

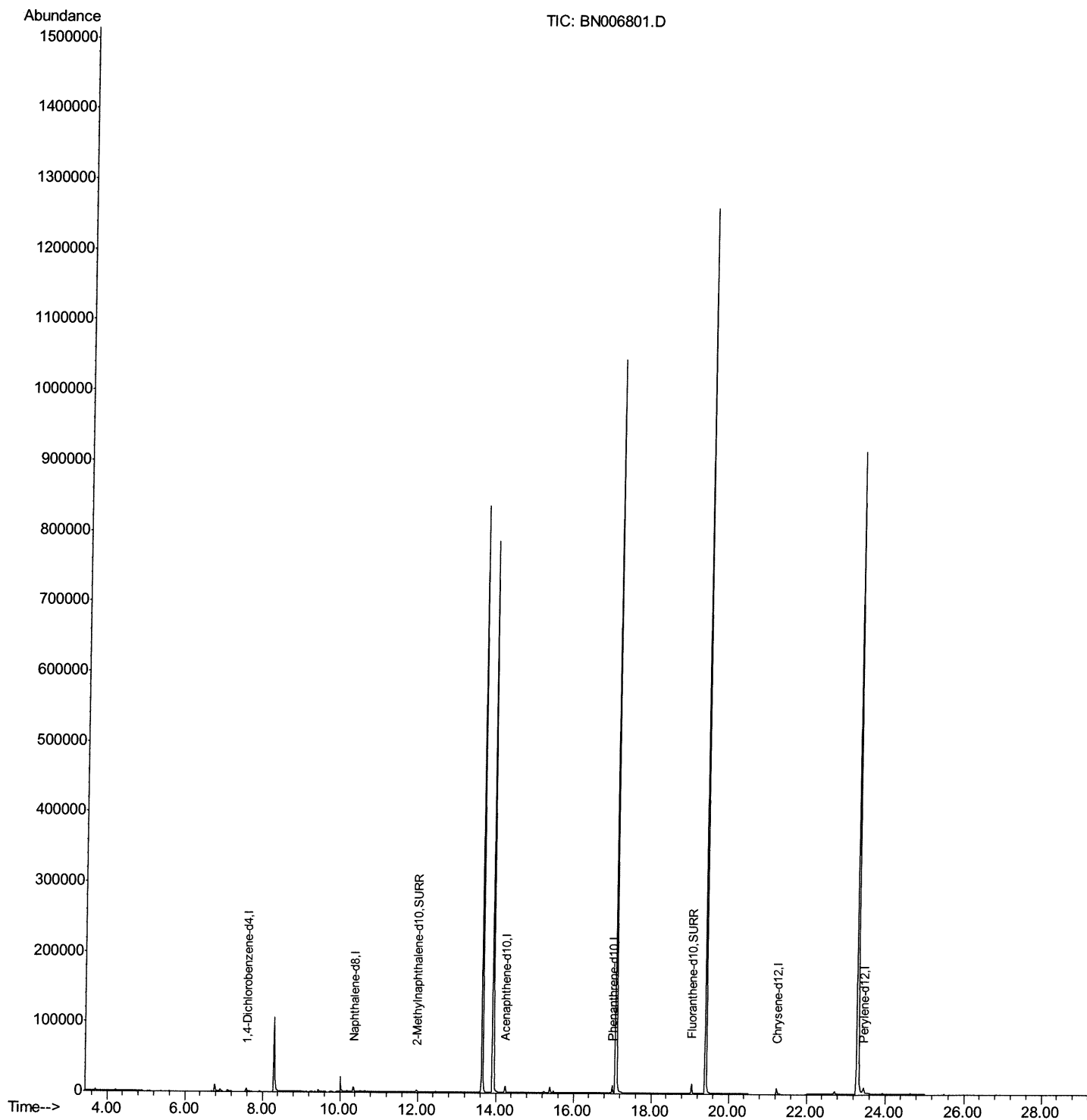
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006801.D  
Acq On : 11 Jul 2019 17:02  
Operator : HP/JU  
Sample : K3578-10  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLJH5

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:26:47 PM

Quant Time: Jul 12 07:39:39 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



# Quantitation Report (Qedit)

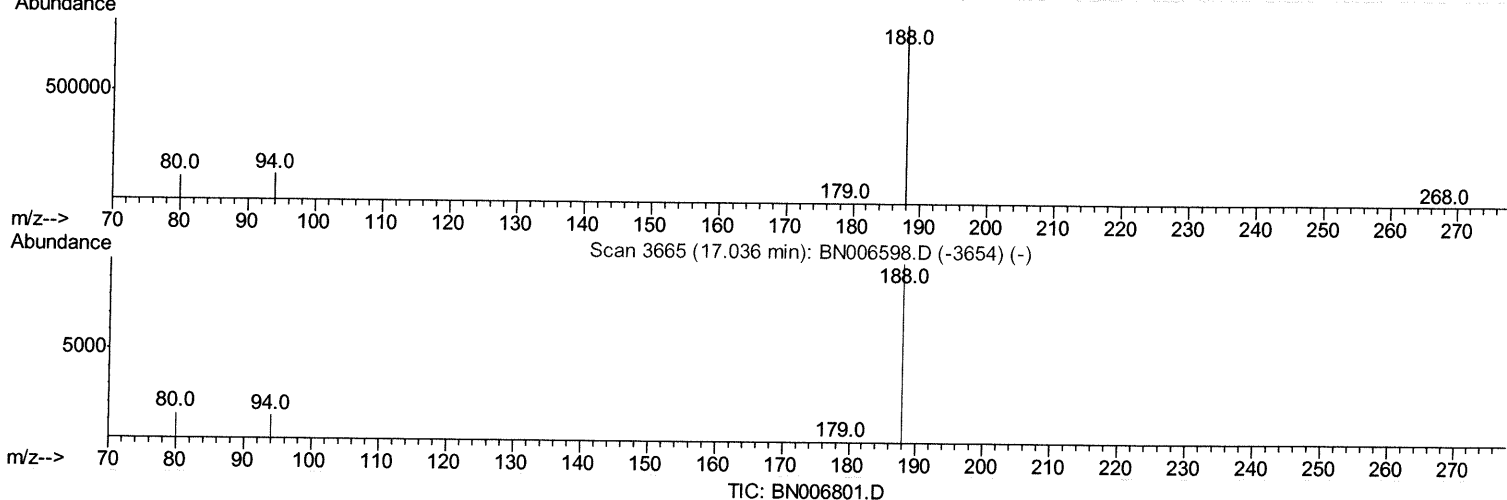
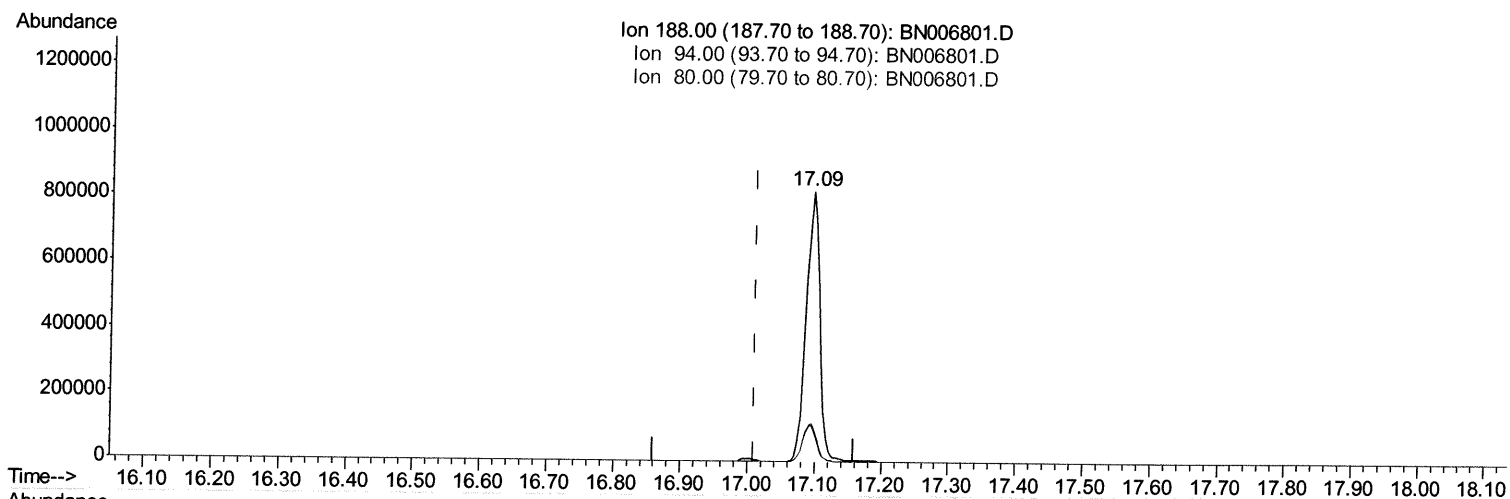
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(10) Phenanthrene-d10 (I)

17.095min (+0.084) 0.40ng/ui

response 1142269

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 14.22 |
| 80.00  | 14.80 | 13.27 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

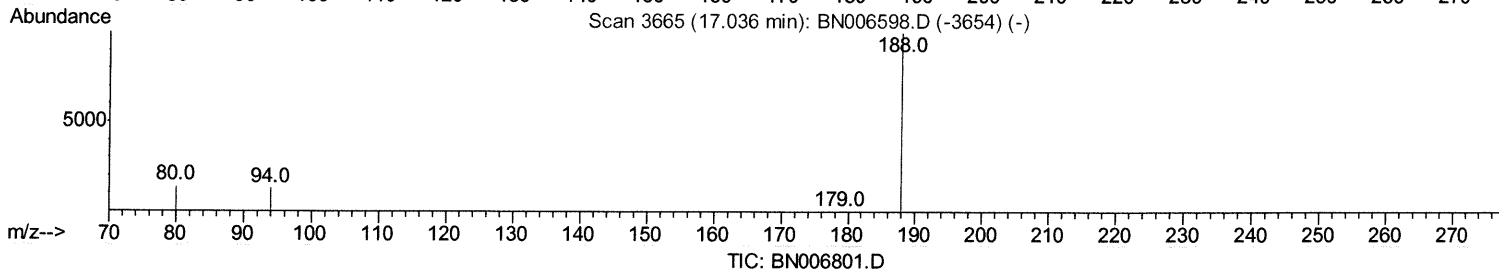
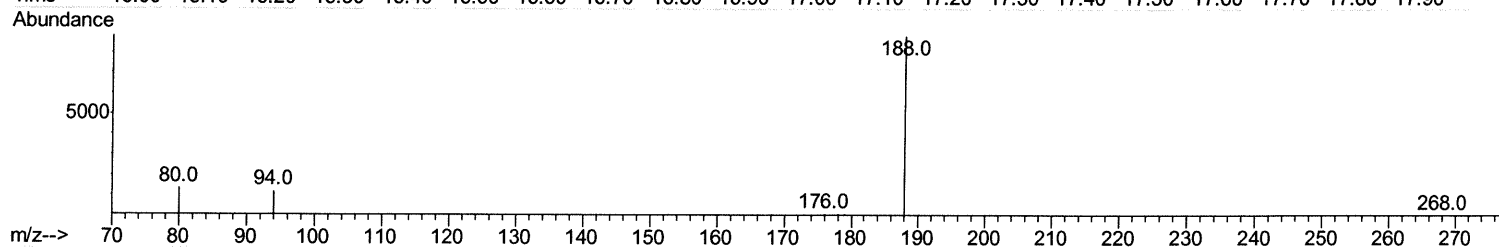
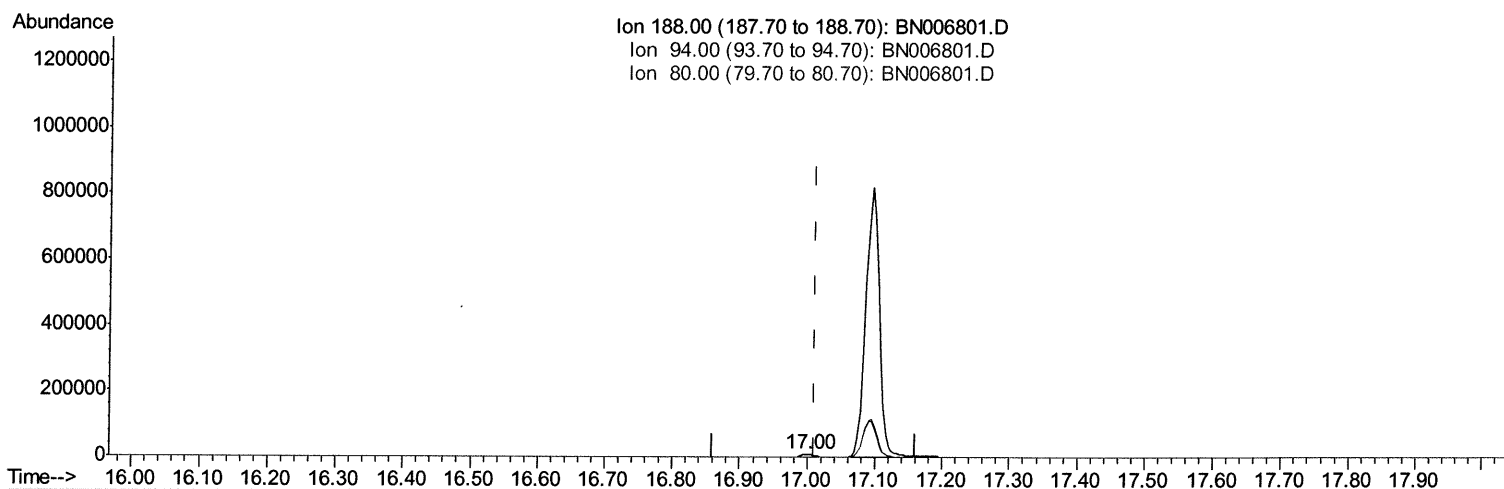
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
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(10) Phenanthrene-d10 (I)

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

response 12201

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.75 |
| 80.00  | 14.80 | 15.36 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

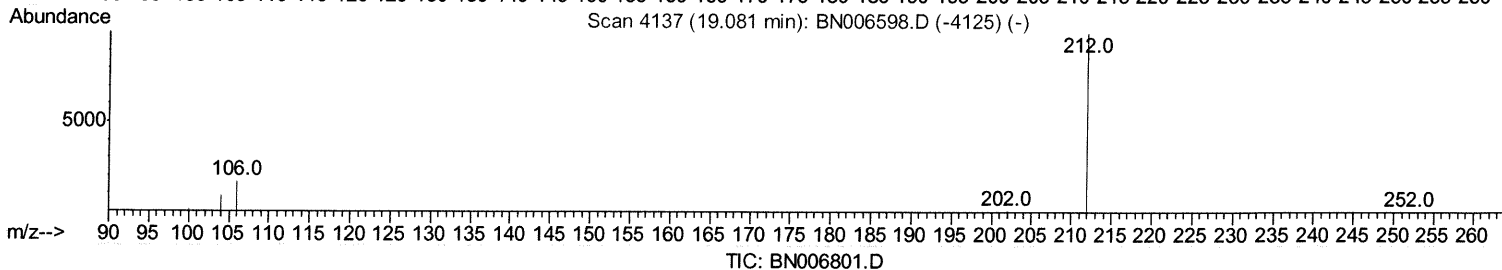
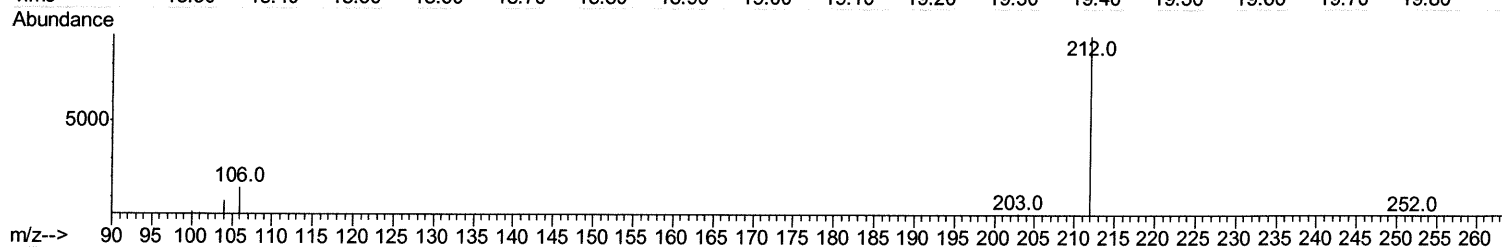
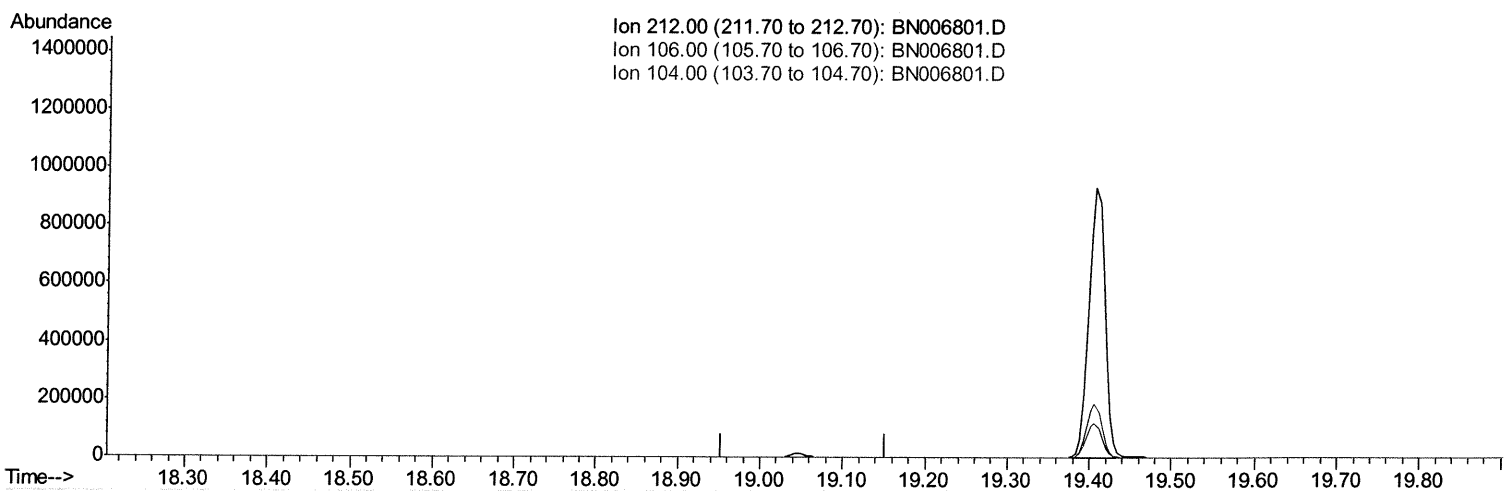
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
Data File : BN006801.D  
Acq On : 11 Jul 2019 17:02  
Operator : HP/JU  
Sample : K3578-10  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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(14) Fluoranthene-d10 (SURRE)

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)

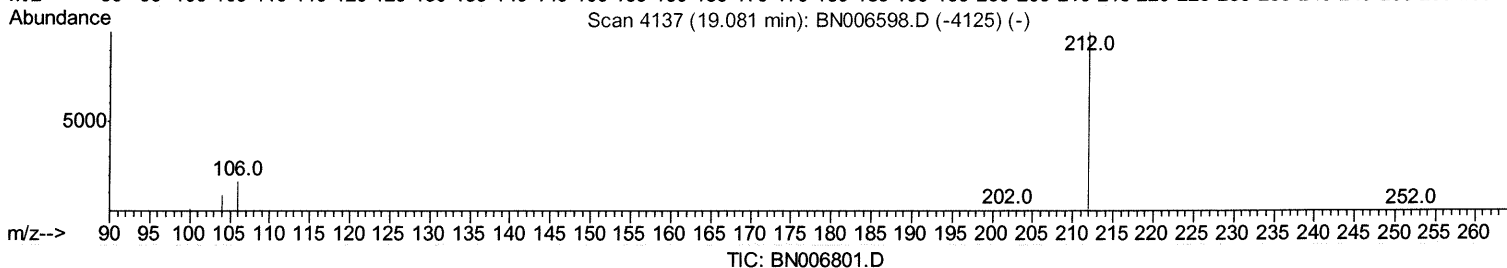
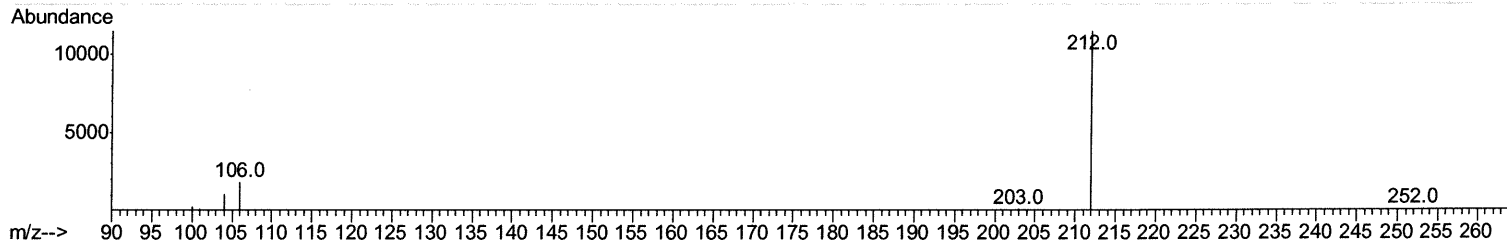
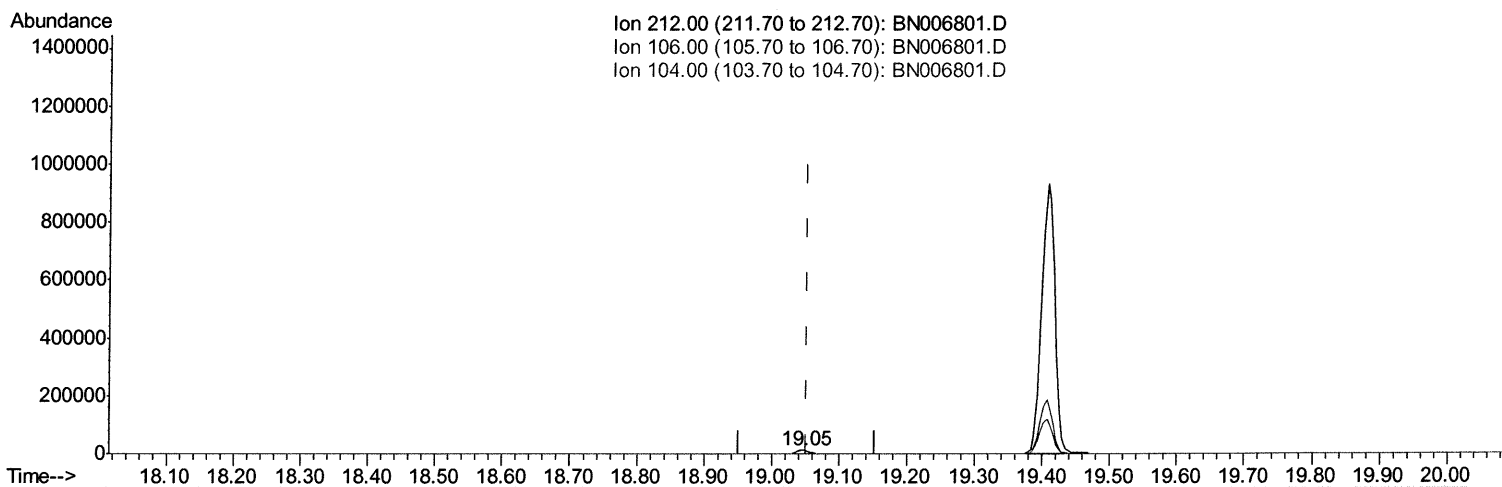
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006801.D  
 Acq On : 11 Jul 2019 17:02  
 Operator : HP/JU  
 Sample : K3578-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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(14) Fluoranthene-d10 (SURRE)

19.048min (-0.005) 0.46ng/ul m

JU  
 07/12/19

response 16306

| 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)

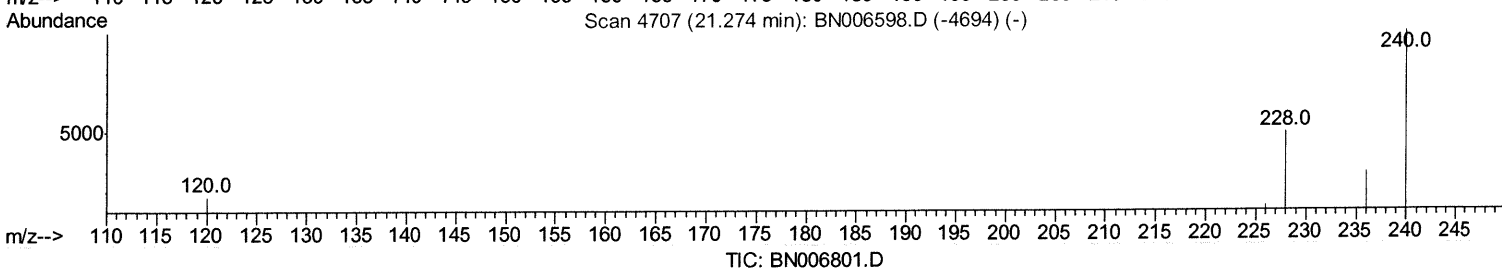
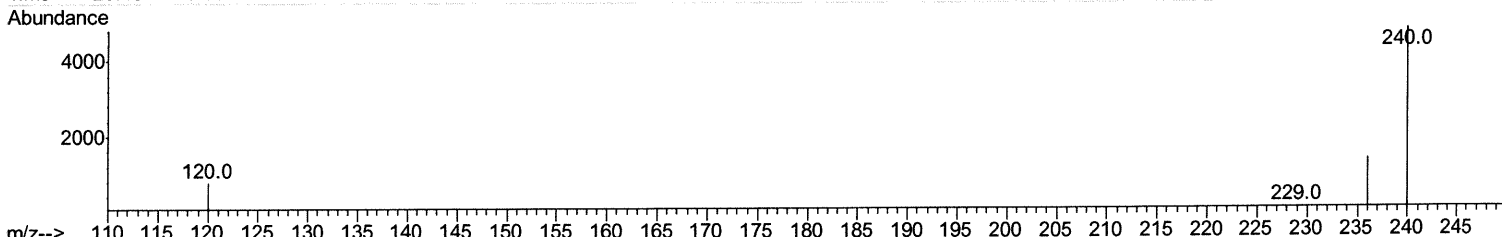
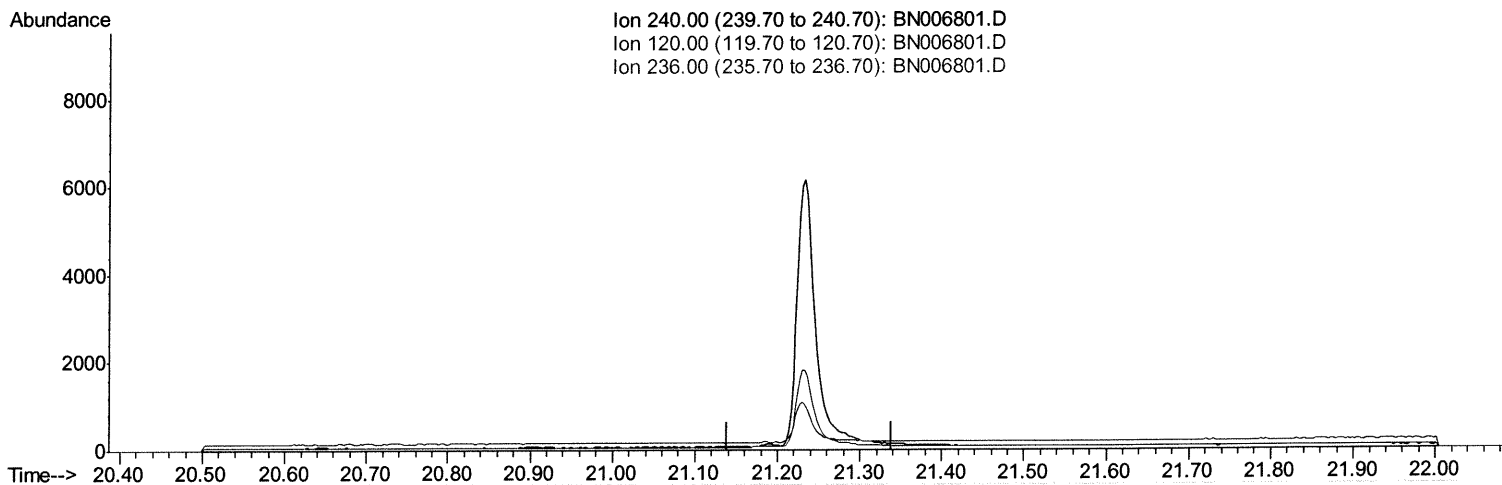
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006801.D  
 Acq On : 11 Jul 2019 17:02  
 Operator : HP/JU  
 Sample : K3578-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLJH5

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:26:47 PM

Quant Time: Jul 12 07:37:39 2019  
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(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)

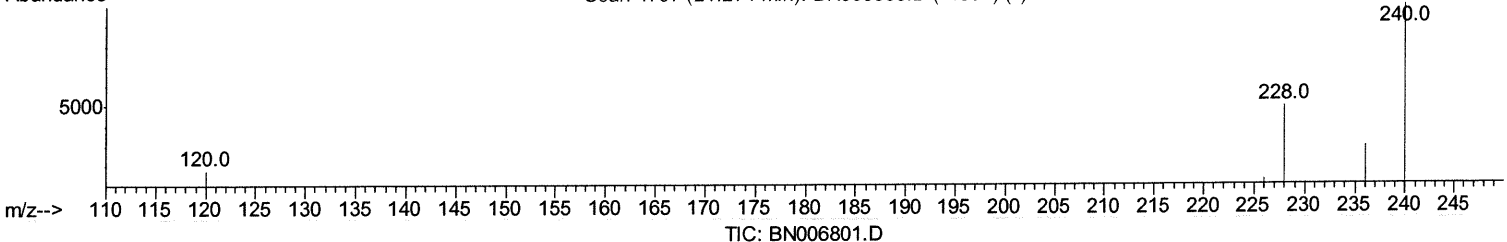
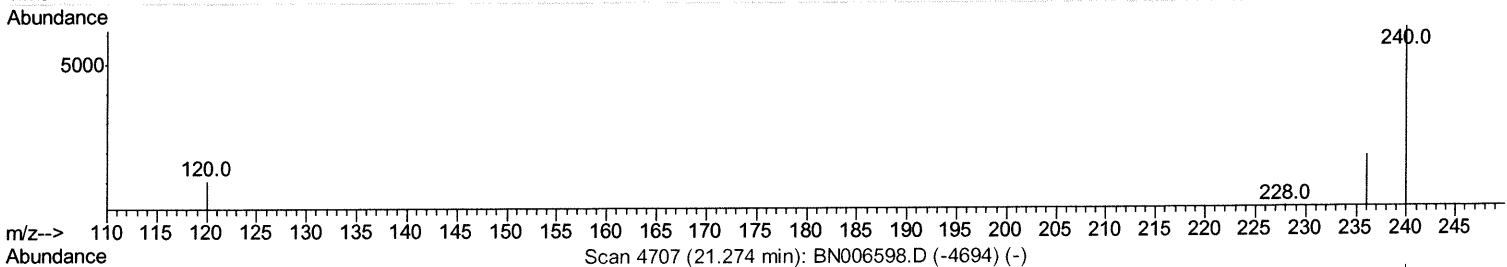
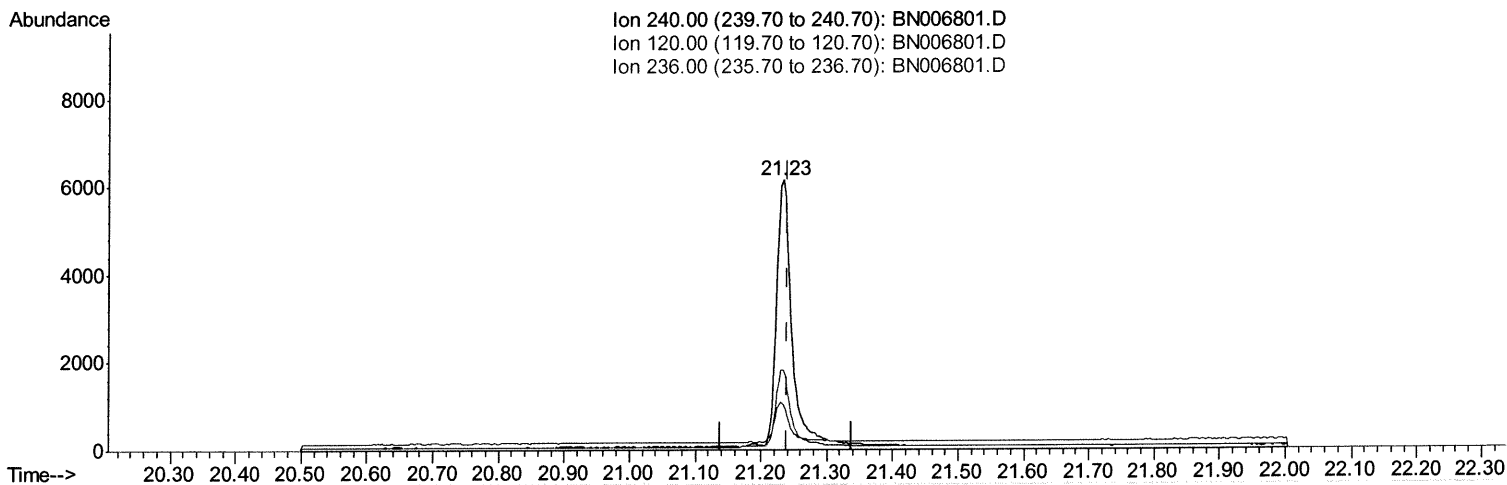
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006801.D  
 Acq On : 11 Jul 2019 17:02  
 Operator : HP/JU  
 Sample : K3578-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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(16) Chrysene-d12 (I)

21.233min (-0.006) 0.40ng/ui m *50 07/12/19*

response 9672

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.20 | 16.98 |
| 236.00 | 30.00 | 29.51 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

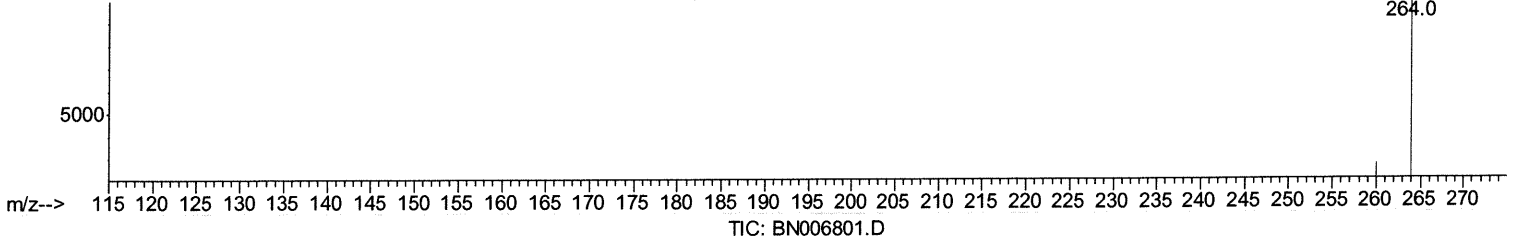
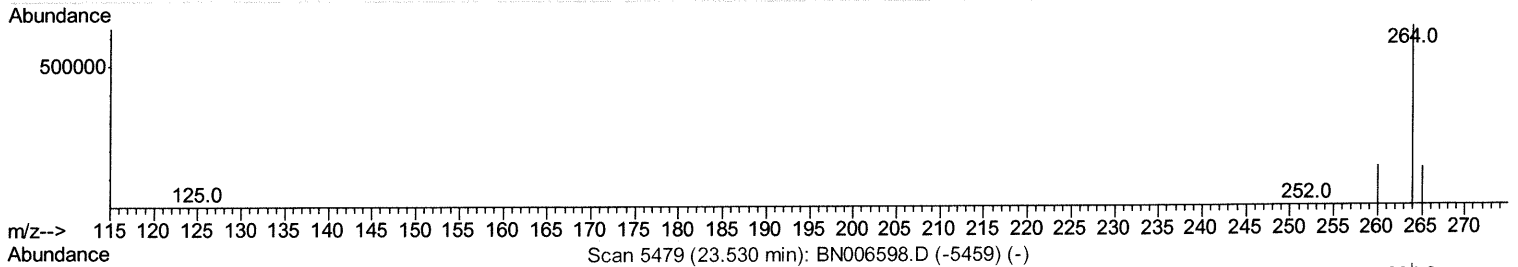
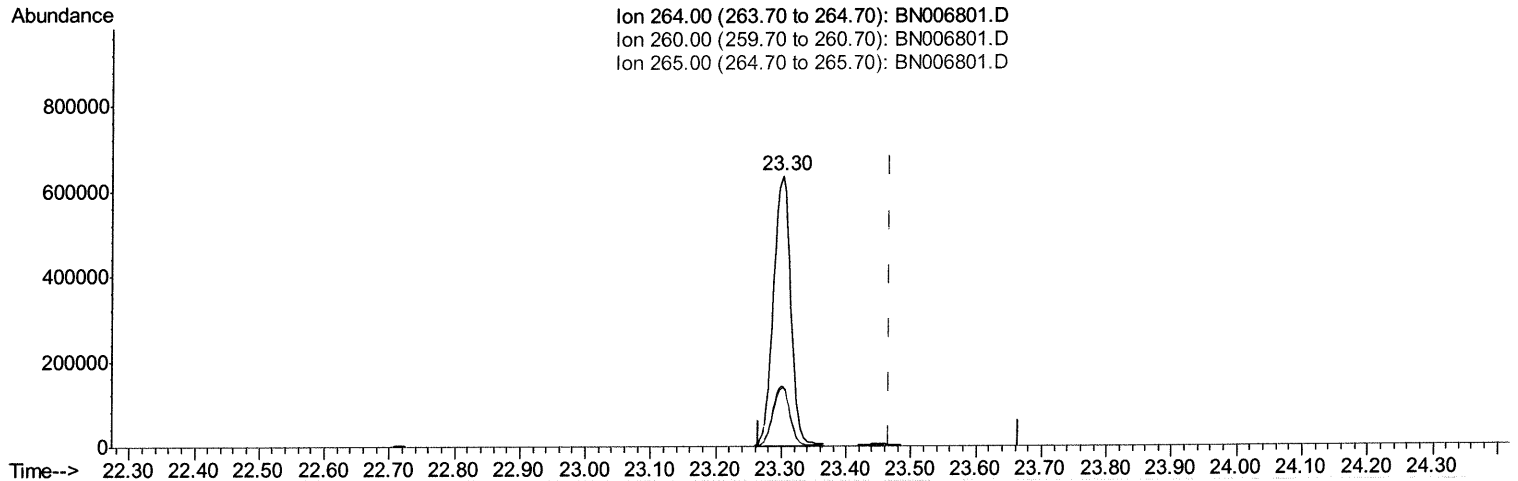
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006801.D  
 Acq On : 11 Jul 2019 17:02  
 Operator : HP/JU  
 Sample : K3578-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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mohammad  
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(20) Perylene-d12 (I)

23.302min (-0.164) 0.40ng/ul

response 1145515

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.28  |
| 265.00 | 36.10 | 21.63# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

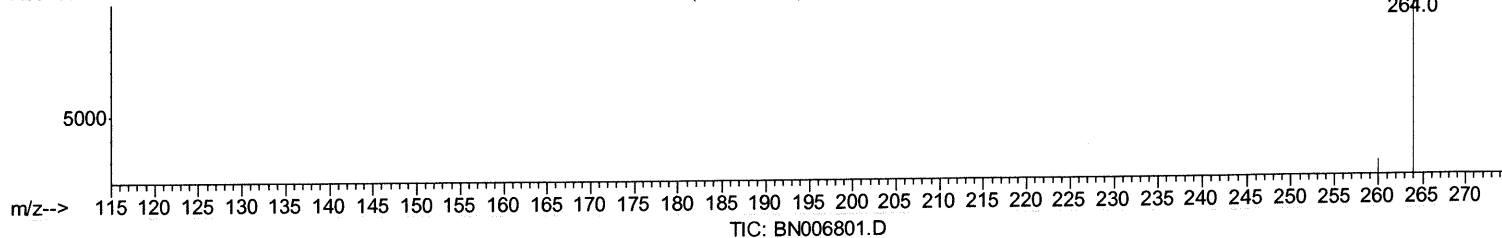
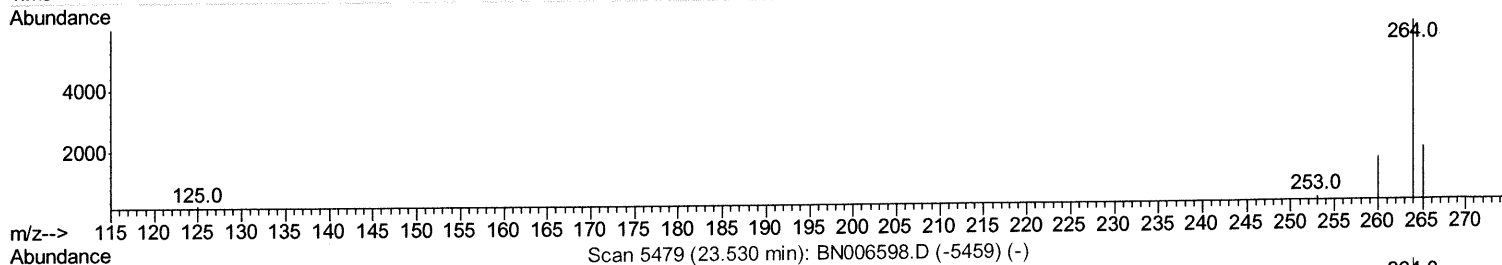
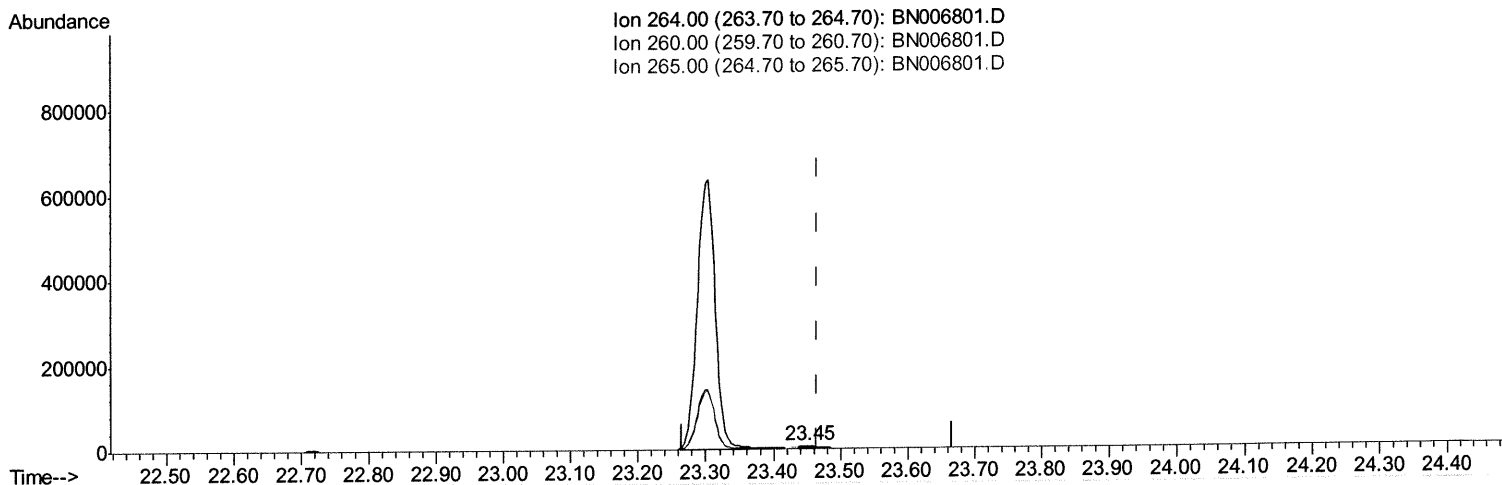
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
 Data File : BN006801.D  
 Acq On : 11 Jul 2019 17:02  
 Operator : HP/JU  
 Sample : K3578-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
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(20) Perylene-d12 (I)

23.451min (-0.015) 0.40ng/ul m 07/12/19

response 8567

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.13 |
| 265.00 | 36.10 | 31.52 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\  
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Operator : HP/JU  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 2863     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.35 | 136  | 10360    | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10       | 14.24 | 164  | 5693     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 12201m > | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.23 | 240  | 9672m >  | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.45 | 264  | 8567m >  | 0.40 | ng/ul | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 6565     | 0.41 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 16306m > | 0.46 | ng/ul | 0.00     |

Target Compounds Ovalue

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

JU 07/12/19