

# Quantitation Report (QT Reviewed)

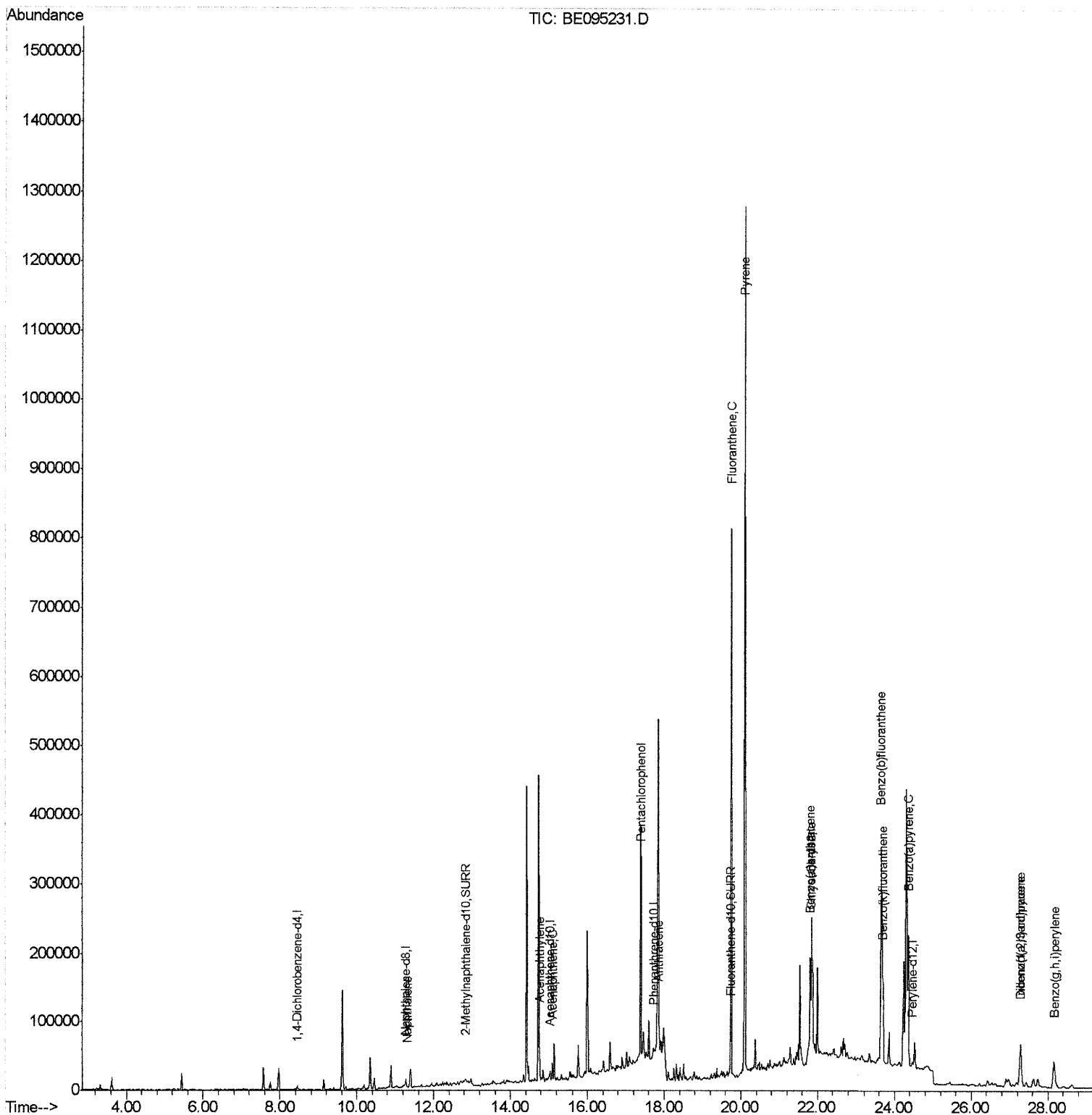
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:08:07 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

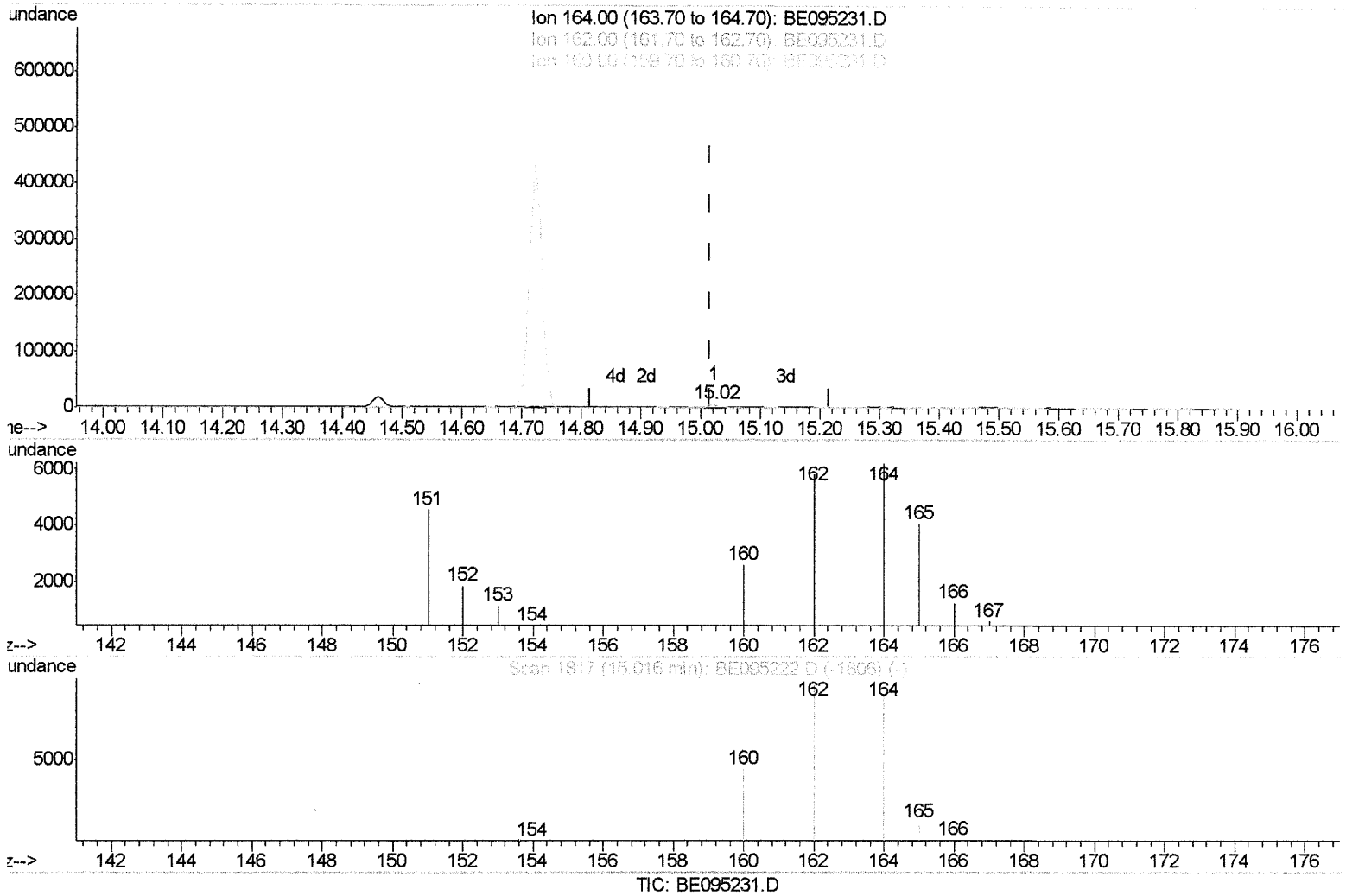
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 12:53:57 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(6) Acenaphthene-d10 (I)

15.023min (+0.007) 0.40ng/ul

response 8405

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 164.00 | 100   | 100   |
| 162.00 | 98.60 | 93.96 |
| 160.00 | 48.80 | 42.33 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

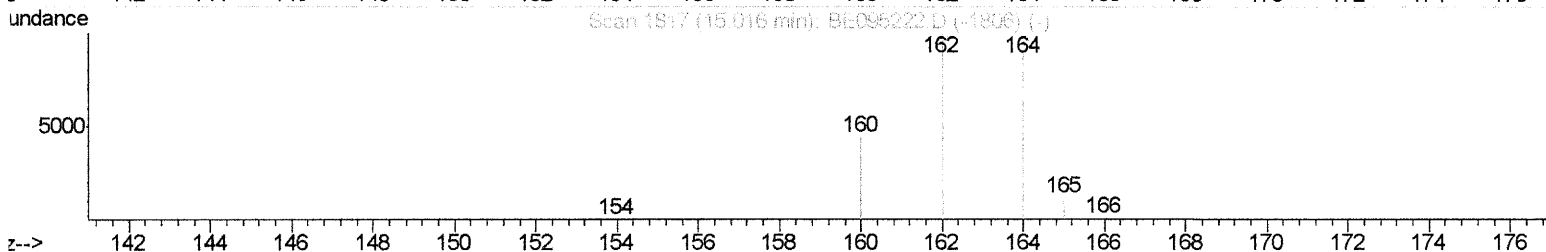
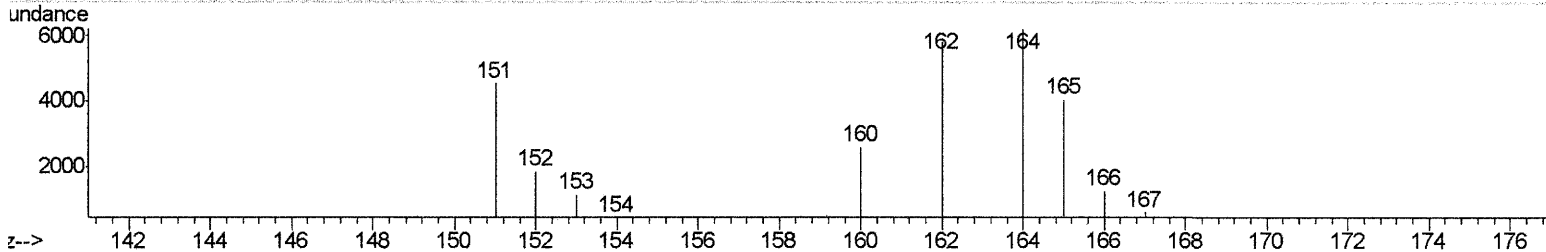
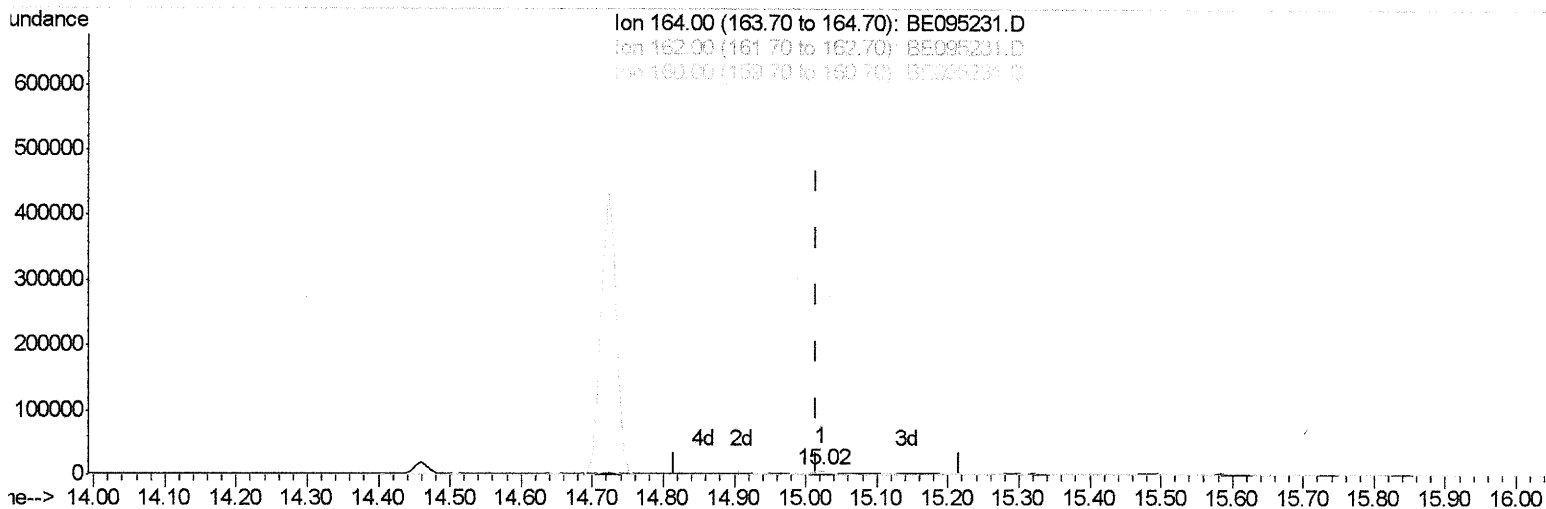
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 12:53:57 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



TIC: BE095231.D

(6) Acenaphthene-d10 (I)

15.023min (+0.007) 0.40ng/ul m

501/31/18

response 7758

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 164.00 | 100   | 100   |
| 162.00 | 98.60 | 93.96 |
| 160.00 | 48.80 | 42.33 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

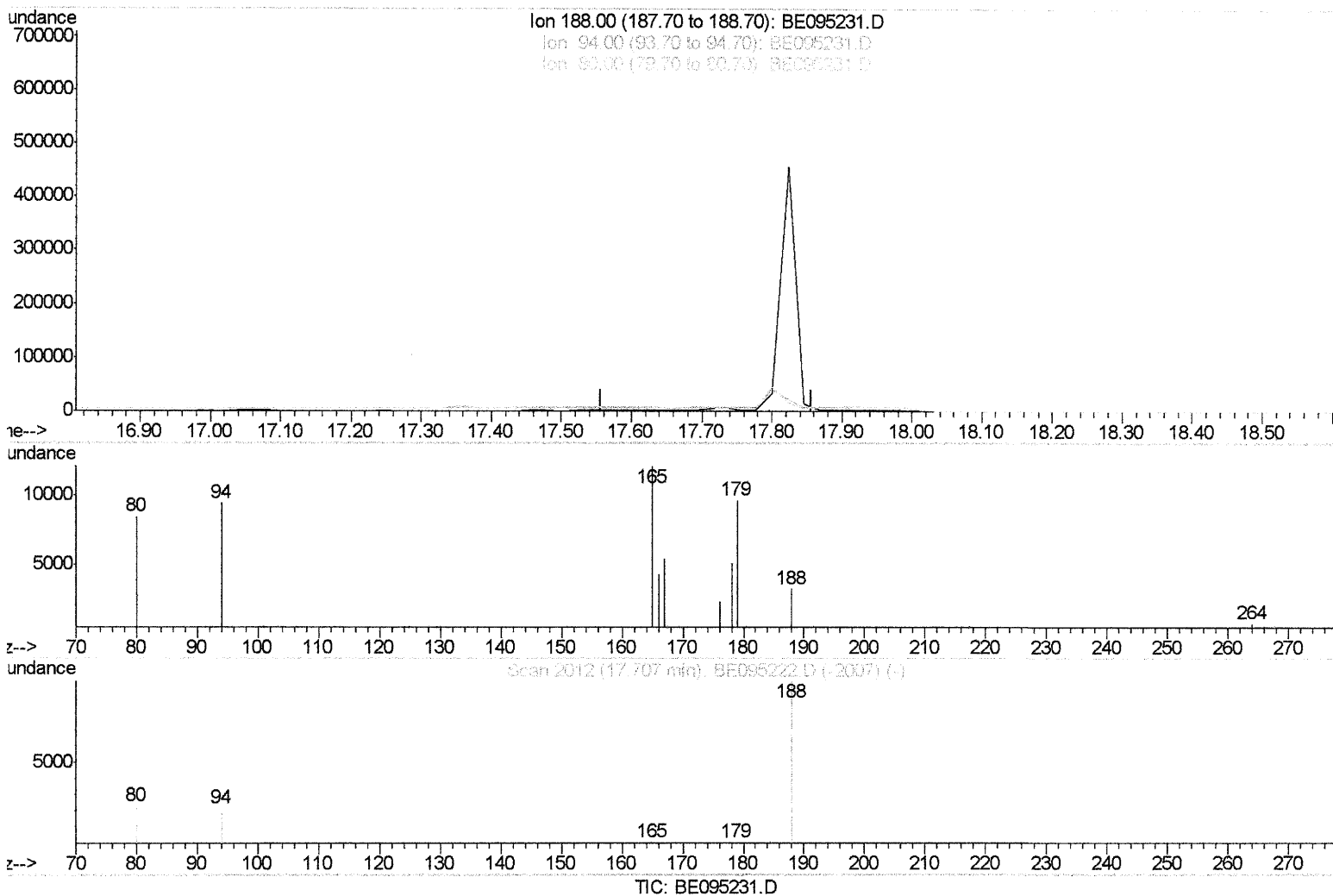
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
Data File : BE095231.D  
Acq On : 29 Jan 2018 5:38  
Operator : SJ/JU  
Sample : J1223-12  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_E  
Client Sampled :  
F6A98

Manual Integrations  
APPROVED

Sohil  
1/29/2018 6:26:13 PM

Quant Time: Jan 29 12:59:32 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 29 08:11:22 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.707min (-17.707) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 11.00 | 0.00# |
| 80.00  | 11.80 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

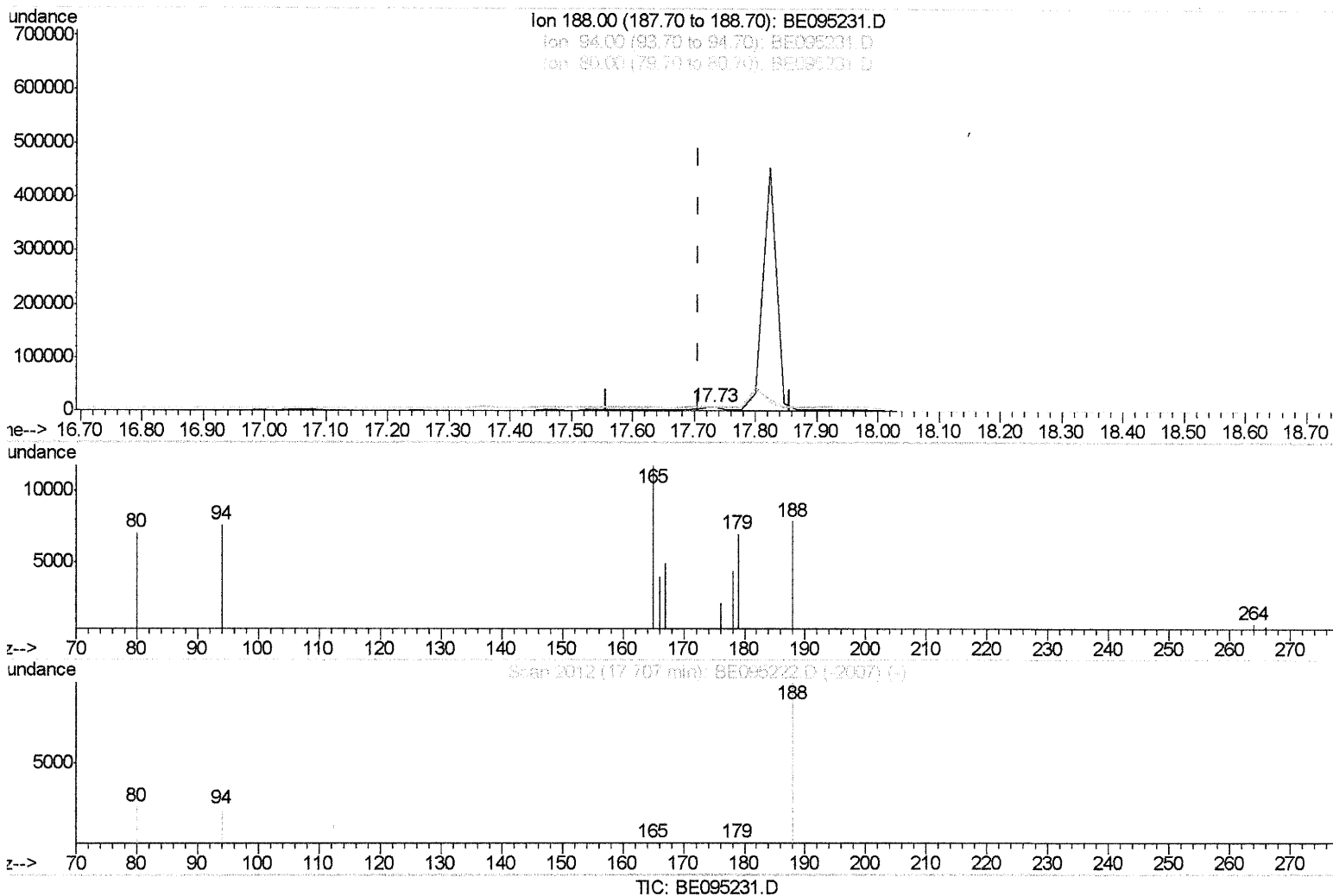
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 12:59:32 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.731min (+0.023) 0.40ng/ul m

*SJ 1/31/18*

response 17328

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 96.35# |
| 80.00  | 11.80 | 89.73# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

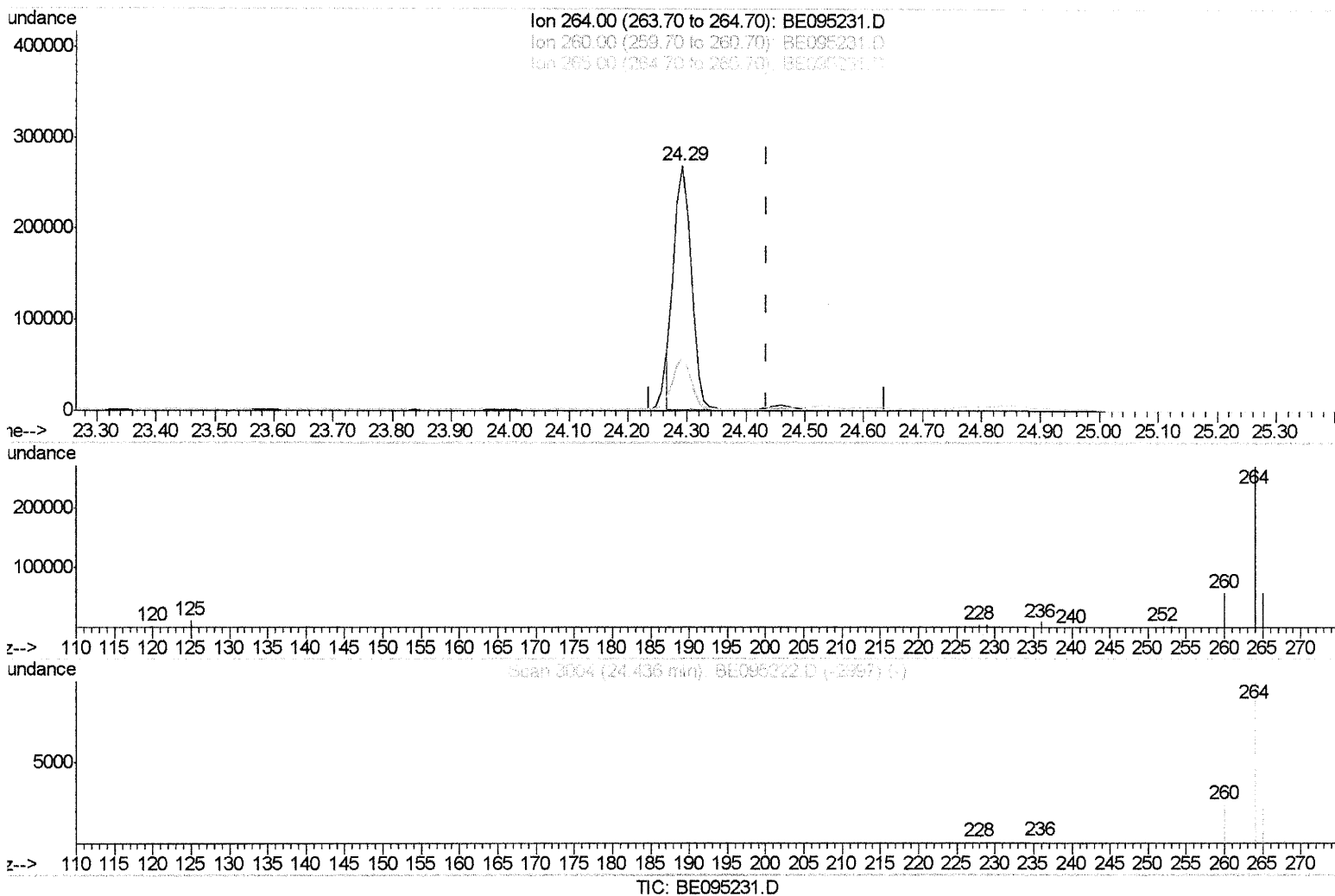
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:01:03 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.292min (-0.144) 0.40ng/ul

response 540745

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.79# |
| 265.00 | 103.50 | 22.02# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

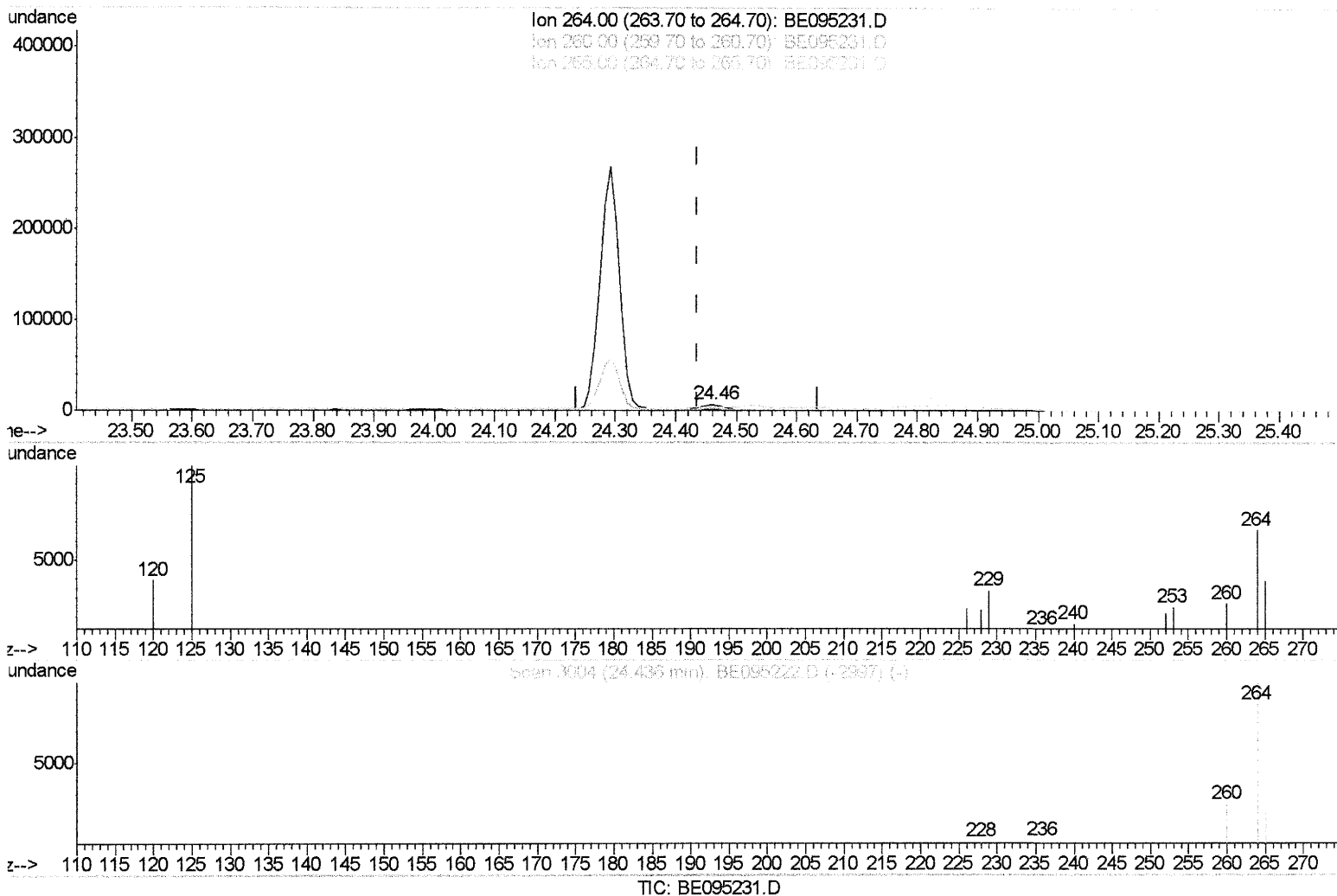
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.463min (+0.027) 0.40ng/ul m

5/31/18

response 12646

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 41.00# |
| 265.00 | 103.50 | 58.60# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

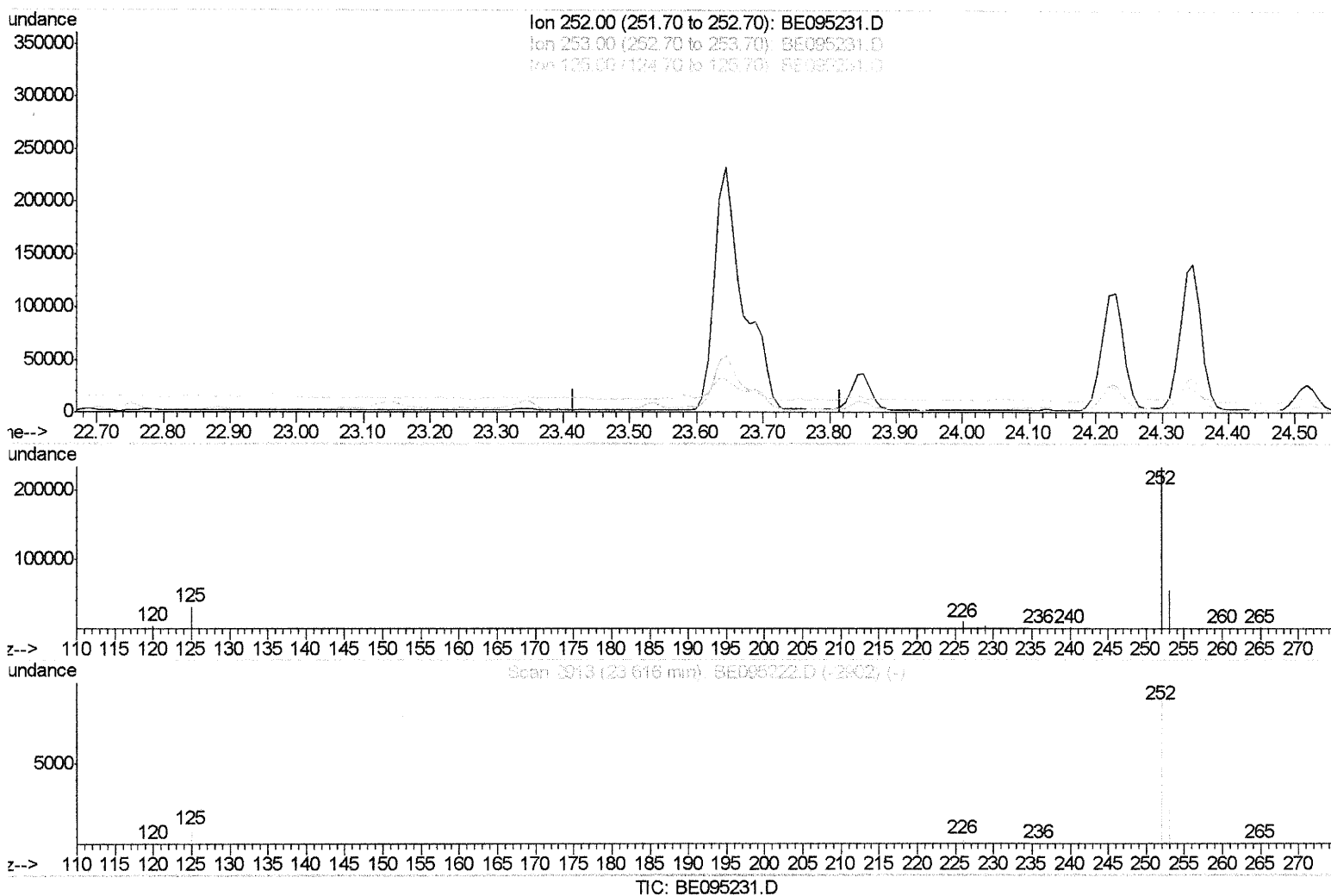
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.616min (-23.616) 0.00ng/ul

response 0

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 252.00 | 100   | 0.00 |
| 253.00 | 32.10 | 0.00 |
| 125.00 | 17.50 | 0.00 |
| 0.00   | 0.00  | 0.00 |



# Quantitation Report (Qedit)

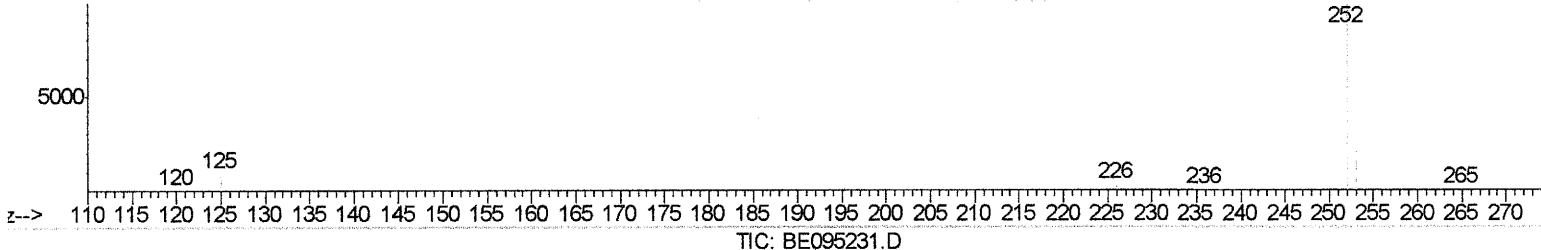
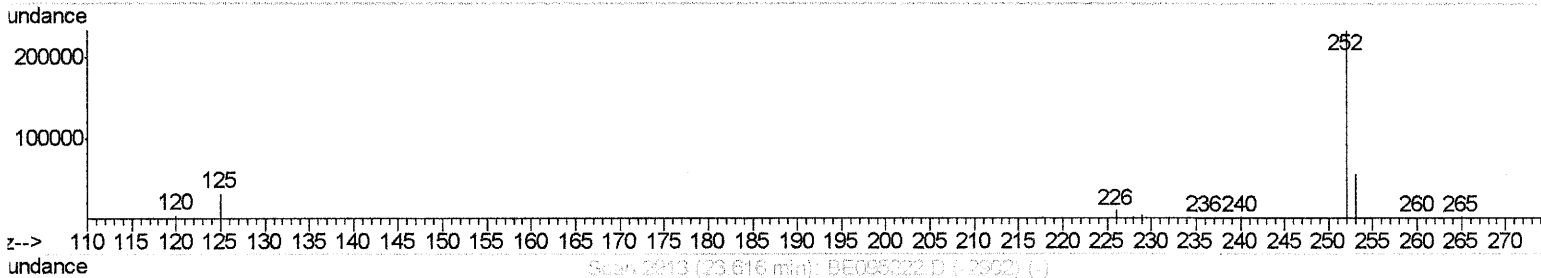
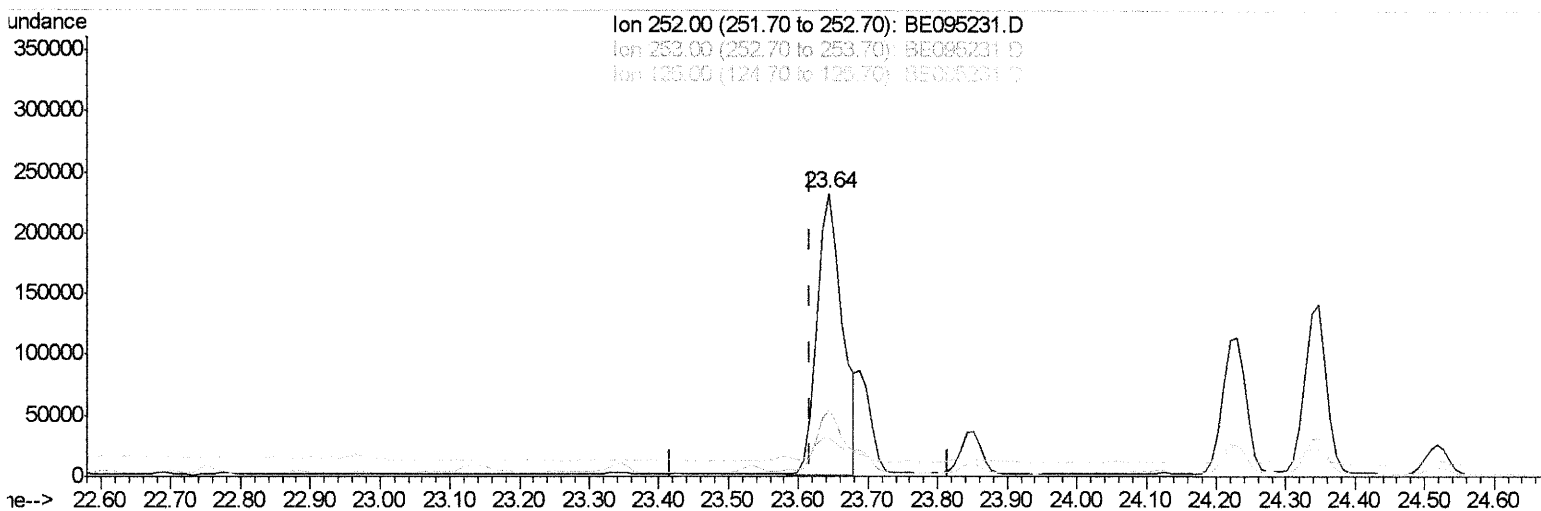
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
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 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.643min (+0.027) 13.25ng/ul m

5/31/18

response 591259

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.77 |
| 125.00 | 17.50 | 13.65 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

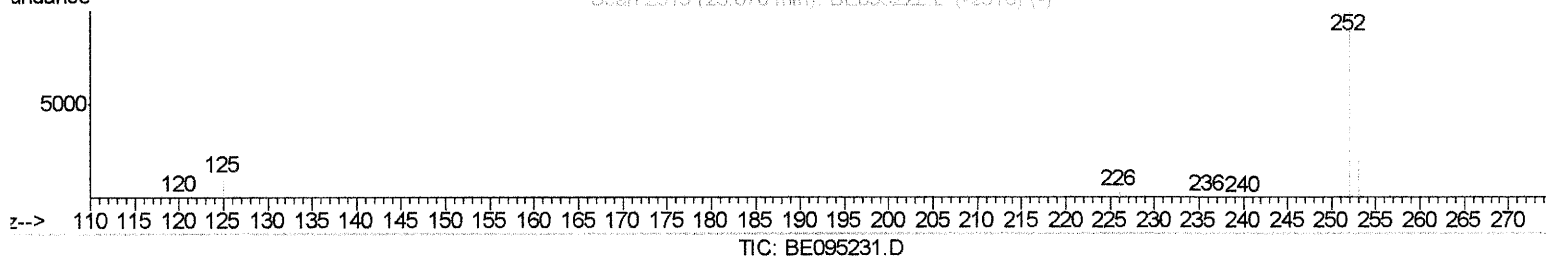
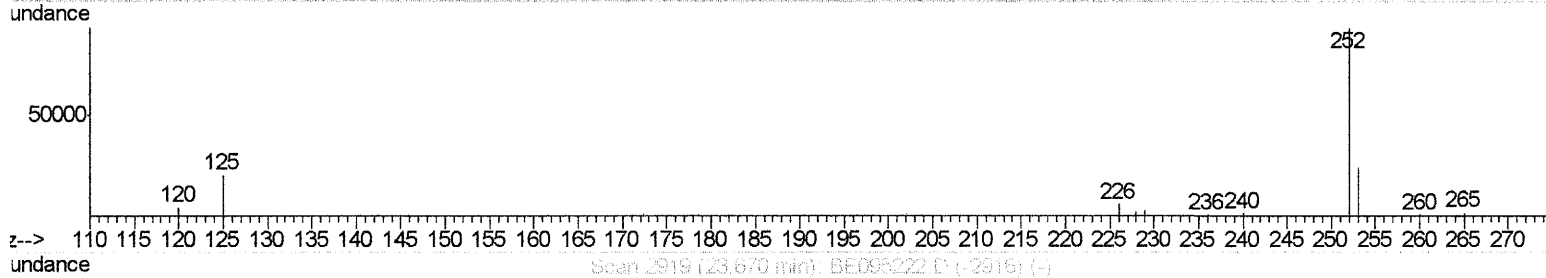
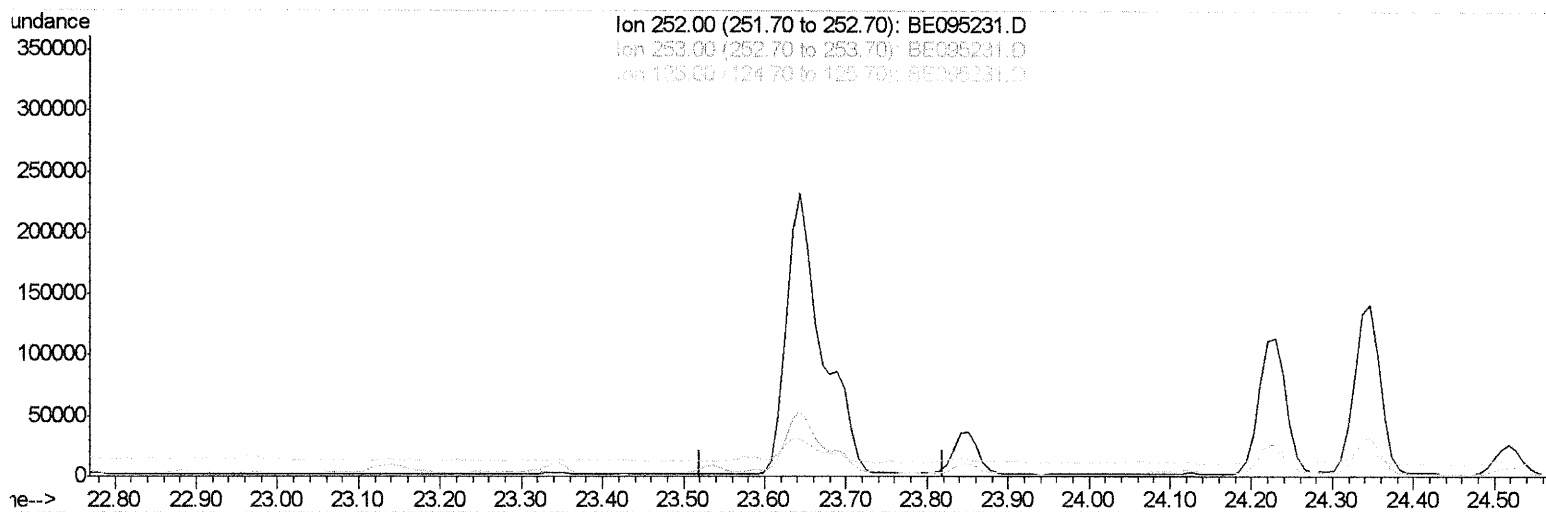
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 0.00  |
| 253.00 | 30.60 | 0.00# |
| 125.00 | 17.10 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

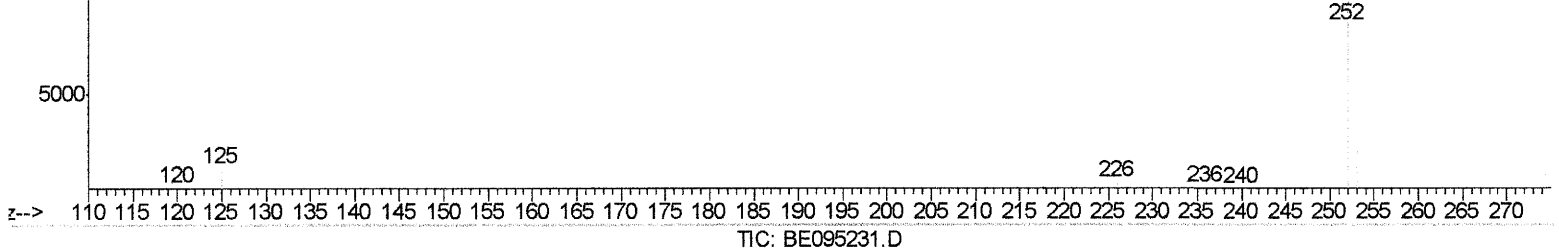
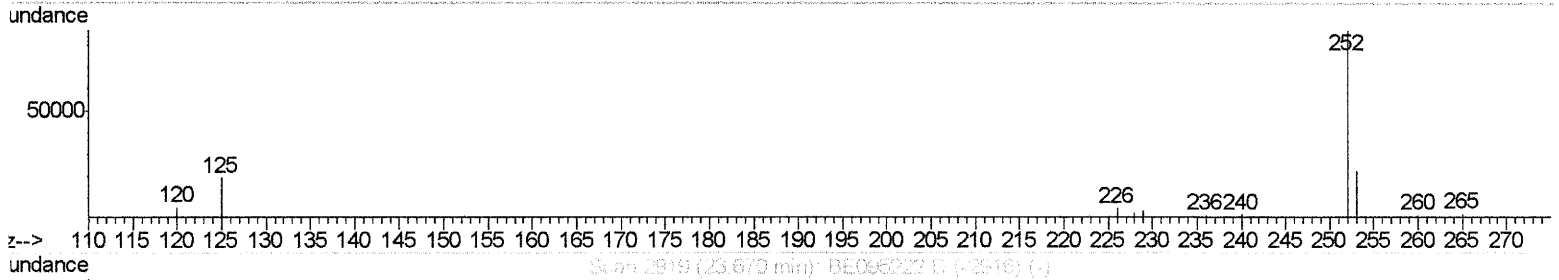
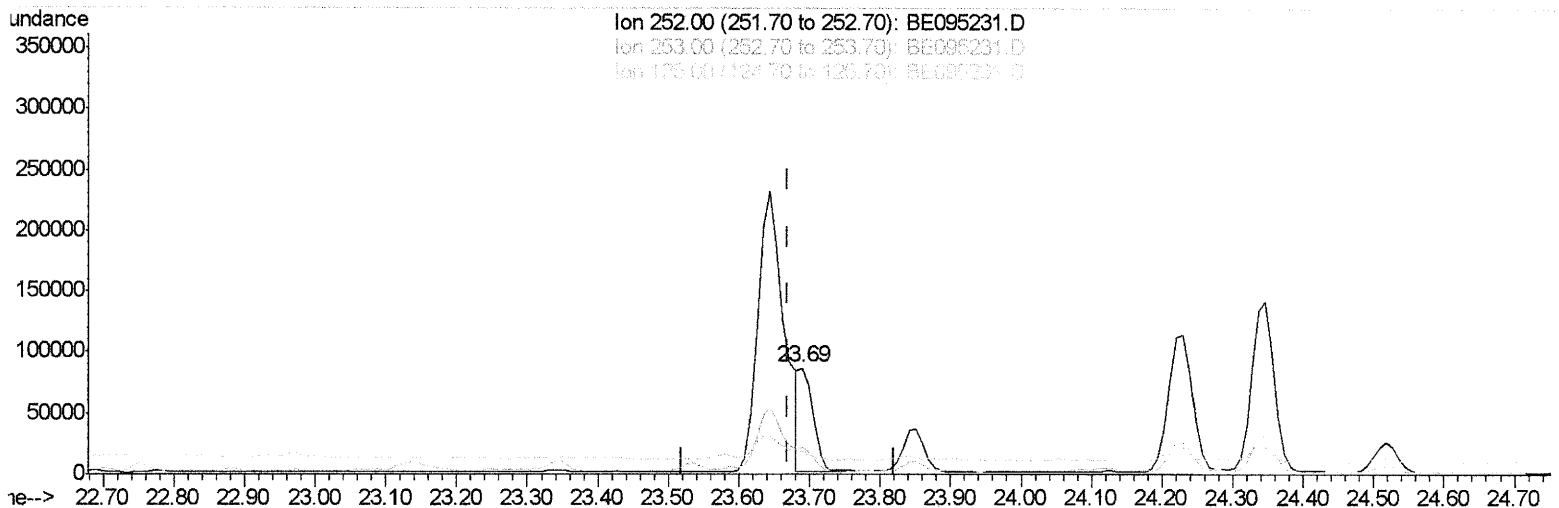
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 Client Sampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.688min (+0.018) 2.82ng/ul m

response 115002

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 25.57  |
| 125.00 | 17.10 | 22.00# |
| 0.00   | 0.00  | 0.00   |

SJ1/31/18

# Quantitation Report (Qedit)

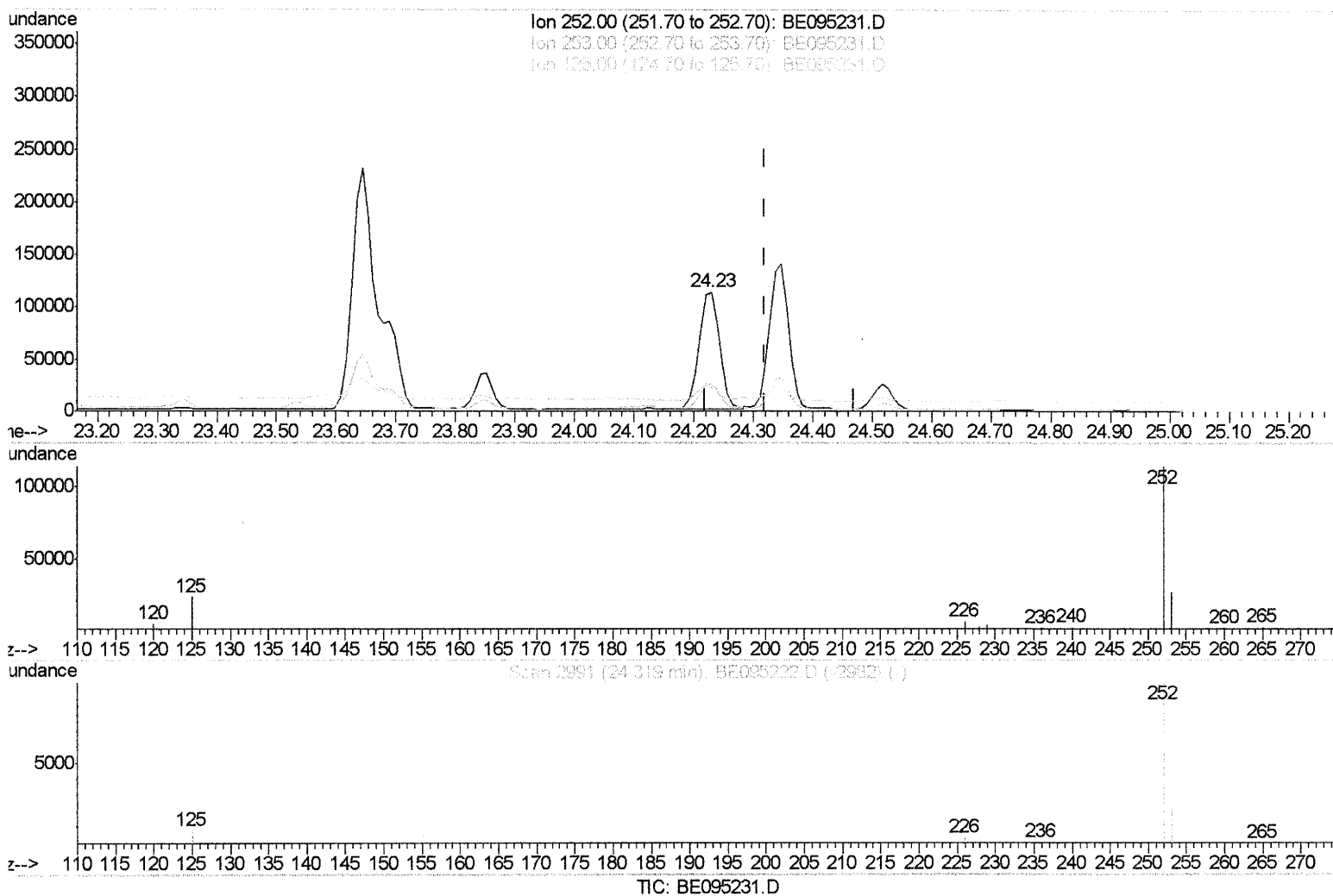
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 Client Sampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
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 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.229min (-0.090) 6.70ng/ul

response 266971

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 23.58# |
| 125.00 | 22.60 | 20.46  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

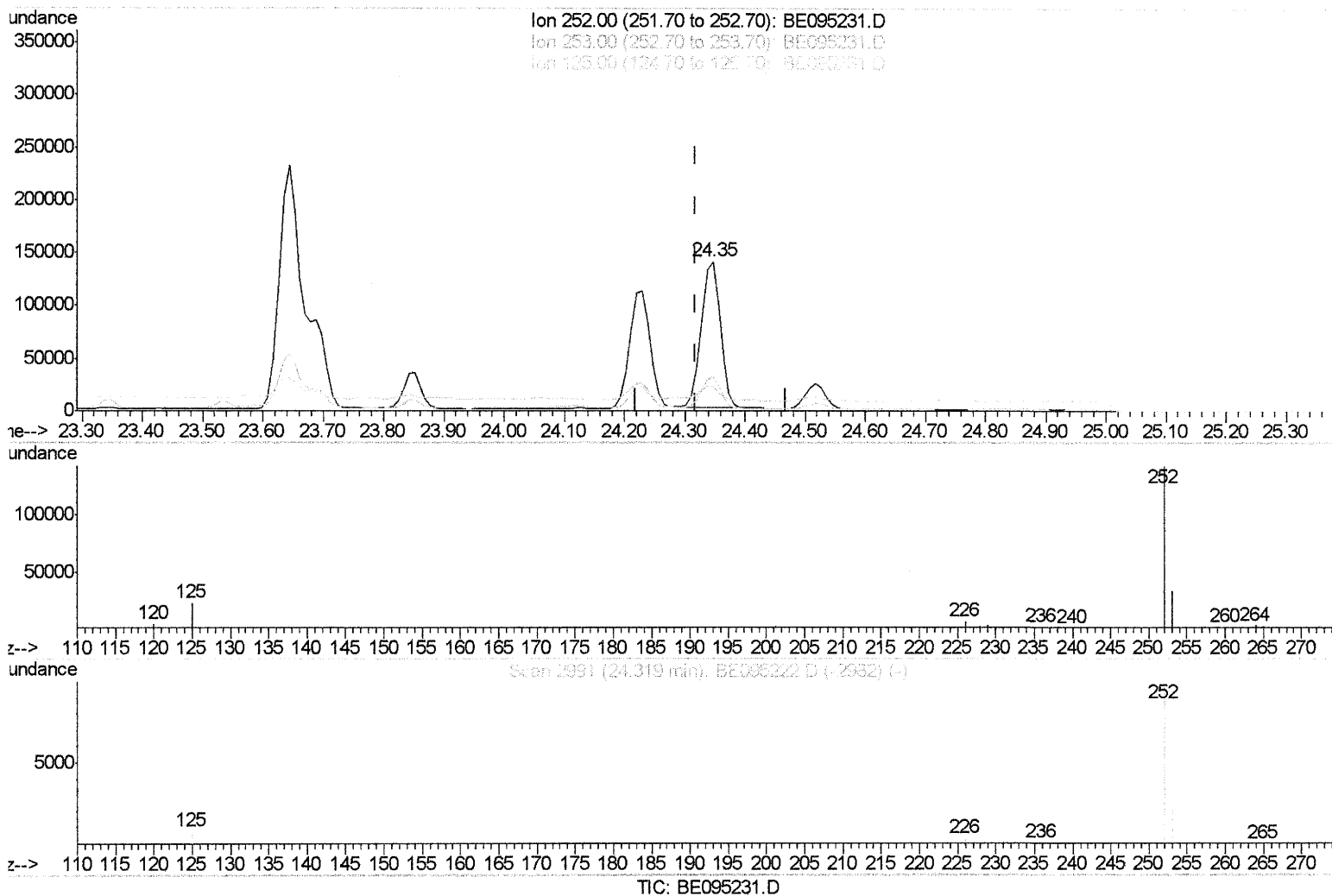
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.346min (+0.027) 7.64ng/ul m

response 304358

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 23.17# |
| 125.00 | 22.60 | 16.28# |
| 0.00   | 0.00  | 0.00   |

5/31/18

# Quantitation Report (Qedit)

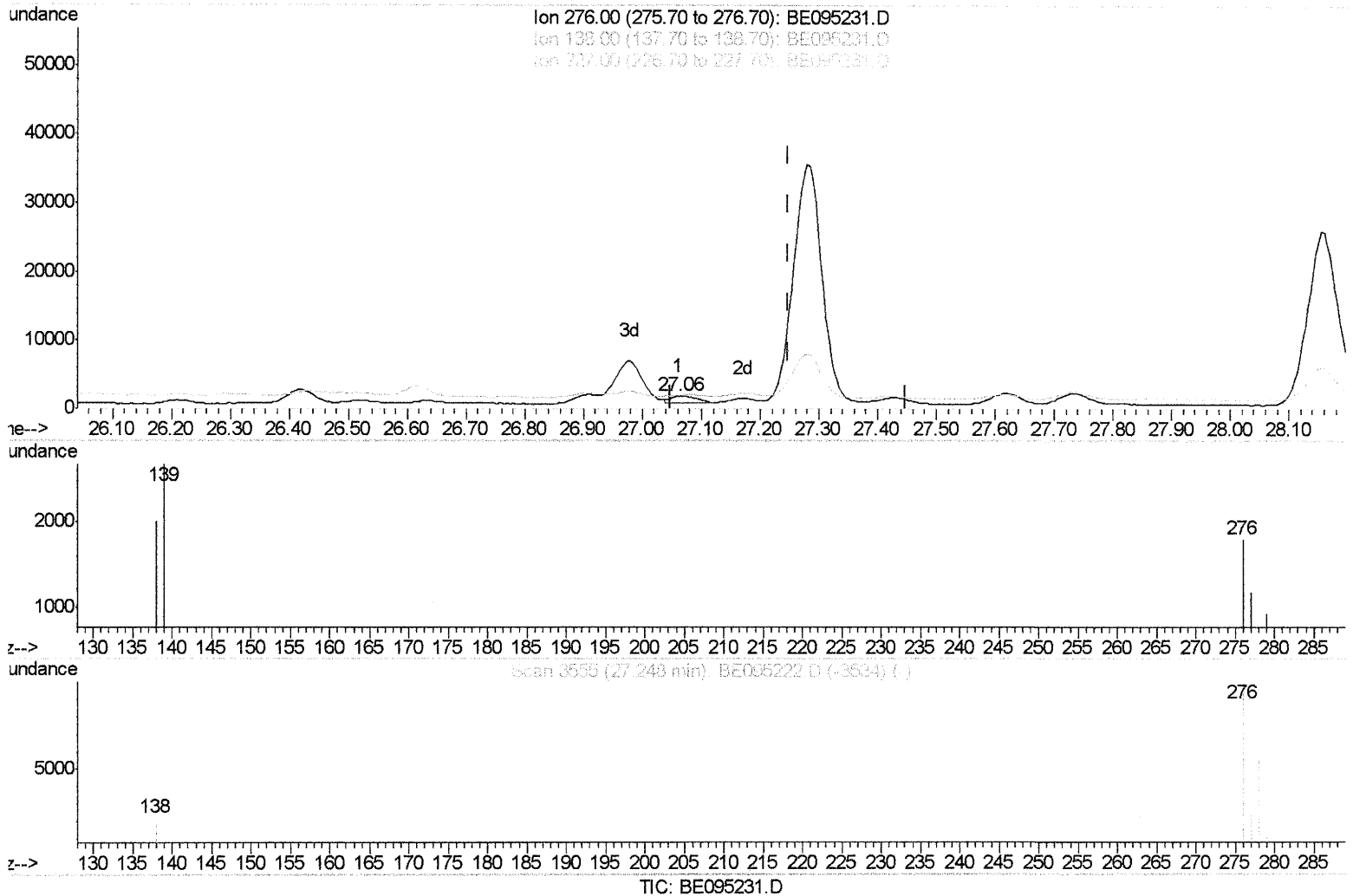
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
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(24) Indeno(1,2,3-cd)pyrene

27.061min (-0.187) 0.06ng/ul

response 2797

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 28.28 |
| 227.00 | 10.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

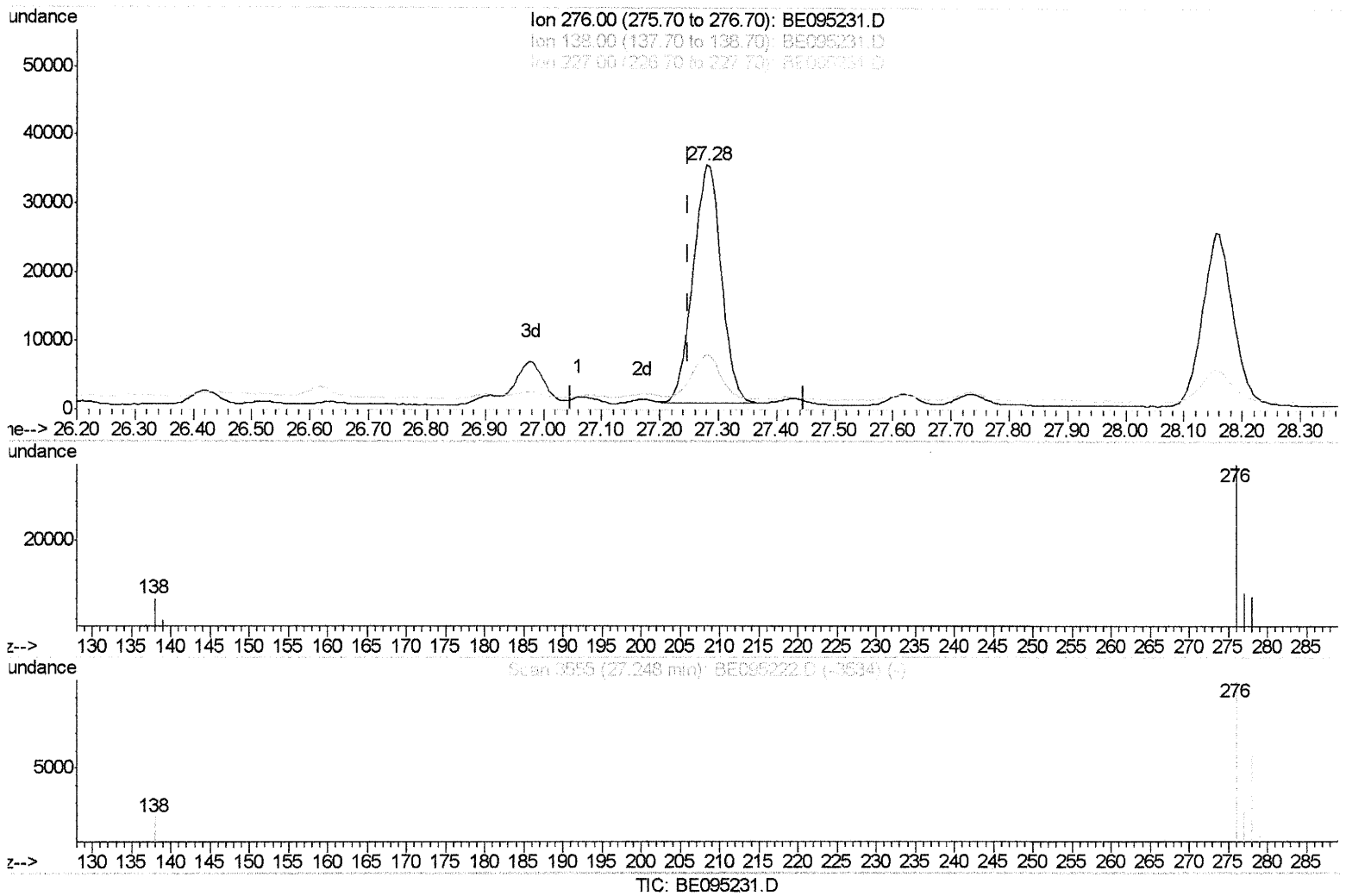
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 Client Sampled :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



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

27.280min (+0.032) 2.68ng/ul m

response 117111

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 0.68# |
| 227.00 | 10.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

5/11/31/18

# Quantitation Report (Qedit)

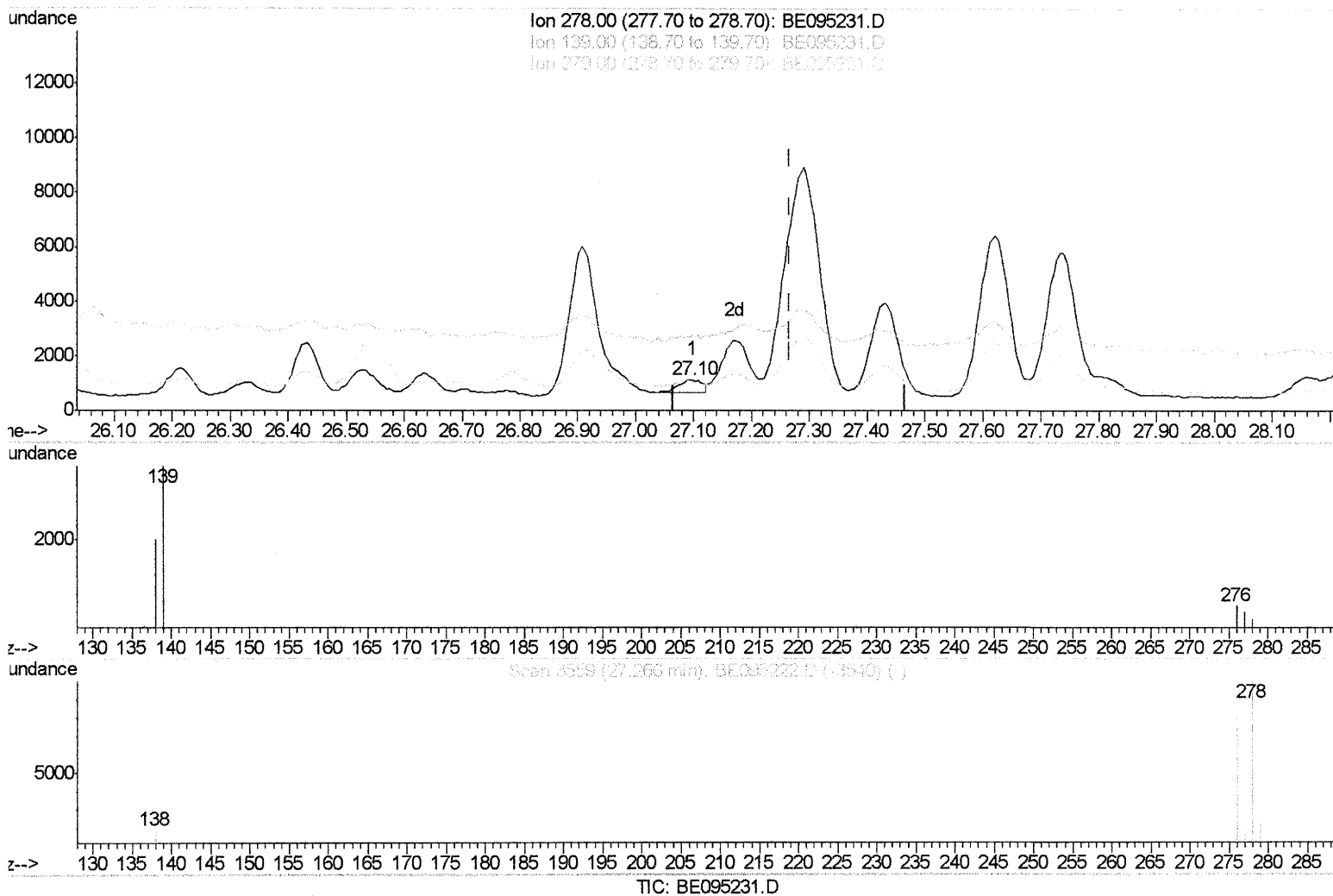
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
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 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.098min (-0.168) 0.04ng/ul

response 1401

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 278.00 | 100   | 100     |
| 139.00 | 21.70 | 249.64# |
| 279.00 | 32.40 | 92.65#  |
| 0.00   | 0.00  | 0.00    |



# Quantitation Report (Qedit)

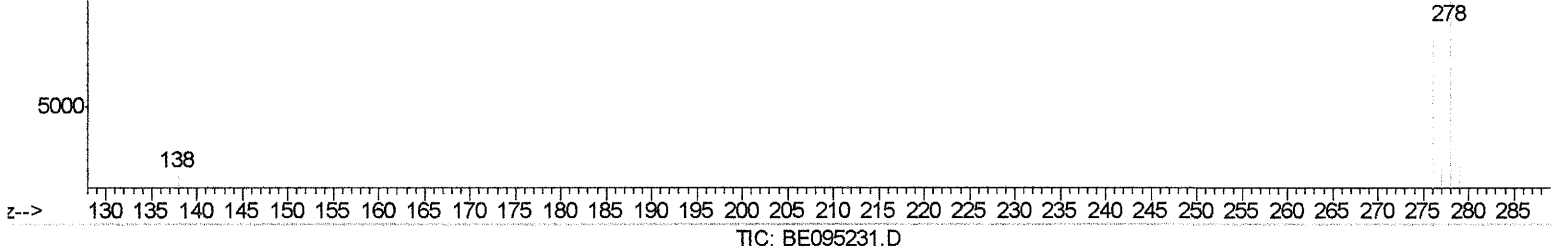
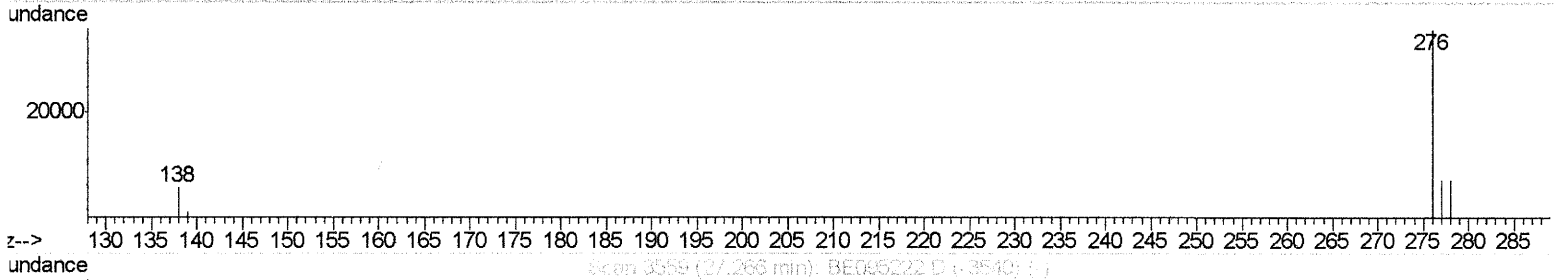
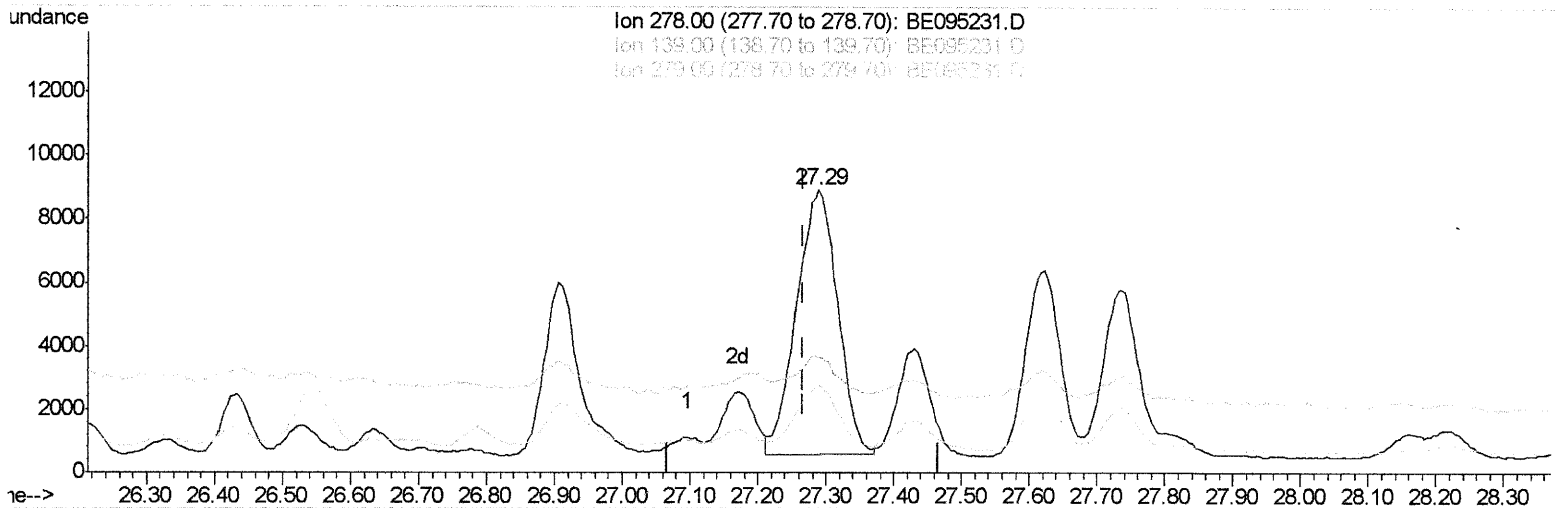
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.289min (+0.023) 0.98ng/ul m

response 34956

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 21.70 | 40.72# |
| 279.00 | 32.40 | 30.89  |
| 0.00   | 0.00  | 0.00   |

501/31/18

# Quantitation Report (Qedit)

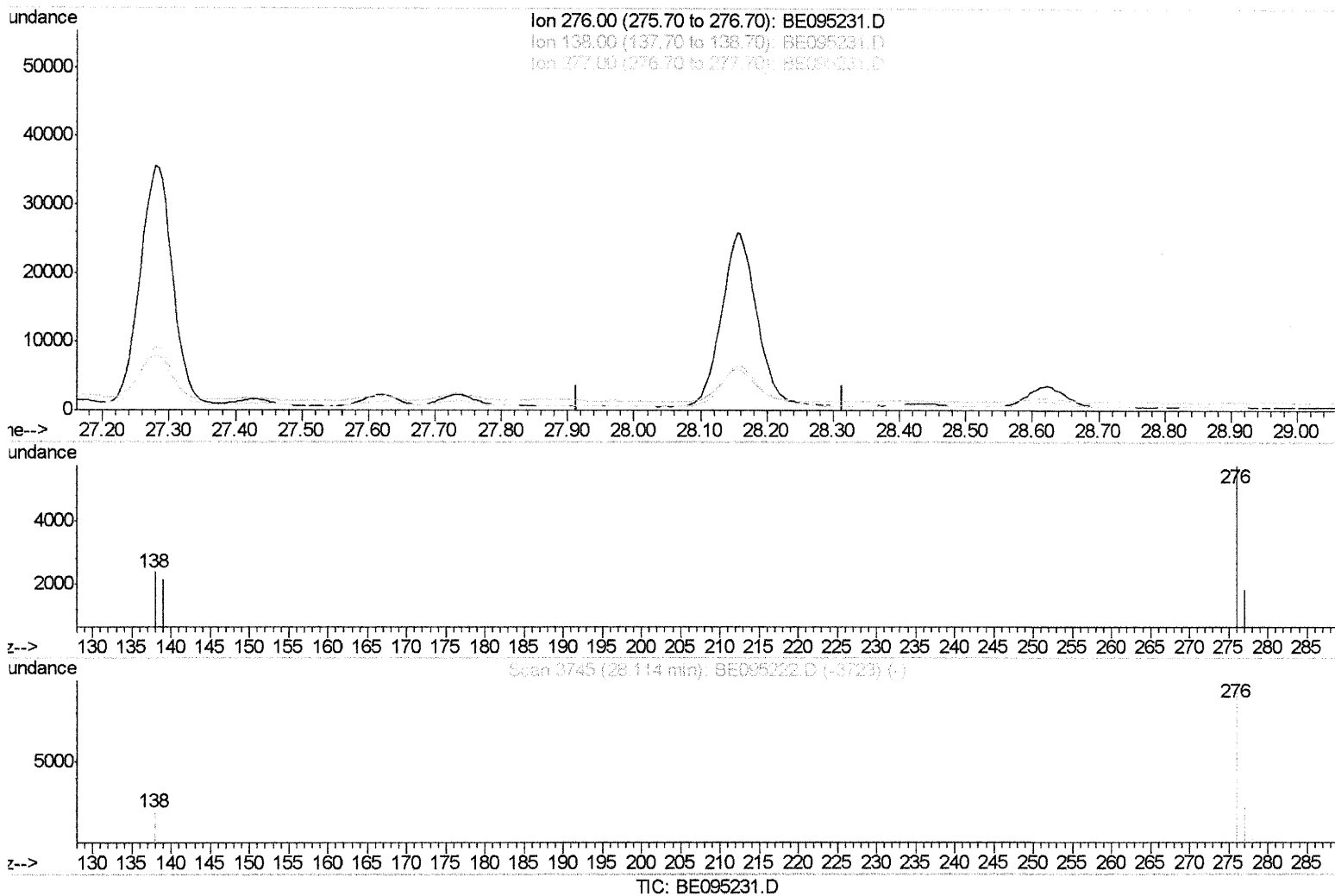
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



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

28.114min (-28.114) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 0.00  |
| 138.00 | 27.30 | 0.00# |
| 277.00 | 25.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

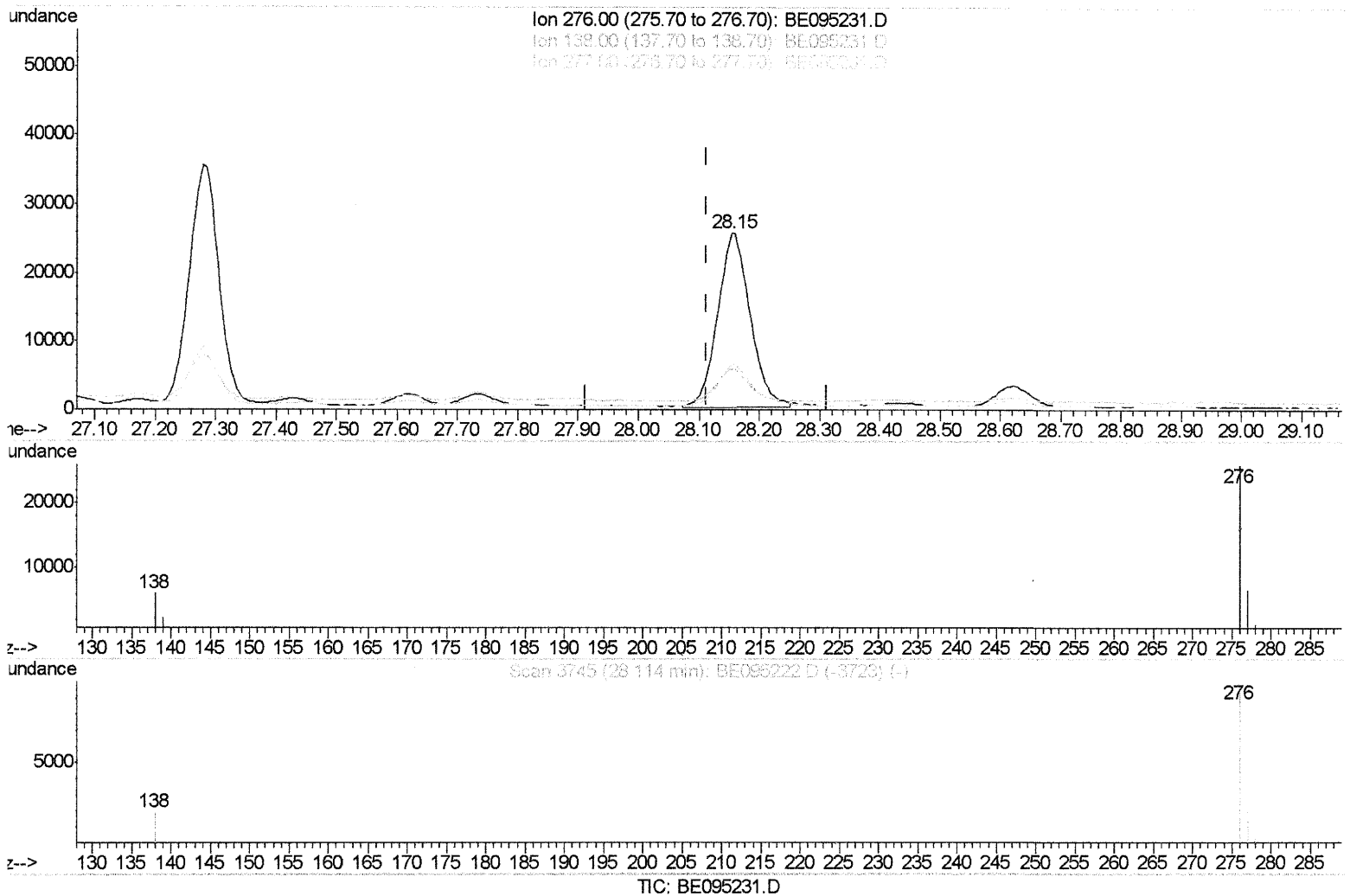
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095231.D  
 Acq On : 29 Jan 2018 5:38  
 Operator : SJ/JU  
 Sample : J1223-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A98

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:26:13 PM

Quant Time: Jan 29 13:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration



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

28.155min (+0.041) 2.58ng/ul m

response 95477

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 27.30 | 23.41 |
| 277.00 | 25.60 | 25.73 |
| 0.00   | 0.00  | 0.00  |

SJ/31/18

## Quantitation Report (QT Reviewed)

Instrument :  
BNA\_E  
Client Sample ID :  
F6A98

Manual Integrations  
APPROVED

Sohil  
1/29/2018 6:26:13 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
Data File : BE095231.D  
Acq On : 29 Jan 2018 5:38  
Operator : SJ/JU  
Sample : J1223-12  
Disc :  
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 29 13:08:07 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Mon Jan 29 08:11:22 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.44  | 152  | 3493     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.27 | 136  | 11364    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.02 | 164  | 7758m    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.73 | 188  | 17328m   | 0.40 | ng/ul | 0.02     |
| 16) Chrysene-d12          | 21.81 | 240  | 12625    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.46 | 264  | 12646m   | 0.40 | ng/ul | 0.03     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.82 | 152  | 4801     | 0.26 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.71 | 212  | 9503     | 0.14 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Naphthalene             | 11.32 | 128  | 2052     | 0.064  | ng/ul# | 78     |
| 7) Acenaphthylene          | 14.75 | 152  | 26178    | 0.701  | ng/ul# | 58     |
| 8) Acenaphthene            | 15.08 | 153  | 13912    | 0.480  | ng/ul# | 89     |
| 11) Pentachlorophenol      | 17.38 | 266  | 259927   | 77.446 | ng/ul# | 58     |
| 13) Anthracene             | 17.85 | 178  | 38359    | 0.719  | ng/ul# | 65     |
| 15) Fluoranthene           | 19.74 | 202  | 901685   | 11.949 | ng/ul  | 79     |
| 17) Pyrene                 | 20.09 | 202  | 1381046  | 32.600 | ng/ul# | 75     |
| 18) Benzo(a)anthracene     | 21.80 | 228  | 175010   | 4.434  | ng/ul# | 88     |
| 19) Chrysene               | 21.83 | 228  | 260578   | 6.358  | ng/ul  | 92     |
| 21) Benzo(b)fluoranthene   | 23.64 | 252  | 591259m  | 13.252 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.69 | 252  | 115002m  | 2.818  | ng/ul  |        |
| 23) Benzo(a)pyrene         | 24.35 | 252  | 304358m  | 7.640  | ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 27.28 | 276  | 117111m  | 2.680  | ng/ul  |        |
| 25) Dibenzo(a,h)anthracene | 27.29 | 278  | 34956m   | 0.978  | ng/ul  |        |
| 26) Benzo(a,h,i)perylene   | 28.15 | 276  | 95477m   | 2.581  | ng/ul  |        |

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