

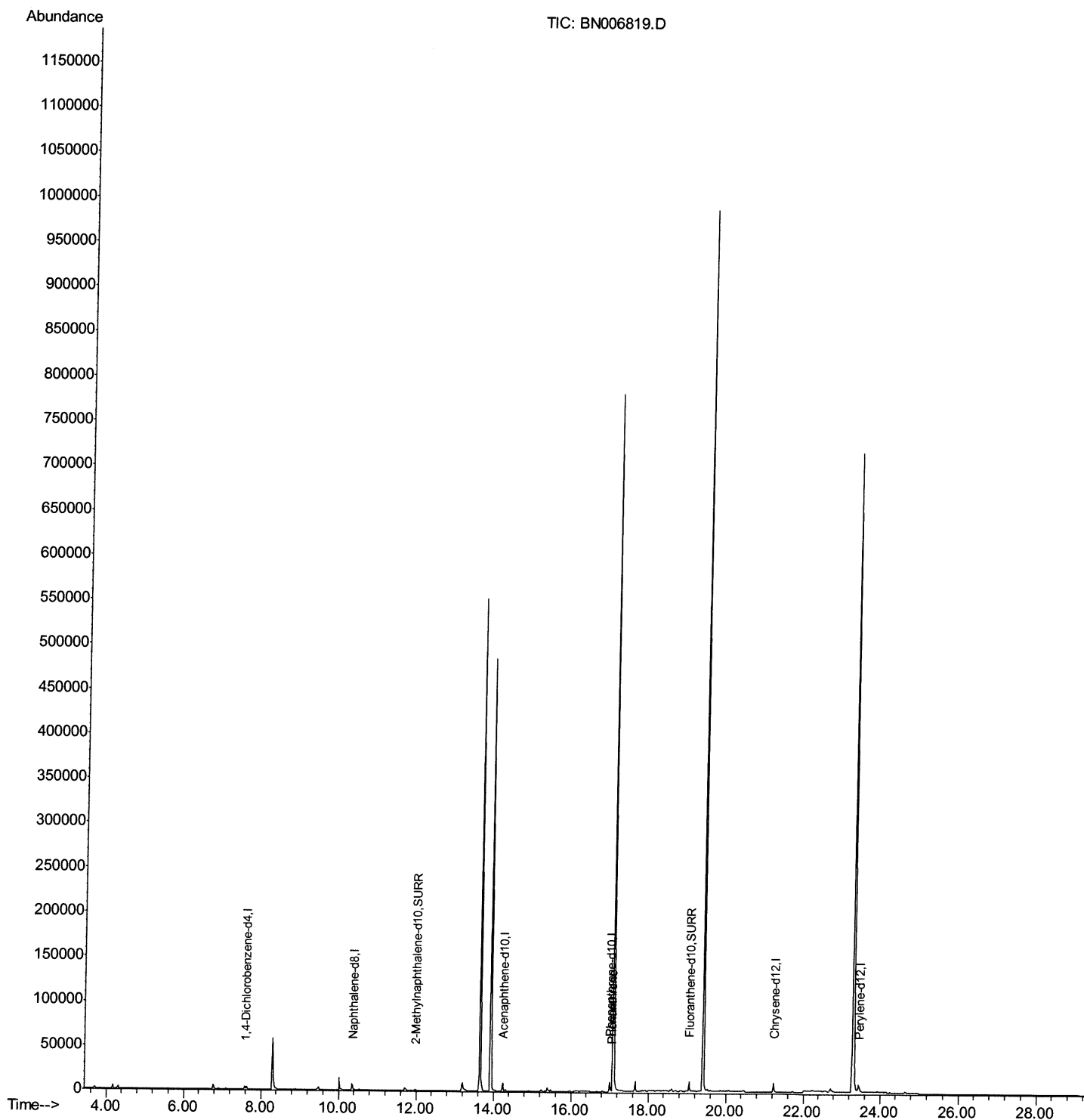
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006819.D  
Acq On : 12 Jul 2019 05:49  
Operator : HP/JU  
Sample : K3717-06  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF4C7

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:51:06 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)

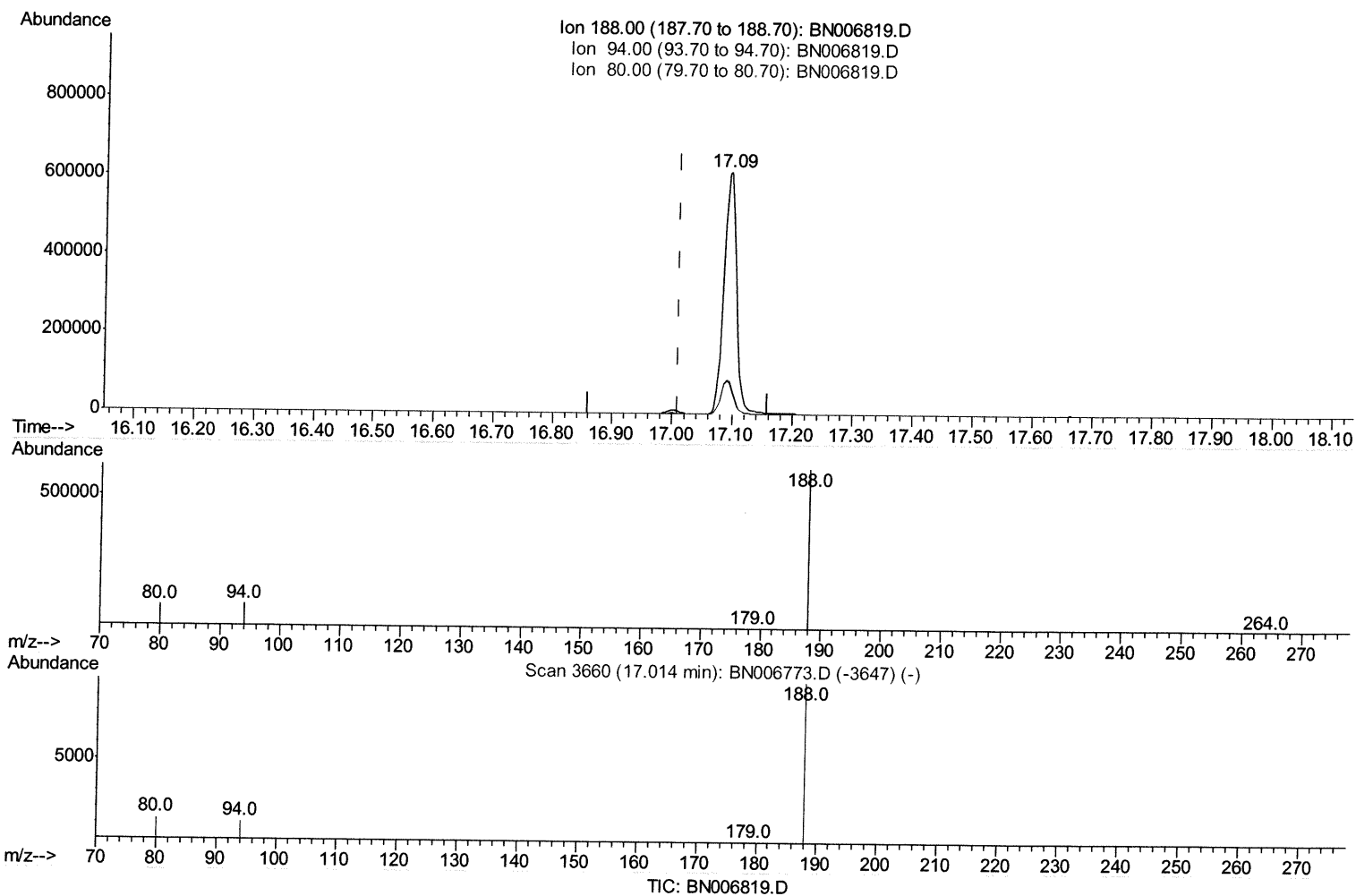
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006819.D  
 Acq On : 12 Jul 2019 05:49  
 Operator : HP/JU  
 Sample : K3717-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF4C7

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:43:37 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



(10) Phenanthrene-d10 (I)

17.095min (+0.085) 0.40ng/ul

response 888220

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.57 |
| 80.00  | 14.80 | 12.80 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

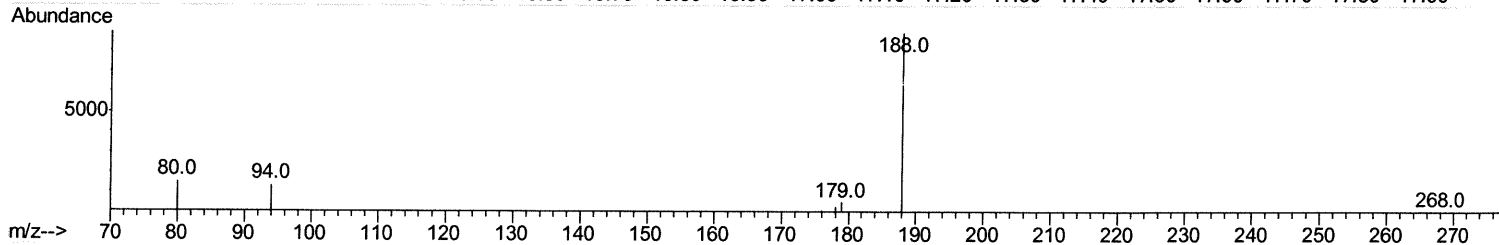
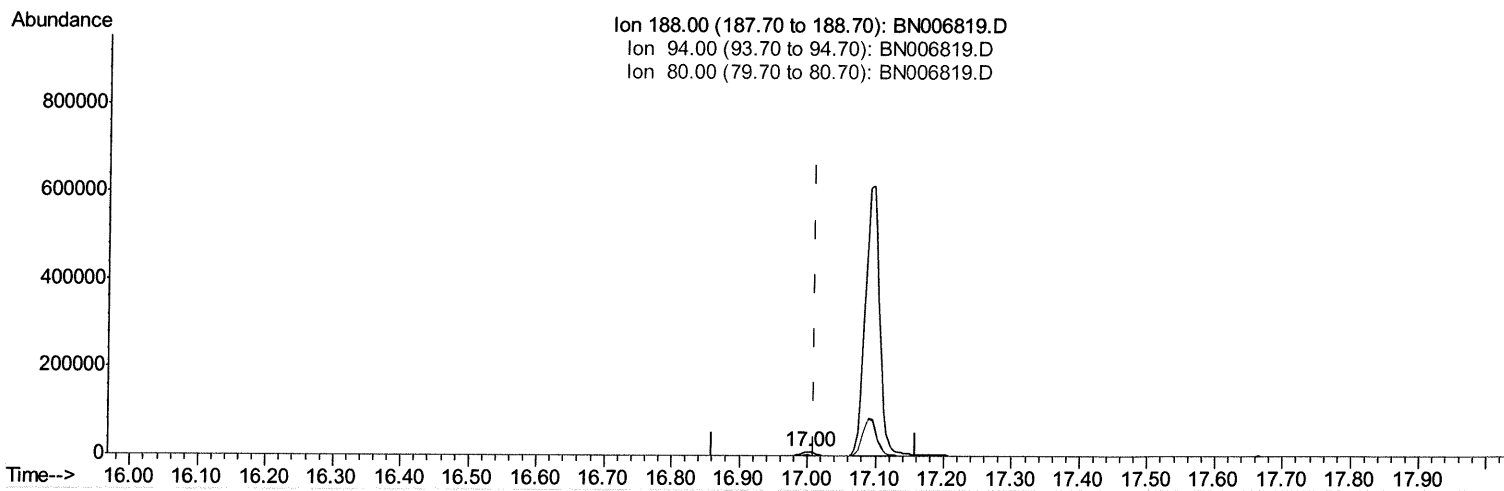
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006819.D  
 Acq On : 12 Jul 2019 05:49  
 Operator : HP/JU  
 Sample : K3717-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF4C7

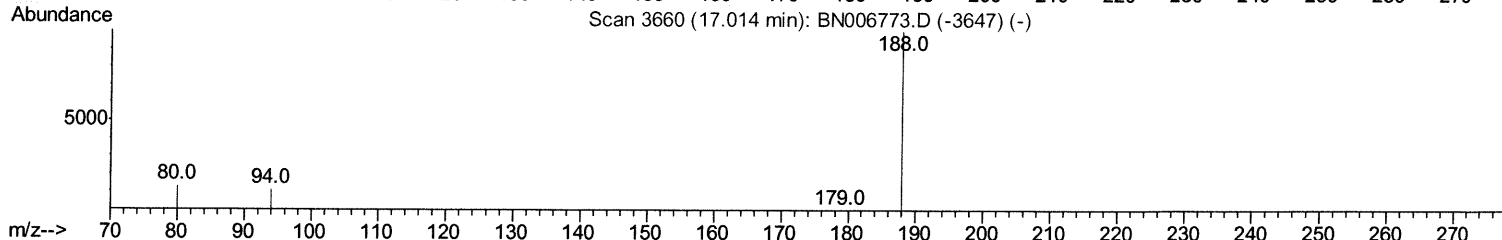
Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:43:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Scan 3660 (17.014 min): BN006773.D (-3647) (-)



TIC: BN006819.D

(10) Phenanthrene-d10 (I)

17.002min (-0.008) 0.40ng/ul m

JU  
 07/12/19

response 11964

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 15.03 |
| 80.00  | 14.80 | 16.95 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

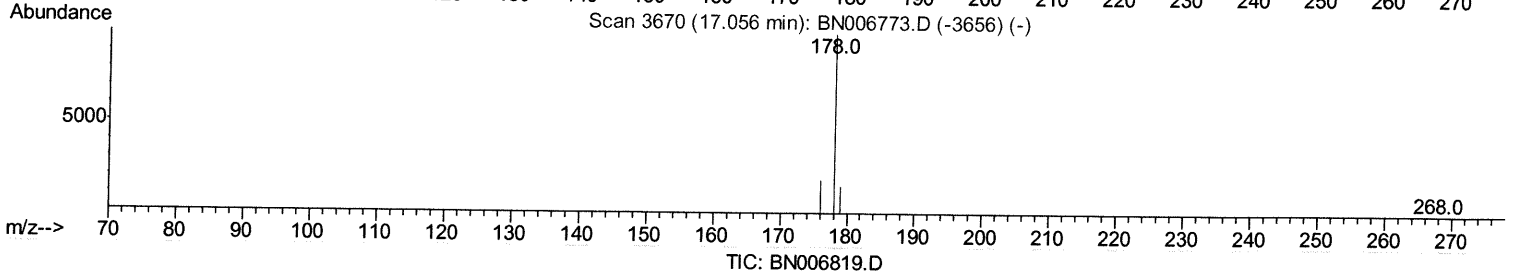
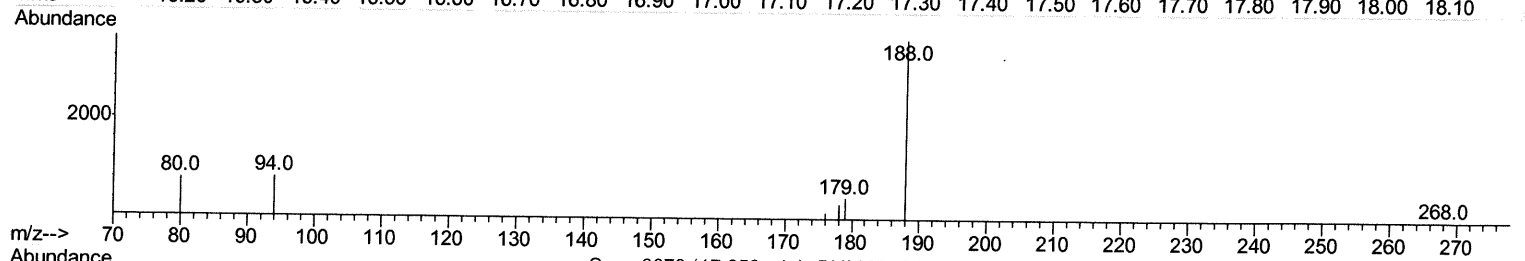
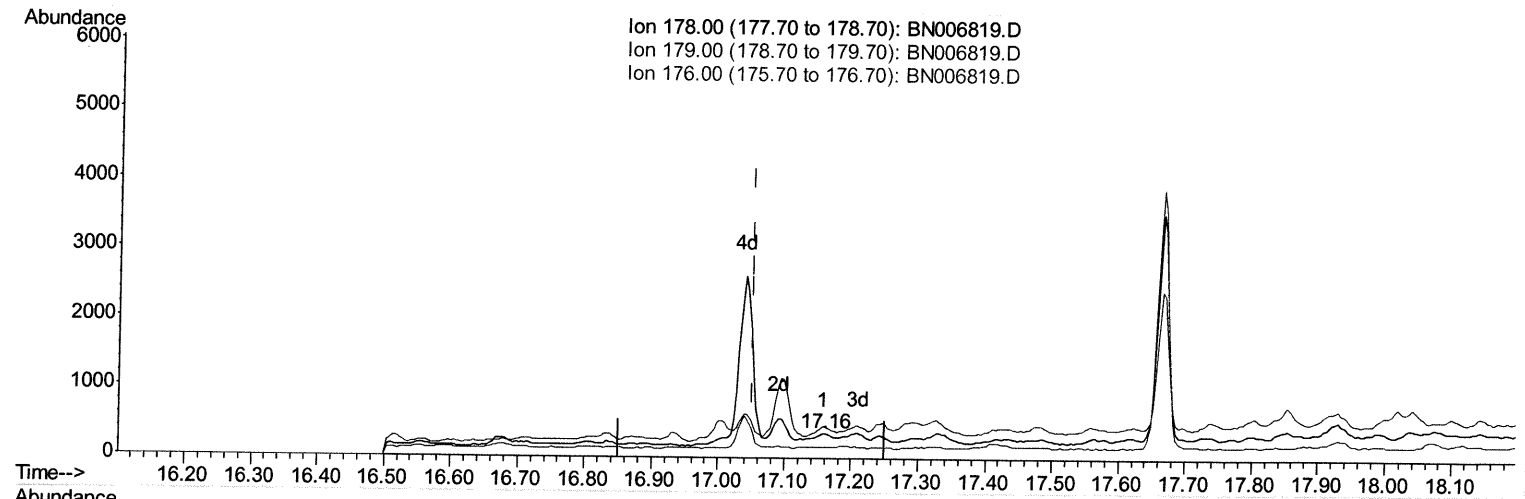
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006819.D  
 Acq On : 12 Jul 2019 05:49  
 Operator : HP/JU  
 Sample : K3717-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF4C7

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:48:07 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



(12) Phenanthrene

17.158min (+0.106) 0.01ng/ul

response 271

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 15.80 | 130.23# |
| 176.00 | 19.80 | 46.05#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

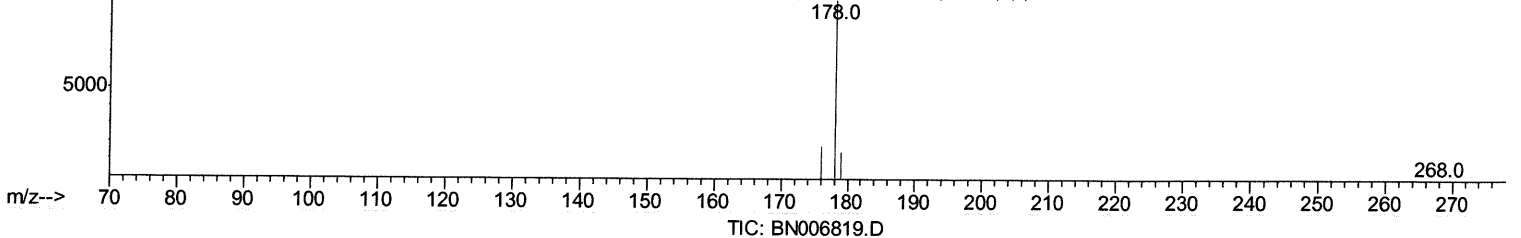
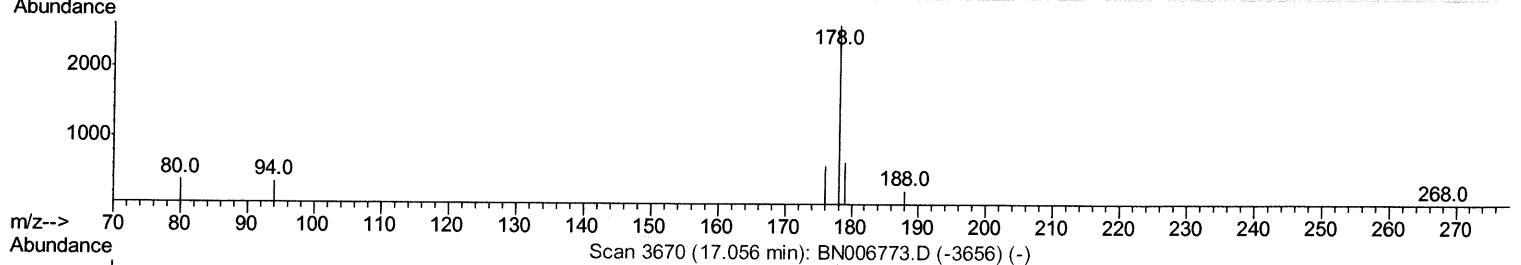
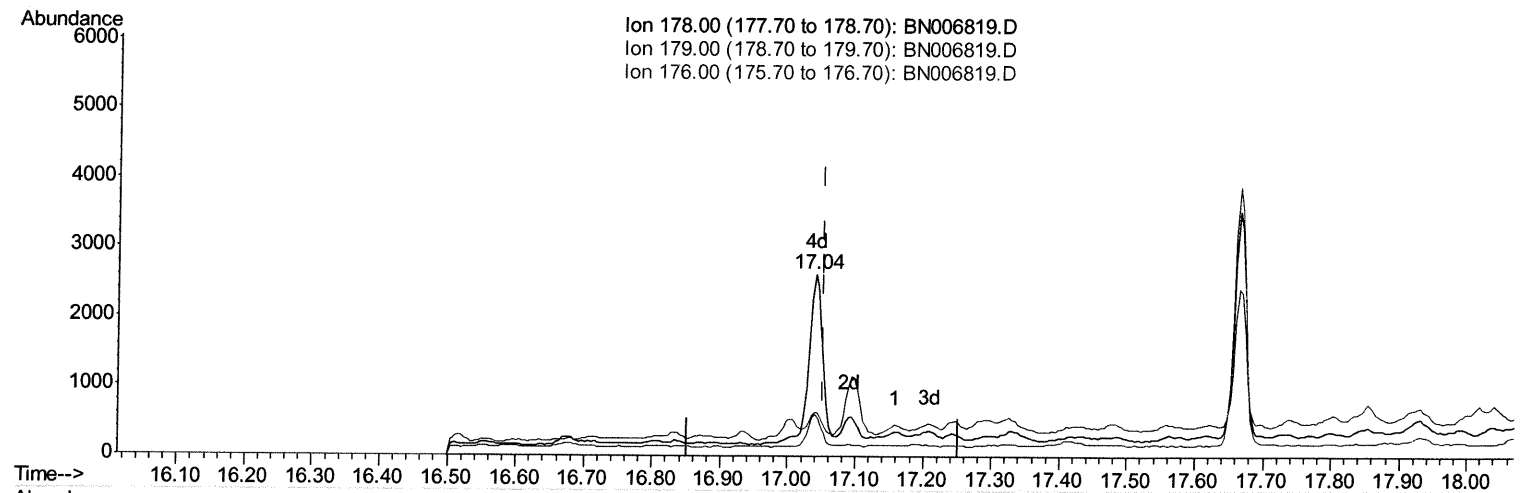
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006819.D  
 Acq On : 12 Jul 2019 05:49  
 Operator : HP/JU  
 Sample : K3717-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF4C7

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:48:07 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



(12) Phenanthrene

17.040min (-0.013) 0.08ng/ul m *JU 07/12/19*

response 3031

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 15.80 | 24.62# |
| 176.00 | 19.80 | 23.02  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

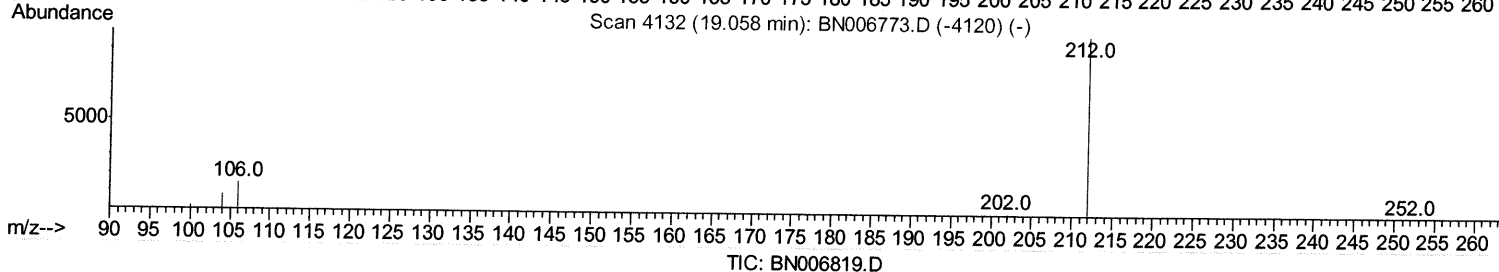
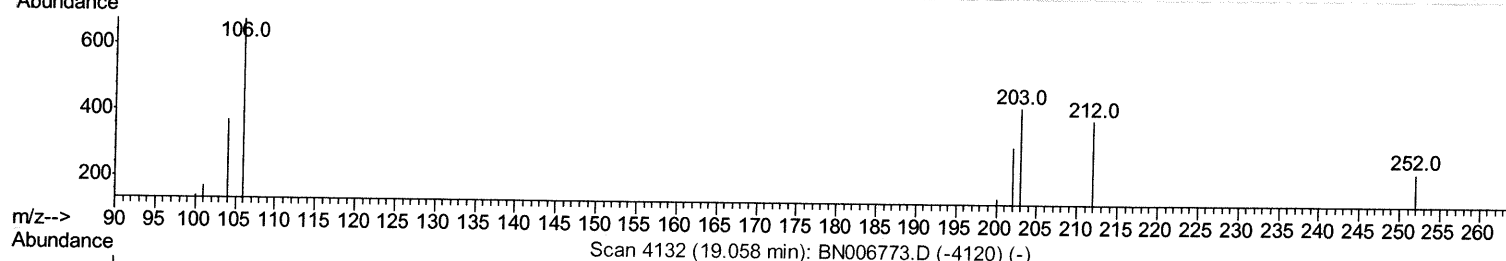
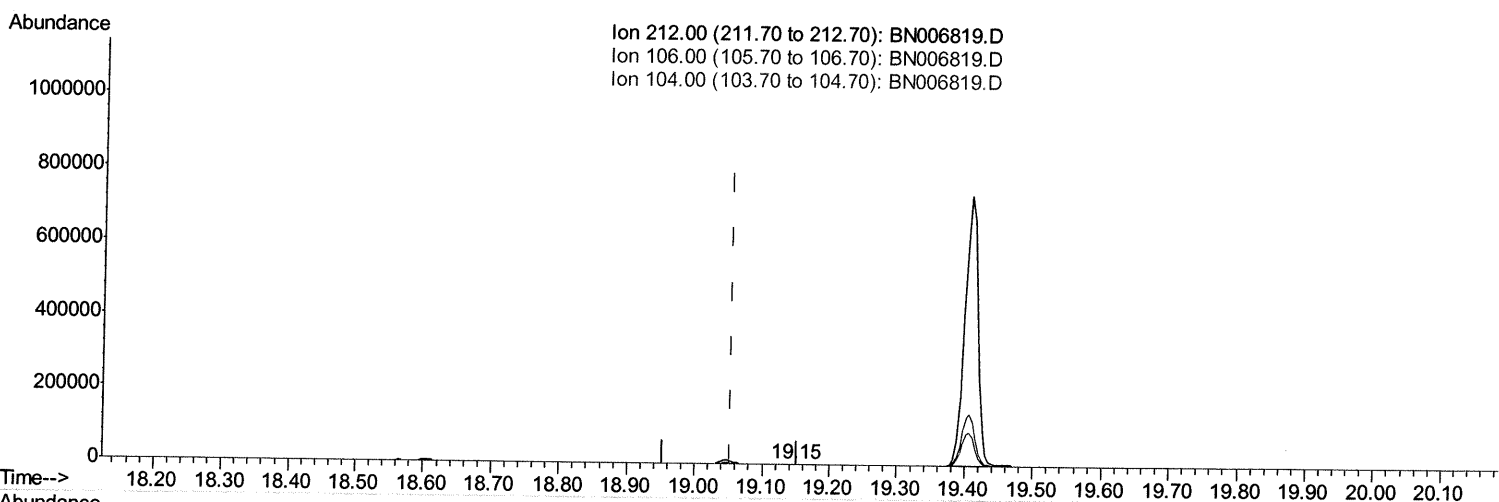
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006819.D  
Acq On : 12 Jul 2019 05:49  
Operator : HP/JU  
Sample : K3717-06  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF4C7

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:48:07 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)

19.146min (+0.093) 0.01ng/ul

response 456

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 212.00 | 100   | 100    |
| 106.00 | 17.80 | 35.75# |
| 104.00 | 9.70  | 11.18  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

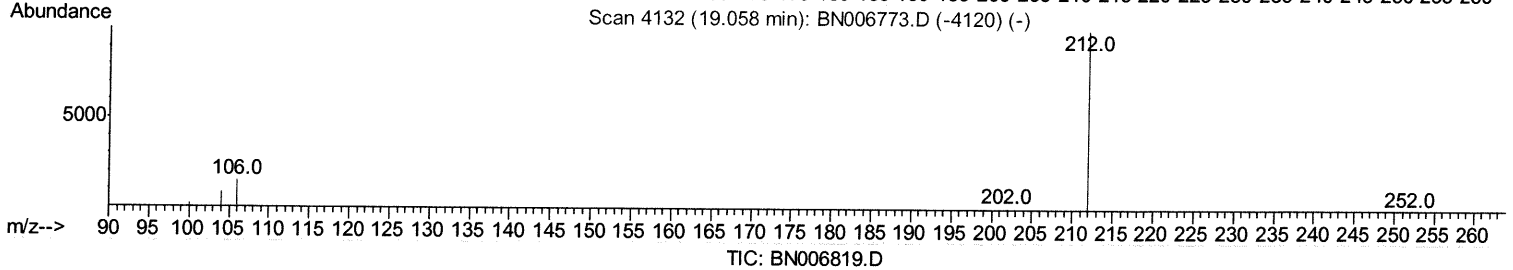
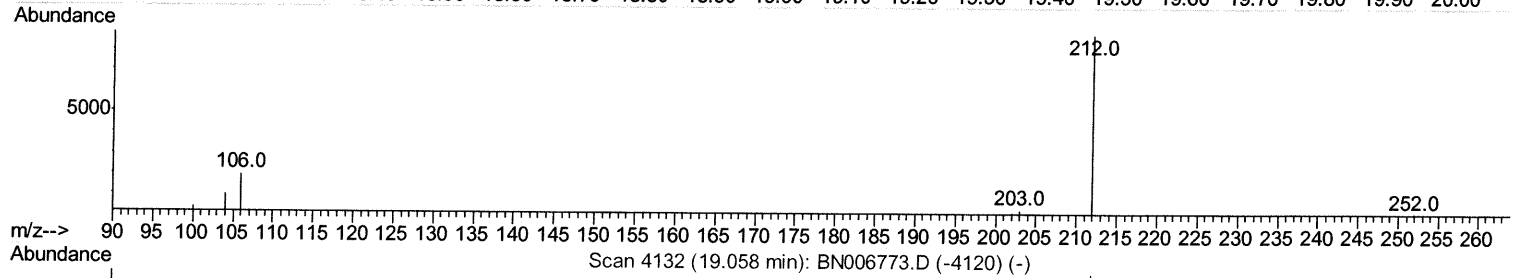
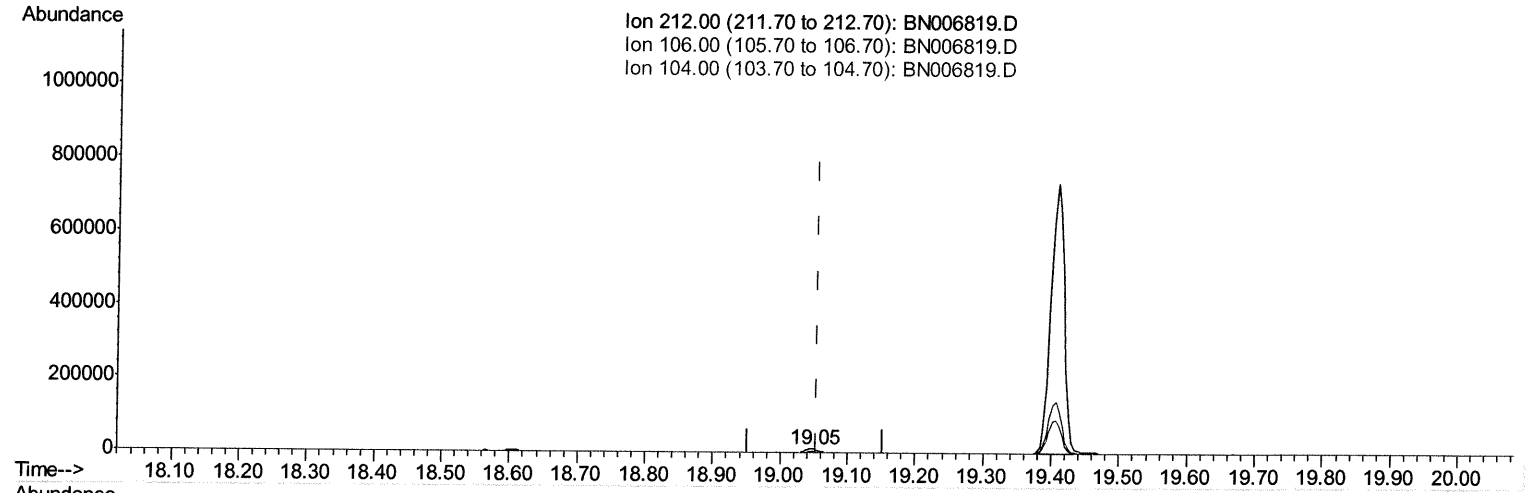
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006819.D  
 Acq On : 12 Jul 2019 05:49  
 Operator : HP/JU  
 Sample : K3717-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF4C7

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:48:07 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) 0.33ng/ul m

response 11414

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 17.80 | 1.43# |
| 104.00 | 9.70  | 0.45# |
| 0.00   | 0.00  | 0.00  |

JU  
 07/12/19

# Quantitation Report (Qedit)

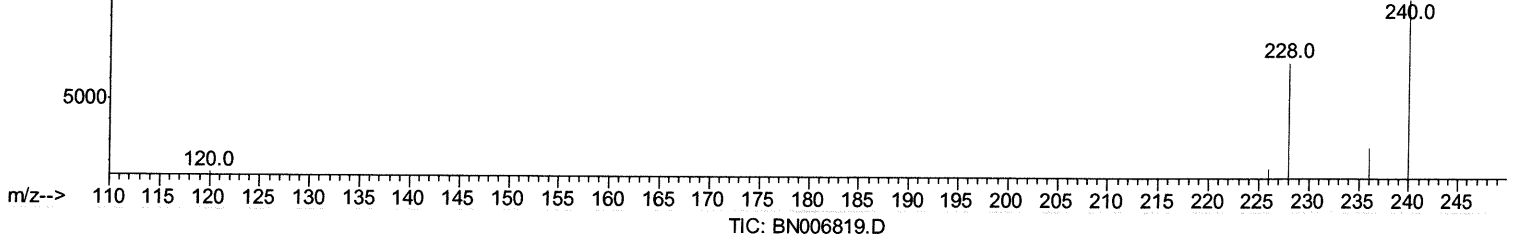
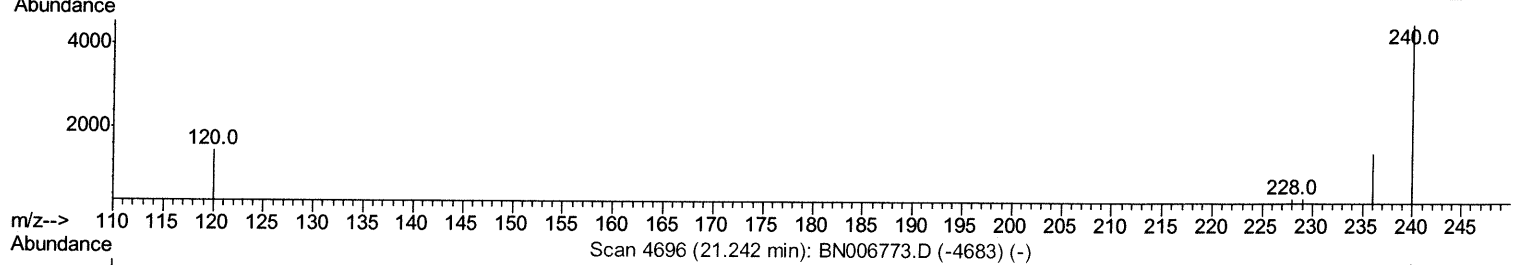
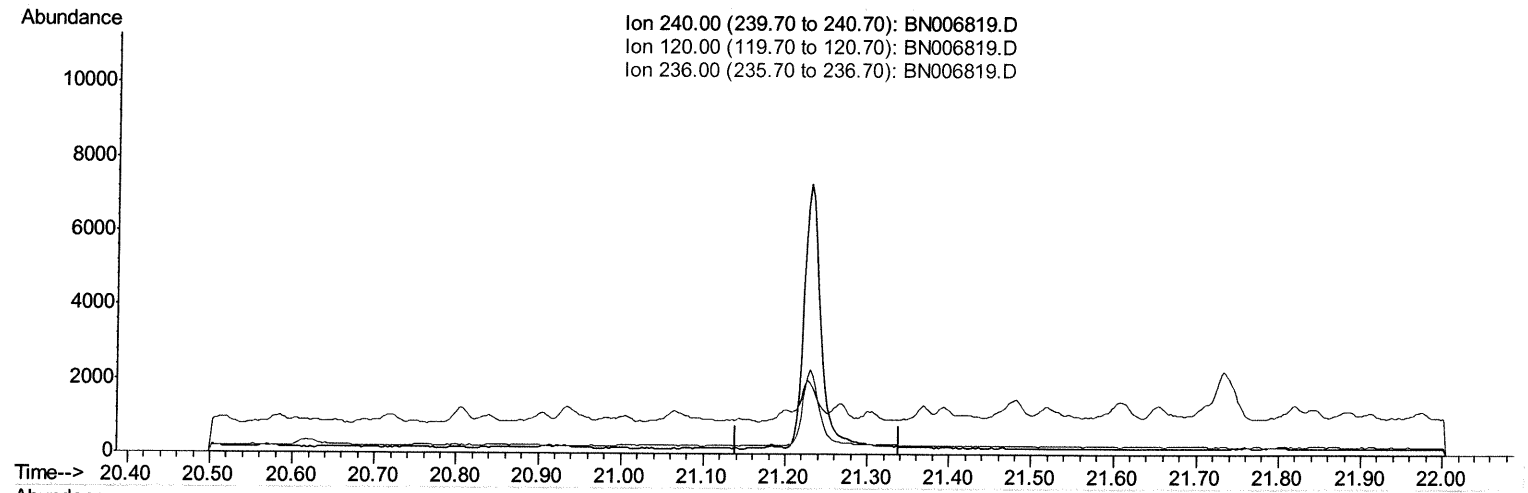
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006819.D  
 Acq On : 12 Jul 2019 05:49  
 Operator : HP/JU  
 Sample : K3717-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF4C7

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:49:39 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)

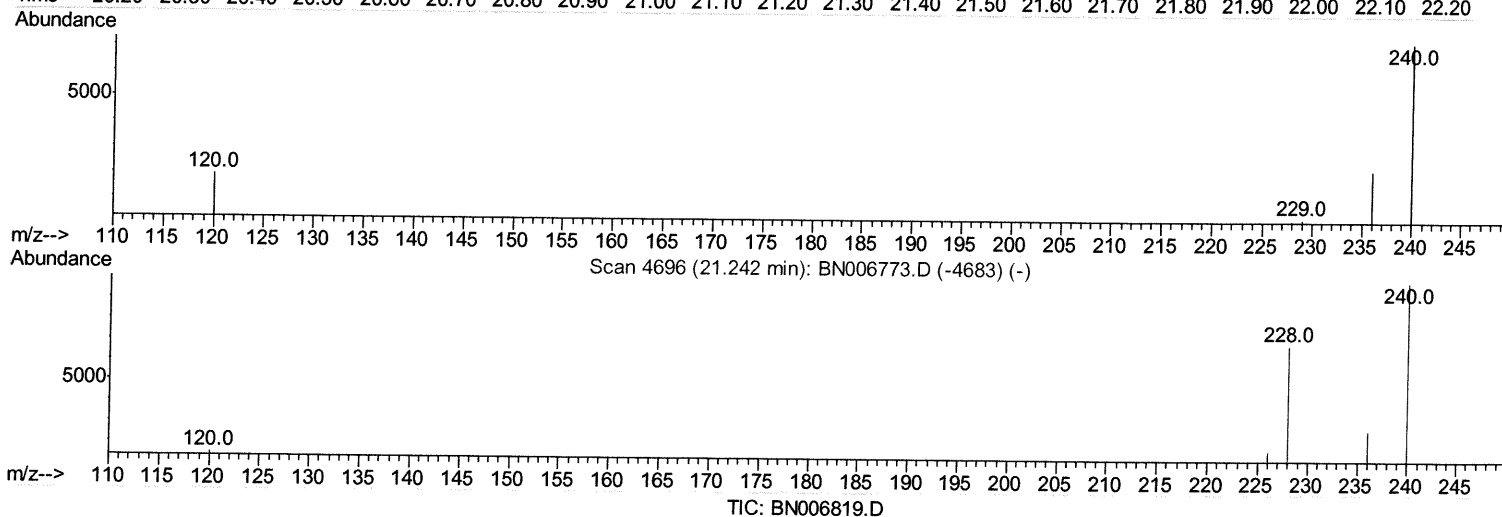
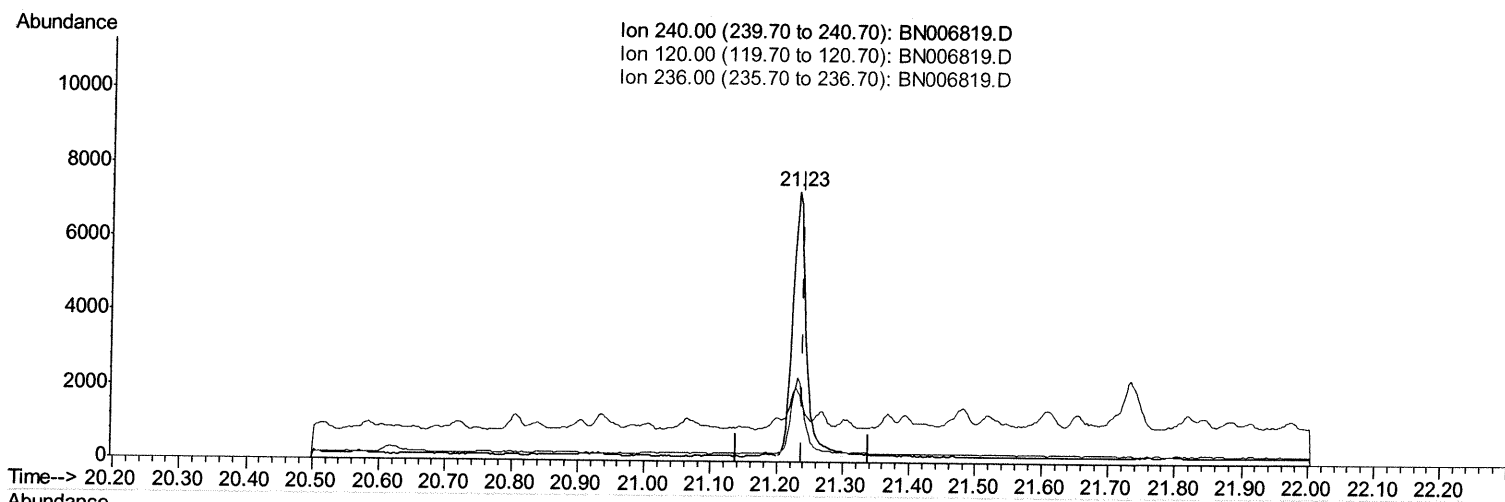
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006819.D  
 Acq On : 12 Jul 2019 05:49  
 Operator : HP/JU  
 Sample : K3717-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF4C7

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:49:39 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  
 07/12/19

response 10180

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.20 | 26.55# |
| 236.00 | 30.00 | 31.48  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

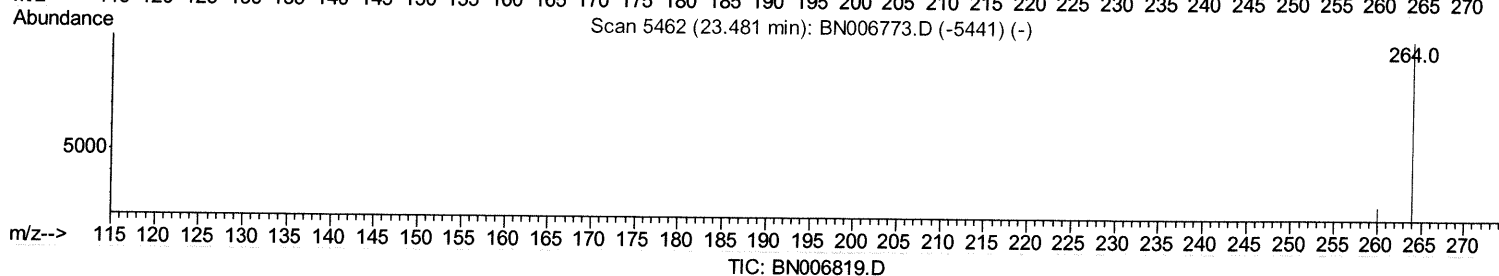
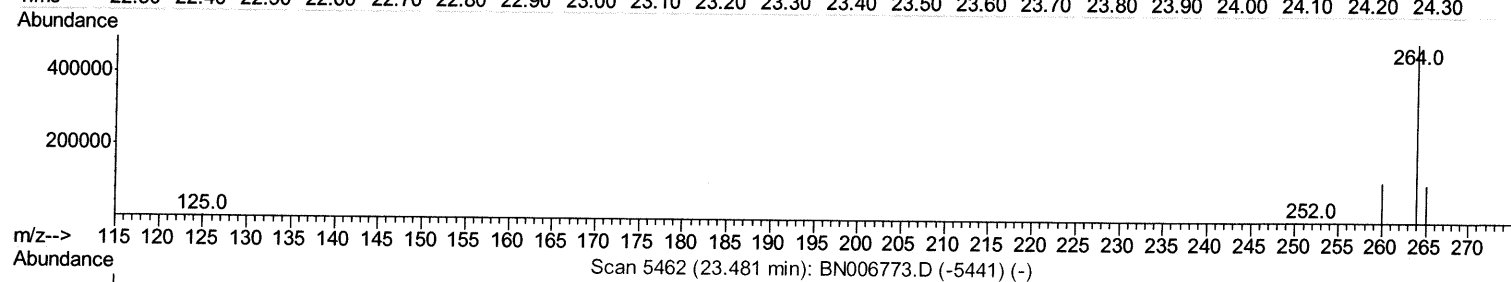
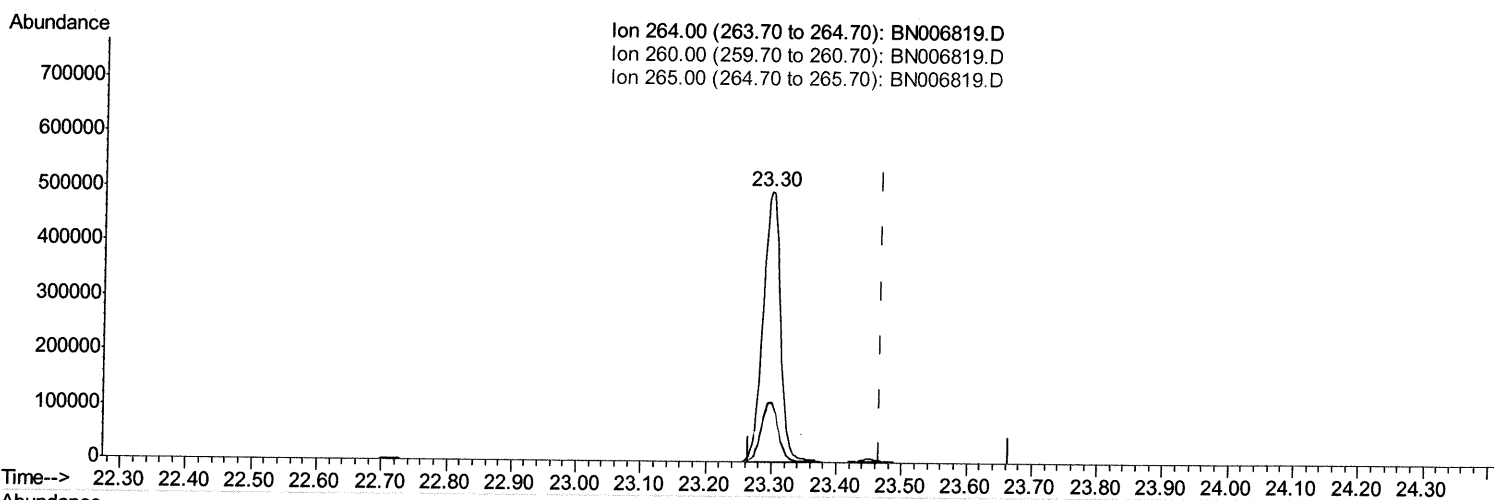
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006819.D  
Acq On : 12 Jul 2019 05:49  
Operator : HP/JU  
Sample : K3717-06  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF4C7

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:50:30 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



(20) Perylene-d12 (I)

23.297min (-0.170) 0.40ng/ul

response 883608

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.51  |
| 265.00 | 36.10 | 21.63# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

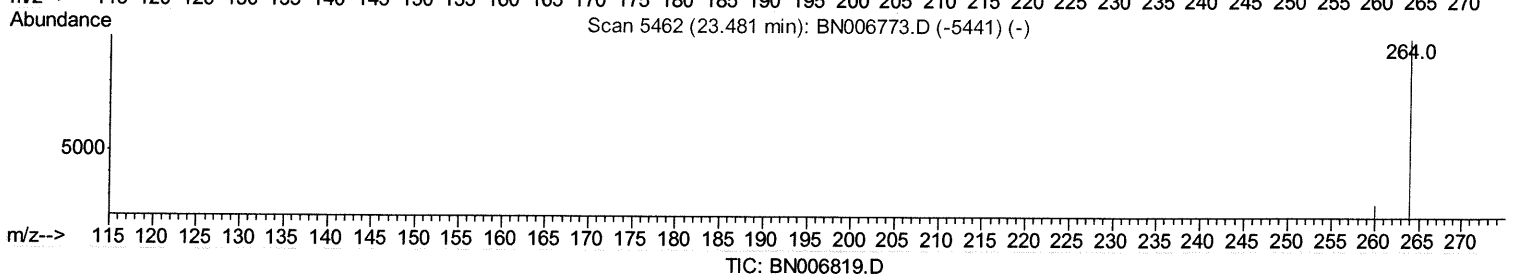
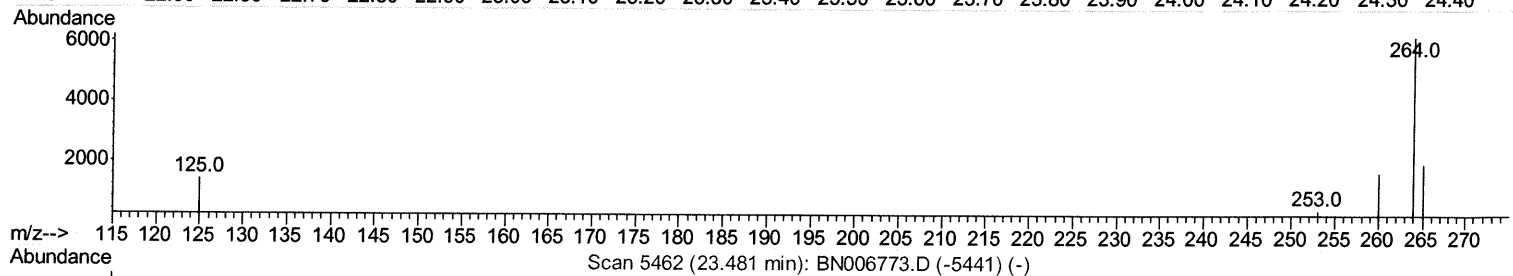
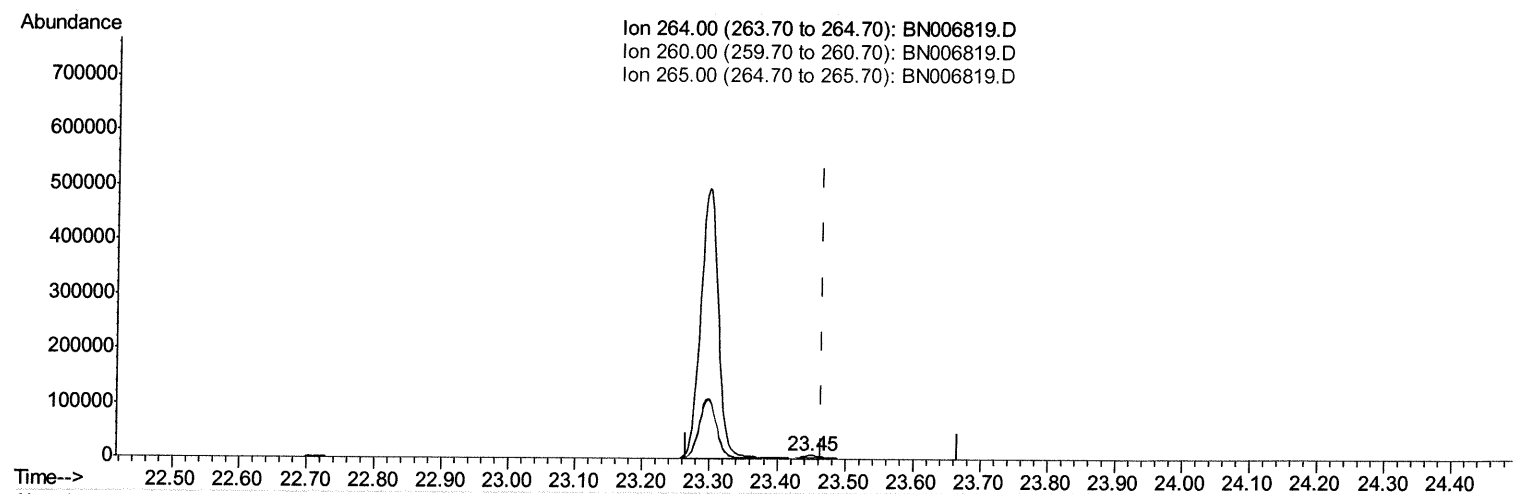
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006819.D  
Acq On : 12 Jul 2019 05:49  
Operator : HP/JU  
Sample : K3717-06  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF4C7

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:50:30 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



(20) Perylene-d12 (I)

23.449min (-0.017) 0.40ng/ul m

JU  
6/12/19

response 9080

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 27.01 |
| 265.00 | 36.10 | 31.16 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006819.D  
 Acq On : 12 Jul 2019 05:49  
 Operator : HP/JU  
 Sample : K3717-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF4C7

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:27:53 PM

Quant Time: Jul 12 08:51:06 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  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 2820     | 0.40  | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.35 | 136  | 10485    | 0.40  | ng/ul | -0.01    |
| 6) Acenaphthene-d10         | 14.24 | 164  | 5391     | 0.40  | ng/ul | 0.00     |
| 10) Phenanthrene-d10        | 17.00 | 188  | 11964m > | 0.40  | ng/ul | 0.00     |
| 16) Chrysene-d12            | 21.23 | 240  | 10180m > | 0.40  | ng/ul | 0.00     |
| 20) Perylene-d12            | 23.45 | 264  | 9080m >  | 0.40  | ng/ul | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 3539     | 0.22  | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 11414m > | 0.33  | ng/ul | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 12) Phenanthrene            | 17.04 | 178  | 3031m >  | 0.079 | ng/ul | Ovalue   |

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

JU 07/12/19