

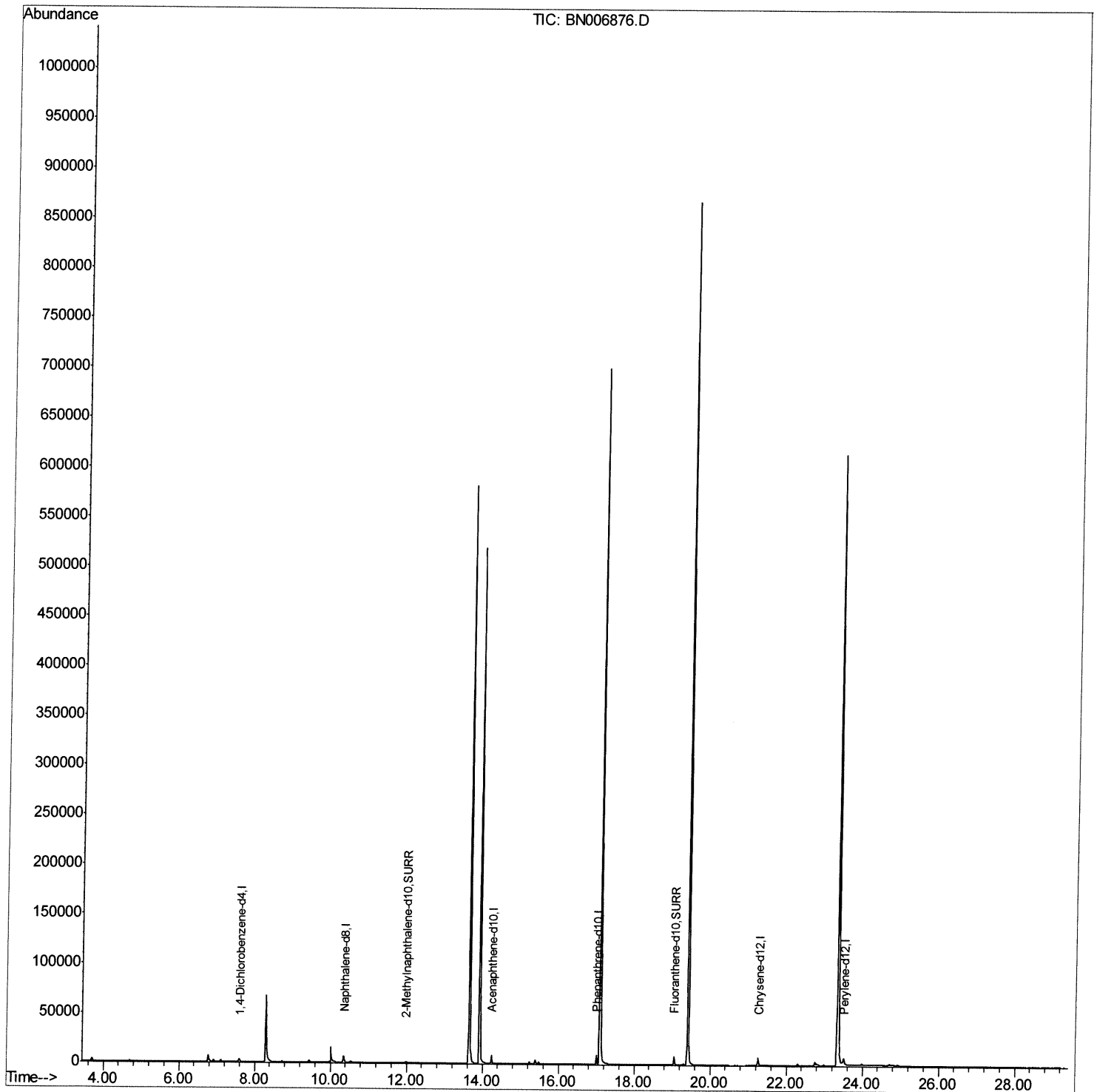
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006876.D  
Acq On : 17 Jul 2019 17:11  
Operator : HP/JU  
Sample : K3772-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52P4

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:27:24 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 06:39:20 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

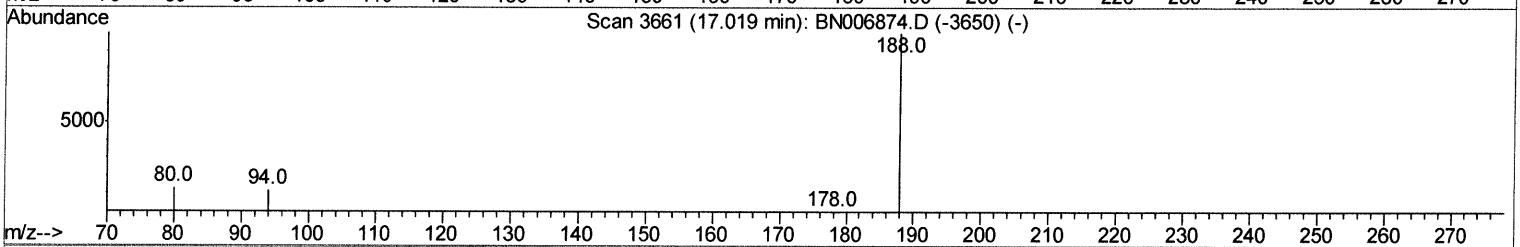
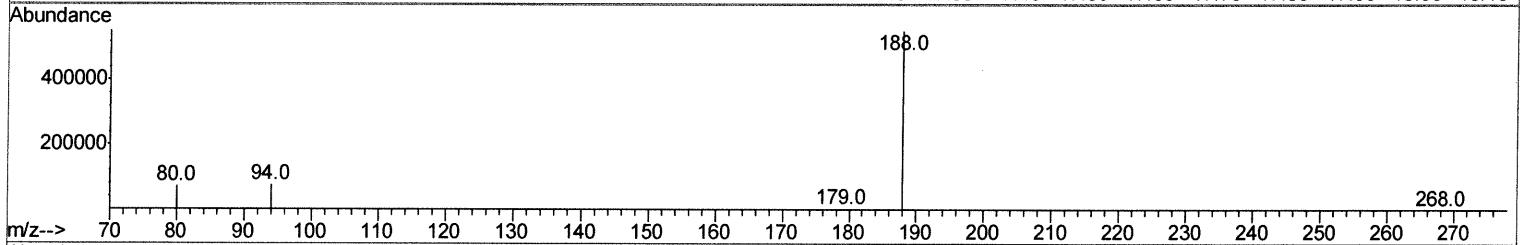
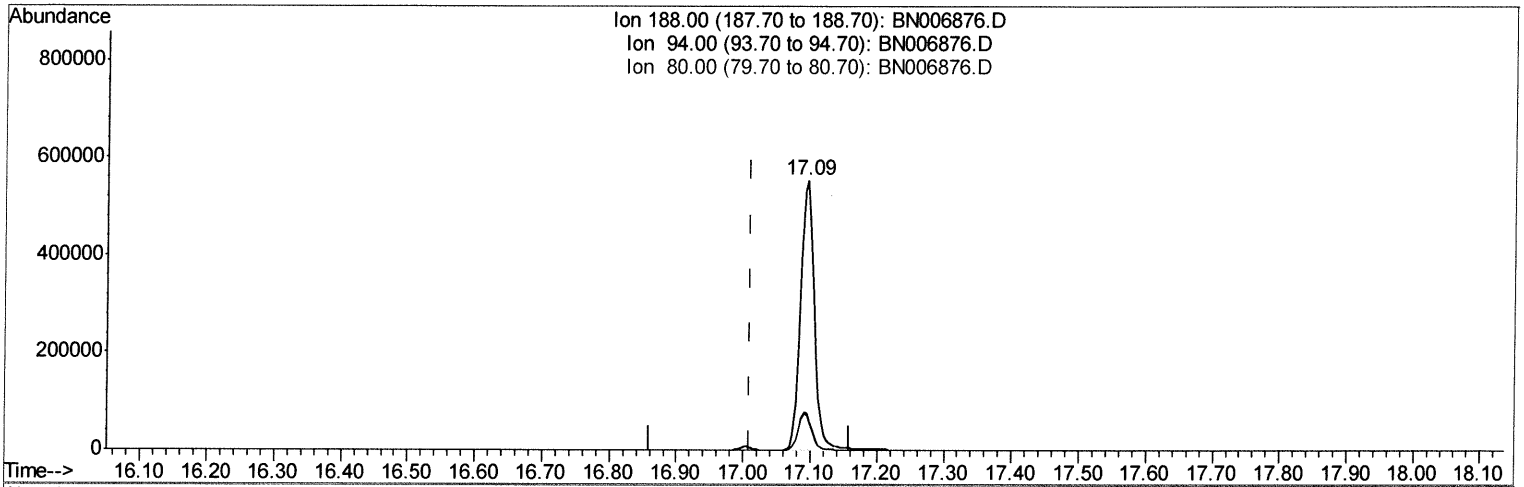
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
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 A52P4

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:08:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 06:39:20 2019  
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TIC: BN006876.D

(10) Phenanthrene-d10 (I)  
 17.094min (+0.084) 0.40ng/ul

response 780512

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.62 |
| 80.00  | 14.80 | 12.84 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

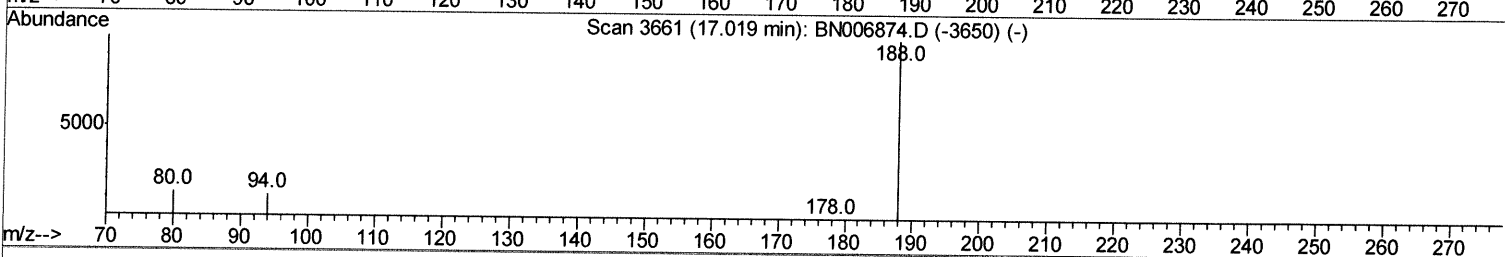
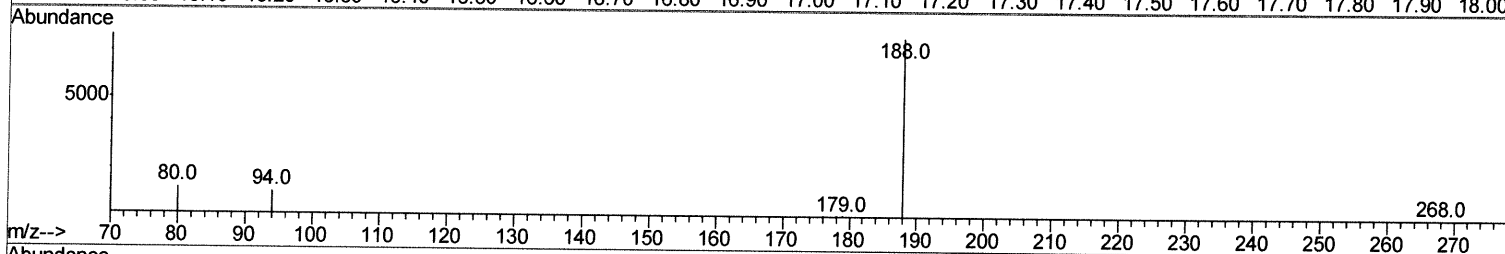
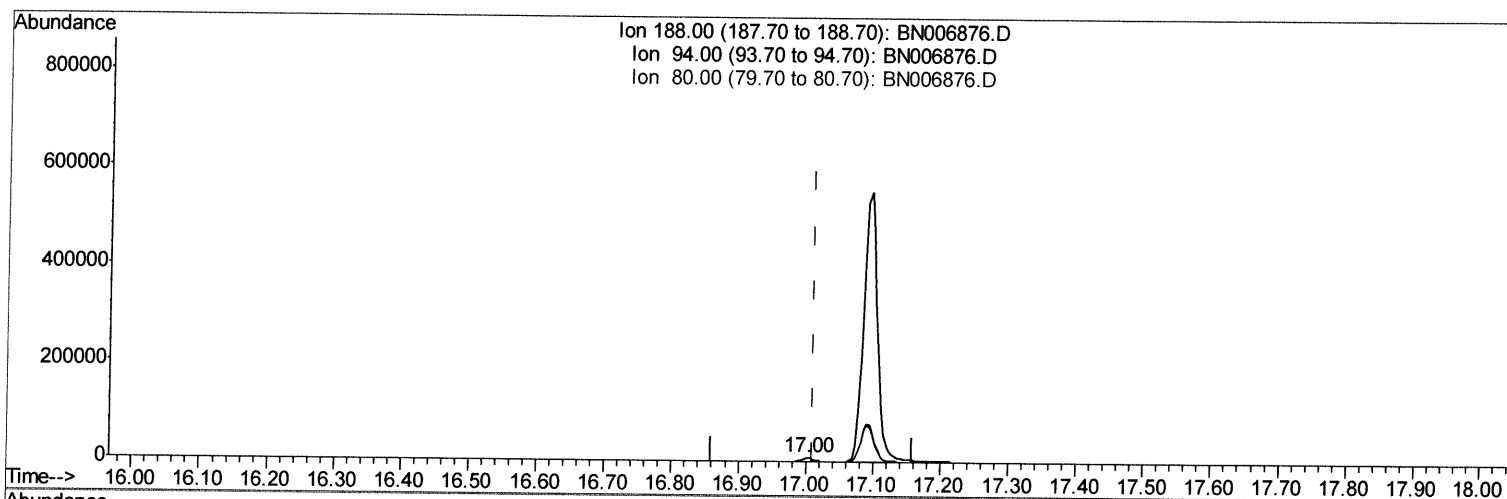
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006876.D  
Acq On : 17 Jul 2019 17:11  
Operator : HP/JU  
Sample : K3772-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52P4

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:08:26 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 06:39:20 2019  
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TIC: BN006876.D

(10) Phenanthrene-d10 (I)

17.002min (-0.009) 0.40ng/ul m *JU* 07/18/19

response 10589

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.12 |
| 80.00  | 14.80 | 15.18 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

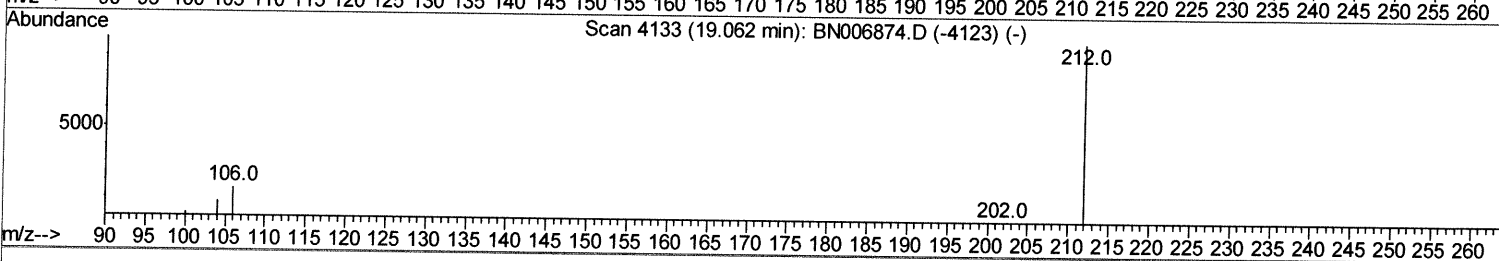
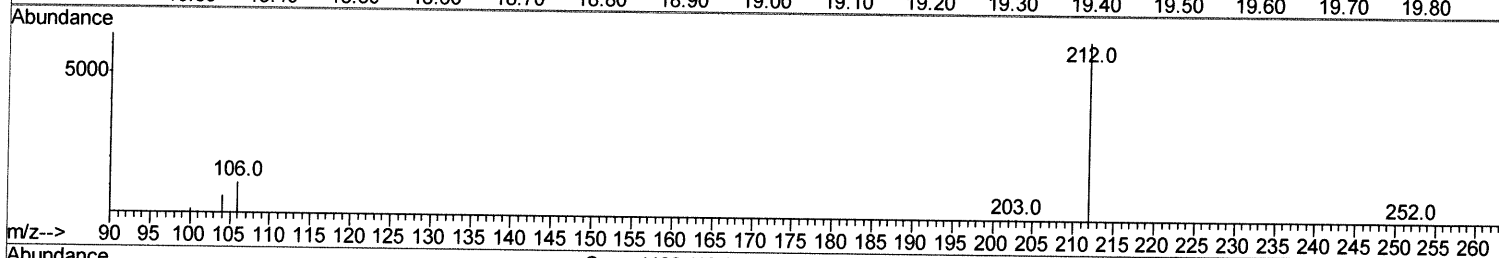
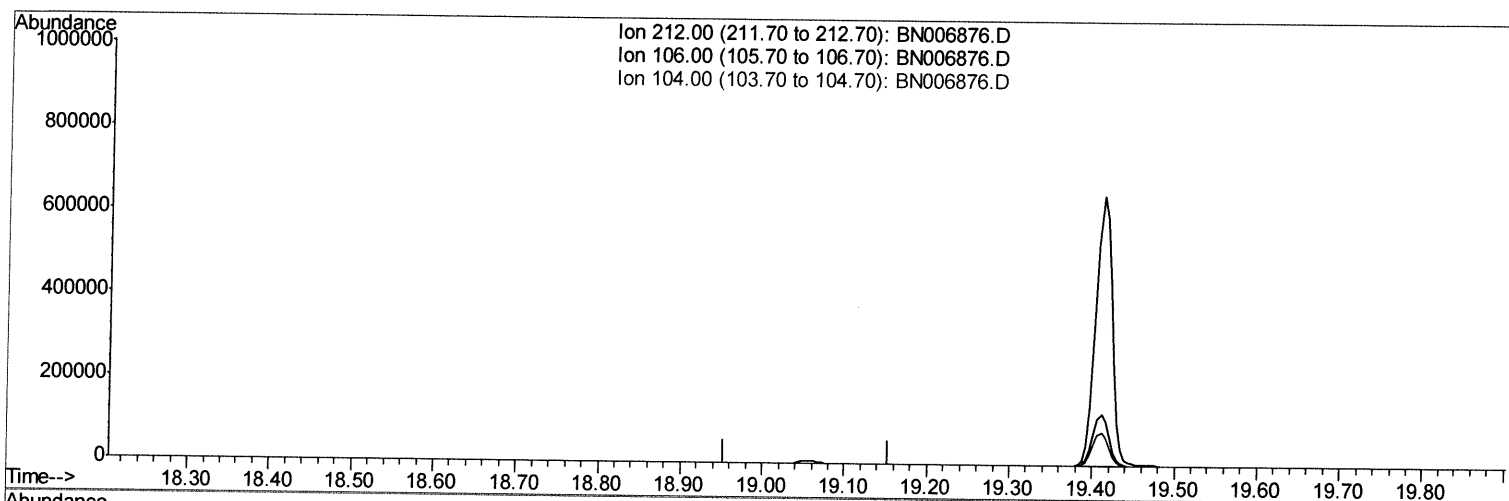
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006876.D  
Acq On : 17 Jul 2019 17:11  
Operator : HP/JU  
Sample : K3772-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52P4

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:24:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 06:39:20 2019  
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(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 17.80 | 0.00# |
| 104.00 | 9.70  | 0.00# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

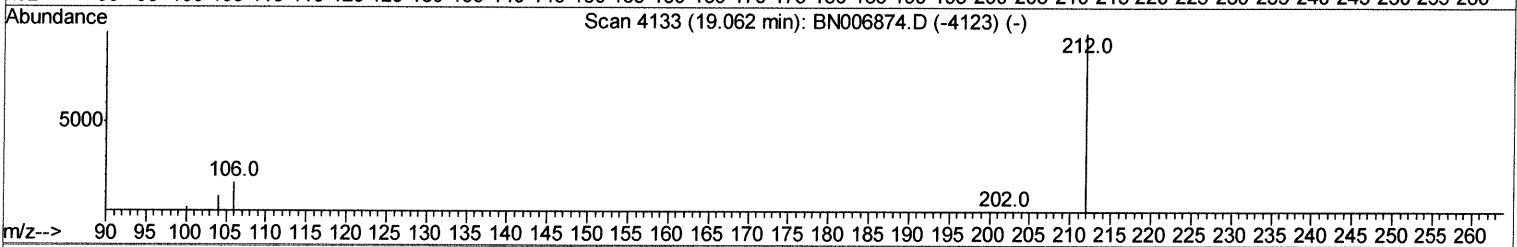
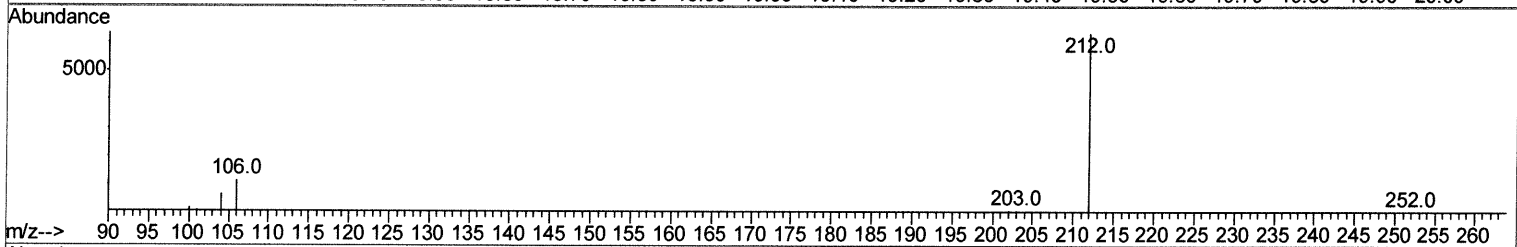
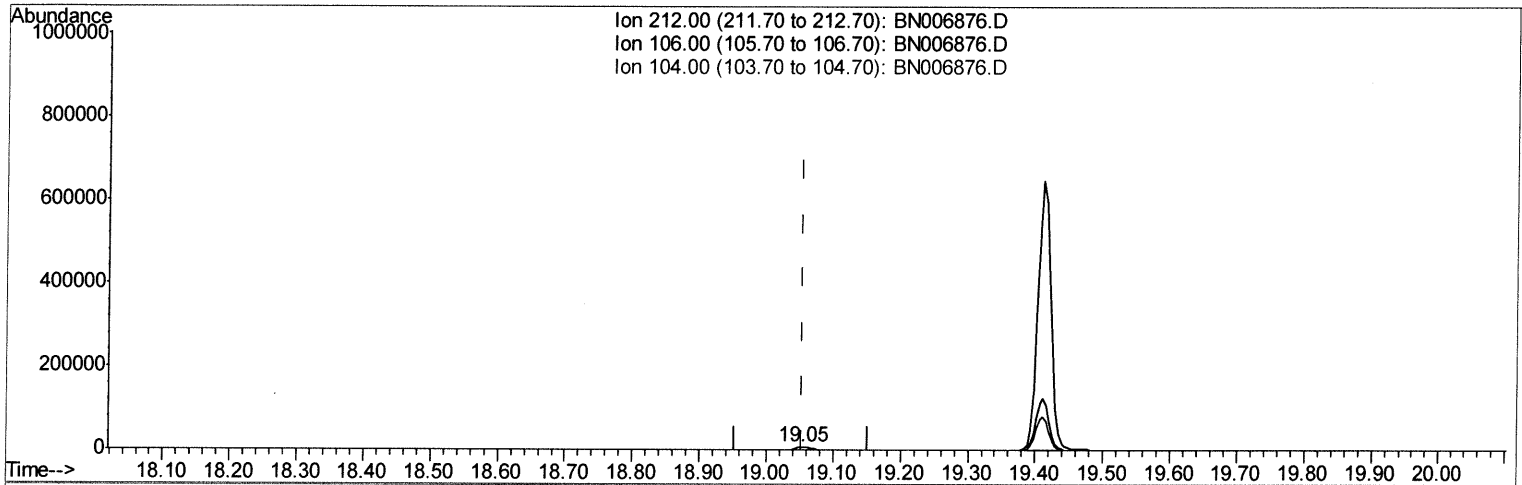
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006876.D  
Acq On : 17 Jul 2019 17:11  
Operator : HP/JU  
Sample : K3772-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52P4

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:24:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 06:39:20 2019  
Response via : Initial Calibration



TIC: BN006876.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.000) 0.31ng/ul m

response 9595

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 17.80 | 0.00# |
| 104.00 | 9.70  | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

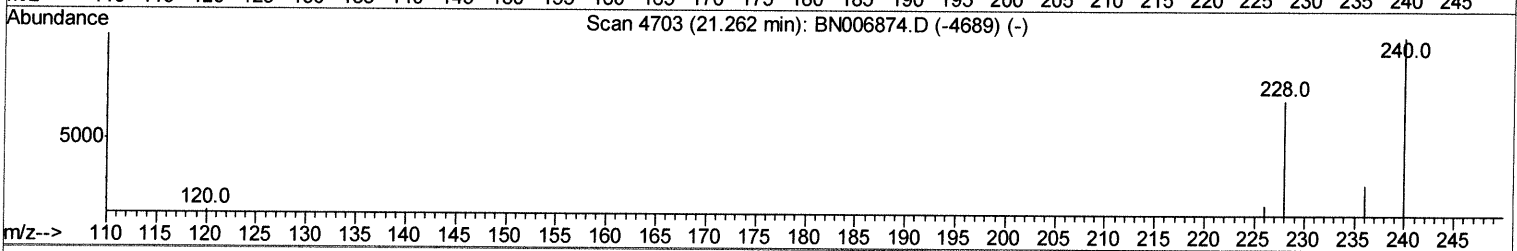
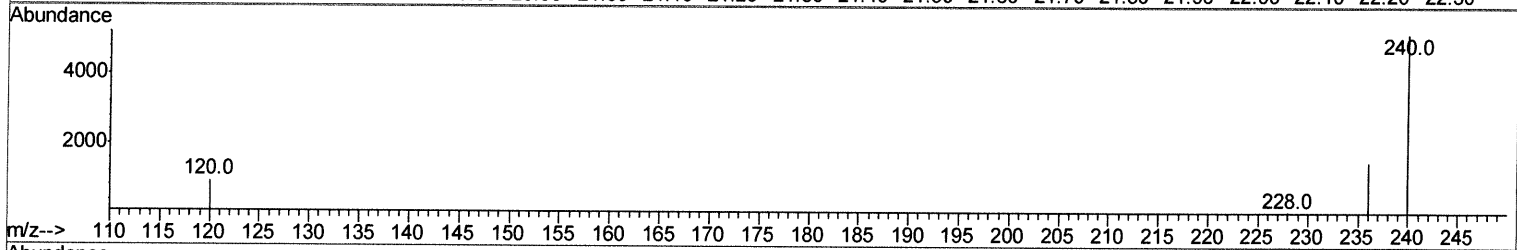
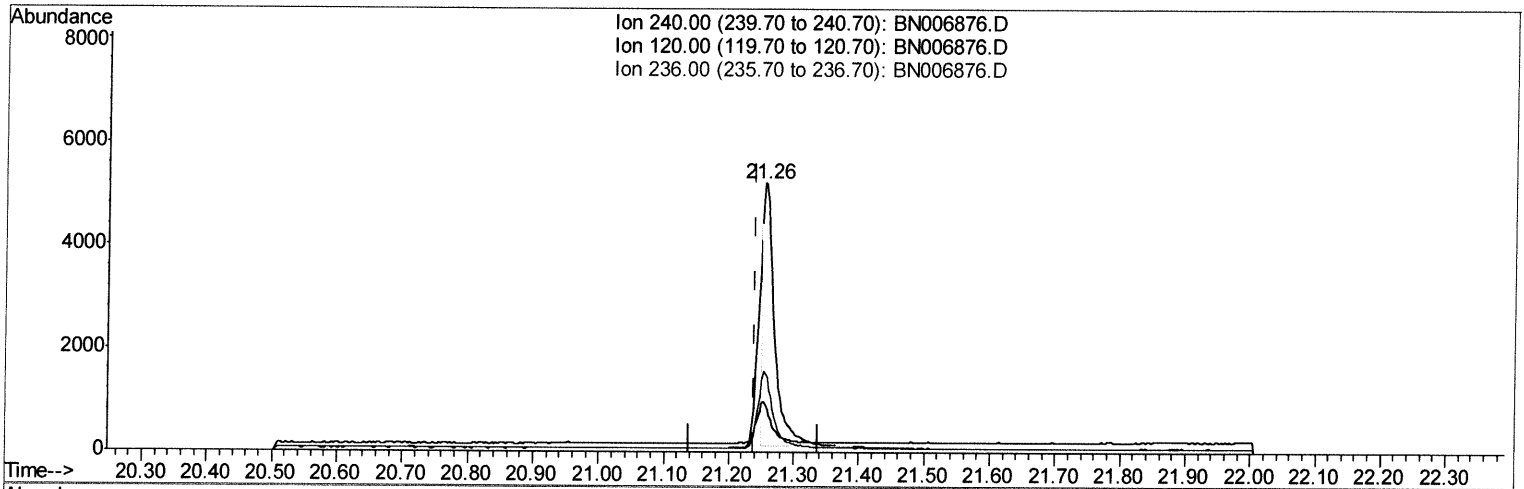
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006876.D  
 Acq On : 17 Jul 2019 17:11  
 Operator : HP/JU  
 Sample : K3772-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52P4

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:25:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 06:39:20 2019  
 Response via : Initial Calibration



TIC: BN006876.D

(16) Chrysene-d12 (I)  
 21.255min (+0.016) 0.40ng/ul  
 response 6238

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.20 | 17.81 |
| 236.00 | 30.00 | 29.29 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

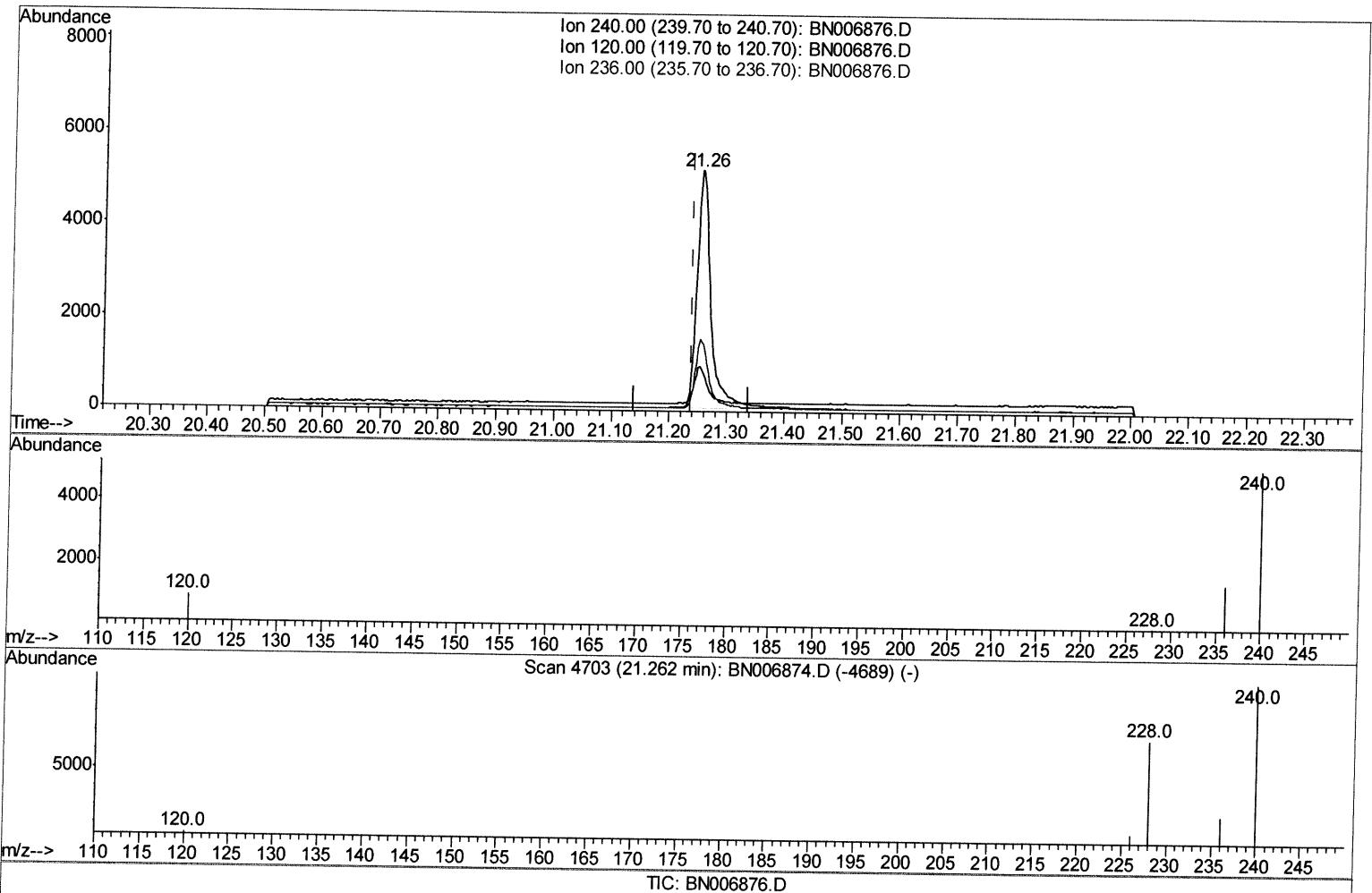
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006876.D  
 Acq On : 17 Jul 2019 17:11  
 Operator : HP/JU  
 Sample : K3772-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52P4

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:25:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 06:39:20 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.255min (+0.016) 0.40ng/ul m *Ju 07/18/19*

response 8691

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.20 | 17.81 |
| 236.00 | 30.00 | 29.29 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

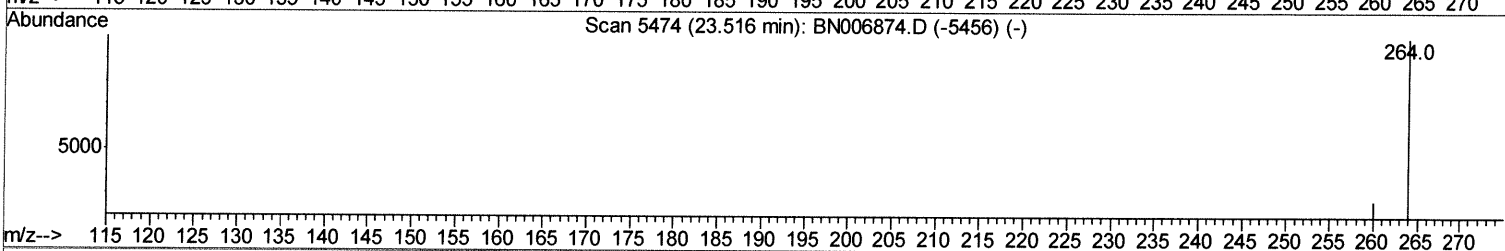
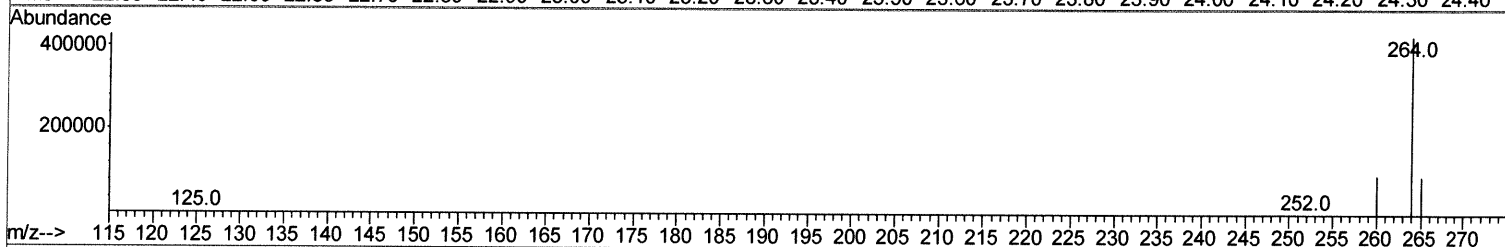
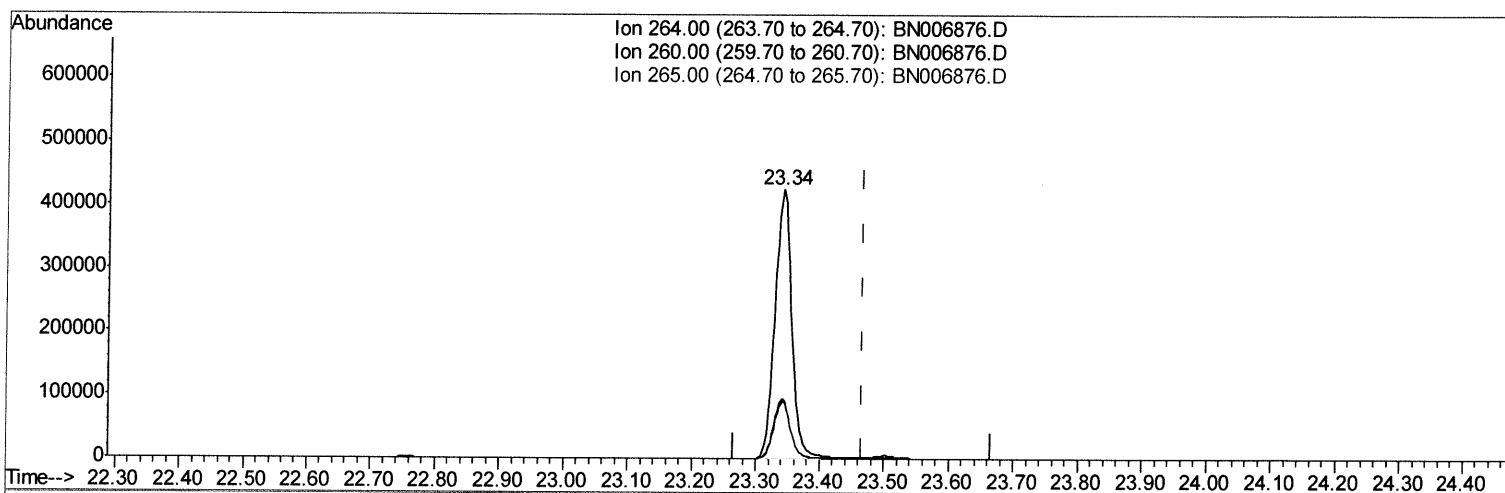
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006876.D  
Acq On : 17 Jul 2019 17:11  
Operator : HP/JU  
Sample : K3772-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A52P4

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:26:15 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
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TIC: BN006876.D

(20) Perylene-d12 (I)

23.342min (-0.124) 0.40ng/ul

response 788406

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.42  |
| 265.00 | 36.10 | 21.45# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

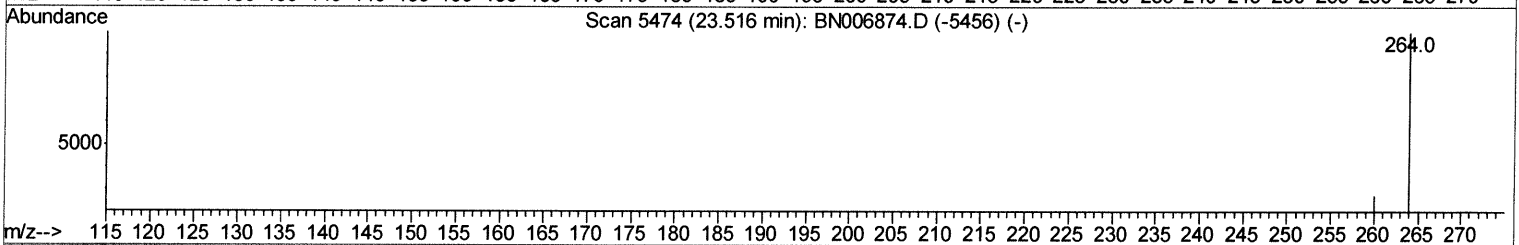
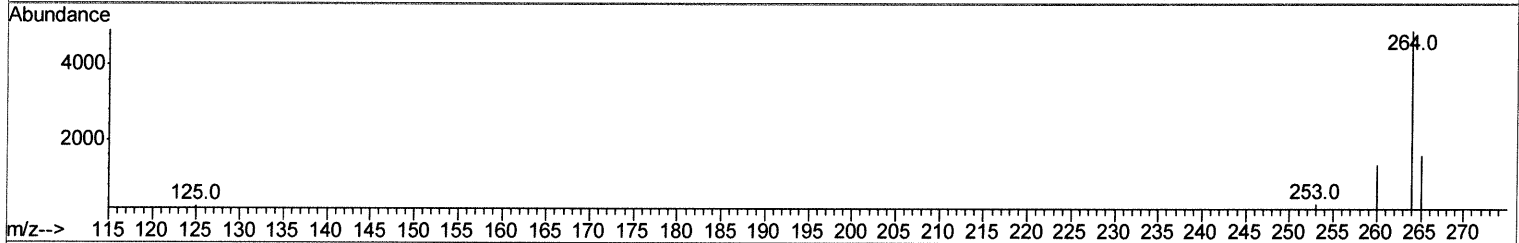
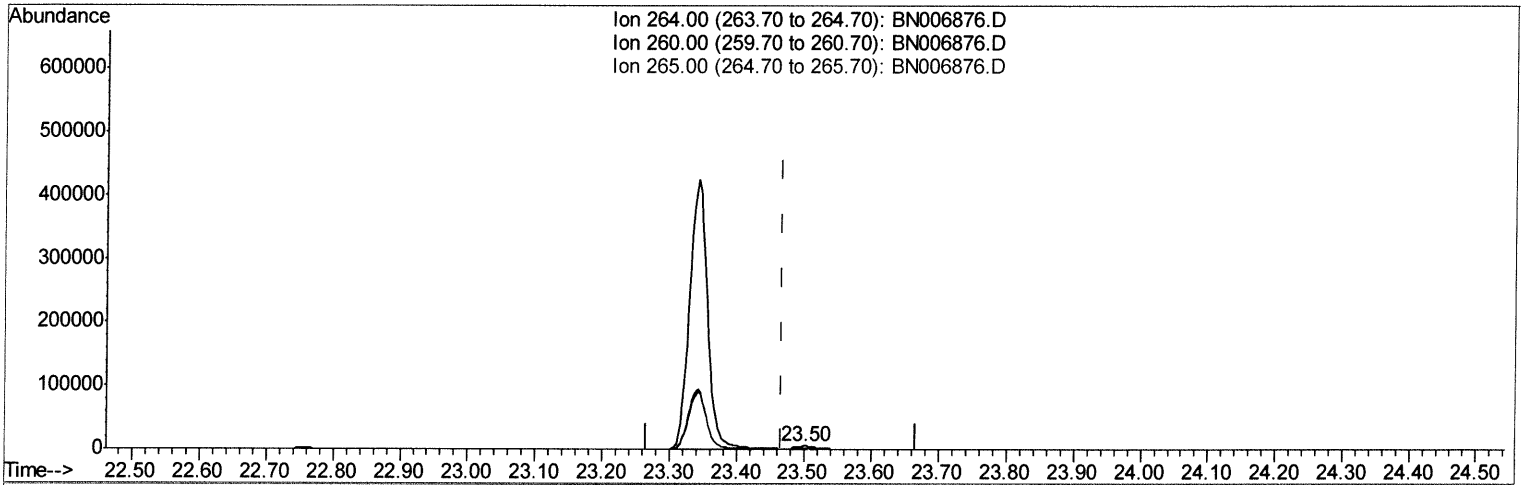
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006876.D  
 Acq On : 17 Jul 2019 17:11  
 Operator : HP/JU  
 Sample : K3772-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52P4

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:53:59 AM

Quant Time: Jul 18 01:26:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
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 Response via : Initial Calibration



TIC: BN006876.D

(20) Perylene-d12 (I)

23.500min (+0.034) 0.40ng/ul m

JU 07/18/19

response 7568

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.96 |
| 265.00 | 36.10 | 32.42 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006876.D  
Acq On : 17 Jul 2019 17:11  
Operator : HP/JU  
Sample : K3772-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52P4

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:53:59 AM

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 2660     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.35 | 136  | 9610     | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10       | 14.24 | 164  | 4916     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 10589m > | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.26 | 240  | 8691m >  | 0.40 | ng/ul | 0.02     |
| 20) Perylene-d12          | 23.50 | 264  | 7568m >  | 0.40 | ng/ul | 0.03     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.98 | 152  | 3740     | 0.25 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 9595m >  | 0.31 | ng/ul | 0.00     |

| Target Compounds | Ovalue |
|------------------|--------|
|------------------|--------|

Ju 07/18/19

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