

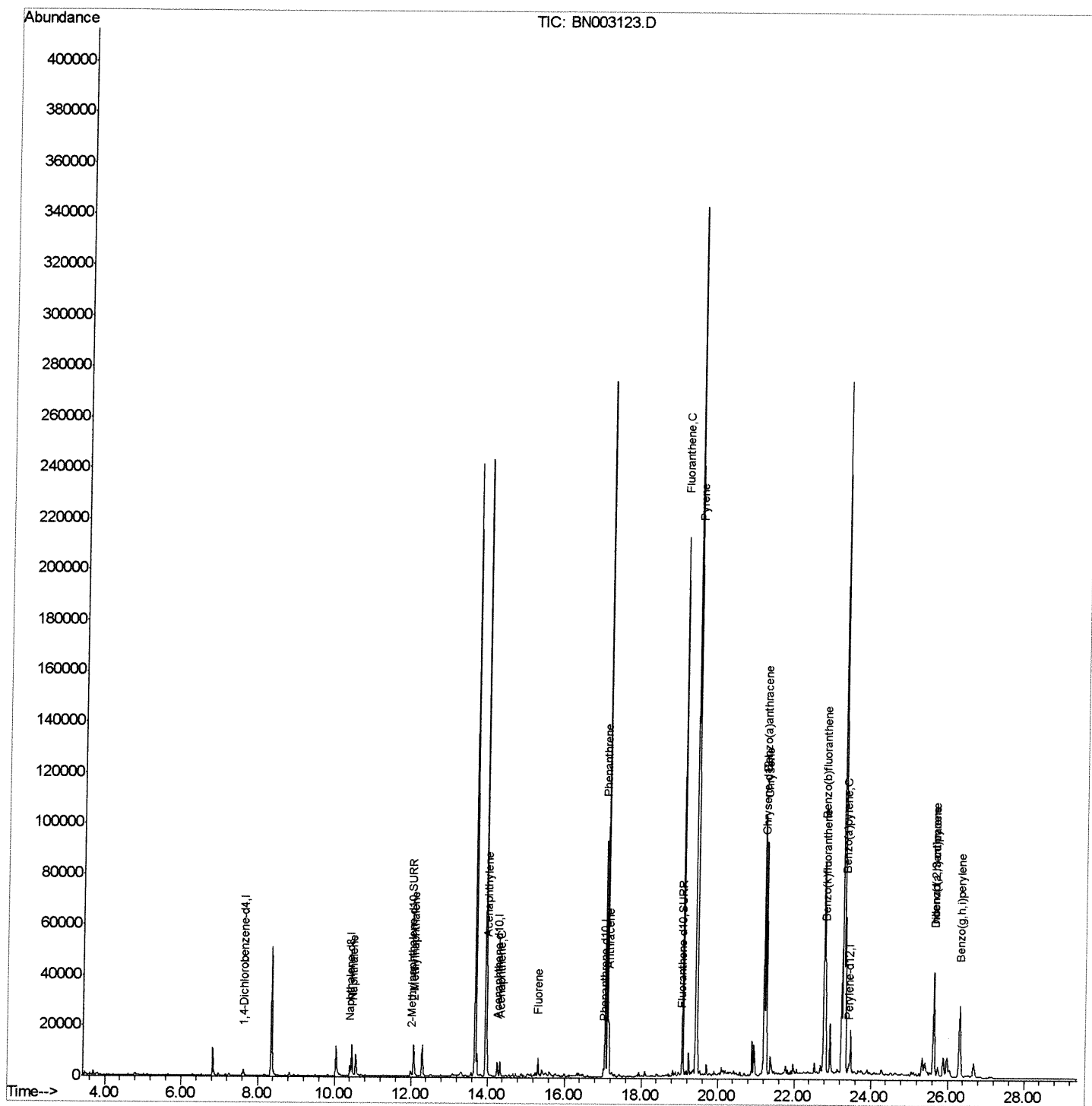
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:36:05 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

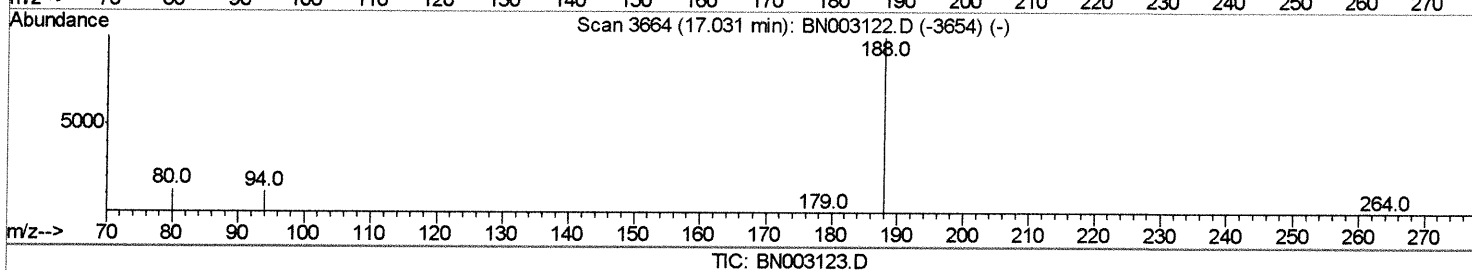
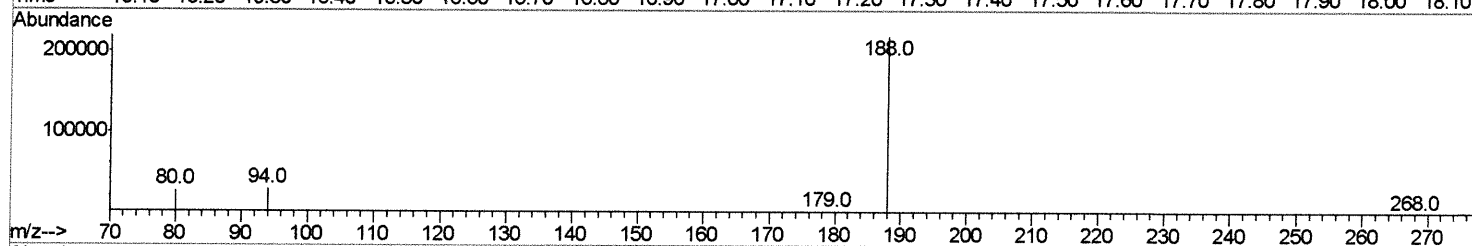
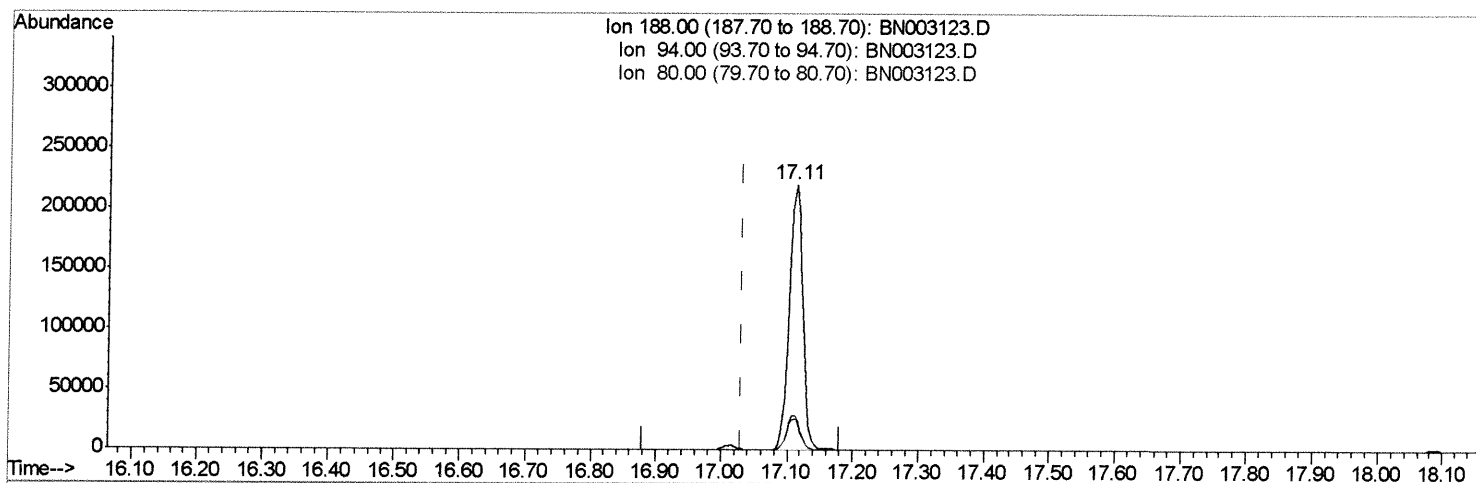
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:31:50 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.111min (+0.080) 0.40ng/ul

response 312515

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.80 | 12.93 |
| 80.00  | 12.70 | 11.70 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

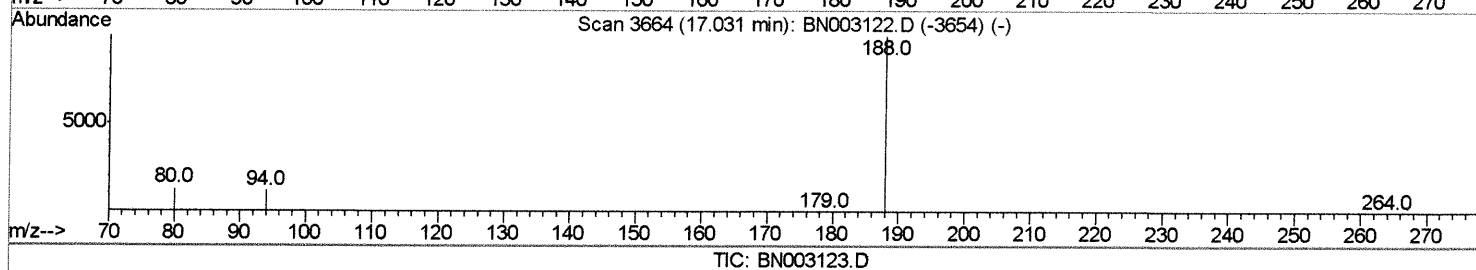
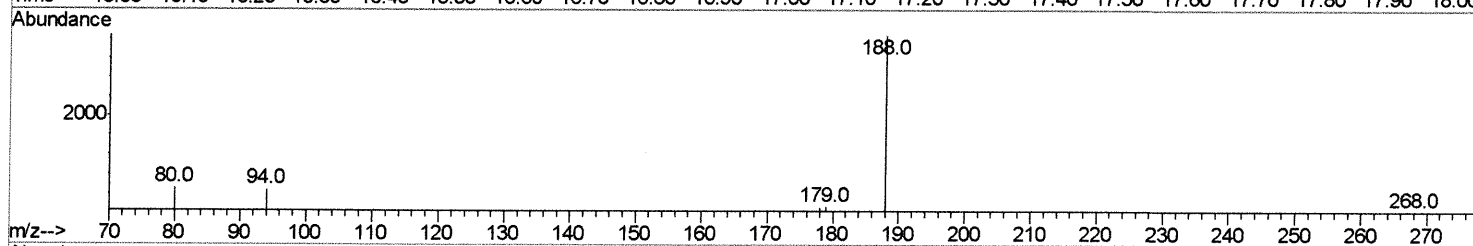
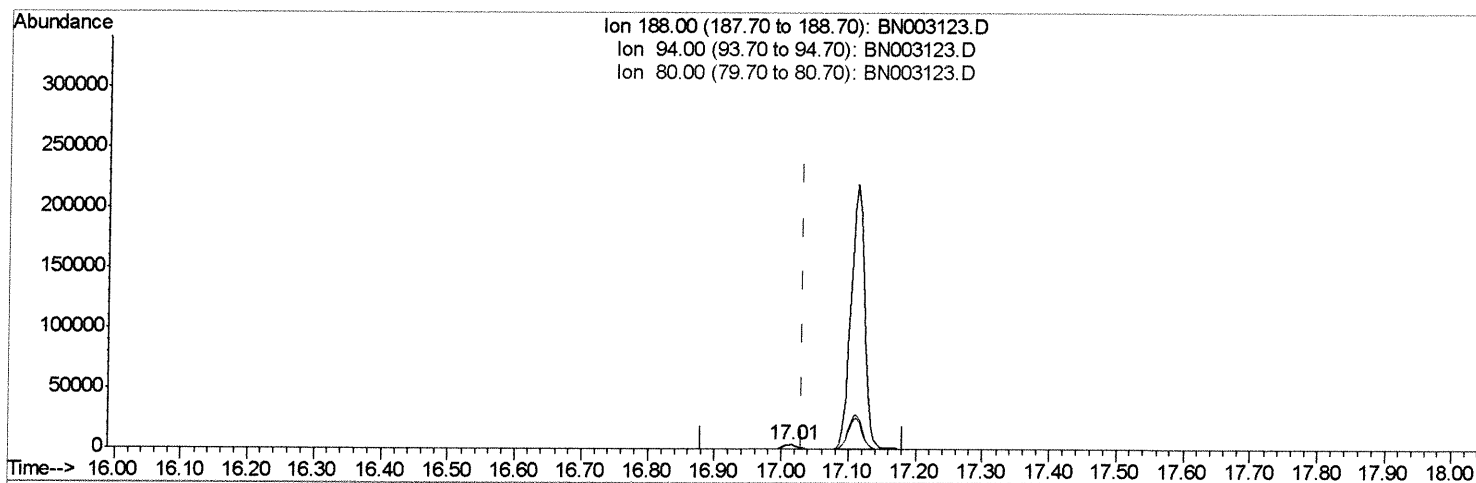
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:31:50 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.014min (-0.017) 0.40ng/ul m > 50 10/11/18

response 5210

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.80 | 13.08 |
| 80.00  | 12.70 | 13.84 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

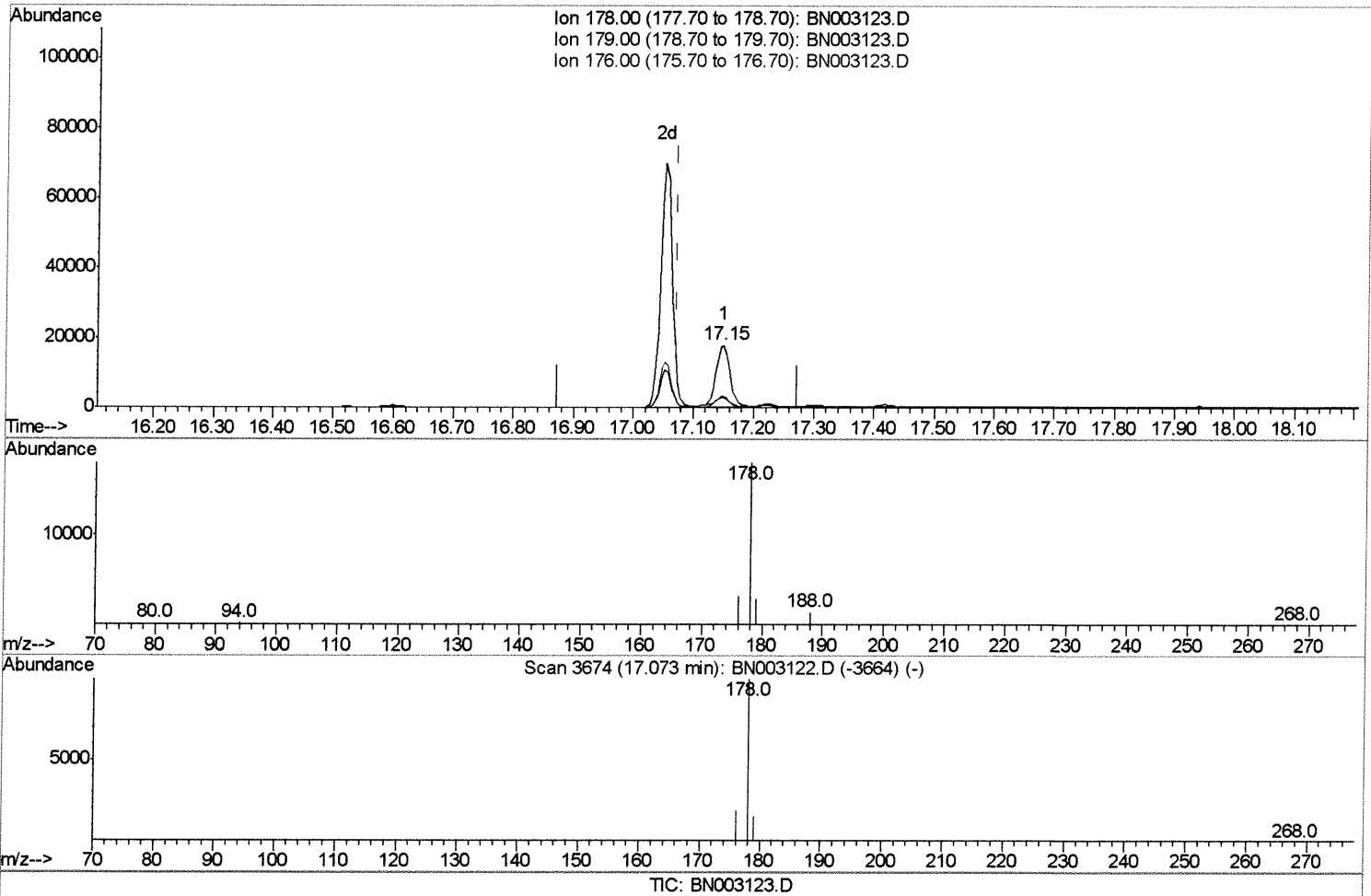
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



(12) Phenanthrene

17.149min (+0.076) 1.90ng/ul

response 27664

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 16.10 | 16.23 |
| 176.00 | 19.30 | 18.00 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

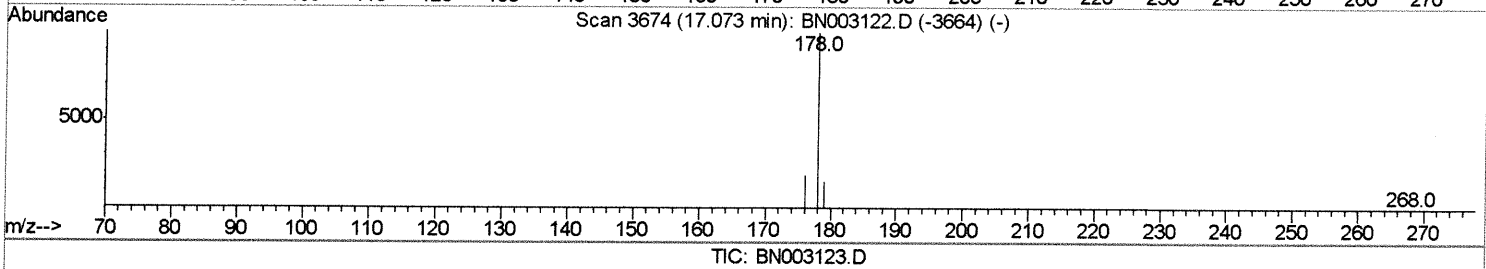
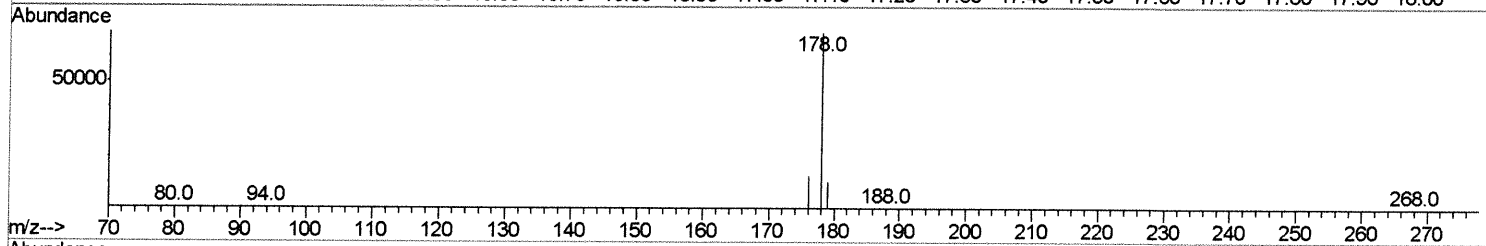
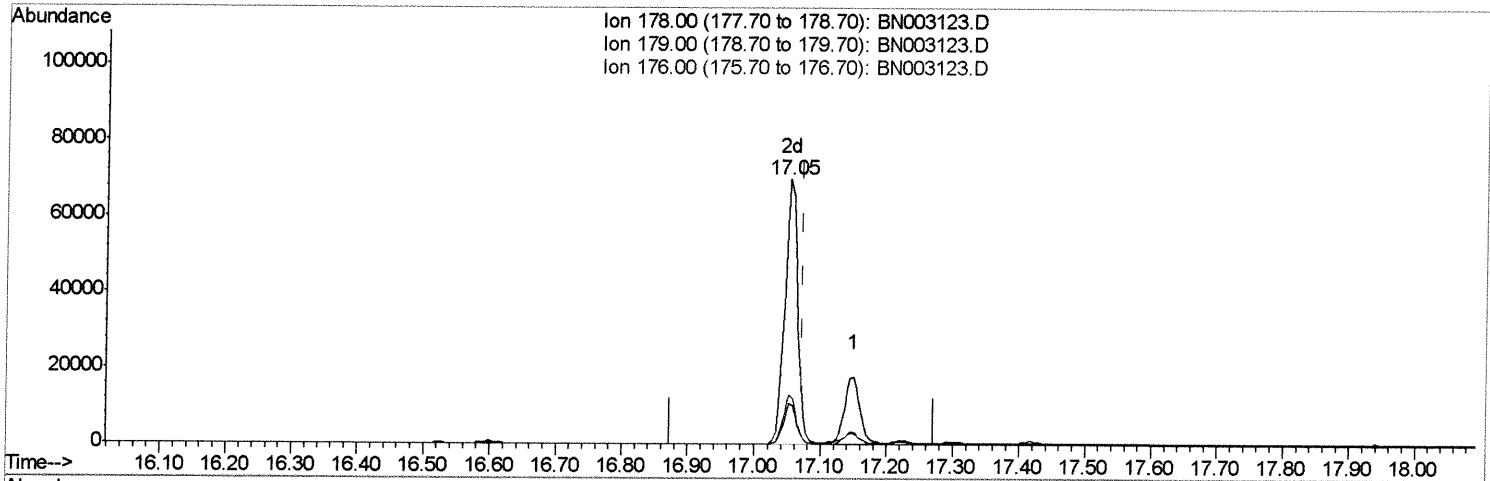
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



(12) Phenanthrene

17.052min (-0.021) 6.53ng/ul m) SJ 10/12/18

response 94817

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 16.10 | 15.31 |
| 176.00 | 19.30 | 18.73 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

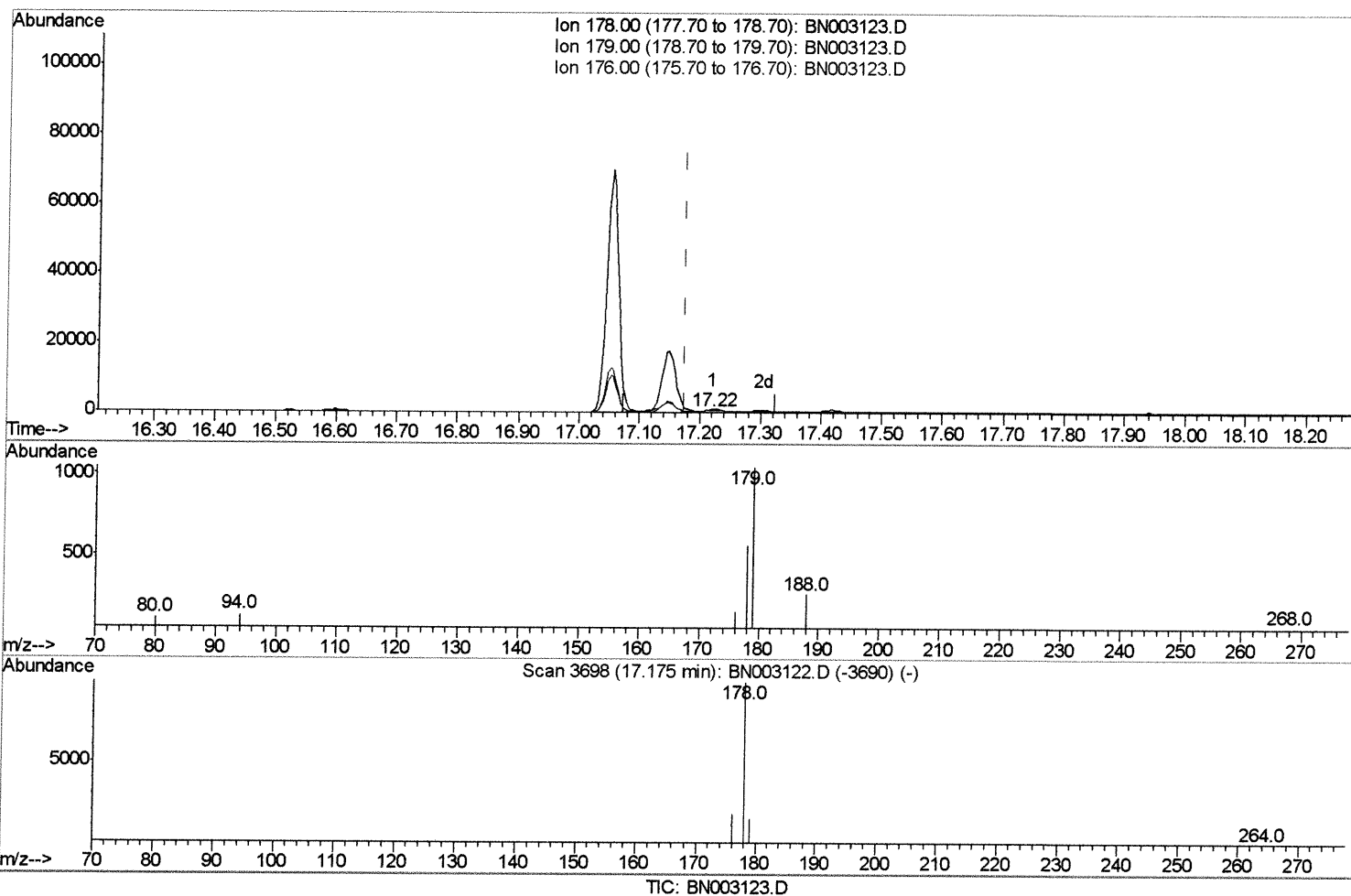
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



(13) Anthracene

17.221min (+0.046) 0.04ng/ul

response 535

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 16.30 | 186.43# |
| 176.00 | 19.10 | 26.79#  |
| 0.00   | 0.00  | 0.00    |

## Quantitation Report (Qedit)

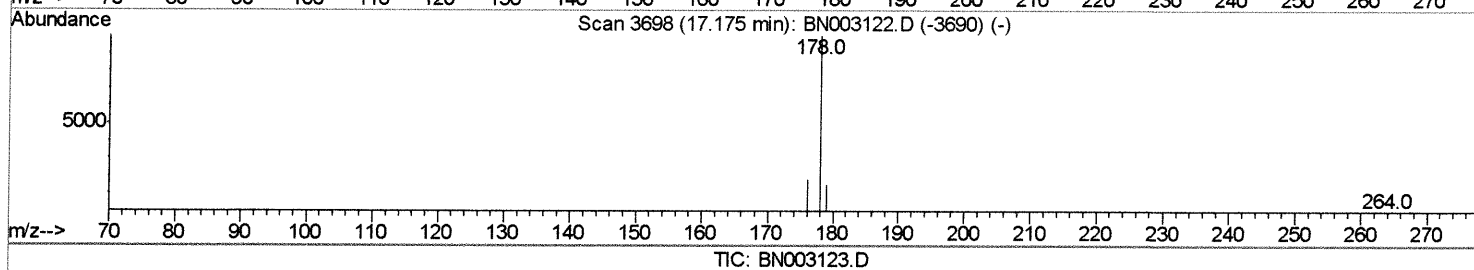
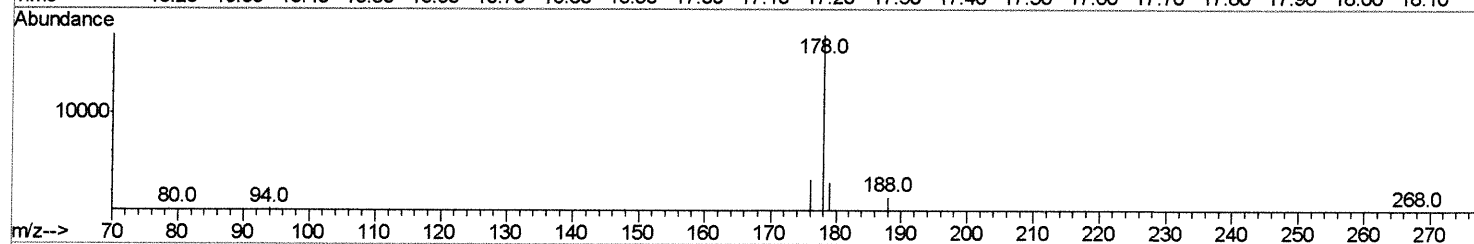
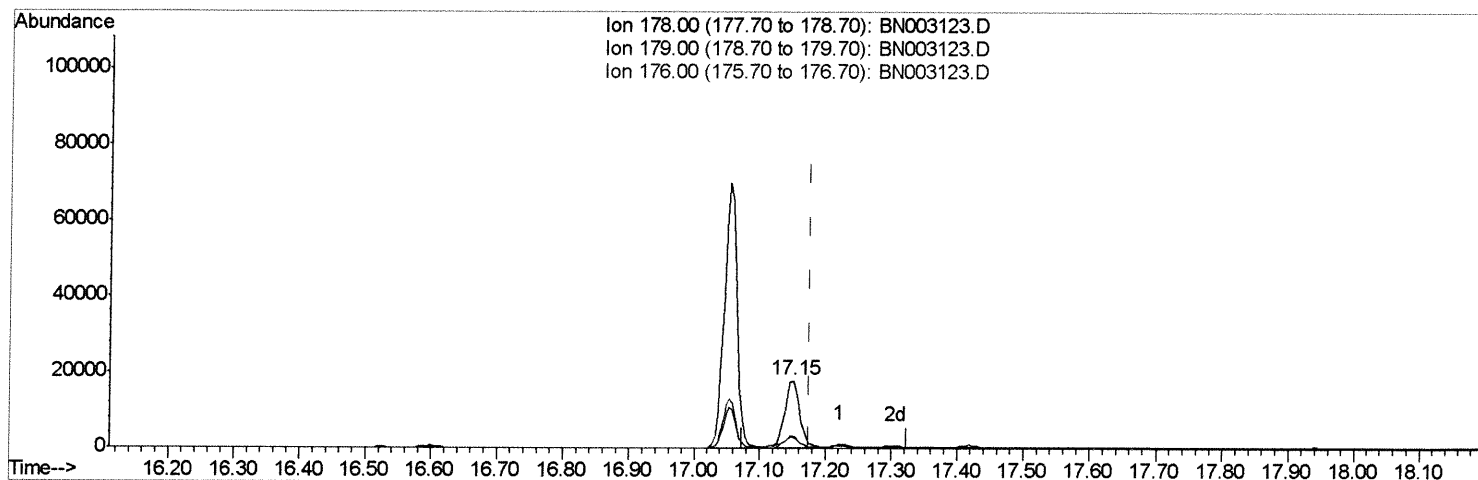
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



(13) Anthracene

17.149min (-0.025) 2.06ng/ul m ) SJ 10/12/18

response 28307

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 16.30 | 16.23 |
| 176.00 | 19.10 | 18.00 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

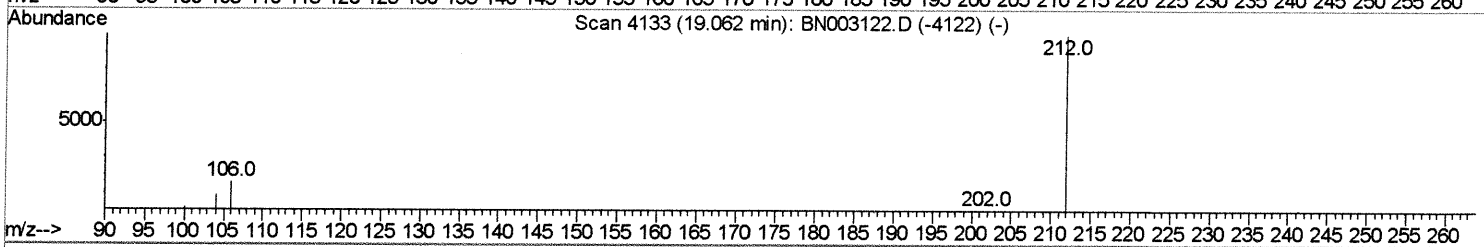
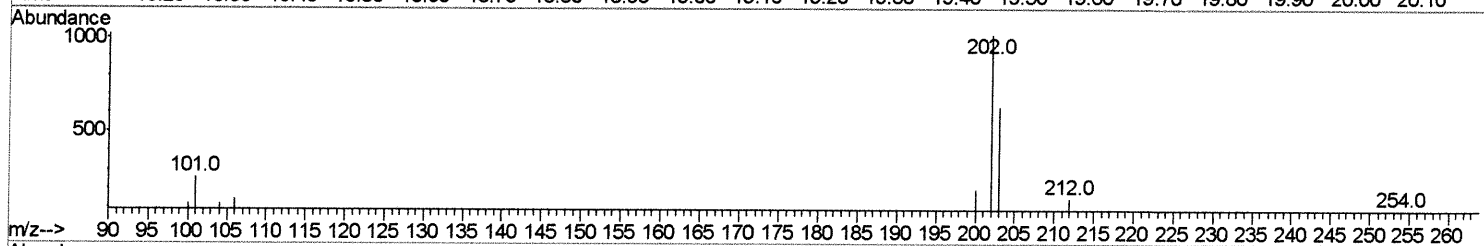
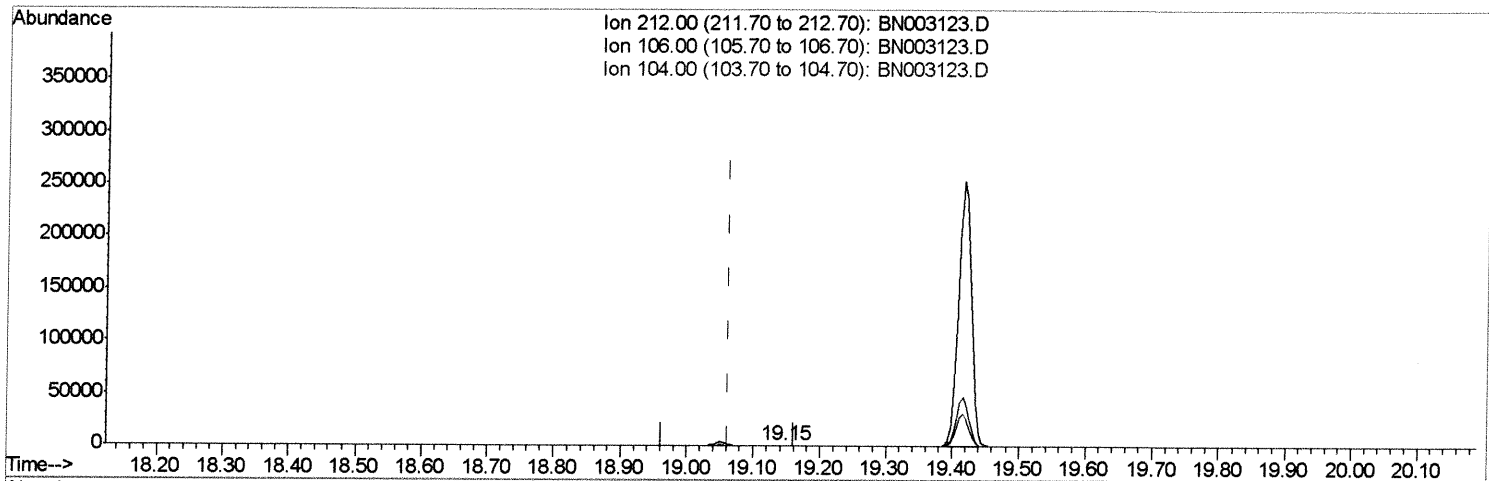
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



TIC: BN003123.D

(14) Fluoranthene-d10 (SURR)

19.146min (+0.084) 0.01ng/ul

response 105

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 212.00 | 100   | 100    |
| 106.00 | 15.40 | 21.90# |
| 104.00 | 8.60  | 12.38# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

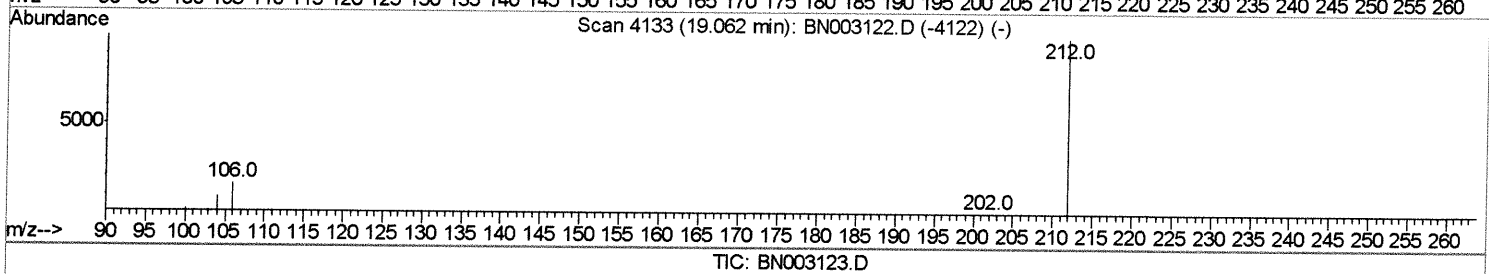
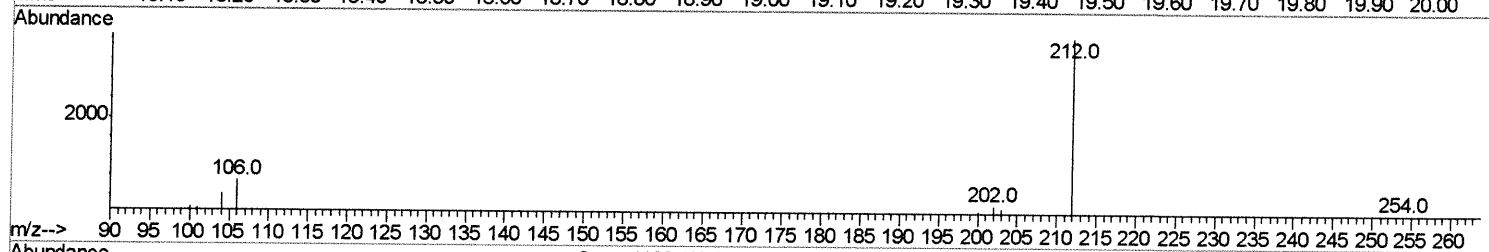
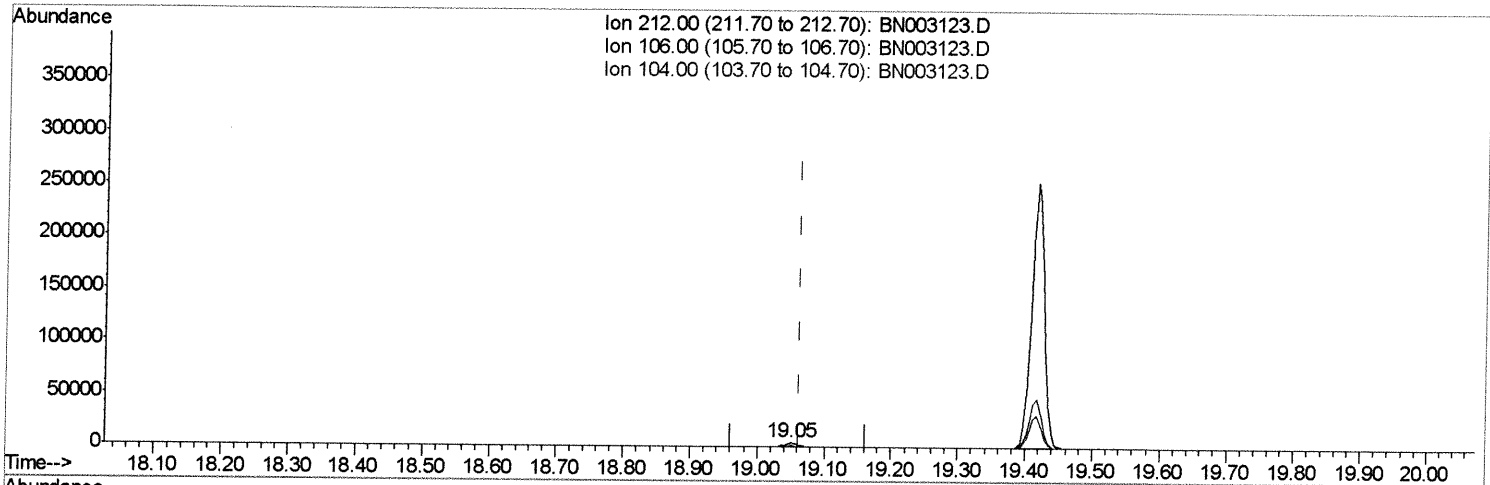
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.048min (-0.014) 0.34ng/ul m

response 5072

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 15.40 | 0.45# |
| 104.00 | 8.60  | 0.26# |
| 0.00   | 0.00  | 0.00  |

SJ 10/12/18

## Quantitation Report (Qedit)

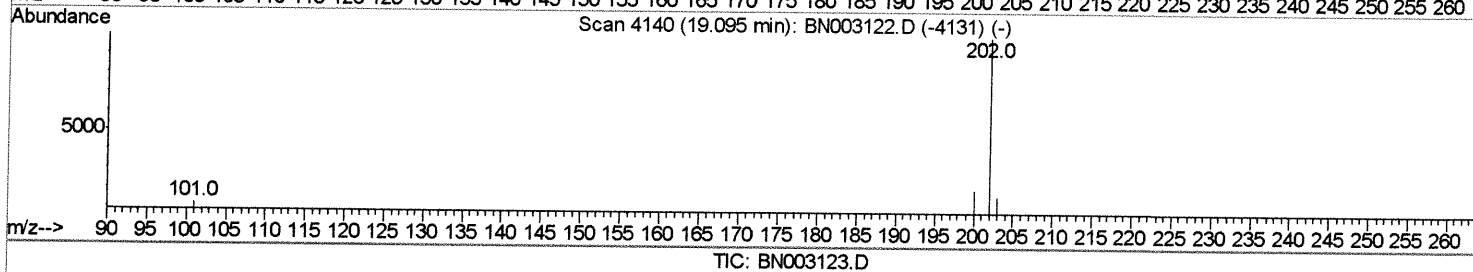
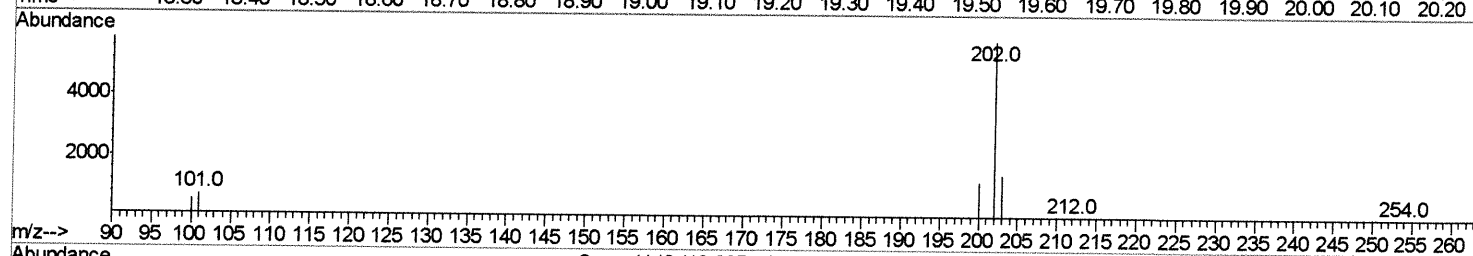
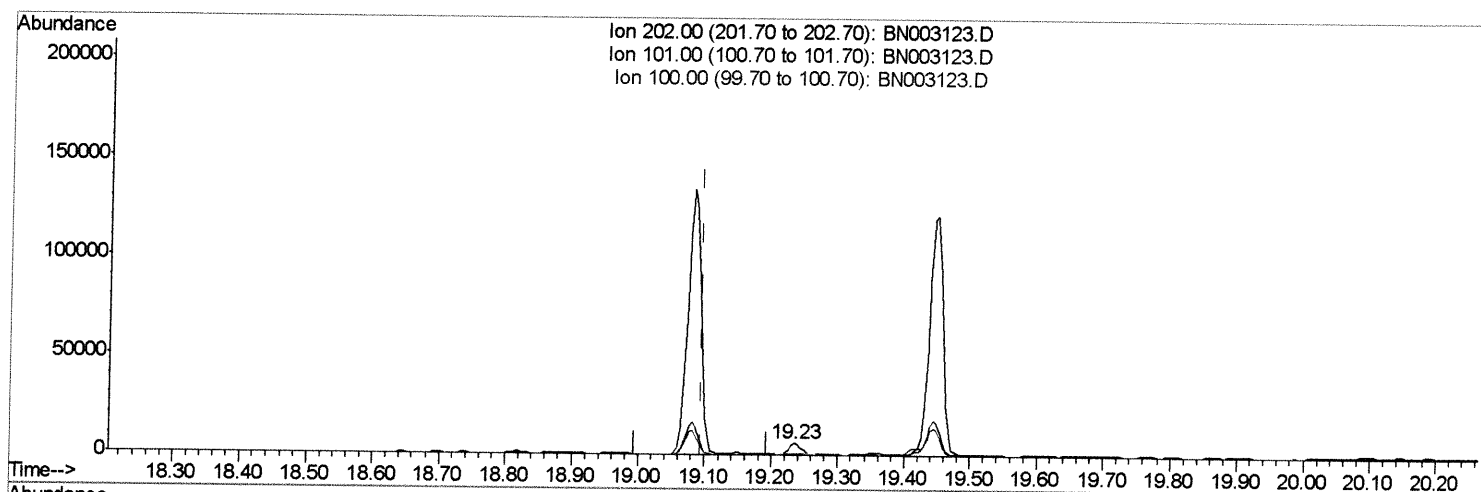
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



(15) Fluoranthene (C)

19.234min (+0.139) 0.43ng/ul

response 7292

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.30 | 12.59 |
| 100.00 | 9.10  | 9.56  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

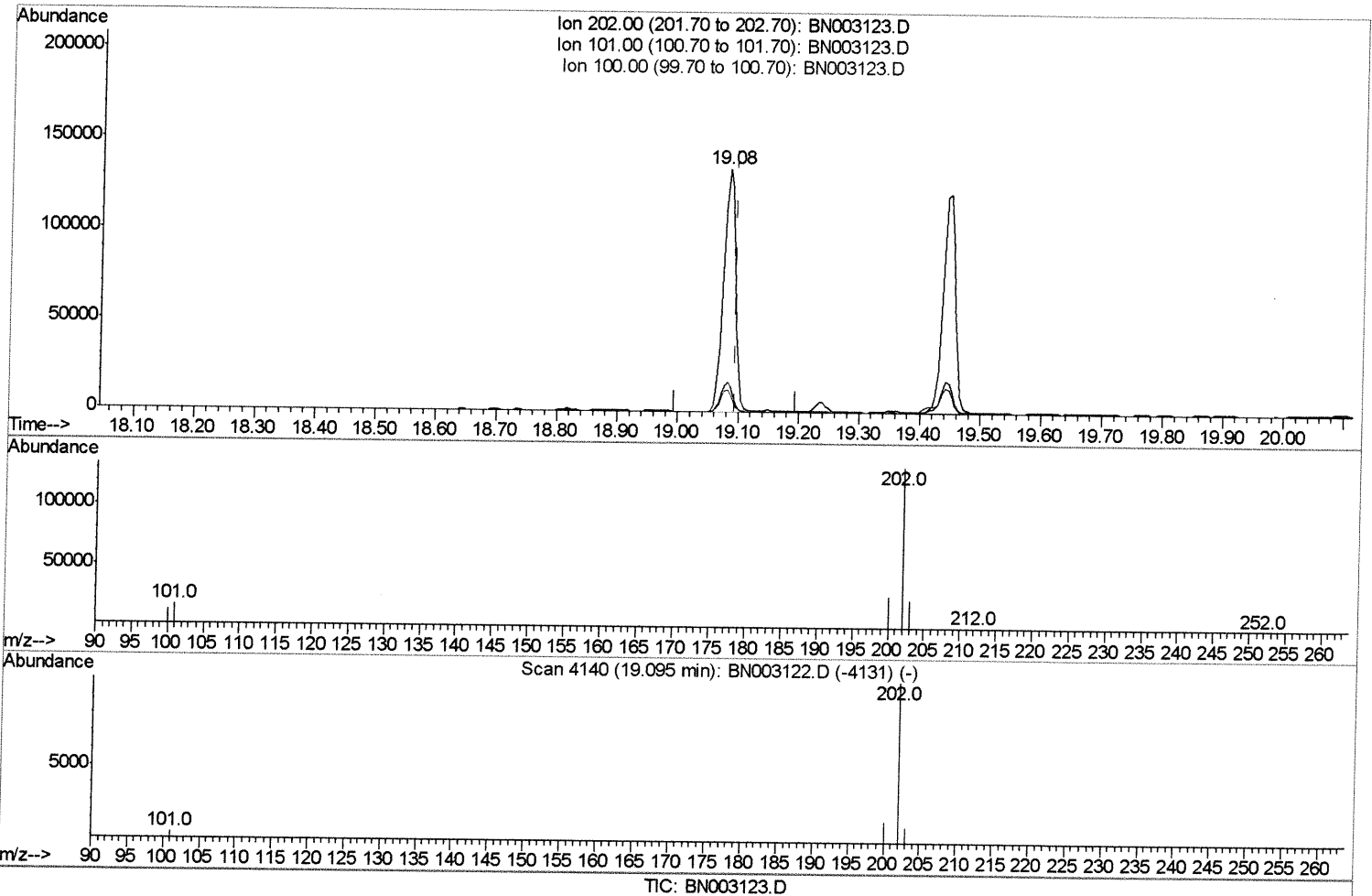
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.081min (-0.014) 10.76ng/ul m

response 183309

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.30 | 12.23 |
| 100.00 | 9.10  | 9.07  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

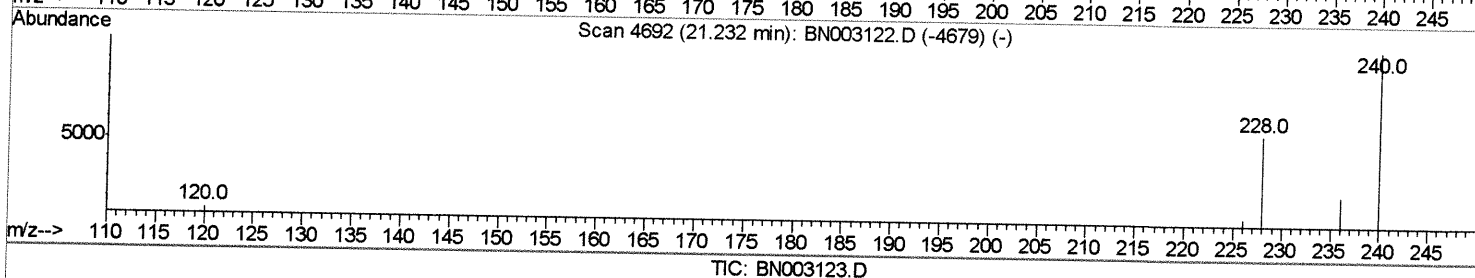
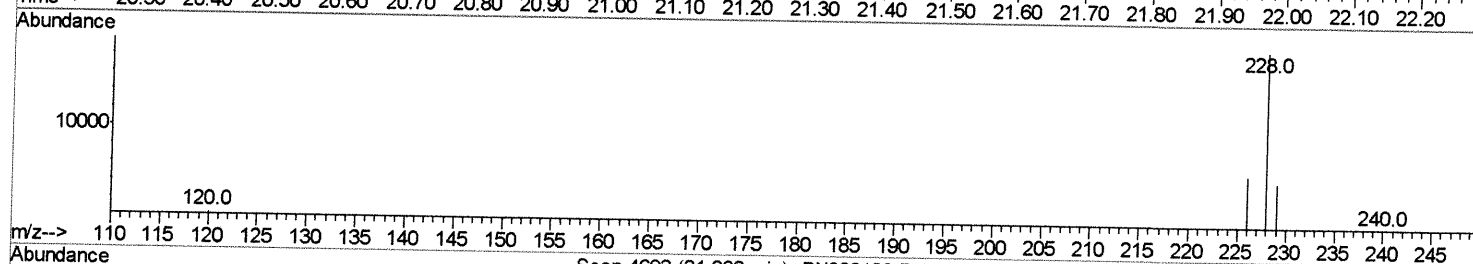
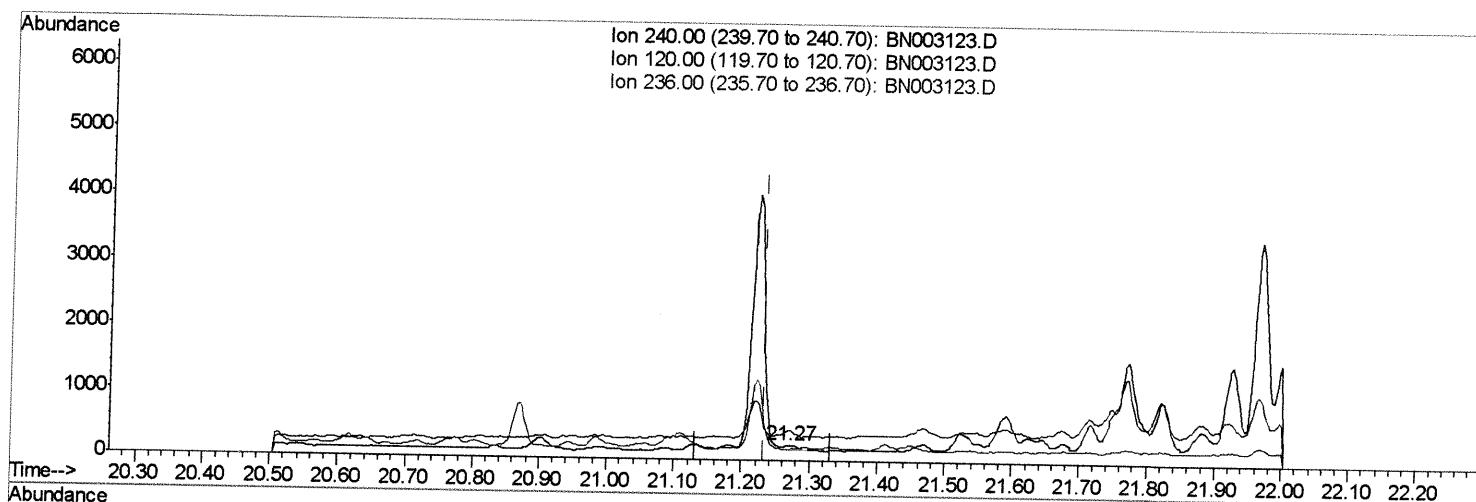
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.270min (+0.038) 0.40ng/ul

response 86

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 16.40 | 197.48# |
| 236.00 | 28.10 | 73.95#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

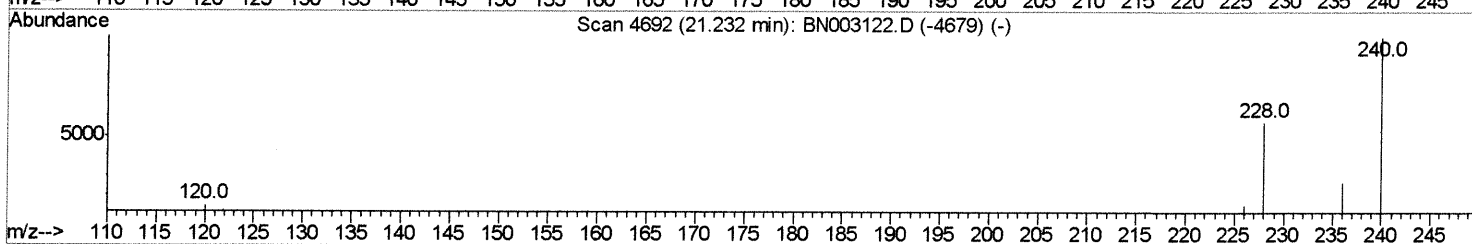
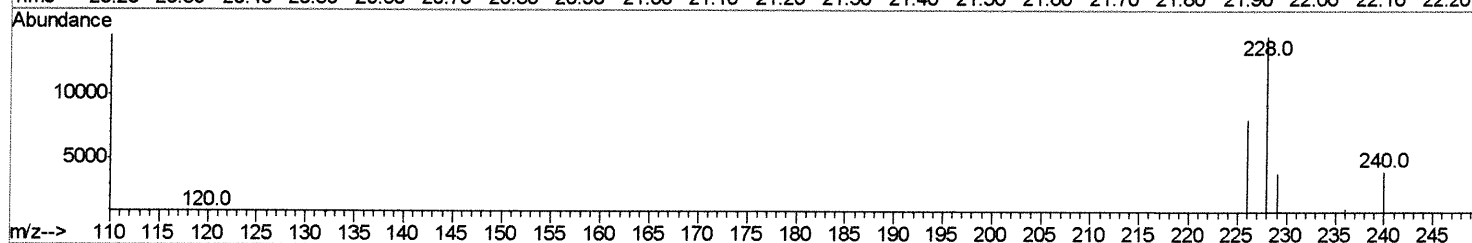
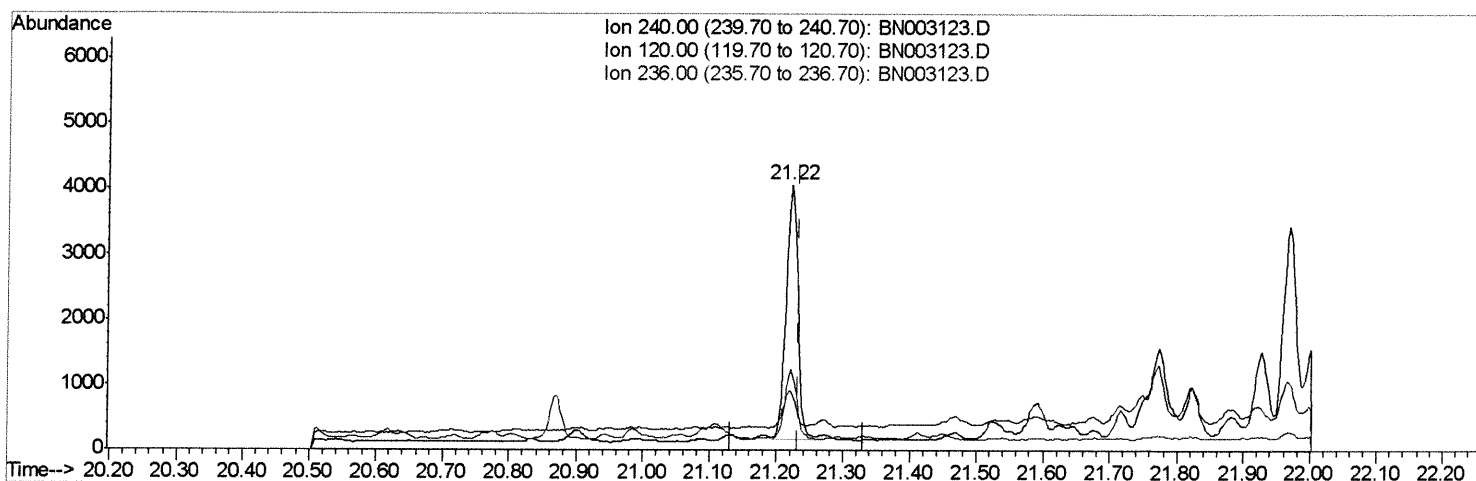
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:33:44 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



TIC: BN003123.D

(16) Chrysene-d12 (I)

21.220min (-0.012) 0.40ng/ul > SD 10/12/18

response 4741

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 16.40 | 22.44# |
| 236.00 | 28.10 | 30.49  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

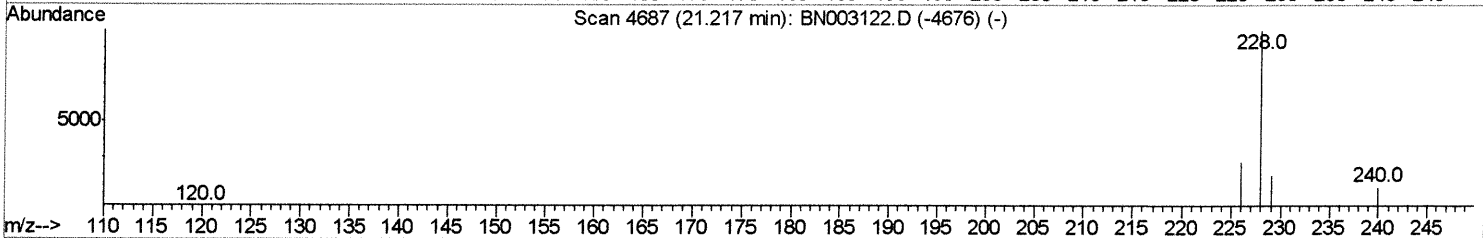
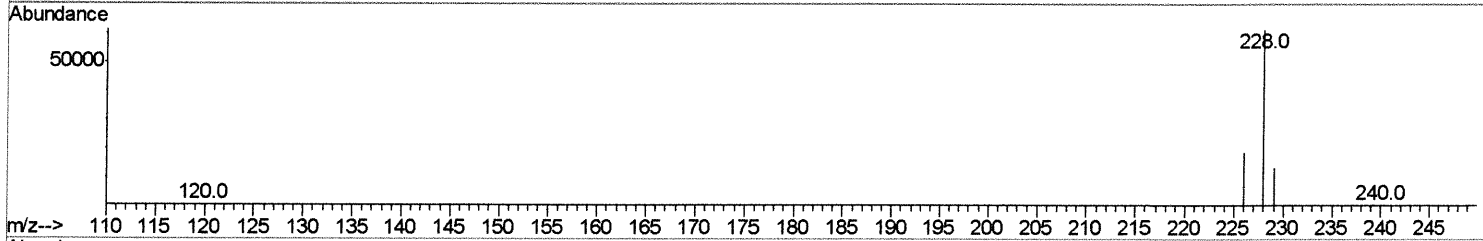
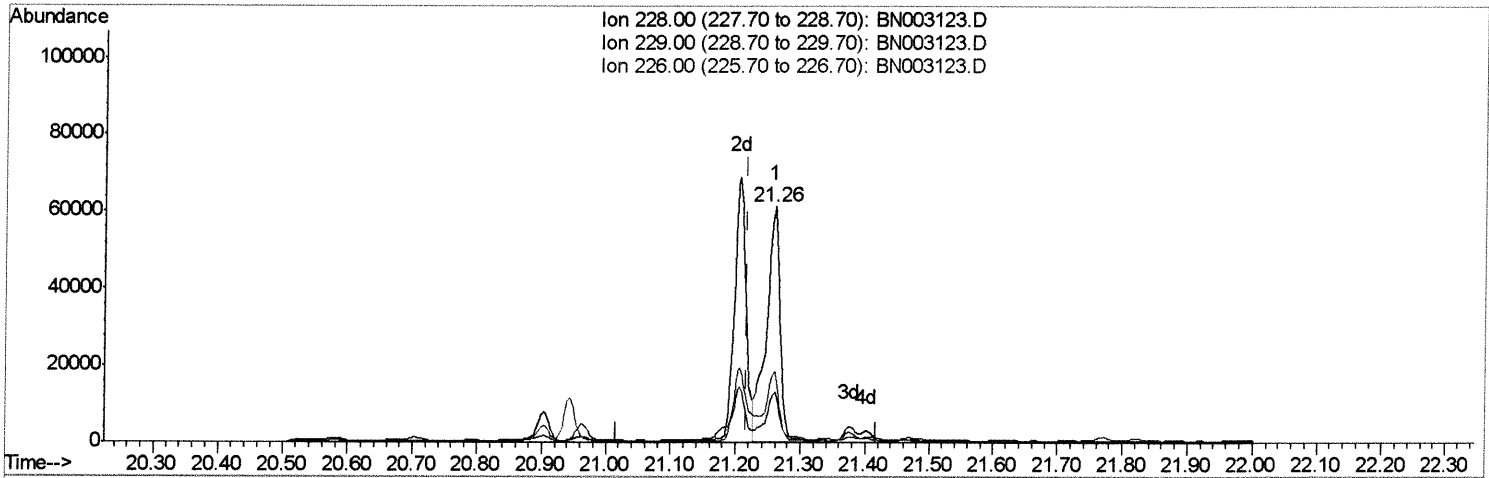
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:34:53 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



TIC: BN003123.D

(18) Benzo(a)anthracene

21.258min (+0.041) 5.88ng/ul

response 89673

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 20.20 | 21.65 |
| 226.00 | 27.90 | 30.16 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

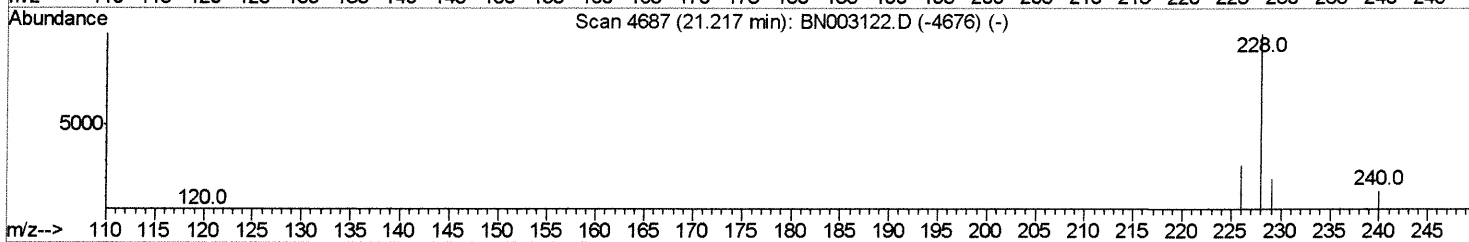
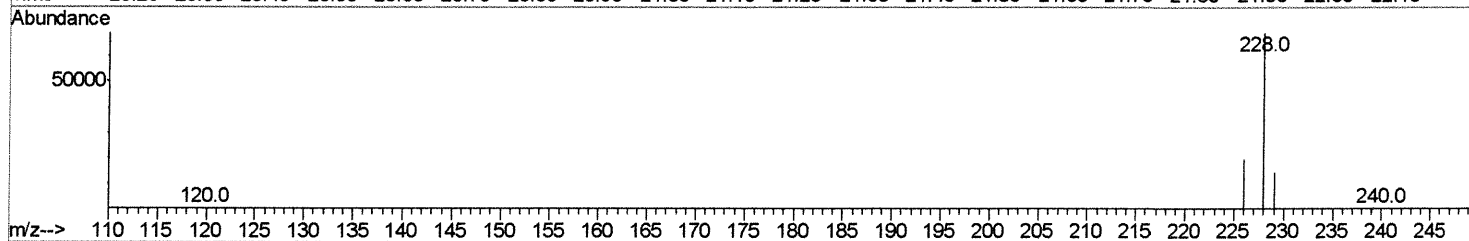
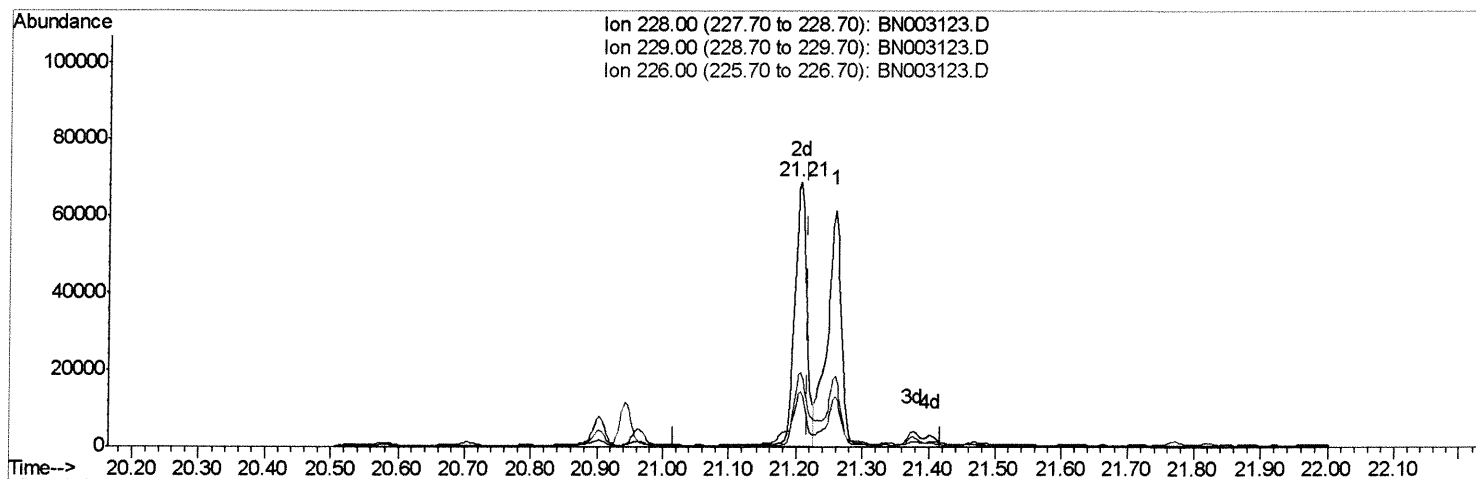
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:34:53 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



TIC: BN003123.D

(18) Benzo(a)anthracene

21.206min (-0.012) 5.66ng/ul m

SJ 10/12/18

response 86338

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 20.20 | 20.90 |
| 226.00 | 27.90 | 28.23 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

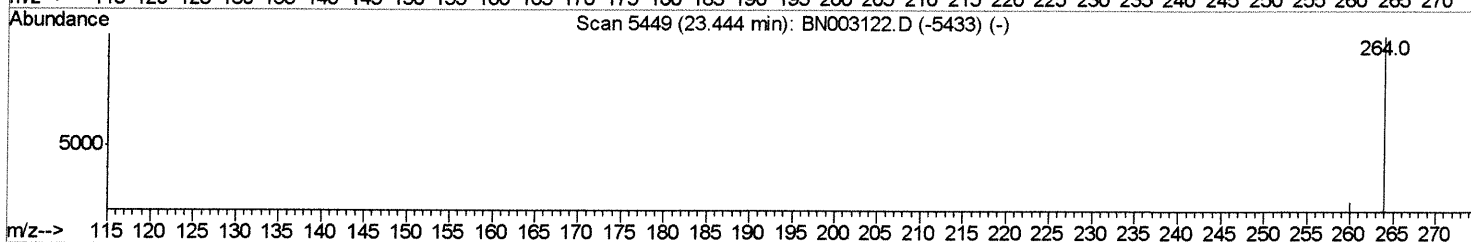
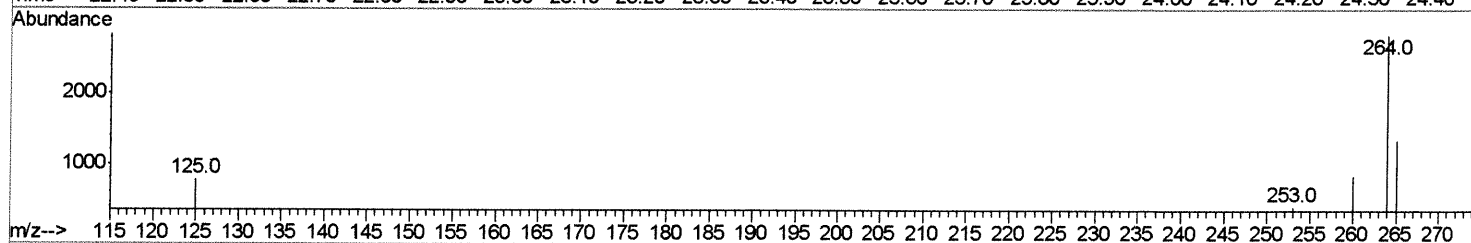
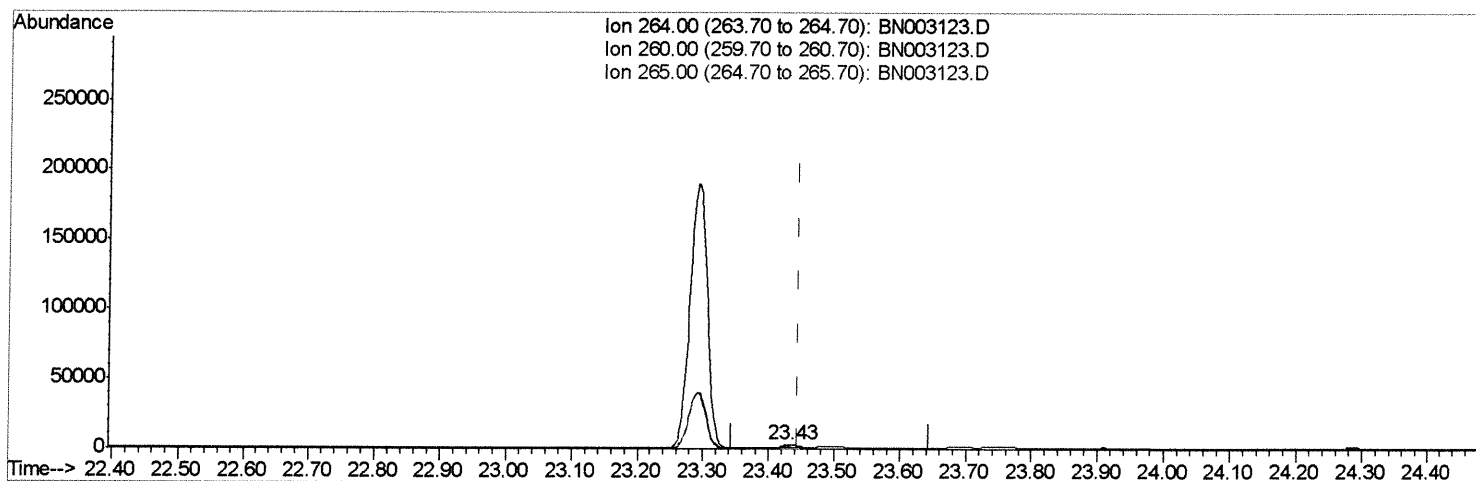
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:34:53 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



TIC: BN003123.D

(20) Perylene-d12 (I)  
 23.433min (-0.012) 0.40ng/ul  
 response 4855

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 28.70 | 29.66 |
| 265.00 | 45.40 | 47.48 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

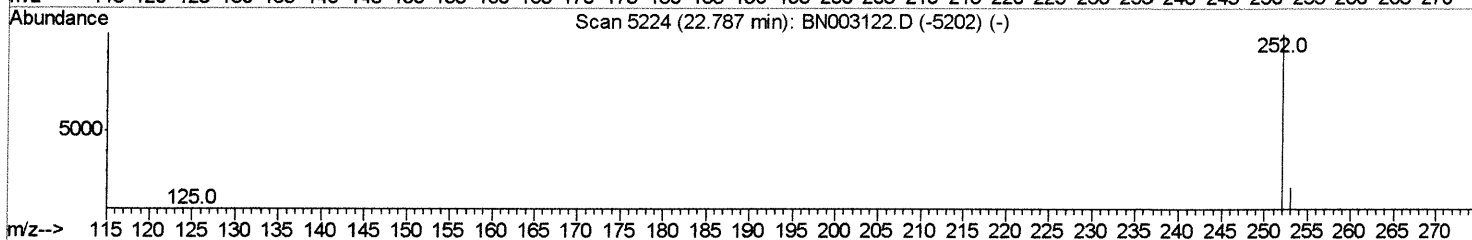
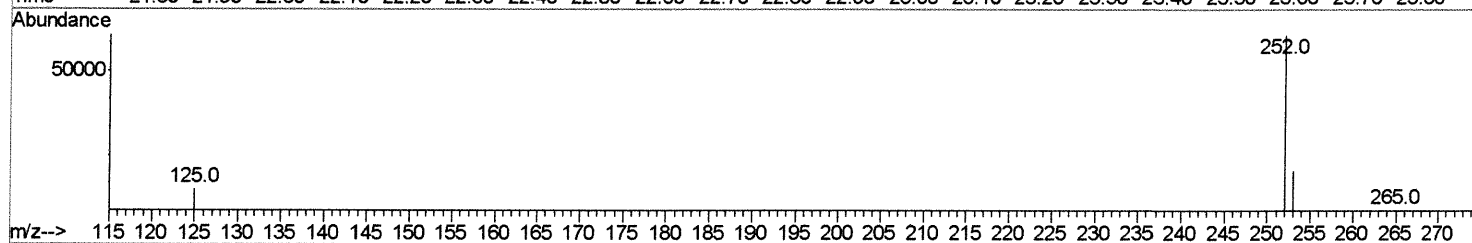
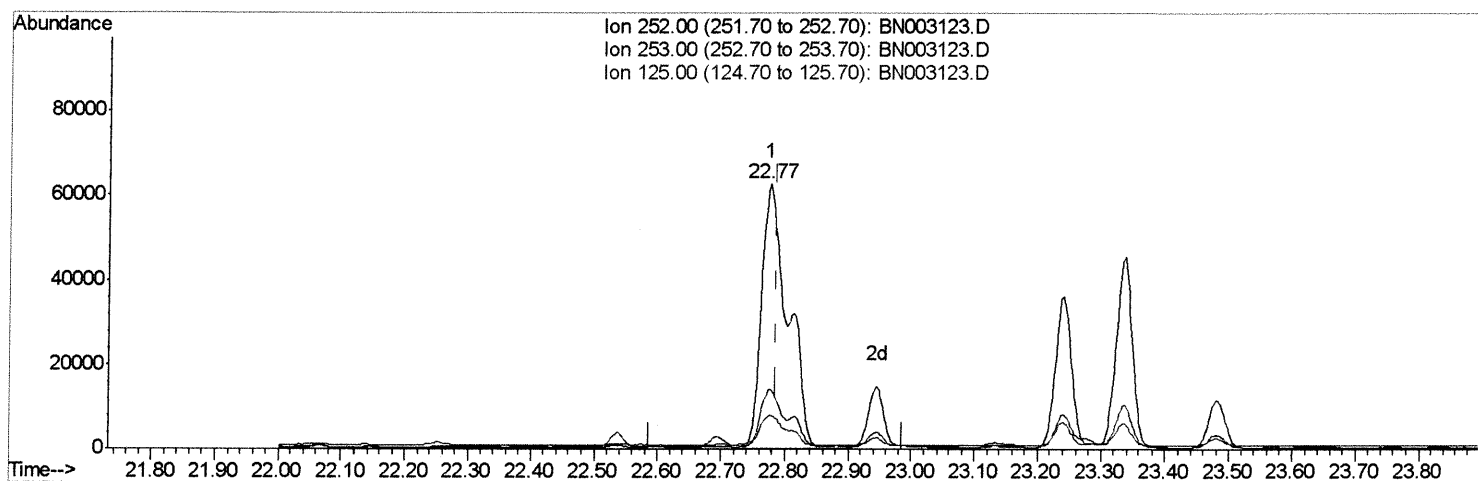
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003123.D  
Acq On : 12 Oct 2018 03:04  
Operator : MJ/SJ  
Sample : J5230-14  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3Z13

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:34:53 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 : Fri Oct 12 07:27:48 2018  
Response via : Initial Calibration



TIC: BN003123.D

(21) Benzo(b)fluoranthene

22.775min (-0.012) 10.21ng/ul

response 178522

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 22.78 |
| 125.00 | 17.10 | 12.85 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

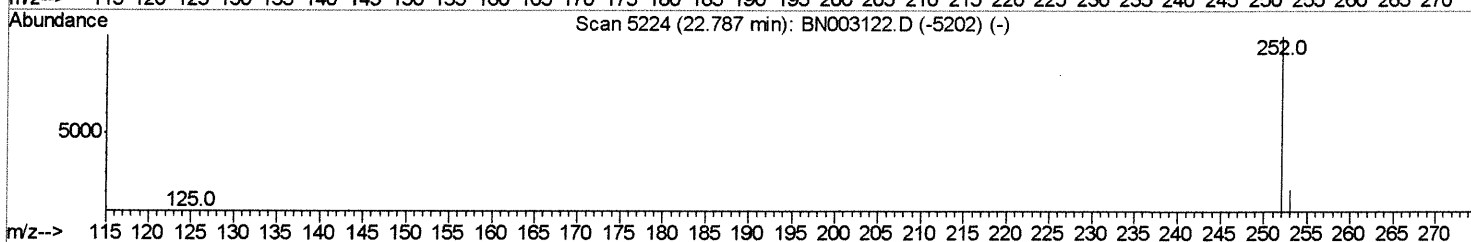
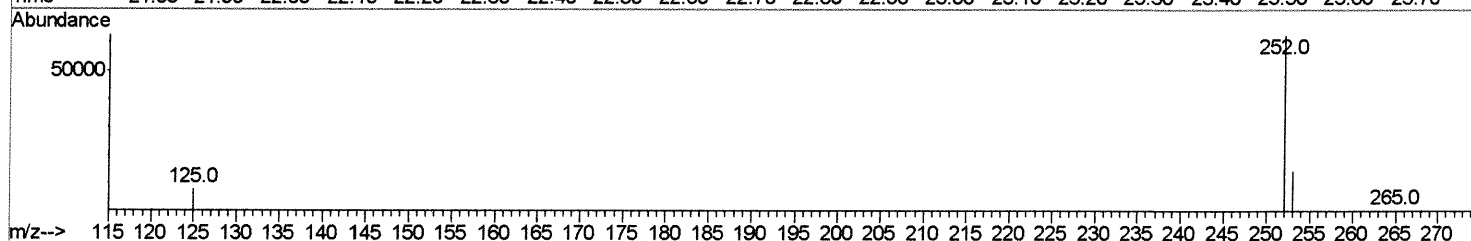
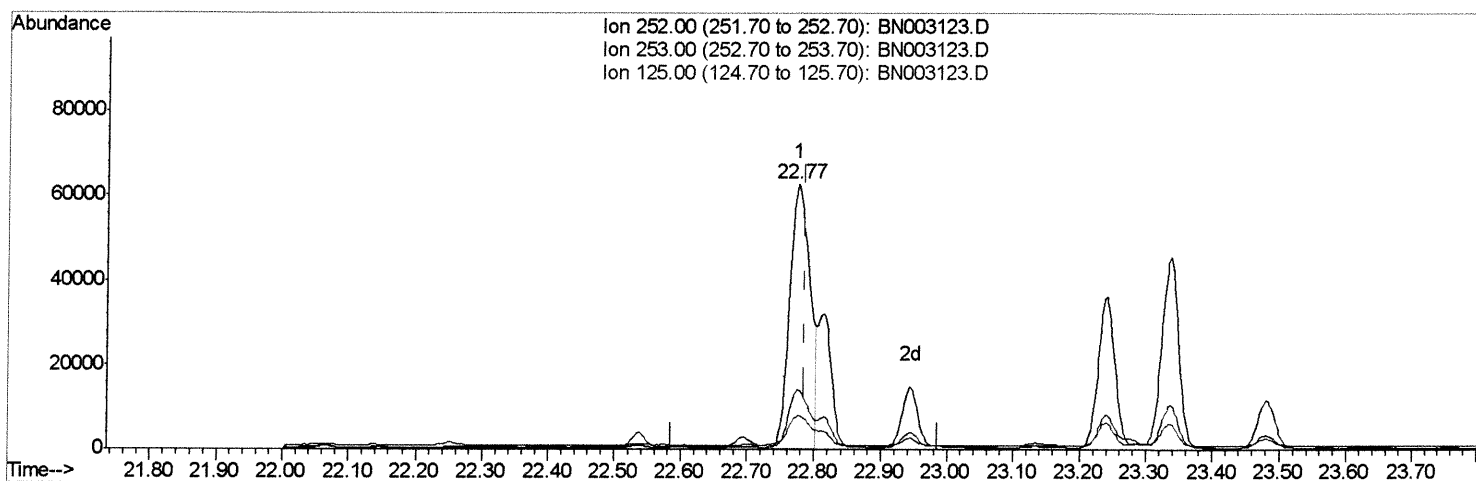
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:34:53 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



TIC: BN003123.D

(21) Benzo(b)fluoranthene

22.775min (-0.012) 7.59ng/ul m

> SJ 10/12/18

response 132667

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 22.78 |
| 125.00 | 17.10 | 12.85 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

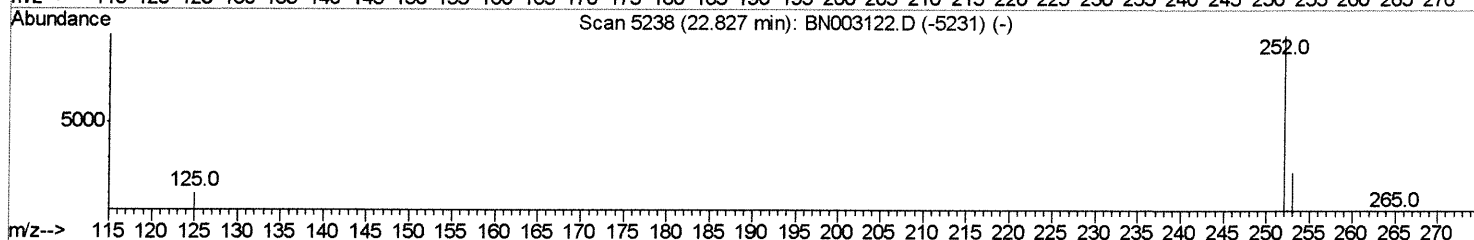
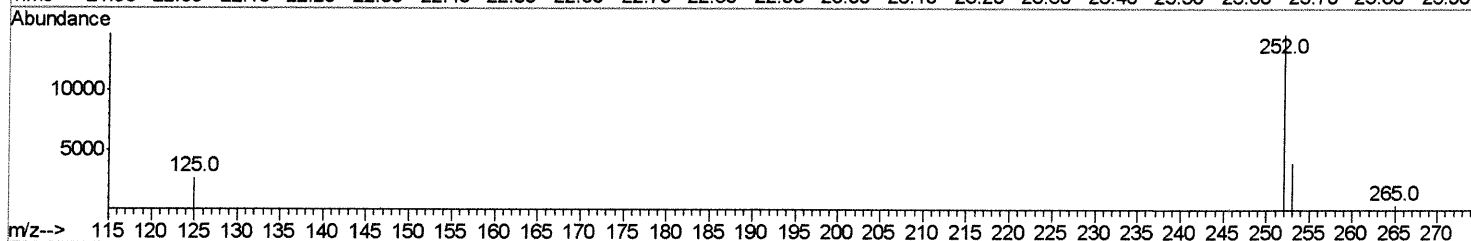
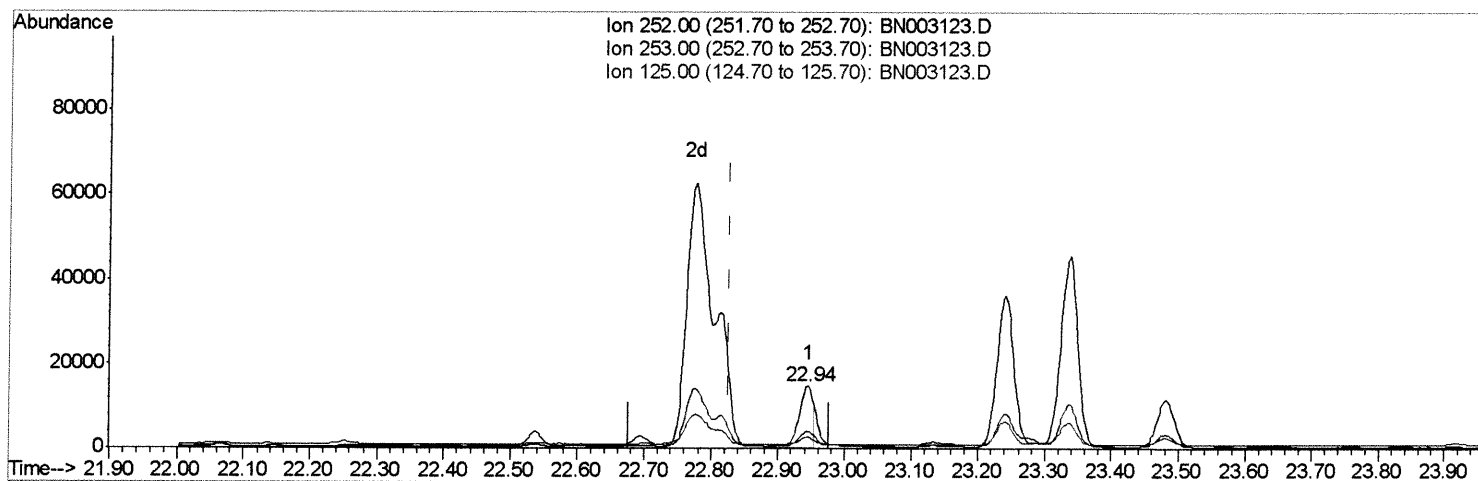
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:34:53 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



TIC: BN003123.D

(22) Benzo(k)fluoranthene  
 22.944min (+0.117) 1.10ng/ul  
 response 19993  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 27.47 |
| 125.00 | 17.60 | 18.75 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

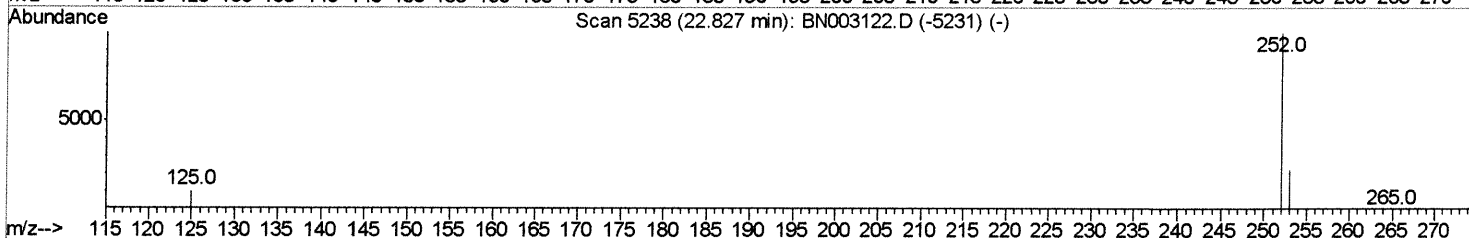
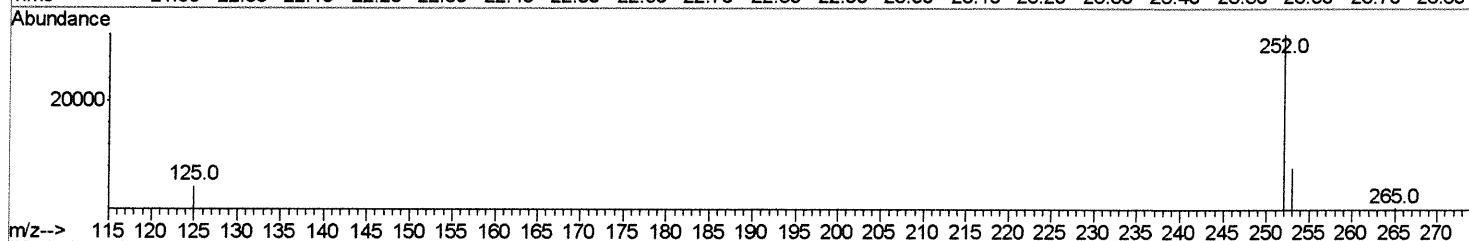
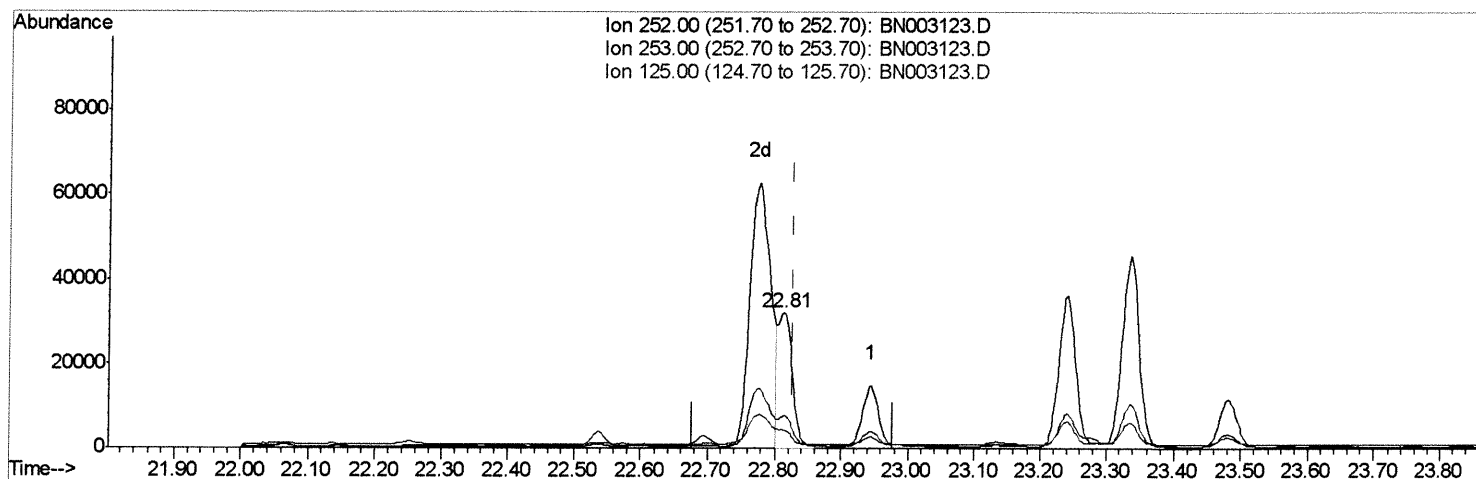
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:34:53 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration



TIC: BN003123.D

(22) Benzo(k)fluoranthene

22.813min (-0.015) 2.62ng/ul m? SJ 10/12/18

response 47512

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 24.15  |
| 125.00 | 17.60 | 13.43# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
 Data File : BN003123.D  
 Acq On : 12 Oct 2018 03:04  
 Operator : MJ/SJ  
 Sample : J5230-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z13

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:38:32 PM

Quant Time: Oct 12 07:36:05 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 : Fri Oct 12 07:27:48 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 1513     | 0.40 | ng/ul | -0.02    |
| 2) Naphthalene-d8         | 10.39 | 136  | 5465     | 0.40 | ng/ul | -0.02    |
| 6) Acenaphthene-d10       | 14.26 | 164  | 2704     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.01 | 188  | 5210m    | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.22 | 240  | 4741m    | 0.40 | ng/ul | -0.01    |
| 20) Perylene-d12          | 23.43 | 264  | 4855     | 0.40 | ng/ul | -0.01    |

SJ 10/12/18

| Svstem Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.99 | 152  | 2619     | 0.31 | ng/ul | -0.02    |
| 14) Fluoranthene-d10        | 19.05 | 212  | 5072m    | 0.34 | ng/ul | -0.01    |

SJ 10/12/18

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Naphthalene             | 10.44 | 128  | 17404    | 1.241  | ng/ul  | 97     |
| 5) 2-Methylnaphthalene     | 12.07 | 142  | 10650    | 1.103  | ng/ul  | 97     |
| 7) Acenaphthylene          | 13.98 | 152  | 22537    | 1.822  | ng/ul  | 99     |
| 8) Acenaphthene            | 14.32 | 153  | 3483     | 0.371  | ng/ul  | 98     |
| 9) Fluorene                | 15.32 | 166  | 4347     | 0.404  | ng/ul# | 98     |
| 12) Phenanthrene           | 17.05 | 178  | 94817m   | 6.529  | ng/ul  |        |
| 13) Anthracene             | 17.15 | 178  | 28307m   | 2.063  | ng/ul  |        |
| 15) Fluoranthene           | 19.08 | 202  | 183309m  | 10.759 | ng/ul  |        |
| 17) Pyrene                 | 19.45 | 202  | 170394   | 9.254  | ng/ul  | 96     |
| 18) Benzo(a)anthracene     | 21.21 | 228  | 86338m   | 5.659  | ng/ul  |        |
| 19) Chrysene               | 21.26 | 228  | 89364    | 5.768  | ng/ul  | 99     |
| 21) Benzo(b)fluoranthene   | 22.77 | 252  | 132667m  | 7.588  | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.81 | 252  | 47512m   | 2.621  | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.34 | 252  | 80435    | 5.133  | ng/ul# | 87     |
| 24) Indeno(1,2,3-cd)pyrene | 25.64 | 276  | 62674    | 3.481  | ng/ul# | 94     |
| 25) Dibenzo(a,h)anthracene | 25.64 | 278  | 16746    | 1.162  | ng/ul  | 99     |
| 26) Benzo(a,h,i)perylene   | 26.32 | 276  | 56549    | 3.724  | ng/ul  | 93     |

SJ 10/12/18

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