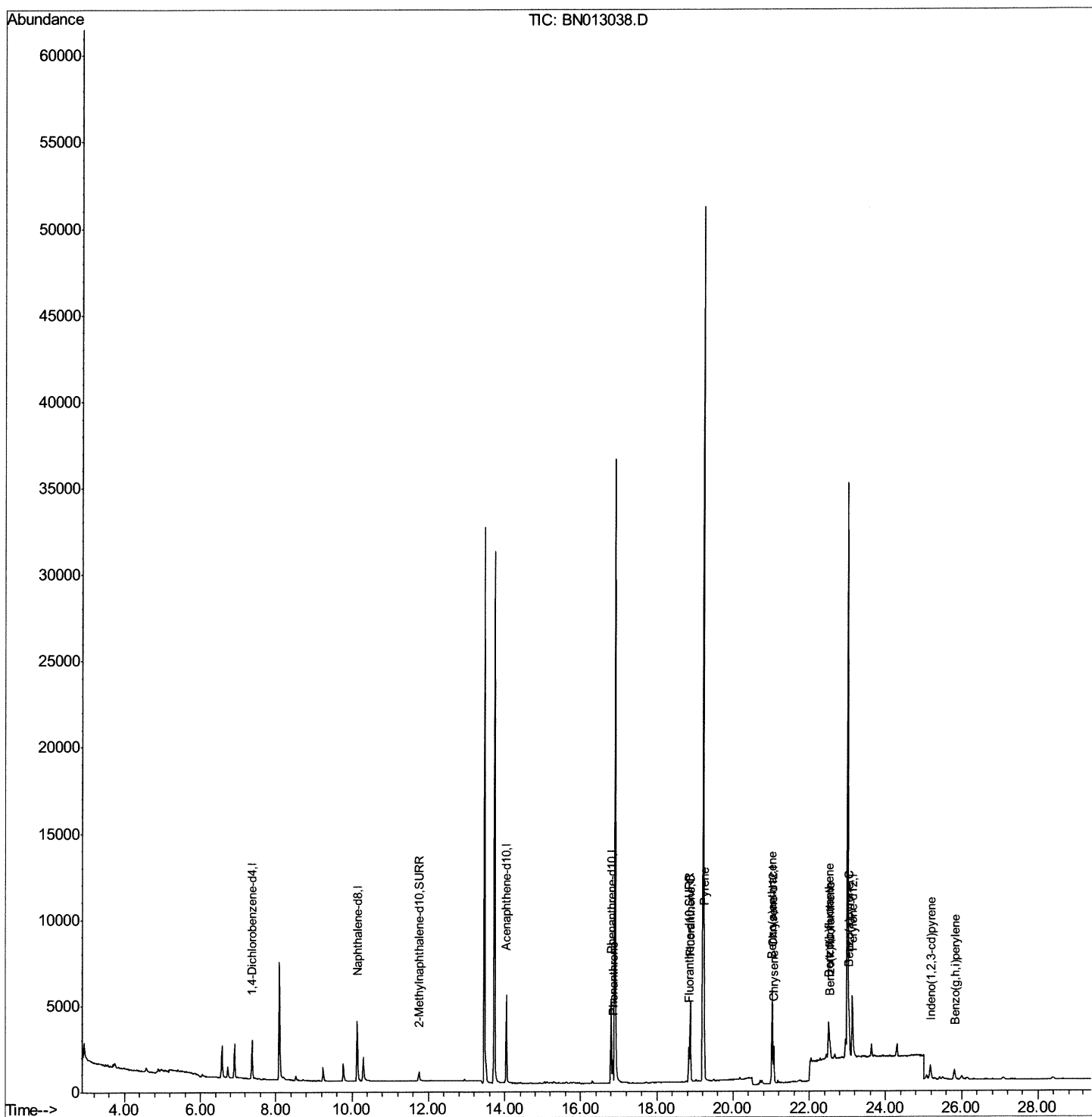
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
Data File : BN013038.D  
Acq On : 10 Dec 2020 09:40  
Operator : CG/JU  
Sample : L4941-19  
Misc :  
ALS Vial : 108 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B52

Manual Integrations  
APPROVED

mohammad  
12/11/2020 1:18:54 PM

Quant Time: Dec 10 10:35:48 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)

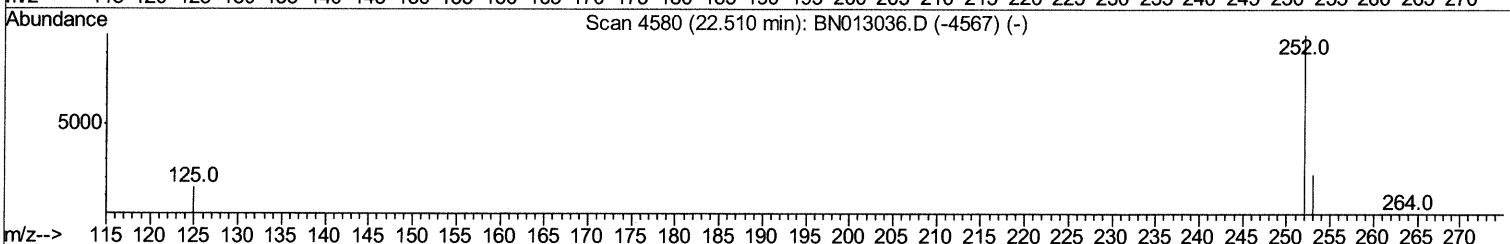
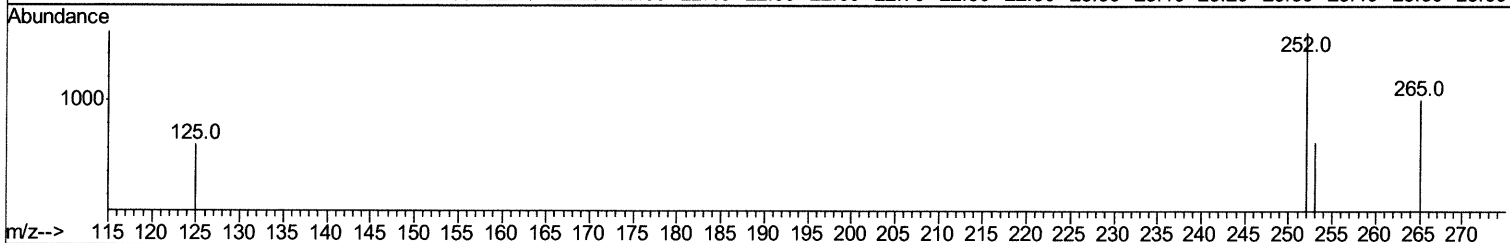
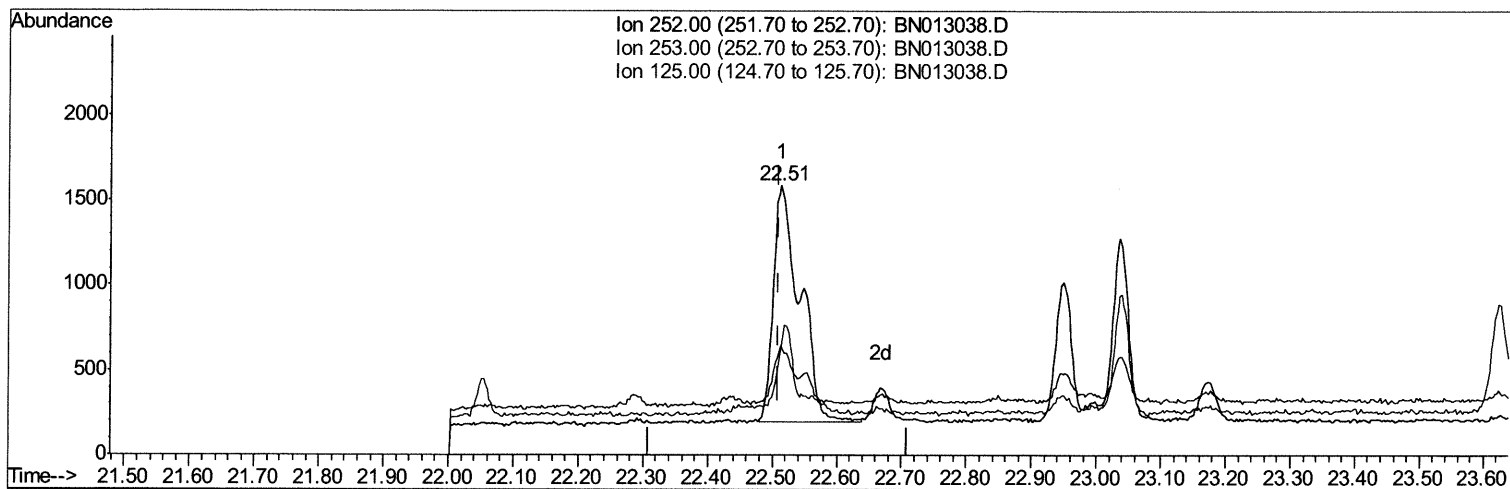
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN013038.D  
 Acq On : 10 Dec 2020 09:40  
 Operator : CG/JU  
 Sample : L4941-19  
 Misc :  
 ALS Vial : 108 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B52

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:18:54 PM

Quant Time: Dec 10 10:32:29 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



TIC: BN013038.D

(21) Benzo(b)fluoranthene  
 22.513min (+0.003) 0.21ng/ui  
 response 3972

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.80 | 40.52  |
| 125.00 | 13.00 | 39.32# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

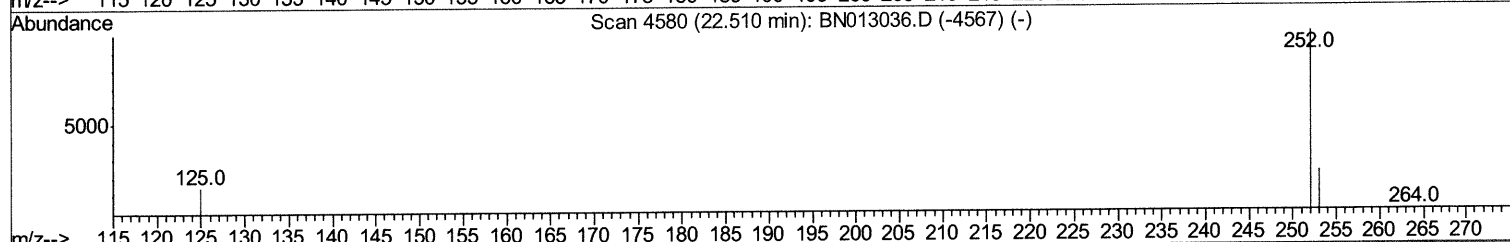
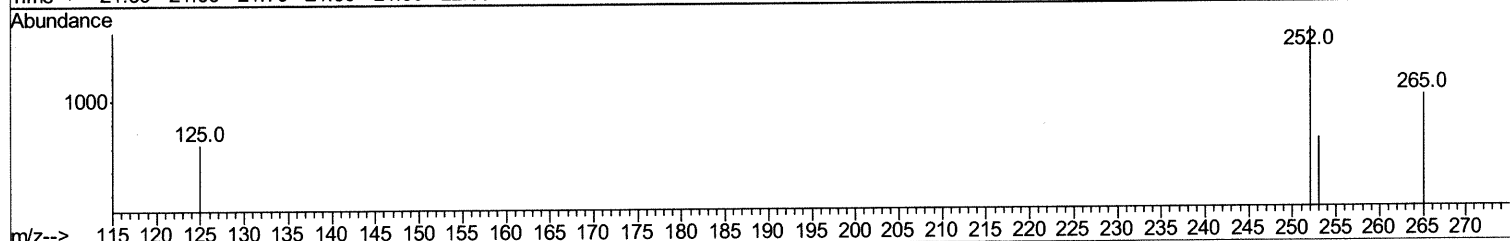
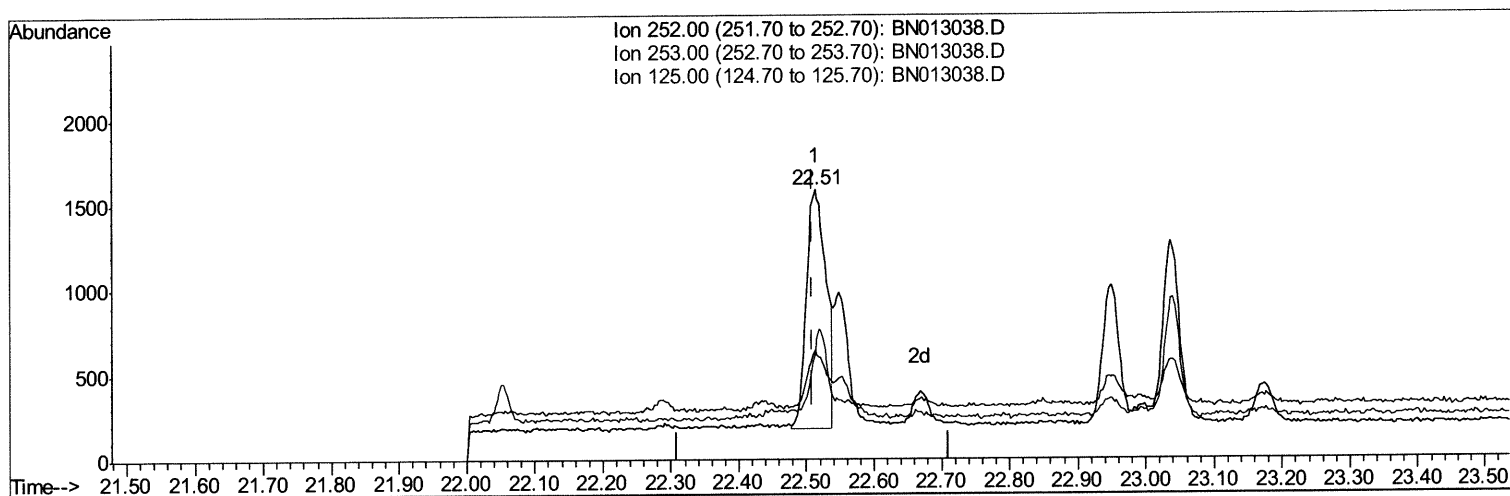
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
Data File : BN013038.D  
Acq On : 10 Dec 2020 09:40  
Operator : CG/JU  
Sample : L4941-19  
Misc :  
ALS Vial : 108 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B52

Manual Integrations  
APPROVED

mohammad  
12/11/2020 1:18:54 PM

Quant Time: Dec 10 10:32:29 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



TIC: BN013038.D

(21) Benzo(b)fluoranthene

22.513min (+0.003) 0.14ng/ul m 12/14/20 JU

response 2790

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.80 | 40.52  |
| 125.00 | 13.00 | 39.32# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

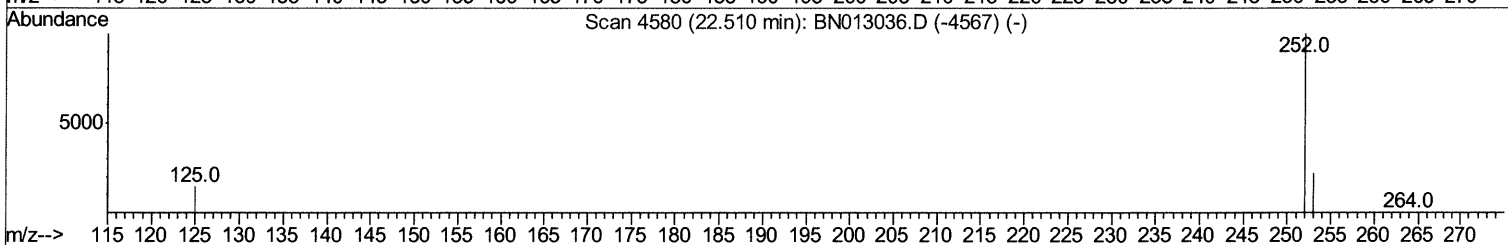
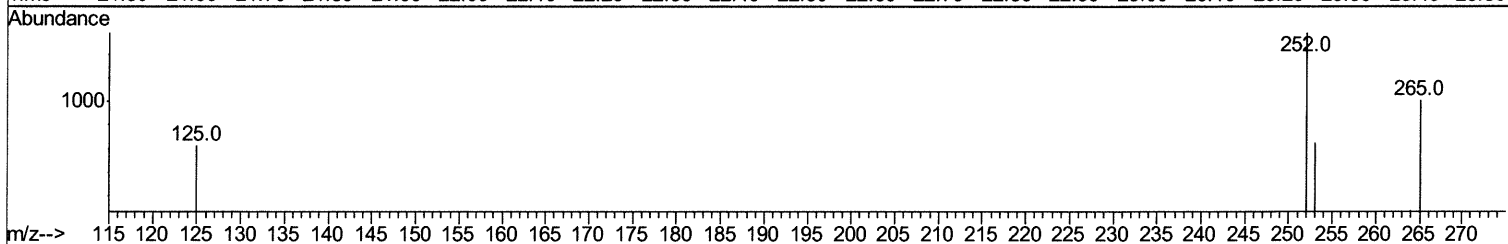
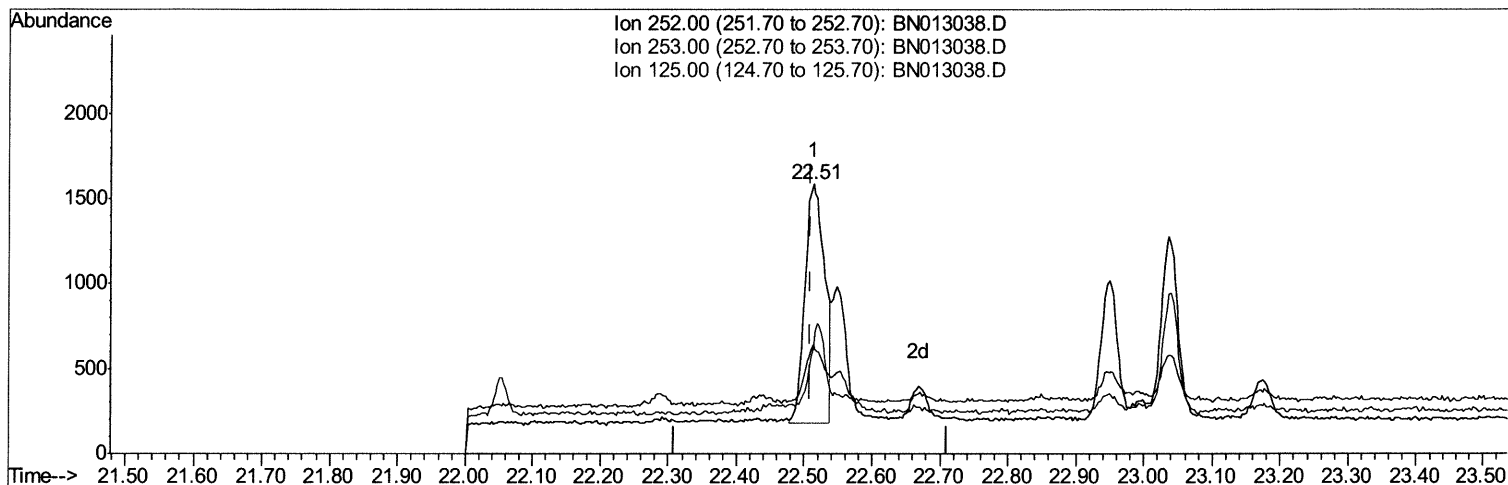
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN013038.D  
 Acq On : 10 Dec 2020 09:40  
 Operator : CG/JU  
 Sample : L4941-19  
 Misc :  
 ALS Vial : 108 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B52

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:18:54 PM

Quant Time: Dec 10 10:32:29 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



TIC: BN013038.D

(21) Benzo(b)fluoranthene

22.513min (+0.003) 0.14ng/ul m 12/14/20 JU

response 2790

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.80 | 40.52  |
| 125.00 | 13.00 | 39.32# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

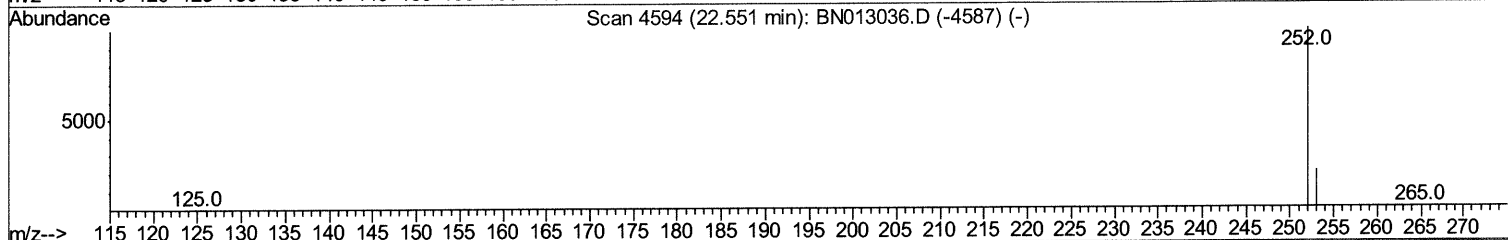
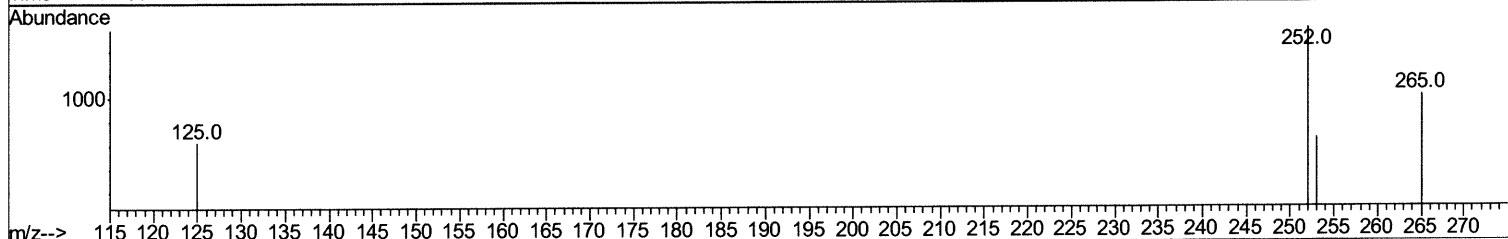
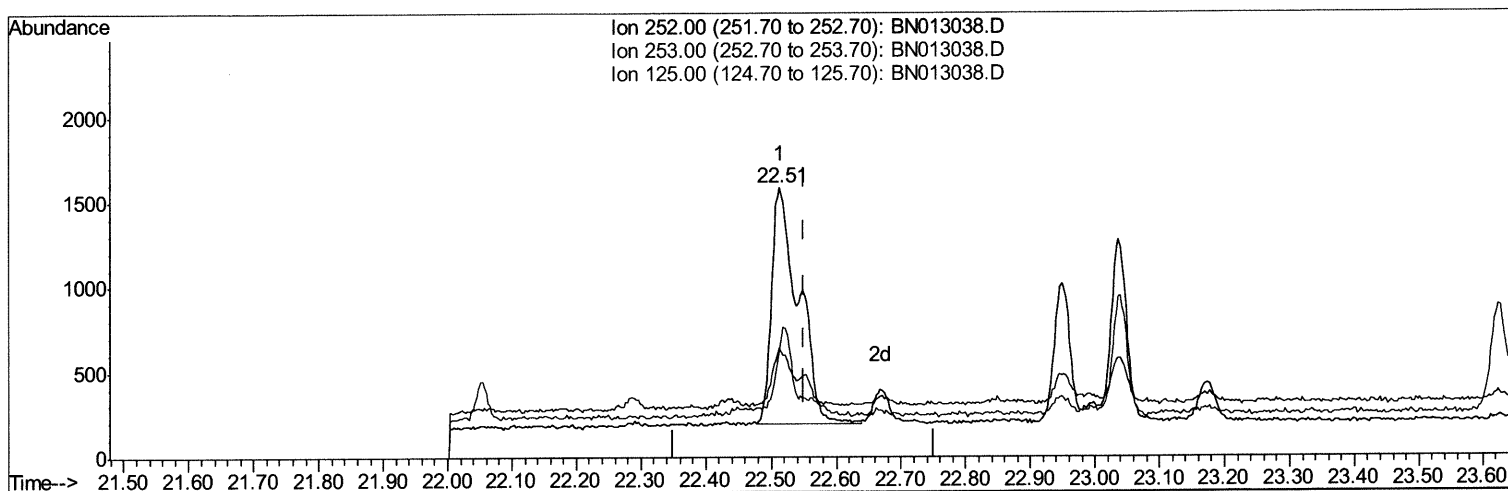
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN013038.D  
 Acq On : 10 Dec 2020 09:40  
 Operator : CG/JU  
 Sample : L4941-19  
 Misc :  
 ALS Vial : 108 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B52

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:18:54 PM

Quant Time: Dec 10 10:32:29 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



TIC: BN013038.D

(22) Benzo(k)fluoranthene  
 22.513min (-0.038) 0.19ng/ul  
 response 3972  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 40.52# |
| 125.00 | 13.90 | 39.32# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

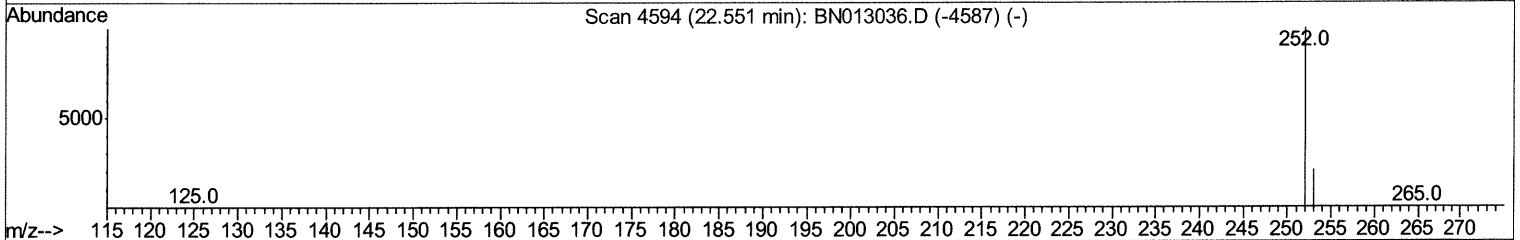
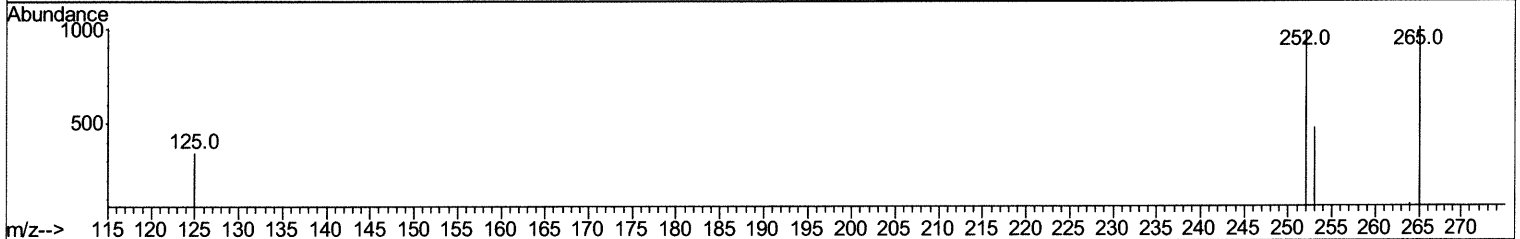
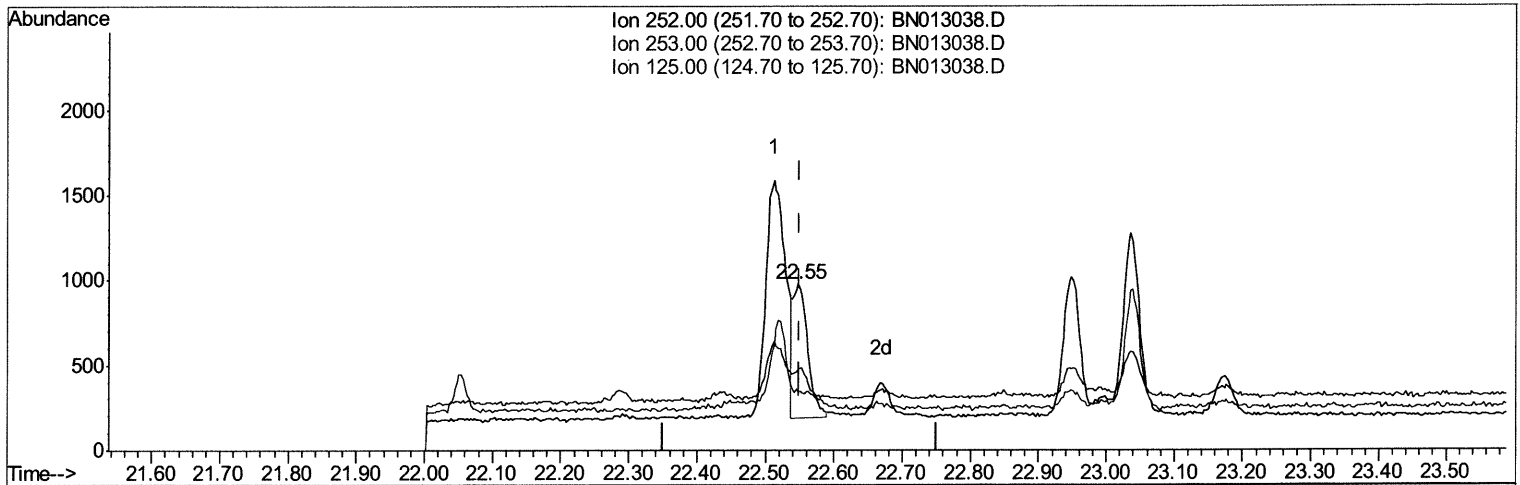
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN013038.D  
 Acq On : 10 Dec 2020 09:40  
 Operator : CG/JU  
 Sample : L4941-19  
 Misc :  
 ALS Vial : 108 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B52

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:18:54 PM

Quant Time: Dec 10 10:32:29 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



TIC: BN013038.D

(22) Benzo(k)fluoranthene

22.548min (-0.003) 0.06ng/ul m 12/14/20 JU

response 1207

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 48.88# |
| 125.00 | 13.90 | 35.31# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN013038.D  
 Acq On : 10 Dec 2020 09:40  
 Operator : CG/JU  
 Sample : L4941-19  
 Misc :  
 ALS Vial : 108 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B52

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:18:54 PM

Quant Time: Dec 10 10:35:48 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

| Internal Standards          | R.T.  | QIon | Response           | Conc  | Units              | Dev(Min)    |
|-----------------------------|-------|------|--------------------|-------|--------------------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 1195               | 0.40  | ng/ul              | 0.00        |
| 2) Naphthalene-d8           | 10.14 | 136  | 4905               | 0.40  | ng/ul              | 0.00        |
| 6) Acenaphthene-d10         | 14.04 | 164  | 2665               | 0.40  | ng/ul              | 0.00        |
| 10) Phenanthrene-d10        | 16.80 | 188  | 5607               | 0.40  | ng/ul              | 0.00        |
| 16) Chrysene-d12            | 21.03 | 240  | 4322               | 0.40  | ng/ul              | 0.00        |
| 20) Perylene-d12            | 23.13 | 264  | 4167               | 0.40  | ng/ul              | 0.00        |
| System Monitoring Compounds |       |      |                    |       |                    |             |
| 4) 2-Methylnaphthalene-d10  | 11.75 | 152  | 1038               | 0.14  | ng/ul              | 0.00        |
| 14) Fluoranthene-d10        | 18.85 | 212  | 2166               | 0.14  | ng/ul              | 0.00        |
| Target Compounds            |       |      |                    |       |                    |             |
|                             |       |      |                    |       | Ovalue             |             |
| 12) Phenanthrene            | 16.84 | 178  | 1354               | 0.072 | ng/ul#             | 93          |
| 15) Fluoranthene            | 18.87 | 202  | 4151               | 0.186 | ng/ul              | 98          |
| 17) Pyrene                  | 19.24 | 202  | 3915               | 0.192 | ng/ul              | 95          |
| 18) Benzo(a)anthracene      | 21.01 | 228  | 1706               | 0.095 | ng/ul              | 93          |
| 19) Chrysene                | 21.07 | 228  | 2270               | 0.115 | ng/ul              | 95          |
| 21) Benzo(b)fluoranthene    | 22.51 | 252  | 2790m <sup>3</sup> | 0.145 | ng/ul <sup>3</sup> | 12/14/20 Ju |
| 22) Benzo(k)fluoranthene    | 22.55 | 252  | 1207m <sup>3</sup> | 0.057 | ng/ul <sup>3</sup> |             |
| 23) Benzo(a)pyrene          | 23.04 | 252  | 1862               | 0.104 | ng/ul#             |             |
| 24) Indeno(1,2,3-cd)pyrene  | 25.18 | 276  | 1238               | 0.053 | ng/ul#             | 98          |
| 26) Benzo(a,h,i)perylene    | 25.81 | 276  | 1128               | 0.053 | ng/ul#             | 76          |

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