

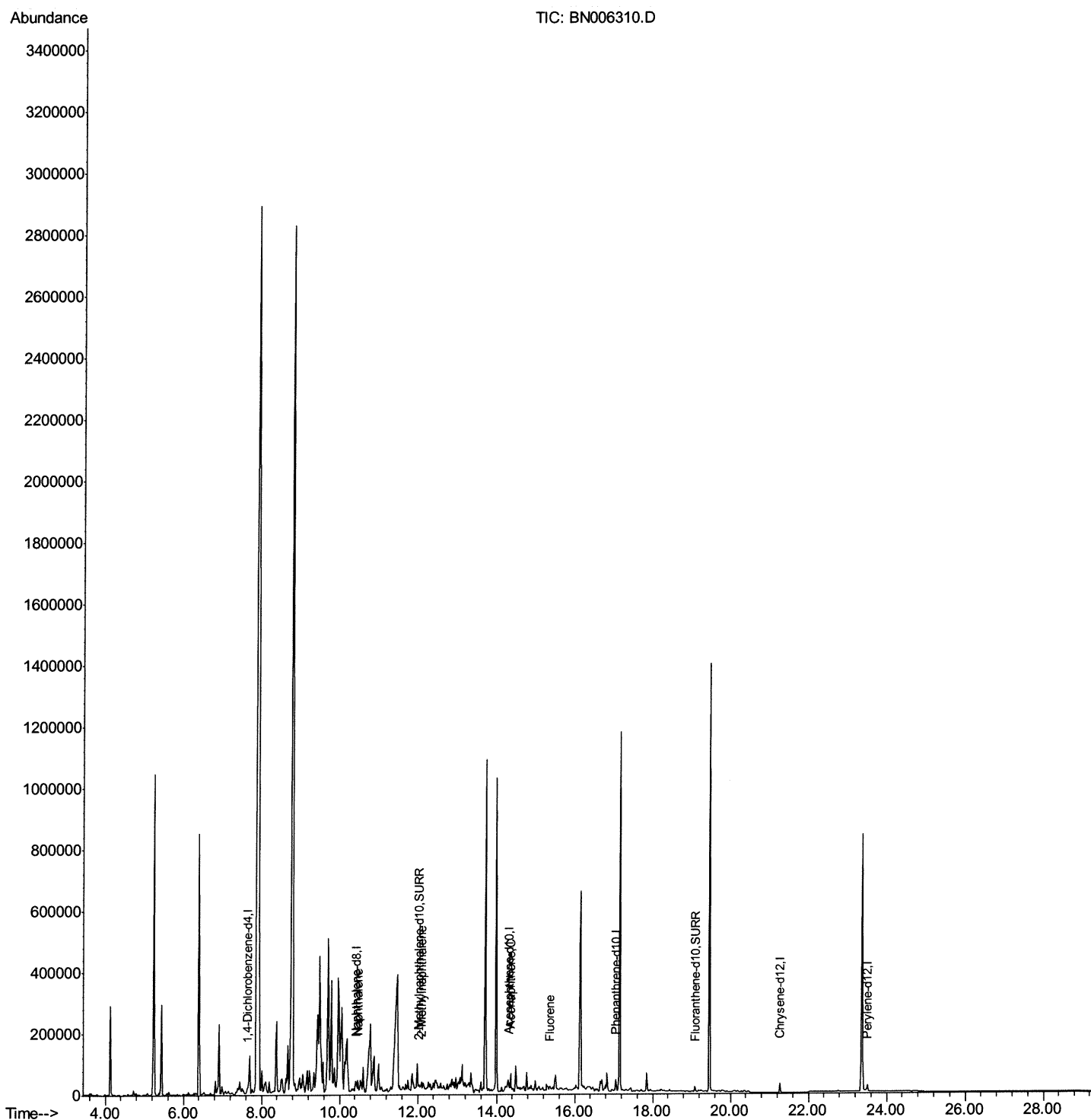
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
Data File : BN006310.D  
Acq On : 13 Jun 2019 14:35  
Operator : JU/SJ  
Sample : K3213-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DB8K0

Manual Integrations  
APPROVED

mohammad  
6/14/2019 8:49:14 AM

Quant Time: Jun 13 16:22:53 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 13 11:20:30 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

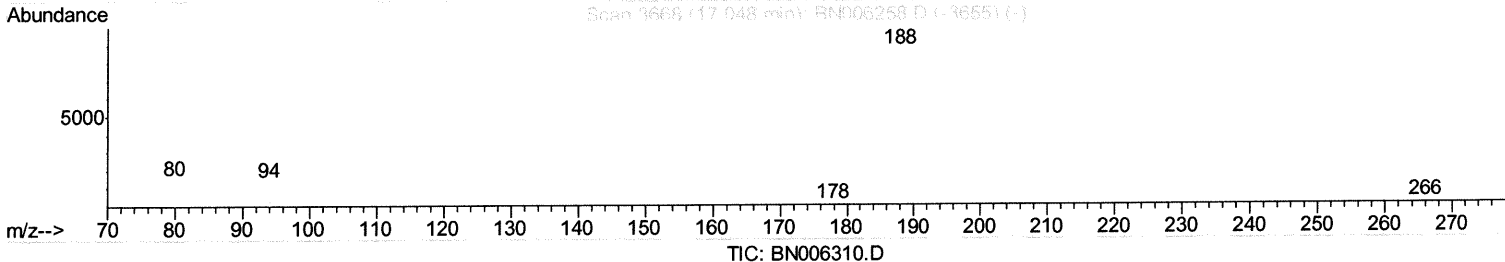
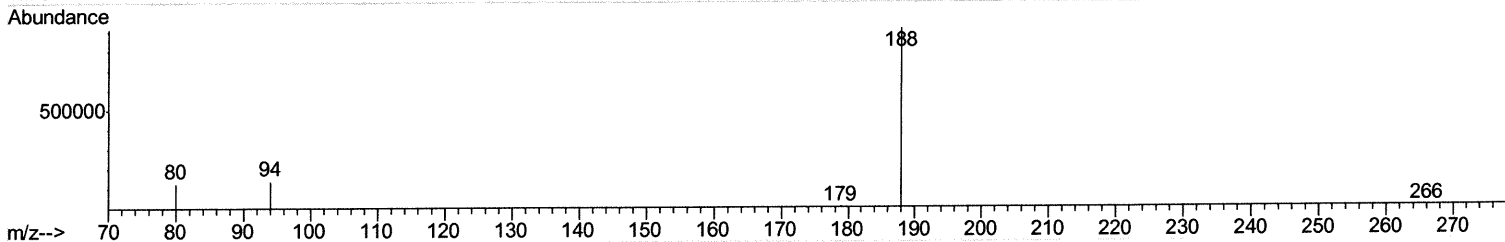
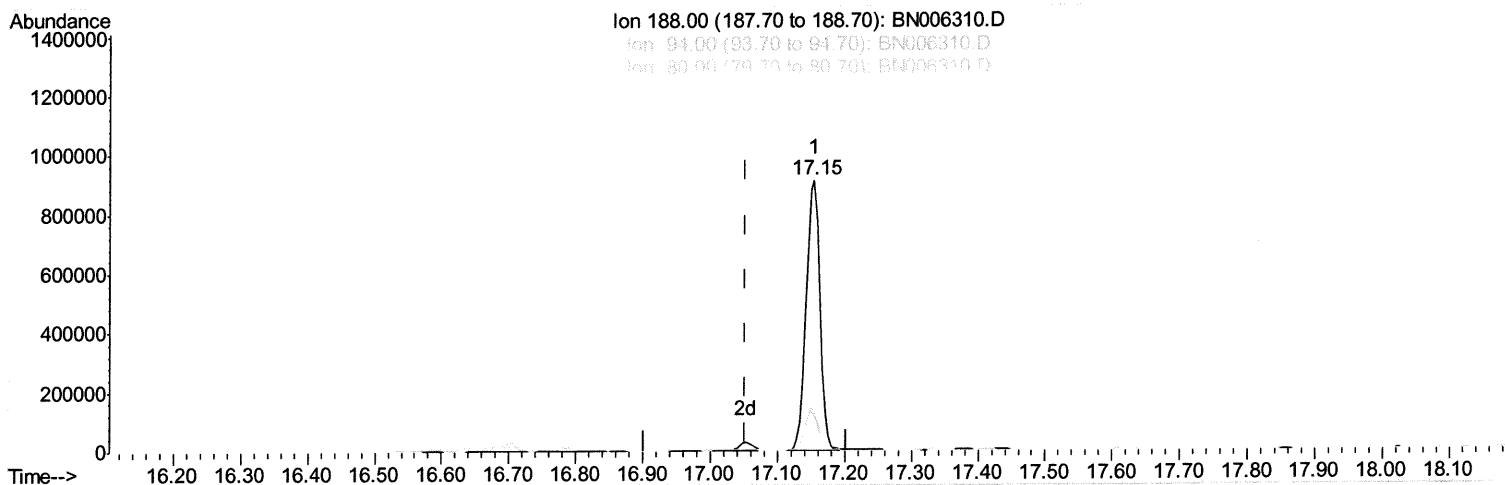
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
 Data File : BN006310.D  
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TIC: BN006310.D

(10) Phenanthrene-d10 (I)

17.154min (+0.101) 0.40ng/ul

response 1280123

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.00 | 15.18 |
| 80.00  | 13.60 | 13.73 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

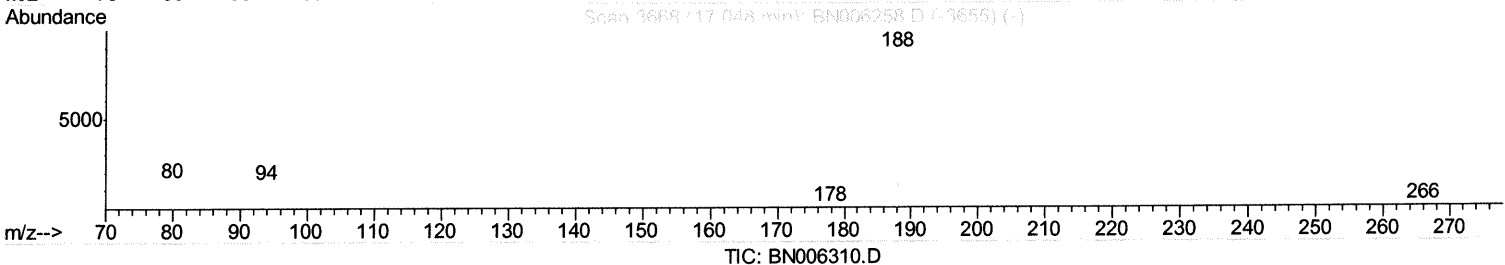
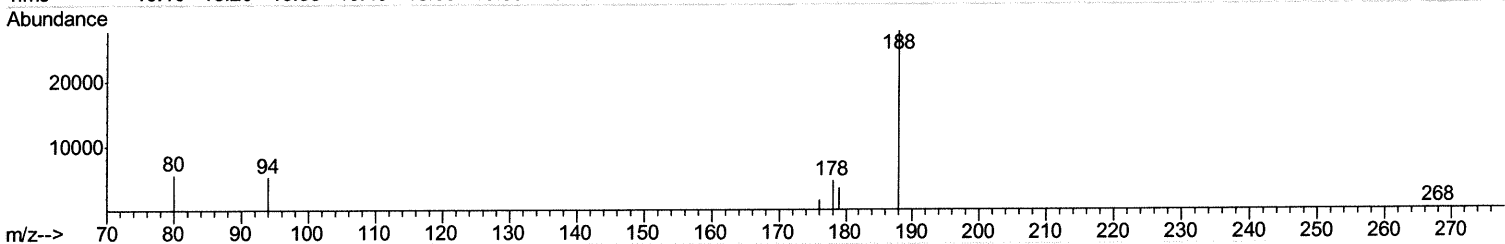
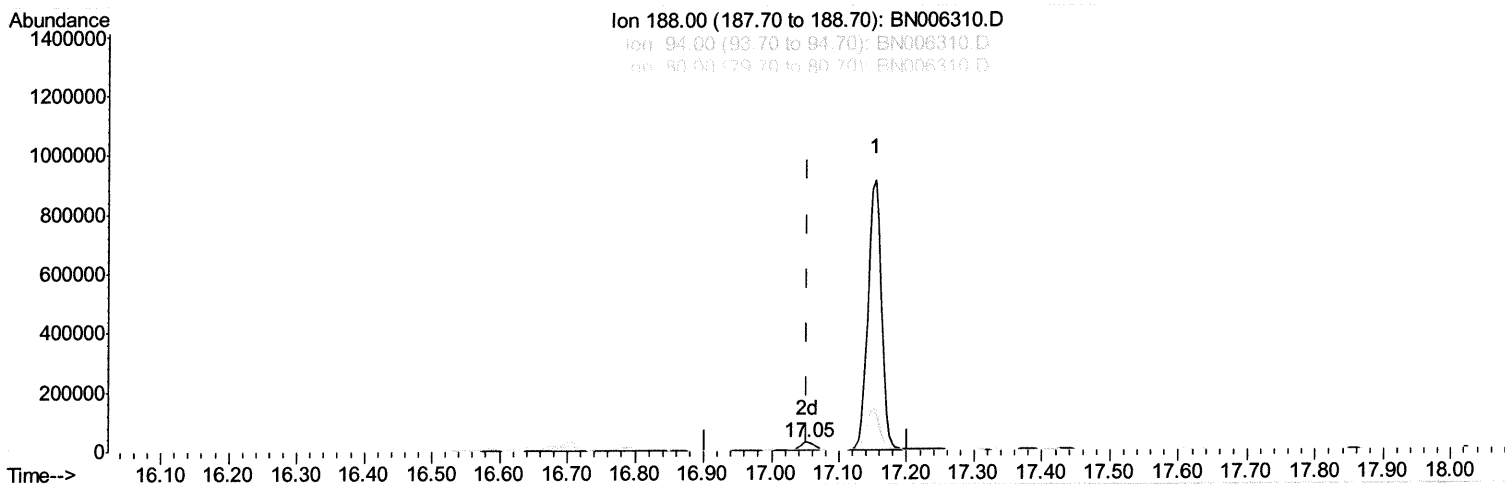
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
 Data File : BN006310.D  
 Acq On : 13 Jun 2019 14:35  
 Operator : JU/SJ  
 Sample : K3213-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB8K0

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:49:14 AM

Quant Time: Jun 13 16:20:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 11:20:30 2019  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.052min (-0.000) 0.40ng/ul m <sup>JU</sup> 06/19/19

response 38693

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 13.00 | 18.66# |
| 80.00  | 13.60 | 20.07# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

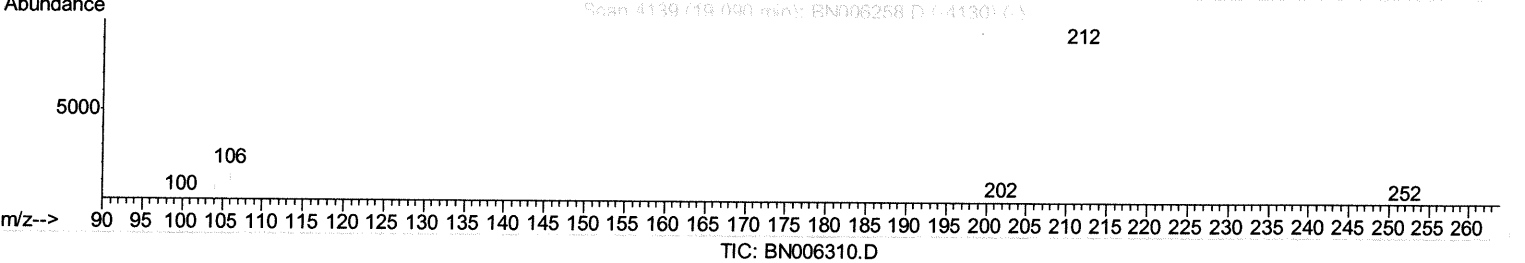
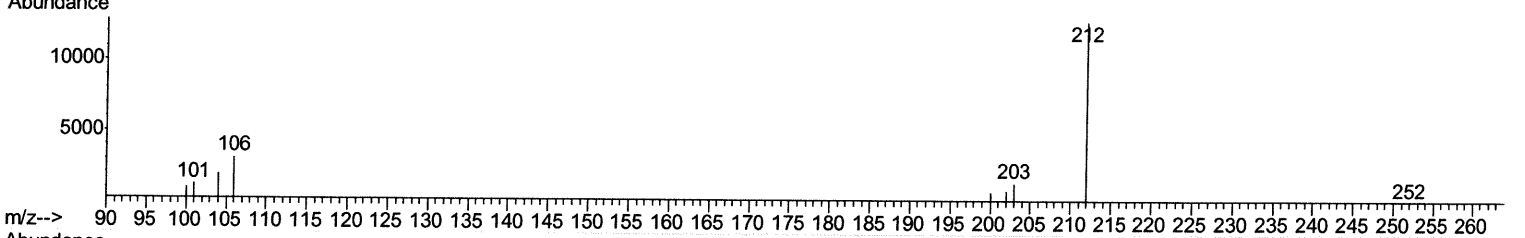
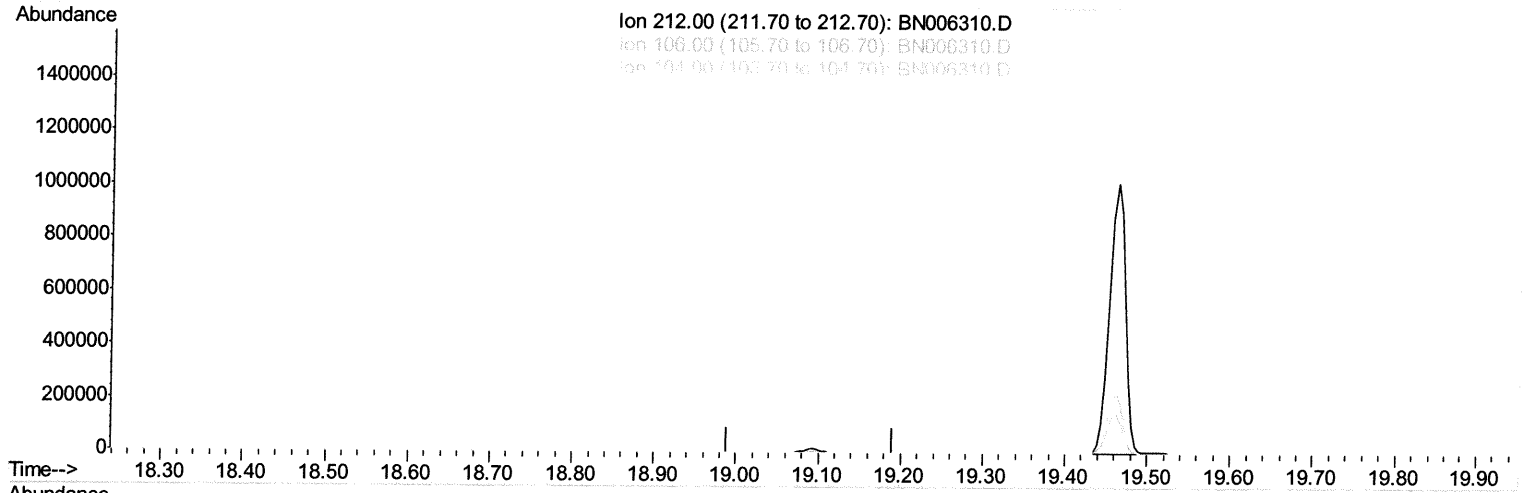
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
 Data File : BN006310.D  
 Acq On : 13 Jun 2019 14:35  
 Operator : JU/SJ  
 Sample : K3213-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB8K0

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:49:14 AM

Quant Time: Jun 13 16:20:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 18.10 | 0.00# |
| 104.00 | 9.90  | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

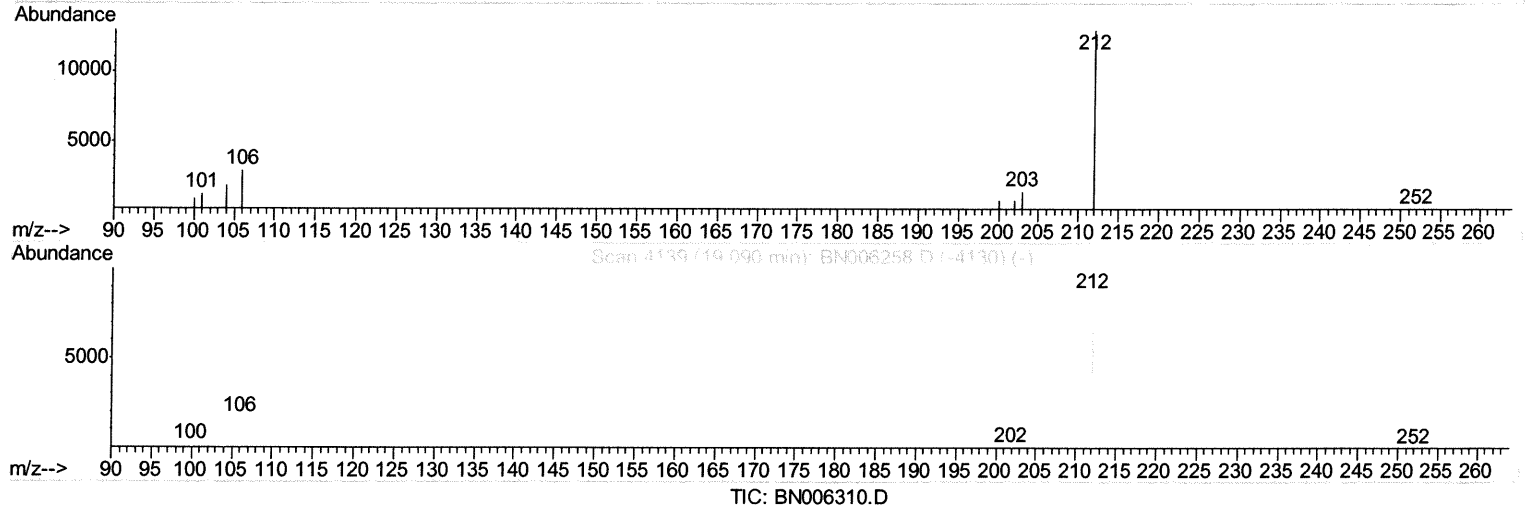
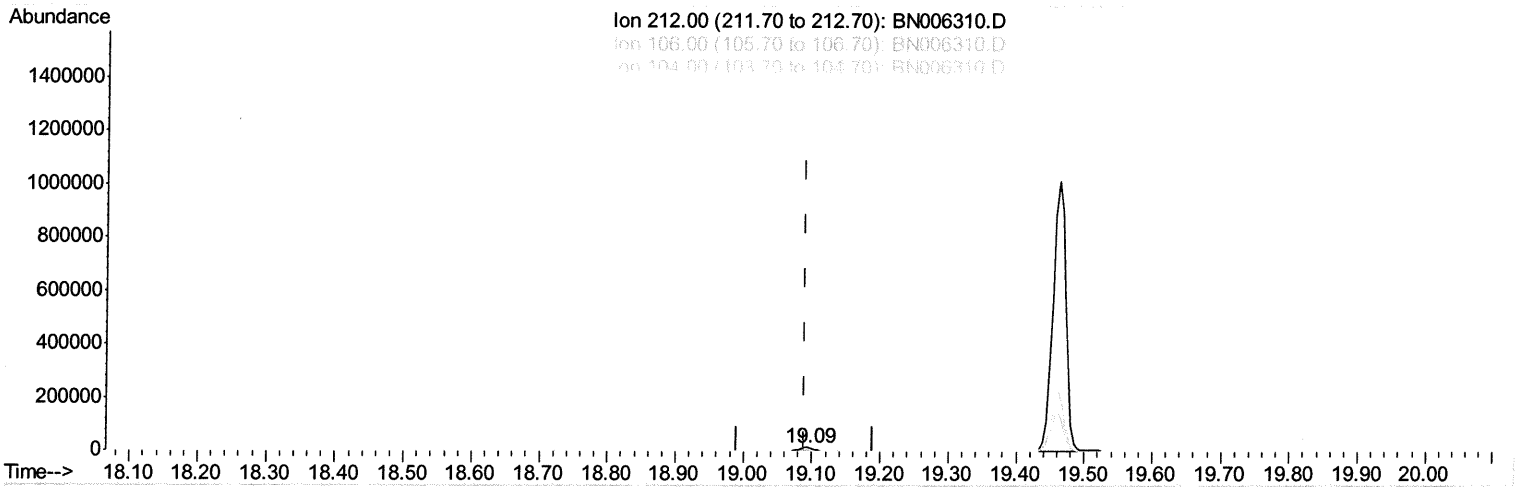
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
 Data File : BN006310.D  
 Acq On : 13 Jun 2019 14:35  
 Operator : JU/SJ  
 Sample : K3213-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB8K0

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:49:14 AM

Quant Time: Jun 13 16:20:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 11:20:30 2019  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.095min (+0.004) 0.18ng/ul m *JU 06/19/19*

response 18539

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 18.10 | 0.00# |
| 104.00 | 9.90  | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

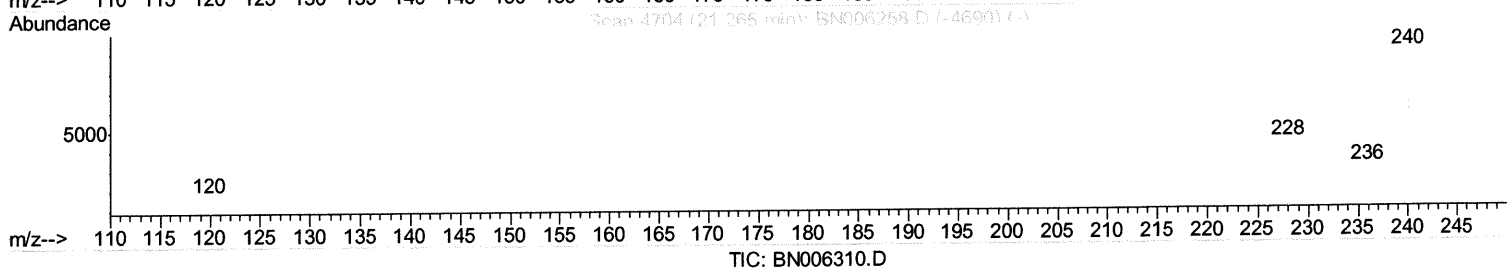
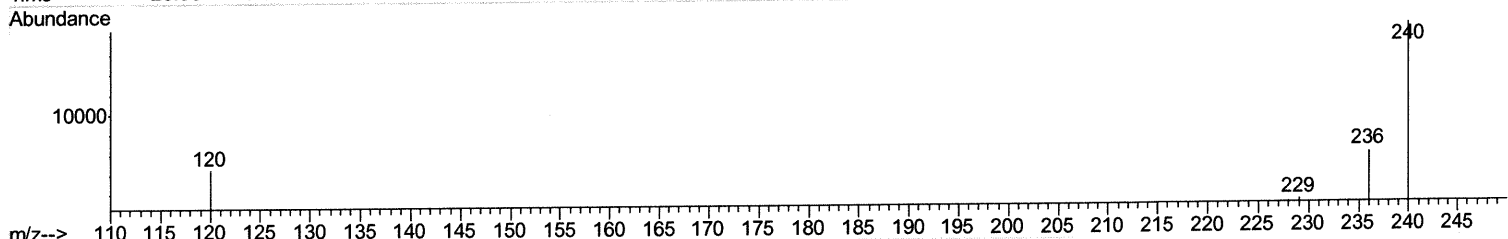
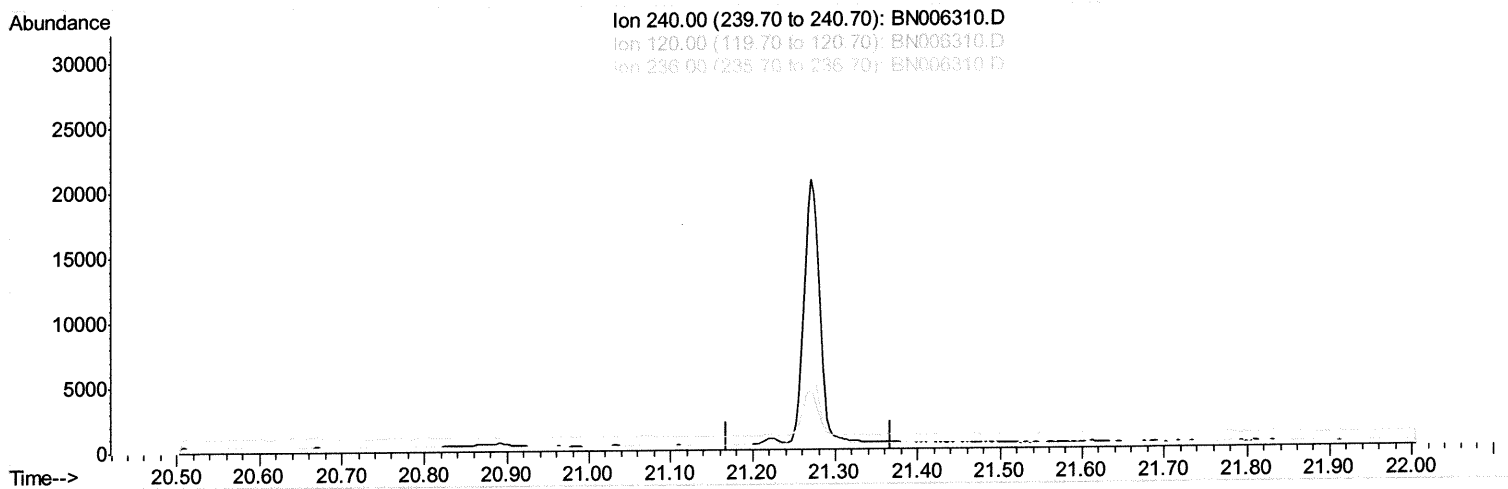
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
 Data File : BN006310.D  
 Acq On : 13 Jun 2019 14:35  
 Operator : JU/SJ  
 Sample : K3213-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB8K0

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:49:14 AM

Quant Time: Jun 13 16:20:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 11:20:30 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 0.00  |
| 120.00 | 20.10 | 0.00# |
| 236.00 | 30.10 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

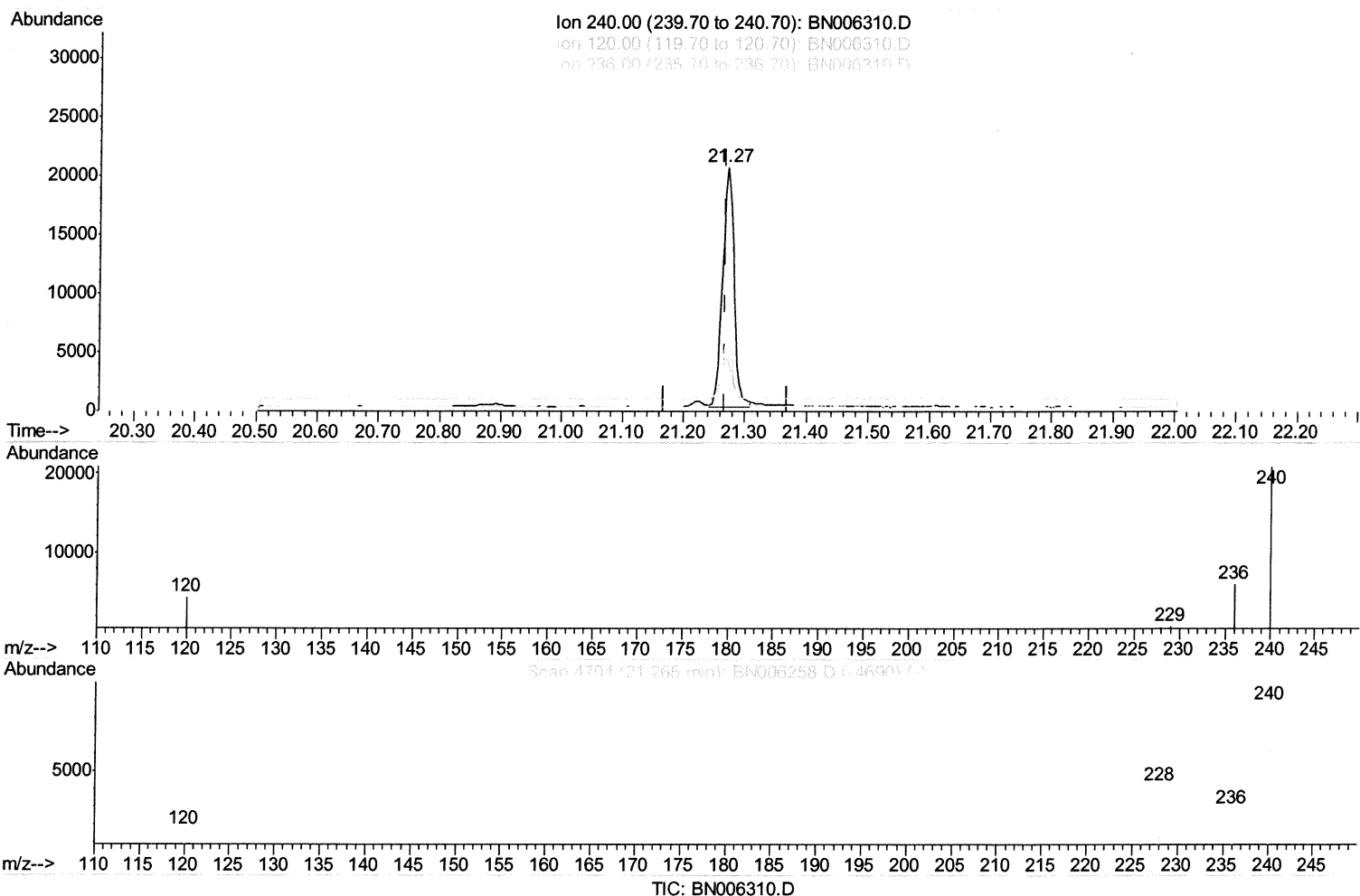
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
 Data File : BN006310.D  
 Acq On : 13 Jun 2019 14:35  
 Operator : JU/SJ  
 Sample : K3213-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB8K0

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:49:14 AM

Quant Time: Jun 13 16:20:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 11:20:30 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.270min (+0.002) 0.40ng/ul m *JU 06/19/19*

response 26479

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.10 | 21.45 |
| 236.00 | 30.10 | 29.46 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

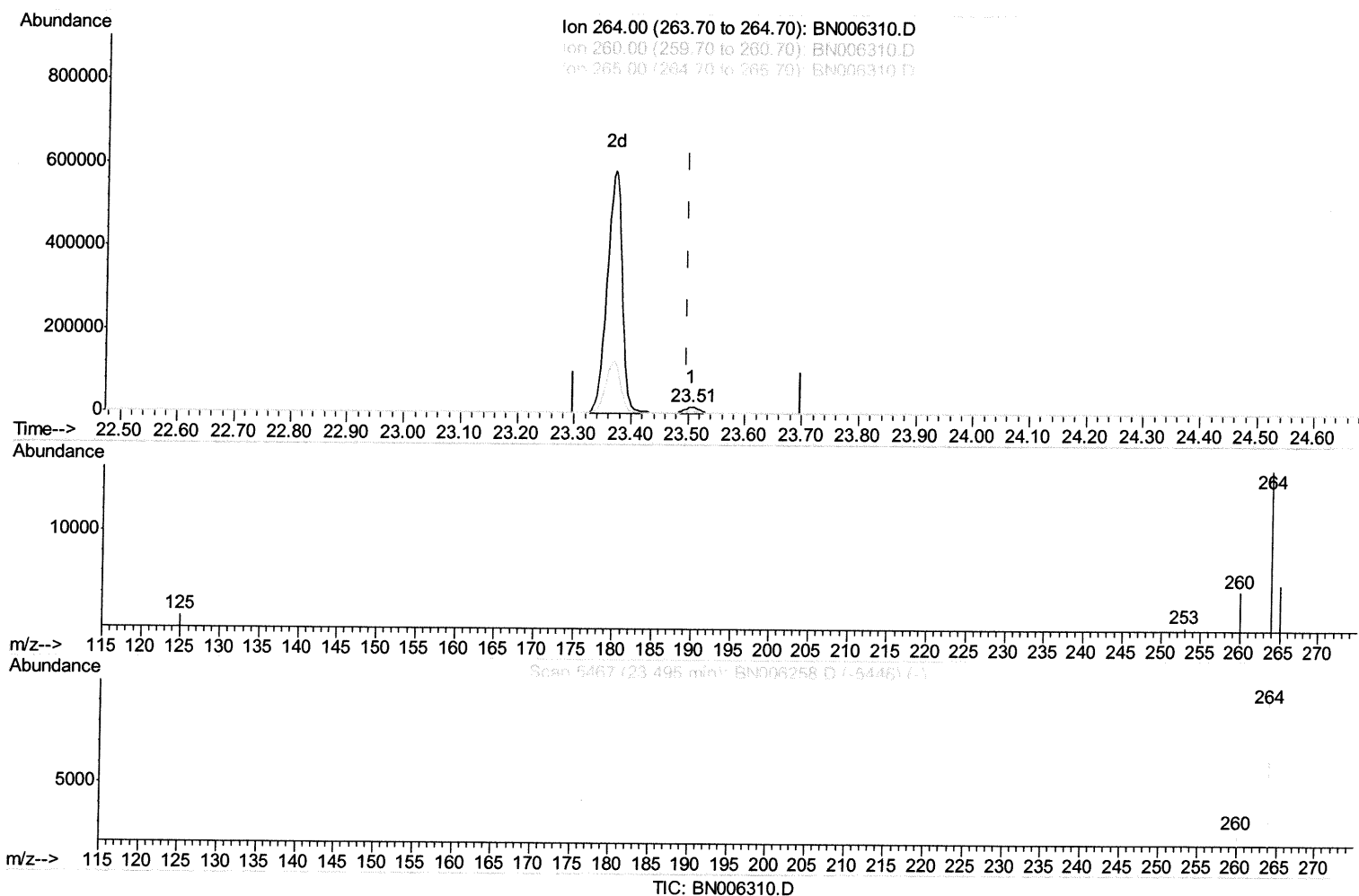
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
Data File : BN006310.D  
Acq On : 13 Jun 2019 14:35  
Operator : JU/SJ  
Sample : K3213-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DB8K0

Manual Integrations  
APPROVED

mohammad  
6/14/2019 8:49:14 AM

Quant Time: Jun 13 16:21:55 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 13 11:20:30 2019  
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.506min (+0.007) 0.40ng/ul

response 34305

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 29.20 | 26.95  |
| 265.00 | 44.70 | 30.88# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

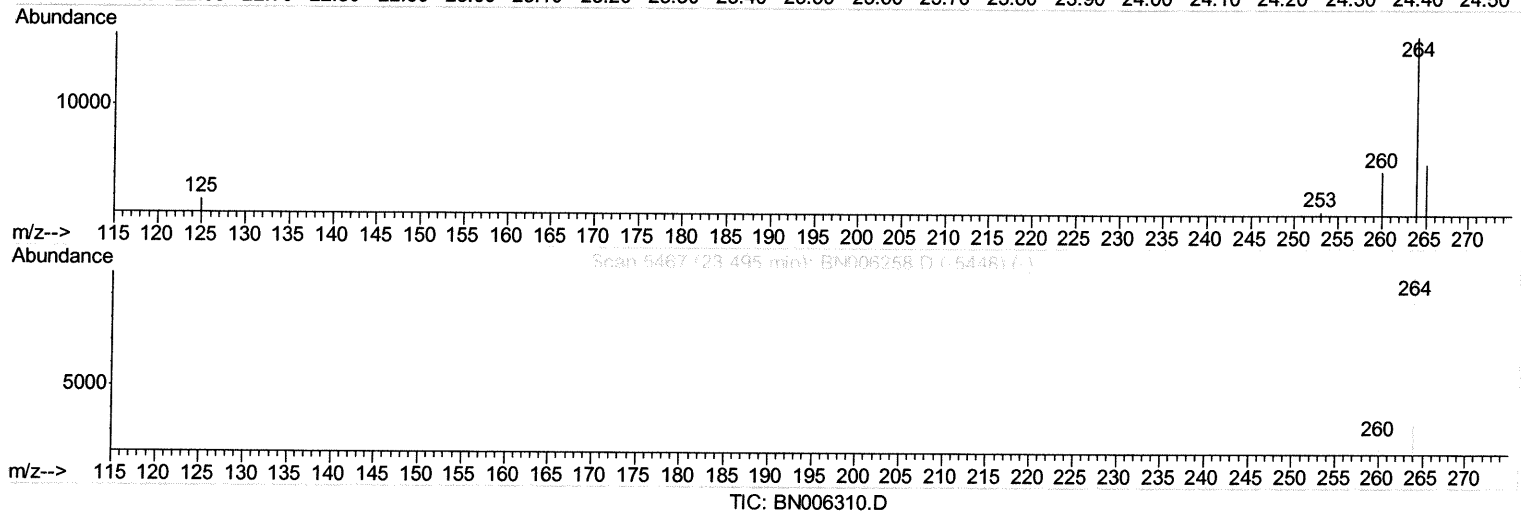
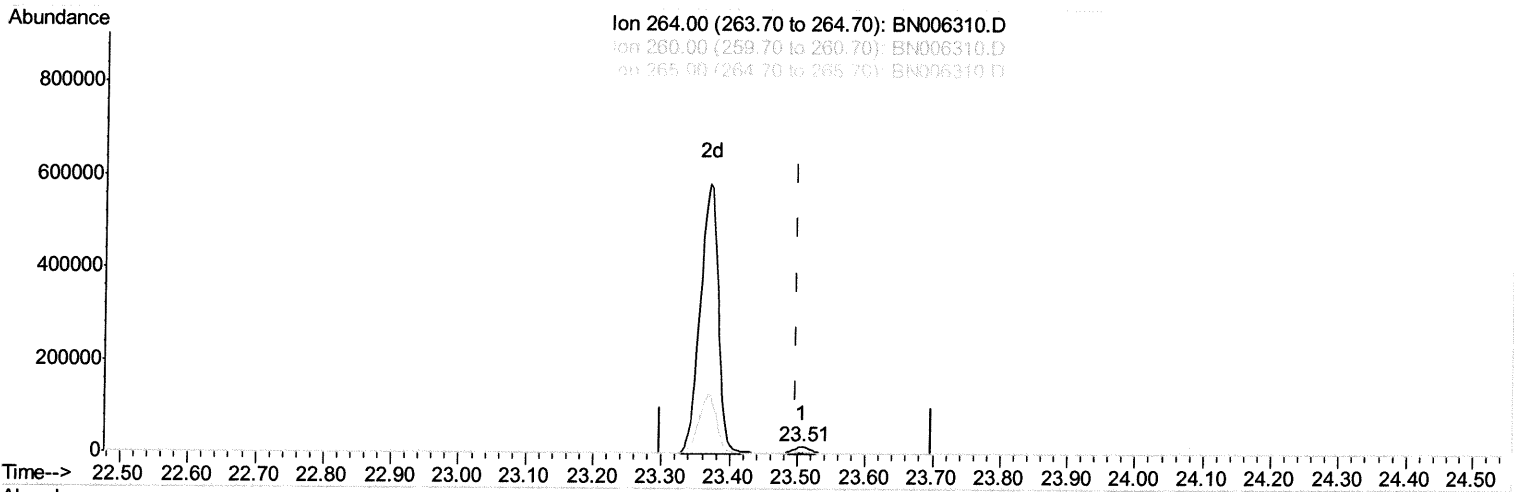
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
 Data File : BN006310.D  
 Acq On : 13 Jun 2019 14:35  
 Operator : JU/SJ  
 Sample : K3213-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB8K0

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:49:14 AM

Quant Time: Jun 13 16:21:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 11:20:30 2019  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.506min (+0.007) 0.40ng/ul m *JU 06/14/19*

response 24691

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 29.20 | 26.95  |
| 265.00 | 44.70 | 30.88# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061319\  
 Data File : BN006310.D  
 Acq On : 13 Jun 2019 14:35  
 Operator : JU/SJ  
 Sample : K3213-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB8K0

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:49:14 AM

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.64  | 152  | 9095     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 36635    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 22090    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 38693m > | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 26479m > | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 24691m > | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 11373    | 0.20  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 18539m > | 0.18  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.47 | 128  | 40192    | 0.398 | ng/ul# | 93       |
| 5) 2-Methylnaphthalene      | 12.09 | 142  | 12758    | 0.181 | ng/ul# | 1        |
| 8) Acenaphthene             | 14.36 | 153  | 3857     | 0.045 | ng/ul# | 56       |
| 9) Fluorene                 | 15.35 | 166  | 6864     | 0.069 | ng/ul# | 80       |

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

JU 06/19/19