

# Quantitation Report (QT Reviewed)

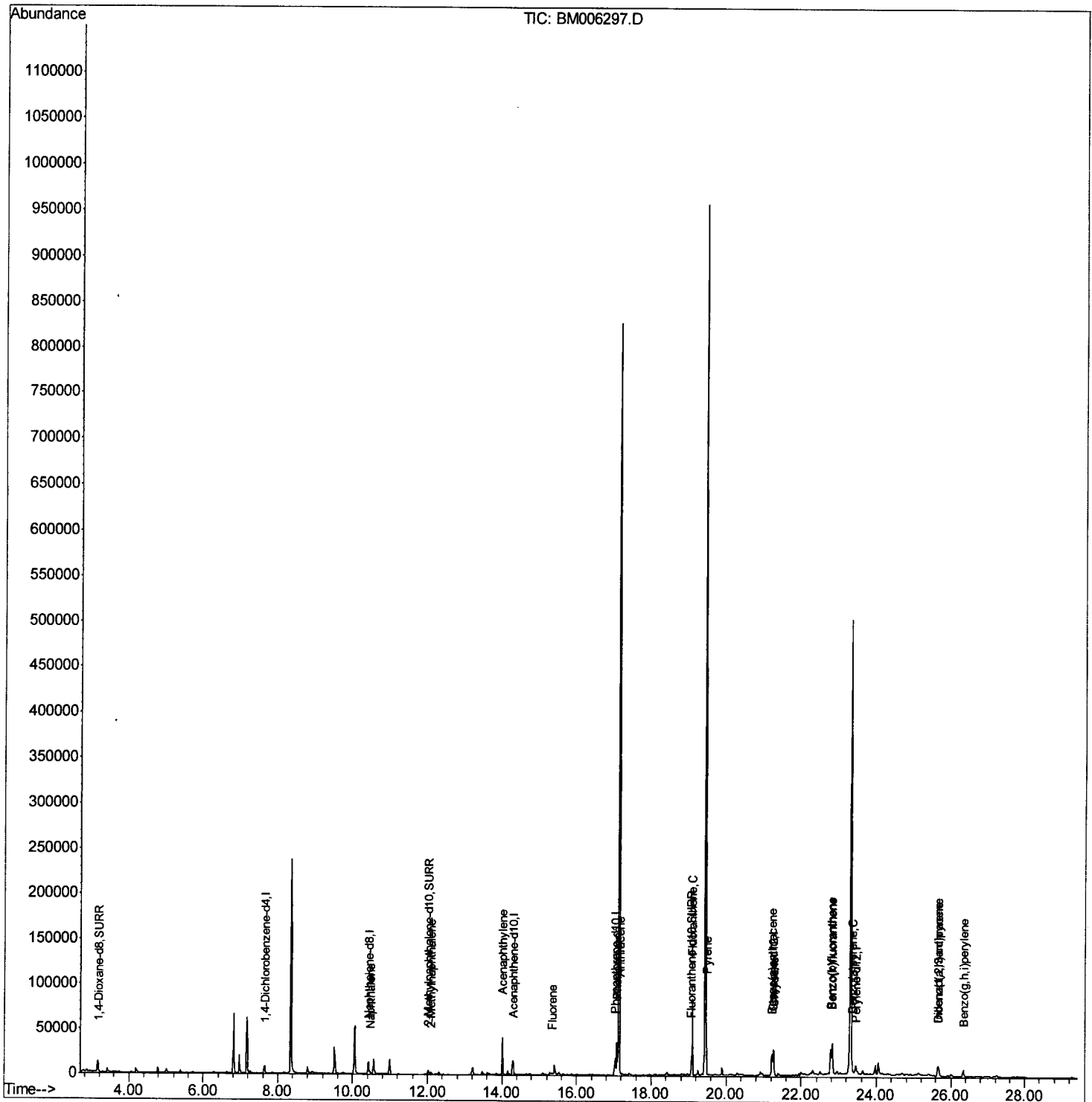
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Manual Integration

Quant Time: Jul 07 11:34:11 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 05:51:09 2016  
 Response via : Initial Calibration

APPROVED  
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# Quantitation Report (Qedit)

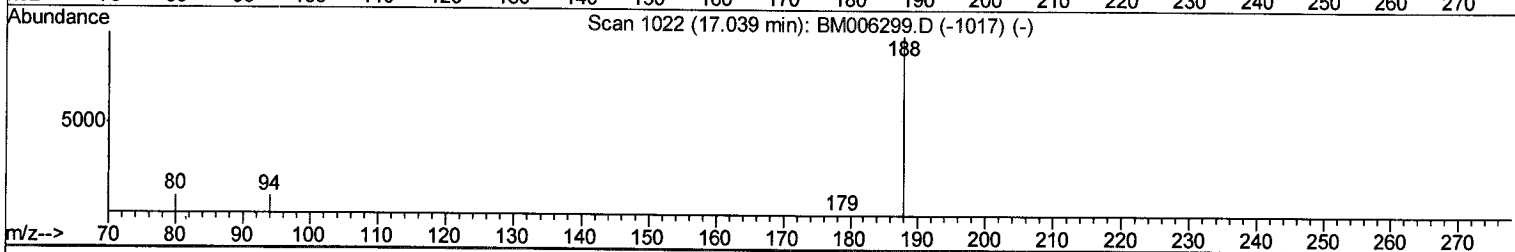
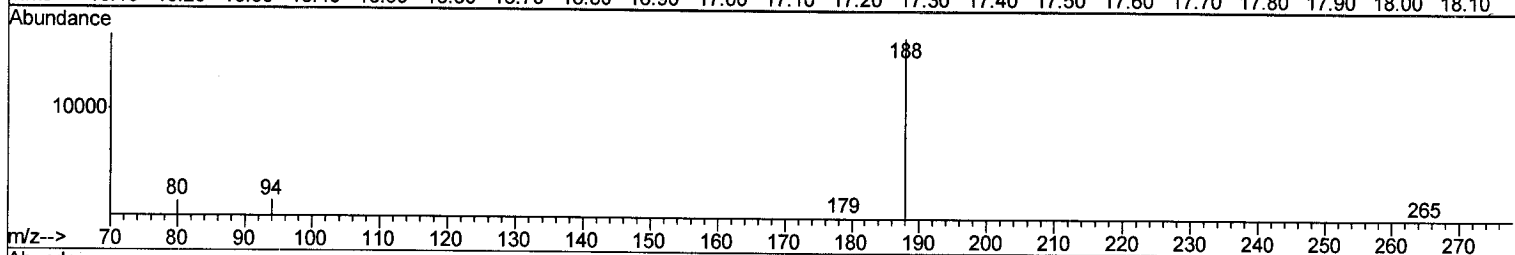
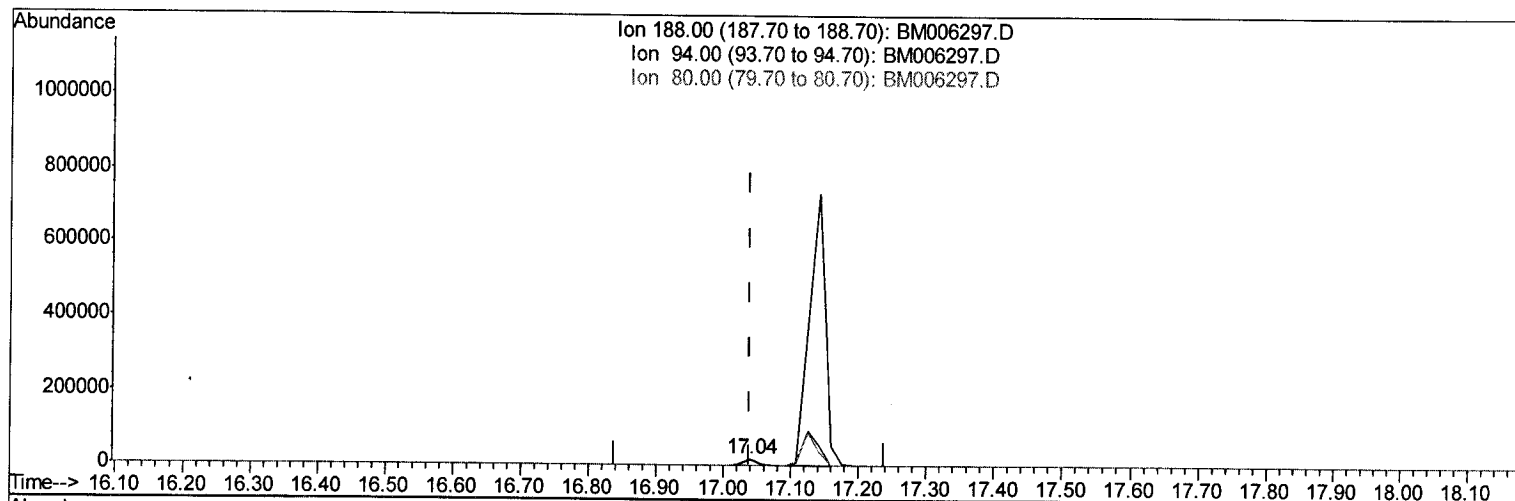
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Manual Integration

Quant Time: Jul 07 11:30:25 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 05:51:09 2016  
 Response via : Initial Calibration

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TIC: BM006297.D

(12) Phenanthrene-d10 (I)

17.039min (+0.000) 0.40ng/ul m *U.M*  
*07/11/16*  
 response 25024

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.70 | 8.92# |
| 80.00  | 11.90 | 8.69# |
| 0.00   | 0.00  | 0.00  |

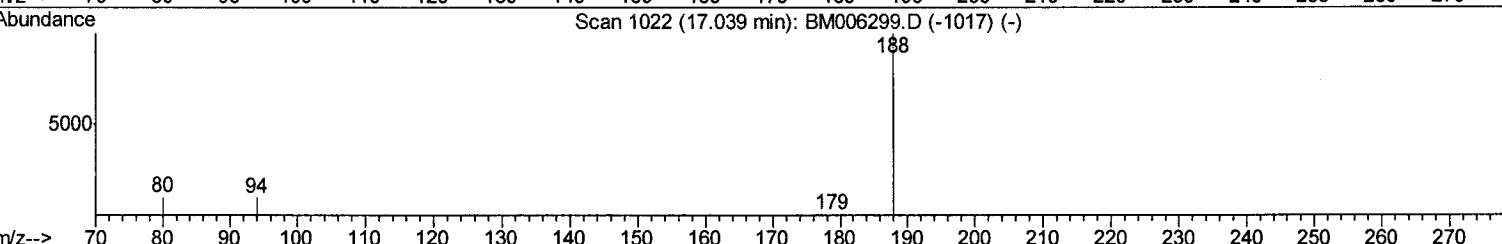
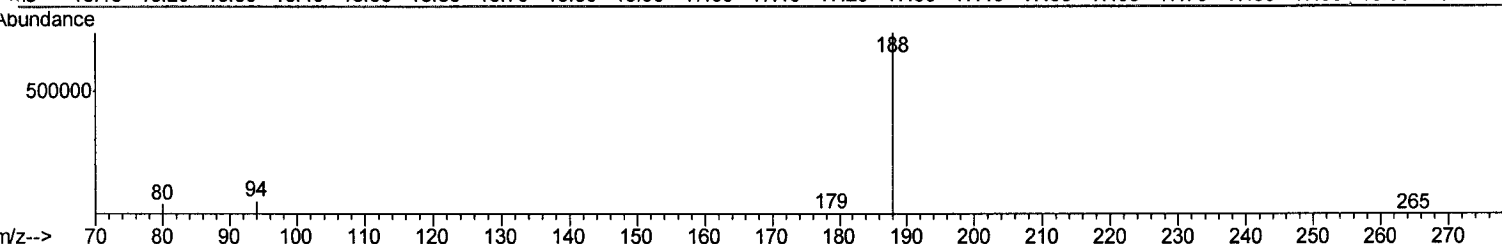
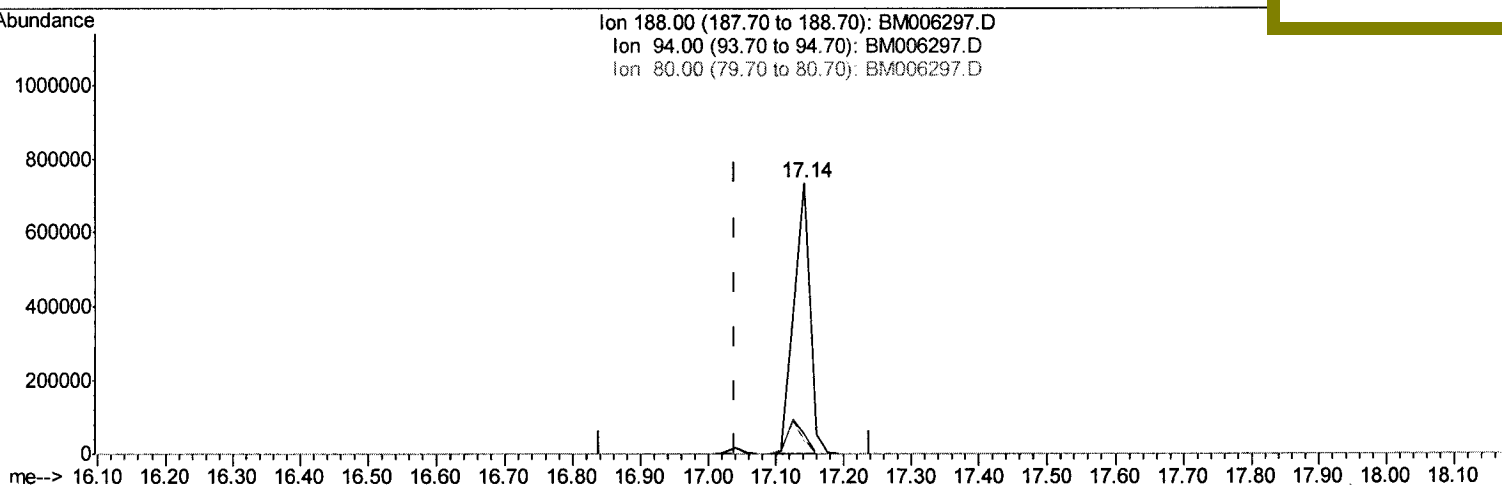
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006297.D  
Acq On : 06 Jul 2016 23:52  
Operator : UM/SJ  
Sample : H3811-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TV9

Manual Integrati

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Quant Time: Jul 07 11:30:25 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 07 05:51:09 2016  
Response via : Initial Calibration



TIC: BM006297.D

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 1218551

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.70 | 7.06# |
| 80.00  | 11.90 | 5.23# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

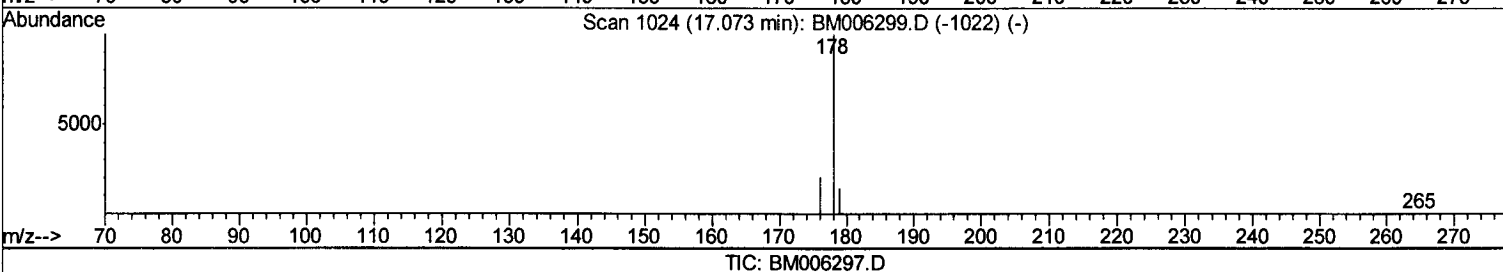
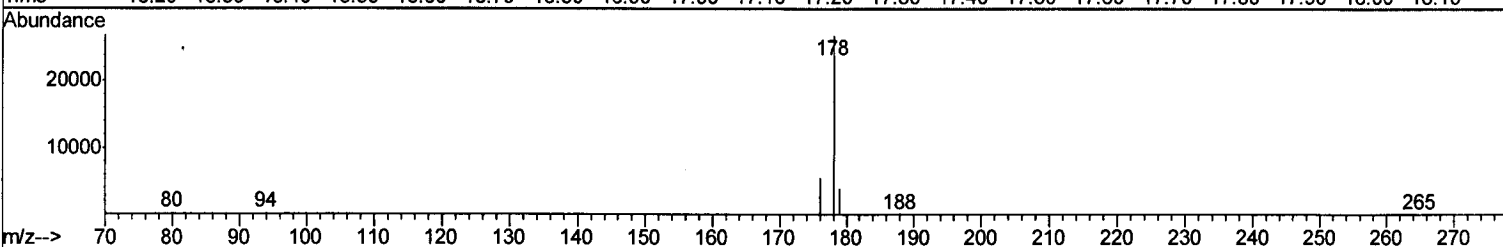
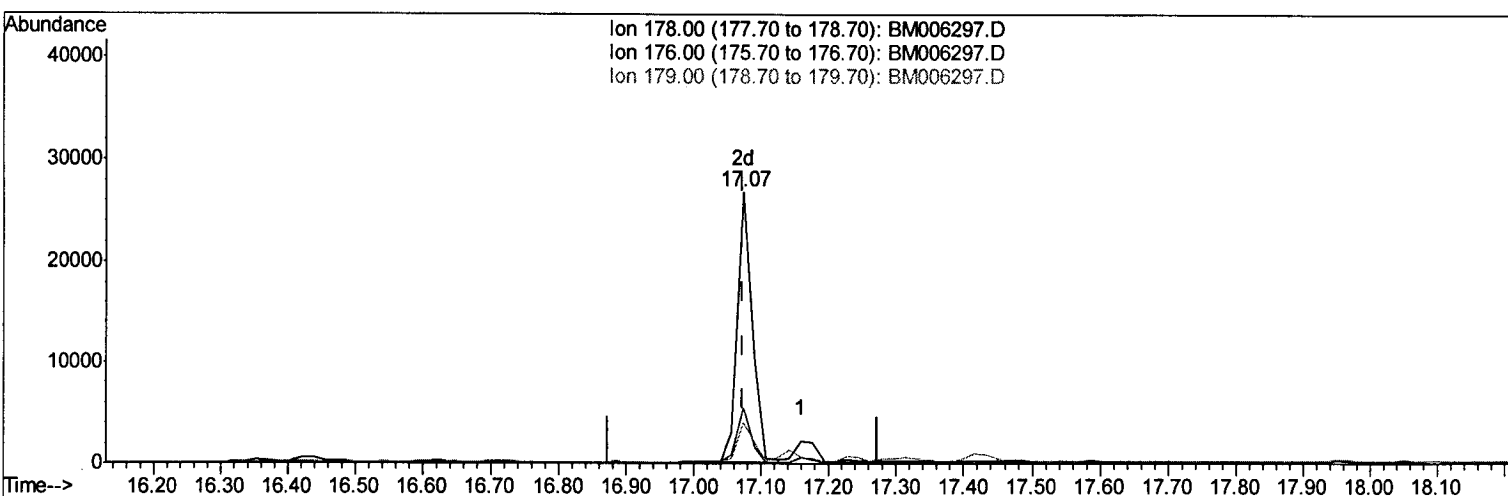
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Manual Integration

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Quant Time: Jul 07 11:30:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
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 QLast Update : Thu Jul 07 05:51:09 2016  
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(14) Phenanthrene

17.073min (+0.000) 0.60ng/ul m *U.M*  
*07/11/16*

response 41658

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 16.20 | 20.58# |
| 179.00 | 17.70 | 14.87  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

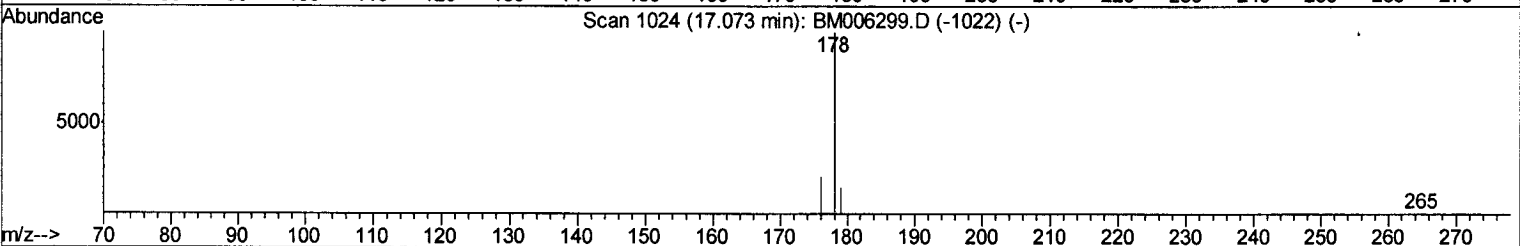
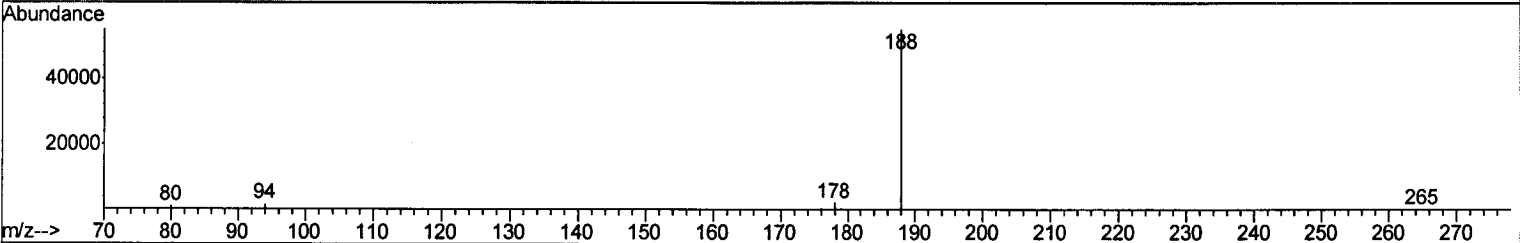
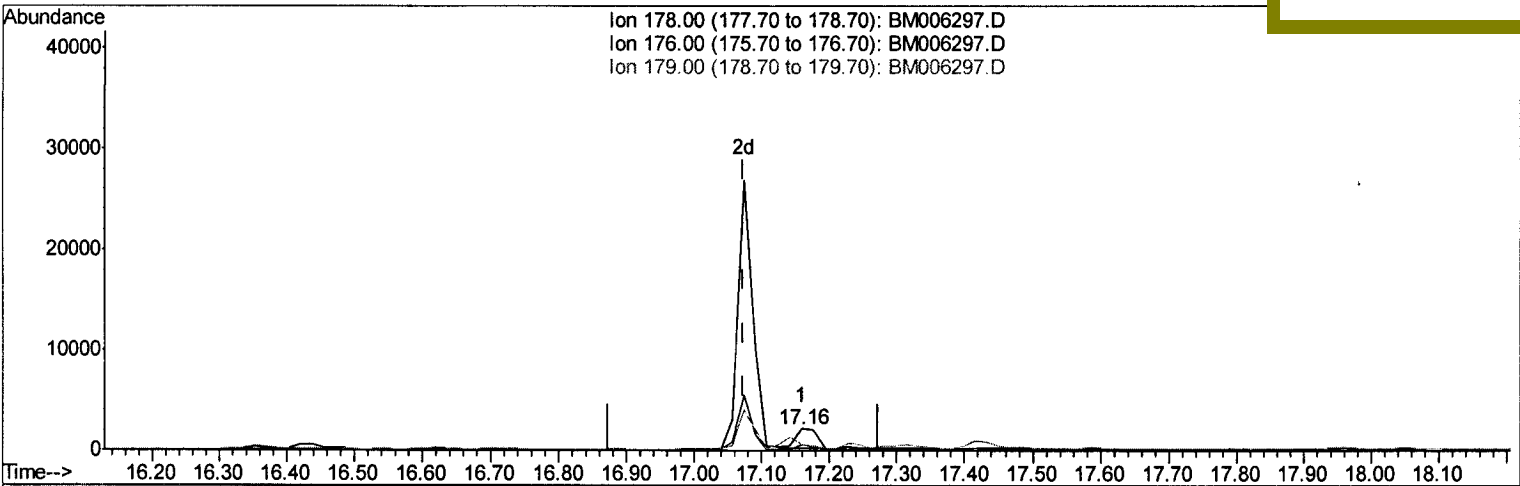
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 A4TV9

Quant Time: Jul 07 11:30:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
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Manual Integration

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TIC: BM006297.D

(14) Phenanthrene

17.159min (+0.086) 0.06ng/ul

response 4387

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 16.20 | 25.44# |
| 179.00 | 17.70 | 27.45# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

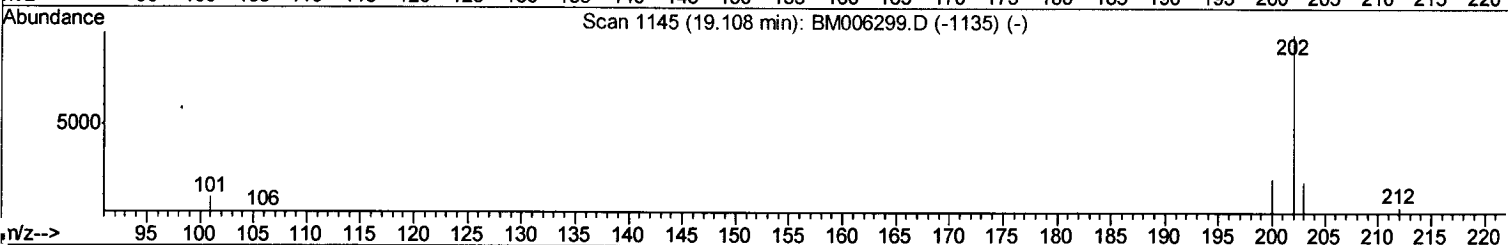
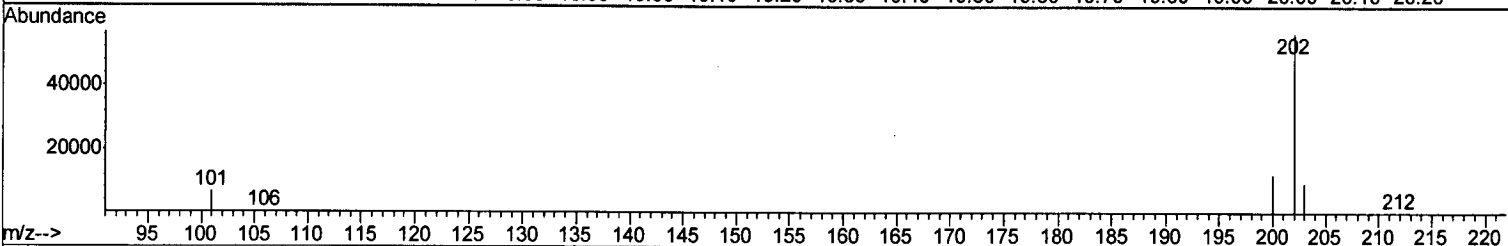
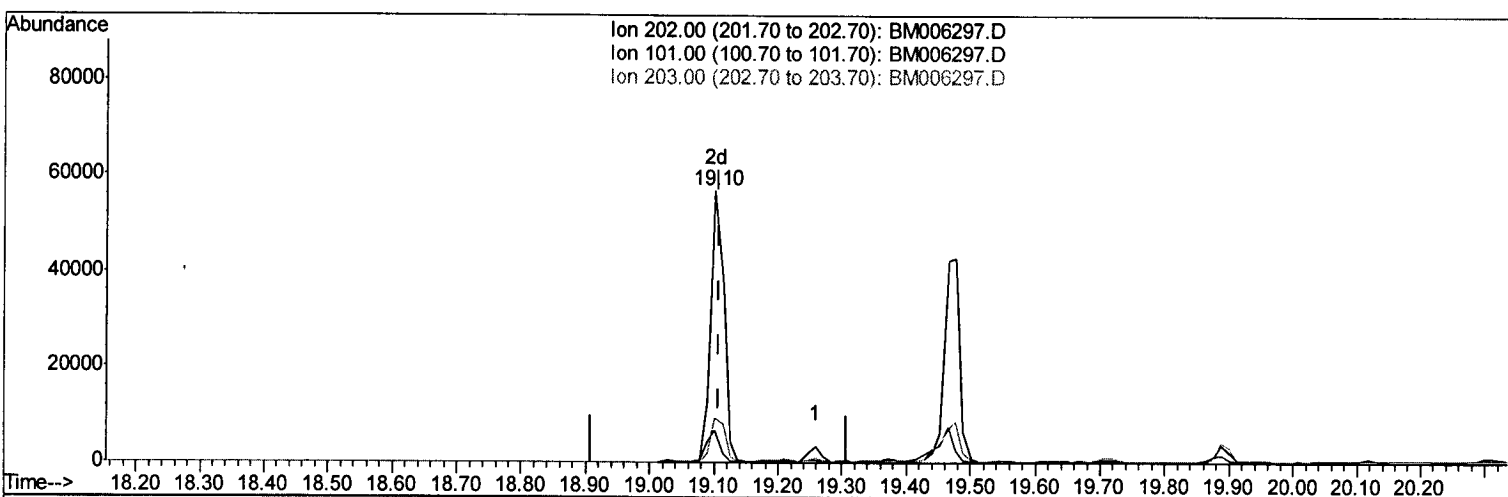
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Manual Integration

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TIC: BM006297.D

(17) Fluoranthene (C)

19.101min (-0.007) 1.06ng/ul m

response 81066

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 9.60  | 11.78 |
| 203.00 | 16.30 | 16.46 |
| 0.00   | 0.00  | 0.00  |

U.M  
 07/11/16

# Quantitation Report (Qedit)

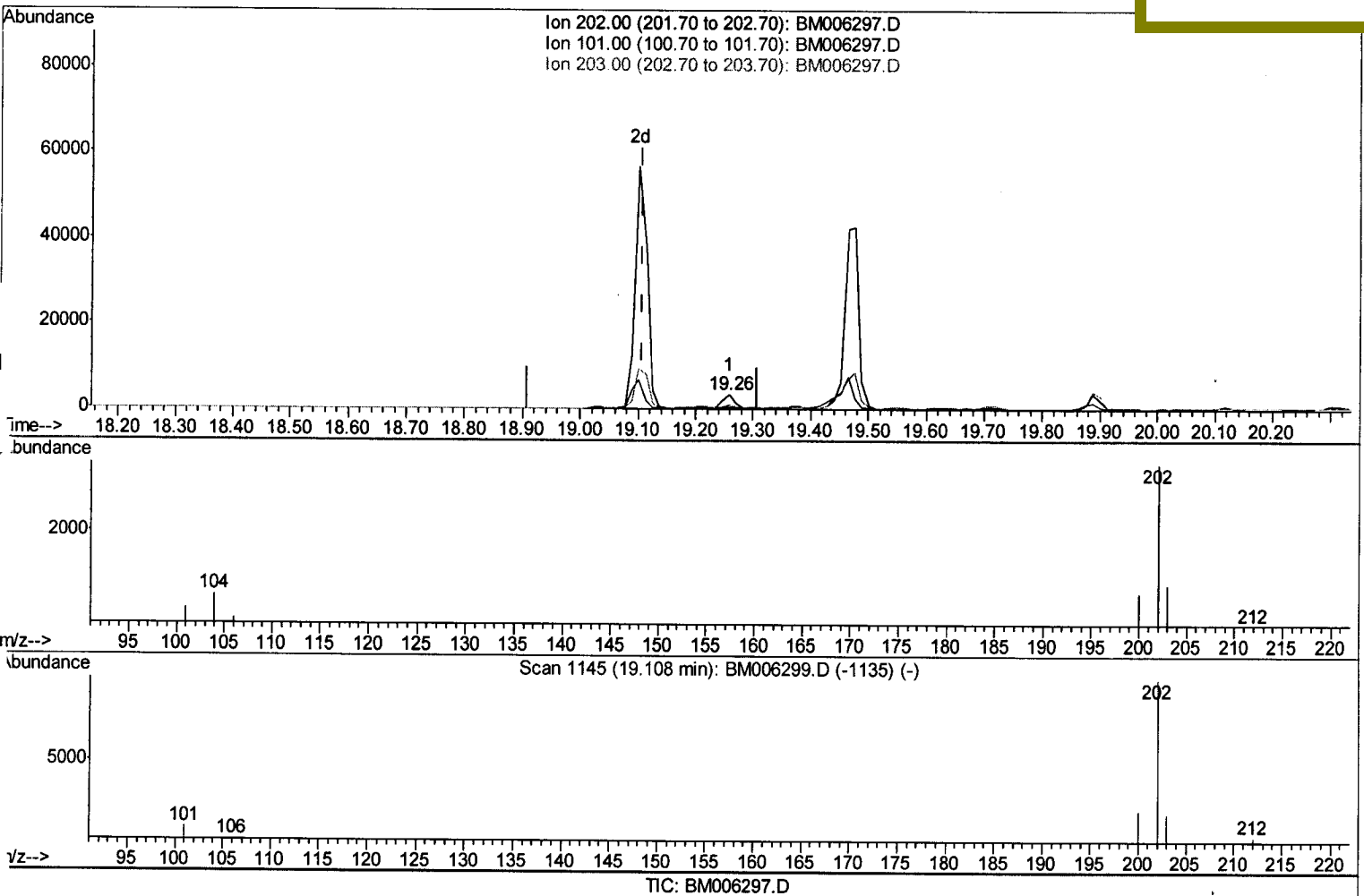
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Quant Time: Jul 07 11:30:58 2016  
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Manual Integrati

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(17) Fluoranthene (C)

19.259min (+0.150) 0.06ng/ul

response 4461

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 9.60  | 12.65 |
| 203.00 | 16.30 | 27.68 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

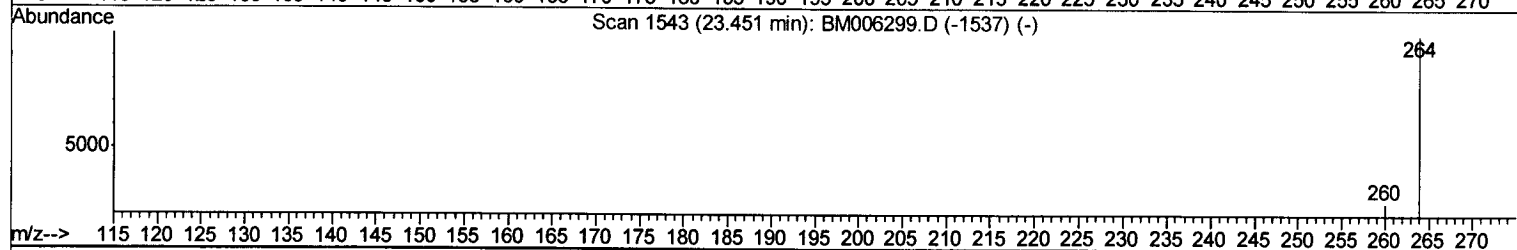
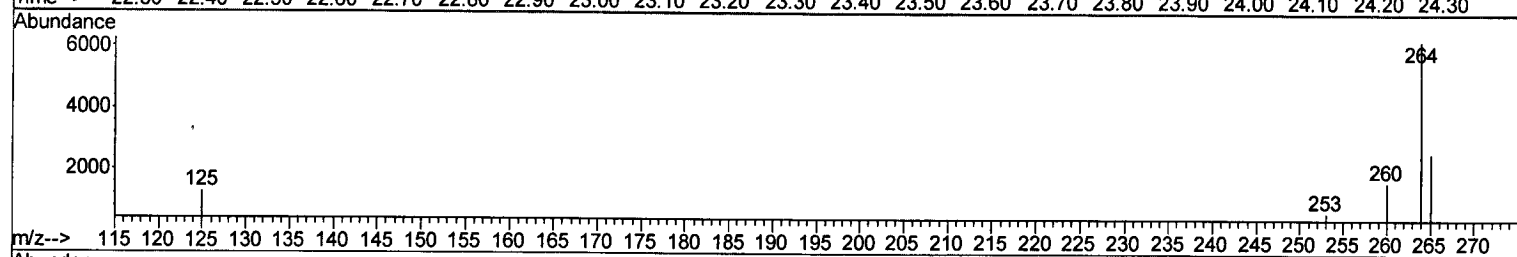
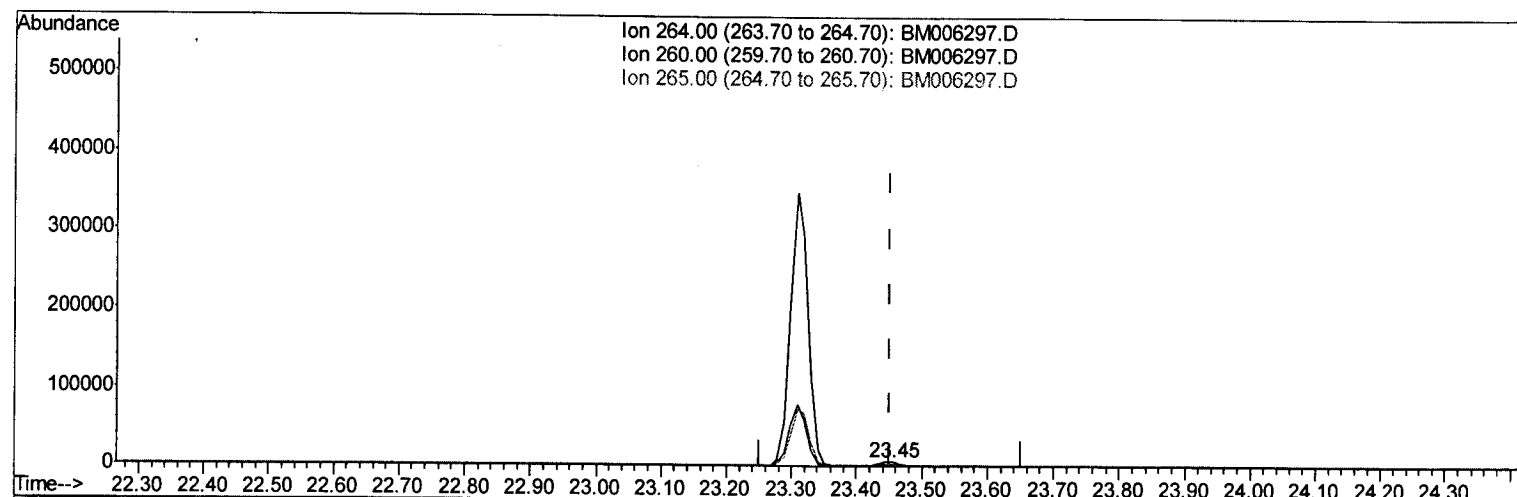
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Manual Integration

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TIC: BM006297.D

(22) Perylene-d12 (I)

23.455min (+0.004) 0.40ng/ul m *U.M*  
*07/11/16*  
 response 11754

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 25.60 | 26.22 |
| 265.00 | 38.20 | 41.59 |
| 0.00   | 0.00  | 0.00  |

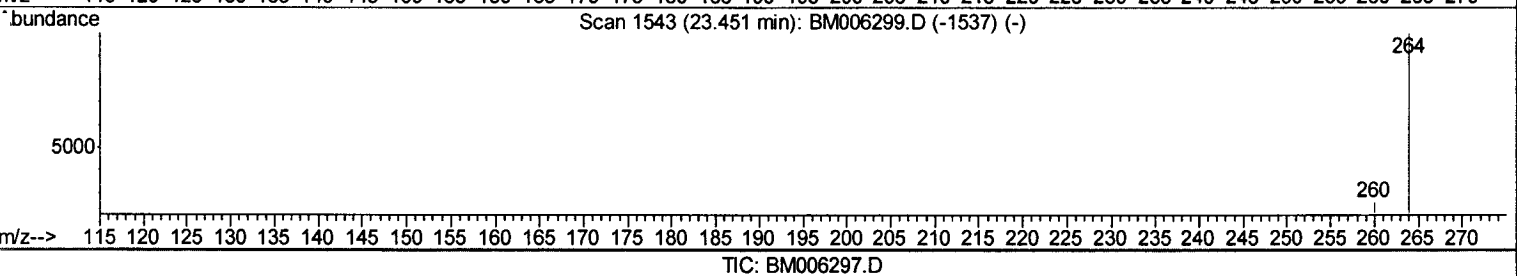
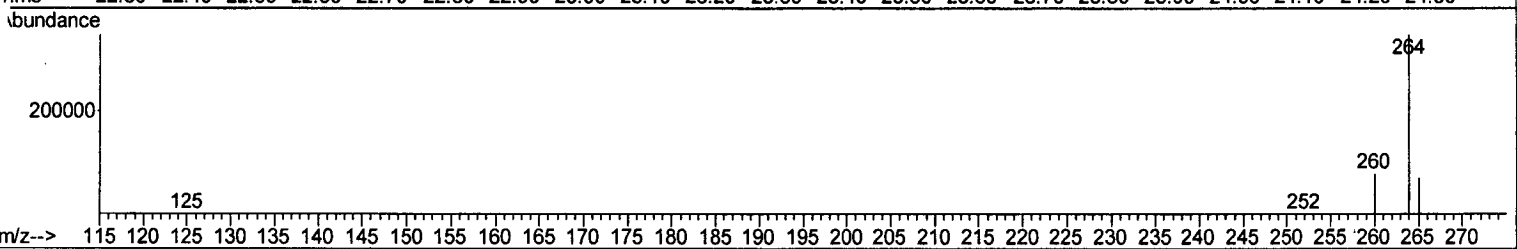
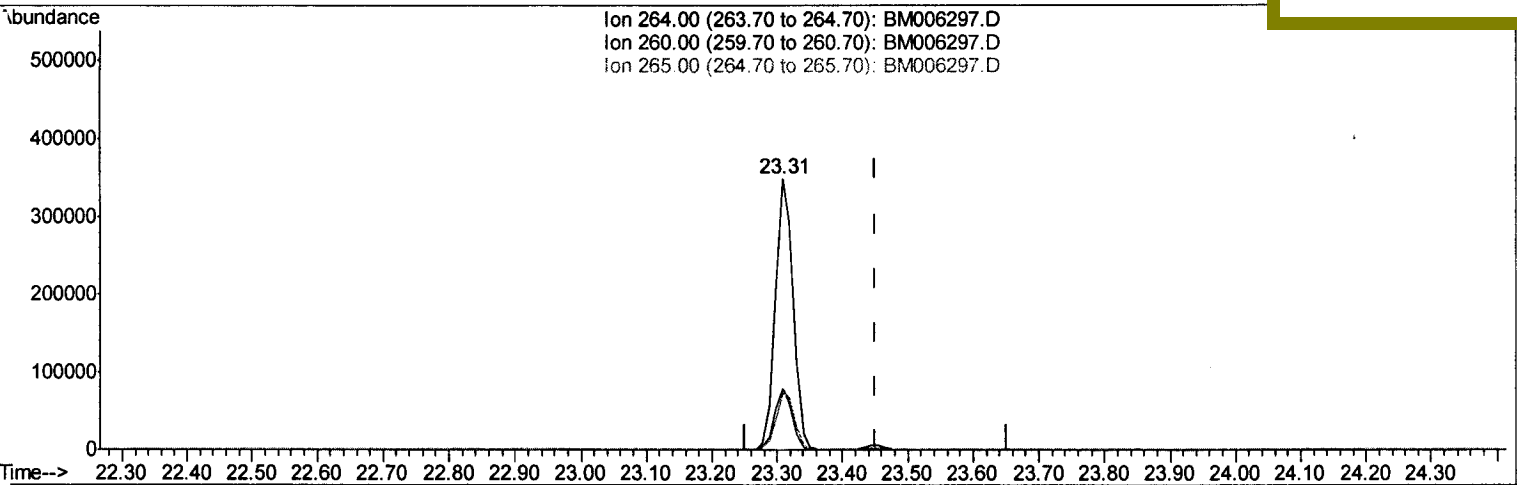
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006297.D  
Acq On : 06 Jul 2016 23:52  
Operator : UM/SJ  
Sample : H3811-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TV9

Quant Time: Jul 07 11:30:58 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 07 05:51:09 2016  
Response via : Initial Calibration

Manual Integration

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(22) Perylene-d12 (I)

23.309min (-0.142) 0.40ng/ul

response 652737

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 25.60 | 22.88  |
| 265.00 | 38.20 | 21.00# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

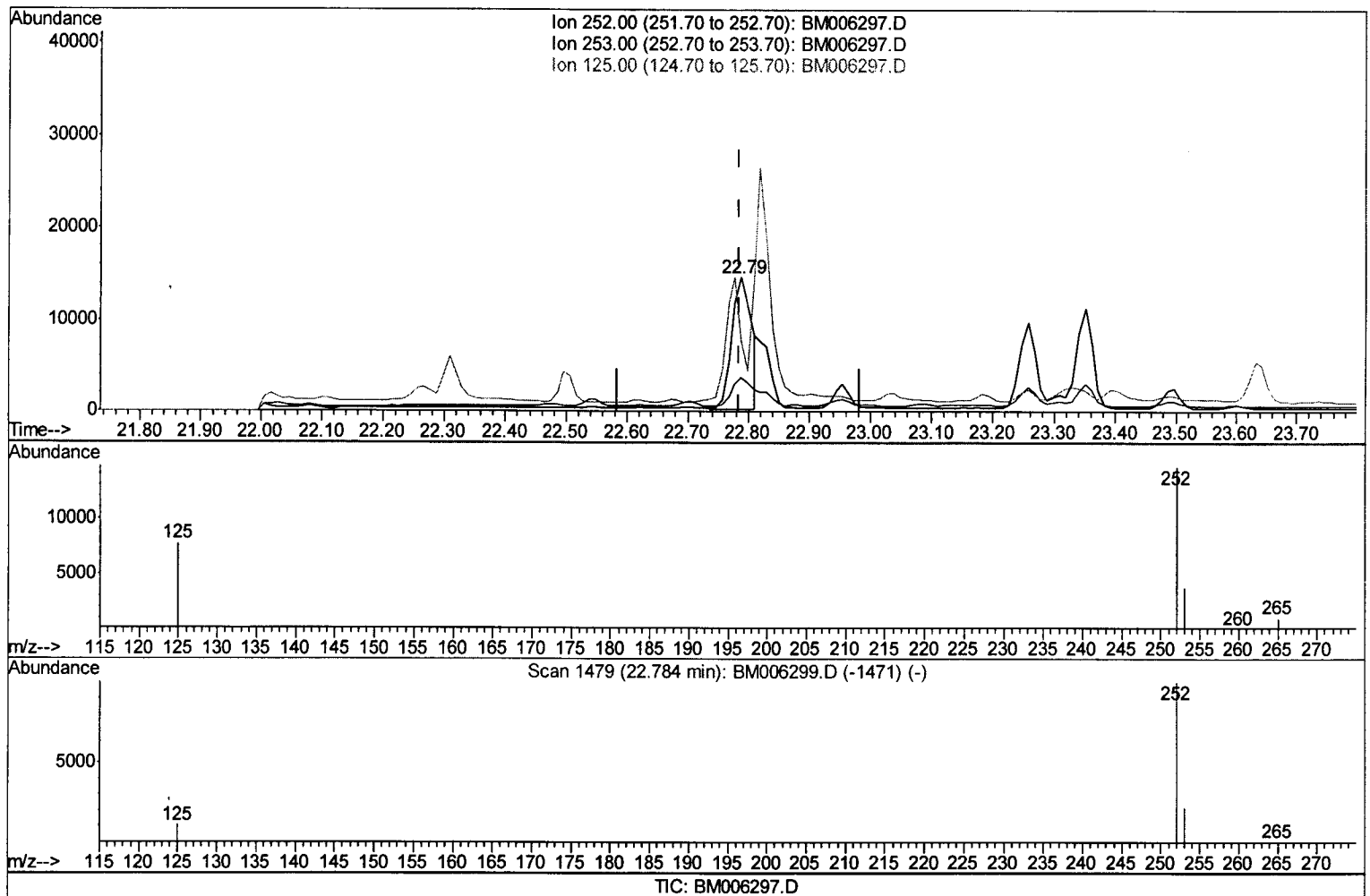
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Manual Integration

Quant Time: Jul 07 11:32:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 05:51:09 2016  
 Response via : Initial Calibration

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 umangi  
 7/7/2016 6:05:34 PM



(23) Benzo(b)fluoranthene

22.788min (+0.004) 0.76ng/ul m

response 32126

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.70 | 25.77  |
| 125.00 | 14.40 | 52.55# |
| 0.00   | 0.00  | 0.00   |

U.M  
 07/11/16

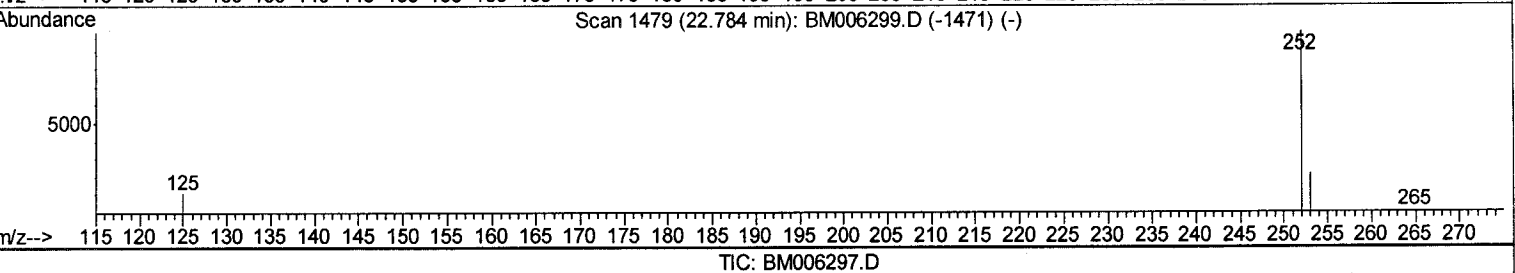
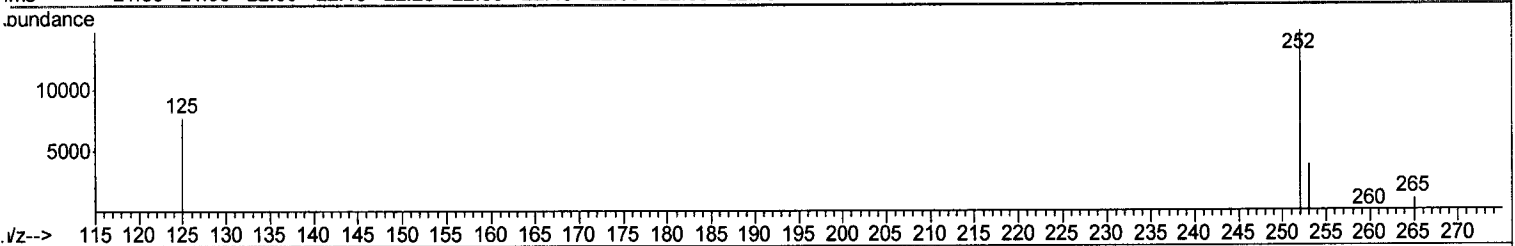
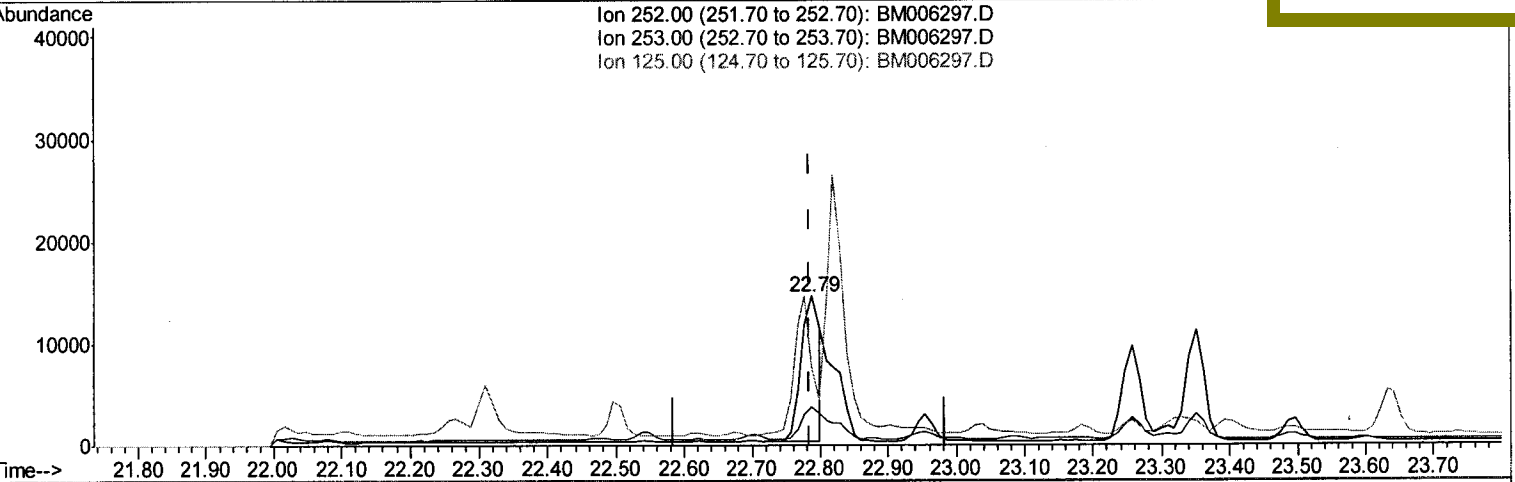
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006297.D  
Acq On : 06 Jul 2016 23:52  
Operator : UM/SJ  
Sample : H3811-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TV9

Manual Integration

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7/7/2016 6:05:34 PM

Quant Time: Jul 07 11:32:22 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
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QLast Update : Thu Jul 07 05:51:09 2016  
Response via : Initial Calibration



(23) Benzo(b)fluoranthene

22.788min (+0.004) 0.64ng/ul

response 26822

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.70 | 25.77  |
| 125.00 | 14.40 | 52.55# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

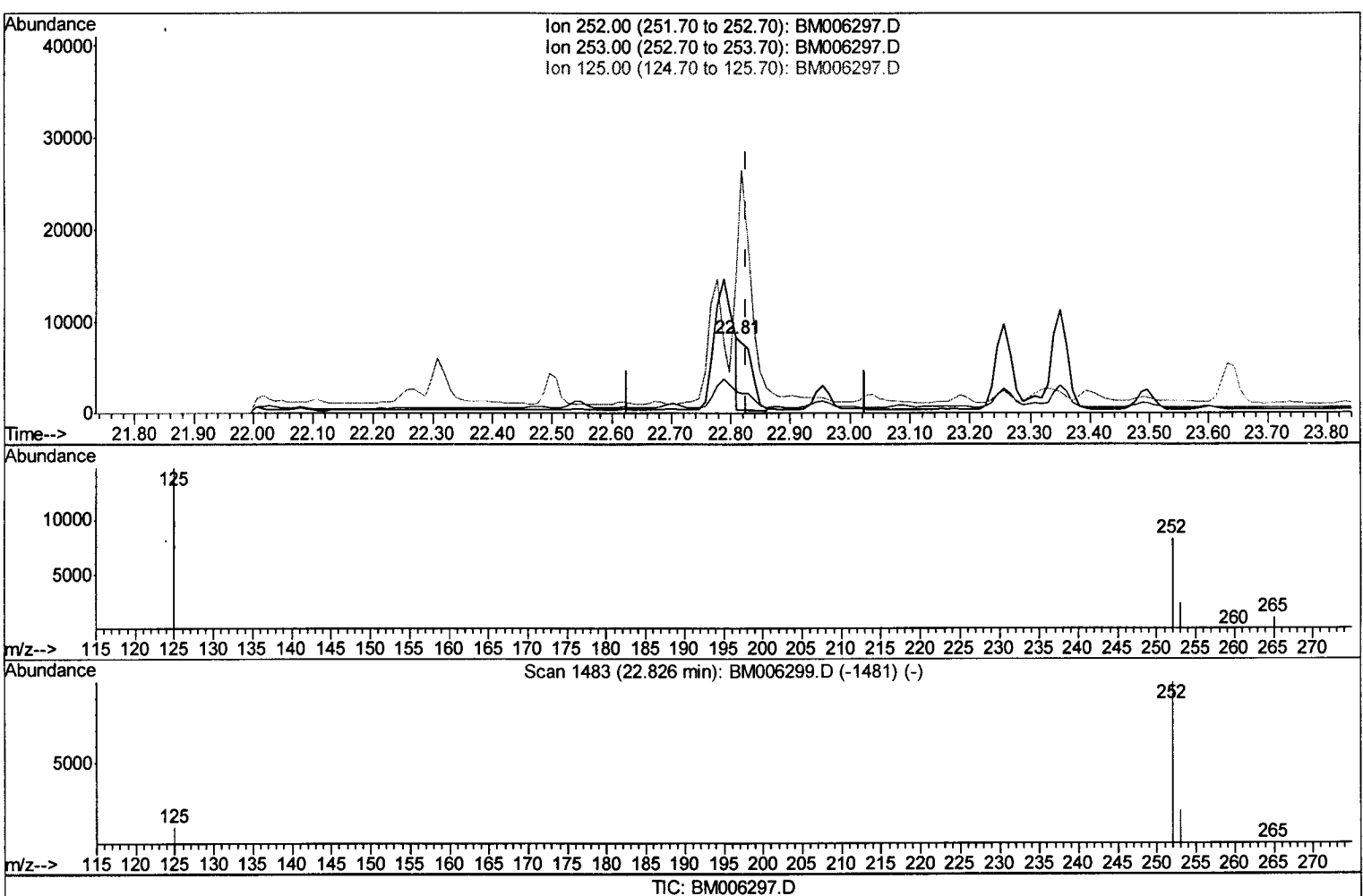
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
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 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integration

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 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

22.808min (-0.017) 0.29ng/ul m

response 11370

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 24.80 | 29.40   |
| 125.00 | 13.00 | 176.31# |
| 0.00   | 0.00  | 0.00    |

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# Quantitation Report (Qedit)

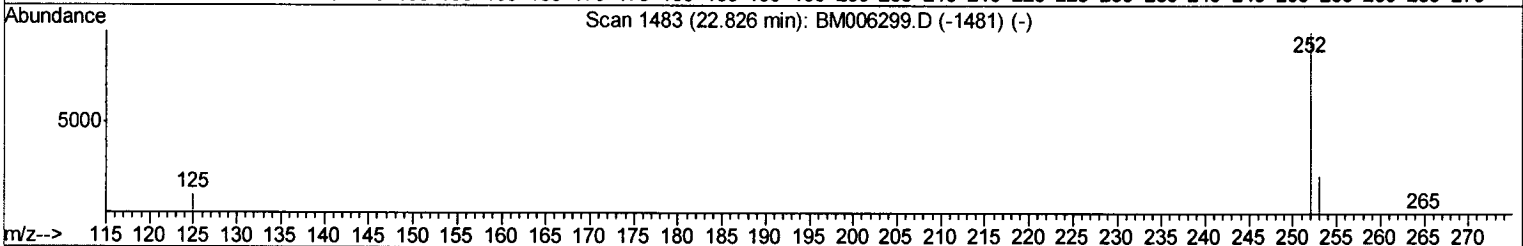
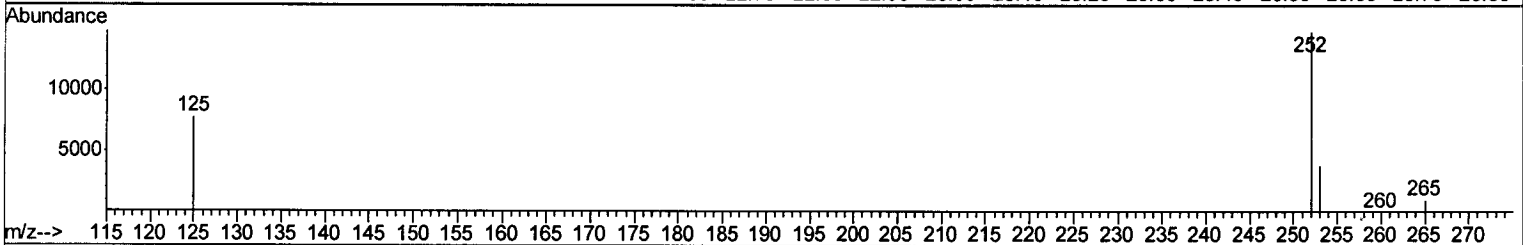
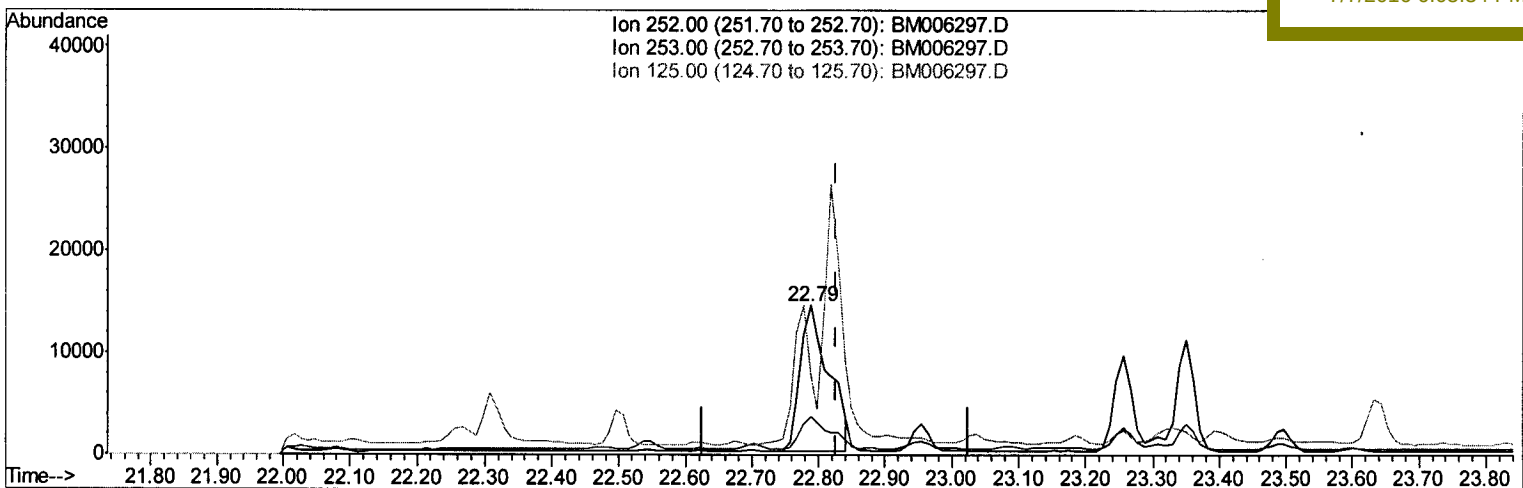
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

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TIC: BM006297.D

(24) Benzo(k)fluoranthene  
 22.788min (-0.038) 1.08ng/ul  
 response 42464  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 25.77  |
| 125.00 | 13.00 | 52.55# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

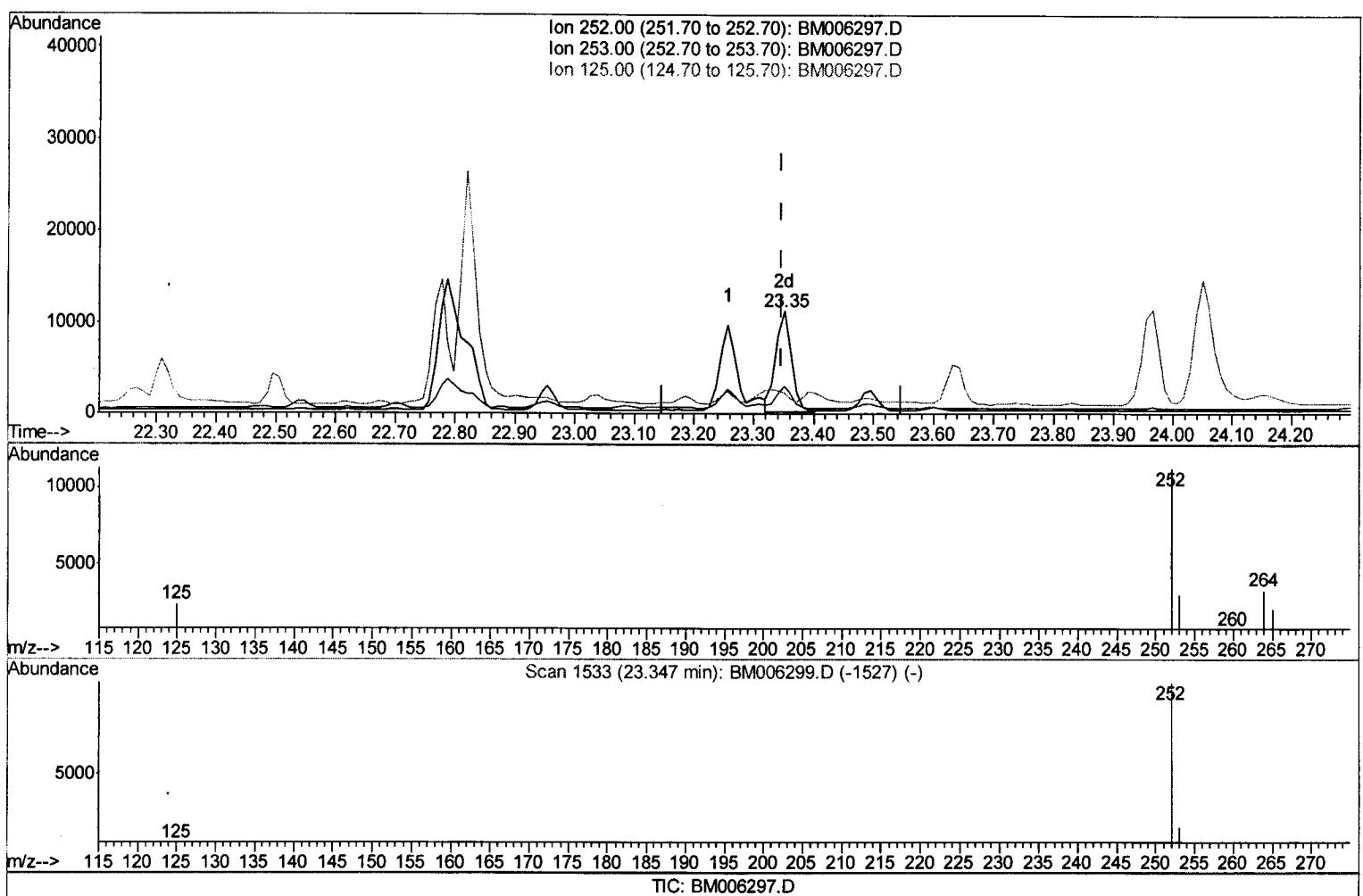
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
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 ClientSampleId :  
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 7/7/2016 6:05:34 PM



(25) Benzo(a)pyrene (C)

23.351min (+0.004) 0.52ng/ul m *U.M.*  
*07/11/16*

response 20266

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.30 | 26.30  |
| 125.00 | 15.90 | 20.50# |
| 0.00   | 0.00  | 0.00   |

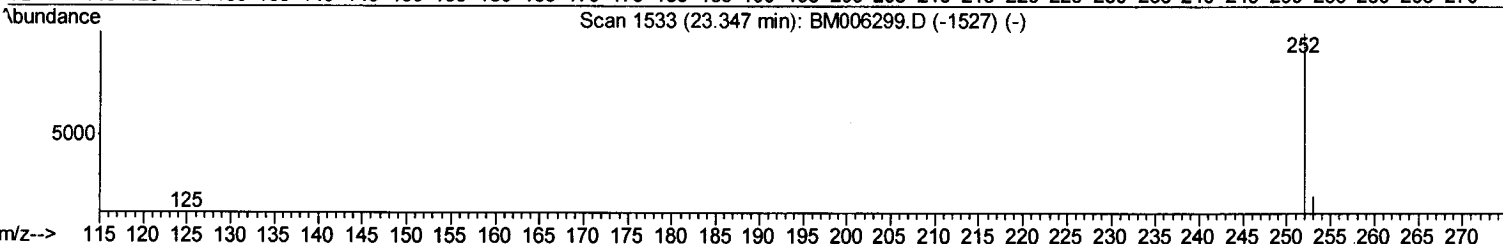
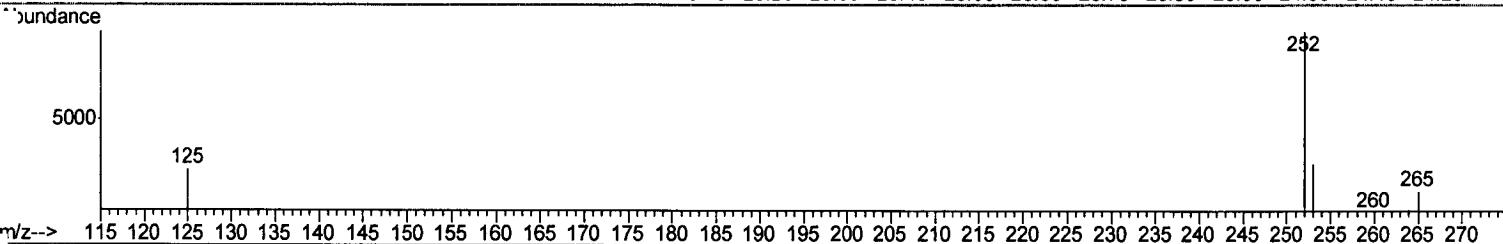
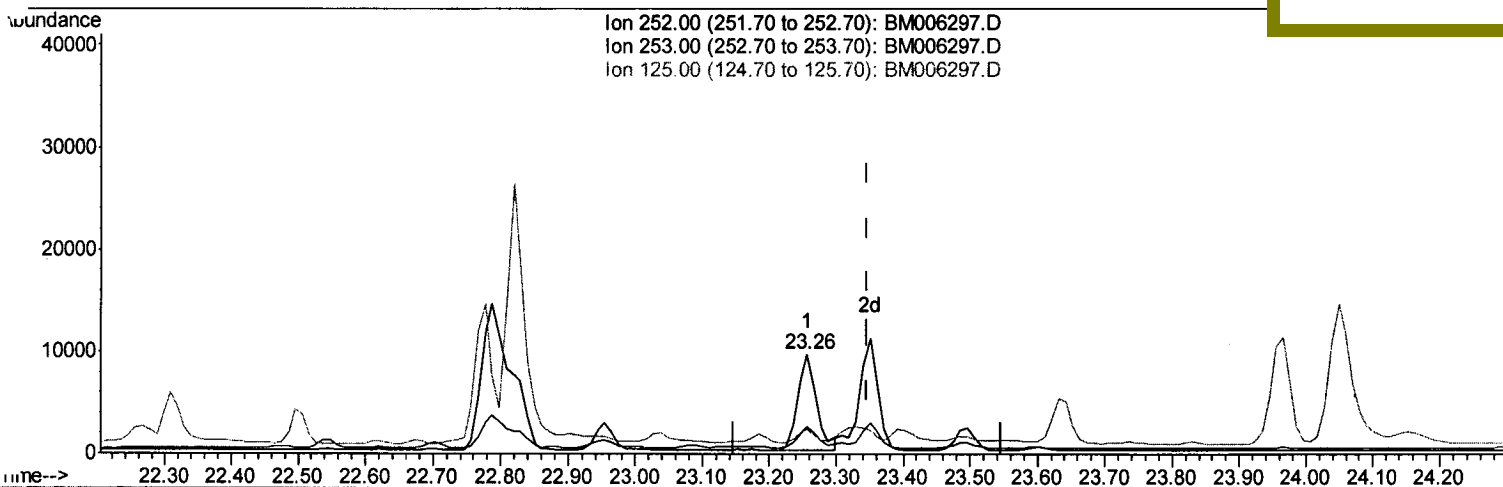
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006297.D  
Acq On : 06 Jul 2016 23:52  
Operator : UM/SJ  
Sample : H3811-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TV9

Quant Time: Jul 07 11:32:22 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 07 05:51:09 2016  
Response via : Initial Calibration

Manual Integration

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TIC: BM006297.D

(25) Benzo(a)pyrene (C)

23.257min (-0.090) 0.47ng/ul

response 18269

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.30 | 27.47  |
| 125.00 | 15.90 | 24.10# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

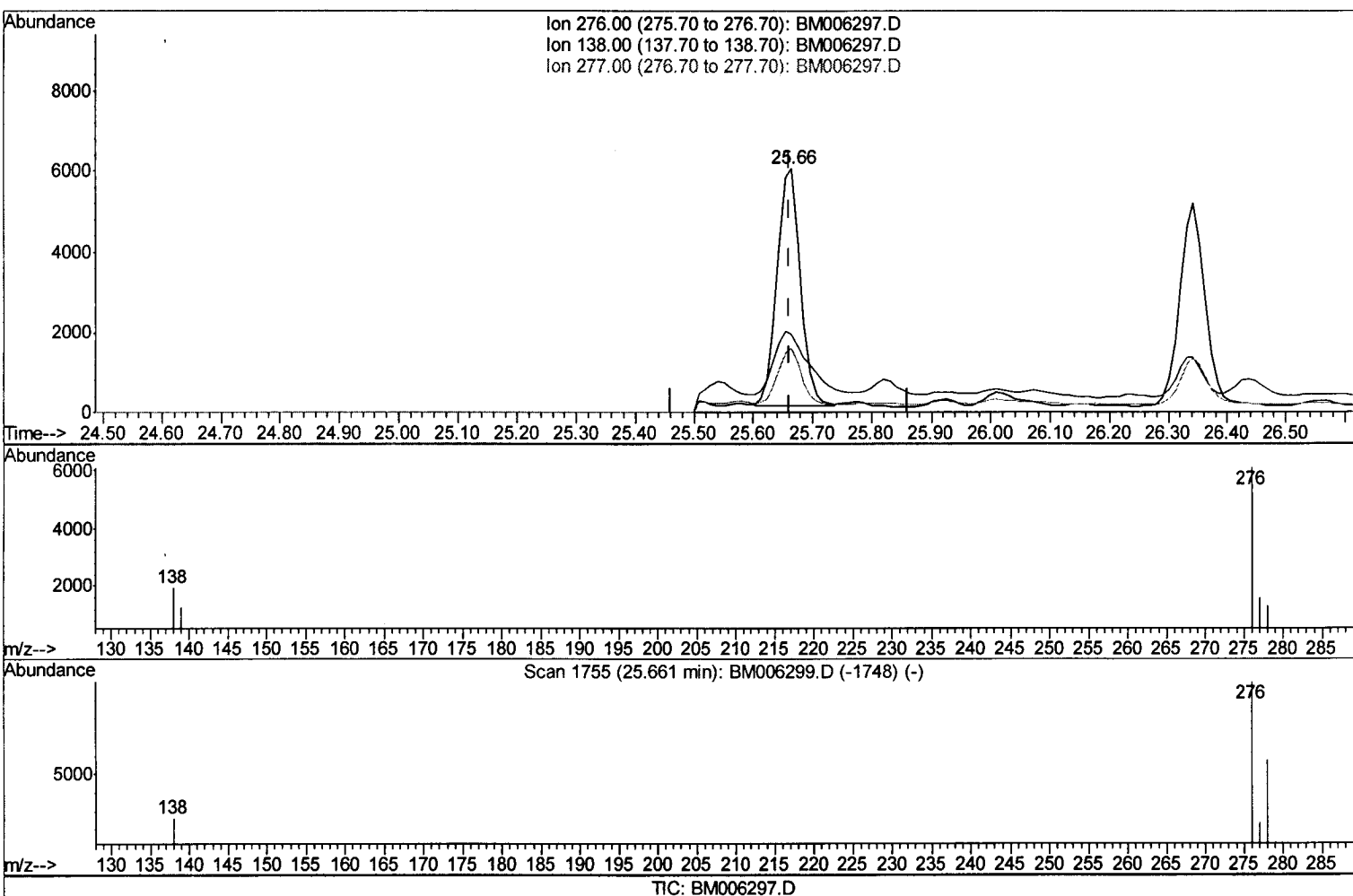
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Manual Integration

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Quant Time: Jul 07 11:32:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 05:51:09 2016  
 Response via : Initial Calibration



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

25.665min (+0.004) 0.37ng/ul m U.M  
 response 16141 07/11/16

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 20.40 | 0.00# |
| 277.00 | 24.80 | 4.50# |
| 0.00   | 0.00  | 0.00  |

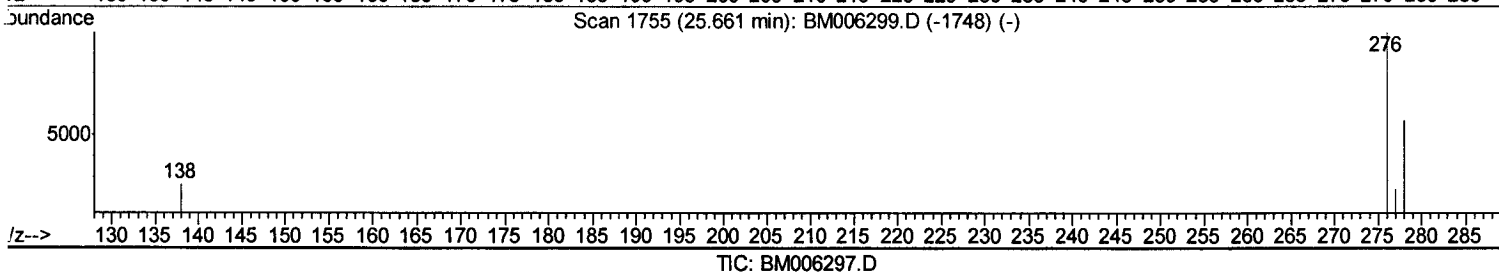
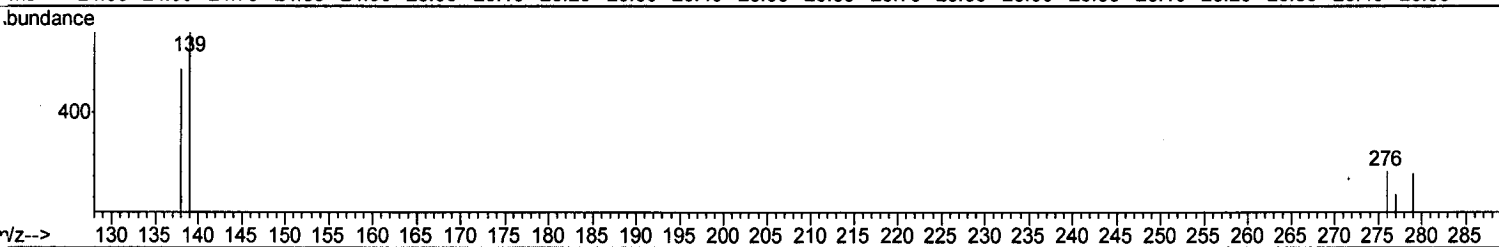
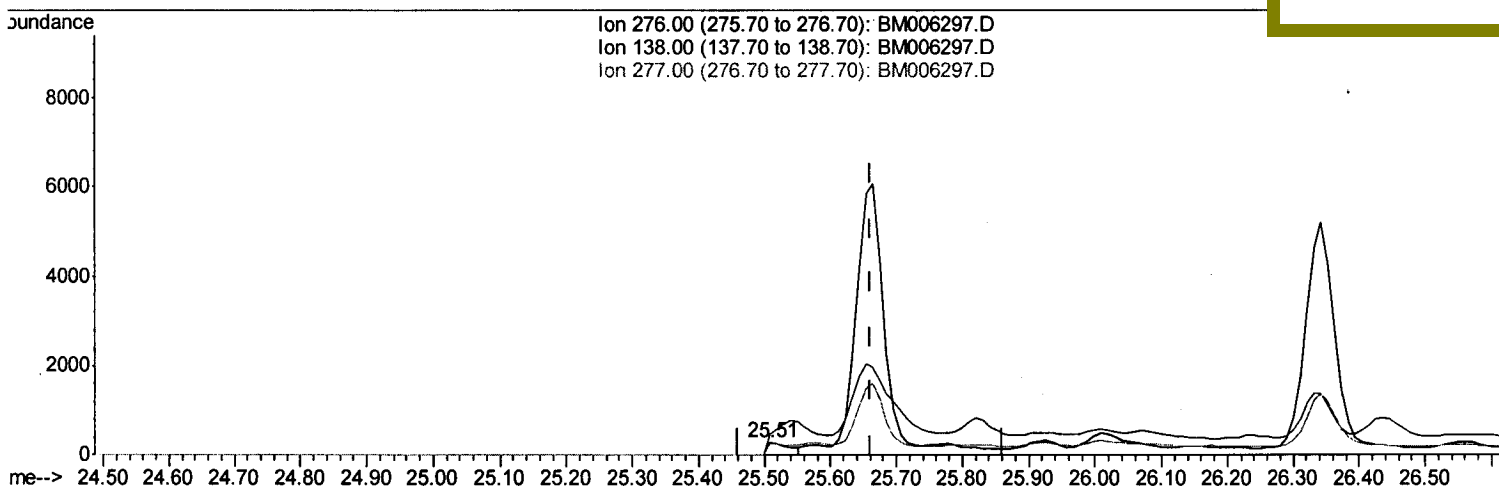
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006297.D  
Acq On : 06 Jul 2016 23:52  
Operator : UM/SJ  
Sample : H3811-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TV9

Manual Integration

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Quant Time: Jul 07 11:32:22 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 07 05:51:09 2016  
Response via : Initial Calibration



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

25.508min (-0.153) 0.02ng/ul

response 671

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 276.00 | 100   | 100     |
| 138.00 | 20.40 | 0.00#   |
| 277.00 | 24.80 | 108.35# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

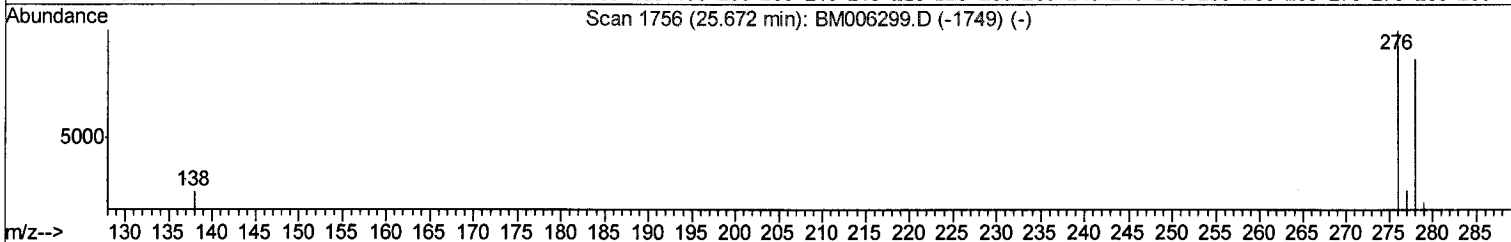
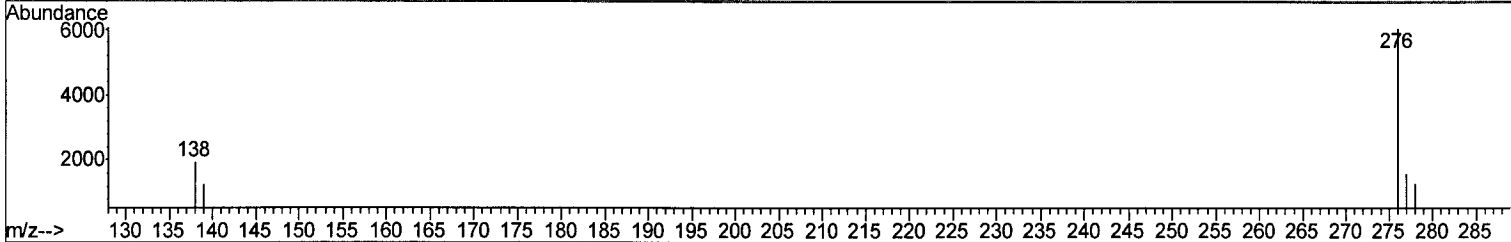
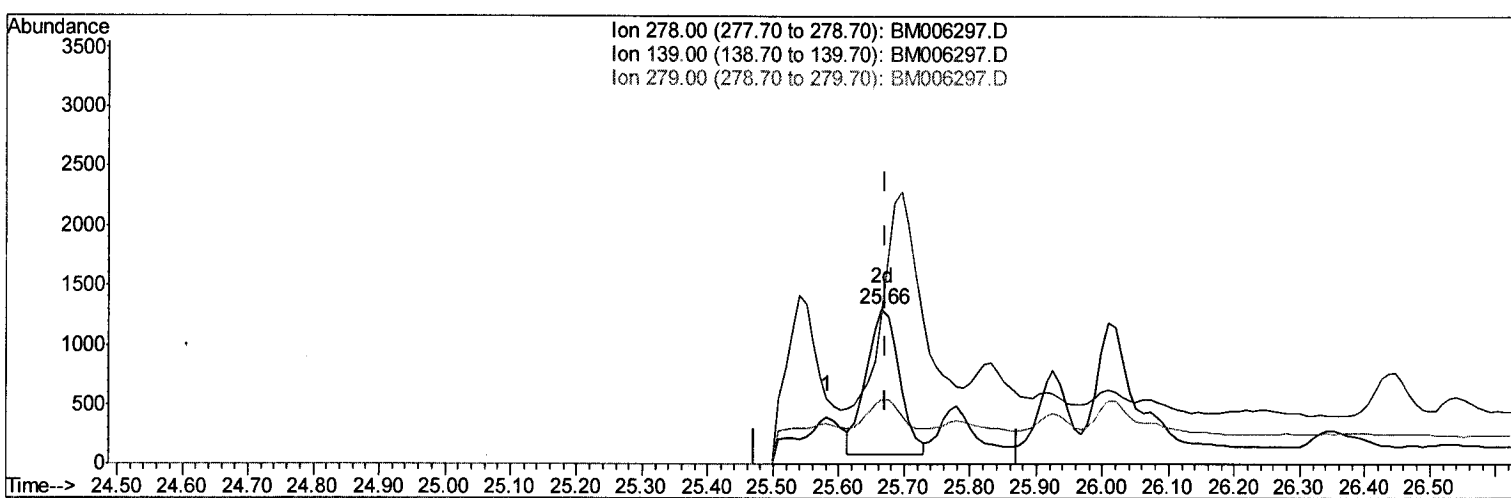
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Manual Integration

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Quant Time: Jul 07 11:32:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 05:51:09 2016  
 Response via : Initial Calibration



TIC: BM006297.D

(27) Dibenzo(a,h)anthracene

25.665min (-0.007) 0.13ng/ul m

response 4260

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 20.50 | 95.70# |
| 279.00 | 25.20 | 41.55# |
| 0.00   | 0.00  | 0.00   |

U. M  
 07/11/16

## Quantitation Report (Qedit)

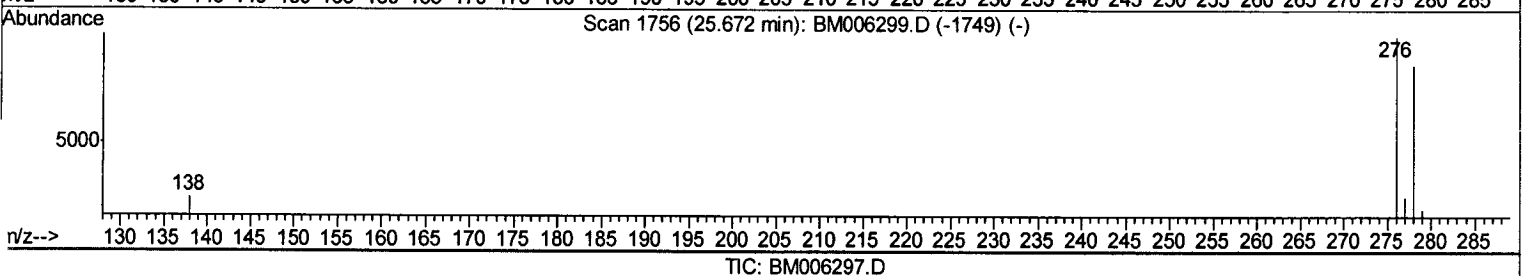
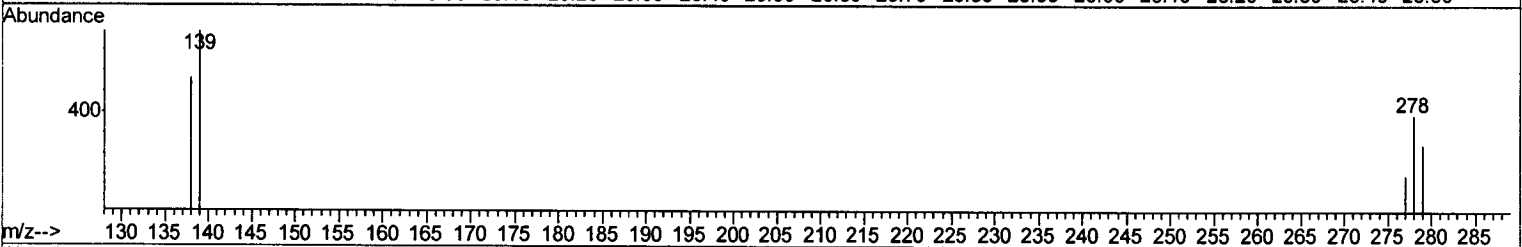
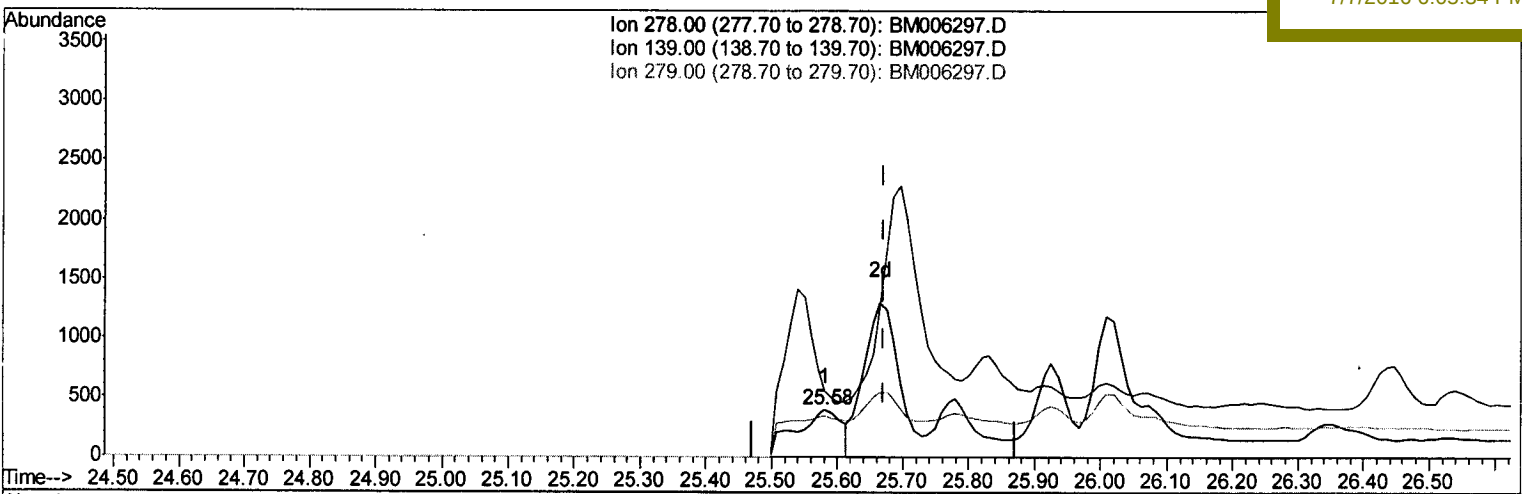
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006297.D  
Acq On : 06 Jul 2016 23:52  
Operator : UM/SJ  
Sample : H3811-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TV9

Quant Time: Jul 07 11:32:22 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 07 05:51:09 2016  
Response via : Initial Calibration

Manual Integration

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(27) Dibenzo(a,h)anthracene

25.581min (-0.090) 0.06ng/ul

response 1900

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 278.00 | 100   | 100     |
| 139.00 | 20.50 | 140.51# |
| 279.00 | 25.20 | 86.08#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

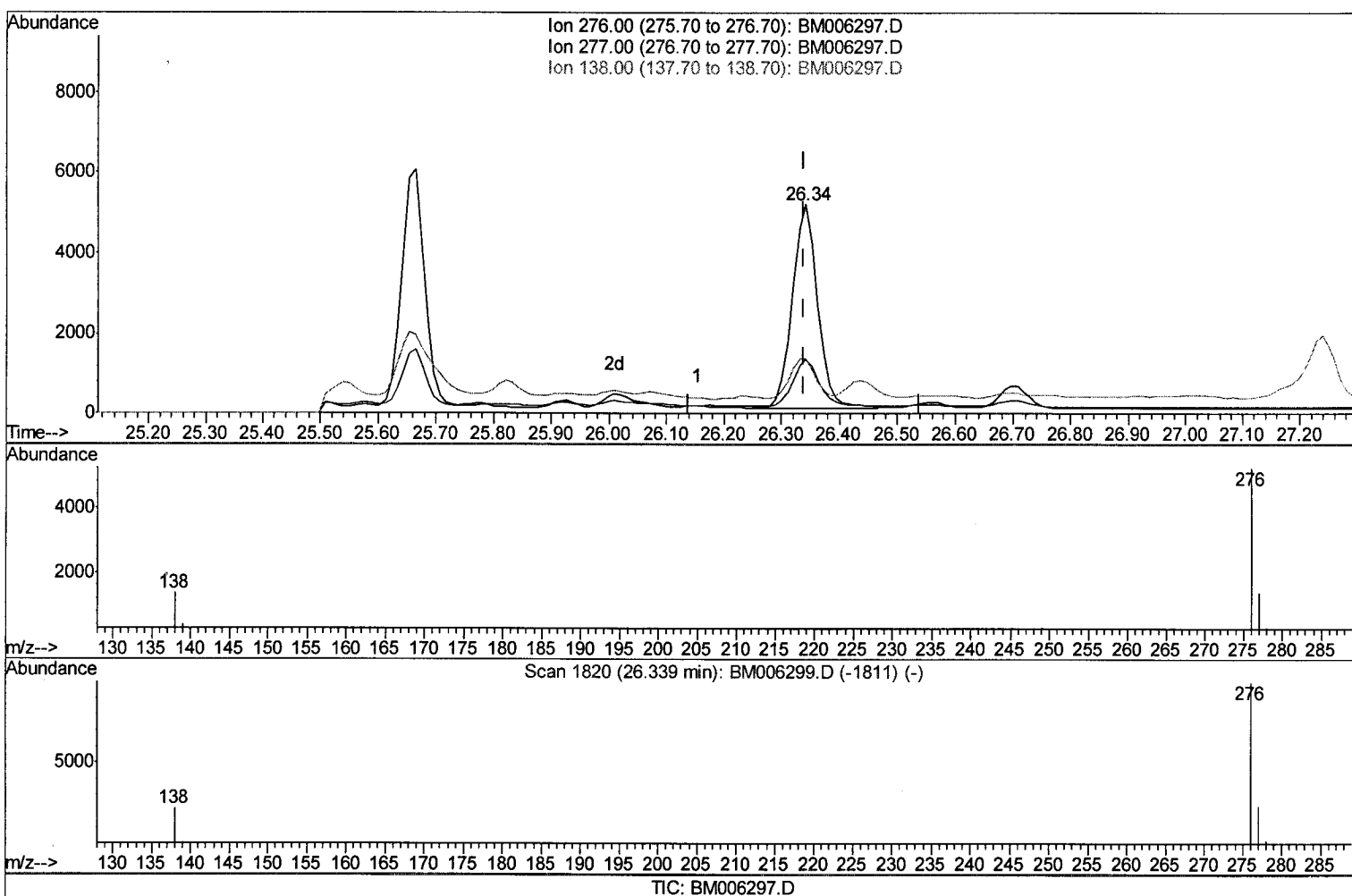
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 A4TV9

Manual Integration

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Quant Time: Jul 07 11:32:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 05:51:09 2016  
 Response via : Initial Calibration



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

26.342min (+0.004) 0.42ng/ul m

response 15322

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 277.00 | 23.60 | 26.24 |
| 138.00 | 28.10 | 26.46 |
| 0.00   | 0.00  | 0.00  |

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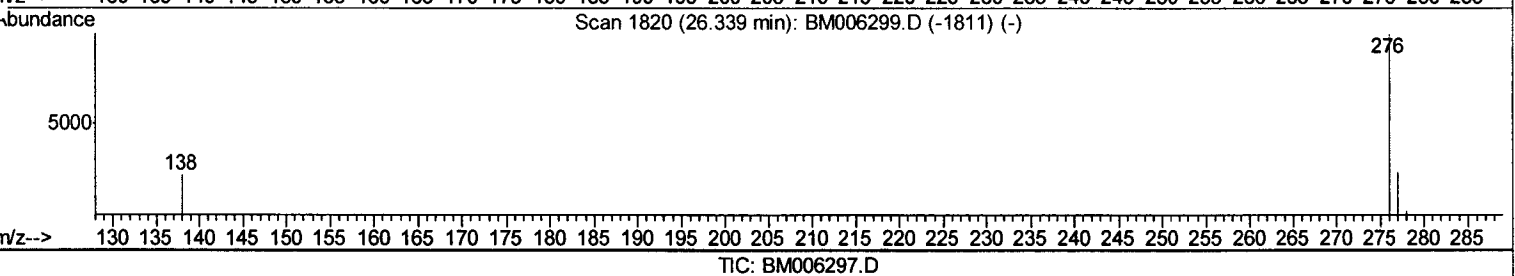
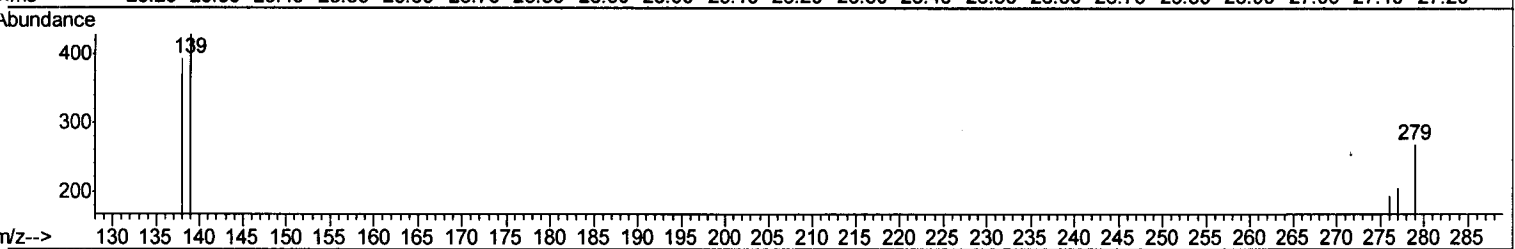
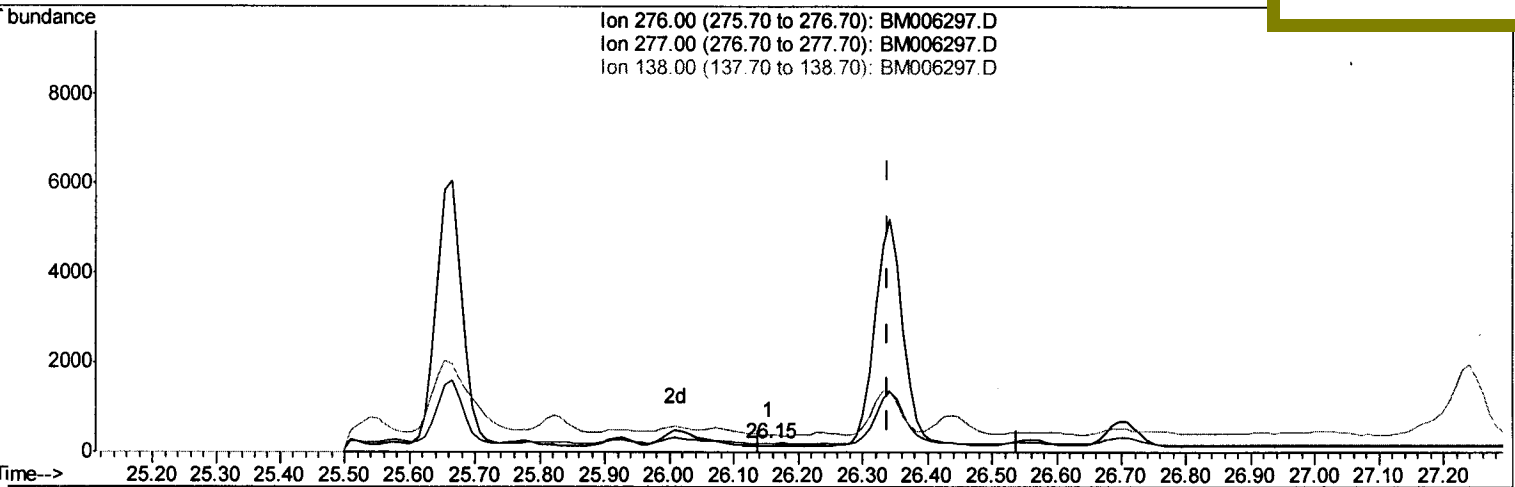
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006297.D  
Acq On : 06 Jul 2016 23:52  
Operator : UM/SJ  
Sample : H3811-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TV9

Manual Integrati

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Quant Time: Jul 07 11:32:22 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 07 05:51:09 2016  
Response via : Initial Calibration



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

26.155min (-0.184) 0.01ng/ul

response 188

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 276.00 | 100   | 100     |
| 277.00 | 23.60 | 105.15# |
| 138.00 | 28.10 | 203.09# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006297.D  
 Acq On : 06 Jul 2016 23:52  
 Operator : UM/SJ  
 Sample : H3811-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TV9

Quant Time: Jul 07 11:34:11 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM070716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 05:51:09 2016  
 Response via : Initial Calibration

Manual Integration

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 4991     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.43 | 136  | 19978    | 0.40 | ng/ul | 0.00     |
| 8) Acenaphthene-d10       | 14.30 | 164  | 11657    | 0.40 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.04 | 188  | 25024m   | 0.40 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 21.23 | 240  | 15990    | 0.40 | ng/ul | 0.00     |
| 22) Perylene-d12          | 23.45 | 264  | 11754m   | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 2) 1,4-Dioxane-d8           | 3.17  | 96   | 9190     | 4.36 | ng/uL | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.02 | 152  | 7704     | 0.33 | ng/ul | 0.00     |
| 16) Fluoranthene-d10        | 19.08 | 212  | 16232    | 0.31 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 5) Naphthalene             | 10.48 | 128  | 2706     | 0.06 | ng/ul# | 88     |
| 7) 2-Methylnaphthalene     | 12.09 | 142  | 2422     | 0.08 | ng/ul  | 100    |
| 9) Acenaphthylene          | 14.01 | 152  | 5126     | 0.13 | ng/ul# | 93     |
| 11) Fluorene               | 15.34 | 166  | 1571     | 0.04 | ng/ul# | 73     |
| 14) Phenanthrene           | 17.07 | 178  | 41658m   | 0.60 | ng/ul  |        |
| 15) Anthracene             | 17.16 | 178  | 4279     | 0.07 | ng/ul# | 78     |
| 17) Fluoranthene           | 19.10 | 202  | 81066m   | 1.06 | ng/ul  |        |
| 19) Pyrene                 | 19.48 | 202  | 72083    | 1.08 | ng/ul# | 90     |
| 20) Benzo(a)anthracene     | 21.21 | 228  | 20403    | 0.39 | ng/ul# | 89     |
| 21) Chrysene               | 21.27 | 228  | 32842    | 0.65 | ng/ul# | 90     |
| 23) Benzo(b)fluoranthene   | 22.79 | 252  | 32126m   | 0.76 | ng/ul  |        |
| 24) Benzo(k)fluoranthene   | 22.81 | 252  | 11370m   | 0.29 | ng/ul  |        |
| 25) Benzo(a)pyrene         | 23.35 | 252  | 20266m   | 0.52 | ng/ul  |        |
| 26) Indeno(1,2,3-cd)pyrene | 25.66 | 276  | 16141m   | 0.37 | ng/ul  |        |
| 27) Dibenzo(a,h)anthracene | 25.66 | 278  | 4260m    | 0.13 | ng/ul  |        |
| 28) Benzo(g,h,i)perylene   | 26.34 | 276  | 15322m   | 0.42 | ng/ul  |        |

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