

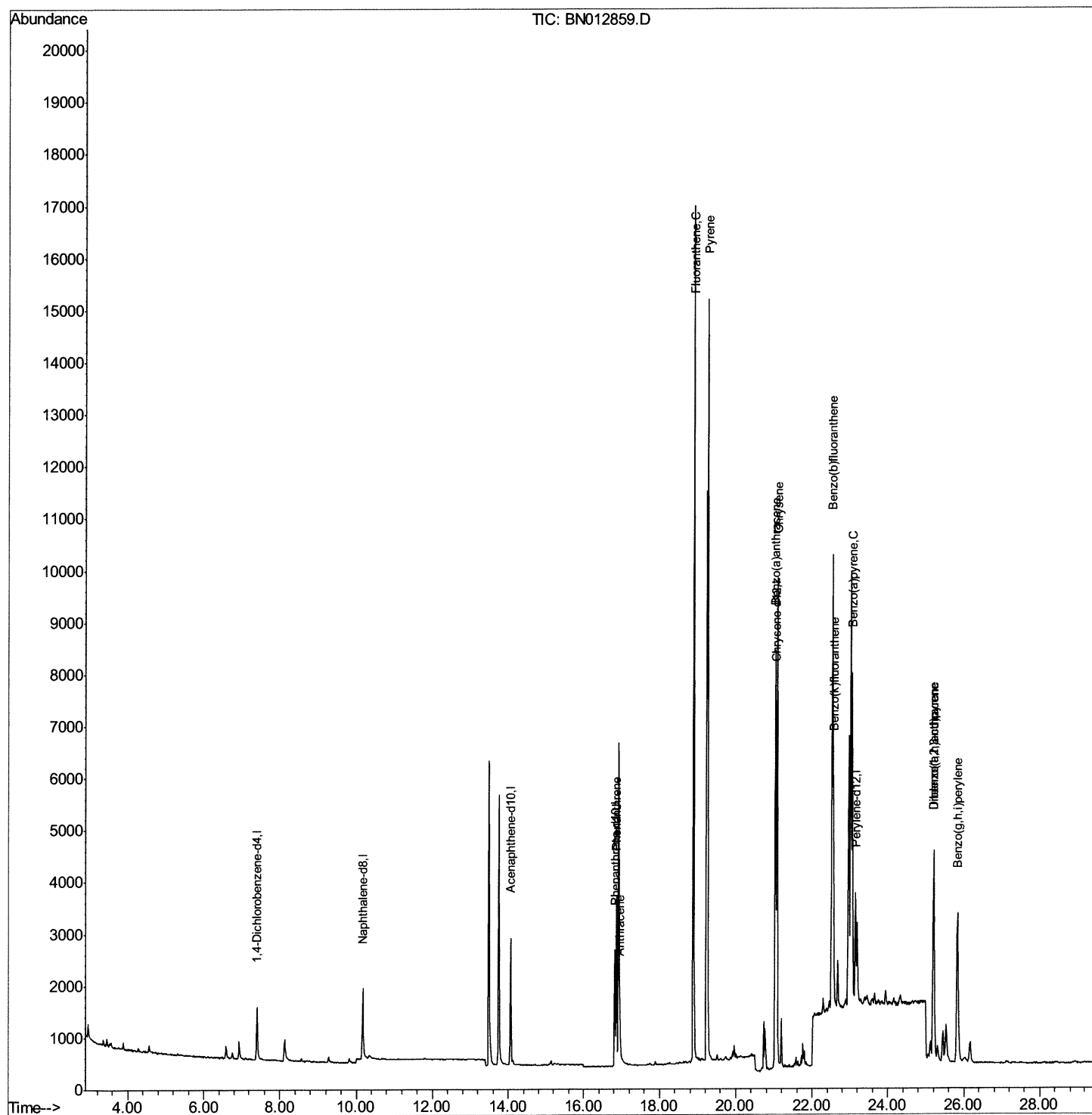
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\  
Data File : BN012859.D  
Acq On : 03 Dec 2020 22:32  
Operator : CG/JU  
Sample : L4865-19DL 10X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AZ9DL

Manual Integrations  
APPROVED

mohammad  
12/7/2020 8:51:41 AM

Quant Time: Dec 04 00:46:20 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 : Fri Dec 04 00:14:34 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

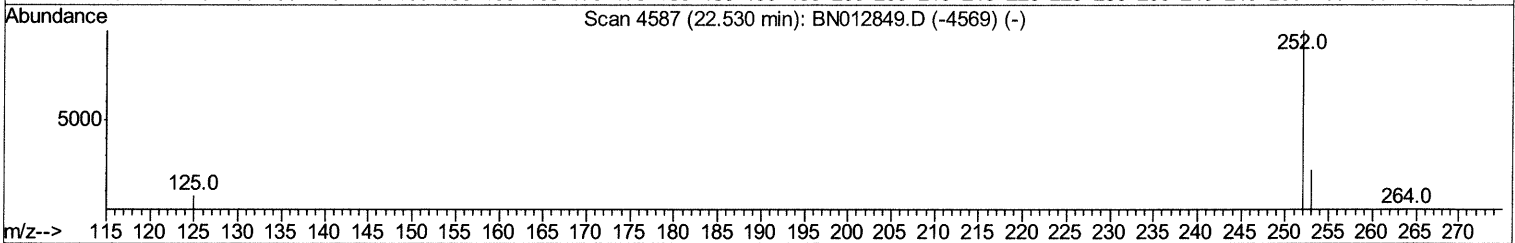
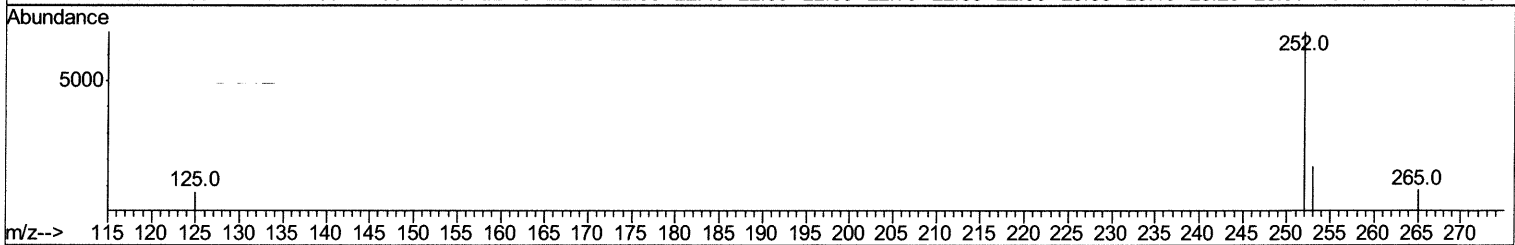
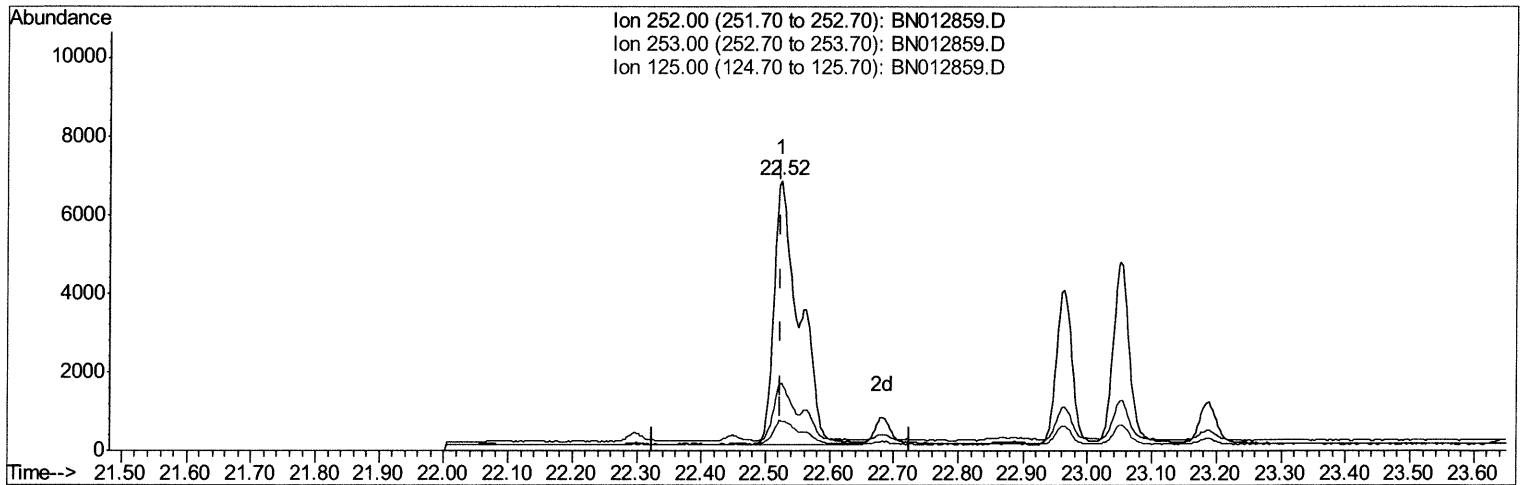
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\  
 Data File : BN012859.D  
 Acq On : 03 Dec 2020 22:32  
 Operator : CG/JU  
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Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 8:51:41 AM

Quant Time: Dec 04 00:18:50 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 : Fri Dec 04 00:14:34 2020  
 Response via : Initial Calibration



TIC: BN012859.D

(21) Benzo(b)fluoranthene  
 22.524min (-0.000) 1.65ng/ul  
 response 18415  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 25.03 |
| 125.00 | 13.00 | 11.07 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

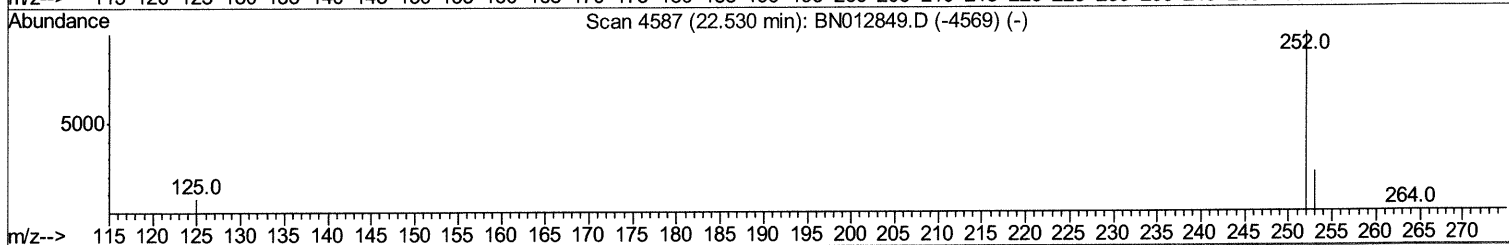
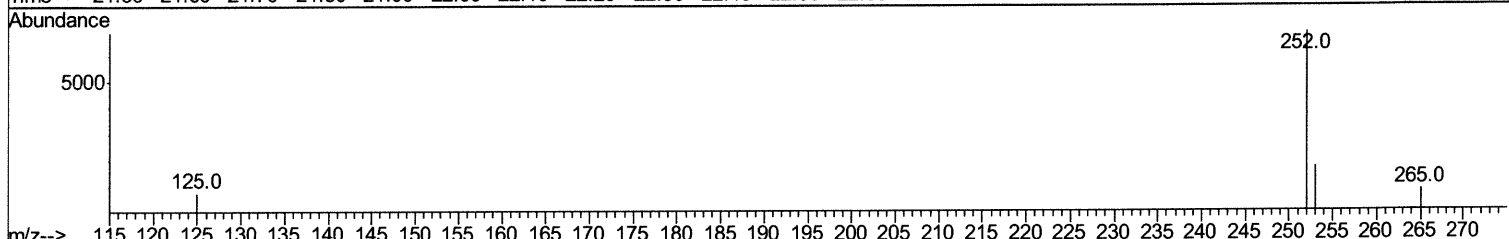
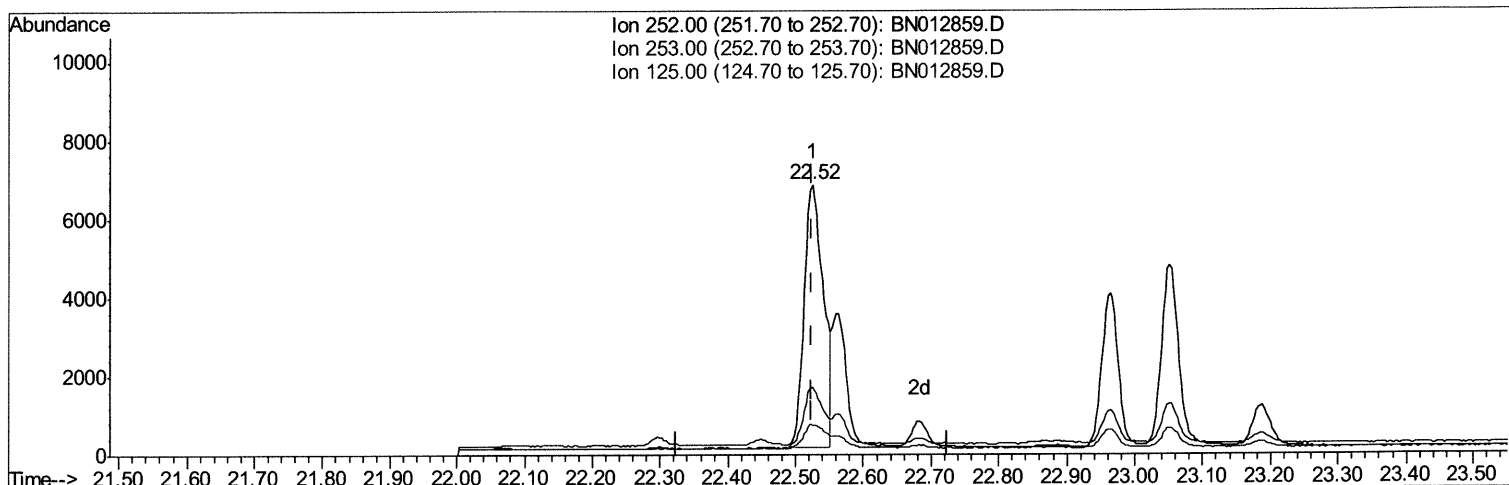
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\  
 Data File : BN012859.D  
 Acq On : 03 Dec 2020 22:32  
 Operator : CG/JU  
 Sample : L4865-19DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ9DL

Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 8:51:41 AM

Quant Time: Dec 04 00:18:50 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 : Fri Dec 04 00:14:34 2020  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.524min (-0.000) 1.18ng/ul m 12/07/2020

response 13187

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 25.03 |
| 125.00 | 13.00 | 11.07 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

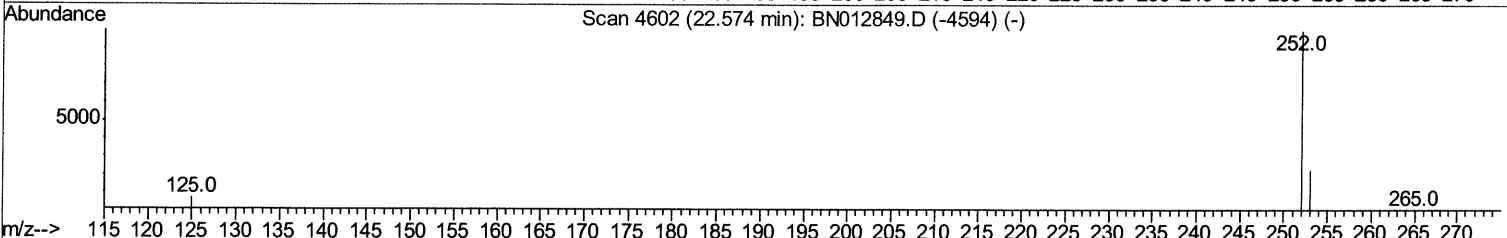
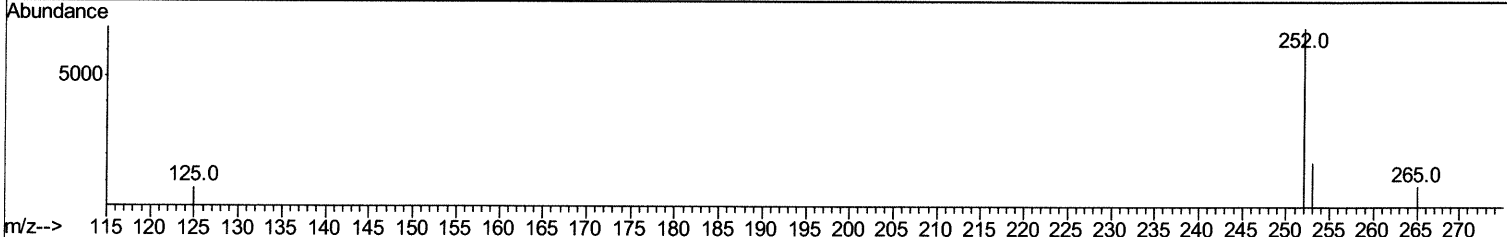
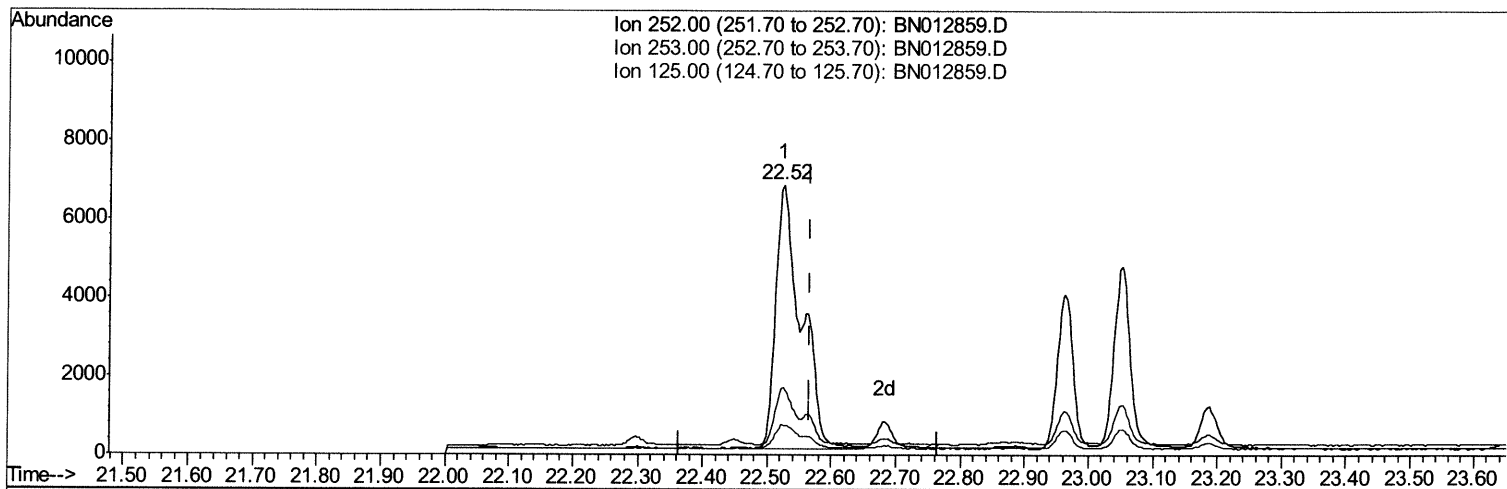
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\  
 Data File : BN012859.D  
 Acq On : 03 Dec 2020 22:32  
 Operator : CG/JU  
 Sample : L4865-19DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ9DL

Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 8:51:41 AM

Quant Time: Dec 04 00:18:50 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 : Fri Dec 04 00:14:34 2020  
 Response via : Initial Calibration



TIC: BN012859.D

(22) Benzo(k)fluoranthene  
 22.524min (-0.041) 1.49ng/ul  
 response 18375  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 25.03  |
| 125.00 | 13.90 | 11.07# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

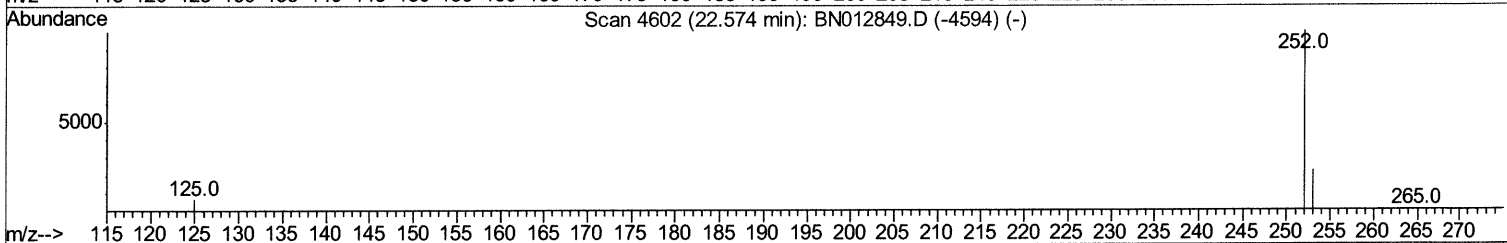
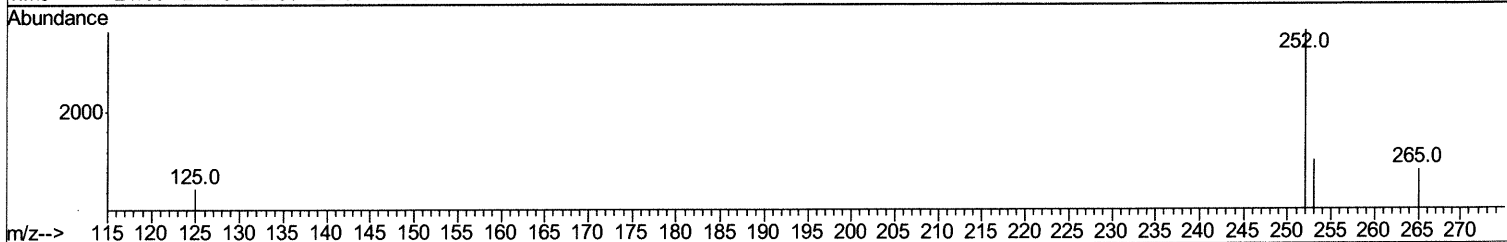
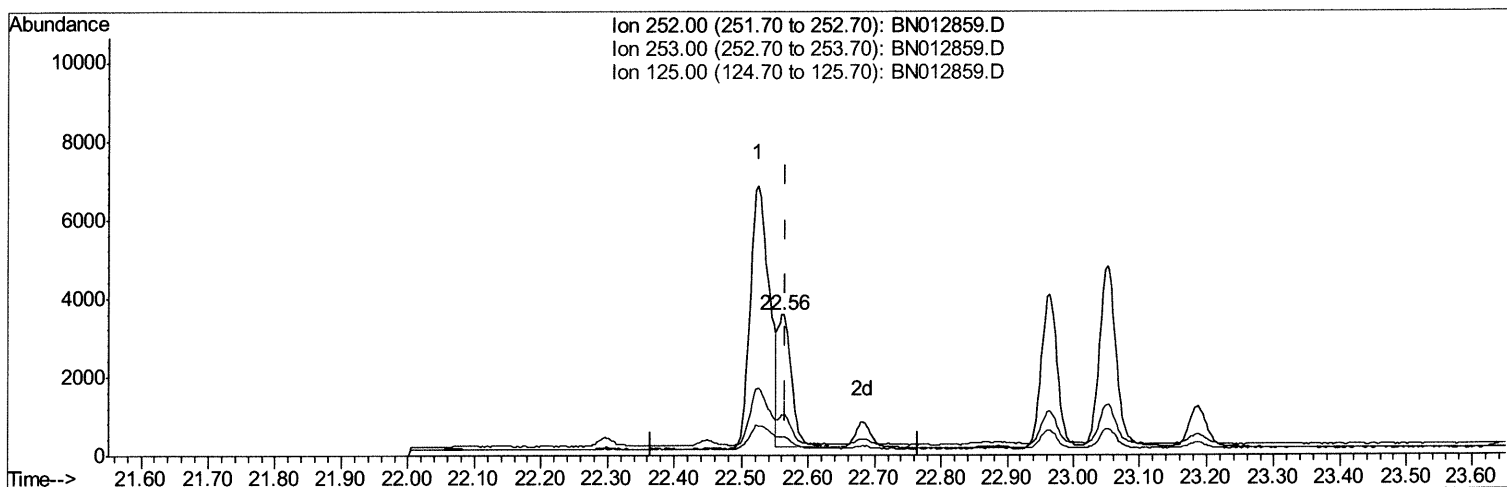
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\  
 Data File : BN012859.D  
 Acq On : 03 Dec 2020 22:32  
 Operator : CG/JU  
 Sample : L4865-19DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ9DL

Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 8:51:41 AM

Quant Time: Dec 04 00:18:50 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 : Fri Dec 04 00:14:34 2020  
 Response via : Initial Calibration



TIC: BN012859.D

(22) Benzo(k)fluoranthene

22.559min (-0.006) 0.40ng/ul m 12/07/2020

response 4931

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 28.64 |
| 125.00 | 13.90 | 13.08 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

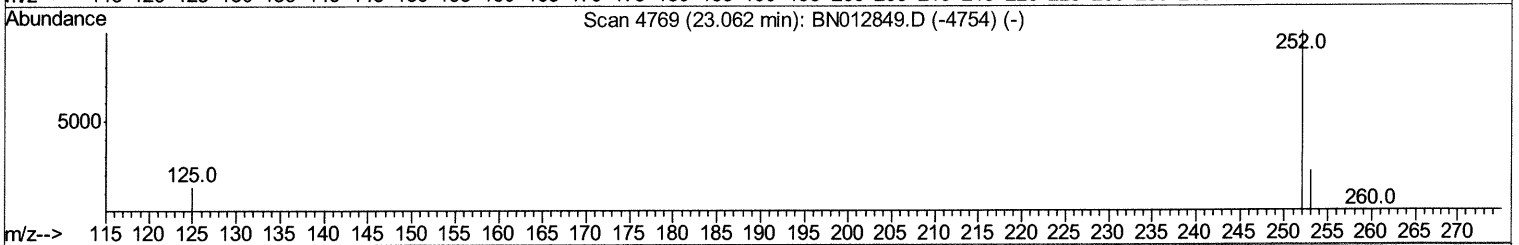
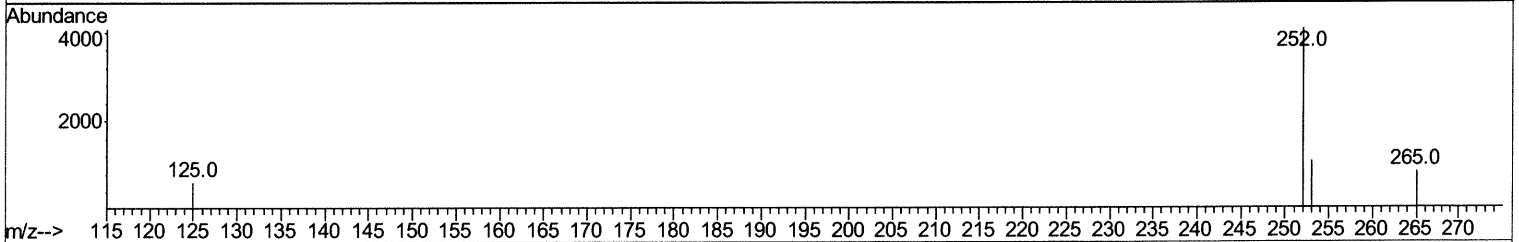
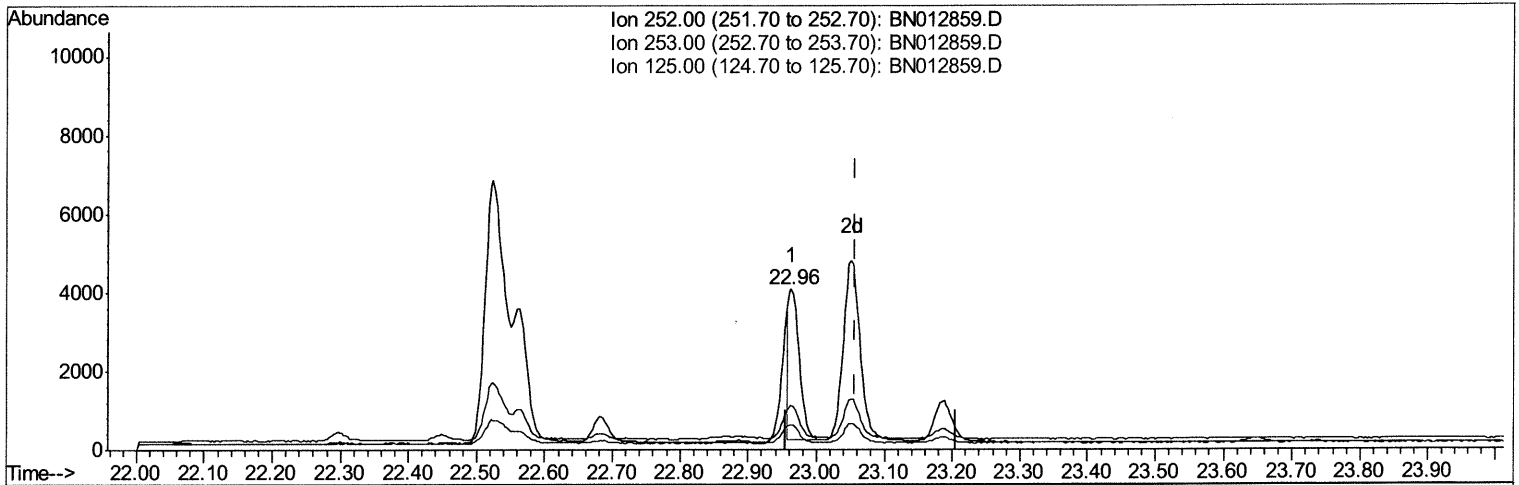
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\  
 Data File : BN012859.D  
 Acq On : 03 Dec 2020 22:32  
 Operator : CG/JU  
 Sample : L4865-19DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ9DL

Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 8:51:41 AM

Quant Time: Dec 04 00:18:50 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 : Fri Dec 04 00:14:34 2020  
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

22.963min (-0.094) 0.40ng/ul

response 4155

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.10 | 27.27 |
| 125.00 | 17.70 | 15.54 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

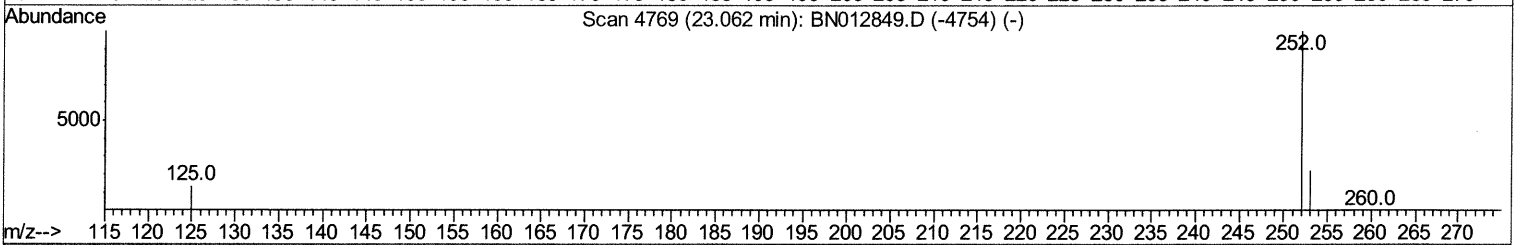
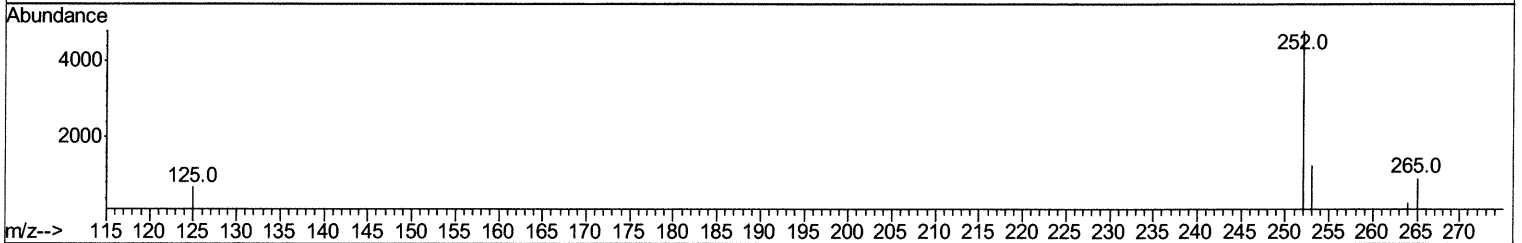
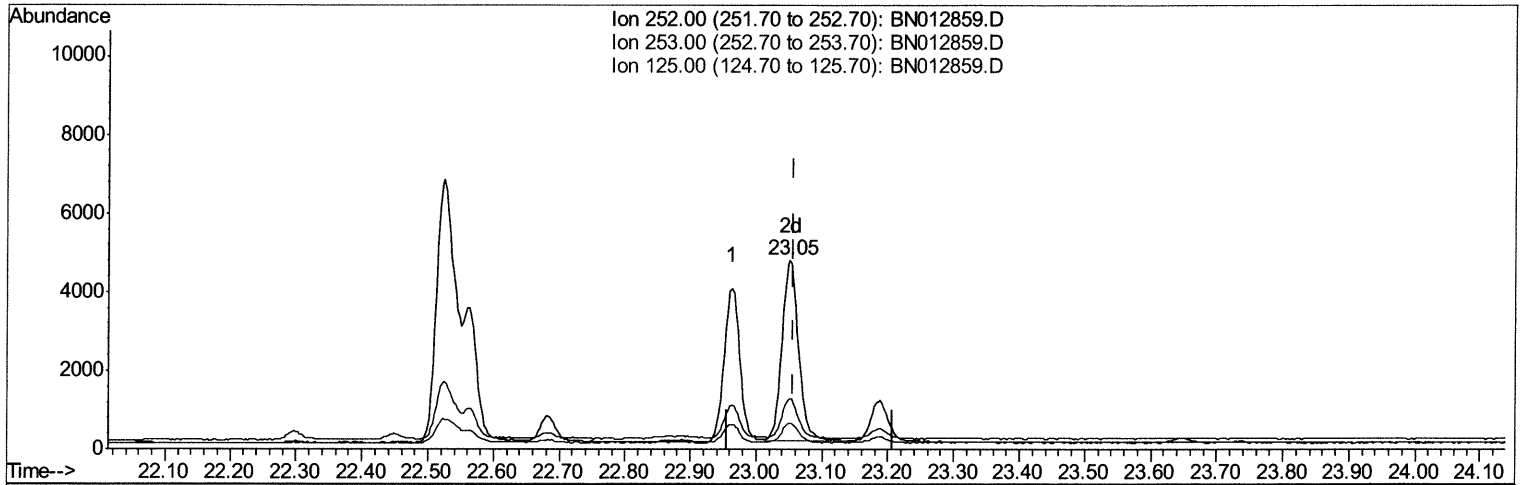
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\  
 Data File : BN012859.D  
 Acq On : 03 Dec 2020 22:32  
 Operator : CG/JU  
 Sample : L4865-19DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ9DL

Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 8:51:41 AM

Quant Time: Dec 04 00:45:17 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 : Fri Dec 04 00:14:34 2020  
 Response via : Initial Calibration



TIC: BN012859.D

(23) Benzo(a)pyrene (C)

23.051min (-0.006) 0.78ng/ul m 12/07/2020

response 8100

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.10 | 26.35# |
| 125.00 | 17.70 | 13.86# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\  
 Data File : BN012859.D  
 Acq On : 03 Dec 2020 22:32  
 Operator : CG/JU  
 Sample : L4865-19DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ9DL

Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 8:51:41 AM

Quant Time: Dec 04 00:46:20 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 : Fri Dec 04 00:14:34 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|--------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.40  | 152  | 600      | 0.40  | ng/ul  | 0.00         |
| 2) Naphthalene-d8           | 10.17 | 136  | 2297     | 0.40  | ng/ul  | 0.00         |
| 6) Acenaphthene-d10         | 14.07 | 164  | 1366     | 0.40  | ng/ul  | 0.00         |
| 10) Phenanthrene-d10        | 16.82 | 188  | 2870     | 0.40  | ng/ul  | 0.00         |
| 16) Chrysene-d12            | 21.04 | 240  | 2442     | 0.40  | ng/ul  | 0.00         |
| 20) Perylene-d12            | 23.14 | 264  | 2416     | 0.40  | ng/ul  | 0.00         |
| System Monitoring Compounds |       |      |          |       |        |              |
| 4) 2-Methylnaphthalene-d10  | 11.79 | 152  | 41       | 0.01  | ng/ul  | 0.02         |
| 14) Fluoranthene-d10        | 18.86 | 212  | 111      | 0.01  | ng/ul  | 0.00         |
| Target Compounds            |       |      |          |       |        |              |
|                             |       |      |          |       | Ovalue |              |
| 12) Phenanthrene            | 16.86 | 178  | 3640     | 0.378 | ng/ul  | 99           |
| 13) Anthracene              | 16.95 | 178  | 520      | 0.063 | ng/ul# | 80           |
| 15) Fluoranthene            | 18.89 | 202  | 14594    | 1.276 | ng/ul  | 96           |
| 17) Pyrene                  | 19.26 | 202  | 12874    | 1.116 | ng/ul  | 96           |
| 18) Benzo(a)anthracene      | 21.03 | 228  | 6526     | 0.646 | ng/ul  | 98           |
| 19) Chrysene                | 21.08 | 228  | 9528     | 0.854 | ng/ul  | 99           |
| 21) Benzo(b)fluoranthene    | 22.52 | 252  | 13187m   | 1.180 | ng/ul  | } 12/07/20J4 |
| 22) Benzo(k)fluoranthene    | 22.56 | 252  | 4931m    | 0.399 | ng/ul  |              |
| 23) Benzo(a)pyrene          | 23.05 | 252  | 8100m    | 0.781 | ng/ul  |              |
| 24) Indeno(1,2,3-cd)pyrene  | 25.20 | 276  | 6386     | 0.469 | ng/ul# | 94           |
| 25) Dibenzo(a,h)anthracene  | 25.21 | 278  | 1456     | 0.135 | ng/ul# | 85           |
| 26) Benzo(a,h,i)perylene    | 25.83 | 276  | 5976     | 0.485 | ng/ul  | 98           |

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