

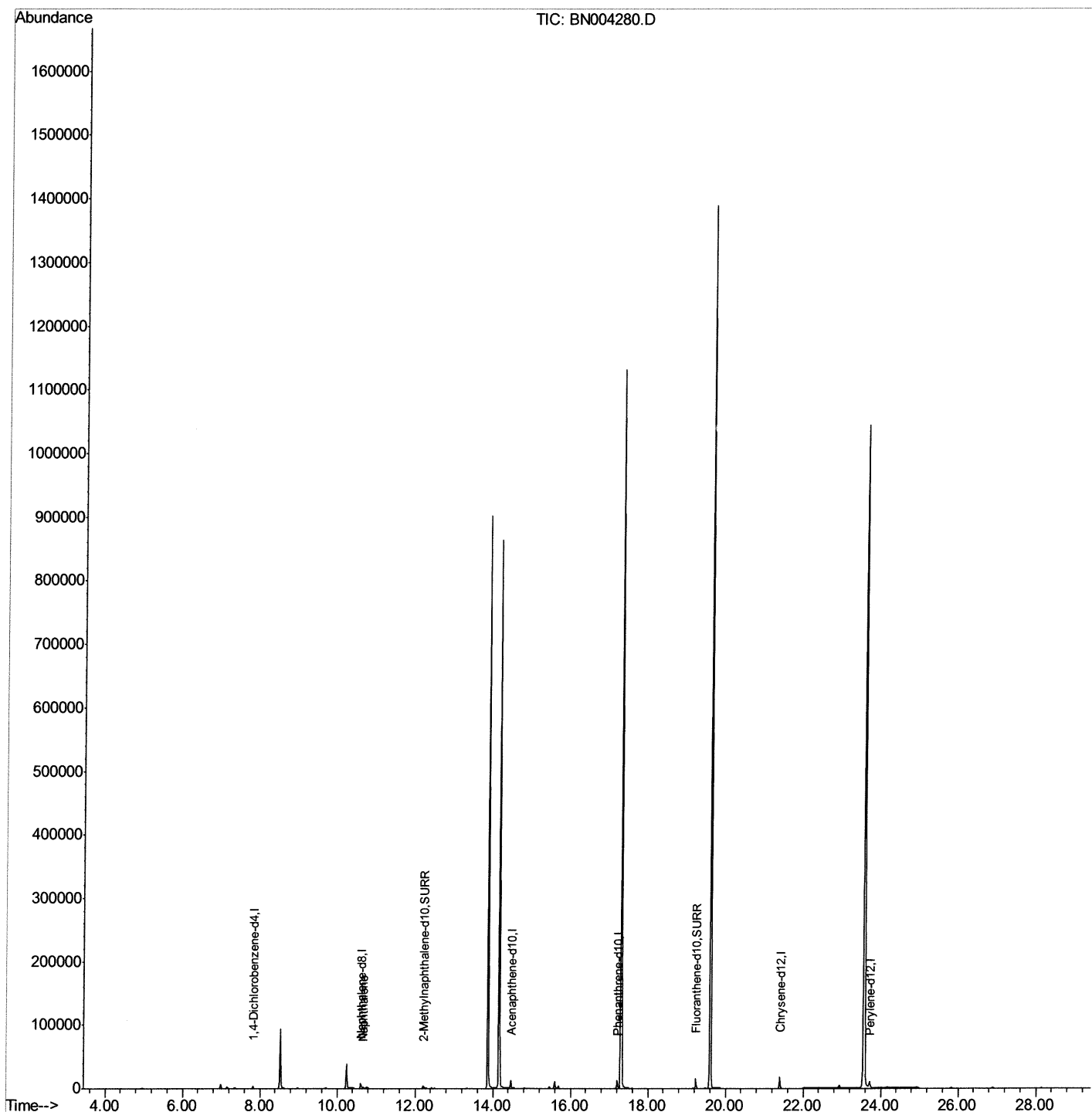
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
Data File : BN004280.D  
Acq On : 29 Dec 2018 01:32  
Operator : JU/SJ  
Sample : J6541-12  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9F65

Manual Integrations  
APPROVED

Sohil  
1/2/2019 3:39:55 PM

Quant Time: Dec 29 04:37:10 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN122818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 28 22:16:51 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

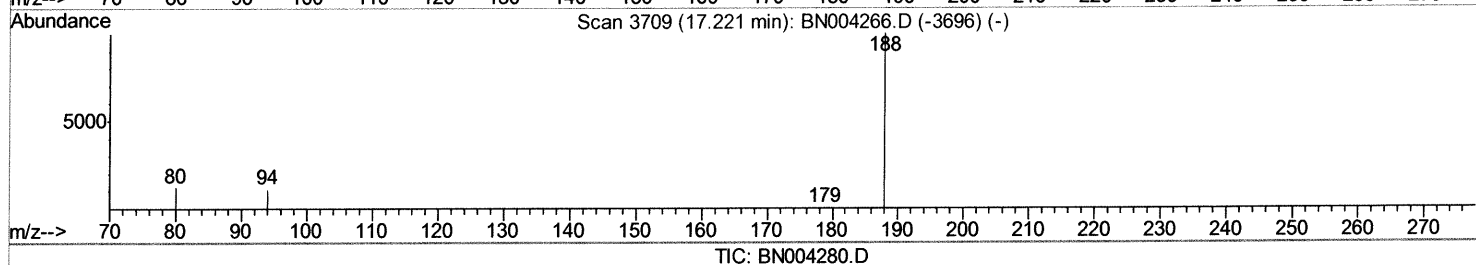
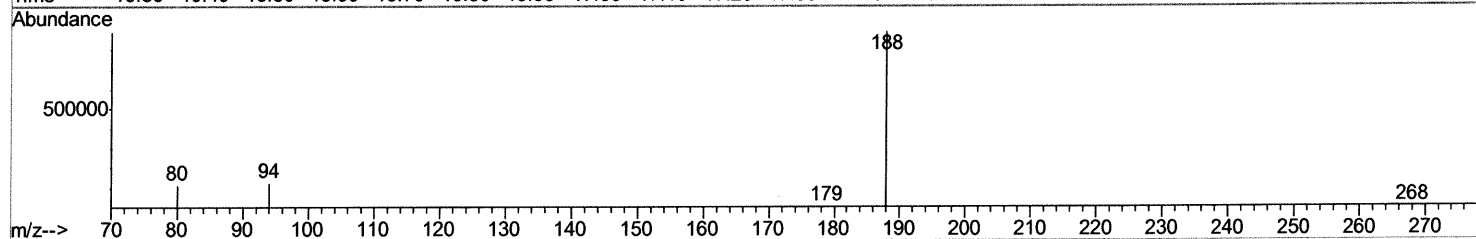
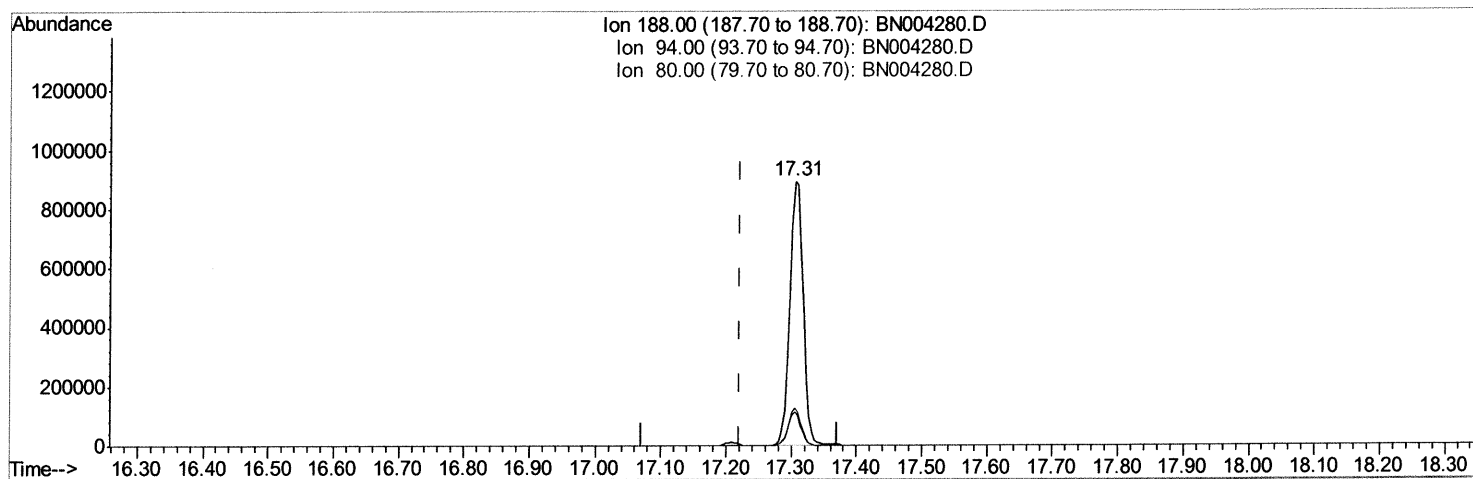
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
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Manual Integrations  
APPROVED

Sohil  
1/2/2019 3:39:55 PM

Quant Time: Dec 29 04:07:37 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN122818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 28 22:16:51 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.306min (+0.084) 0.40ng/ul

response 1273386

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.50 | 14.00# |
| 80.00  | 12.80 | 12.63  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

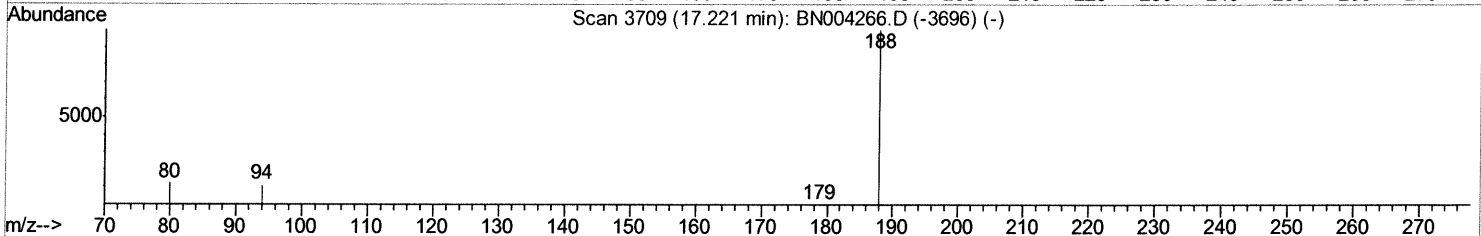
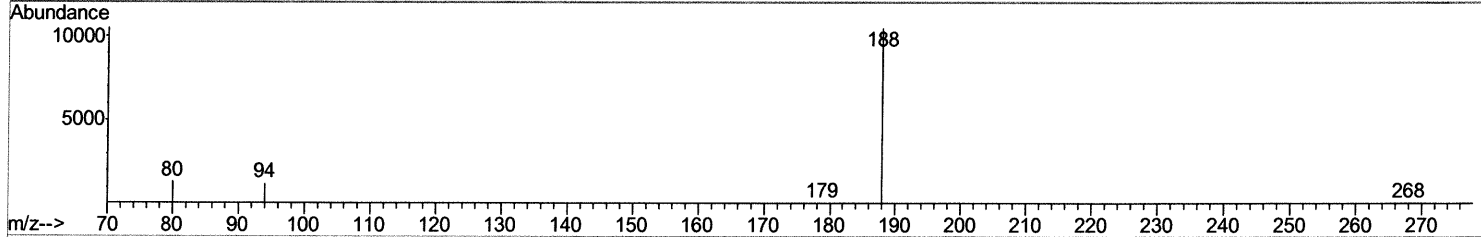
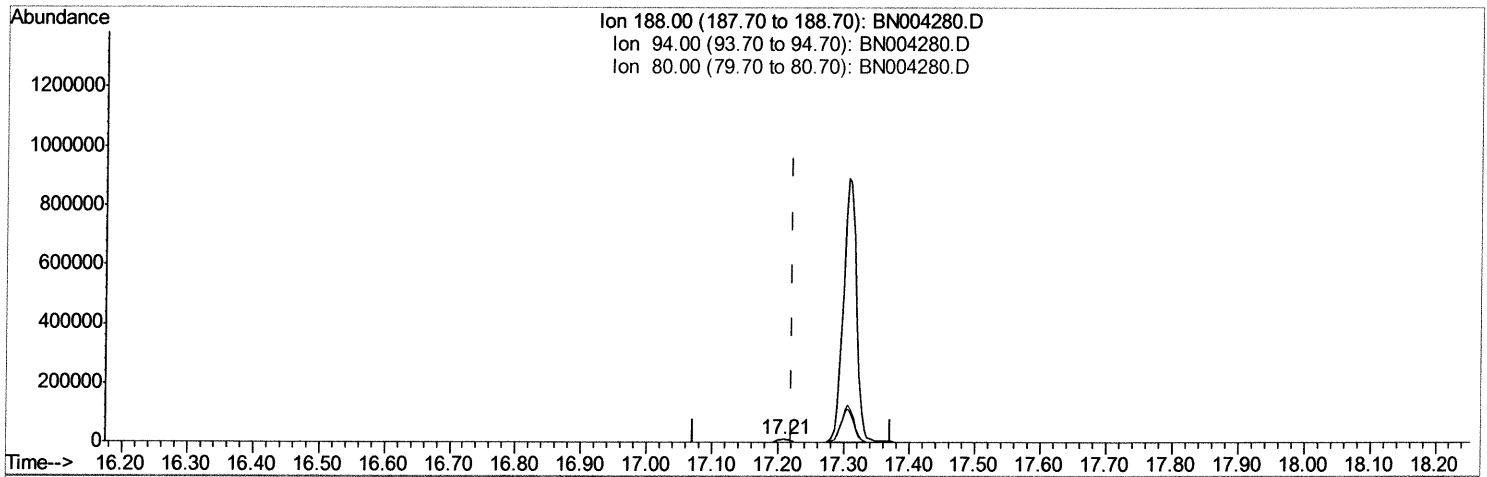
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
 Data File : BN004280.D  
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 Operator : JU/SJ  
 Sample : J6541-12  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F65

Manual Integrations  
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Sohil  
 1/2/2019 3:39:55 PM

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TIC: BN004280.D

(10) Phenanthrene-d10 (I)

17.208min (-0.013) 0.40ng/ul m

SD 1/2/19

response 14856

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.50 | 11.41 |
| 80.00  | 12.80 | 12.58 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

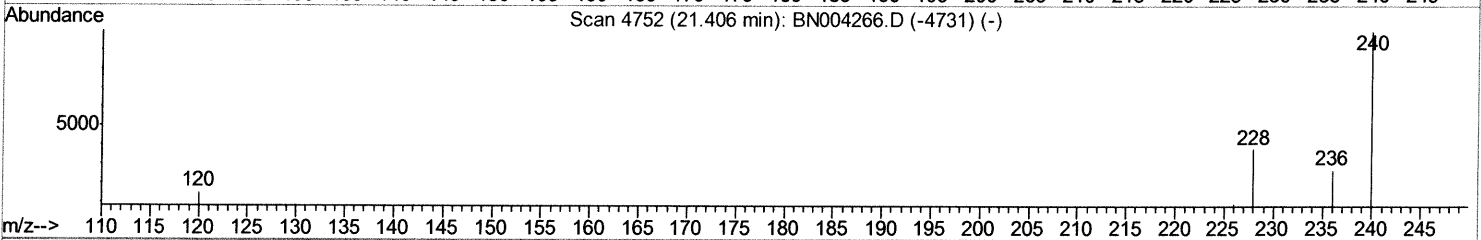
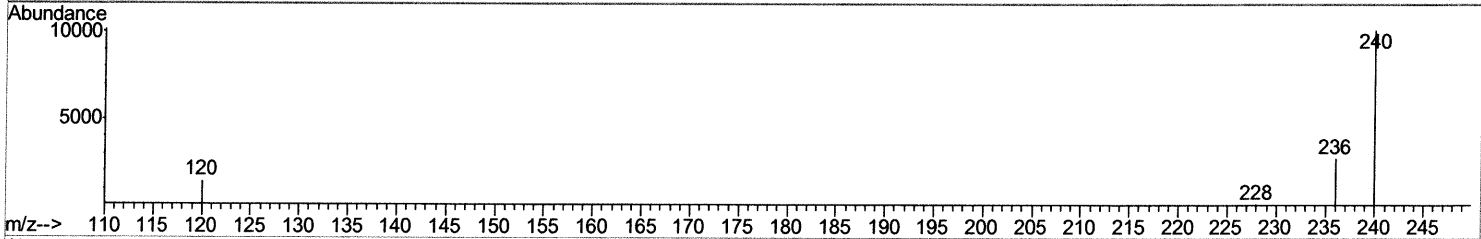
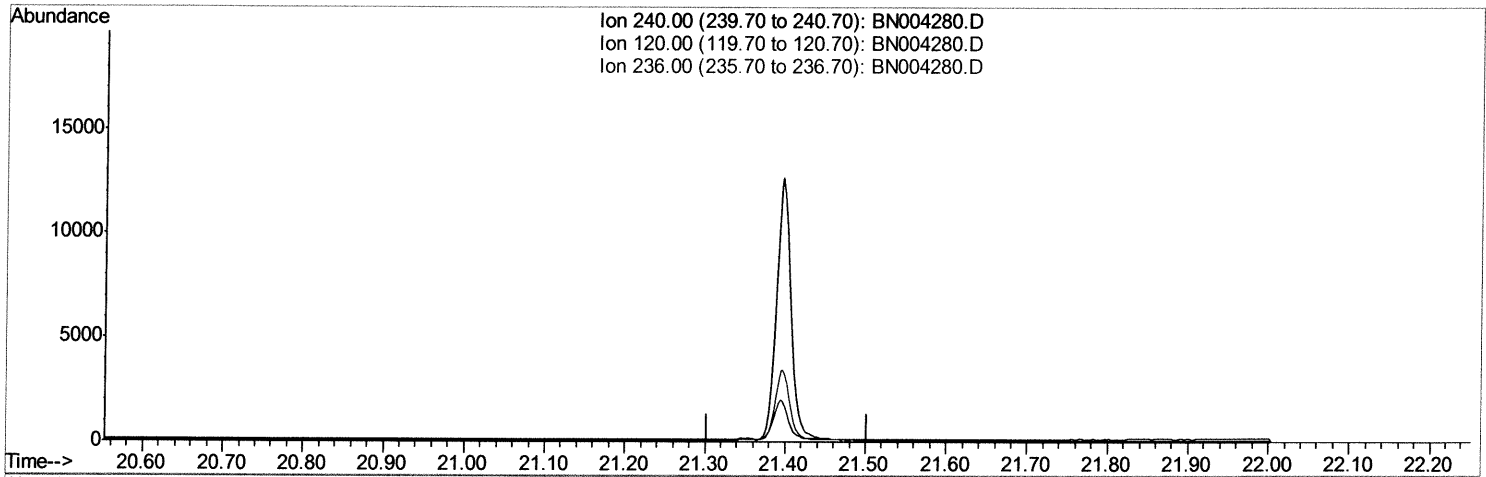
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
 Data File : BN004280.D  
 Acq On : 29 Dec 2018 01:32  
 Operator : JU/SJ  
 Sample : J6541-12  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F65

Manual Integrations  
 APPROVED

Sohil  
 1/2/2019 3:39:55 PM

Quant Time: Dec 29 04:07:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN122818.M  
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TIC: BN004280.D

(16) Chrysene-d12 (I)

21.403min (-21.403) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 0.00  |
| 120.00 | 16.20 | 0.00# |
| 236.00 | 27.90 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

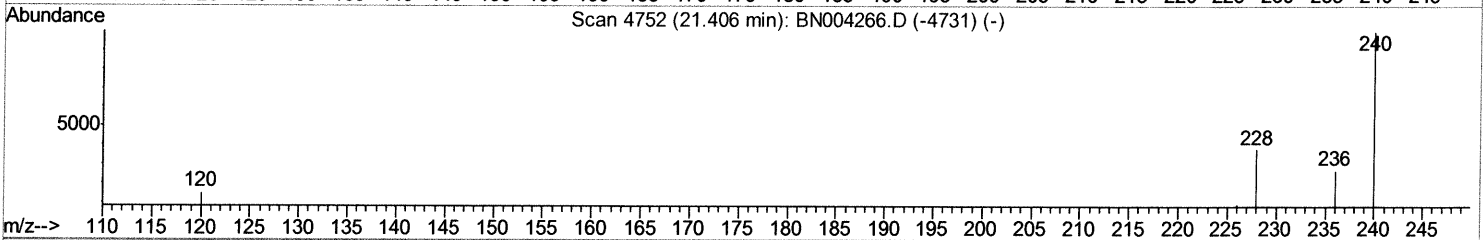
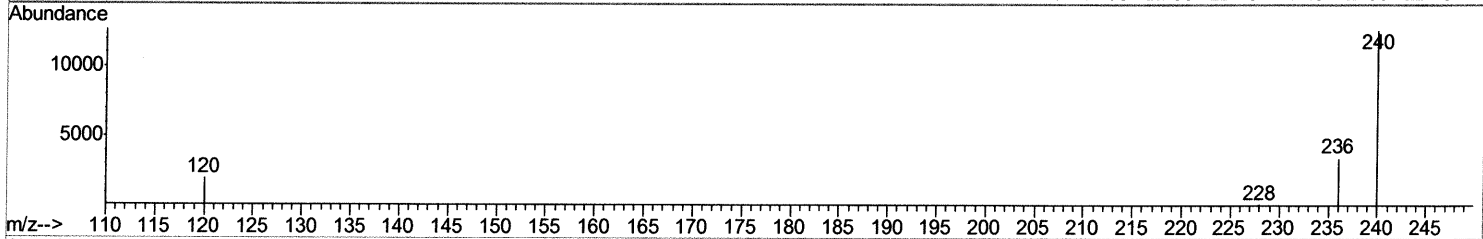
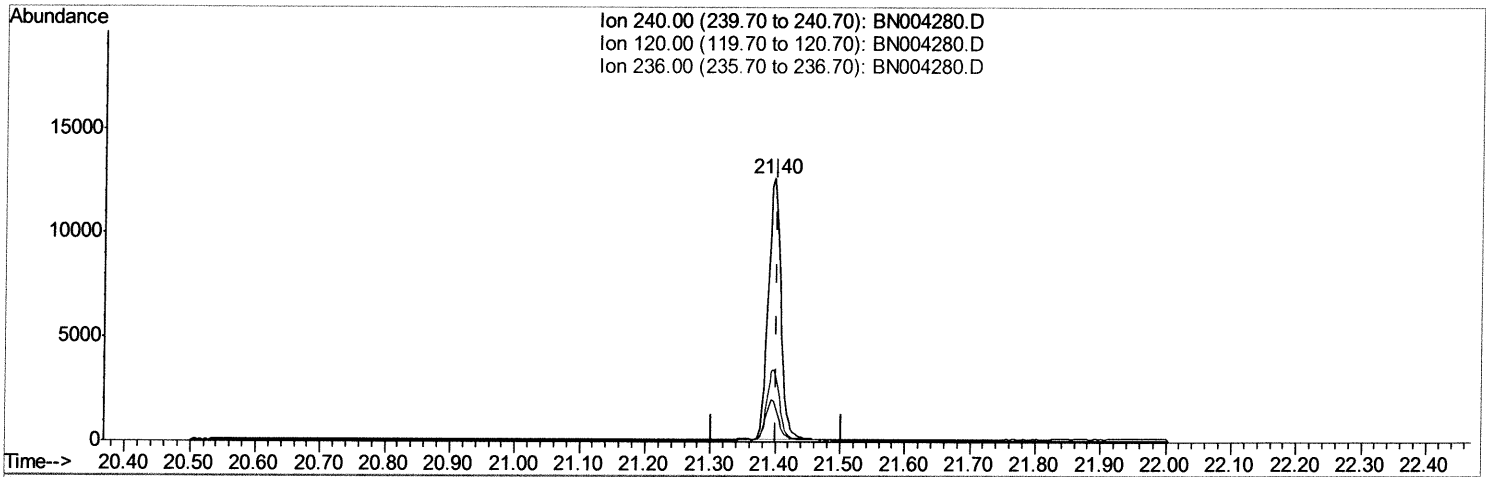
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
 Data File : BN004280.D  
 Acq On : 29 Dec 2018 01:32  
 Operator : JU/SJ  
 Sample : J6541-12  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F65

Manual Integrations  
 APPROVED

Sohil  
 1/2/2019 3:39:55 PM

Quant Time: Dec 29 04:07:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN122818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 28 22:16:51 2018  
 Response via : Initial Calibration



TIC: BN004280.D

(16) Chrysene-d12 (I)

21.397min (-0.006) 0.40ng/ul m

SJ 1/2/19

response 16653

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 16.20 | 15.53 |
| 236.00 | 27.90 | 27.49 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

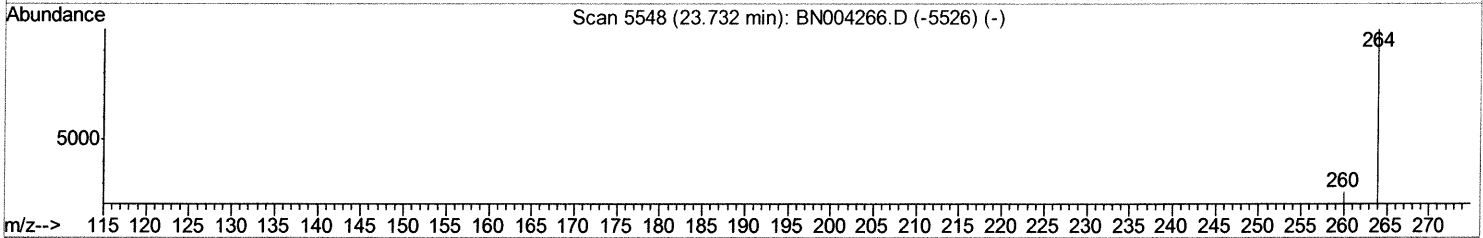
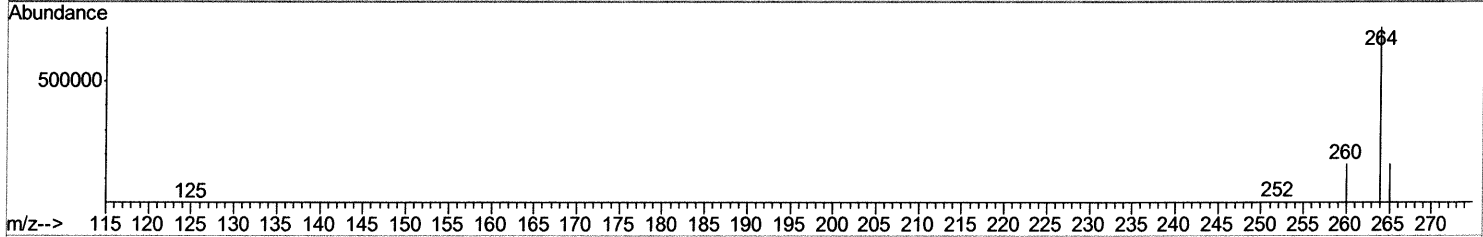
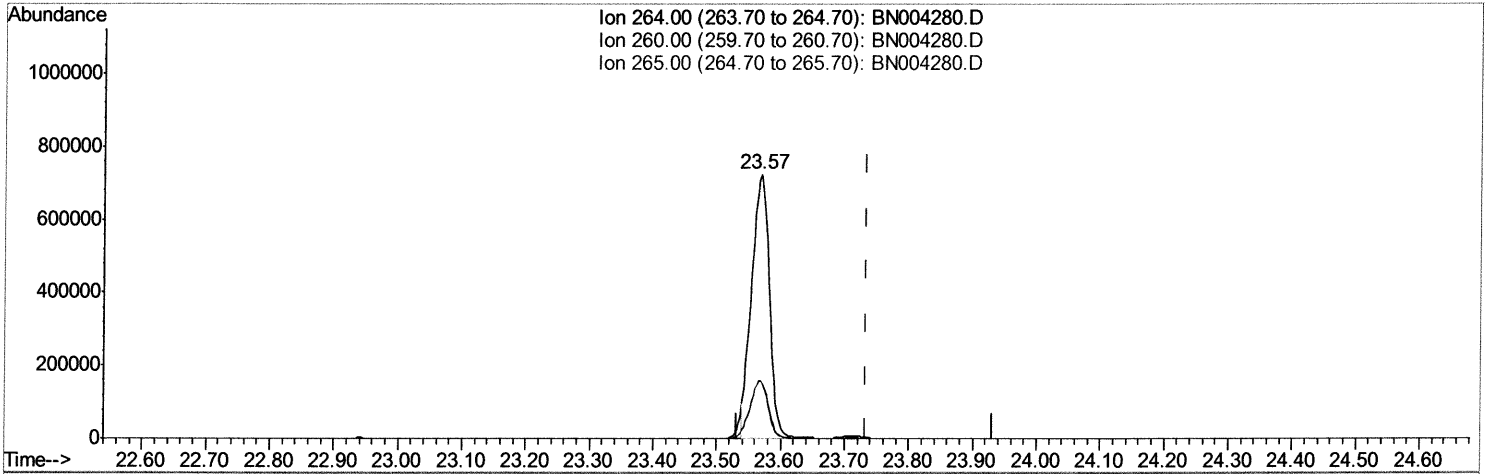
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
 Data File : BN004280.D  
 Acq On : 29 Dec 2018 01:32  
 Operator : JU/SJ  
 Sample : J6541-12  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F65

Manual Integrations  
 APPROVED

Sohil  
 1/2/2019 3:39:55 PM

Quant Time: Dec 29 04:07:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN122818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 28 22:16:51 2018  
 Response via : Initial Calibration



TIC: BN004280.D

(20) Perylene-d12 (I)

23.568min (-0.164) 0.40ng/ul

response 1399587

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 26.50 | 21.83  |
| 265.00 | 31.50 | 21.94# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

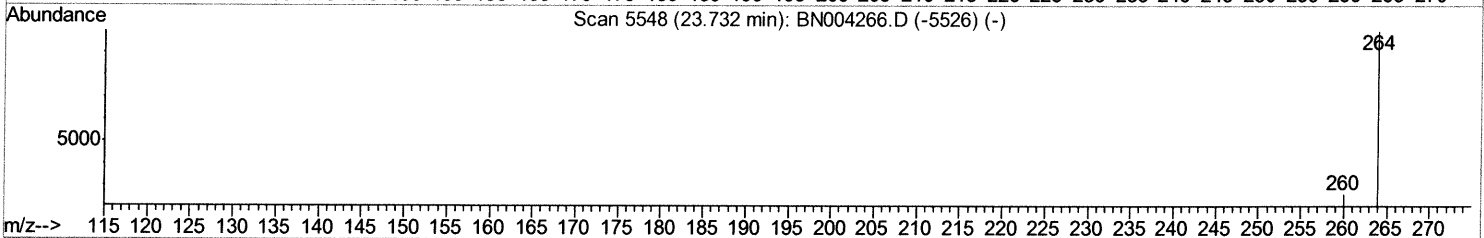
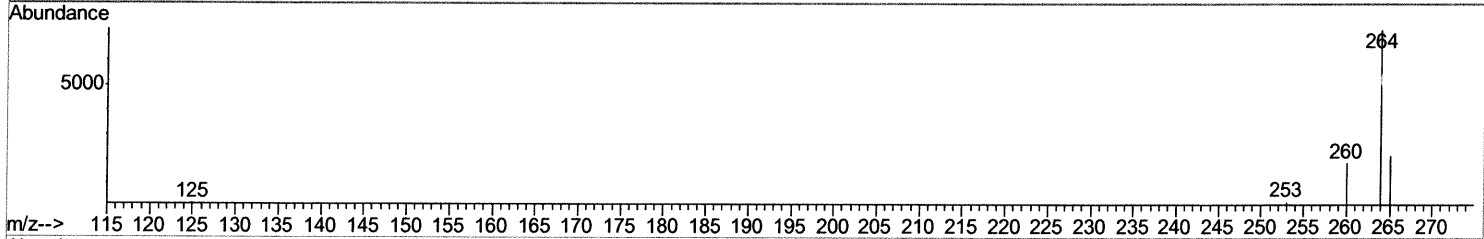
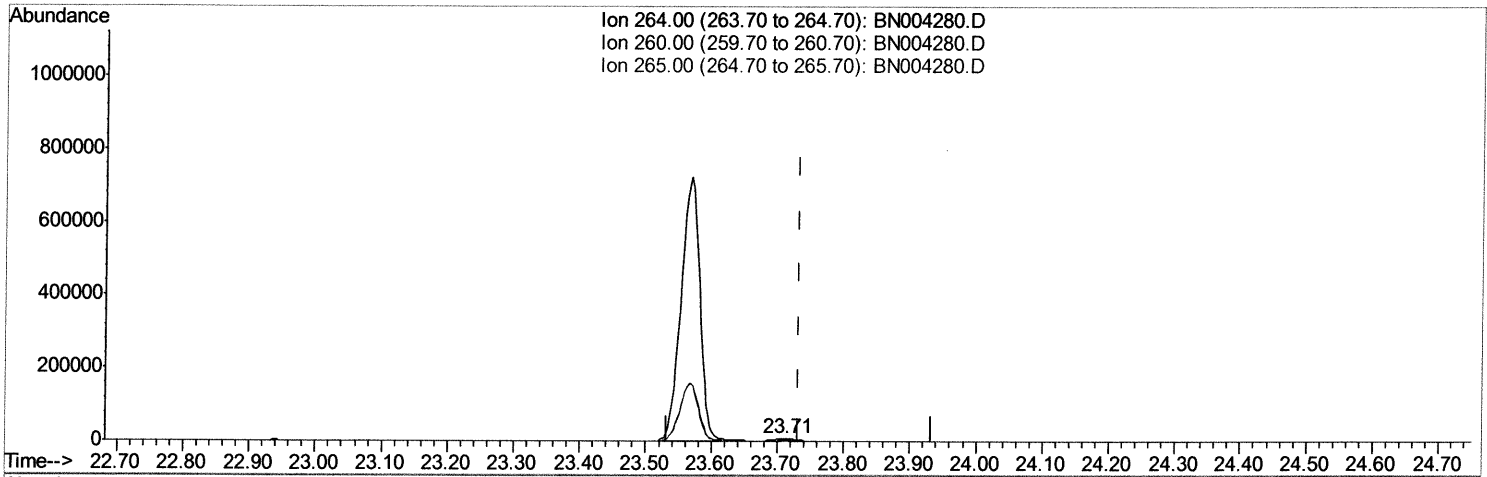
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
 Data File : BN004280.D  
 Acq On : 29 Dec 2018 01:32  
 Operator : JU/SJ  
 Sample : J6541-12  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 F9F65

Manual Integrations  
 APPROVED

Sohil  
 1/2/2019 3:39:55 PM

Quant Time: Dec 29 04:07:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN122818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 28 22:16:51 2018  
 Response via : Initial Calibration



TIC: BN004280.D

(20) Perylene-d12 (I)

23.712min (-0.020) 0.40ng/ul m

SJ 1/2/19

response 11665

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 26.50 | 25.80 |
| 265.00 | 31.50 | 29.91 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

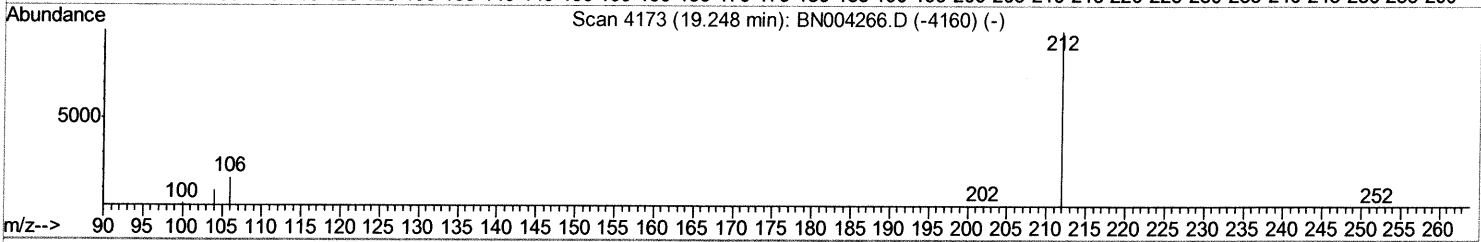
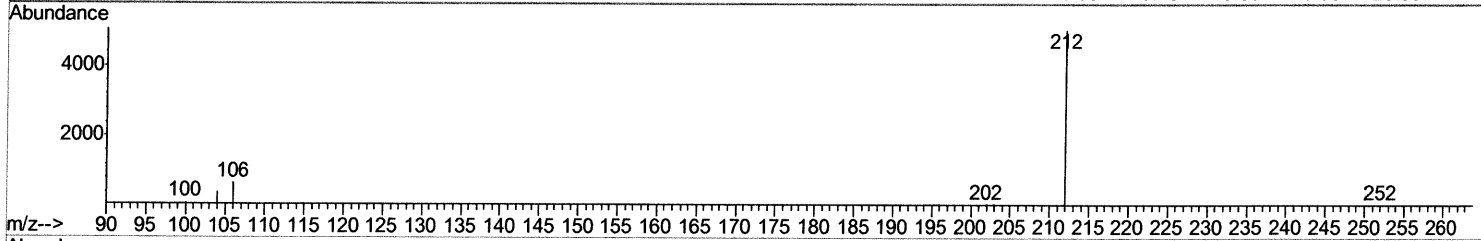
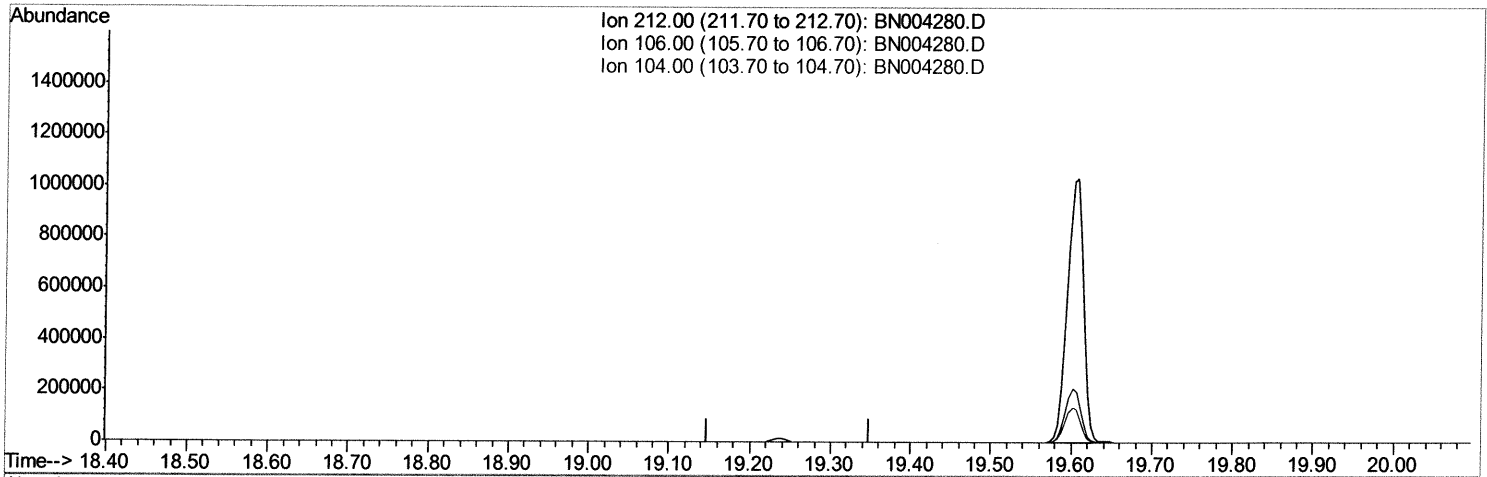
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
 Data File : BN004280.D  
 Acq On : 29 Dec 2018 01:32  
 Operator : JU/SJ  
 Sample : J6541-12  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F65

Manual Integrations  
 APPROVED

Sohil  
 1/2/2019 3:39:55 PM

Quant Time: Dec 29 04:34:54 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN122818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 28 22:16:51 2018  
 Response via : Initial Calibration



TIC: BN004280.D

(14) Fluoranthene-d10 (Surr)

19.248min (-19.248) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 15.70 | 0.00# |
| 104.00 | 8.80  | 0.00# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
Data File : BN004280.D  
Acq On : 29 Dec 2018 01:32  
Operator : JU/SJ  
Sample : J6541-12  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9F65

Manual Integrations  
APPROVED

Sohil  
1/2/2019 3:39:55 PM

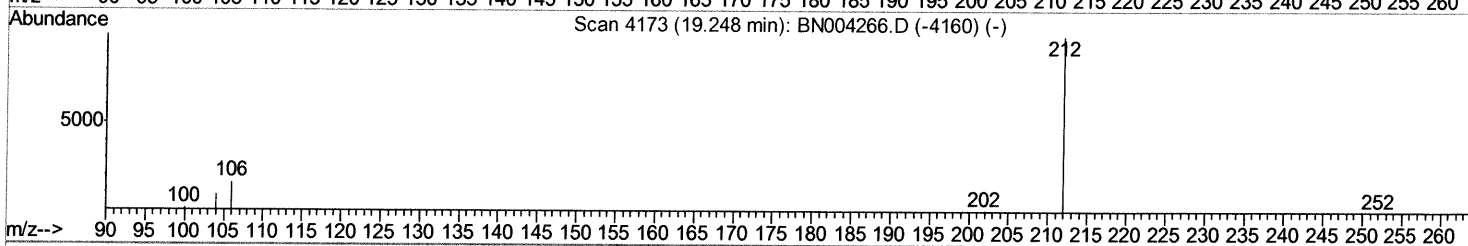
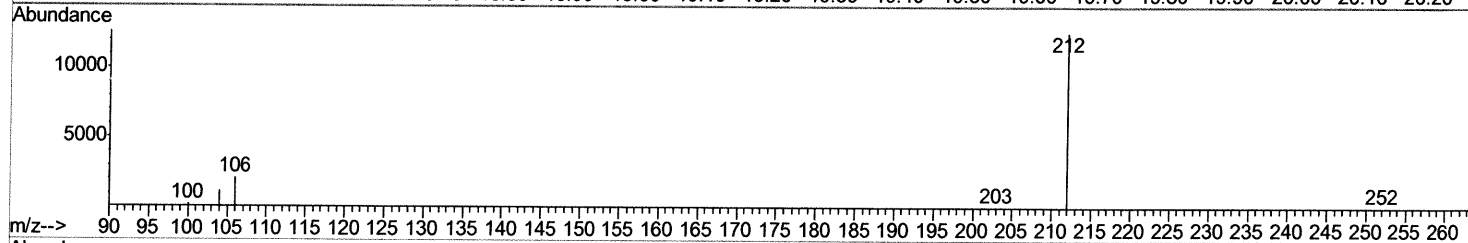
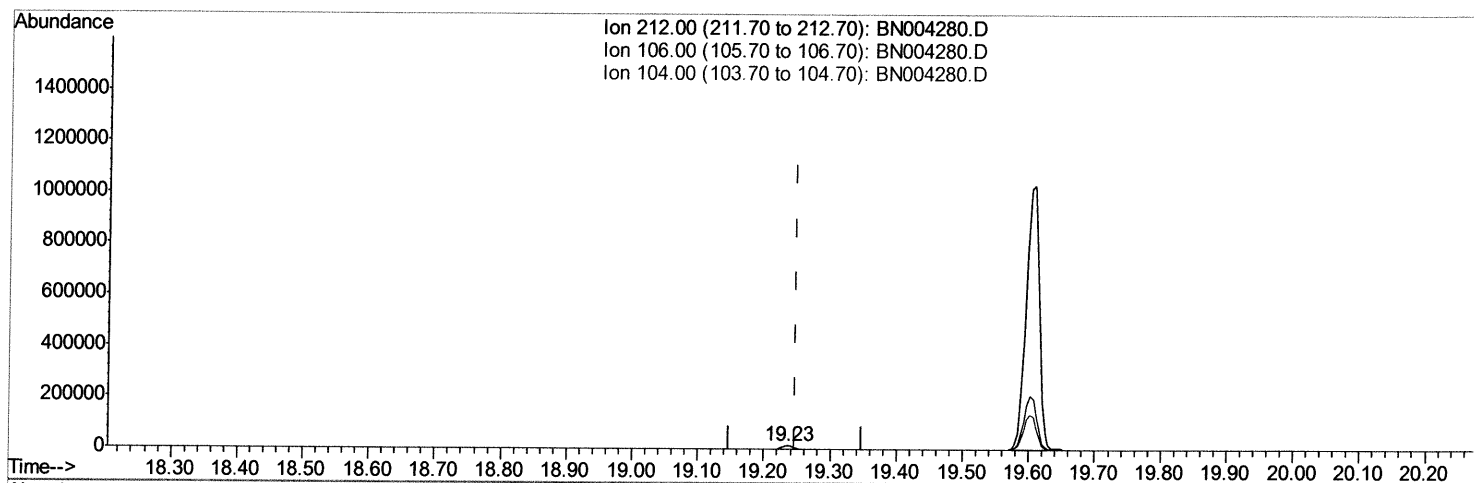
Quant Time: Dec 29 04:35:15 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN122818.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 28 22:16:51 2018

Response via : Initial Calibration



TIC: BN004280.D

(14) Fluoranthene-d10 (Surr)

19.234min (-0.014) 0.39ng/ul m

SJ 1/2/19

response 17039

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 15.70 | 0.00# |
| 104.00 | 8.80  | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122818\  
Data File : BN004280.D  
Acq On : 29 Dec 2018 01:32  
Operator : JU/SJ  
Sample : J6541-12  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9F65

Manual Integrations  
APPROVED

Sohil  
1/2/2019 3:39:55 PM

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.83  | 152  | 2514     | 0.40  | ng/ul | 0.00      |
| 2) Naphthalene-d8           | 10.61 | 136  | 11139    | 0.40  | ng/ul | 0.00      |
| 6) Acenaphthene-d10         | 14.46 | 164  | 7059     | 0.40  | ng/ul | 0.00      |
| 10) Phenanthrene-d10        | 17.21 | 188  | 14856m   | 0.40  | ng/ul | -0.01     |
| 16) Chrysene-d12            | 21.40 | 240  | 16653m   | 0.40  | ng/ul | 0.00      |
| 20) Perylene-d12            | 23.71 | 264  | 11665m   | 0.40  | ng/ul | -0.02     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 4) 2-Methylnaphthalene-d10  | 12.21 | 152  | 5936     | 0.35  | ng/ul | 0.00      |
| 14) Fluoranthene-d10        | 19.23 | 212  | 17039m   | 0.39  | ng/ul | -0.01     |
| Target Compounds            |       |      |          |       |       |           |
| 3) Naphthalene              | 10.66 | 128  | 3662     | 0.117 | ng/ul | Qvalue 96 |

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

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1/2/19