

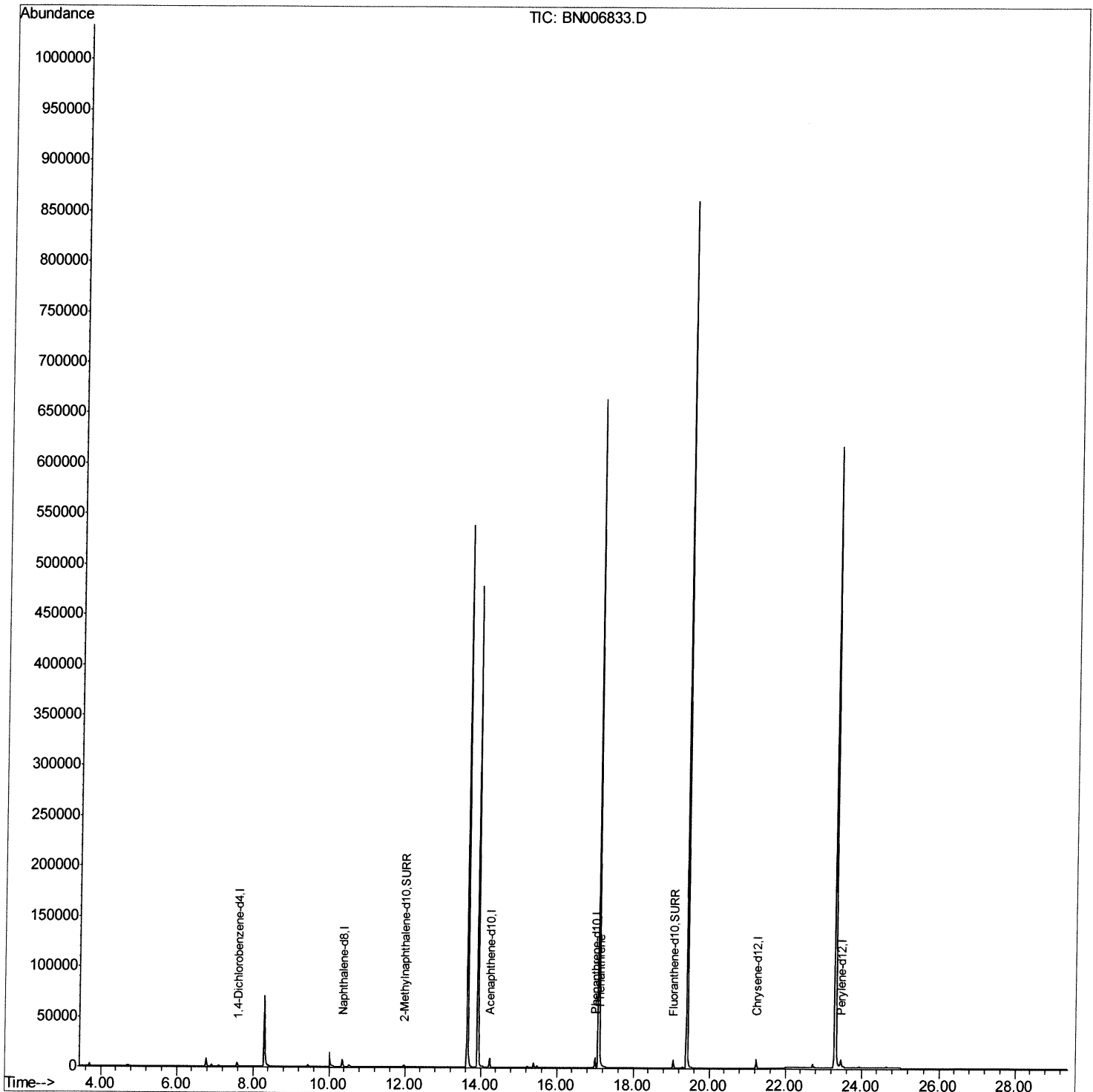
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
Data File : BN006833.D  
Acq On : 12 Jul 2019 14:35  
Operator : HP/JU  
Sample : K3717-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF498

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:42:22 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)

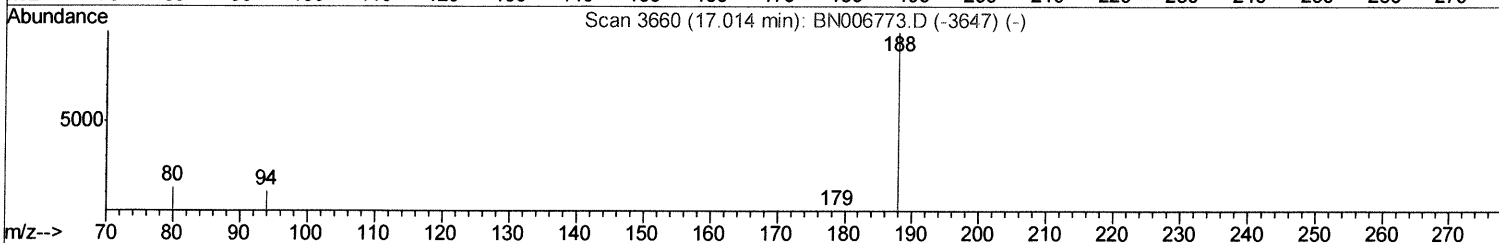
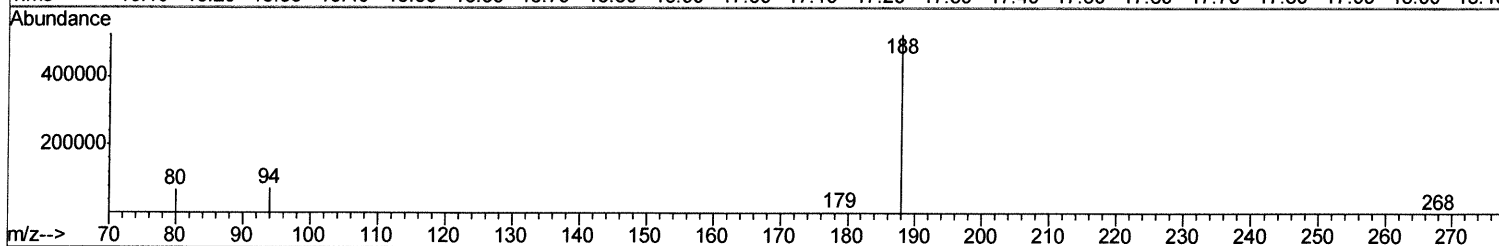
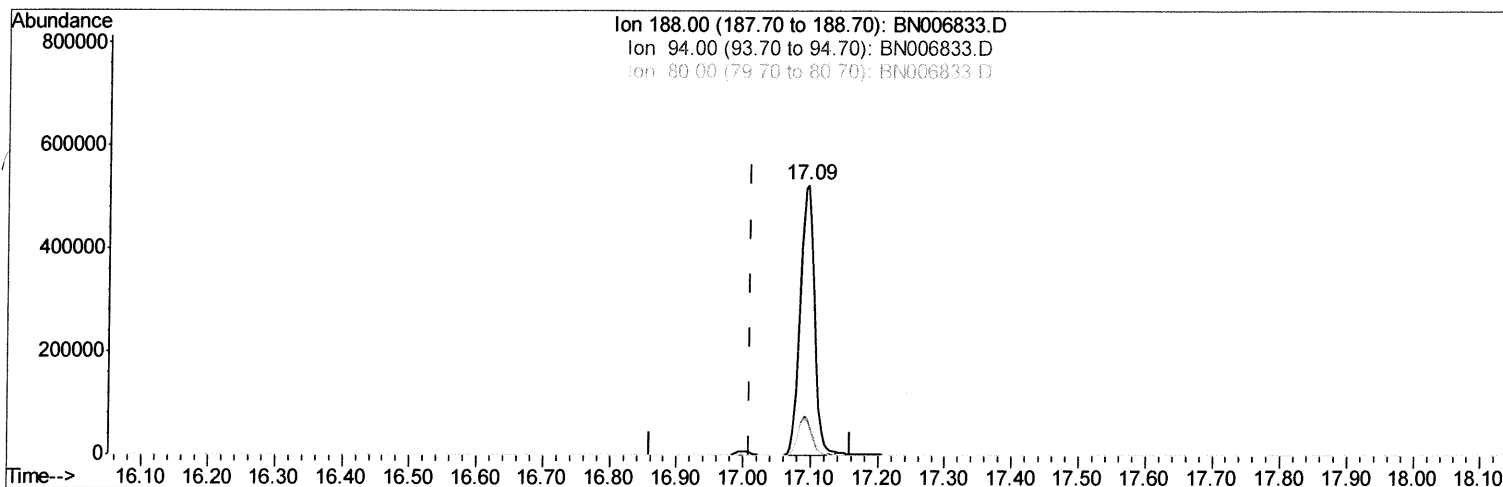
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
 Data File : BN006833.D  
 Acq On : 12 Jul 2019 14:35  
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Instrument :  
 BNA\_N  
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Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:38:52 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: BN006833.D

(10) Phenanthrene-d10 (I)

17.095min (+0.084) 0.40ng/ul

response 764057

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 13.58 |
| 80.00  | 14.80 | 12.76 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

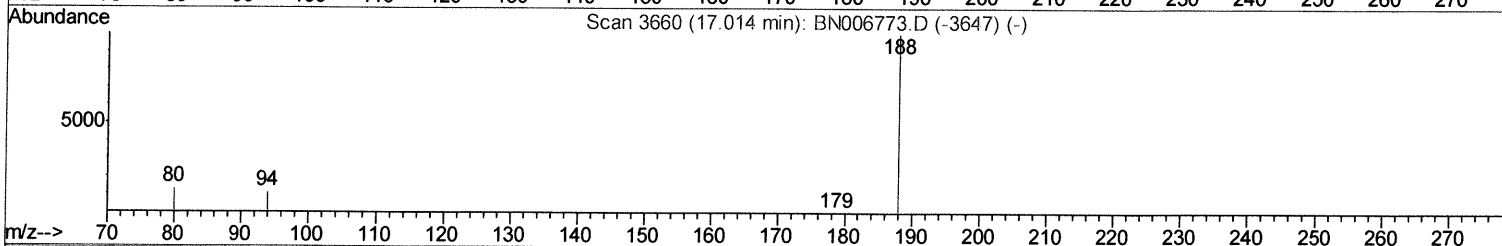
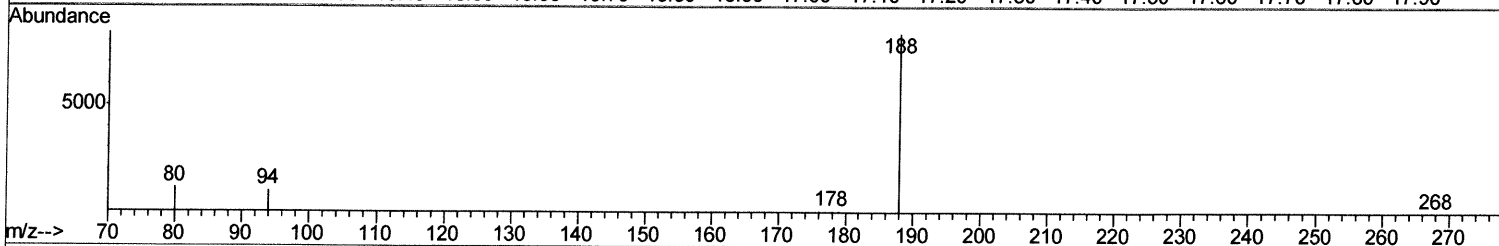
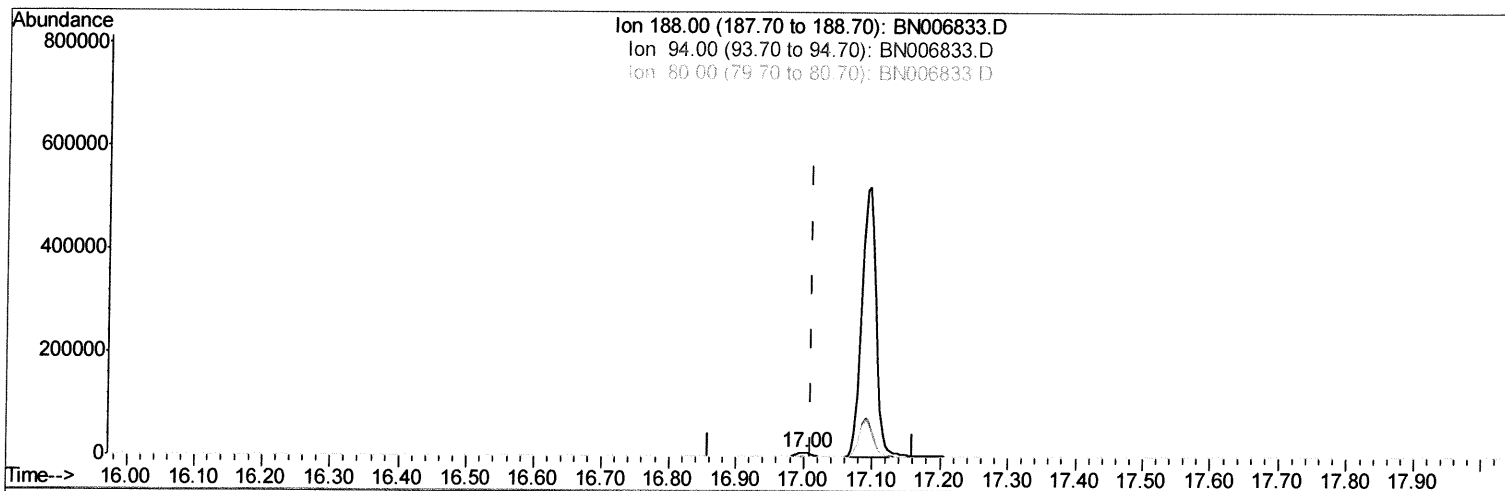
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
 Data File : BN006833.D  
 Acq On : 12 Jul 2019 14:35  
 Operator : HP/JU  
 Sample : K3717-13  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF498

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:38:52 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: BN006833.D

(10) Phenanthrene-d10 (I)

17.002min (-0.008) 0.40ng/ul m *JU* 07/16/19

response 11705

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.70 | 12.47 |
| 80.00  | 14.80 | 14.02 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

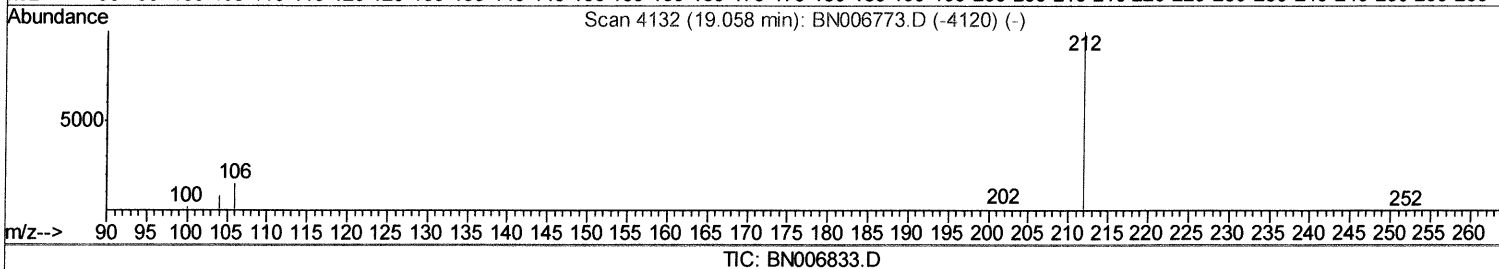
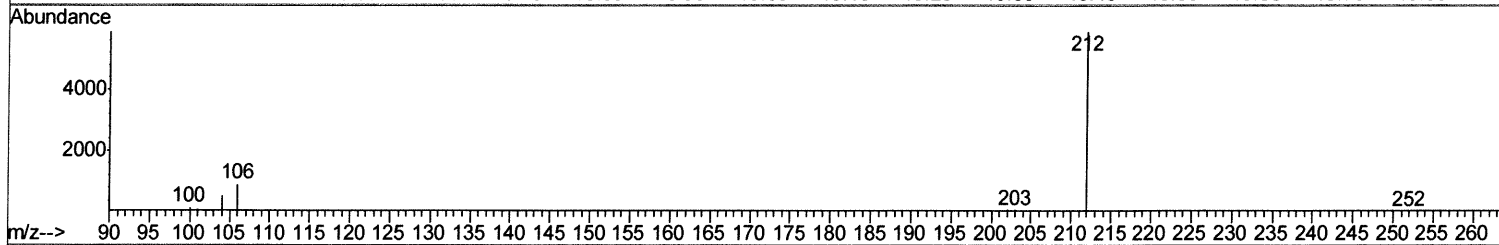
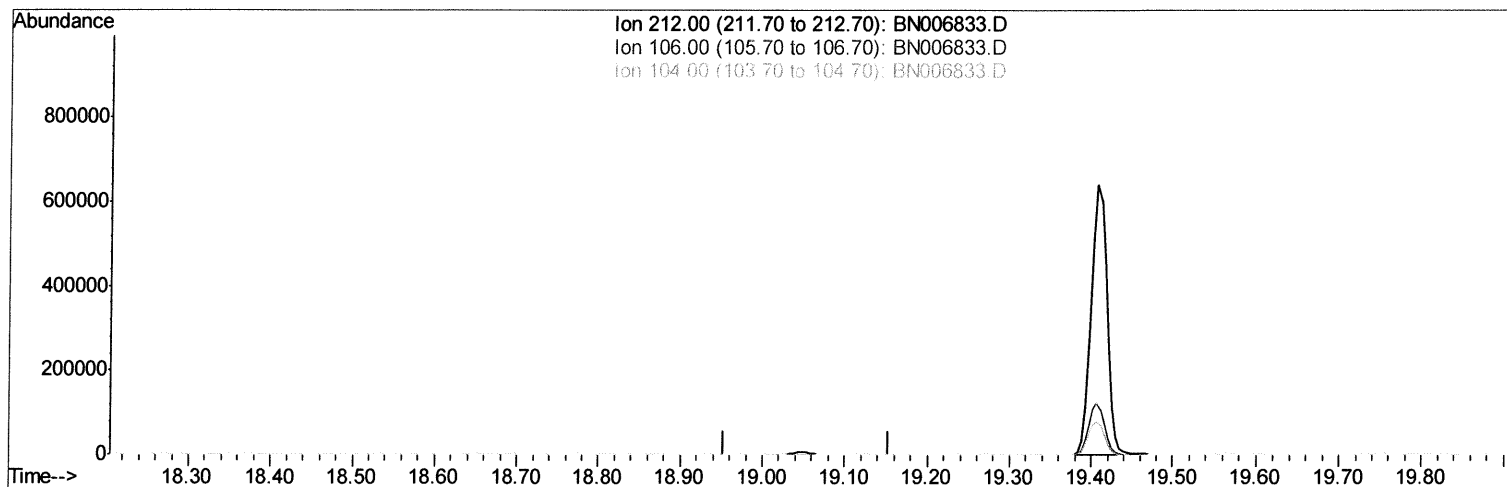
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
Data File : BN006833.D  
Acq On : 12 Jul 2019 14:35  
Operator : HP/JU  
Sample : K3717-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF498

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:39:27 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



(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)

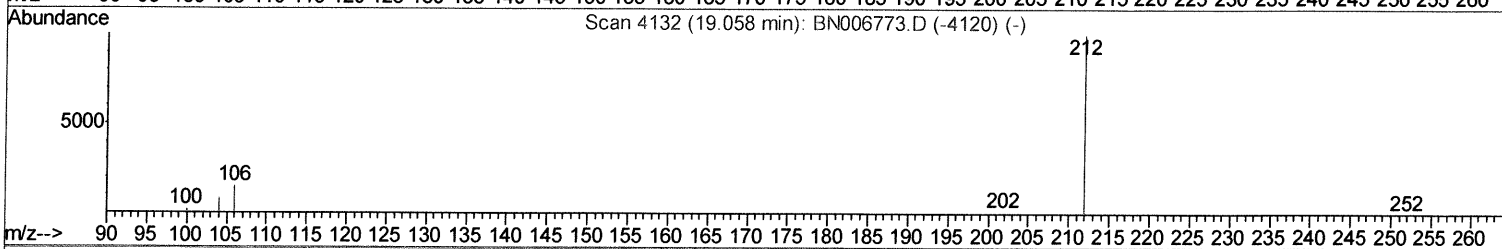
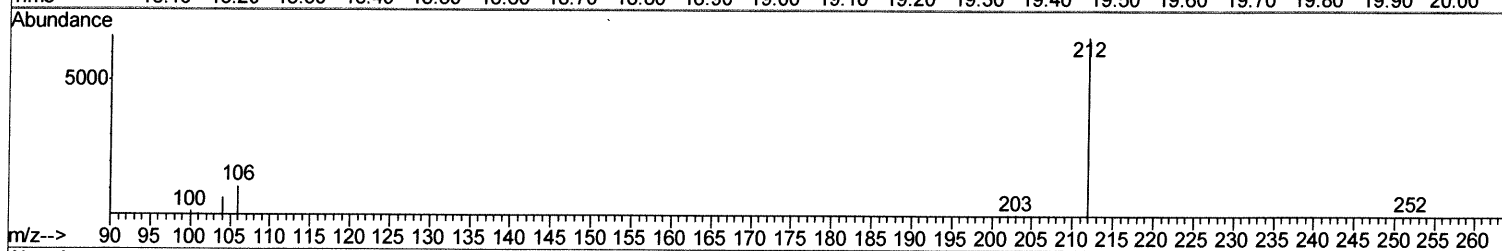
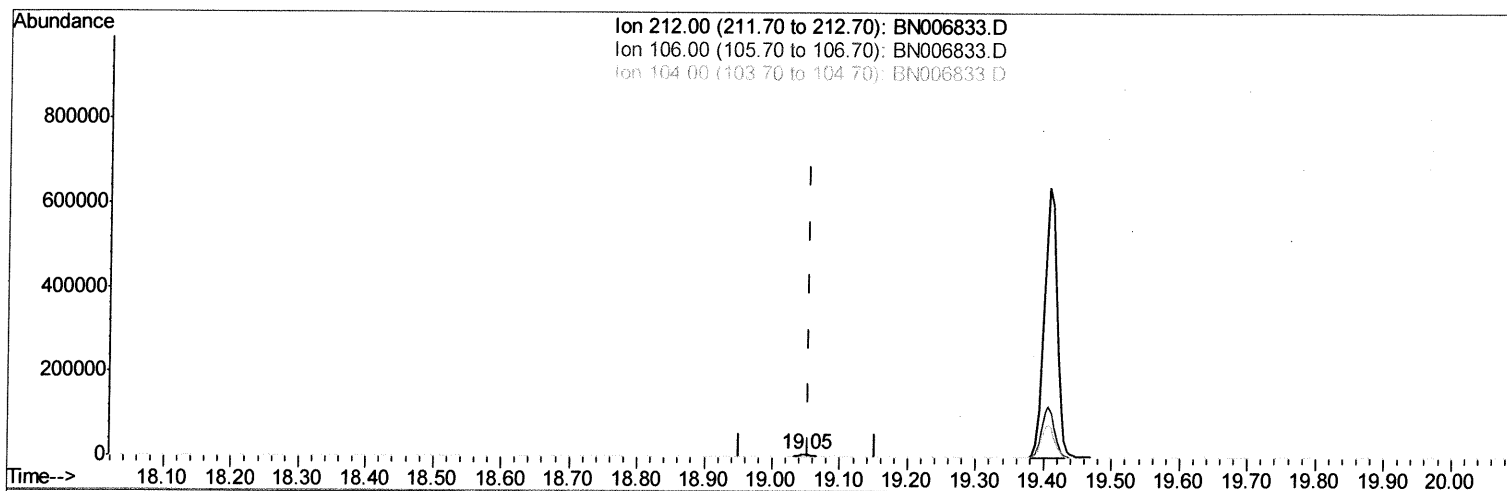
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
Data File : BN006833.D  
Acq On : 12 Jul 2019 14:35  
Operator : HP/JU  
Sample : K3717-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF498

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:39:27 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



TIC: BN006833.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.005) 0.28ng/ul m <sup>50</sup> 07/16/19

response 9538

| 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)

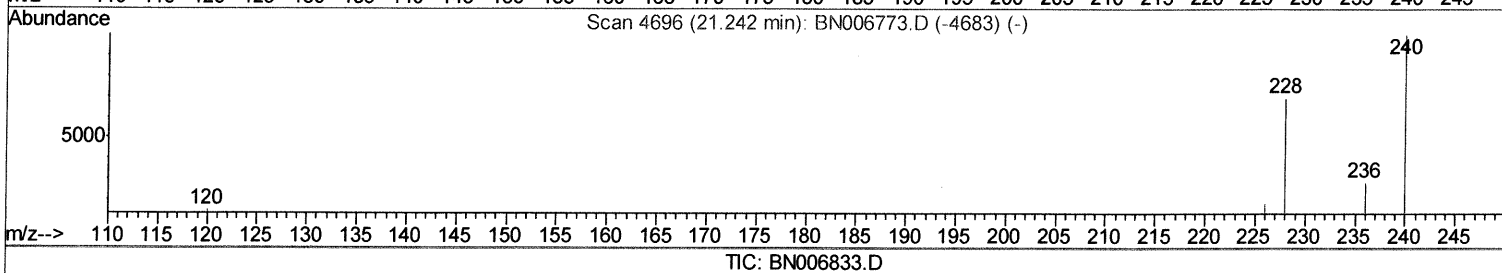
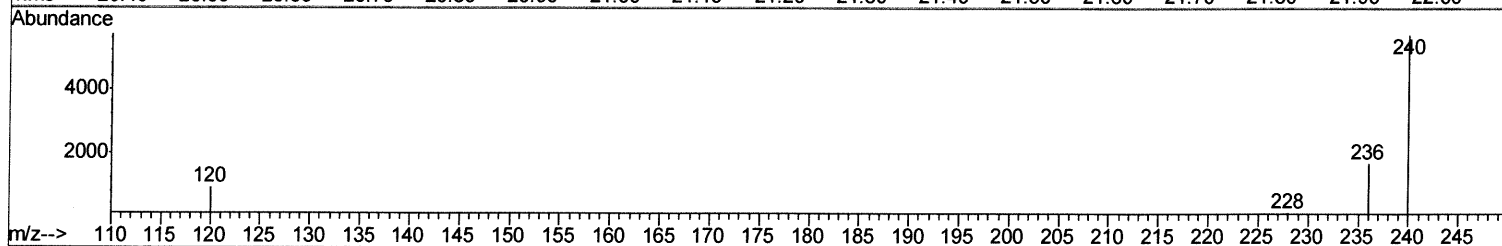
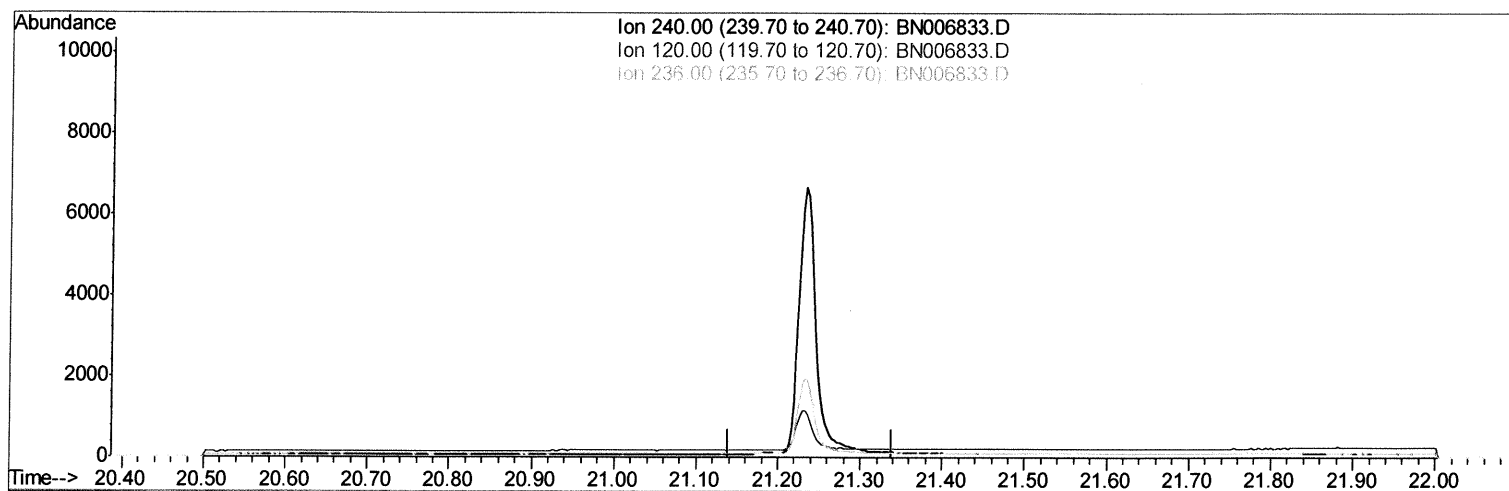
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
Data File : BN006833.D  
Acq On : 12 Jul 2019 14:35  
Operator : HP/JU  
Sample : K3717-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF498

Manual Integrations  
APPROVED

mohammad  
7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:39:27 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



(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)

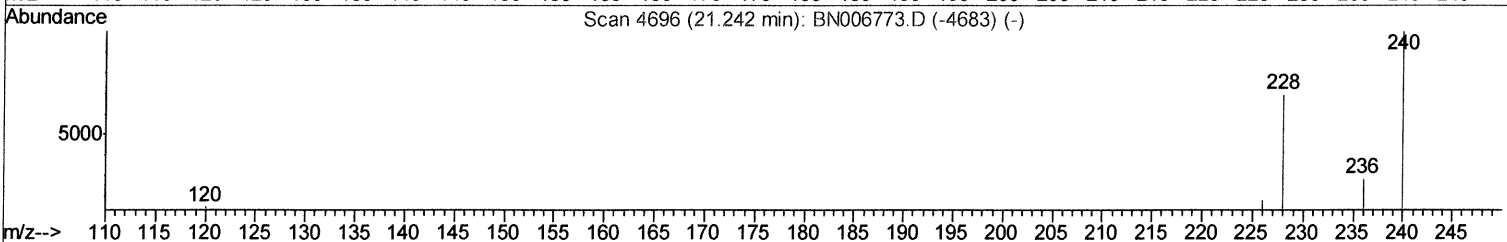
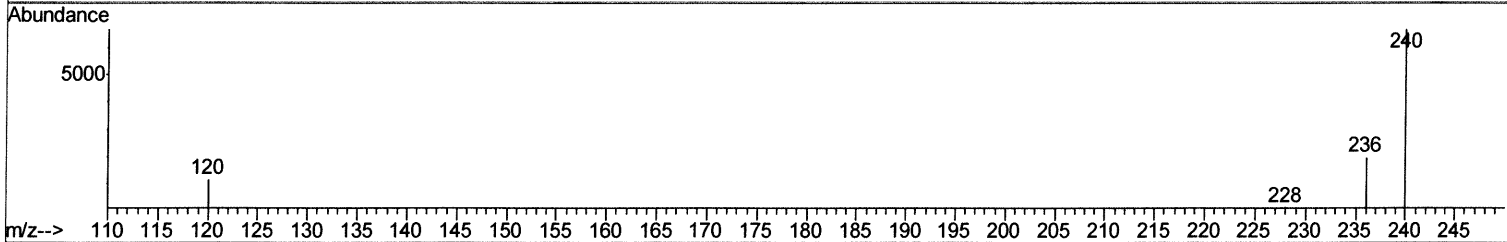
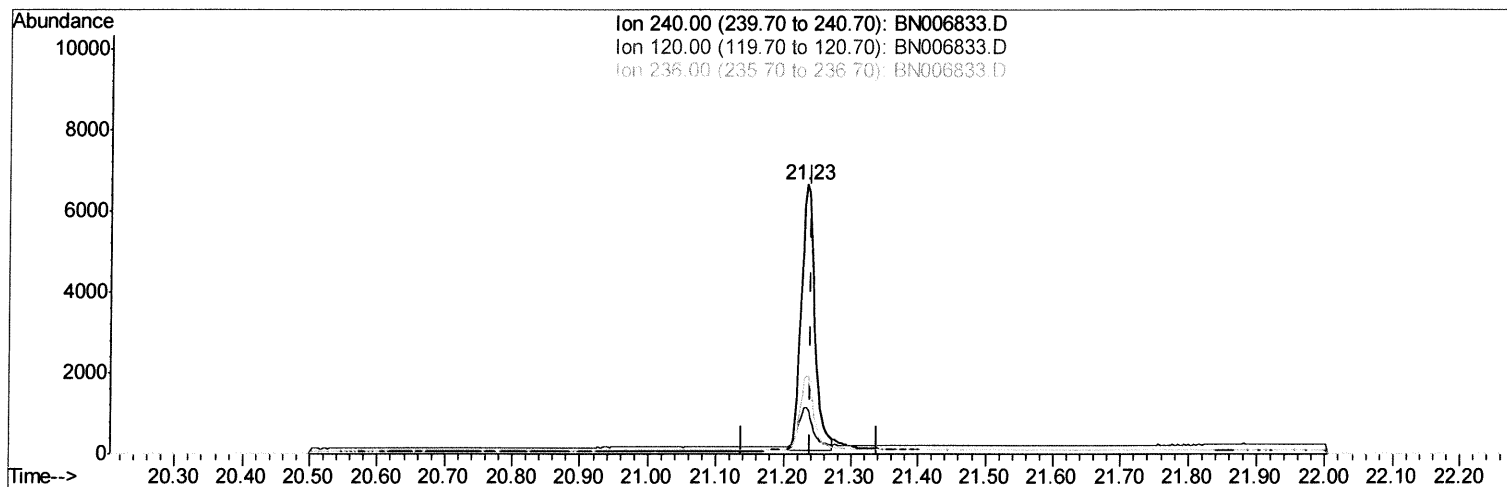
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
 Data File : BN006833.D  
 Acq On : 12 Jul 2019 14:35  
 Operator : HP/JU  
 Sample : K3717-13  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF498

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:39:27 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



TIC: BN006833.D

(16) Chrysene-d12 (I)

21.233min (-0.006) 0.40ng/ul m *JU* 07/16/19

response 9209

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.20 | 17.16 |
| 236.00 | 30.00 | 29.33 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

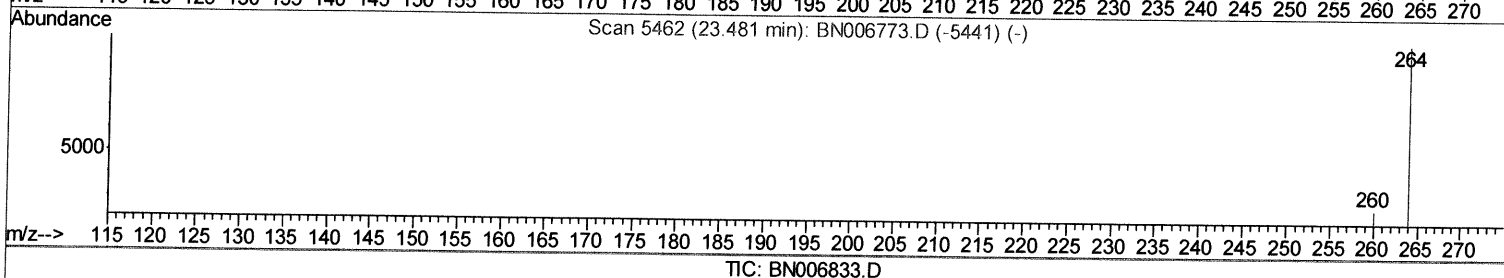
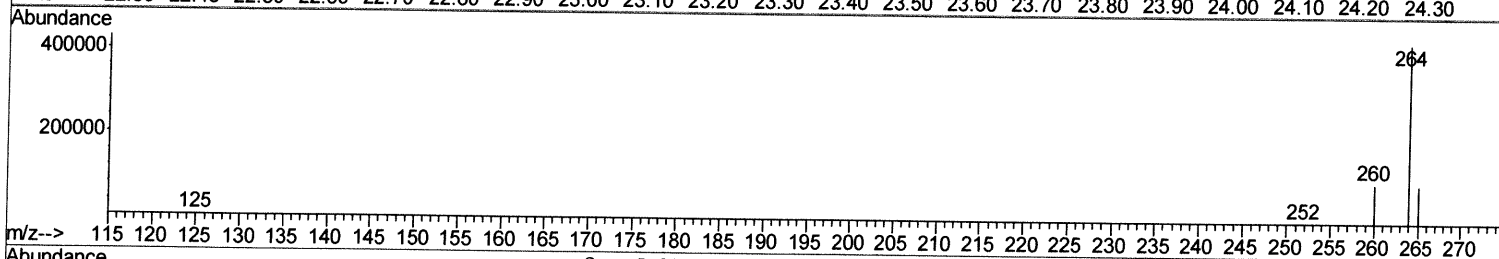
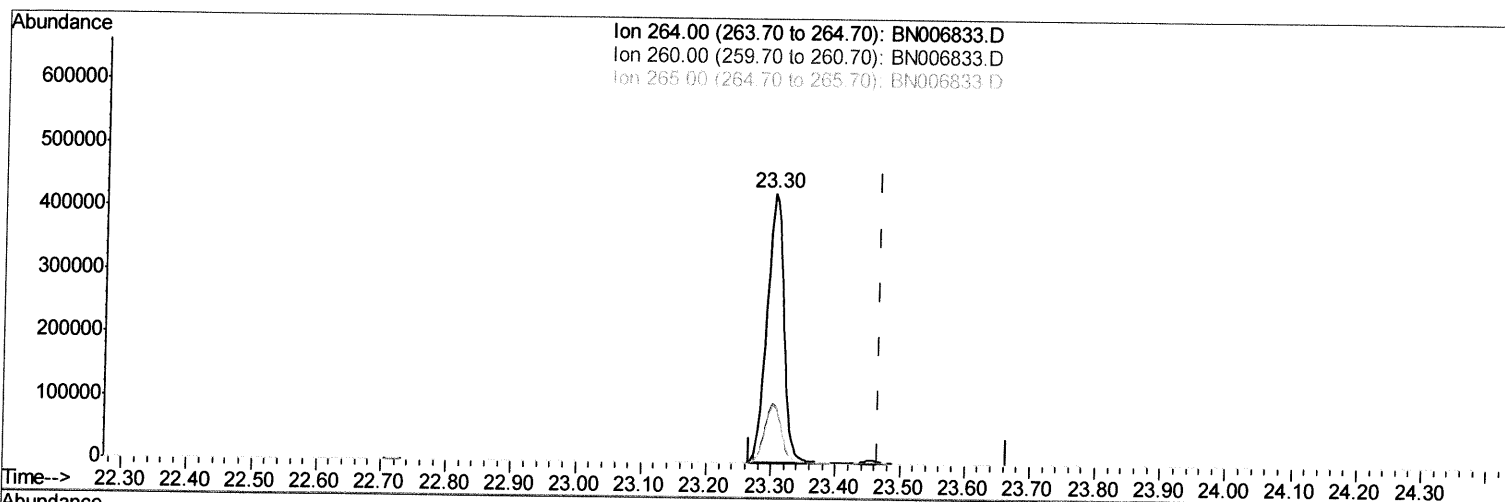
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
 Data File : BN006833.D  
 Acq On : 12 Jul 2019 14:35  
 Operator : HP/JU  
 Sample : K3717-13  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 BF498

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:40:36 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)

23.302min (-0.164) 0.40ng/ul

response 768250

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.80 | 22.19# |
| 265.00 | 36.10 | 21.47# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

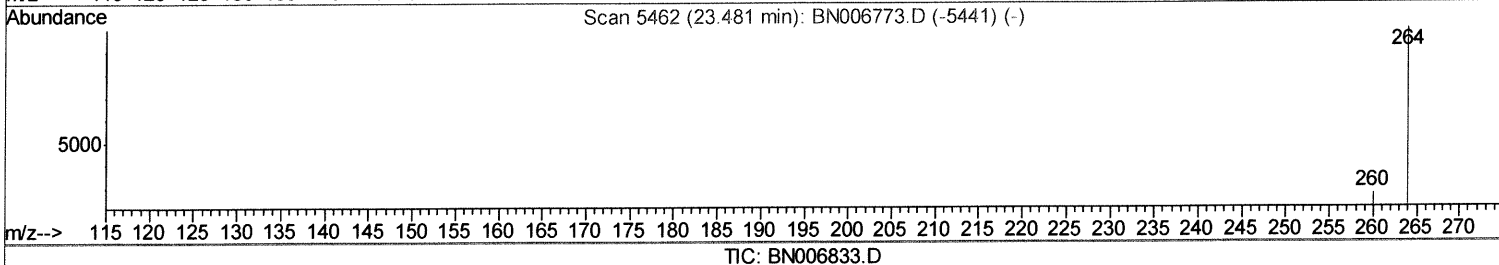
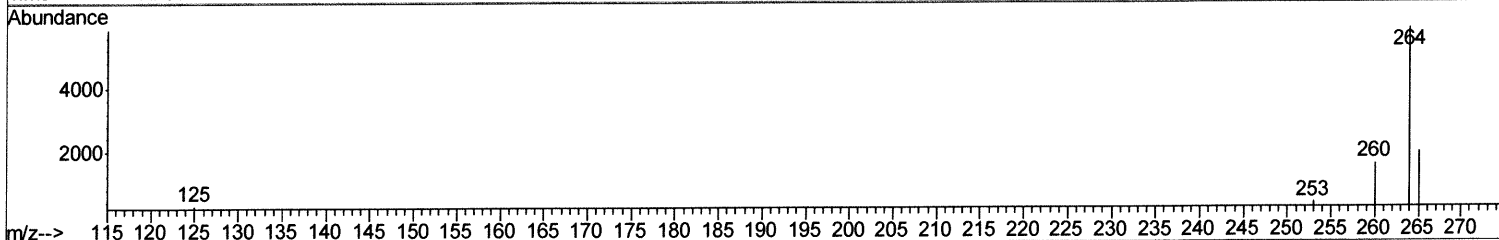
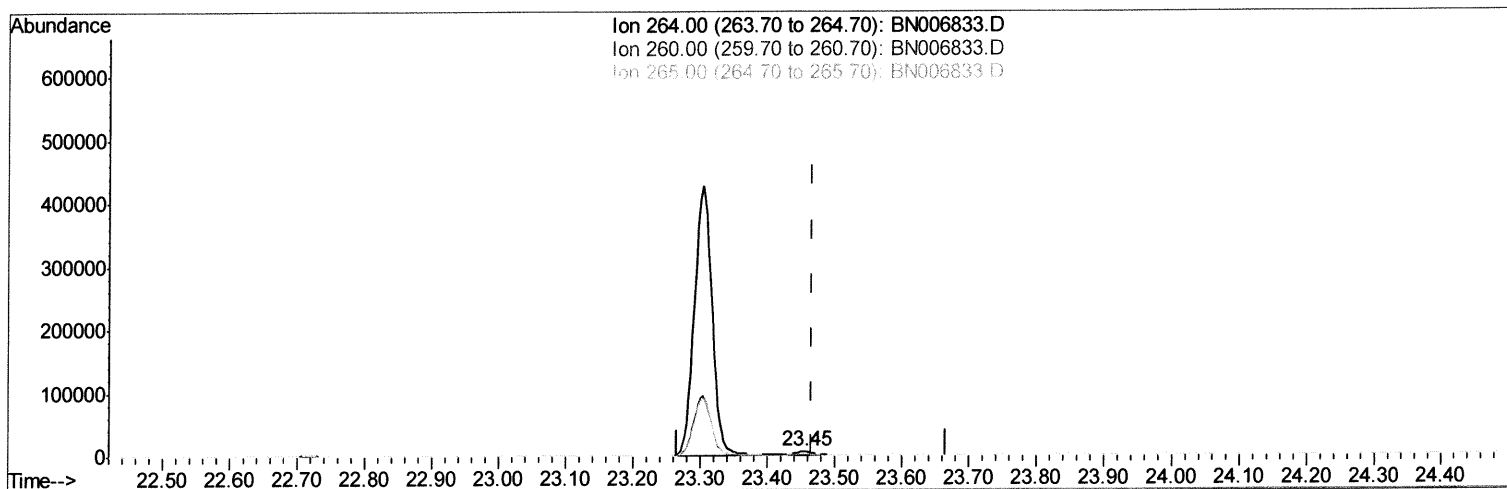
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
 Data File : BN006833.D  
 Acq On : 12 Jul 2019 14:35  
 Operator : HP/JU  
 Sample : K3717-13  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF498

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:40:36 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)

23.454min (-0.012) 0.40ng/ul m *JU* 07/16/19

response 9063

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 27.80 | 26.82 |
| 265.00 | 36.10 | 33.03 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071119\  
 Data File : BN006833.D  
 Acq On : 12 Jul 2019 14:35  
 Operator : HP/JU  
 Sample : K3717-13  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF498

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:28:42 PM

Quant Time: Jul 12 15:42:22 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

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 2815     | 0.40  | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.35 | 136  | 10291    | 0.40  | ng/ul  | -0.01     |
| 6) Acenaphthene-d10         | 14.24 | 164  | 5319     | 0.40  | ng/ul  | 0.00      |
| 10) Phenanthrene-d10        | 17.00 | 188  | 11705m>  | 0.40  | ng/ul  | 0.00      |
| 16) Chrysene-d12            | 21.23 | 240  | 9209m>   | 0.40  | ng/ul  | 0.00      |
| 20) Perylene-d12            | 23.45 | 264  | 9063m>   | 0.40  | ng/ul  | -0.01     |
| System Monitoring Compounds |       |      |          |       |        |           |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 3422     | 0.22  | ng/ul  | 0.00      |
| 14) Fluoranthene-d10        | 19.05 | 212  | 9538m>   | 0.28  | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 12) Phenanthrene            | 17.13 | 178  | 1045     | 0.028 | ng/ul# | Qvalue 70 |

Jul 07/16/19

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