

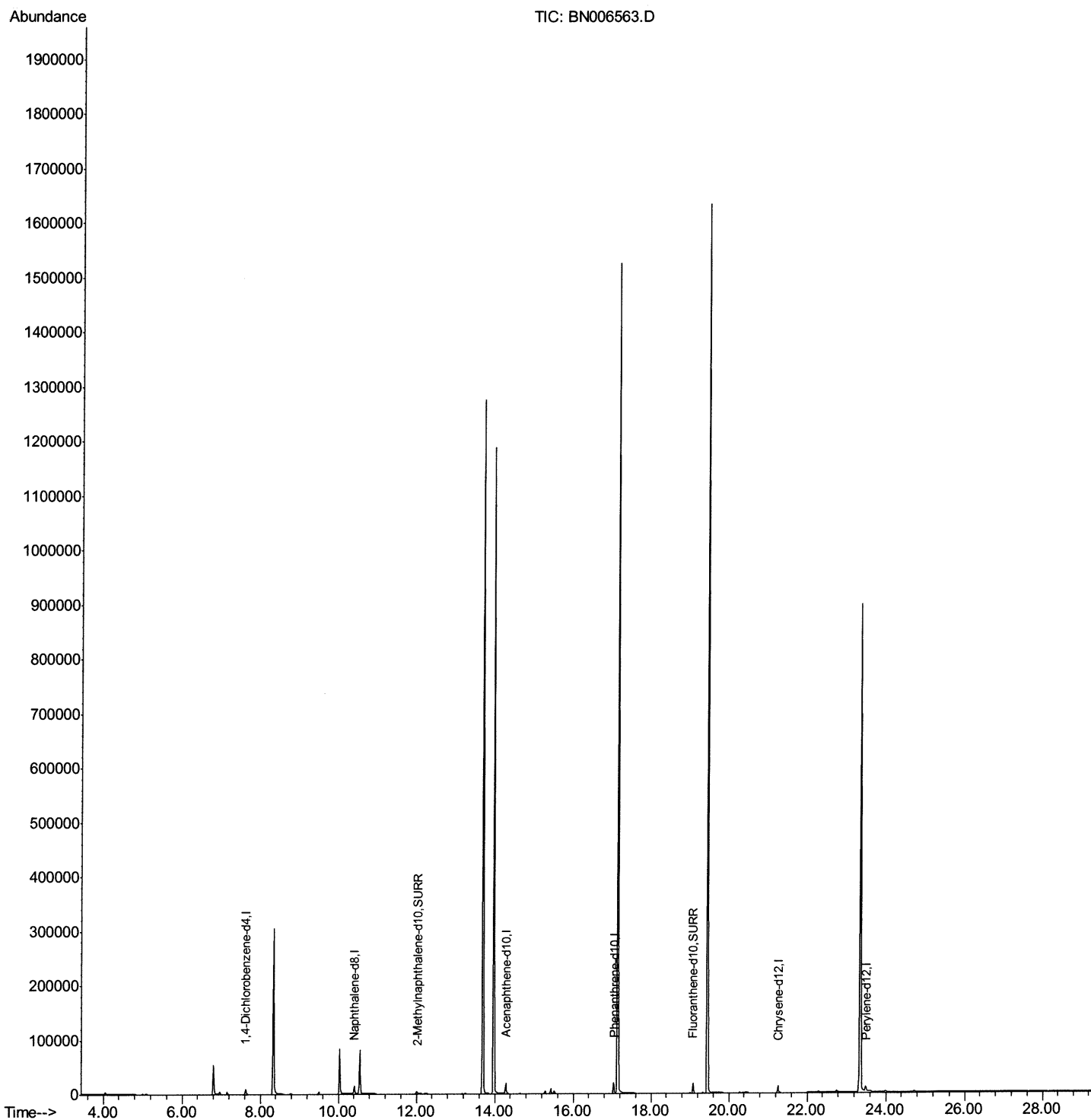
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
Data File : BN006563.D  
Acq On : 25 Jun 2019 09:52  
Operator : HP/JU  
Sample : PB120645BL  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK45

Manual Integrations  
APPROVED

mohammad  
6/25/2019 10:21:49 PM

Quant Time: Jun 25 11:56:12 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 : Tue Jun 25 07:15:41 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

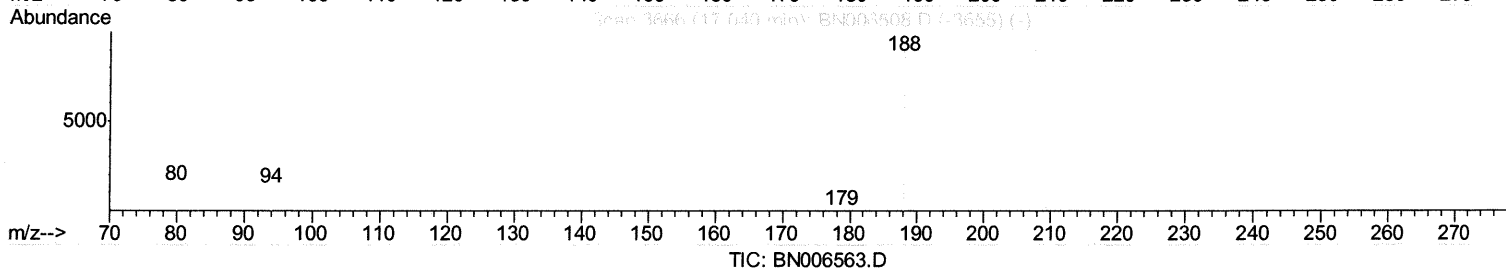
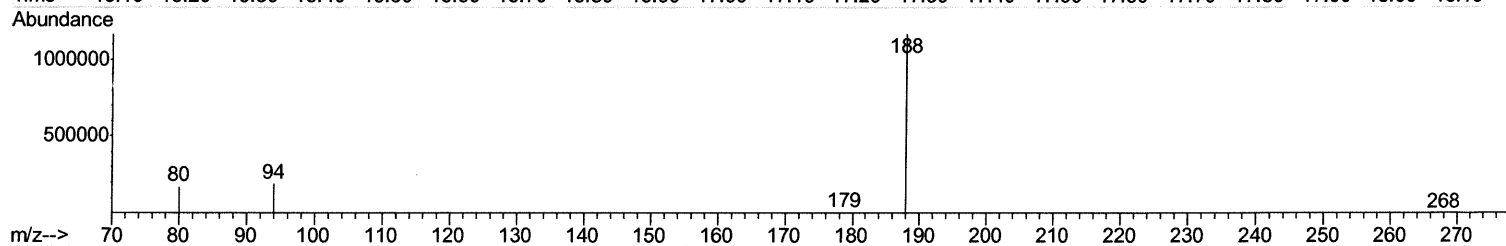
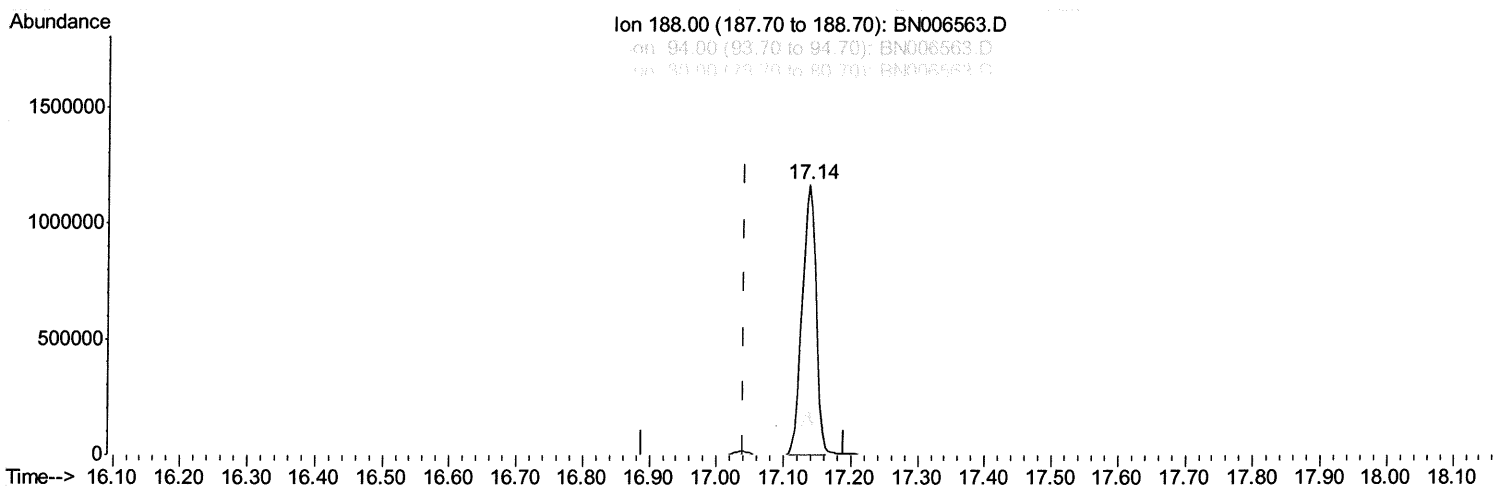
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
 Data File : BN006563.D  
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(10) Phenanthrene-d10 (I)

17.137min (+0.097) 0.40ng/ul

response 1714370

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 13.00 | 16.20# |
| 80.00  | 13.60 | 14.59  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

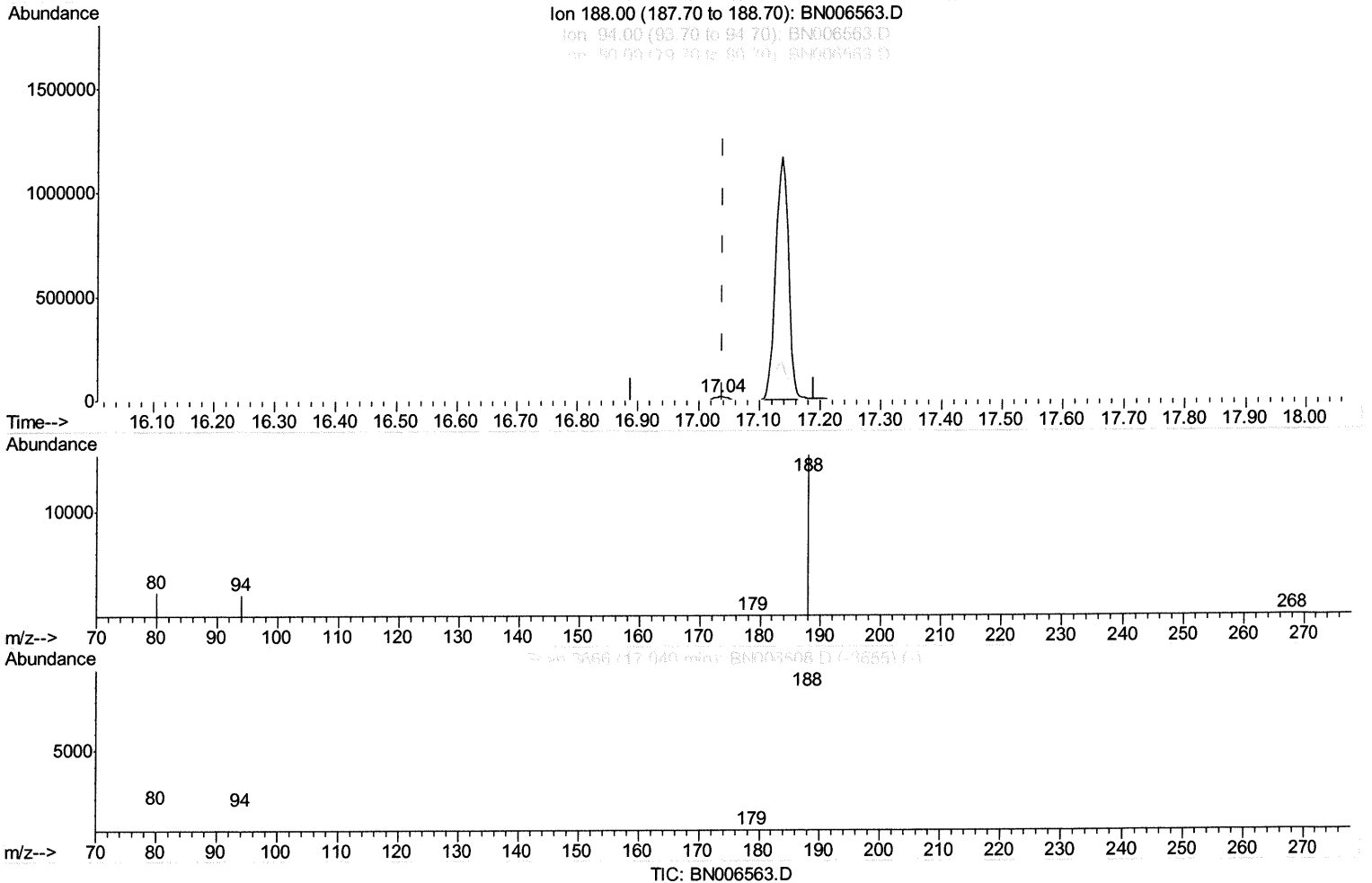
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
 Data File : BN006563.D  
 Acq On : 25 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : PB120645BL  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK45

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 10:21:49 PM

Quant Time: Jun 25 11:53:56 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 : Tue Jun 25 07:15:41 2019  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.035min (-0.004) 0.40ng/ul m

response 22907

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.00 | 13.51 |
| 80.00  | 13.60 | 15.15 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

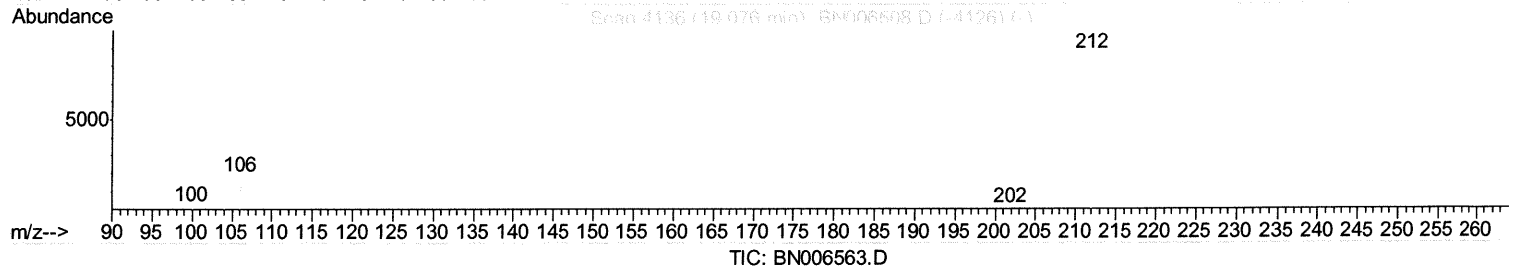
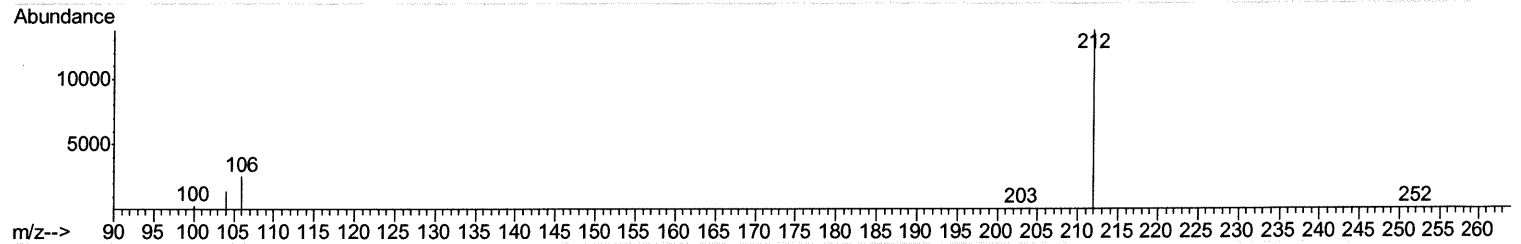
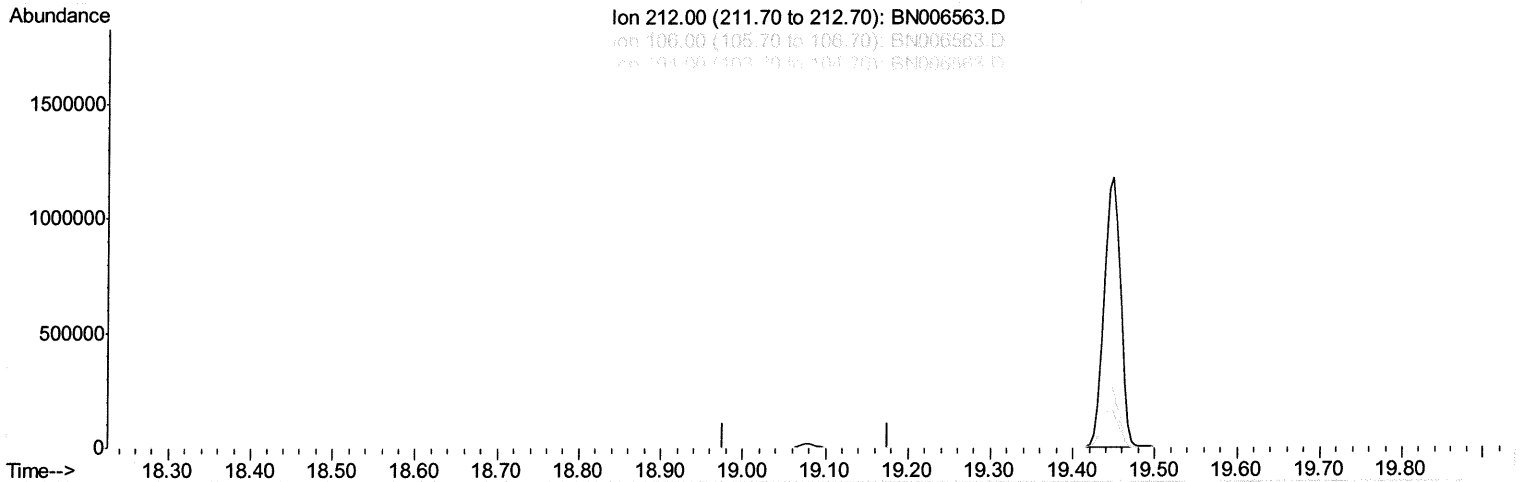
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
 Data File : BN006563.D  
 Acq On : 25 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : PB120645BL  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK45

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 10:21:49 PM

Quant Time: Jun 25 11:54:24 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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(14) Fluoranthene-d10 (SURR)

19.076min (-19.076) 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)

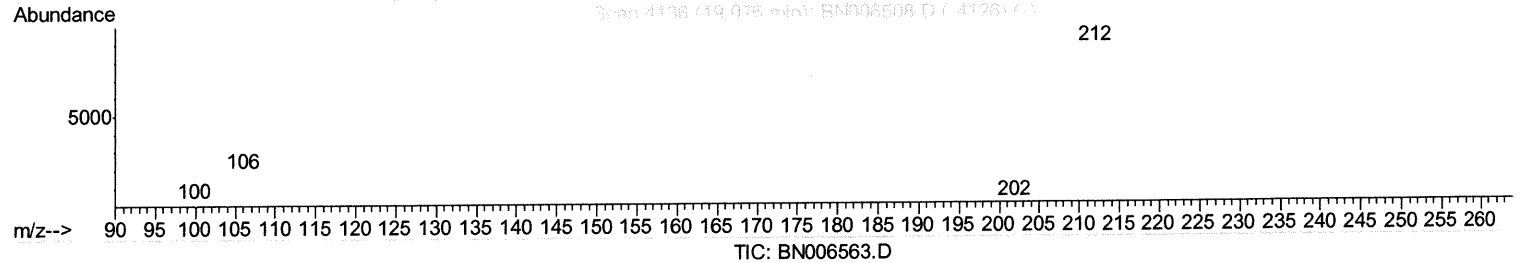
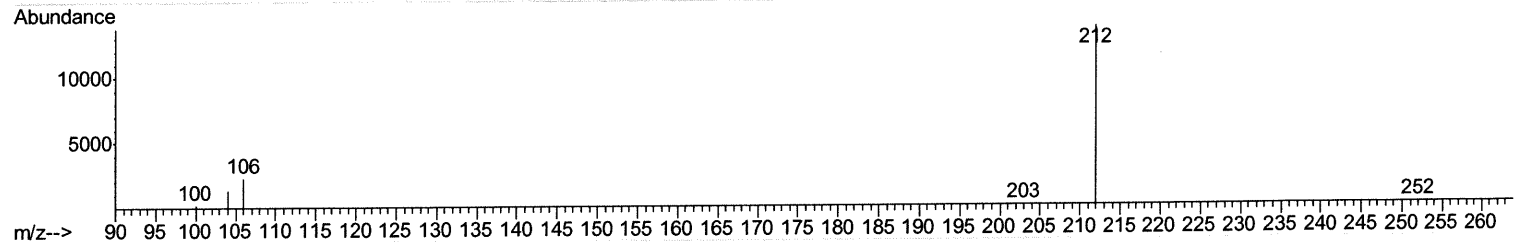
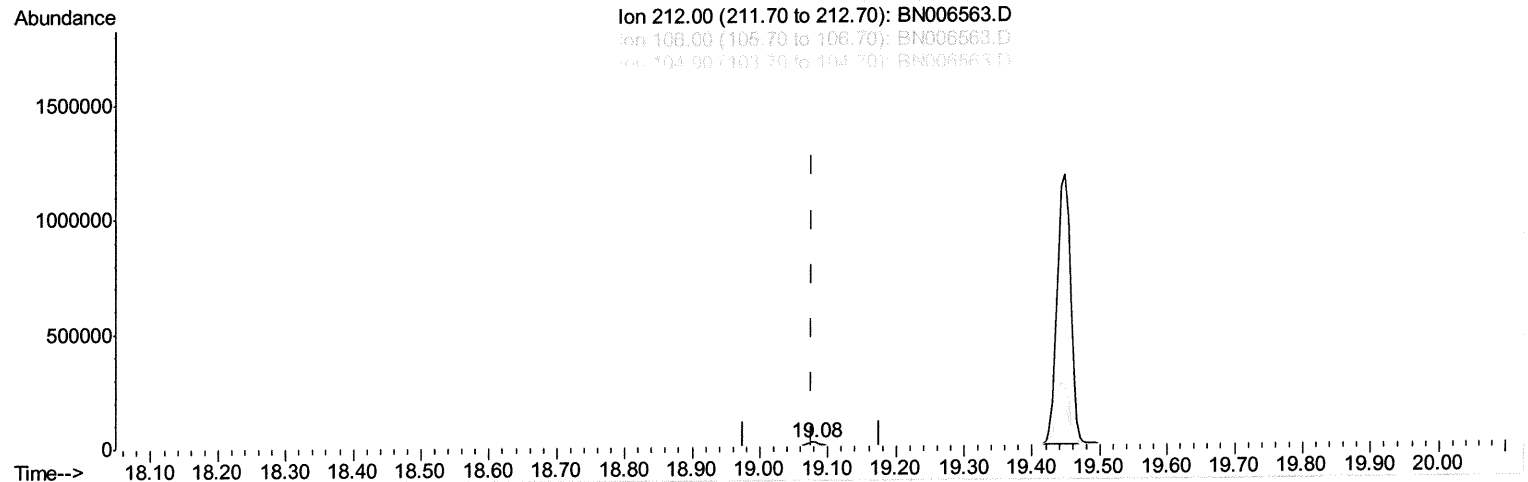
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
 Data File : BN006563.D  
 Acq On : 25 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : PB120645BL  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK45

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 10:21:49 PM

Quant Time: Jun 25 11:54:24 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
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 QLast Update : Tue Jun 25 07:15:41 2019  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.081min (+0.005) 0.31ng/ul m <sup>JU</sup> 06/26/19

response 19321

| 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)

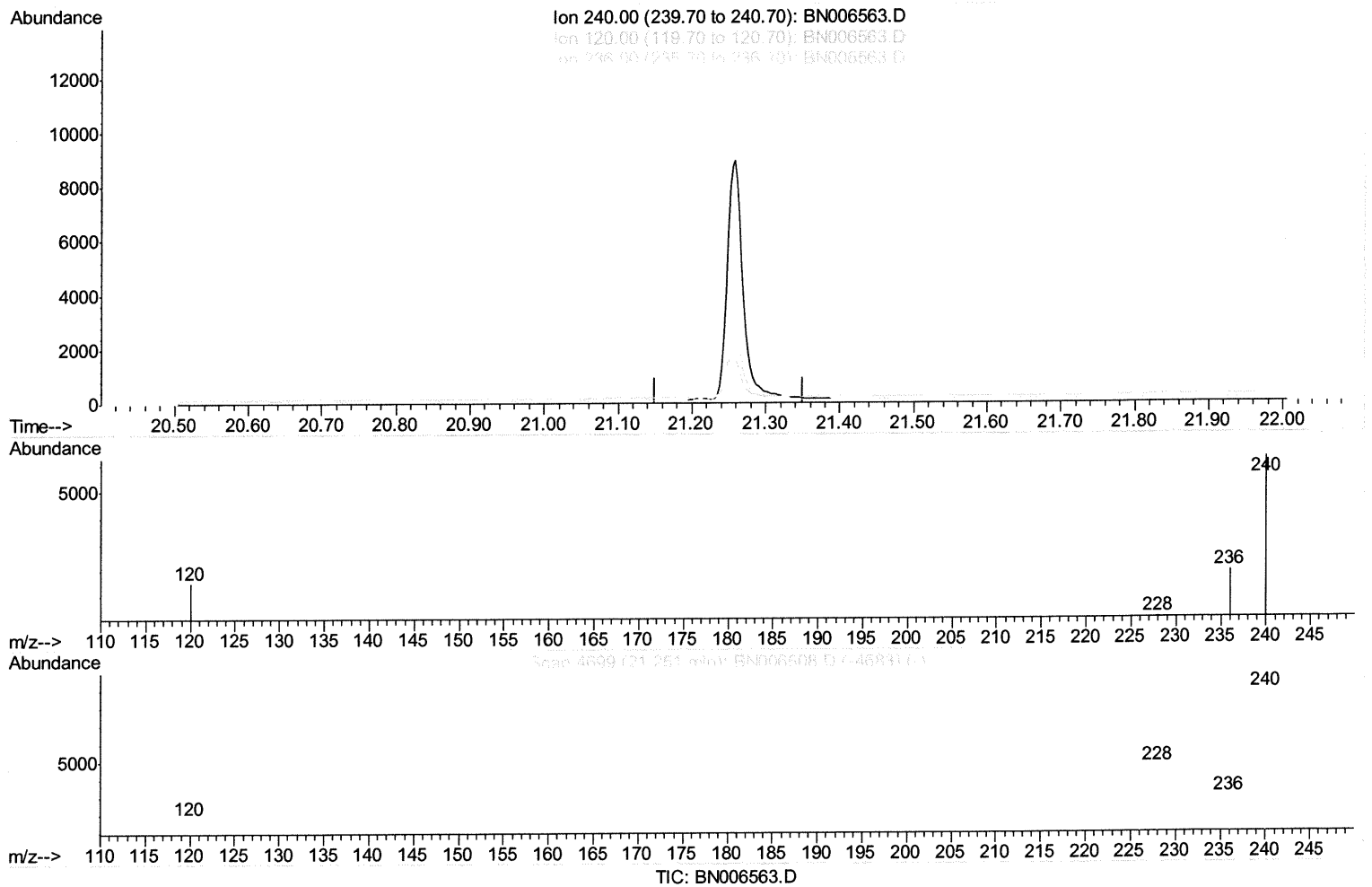
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
 Data File : BN006563.D  
 Acq On : 25 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : PB120645BL  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK45

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 10:21:49 PM

Quant Time: Jun 25 11:54:24 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 : Tue Jun 25 07:15:41 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.251min (-21.251) 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)

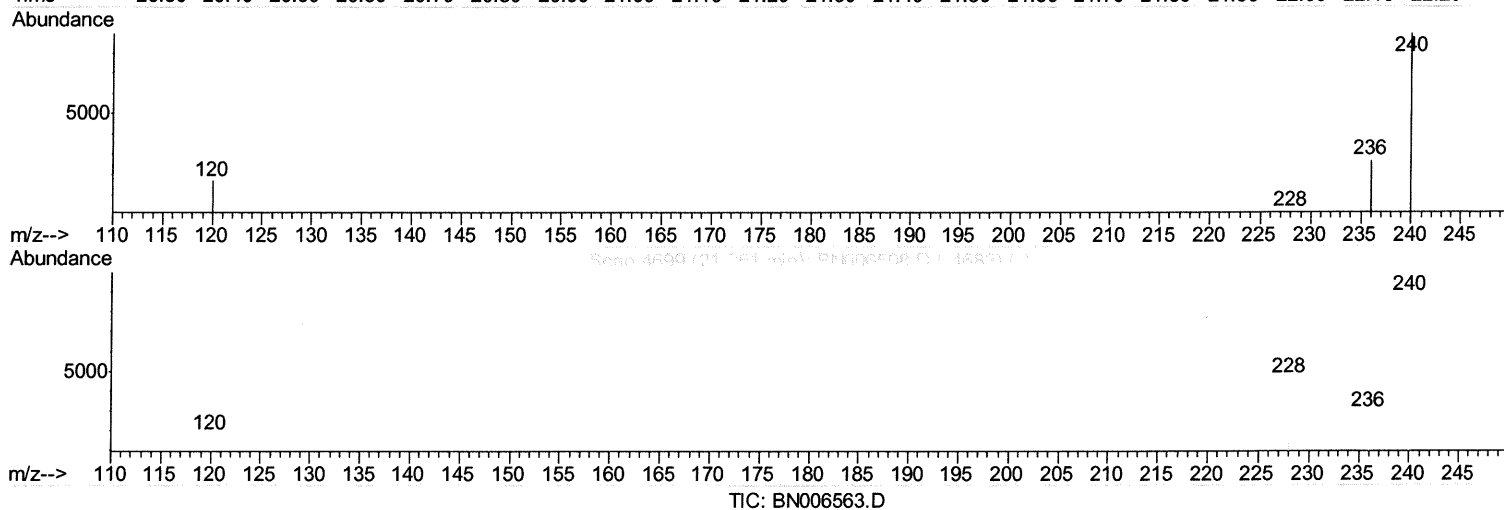
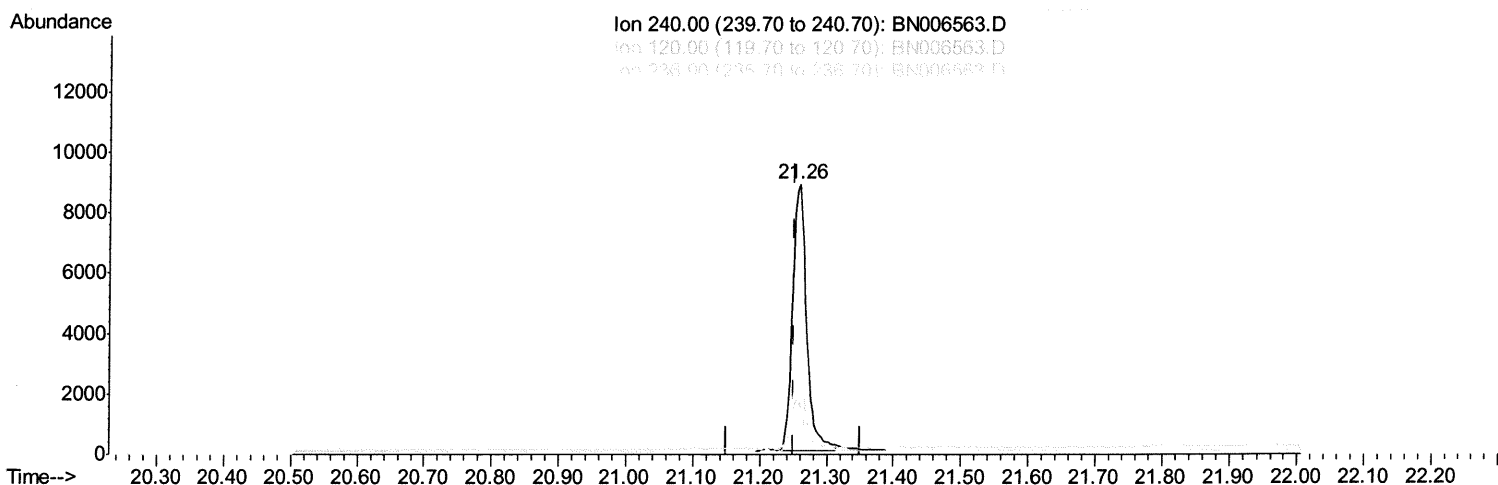
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
 Data File : BN006563.D  
 Acq On : 25 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : PB120645BL  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK45

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 10:21:49 PM

Quant Time: Jun 25 11:54:24 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
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 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.258min (+0.007) 0.40ng/ul m

JU  
 06/26/19

response 12806

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.10 | 18.69 |
| 236.00 | 30.10 | 30.14 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

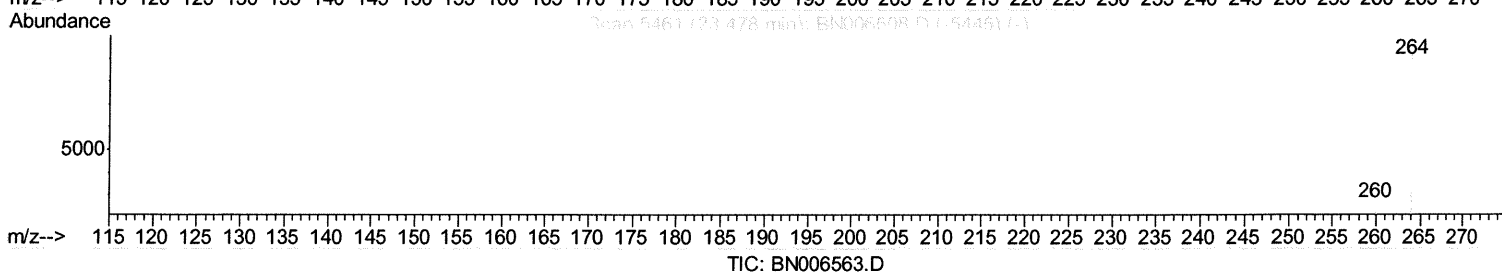
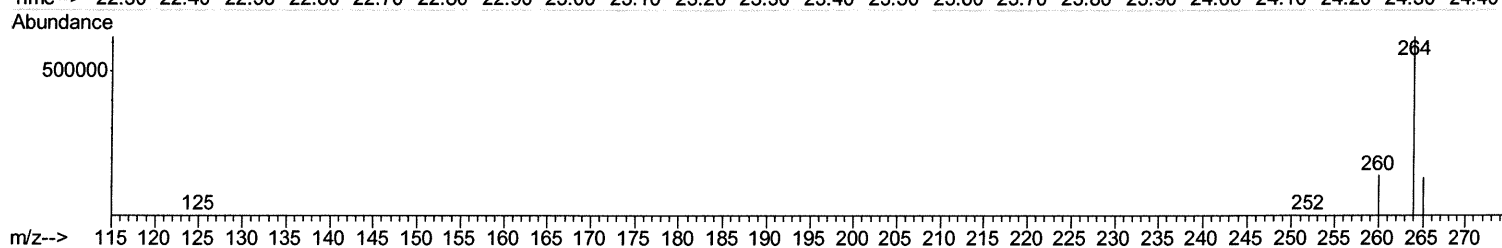
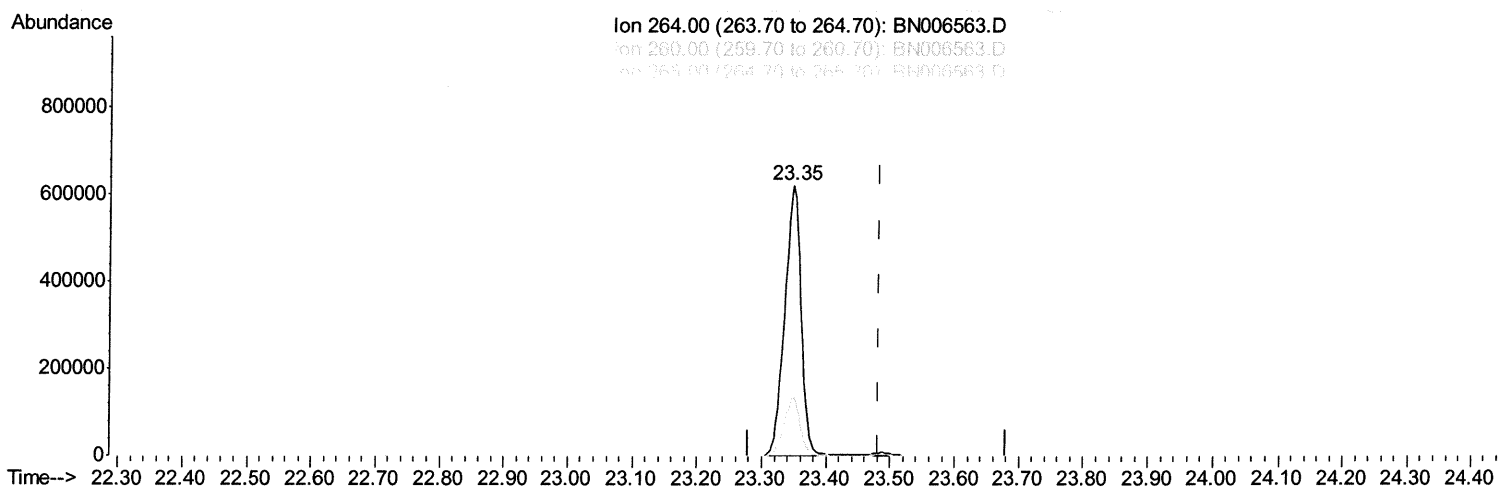
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
 Data File : BN006563.D  
 Acq On : 25 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : PB120645BL  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK45

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 10:21:49 PM

Quant Time: Jun 25 11:55:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
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(20) Perylene-d12 (I)

23.348min (-0.133) 0.40ng/ul

response 1104298

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 29.20 | 22.61# |
| 265.00 | 44.70 | 21.50# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

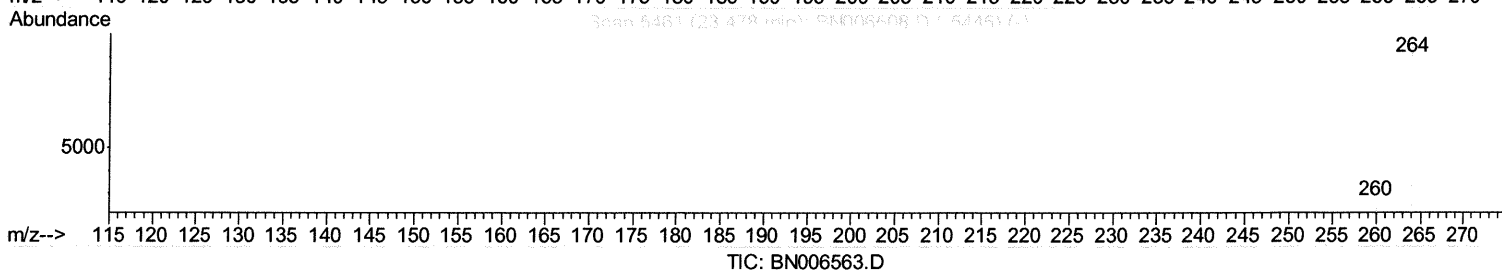
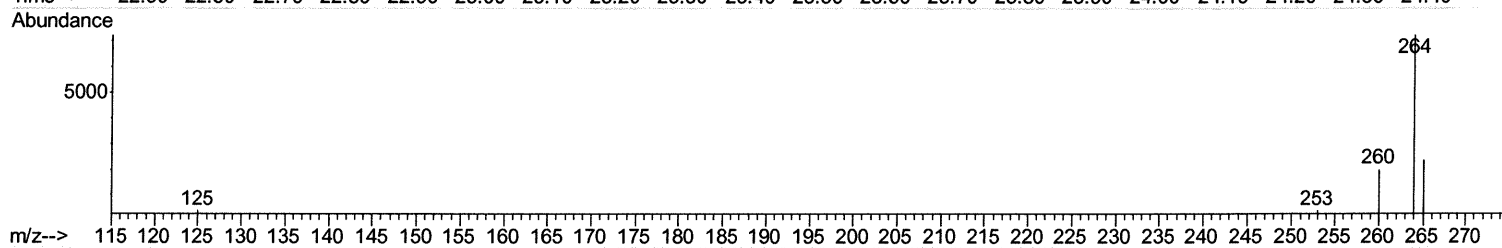
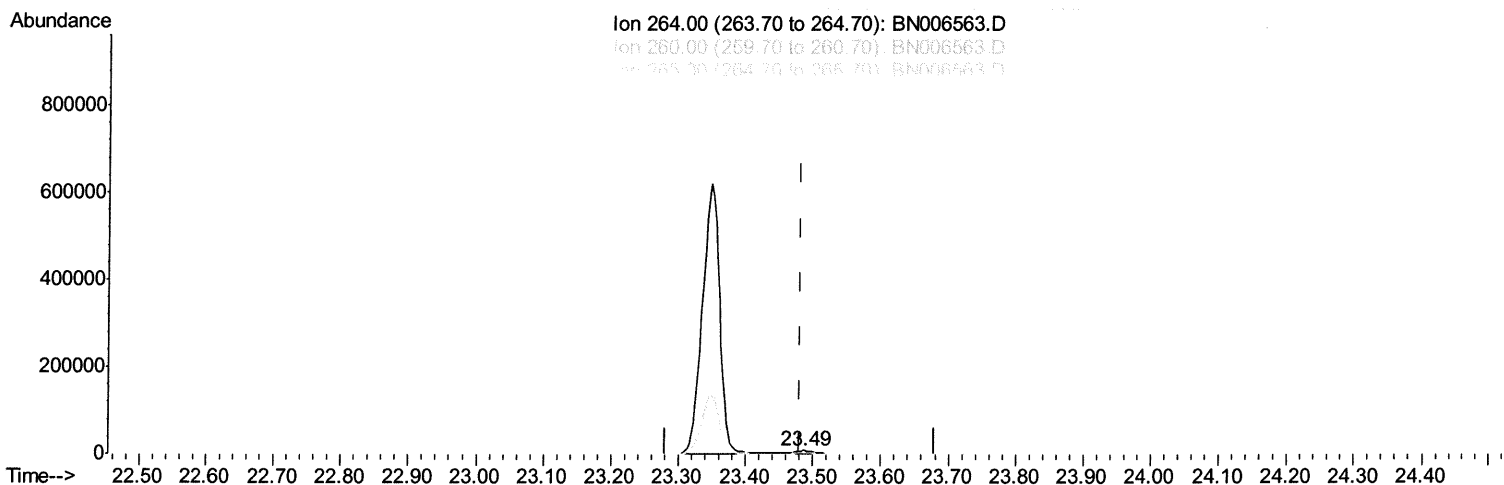
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
 Data File : BN006563.D  
 Acq On : 25 Jun 2019 09:52  
 Operator : HP/JU  
 Sample : PB120645BL  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK45

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 10:21:49 PM

Quant Time: Jun 25 11:55:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
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(20) Perylene-d12 (I)

23.485min (+0.005) 0.40ng/ul m JU 06/26/19

response 11001

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 29.20 | 27.53  |
| 265.00 | 44.70 | 32.30# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062419\  
Data File : BN006563.D  
Acq On : 25 Jun 2019 09:52  
Operator : HP/JU  
Sample : PB120645BL  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK45

Manual Integrations  
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mohammad  
6/25/2019 10:21:49 PM

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 5448     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.41 | 136  | 20349    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.28 | 164  | 11402    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.04 | 188  | 22907m > | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.26 | 240  | 12806m > | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.49 | 264  | 11001m > | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |          |      |       |      |
|----------------------------|-------|-----|----------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 12.01 | 152 | 8878     | 0.28 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.08 | 212 | 19321m > | 0.31 | ng/ul | 0.00 |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

JU 06/26/19

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