

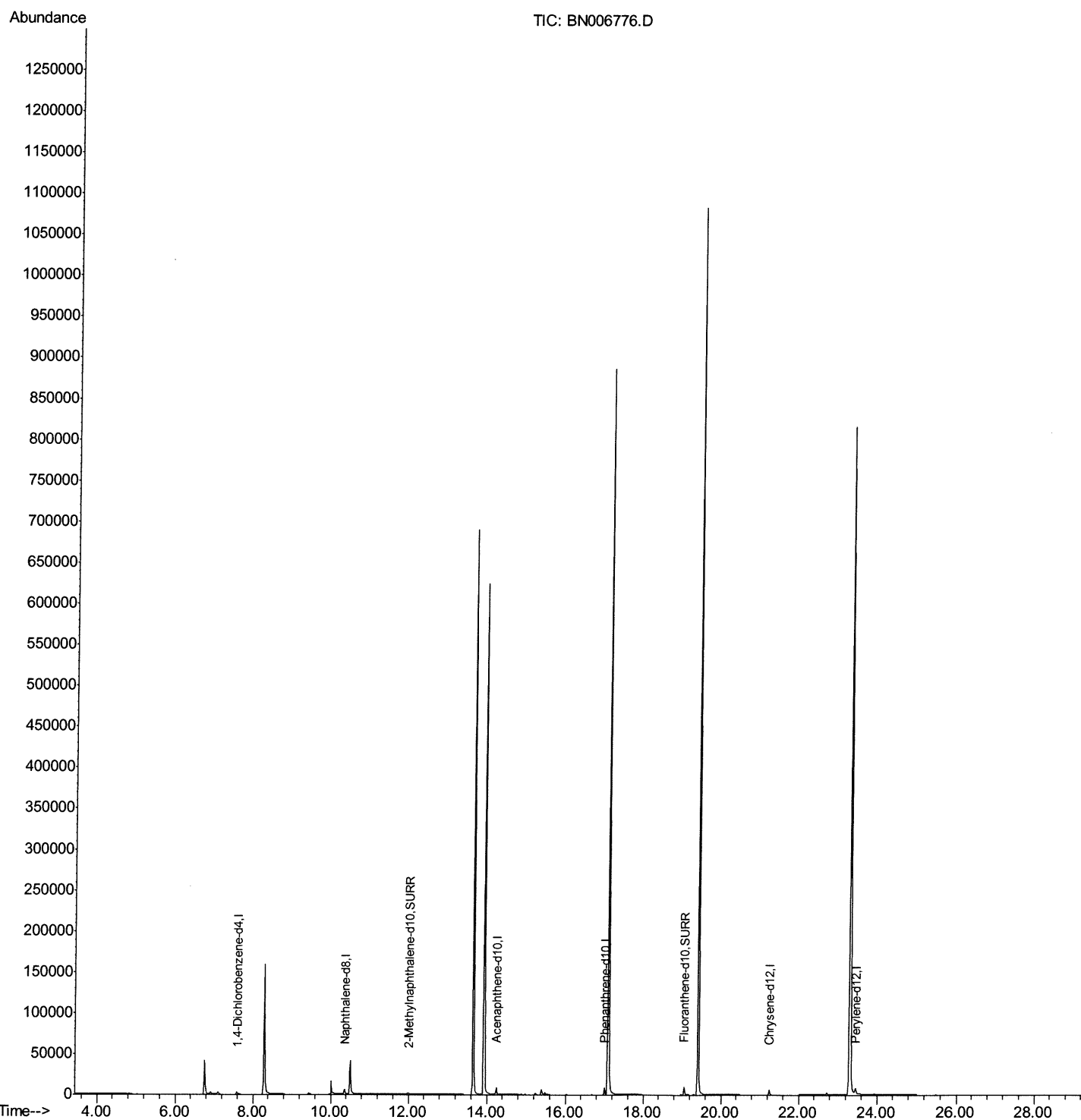
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
Data File : BN006776.D  
Acq On : 10 Jul 2019 18:49  
Operator : HP/JU  
Sample : PB121040BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK40

Manual Integrations  
APPROVED

mohammad  
7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:46:57 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 : Thu Jul 11 02:31:55 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

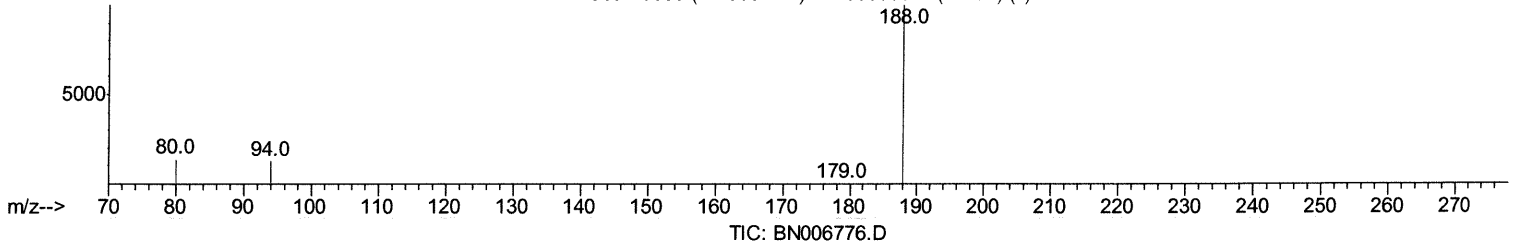
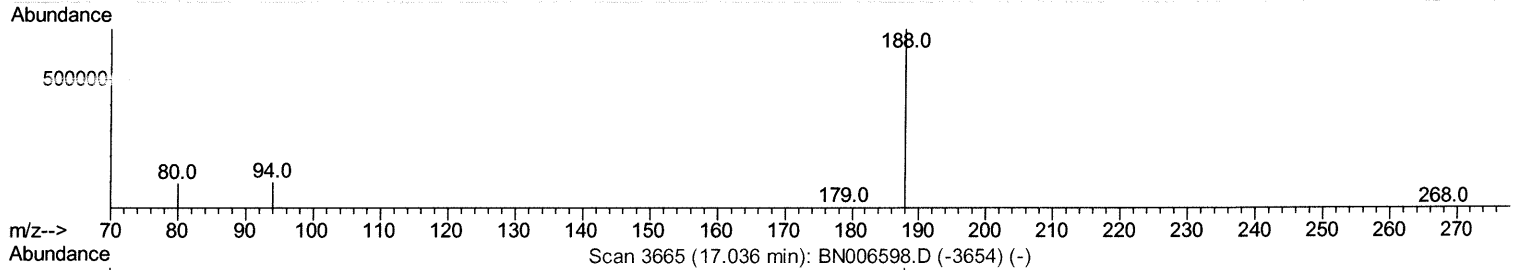
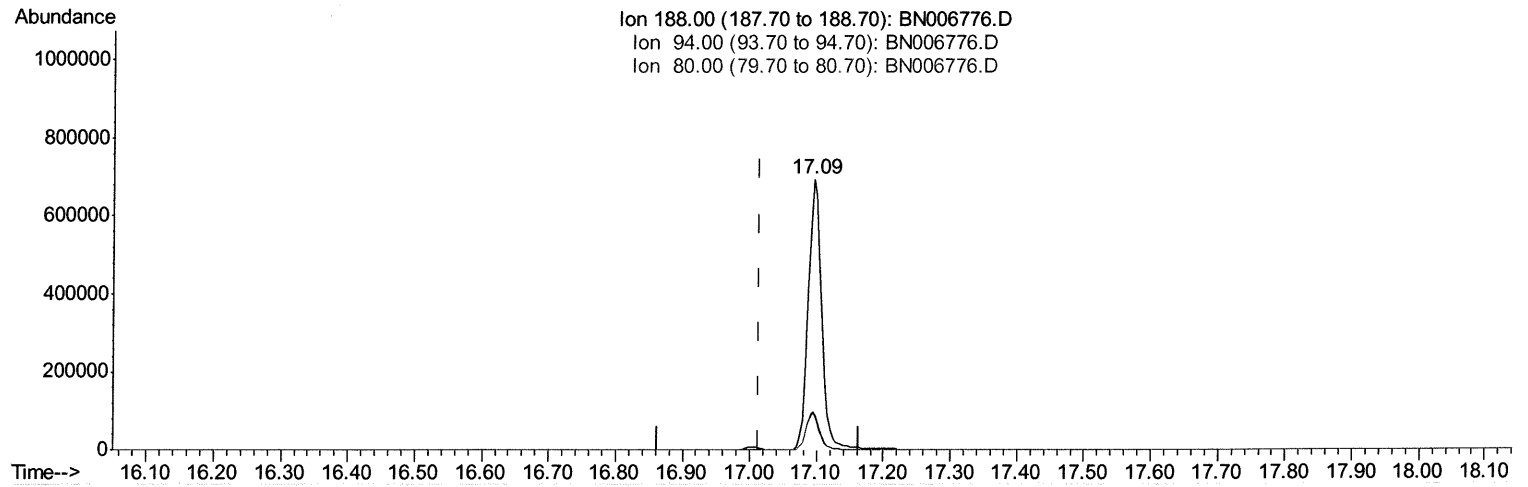
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
 Data File : BN006776.D  
 Acq On : 10 Jul 2019 18:49  
 Operator : HP/JU  
 Sample : PB121040BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK40

Manual Integrations  
 APPROVED

mohammad  
 7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:43:58 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 : Thu Jul 11 02:31:55 2019  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.094min (+0.080) 0.40ng/ul

response 972454

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 14.31 |
| 80.00  | 14.80 | 13.61 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

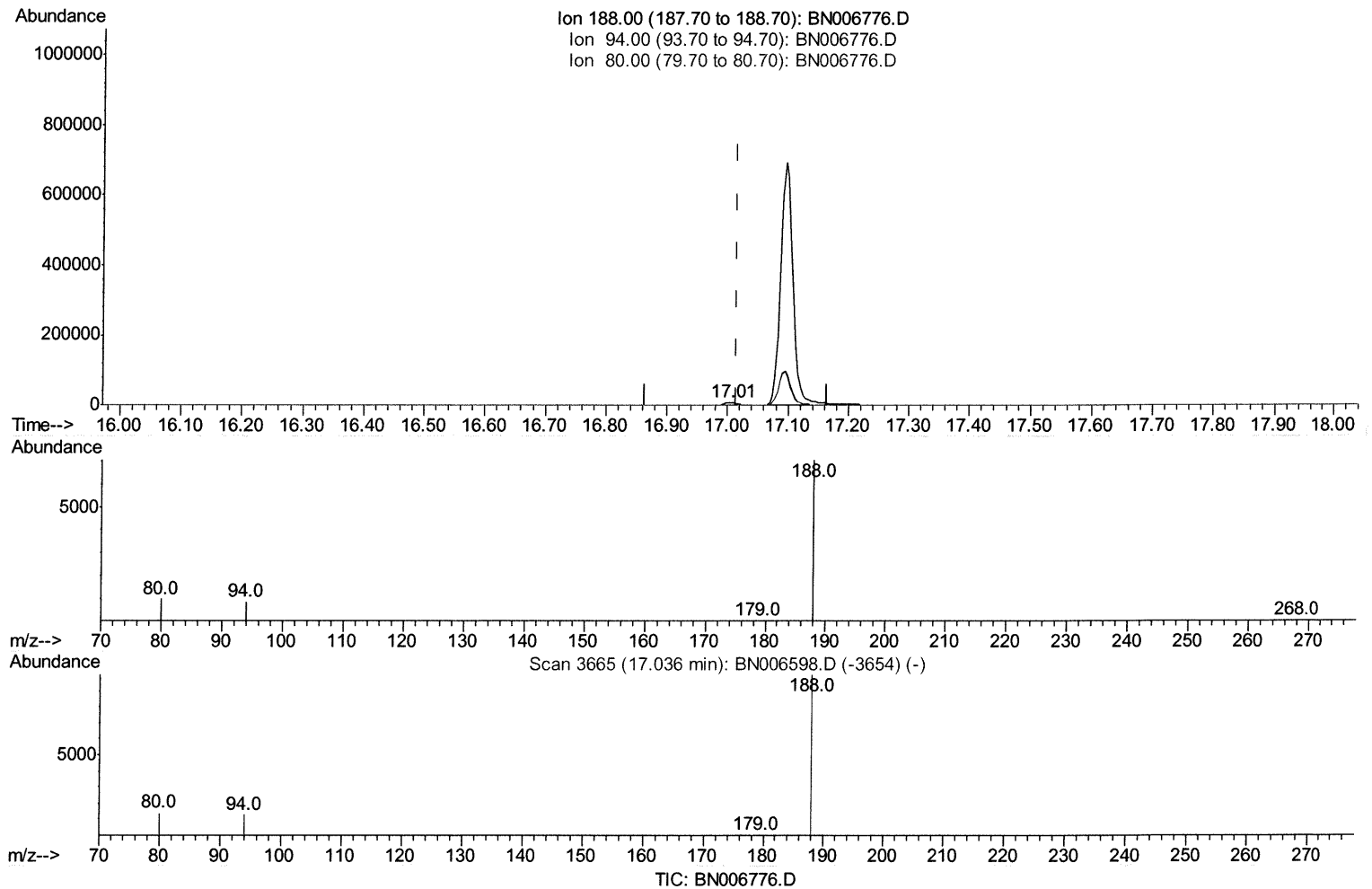
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
 Data File : BN006776.D  
 Acq On : 10 Jul 2019 18:49  
 Operator : HP/JU  
 Sample : PB121040BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK40

Manual Integrations  
 APPROVED

mohammad  
 7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:43:58 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 : Thu Jul 11 02:31:55 2019  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.006min (-0.008) 0.40ng/ul m

JU  
 07/11/19

response 10157

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 12.27 |
| 80.00  | 14.80 | 14.08 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

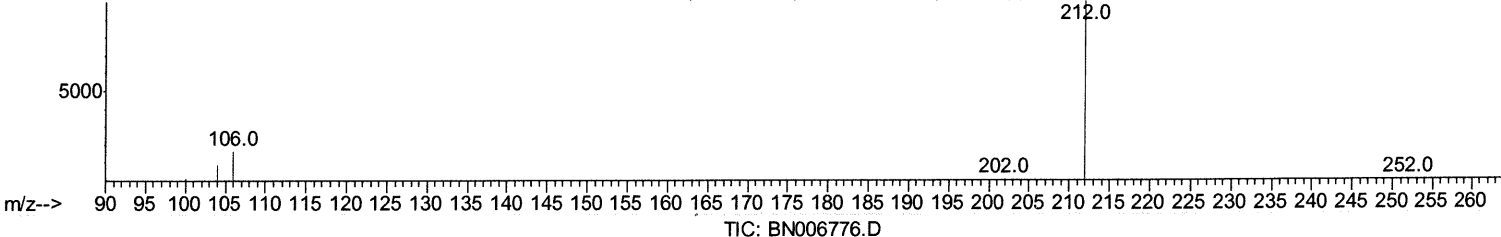
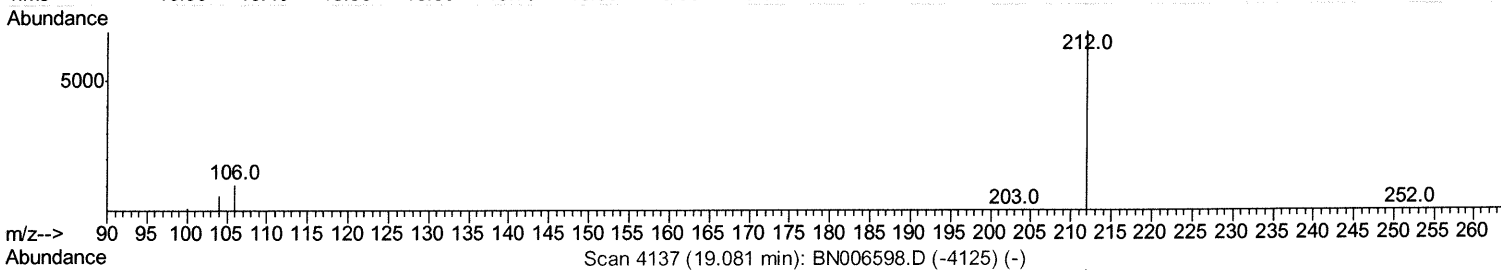
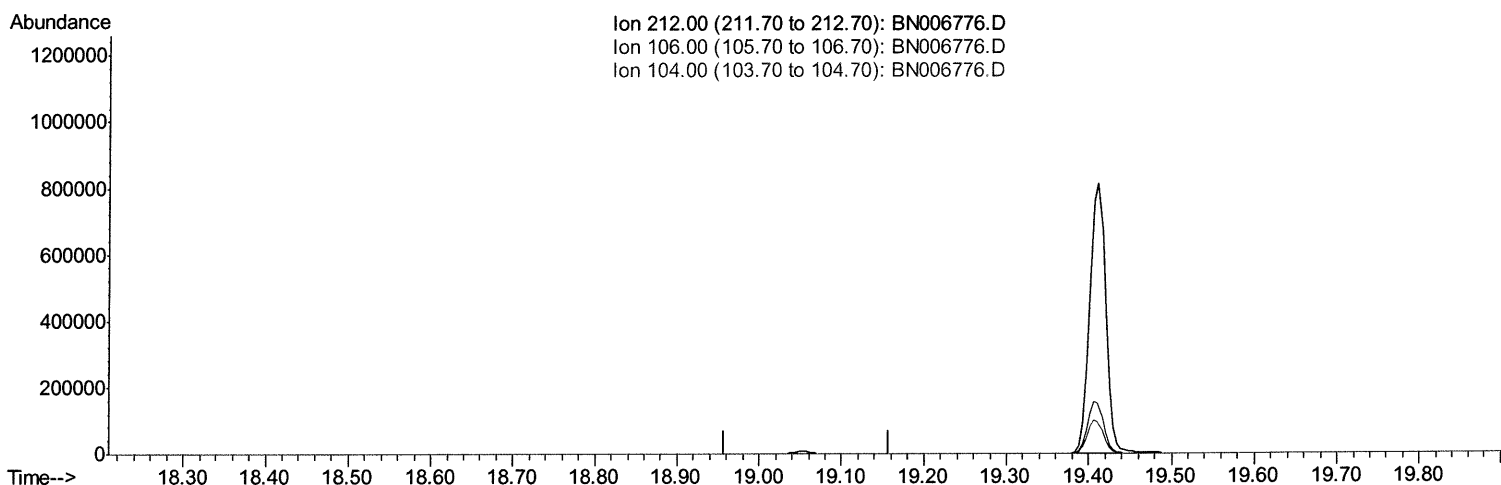
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
 Data File : BN006776.D  
 Acq On : 10 Jul 2019 18:49  
 Operator : HP/JU  
 Sample : PB121040BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK40

Manual Integrations  
 APPROVED

mohammad  
 7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:44:48 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 : Thu Jul 11 02:31:55 2019  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.058min (-19.058) 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)

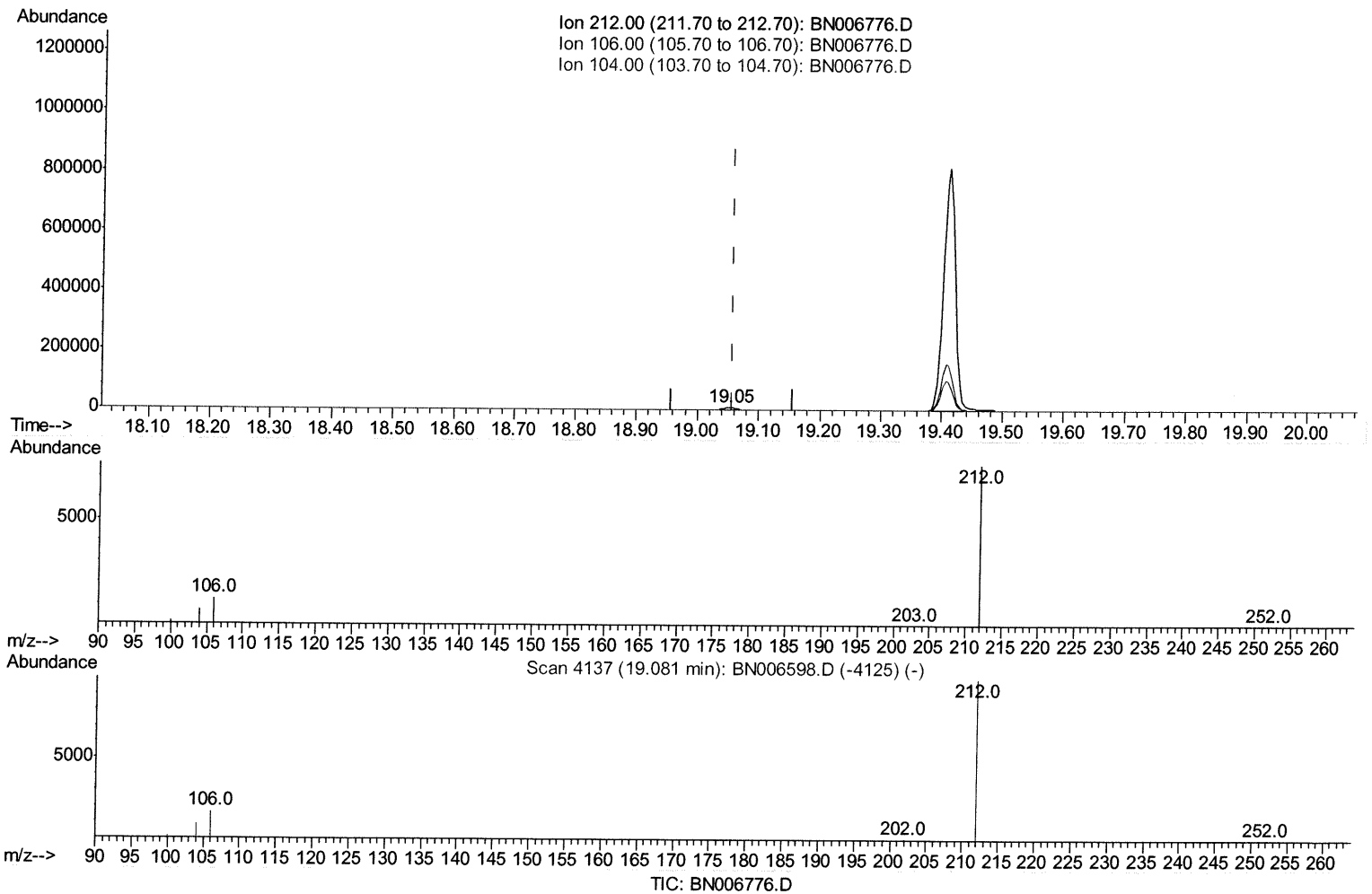
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
 Data File : BN006776.D  
 Acq On : 10 Jul 2019 18:49  
 Operator : HP/JU  
 Sample : PB121040BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK40

Manual Integrations  
 APPROVED

mohammad  
 7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:44:48 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 : Thu Jul 11 02:31:55 2019  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.053min (-0.005) 0.40ng/ul m

JU  
 07/11/19

response 11958

| 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)

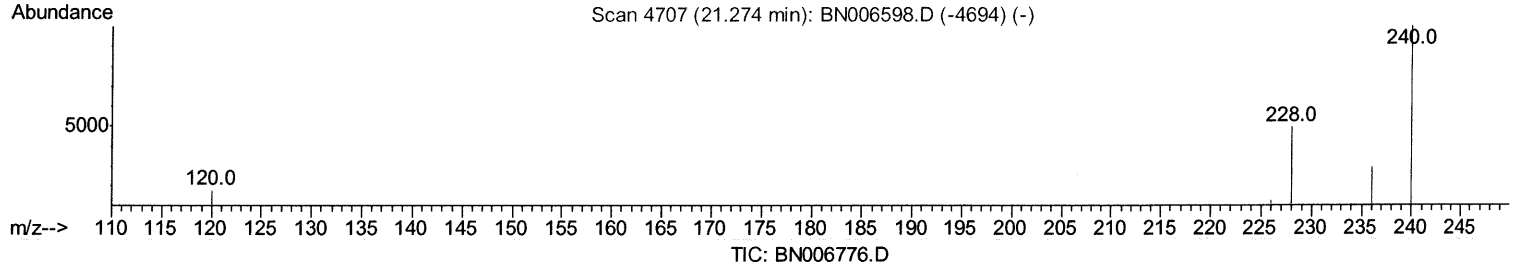
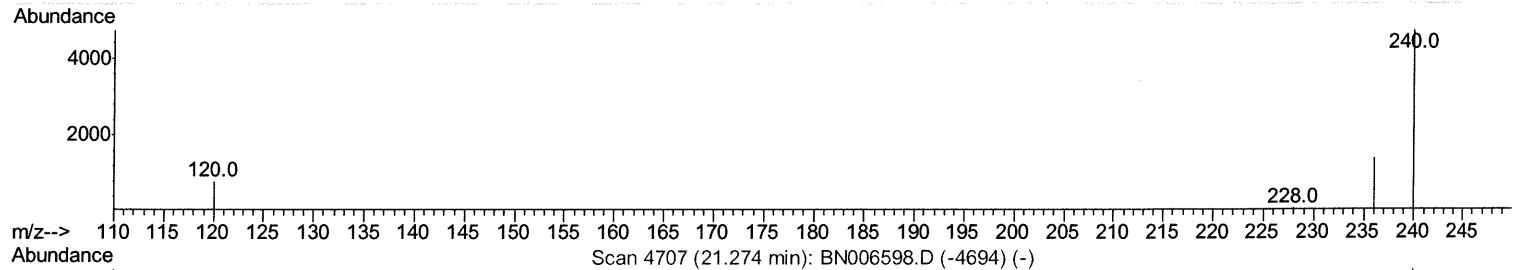
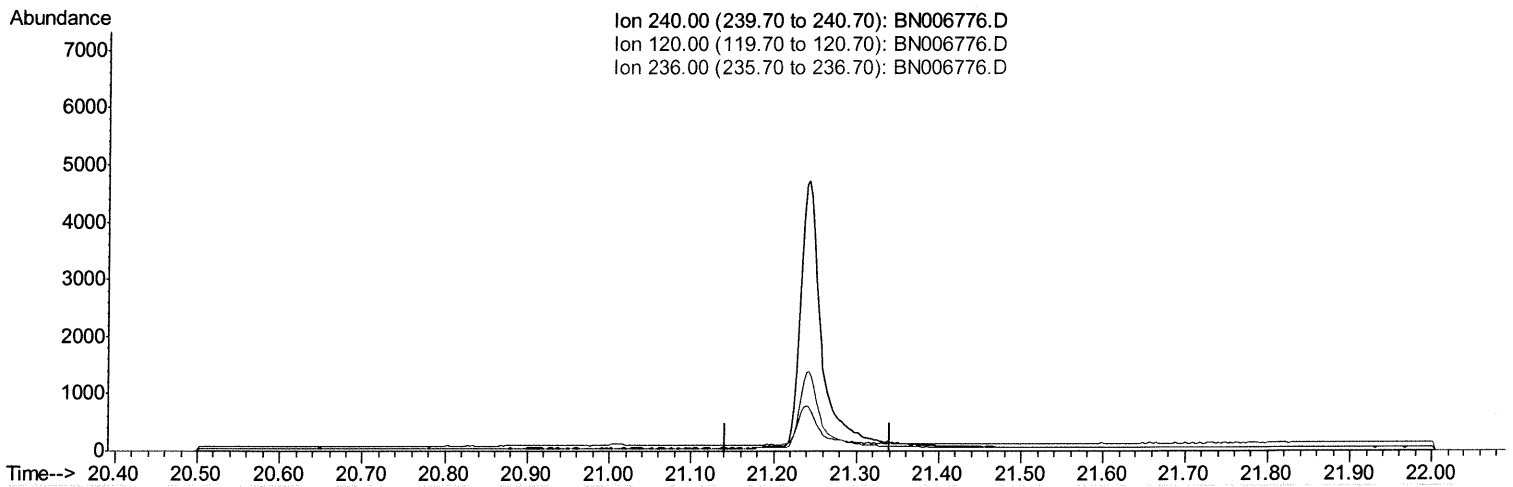
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
 Data File : BN006776.D  
 Acq On : 10 Jul 2019 18:49  
 Operator : HP/JU  
 Sample : PB121040BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 SBLK40

**Manual Integrations**  
**APPROVED**

mohammad  
 7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:44:48 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 : Thu Jul 11 02:31:55 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.242min (-21.242) 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)

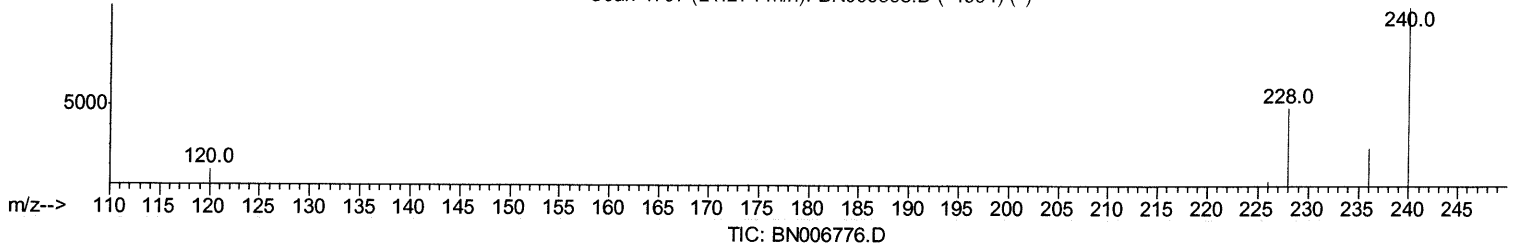
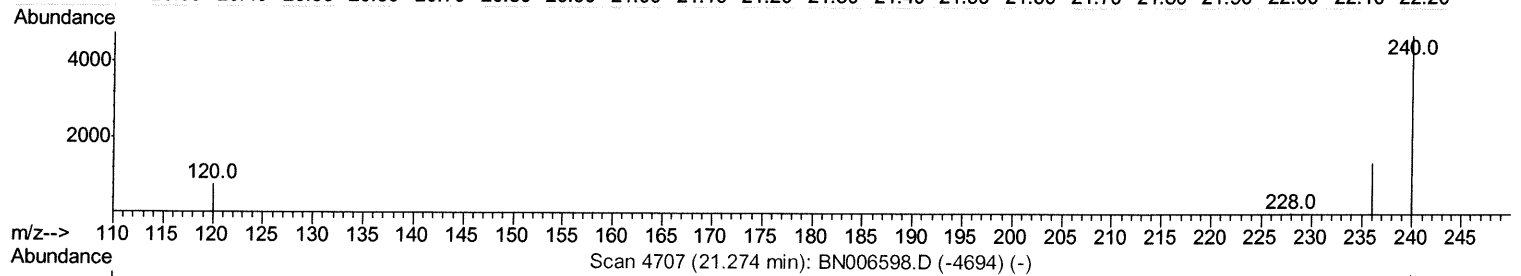
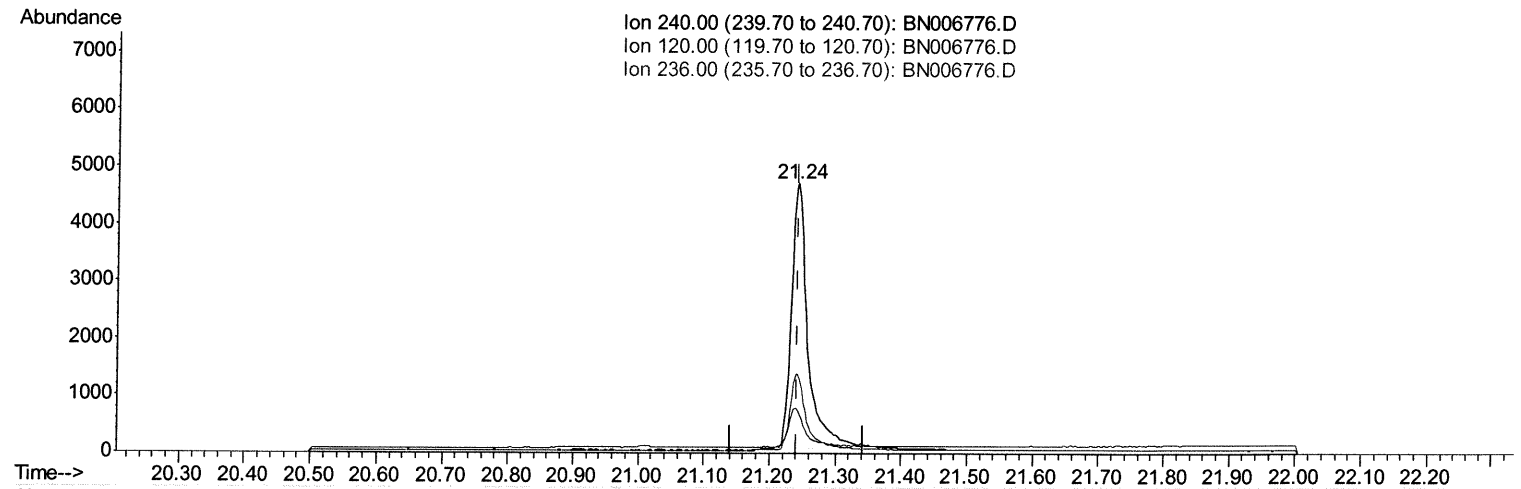
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
 Data File : BN006776.D  
 Acq On : 10 Jul 2019 18:49  
 Operator : HP/JU  
 Sample : PB121040BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK40

Manual Integrations  
 APPROVED

mohammad  
 7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:44:48 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 : Thu Jul 11 02:31:55 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.242min (+0.000) 0.40ng/ul m *JU 07/11/19*

response 8098

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.20 | 16.44 |
| 236.00 | 30.00 | 29.65 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

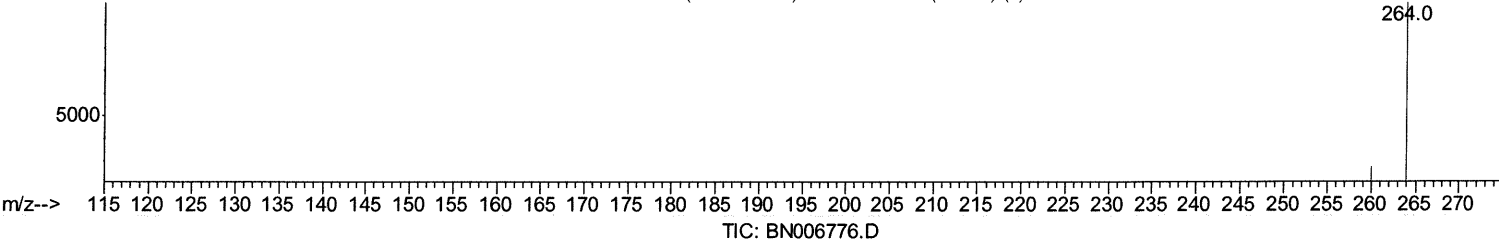
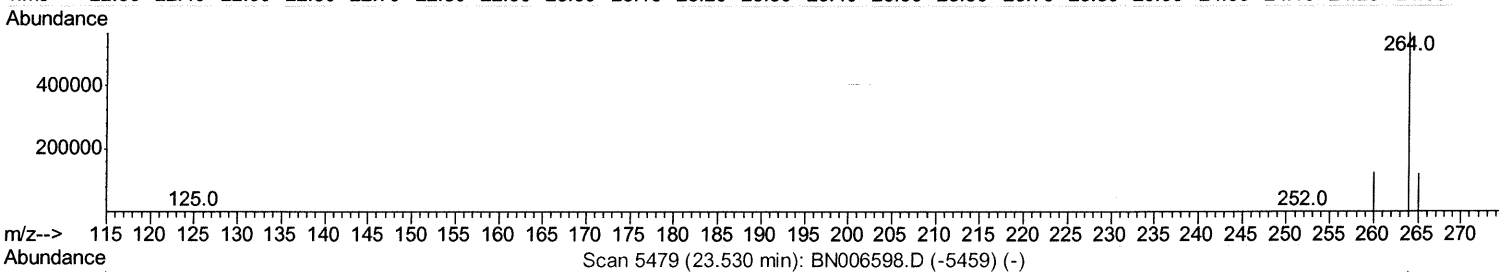
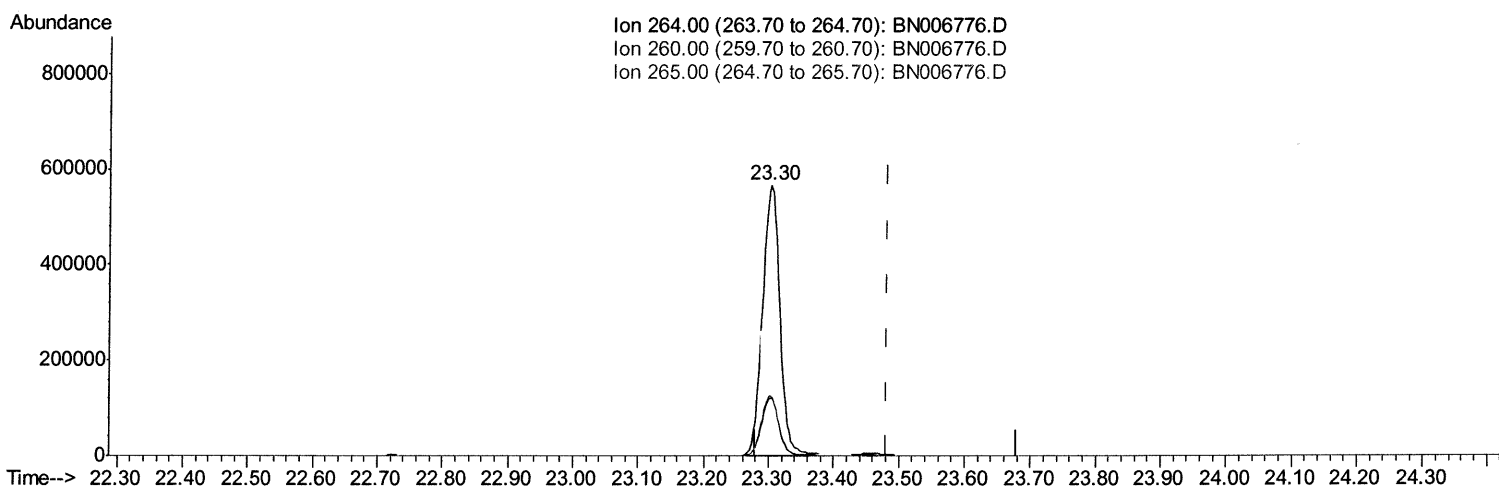
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
 Data File : BN006776.D  
 Acq On : 10 Jul 2019 18:49  
 Operator : HP/JU  
 Sample : PB121040BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 SBLK40

**Manual Integrations**  
**APPROVED**

mohammad  
 7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:46:02 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 : Thu Jul 11 02:31:55 2019  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.302min (-0.178) 0.40ng/ul

response 919650

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.24  |
| 265.00 | 36.10 | 21.55# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

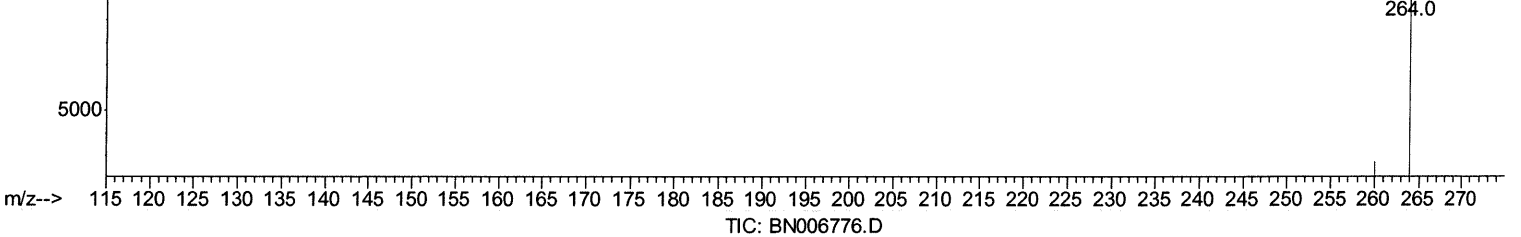
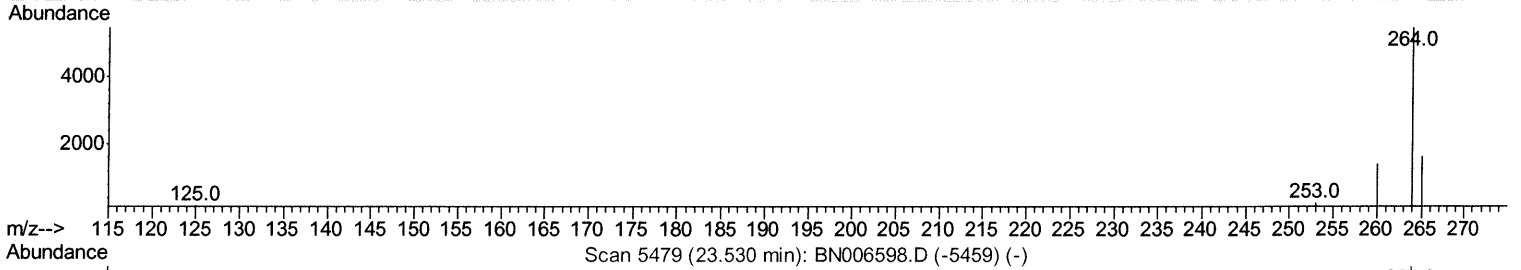
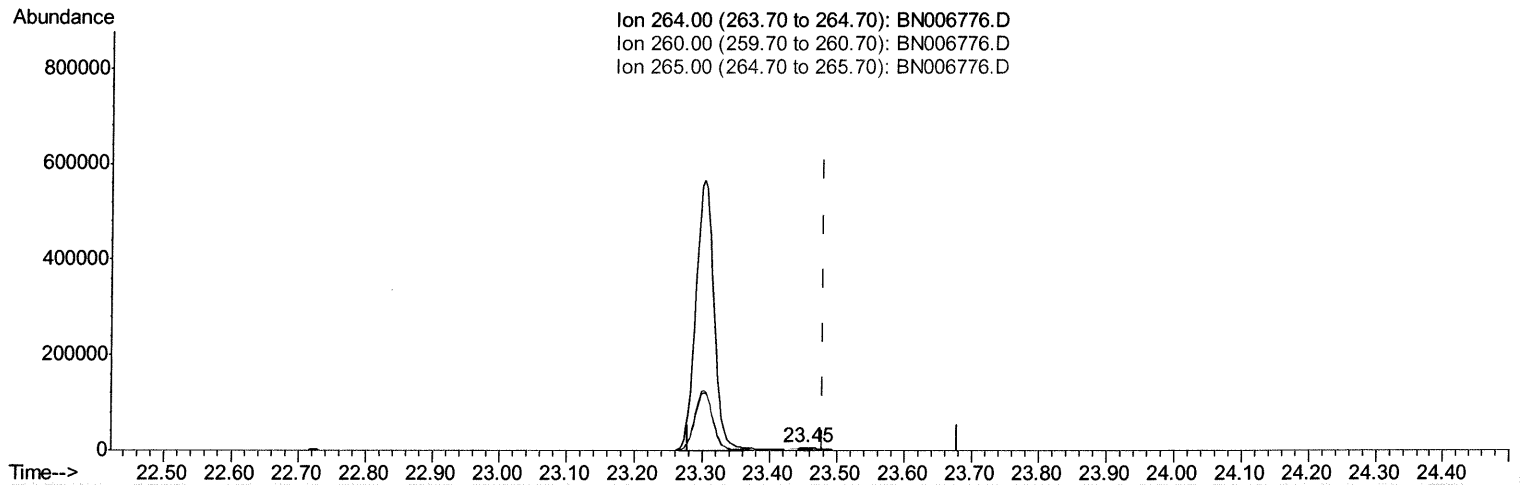
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
 Data File : BN006776.D  
 Acq On : 10 Jul 2019 18:49  
 Operator : HP/JU  
 Sample : PB121040BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK40

Manual Integrations  
 APPROVED

mohammad  
 7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:46:02 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 : Thu Jul 11 02:31:55 2019  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.454min (-0.026) 0.40ng/ul m

JU  
 07/11/19

response 7464

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.30 |
| 265.00 | 36.10 | 30.03 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\  
Data File : BN006776.D  
Acq On : 10 Jul 2019 18:49  
Operator : HP/JU  
Sample : PB121040BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK40

Manual Integrations  
APPROVED

mohammad  
7/11/2019 9:10:19 AM

Quant Time: Jul 11 02:46:57 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 : Thu Jul 11 02:31:55 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 2486     | 0.40 | ng/ul | -0.02    |
| 2) Naphthalene-d8         | 10.36 | 136  | 9123     | 0.40 | ng/ul | -0.02    |
| 6) Acenaphthene-d10       | 14.24 | 164  | 4943     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.01 | 188  | 10157m>  | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.24 | 240  | 8098m>   | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.45 | 264  | 7464m>   | 0.40 | ng/ul | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.99 | 152  | 5003     | 0.36 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 11958m>  | 0.40 | ng/ul | 0.00     |

Target Compounds Ovalue

JU 07/11/19

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