

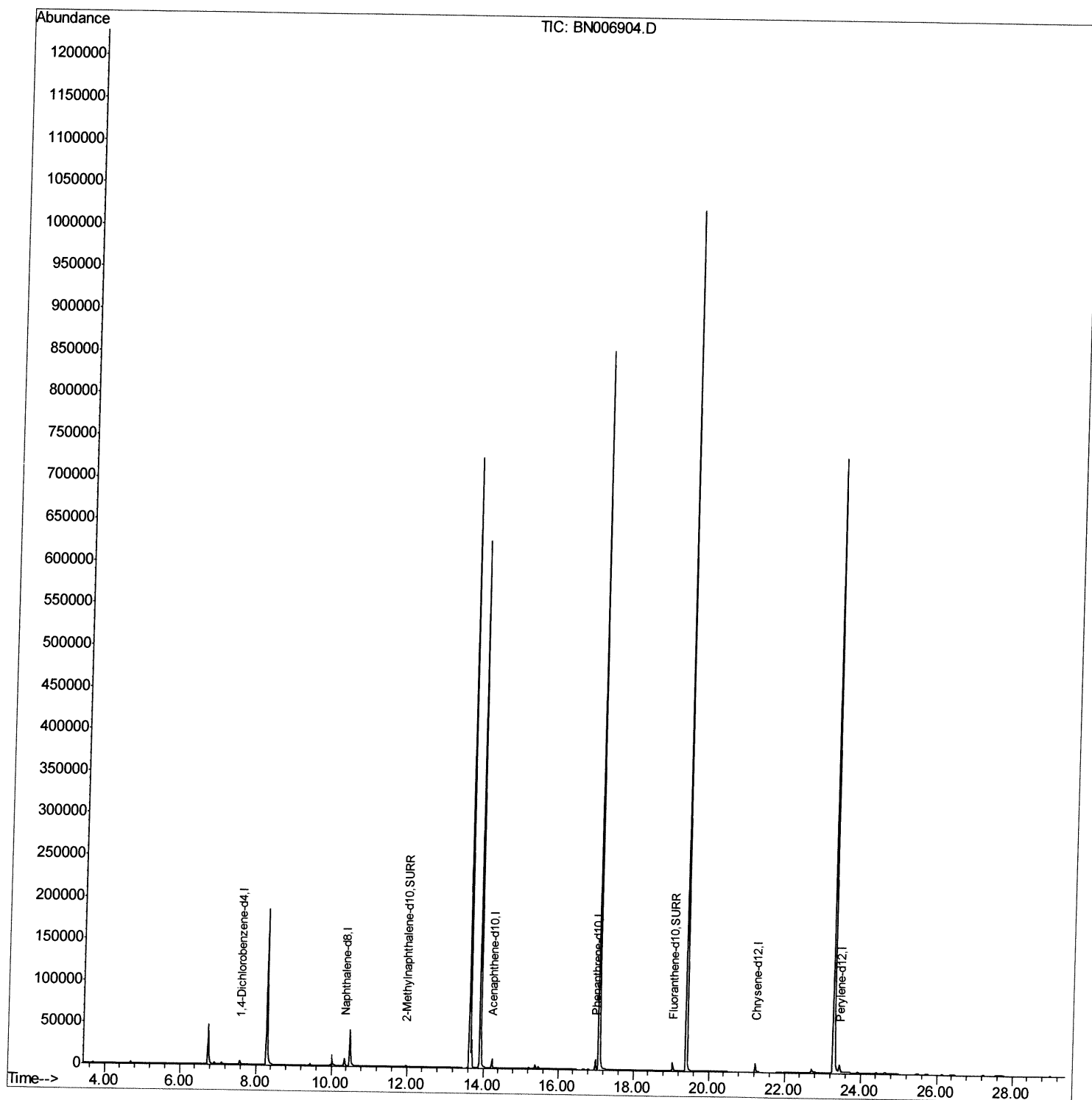
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
Data File : BN006904.D  
Acq On : 18 Jul 2019 22:30  
Operator : HP/JU  
Sample : K3764-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52H5

Manual Integrations  
APPROVED

mohammad  
7/19/2019 3:59:52 PM

Quant Time: Jul 19 04:33:22 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)

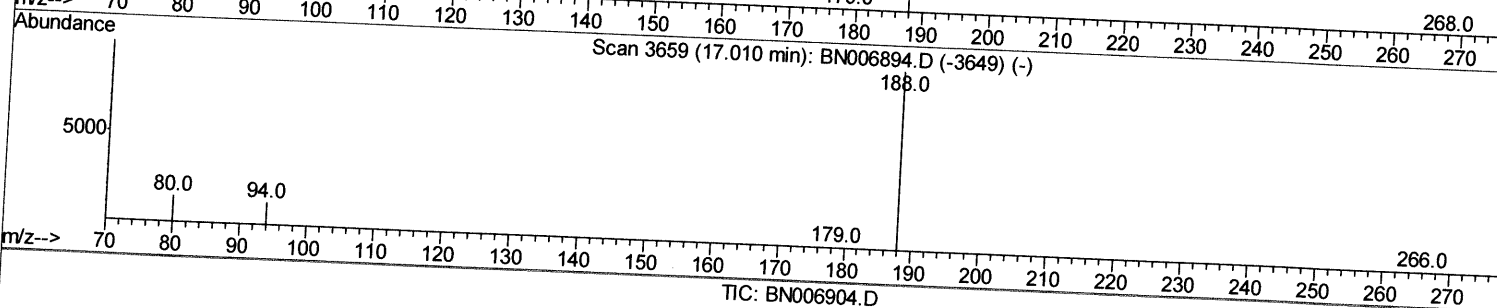
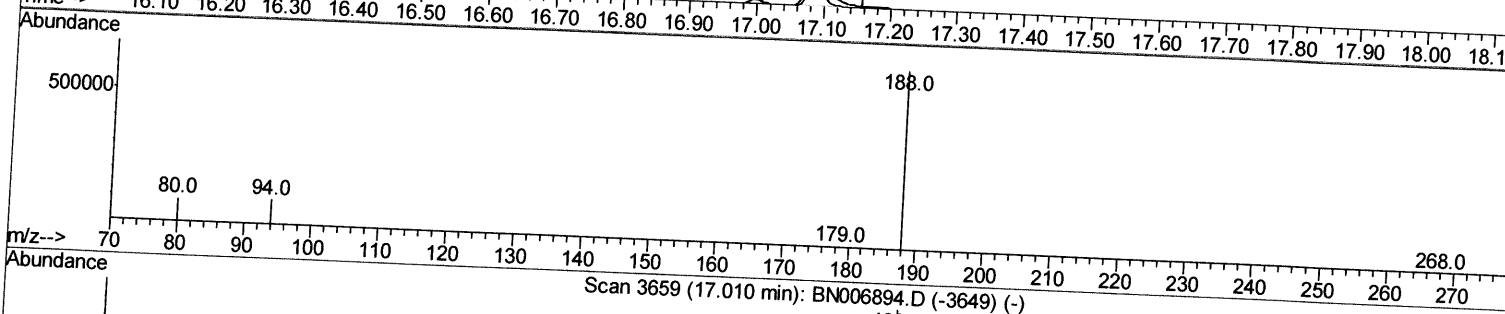
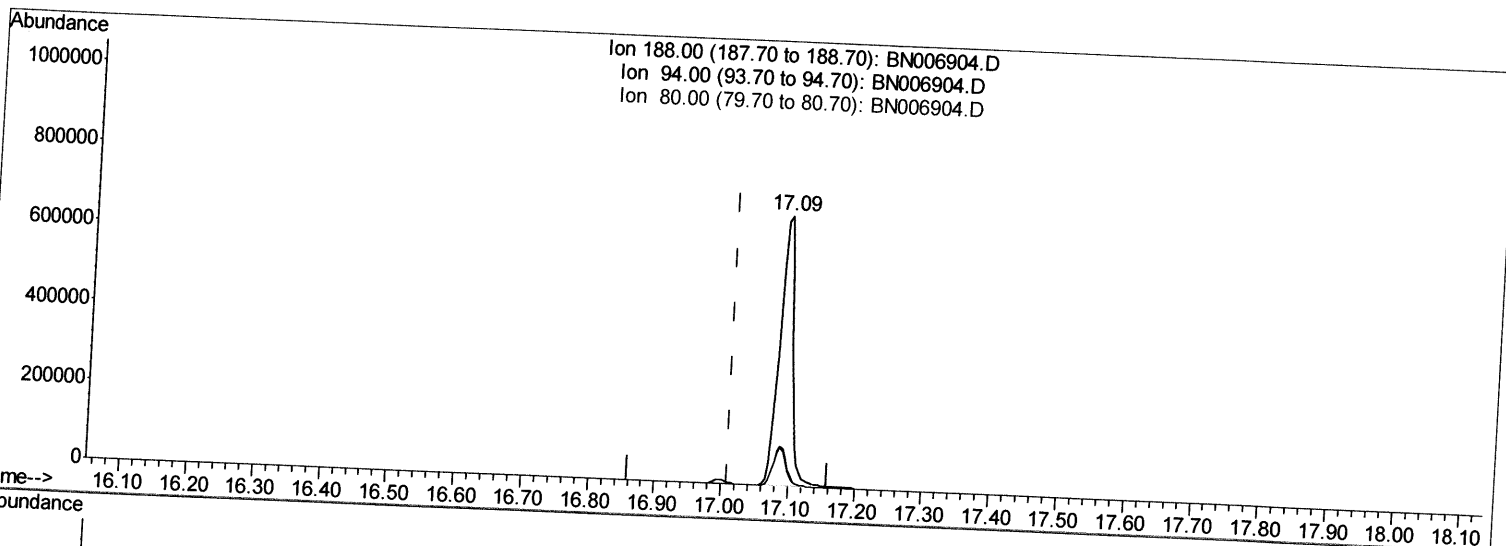
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 03:42:02 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 : Fri Jul 12 06:39:20 2019  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.090min (+0.080) 0.40ng/ul

response 957737

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.47 |
| 80.00  | 14.80 | 12.68 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

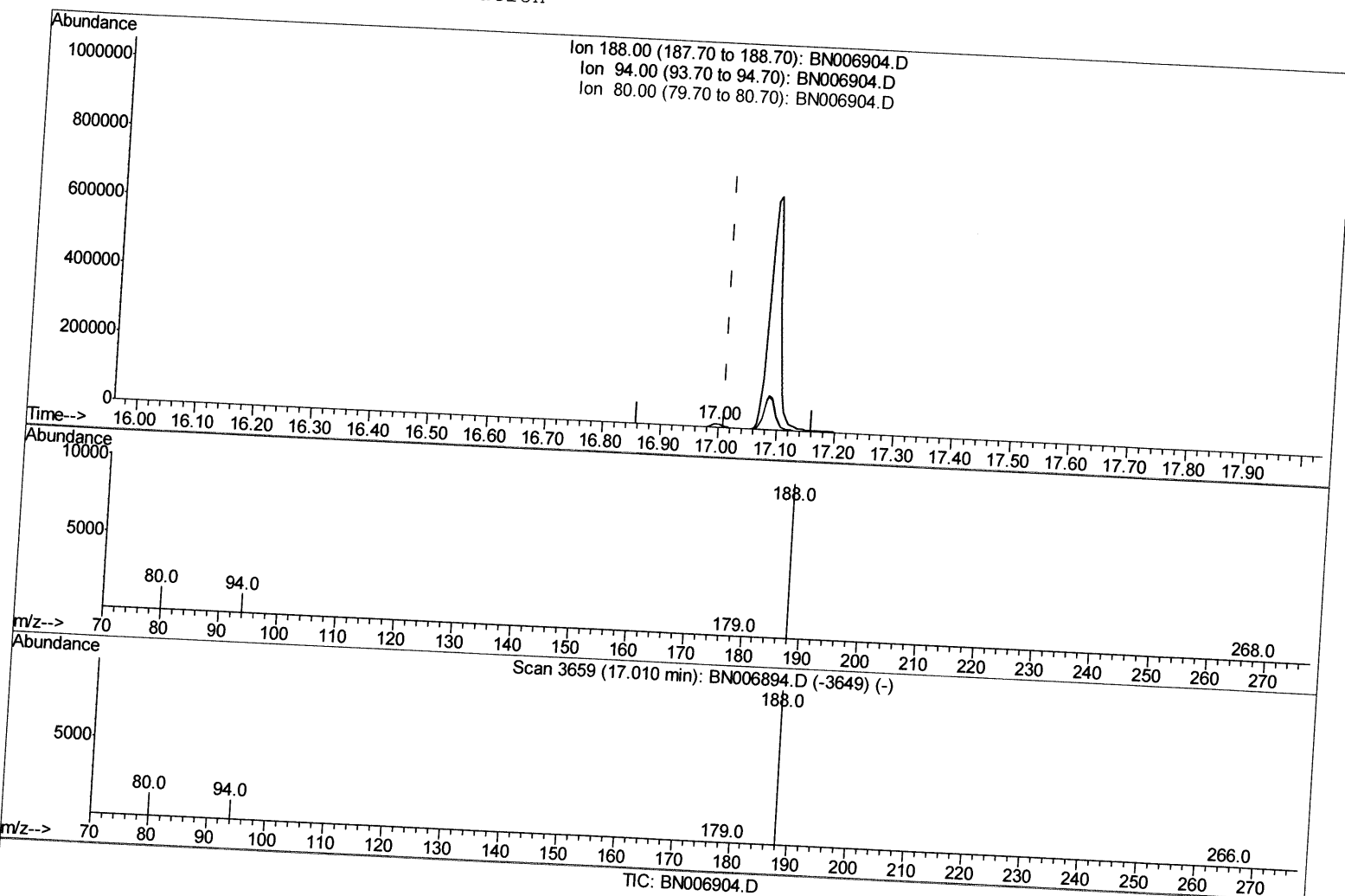
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 03:42:02 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 : Fri Jul 12 06:39:20 2019  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.997min (-0.013) 0.40ng/ul m *JU 07/19/19*

response 13914

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 12.57 |
| 80.00  | 14.80 | 14.46 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

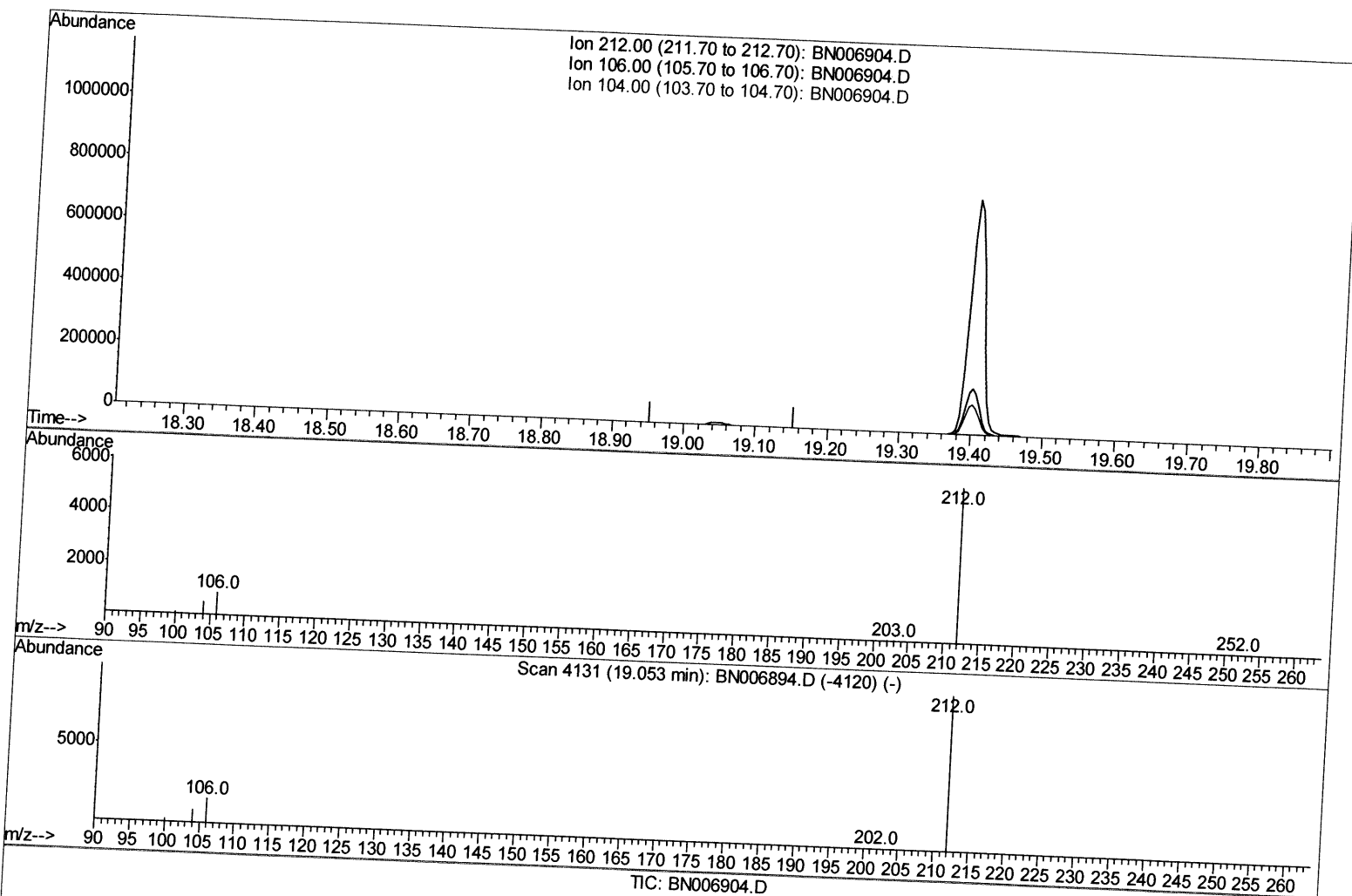
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 04:30:55 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



(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)

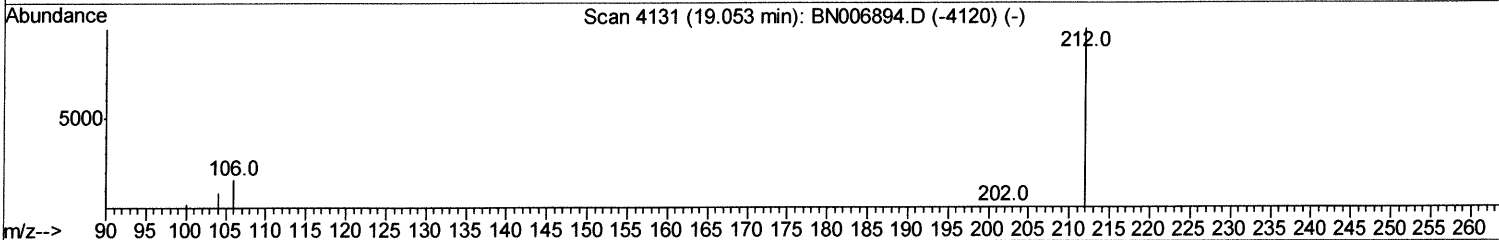
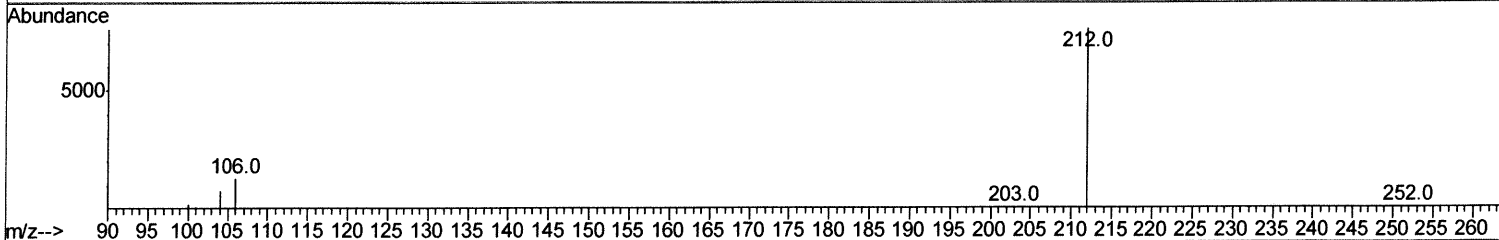
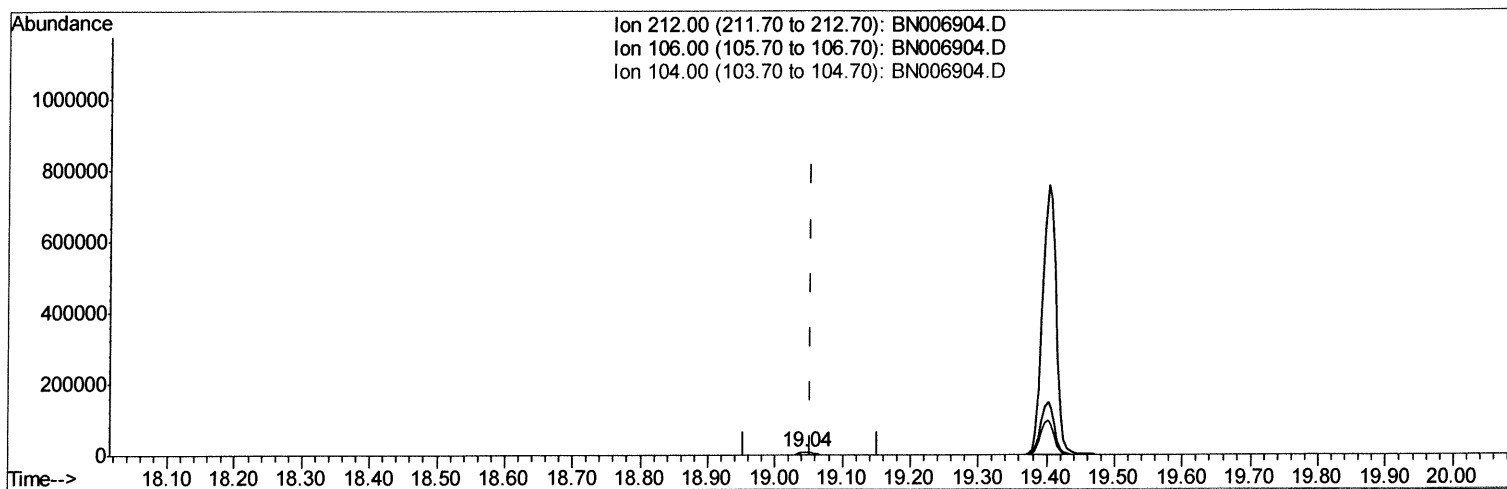
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 04:30:55 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: BN006904.D

(14) Fluoranthene-d10 (SURR)

19.044min (-0.009) 0.28ng/ul m

JU  
 07/19/19

response 11319

| 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)

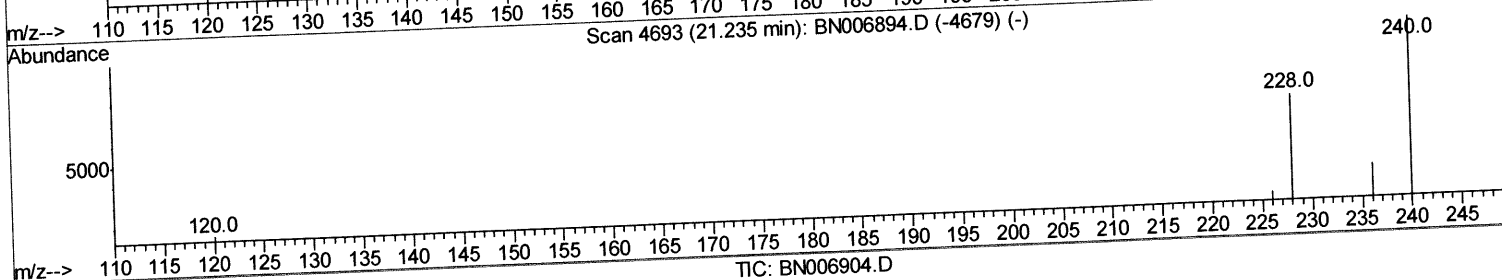
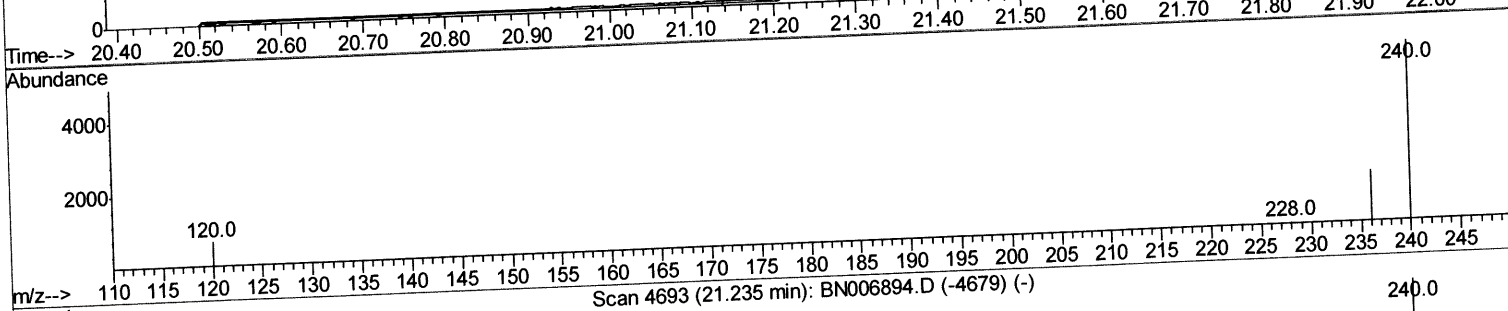
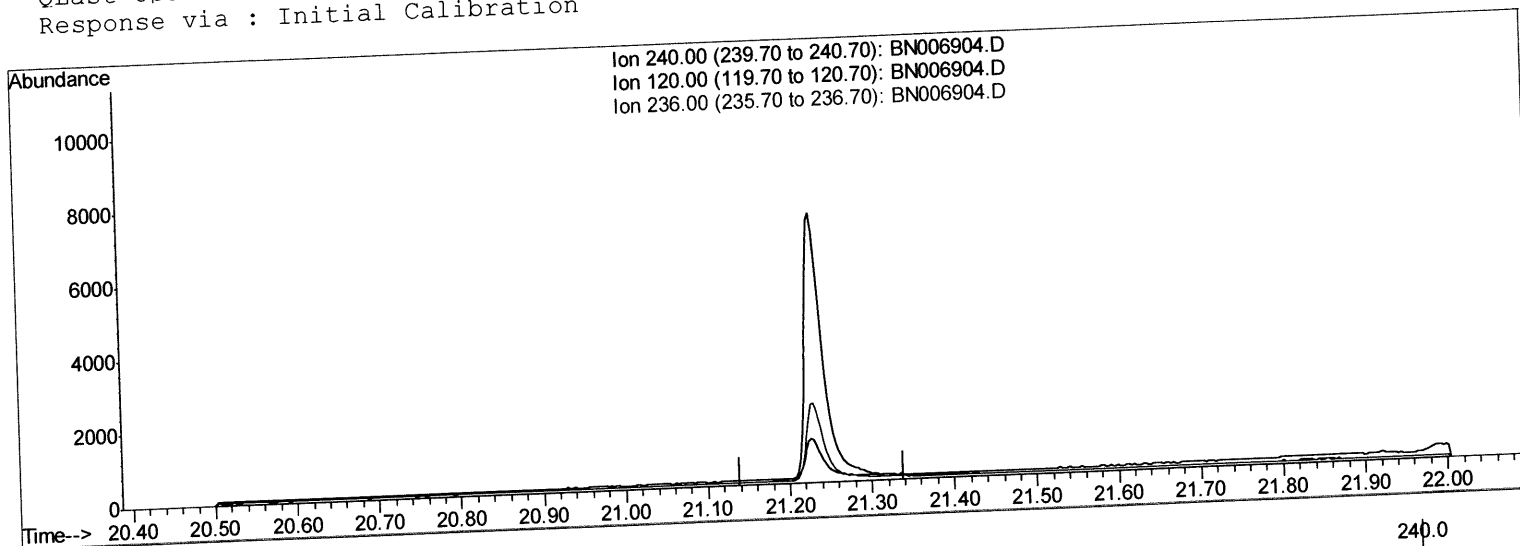
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 04:31:54 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)

21.239min (-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)

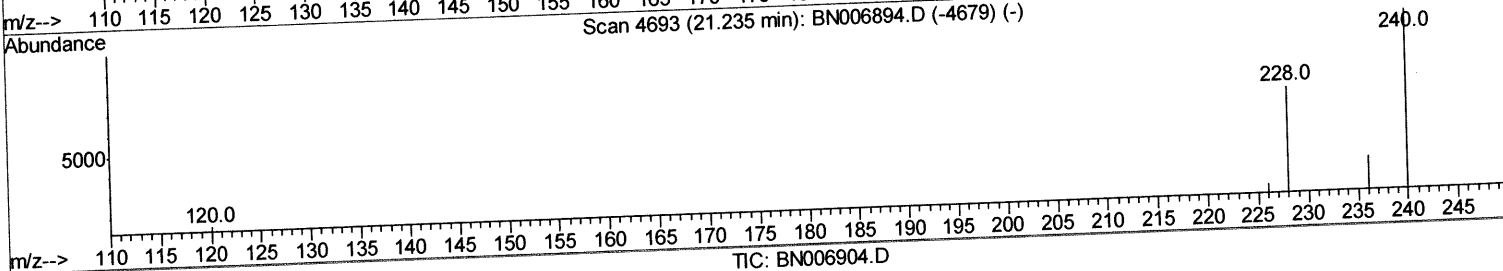
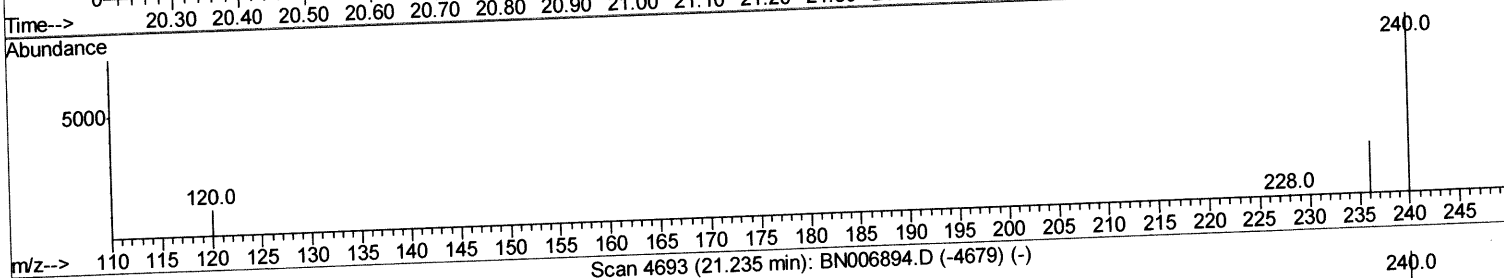
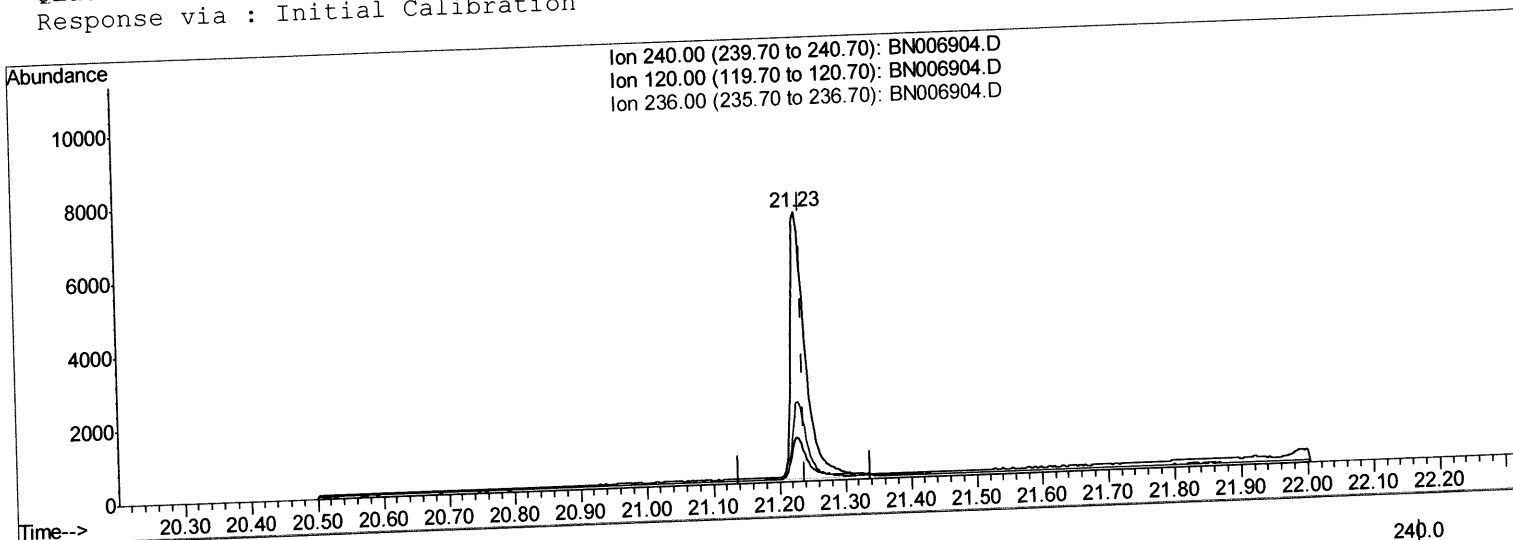
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 04:31:54 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)

21.230min (-0.009) 0.40ng/ul m

JU  
 07/19/19

response 11290

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.20 | 15.74# |
| 236.00 | 30.00 | 29.56  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

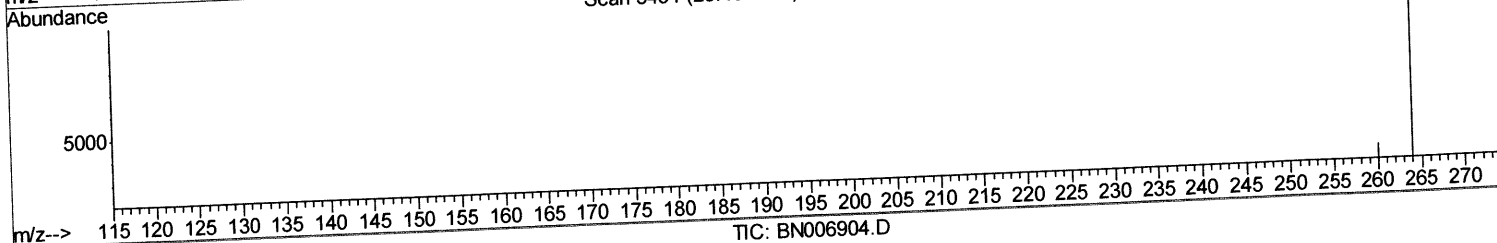
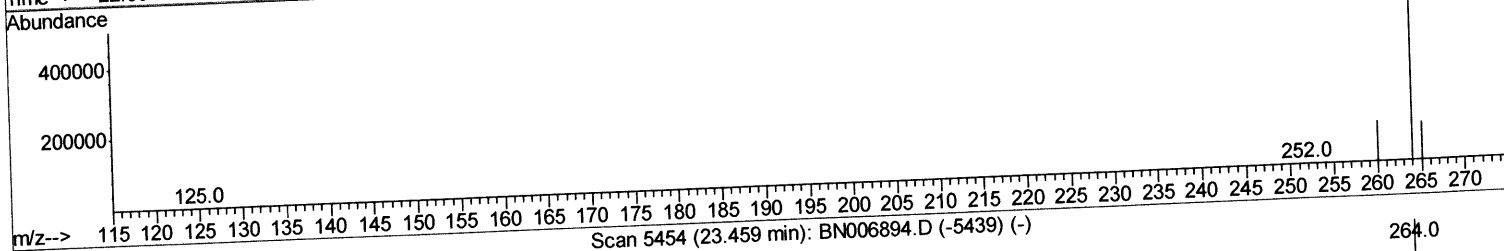
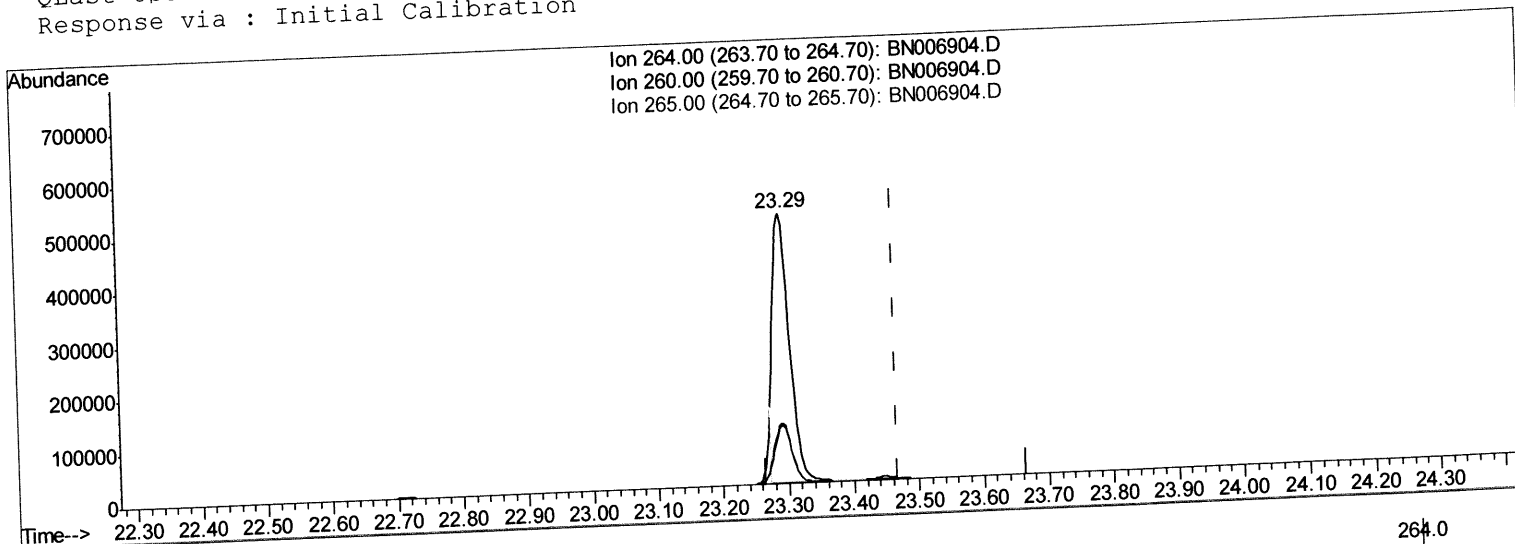
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 04:32:46 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



(20) Perylene-d12 (I)  
 23.294min (-0.173) 0.40ng/ul  
 response 891404

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.47  |
| 265.00 | 36.10 | 21.58# |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

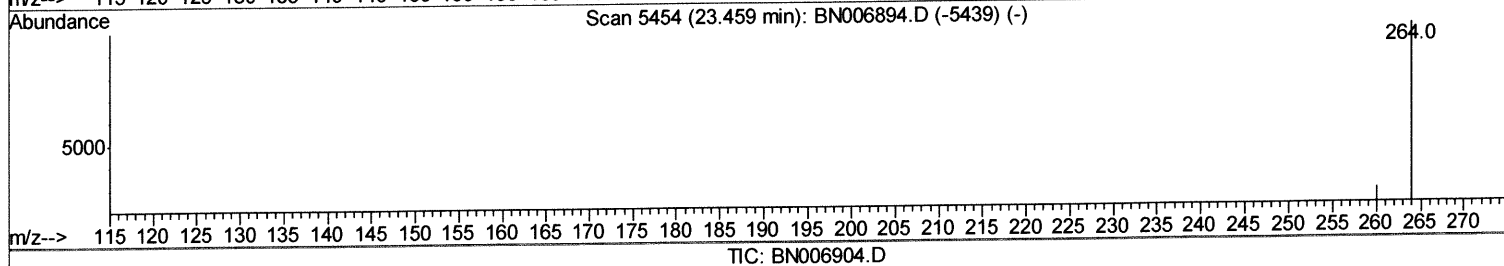
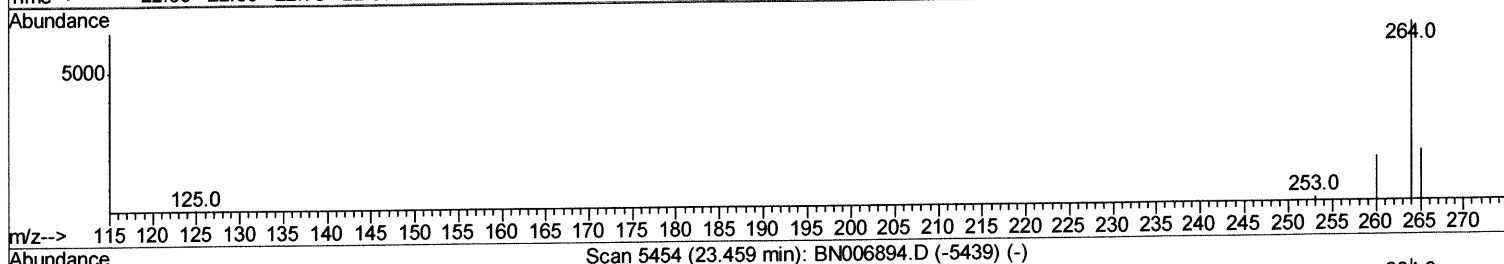
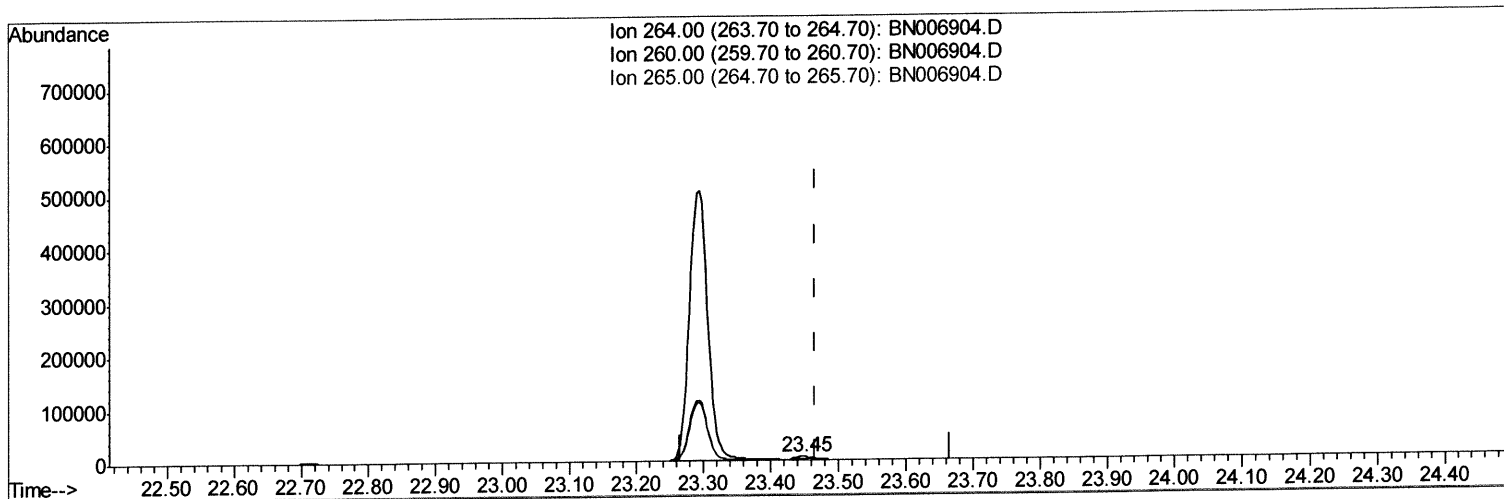
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 04:32:46 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



(20) Perylene-d12 (I)

23.449min (-0.018) 0.40ng/ul m

*JU*  
*07/19/19*

response 10072

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.92 |
| 265.00 | 36.10 | 30.01 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\  
 Data File : BN006904.D  
 Acq On : 18 Jul 2019 22:30  
 Operator : HP/JU  
 Sample : K3764-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52H5

Manual Integrations  
 APPROVED

mohammad  
 7/19/2019 3:59:52 PM

Quant Time: Jul 19 04:33:22 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   | 7.58  | 152  | 3437     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.35 | 136  | 12650    | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10         | 14.24 | 164  | 6441     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10        | 17.00 | 188  | 13914m>  | 0.40 | ng/ul | -0.01    |
| 16) Chrysene-d12            | 21.23 | 240  | 11290m>  | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12            | 23.45 | 264  | 10072m>  | 0.40 | ng/ul | -0.02    |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) 2-Methylnaphthalene-d10  | 11.98 | 152  | 4612     | 0.24 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.04 | 212  | 11319m>  | 0.28 | ng/ul | 0.00     |
|                             |       |      |          |      |       | Ovalue   |

Target Compounds

56 07/19/19  
 (#) = qualifier out of range (m) = manual integration (+) = signals summed