

# Quantitation Report (QT Reviewed)

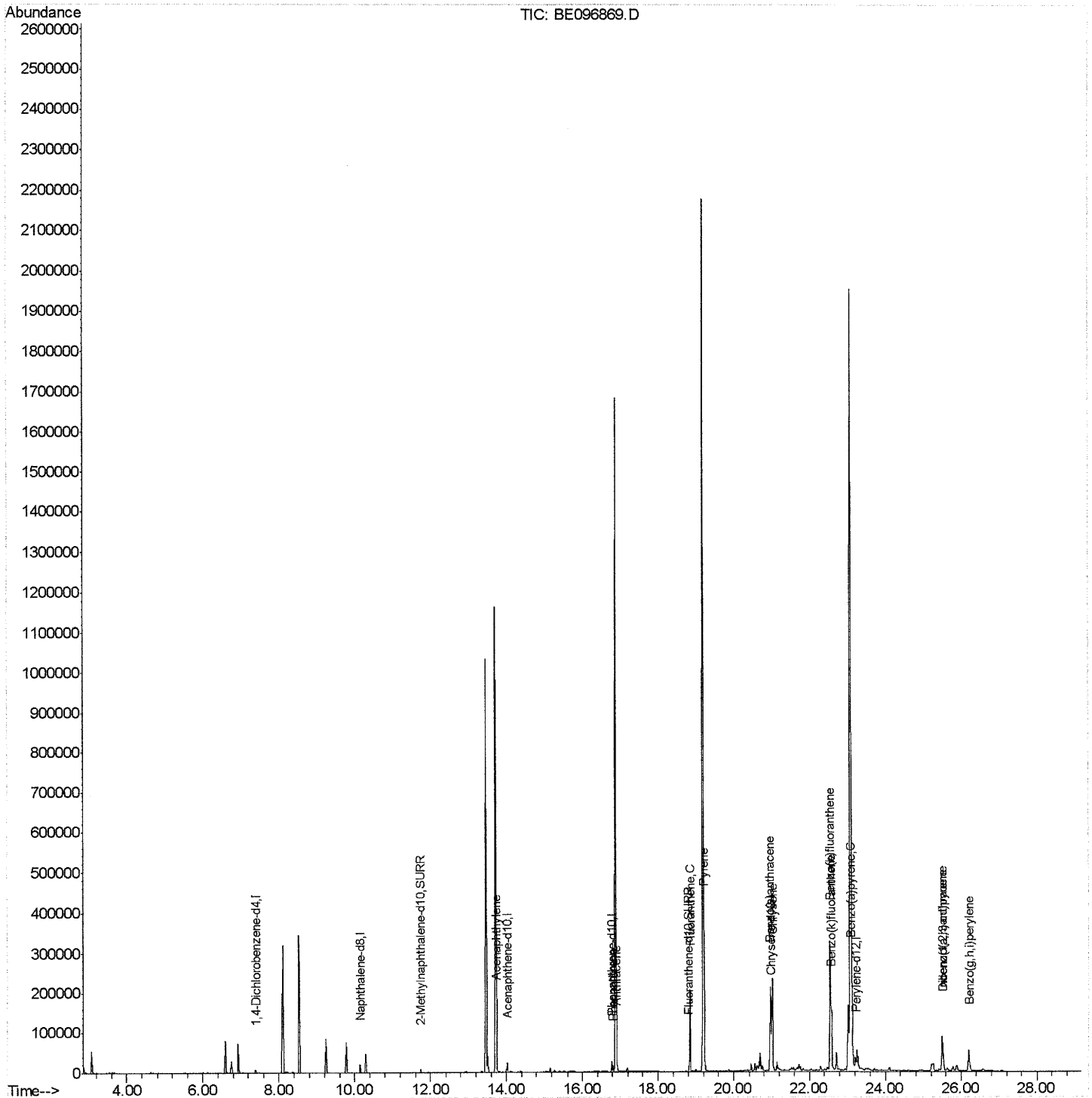
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 09 05:38:42 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

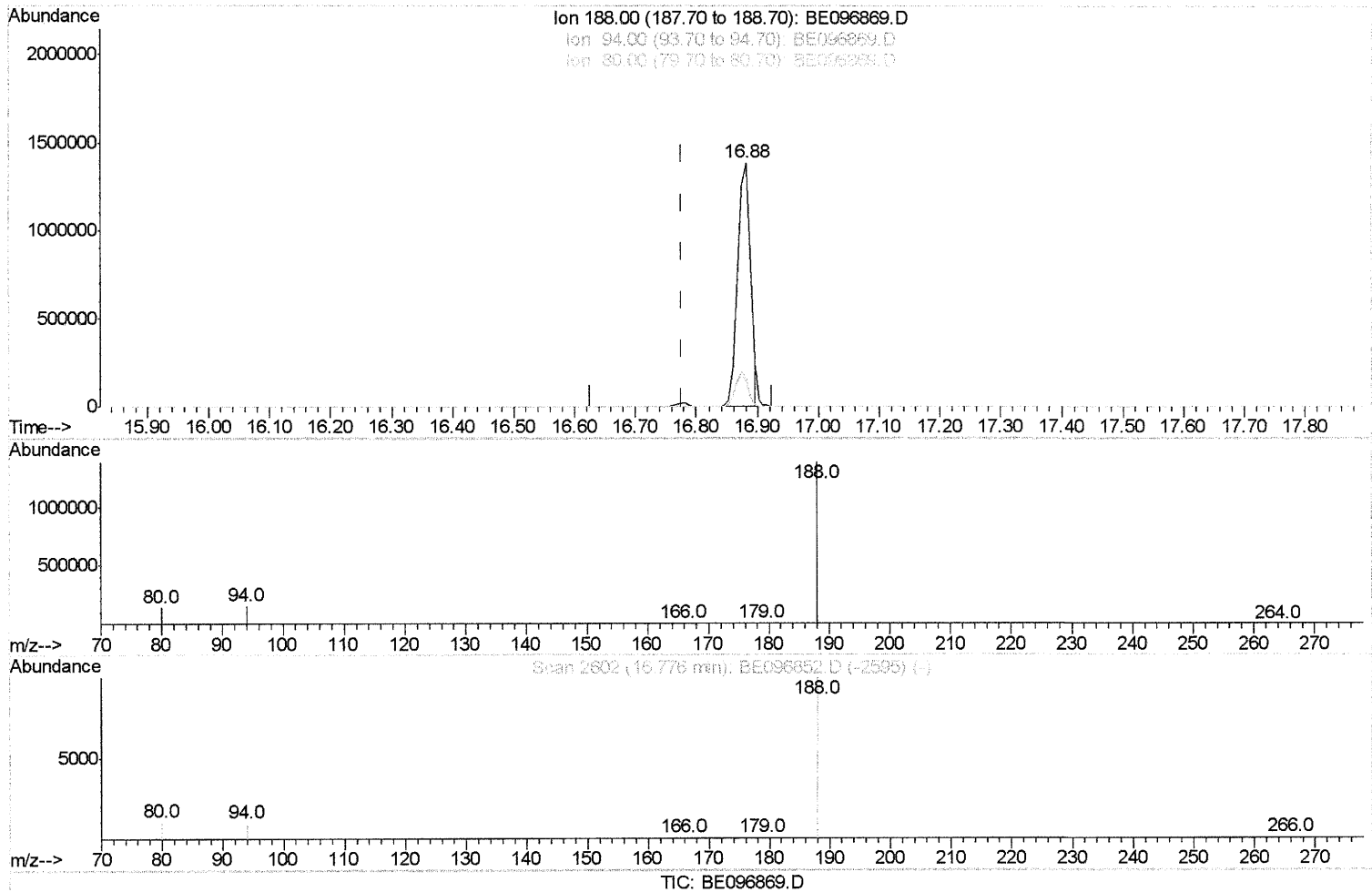
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 03:26:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.880min (+0.105) 0.40ng/ul

response 1970468

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 11.24 |
| 80.00  | 11.80 | 10.02 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

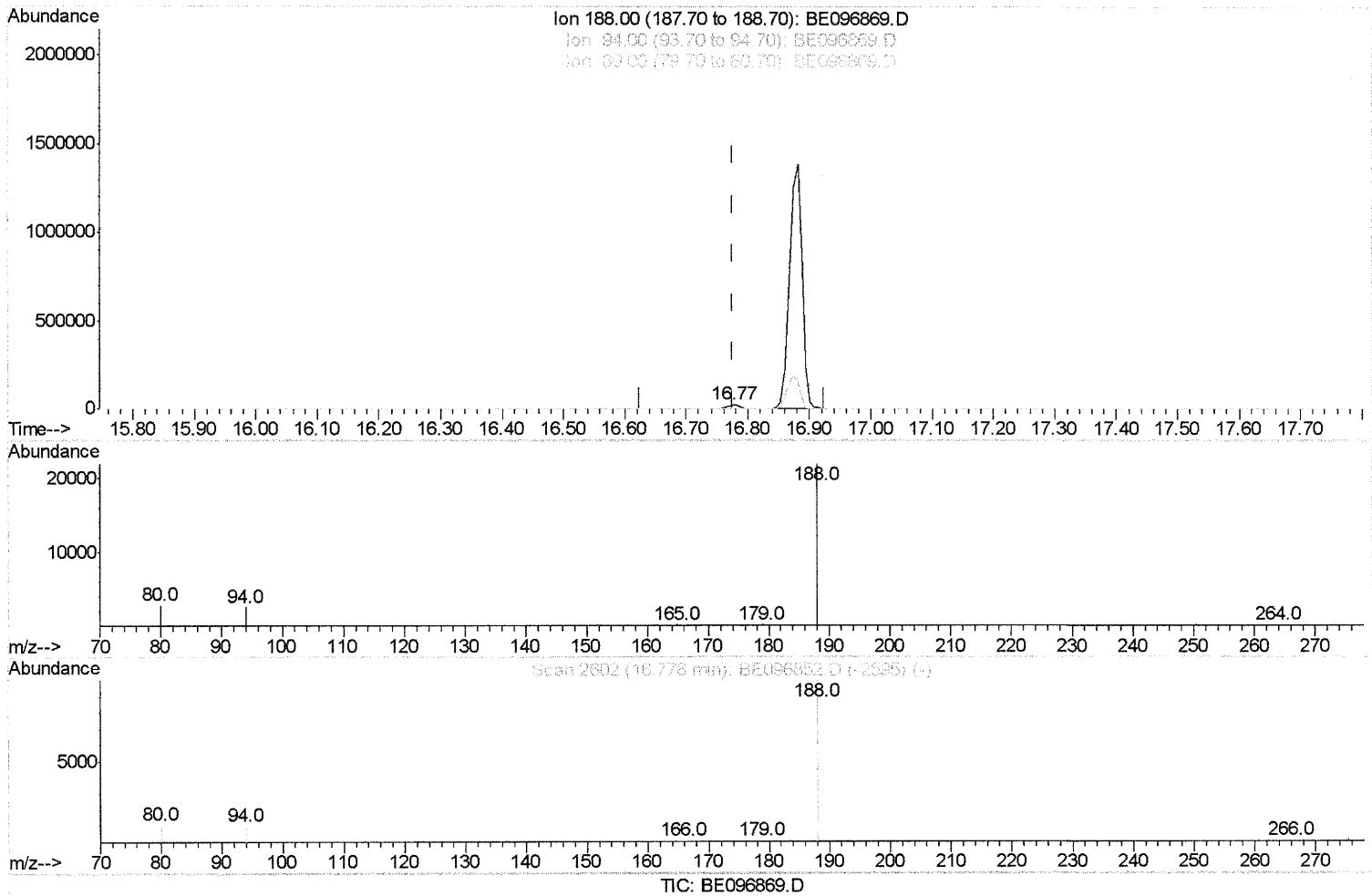
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 03:26:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.775min (-0.001) 0.40ng/ul m

*SJ 7/11/18*

response 30280

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 11.69 |
| 80.00  | 11.80 | 12.84 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

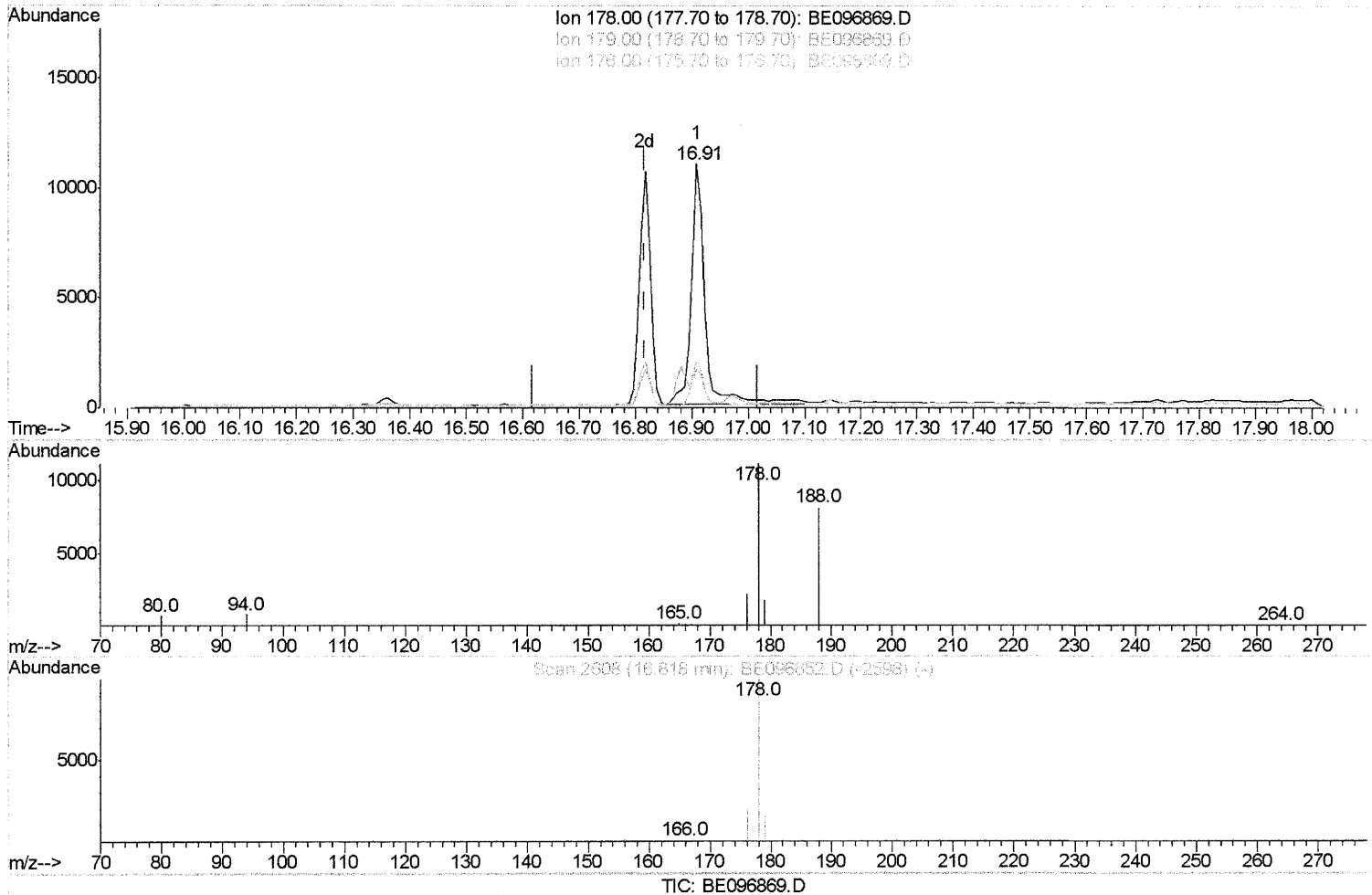
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 03:26:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(12) Phenanthrene

16.909min (+0.091) 0.24ng/ul

response 18548

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 16.04# |
| 176.00 | 17.00 | 19.50  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

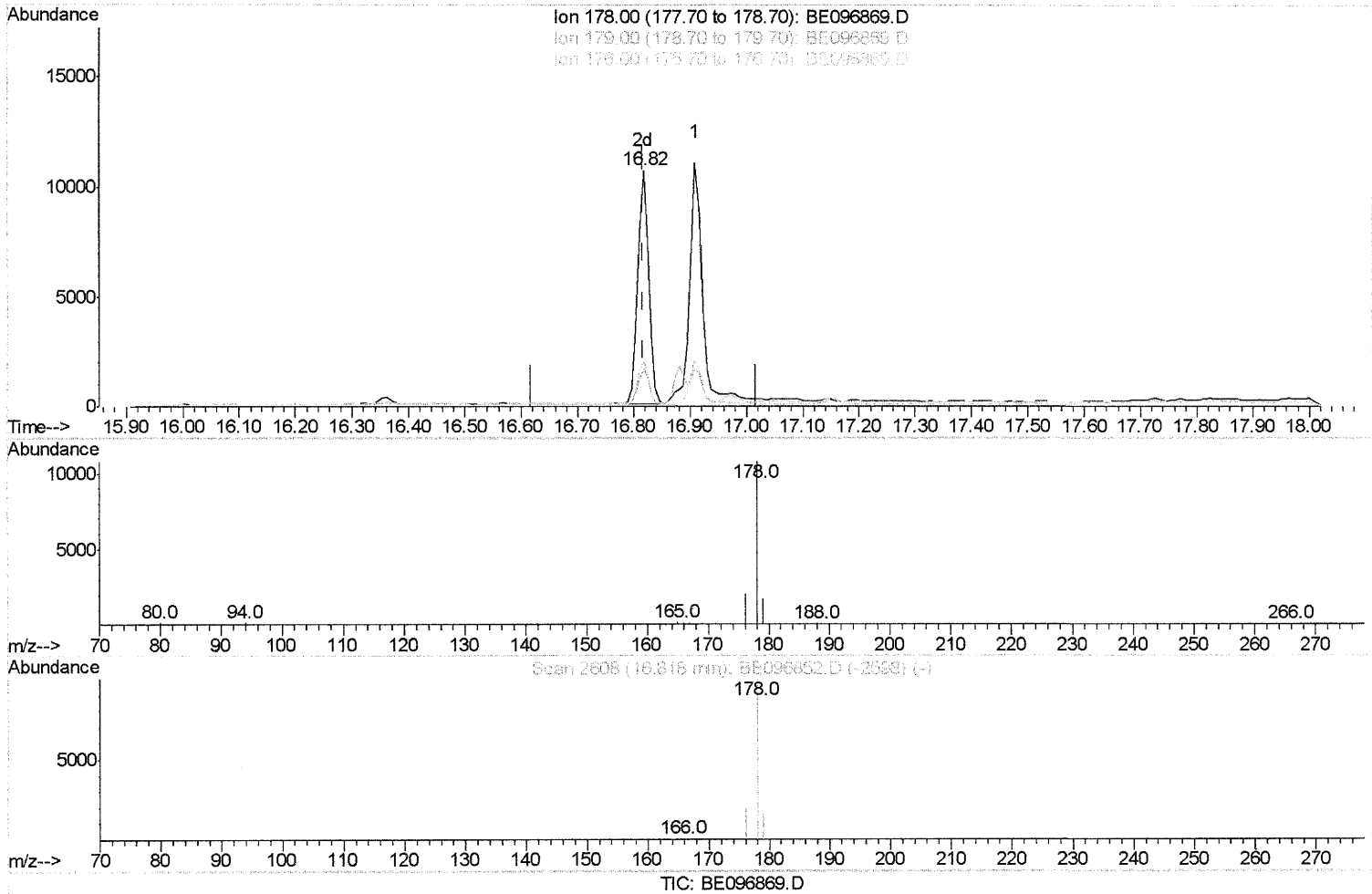
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

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(12) Phenanthrene

16.817min (-0.001) 0.19ng/ul m

*SJ 7/11/18*

response 14504

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 16.52# |
| 176.00 | 17.00 | 19.24  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

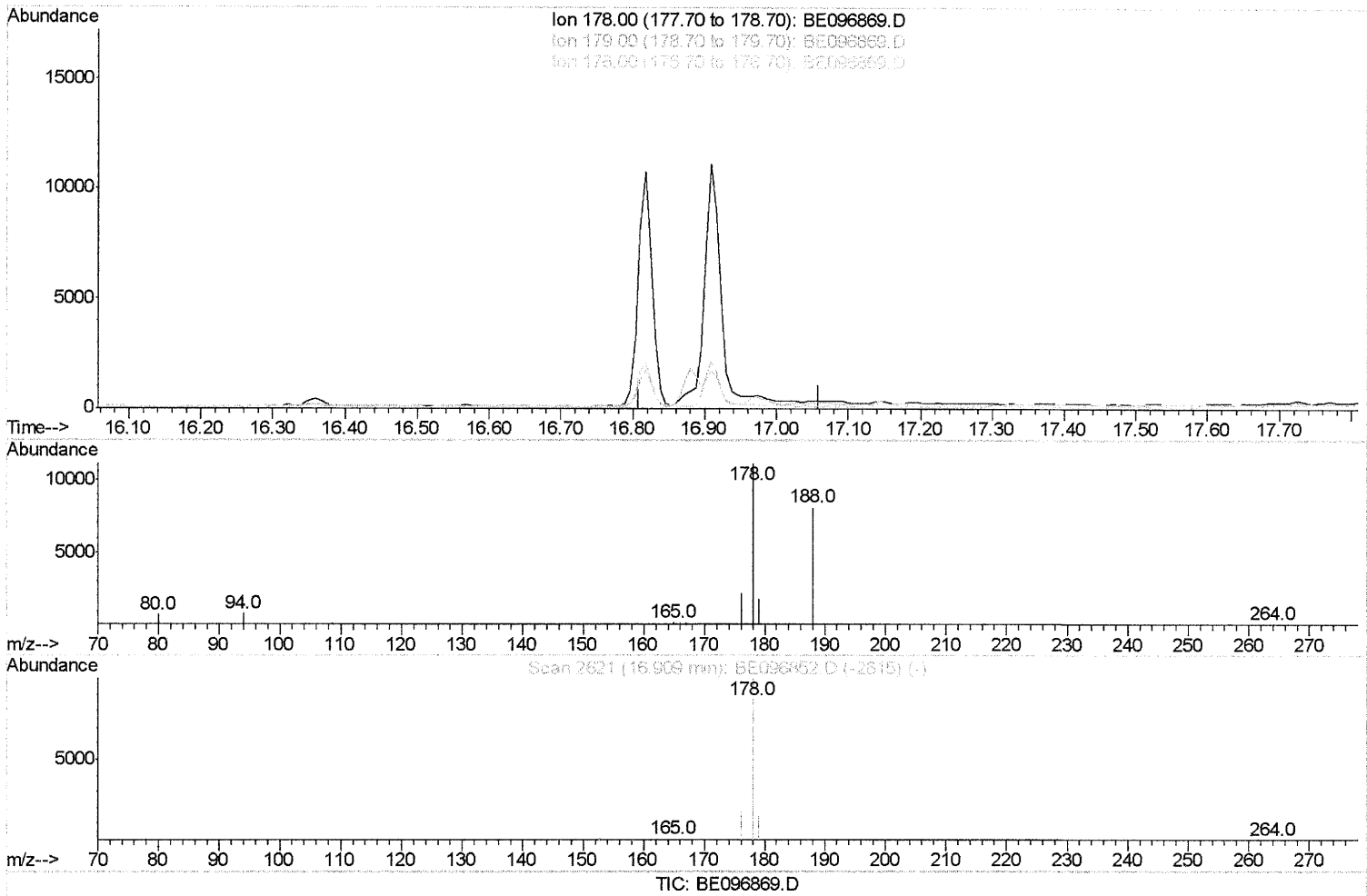
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

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 Response via : Initial Calibration



(13) Anthracene

16.909min (-16.909) 0.00ng/ui

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 0.00  |
| 179.00 | 22.60 | 0.00# |
| 176.00 | 18.40 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

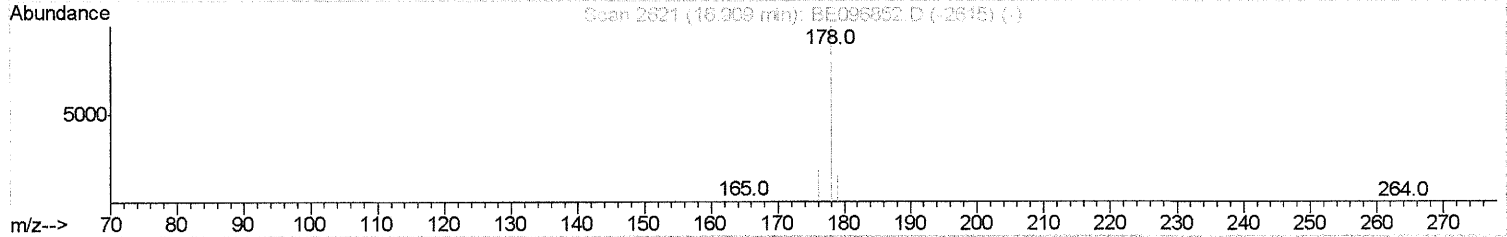
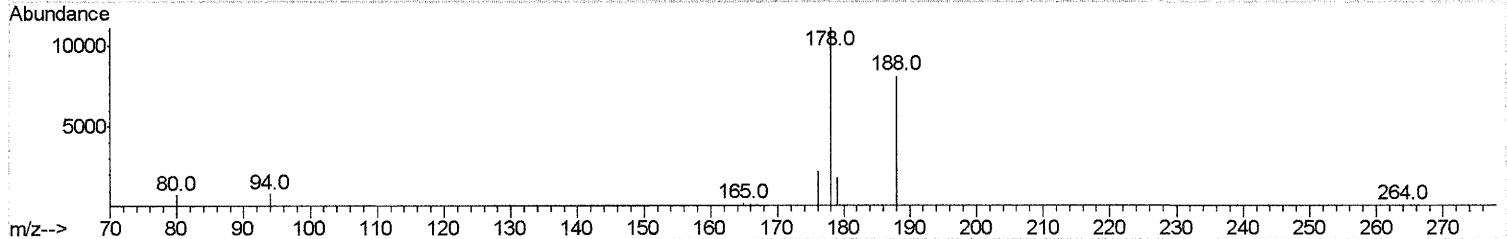
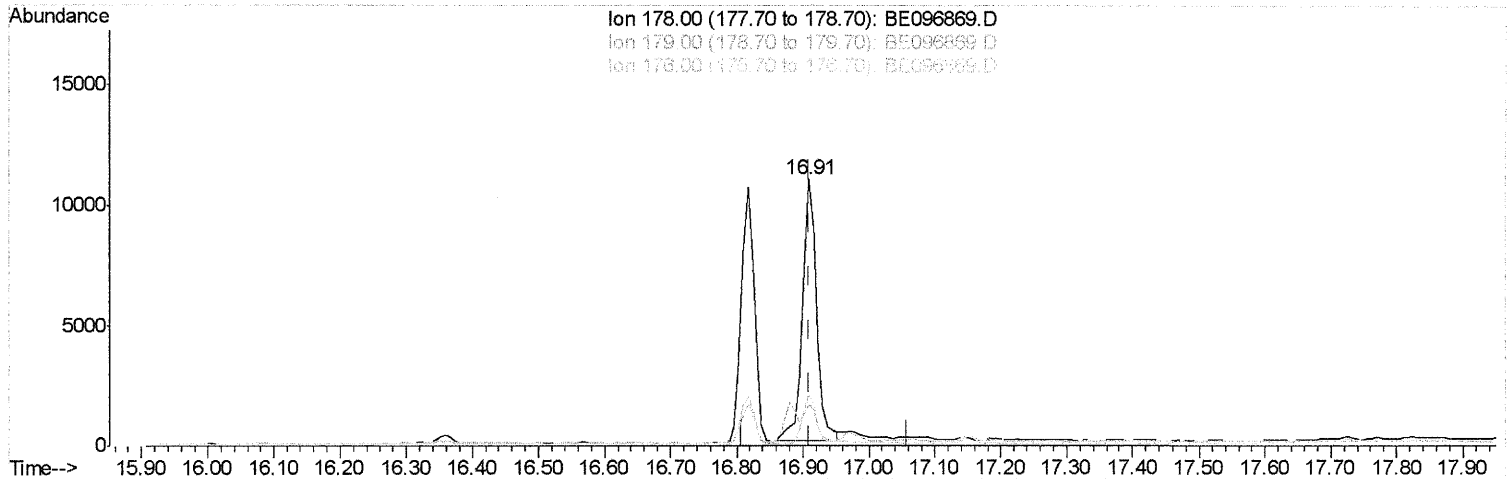
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

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TIC: BE096869.D

(13) Anthracene

16.909min (-0.001) 0.25ng/ul m

*SJ 7/11/18*

response 16488

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 22.60 | 16.04# |
| 176.00 | 18.40 | 19.50  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

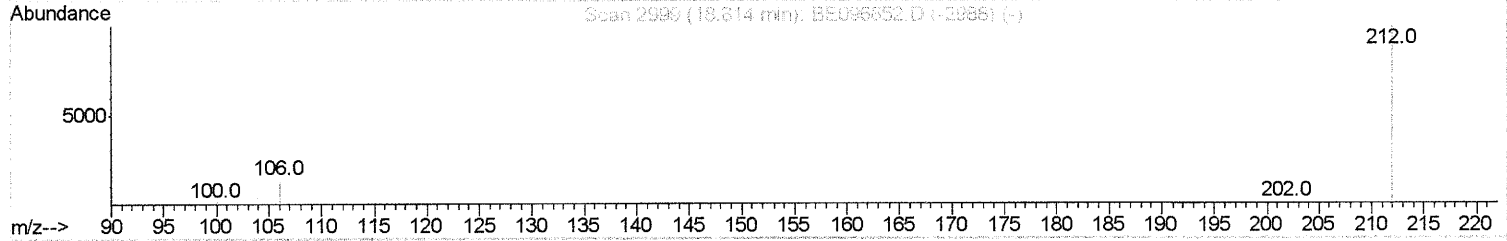
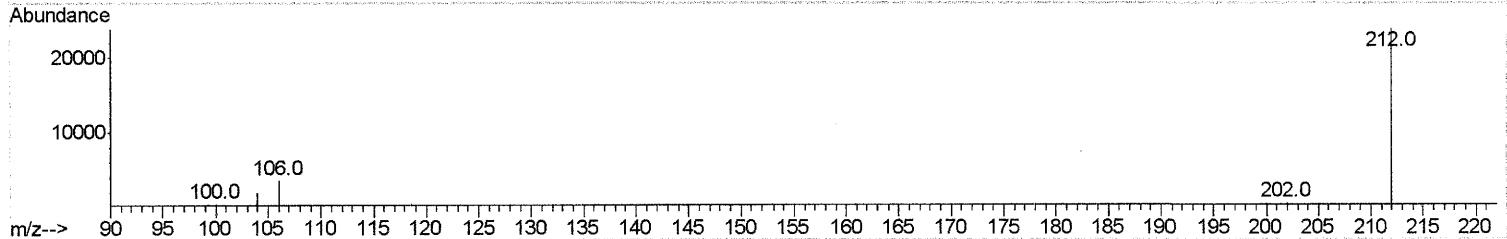
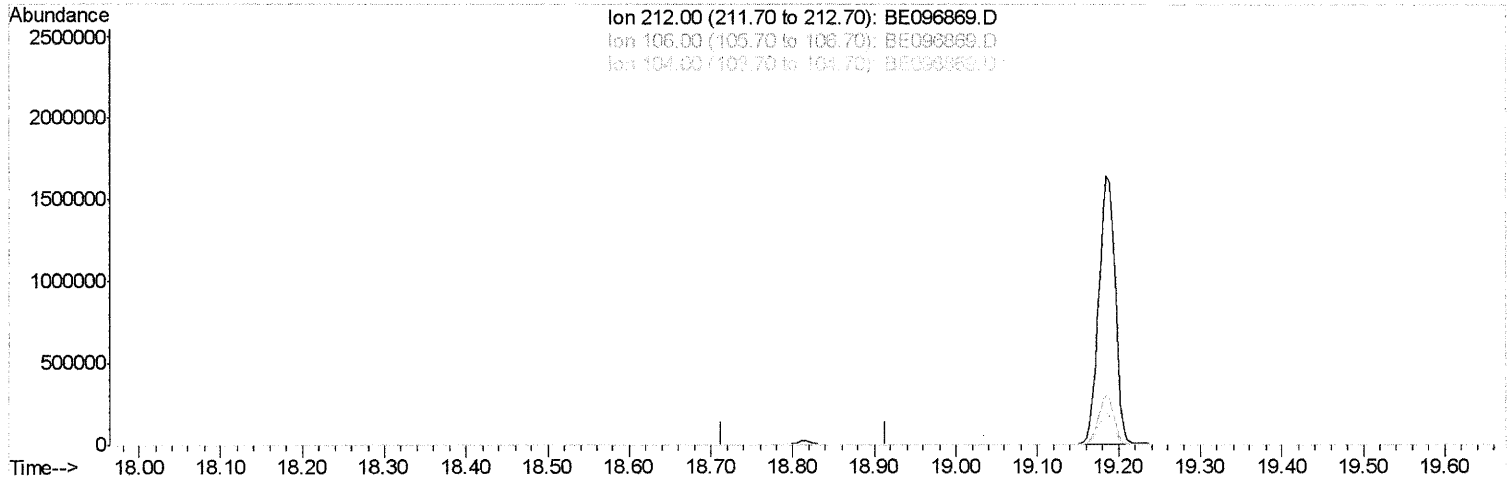
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
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(14) Fluoranthene-d10 (SURR)

18.814min (-18.814) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

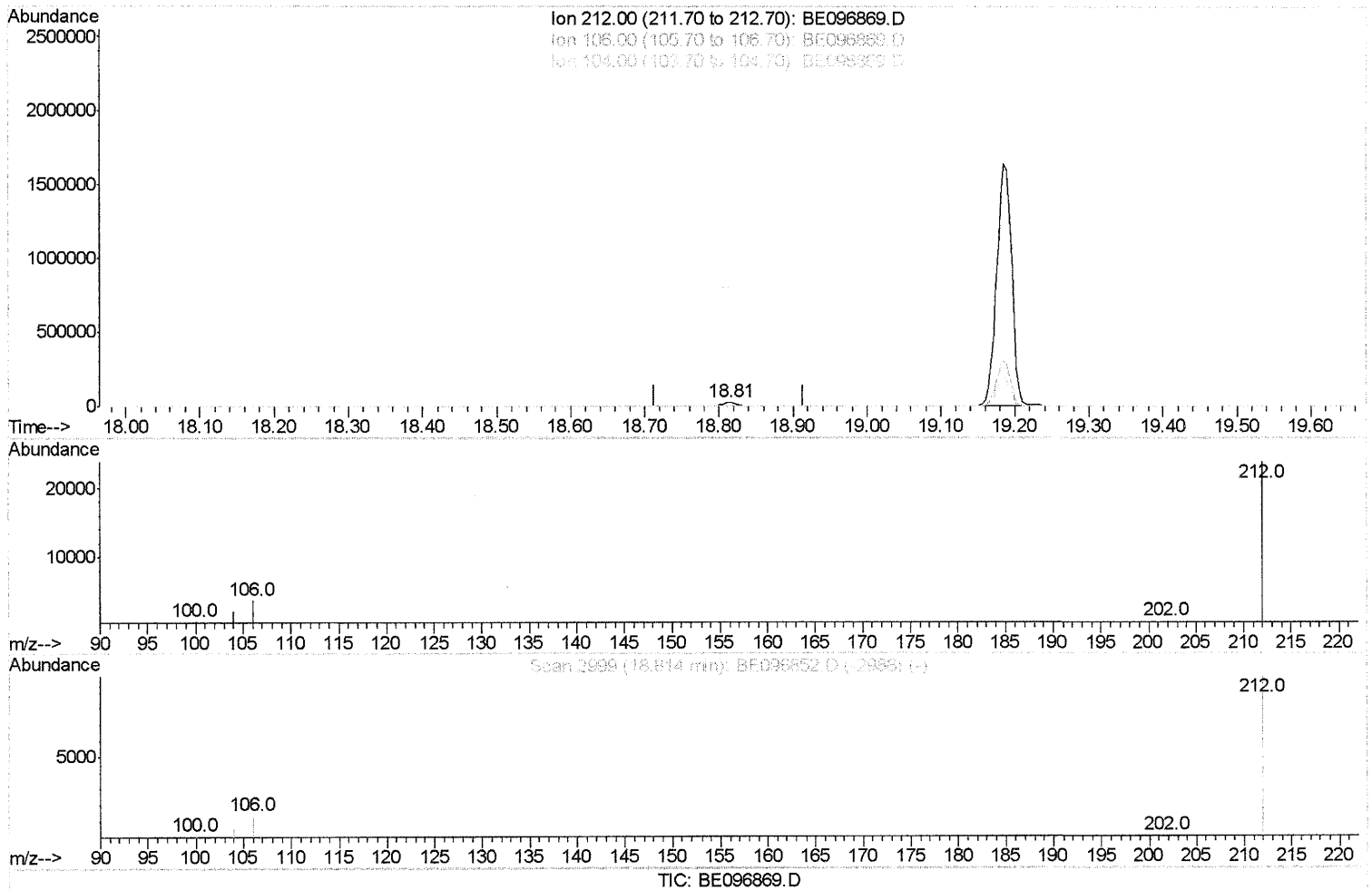
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 03:26:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.814min (-0.000) 0.40ng/ul m

response 30329

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

SJ 7/11/18

# Quantitation Report (Qedit)

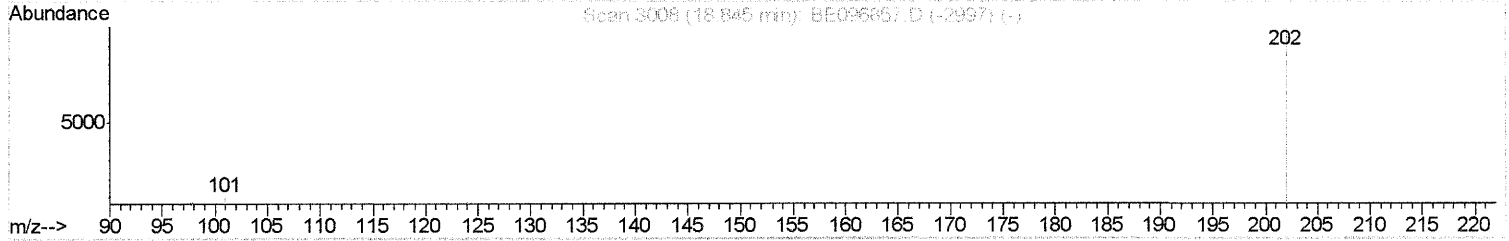
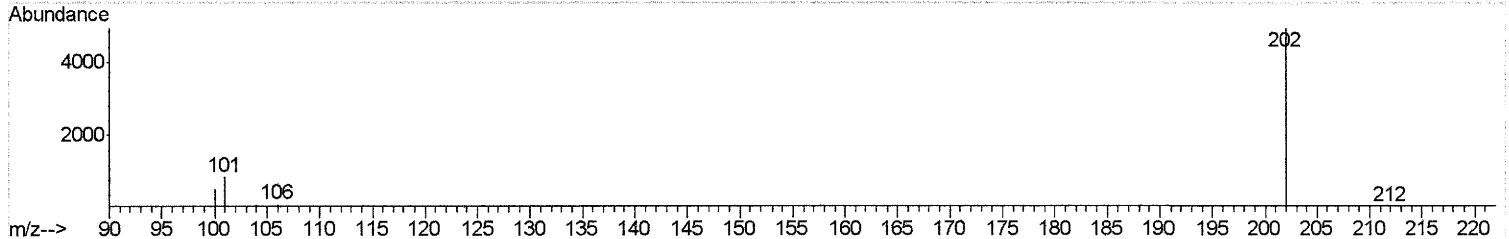
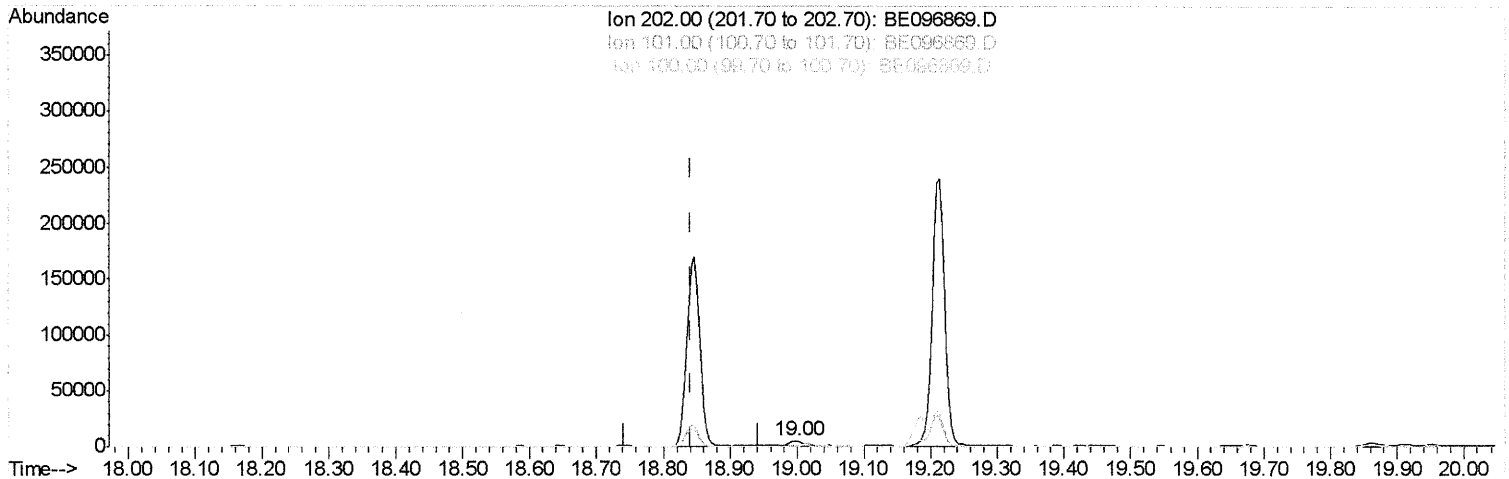
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:59:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



TIC: BE096869.D

(15) Fluoranthene (C)

18.999min (+0.157) 0.07ng/ul

response 5814

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 17.95 |
| 100.00 | 19.50 | 11.78 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

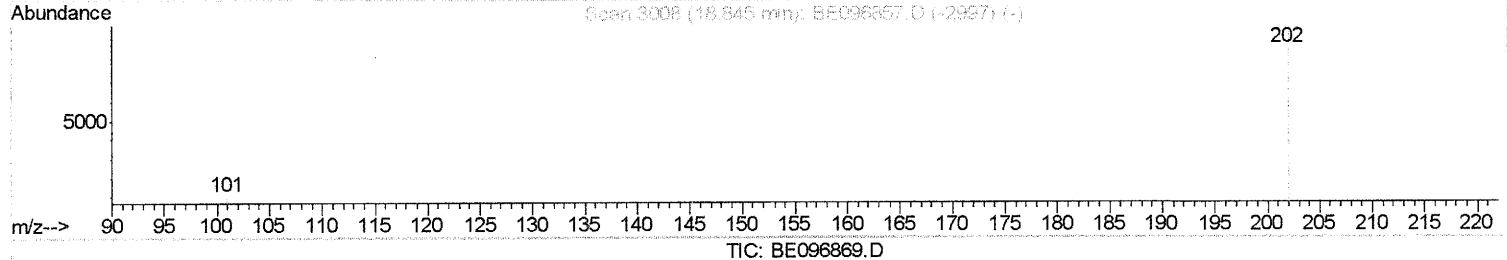
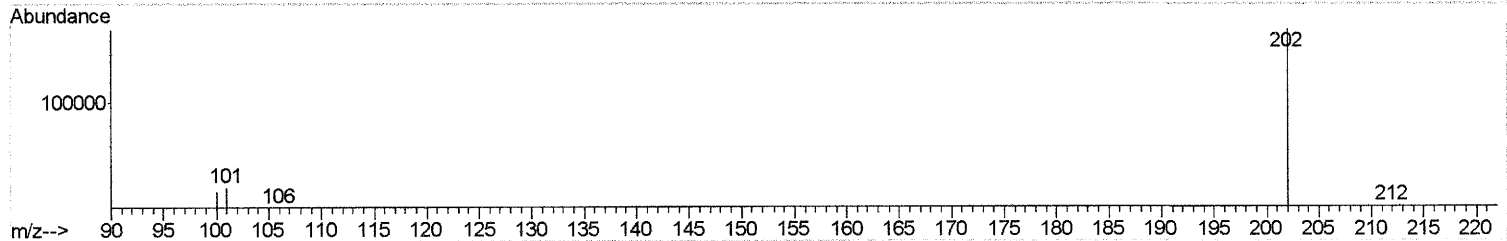
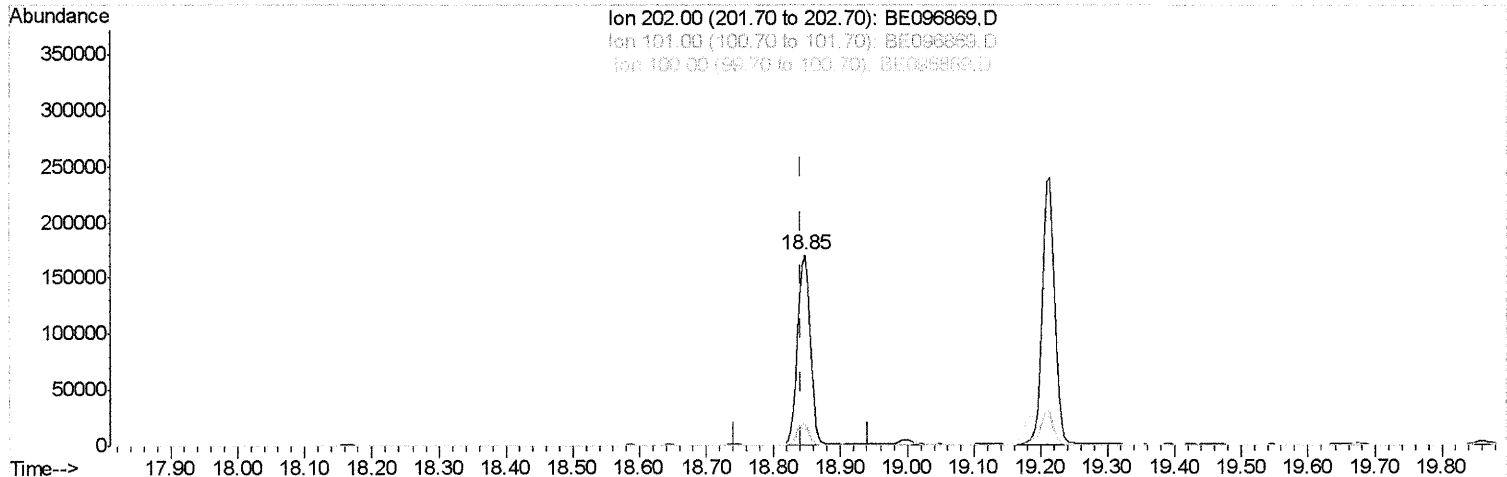
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:59:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
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TIC: BE096869.D

(15) Fluoranthene (C)

18.846min (+0.003) 2.72ng/ul m

SJ 7/11/18

response 226296

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 11.14 |
| 100.00 | 19.50 | 8.68  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

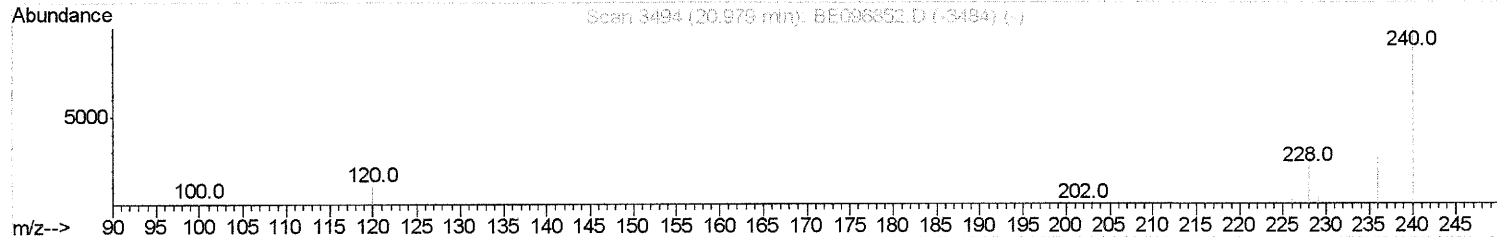
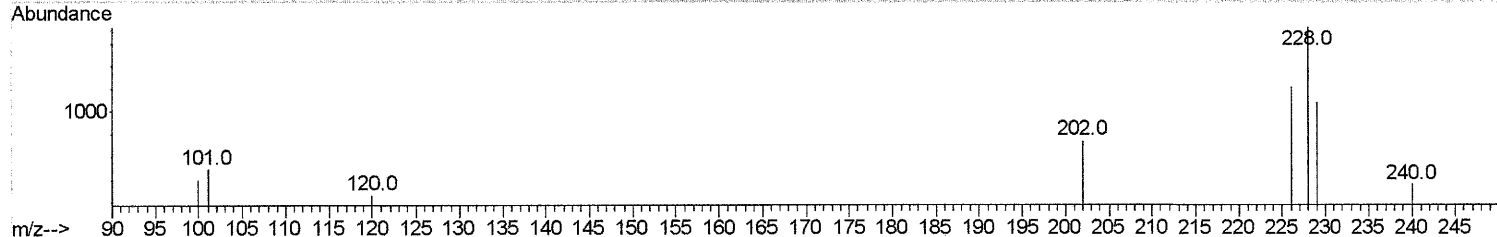
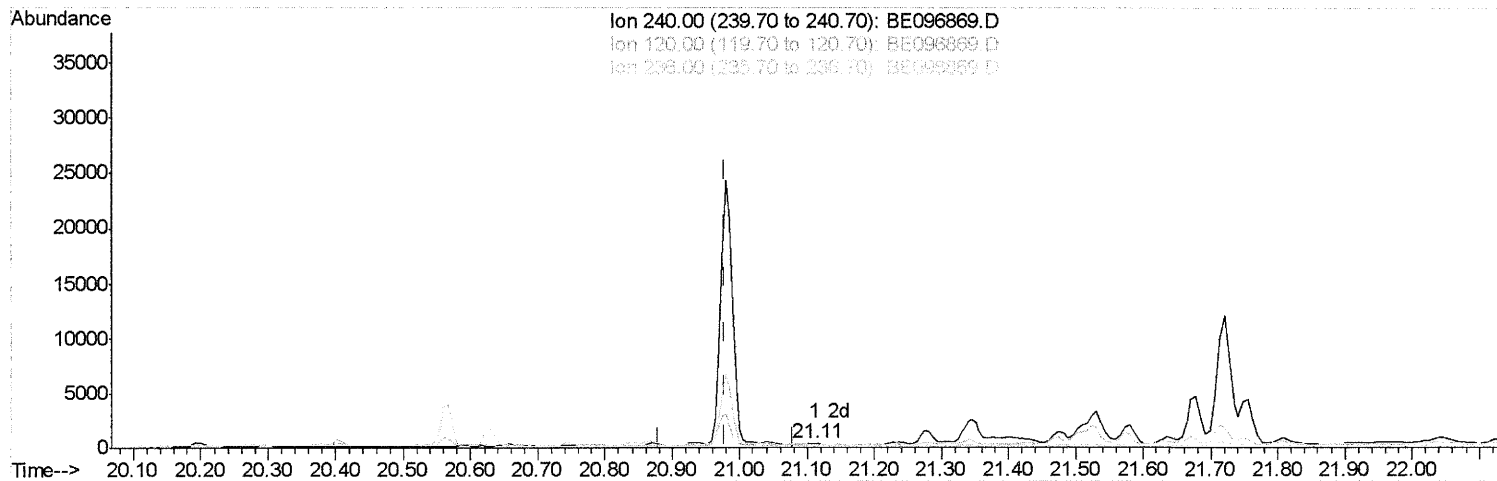
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
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Instrument :  
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Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

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TIC: BE096869.D

(16) Chrysene-d12 (I)

21.112min (+0.133) 0.40ng/ul

response 175

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 73.43# |
| 236.00 | 34.90 | 47.71# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

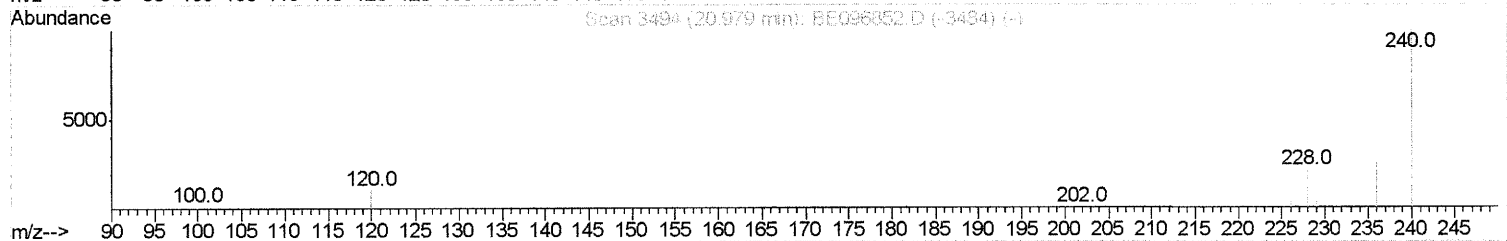
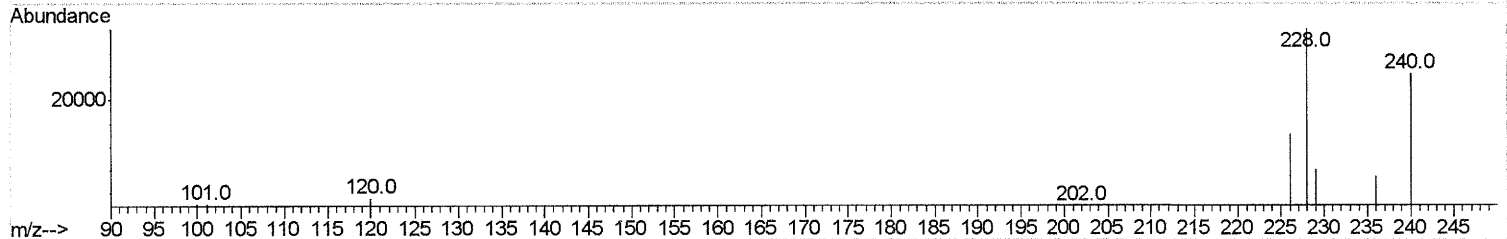
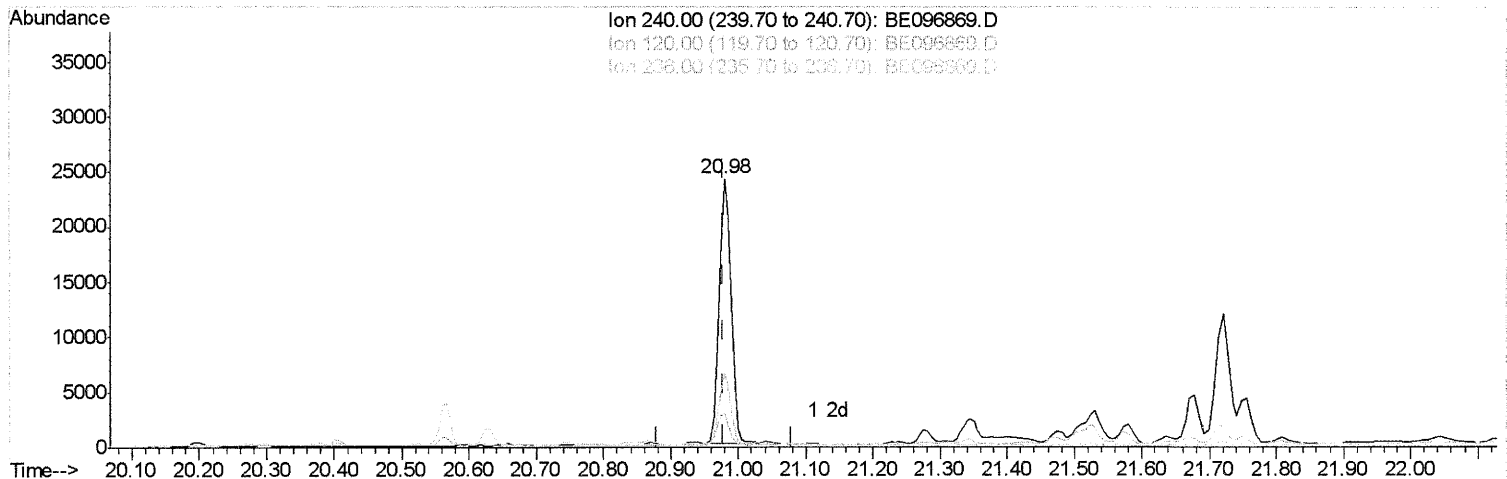
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
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 F1H05

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Sohil  
 7/9/2018 4:14:15 PM

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TIC: BE096869.D

(16) Chrysene-d12 (I)

20.979min (+0.000) 0.40ng/ul m

*SJ 7/11/18*

response 29452

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 12.80# |
| 236.00 | 34.90 | 27.63# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

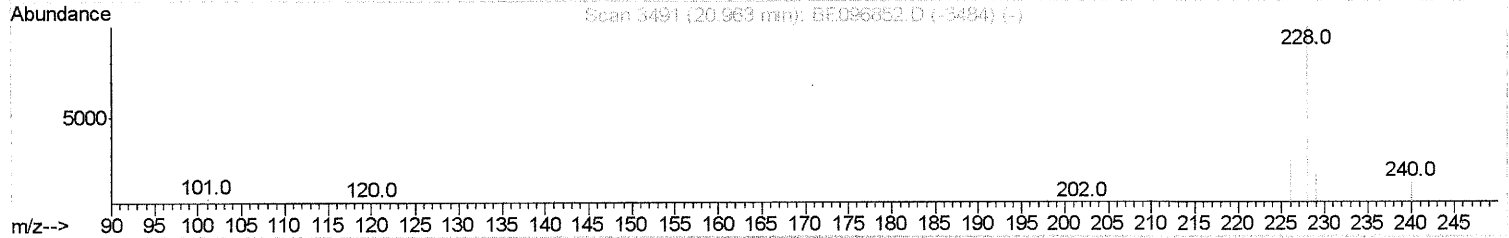
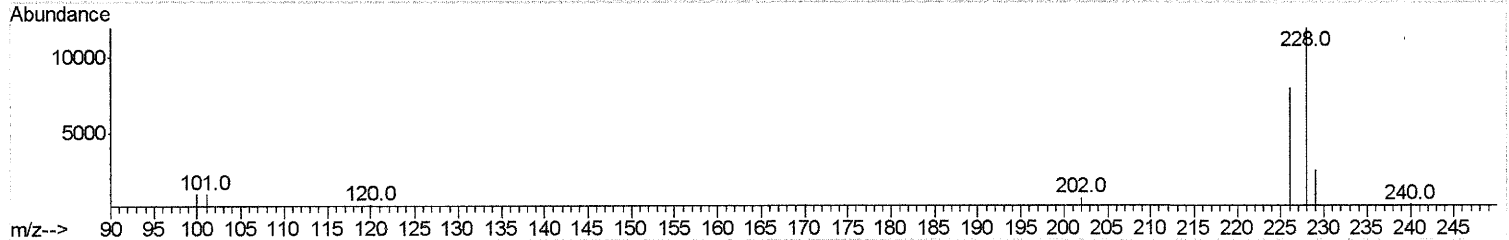
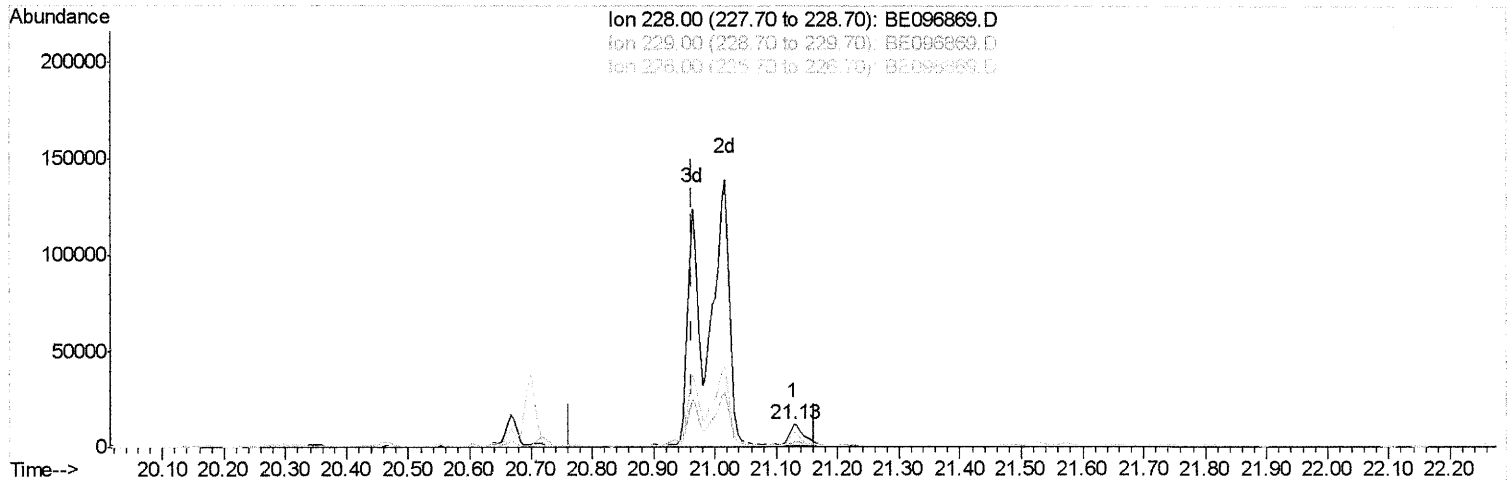
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
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Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 03:26:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
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(18) Benzo(a)anthracene

21.127min (+0.164) 0.29ng/ul

response 20195

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 21.41# |
| 226.00 | 21.30 | 66.90# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

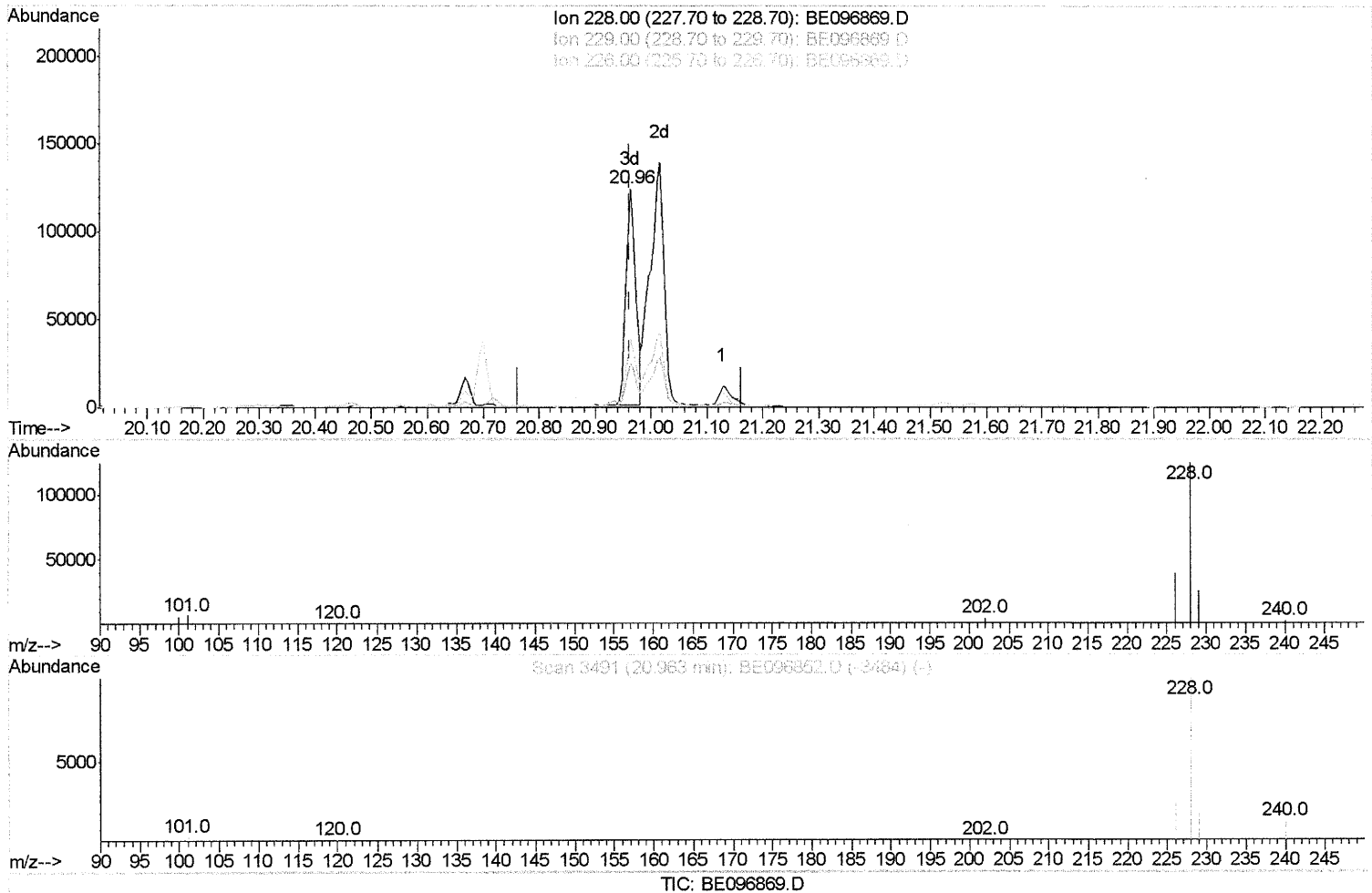
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
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Instrument :  
 BNA\_E  
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 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

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(18) Benzo(a)anthracene

20.963min (+0.000) 2.14ng/ul m

*SJ 7/11/18*

response 148882

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 20.62# |
| 226.00 | 21.30 | 31.09# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

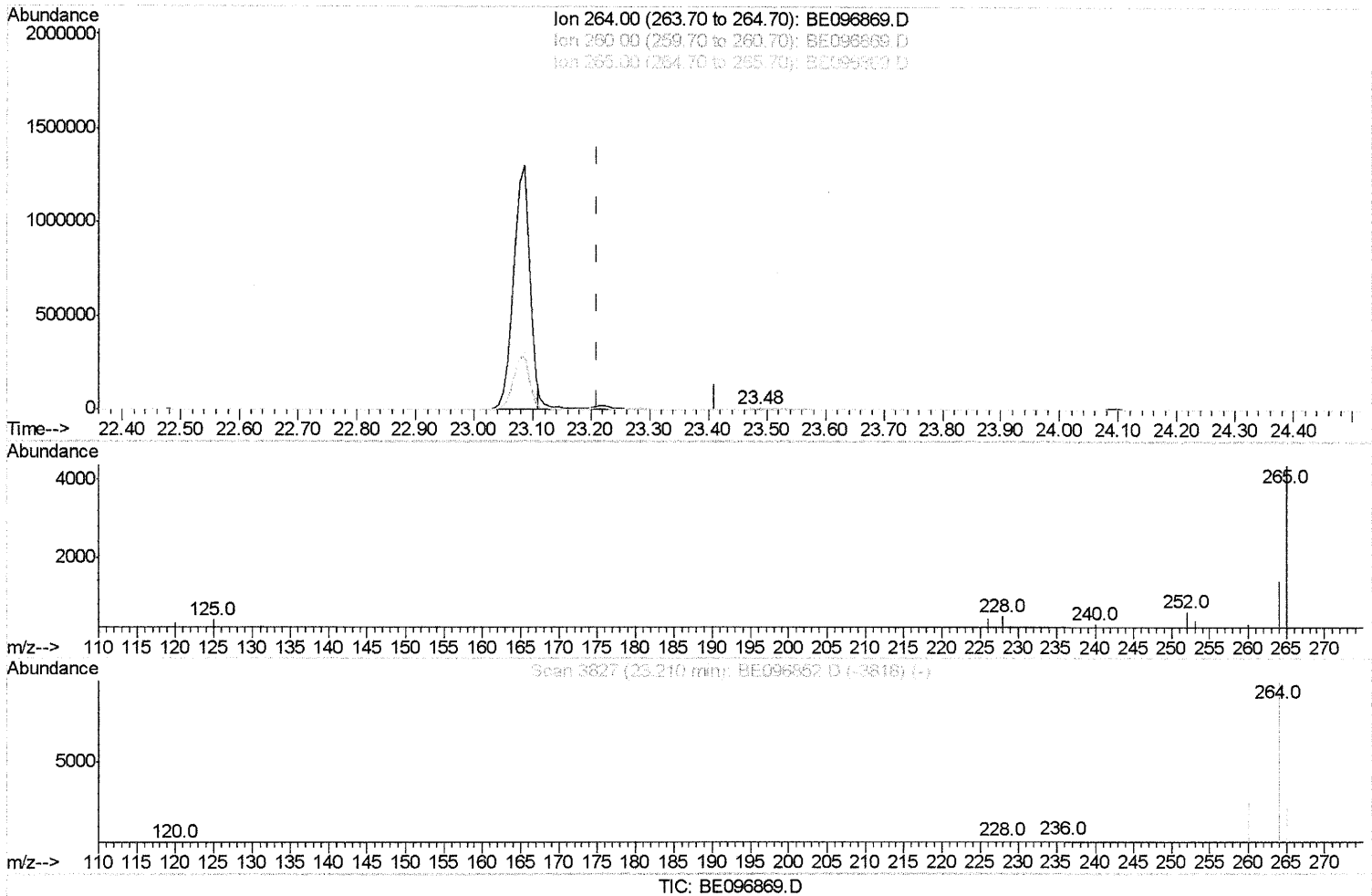
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 03:26:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.485min (+0.274) 0.40ng/ul

response 954

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100    | 100     |
| 260.00 | 30.10  | 20.95#  |
| 265.00 | 103.50 | 309.91# |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

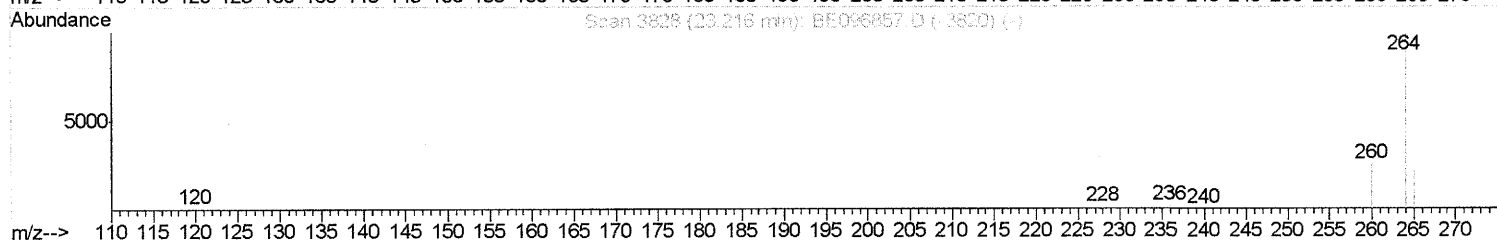
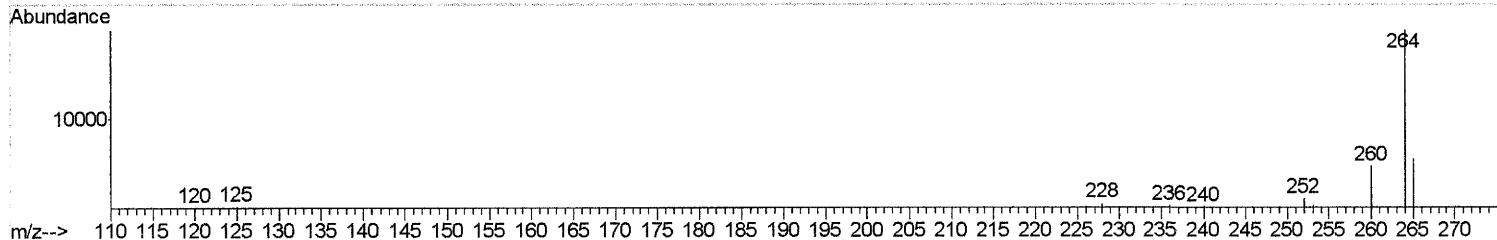
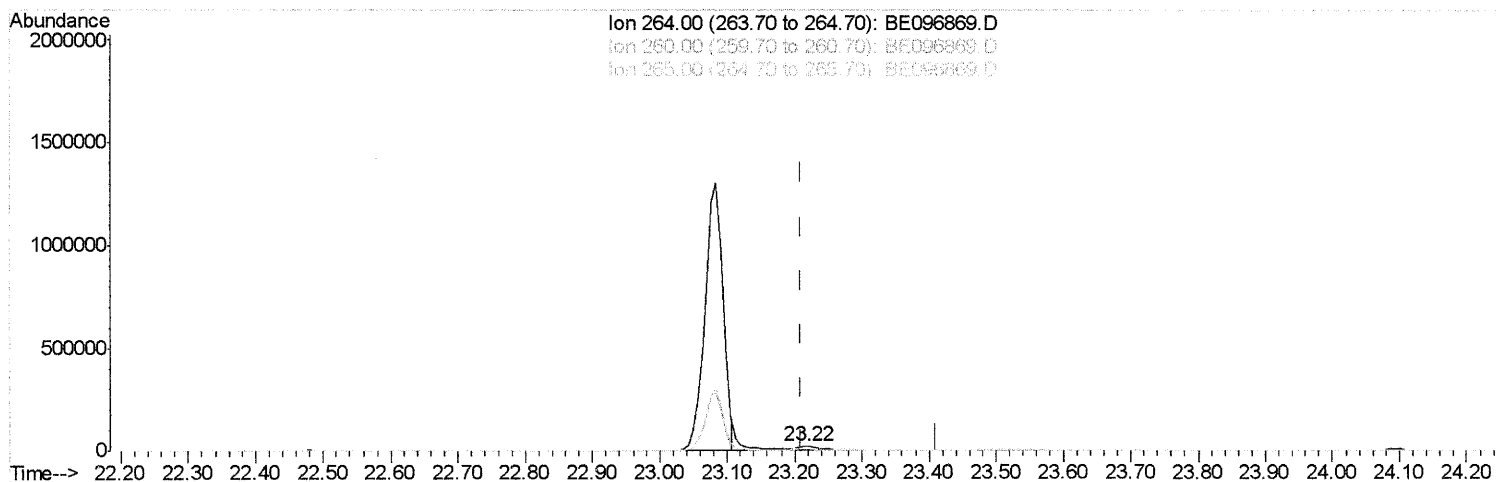
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:59:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



TIC: BE096869.D

(20) Perylene-d12 (I)

23.218min (+0.007) 0.40ng/ul m

SJ 7/11/18

response 26007

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 24.38  |
| 265.00 | 103.50 | 28.21# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

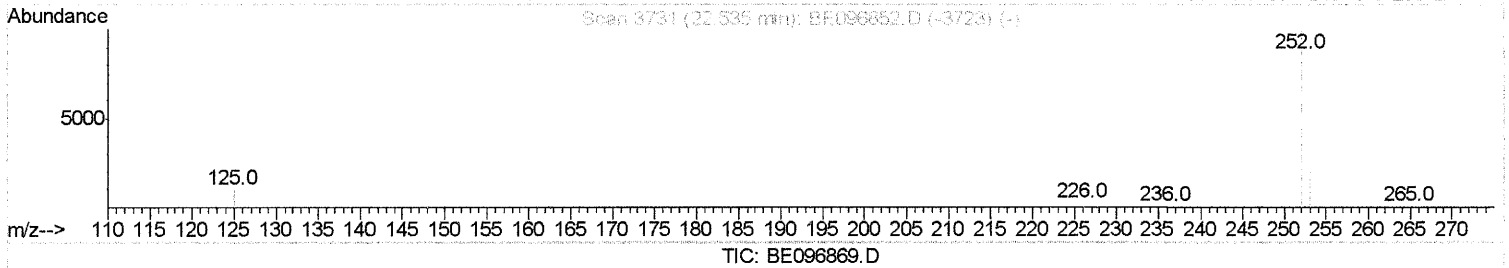
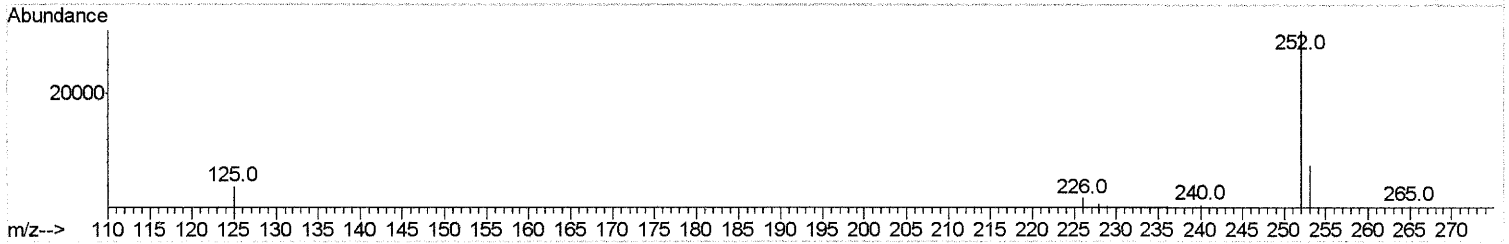
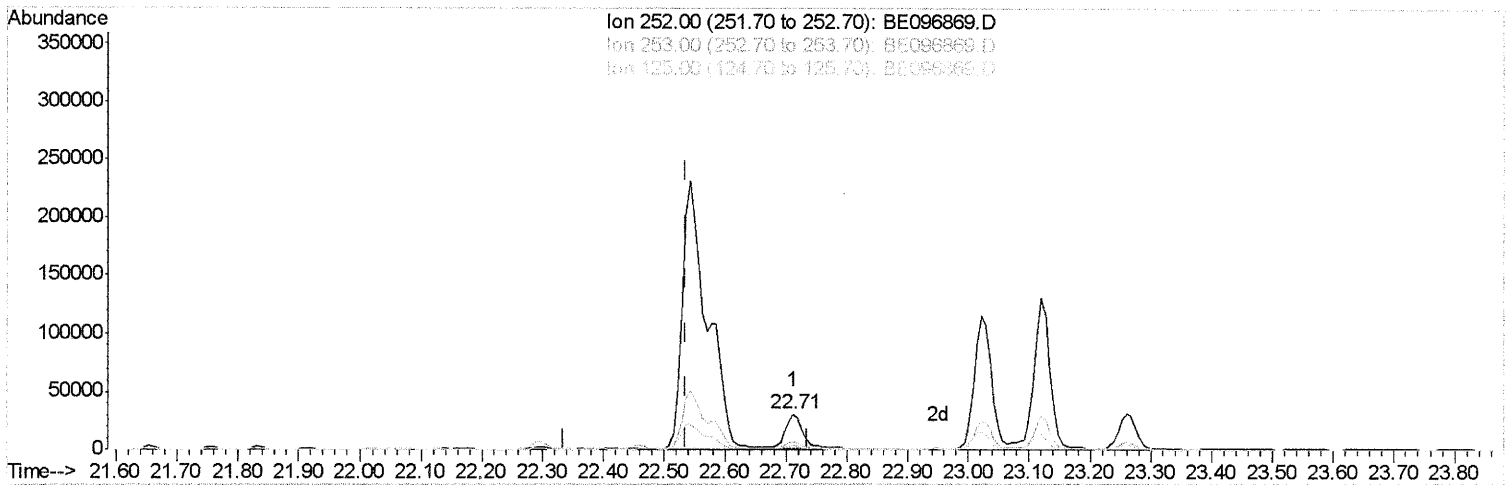
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene  
 22.711min (+0.176) 0.72ng/ul  
 response 62839  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 24.24 |
| 125.00 | 17.50 | 12.33 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

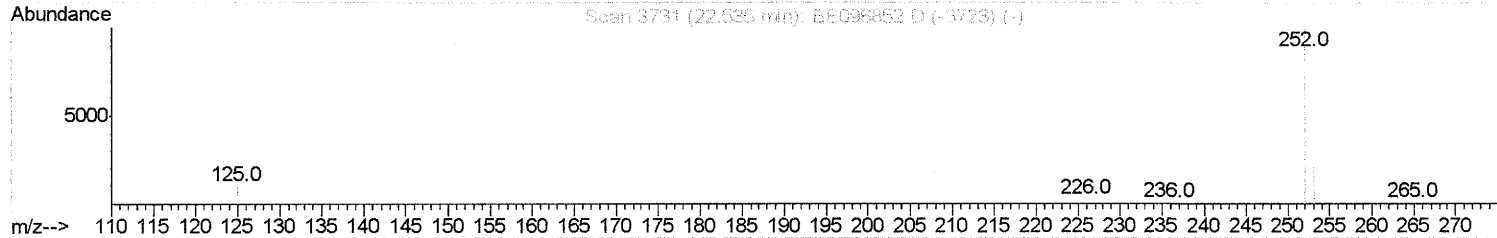
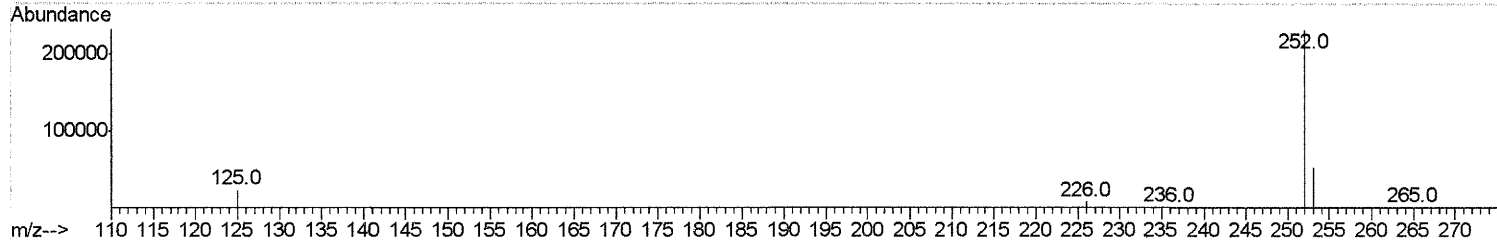
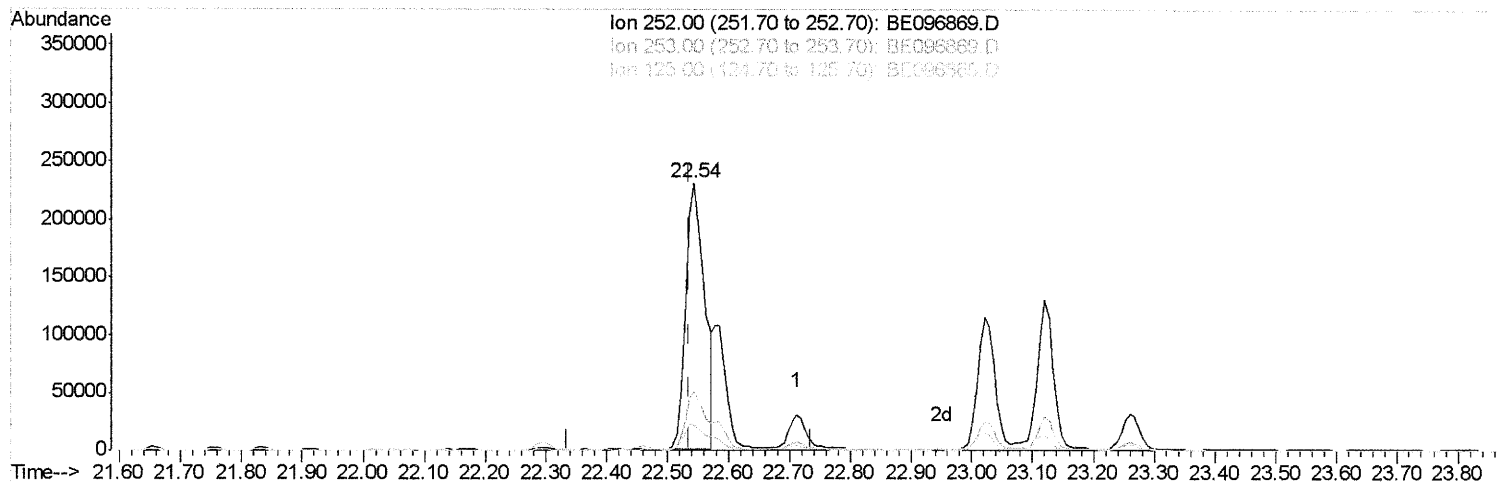
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



TIC: BE096869.D

(21) Benzo(b)fluoranthene

22.543min (+0.007) 5.74ng/ul m

*SJ 7/11/18*

response 502113

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.38 |
| 125.00 | 17.50 | 9.73  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

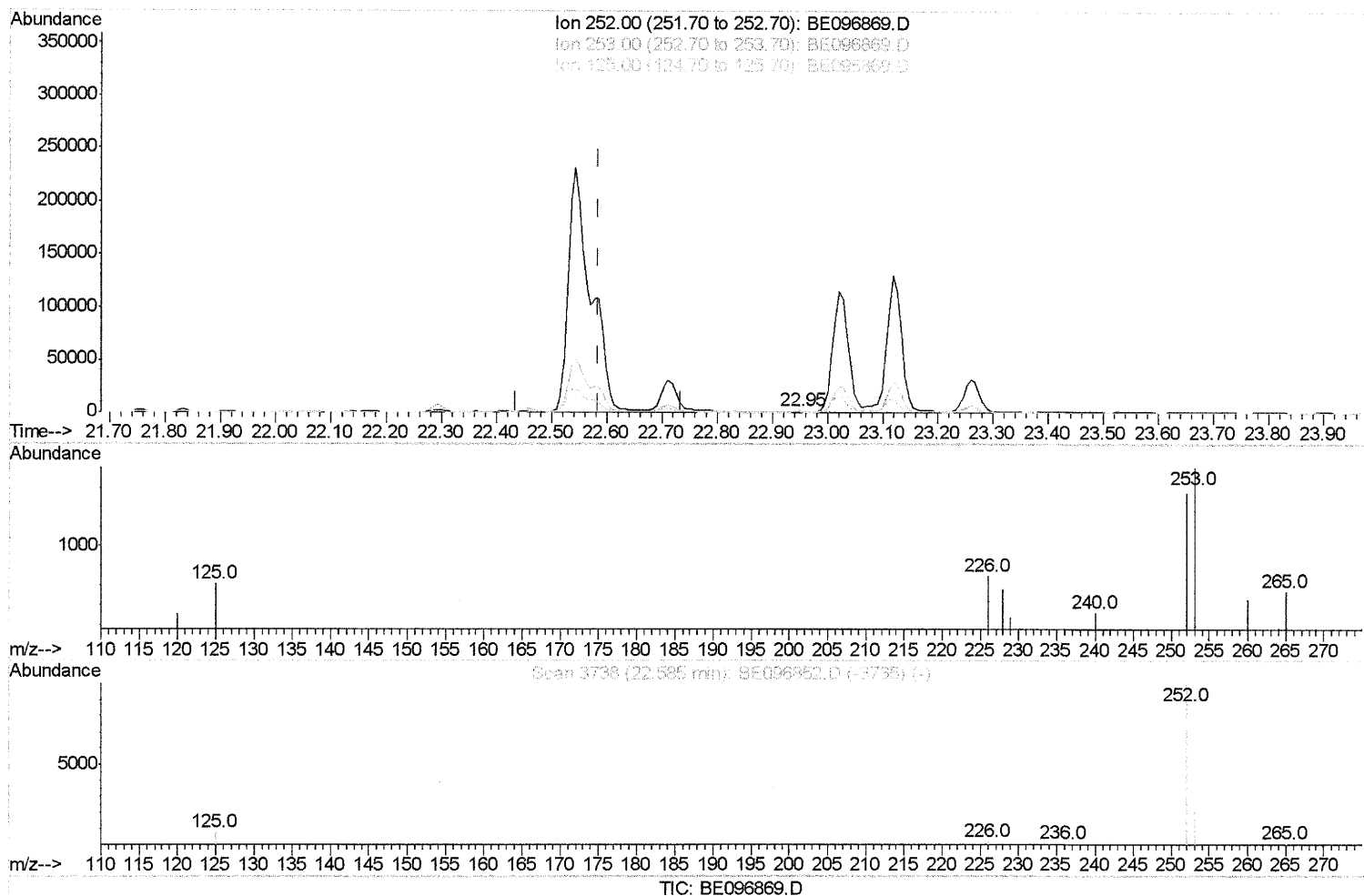
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.950min (+0.366) 0.02ng/ul

response 1935

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 117.21# |
| 125.00 | 17.10 | 39.84#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

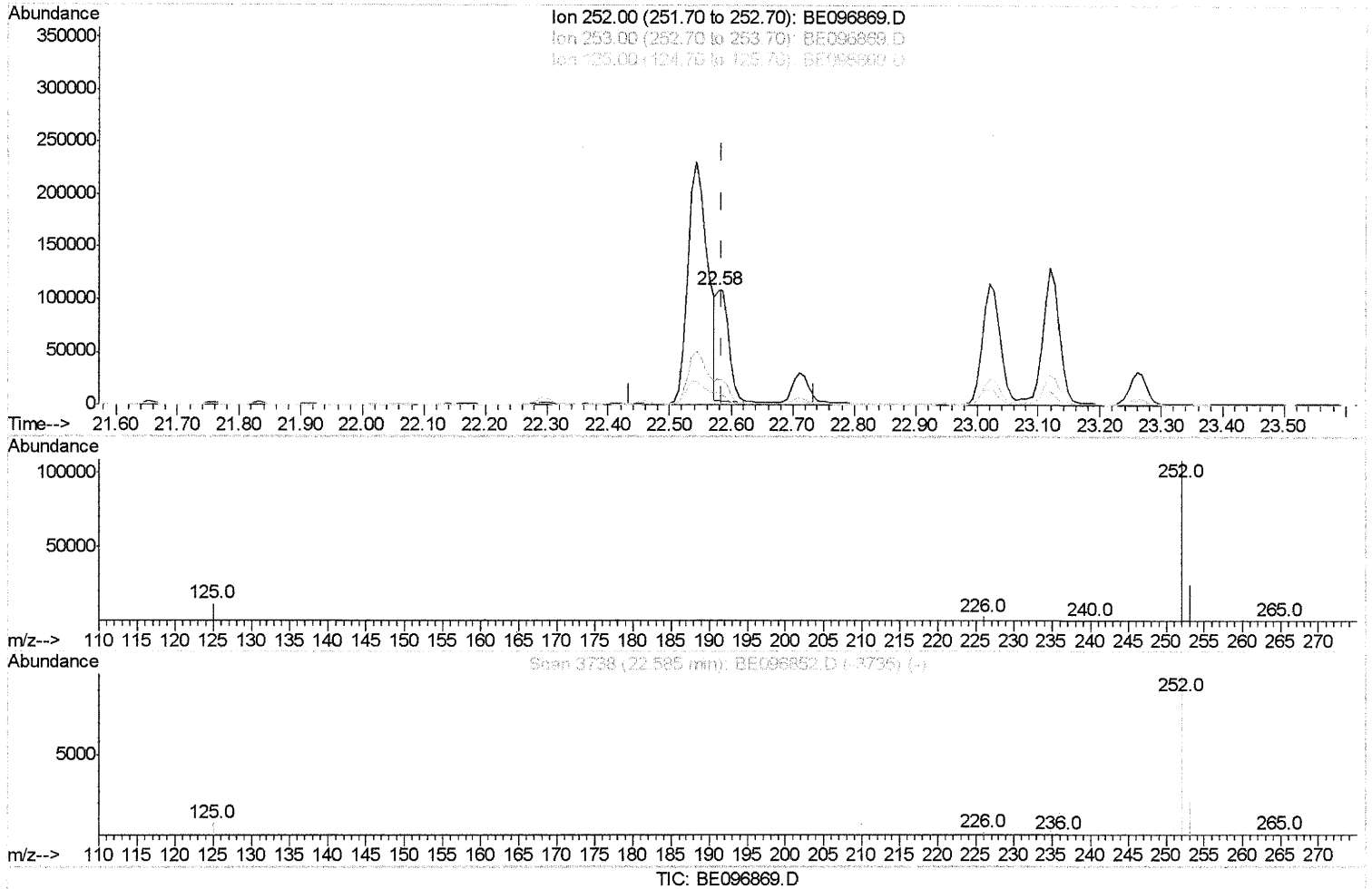
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.578min (-0.007) 1.53ng/ul m

SJ 7/11/18

response 145748

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 22.81# |
| 125.00 | 17.10 | 10.49# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

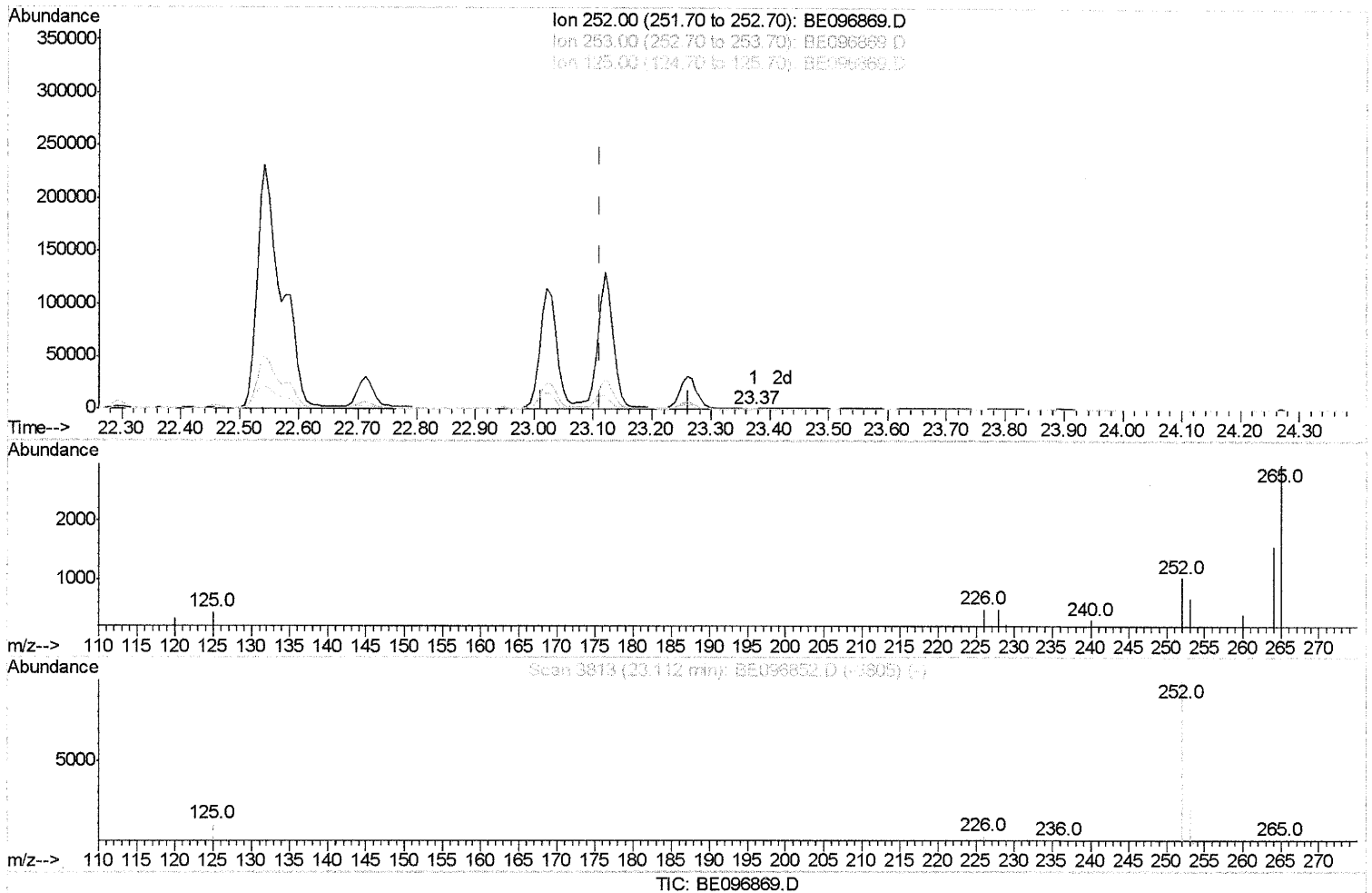
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)  
 23.372min (+0.260) 0.01ng/ul  
 response 546  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 65.07# |
| 125.00 | 22.60 | 41.66# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

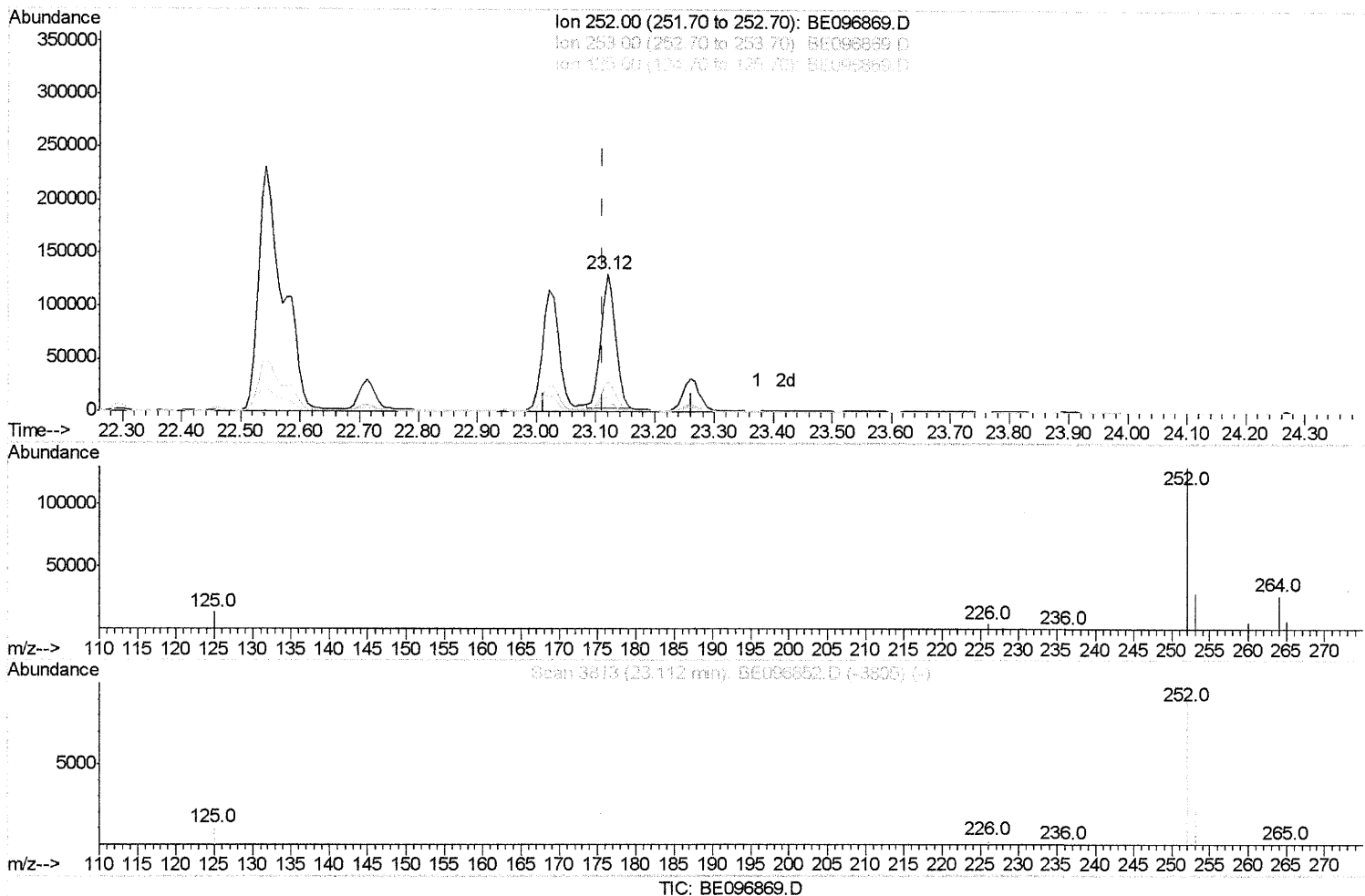
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.119min (+0.007) 2.98ng/ul m

*SJ 7/11/18*

response 220472

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 22.21# |
| 125.00 | 22.60 | 10.25# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

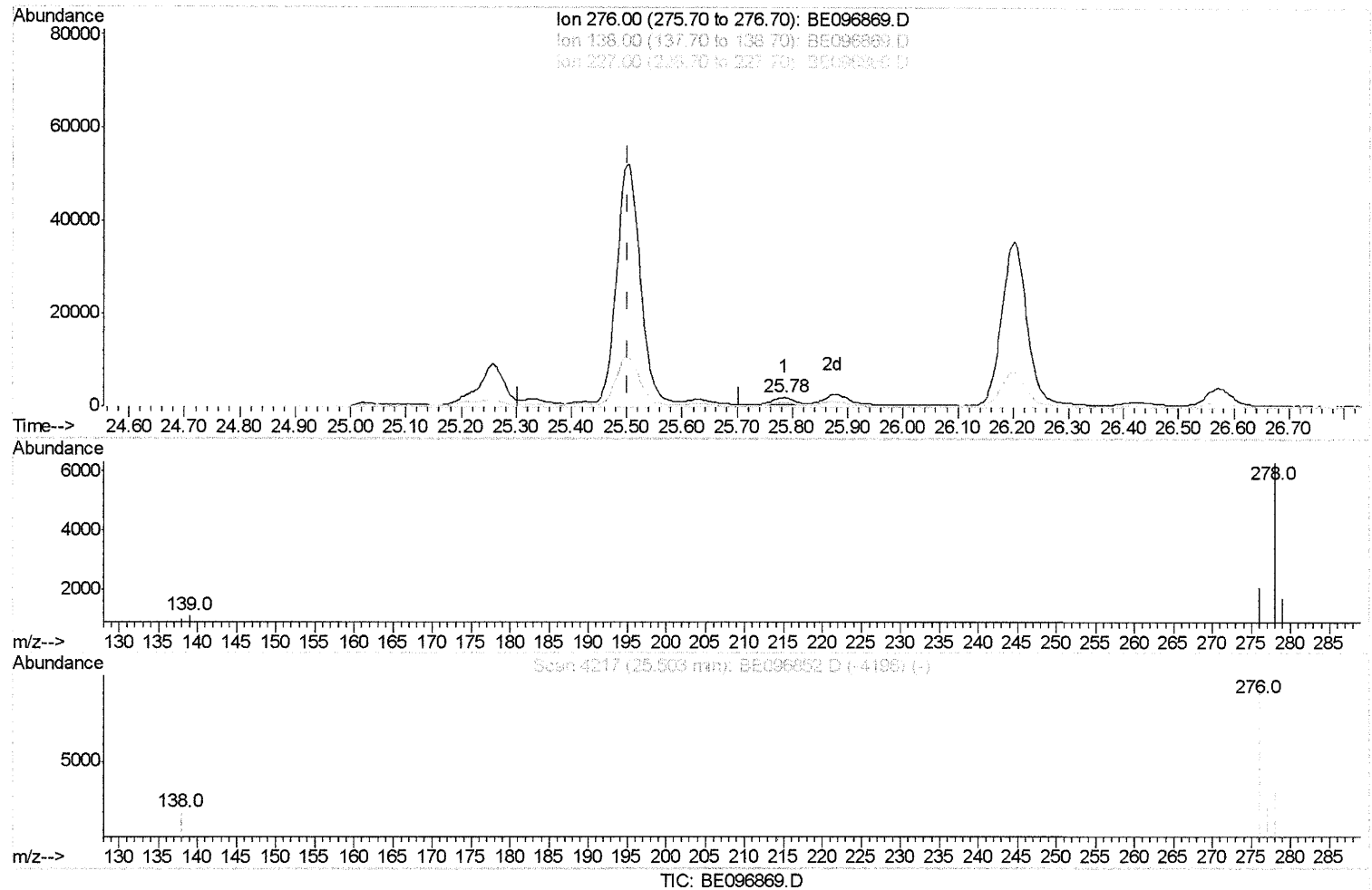
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



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

25.785min (+0.281) 0.06ng/ul

response 4459

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 35.00 | 48.04# |
| 227.00 | 10.00 | 0.00#  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

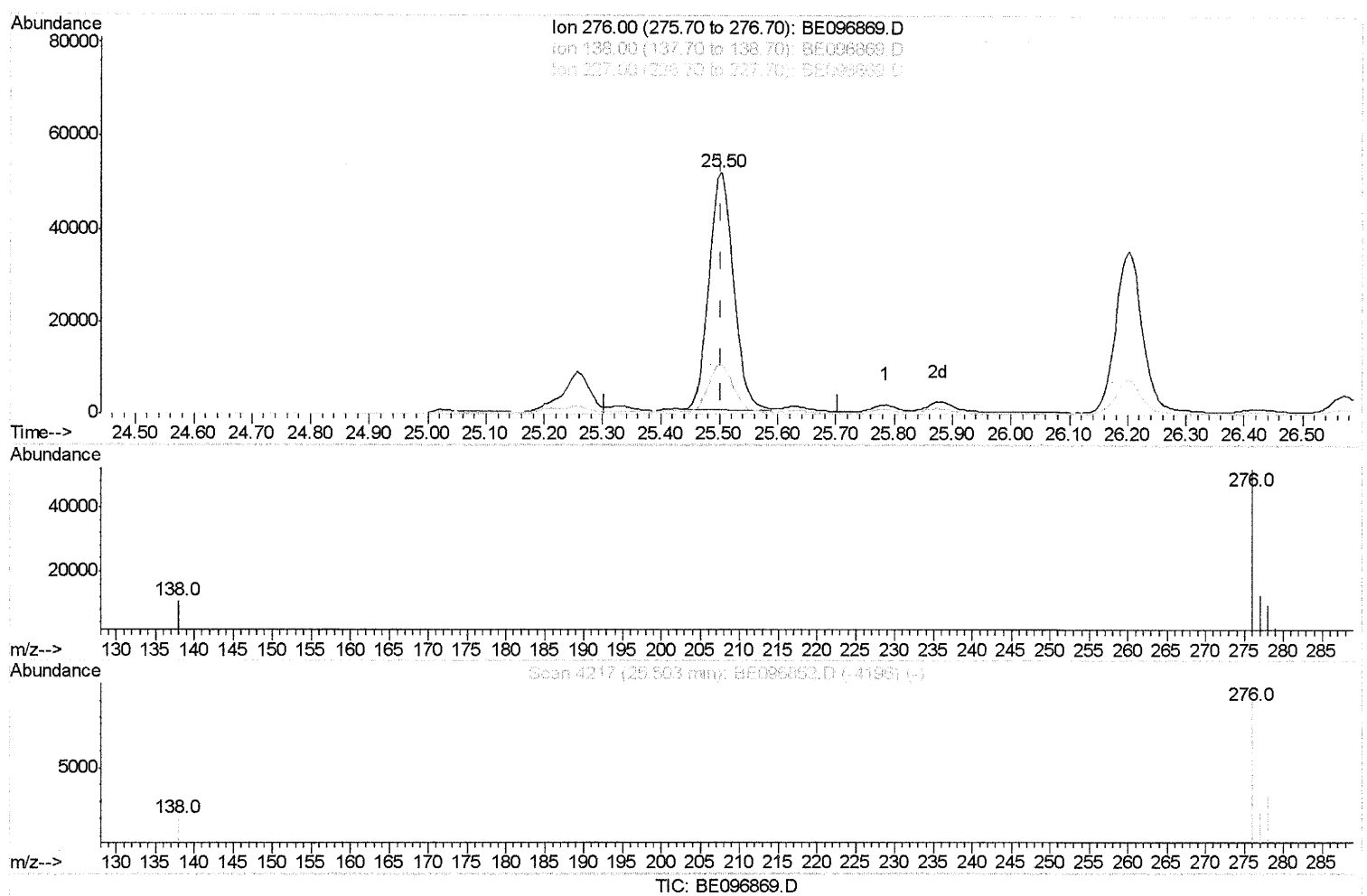
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



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

25.503min (-0.000) 1.97ng/ul m

*SJ 7/11/18*

response 151297

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 1.42# |
| 227.00 | 10.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

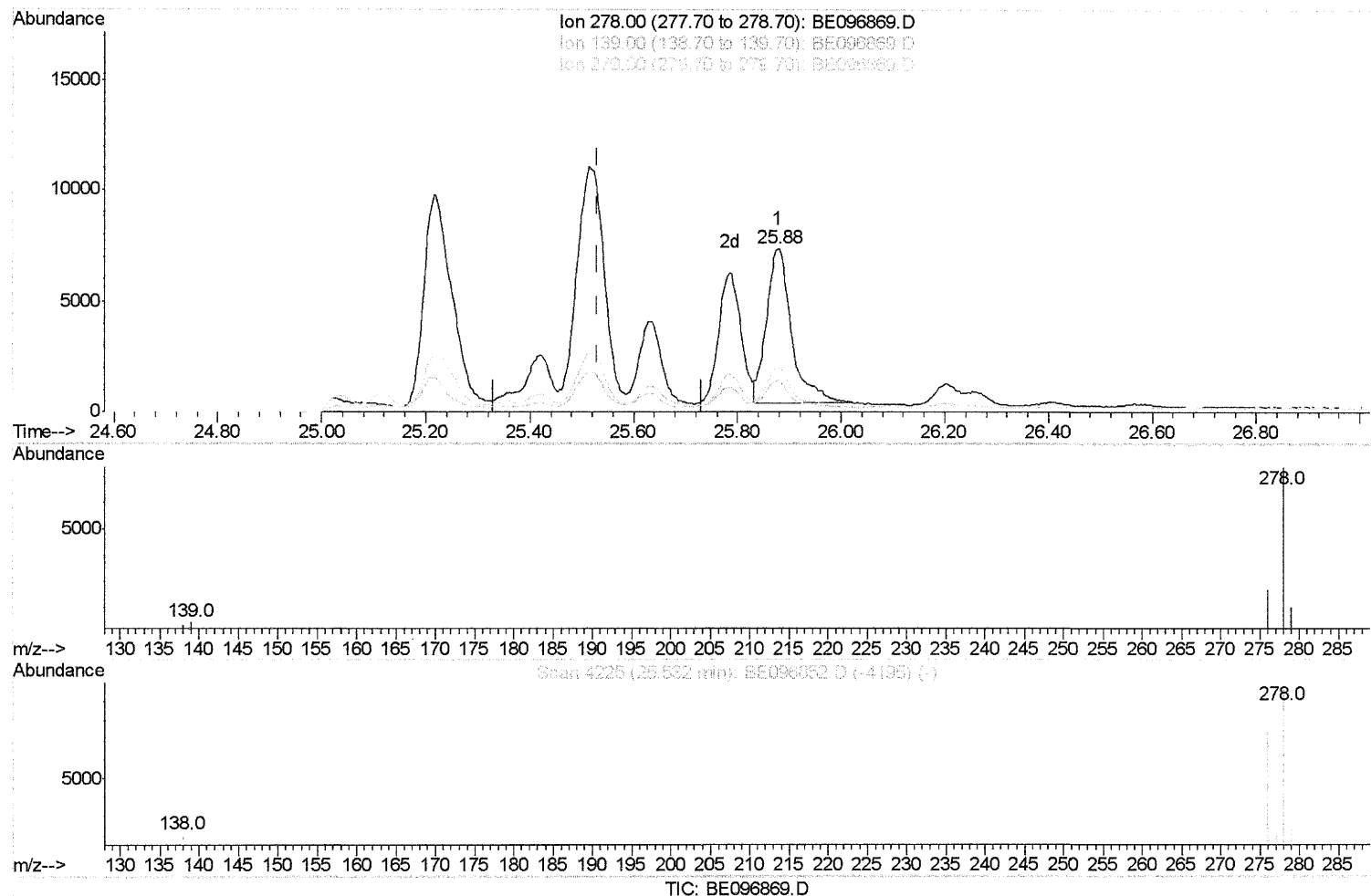
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.877min (+0.345) 0.39ng/ul

response 23634

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 21.70 | 19.90 |
| 279.00 | 32.40 | 27.23 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

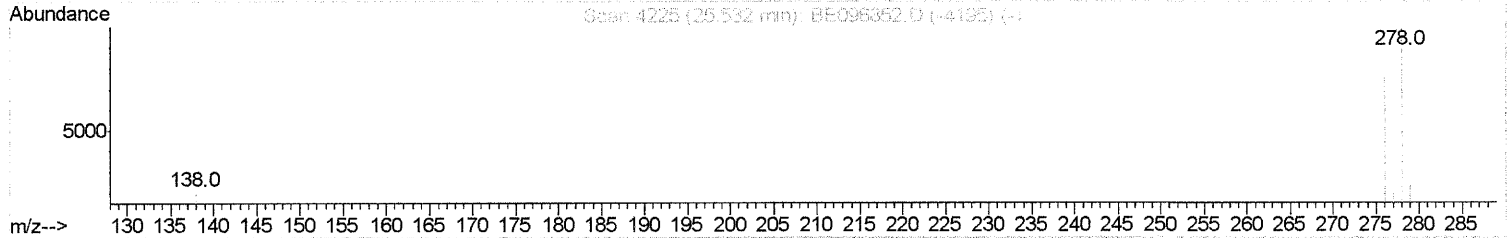
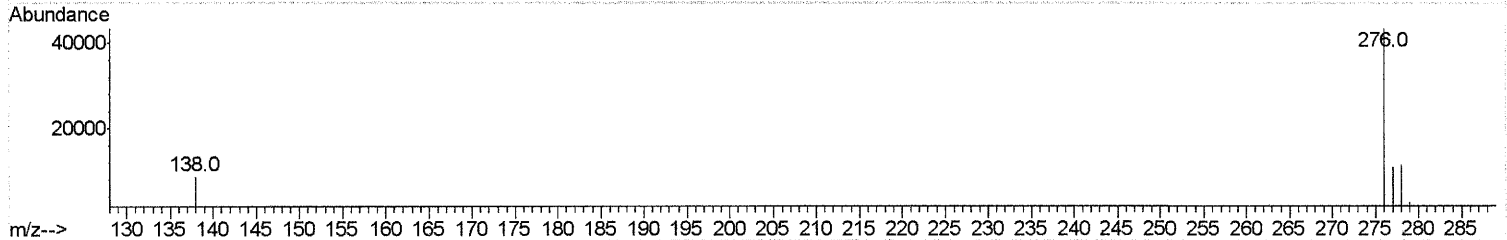
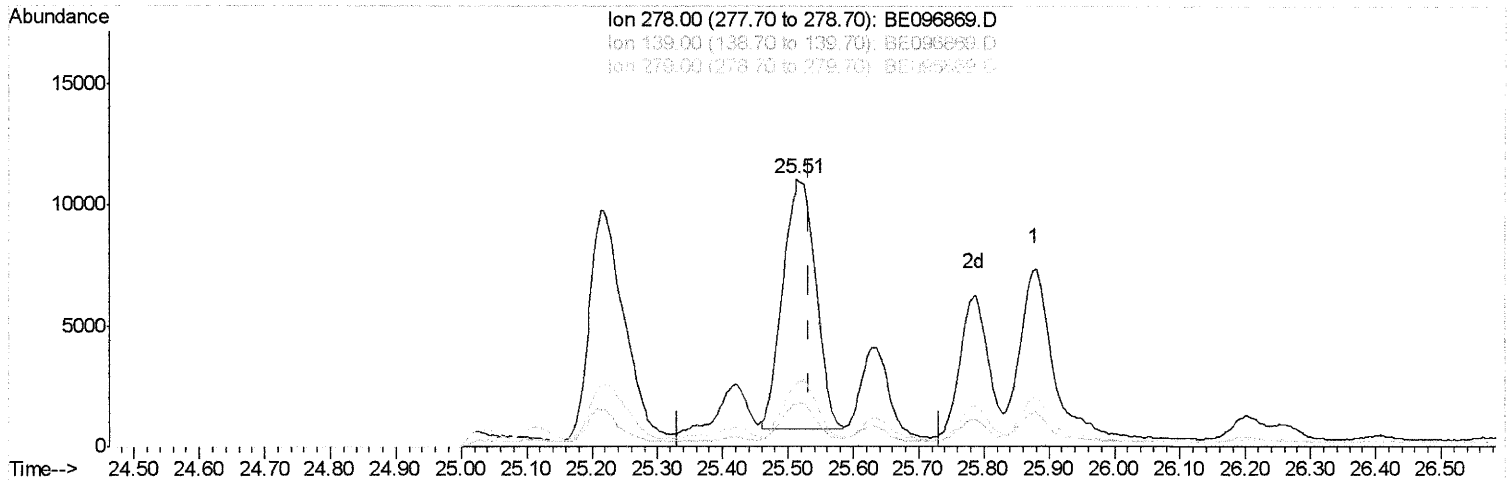
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.514min (-0.018) 0.59ng/ul m

*SJ 7/11/18*

response 36040

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 21.70 | 16.22# |
| 279.00 | 32.40 | 24.28# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

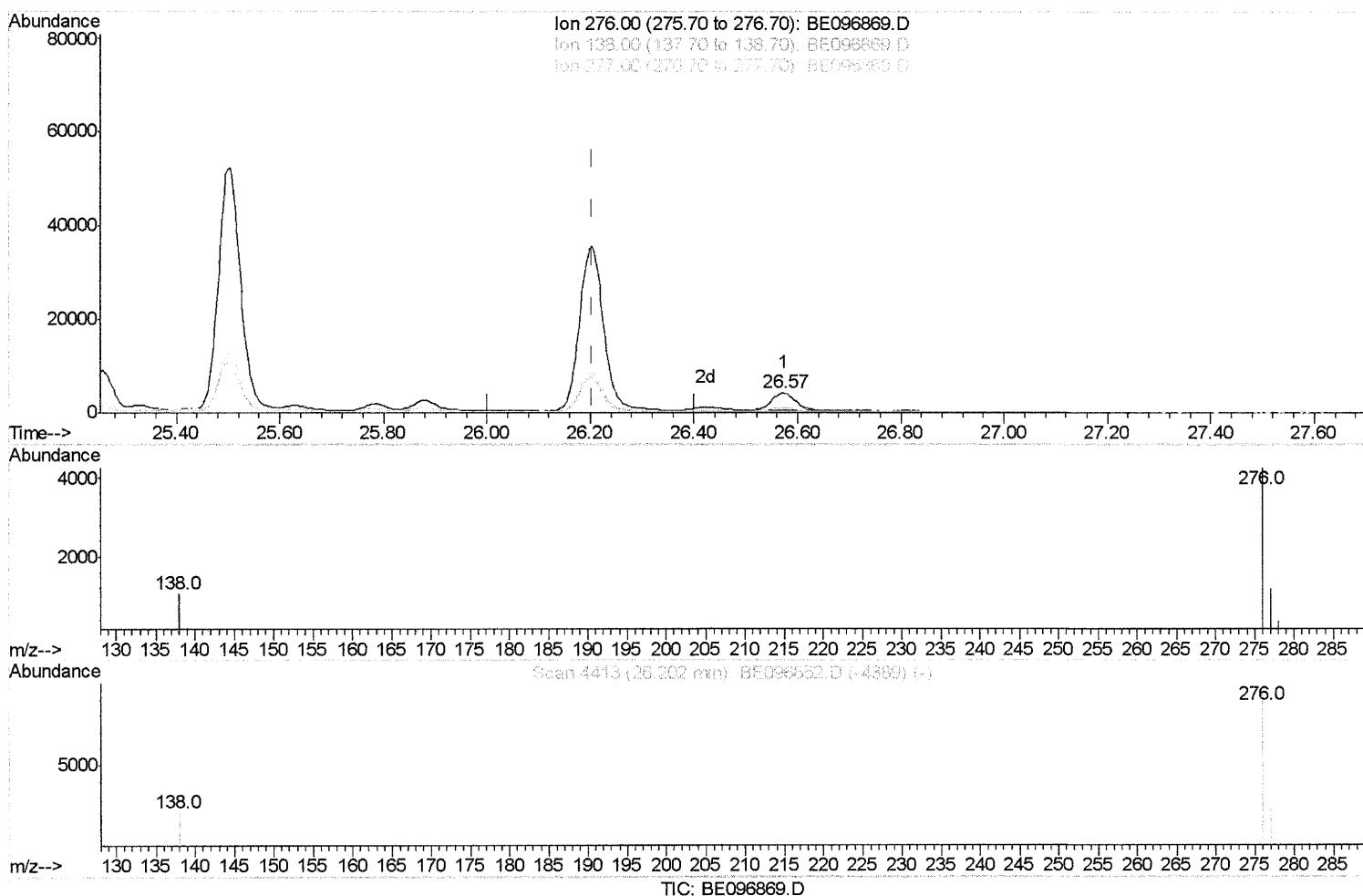
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene  
 26.573min (+0.370) 0.17ng/ul  
 response 13001  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 27.30 | 25.05 |
| 277.00 | 25.60 | 28.05 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

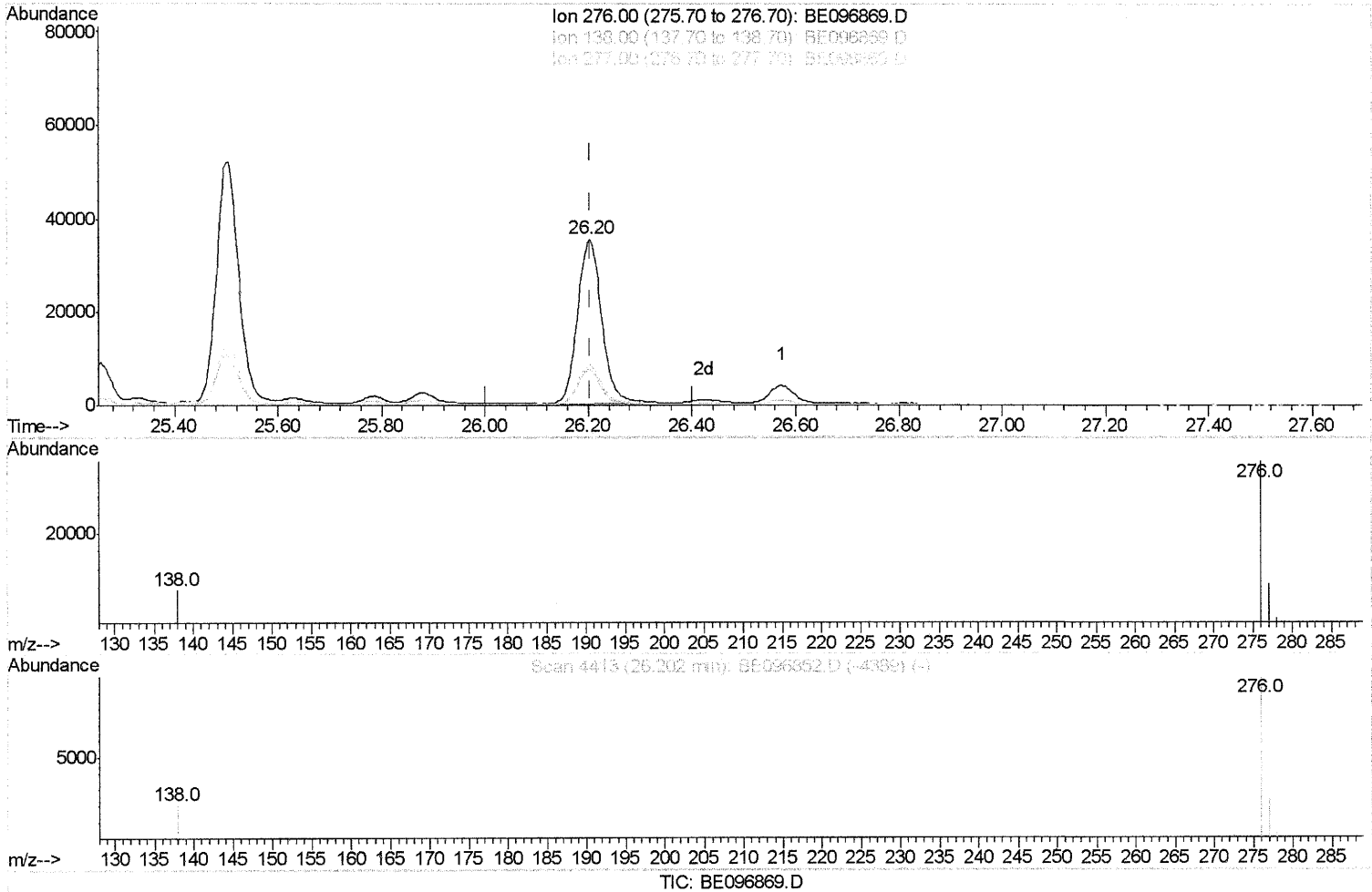
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096869.D  
 Acq On : 7 Jul 2018 00:56  
 Operator : SJ/JU  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:15 PM

Quant Time: Jul 07 05:57:29 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



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

26.202min (-0.000) 1.52ng/ul m

SJ 7/11/18

response 113411

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 27.30 | 21.08# |
| 277.00 | 25.60 | 24.48  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (QT Reviewed)

Instrument :  
BNA\_E  
ClientSampleId :  
F1H05

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
Data File : BE096869.D  
Acq On : 7 Jul 2018 00:56  
Operator : SJ/JU  
Sample : J3721-19  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Manual Integrations  
APPROVED

Sohil  
7/9/2018 4:14:15 PM

Quant Time: Jul 09 05:38:42 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 06 16:55:25 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 3622     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.14 | 136  | 19407    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.03 | 164  | 13186    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.77 | 188  | 30280m   | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.98 | 240  | 29452m   | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.22 | 264  | 26007m   | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.74 | 152  | 10997    | 0.35 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.81 | 212  | 30329m   | 0.40 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 7) Acenaphthylene          | 13.74 | 152  | 16794    | 0.311 | ng/ul  | 97     |
| 12) Phenanthrene           | 16.82 | 178  | 14504m   | 0.186 | ng/ul  |        |
| 13) Anthracene             | 16.91 | 178  | 16488m   | 0.249 | ng/ul  |        |
| 15) Fluoranthene           | 18.85 | 202  | 226296m  | 2.721 | ng/ul  |        |
| 17) Pyrene                 | 19.21 | 202  | 304456   | 3.149 | ng/ul# | 79     |
| 18) Benzo(a)anthracene     | 20.96 | 228  | 148882m  | 2.143 | ng/ul  |        |
| 19) Chrysene               | 21.02 | 228  | 247758   | 2.753 | ng/ul  | 98     |
| 21) Benzo(b)fluoranthene   | 22.54 | 252  | 502113m  | 7.074 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.58 | 252  | 145748m  | 1.881 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.12 | 252  | 220472m  | 3.672 | ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 25.50 | 276  | 151297m  | 2.428 | ng/ul  |        |
| 25) Dibenzo(a,h)anthracene | 25.51 | 278  | 36040m   | 0.728 | ng/ul  |        |
| 26) Benzo(g,h,i)perylene   | 26.20 | 276  | 113411m  | 1.875 | ng/ul  |        |

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