

# Quantitation Report (QT Reviewed)

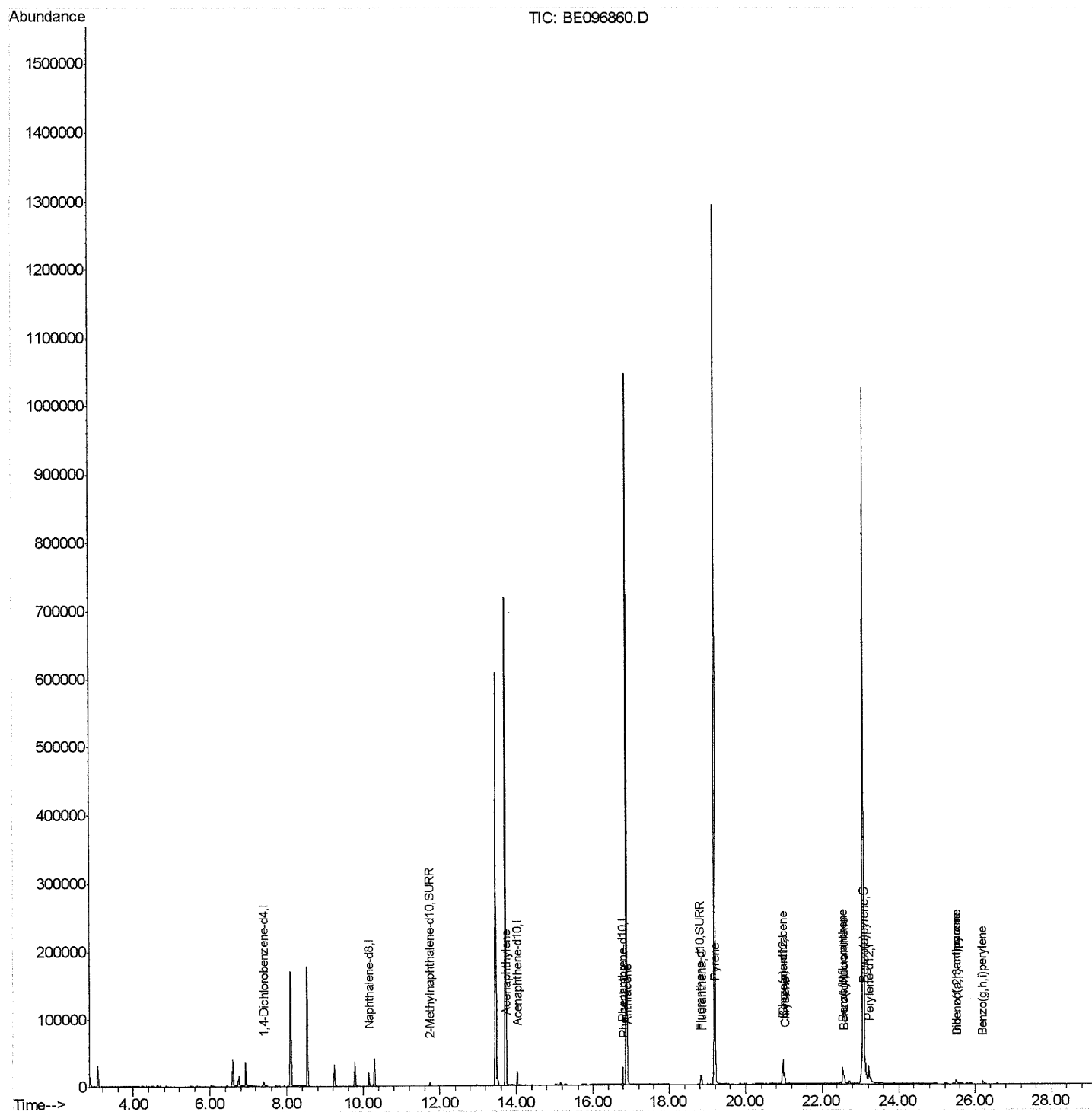
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 09 05:28:59 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)

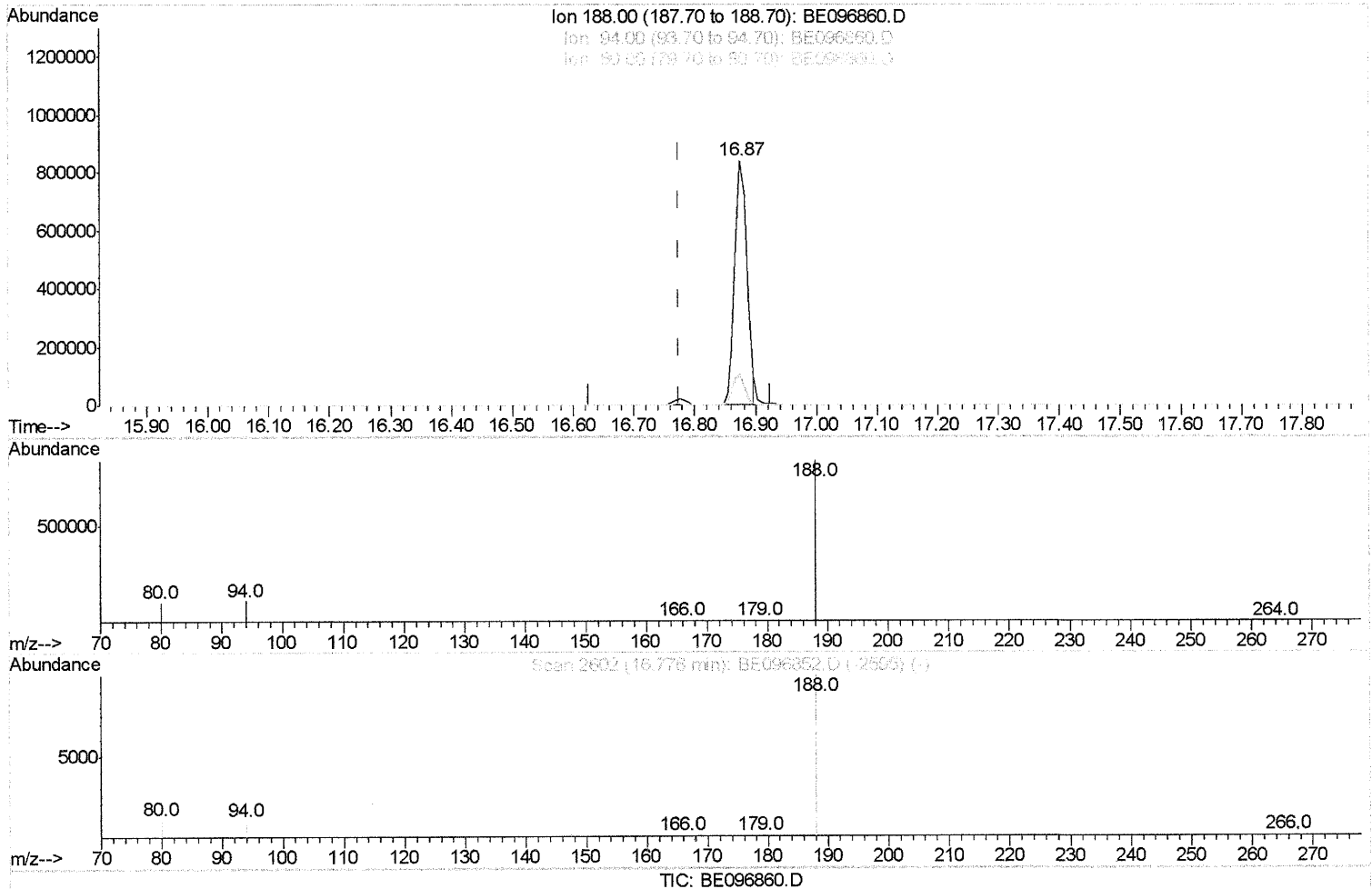
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:12:05 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)  
 16.874min (+0.098) 0.40ng/ul  
 response 1166947

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 12.74 |
| 80.00  | 11.80 | 11.76 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

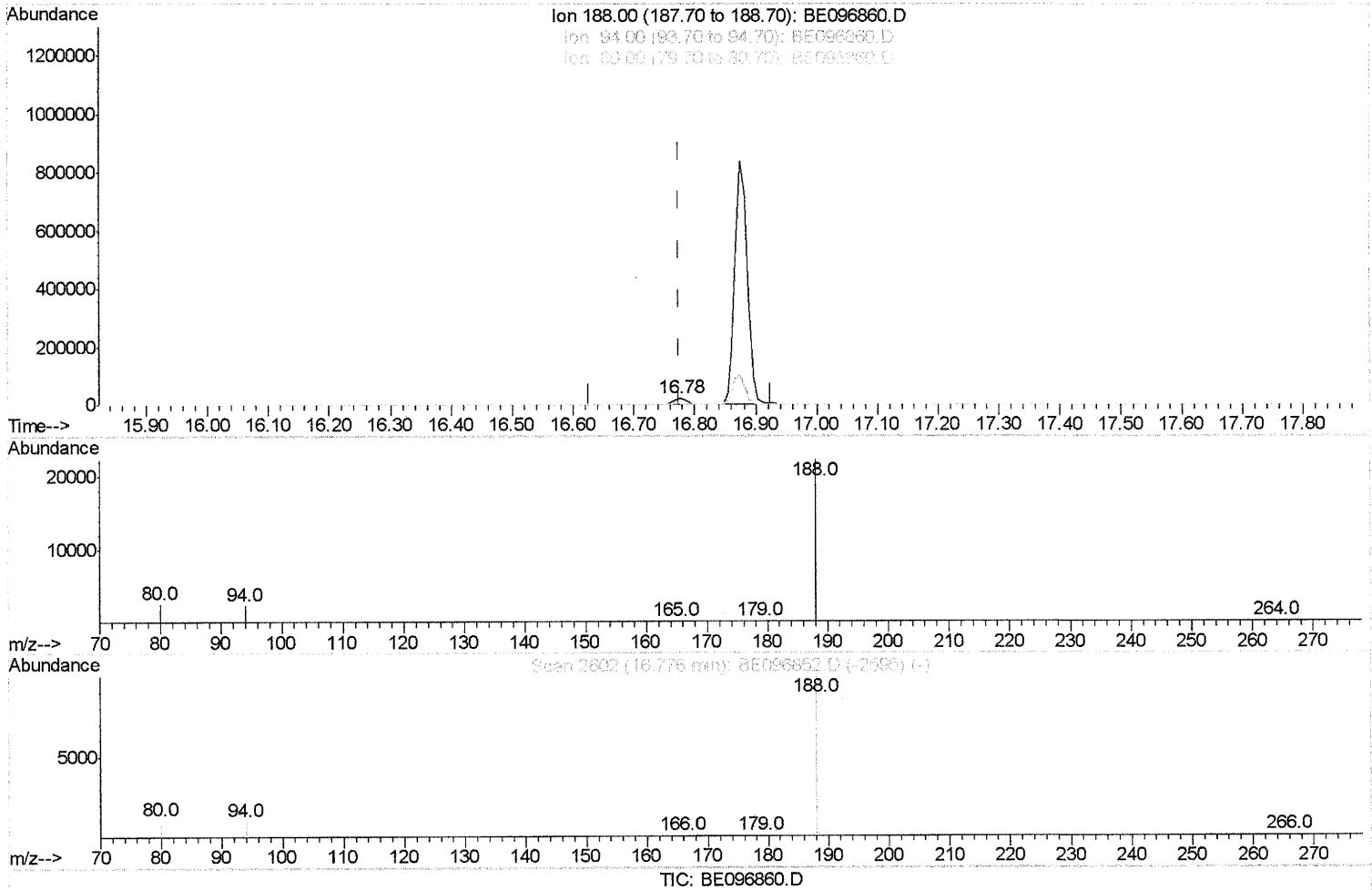
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:12:05 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 (-0.000) 0.40ng/ul m

SJ 7/11/18

response 30614

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 10.21 |
| 80.00  | 11.80 | 11.35 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

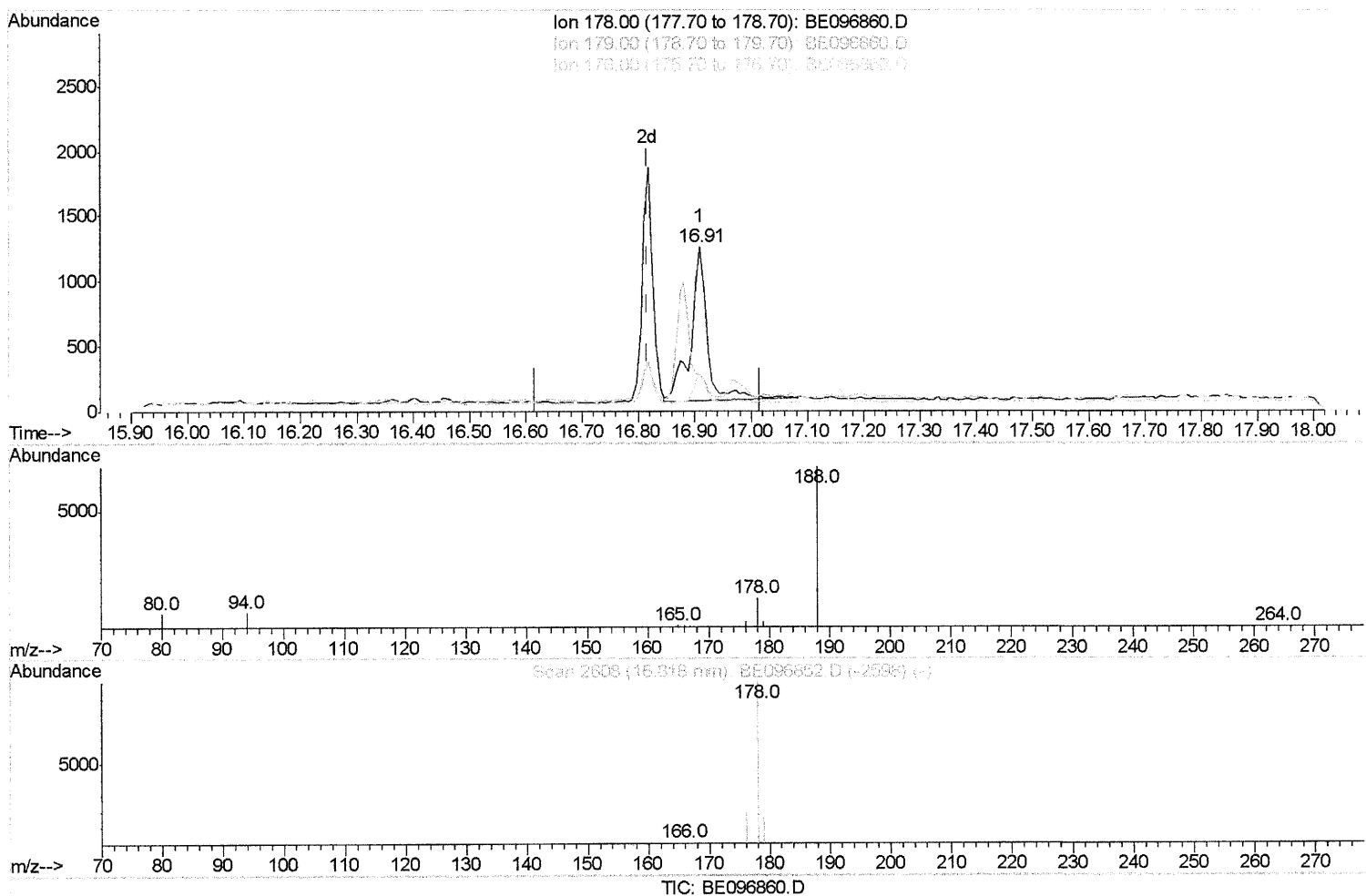
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:13:01 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) 0.03ng/ul  
 response 2384

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 22.41  |
| 176.00 | 17.00 | 22.96# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

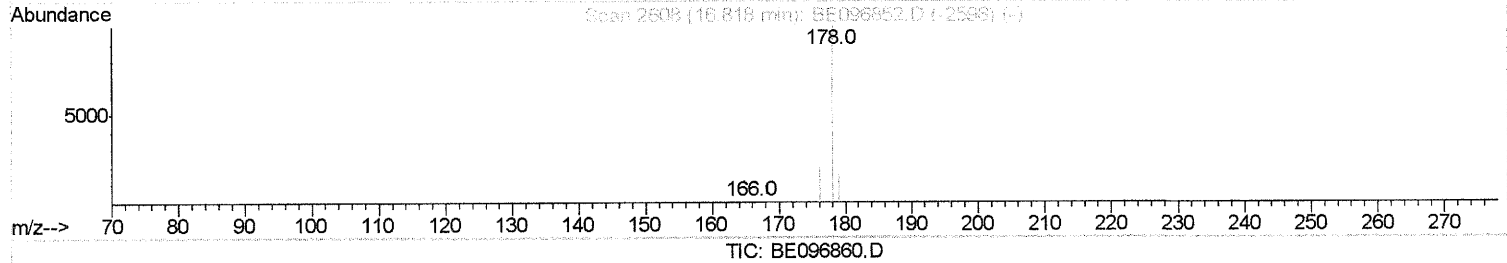
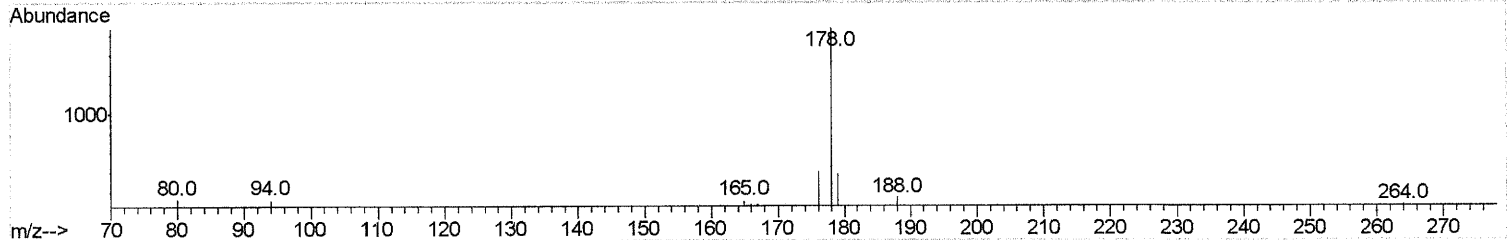
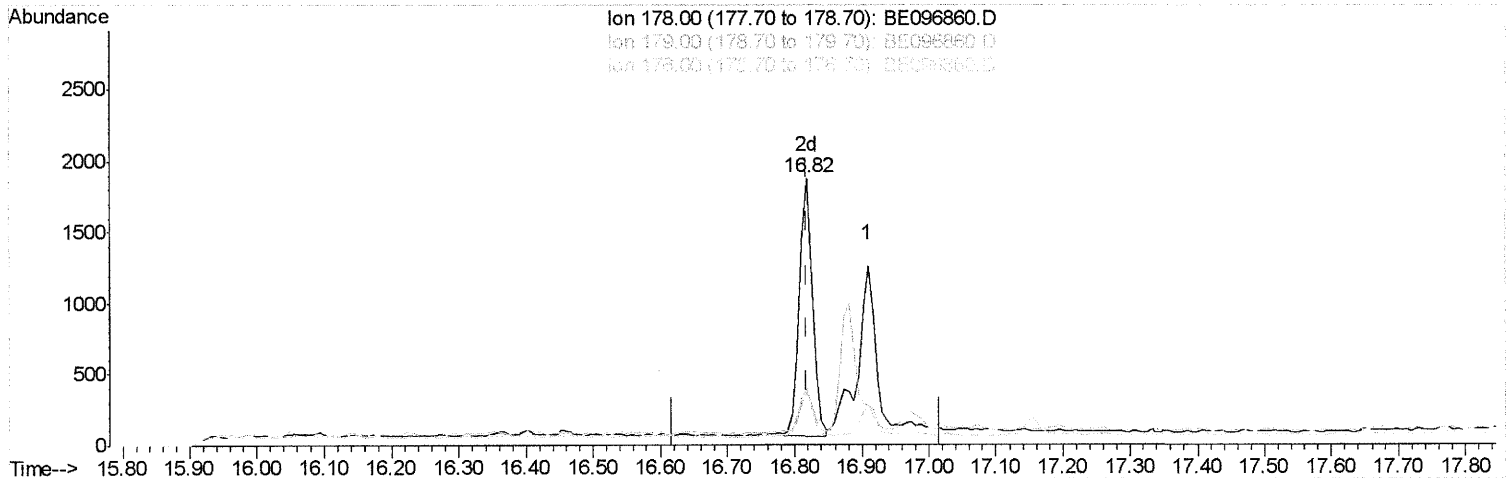
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 16:55:25 2018  
 Response via : Initial Calibration



(12) Phenanthrene

16.818min (-0.000) 0.03ng/ul m

SJ 7/11/18

response 2412

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 19.96  |
| 176.00 | 17.00 | 21.34# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

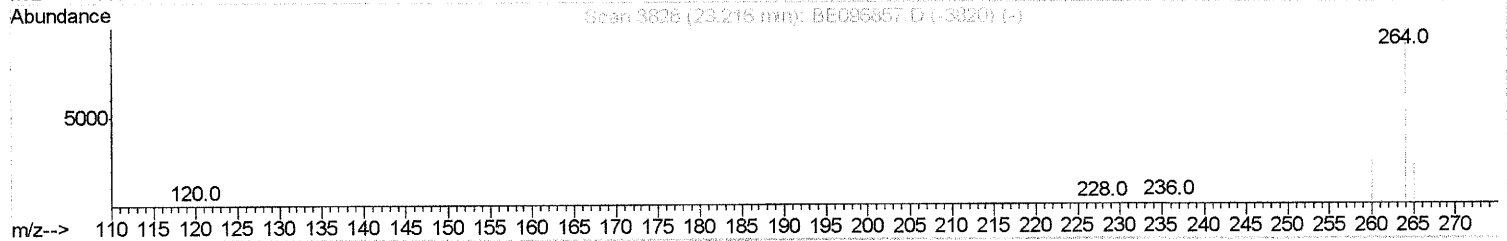
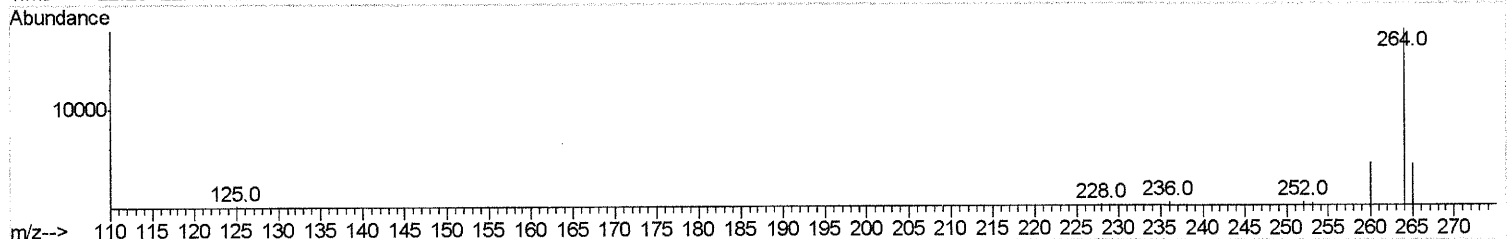
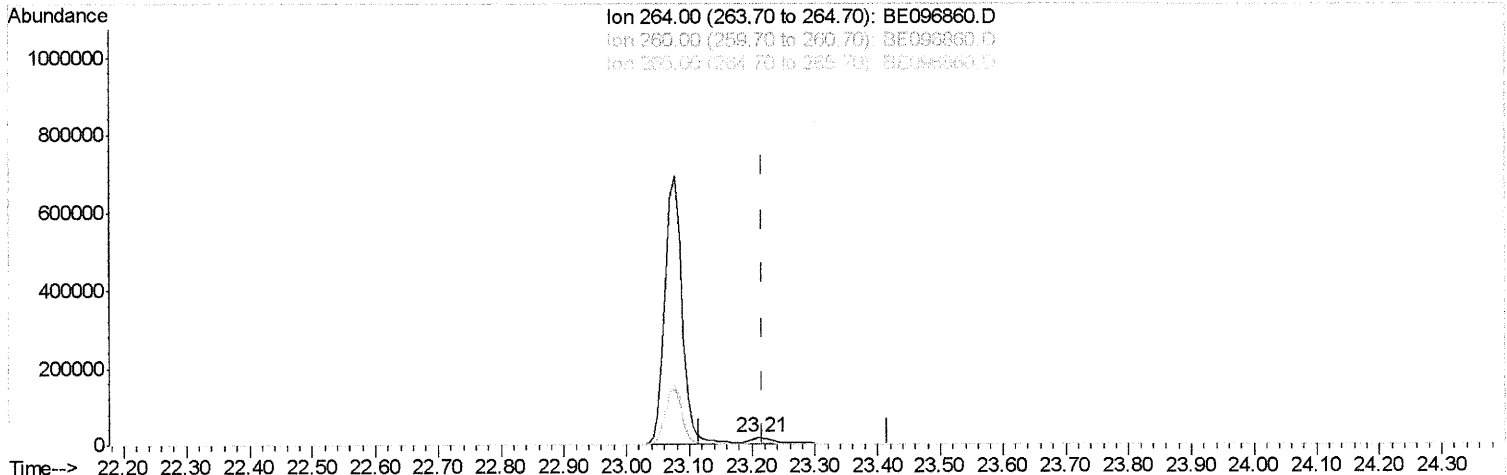
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 09 06:01:41 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 : Sat Jul 07 07:26:18 2018  
 Response via : Initial Calibration



TIC: BE096860.D

(20) Perylene-d12 (I)

23.211min (-0.006) 0.40ng/ul

response 43106

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 24.51  |
| 265.00 | 103.50 | 23.33# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

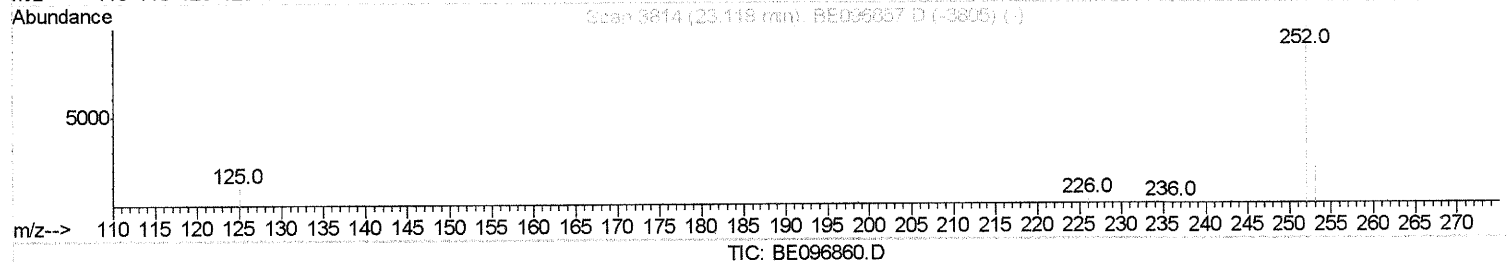
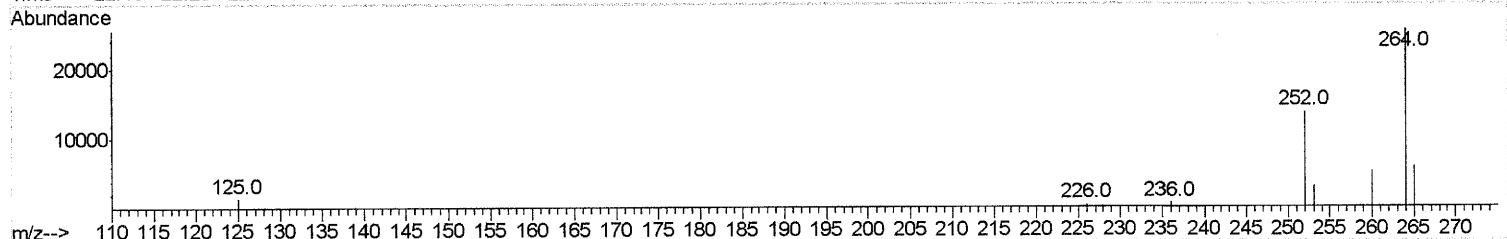
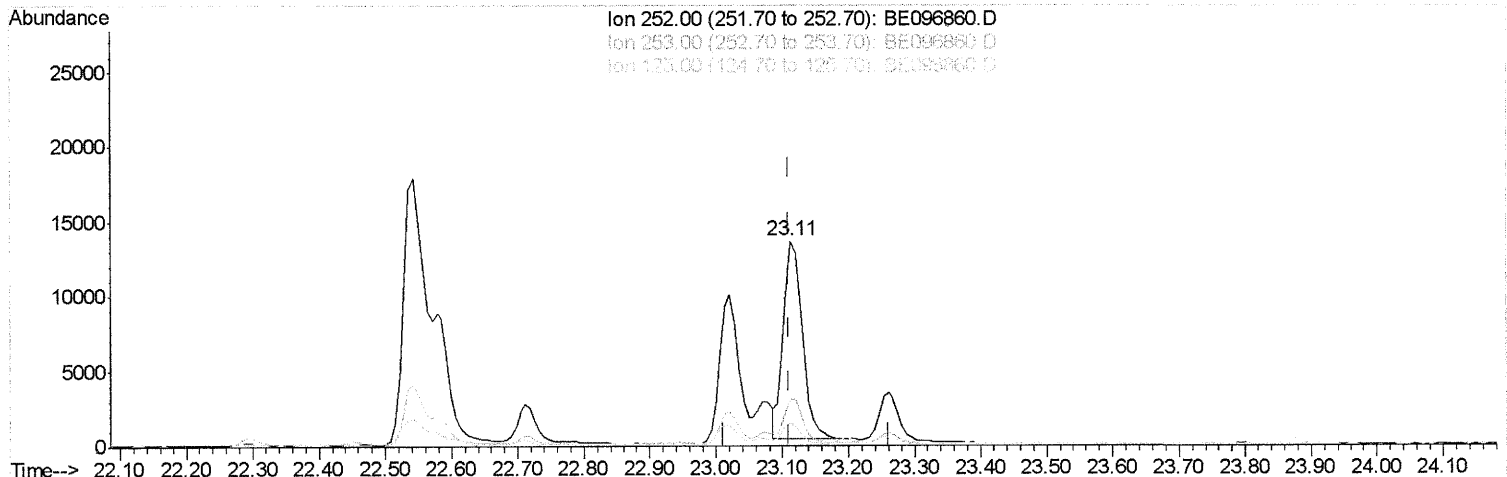
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Sohil  
 7/9/2018 4:14:07 PM

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 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.112min (+0.000) 0.42ng/ul m SJ 7/11/18

response 26079

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 22.34# |
| 125.00 | 22.60 | 11.22# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

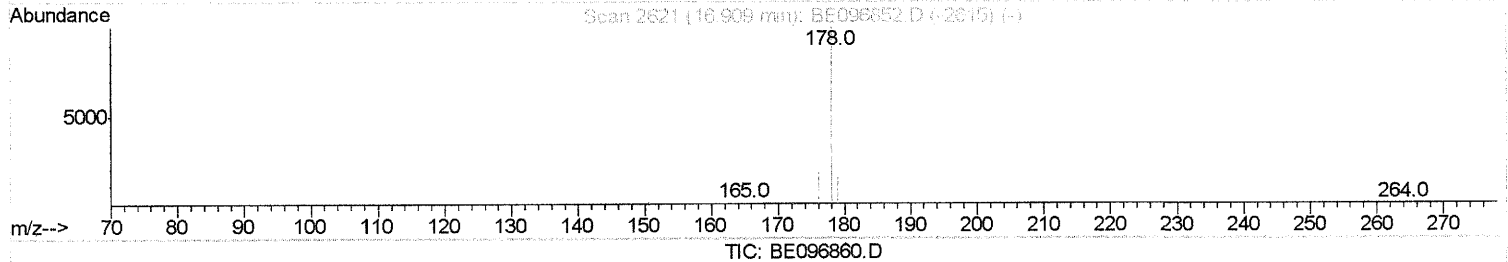
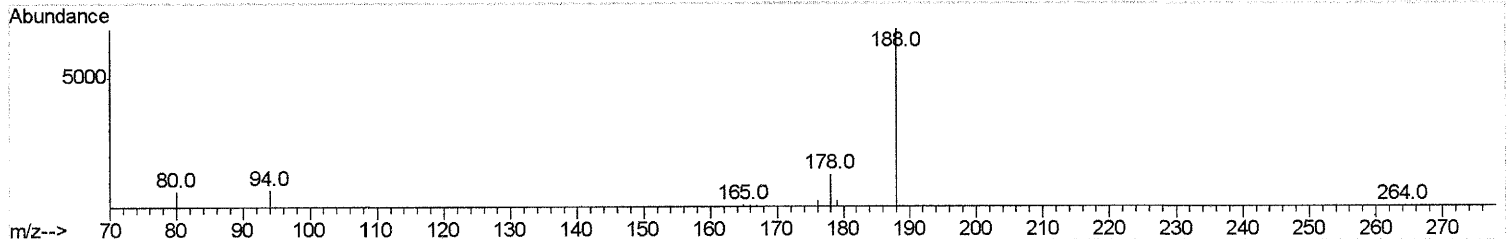
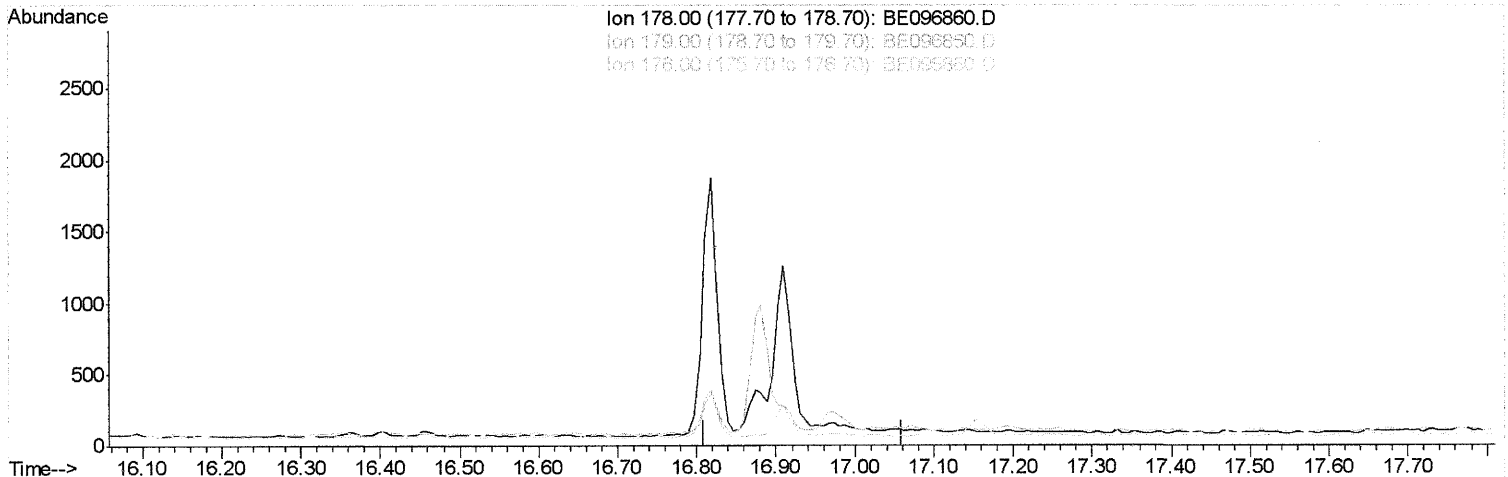
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:13:01 2018  
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 Response via : Initial Calibration



(13) Anthracene

16.909min (-16.909) 0.00ng/ul

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)

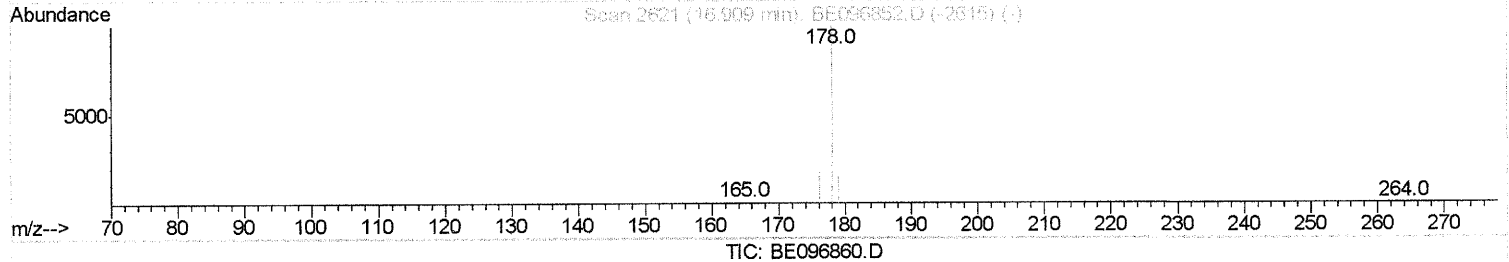
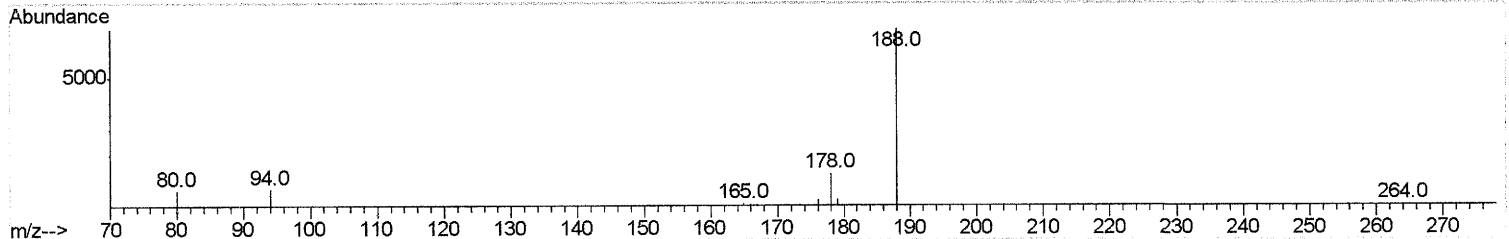
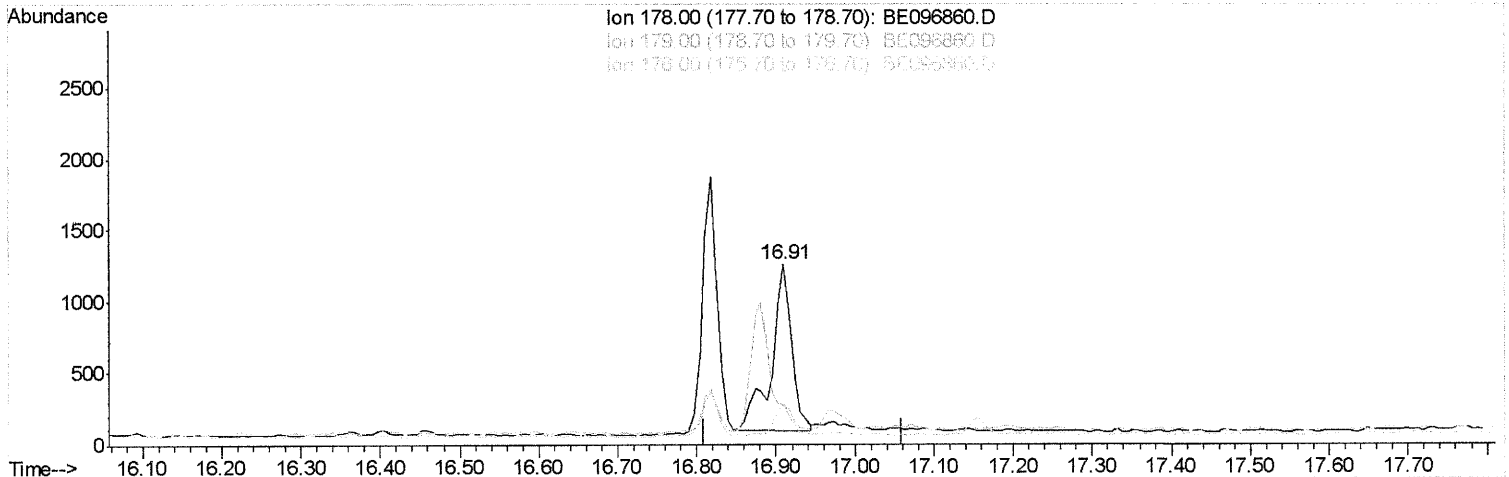
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 Client Sampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:13:01 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



(13) Anthracene

16.909min (-0.000) 0.03ng/ul m

*SJ 7/11/18*

response 2072

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 22.60 | 22.41  |
| 176.00 | 18.40 | 22.96# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

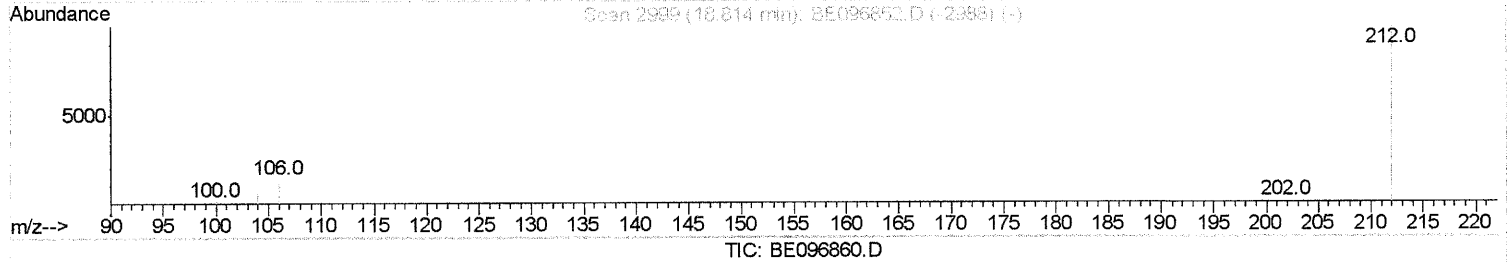
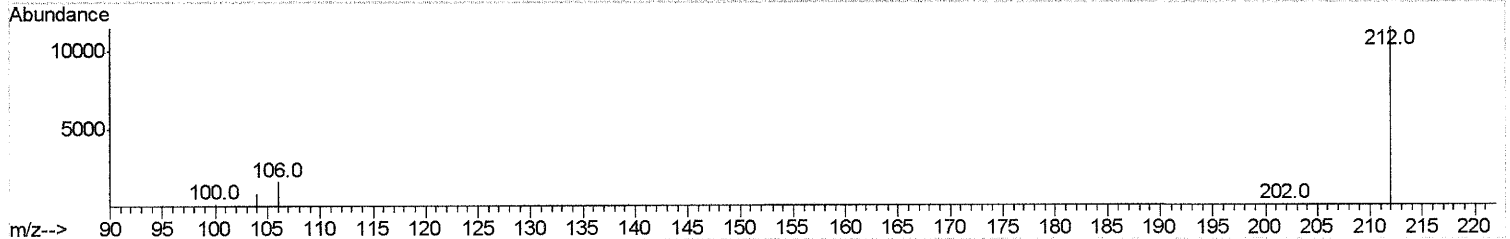
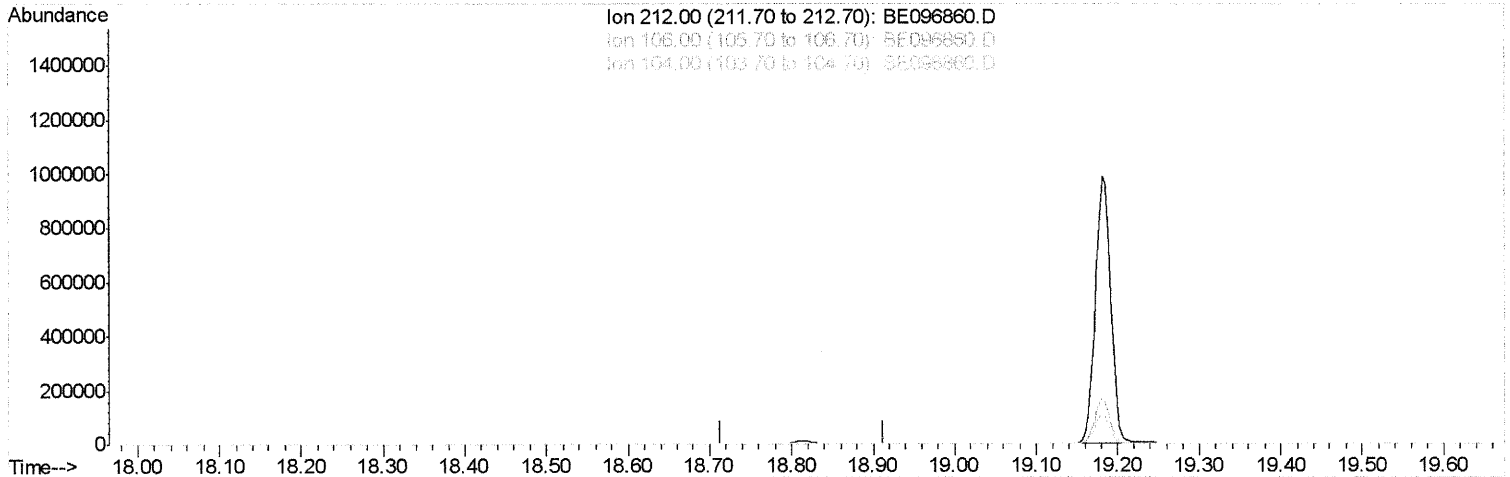
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:13:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
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 Response via : Initial Calibration



TIC: BE096860.D

(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)

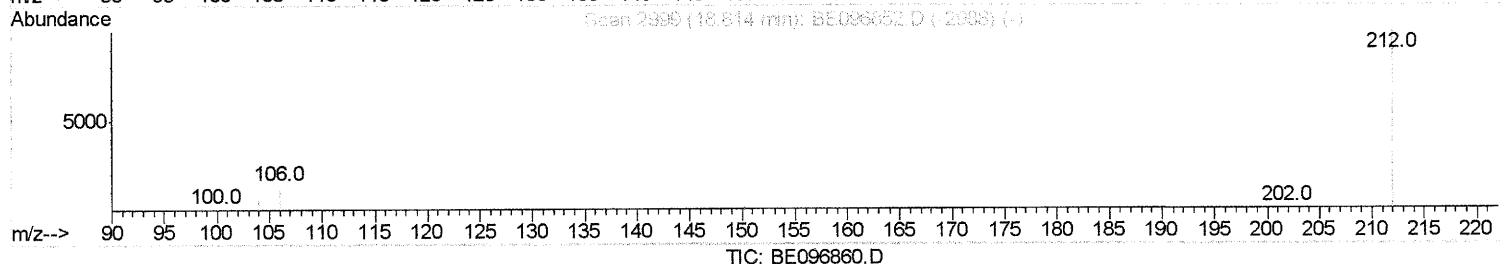
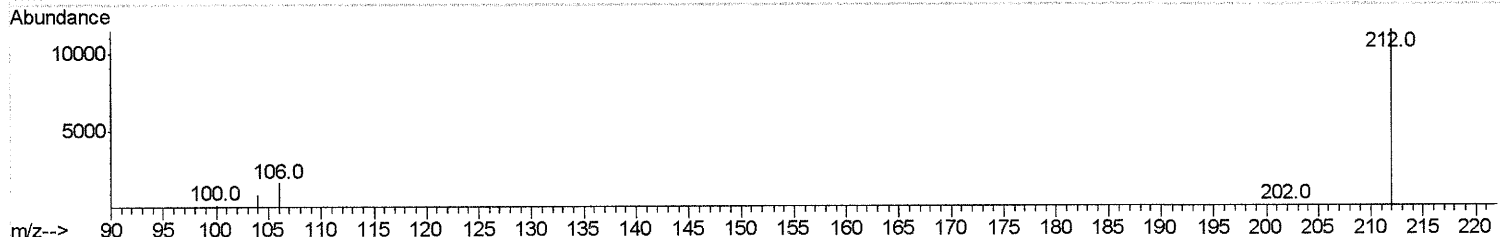
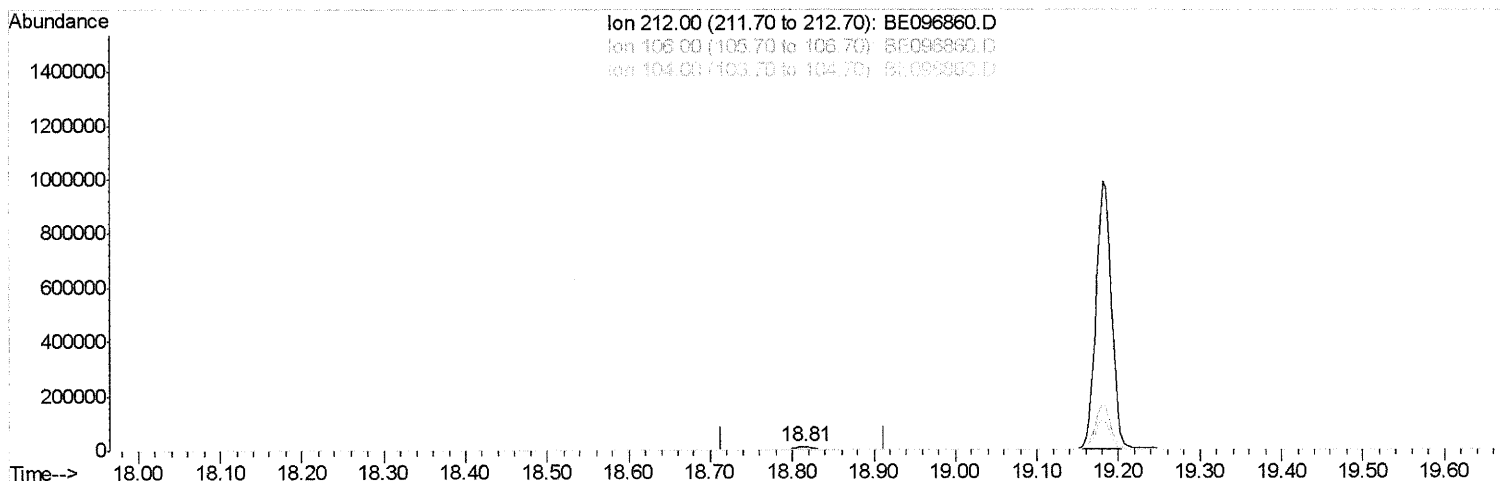
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:13:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M  
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 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.814min (+0.000) 0.20ng/ul m SJ 7/11/18

response 15059

| 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  |

# Quantitation Report (Qedit)

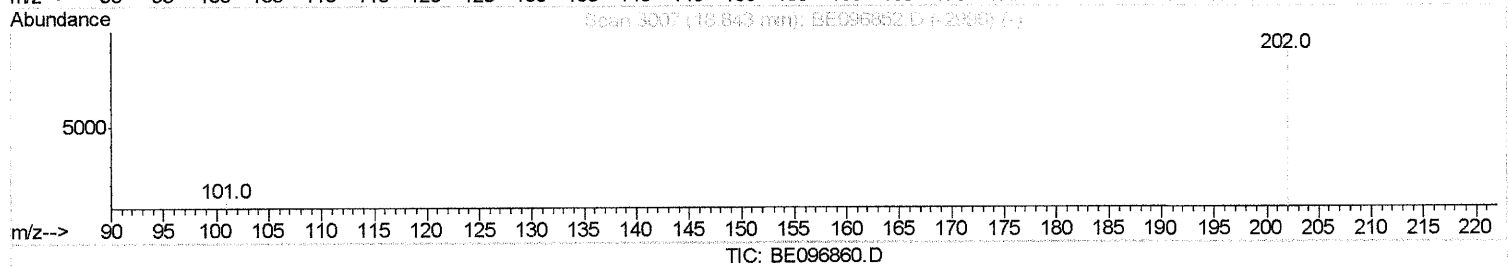
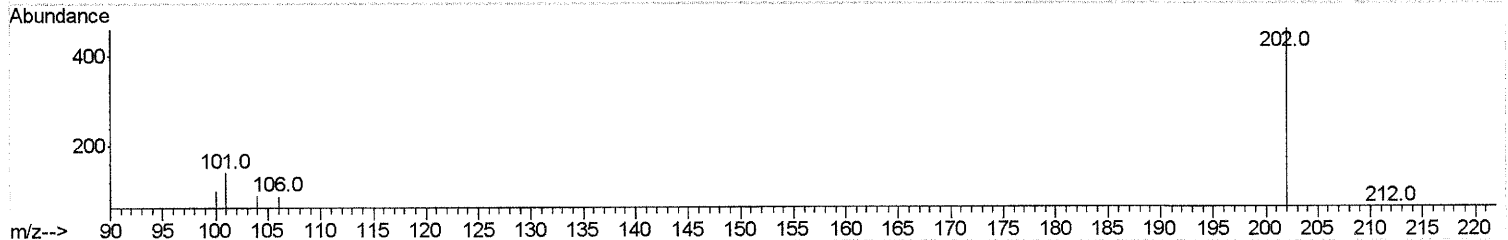
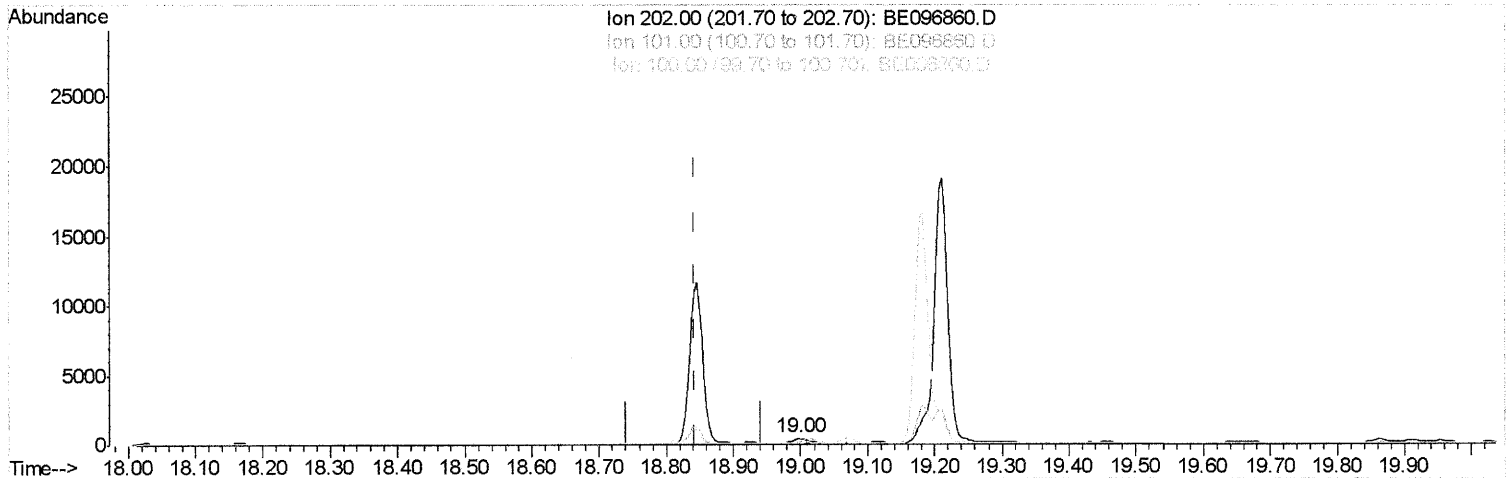
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
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 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
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 F1H14

Manual Integrations  
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Sohil  
 7/9/2018 4:14:07 PM

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 Response via : Initial Calibration



(15) Fluoranthene (C)

18.996min (+0.153) 0.01ng/ul

response 458

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 10.30 | 30.43# |
| 100.00 | 19.50 | 21.52  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

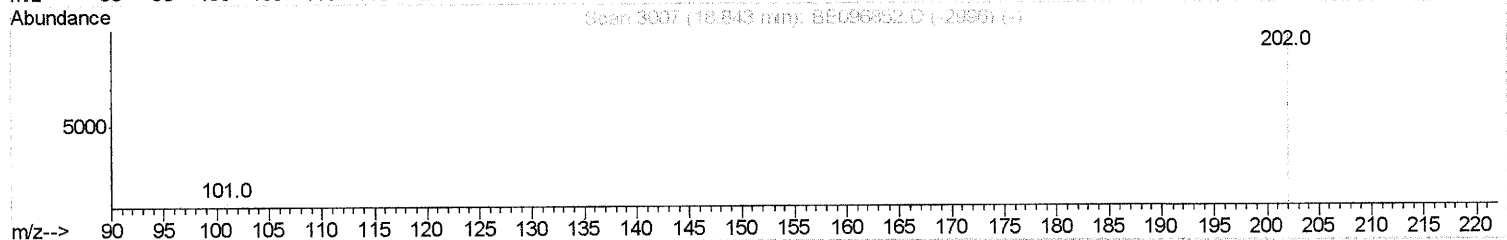
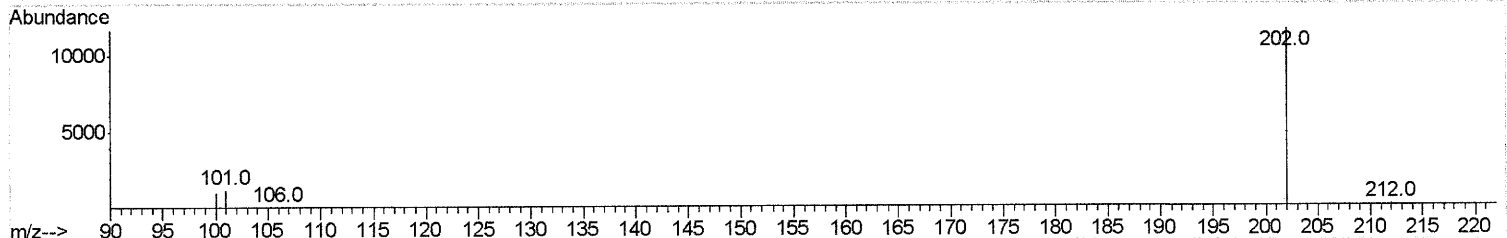
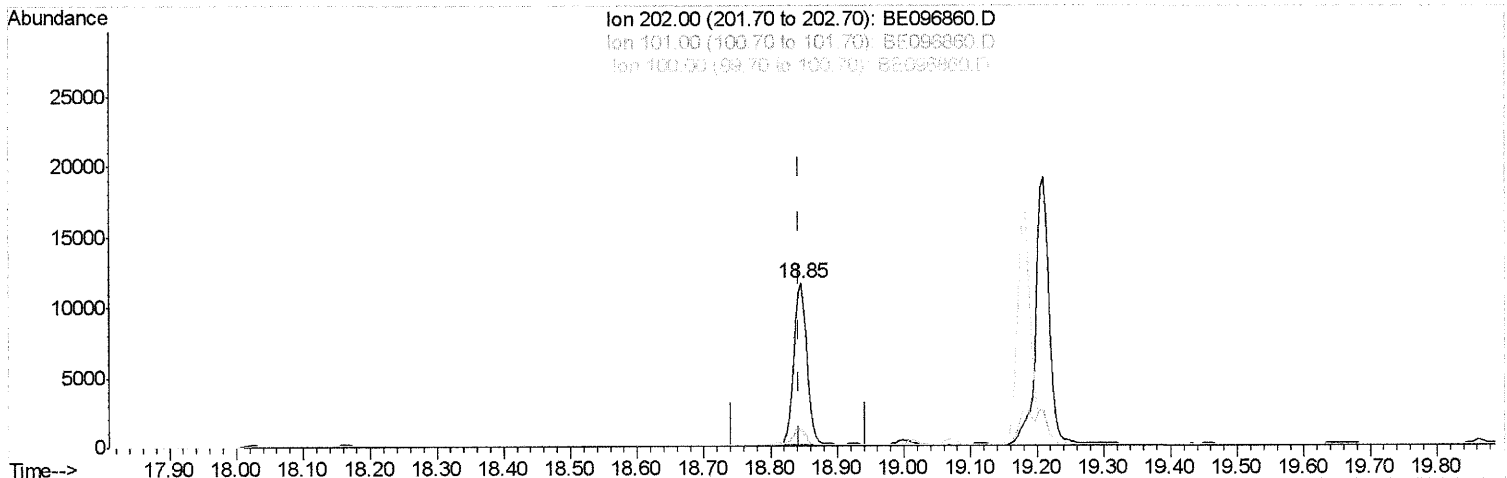
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
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Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

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TIC: BE096860.D

(15) Fluoranthene (C)

18.846min (+0.004) 0.18ng/ul m

SJ/11/18

response 15519

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 10.68 |
| 100.00 | 19.50 | 8.85  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

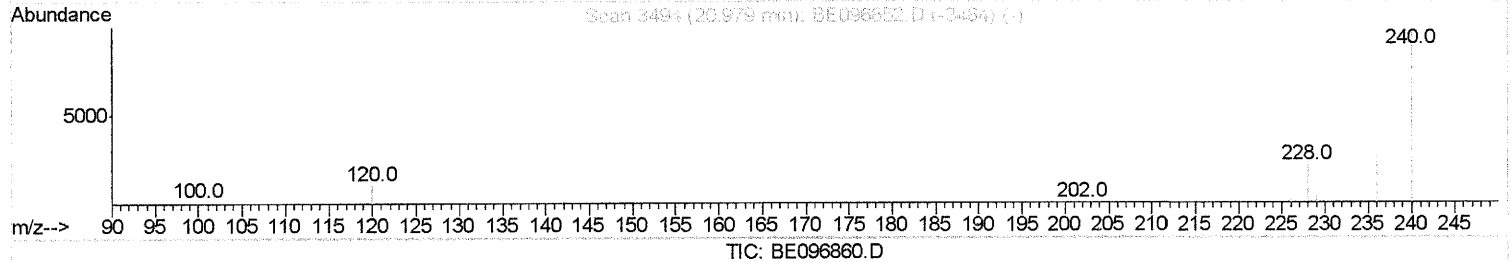
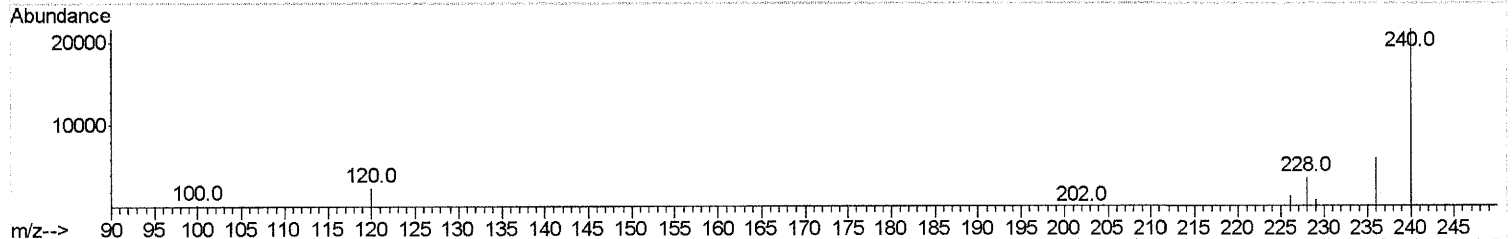
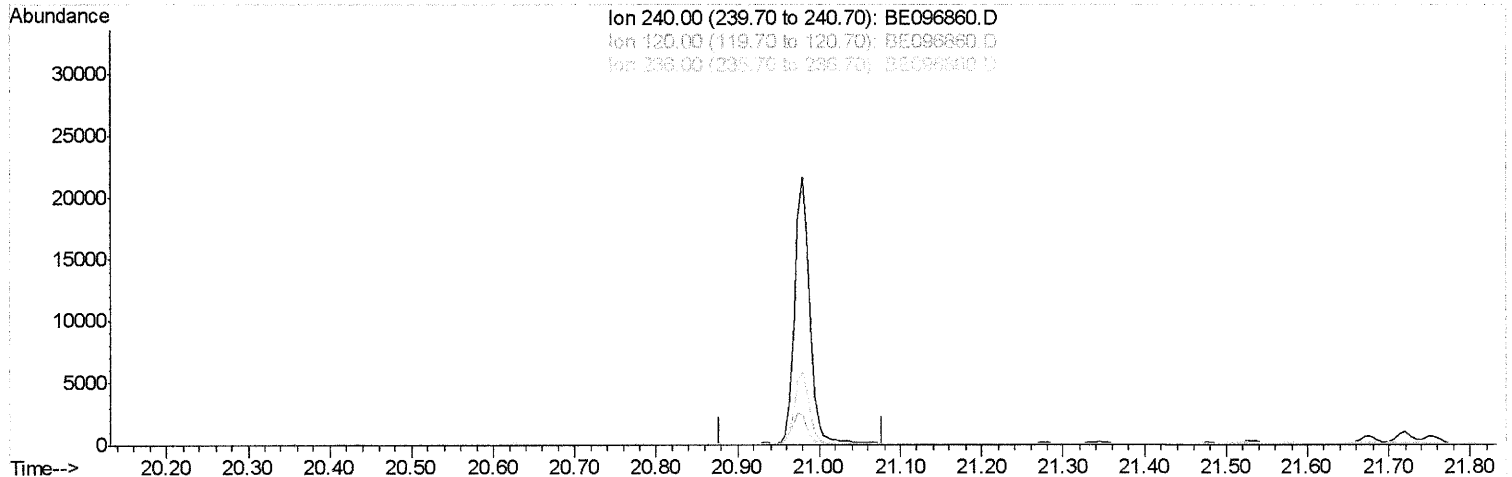
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Instrument :  
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Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

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(16) Chrysene-d12 (I)

20.979min (-20.979) 0.00ng/ul

response 0

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

# Quantitation Report (Qedit)

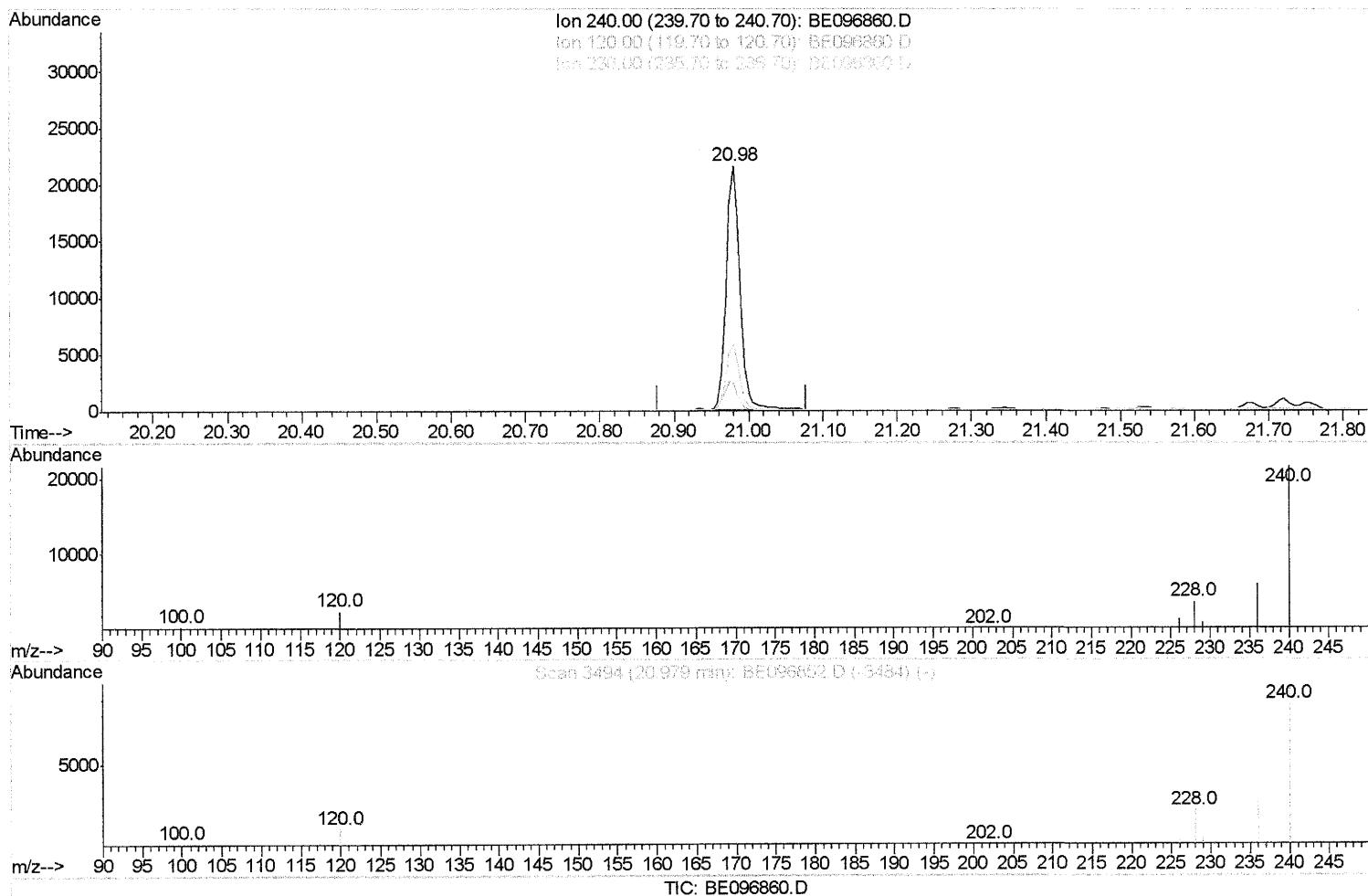
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:13:01 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



(16) Chrysene-d12 (I)

20.979min (+0.000) 0.40ng/ul m

SJ 7/11/18

response 27900

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 11.37# |
| 236.00 | 34.90 | 27.42# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

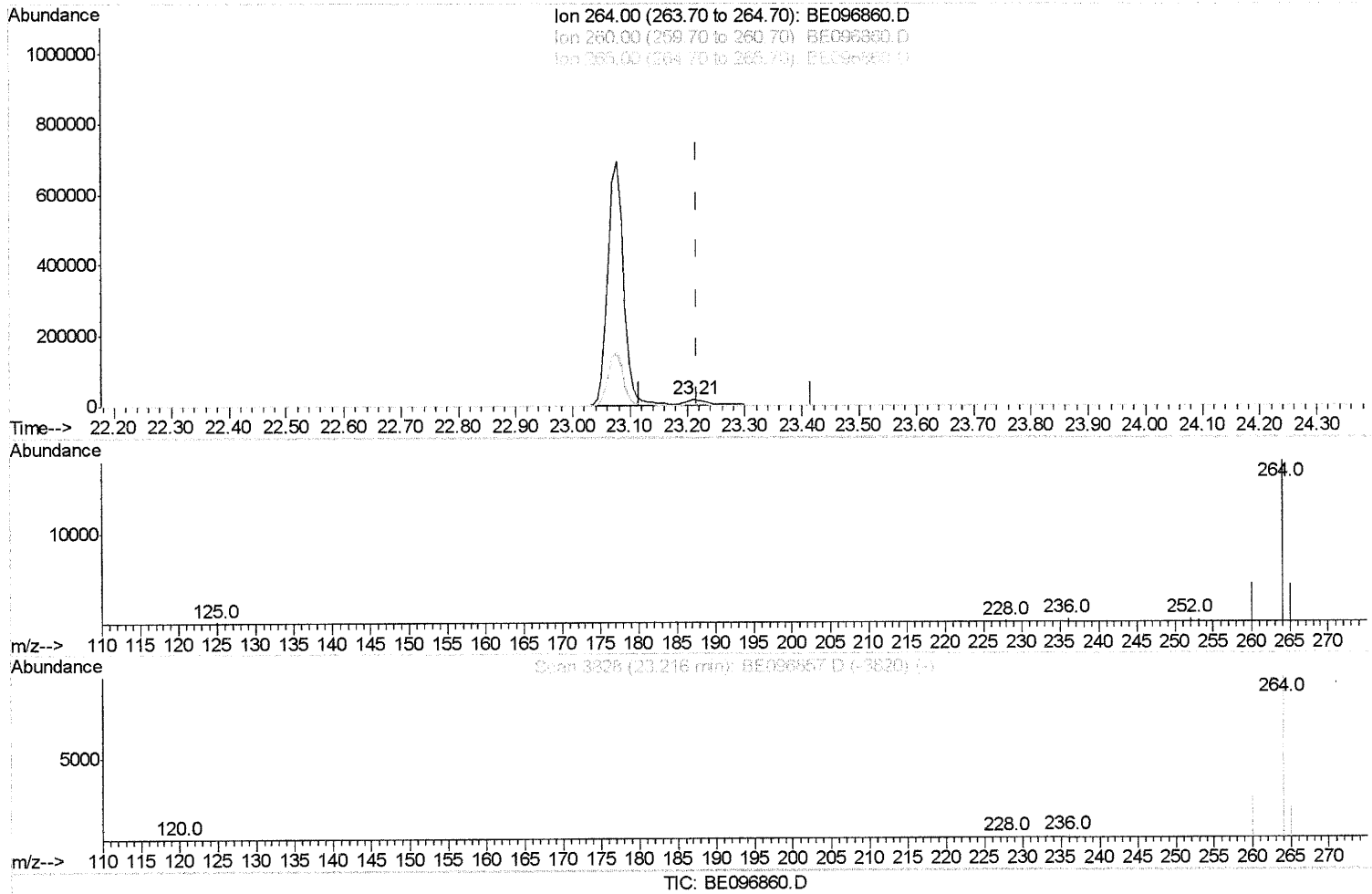
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 09 05:34:12 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 : Sat Jul 07 07:26:18 2018  
 Response via : Initial Calibration



(20) Perylene-d12 (I)  
 23.211min (-0.006) 0.40ng/ul  
 response 43106

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 24.51  |
| 265.00 | 103.50 | 23.33# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

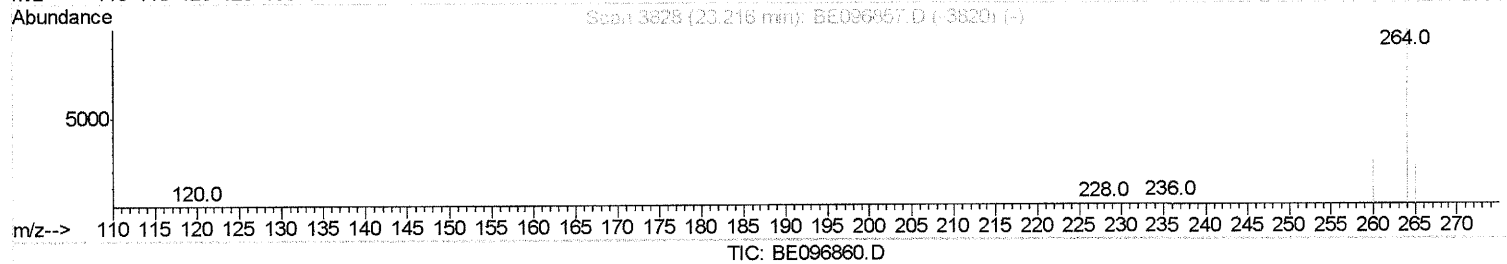
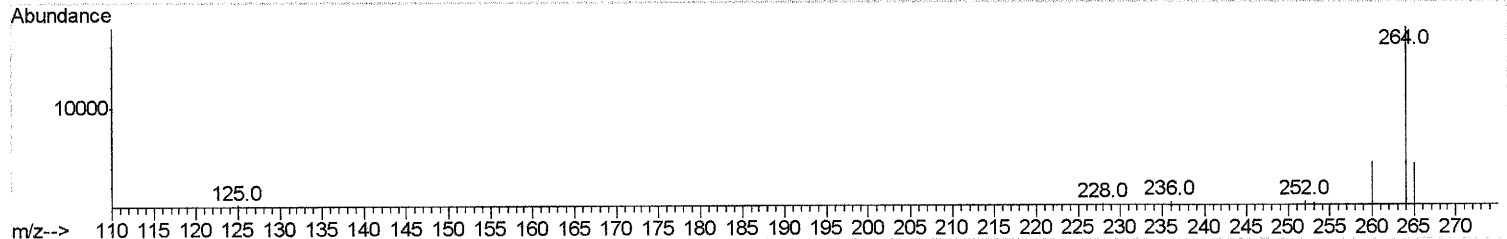
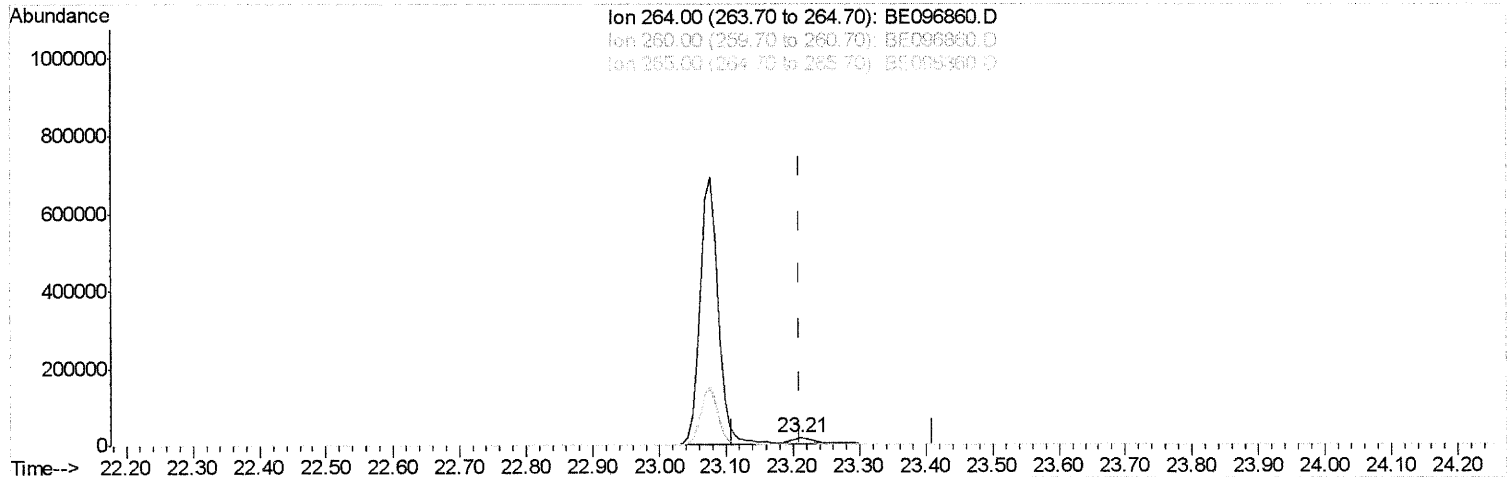
Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 09 05:28:59 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)

23.211min (+0.000) 0.40ng/ul m

SJ 7/11/18

response 27219

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 24.51  |
| 265.00 | 103.50 | 23.33# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

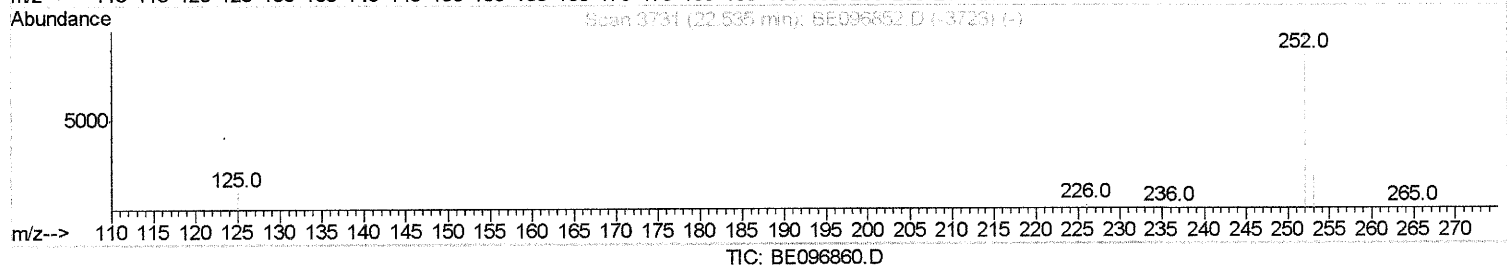
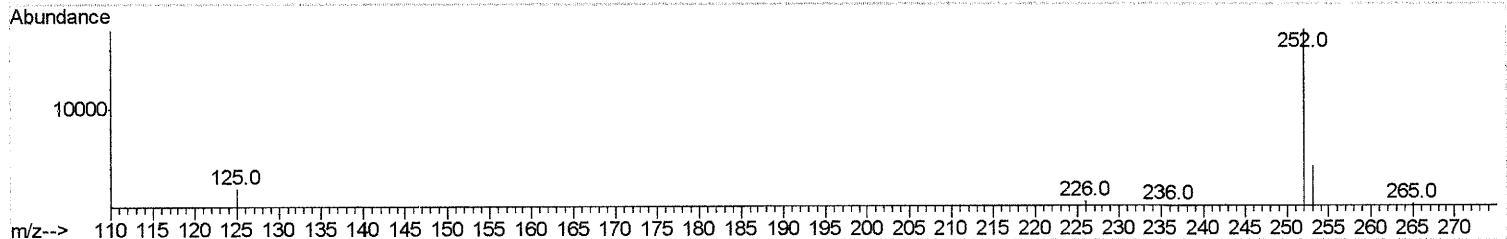
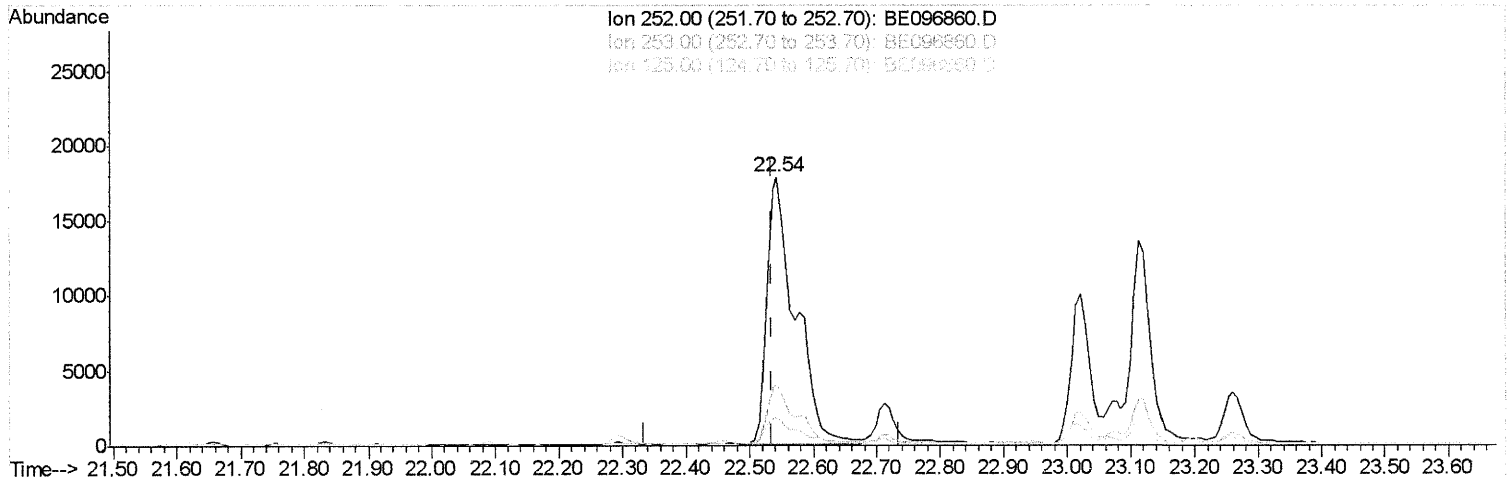
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:15:12 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  
 22.543min (+0.007) 0.47ng/ul  
 response 55031

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.08 |
| 125.00 | 17.50 | 10.49 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

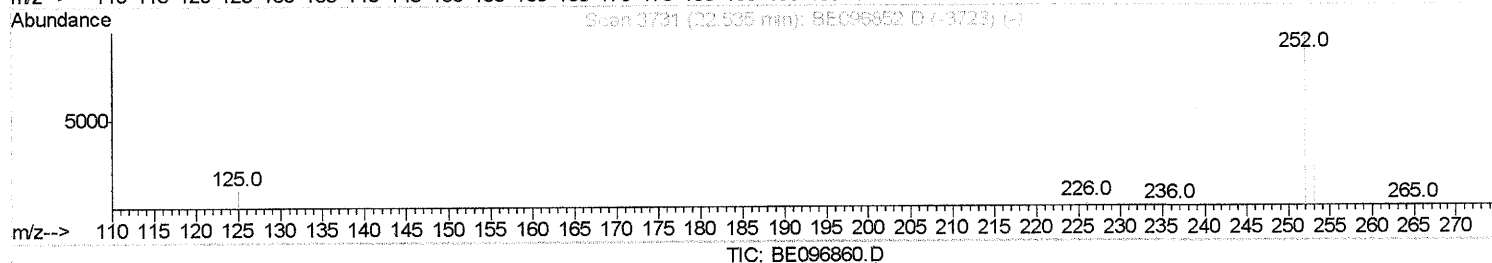
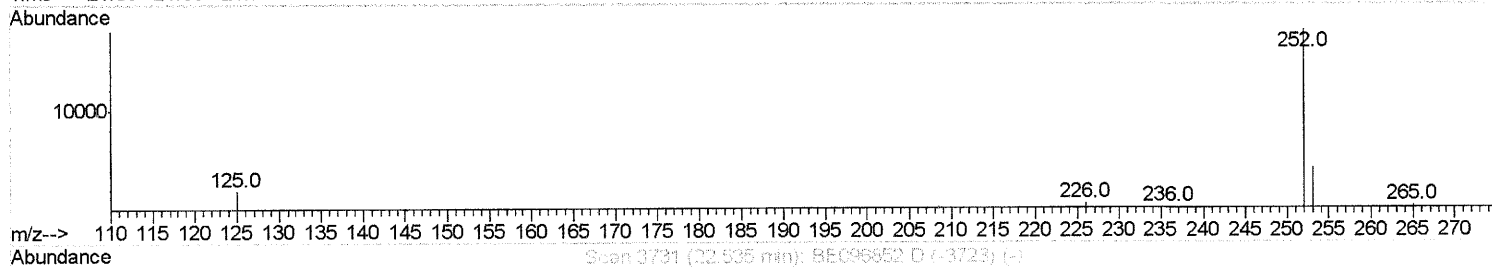
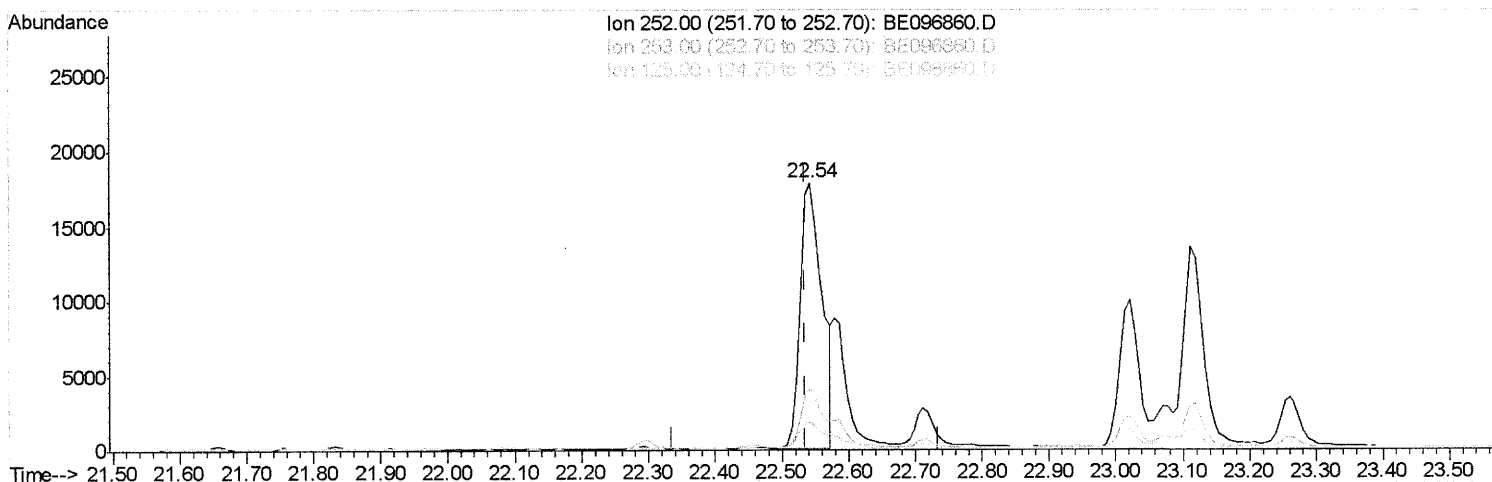
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:15:12 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

22.543min (+0.007) 0.35ng/ul m

SJ 7/11/18

response 40933

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.08 |
| 125.00 | 17.50 | 10.49 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

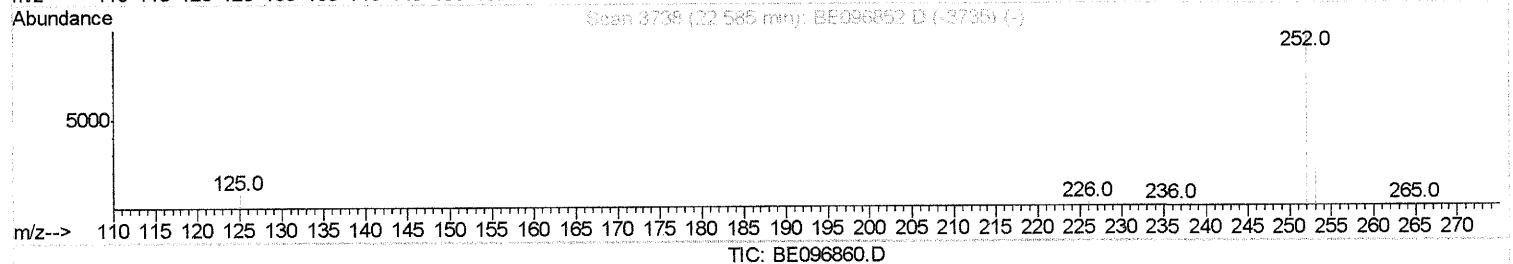
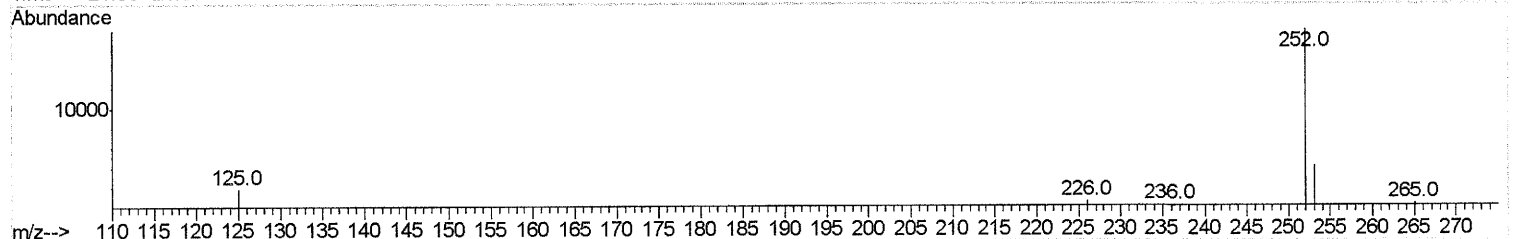
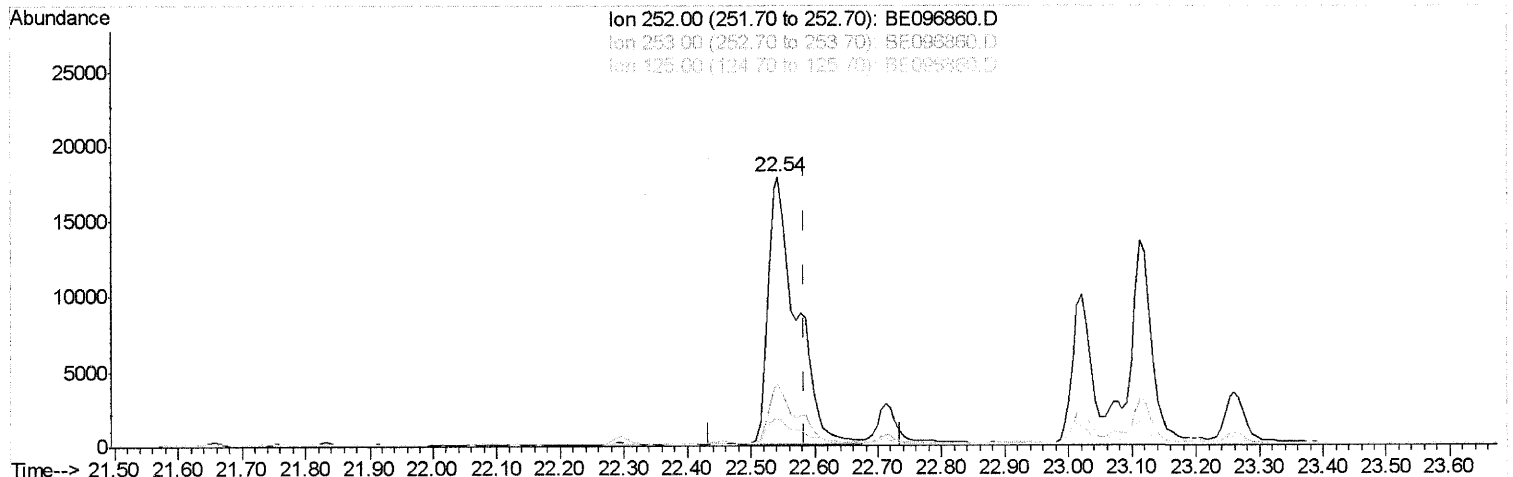
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:15:12 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  
 22.543min (-0.042) 0.43ng/ui  
 response 55031

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.08# |
| 125.00 | 17.10 | 10.49# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

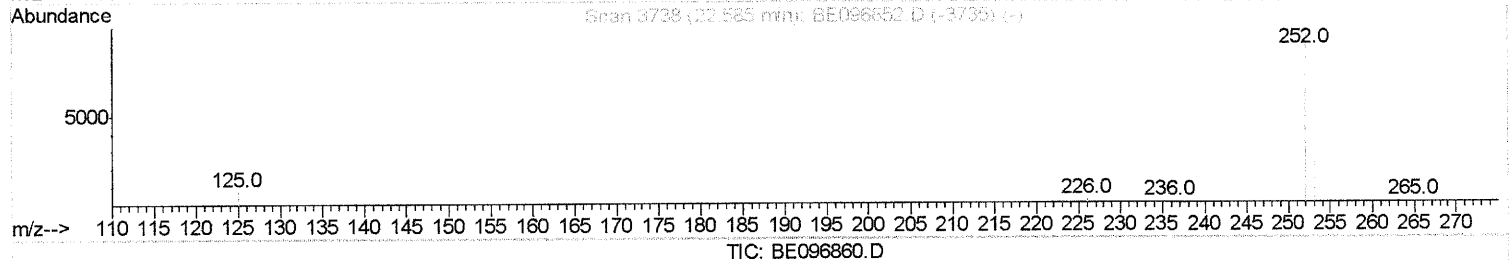
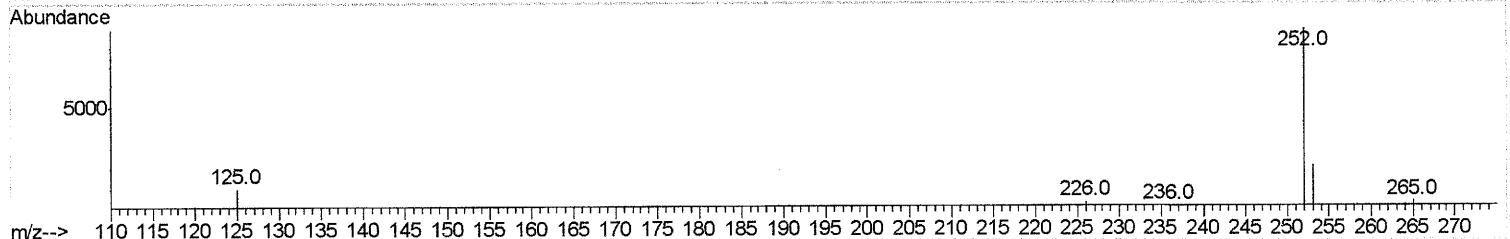
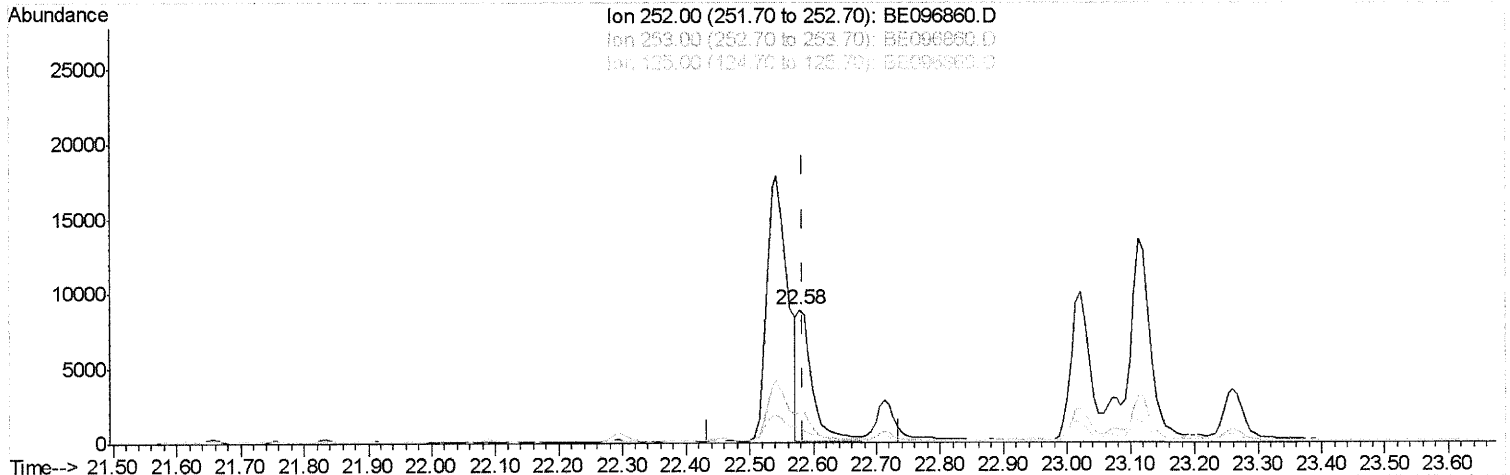
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\  
 Data File : BE096860.D  
 Acq On : 6 Jul 2018 19:22  
 Operator : SJ/JU  
 Sample : J3721-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F1H14

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:07 PM

Quant Time: Jul 07 04:15:12 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) 0.11ng/ul m

SJ 7/11/18

response 14270

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.07# |
| 125.00 | 17.10 | 11.20# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (QT Reviewed)

Instrument :  
BNA\_E  
ClientSampleId :  
F1H14

Manual Integrations  
APPROVED

Sohil  
7/9/2018 4:14:07 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE070618\  
Data File : BE096860.D  
Acq On : 6 Jul 2018 19:22  
Operator : SJ/JU  
Sample : J3721-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 09 05:28:59 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  | 3657     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.14 | 136  | 19293    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.03 | 164  | 11876    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.78 | 188  | 30614m   | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.98 | 240  | 27900m   | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.21 | 264  | 27219m   | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.74 | 152  | 5679     | 0.18 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.81 | 212  | 15150m   | 0.20 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 7) Acenaphthylene          | 13.74 | 152  | 2404     | 0.049 | ng/ul  | 93     |
| 12) Phenanthrene           | 16.82 | 178  | 2412m    | 0.031 | ng/ul  |        |
| 13) Anthracene             | 16.91 | 178  | 2072m    | 0.031 | ng/ul  |        |
| 15) Fluoranthene           | 18.85 | 202  | 15519m   | 0.185 | ng/ul  |        |
| 17) Pyrene                 | 19.21 | 202  | 27469    | 0.300 | ng/ul# | 81     |
| 18) Benzo(a)anthracene     | 20.96 | 228  | 18216    | 0.277 | ng/ul# | 84     |
| 19) Chrysene               | 21.02 | 228  | 18655    | 0.219 | ng/ul  | 99     |
| 21) Benzo(b)fluoranthene   | 22.54 | 252  | 40933m   | 0.551 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.58 | 252  | 14270m   | 0.176 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.11 | 252  | 26079m   | 0.415 | ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 25.50 | 276  | 12376    | 0.190 | ng/ul# | 74     |
| 25) Dibenzo(a,h)anthracene | 25.52 | 278  | 2751     | 0.053 | ng/ul  | 98     |
| 26) Benzo(g,h,i)perylene   | 26.20 | 276  | 11198    | 0.177 | ng/ul# | 94     |

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