

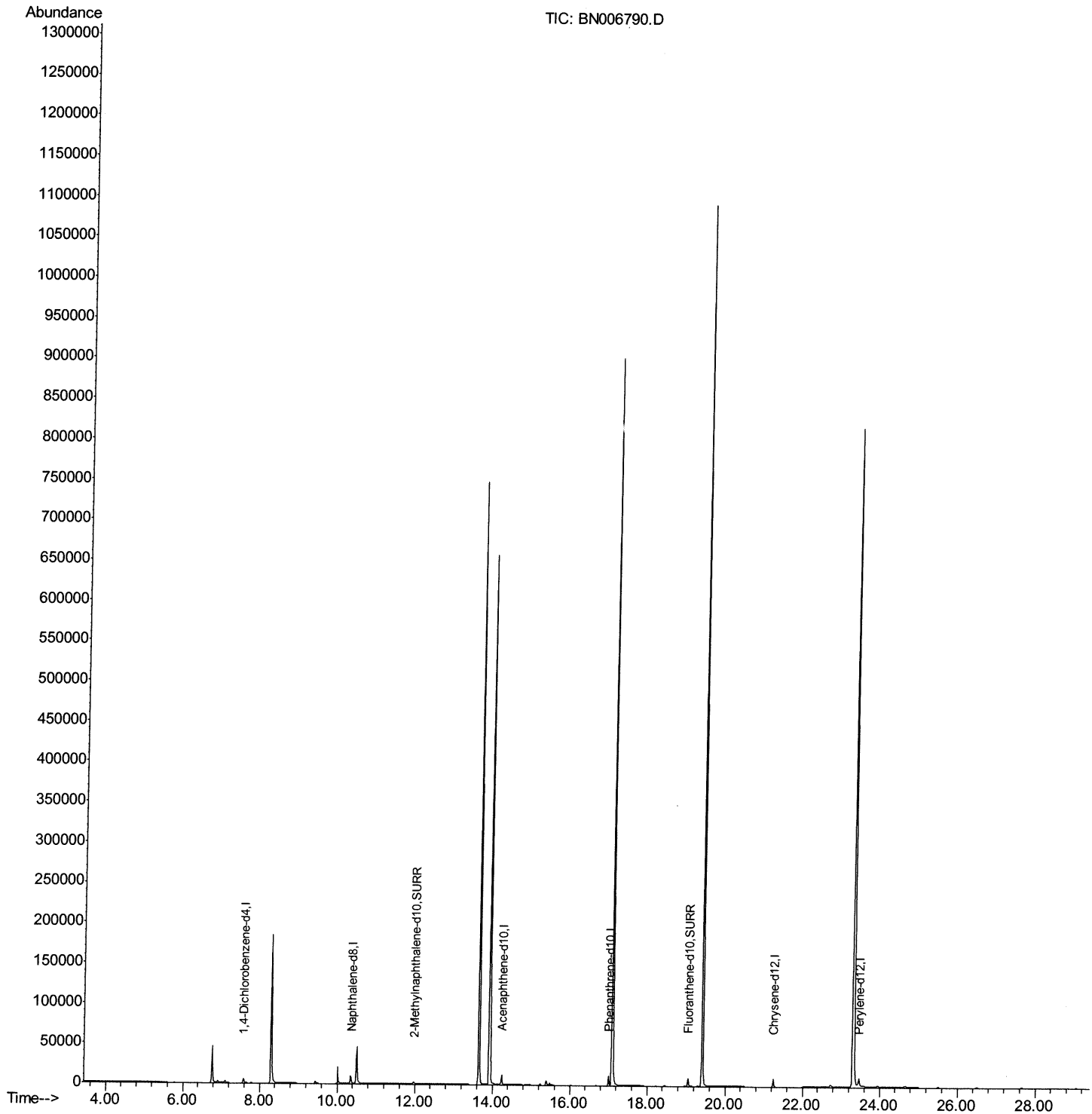
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006790.D  
Acq On : 11 Jul 2019 10:40  
Operator : HP/JU  
Sample : PB121038BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK38

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:26:08 PM

Quant Time: Jul 12 06:44:29 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)

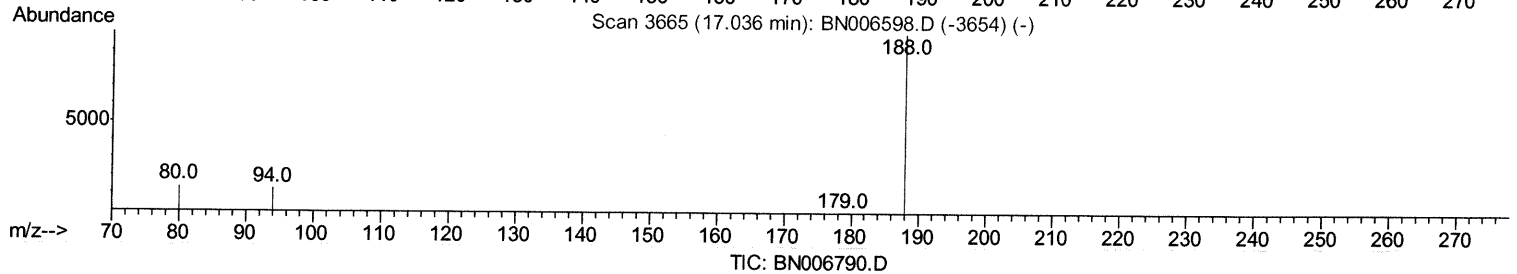
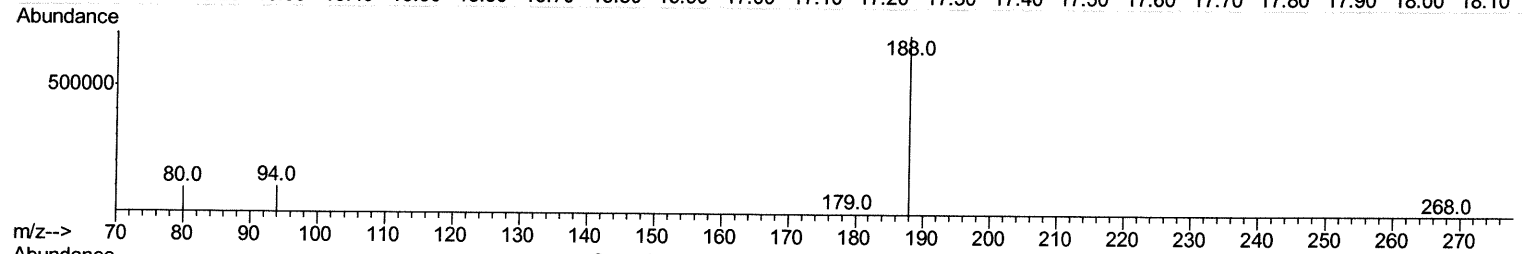
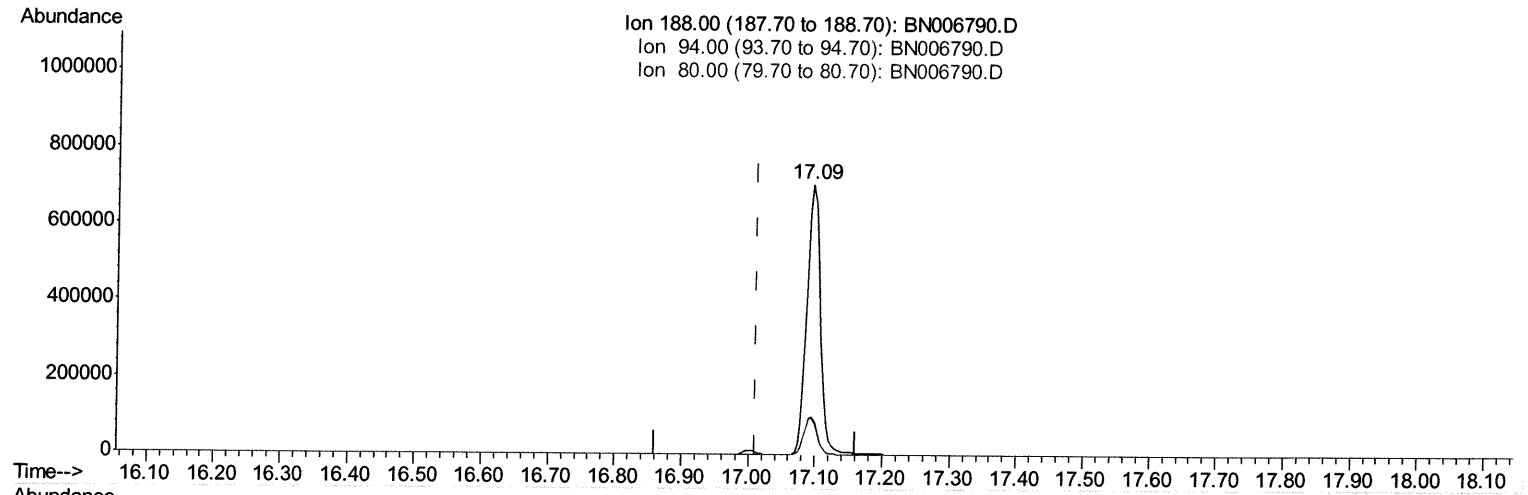
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
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Manual Integrations  
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Quant Time: Jul 12 06:41:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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(10) Phenanthrene-d10 (I)

17.095min (+0.084) 0.40ng/ul

response 981043

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 14.25 |
| 80.00  | 14.80 | 13.49 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

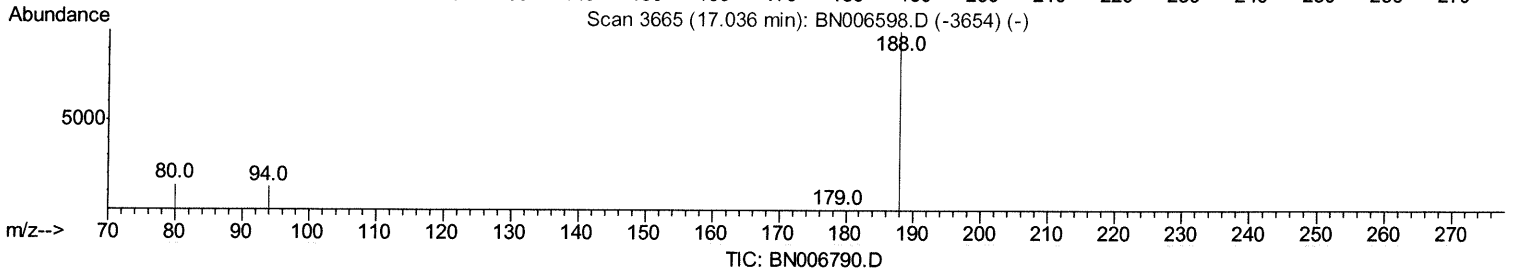
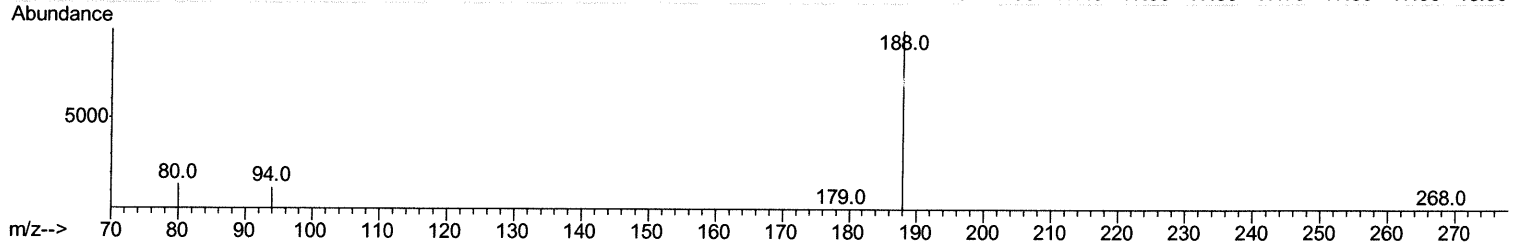
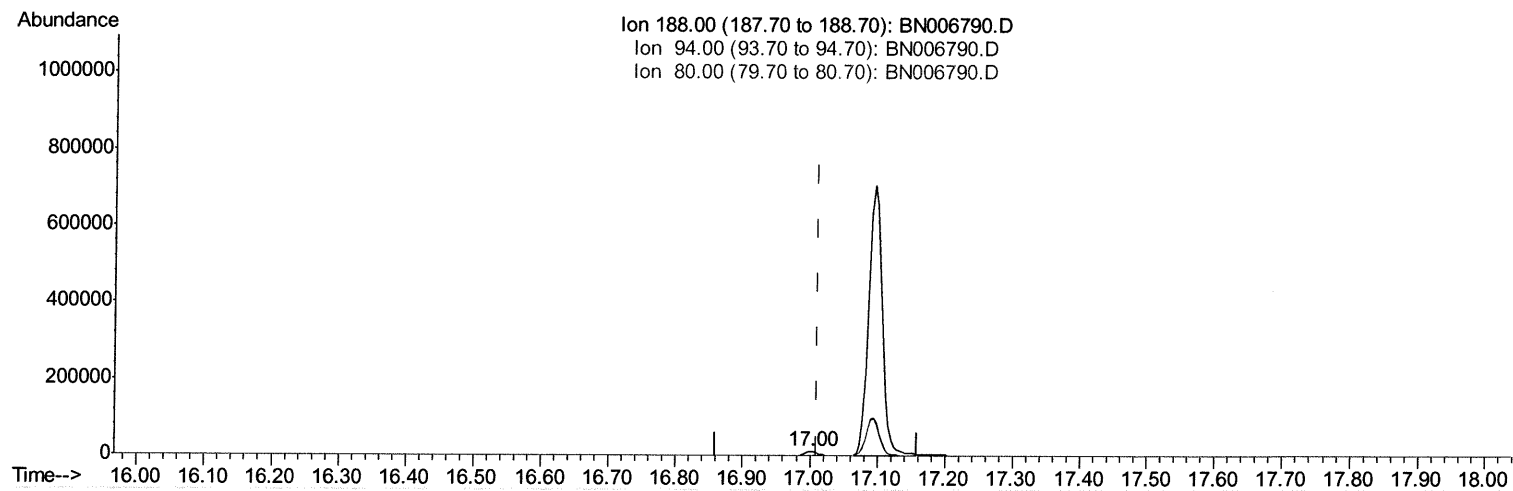
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
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 Operator : HP/JU  
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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mohammad  
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 QLast Update : Fri Jul 12 06:39:20 2019  
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(10) Phenanthrene-d10 (I)

17.002min (-0.008) 0.40ng/ul m

JU  
 07/12/19

response 13907

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 12.12 |
| 80.00  | 14.80 | 14.09 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

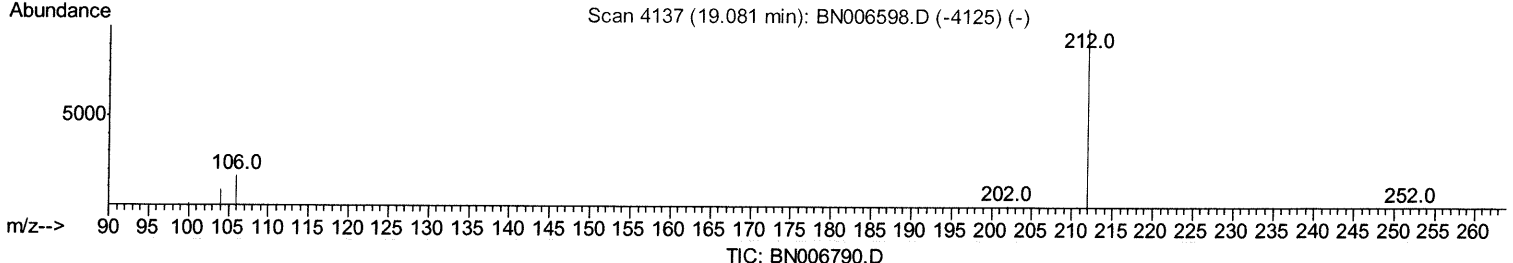
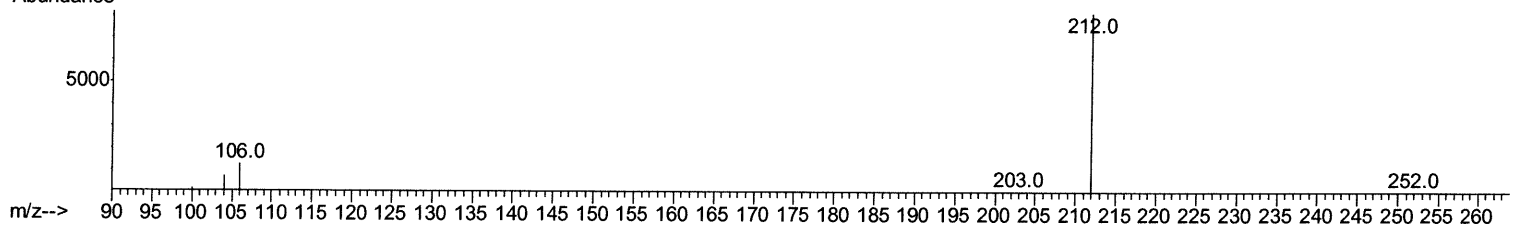
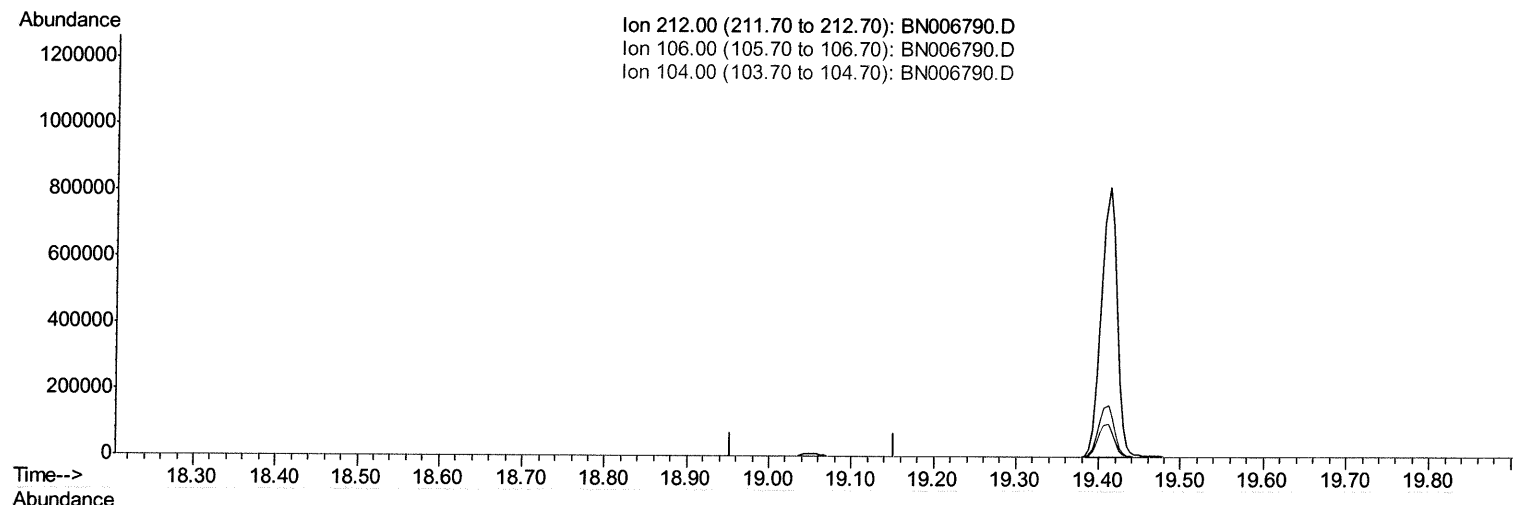
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006790.D  
 Acq On : 11 Jul 2019 10:40  
 Operator : HP/JU  
 Sample : PB121038BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK38

Manual Integrations  
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mohammad  
 7/12/2019 10:26:08 PM

Quant Time: Jul 12 06:42:40 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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 Response via : Initial Calibration



TIC: BN006790.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)

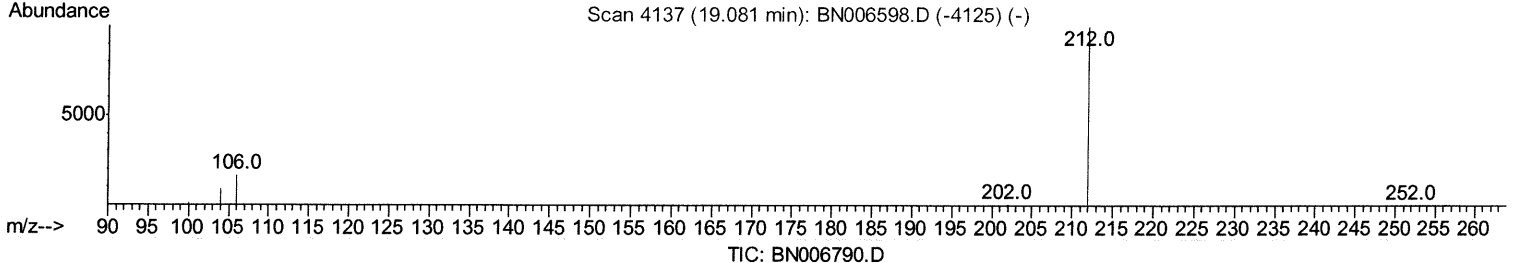
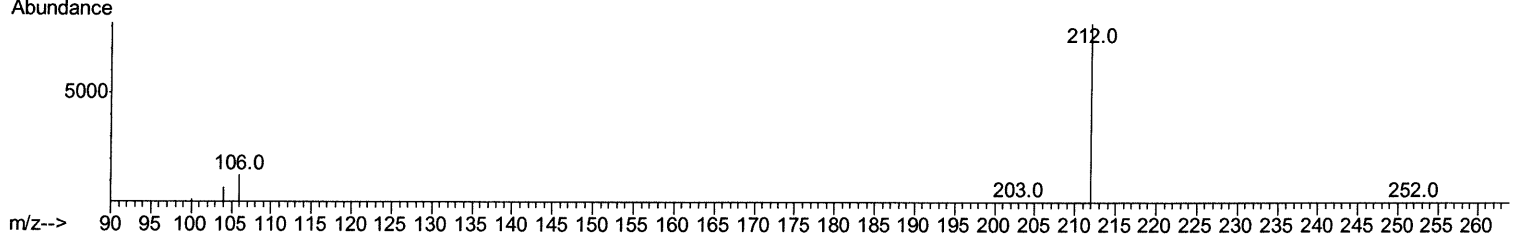
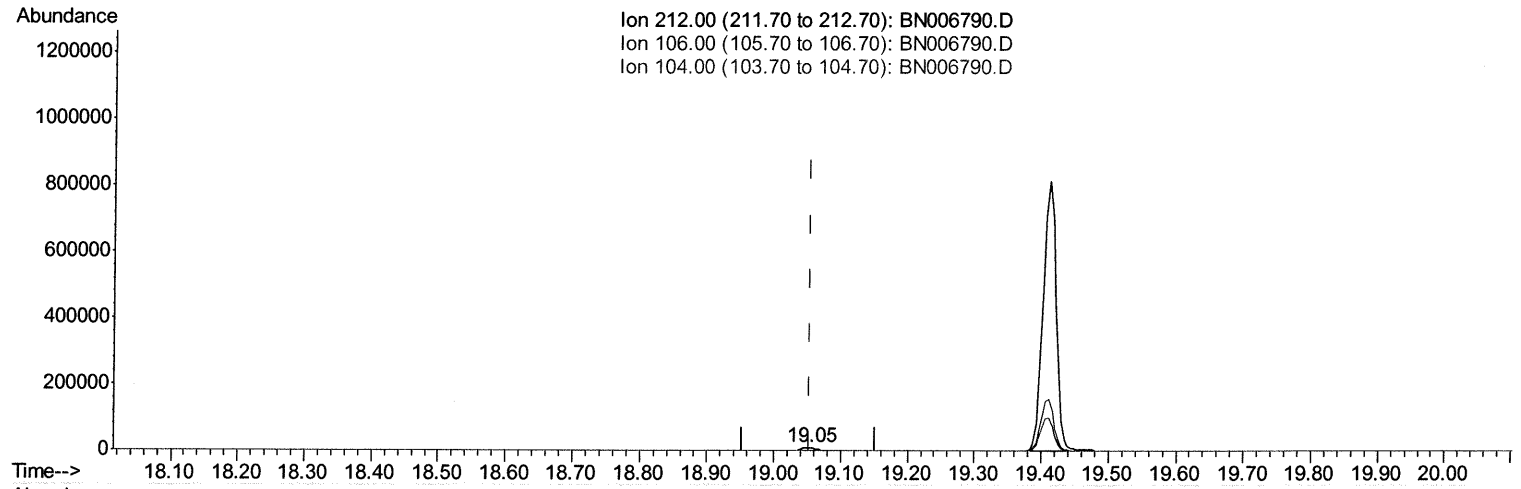
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006790.D  
 Acq On : 11 Jul 2019 10:40  
 Operator : HP/JU  
 Sample : PB121038BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 SBLK38

**Manual Integrations**  
**APPROVED**

mohammad  
 7/12/2019 10:26:08 PM

Quant Time: Jul 12 06:42:40 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 12689

| 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)

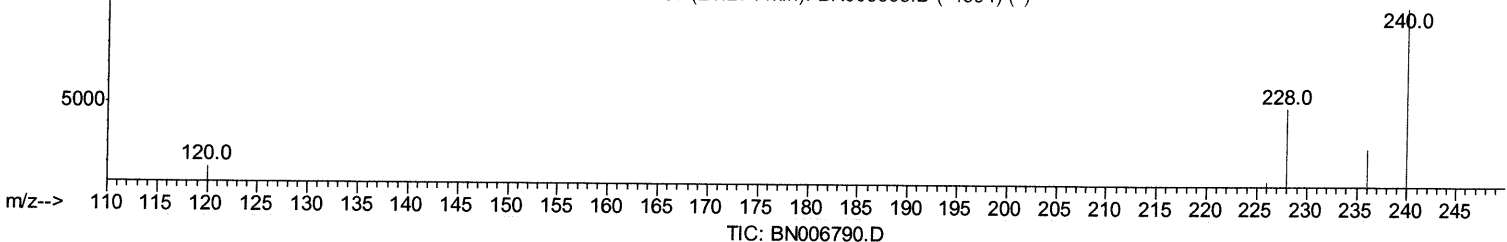
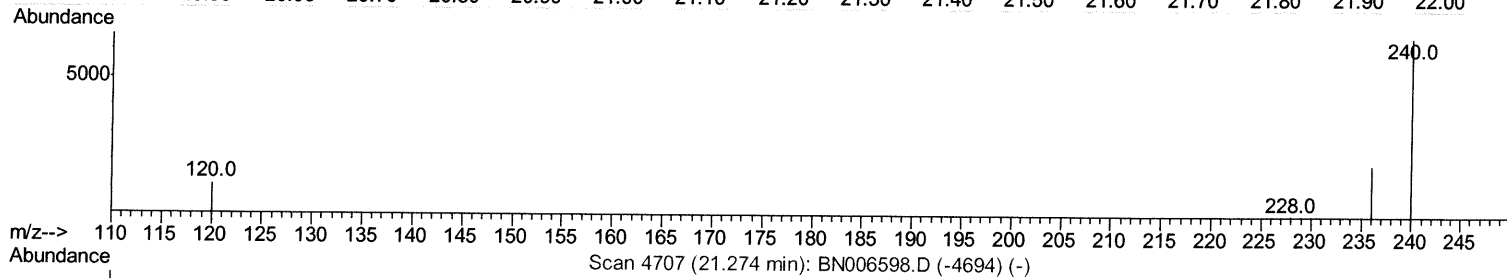
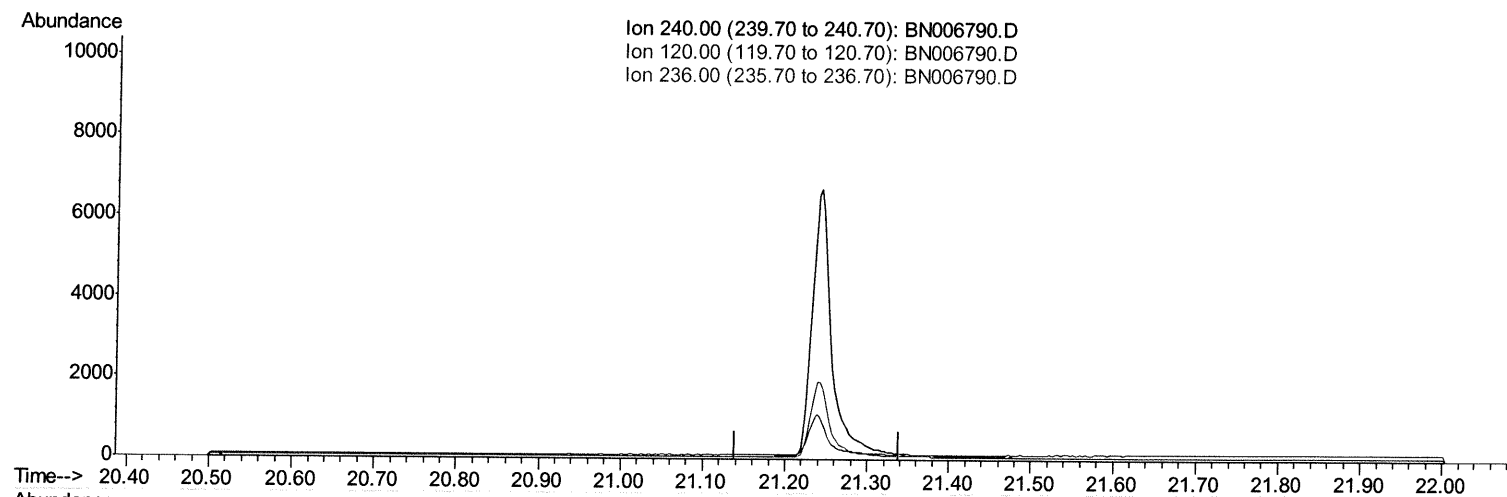
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006790.D  
Acq On : 11 Jul 2019 10:40  
Operator : HP/JU  
Sample : PB121038BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK38

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:26:08 PM

Quant Time: Jul 12 06:42:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
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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)

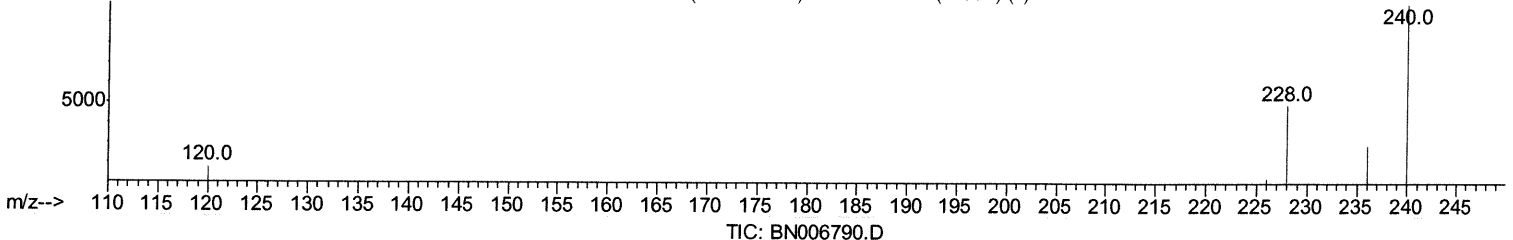
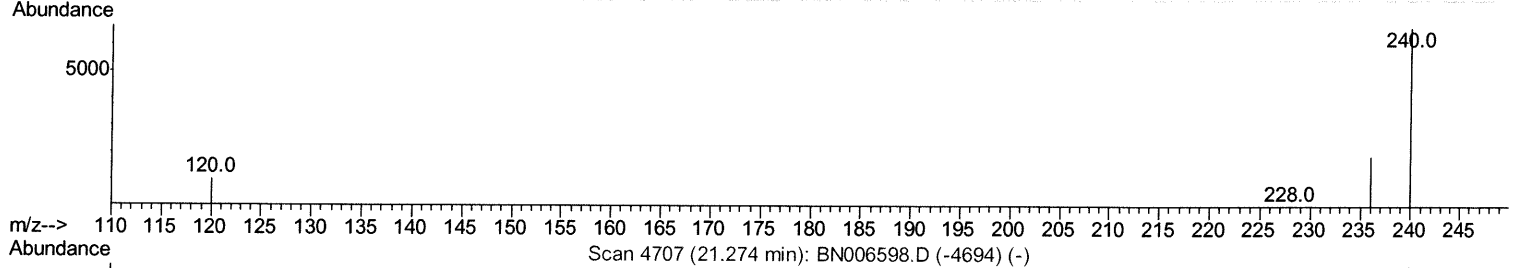
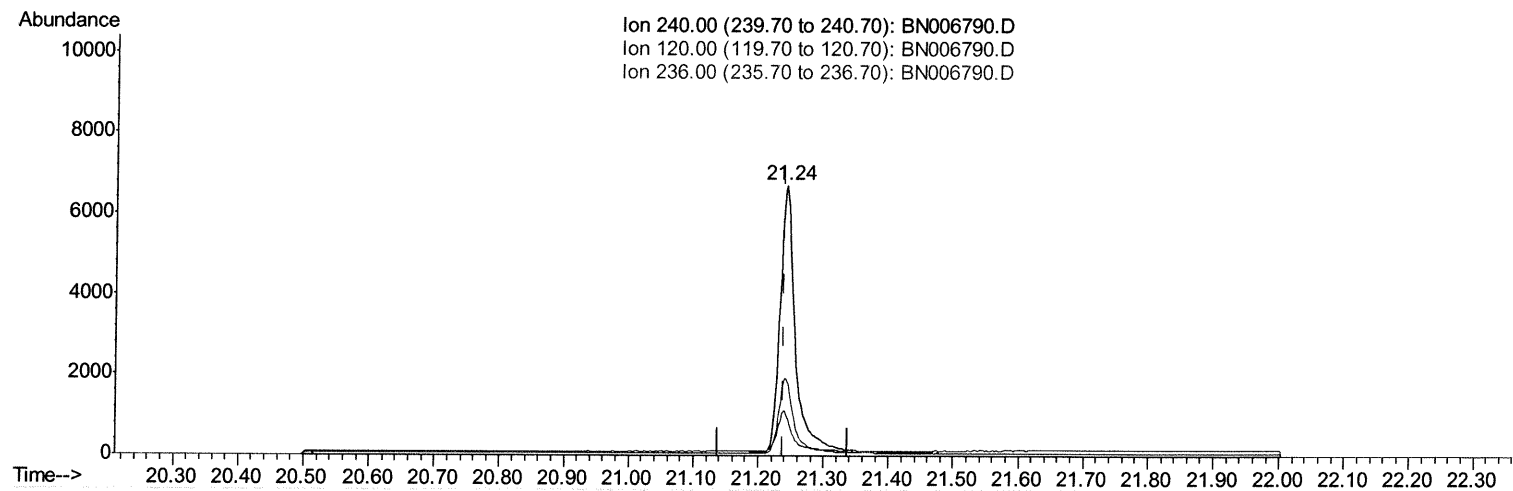
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006790.D  
 Acq On : 11 Jul 2019 10:40  
 Operator : HP/JU  
 Sample : PB121038BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK38

Manual Integrations  
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mohammad  
 7/12/2019 10:26:08 PM

Quant Time: Jul 12 06:42:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
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 Response via : Initial Calibration



(16) Chrysene-d12 (I)

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

response 10949

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.20 | 15.42# |
| 236.00 | 30.00 | 28.84  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

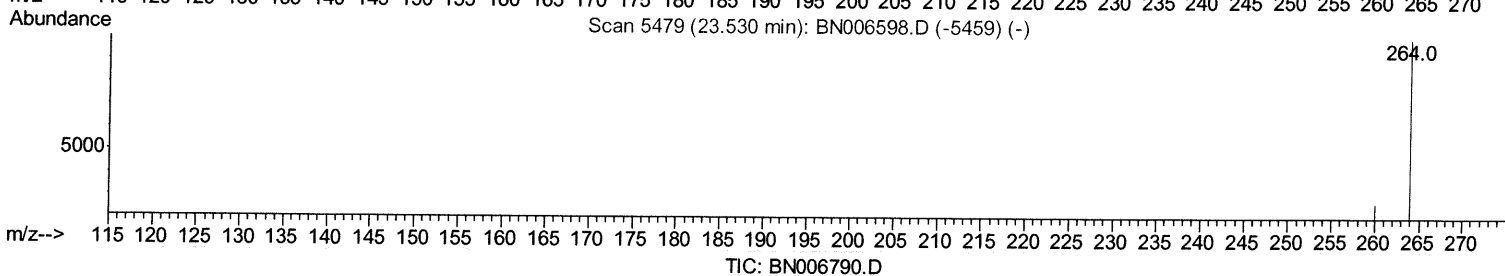
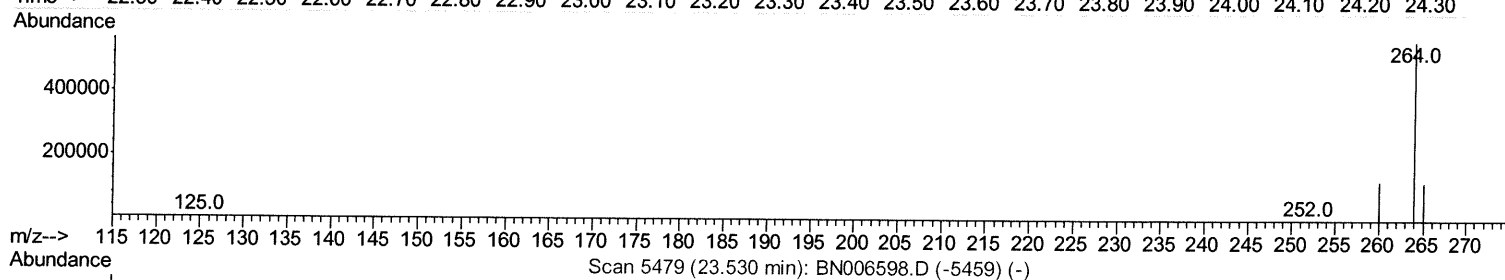
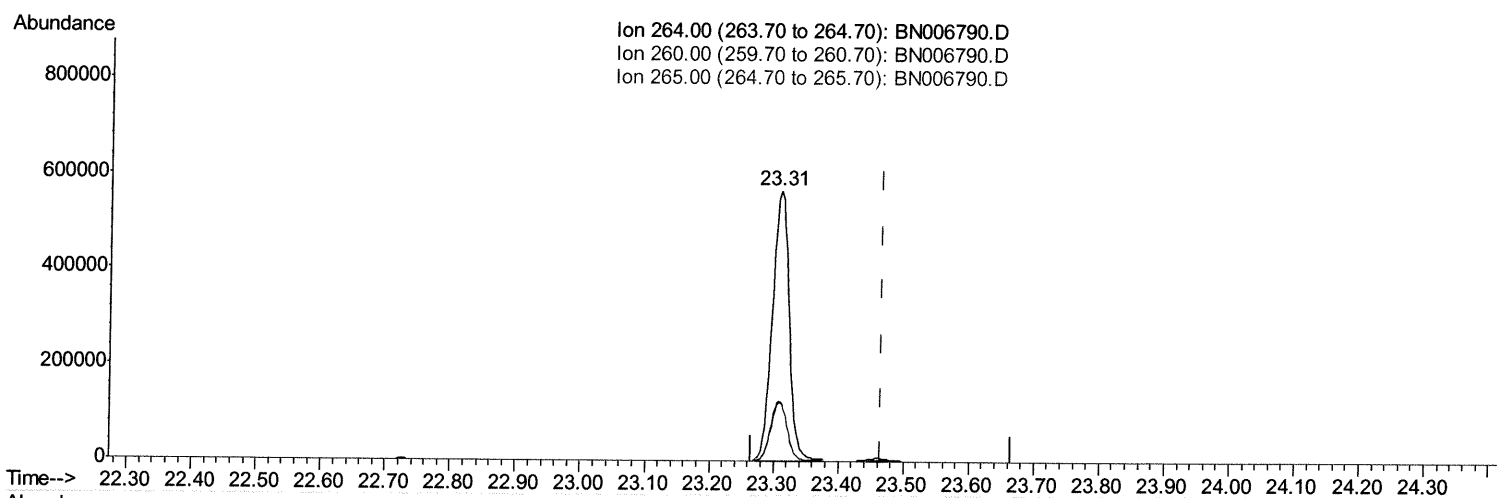
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006790.D  
Acq On : 11 Jul 2019 10:40  
Operator : HP/JU  
Sample : PB121038BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK38

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:26:08 PM

Quant Time: Jul 12 06:43:39 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



(20) Perylene-d12 (I)

23.308min (-0.158) 0.40ng/ul

response 1015299

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.27  |
| 265.00 | 36.10 | 21.63# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

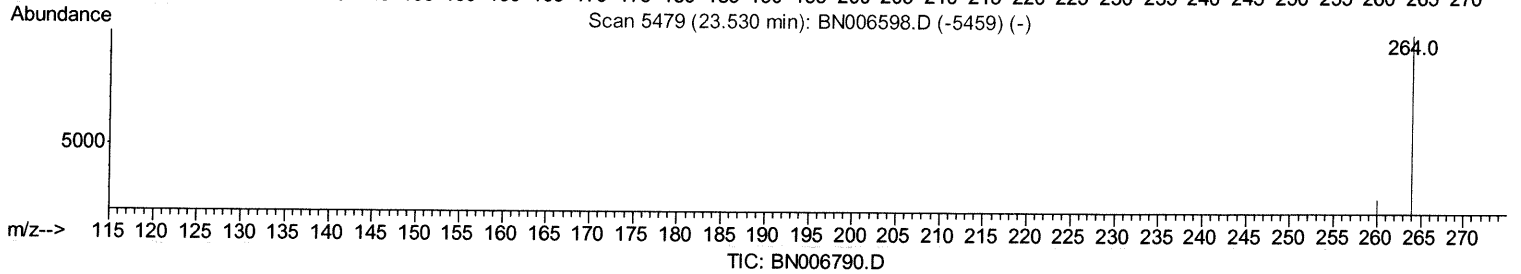
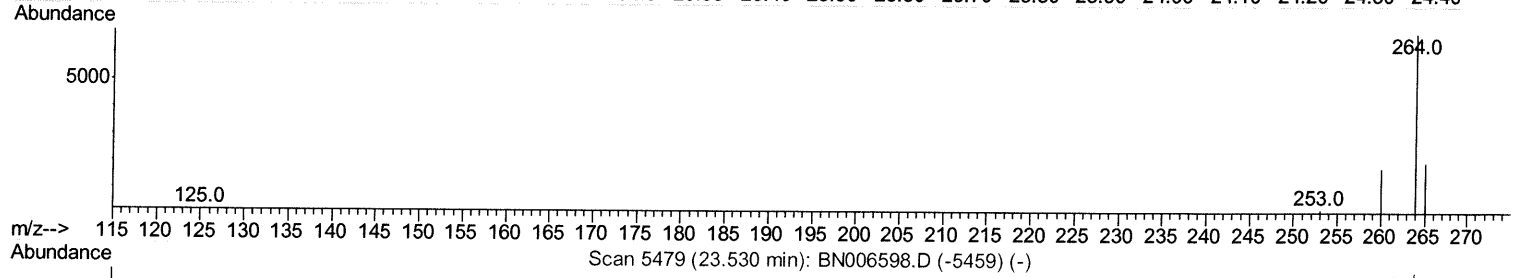
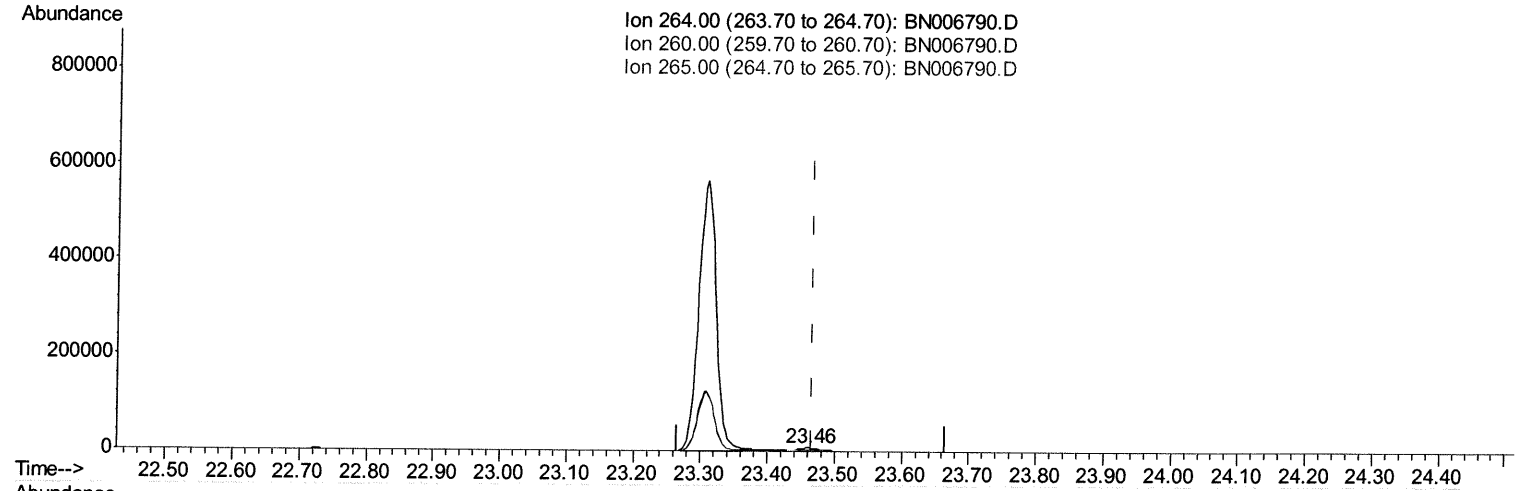
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006790.D  
 Acq On : 11 Jul 2019 10:40  
 Operator : HP/JU  
 Sample : PB121038BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK38

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:26:08 PM

Quant Time: Jul 12 06:43:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
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(20) Perylene-d12 (I)

23.460min (-0.006) 0.40ng/ul m 07/12/19

response 10546

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.38 |
| 265.00 | 36.10 | 29.85 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006790.D  
Acq On : 11 Jul 2019 10:40  
Operator : HP/JU  
Sample : PB121038BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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mohammad  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 3496     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.35 | 136  | 12633    | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10       | 14.24 | 164  | 6674     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 13907m > | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.24 | 240  | 10949m > | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.46 | 264  | 10546m > | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 5718     | 0.29 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 12689m > | 0.31 | ng/ul | 0.00     |

| Target Compounds | Ovalue |
|------------------|--------|
|------------------|--------|

JU 07/12/19

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