

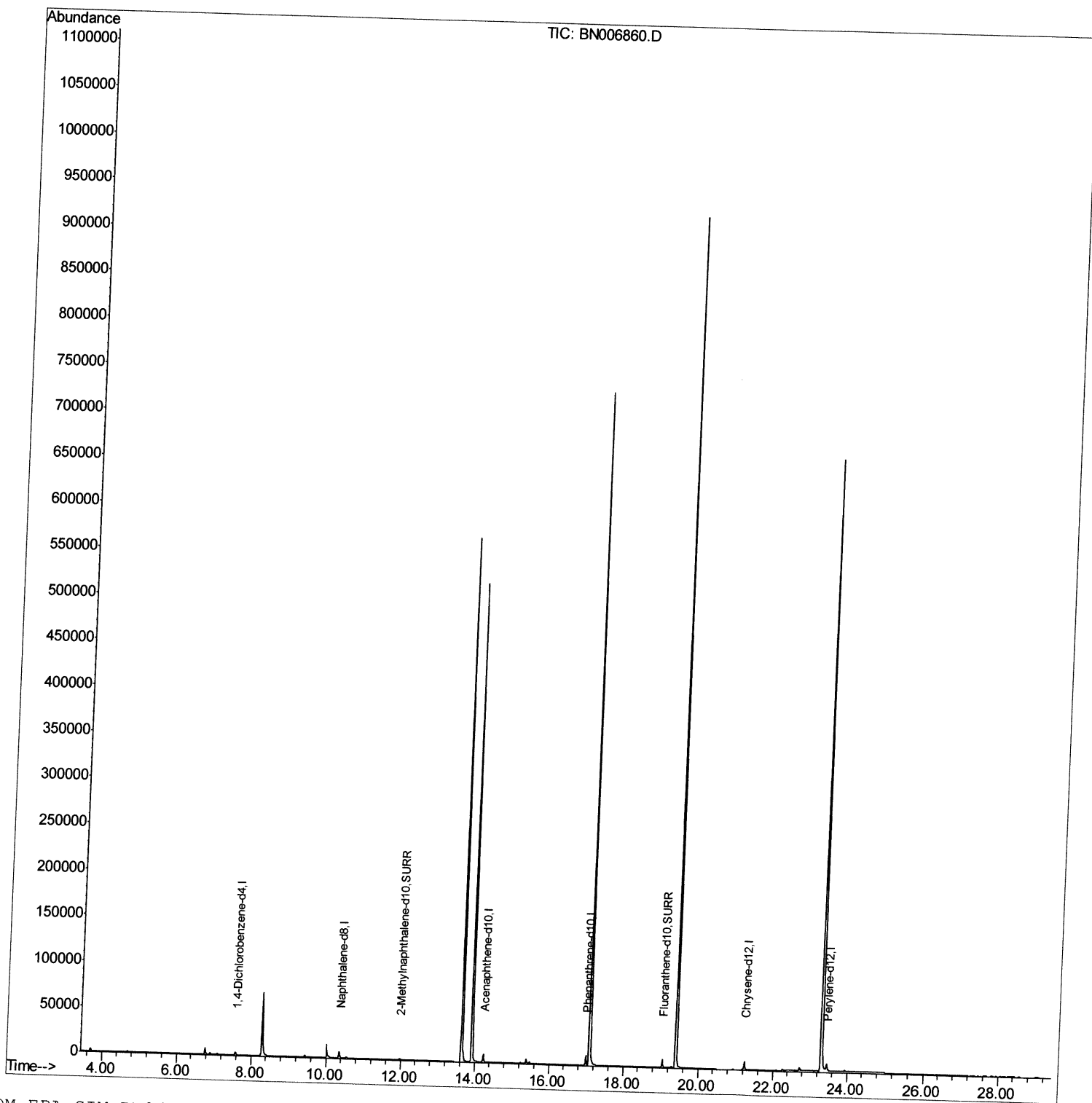
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
Data File : BN006860.D  
Acq On : 16 Jul 2019 11:19  
Operator : HP/JU  
Sample : K3772-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52N0

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:16:50 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



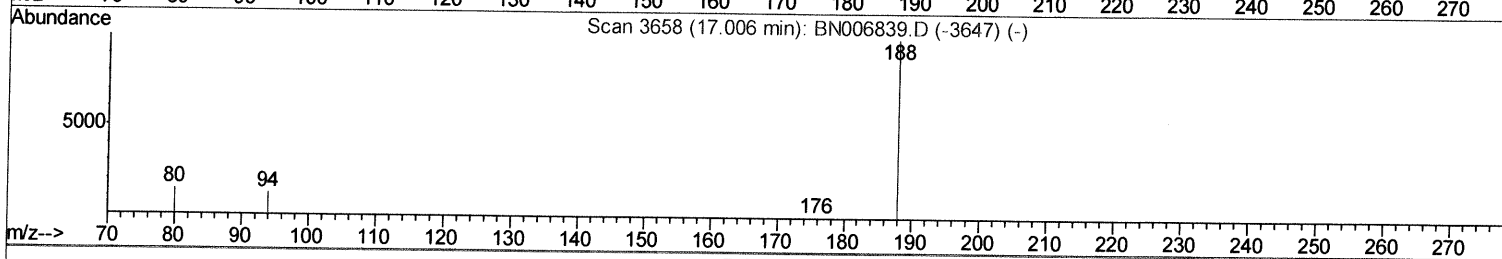
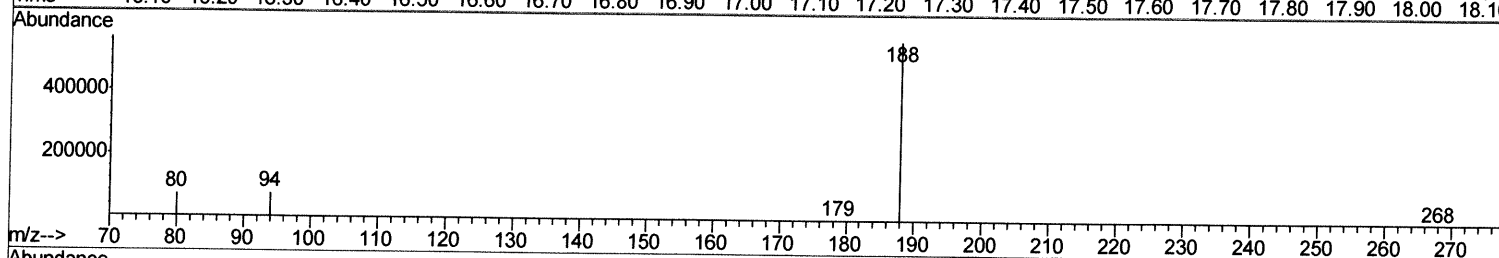
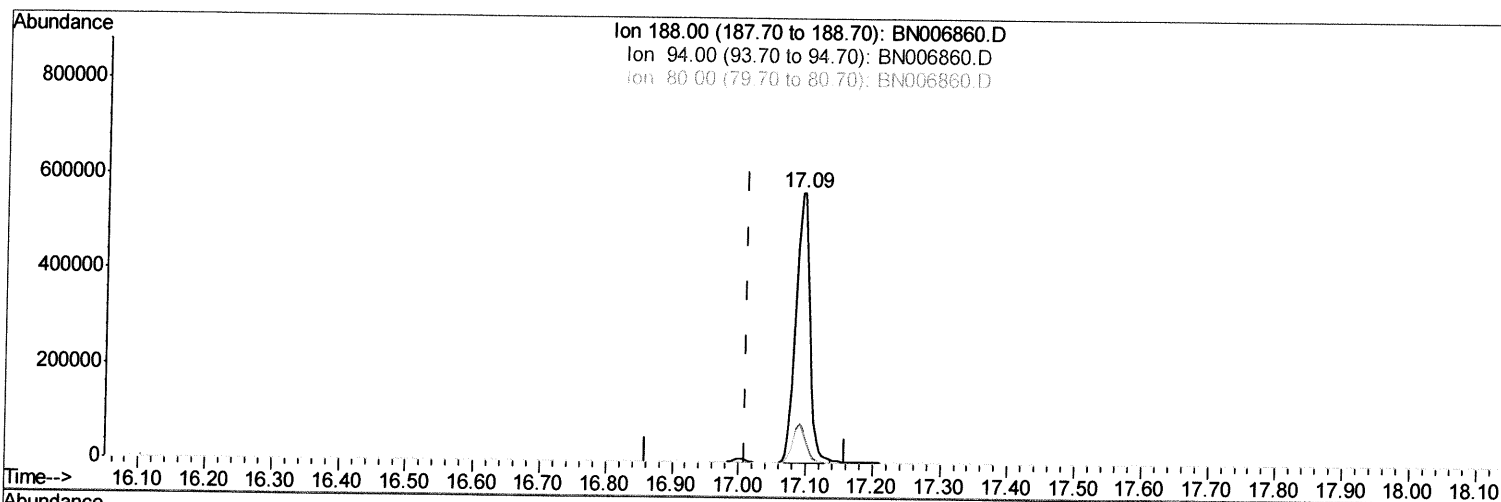
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
Data File : BN006860.D  
Acq On : 16 Jul 2019 11:19  
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Instrument :  
BNA\_N  
ClientSampleId :  
A52N0

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:13:23 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: BN006860.D

(10) Phenanthrene-d10 (I)

17.094min (+0.084) 0.40ng/ul

response 823533

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.21 |
| 80.00  | 14.80 | 12.39 |
| 0.00   | 0.00  | 0.00  |

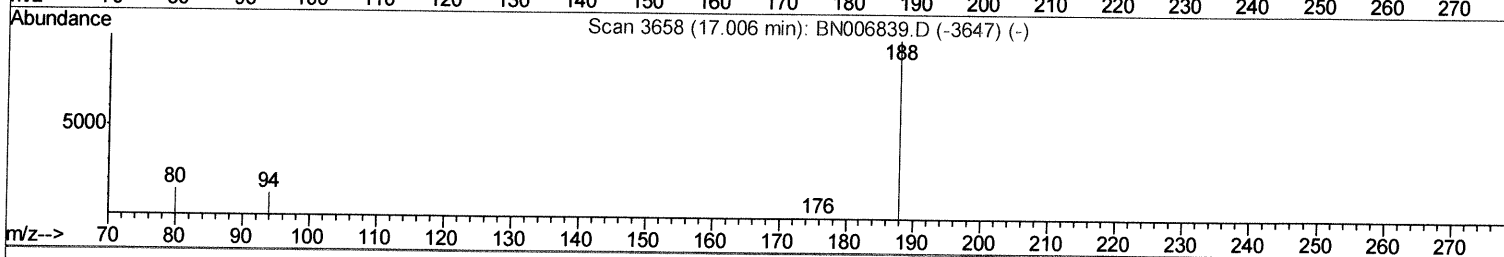
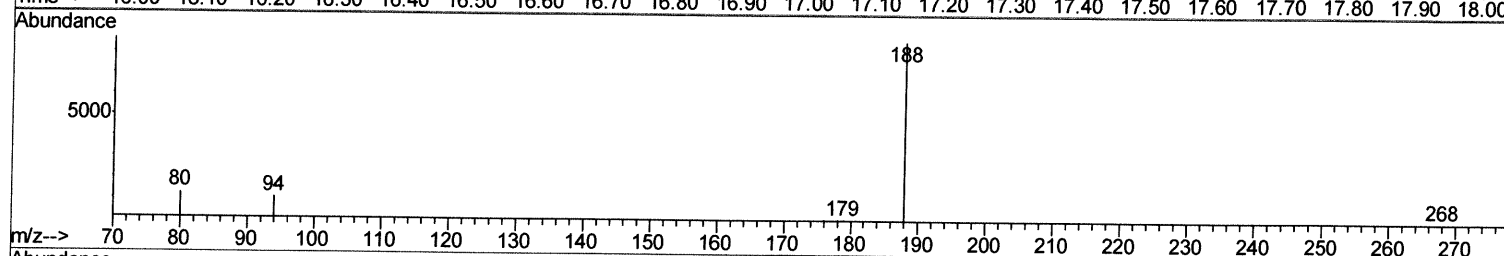
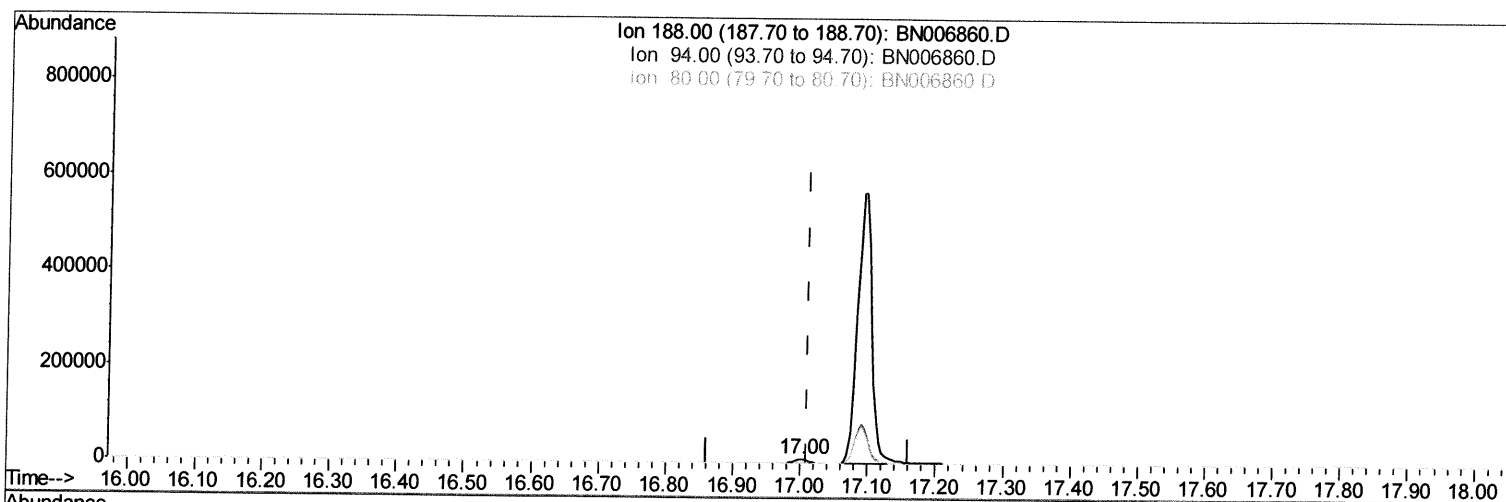
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
Data File : BN006860.D  
Acq On : 16 Jul 2019 11:19  
Operator : HP/JU  
Sample : K3772-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52N0

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:13:23 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: BN006860.D

(10) Phenanthrene-d10 (I)

17.002min (-0.009) 0.40ng/ul m *JU* 07/17/19

response 12113

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 11.99 |
| 80.00  | 14.80 | 14.20 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

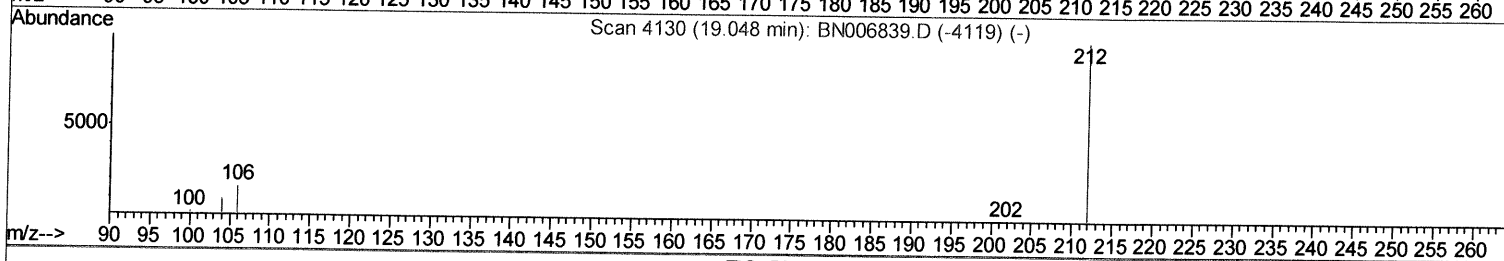
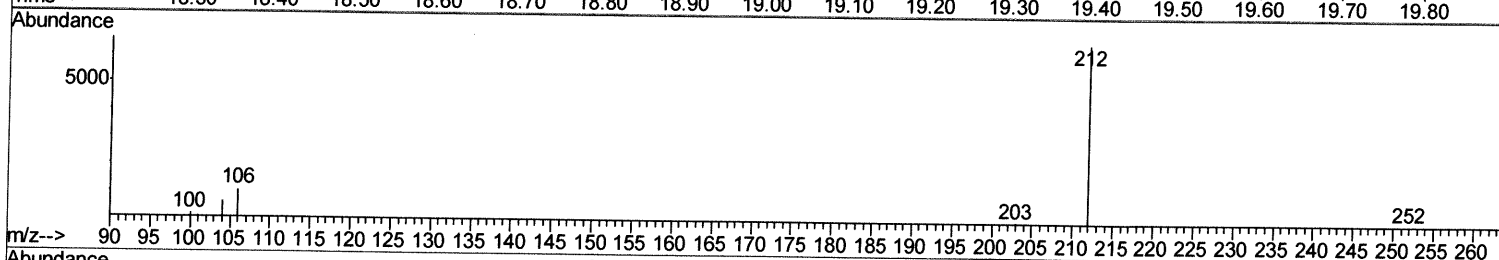
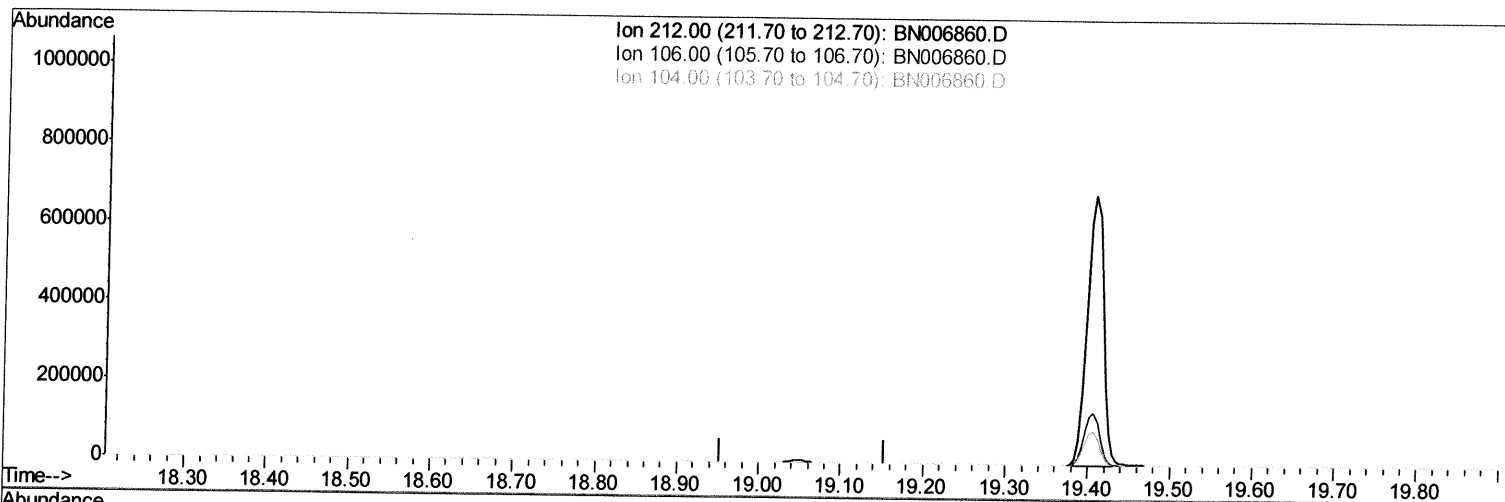
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
 Data File : BN006860.D  
 Acq On : 16 Jul 2019 11:19  
 Operator : HP/JU  
 Sample : K3772-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52N0

Manual Integrations  
 APPROVED

mohammad  
 7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:14:56 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: BN006860.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)

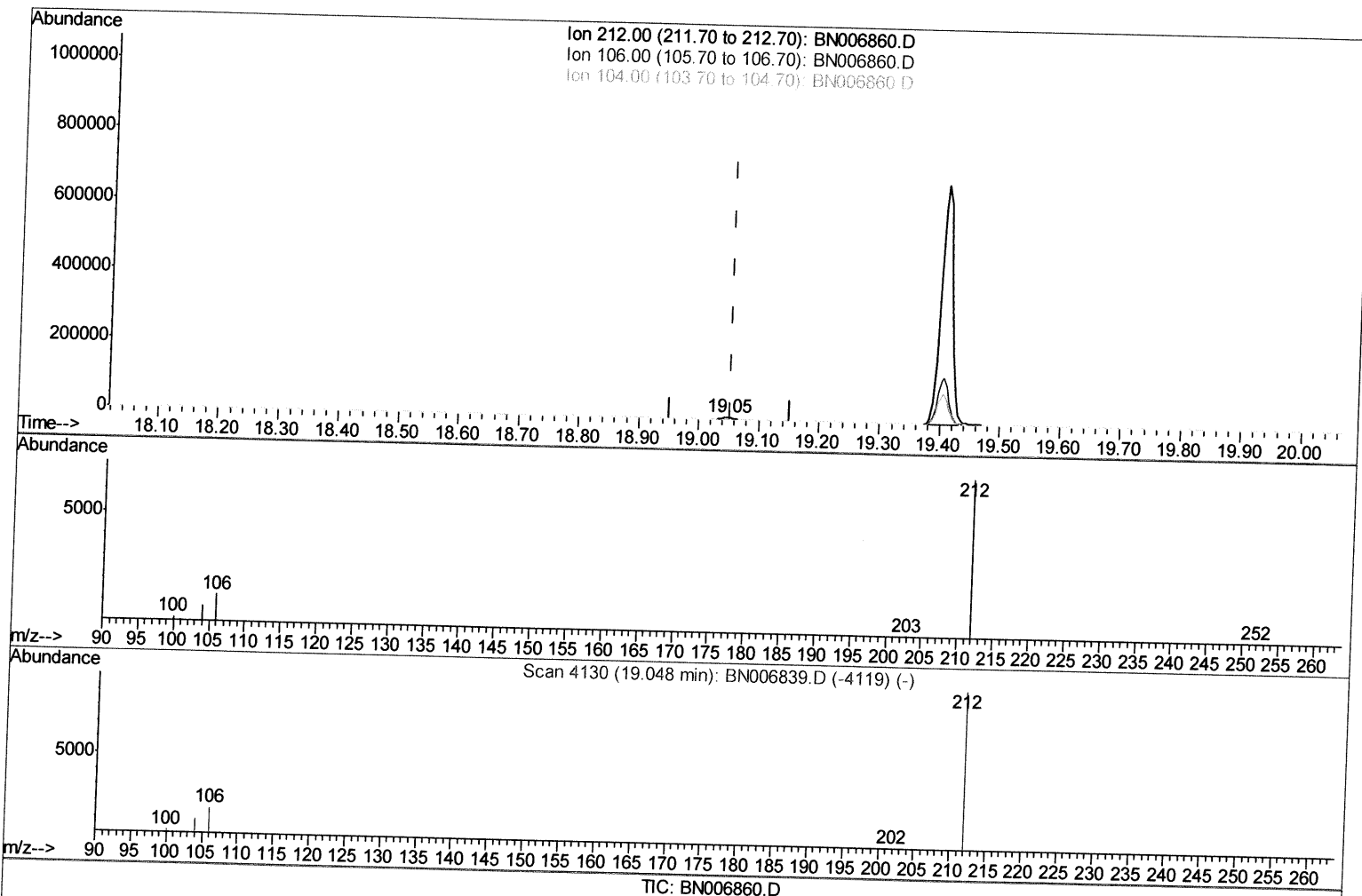
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
 Data File : BN006860.D  
 Acq On : 16 Jul 2019 11:19  
 Operator : HP/JU  
 Sample : K3772-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52N0

Manual Integrations  
 APPROVED

mohammad  
 7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:14:56 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)

19.048min (-0.005) 0.29ng/ul m

response 10434

| 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  |

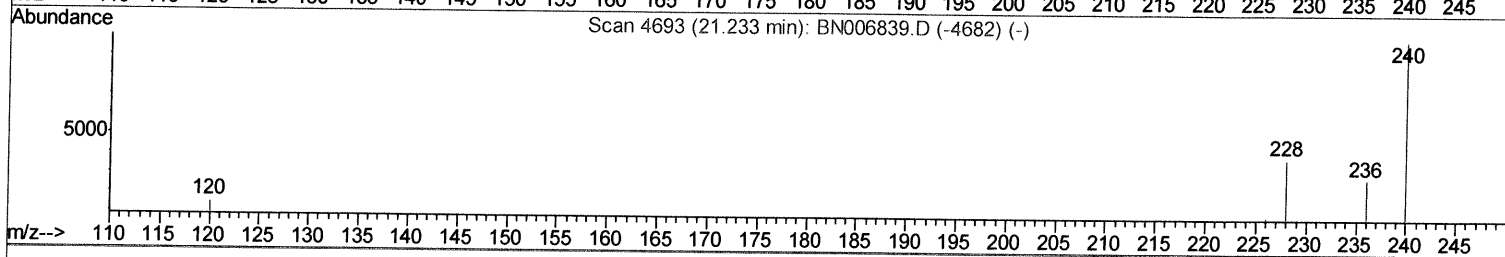
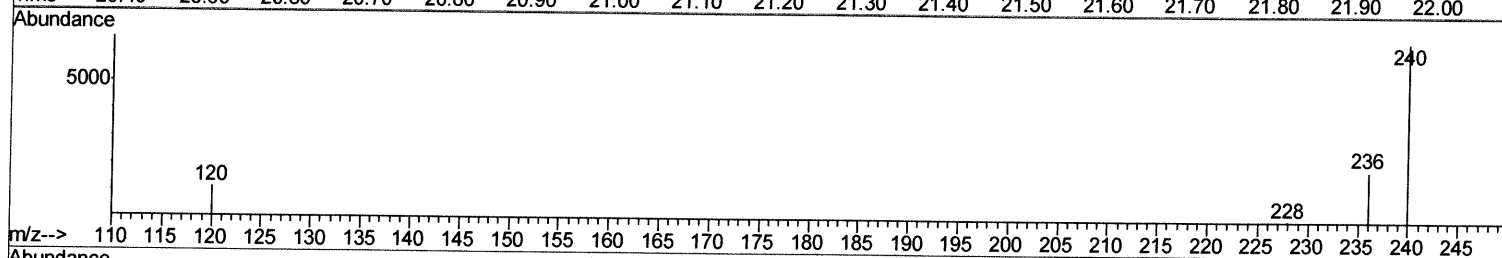
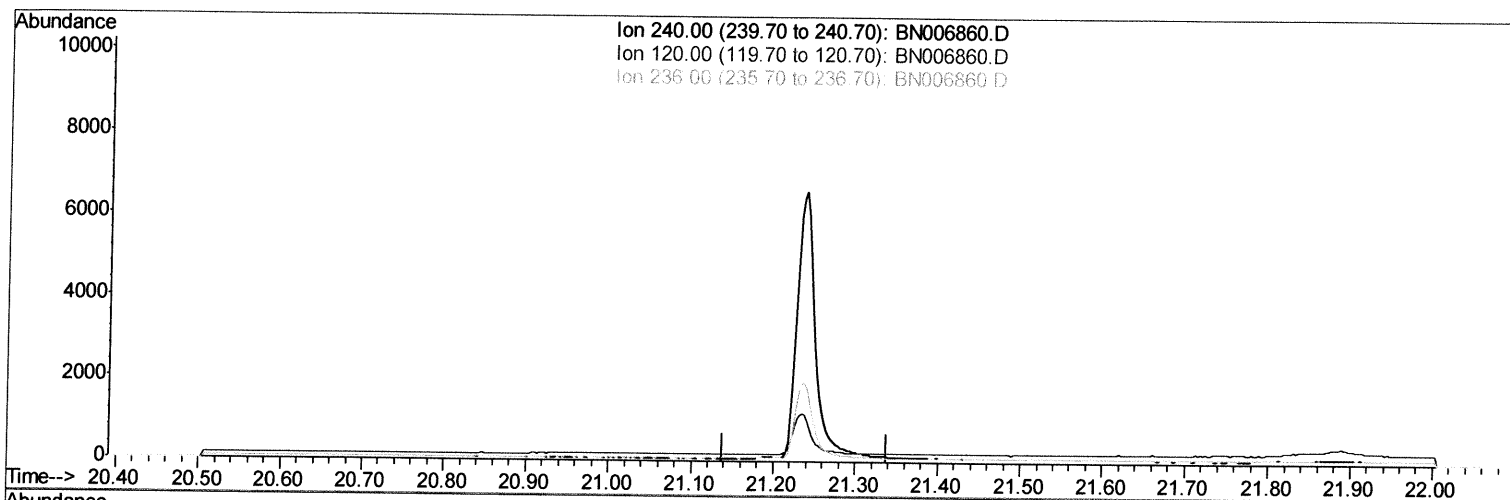
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
Data File : BN006860.D  
Acq On : 16 Jul 2019 11:19  
Operator : HP/JU  
Sample : K3772-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A52N0

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:14:56 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: BN006860.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)

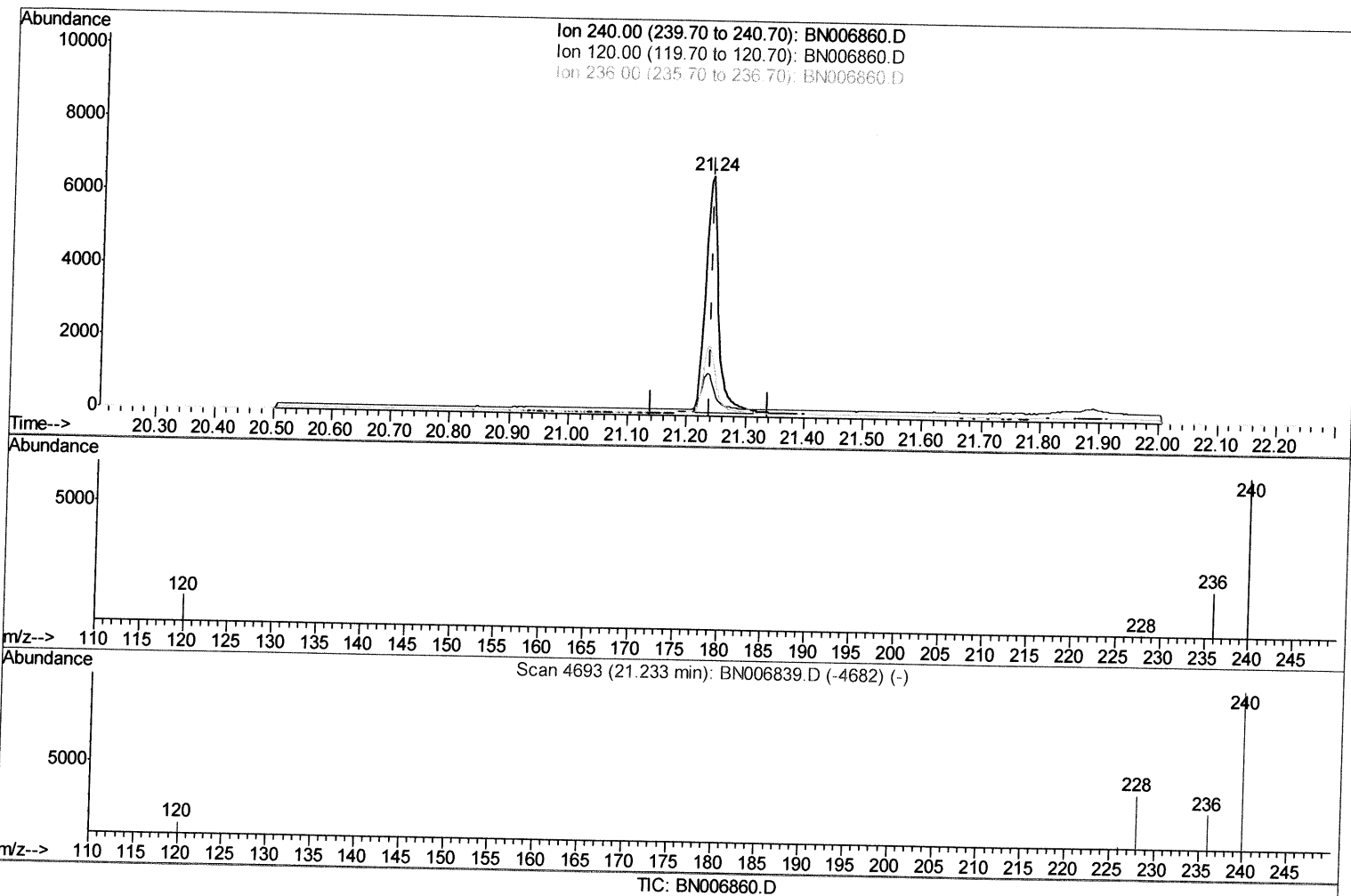
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
 Data File : BN006860.D  
 Acq On : 16 Jul 2019 11:19  
 Operator : HP/JU  
 Sample : K3772-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52N0

Manual Integrations  
 APPROVED

mohammad  
 7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:14:56 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)

21.238min (-0.001) 0.40ng/ul m 07/17/19

response 10164

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.20 | 17.23 |
| 236.00 | 30.00 | 29.24 |
| 0.00   | 0.00  | 0.00  |

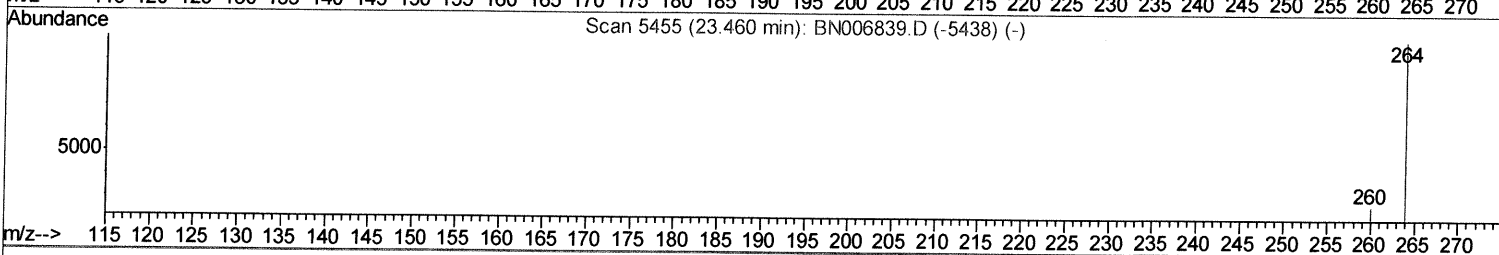
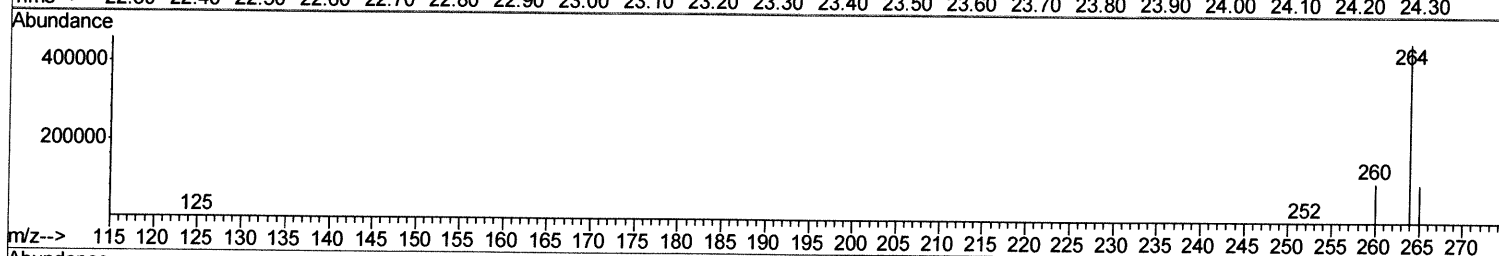
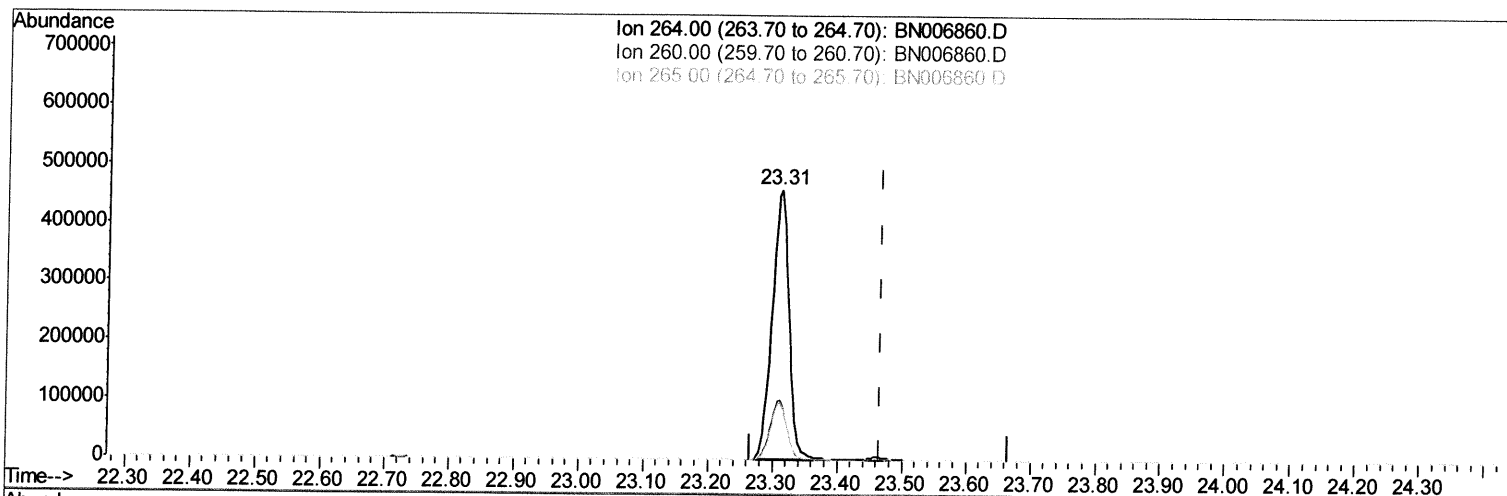
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
Data File : BN006860.D  
Acq On : 16 Jul 2019 11:19  
Operator : HP/JU  
Sample : K3772-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52N0

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:15:52 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: BN006860.D

(20) Perylene-d12 (I)

23.310min (-0.156) 0.40ng/ul

response 828274

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.35  |
| 265.00 | 36.10 | 21.58# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

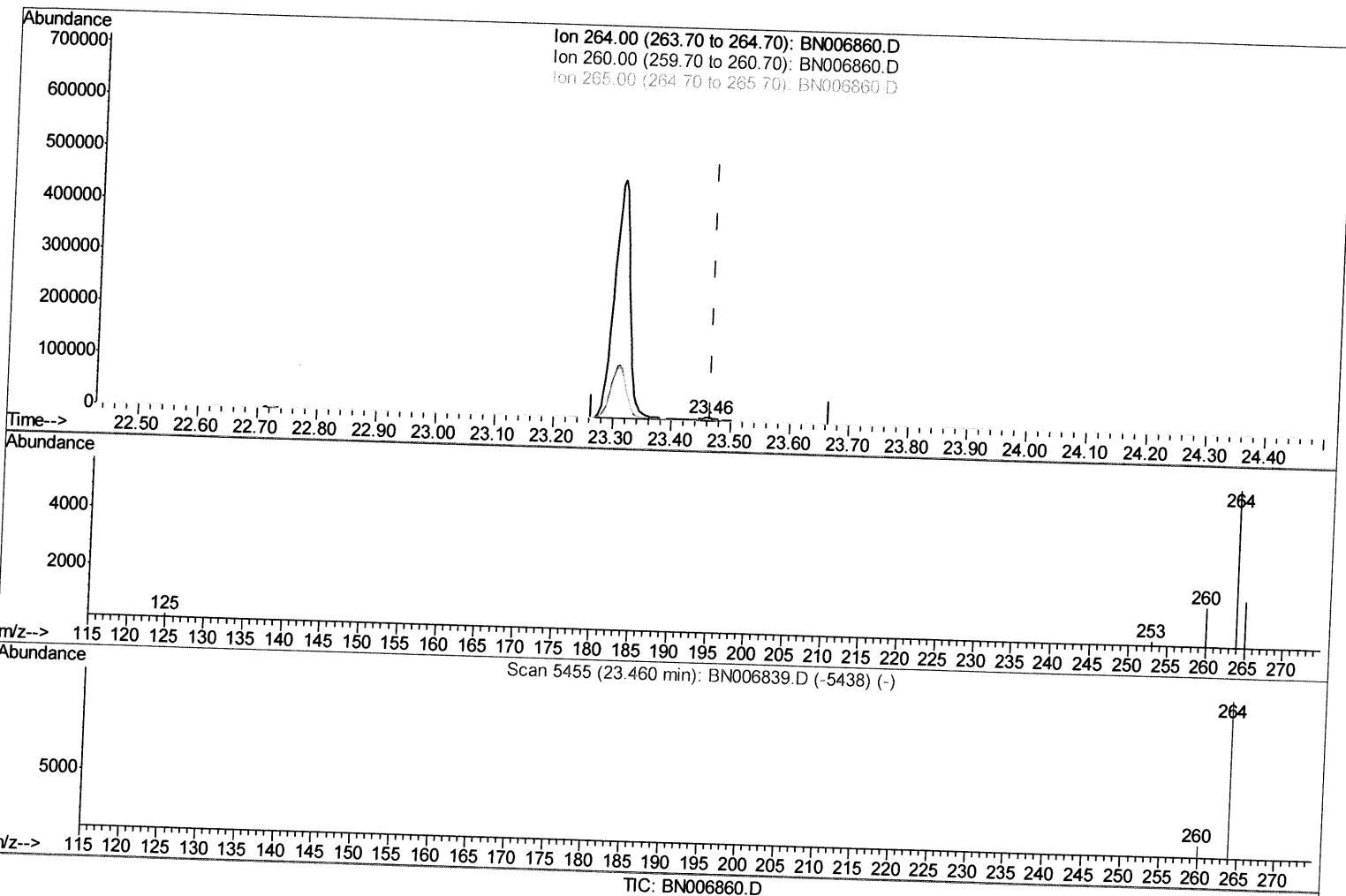
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
 Data File : BN006860.D  
 Acq On : 16 Jul 2019 11:19  
 Operator : HP/JU  
 Sample : K3772-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52N0

Manual Integrations  
 APPROVED

mohammad  
 7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:15:52 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)

23.462min (-0.004) 0.40ng/ul m 07/17/19

response 9006

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 27.15 |
| 265.00 | 36.10 | 31.65 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071619\  
Data File : BN006860.D  
Acq On : 16 Jul 2019 11:19  
Operator : HP/JU  
Sample : K3772-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A52N0

Manual Integrations  
APPROVED

mohammad  
7/17/2019 7:41:43 AM

Quant Time: Jul 16 14:16:50 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN062719.M  
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| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 2906     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.35 | 136  | 10544    | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10         | 14.24 | 164  | 5387     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10        | 17.00 | 188  | 12113m>  | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12            | 21.24 | 240  | 10164m>  | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12            | 23.46 | 264  | 9006m>   | 0.40 | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) 2-Methylnaphthalene-d10  | 11.98 | 152  | 3756     | 0.23 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 10434m>  | 0.29 | ng/ul | 0.00     |

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed  
JU 07/17/19