

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (QT Reviewed)

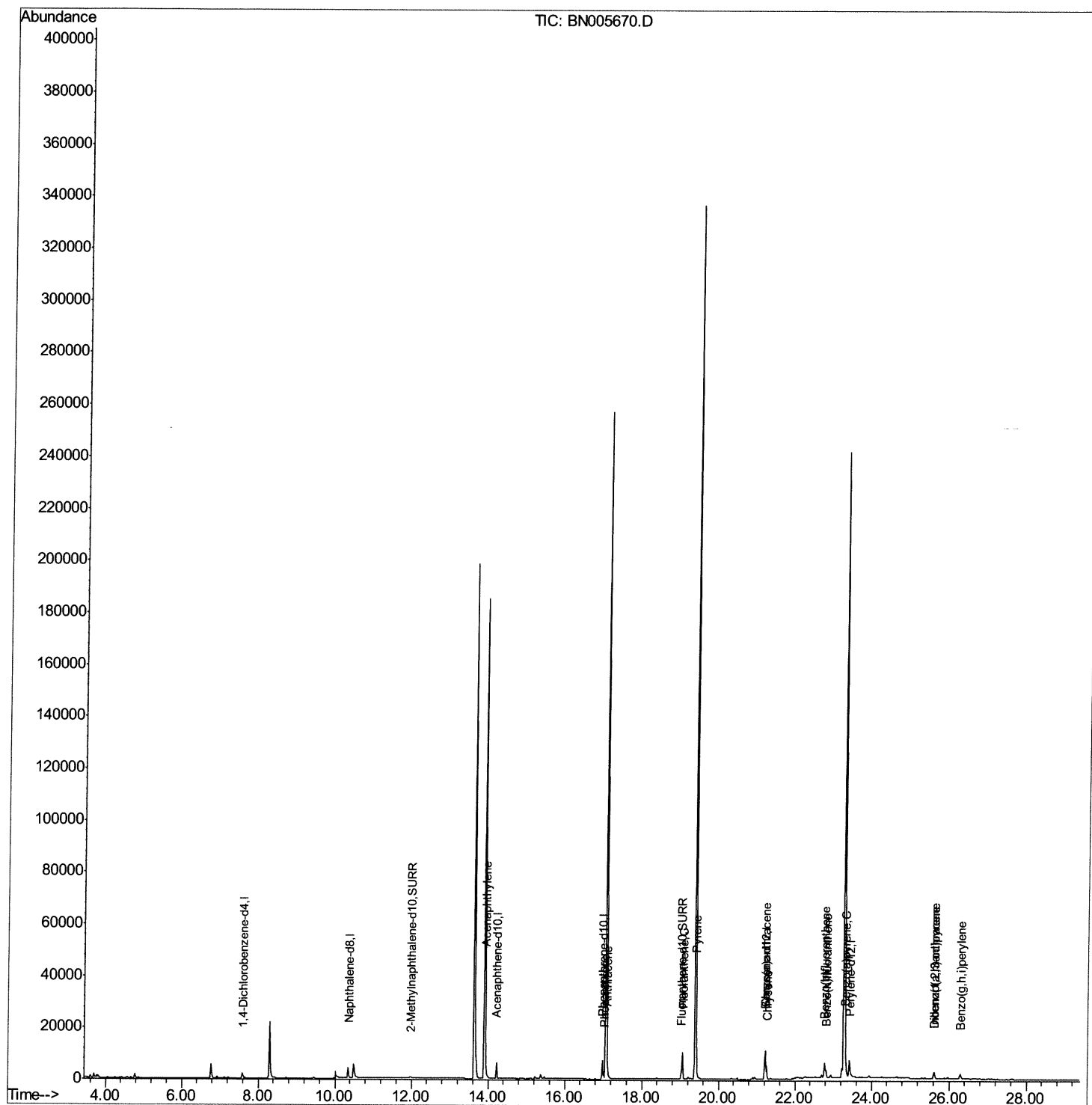
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:24:49 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

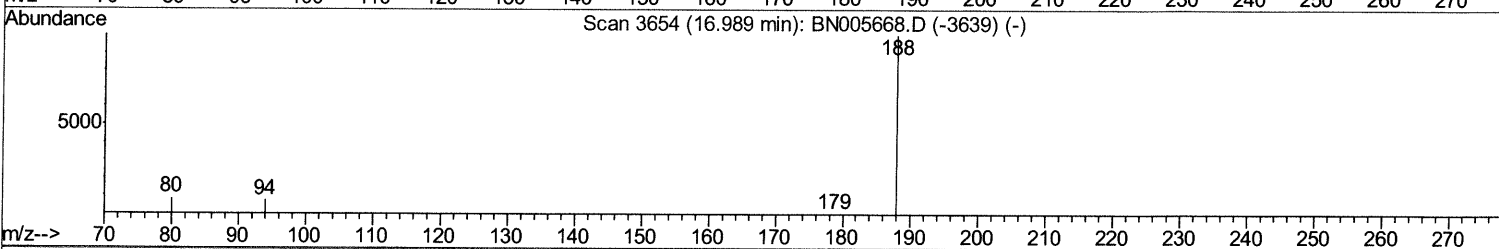
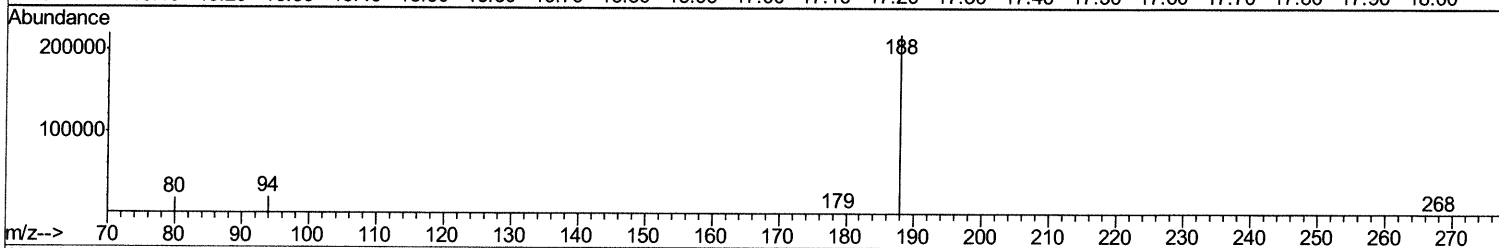
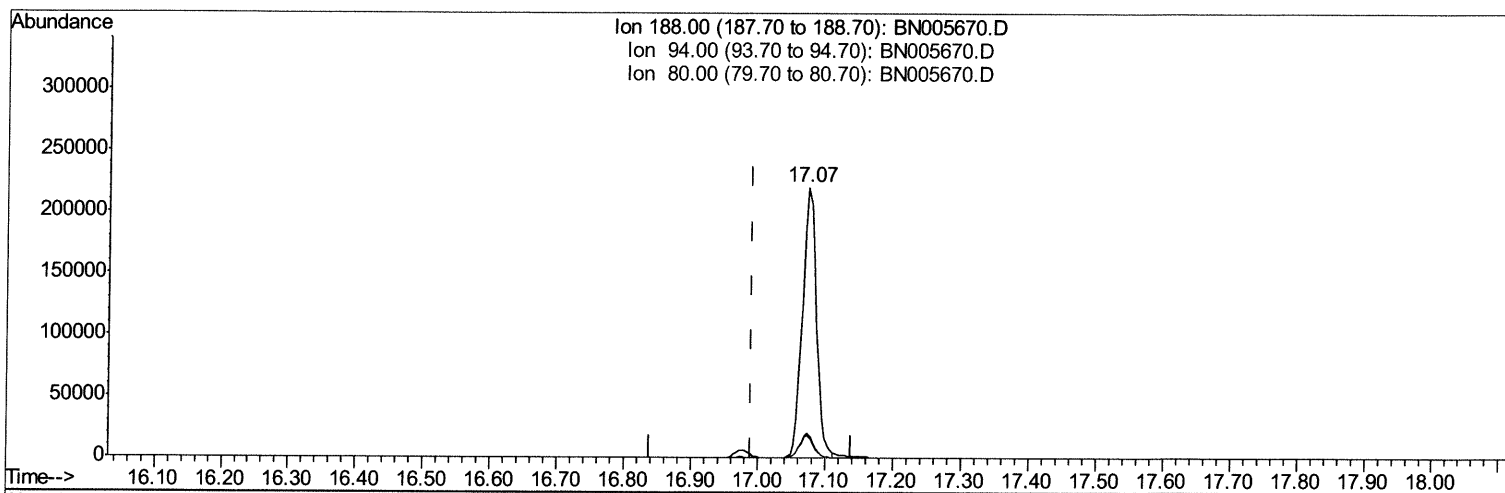
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:18:11 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(10) Phenanthrene-d10 (I)

17.073min (+0.084) 0.40ng/ul

response 316138

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 9.40 | 8.91 |
| 80.00  | 9.80 | 8.07 |
| 0.00   | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

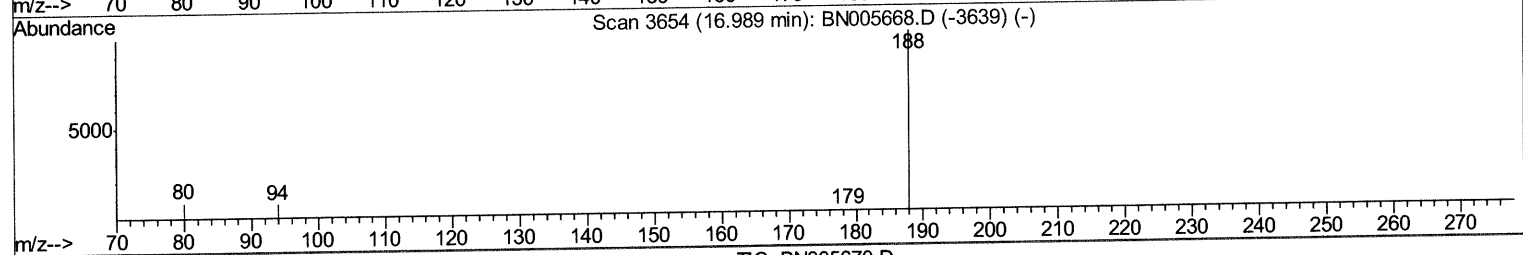
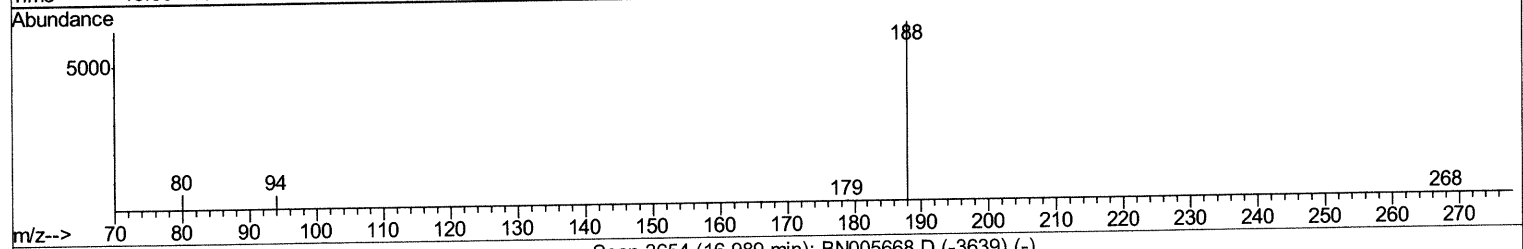
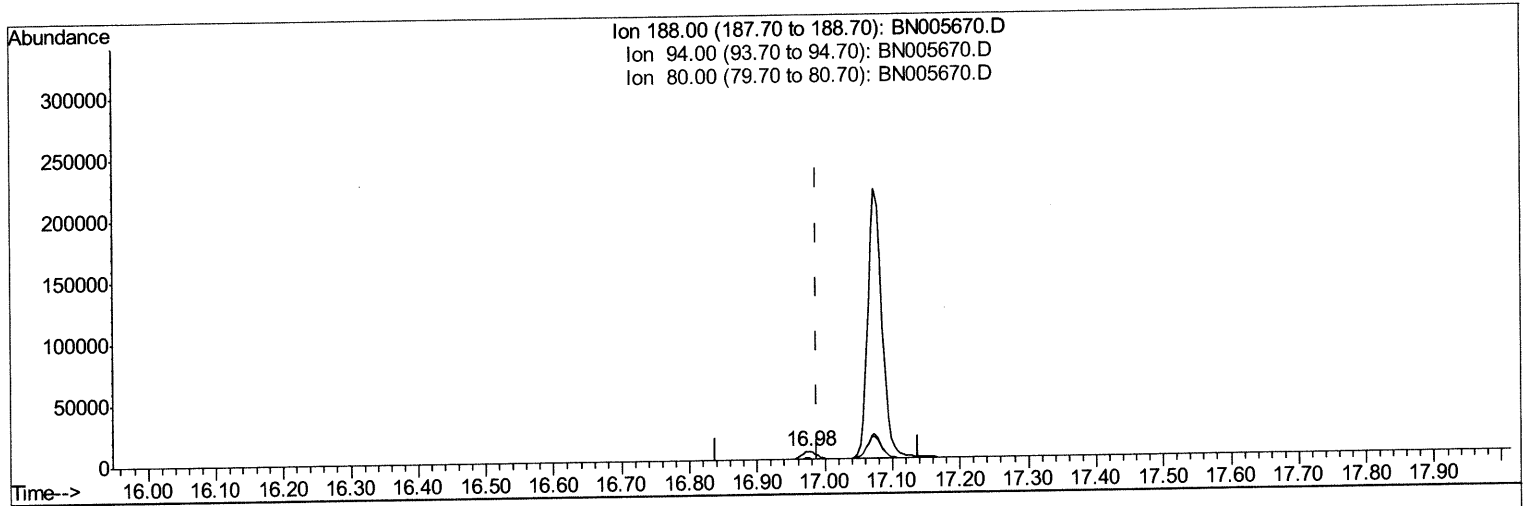
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:18:11 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m <sup>JU</sup> 05/24/19

response 9283

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 9.40 | 8.47 |
| 80.00  | 9.80 | 9.43 |
| 0.00   | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

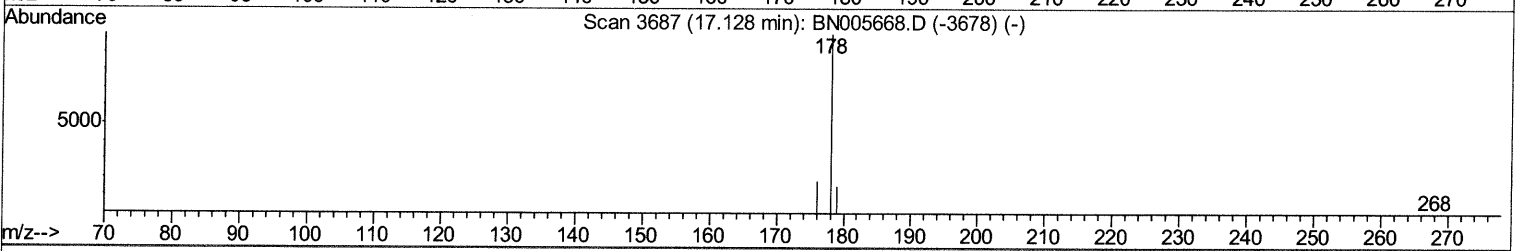
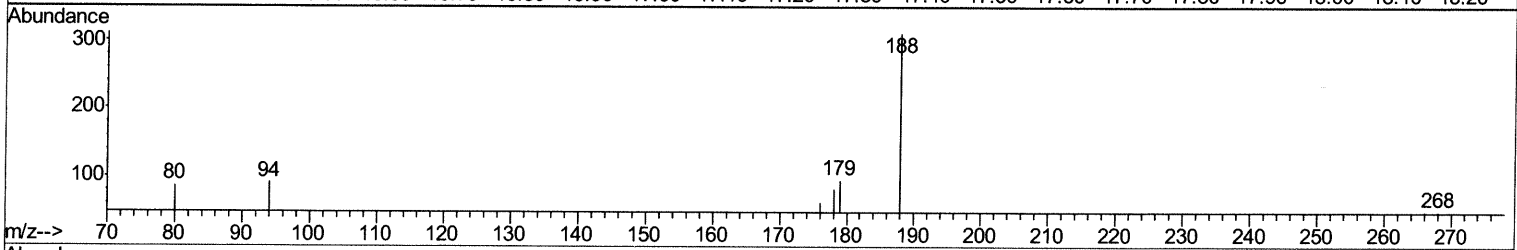
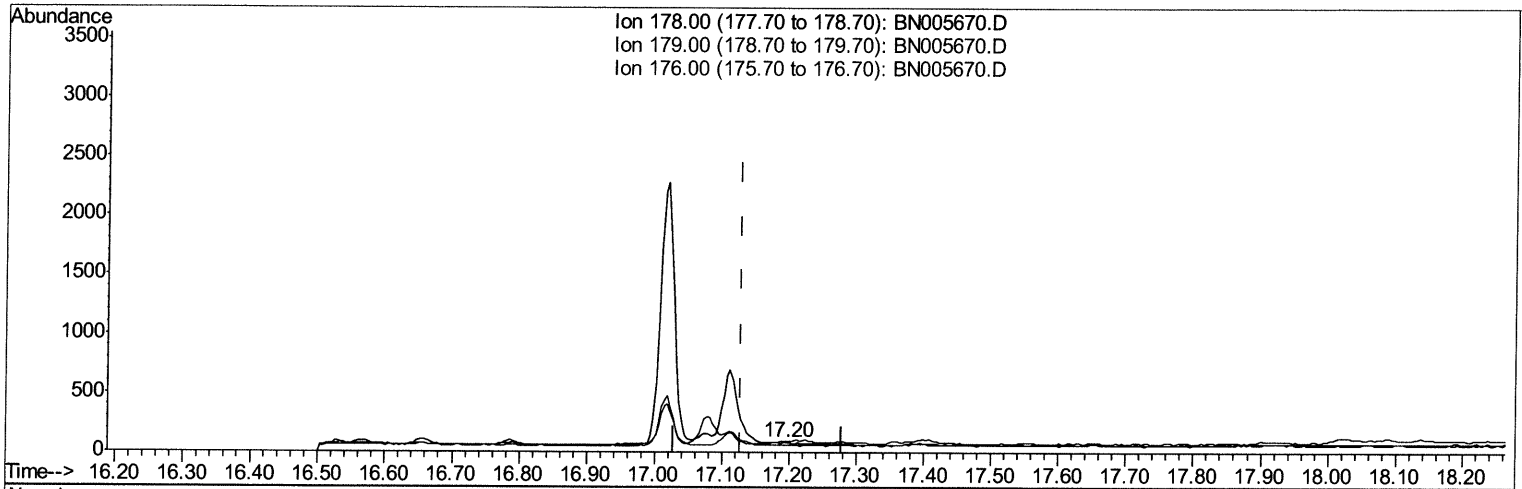
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:21:21 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(13) Anthracene

17.196min (+0.067) 0.00ng/ul

response 36

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 16.80 | 114.46# |
| 176.00 | 18.90 | 75.90#  |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

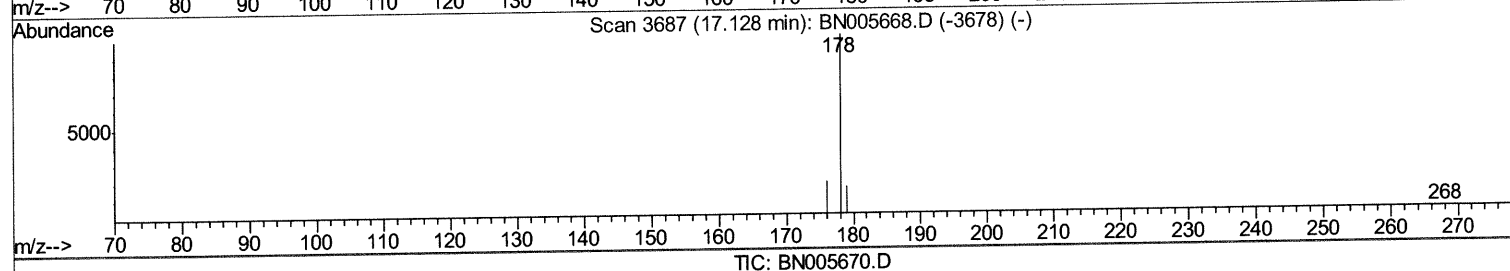
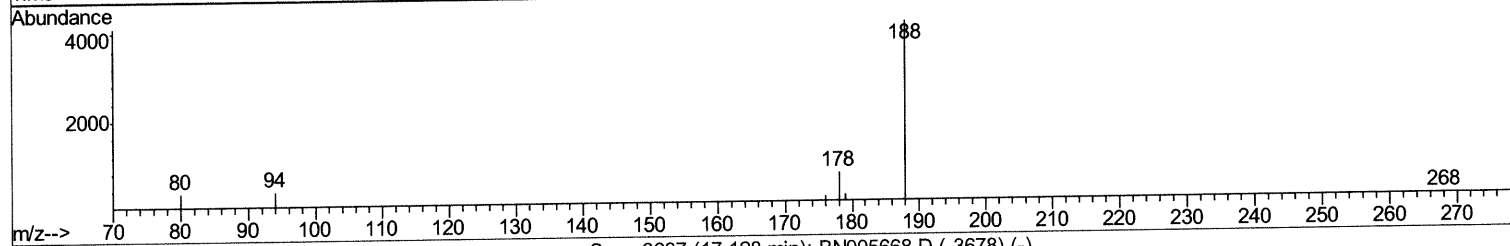
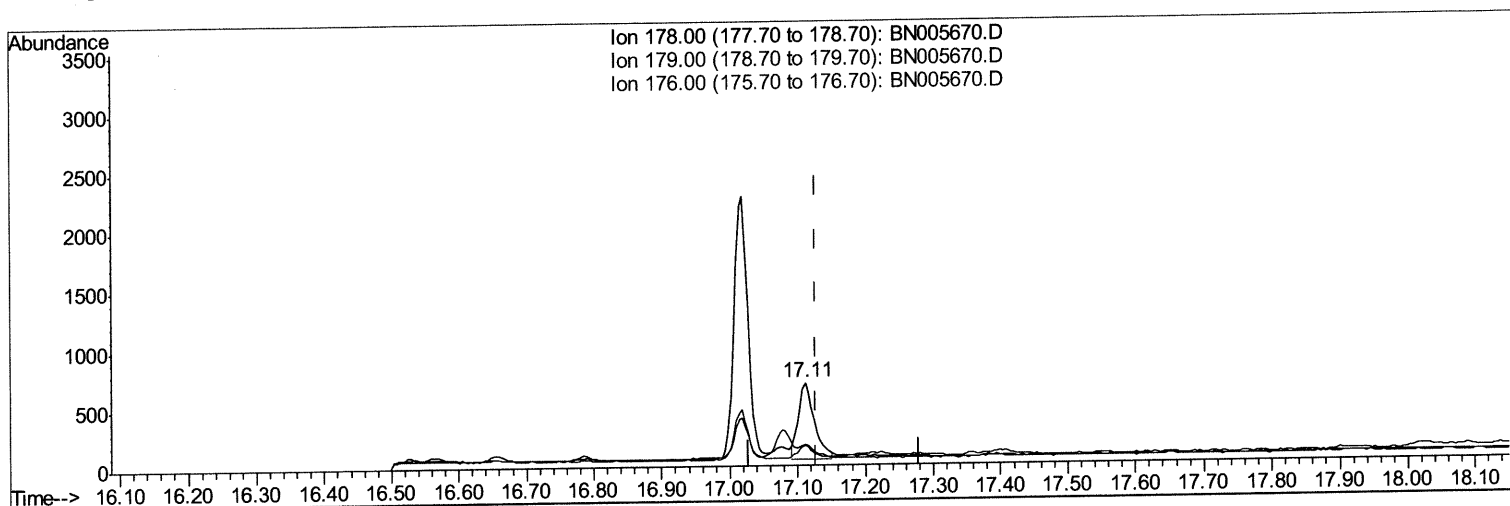
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:21:21 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(13) Anthracene

17.111min (-0.017) 0.04ng/ul m <sup>50</sup> 05/24/19

response 1054

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 16.80 | 25.21# |
| 176.00 | 18.90 | 24.50# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

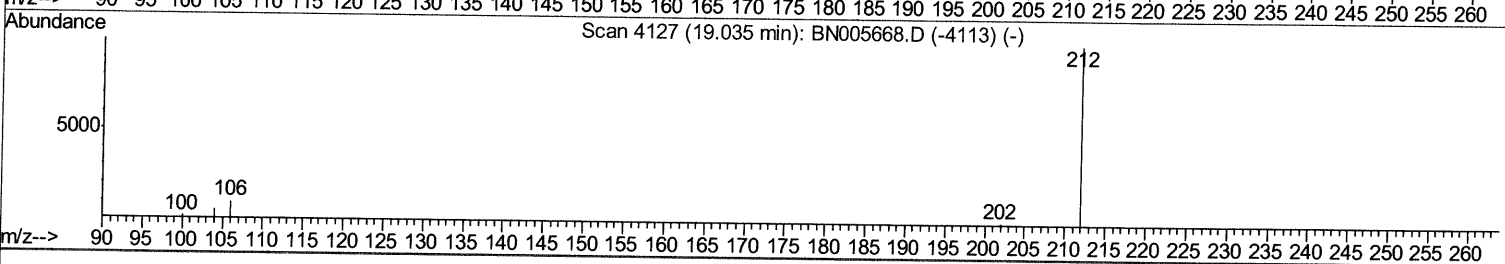
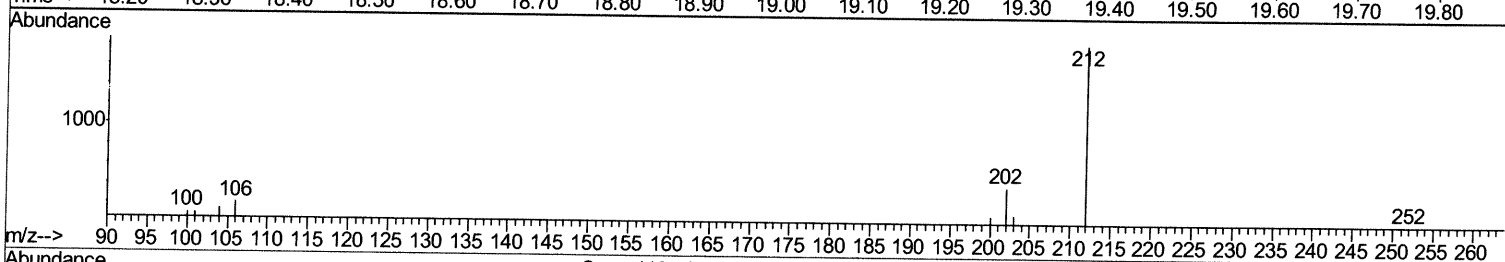
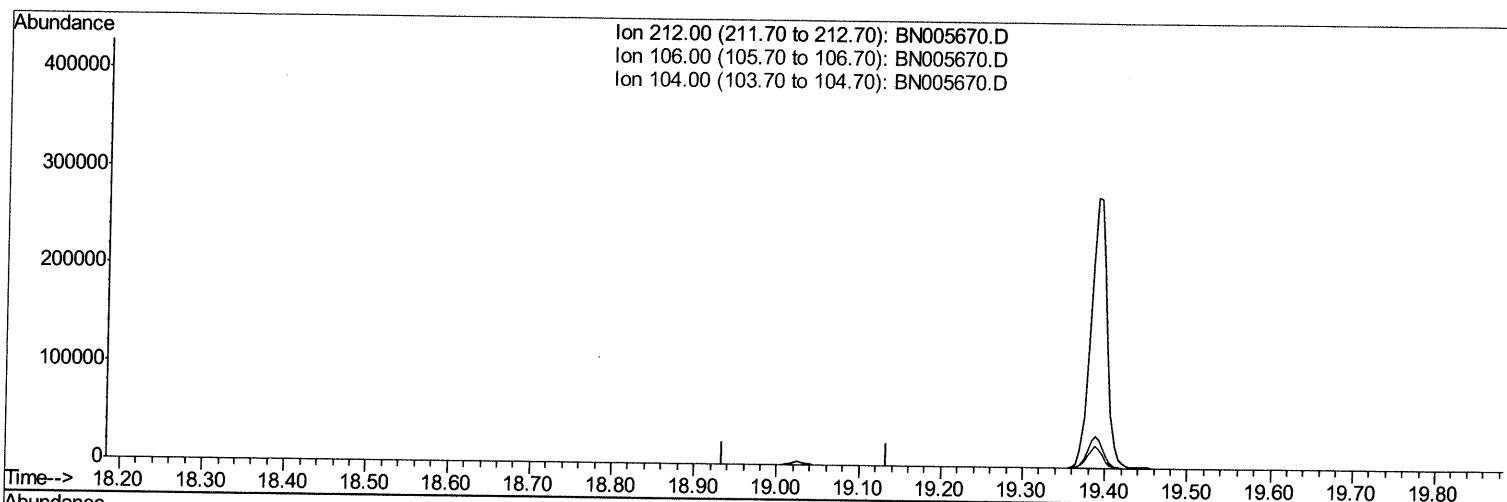
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:21:21 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(14) Fluoranthene-d10 (SURR)

19.035min (-19.035) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 10.80 | 0.00# |
| 104.00 | 6.20  | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

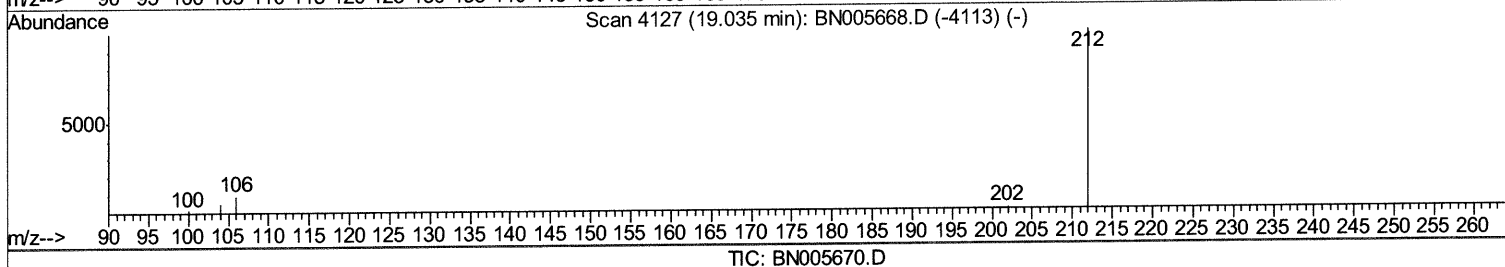
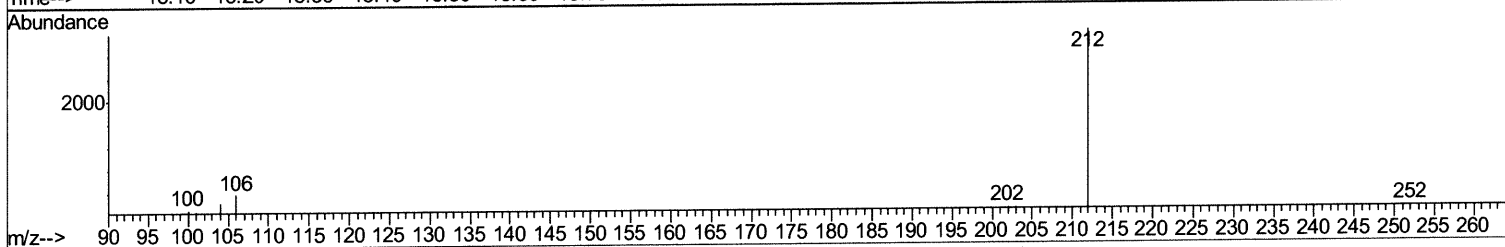
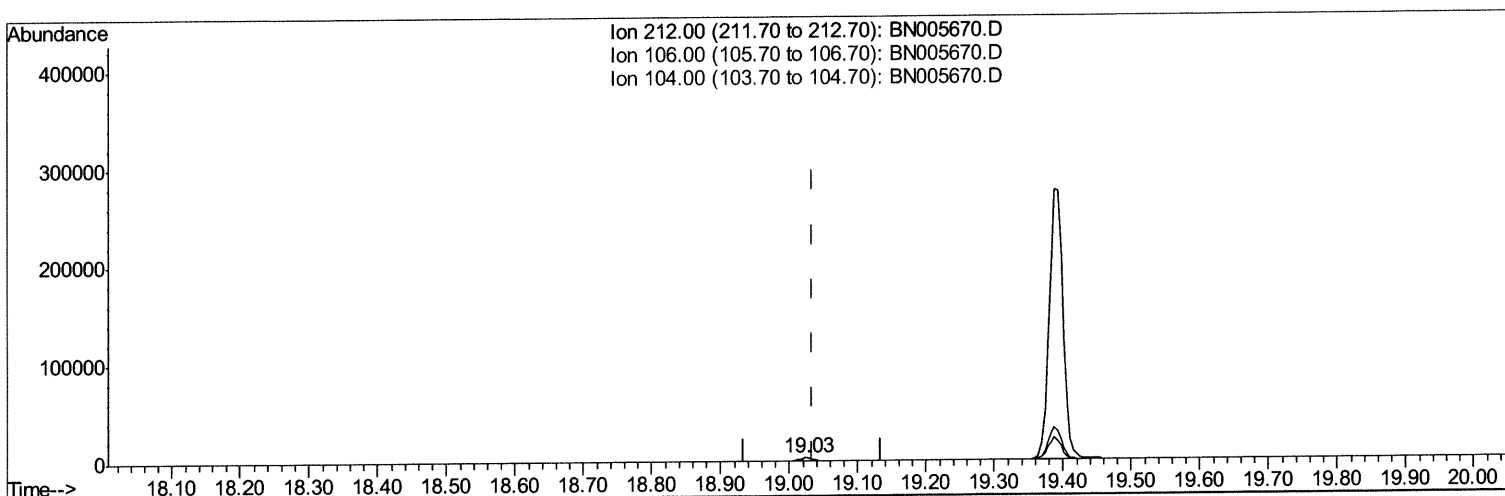
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:21:21 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.025min (-0.009) 0.15ng/ul m

50/24/19

response 4268

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 10.80 | 0.00# |
| 104.00 | 6.20  | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

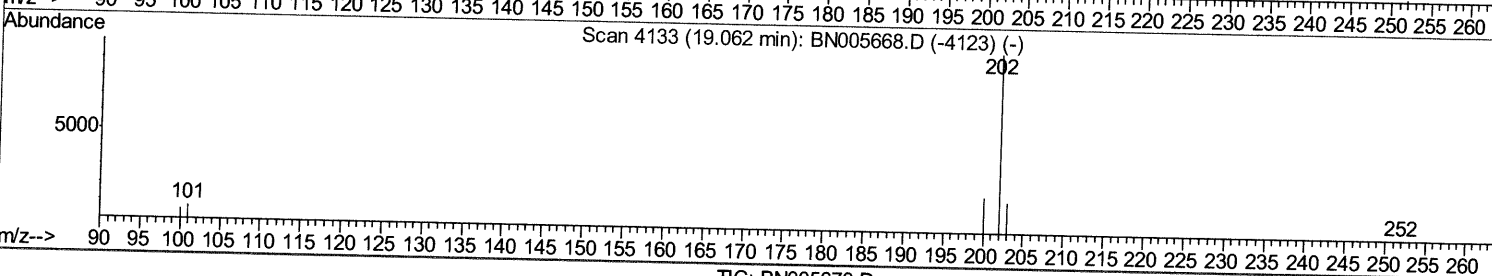
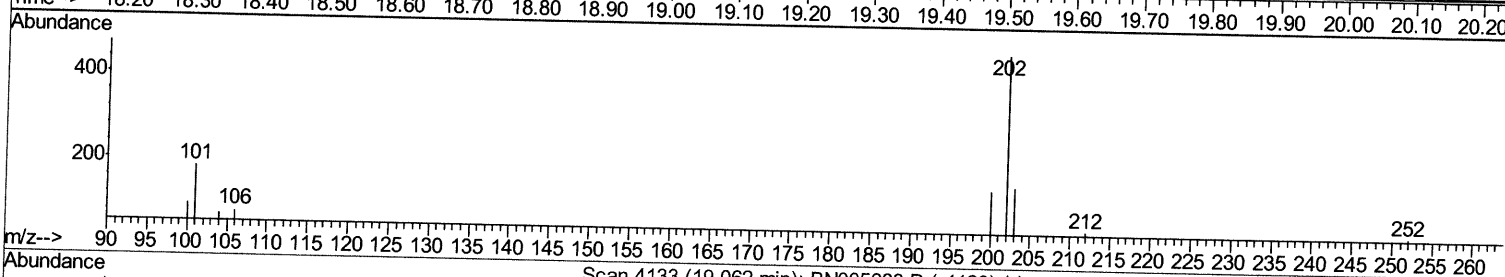
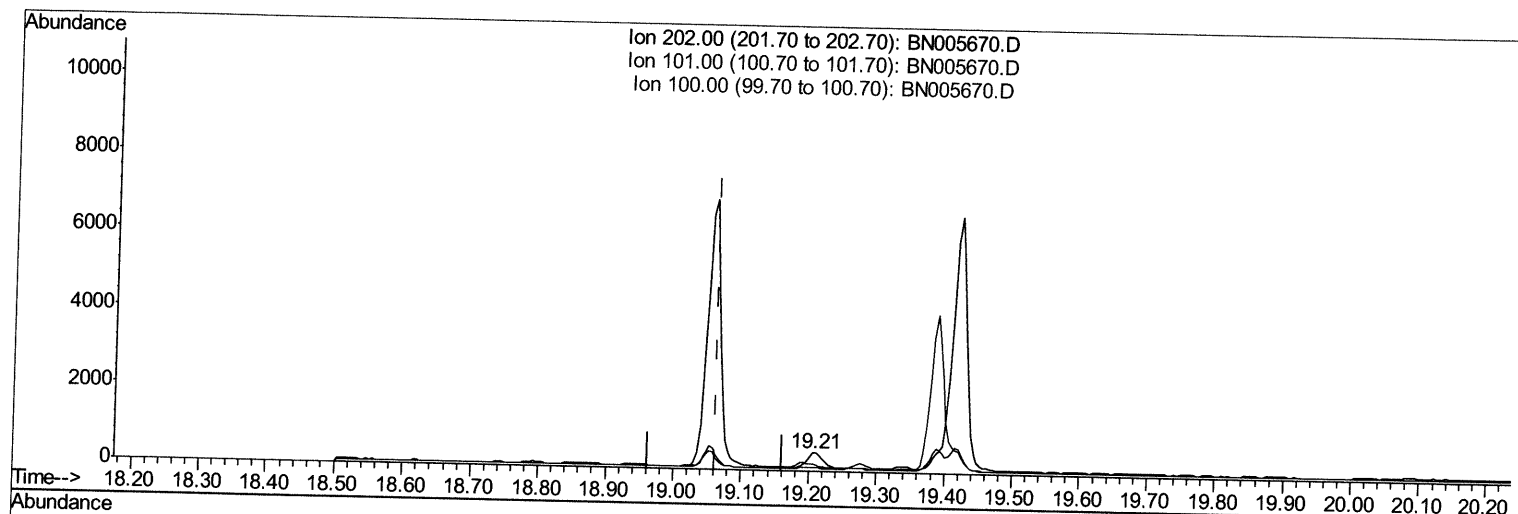
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:21:21 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



(15) Fluoranthene (C)

19.206min (+0.144) 0.02ng/ul

response 558

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 202.00 | 100  | 100    |
| 101.00 | 9.40 | 38.48# |
| 100.00 | 7.10 | 19.66  |
| 0.00   | 0.00 | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

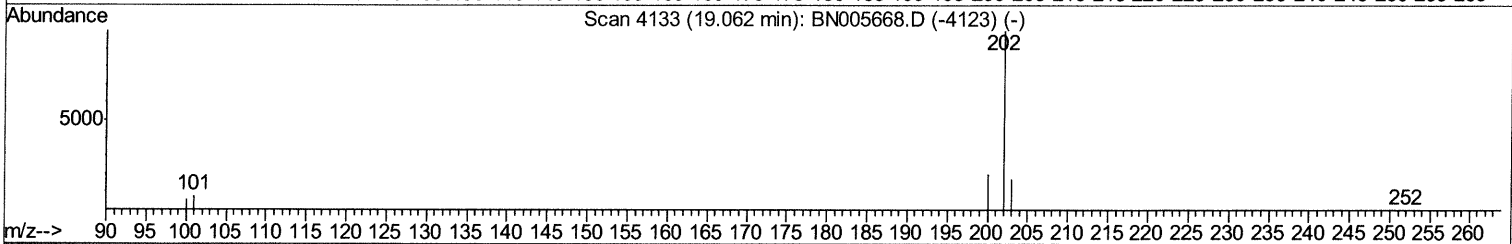
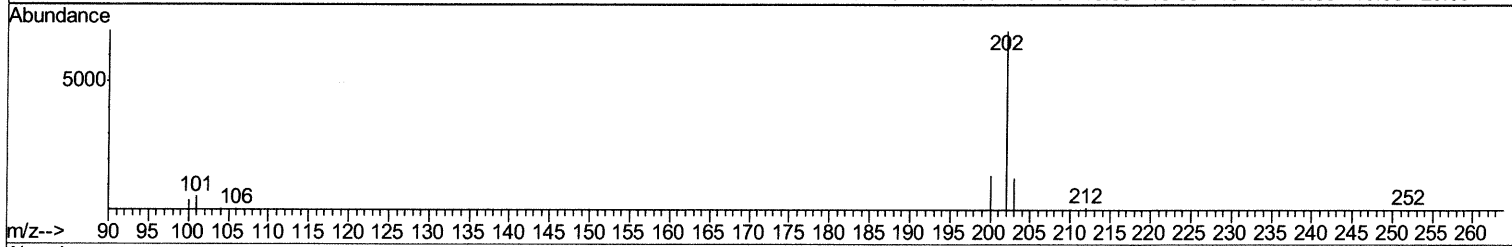
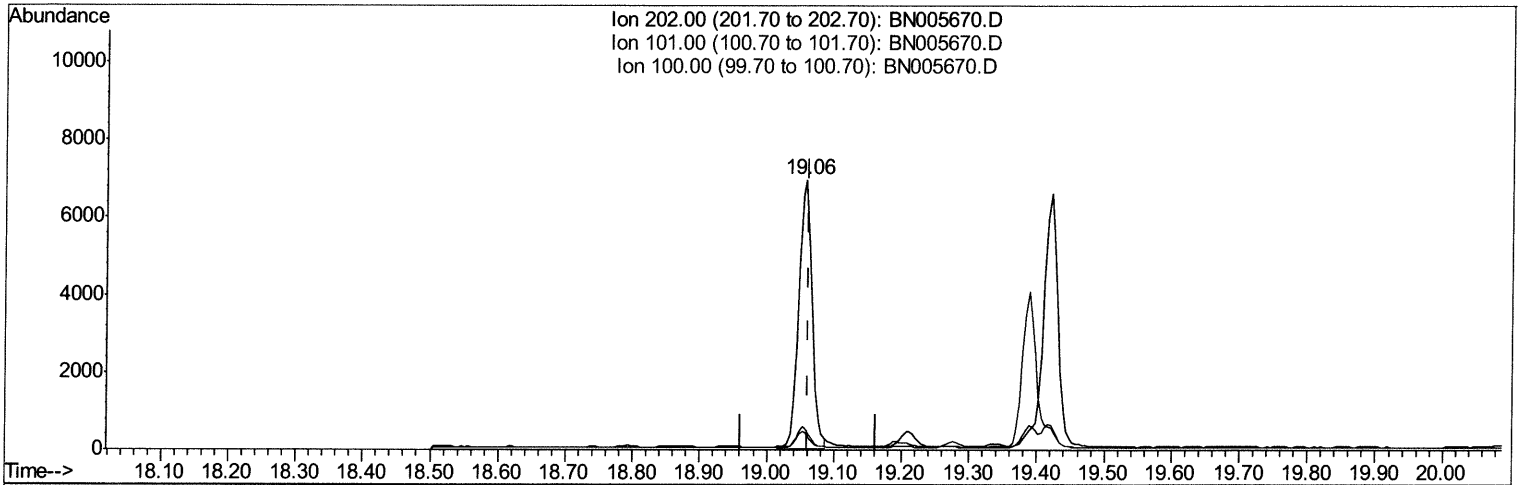
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:21:21 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(15) Fluoranthene (C)

19.058min (-0.005) 0.27ng/ul m <sup>JU</sup>05/24/19

response 9392

| Ion    | Exp% | Act% |
|--------|------|------|
| 202.00 | 100  | 100  |
| 101.00 | 9.40 | 7.92 |
| 100.00 | 7.10 | 6.20 |
| 0.00   | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

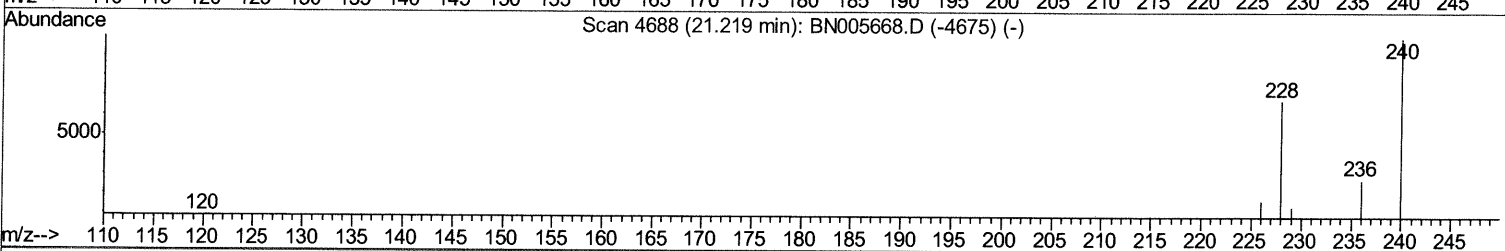
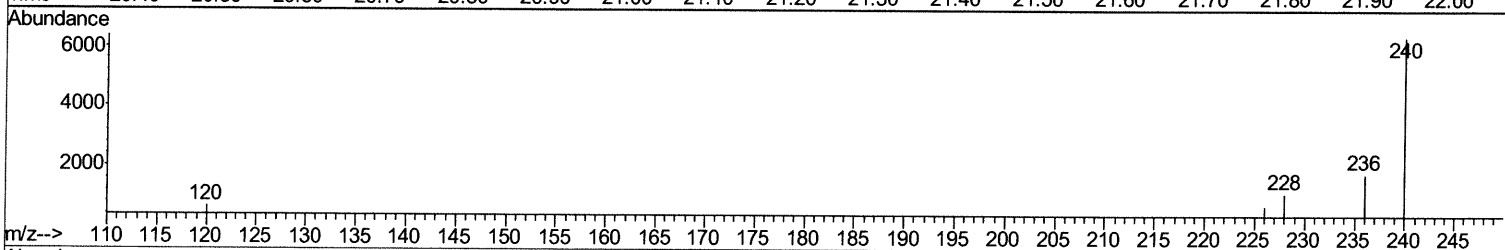
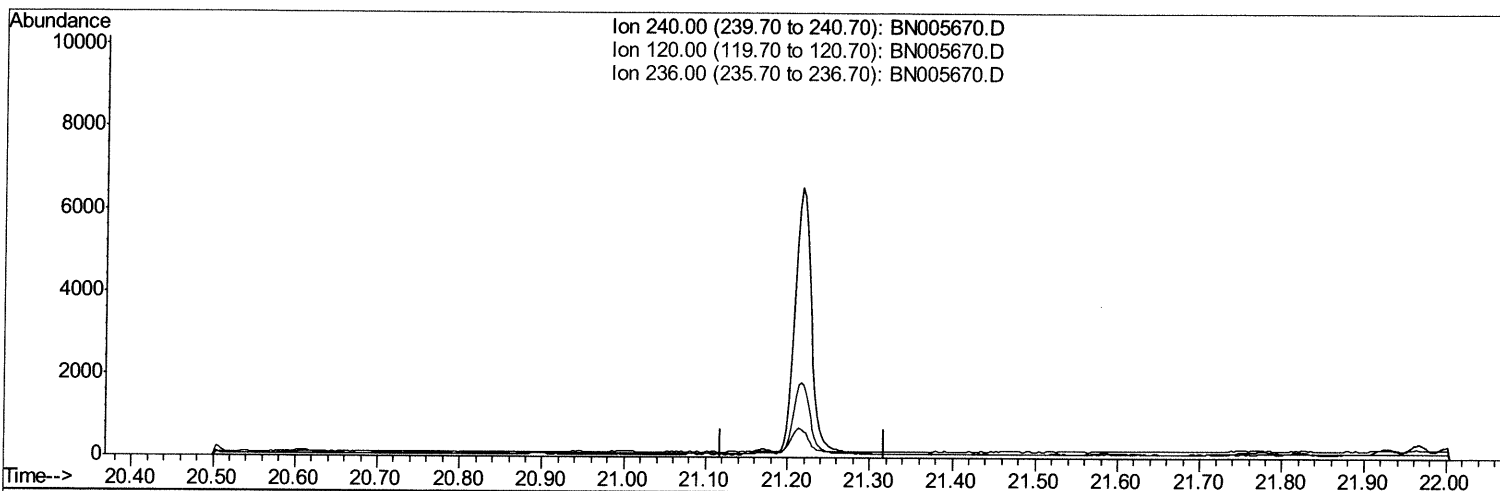
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:22:13 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(16) Chrysene-d12 (I)

21.219min (-21.219) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 0.00  |
| 120.00 | 11.90 | 0.00# |
| 236.00 | 28.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

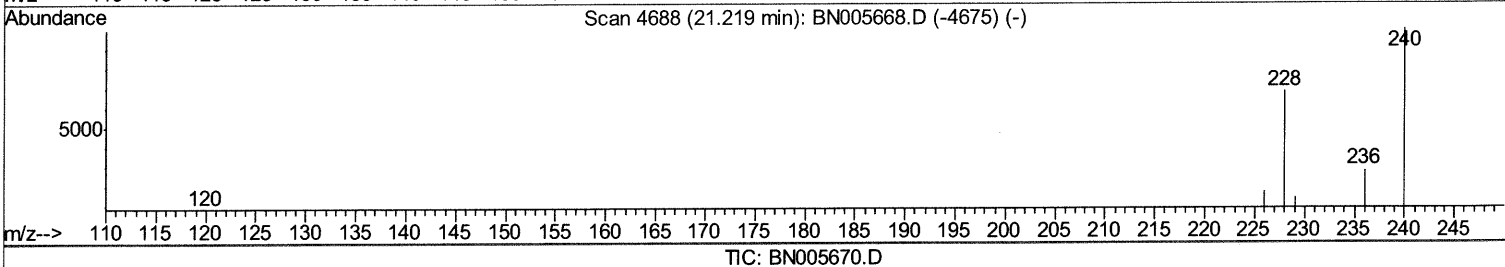
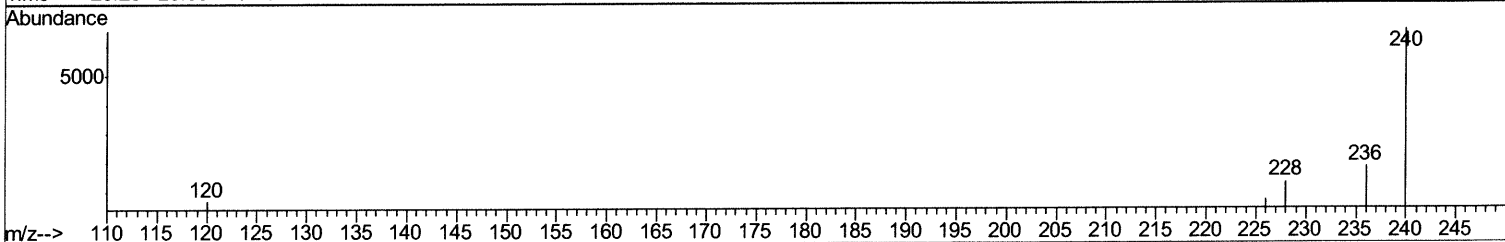
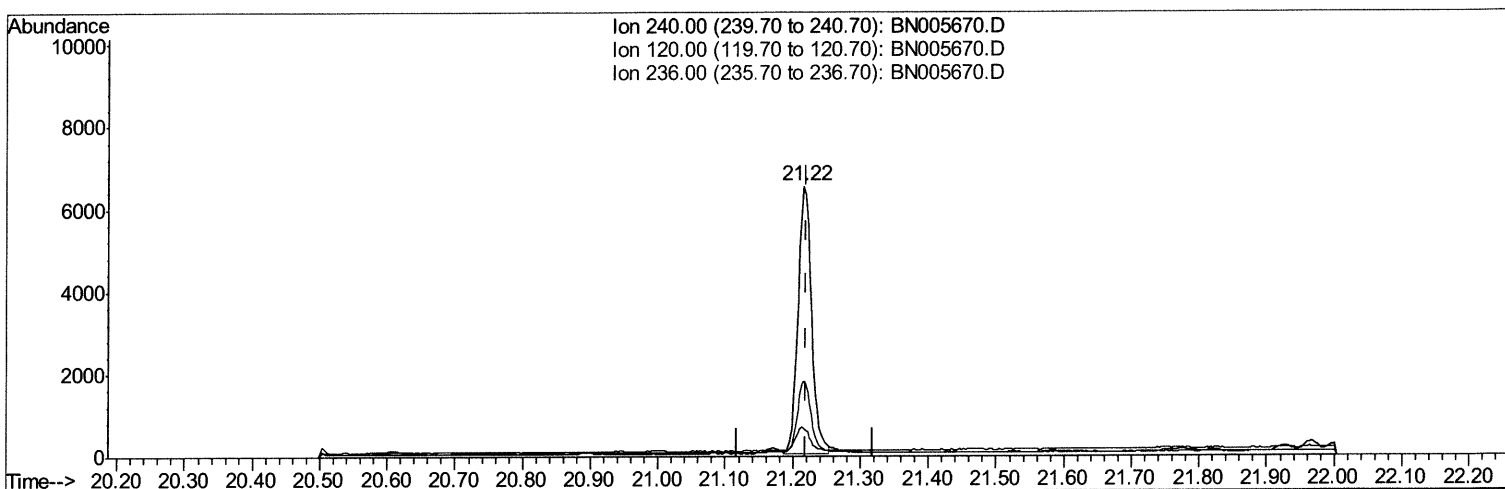
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:22:13 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.216min (-0.003) 0.40ng/ul m <sup>Jo</sup> 05/24/19

response 9098

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 11.90 | 10.41 |
| 236.00 | 28.00 | 27.96 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

Data File : BN005670.D

Acq On : 14 May 2019 02:01

Operator : JU/SJ

Sample : K2692-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Instrument :

BNA\_N

ClientSampleId :

A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

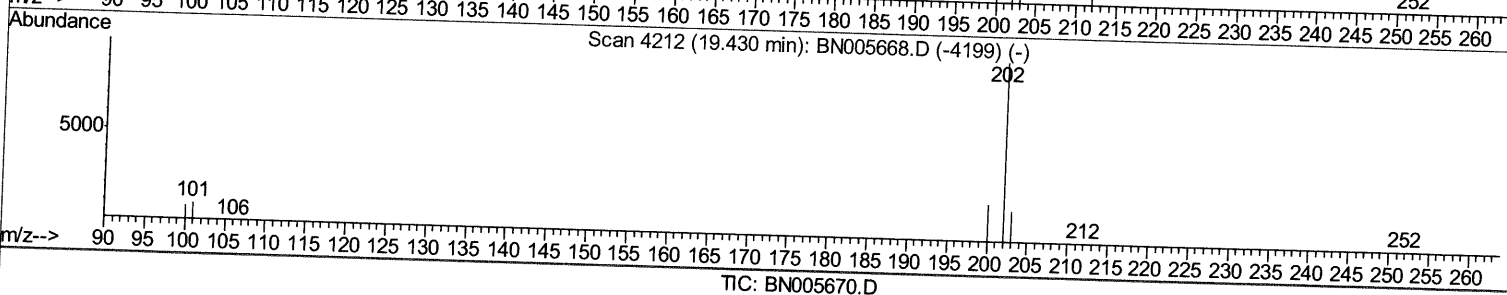
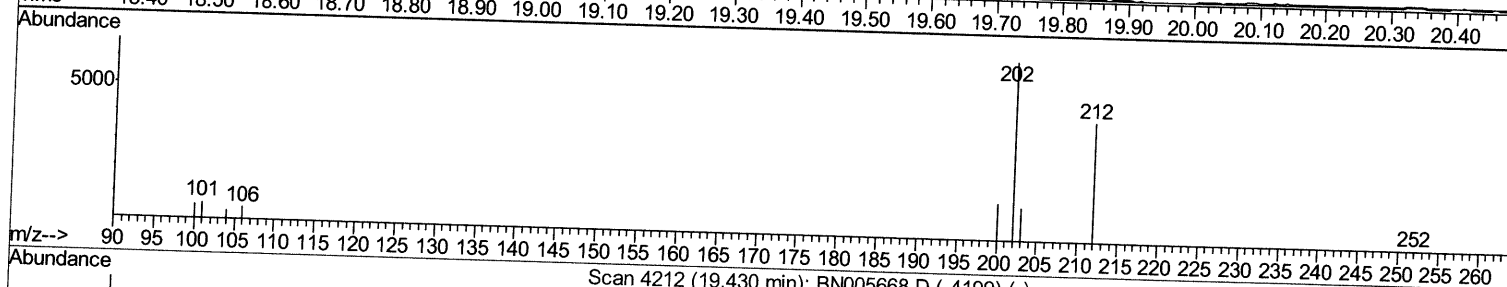
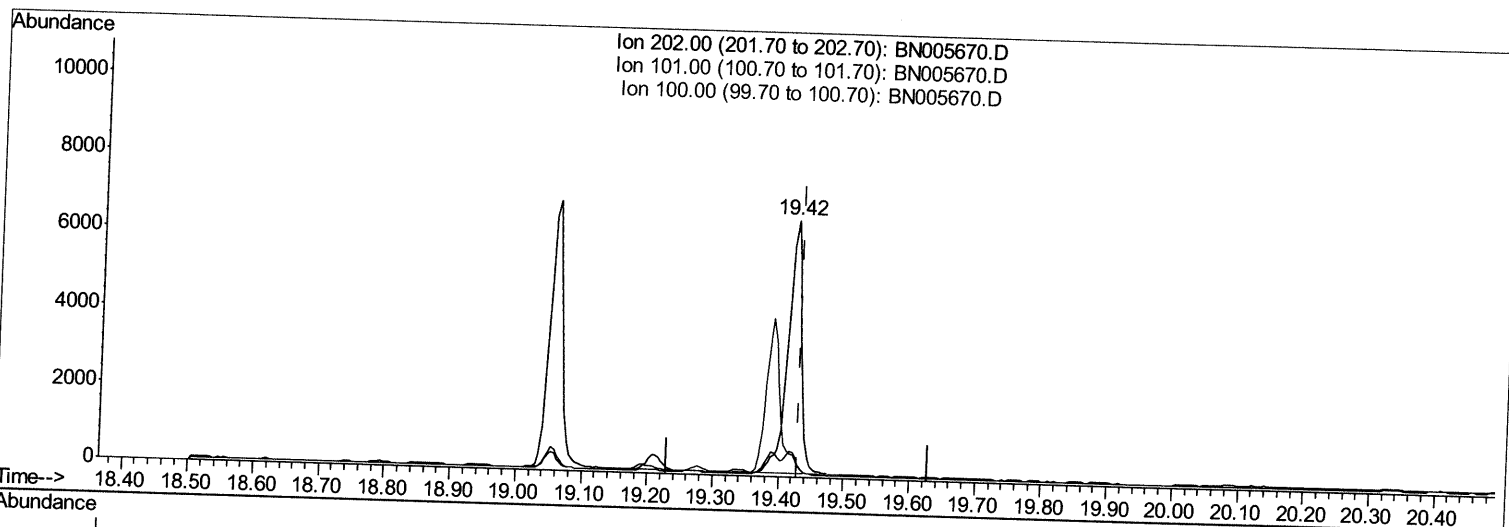
Quant Time: May 14 07:22:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 14 07:15:06 2019

Response via : Initial Calibration



(17) Pyrene

19.420min (-0.009) 0.29ng/ul

response 9767

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 202.00 | 100   | 100  |
| 101.00 | 10.60 | 9.80 |
| 100.00 | 8.60  | 8.84 |
| 0.00   | 0.00  | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

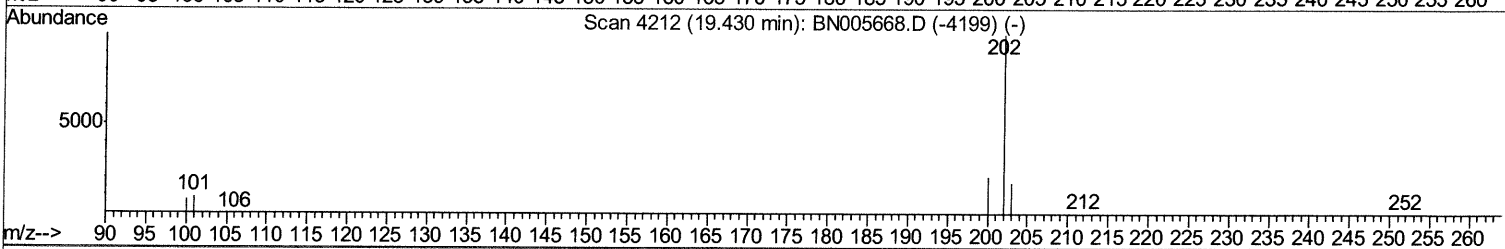
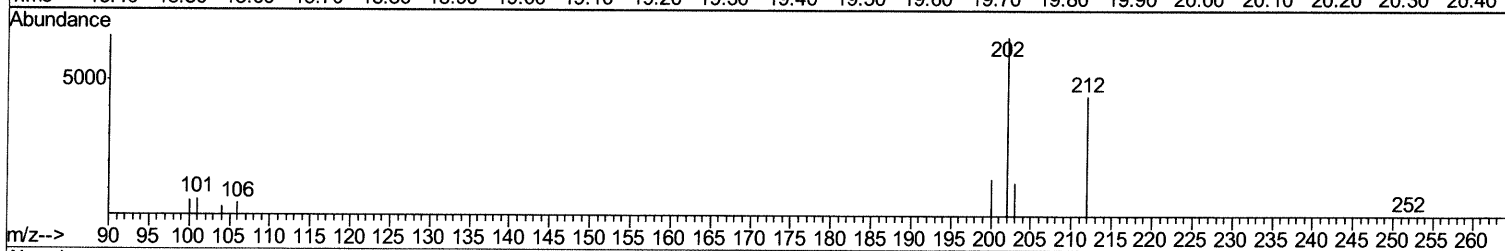
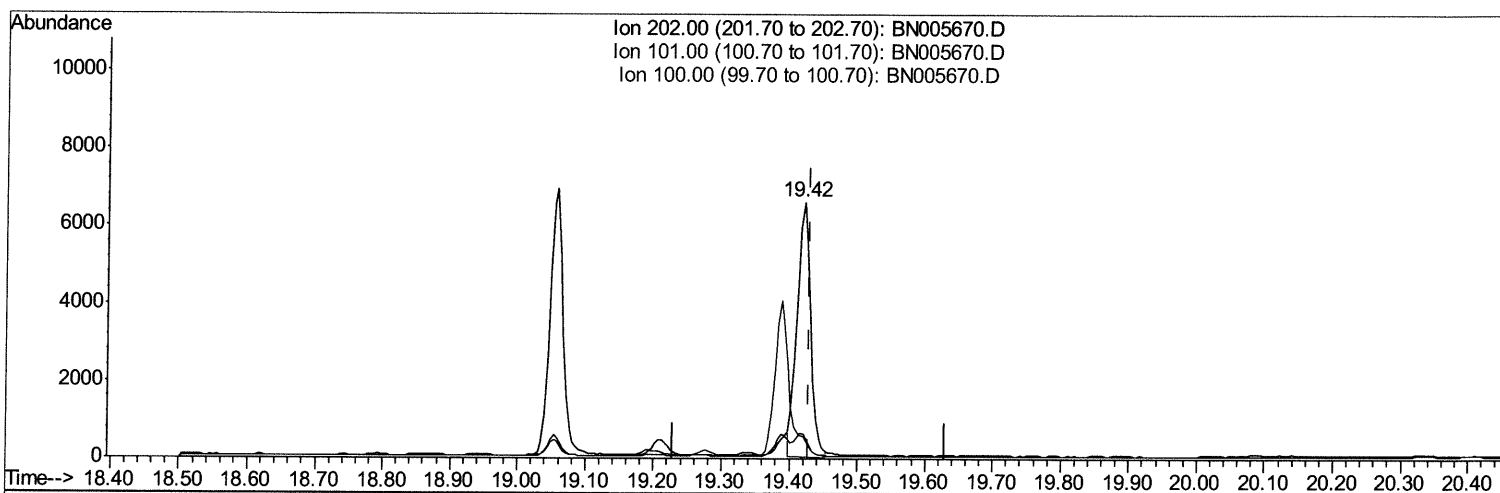
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:22:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(17) Pyrene

19.420min (-0.009) 0.28ng/ul m <sup>Jv</sup> 05/24/19

response 9286

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 202.00 | 100   | 100  |
| 101.00 | 10.60 | 9.80 |
| 100.00 | 8.60  | 8.84 |
| 0.00   | 0.00  | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

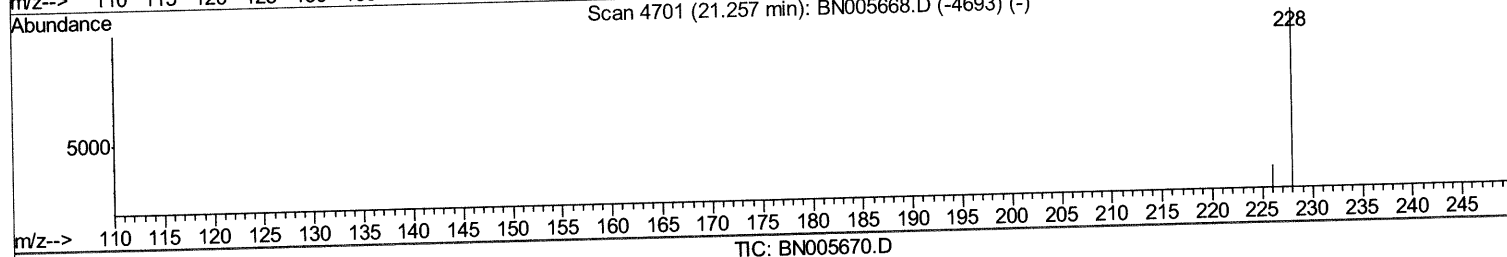
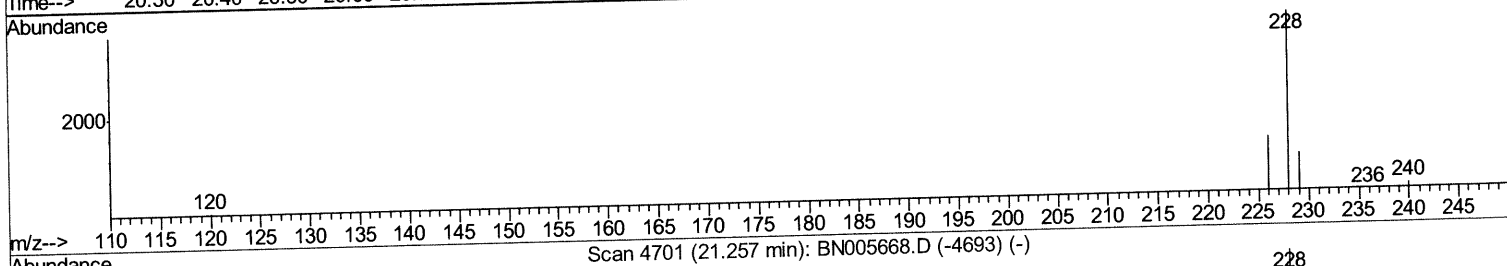
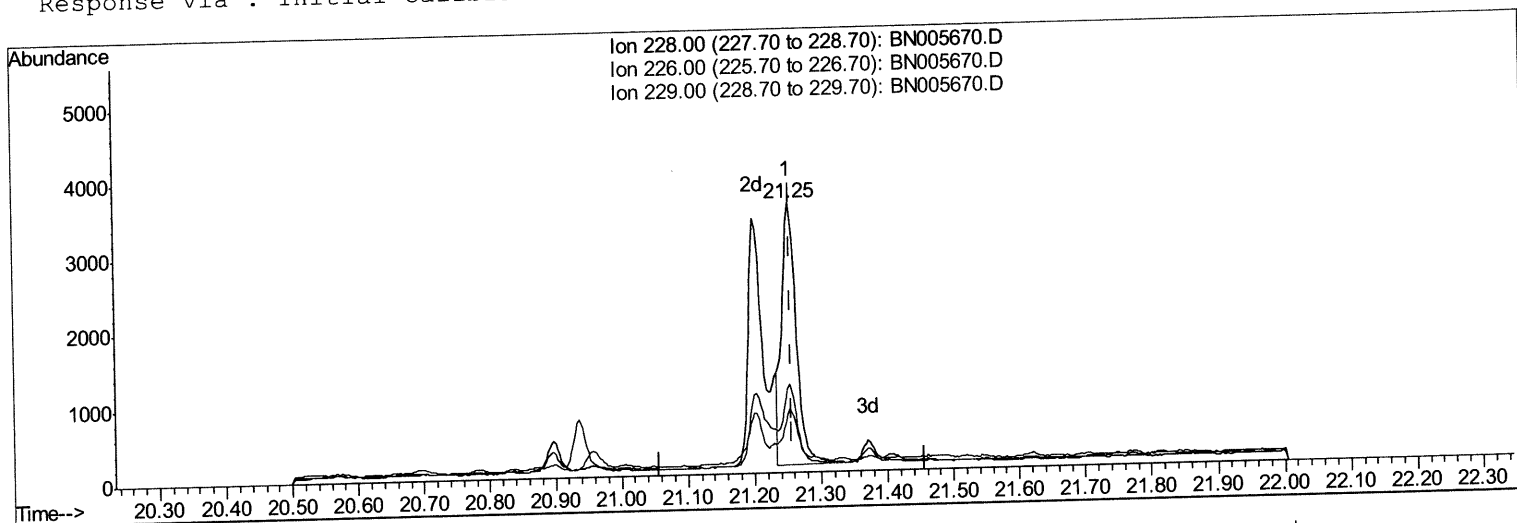
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:22:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



(19) Chrysene

21.254min (-0.003) 0.14ng/ul

response 5372

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.00 | 32.81 |
| 229.00 | 20.00 | 23.51 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

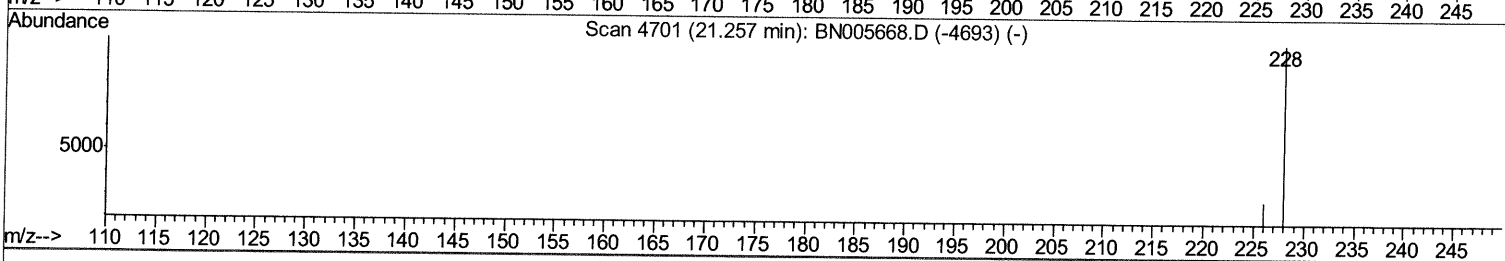
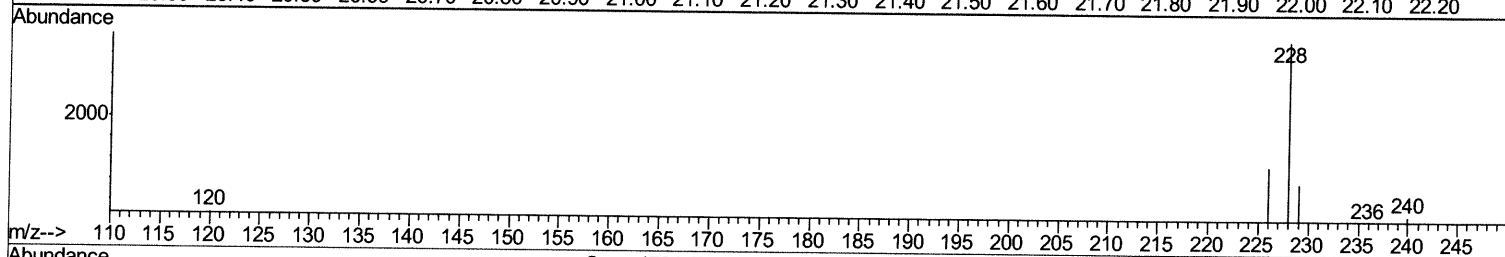
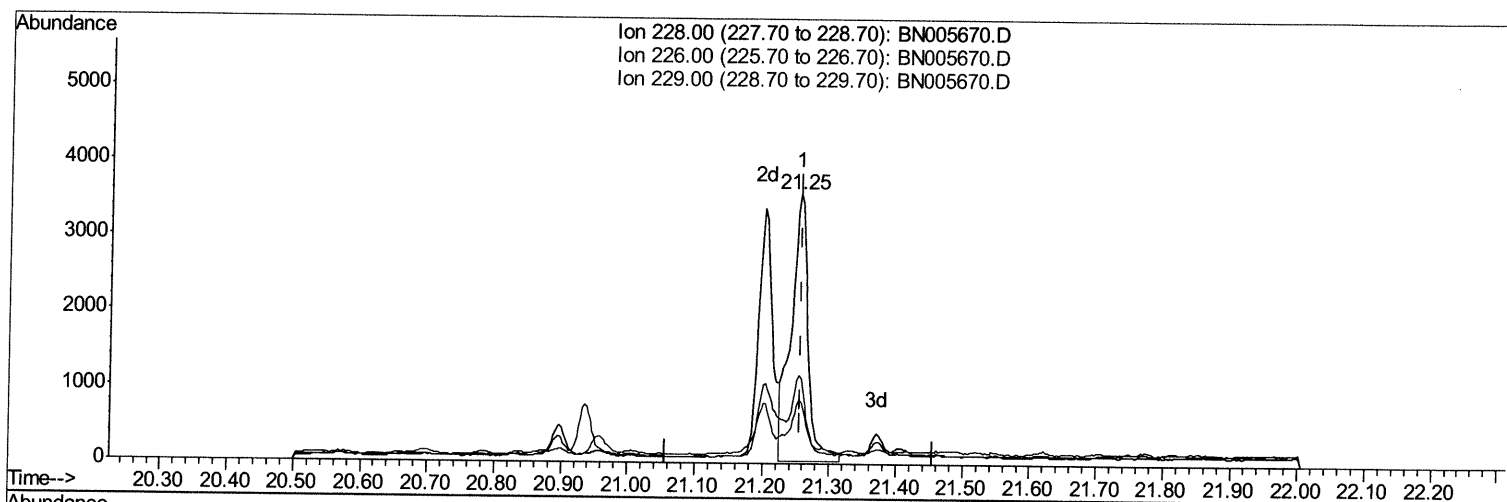
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:22:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(19) Chrysene

21.254min (-0.003) 0.17ng/ul m <sup>JU</sup> 05/24/19

response 6371

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.00 | 32.81 |
| 229.00 | 20.00 | 23.51 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

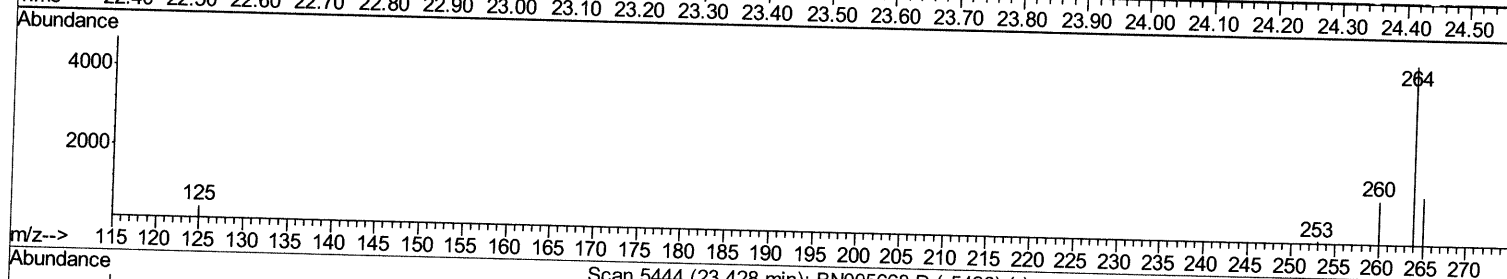
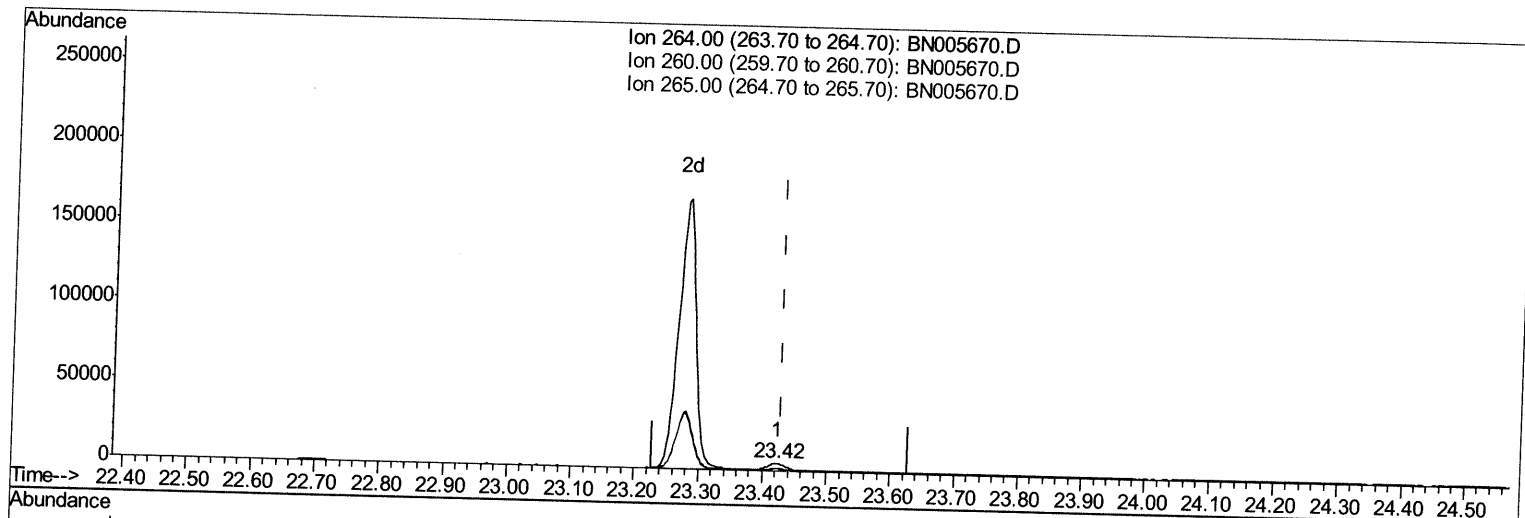
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

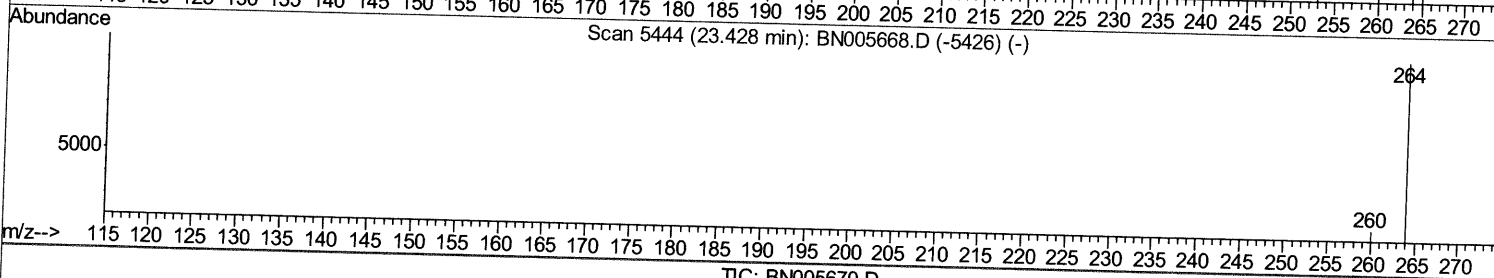
Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:22:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



Scan 5444 (23.428 min): BN005668.D (-5426) (-)



TIC: BN005670.D

(20) Perylene-d12 (I)

23.422min (-0.006) 0.40ng/ul

response 9640

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 25.30 | 27.09 |
| 265.00 | 31.70 | 29.77 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

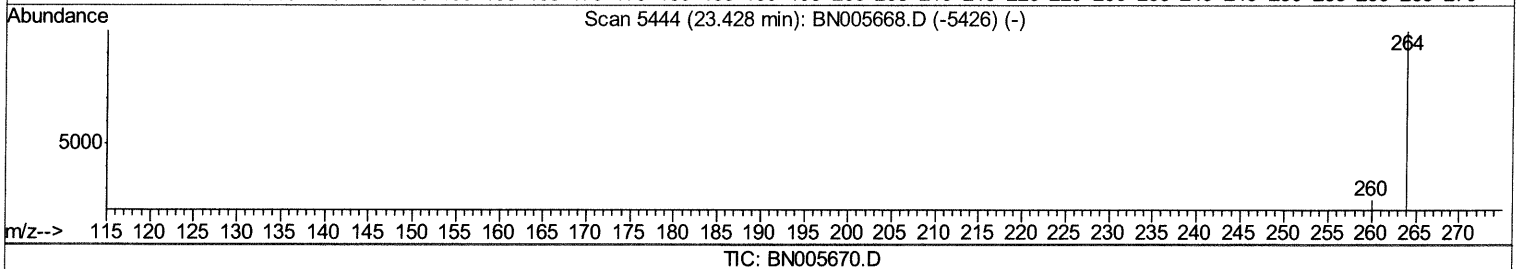
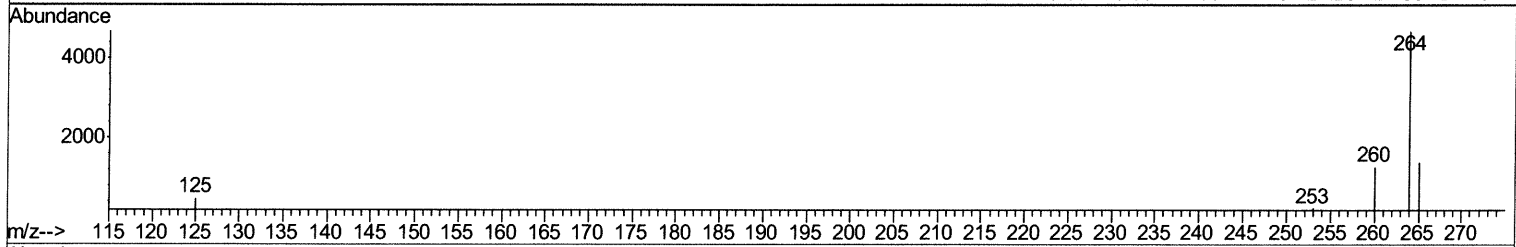
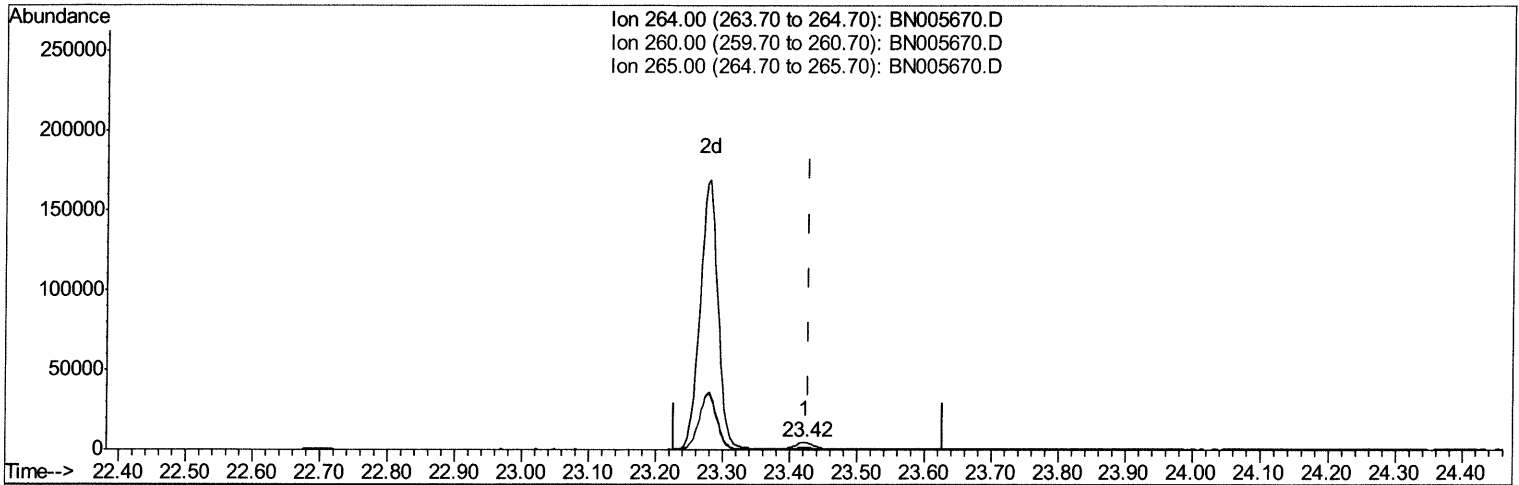
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:22:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.422min (-0.006) 0.40ng/ul m *JU 05/24/19*

response 7996

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 25.30 | 27.09 |
| 265.00 | 31.70 | 29.77 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

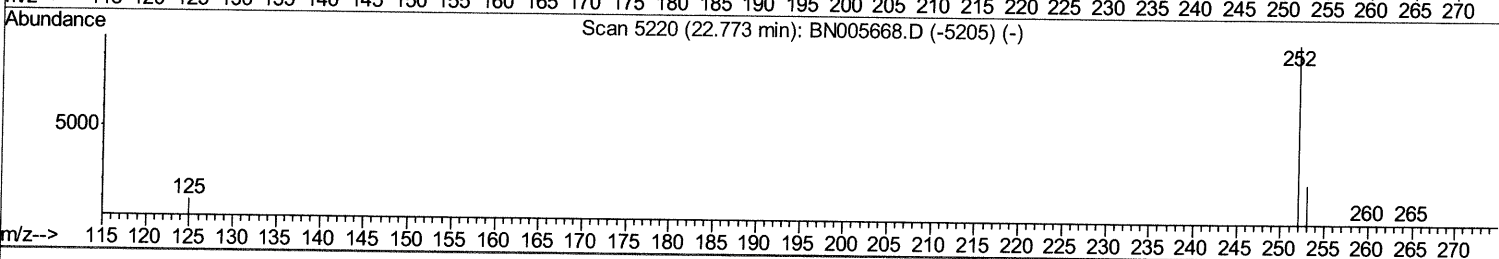
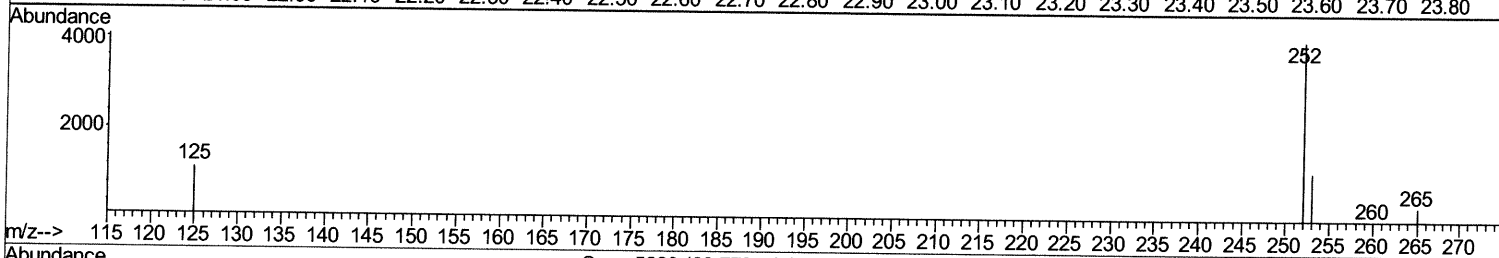
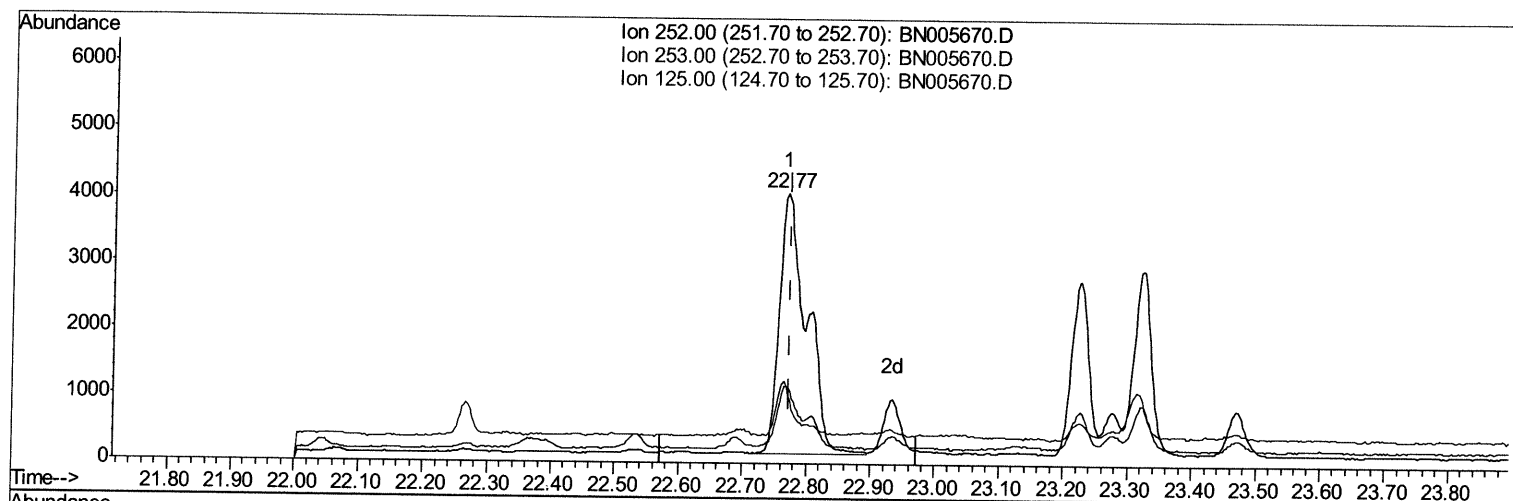
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:23:47 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



(21) Benzo(b)fluoranthene  
22.767min (-0.006) 0.48ng/ul  
response 11511

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.80 | 28.55  |
| 125.00 | 10.40 | 28.38# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

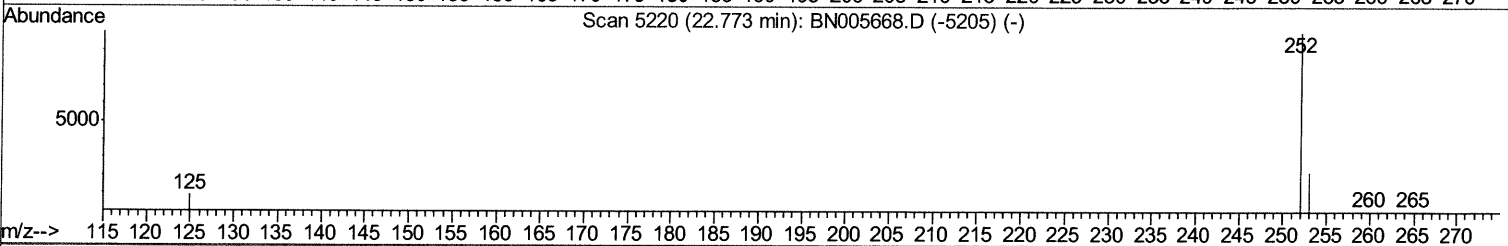
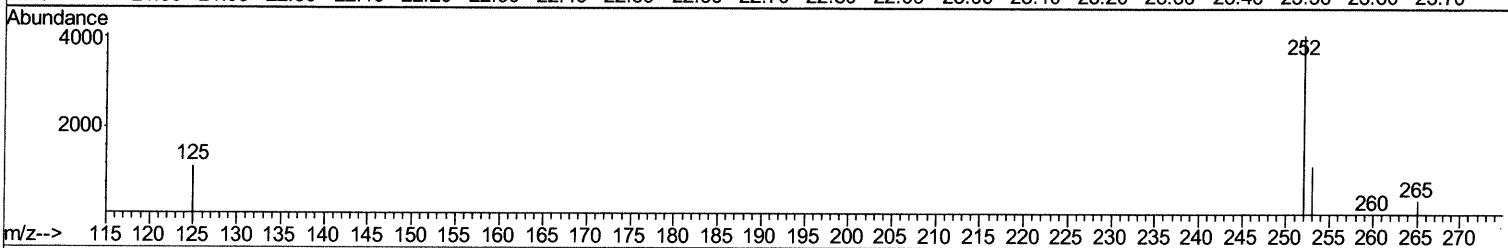
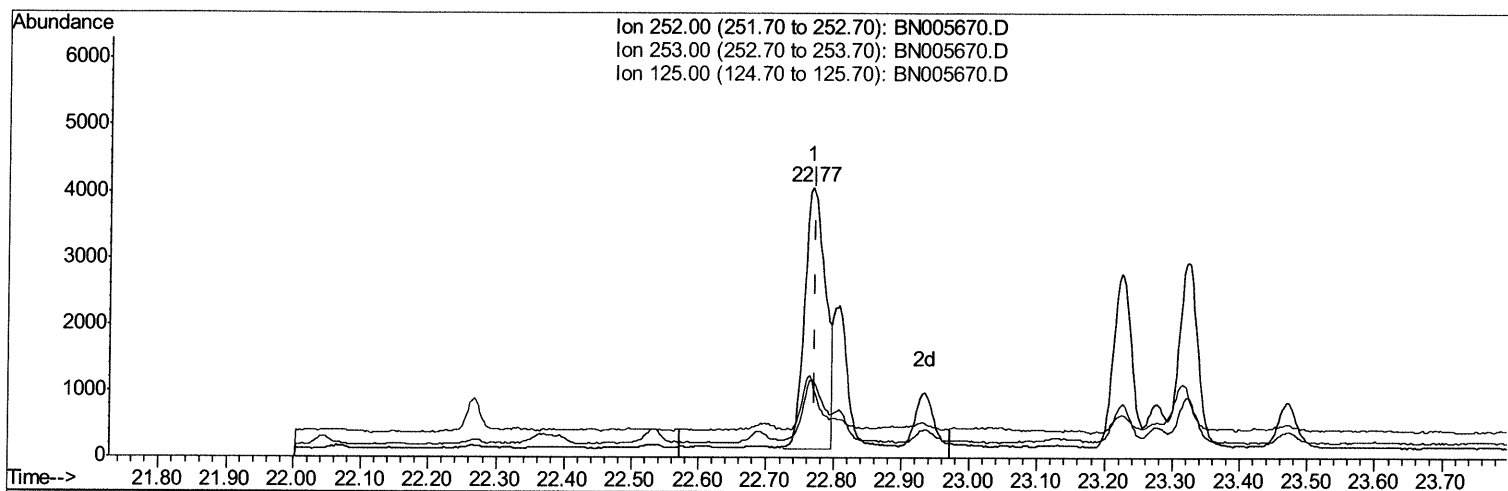
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:23:47 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(21) Benzo(b)fluoranthene

22.767min (-0.006) 0.35ng/ul m *JU/SJ 5/24/19*

response 8507

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.80 | 28.55  |
| 125.00 | 10.40 | 28.38# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

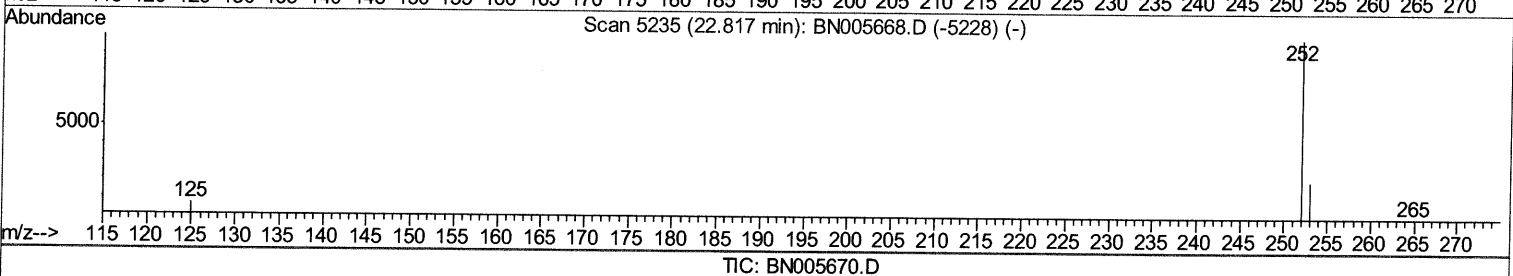
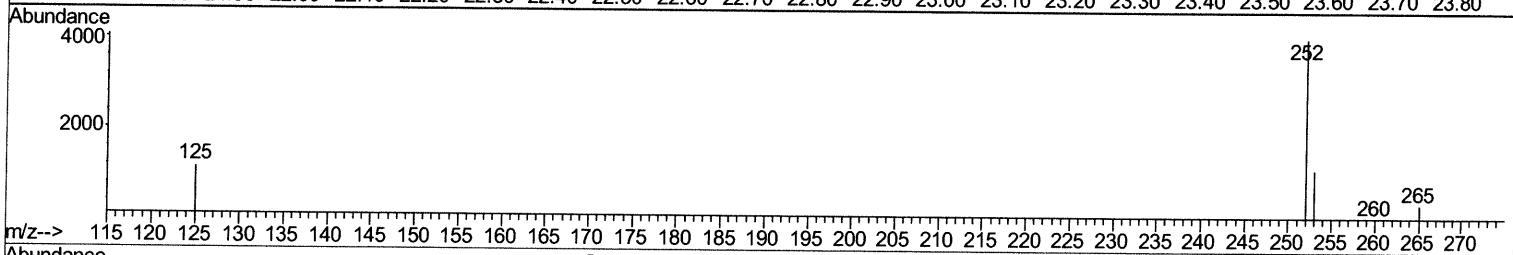
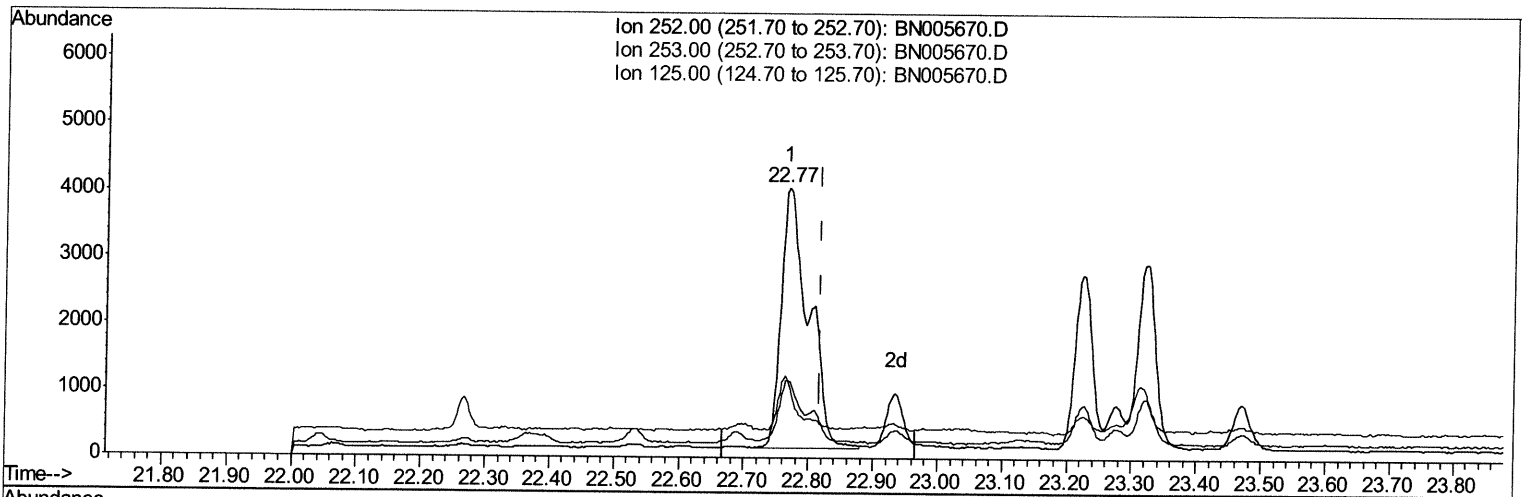
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:23:47 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
22.767min (-0.050) 0.38ng/ul  
response 11477

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.50 | 28.55# |
| 125.00 | 9.50  | 28.38# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
Quantitation Report (Qedit)

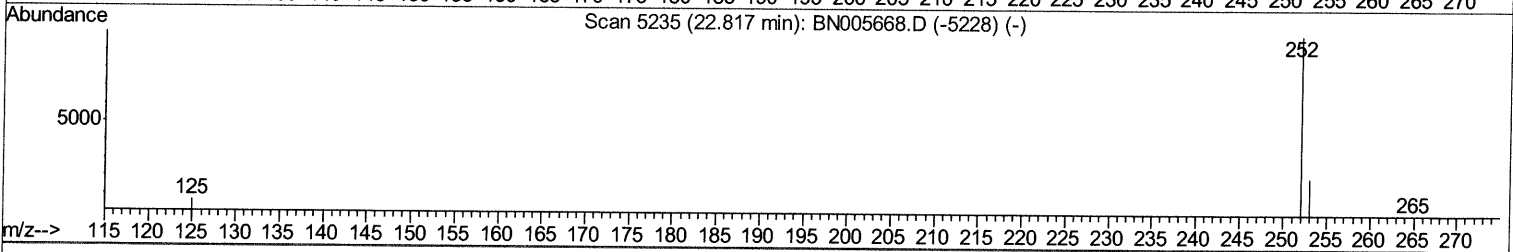
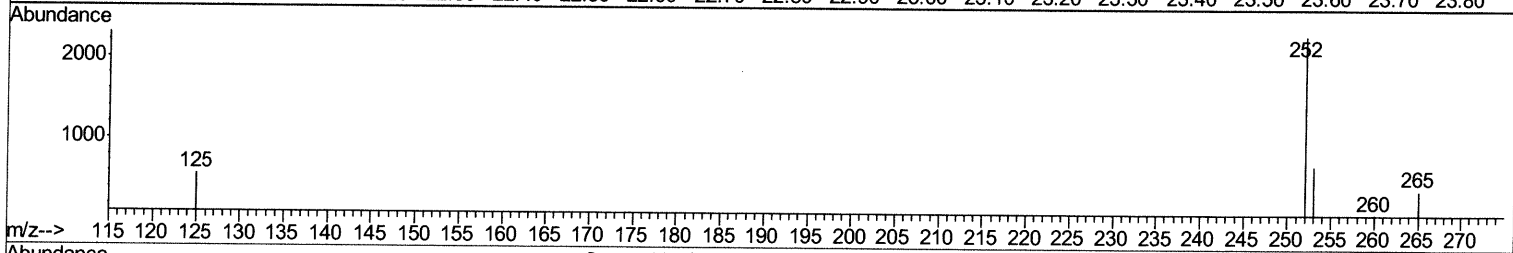
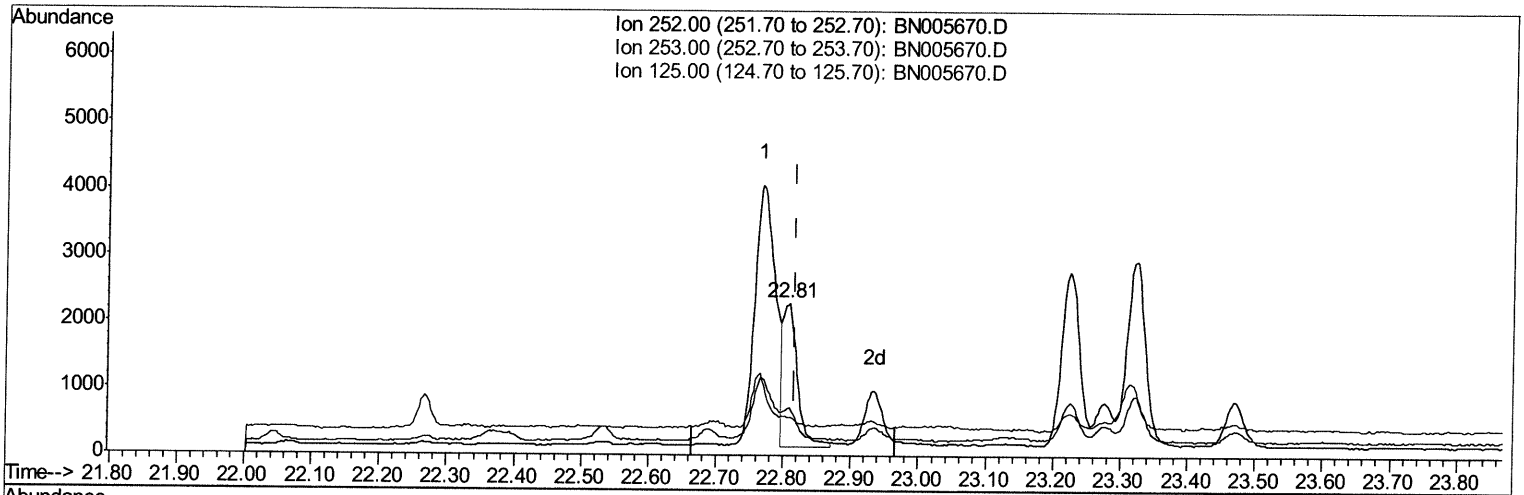
Data File : BN005670.D  
Acq On : 14 May 2019 02:01  
Operator : JU/SJ  
Sample : K2692-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A5172

Manual Integrations  
APPROVED

mohammad  
5/16/2019 11:35:44 AM

Quant Time: May 14 07:23:47 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 07:15:06 2019  
Response via : Initial Calibration



TIC: BN005670.D

(22) Benzo(k)fluoranthene

22.808min (-0.009) 0.11ng/ul m *JU* 05/24/19

response 3204

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.50 | 31.05# |
| 125.00 | 9.50  | 24.61# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
 Quantitation Report (QT Reviewed)  
 Data File : BN005670.D  
 Acq On : 14 May 2019 02:01  
 Operator : JU/SJ  
 Sample : K2692-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A5172

Manual Integrations  
 APPROVED

mohammad  
 5/16/2019 11:35:44 AM

Quant Time: May 14 07:24:49 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 14 07:15:06 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 1304     | 0.40  | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.35 | 136  | 5615     | 0.40  | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.22 | 164  | 3689     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.98 | 188  | 9283m >  | 0.40  | ng/ul  | -0.01    |
| 16) Chrysene-d12            | 21.22 | 240  | 9098m >  | 0.40  | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.42 | 264  | 7996m >  | 0.40  | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 1354     | 0.15  | ng/ul  | 0.01     |
| 14) Fluoranthene-d10        | 19.03 | 212  | 4268m >  | 0.15  | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |       |        |          |
| 7) Acenaphthylene           | 13.94 | 152  | 1628     | 0.088 | ng/ul# | 93       |
| 12) Phenanthrene            | 17.02 | 178  | 3141     | 0.124 | ng/ul  | 96       |
| 13) Anthracene              | 17.11 | 178  | 1054m >  | 0.042 | ng/ul  | -0.01    |
| 15) Fluoranthene            | 19.06 | 202  | 9392m >  | 0.268 | ng/ul  | -0.01    |
| 17) Pyrene                  | 19.42 | 202  | 9286m >  | 0.276 | ng/ul  | -0.01    |
| 18) Benzo(a)anthracene      | 21.20 | 228  | 4770     | 0.152 | ng/ul# | 92       |
| 19) Chrysene                | 21.25 | 228  | 6371m >  | 0.165 | ng/ul  | -0.01    |
| 21) Benzo(b)fluoranthene    | 22.77 | 252  | 8507m >  | 0.354 | ng/ul  | -0.01    |
| 22) Benzo(k)fluoranthene    | 22.81 | 252  | 3204m >  | 0.106 | ng/ul  | -0.01    |
| 23) Benzo(a)pyrene          | 23.32 | 252  | 5312     | 0.198 | ng/ul# | 75       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.62 | 276  | 4254     | 0.142 | ng/ul# | 90       |
| 25) Dibenzo(a,h)anthracene  | 25.62 | 278  | 1066     | 0.043 | ng/ul# | 37       |
| 26) Benzo(g,h,i)perylene    | 26.29 | 276  | 4131     | 0.161 | ng/ul# | 90       |

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