

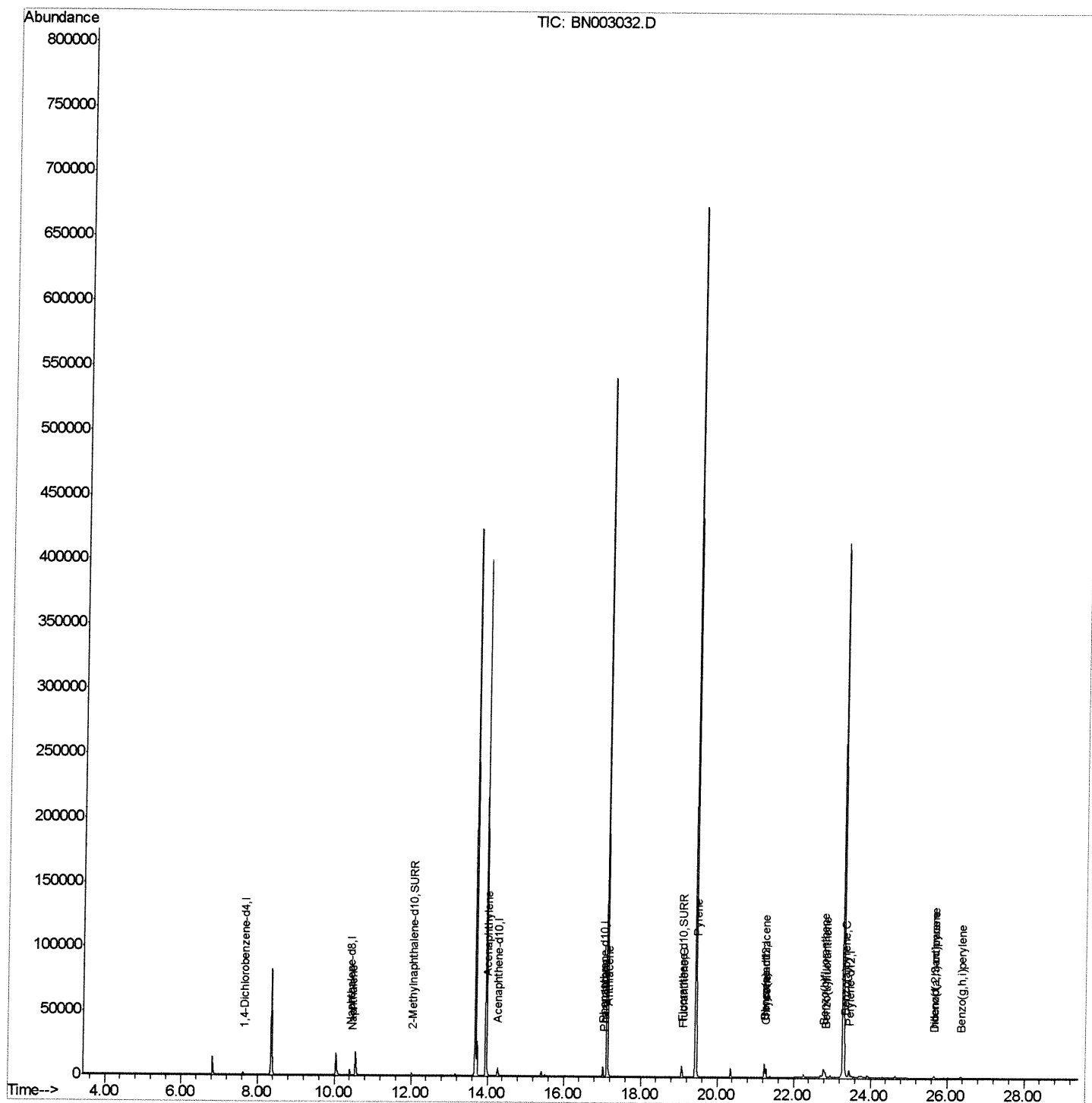
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
Data File : BN003032.D  
Acq On : 09 Oct 2018 18:21  
Operator : MJ/SJ  
Sample : J5157-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AC4

Manual Integrations  
APPROVED

Sohil  
10/10/2018 4:57:39 PM

Quant Time: Oct 09 19:01:41 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 09 08:56:18 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

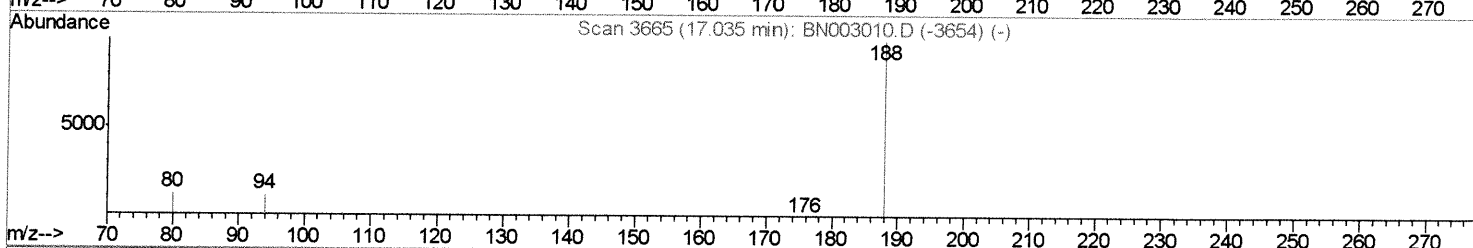
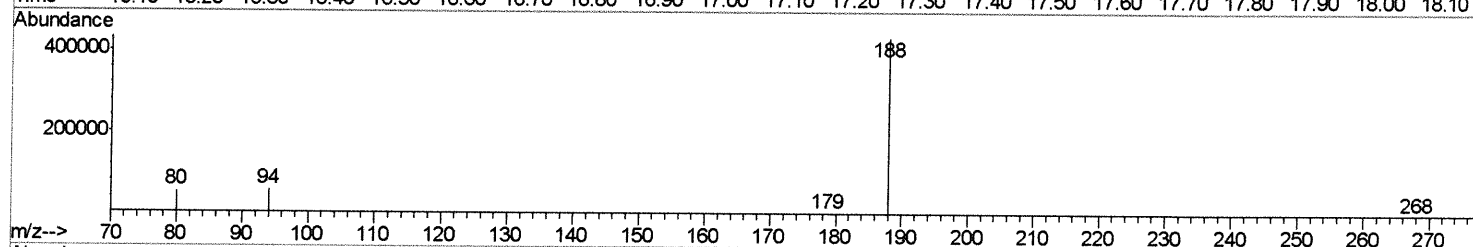
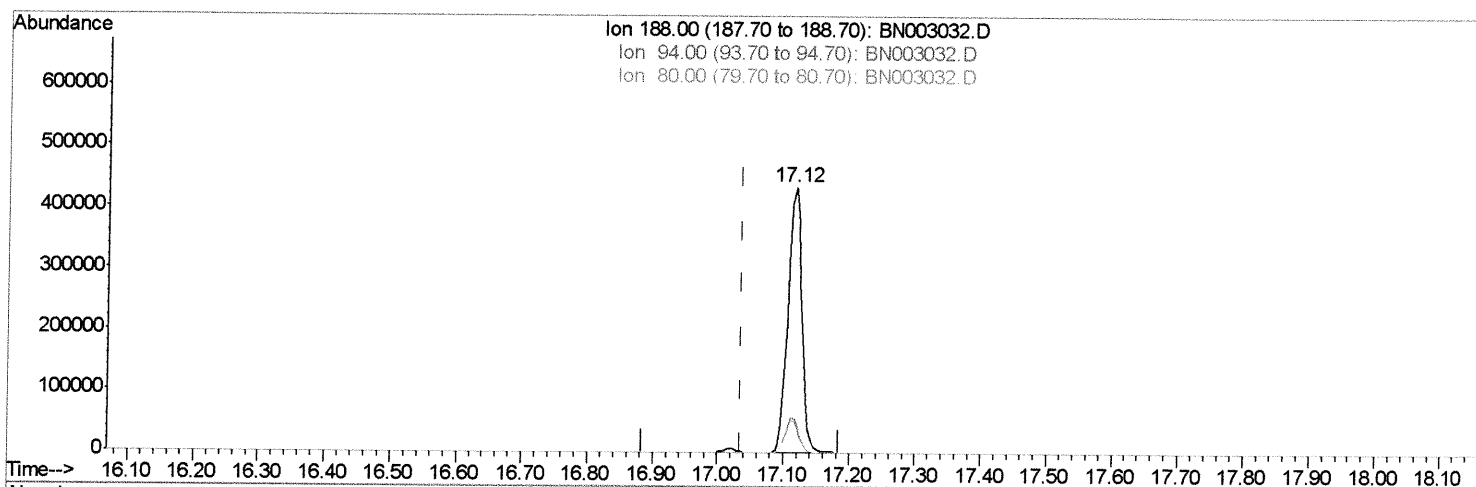
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
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Instrument :  
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 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:56:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
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TIC: BN003032.D

(10) Phenanthrene-d10 (I)

17.116min (+0.081) 0.40ng/ul

response 632397

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.80 | 12.91 |
| 80.00  | 12.70 | 11.73 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

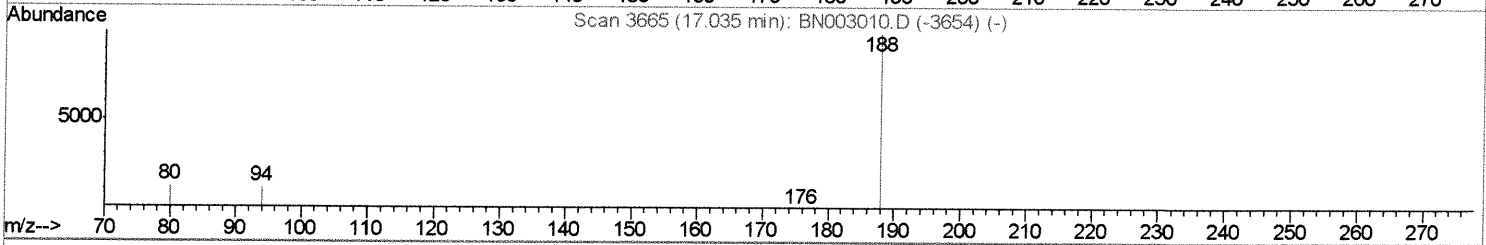
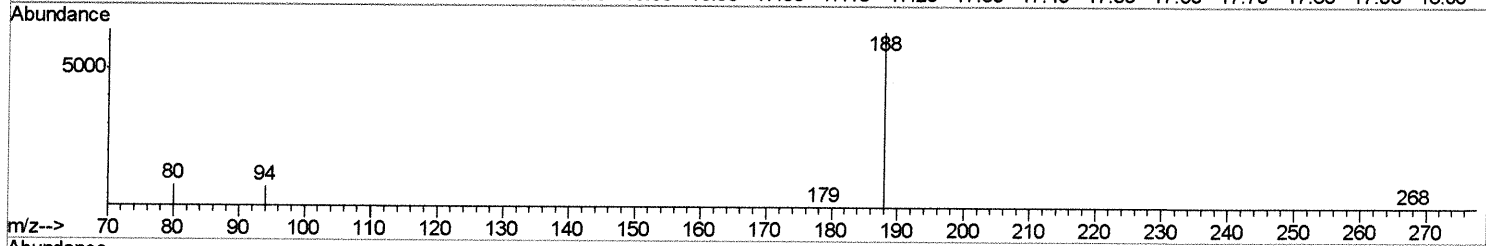
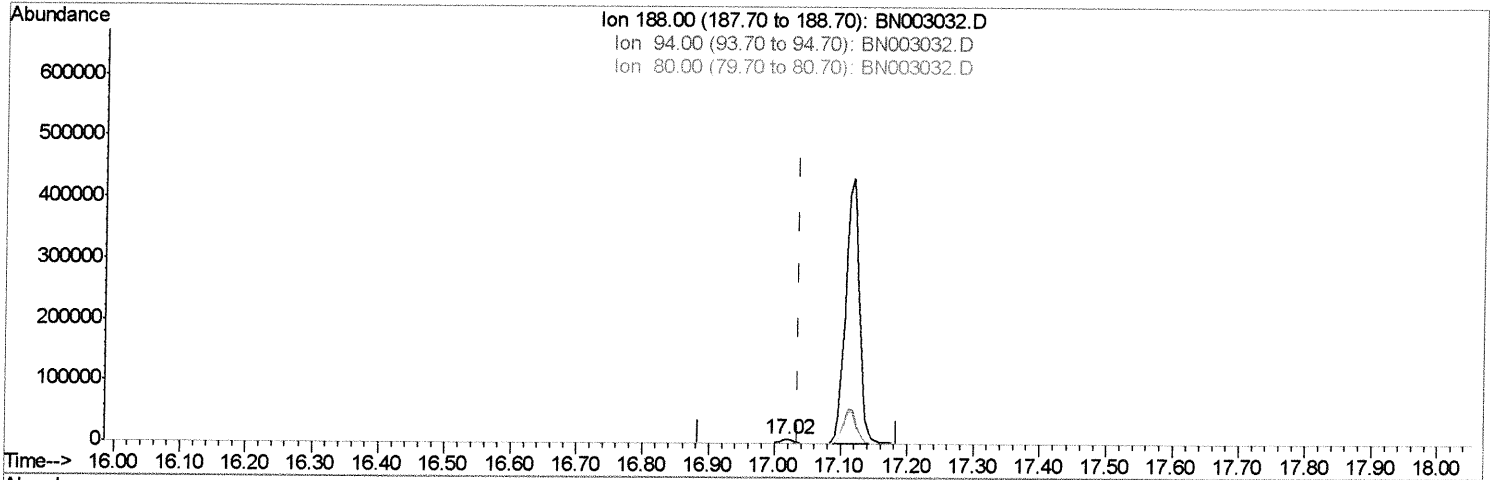
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:56:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



TIC: BN003032.D

(10) Phenanthrene-d10 (I)

17.019min (-0.017) 0.40ng/ul m

*SJ 10/12/18*

response 8981

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.80 | 11.65 |
| 80.00  | 12.70 | 12.55 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

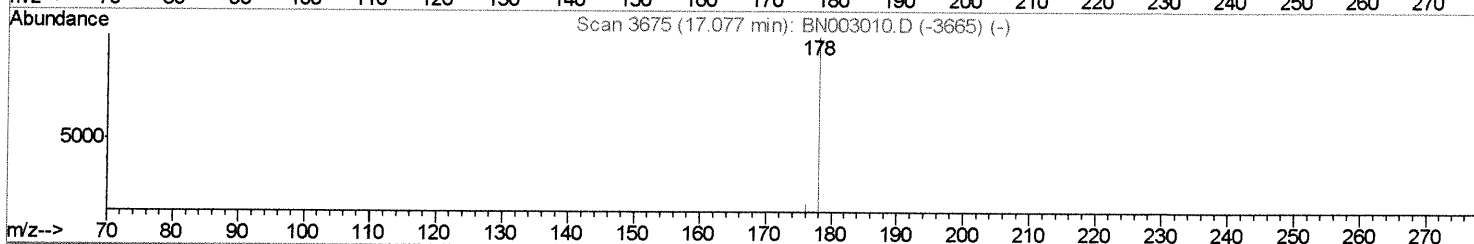
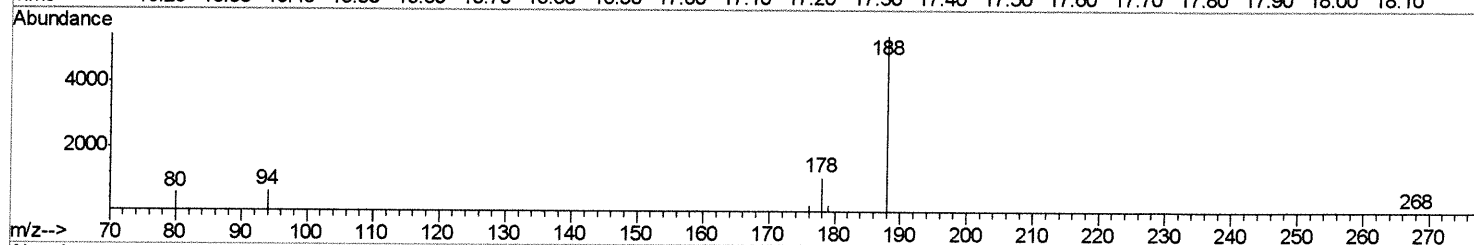
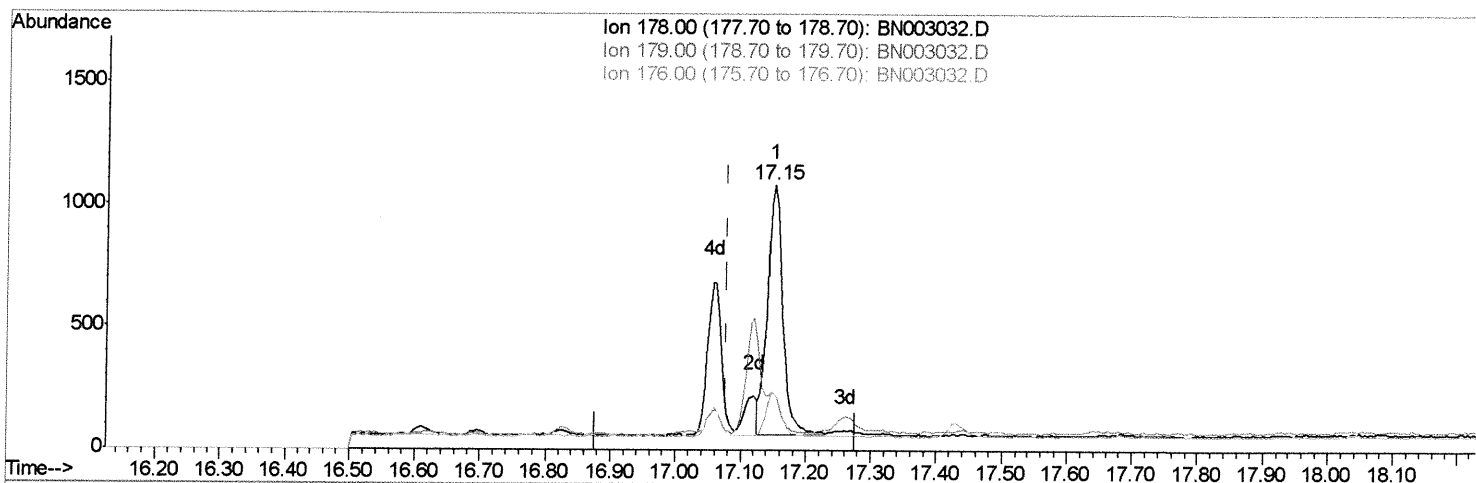
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:57:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
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TIC: BN003032.D

(12) Phenanthrene

17.150min (+0.072) 0.07ng/ul

response 1676

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 16.10 | 21.72# |
| 176.00 | 19.30 | 21.63  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

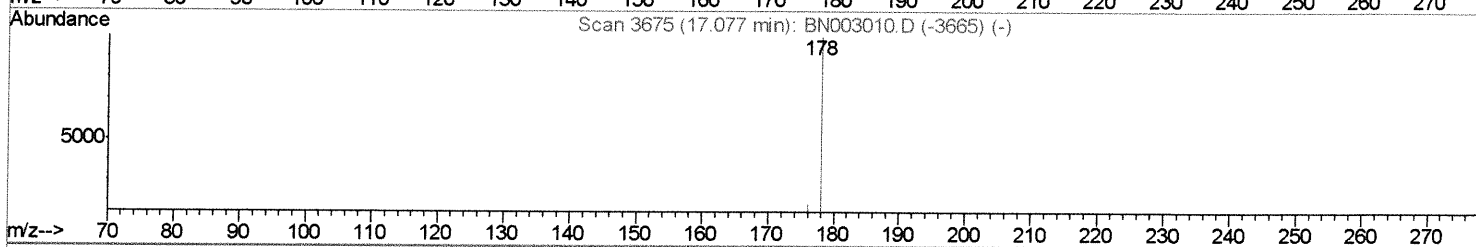
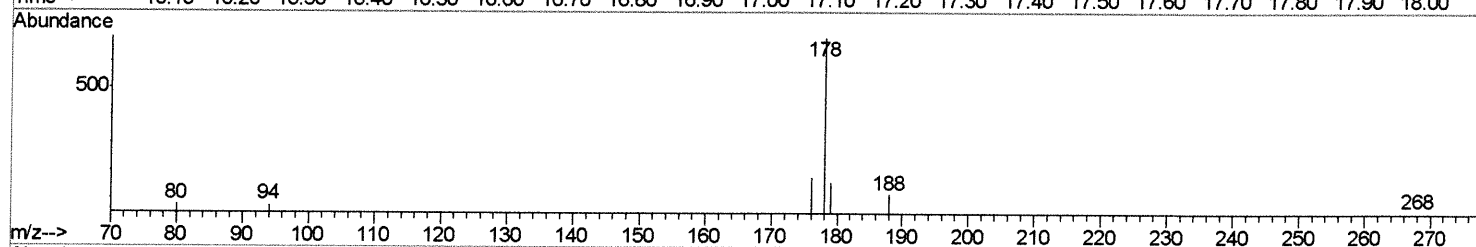
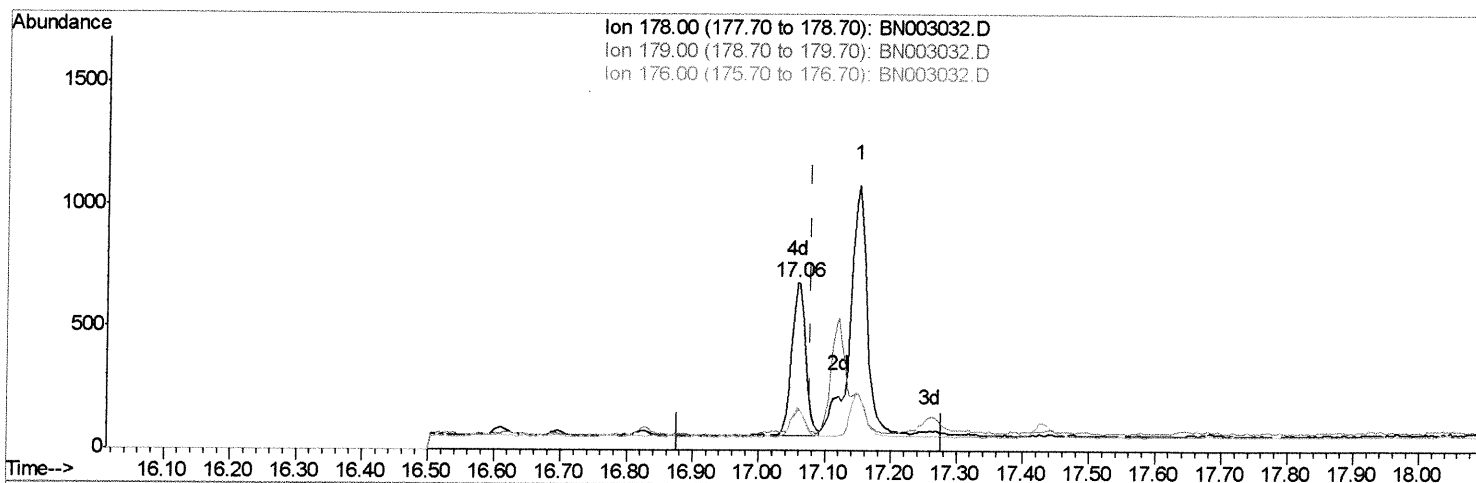
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:57:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
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 Response via : Initial Calibration



TIC: BN003032.D

(12) Phenanthrene

17.057min (-0.021) 0.04ng/ul m

*SS 10/12/18*

response 933

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 16.10 | 23.62# |
| 176.00 | 19.30 | 26.09# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

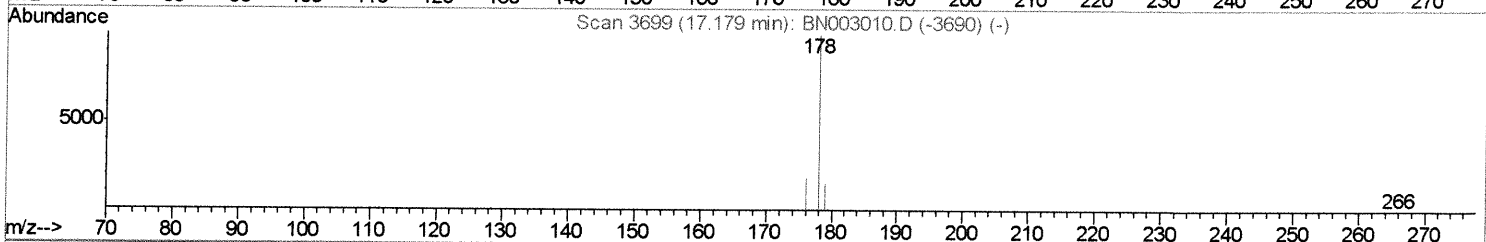
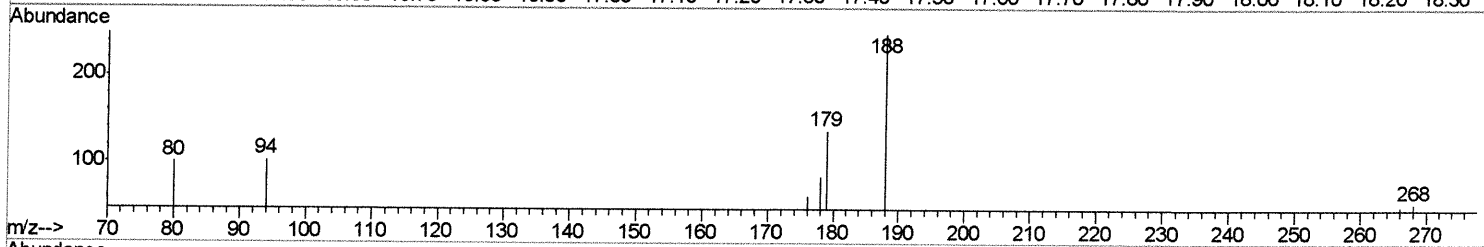
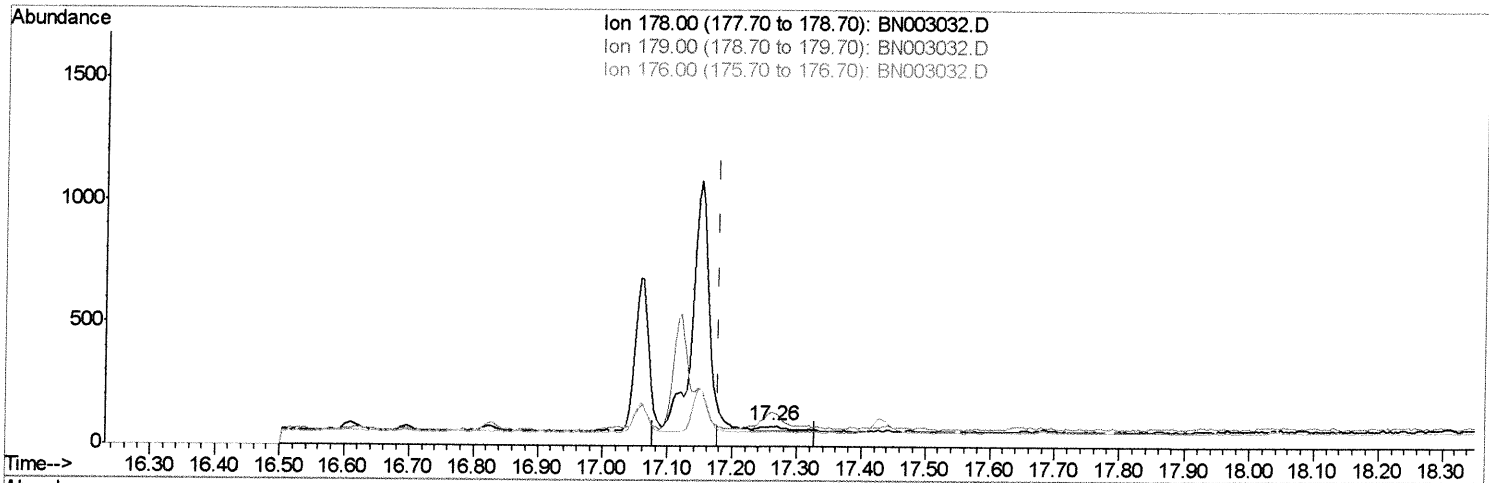
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:57:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



TIC: BN003032.D

(13) Anthracene

17.259min (+0.081) 0.00ng/ul

response 60

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 16.30 | 163.10# |
| 176.00 | 19.10 | 72.62#  |
| 0.00   | 0.00  | 0.00    |

## Quantitation Report (Qedit)

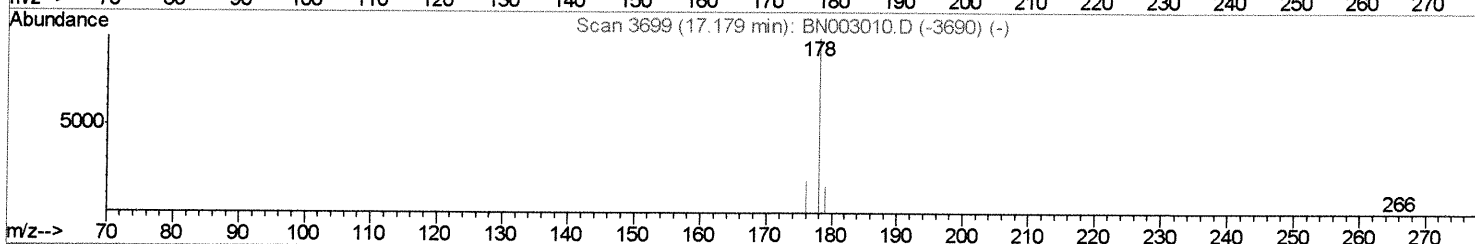
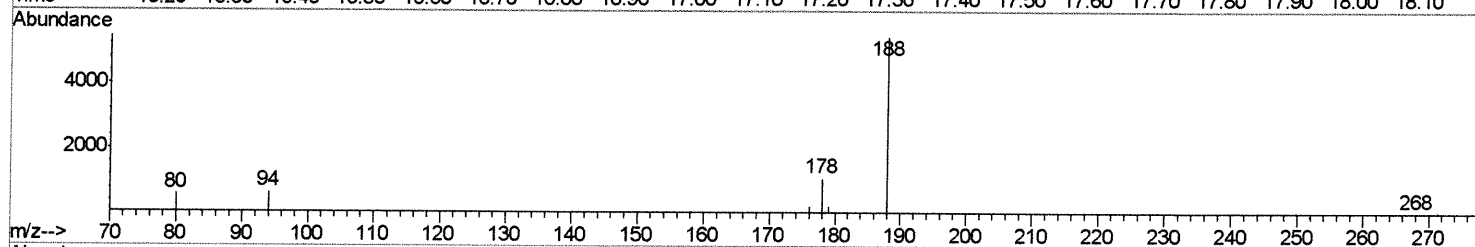
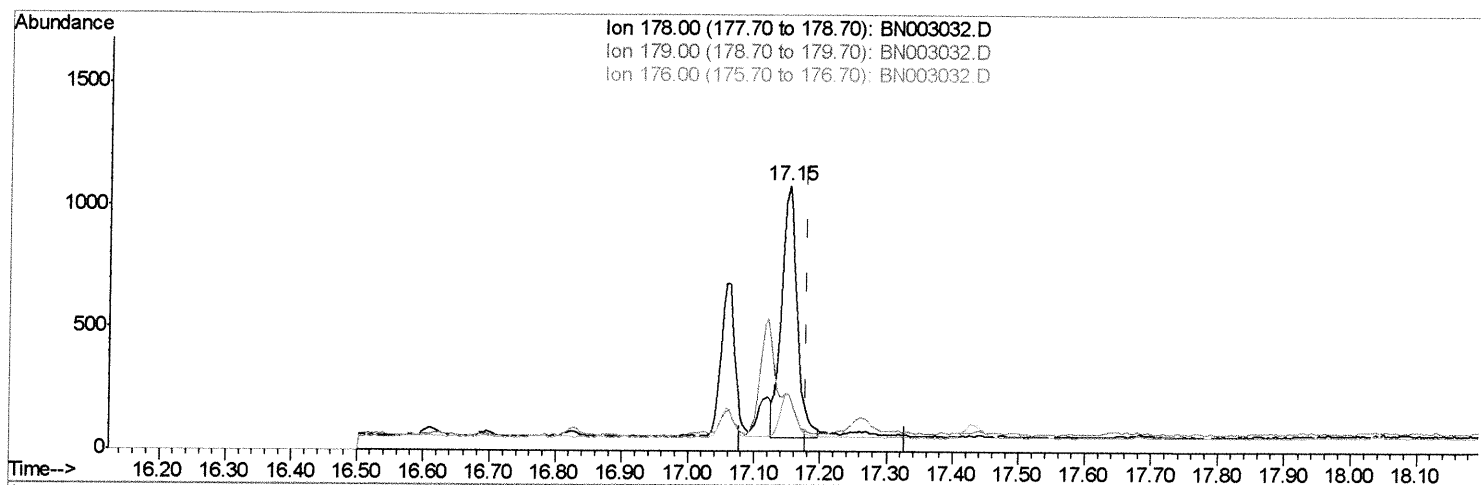
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
Data File : BN003032.D  
Acq On : 09 Oct 2018 18:21  
Operator : MJ/SJ  
Sample : J5157-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AC4

Manual Integrations  
APPROVED

Sohil  
10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:57:28 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 09 08:56:18 2018  
Response via : Initial Calibration



TIC: BN003032.D

(13) Anthracene

17.150min (-0.029) 0.07ng/ul m

SJ 10/12/18

response 1698

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 16.30 | 21.72# |
| 176.00 | 19.10 | 21.63  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

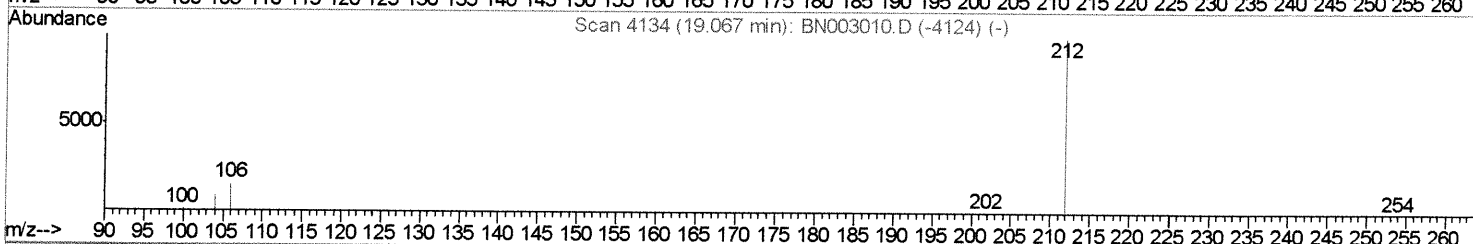
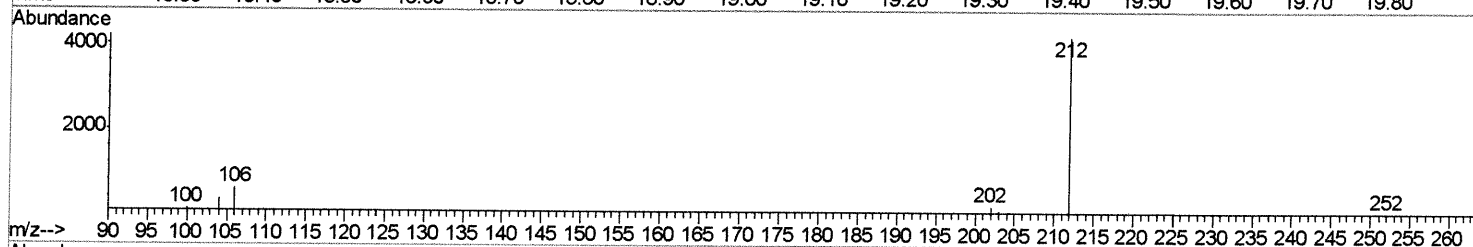
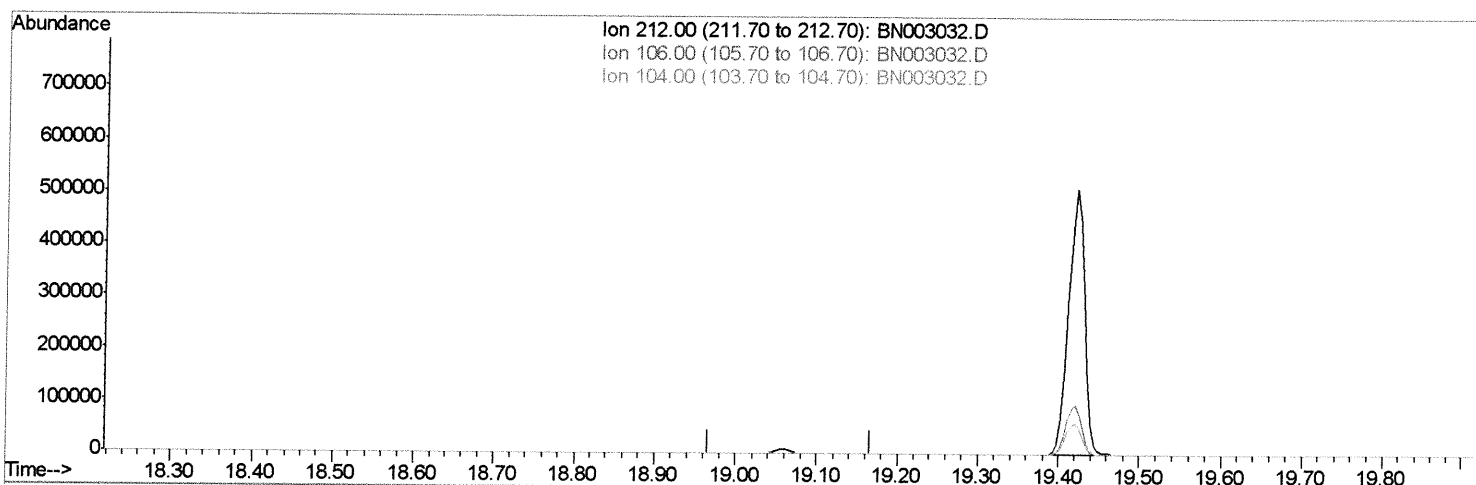
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:57:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BN003032.D

(14) Fluoranthene-d10 (SURRE)

19.067min (-19.067) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 15.40 | 0.00# |
| 104.00 | 8.60  | 0.00# |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

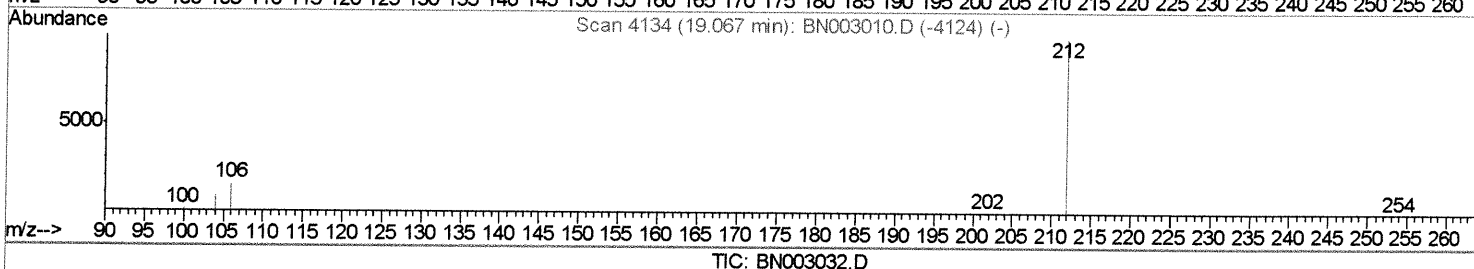
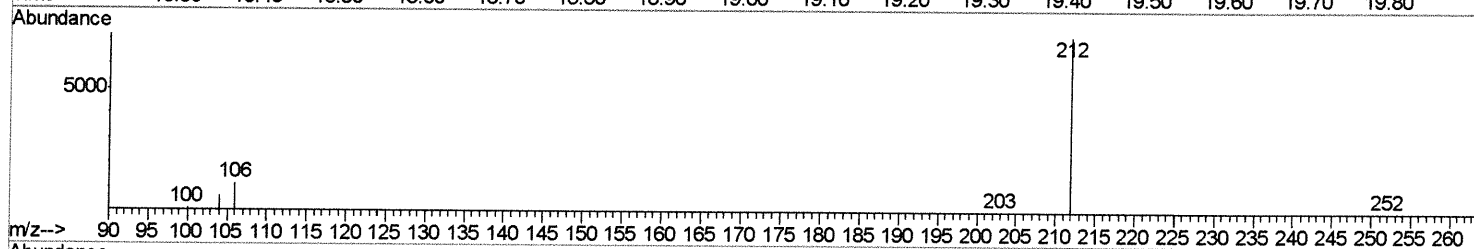
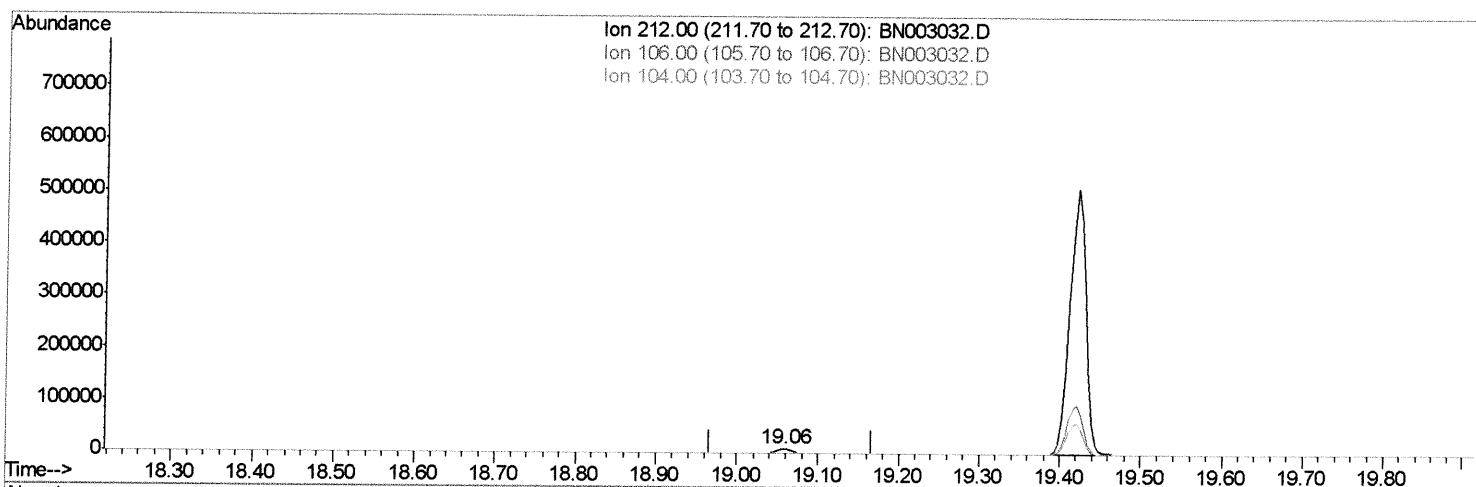
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:57:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



TIC: BN003032.D

(14) Fluoranthene-d10 (SURR)

19.058min (-0.009) 0.38ng/ul m

*SJ 10/12/18*

response 9798

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 15.40 | 0.00# |
| 104.00 | 8.60  | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

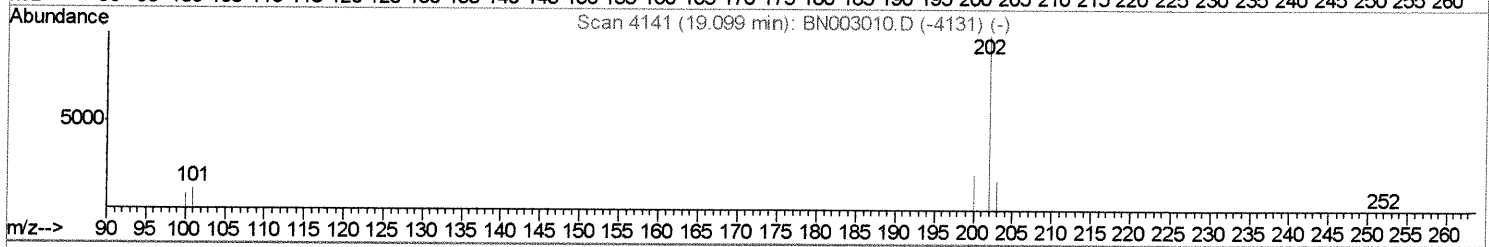
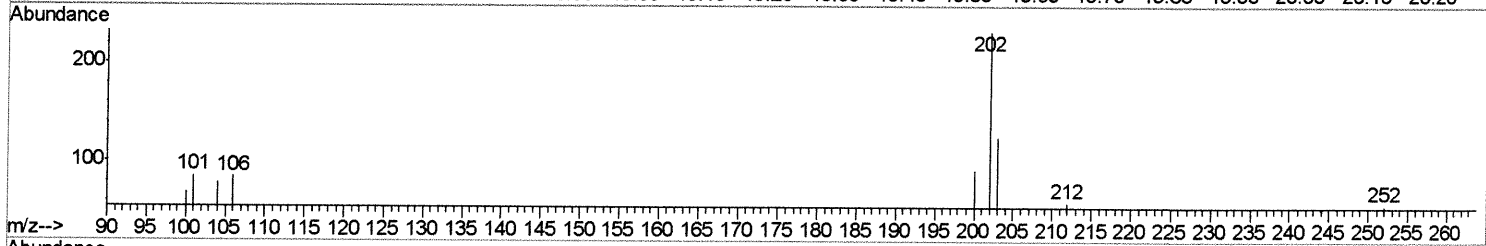
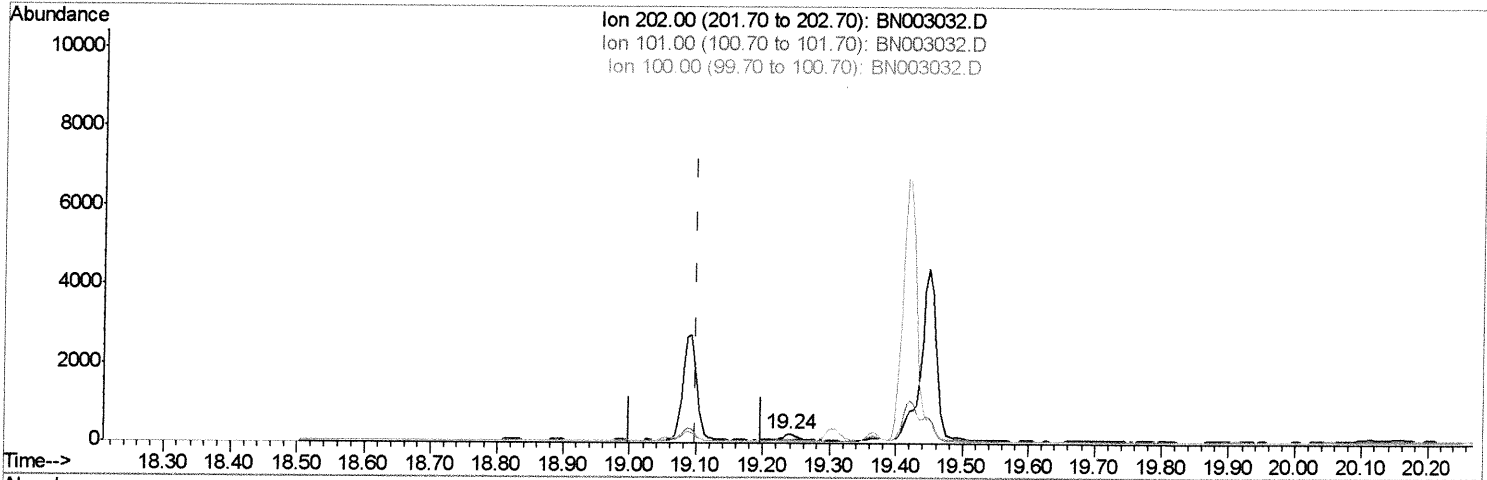
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:57:28 2018  
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 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



(15) Fluoranthene (C)  
 19.239min (+0.140) 0.01ng/ui  
 response 221  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 12.30 | 36.64# |
| 100.00 | 9.10  | 29.74# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

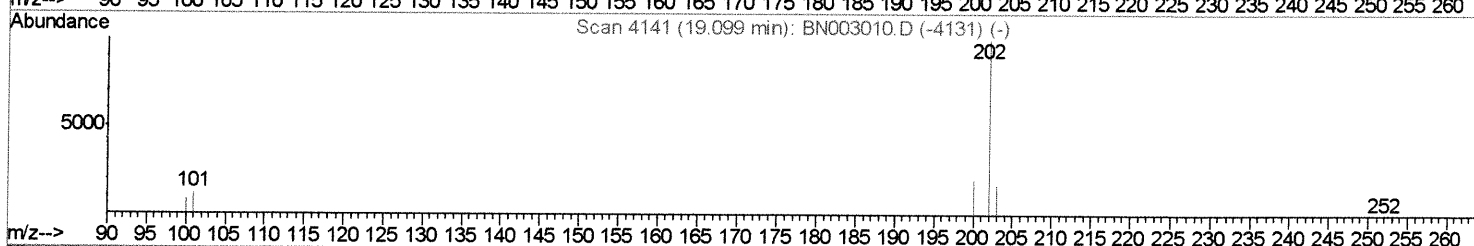
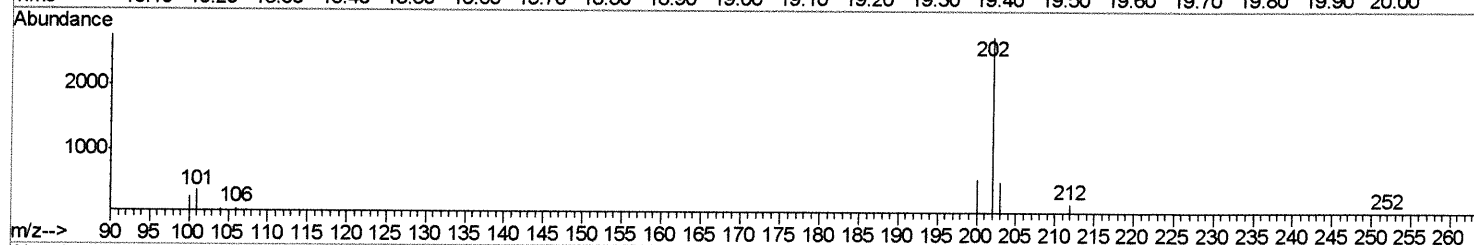
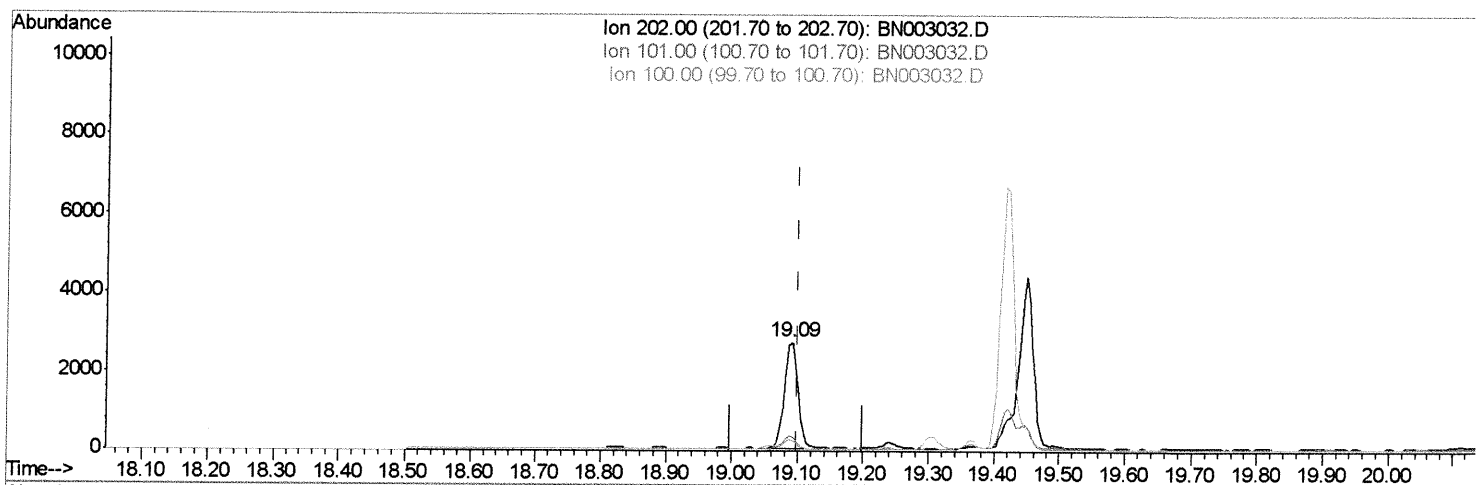
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:57:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



TIC: BN003032.D

(15) Fluoranthene (C)

19.090min (-0.009) 0.13ng/ul m

*SJ 10/12/18*

response 3906

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.30 | 13.17 |
| 100.00 | 9.10  | 9.98  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

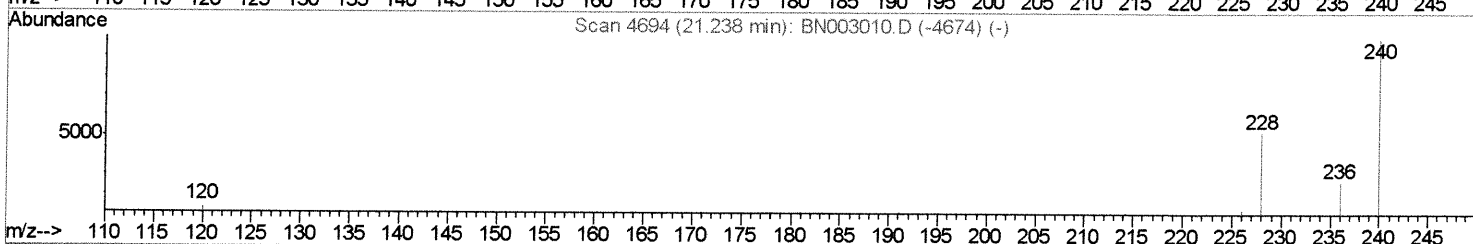
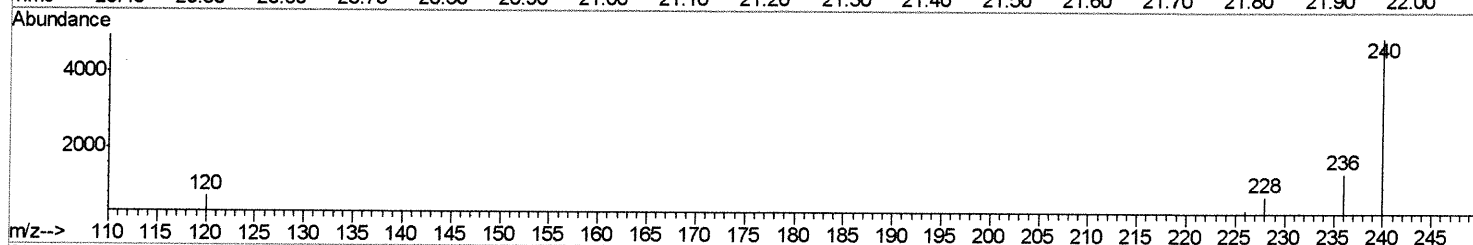
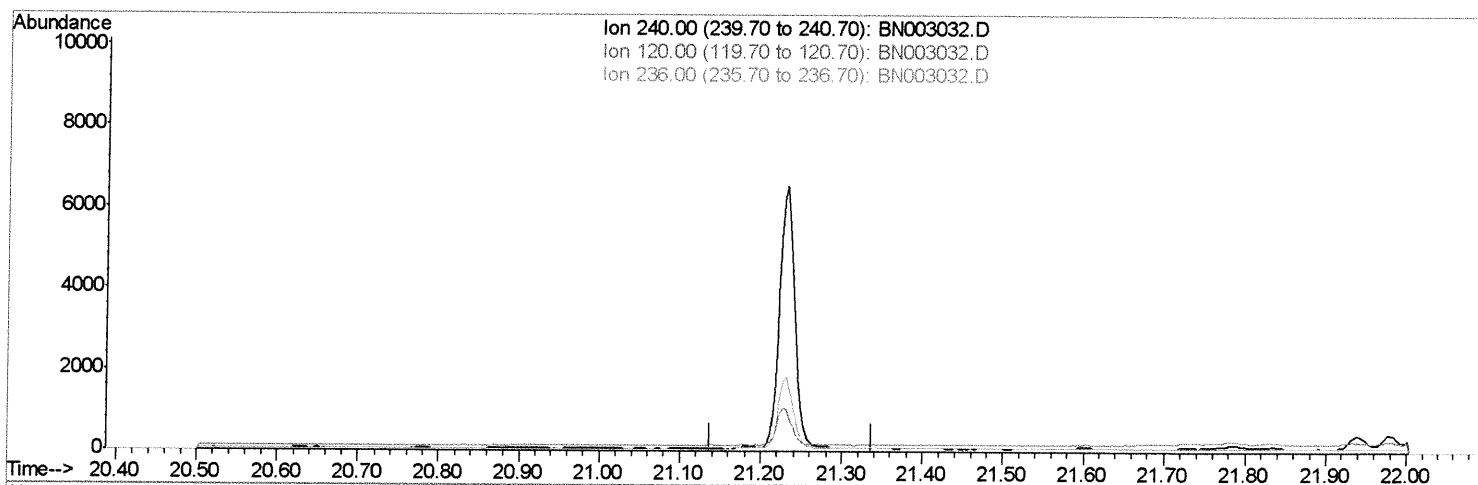
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
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 Operator : MJ/SJ  
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Manual Integrations  
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Sohil  
 10/10/2018 4:57:39 PM

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TIC: BN003032.D

(16) Chrysene-d12 (I)

21.238min (-21.238) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 0.00  |
| 120.00 | 16.40 | 0.00# |
| 236.00 | 28.10 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

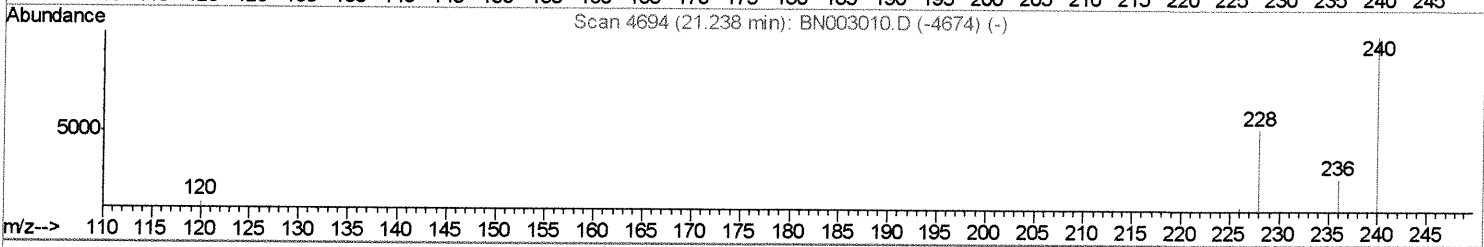
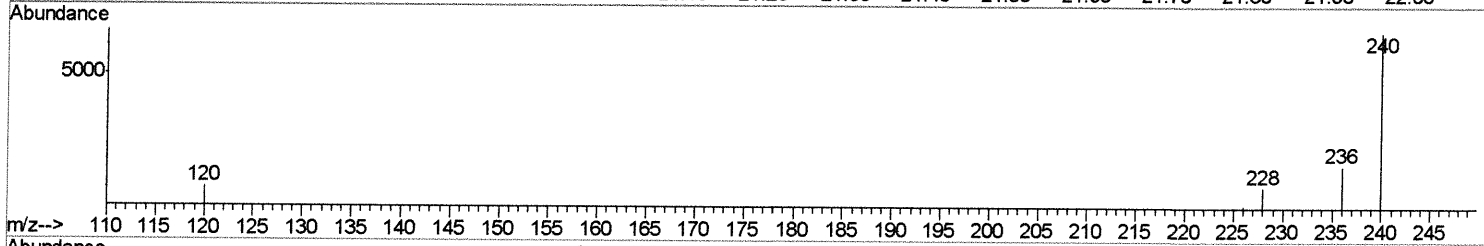
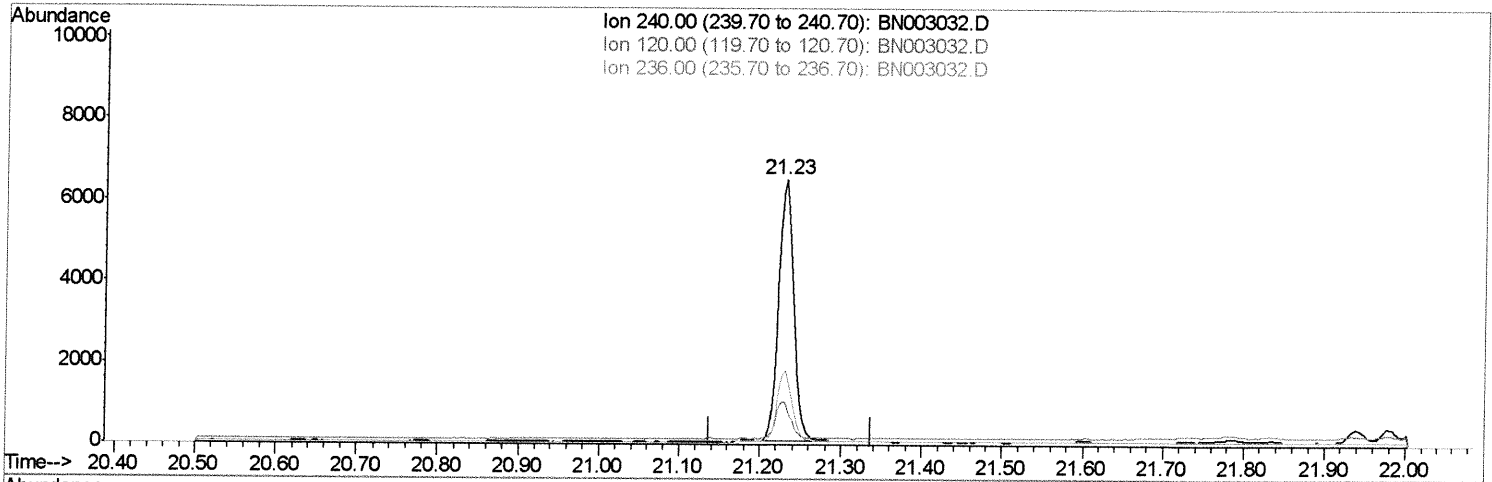
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

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TIC: BN003032.D

(16) Chrysene-d12 (I)

21.230min (-0.007) 0.40ng/ul m

*SJ 10/12/18*

response 8487

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 16.40 | 15.73 |
| 236.00 | 28.10 | 27.98 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

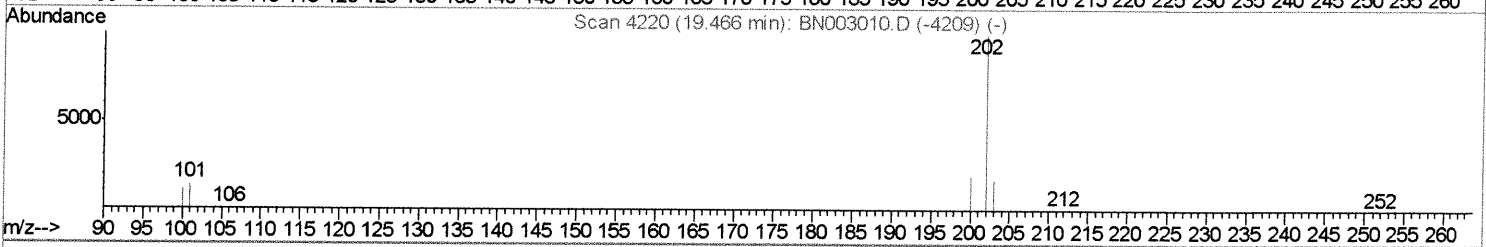
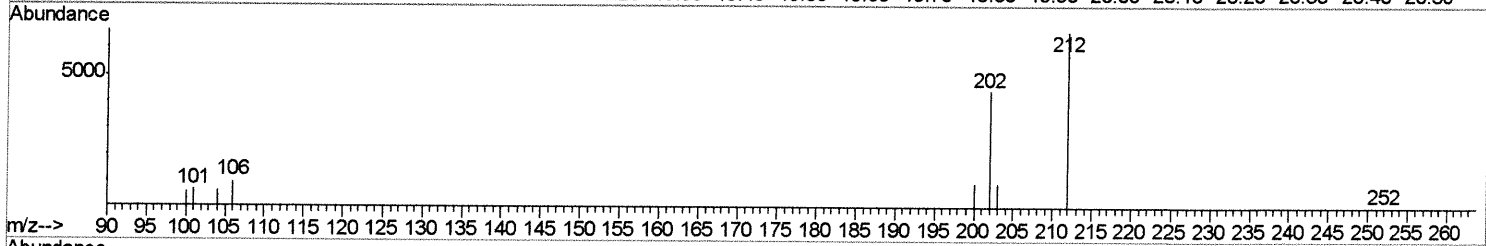
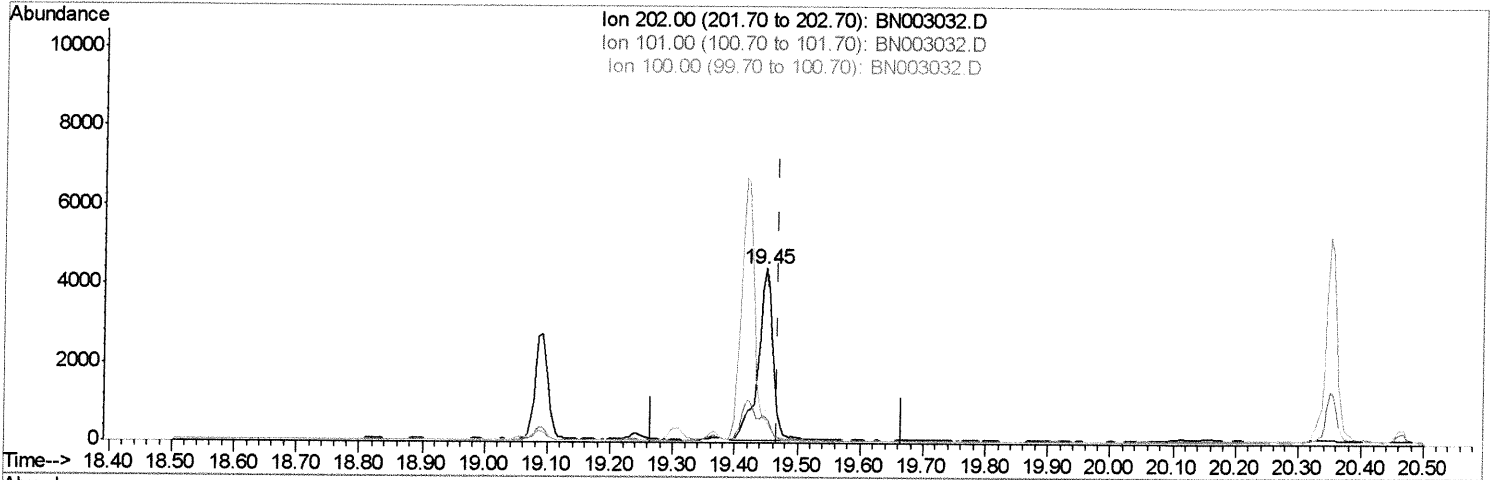
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:59:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



TIC: BN003032.D

(17) Pyrene

19.448min (-0.018) 0.22ng/ul

response 7174

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 14.90 | 15.18 |
| 100.00 | 12.40 | 13.01 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

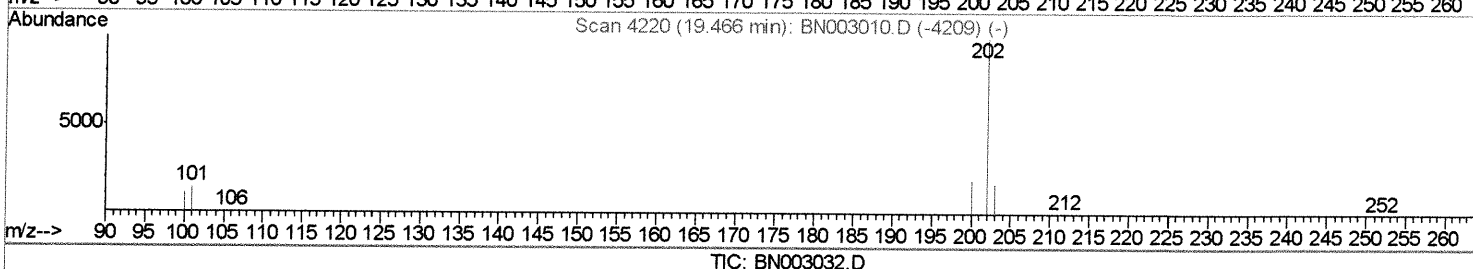
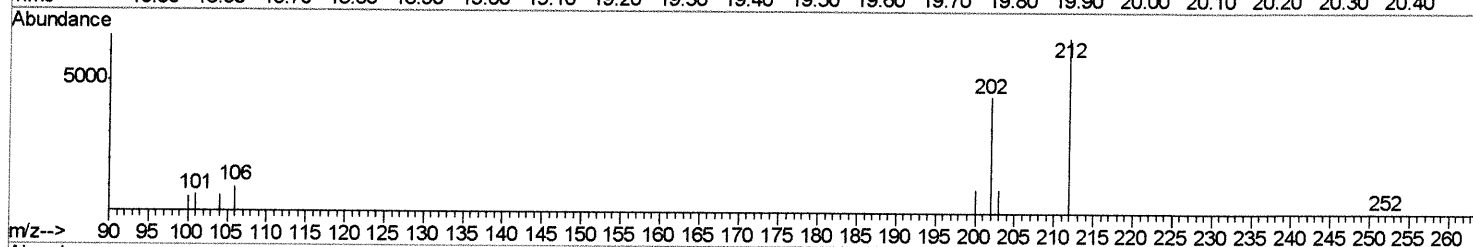
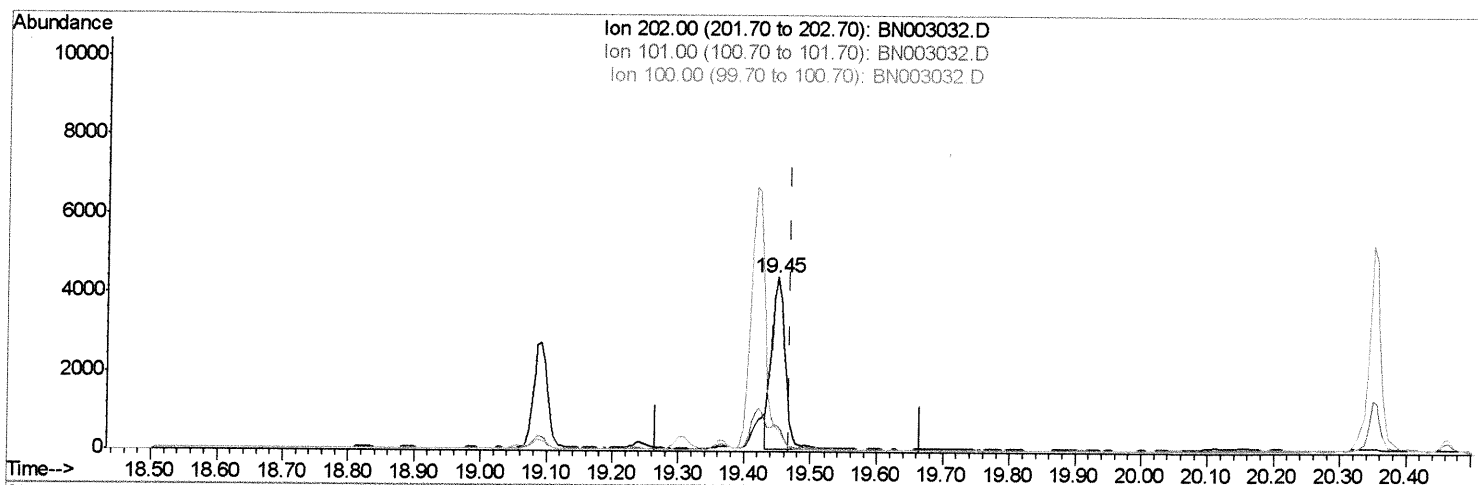
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:59:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



(17) Pyrene

19.448min (-0.018) 0.18ng/ul m

*SJ 10/12/18*

response 6044

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 14.90 | 15.18 |
| 100.00 | 12.40 | 13.01 |
| 0.00   | 0.00  | 0.00  |



## Quantitation Report (Qedit)

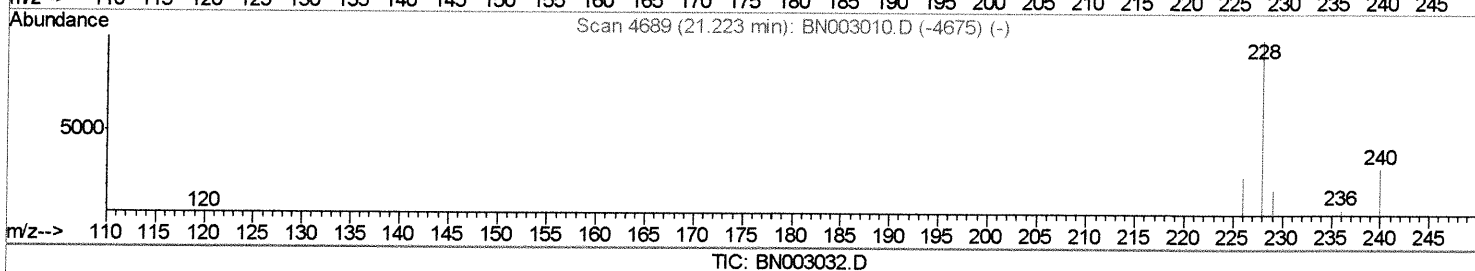
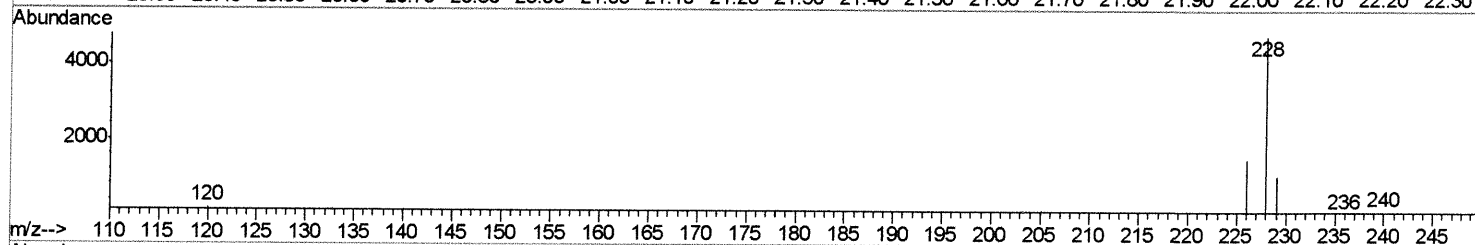
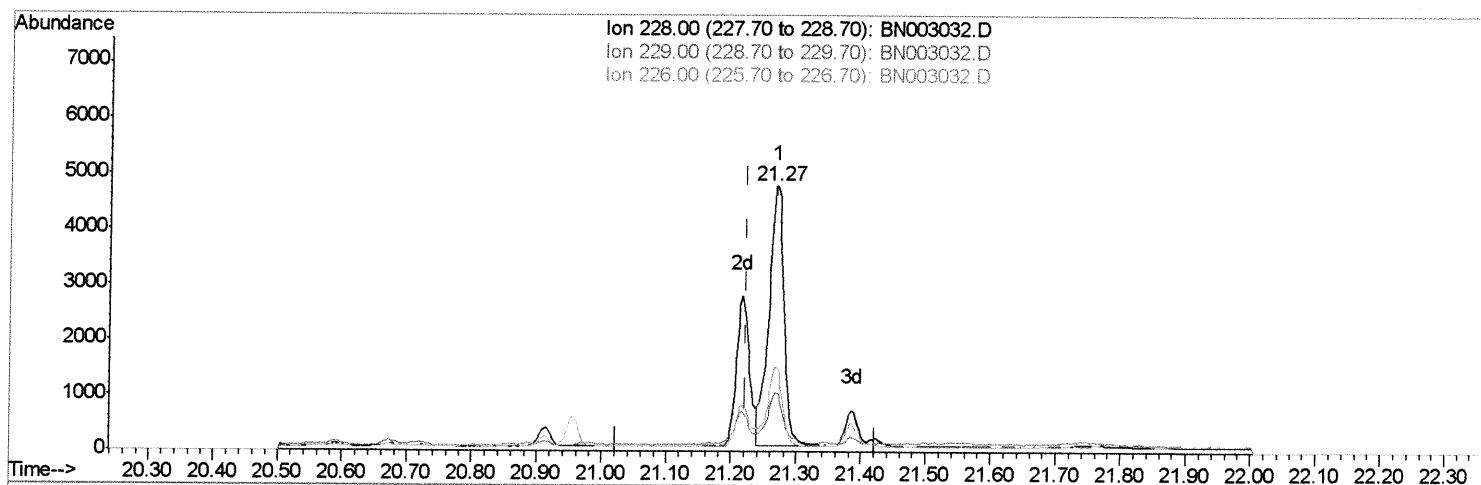
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
Data File : BN003032.D  
Acq On : 09 Oct 2018 18:21  
Operator : MJ/SJ  
Sample : J5157-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AC4

Manual Integrations  
APPROVED

Sohil  
10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:59:48 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 09 08:56:18 2018  
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.268min (+0.045) 0.27ng/ul

response 7317

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 20.20 | 22.47 |
| 226.00 | 27.90 | 31.77 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

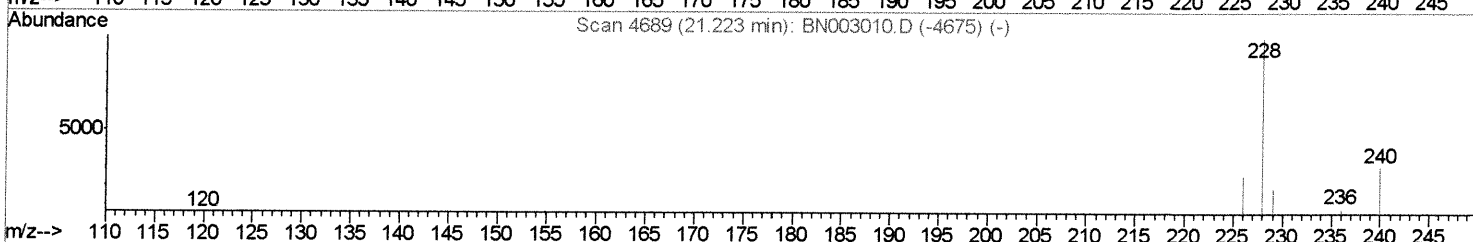
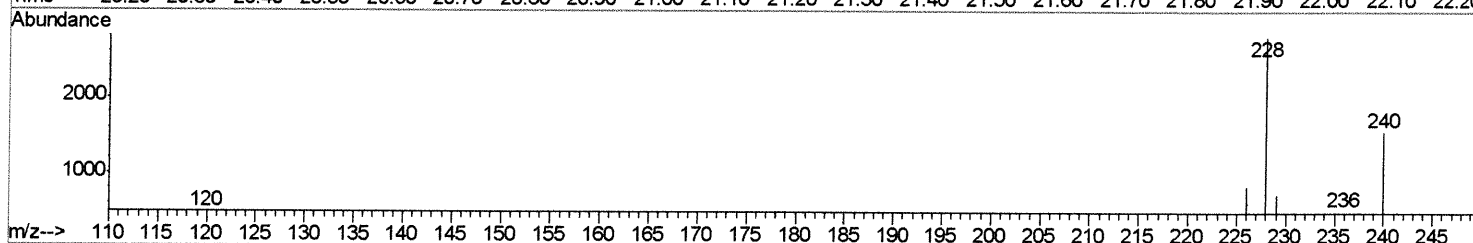
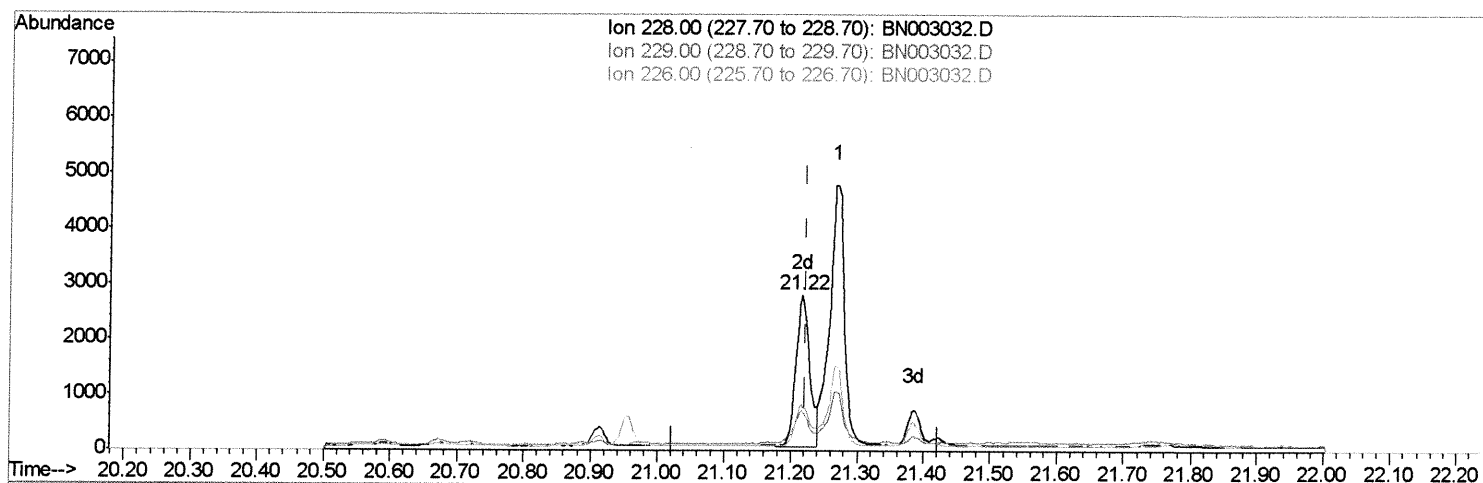
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:59:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



TIC: BN003032.D

(18) Benzo(a)anthracene

21.216min (-0.007) 0.14ng/ul m

*SS 10/12/18*

response 3944

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 20.20 | 26.06% |
| 226.00 | 27.90 | 29.99  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

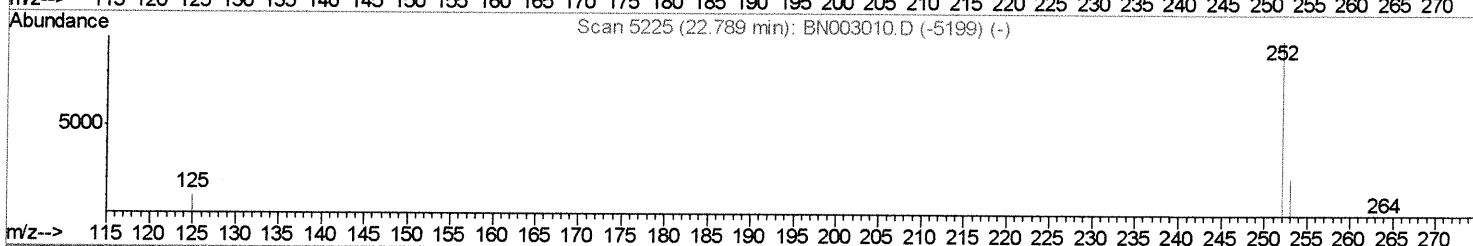
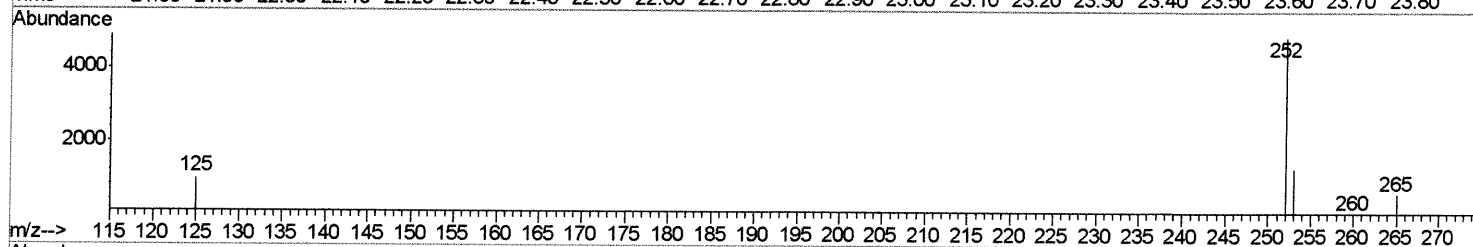
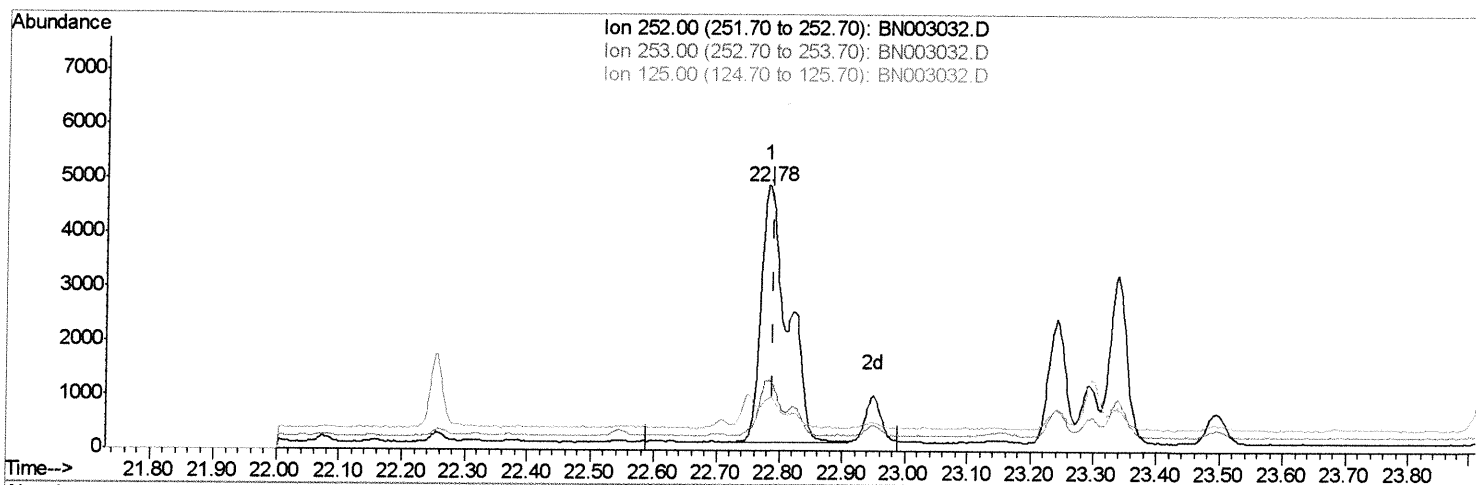
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:59:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



TIC: BN003032.D

(21) Benzo(b)fluoranthene

22.782min (-0.007) 0.53ng/ul

response 13646

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 26.81 |
| 125.00 | 17.10 | 19.90 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

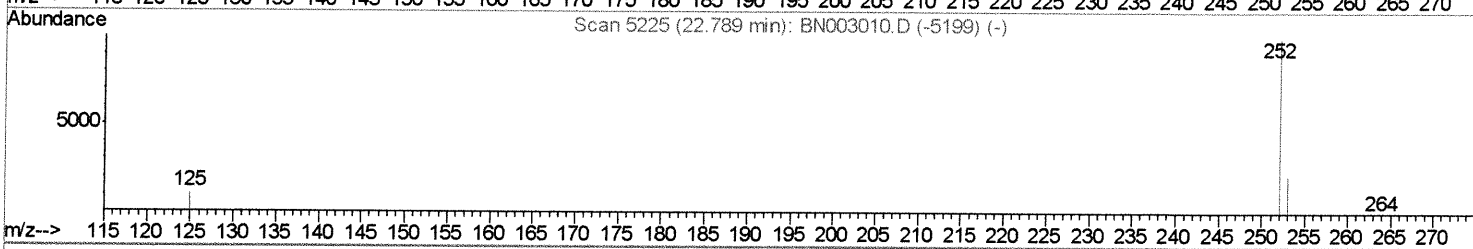
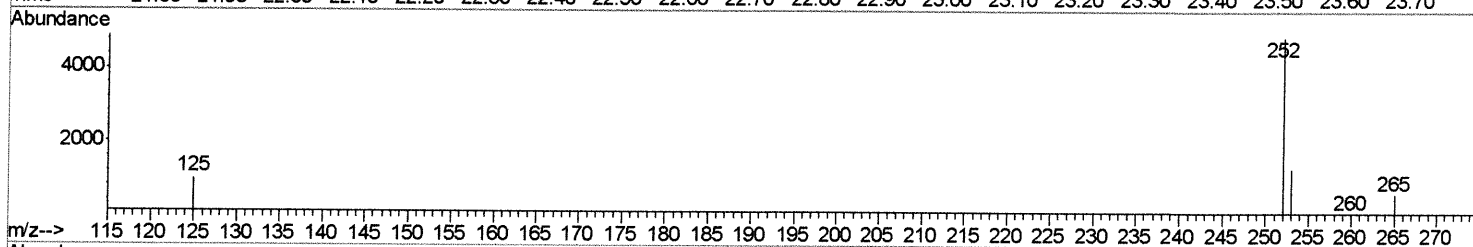
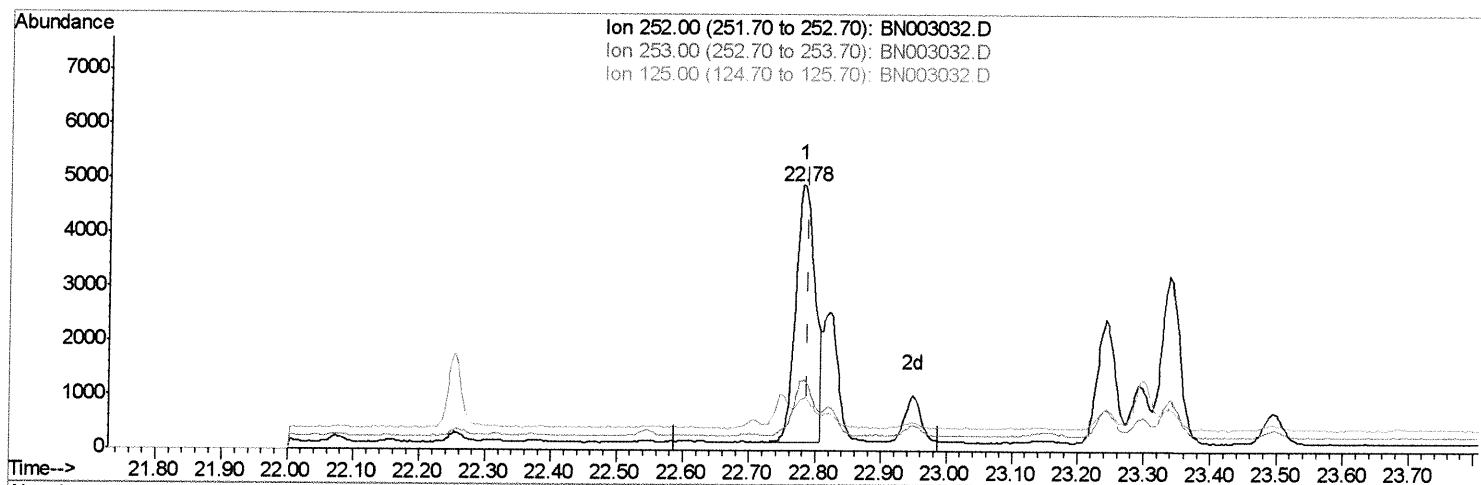
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
Data File : BN003032.D  
Acq On : 09 Oct 2018 18:21  
Operator : MJ/SJ  
Sample : J5157-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AC4

Manual Integrations  
APPROVED

Sohil  
10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:59:48 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 09 08:56:18 2018  
Response via : Initial Calibration



TIC: BN003032.D

(21) Benzo(b)fluoranthene

22.782min (-0.007) 0.38ng/ul m

SJ 10/12/18

response 9847

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 26.81 |
| 125.00 | 17.10 | 19.90 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

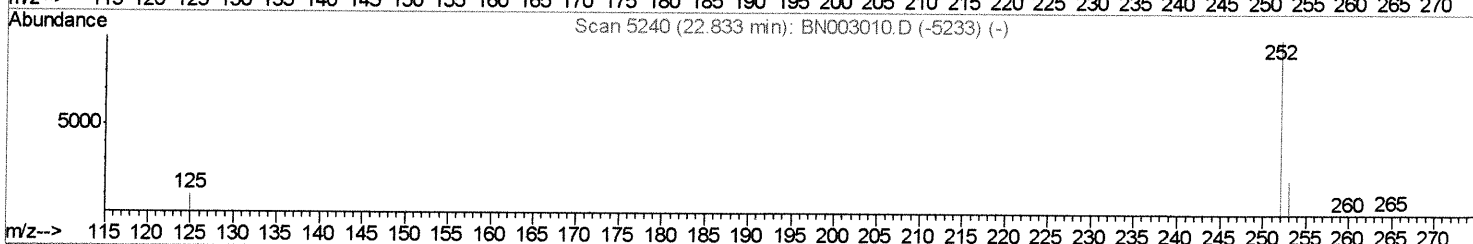
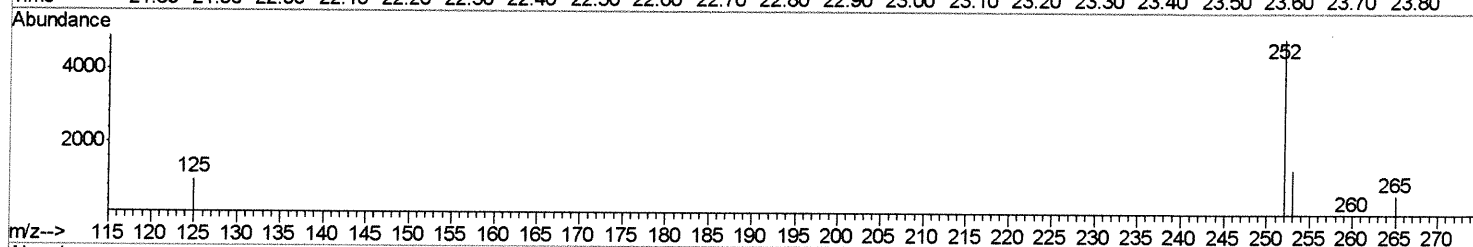
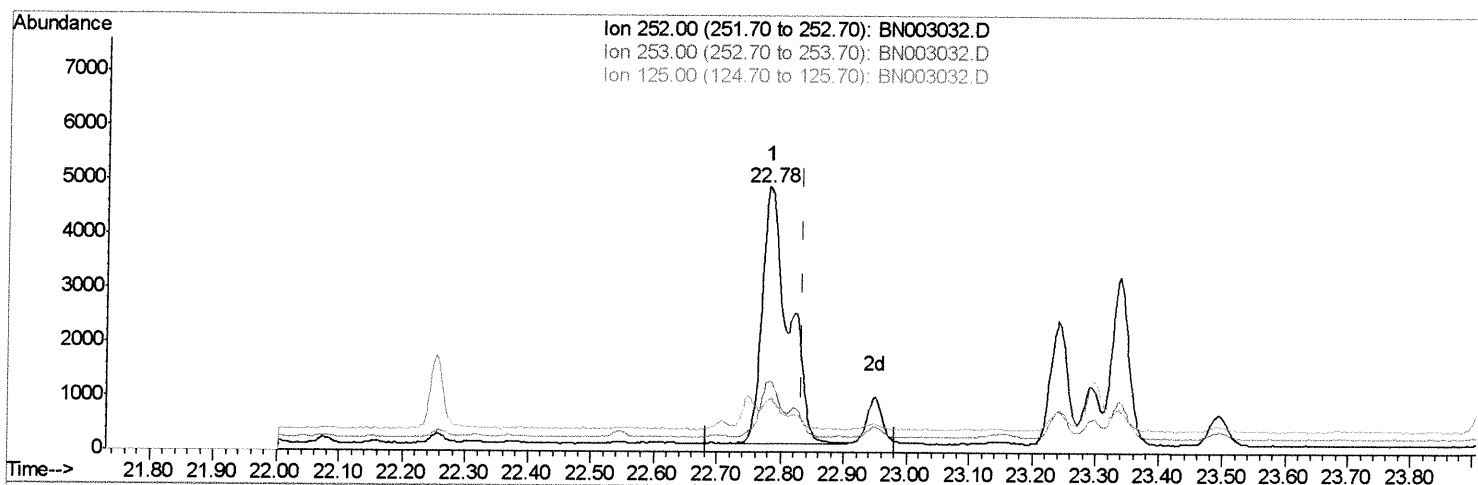
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:59:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



TIC: BN003032.D

(22) Benzo(k)fluoranthene

22.782min (-0.051) 0.51ng/ul

response 13643

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 26.81 |
| 125.00 | 17.60 | 19.90 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

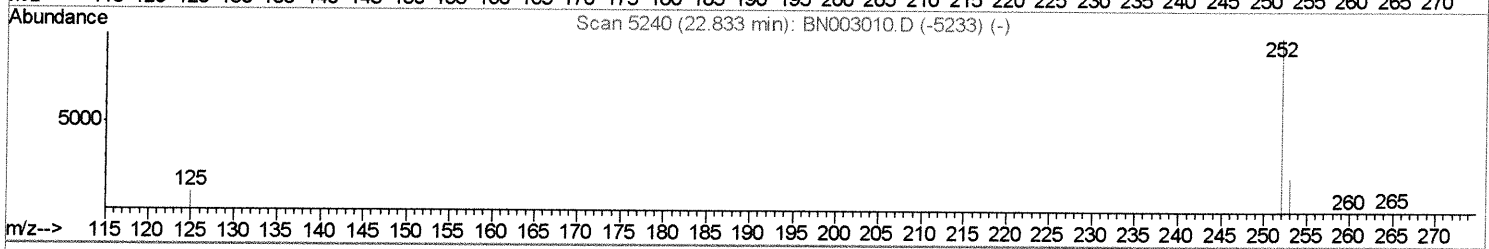
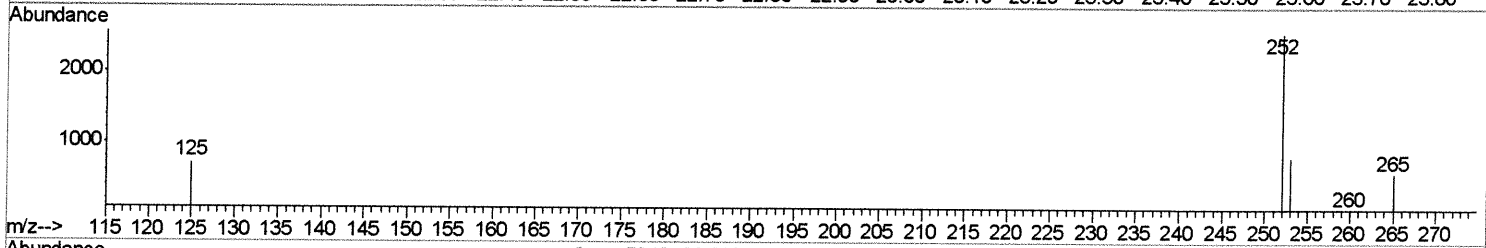
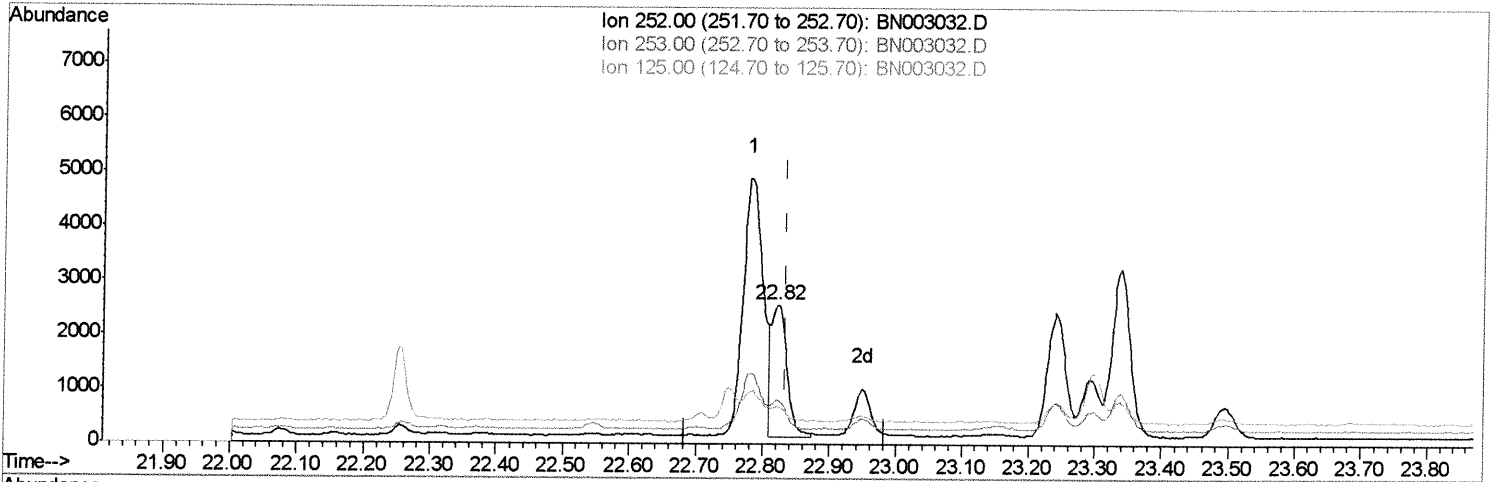
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 18:59:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration



TIC: BN003032.D

(22) Benzo(k)fluoranthene

22.820min (-0.013) 0.14ng/ul m

*57 10/12/18*

response 3863

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 31.68  |
| 125.00 | 17.60 | 27.90# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101018\  
 Data File : BN003032.D  
 Acq On : 09 Oct 2018 18:21  
 Operator : MJ/SJ  
 Sample : J5157-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC4

Manual Integrations  
 APPROVED

Sohil  
 10/10/2018 4:57:39 PM

Quant Time: Oct 09 19:01:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:56:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 1514     | 0.40 | ng/ul | -0.02    |
| 2) Naphthalene-d8         | 10.39 | 136  | 6418     | 0.40 | ng/ul | -0.02    |
| 6) Acenaphthene-d10       | 14.26 | 164  | 3867     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.02 | 188  | 8981m    | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.23 | 240  | 8487m    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.44 | 264  | 7203     | 0.40 | ng/ul | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 3691     | 0.37 | ng/ul | -0.01    |
| 14) Fluoranthene-d10        | 19.06 | 212  | 9798m    | 0.38 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.44 | 128  | 736      | 0.045 | ng/ul# | 80     |
| 7) Acenaphthylene          | 13.98 | 152  | 1219     | 0.069 | ng/ul# | 87     |
| 12) Phenanthrene           | 17.06 | 178  | 933m     | 0.037 | ng/ul  | 97     |
| 13) Anthracene             | 17.15 | 178  | 1698m    | 0.072 | ng/ul  |        |
| 15) Fluoranthene           | 19.09 | 202  | 3906m    | 0.133 | ng/ul  |        |
| 17) Pyrene                 | 19.45 | 202  | 6044m    | 0.183 | ng/ul  |        |
| 18) Benzo(a)anthracene     | 21.22 | 228  | 3944m    | 0.144 | ng/ul  | 97     |
| 19) Chrysene               | 21.27 | 228  | 7336     | 0.265 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 22.78 | 252  | 9847m    | 0.380 | ng/ul  | 97     |
| 22) Benzo(k)fluoranthene   | 22.82 | 252  | 3863m    | 0.144 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.34 | 252  | 5836     | 0.251 | ng/ul  | 96     |
| 24) Indeno(1,2,3-cd)pyrene | 25.67 | 276  | 3216     | 0.120 | ng/ul# | 98     |
| 25) Dibenzo(a,h)anthracene | 25.67 | 278  | 1029     | 0.048 | ng/ul# | 36     |
| 26) Benzo(g,h,i)perylene   | 26.35 | 276  | 2898     | 0.129 | ng/ul# | 88     |

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