

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

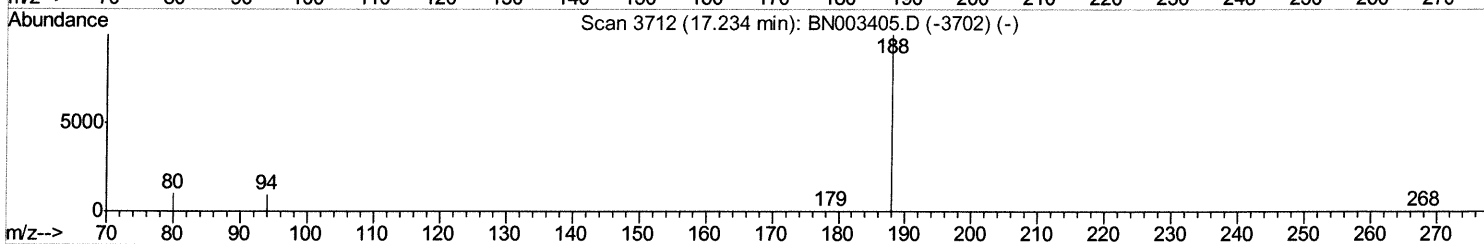
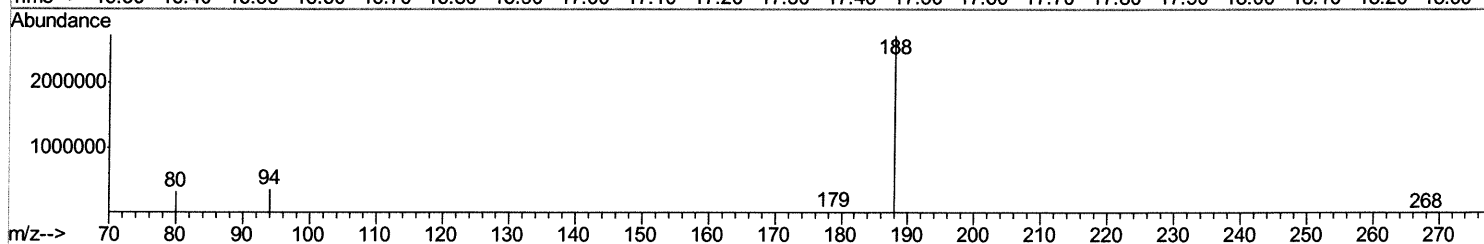
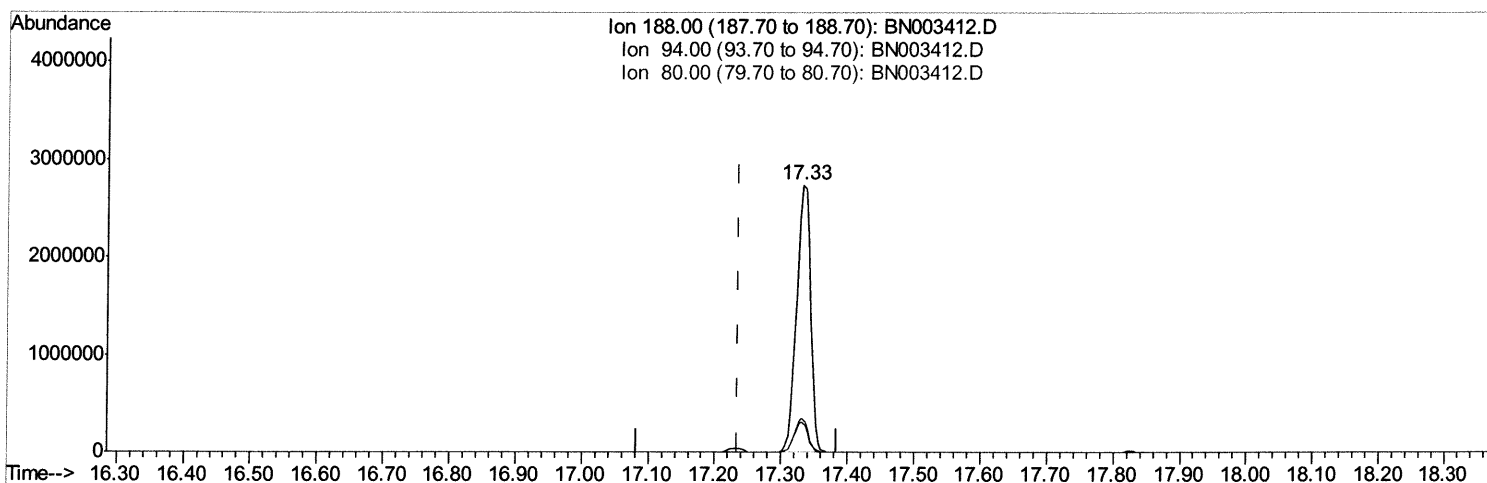
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 02 23:52:31 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(10) Phenanthrene-d10 (I)

17.331min (+0.097) 0.40ng/ul

response 3967146

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 9.20  | 12.89# |
| 80.00  | 10.10 | 11.39  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

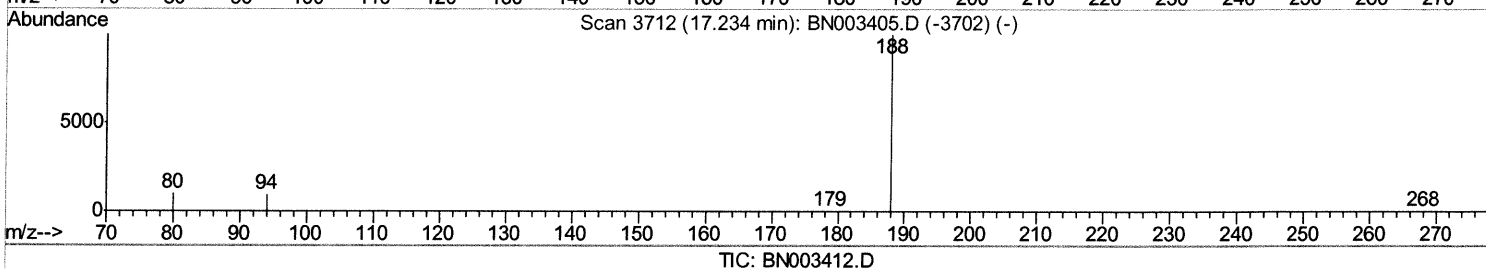
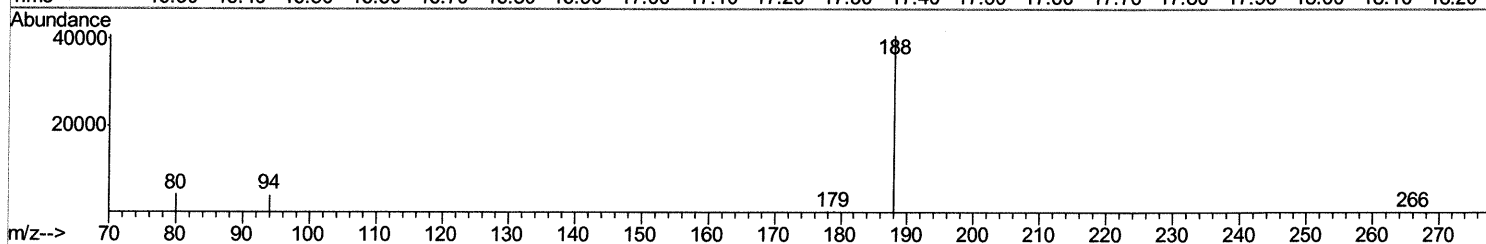
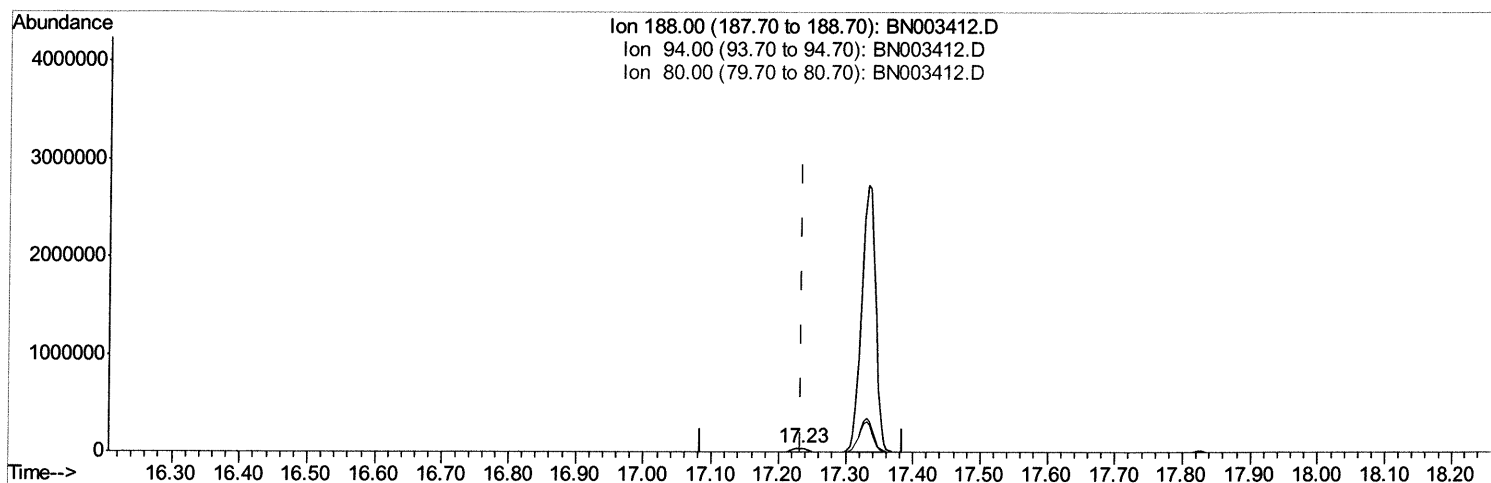
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 02 23:52:31 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(10) Phenanthrene-d10 (I)

17.234min (-0.000) 0.40ng/ul m> SD

11/12/18

response 57503

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 9.20  | 9.76  |
| 80.00  | 10.10 | 10.33 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

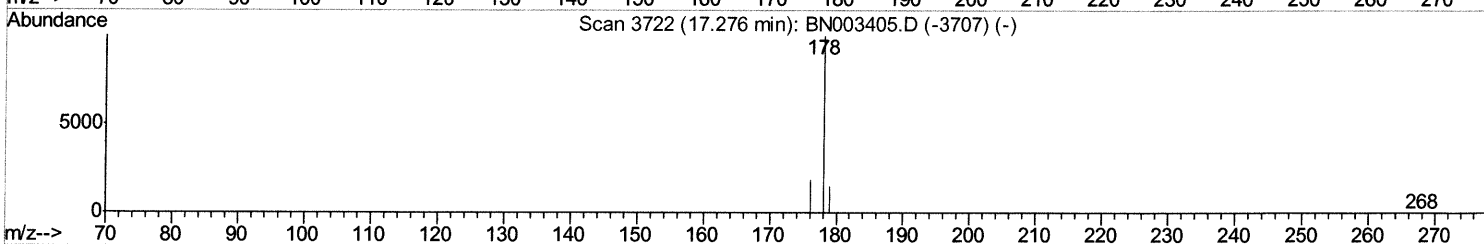
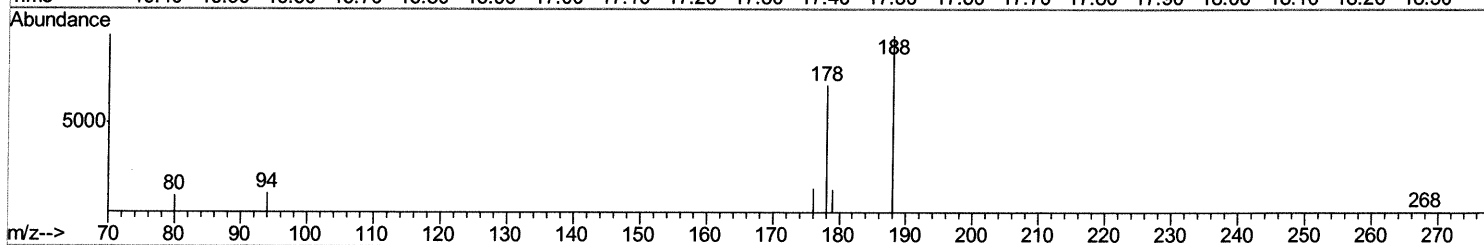
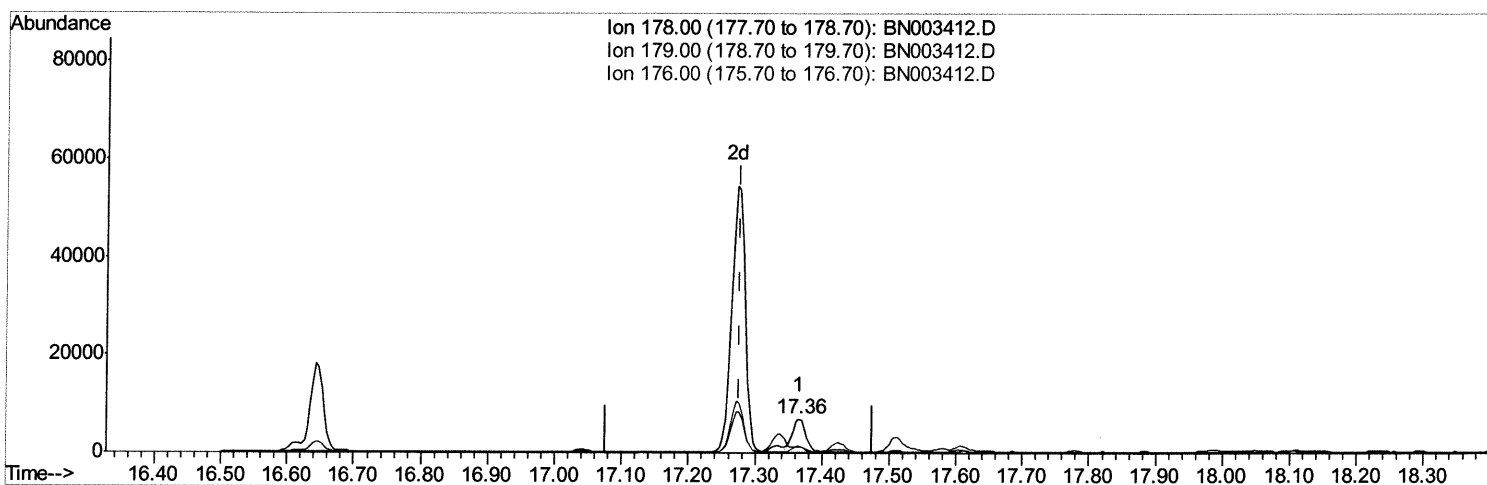
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(12) Phenanthrene

17.365min (+0.089) 0.05ng/ul

response 9130

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.50 | 18.55 |
| 176.00 | 18.70 | 19.58 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

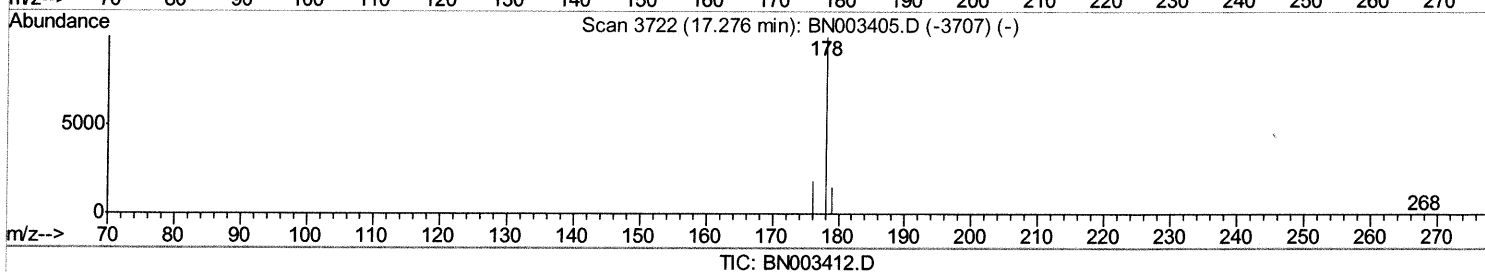
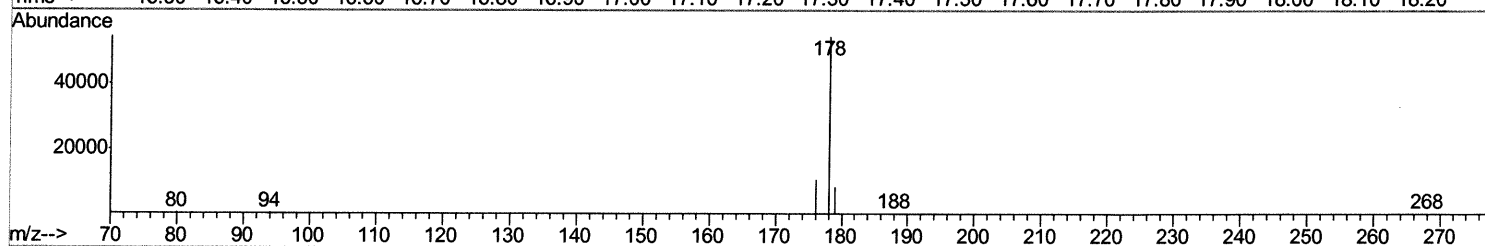
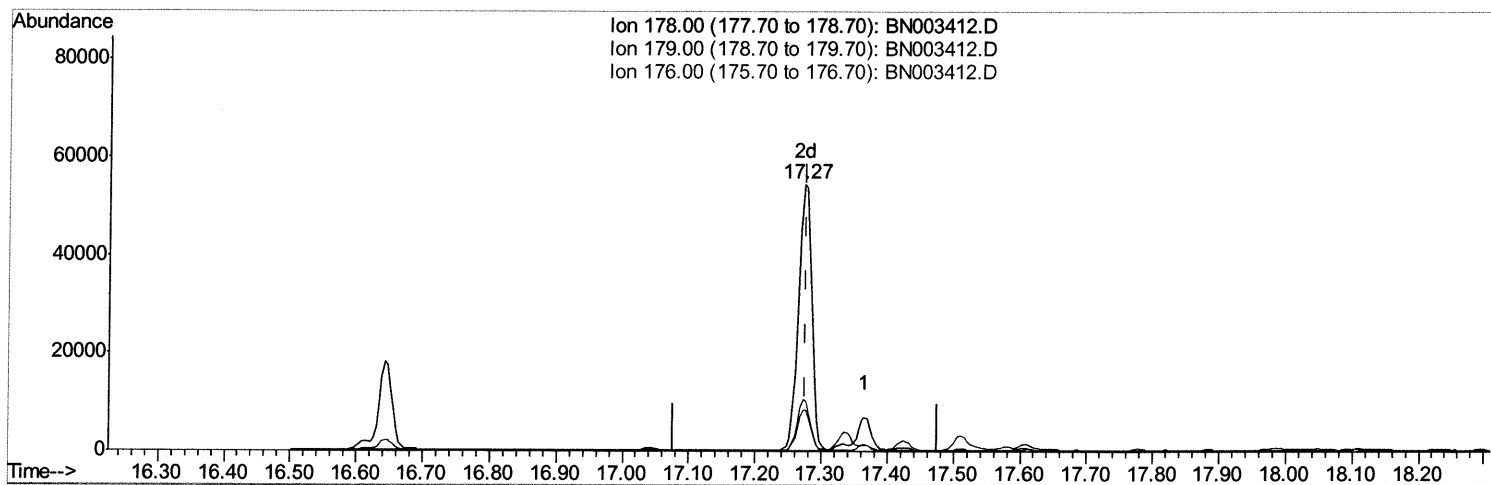
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



(12) Phenanthrene

17.272min (-0.004) 0.40ng/ul m > SJ 11/12/18

response 75630

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.50 | 15.51 |
| 176.00 | 18.70 | 19.41 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

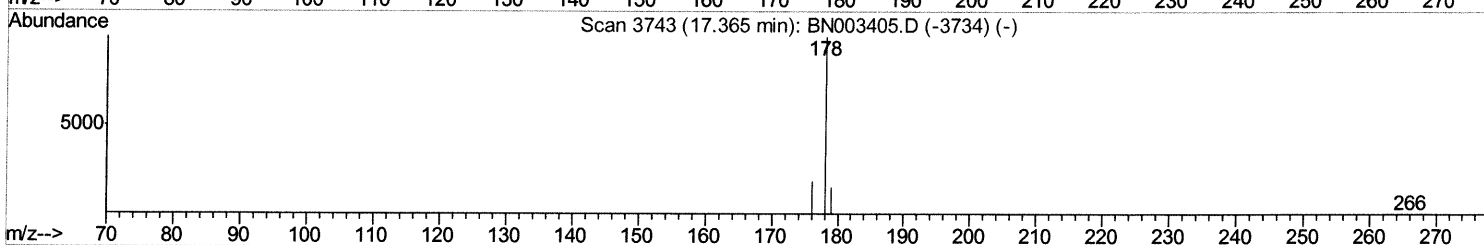
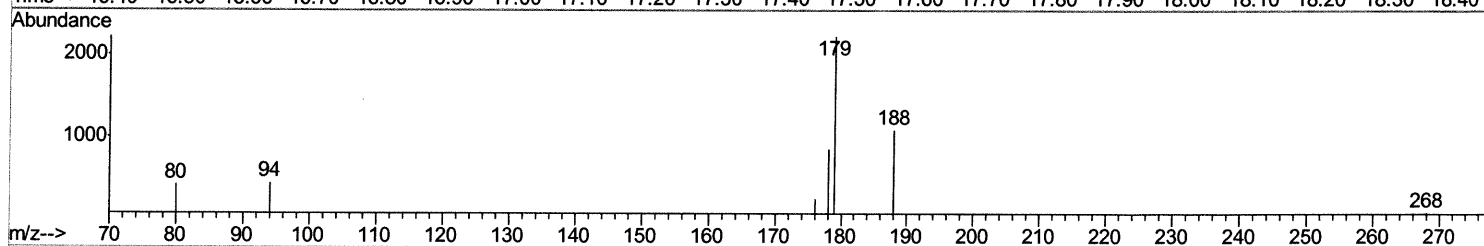
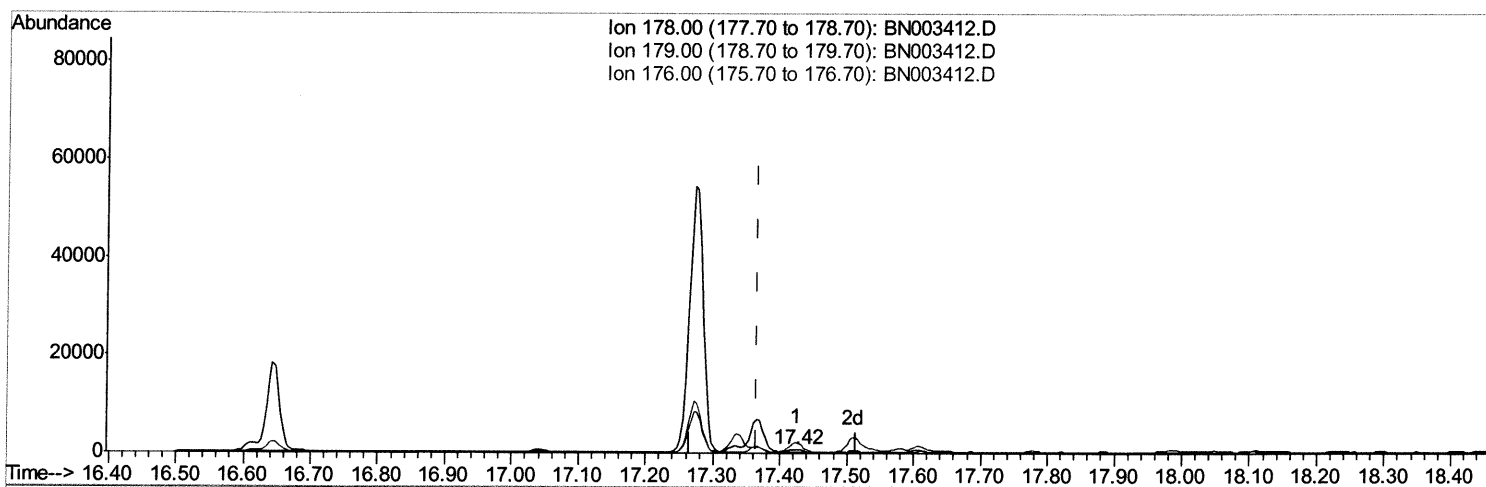
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(13) Anthracene

17.424min (+0.059) 0.01ng/ul

response 864

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 15.20 | 263.90# |
| 176.00 | 18.40 | 28.86#  |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

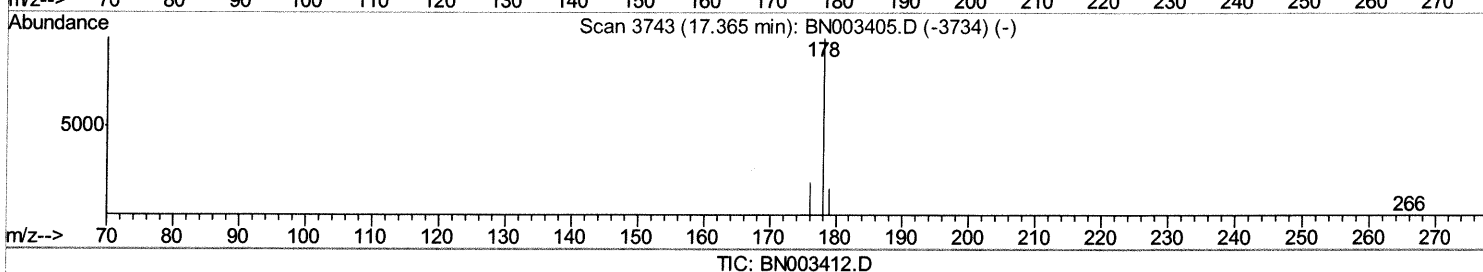
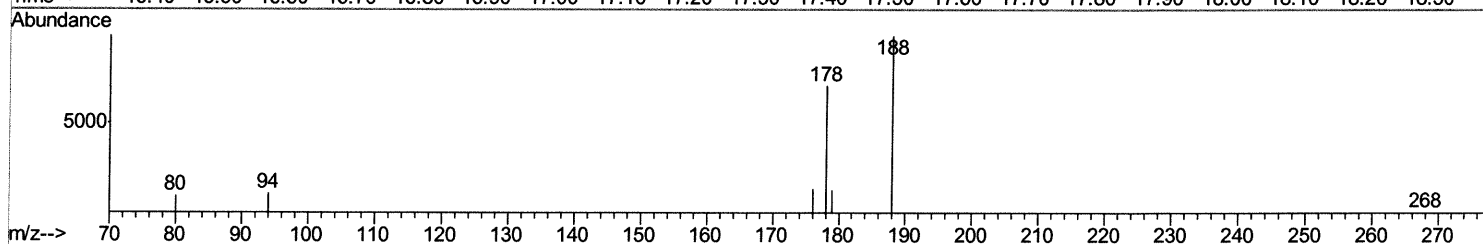
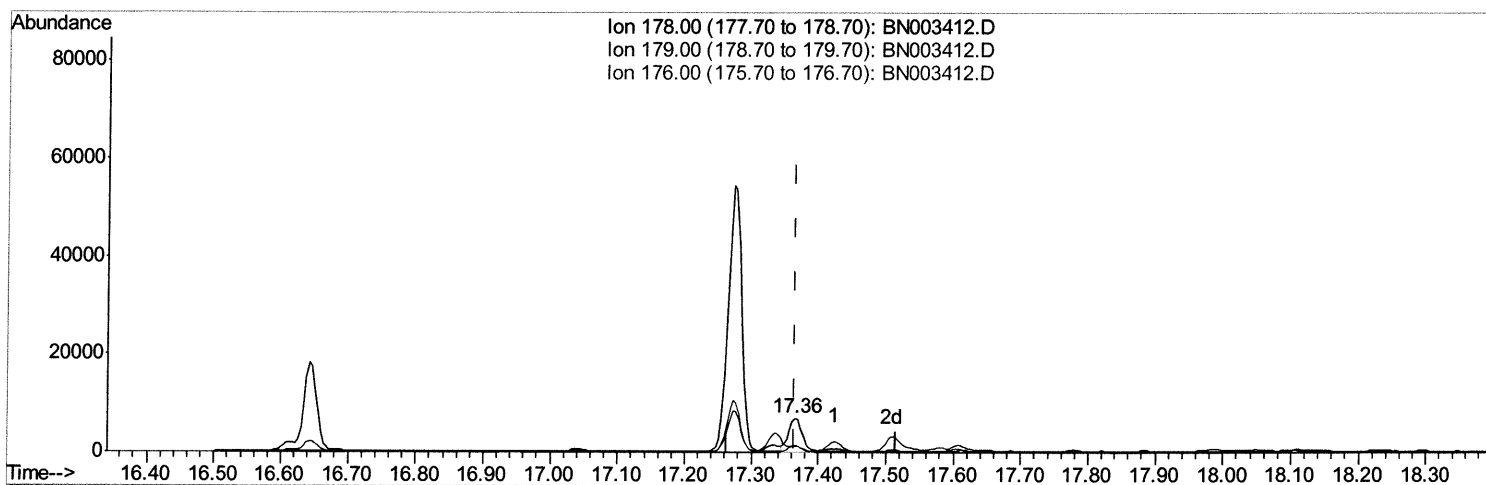
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



(13) Anthracene

17.365min (-0.000) 0.06ng/ul m) SJ 11/14/18

response 9836

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 15.20 | 18.55# |
| 176.00 | 18.40 | 19.58  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

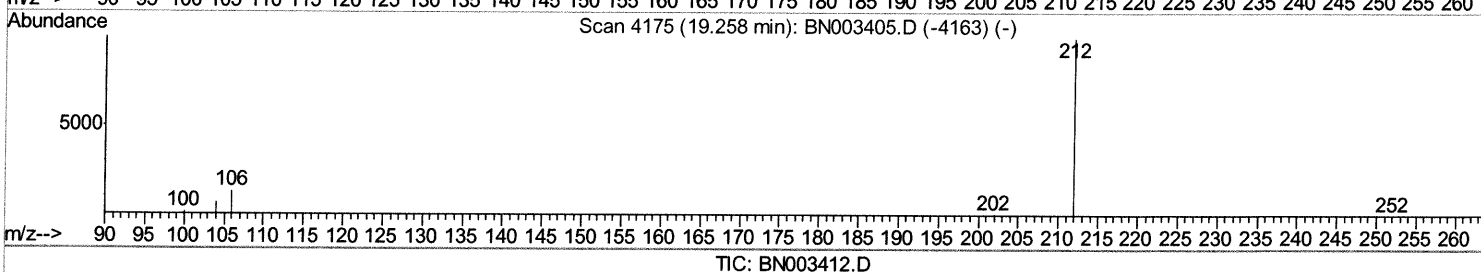
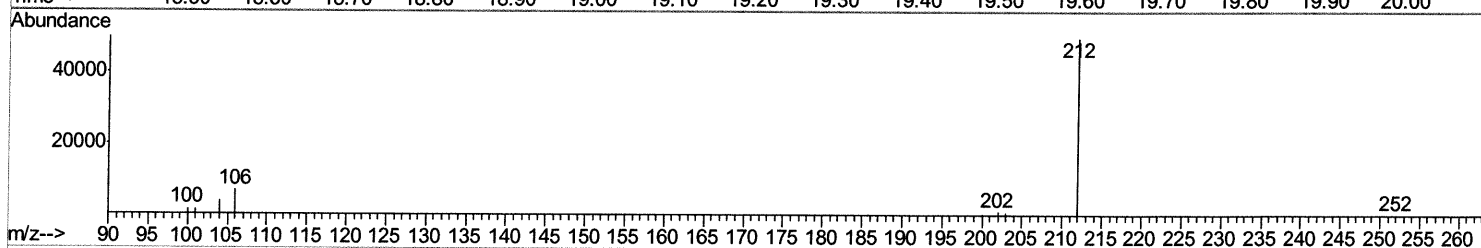
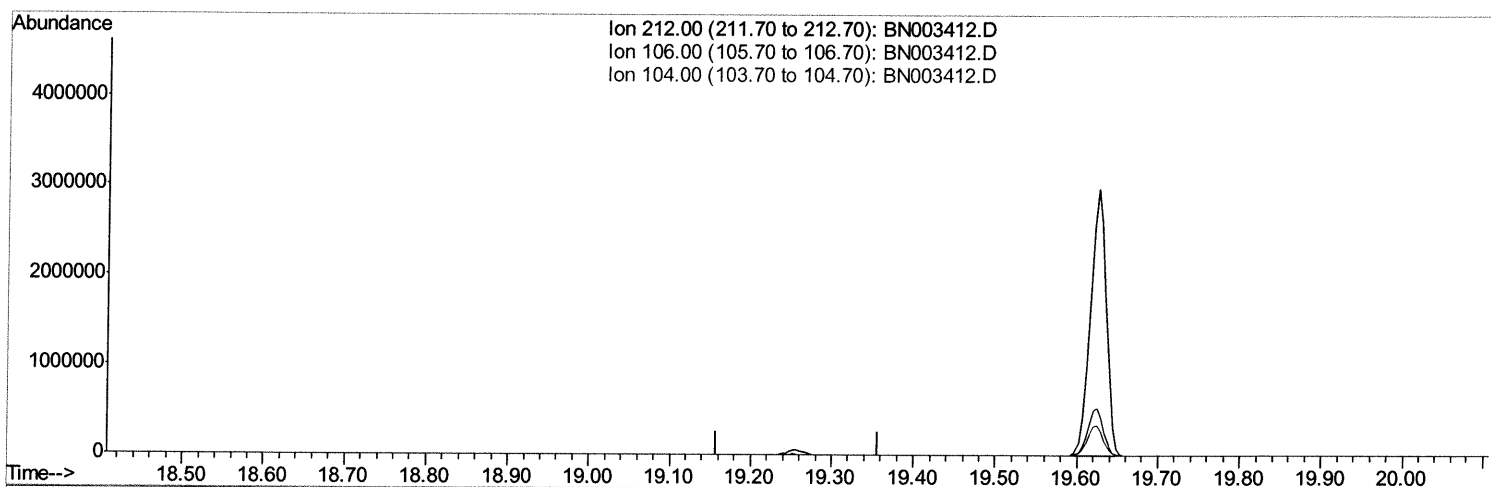
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.258min (-19.258) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 13.50 | 0.00# |
| 104.00 | 7.60  | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

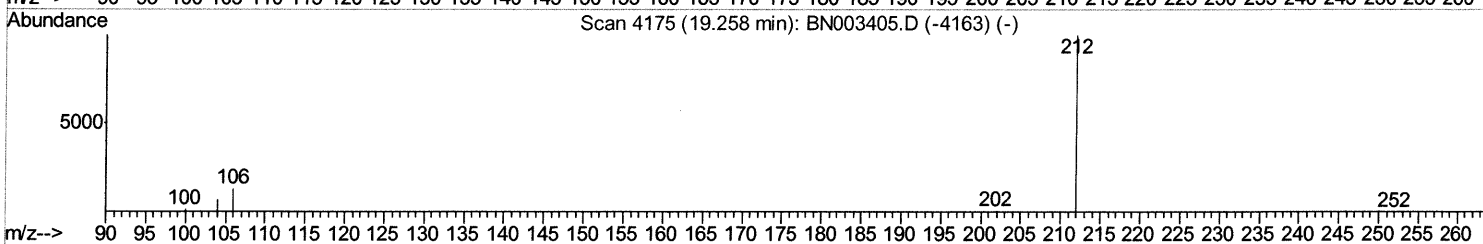
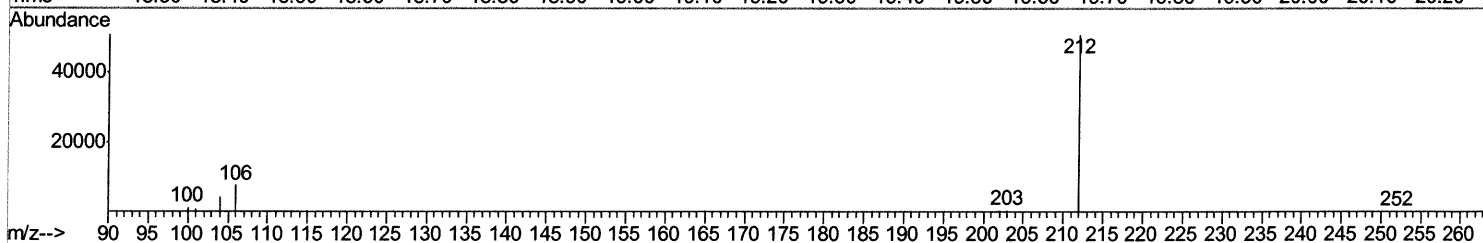
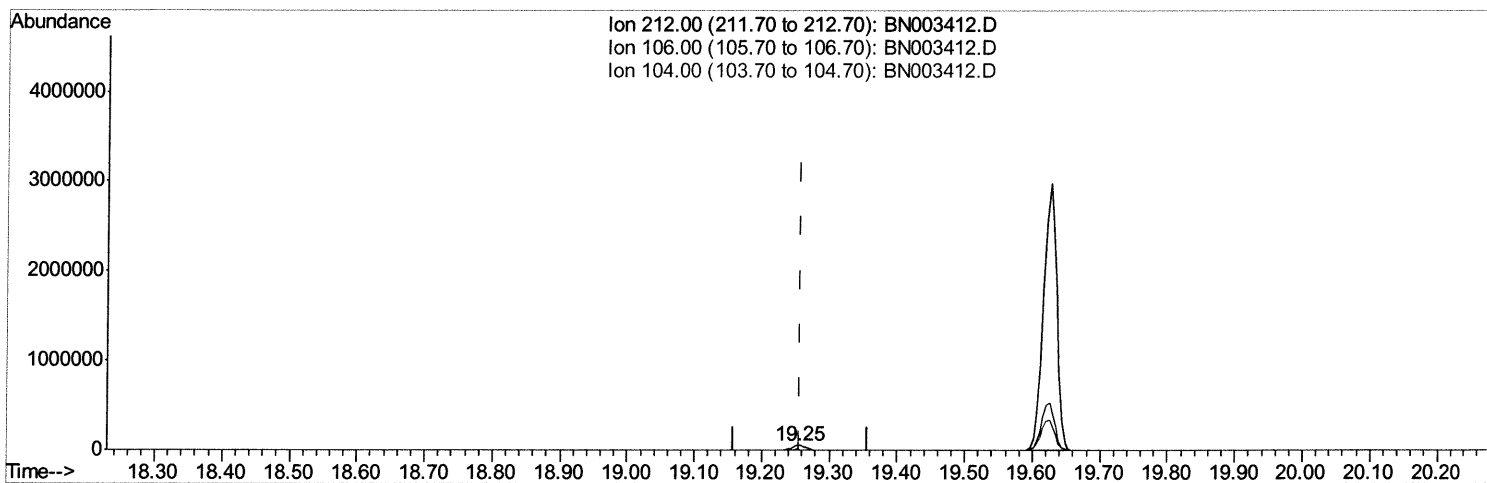
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(14) Fluoranthene-d10 (SURR)

19.253min (-0.005) 0.42ng/ul m> SJ 11/12/18

response 67666

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 13.50 | 0.00# |
| 104.00 | 7.60  | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

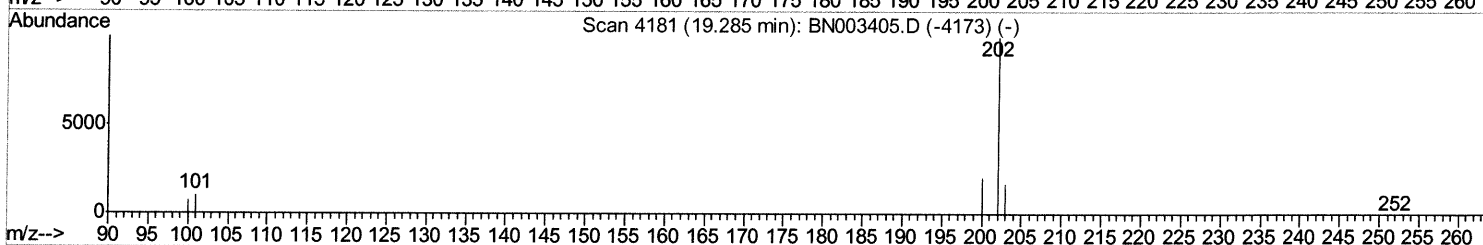
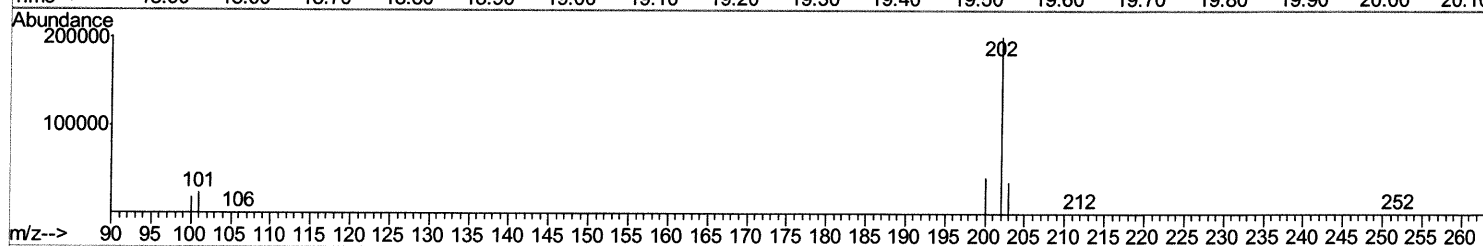
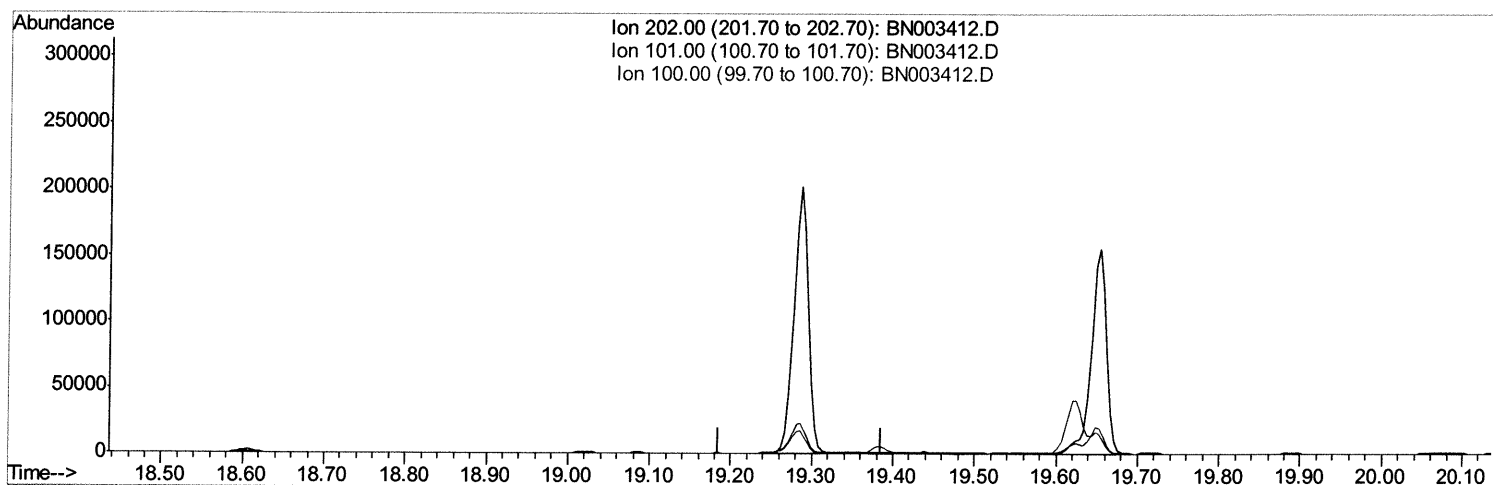
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(15) Fluoranthene (C)

19.285min (-19.285) 0.00ng/ul

response 0

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 202.00 | 100   | 0.00 |
| 101.00 | 10.70 | 0.00 |
| 100.00 | 8.00  | 0.00 |
| 0.00   | 0.00  | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

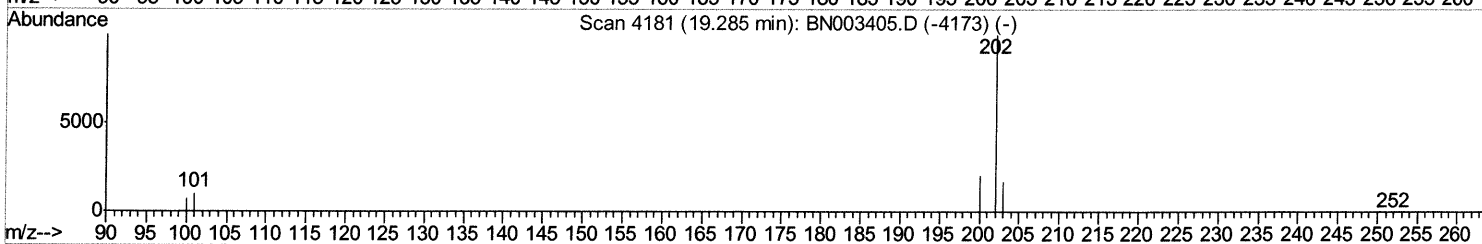
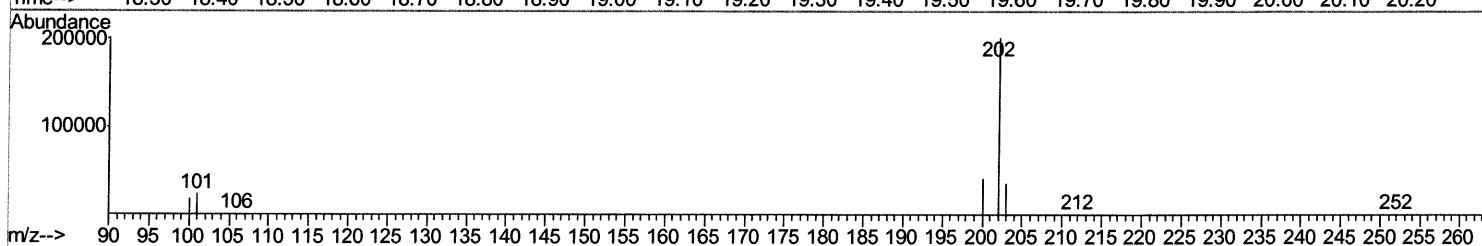
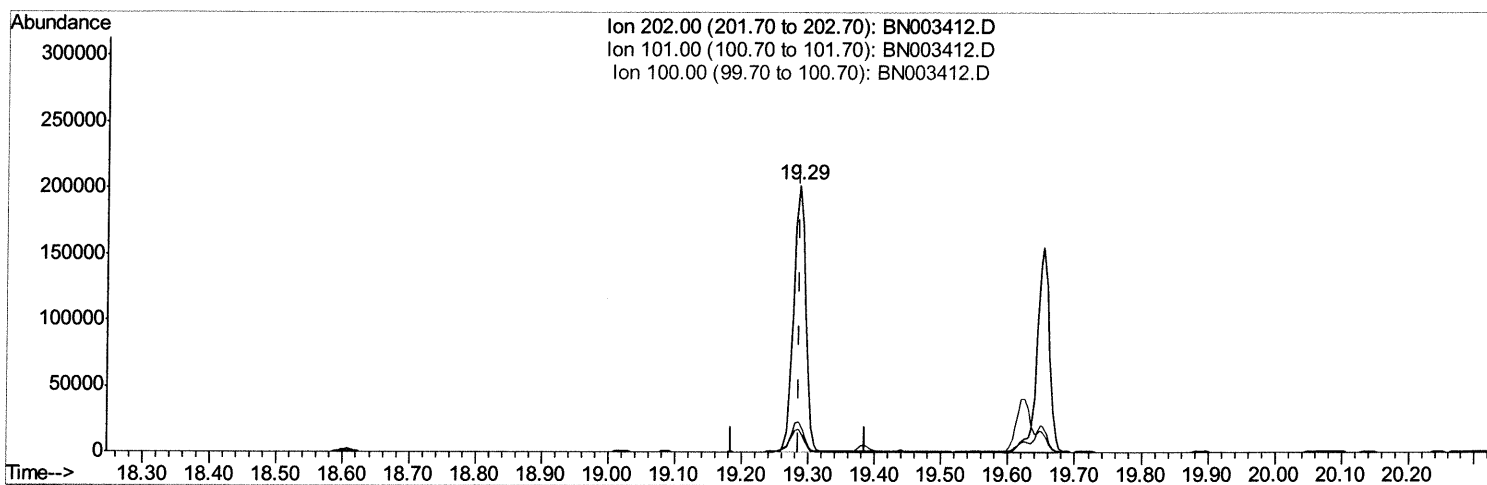
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(15) Fluoranthene (C)

19.285min (-0.000) 1.18ng/ul m } SJ 11/12/18

response 250830

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.70 | 11.45 |
| 100.00 | 8.00  | 8.86  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

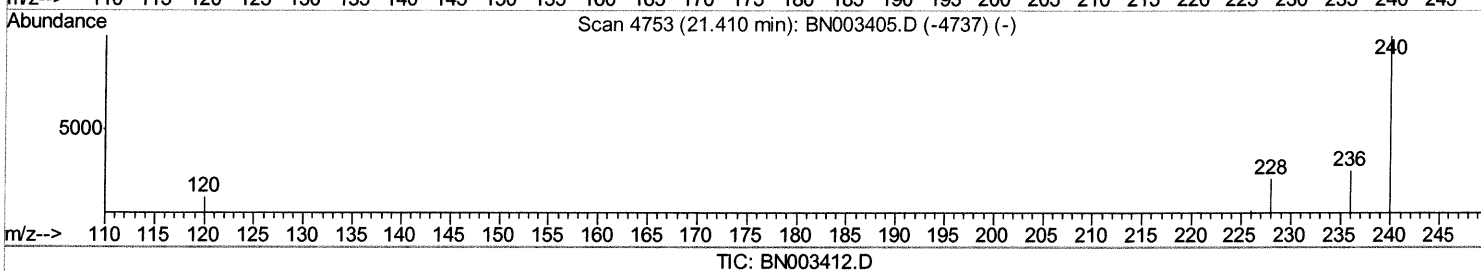
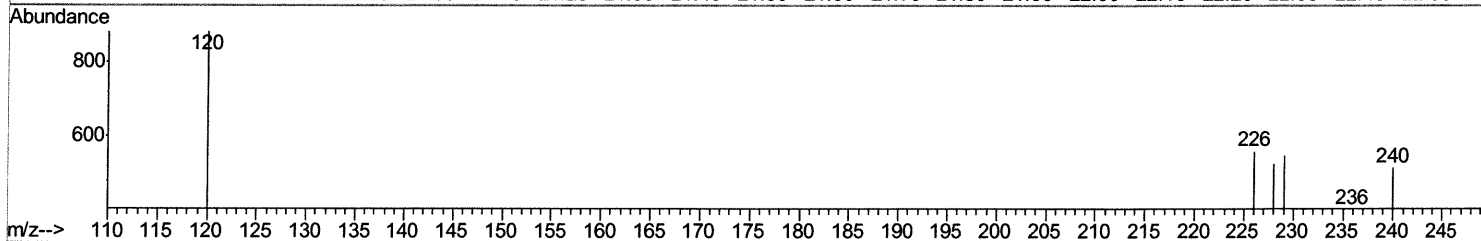
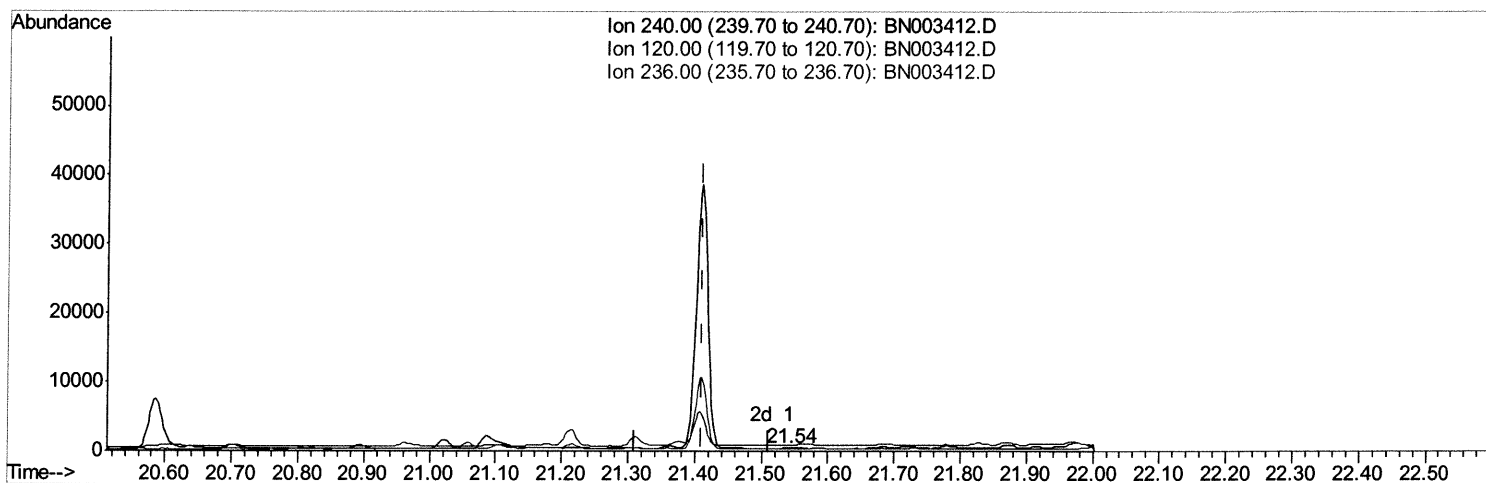
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.542min (+0.131) 0.40ng/ul

response 364

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 13.80 | 171.26# |
| 236.00 | 27.60 | 78.64#  |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

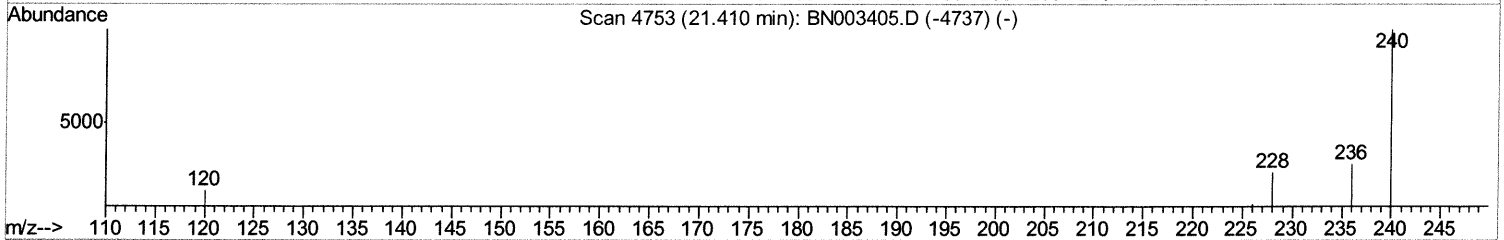
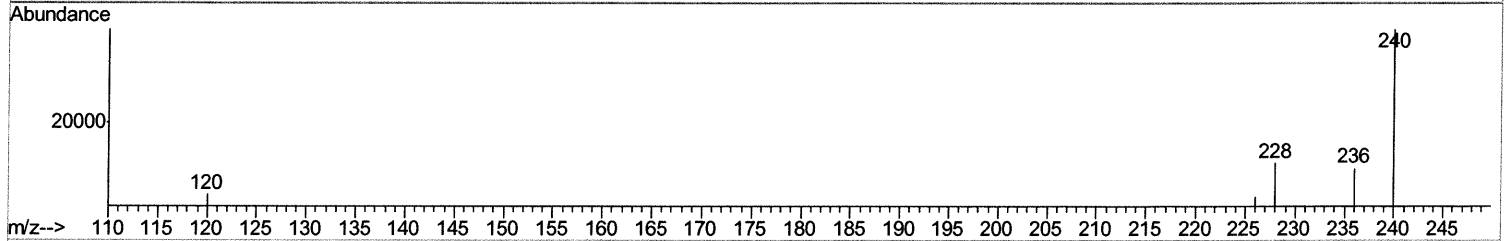
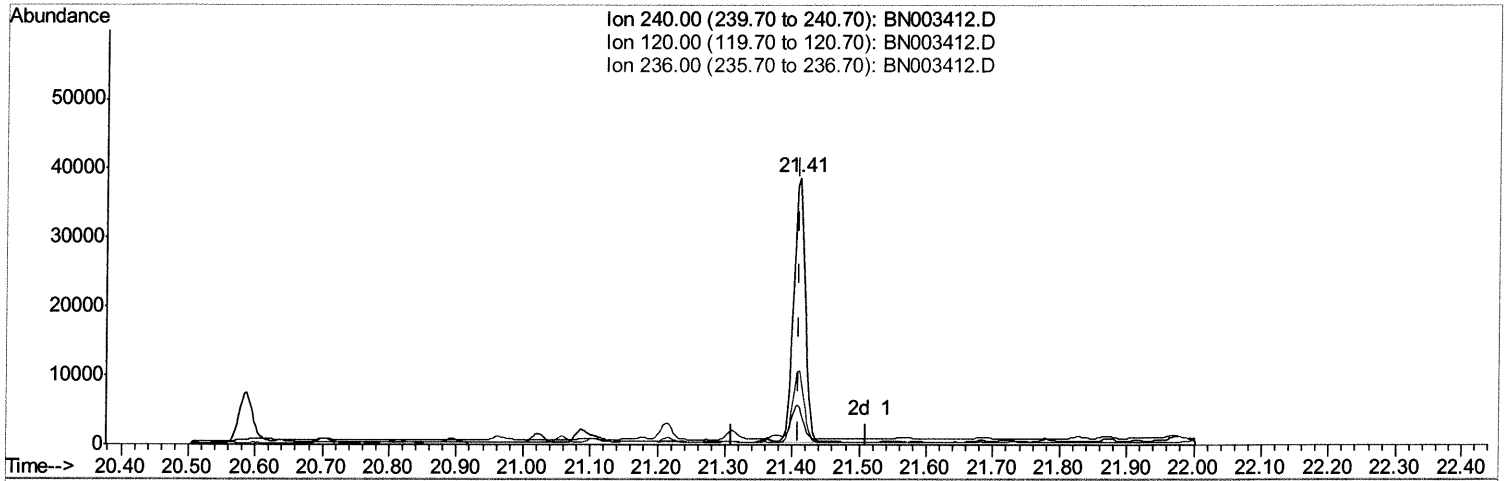
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:53:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(16) Chrysene-d12 (I)

21.410min (-0.000) 0.40ng/ul m > SJ 11/12/18

response 45917

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 13.80 | 14.31 |
| 236.00 | 27.60 | 27.78 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

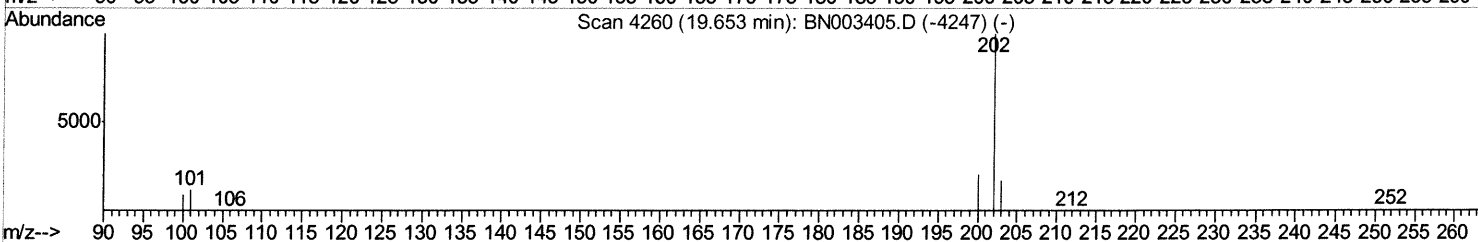
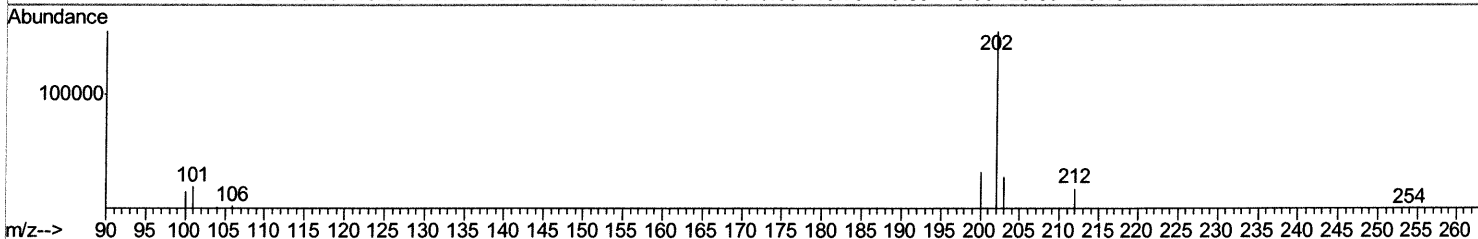
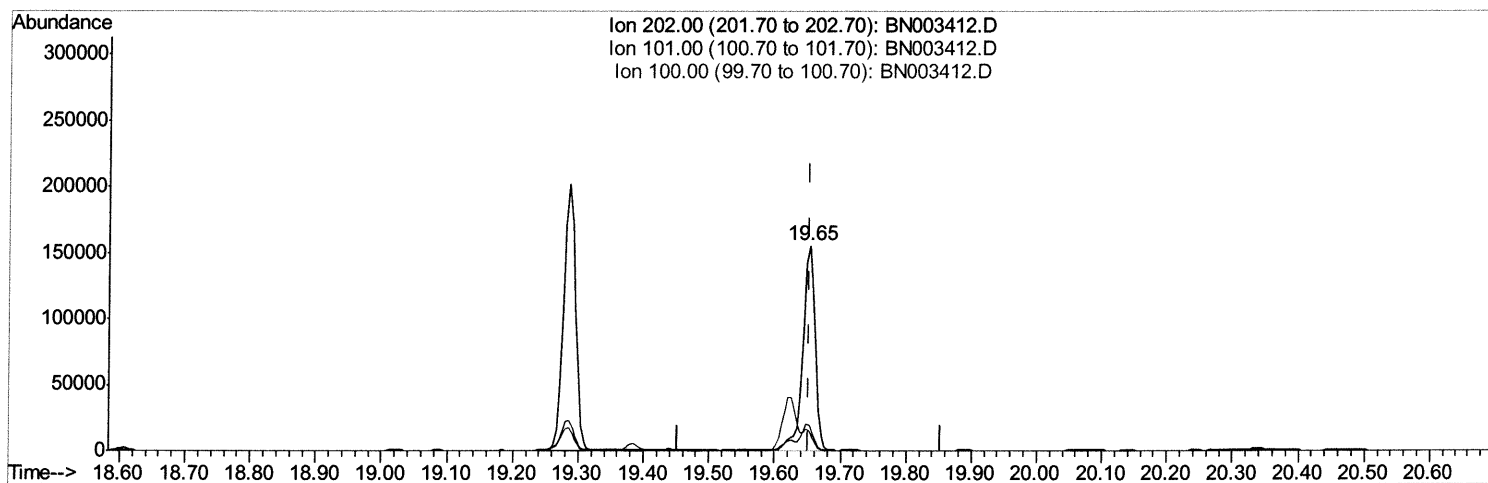
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(17) Pyrene

19.652min (-0.000) 1.21ng/ul

response 202307

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 11.90 | 12.15 |
| 100.00 | 9.40  | 9.56  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

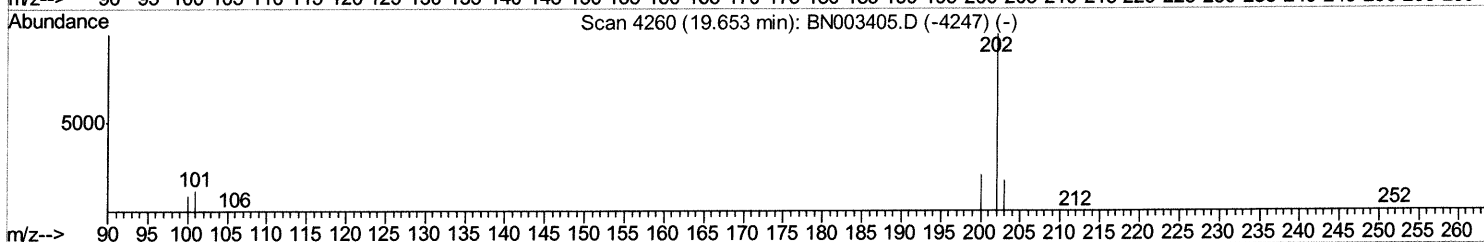
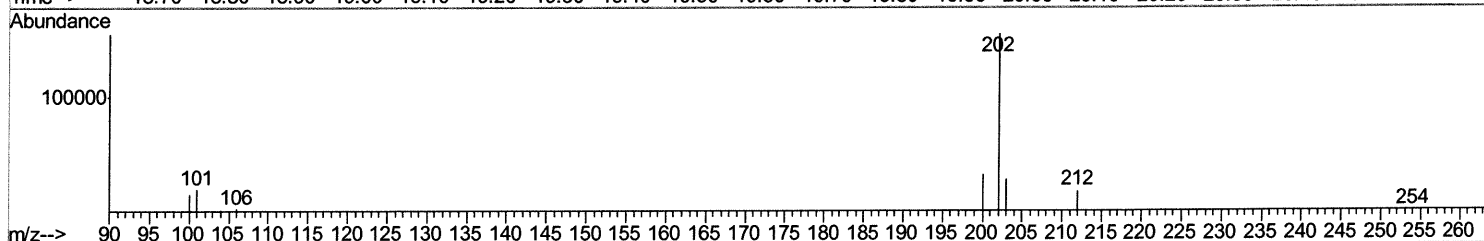
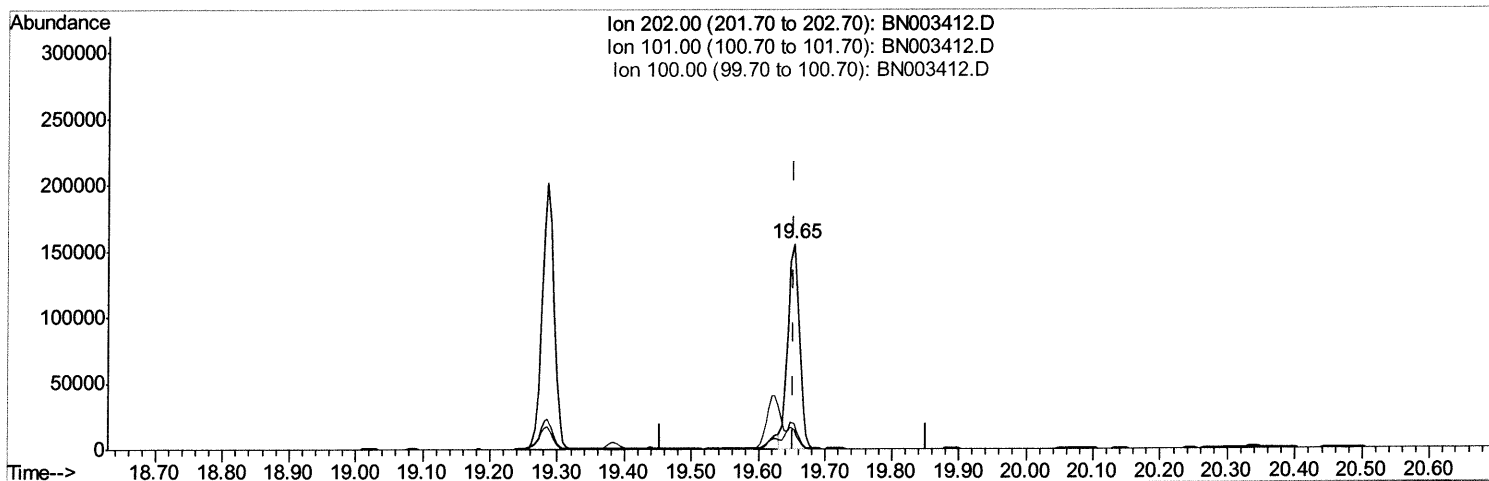
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(17) Pyrene

19.652min (-0.000) 1.15ng/ul m > SJ 11/12/18

response 191975

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 11.90 | 12.15 |
| 100.00 | 9.40  | 9.56  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

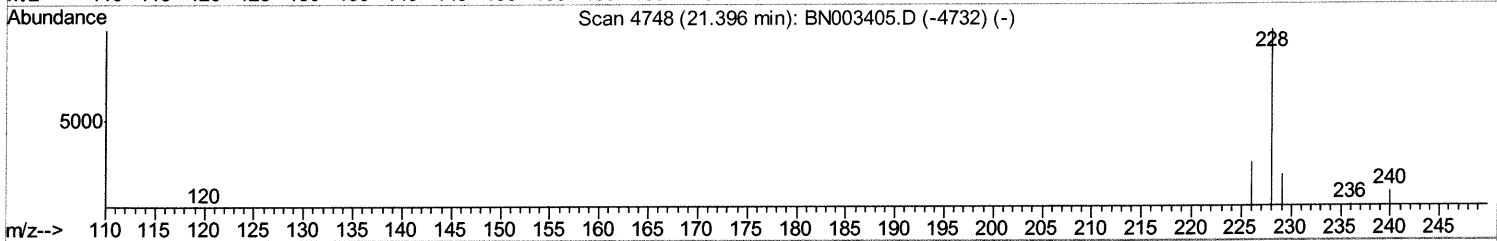
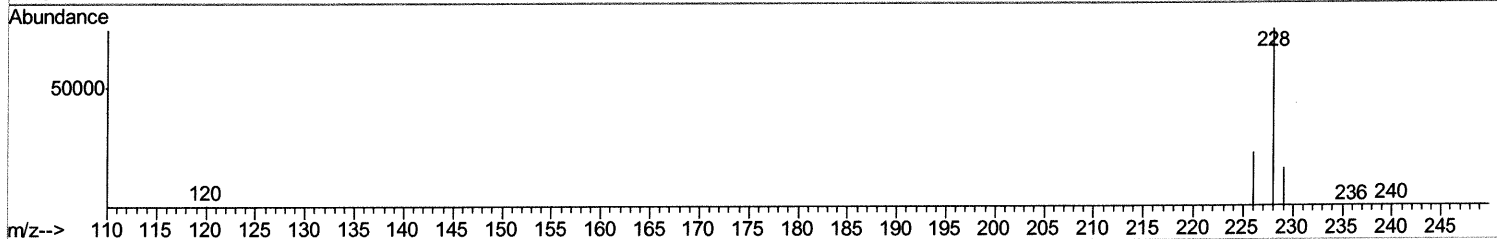
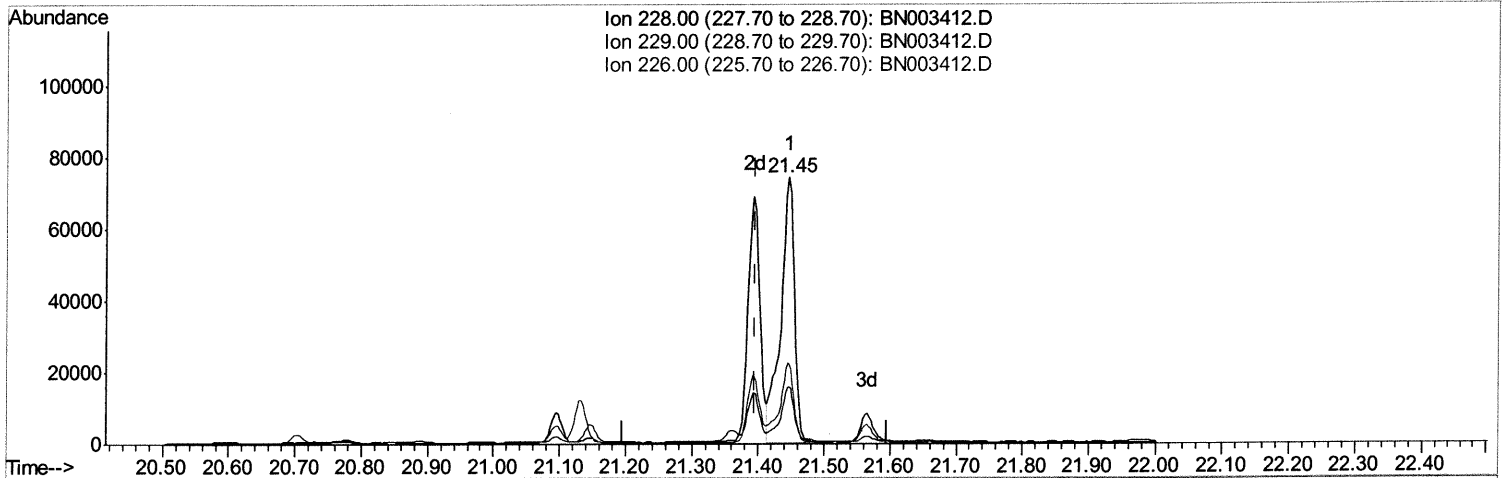
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(18) Benzo(a)anthracene  
21.445min (+0.050) 0.74ng/ul  
response 107210

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.40 | 21.39 |
| 226.00 | 26.90 | 30.41 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

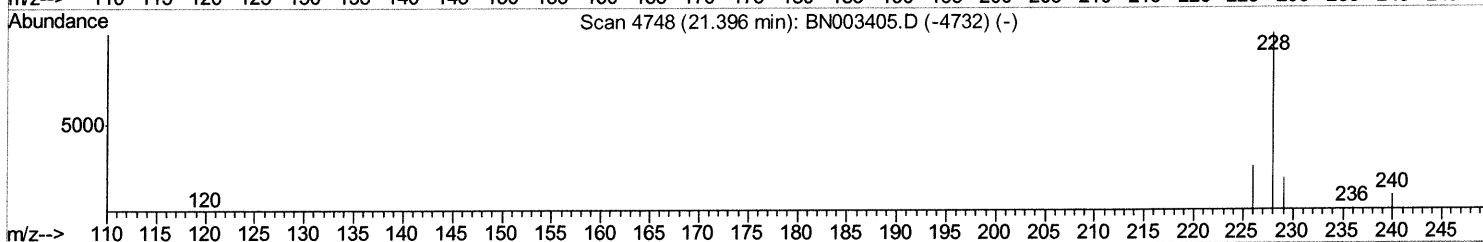
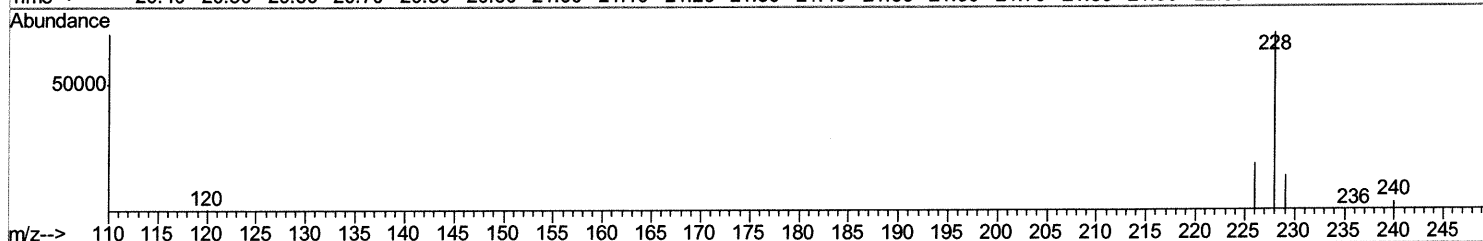
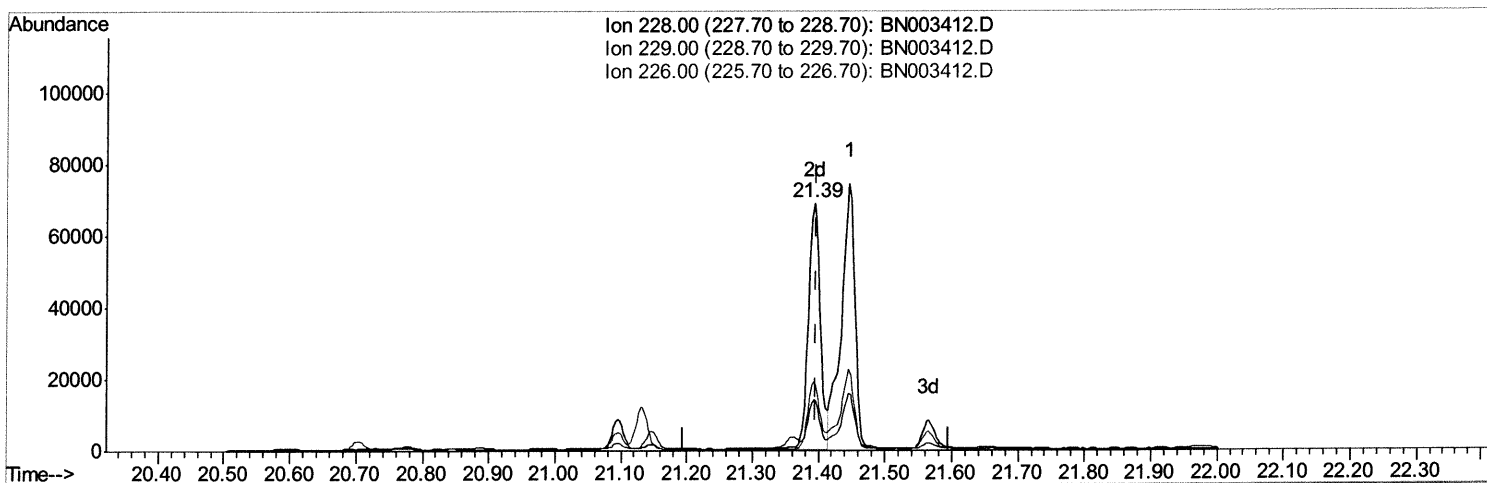
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(18) Benzo(a)anthracene

21.393min (-0.003) 0.60ng/ul m> SJ 11/12/18

response 86877

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.40 | 20.68 |
| 226.00 | 26.90 | 27.82 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

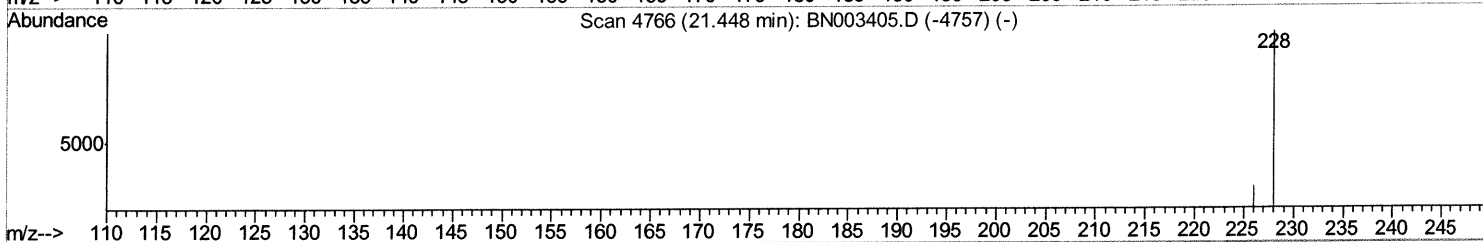
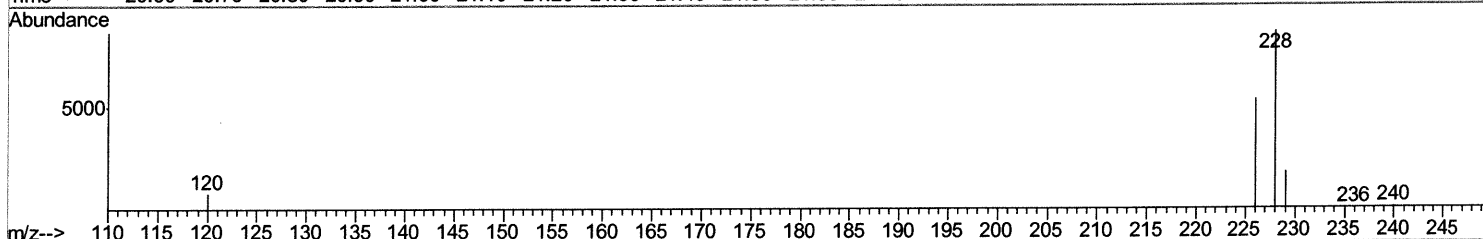
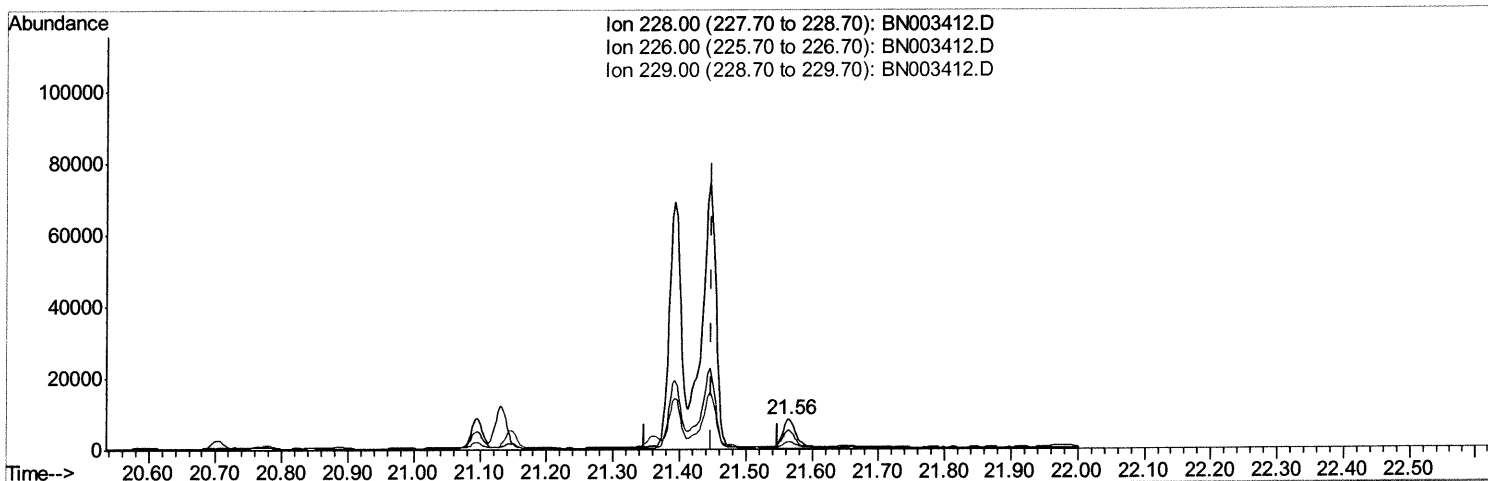
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(19) Chrysene

21.565min (+0.117) 0.07ng/ul

response 10801

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.70 | 63.52# |
| 229.00 | 19.40 | 24.44# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

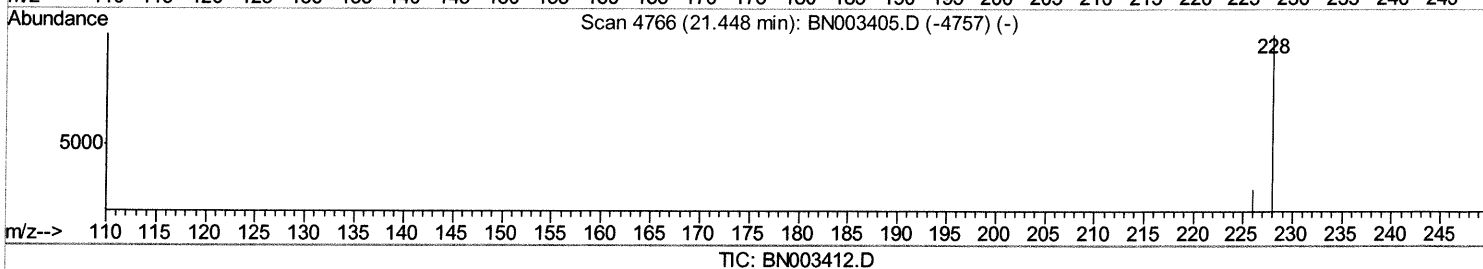
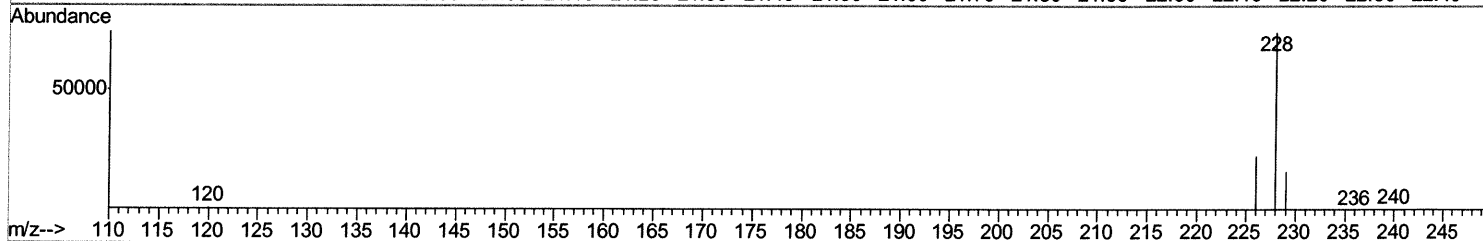
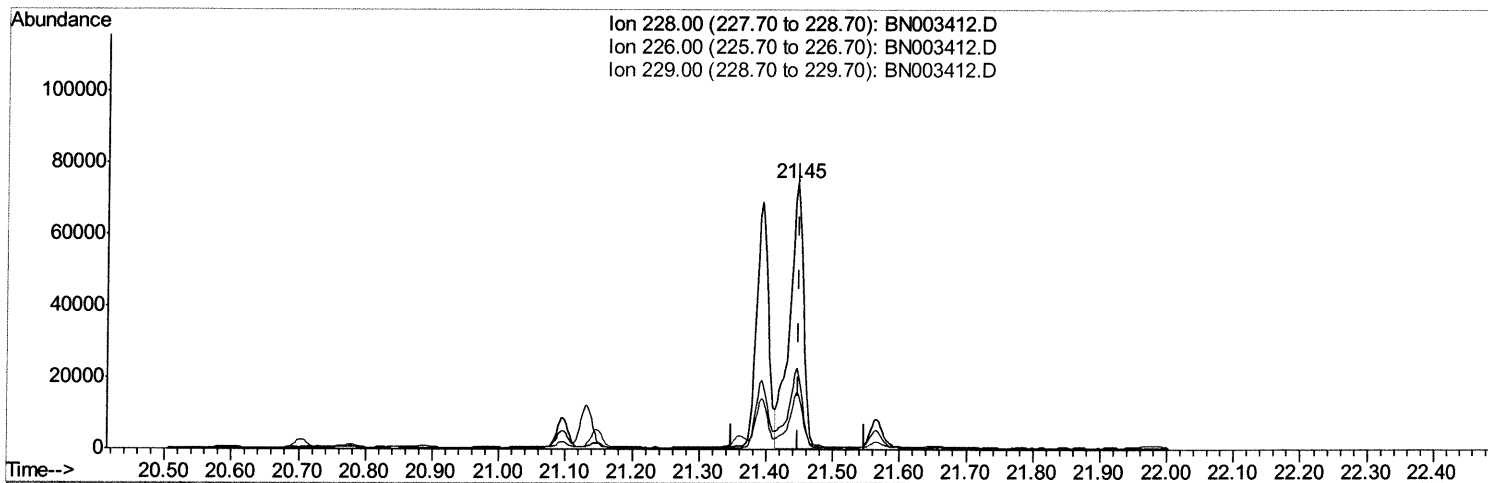
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(19) Chrysene

21.445min (-0.003) 0.66ng/ul m> SJ 11/12/18

response 108247

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.70 | 30.41 |
| 229.00 | 19.40 | 21.39 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

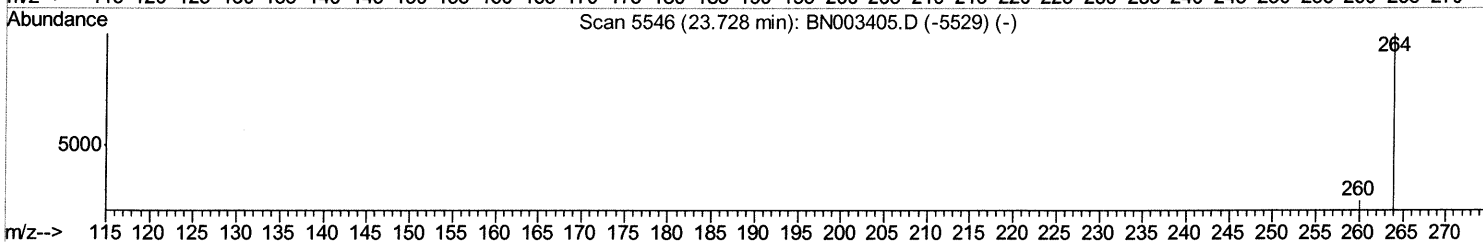
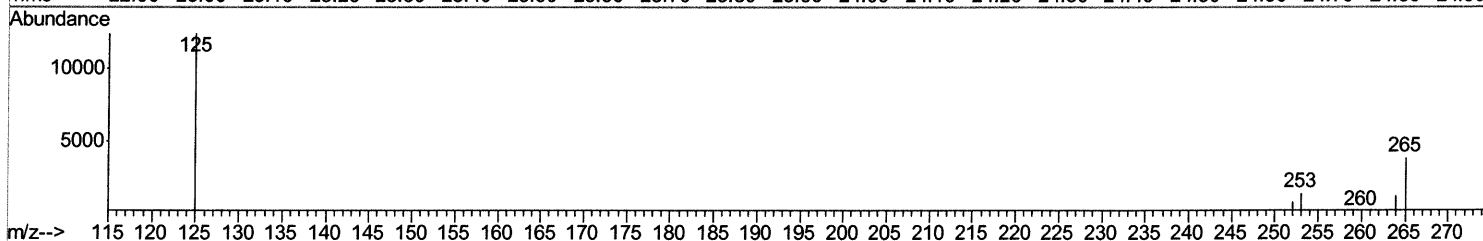
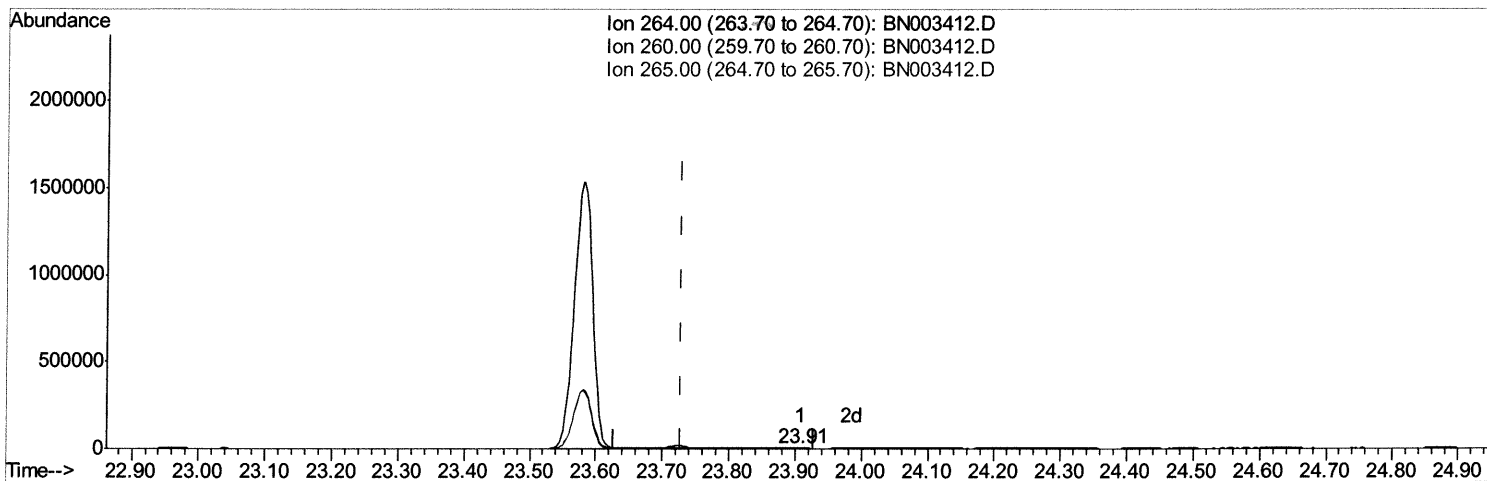
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(20) Perylene-d12 (I)

23.909min (+0.181) 0.40ng/ul

response 1640

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 264.00 | 100   | 100     |
| 260.00 | 25.60 | 23.85   |
| 265.00 | 33.70 | 309.35# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

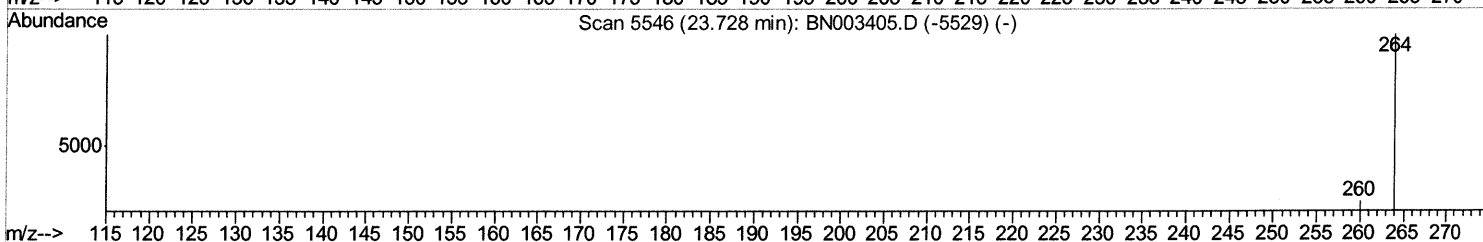
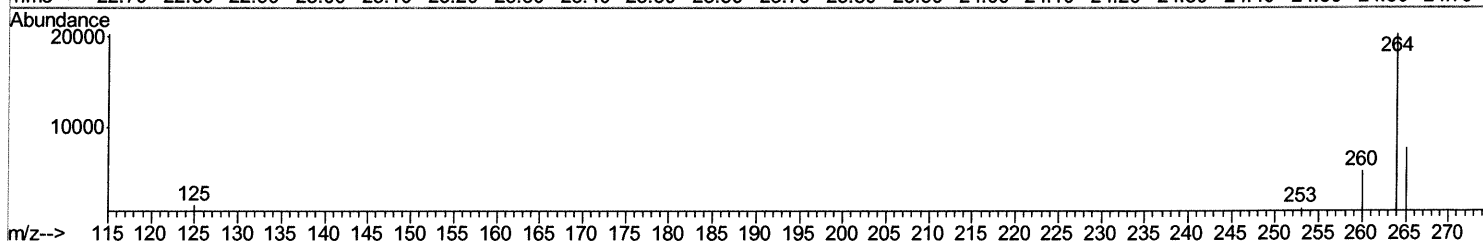
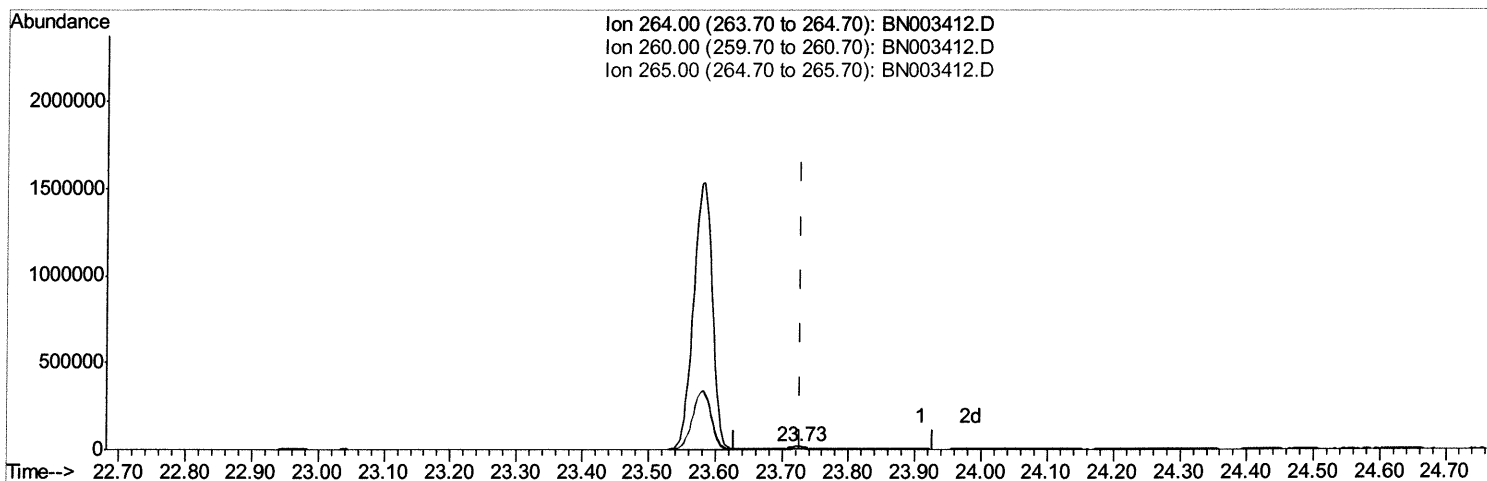
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(20) Perylene-d12 (I)

23.725min (-0.003) 0.40ng/ul m> SJ 11/12/18

response 35907

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 25.60 | 25.83 |
| 265.00 | 33.70 | 38.61 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

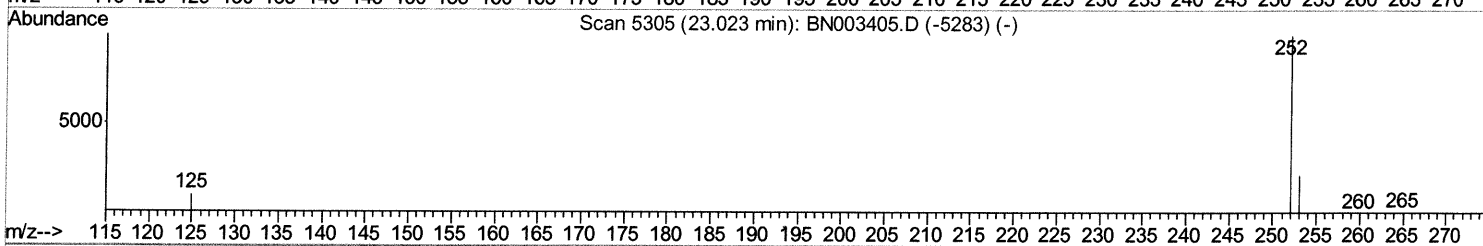
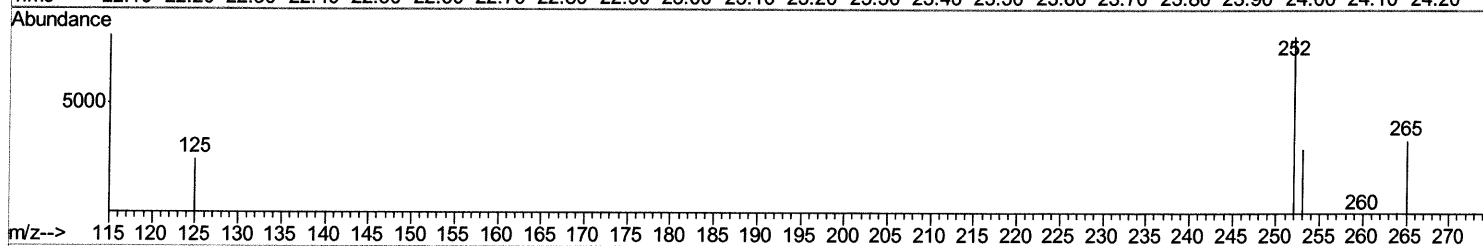
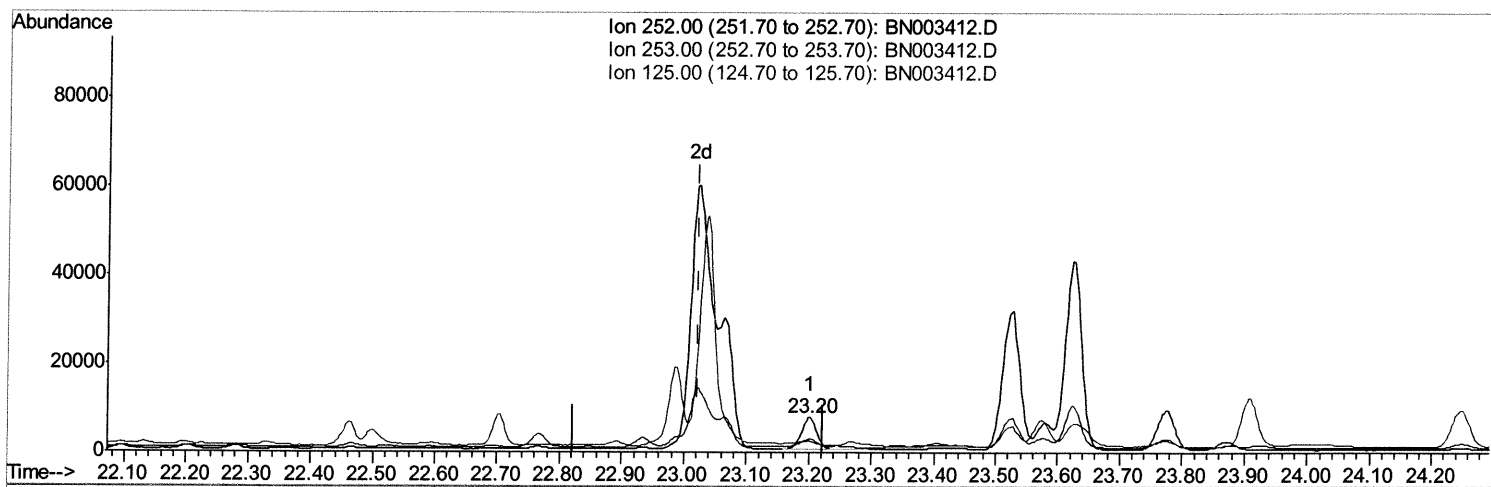
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(21) Benzo(b)fluoranthene

23.202min (+0.178) 0.08ng/ul

response 12627

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 38.48  |
| 125.00 | 10.90 | 32.58# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

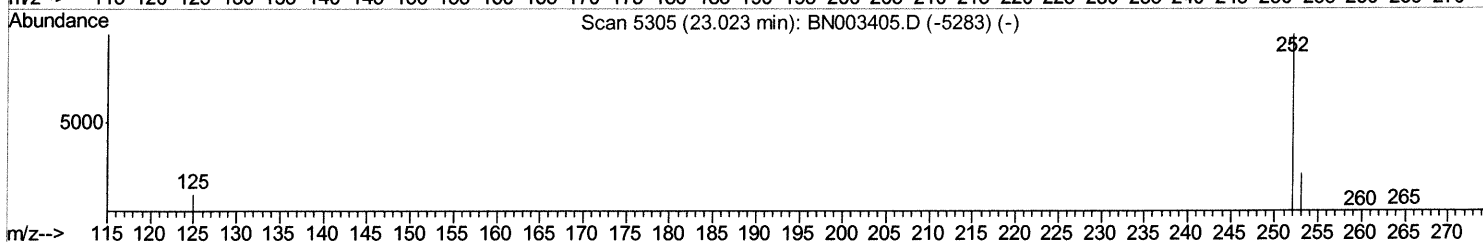
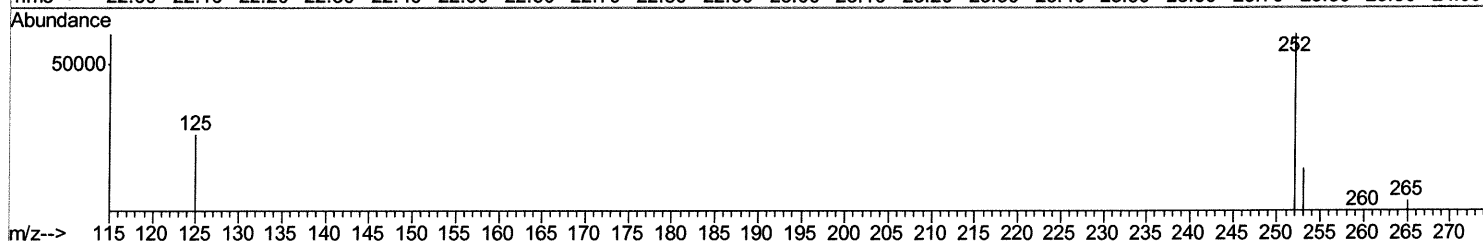
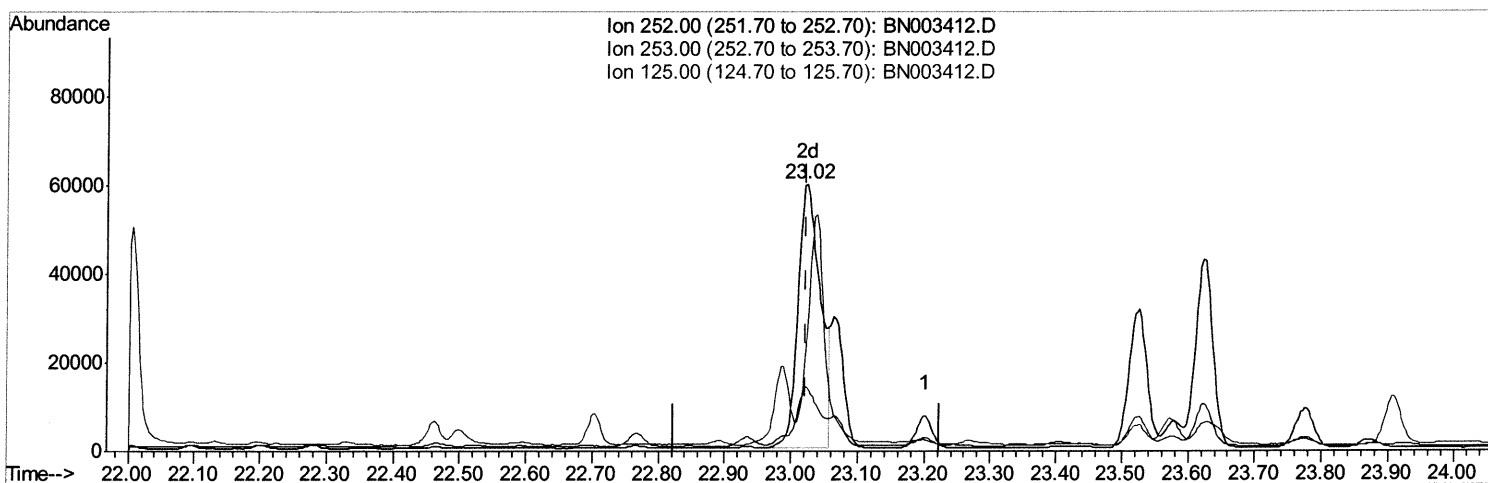
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(21) Benzo(b)fluoranthene

23.023min (-0.000) 0.88ng/ul m> SJ 11/12/18

response 136660

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 24.06  |
| 125.00 | 10.90 | 43.30# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

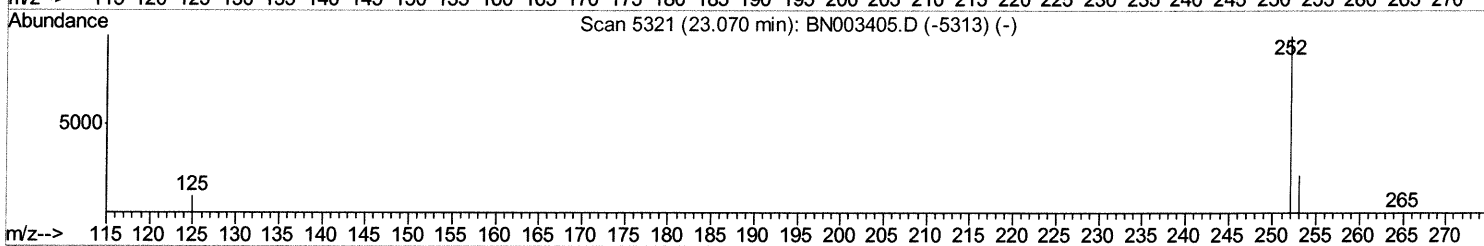
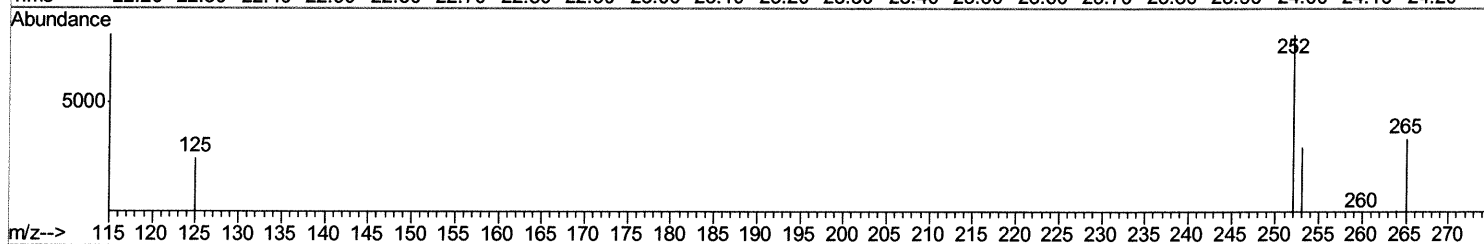
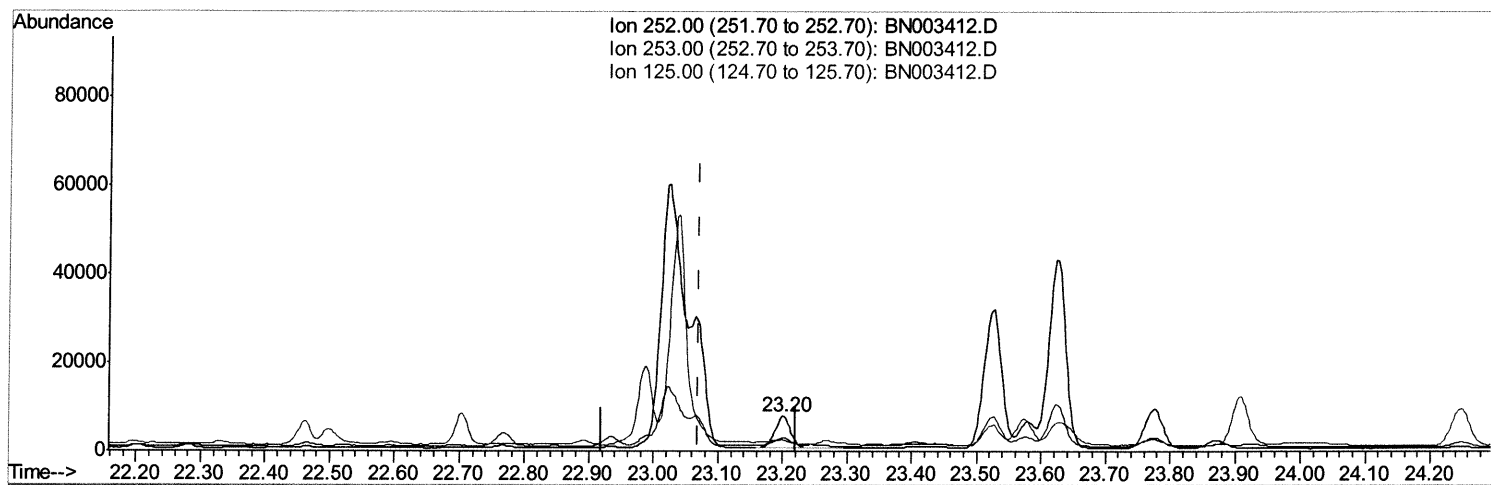
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(22) Benzo(k)fluoranthene

23.202min (+0.131) 0.08ng/ul

response 12627

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 38.48# |
| 125.00 | 10.80 | 32.58# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

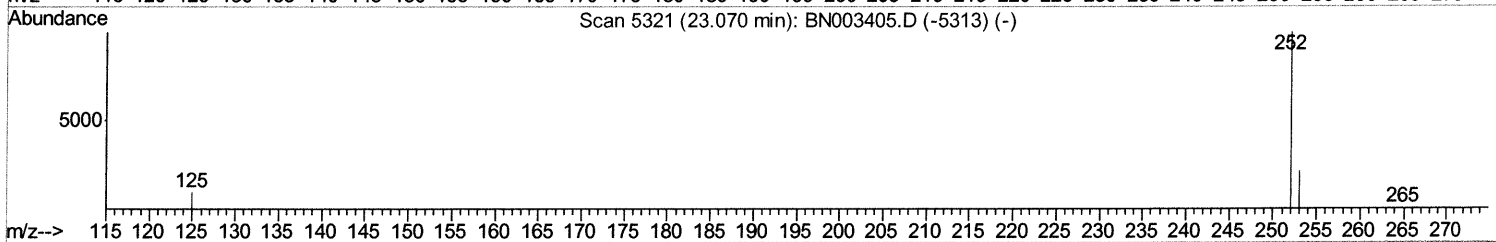
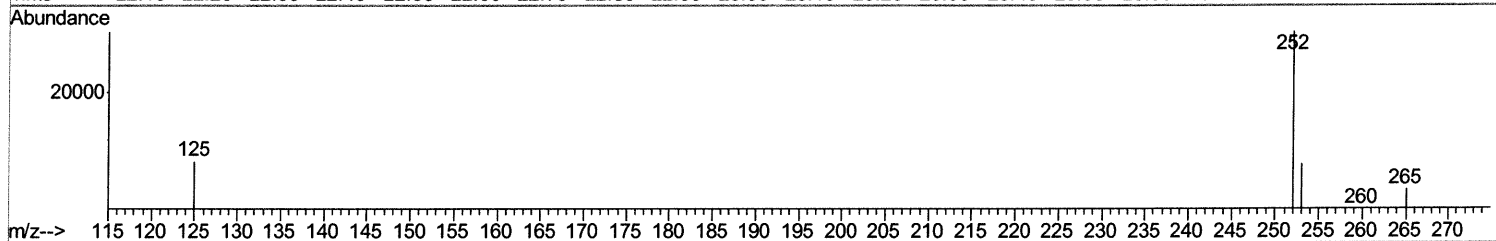
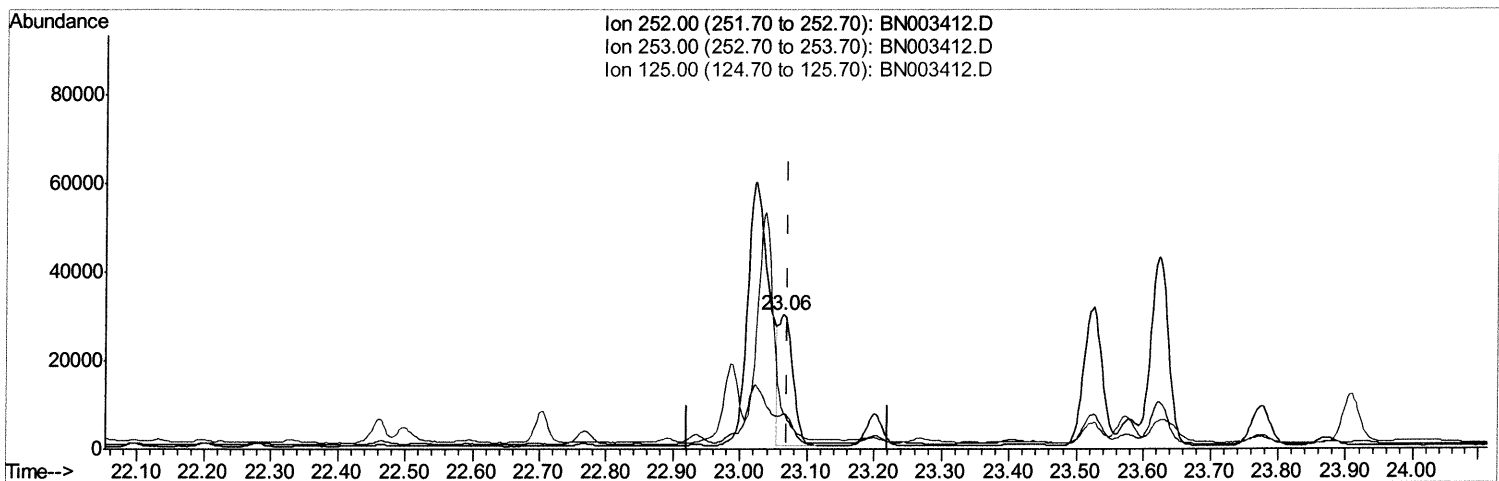
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(22) Benzo(k)fluoranthene

23.064min (-0.006) 0.31ng/ul m) SJ 11/12/18

response 46034

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 25.89  |
| 125.00 | 10.80 | 27.41# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

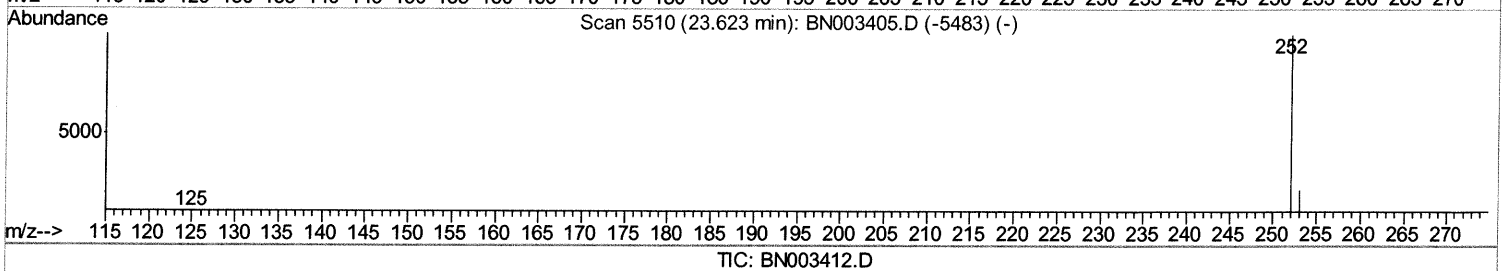
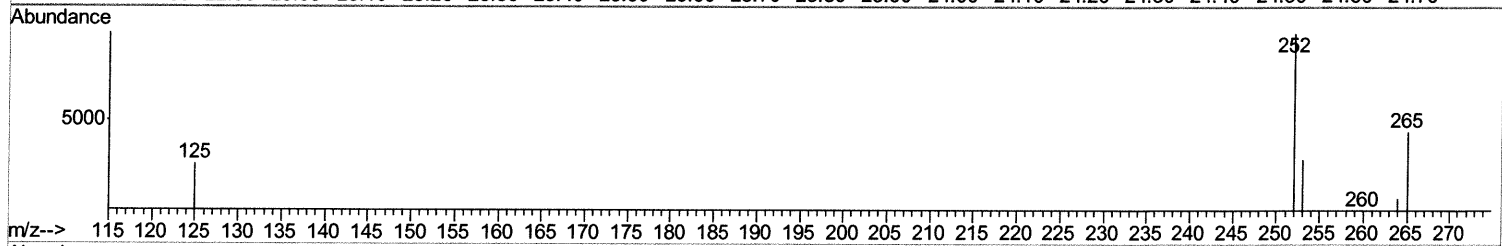
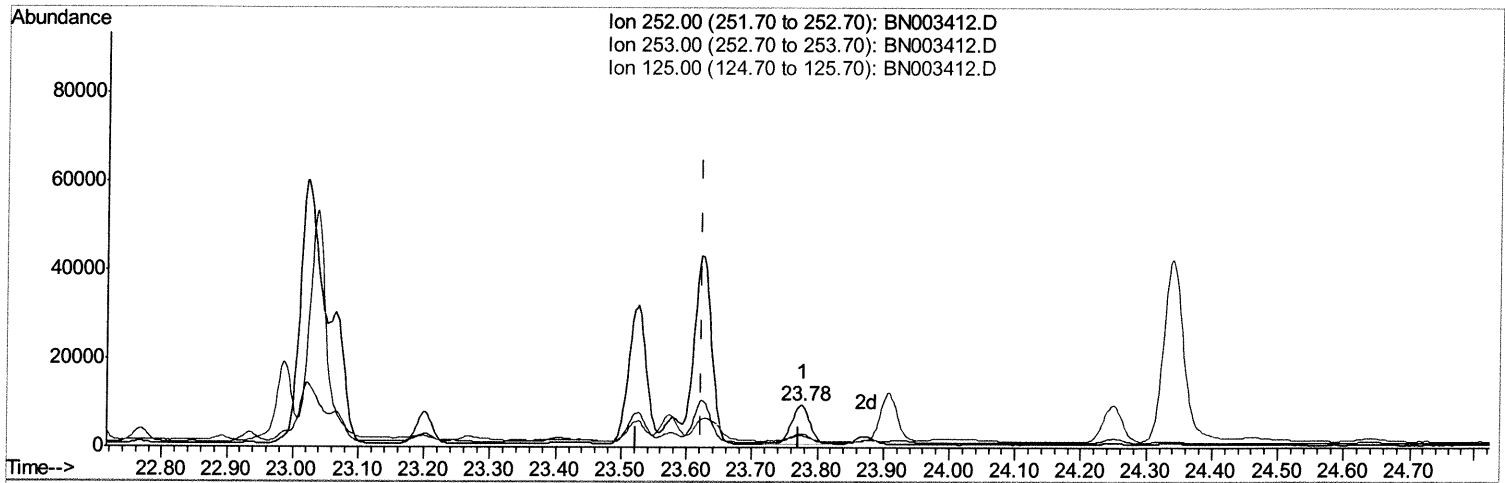
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.778min (+0.155) 0.13ng/ul

response 17418

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.10 | 31.81# |
| 125.00 | 12.40 | 28.63# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

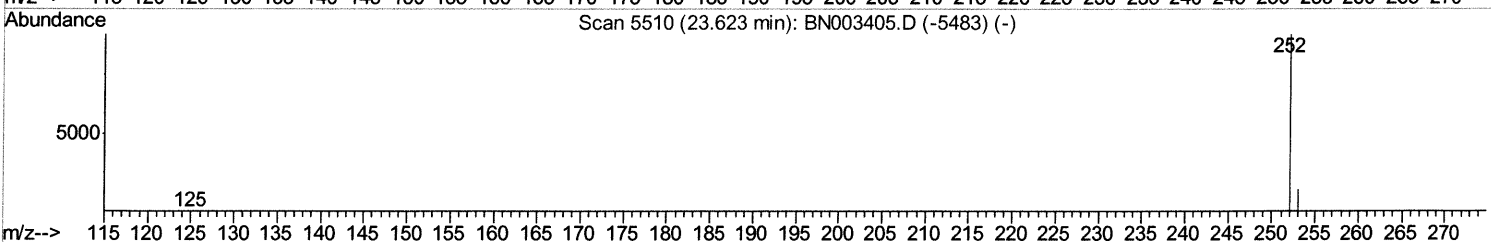
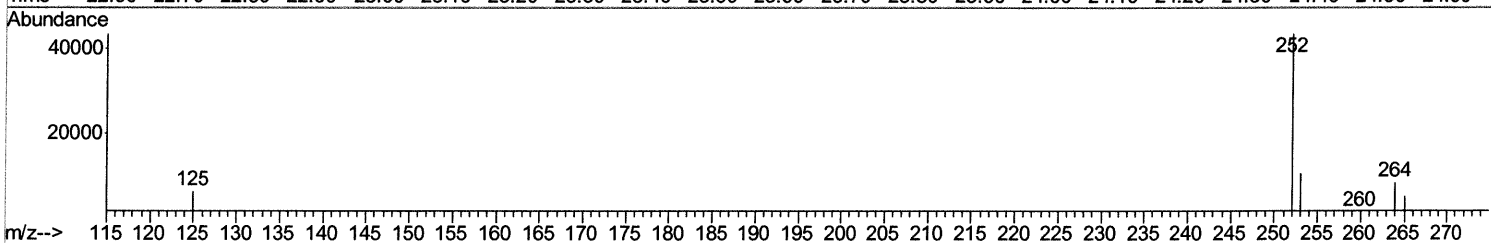
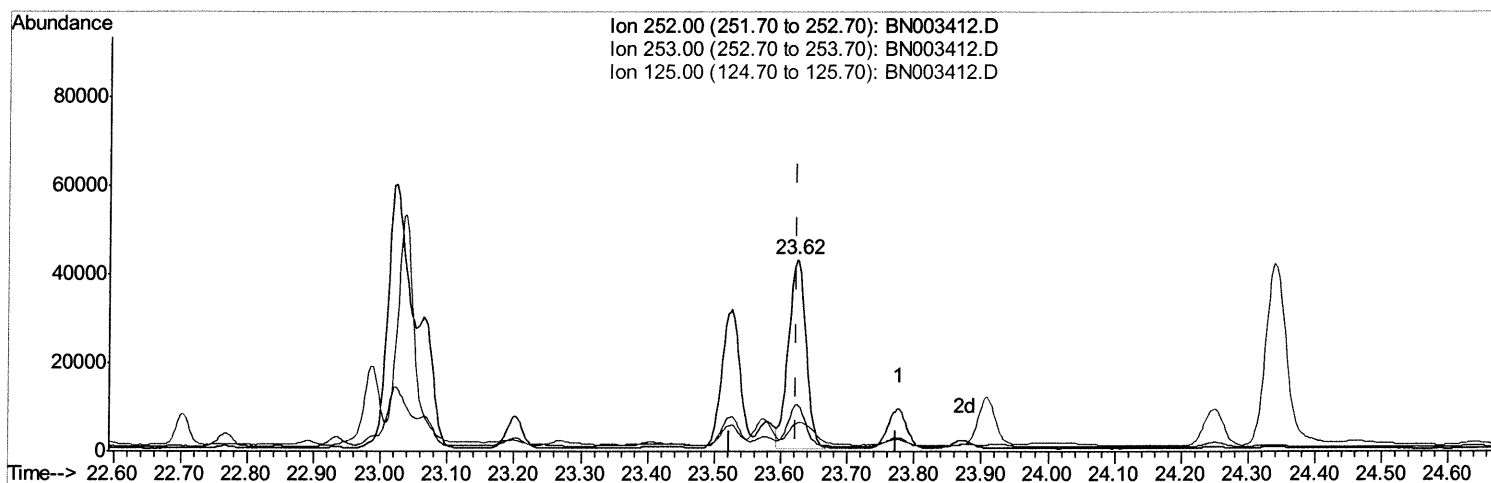
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(23) Benzo(a)pyrene (C)

23.623min (-0.000) 0.61ng/ul m > SJ 11/12/18

response 79026

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 24.43 |
| 125.00 | 12.40 | 14.83 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

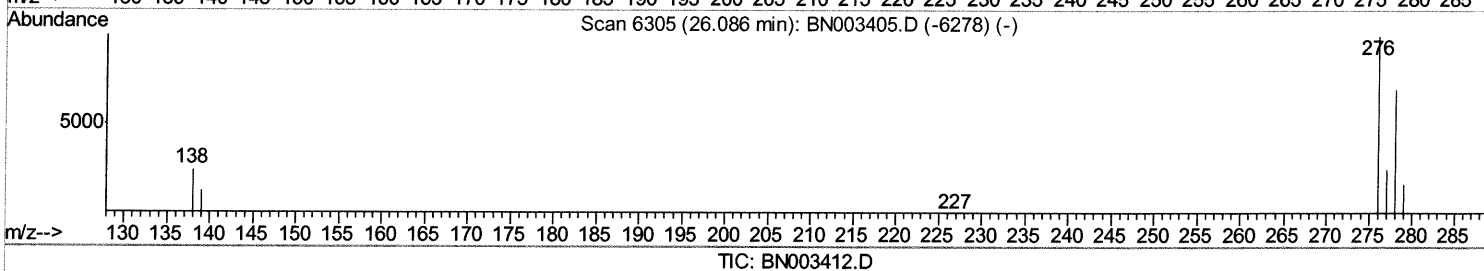
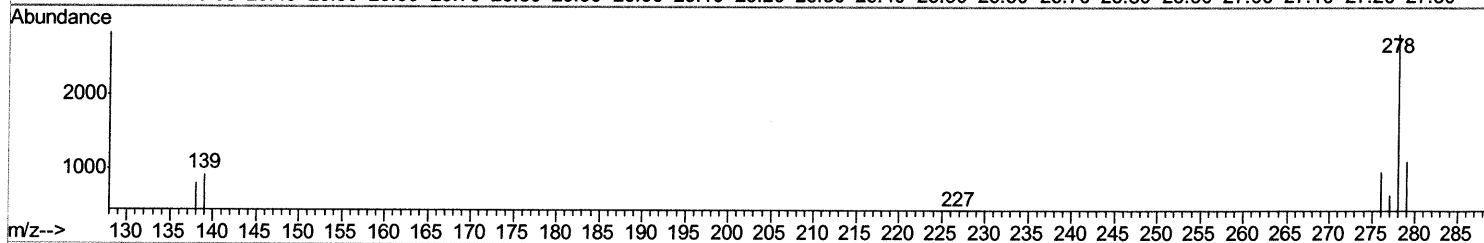
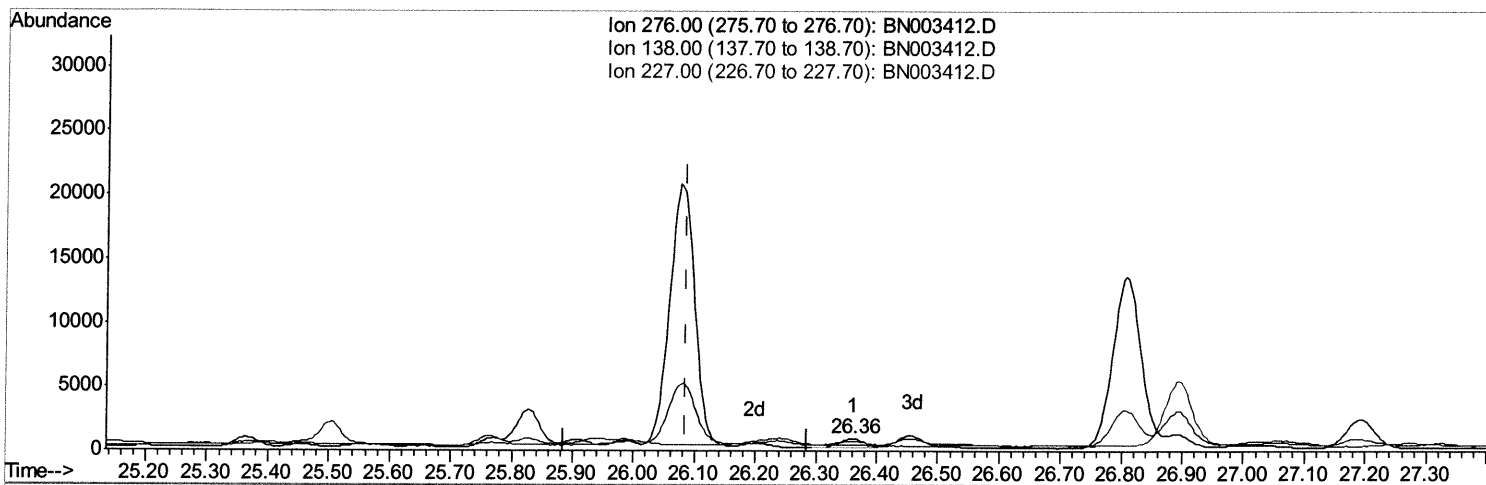
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

26.361min (+0.275) 0.01ng/ul

response 2018

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 24.80 | 42.52# |
| 227.00 | 0.20  | 0.00#  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

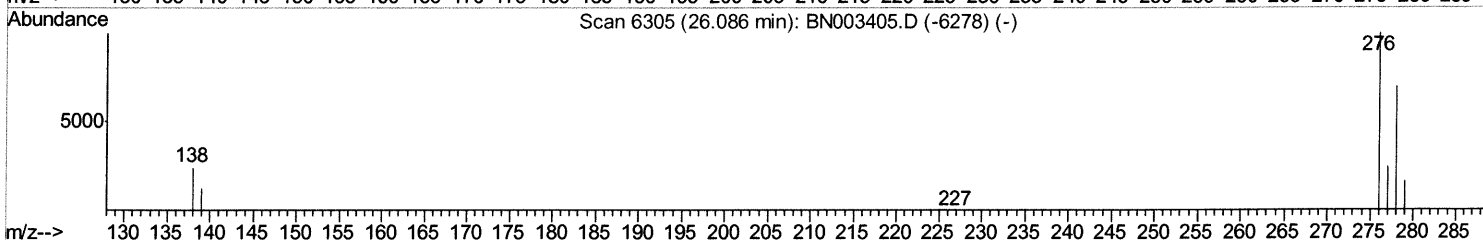
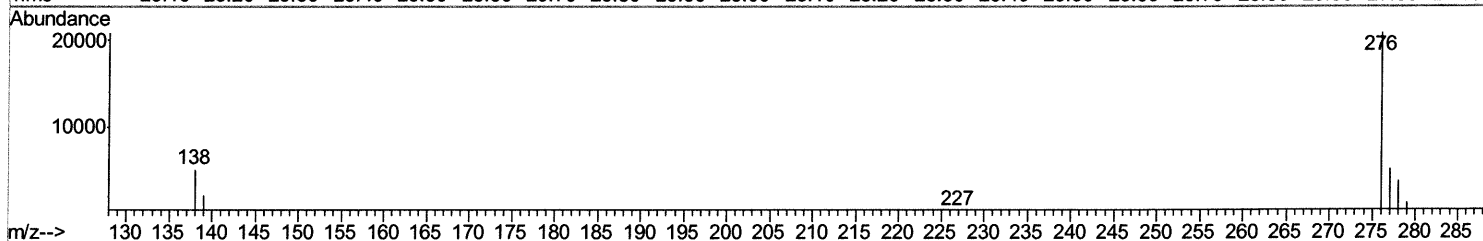
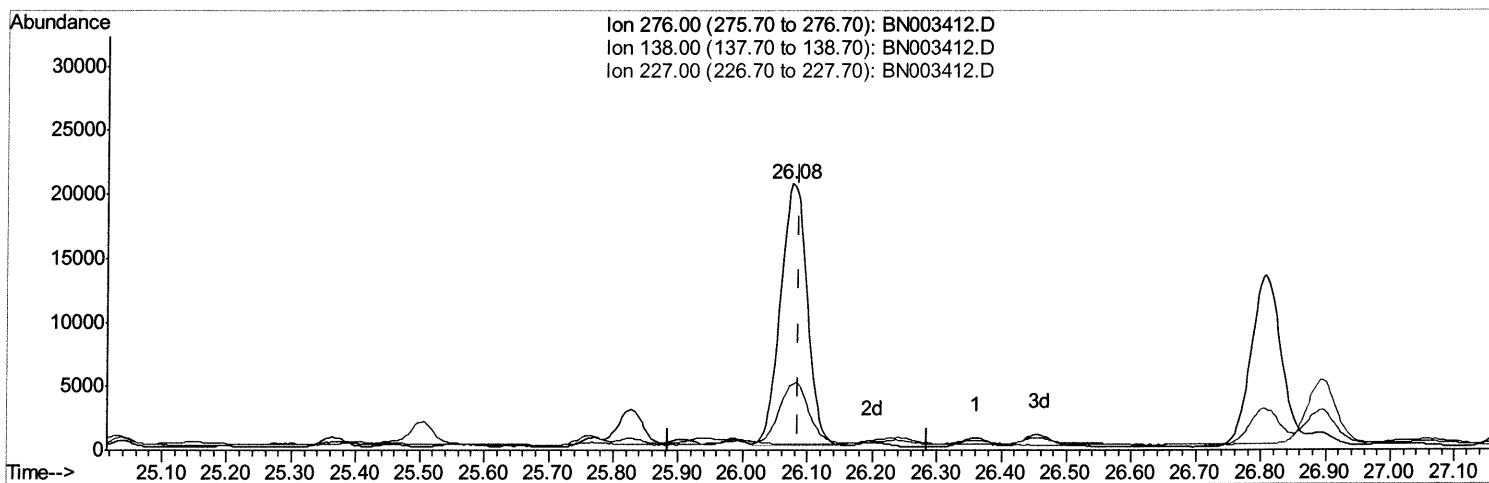
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

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11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(24) Indeno(1,2,3-cd)pyrene

26.076min (-0.010) 0.43ng/ul m) SD 11/12/18

response 59143

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 24.80 | 1.45# |
| 227.00 | 0.20  | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

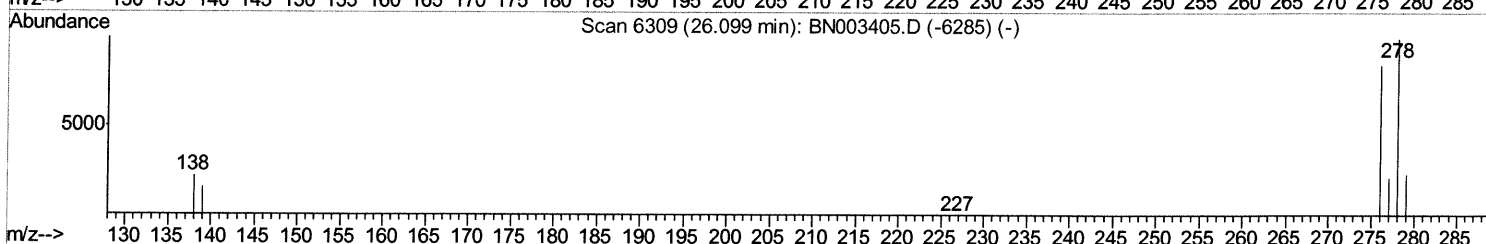
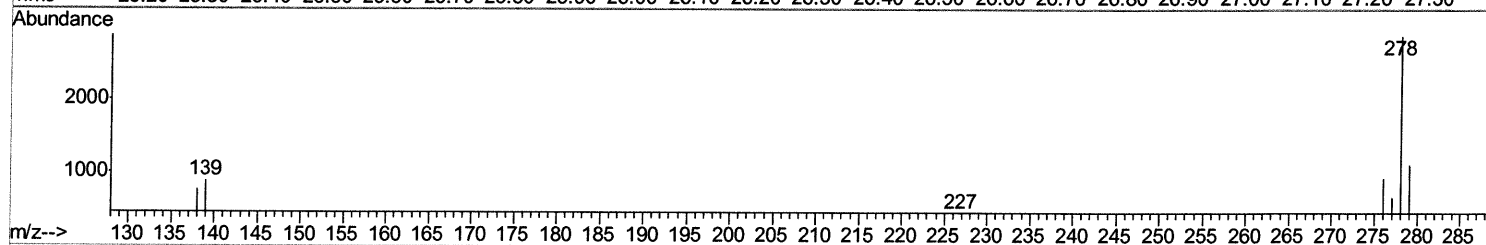
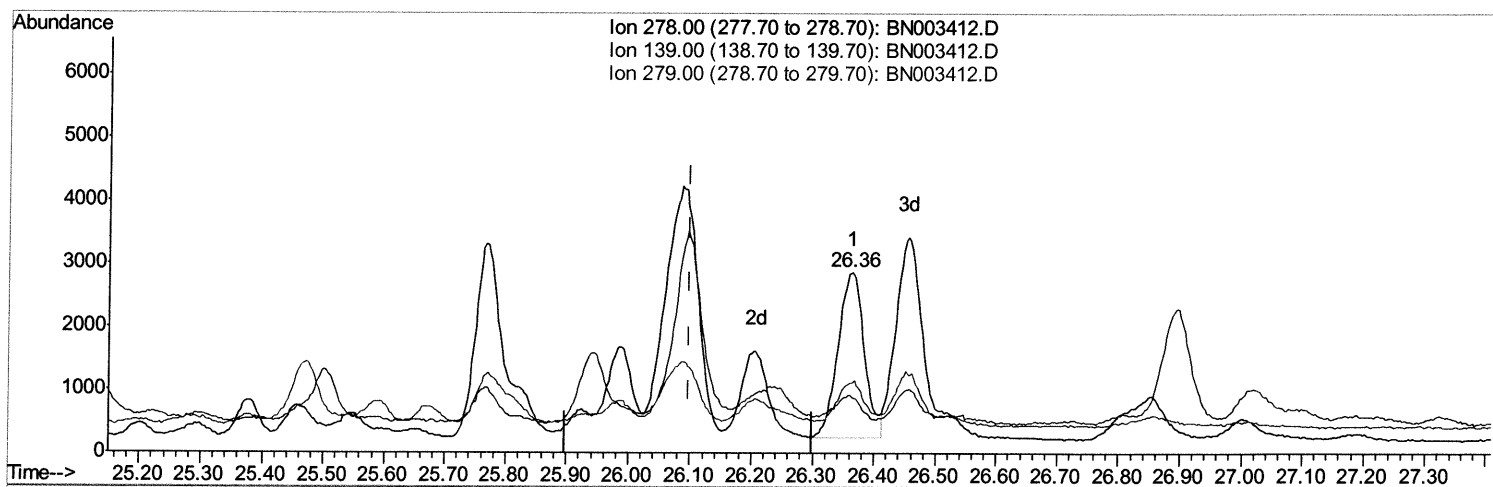
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(25) Dibenzo(a,h)anthracene

26.364min (+0.265) 0.07ng/ul

response 7720

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 16.40 | 30.89# |
| 279.00 | 24.40 | 39.12# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

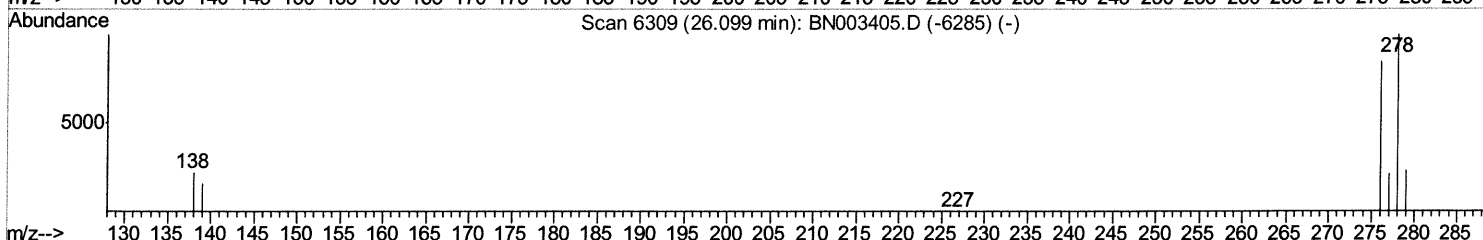
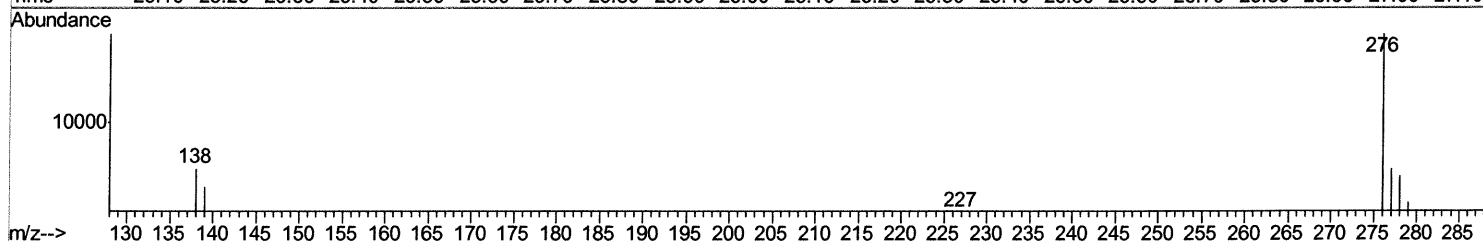
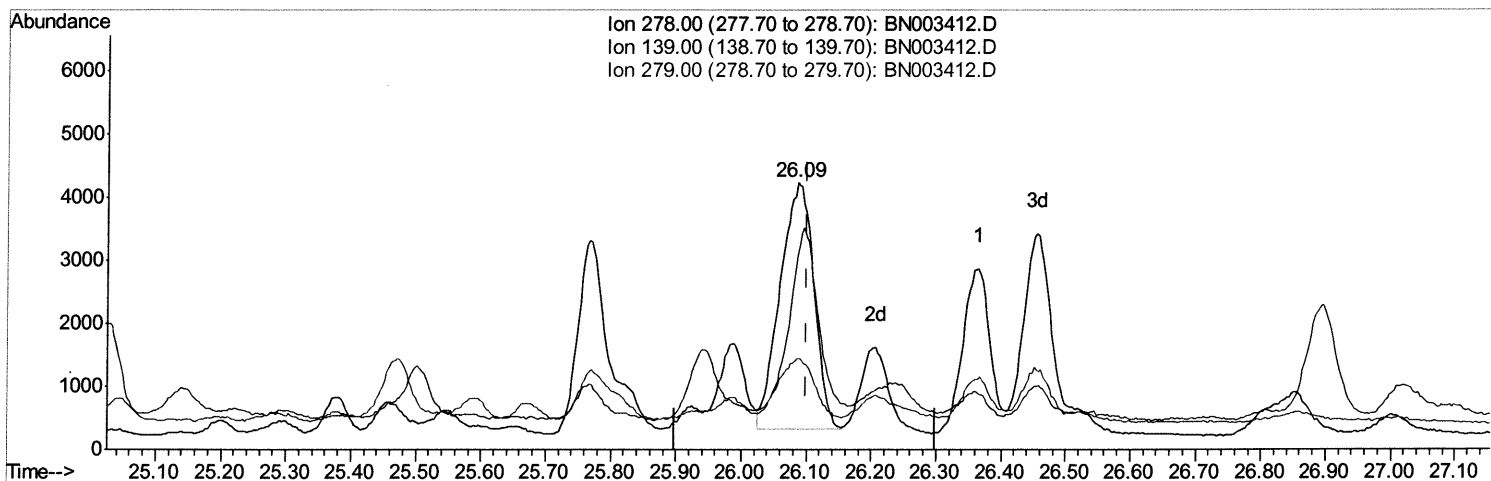
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(25) Dibenzo(a,h)anthracene

26.086min (-0.013) 0.13ng/ul m) SJ 11/12/18

response 14102

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 16.40 | 72.95# |
| 279.00 | 24.40 | 34.07# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

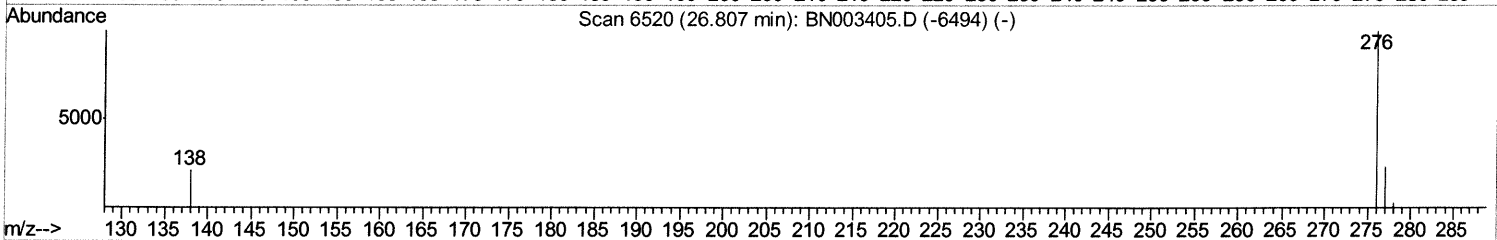
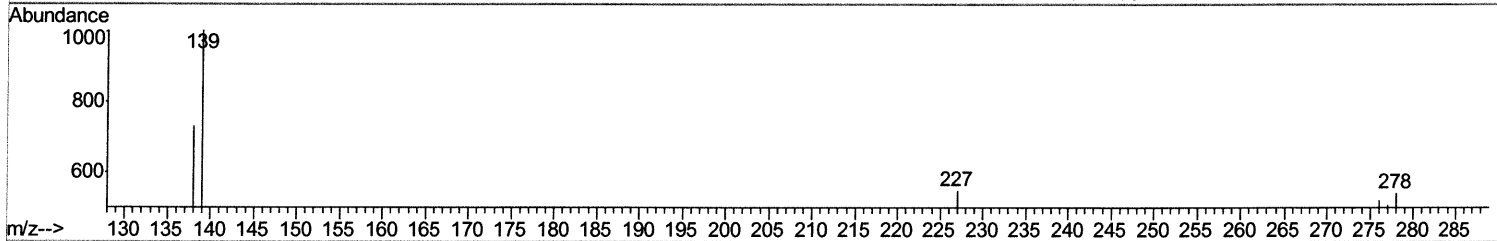
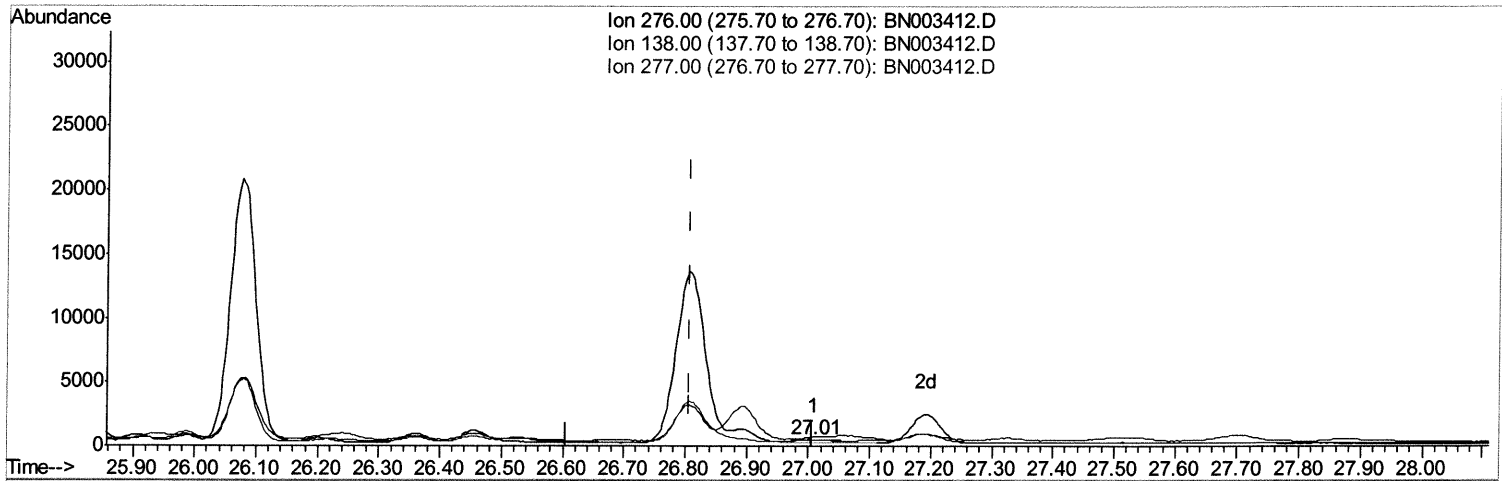
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
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Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(26) Benzo(g,h,i)perylene  
27.008min (+0.201) 0.01ng/ul  
response 1168  
Ion Exp% Act%  
276.00 100 100  
138.00 21.30 140.23#  
277.00 24.00 97.51#  
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110218\  
Quantitation Report (Qedit)

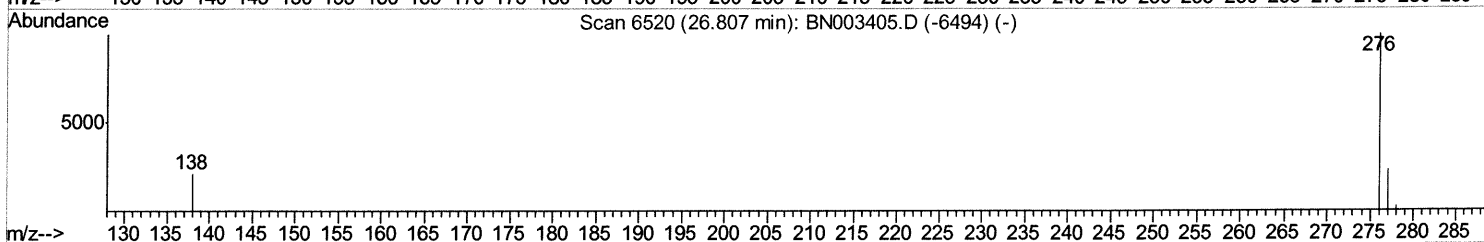
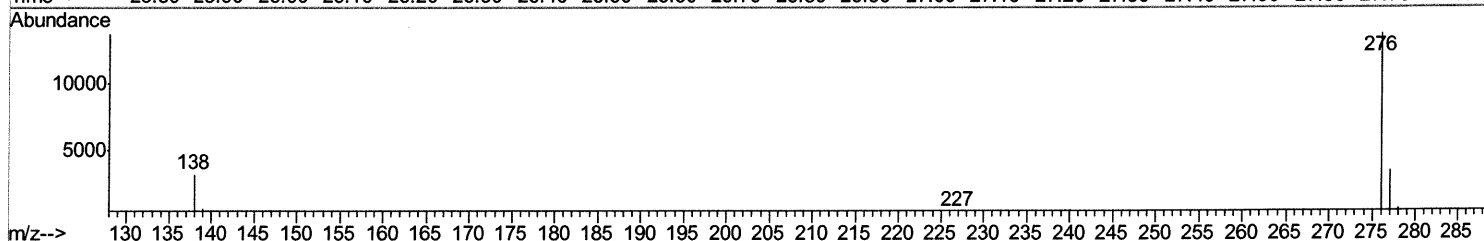
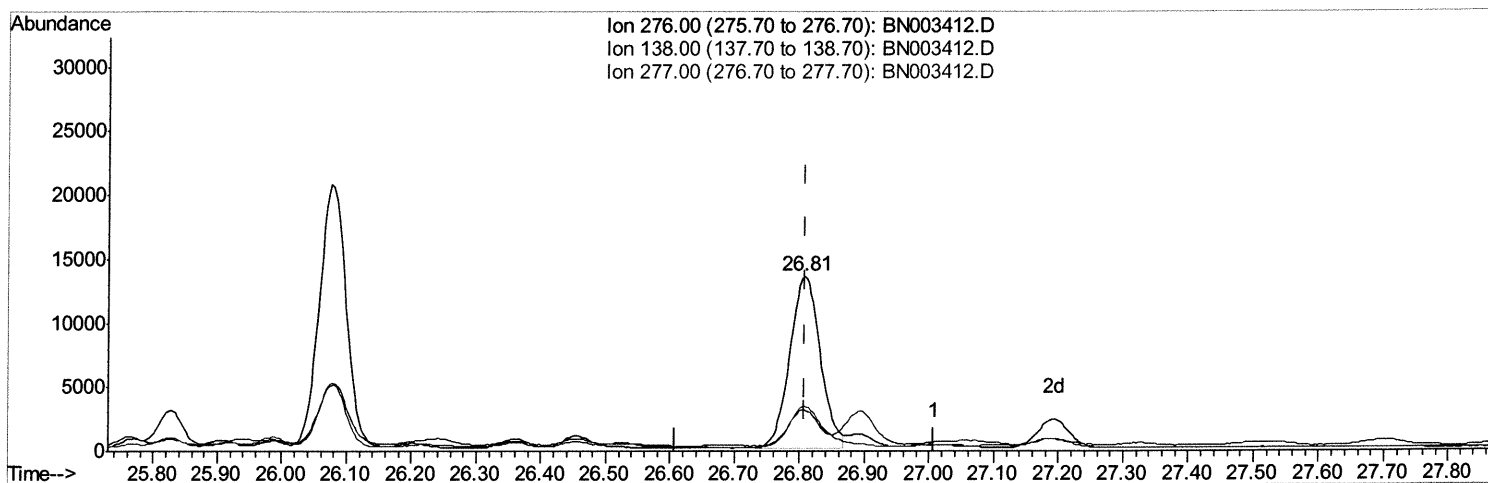
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

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11/5/2018 4:09:19 PM

Quant Time: Nov 03 00:55:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration



TIC: BN003412.D

(26) Benzo(g,h,i)perylene

26.807min (-0.000) 0.37ng/ul m) SJ 11/12/18

response 43908

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 21.30 | 23.45 |
| 277.00 | 24.00 | 25.57 |
| 0.00   | 0.00  | 0.00  |

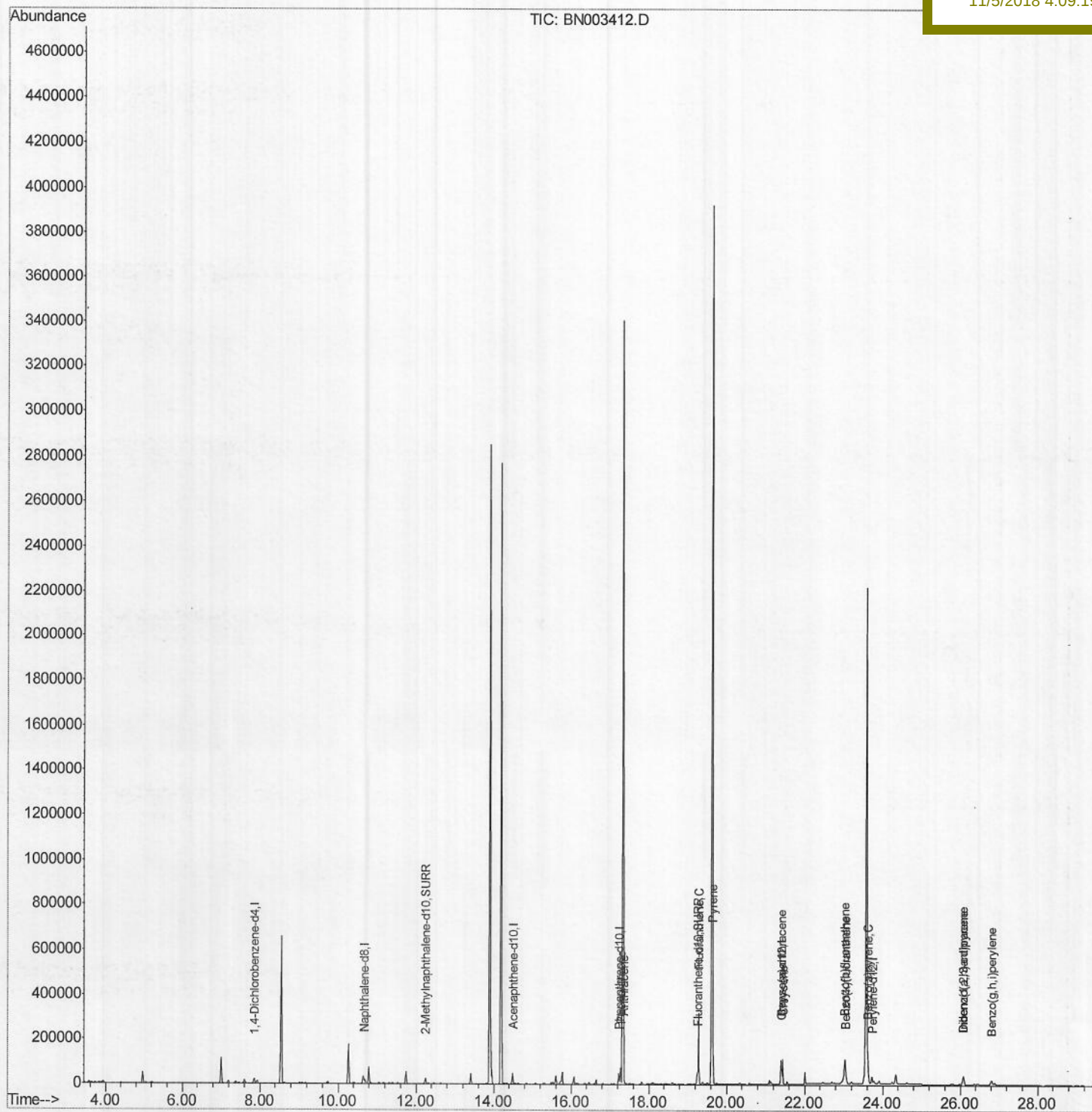
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN110218\  
Data File : BN003412.D  
Acq On : 02 Nov 2018 20:26  
Operator : MJ/SJ  
Sample : J5704-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 15 15:38:02 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 02 23:49:03 2018  
Response via : Initial Calibration

Instrument :  
BNA\_N  
ClientSampleId :  
A40H3

Manual Integrations  
APPROVED

Sohil  
11/5/2018 4:09:19 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN110218\  
 Data File : BN003412.D  
 Acq On : 02 Nov 2018 20:26  
 Operator : MJ/SJ  
 Sample : J5704-16  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A40H3

Manual Integrations  
 APPROVED

Sohil  
 11/5/2018 4:09:19 PM

Quant Time: Nov 15 15:38:02 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 02 23:49:03 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.86  | 152  | 10070    | 0.40  | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.65 | 136  | 42636    | 0.40  | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.49 | 164  | 26006    | 0.40  | ng/ul | 0.00     |
| 10) Phenanthrene-d10        | 17.23 | 188  | 57503m   | 0.40  | ng/ul | 0.00     |
| 16) Chrysene-d12            | 21.41 | 240  | 45917m   | 0.40  | ng/ul | 0.00     |
| 20) Perylene-d12            | 23.73 | 264  | 35907m   | 0.40  | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Methylnaphthalene-d10  | 12.24 | 152  | 28919    | 0.42  | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.25 | 212  | 67666m   | 0.42  | ng/ul | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 12) Phenanthrene            | 17.27 | 178  | 75630m   | 0.401 | ng/ul | Ovalue   |
| 13) Anthracene              | 17.36 | 178  | 9836m    | 0.064 | ng/ul |          |
| 15) Fluoranthene            | 19.29 | 202  | 250830m  | 1.183 | ng/ul |          |
| 17) Pyrene                  | 19.65 | 202  | 191975m  | 1.149 | ng/ul |          |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 86877m   | 0.603 | ng/ul |          |
| 19) Chrysene                | 21.45 | 228  | 108247m  | 0.662 | ng/ul |          |
| 21) Benzo(b)fluoranthene    | 23.02 | 252  | 136660m  | 0.883 | ng/ul |          |
| 22) Benzo(k)fluoranthene    | 23.06 | 252  | 46034m   | 0.307 | ng/ul |          |
| 23) Benzo(a)pyrene          | 23.62 | 252  | 79026m   | 0.612 | ng/ul |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.08 | 276  | 59143m   | 0.428 | ng/ul |          |
| 25) Dibenzo(a,h)anthracene  | 26.09 | 278  | 14102m   | 0.125 | ng/ul | Ovalue   |
| 26) Benzo(g,h,i)perylene    | 26.81 | 276  | 43908m   | 0.370 | ng/ul |          |

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

SJ  
 11/12/18