

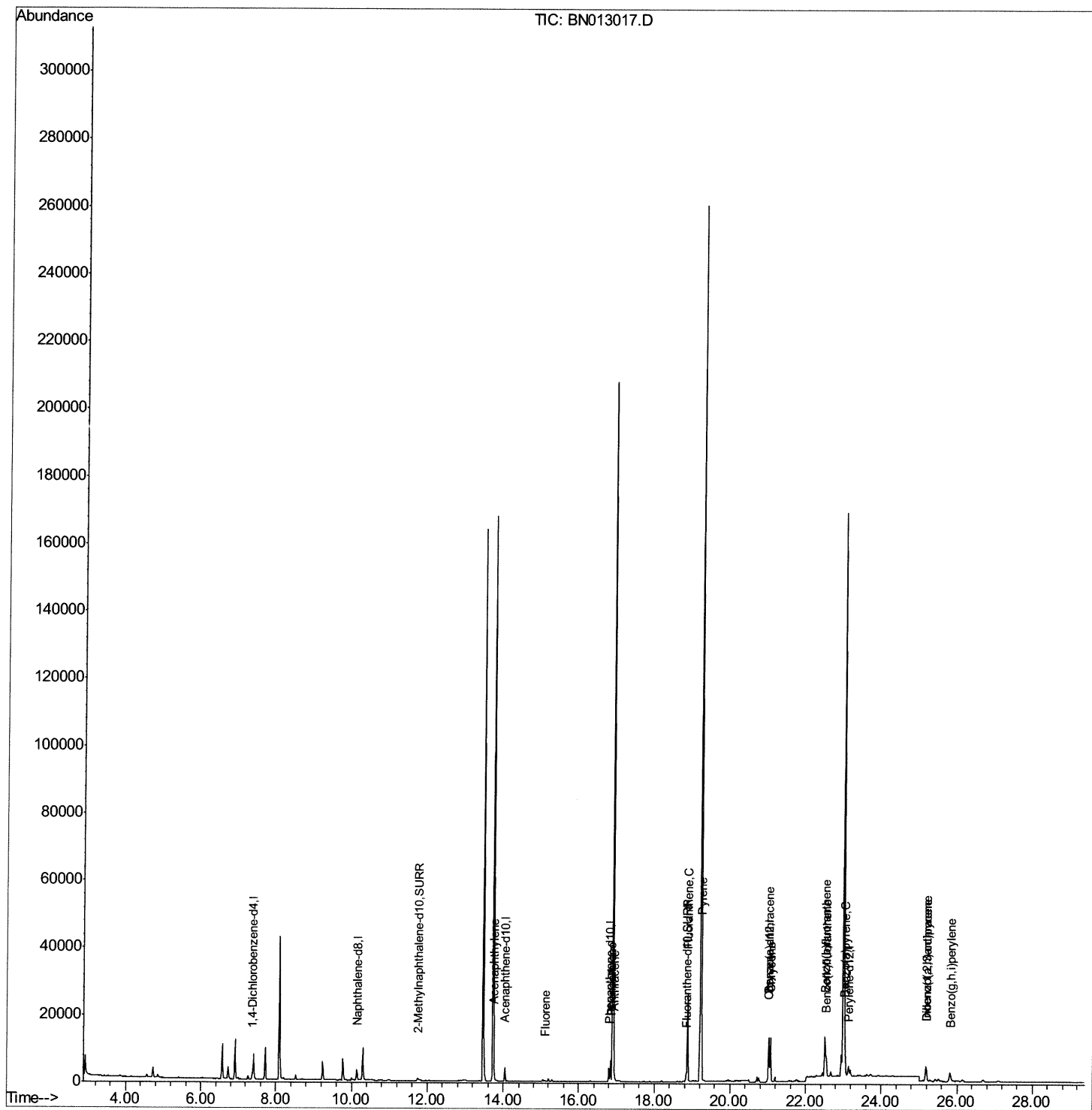
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
Data File : BN013017.D  
Acq On : 09 Dec 2020 18:20  
Operator : CG/JU  
Sample : L4941-03  
Misc :  
ALS Vial : 87 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AX8

Manual Integrations  
APPROVED

mohammad  
12/11/2020 1:17:52 PM

Quant Time: Dec 10 01:06:08 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 : Wed Dec 09 07:33:34 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

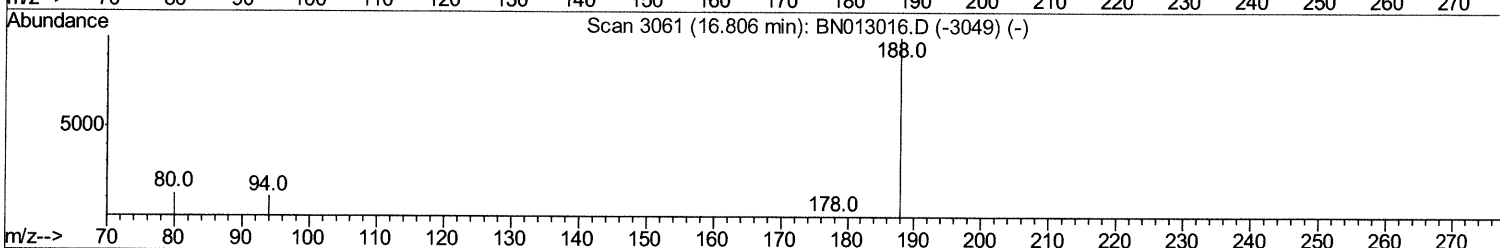
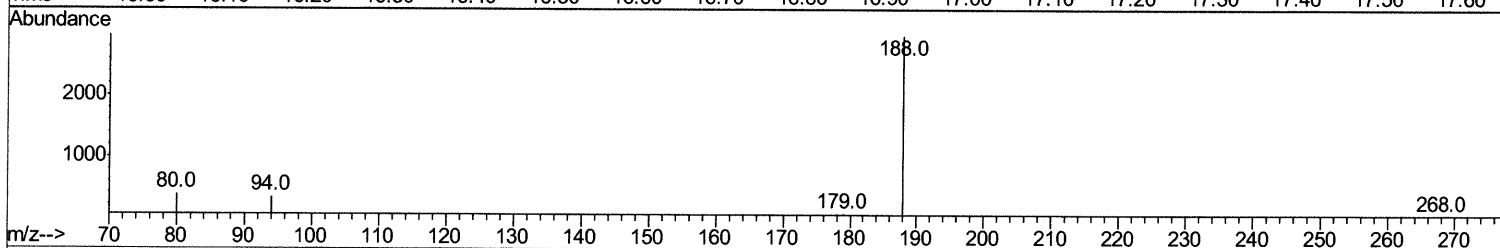
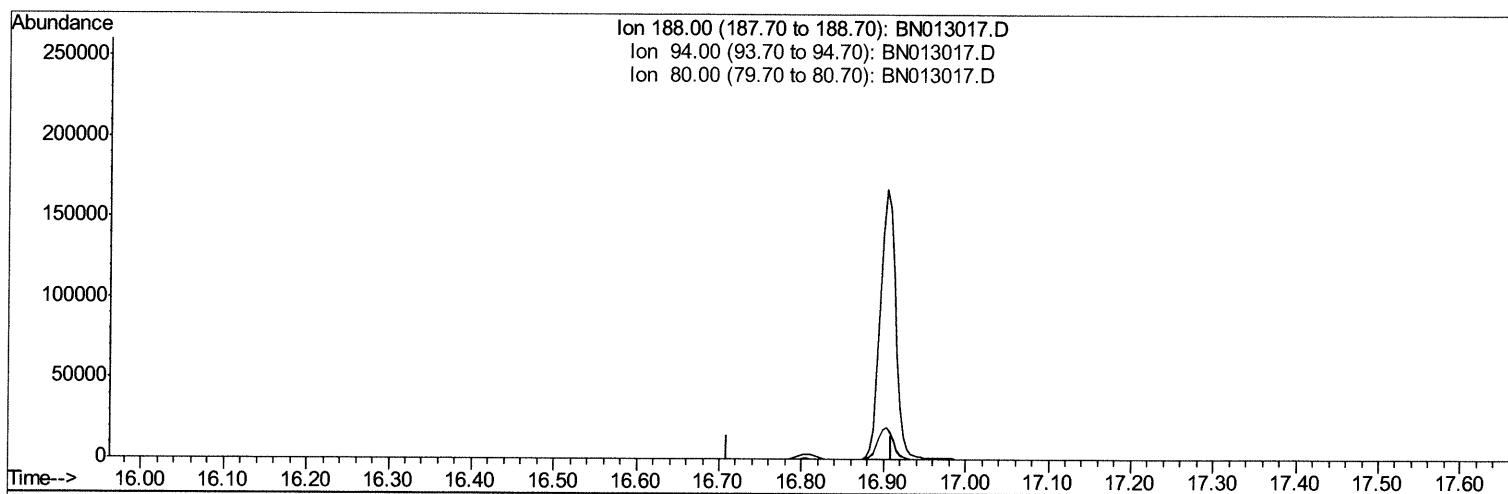
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
Data File : BN013017.D  
Acq On : 09 Dec 2020 18:20  
Operator : CG/JU  
Sample : L4941-03  
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Manual Integrations  
APPROVED

mohammad  
12/11/2020 1:17:52 PM

Quant Time: Dec 10 00:59:59 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 : Wed Dec 09 07:33:34 2020  
Response via : Initial Calibration



TIC: BN013017.D

(10) Phenanthrene-d10 (I)

16.810min (-16.810) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 11.40 | 0.00# |
| 80.00  | 12.40 | 0.00# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

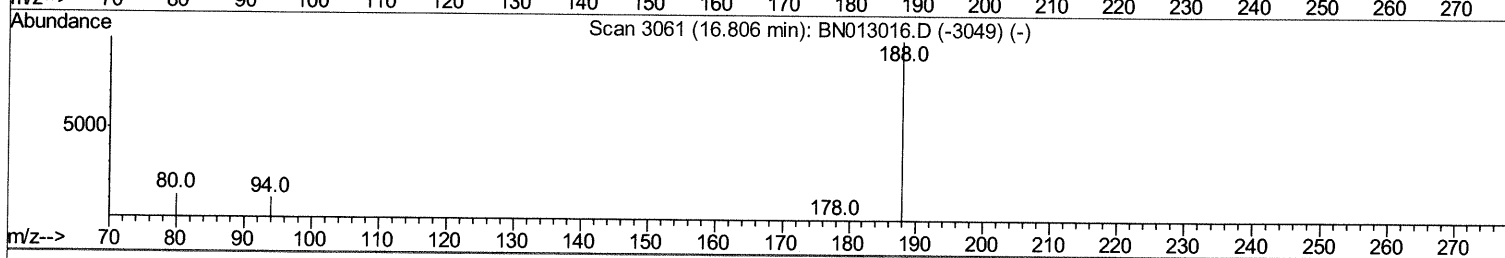
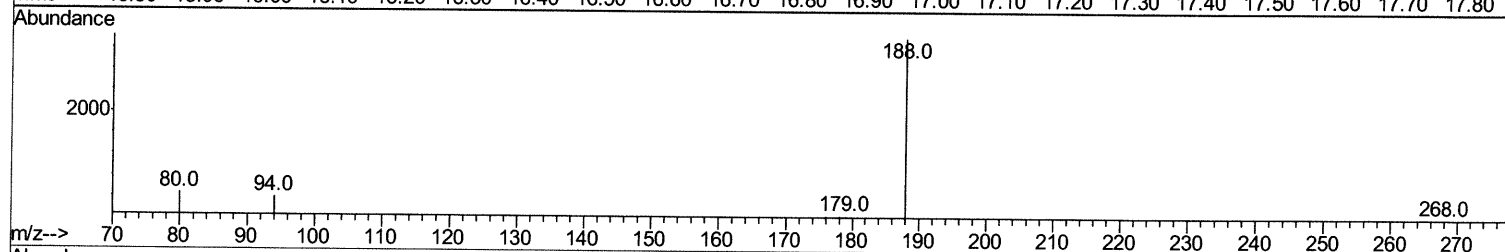
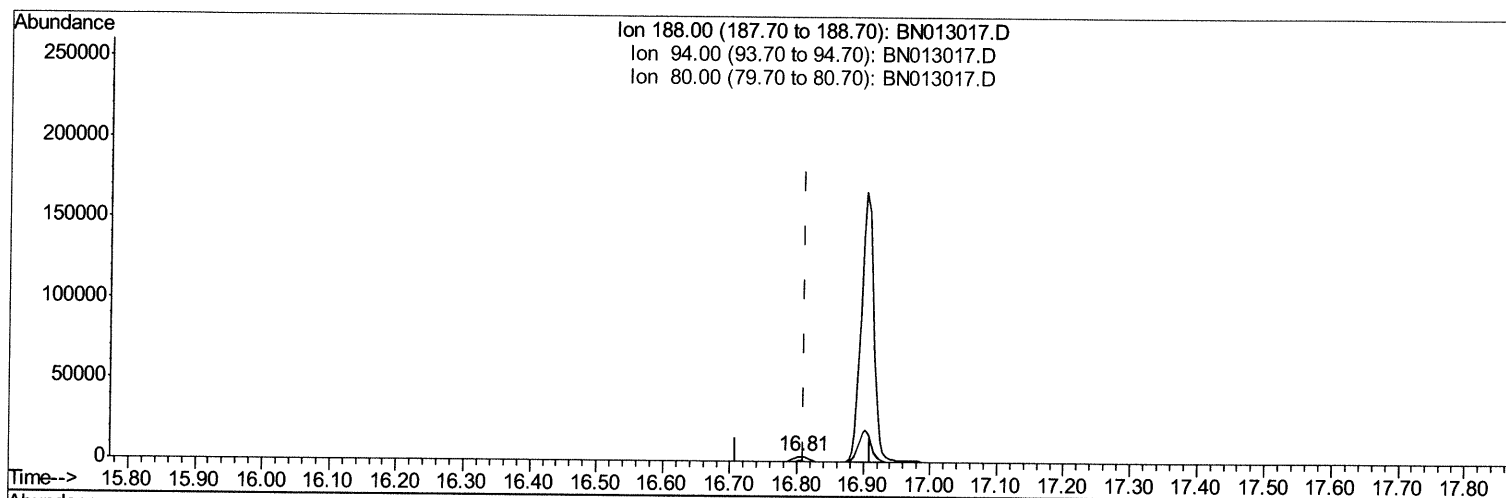
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
Data File : BN013017.D  
Acq On : 09 Dec 2020 18:20  
Operator : CG/JU  
Sample : L4941-03  
Misc :  
ALS Vial : 87 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AX8

Manual Integrations  
APPROVED

mohammad  
12/11/2020 1:17:52 PM

Quant Time: Dec 10 00:59:59 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 : Wed Dec 09 07:33:34 2020  
Response via : Initial Calibration



TIC: BN013017.D

(10) Phenanthrene-d10 (I)

16.806min (-0.004) 0.40ng/ul m 12/14/2020

response 4572

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.40 | 11.43 |
| 80.00  | 12.40 | 13.47 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

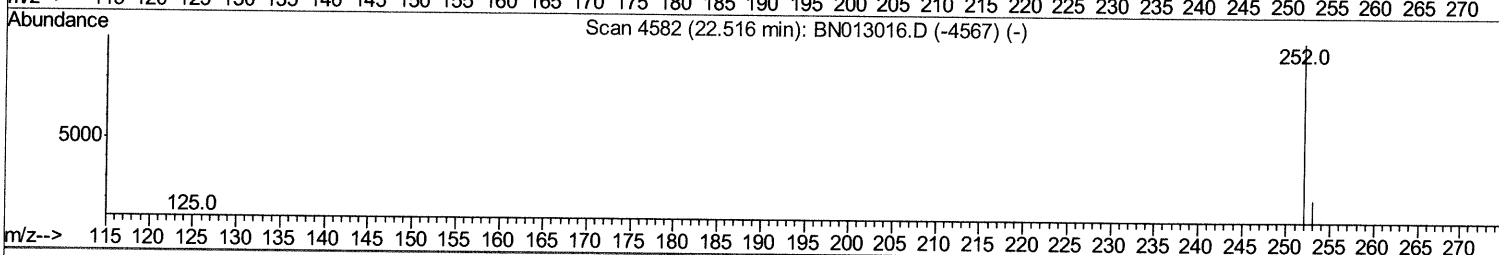
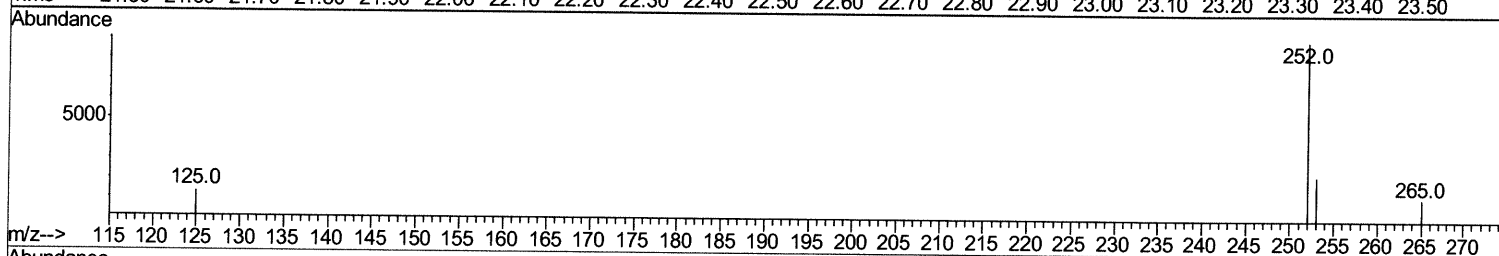
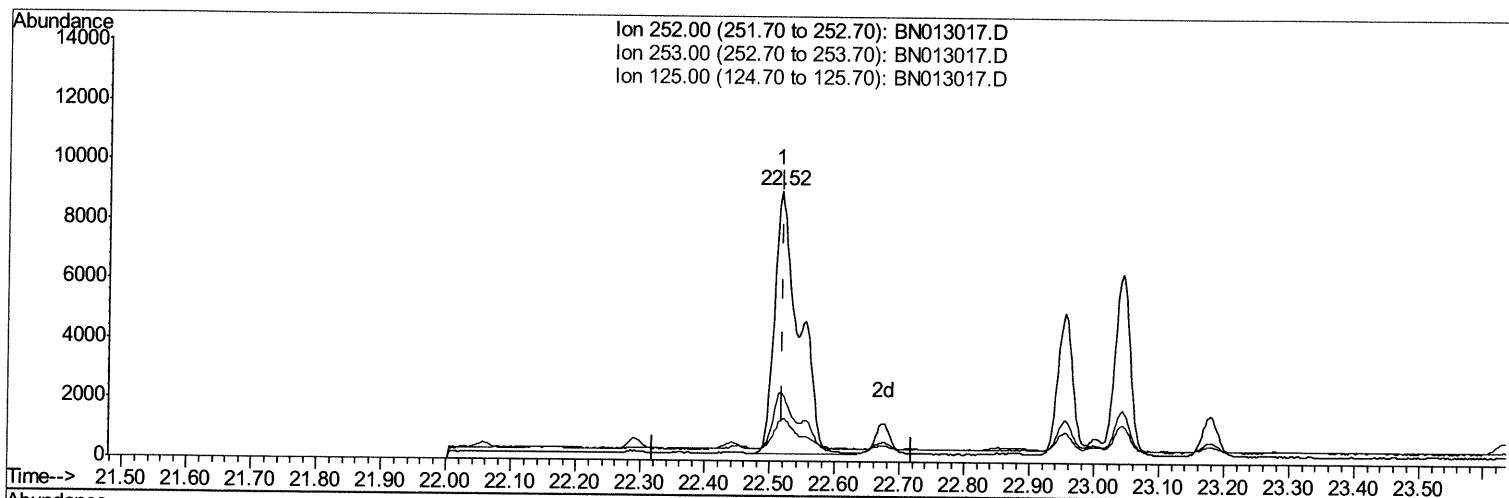
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
Data File : BN013017.D  
Acq On : 09 Dec 2020 18:20  
Operator : CG/JU  
Sample : L4941-03  
Misc :  
ALS Vial : 87 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AX8

Manual Integrations  
APPROVED

mohammad  
12/11/2020 1:17:52 PM

Quant Time: Dec 10 01:04:12 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 : Wed Dec 09 07:33:34 2020  
Response via : Initial Calibration



TIC: BN013017.D

(21) Benzo(b)fluoranthene

22.516min (-0.003) 1.46ng/ul

response 23145

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 25.64 |
| 125.00 | 13.00 | 14.99 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

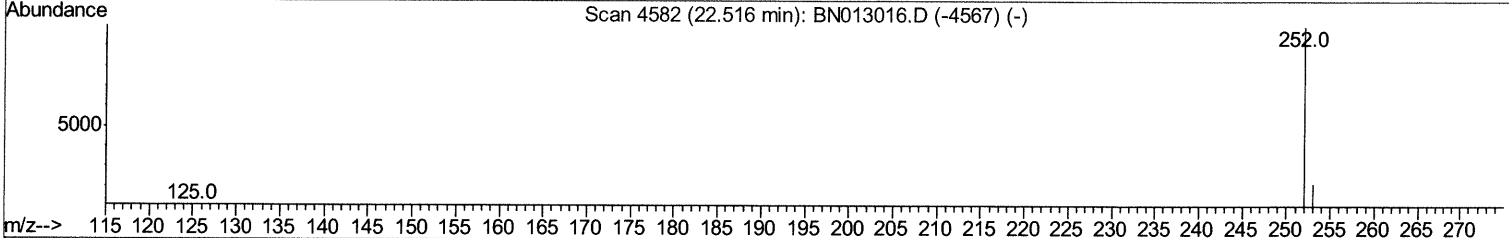
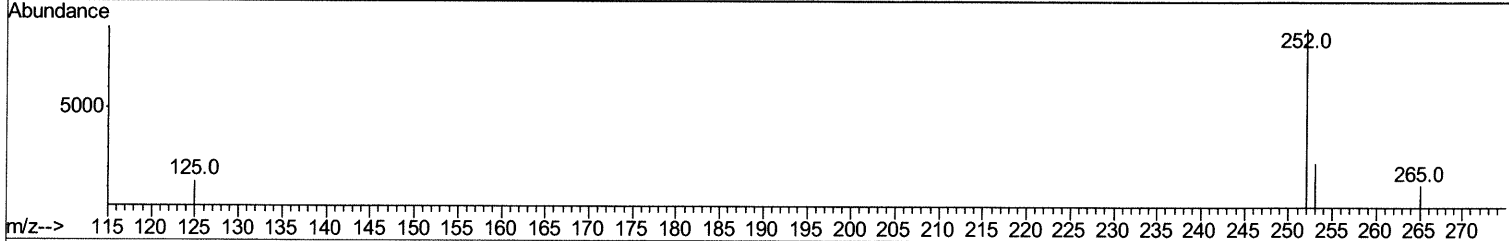
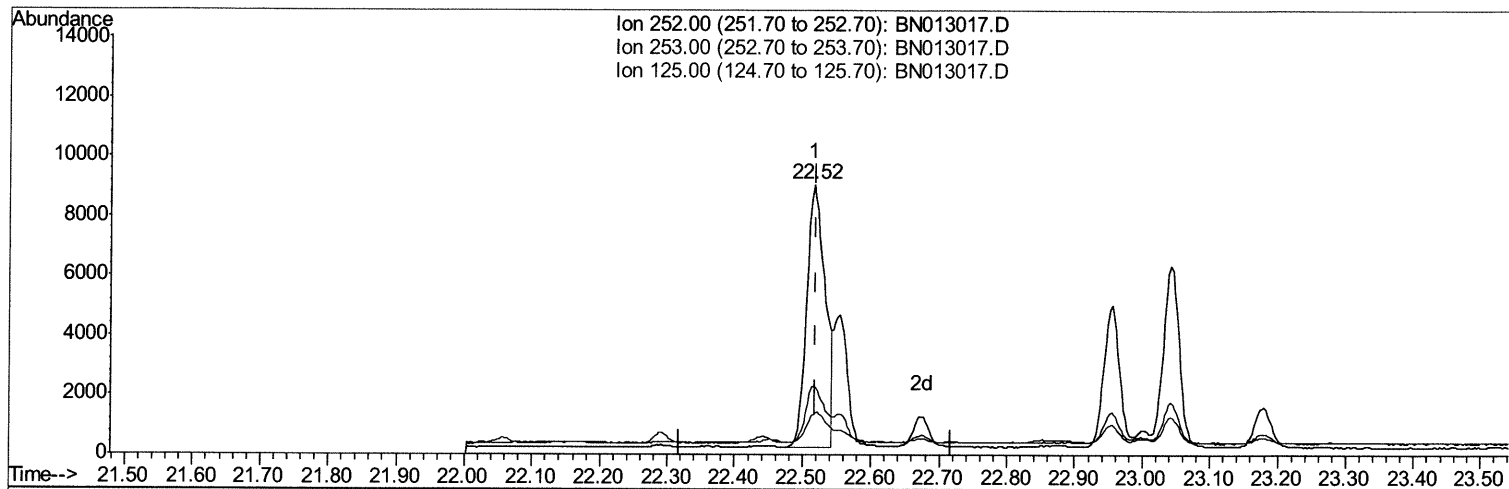
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
 Data File : BN013017.D  
 Acq On : 09 Dec 2020 18:20  
 Operator : CG/JU  
 Sample : L4941-03  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AX8

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:17:52 PM

Quant Time: Dec 10 01:04:12 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 : Wed Dec 09 07:33:34 2020  
 Response via : Initial Calibration



TIC: BN013017.D

(21) Benzo(b)fluoranthene

22.516min (-0.003) 1.05ng/ul m 12/14/2020

response 16723

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 25.64 |
| 125.00 | 13.00 | 14.99 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

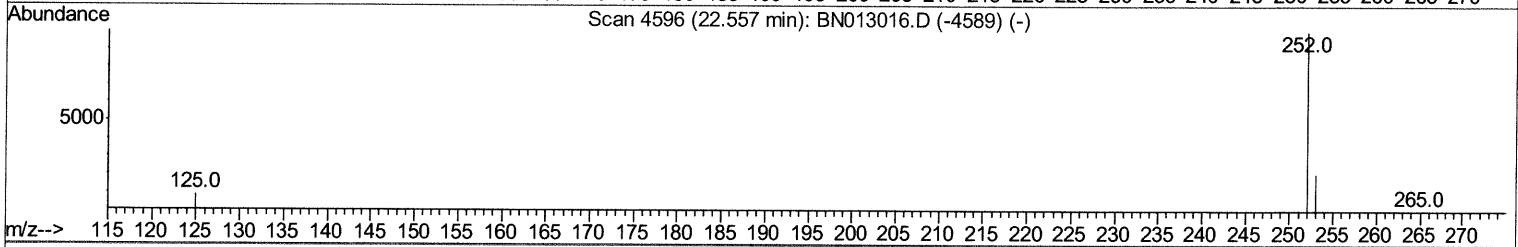
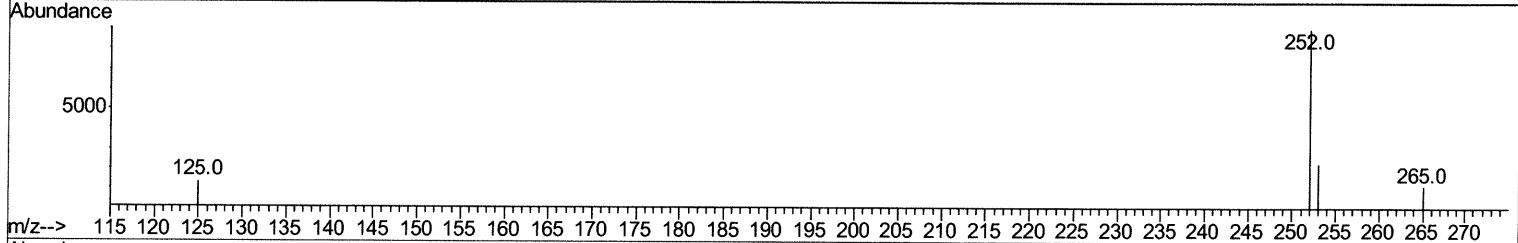
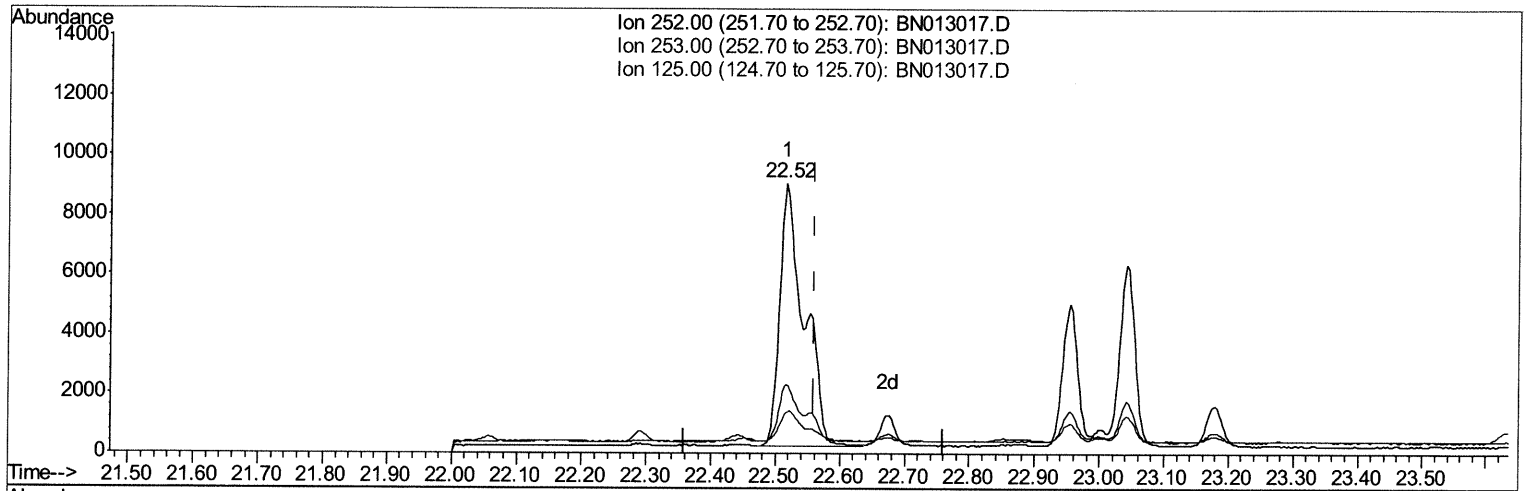
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
 Data File : BN013017.D  
 Acq On : 09 Dec 2020 18:20  
 Operator : CG/JU  
 Sample : L4941-03  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 C0AX8

**Manual Integrations**  
**APPROVED**

mohammad  
 12/11/2020 1:17:52 PM

Quant Time: Dec 10 01:04:12 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 : Wed Dec 09 07:33:34 2020  
 Response via : Initial Calibration



TIC: BN013017.D

(22) Benzo(k)fluoranthene  
 22.516min (-0.044) 1.31ng/ul  
 response 23068

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 25.64 |
| 125.00 | 13.90 | 14.99 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

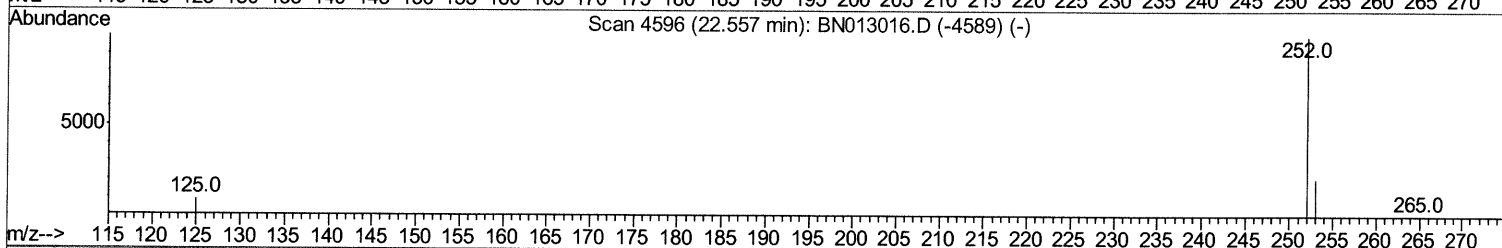
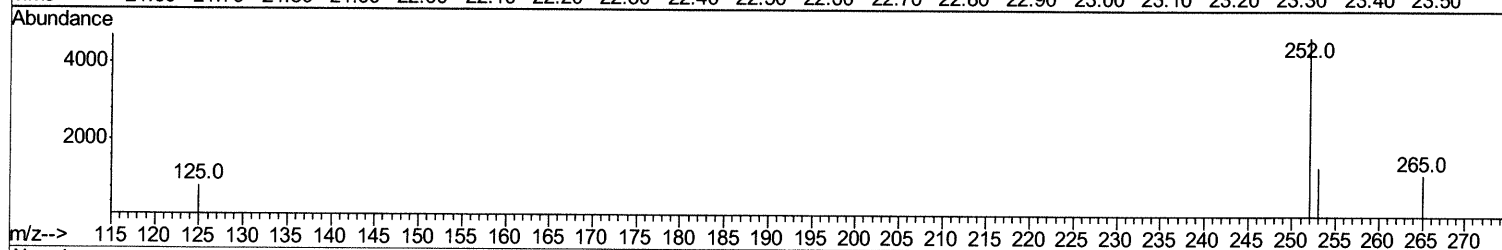
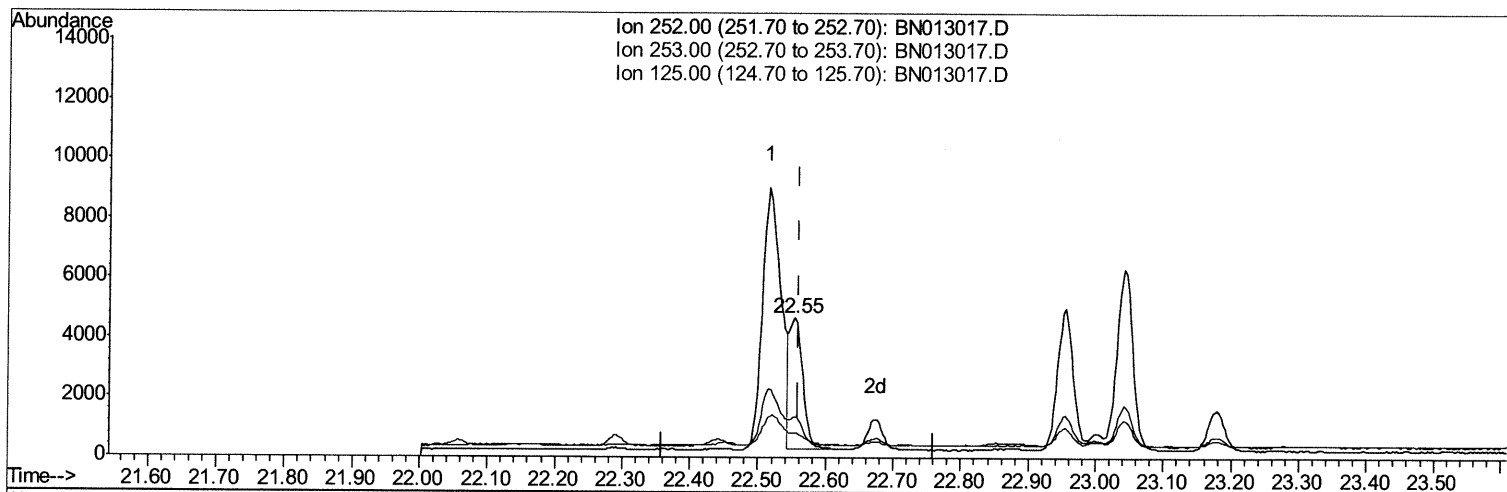
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
 Data File : BN013017.D  
 Acq On : 09 Dec 2020 18:20  
 Operator : CG/JU  
 Sample : L4941-03  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AX8

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:17:52 PM

Quant Time: Dec 10 01:04:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



TIC: BN013017.D

(22) Benzo(k)fluoranthene

22.554min (-0.006) 0.35ng/ul m 12/14/2020

response 6150

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 29.19  |
| 125.00 | 13.90 | 17.77# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
 Data File : BN013017.D  
 Acq On : 09 Dec 2020 18:20  
 Operator : CG/JU  
 Sample : L4941-03  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AX8

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:17:52 PM

Quant Time: Dec 10 01:06:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 1008     | 0.40  | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.14 | 136  | 3965     | 0.40  | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.05 | 164  | 2202     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.81 | 188  | 4572m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.03 | 240  | 3694     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.14 | 264  | 3438     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.75 | 152  | 1162     | 0.20  | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 18.85 | 212  | 2600     | 0.21  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 7) Acenaphthylene           | 13.76 | 152  | 386      | 0.037 | ng/ul# | 62       |
| 9) Fluorene                 | 15.11 | 166  | 218      | 0.022 | ng/ul# | 89       |
| 12) Phenanthrene            | 16.85 | 178  | 6592     | 0.430 | ng/ul  | 99       |
| 13) Anthracene              | 16.94 | 178  | 906      | 0.069 | ng/ul# | 88       |
| 15) Fluoranthene            | 18.88 | 202  | 22051    | 1.211 | ng/ul  | 99       |
| 17) Pyrene                  | 19.25 | 202  | 18926    | 1.085 | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.02 | 228  | 10410    | 0.681 | ng/ul  | 98       |
| 19) Chrysene                | 21.07 | 228  | 12944    | 0.767 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.52 | 252  | 16723m   | 1.051 | ng/ul  | 92       |
| 22) Benzo(k)fluoranthene    | 22.55 | 252  | 6150m    | 0.350 | ng/ul  | 94       |
| 23) Benzo(a)pyrene          | 23.04 | 252  | 10101    | 0.684 | ng/ul  | 92       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.19 | 276  | 6763     | 0.349 | ng/ul# | 98       |
| 25) Dibenzo(a,h)anthracene  | 25.19 | 278  | 1627     | 0.106 | ng/ul# | 64       |
| 26) Benzo(a,h,i)perylene    | 25.82 | 276  | 5627     | 0.321 | ng/ul# | 94       |

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