

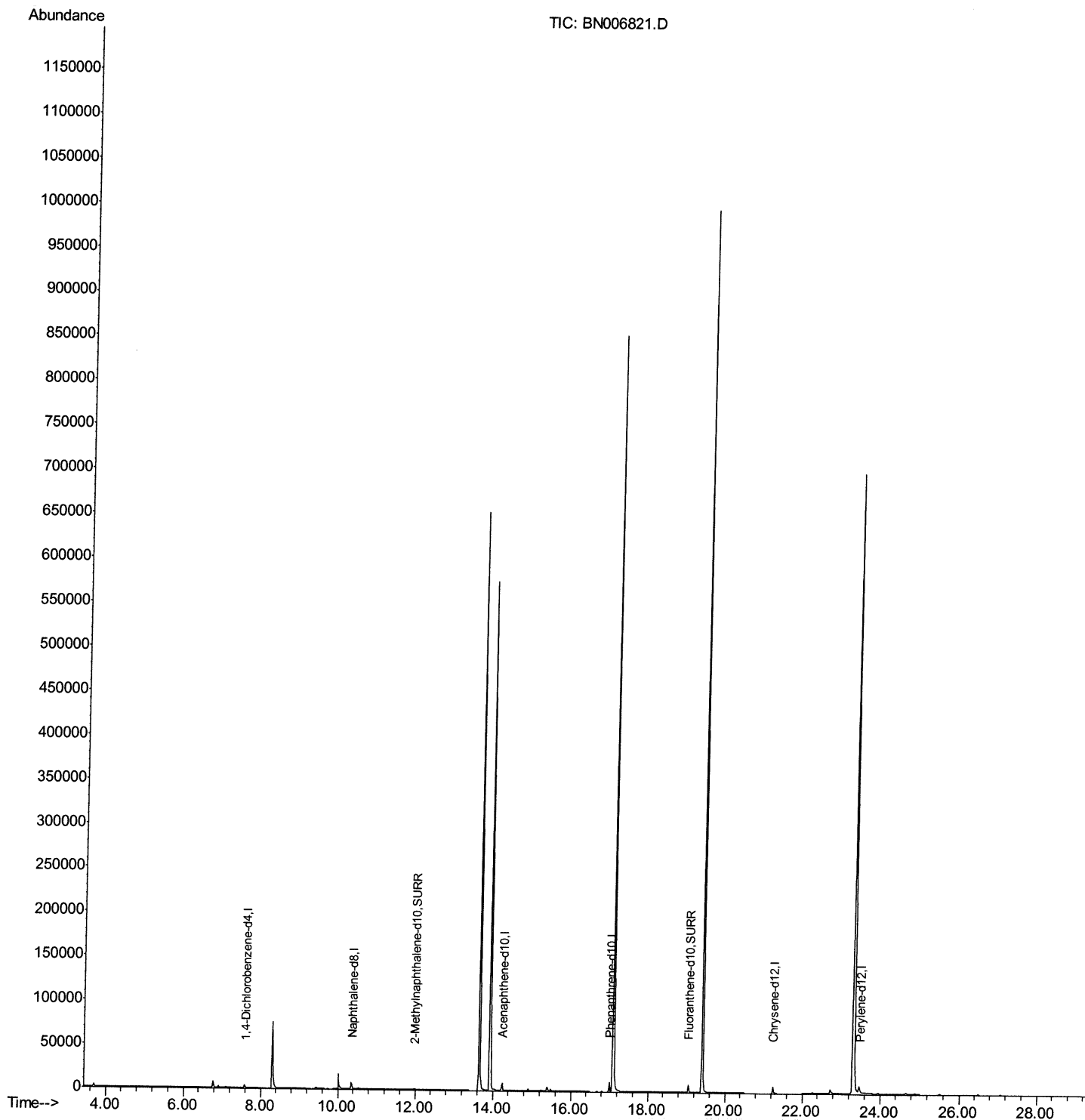
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006821.D  
Acq On : 12 Jul 2019 06:59  
Operator : HP/JU  
Sample : K3717-08  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF492

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:58:27 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)

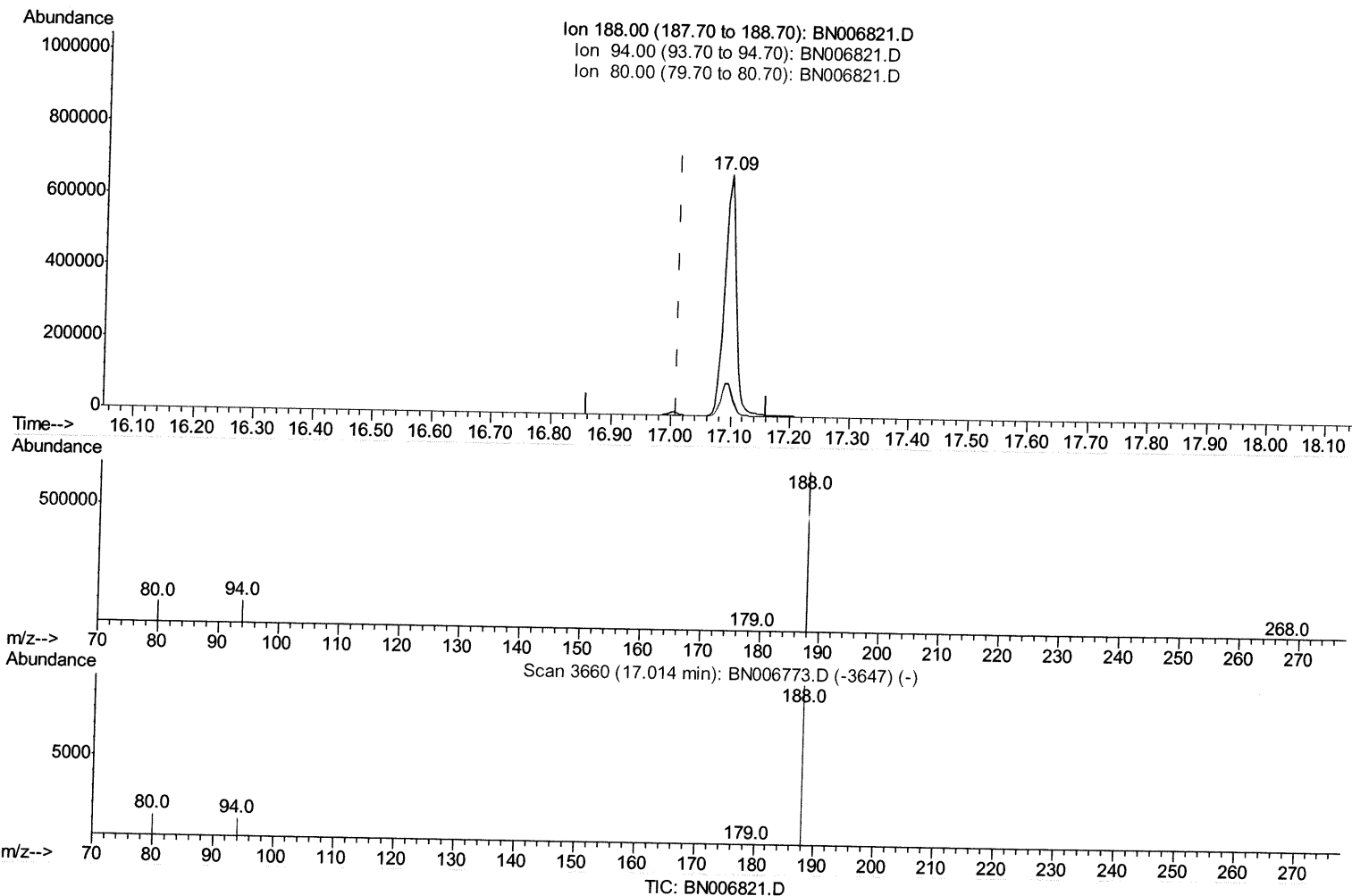
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
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Manual Integrations  
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mohammad  
 7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:43:43 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)

17.095min (+0.085) 0.40ng/ul

response 899049

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.79 |
| 80.00  | 14.80 | 13.00 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

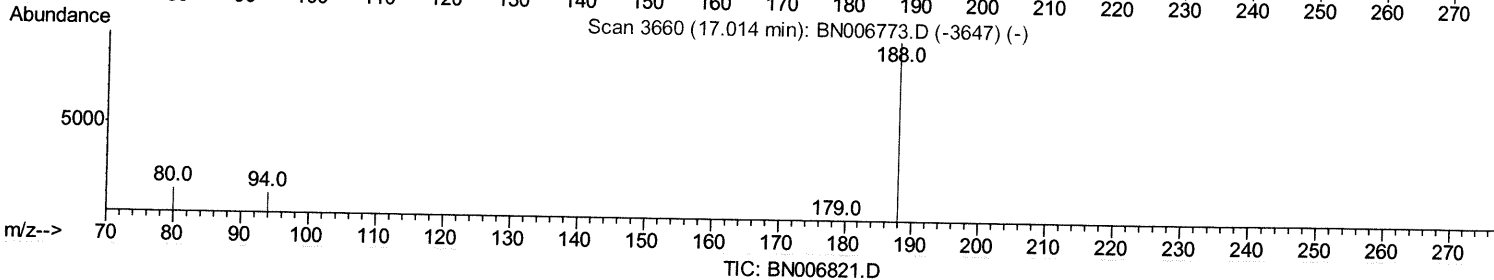
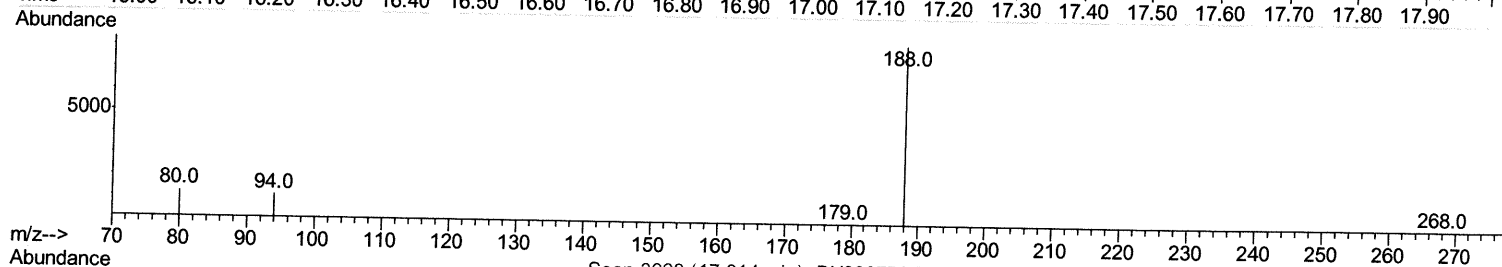
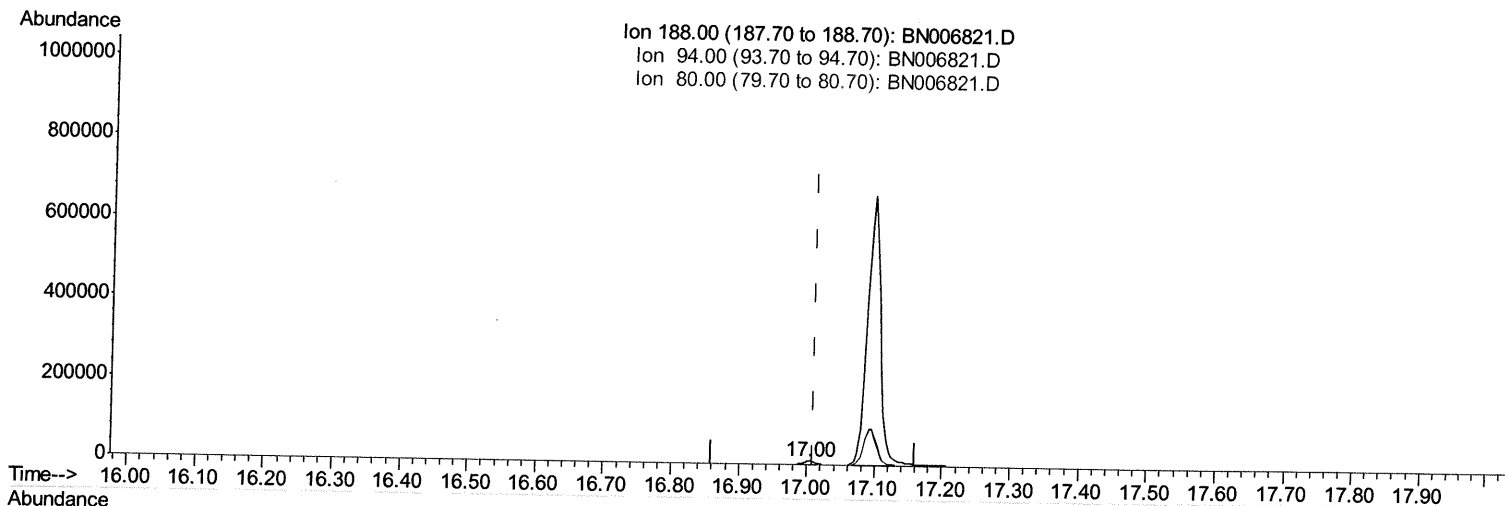
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006821.D  
 Acq On : 12 Jul 2019 06:59  
 Operator : HP/JU  
 Sample : K3717-08  
 Misc :  
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Instrument :  
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Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:43:43 2019  
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 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)

17.002min (-0.008) 0.40ng/ul m *50* *07/12/19*

response 11574

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.23 |
| 80.00  | 14.80 | 15.16 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

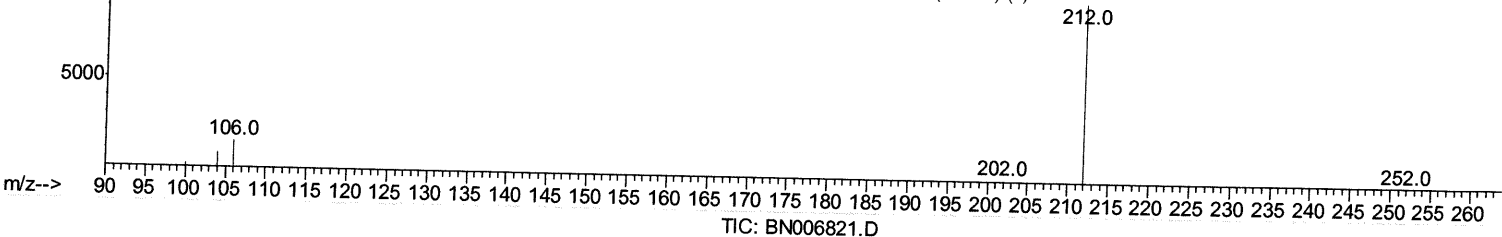
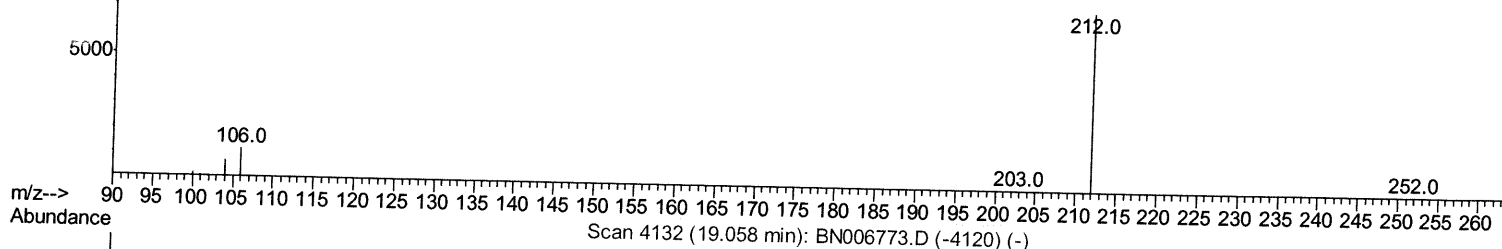
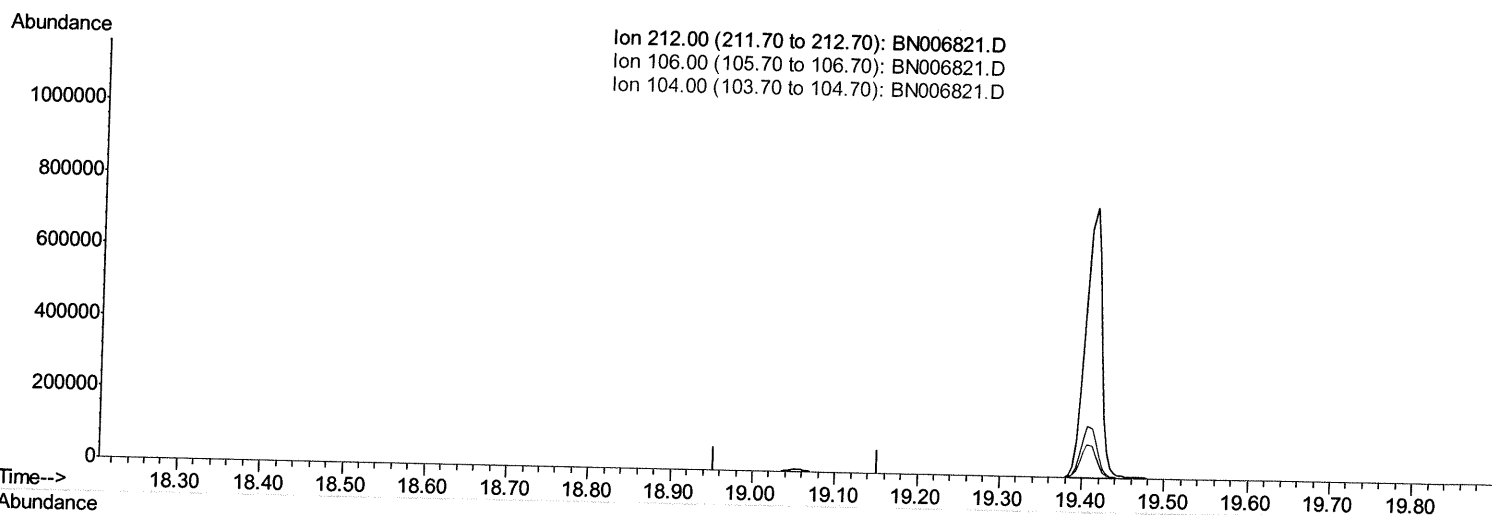
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006821.D  
 Acq On : 12 Jul 2019 06:59  
 Operator : HP/JU  
 Sample : K3717-08  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF492

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:56:20 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/ui

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)

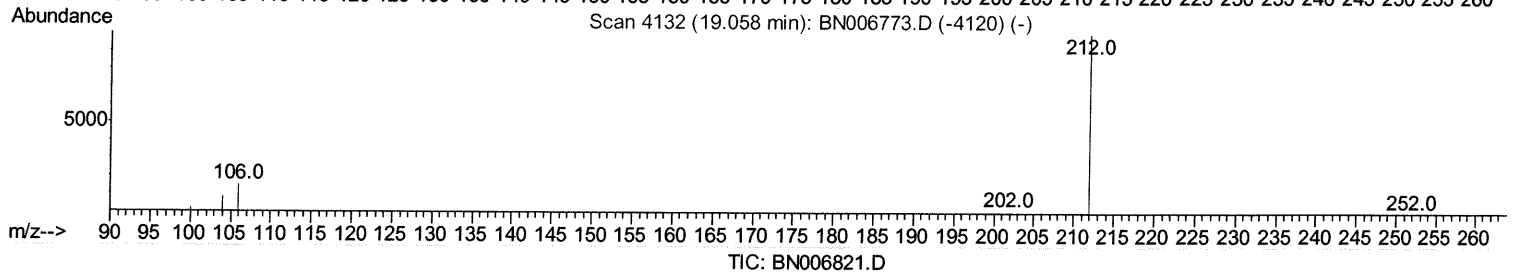
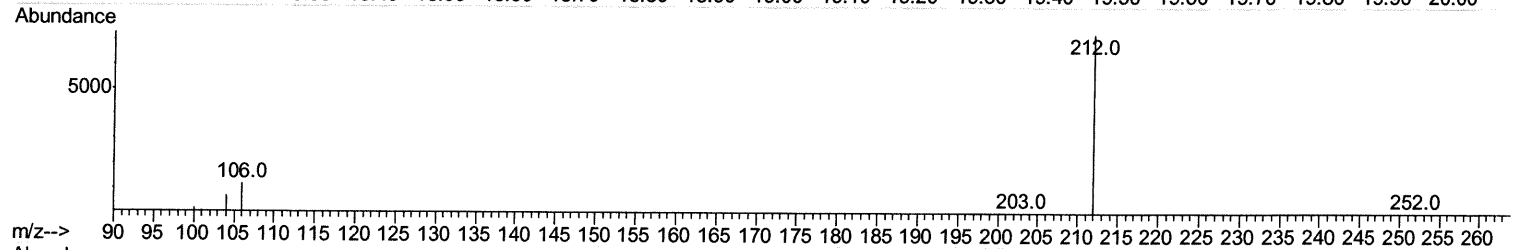
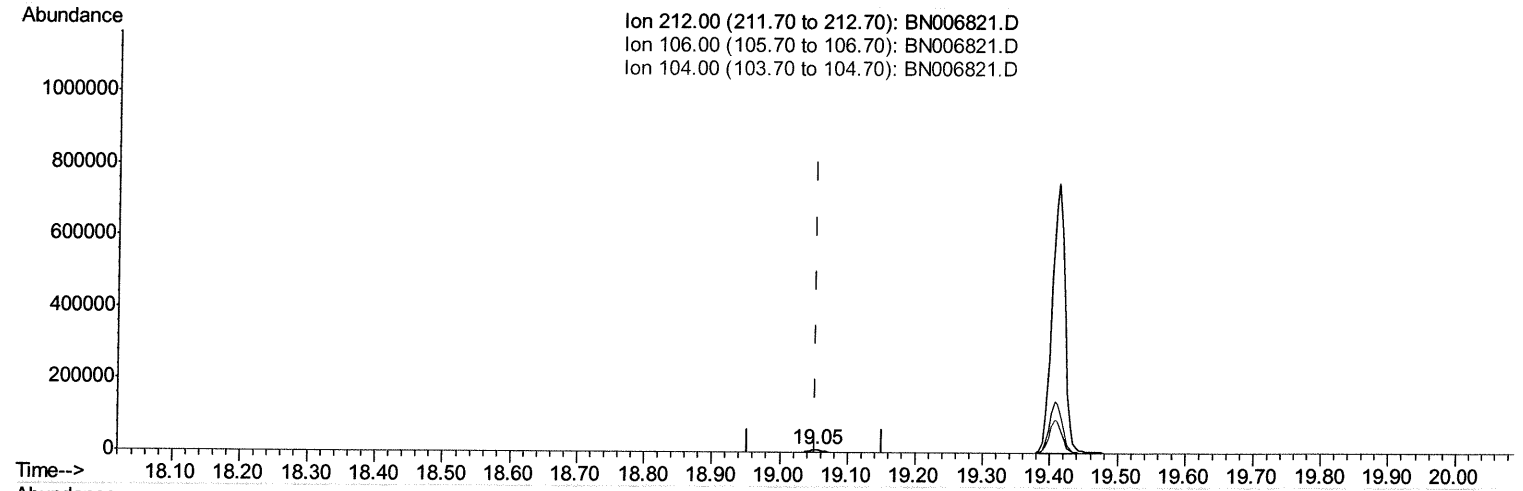
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006821.D  
 Acq On : 12 Jul 2019 06:59  
 Operator : HP/JU  
 Sample : K3717-08  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF492

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:56:20 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 (+0.000) 0.31ng/ul m *JU* 07/12/19

response 10629

| 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)

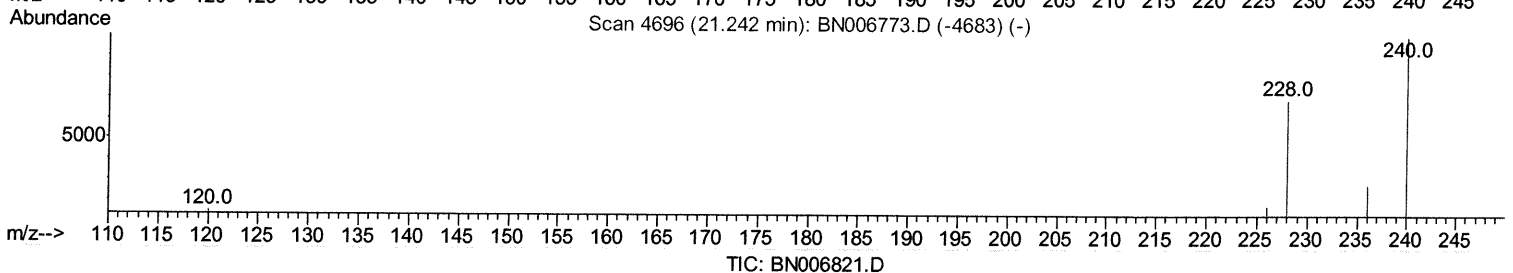
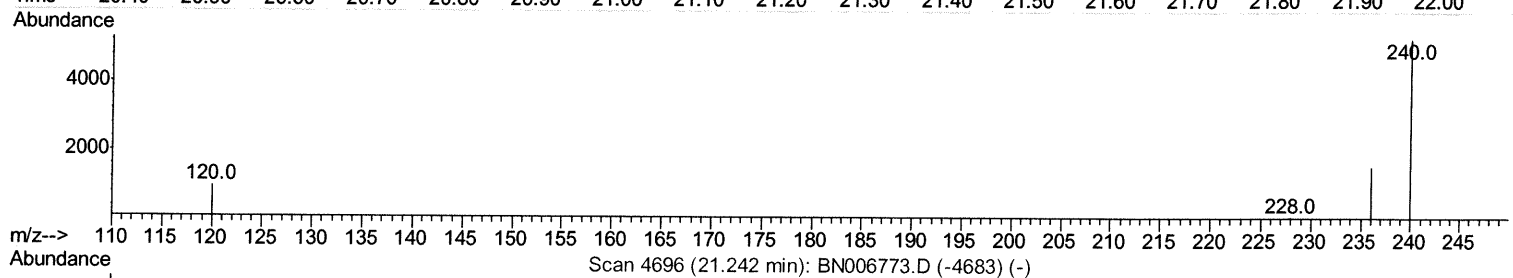
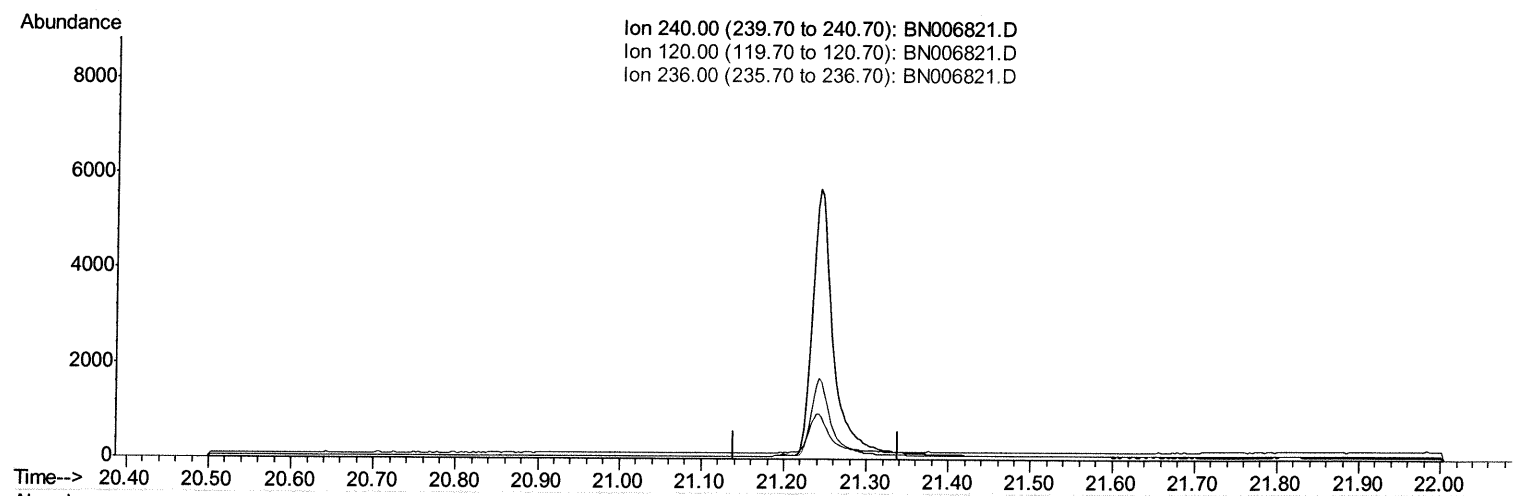
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006821.D  
 Acq On : 12 Jul 2019 06:59  
 Operator : HP/JU  
 Sample : K3717-08  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF492

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:56:20 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)

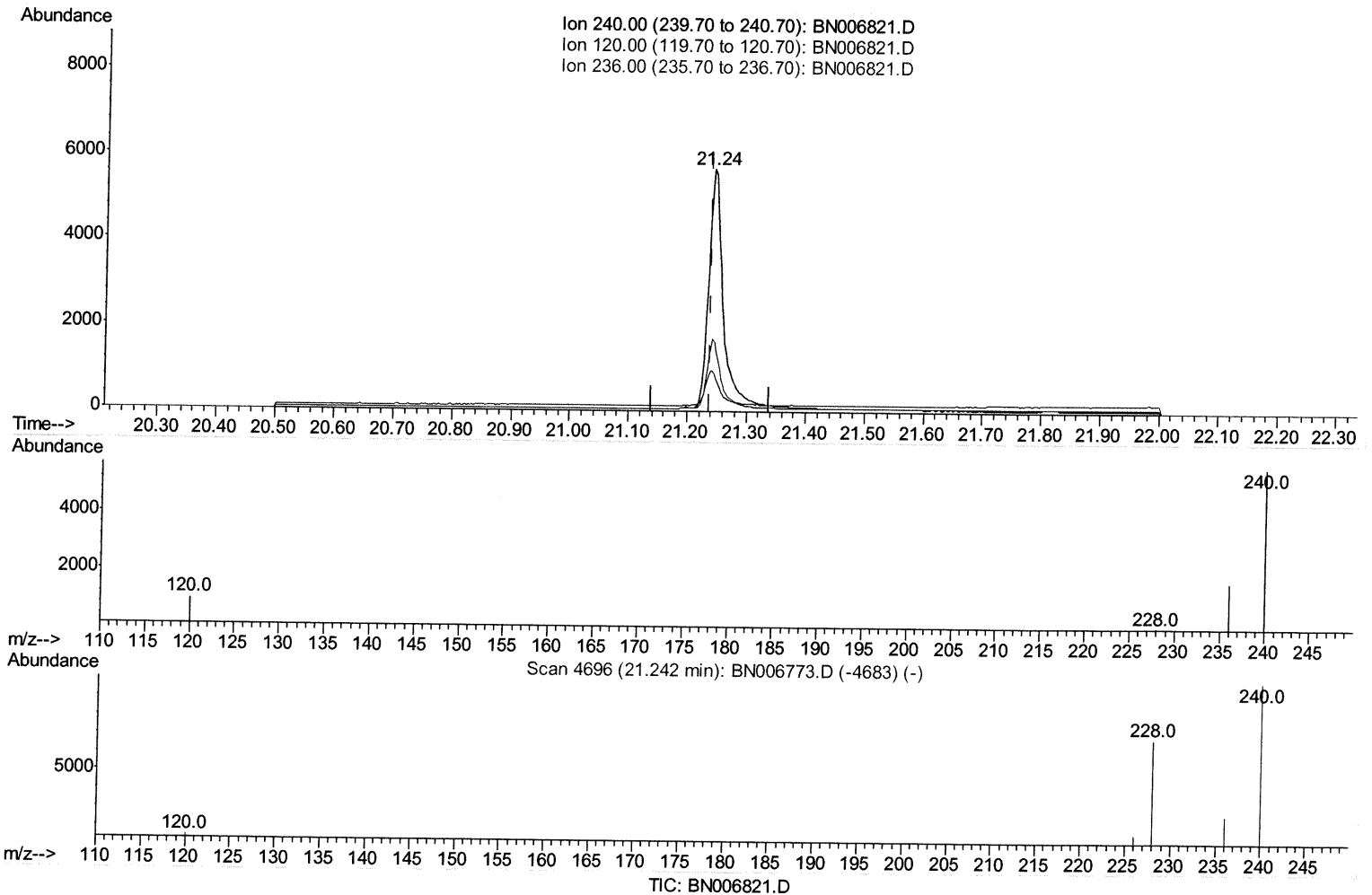
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006821.D  
 Acq On : 12 Jul 2019 06:59  
 Operator : HP/JU  
 Sample : K3717-08  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF492

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:56:20 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)

21.242min (+0.003) 0.40ng/ul m *Ju 07/12/19*

response 9668

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.20 | 16.97 |
| 236.00 | 30.00 | 29.85 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

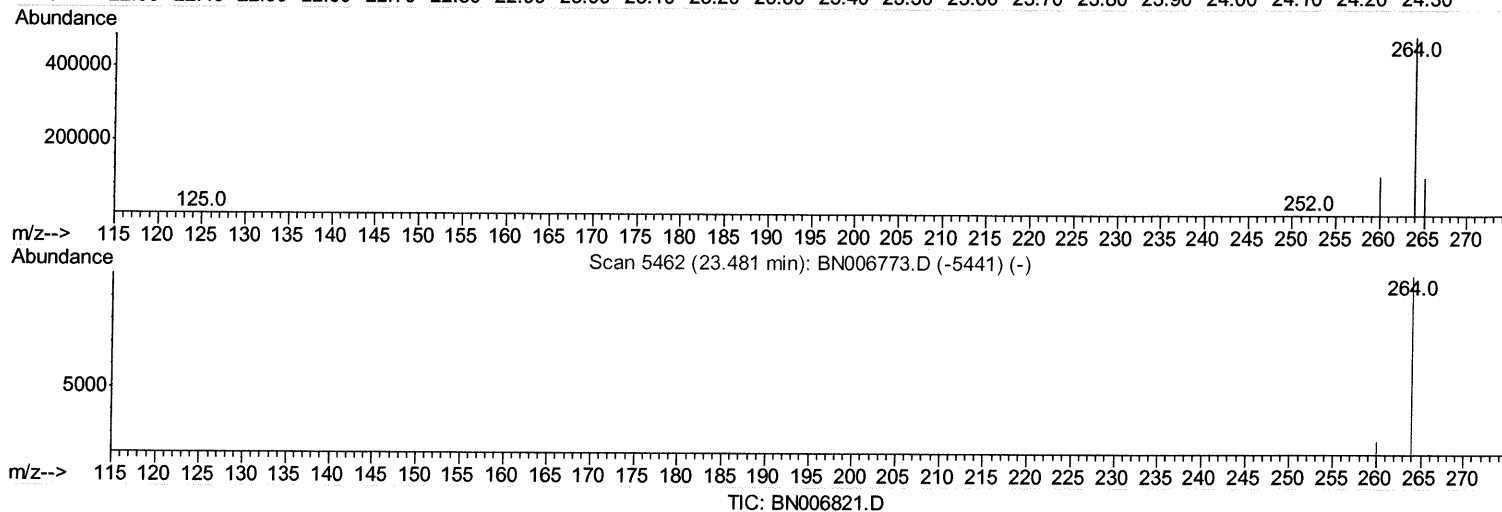
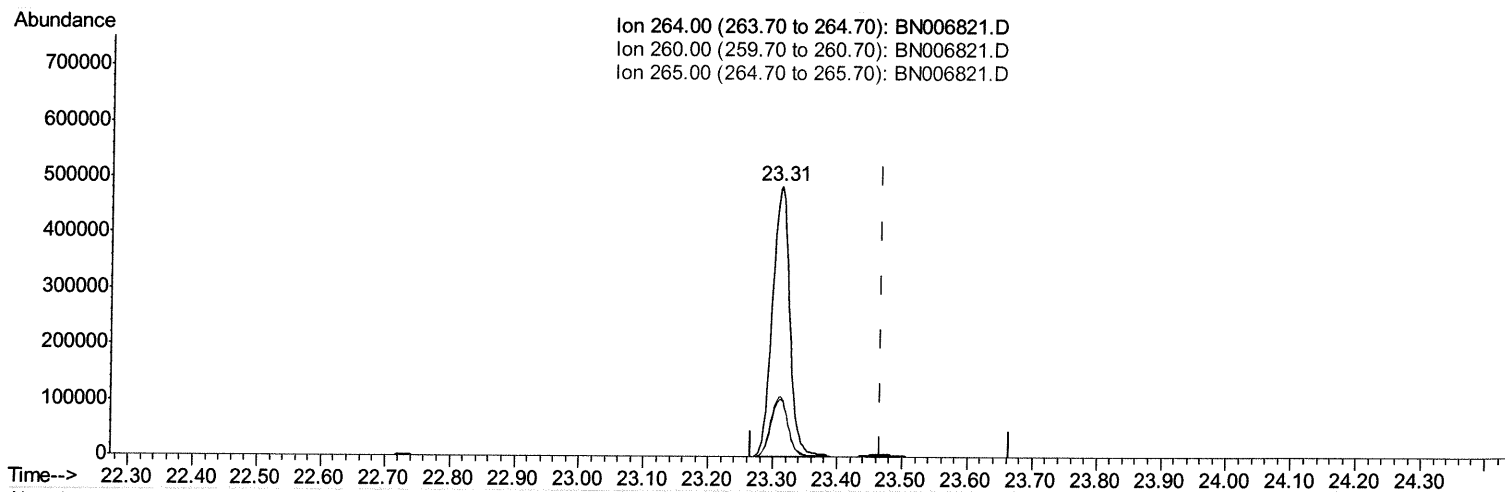
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006821.D  
 Acq On : 12 Jul 2019 06:59  
 Operator : HP/JU  
 Sample : K3717-08  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF492

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:57:37 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)

23.311min (-0.155) 0.40ng/ul

response 894775

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.31  |
| 265.00 | 36.10 | 21.49# |
| 0.00   | 0.00  | 0.00   |



## Quantitation Report (Qedit)

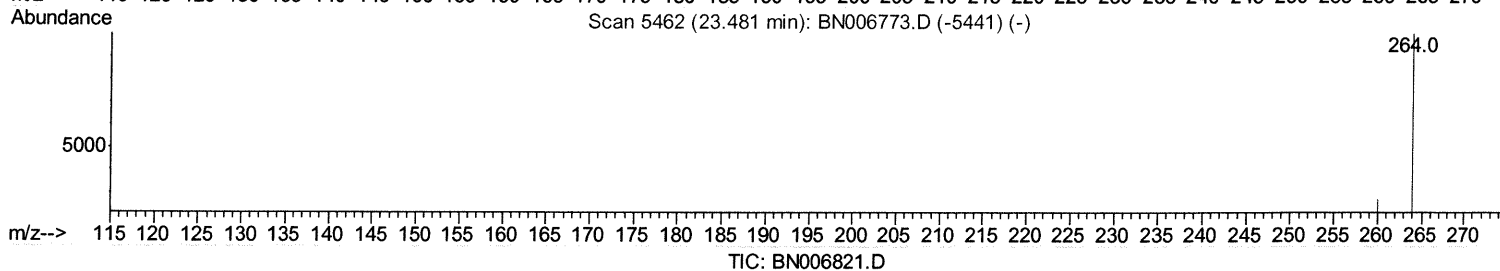
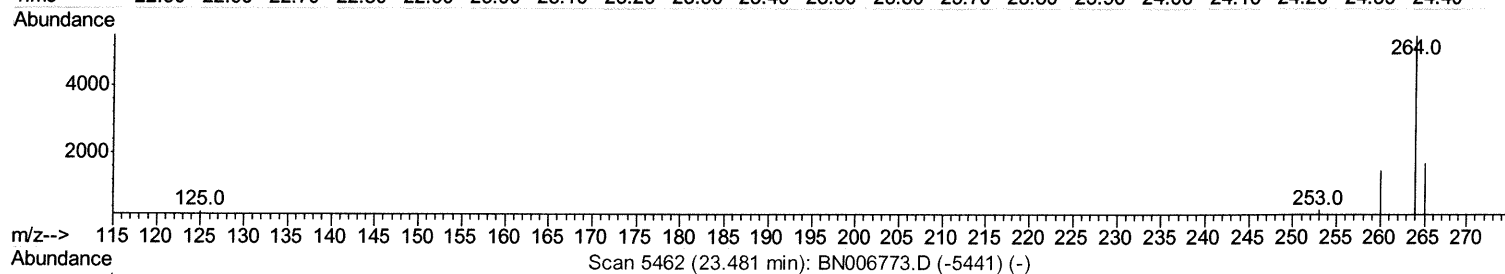
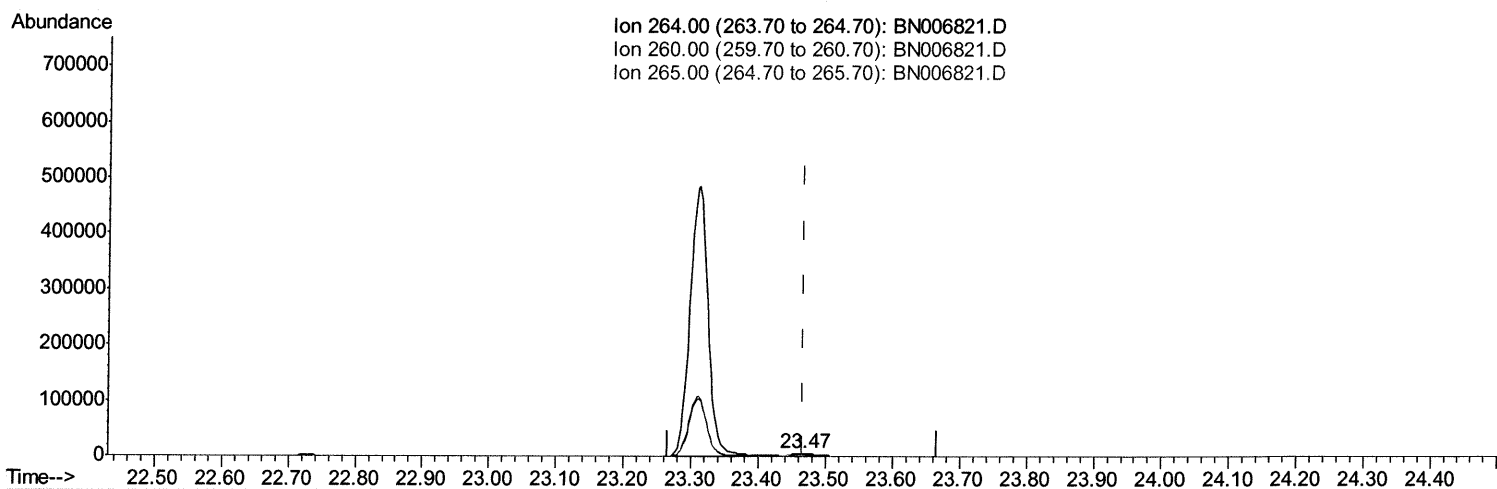
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006821.D  
Acq On : 12 Jul 2019 06:59  
Operator : HP/JU  
Sample : K3717-08  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF492

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:57:37 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)

23.466min (+0.000) 0.40ng/ul m *JU* 07/12/19

response 8412

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.77 |
| 265.00 | 36.10 | 30.58 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006821.D  
Acq On : 12 Jul 2019 06:59  
Operator : HP/JU  
Sample : K3717-08  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF492

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:28:03 PM

Quant Time: Jul 12 08:58:27 2019  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 2795     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.35 | 136  | 10202    | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10       | 14.24 | 164  | 5398     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 11574m > | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.24 | 240  | 9668m >  | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.47 | 264  | 8412m >  | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |          |      |       |      |
|----------------------------|-------|-----|----------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.98 | 152 | 3958     | 0.25 | ng/ul | 0.01 |
| 14) Fluoranthene-d10       | 19.05 | 212 | 10629m > | 0.31 | ng/ul | 0.00 |

## Target Compounds

Ovalue

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

JU 07/12/19