

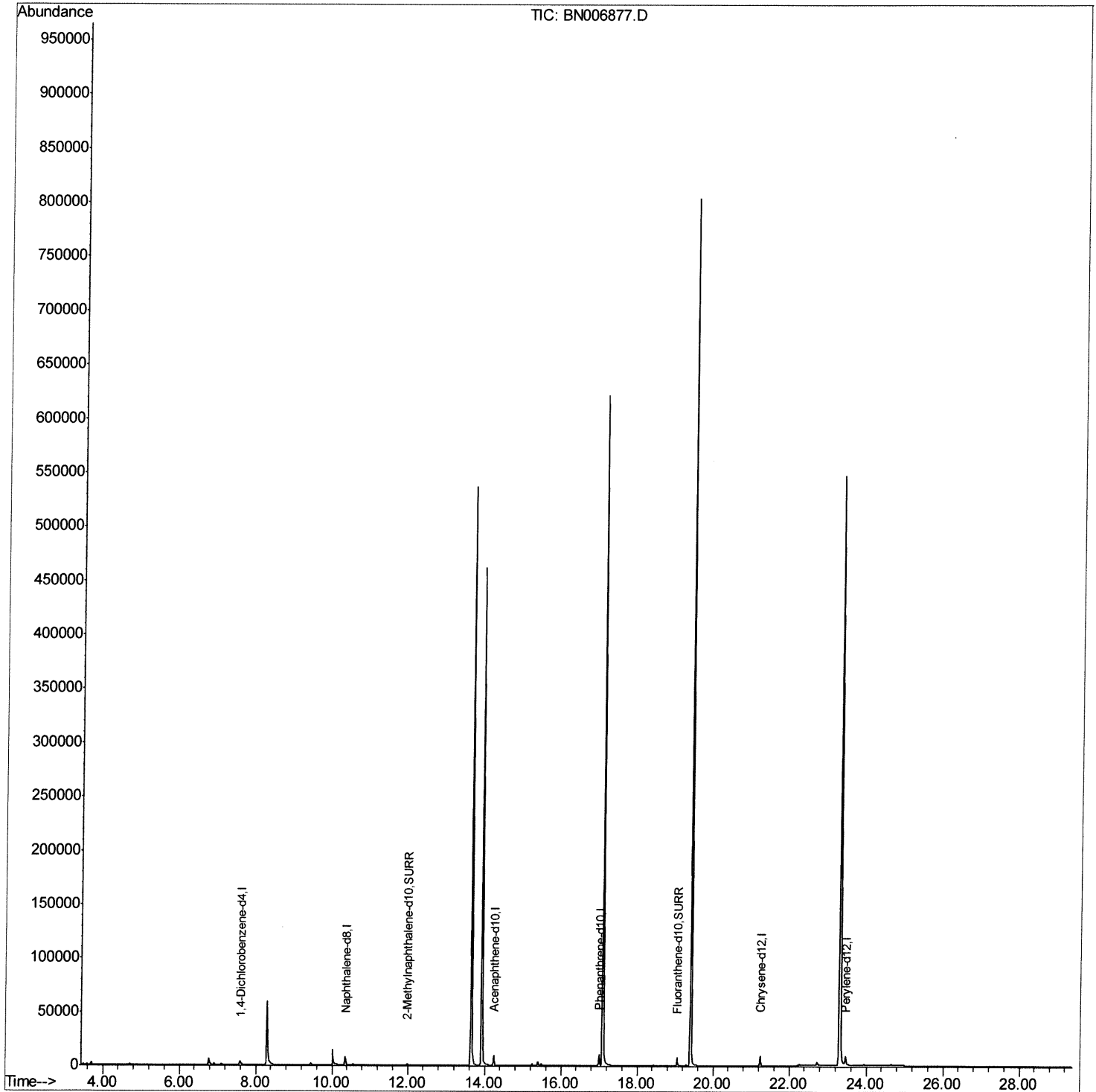
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006877.D  
Acq On : 17 Jul 2019 17:46  
Operator : HP/JU  
Sample : K3772-11  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52P6

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:32:18 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)

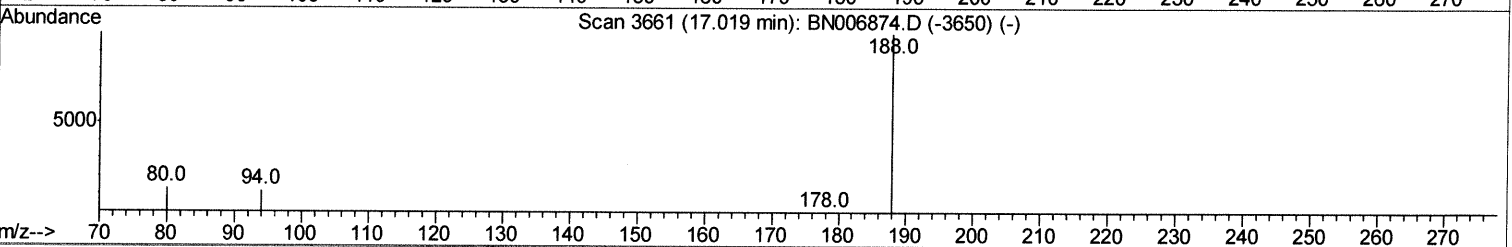
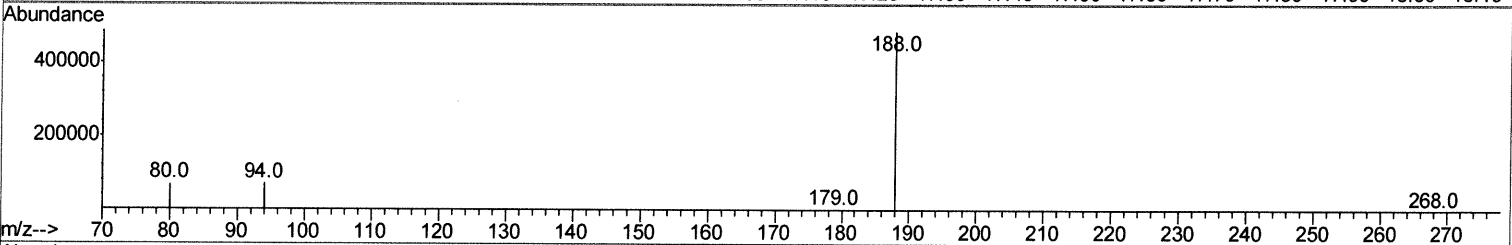
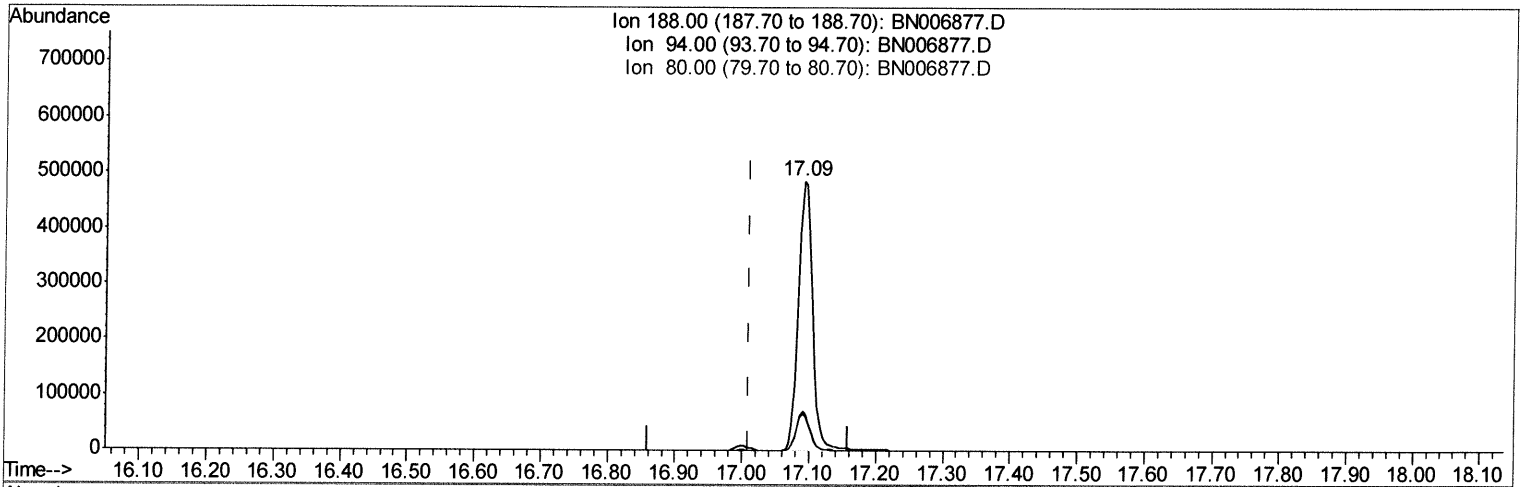
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006877.D  
 Acq On : 17 Jul 2019 17:46  
 Operator : HP/JU  
 Sample : K3772-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 A52P6

**Manual Integrations**  
**APPROVED**

Sohil  
 7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:08:29 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: BN006877.D

(10) Phenanthrene-d10 (I)

17.090min (+0.080) 0.40ng/ul

response 706462

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 14.35 |
| 80.00  | 14.80 | 13.73 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

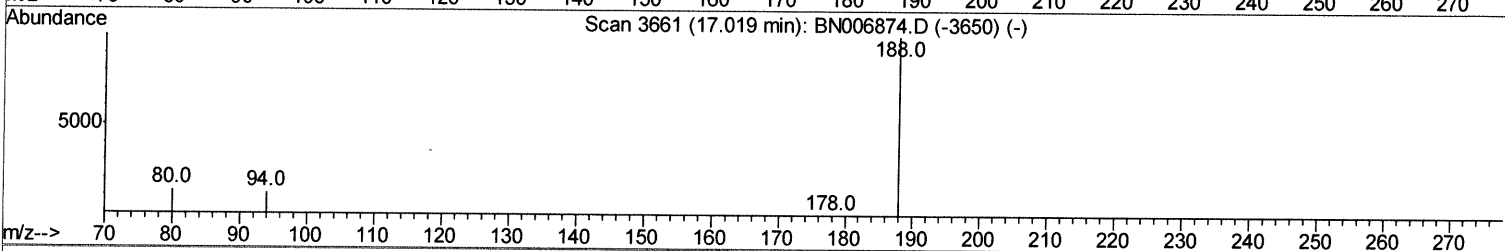
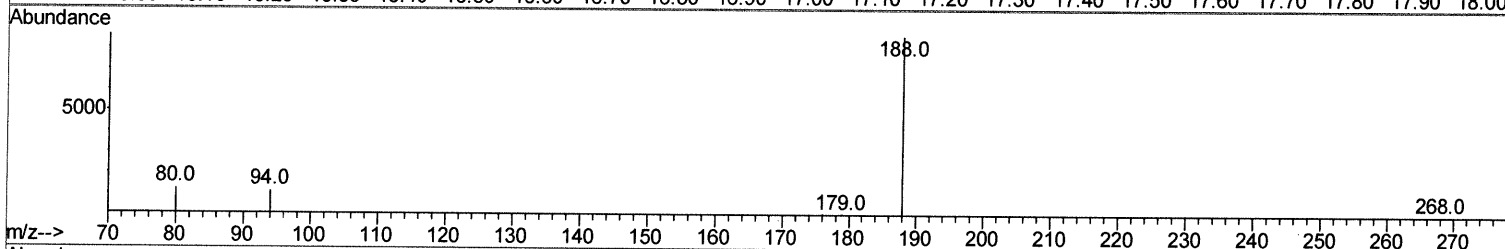
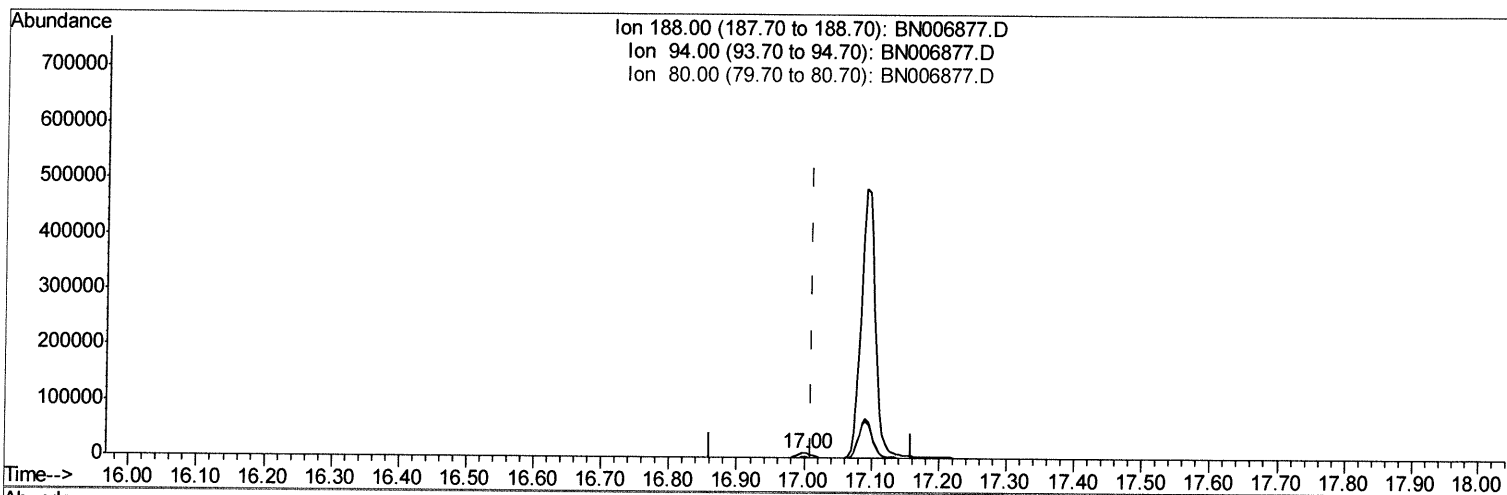
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006877.D  
 Acq On : 17 Jul 2019 17:46  
 Operator : HP/JU  
 Sample : K3772-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52P6

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:08:29 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: BN006877.D

(10) Phenanthrene-d10 (I)

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

response 12276

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 12.82 |
| 80.00  | 14.80 | 14.17 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

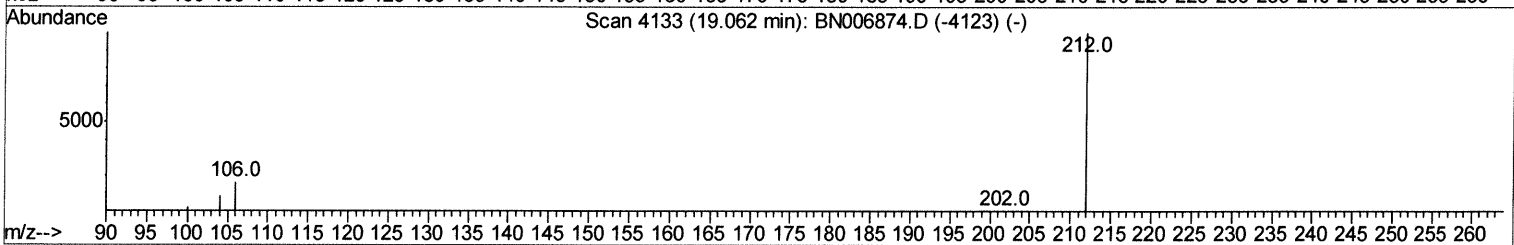
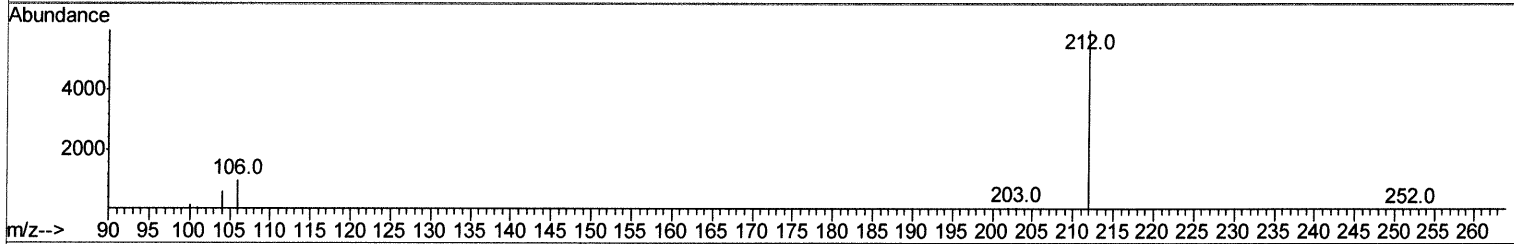
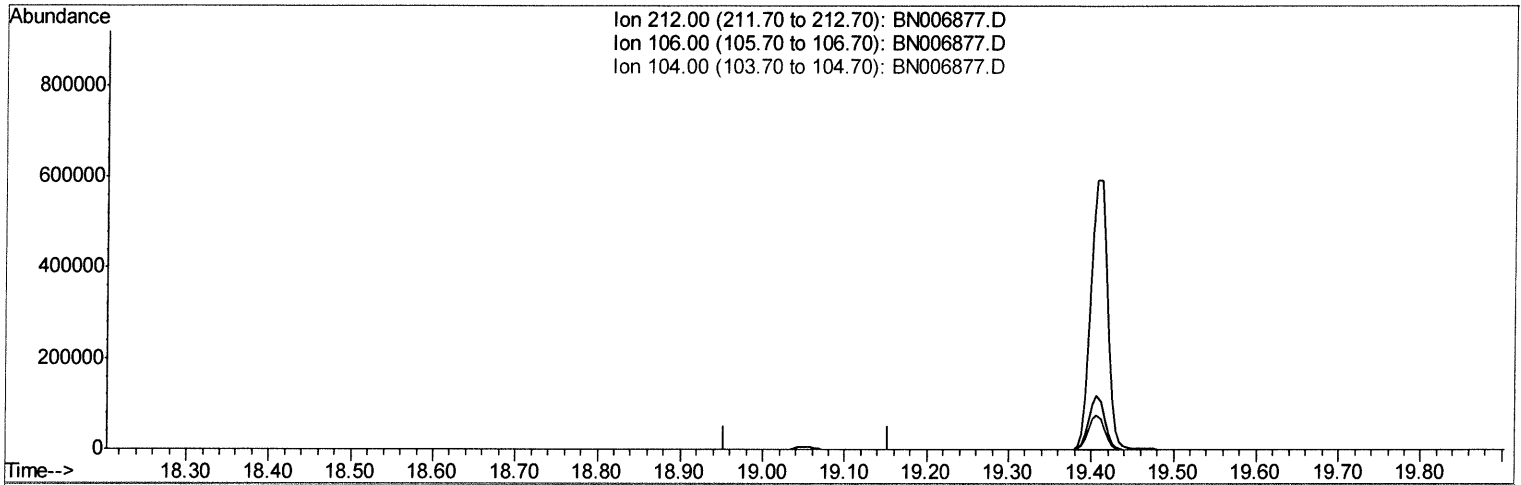
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006877.D  
 Acq On : 17 Jul 2019 17:46  
 Operator : HP/JU  
 Sample : K3772-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 A52P6

**Manual Integrations**  
**APPROVED**

Sohil  
 7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:29:30 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: BN006877.D

(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)

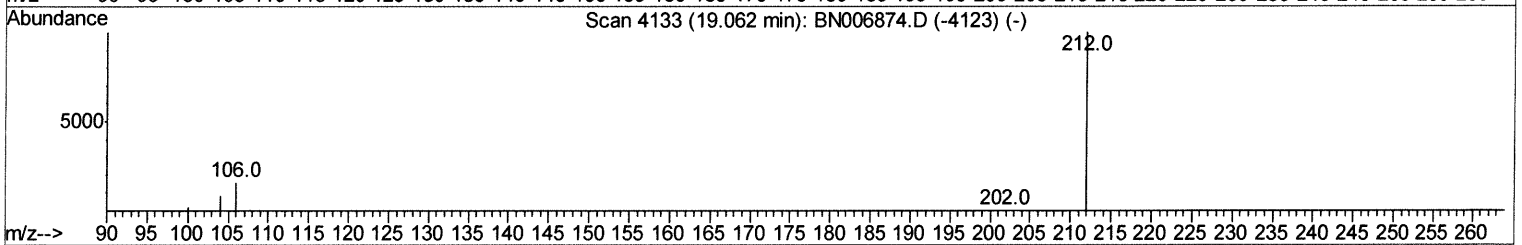
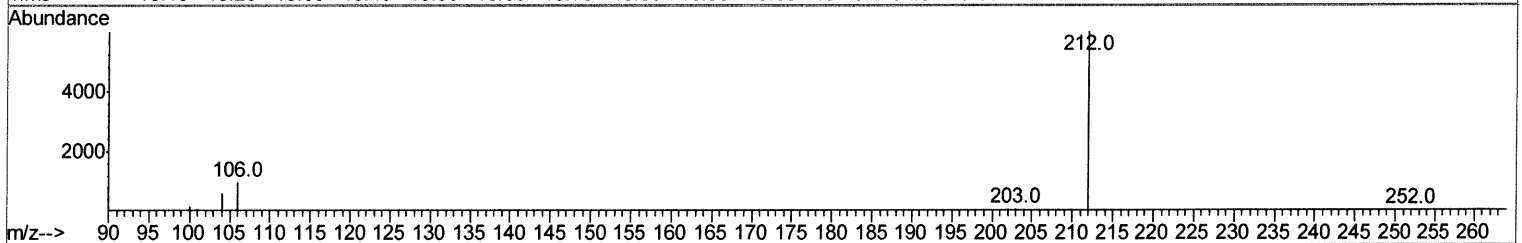
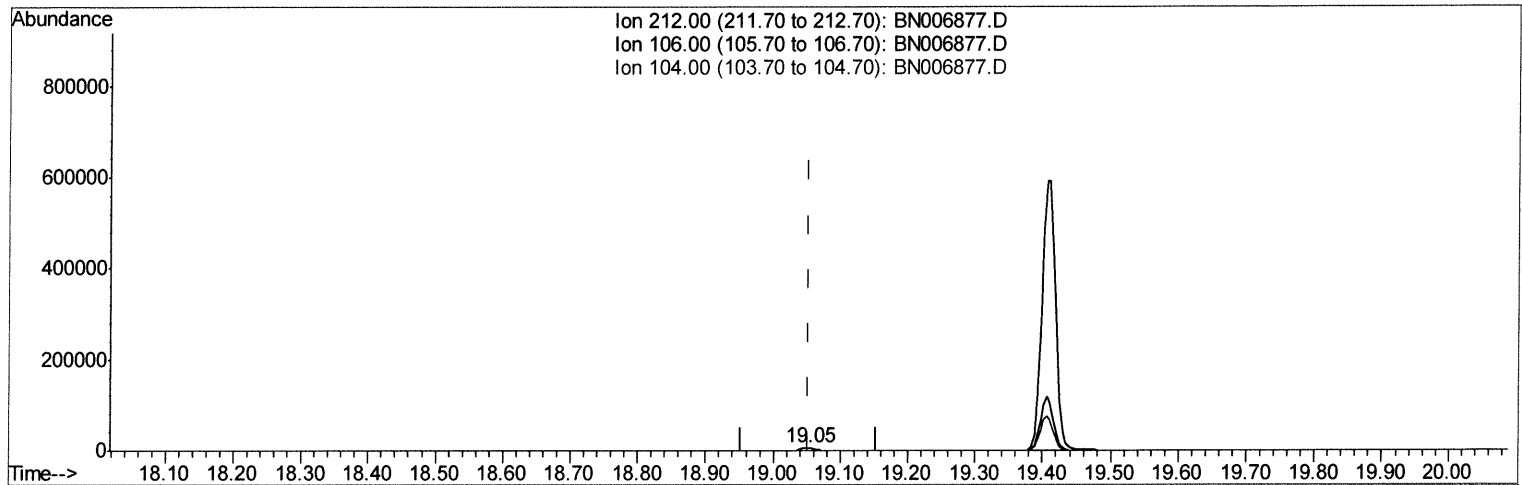
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006877.D  
Acq On : 17 Jul 2019 17:46  
Operator : HP/JU  
Sample : K3772-11  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52P6

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:29:30 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: BN006877.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.000) 0.25ng/ul m

JU  
07/18/19

response 8975

| 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)

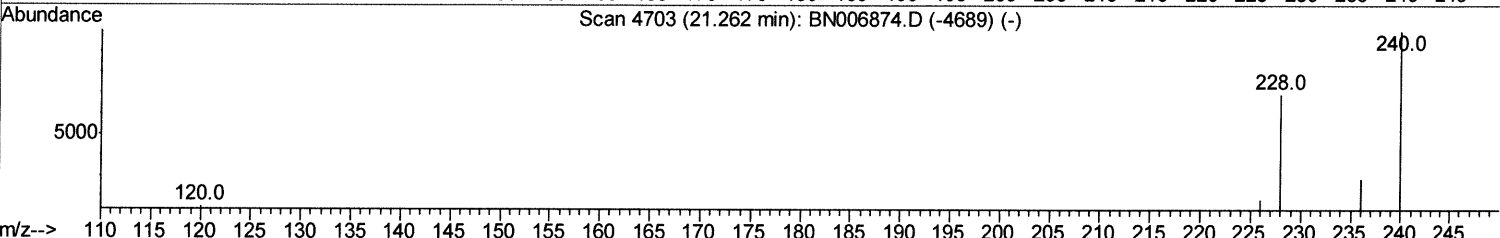
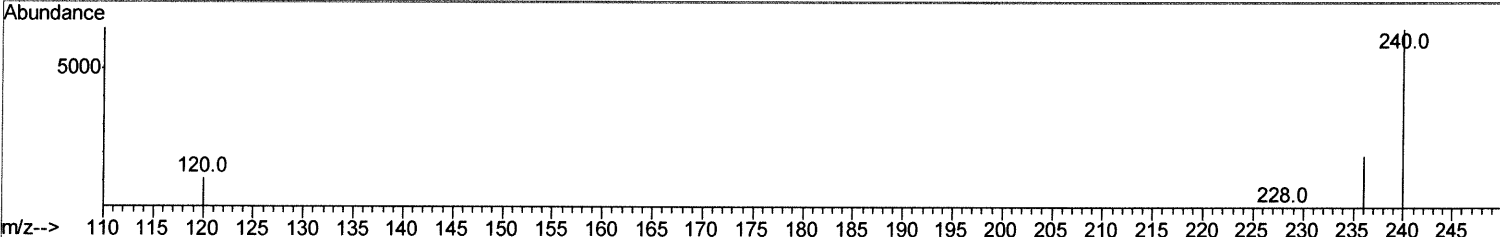
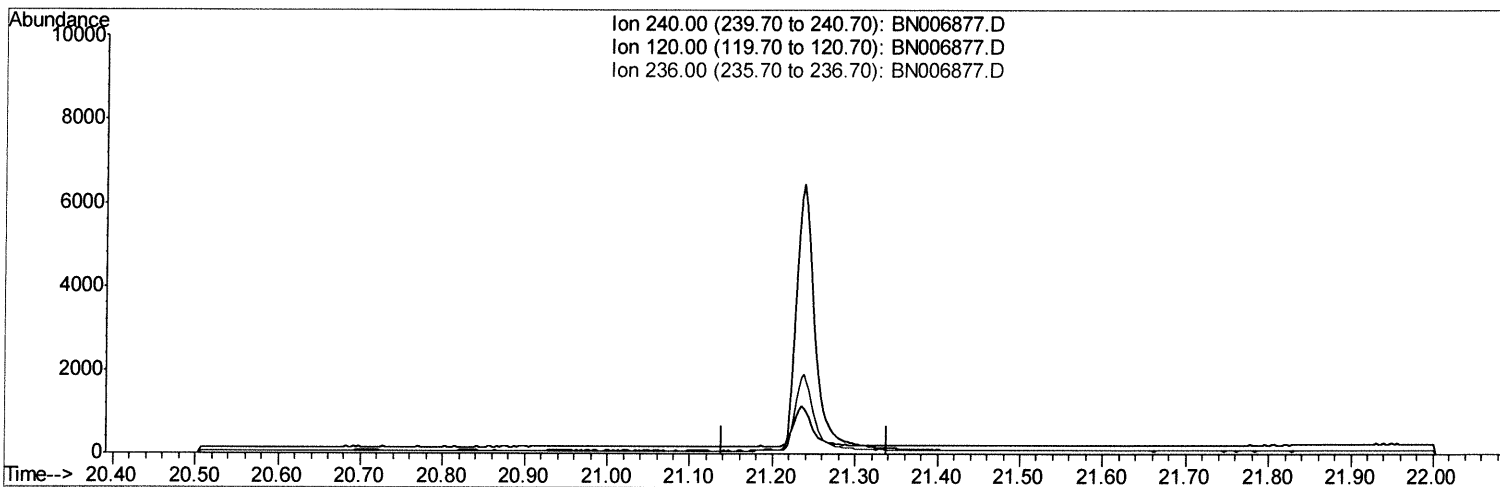
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006877.D  
 Acq On : 17 Jul 2019 17:46  
 Operator : HP/JU  
 Sample : K3772-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52P6

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:29:30 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: BN006877.D

(16) Chrysene-d12 (I)  
 21.239min (-21.239) 0.00ng/ul  
 response 0

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

# Quantitation Report (Qedit)

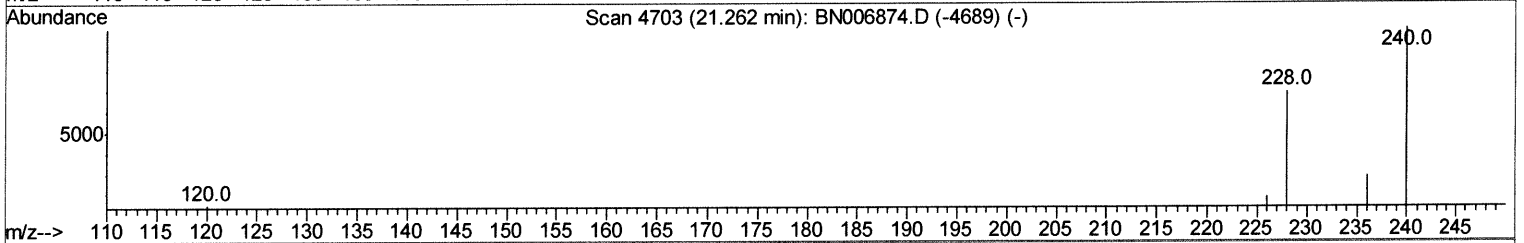
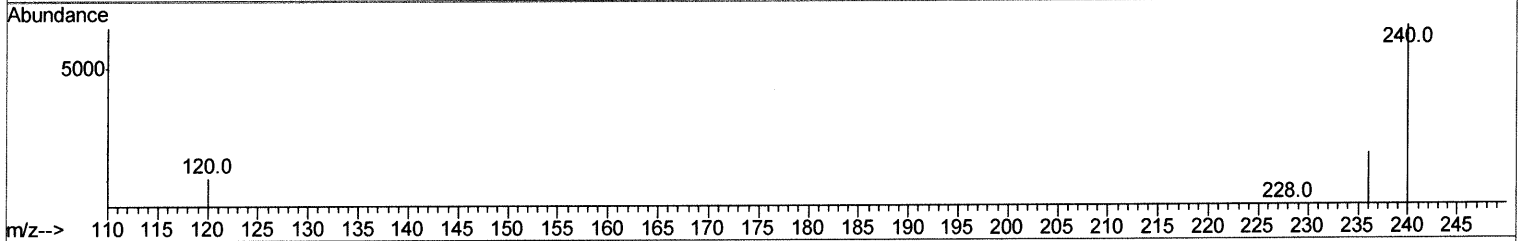
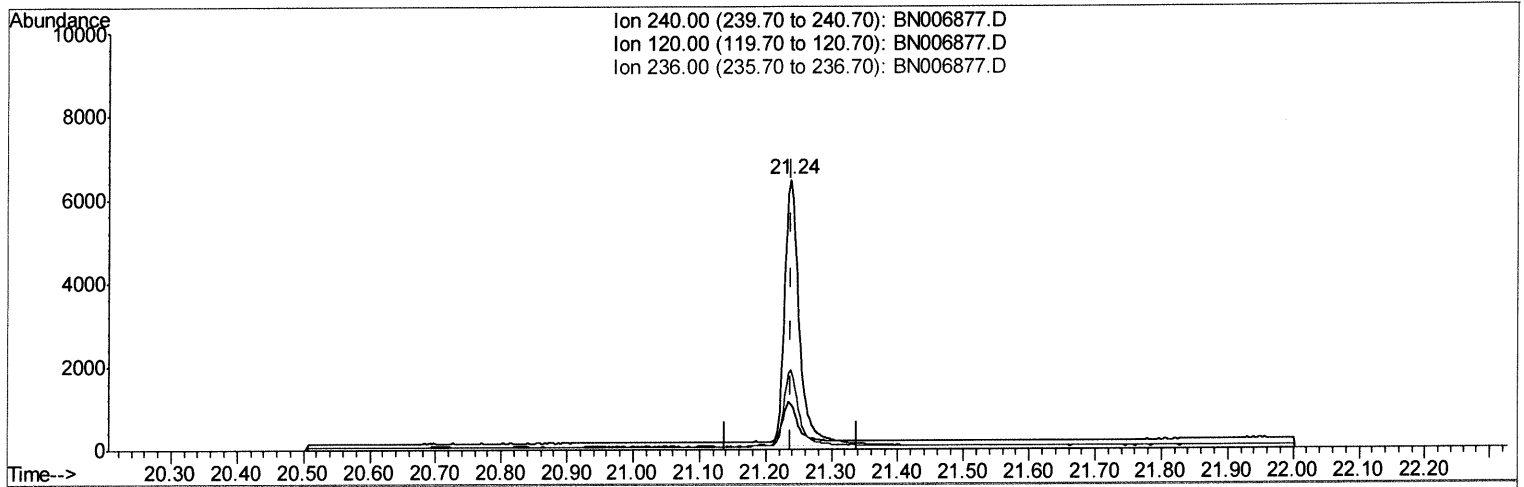
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006877.D  
 Acq On : 17 Jul 2019 17:46  
 Operator : HP/JU  
 Sample : K3772-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52P6

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:29:30 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: BN006877.D

(16) Chrysene-d12 (I)

21.238min (-0.001) 0.40ng/ul m *JU 07/18/19*

response 10020

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.20 | 16.83 |
| 236.00 | 30.00 | 29.64 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

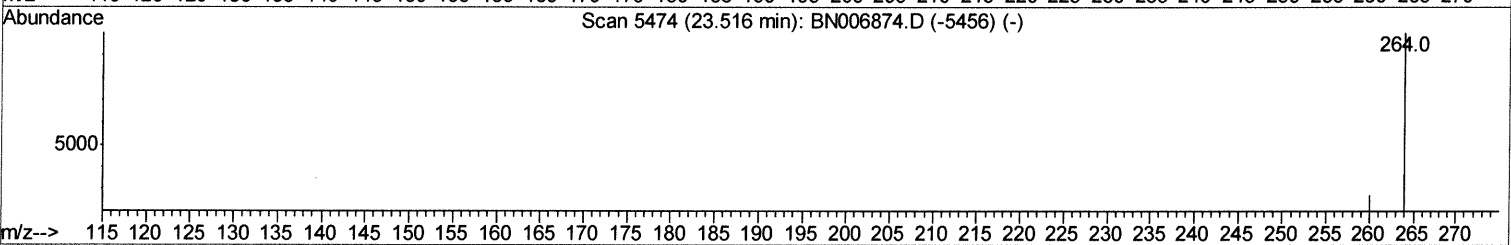
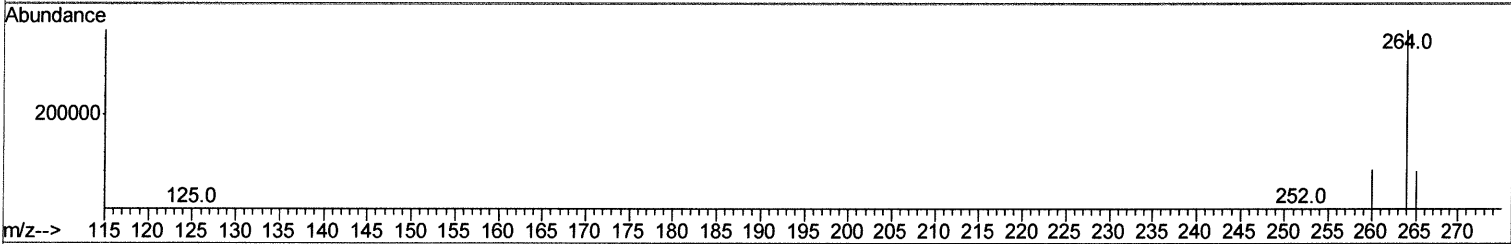
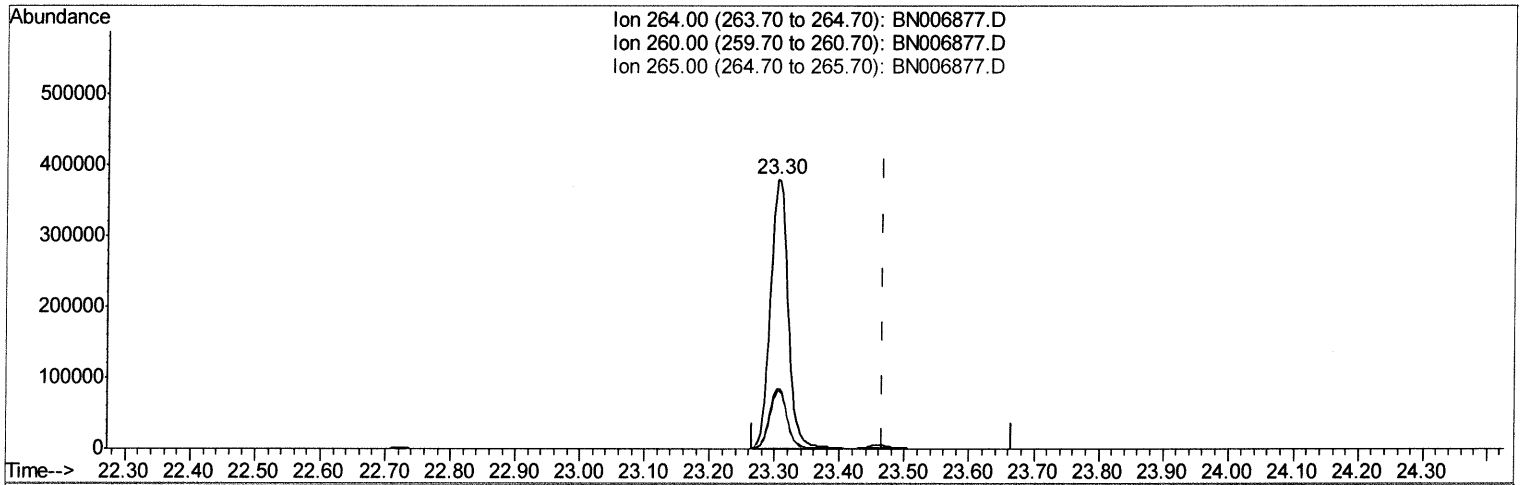
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006877.D  
 Acq On : 17 Jul 2019 17:46  
 Operator : HP/JU  
 Sample : K3772-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52P6

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:31:15 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: BN006877.D

(20) Perylene-d12 (I)

23.304min (-0.162) 0.40ng/ul

response 709455

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.24# |
| 265.00 | 36.10 | 21.42# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

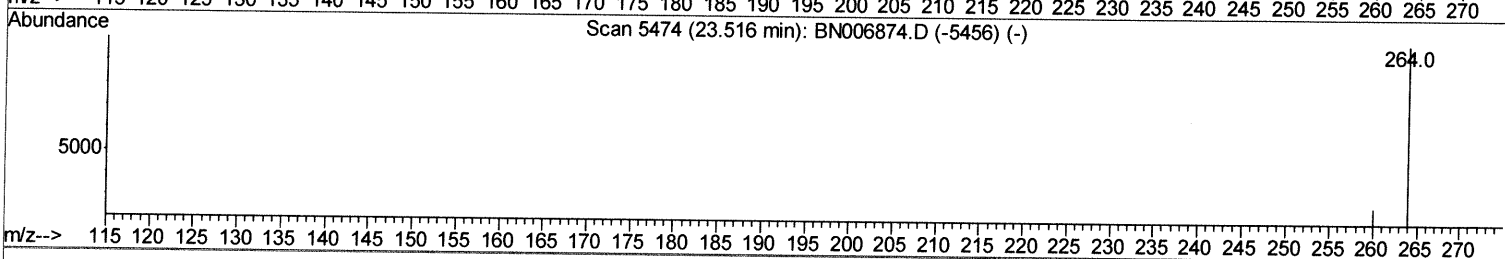
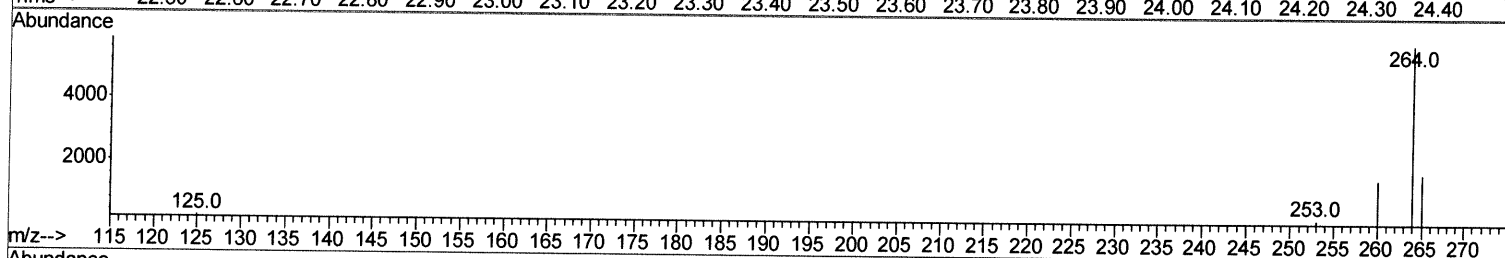
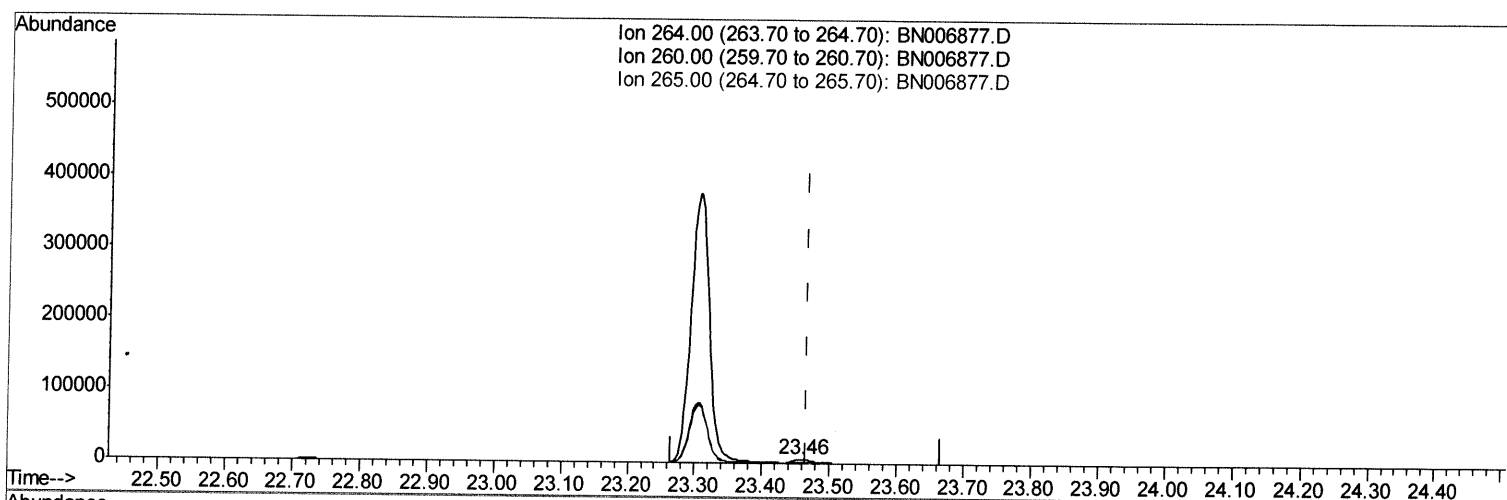
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
Data File : BN006877.D  
Acq On : 17 Jul 2019 17:46  
Operator : HP/JU  
Sample : K3772-11  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52P6

Manual Integrations  
APPROVED

Sohil  
7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:31:15 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: BN006877.D

(20) Perylene-d12 (I)

23.459min (-0.007) 0.40ng/ul m *JU 07/18/19*

response 8961

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.96 |
| 265.00 | 36.10 | 30.47 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\  
 Data File : BN006877.D  
 Acq On : 17 Jul 2019 17:46  
 Operator : HP/JU  
 Sample : K3772-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52P6

Manual Integrations  
 APPROVED

Sohil  
 7/18/2019 11:54:00 AM

Quant Time: Jul 18 01:32:18 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

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 3008     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.35 | 136  | 10980    | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10       | 14.24 | 164  | 5606     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 12276m > | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.24 | 240  | 10020m > | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.46 | 264  | 8961m >  | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |         |      |       |      |
|----------------------------|-------|-----|---------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.98 | 152 | 3257    | 0.19 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.05 | 212 | 8975m > | 0.25 | ng/ul | 0.00 |

## Target Compounds

Ovalue

Handwritten: JU 07/18/19

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