

# Quantitation Report (QT Reviewed)

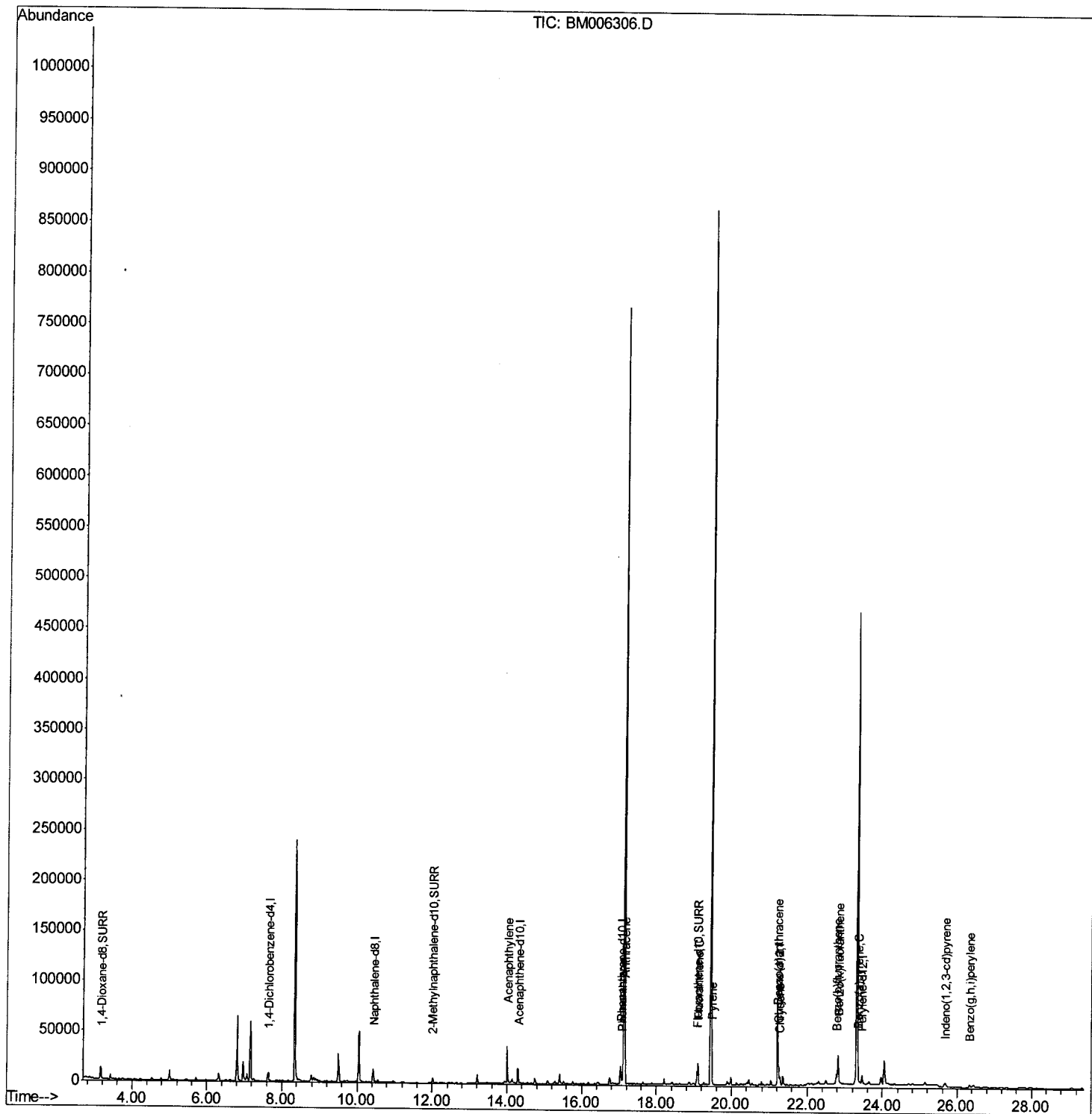
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TX0

Manual Integration

Quant Time: Jul 07 13:08:20 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  
 umangi  
 7/7/2016 6:06:09 PM



# Quantitation Report (Qedit)

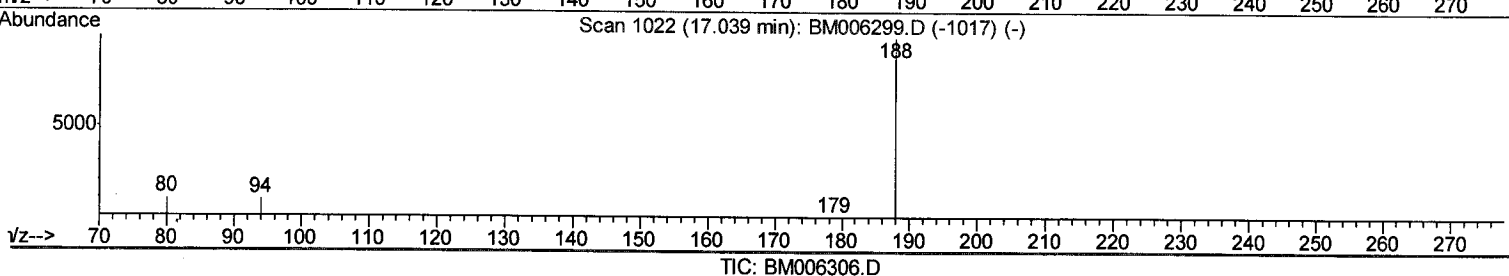
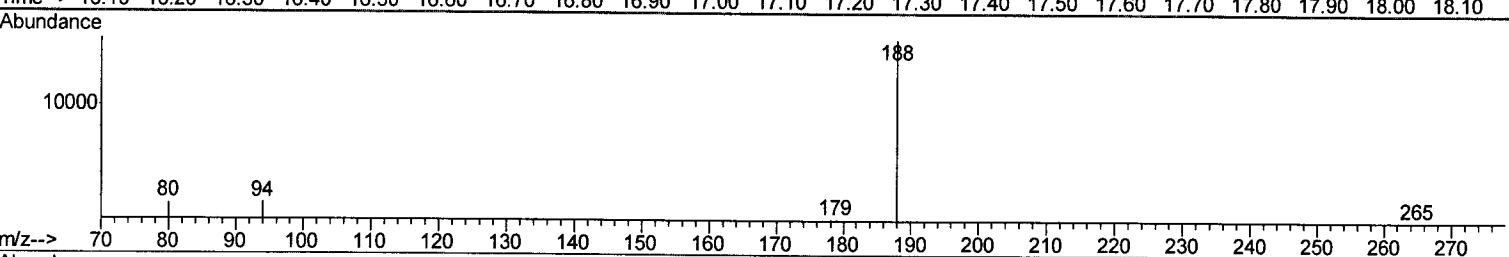
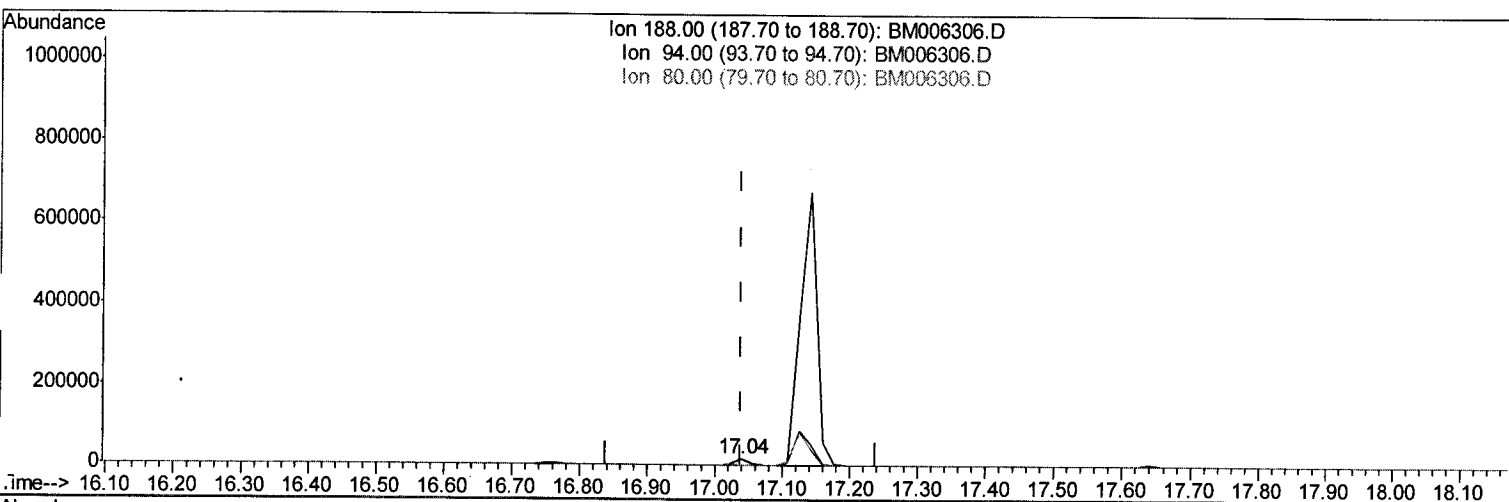
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TX0

Manual Integration

Quant Time: Jul 07 13:02:36 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  
 umangi  
 7/7/2016 6:06:09 PM



(12) Phenanthrene-d10 (I)

17.039min (+0.000) 0.40ng/ul m

response 23166

V.M  
 07/11/16

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.70 | 9.87  |
| 80.00  | 11.90 | 9.38# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

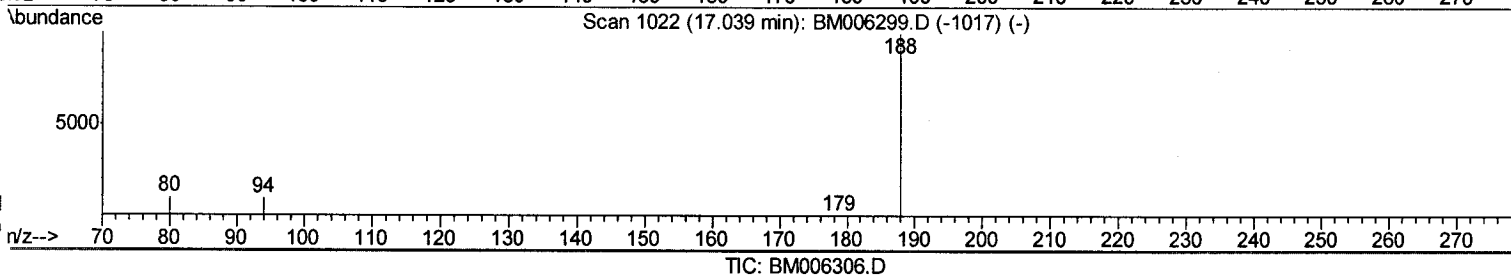
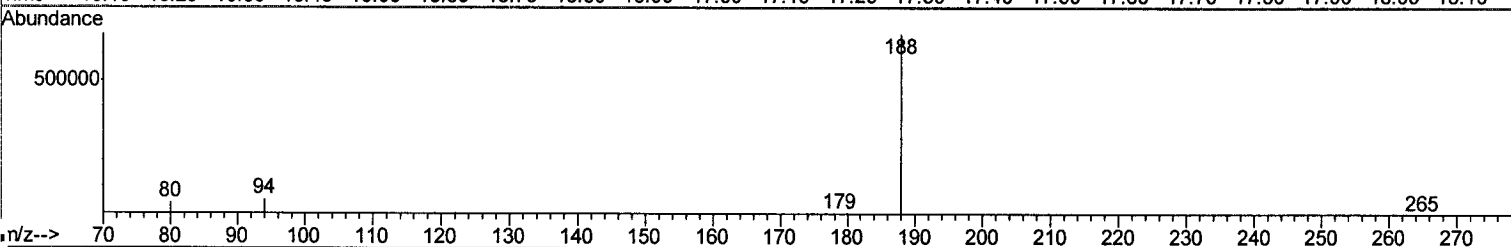
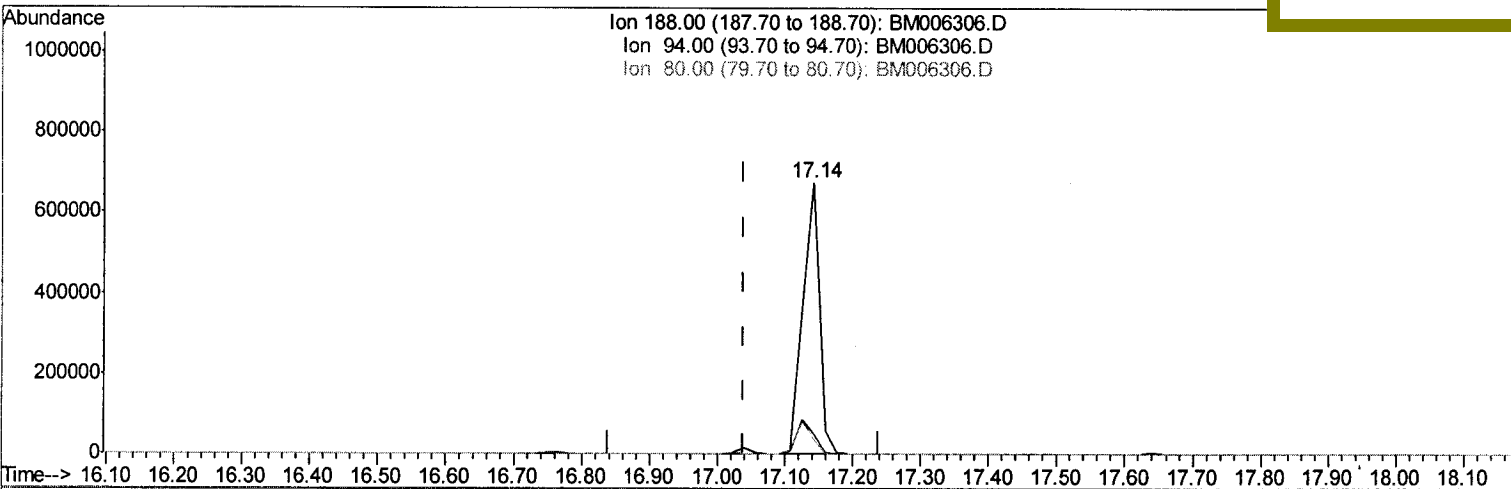
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Quant Time: Jul 07 13:02:36 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

umangi  
7/7/2016 6:06:09 PM



(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 1146952

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.70 | 7.80# |
| 80.00  | 11.90 | 5.89# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

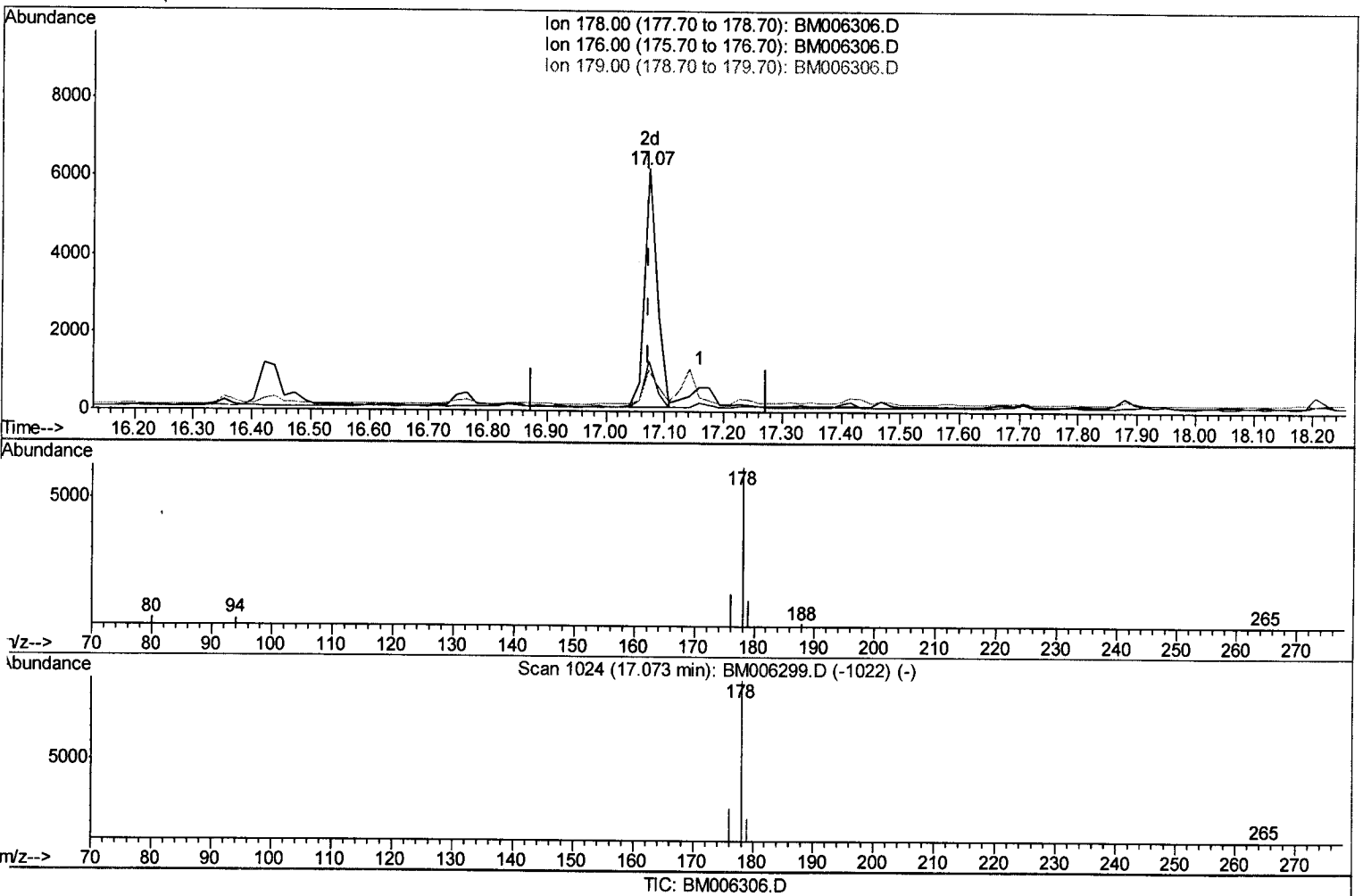
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA M  
 ClientSampleId :  
 A4TX0

Manual Integration

APPROVED  
 umangi  
 7/7/2016 6:06:09 PM

Quant Time: Jul 07 13:03:08 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



(14) Phenanthrene

17.073min (+0.000) 0.15ng/ul m *U.M*  
*07/11/16*  
 response 9526

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 16.20 | 21.13# |
| 179.00 | 17.70 | 17.17  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

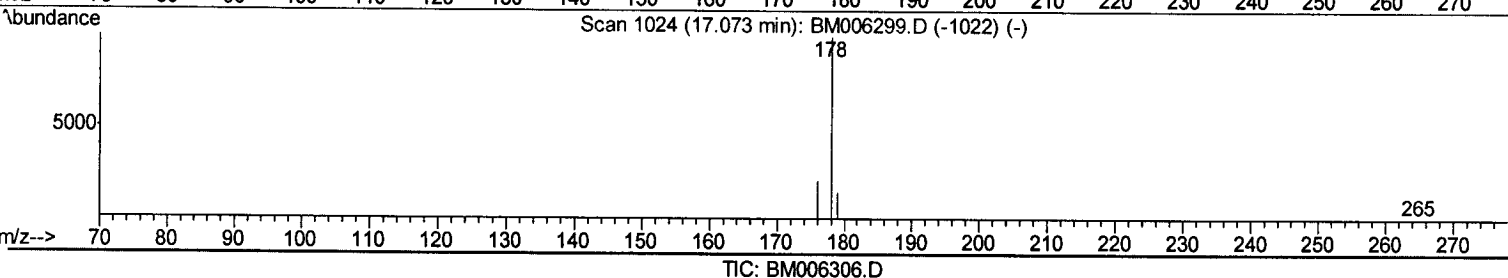
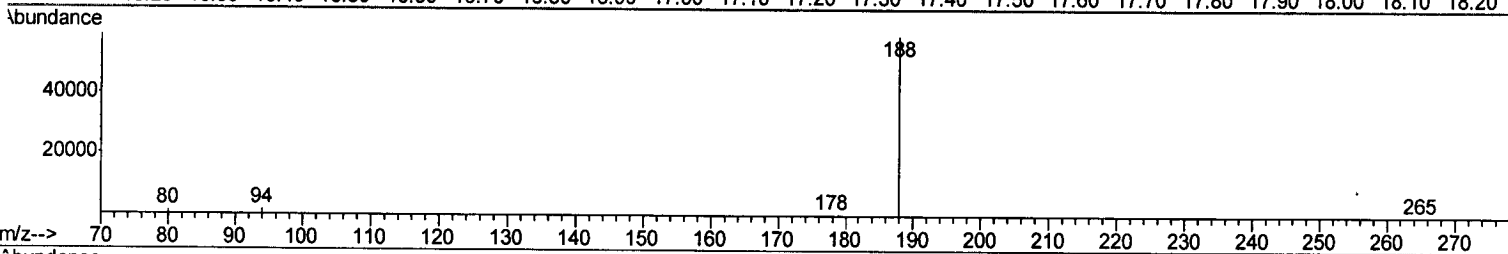
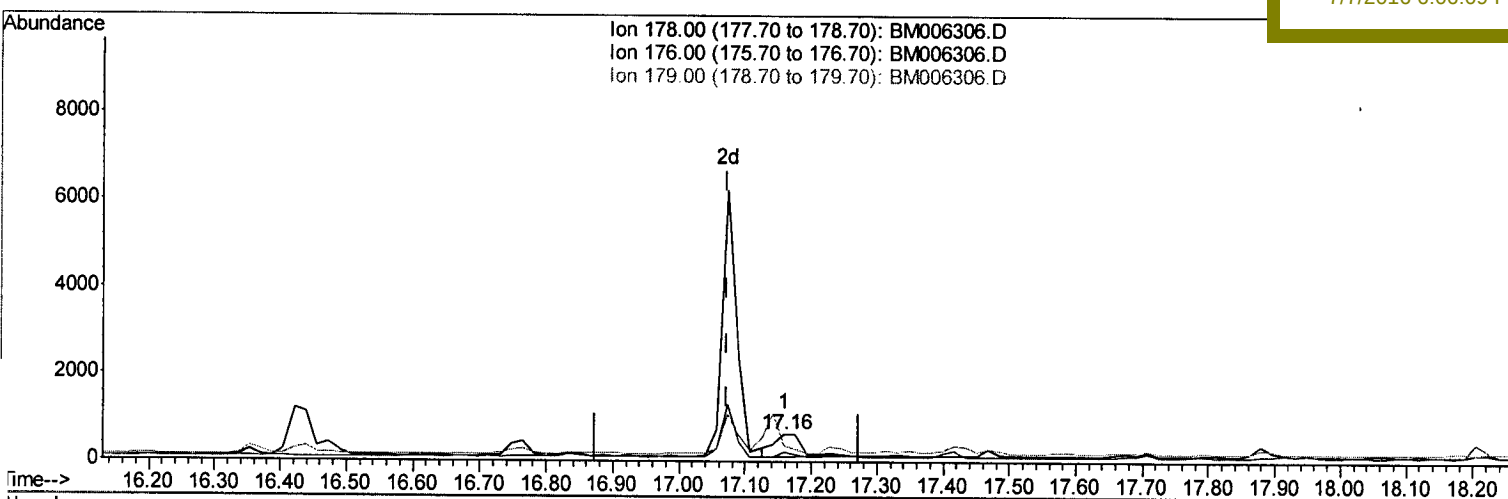
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Quant Time: Jul 07 13:03:08 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

APPROVED  
umangi  
7/7/2016 6:06:09 PM



## (14) Phenanthrene

17.159min (+0.086) 0.02ng/ul

response 1501

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 16.20 | 33.86# |
| 179.00 | 17.70 | 60.13# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

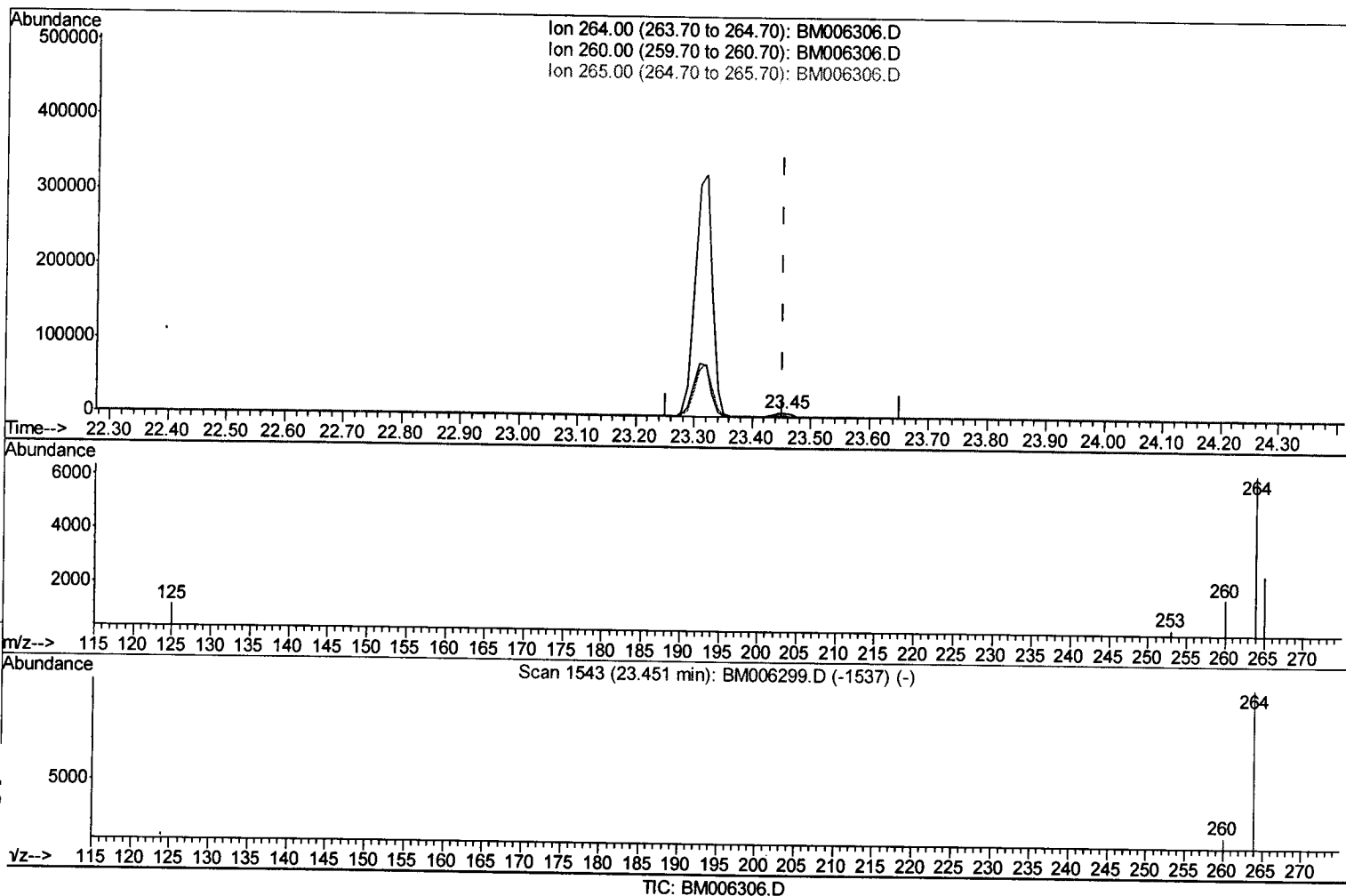
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TX0

Manual Integration

umangi  
 7/7/2016 6:06:09 PM

Quant Time: Jul 07 13:03:08 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



(22) Perylene-d12 (I)

23.455min (+0.004) 0.40ng/ul m

response 11624

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 25.60 | 26.91 |
| 265.00 | 38.20 | 41.14 |
| 0.00   | 0.00  | 0.00  |

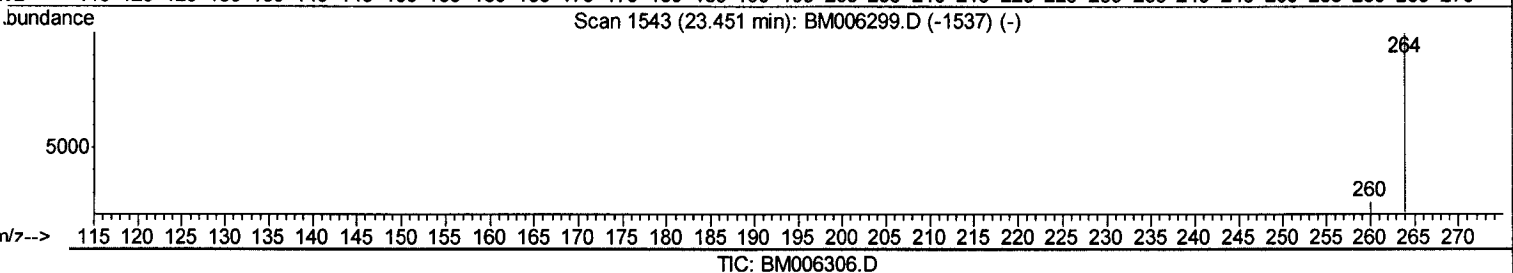
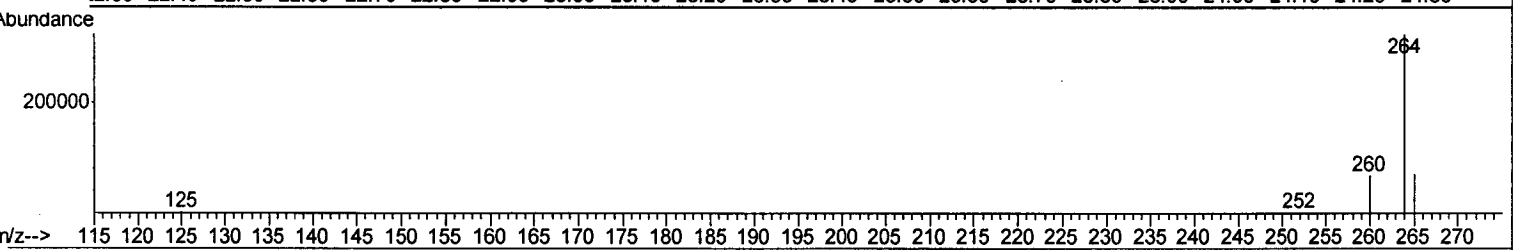
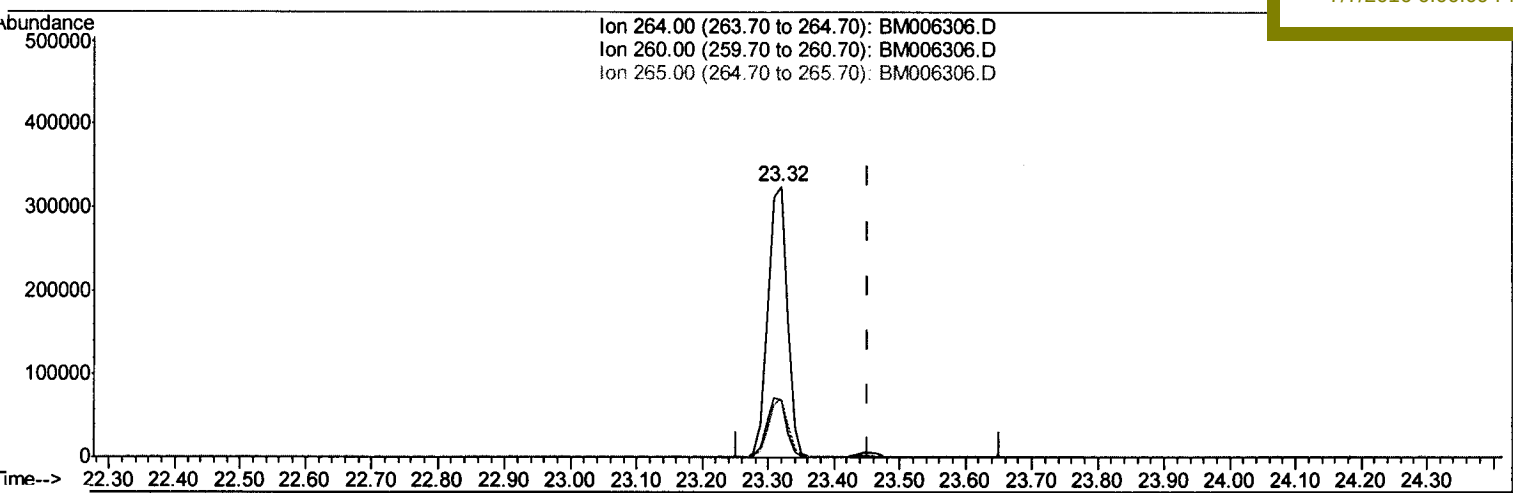
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Manual Integration

APPROVED  
umangi  
7/7/2016 6:06:09 PM

Quant Time: Jul 07 13:03:08 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



(22) Perylene-d12 (I)

23.319min (-0.132) 0.40ng/ul

response 648186

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 25.60 | 21.39  |
| 265.00 | 38.20 | 21.99# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

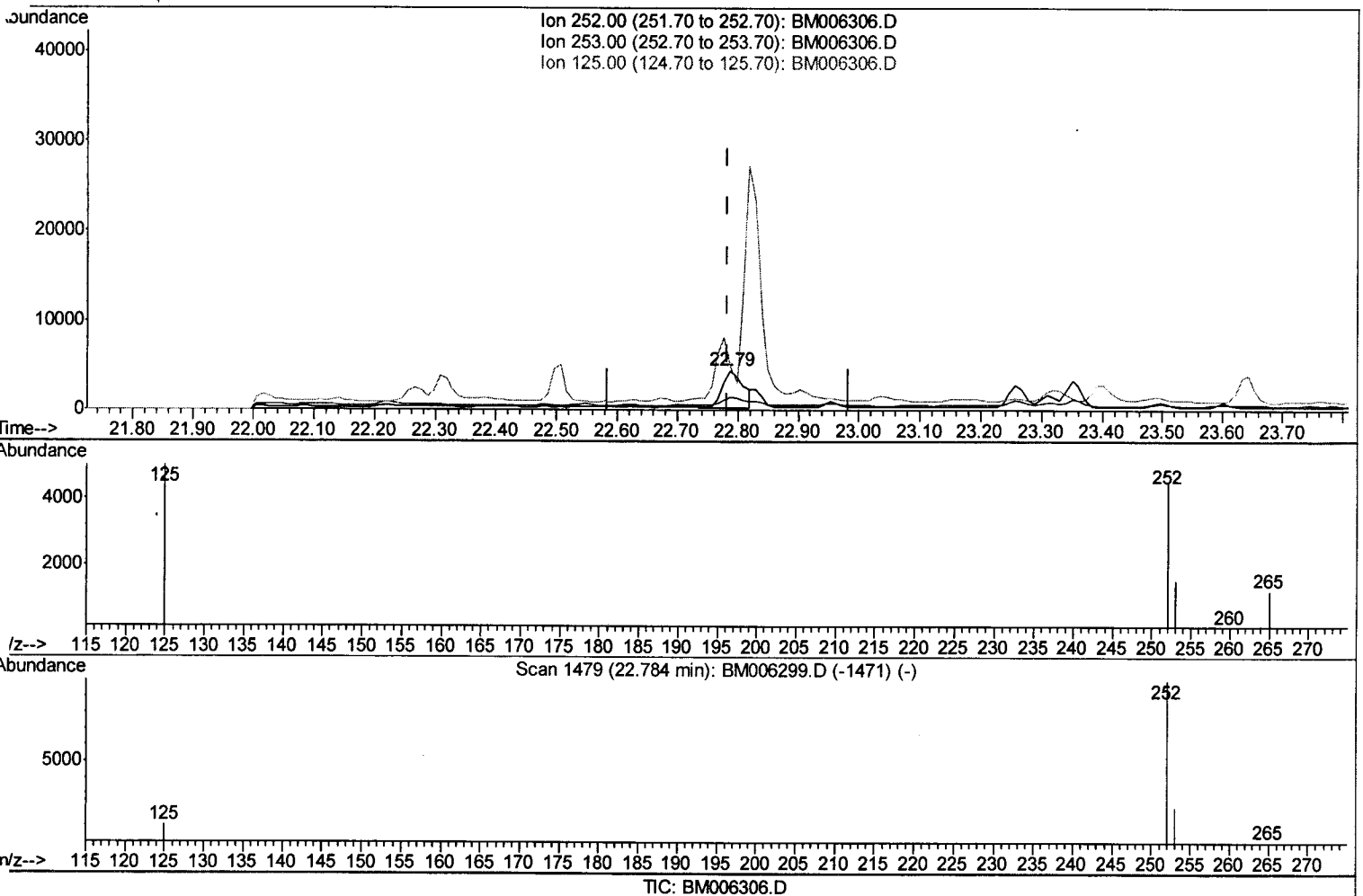
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TX0

Manual Integrati

umangi  
 7/7/2016 6:06:09 PM

Quant Time: Jul 07 13:04:19 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



(23) Benzo(b)fluoranthene

22.788min (+0.004) 0.24ng/ul m U.M

response 10030

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 22.70 | 33.70   |
| 125.00 | 14.40 | 111.43# |
| 0.00   | 0.00  | 0.00    |

## Quantitation Report (Qedit)

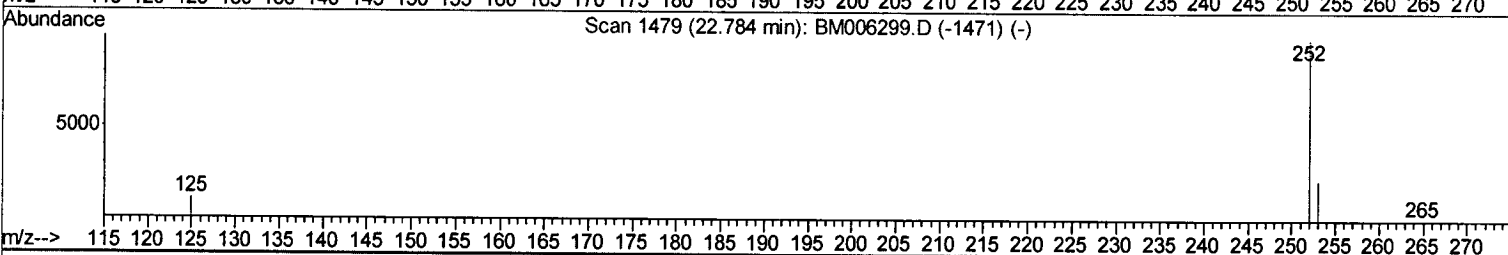
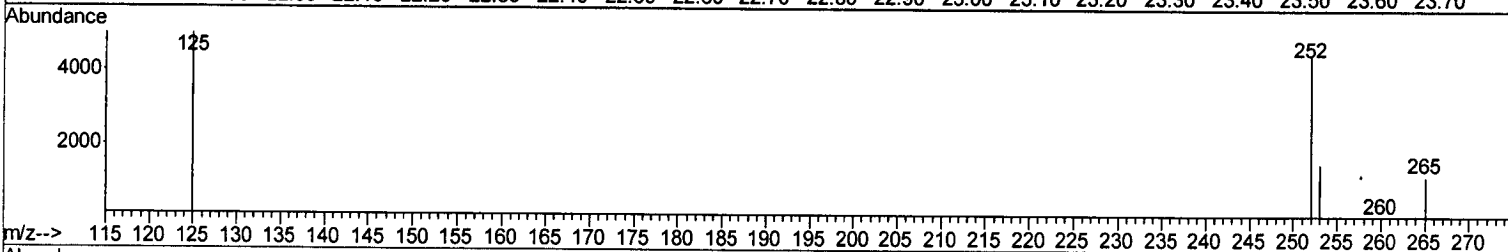
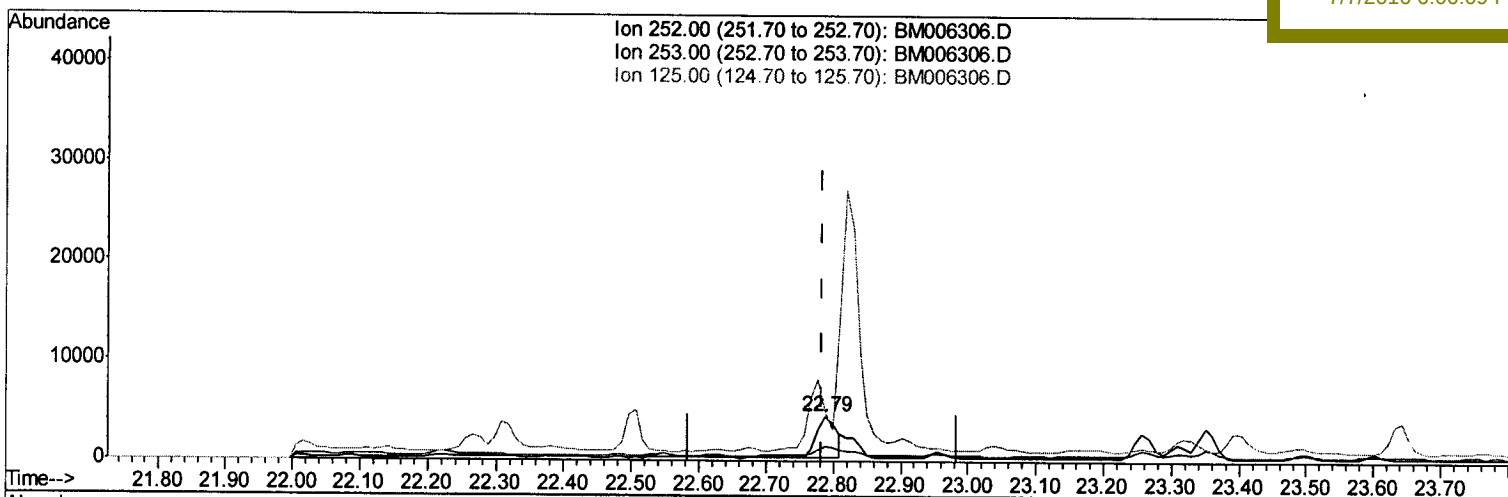
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Quant Time: Jul 07 13:04:19 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

APPROVED  
umangi  
7/7/2016 6:06:09 PM



TIC: BM006306.D

(23) Benzo(b)fluoranthene

22.788min (+0.004) 0.21ng/ul

response 8538

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 22.70 | 33.70   |
| 125.00 | 14.40 | 111.43# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

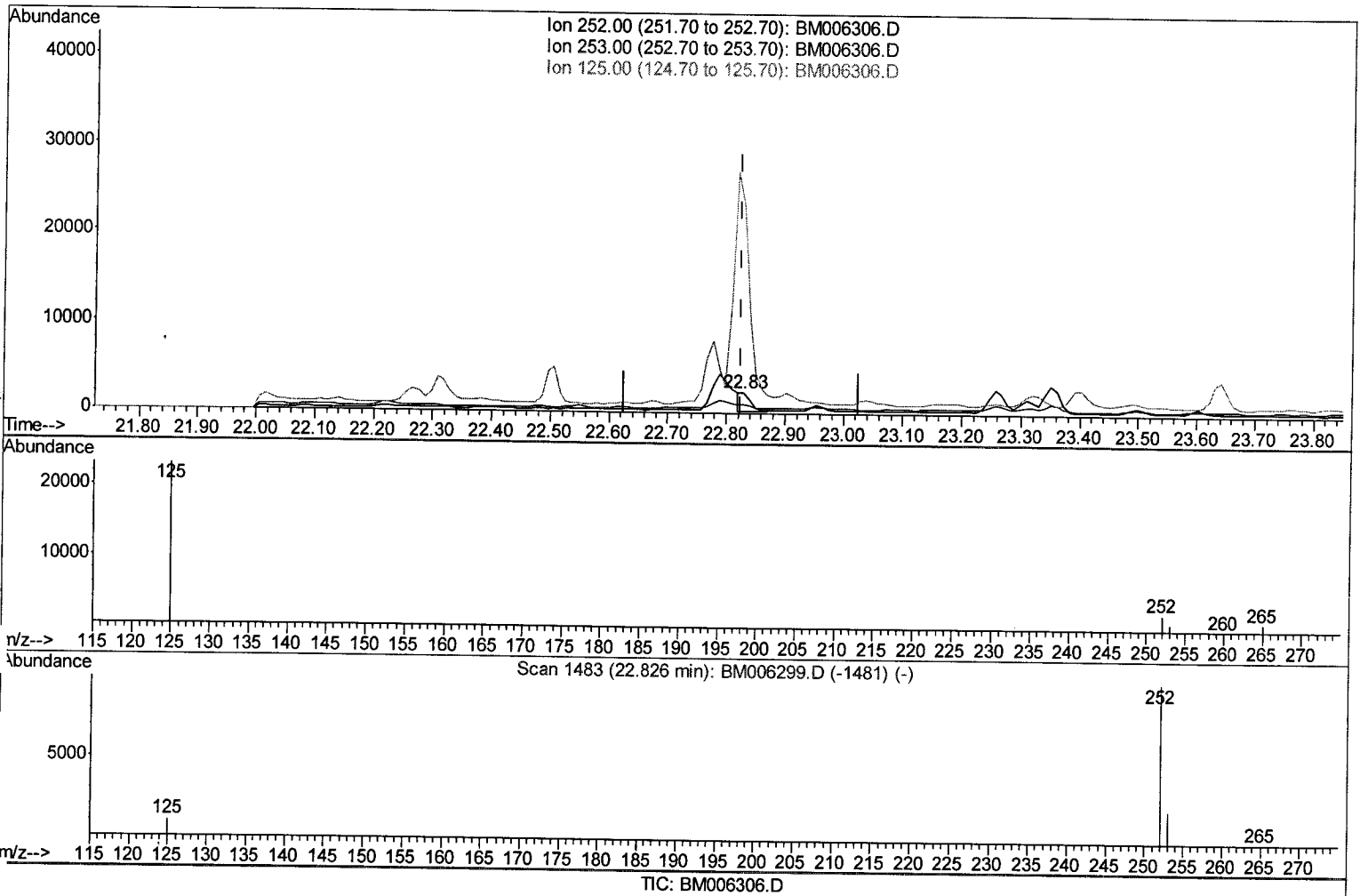
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TX0

Manual Integration

Quant Time: Jul 07 13:04:19 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

umangi  
 7/7/2016 6:06:09 PM



(24) Benzo(k)fluoranthene

22.829min (+0.004) 0.07ng/ul m UM

response 2561

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 24.80 | 43.18#  |
| 125.00 | 13.00 | 978.94# |
| 0.00   | 0.00  | 0.00    |

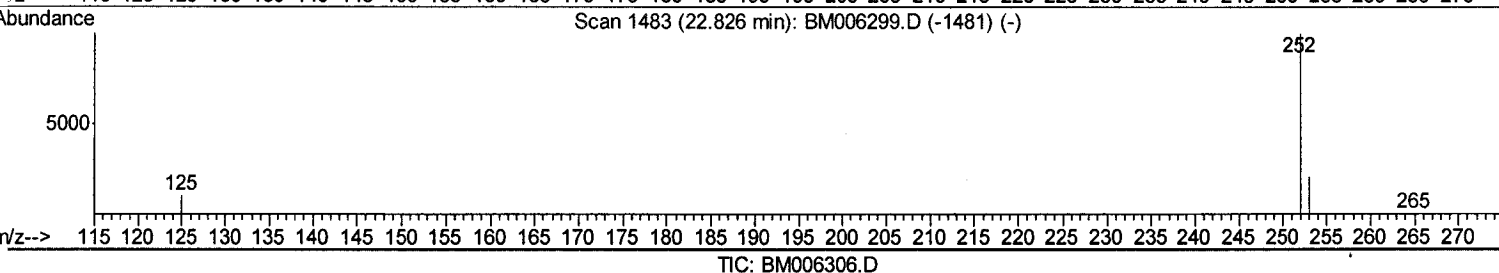
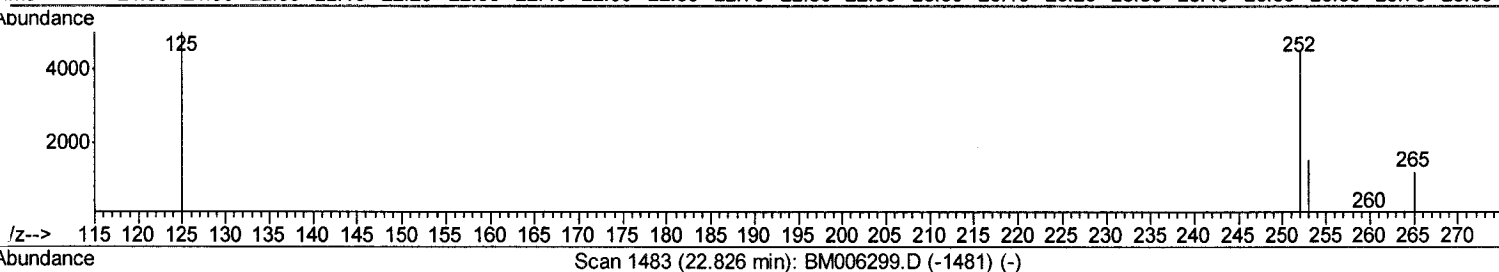
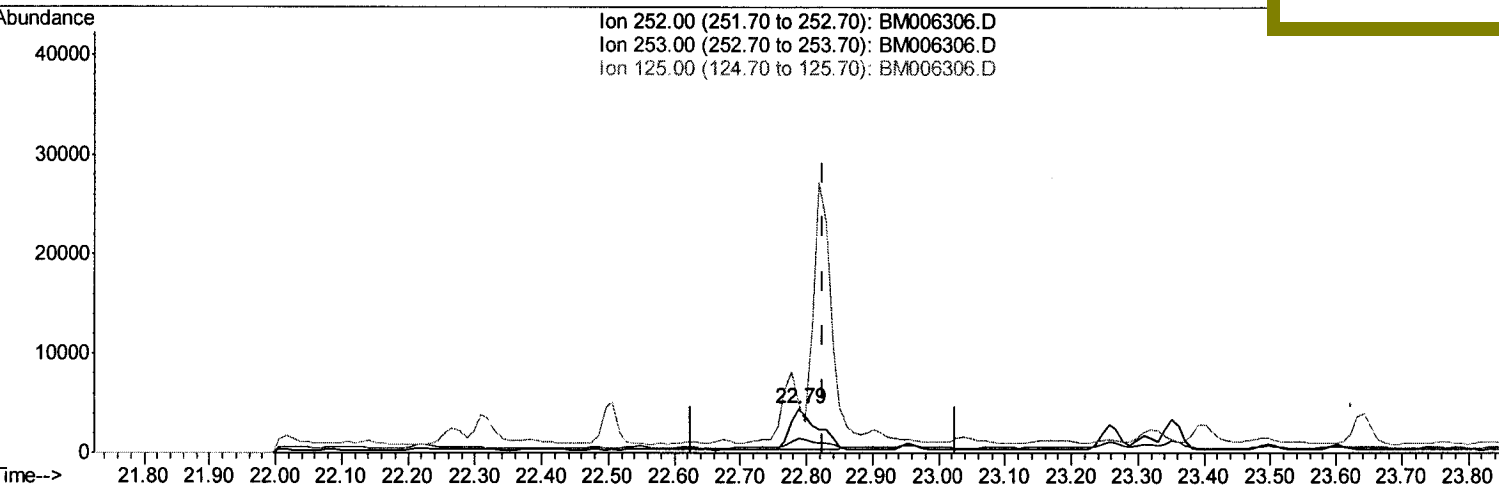
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Quant Time: Jul 07 13:04:19 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

APPROVED  
umangi  
7/7/2016 6:06:09 PM



(24) Benzo(k)fluoranthene

22.788min (-0.038) 0.31ng/ul

response 11990

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 24.80 | 33.70#  |
| 125.00 | 13.00 | 111.43# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

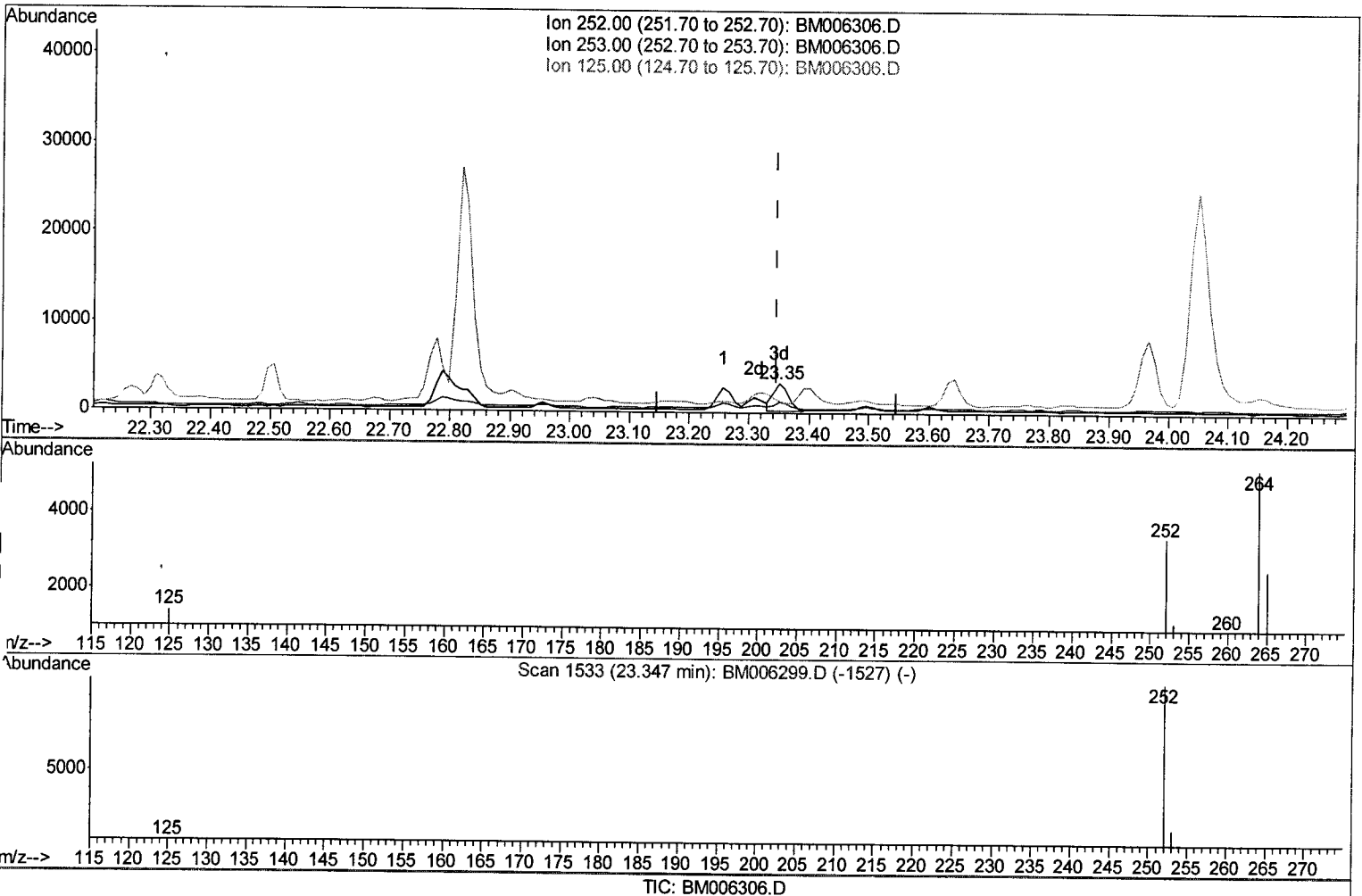
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TX0

Manual Integration

Quant Time: Jul 07 13:04:19 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  
 umangi  
 7/7/2016 6:06:09 PM



(25) Benzo(a)pyrene (C)

23.351min (+0.004) 0.14ng/ul m *U.M*  
*07/11/16*  
 response 5434

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.30 | 35.13# |
| 125.00 | 15.90 | 40.80# |
| 0.00   | 0.00  | 0.00   |

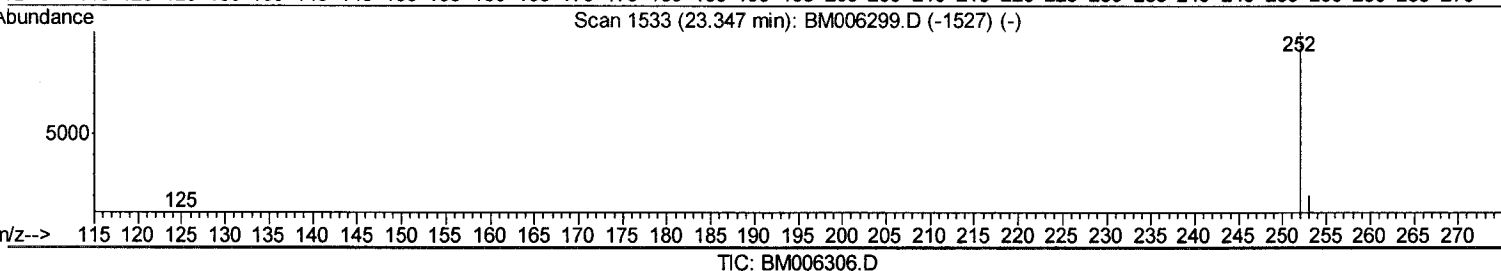
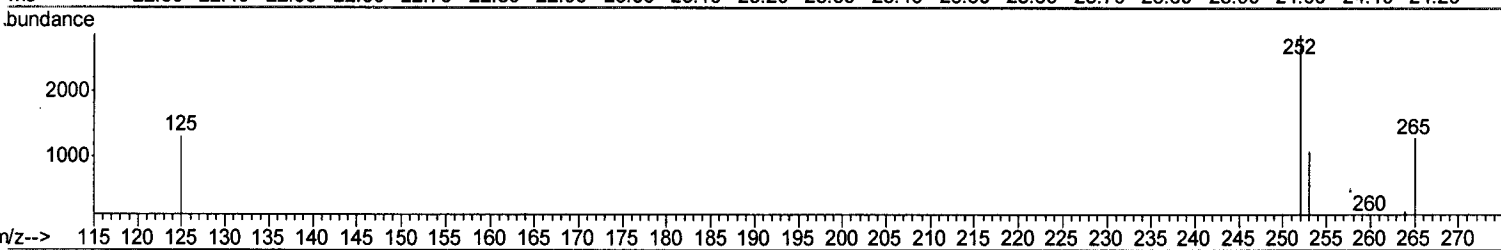
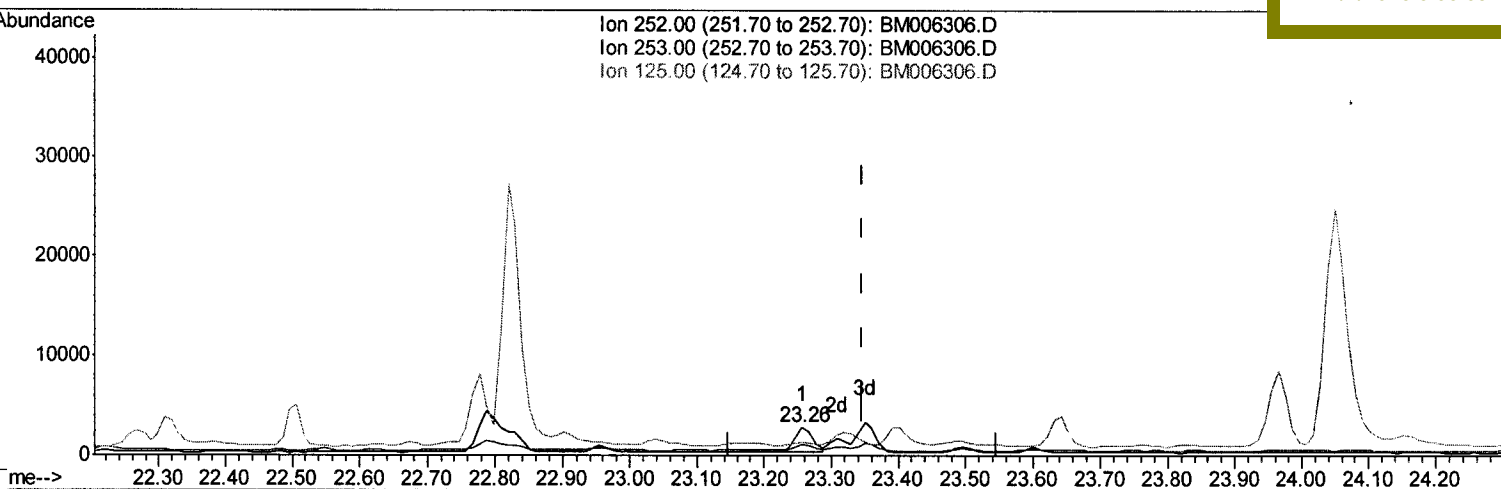
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Quant Time: Jul 07 13:04:19 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

umangi  
7/7/2016 6:06:09 PM



TIC: BM006306.D

(25) Benzo(a)pyrene (C)

23.257min (-0.090) 0.12ng/ul

response 4814

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.30 | 37.96# |
| 125.00 | 15.90 | 45.99# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

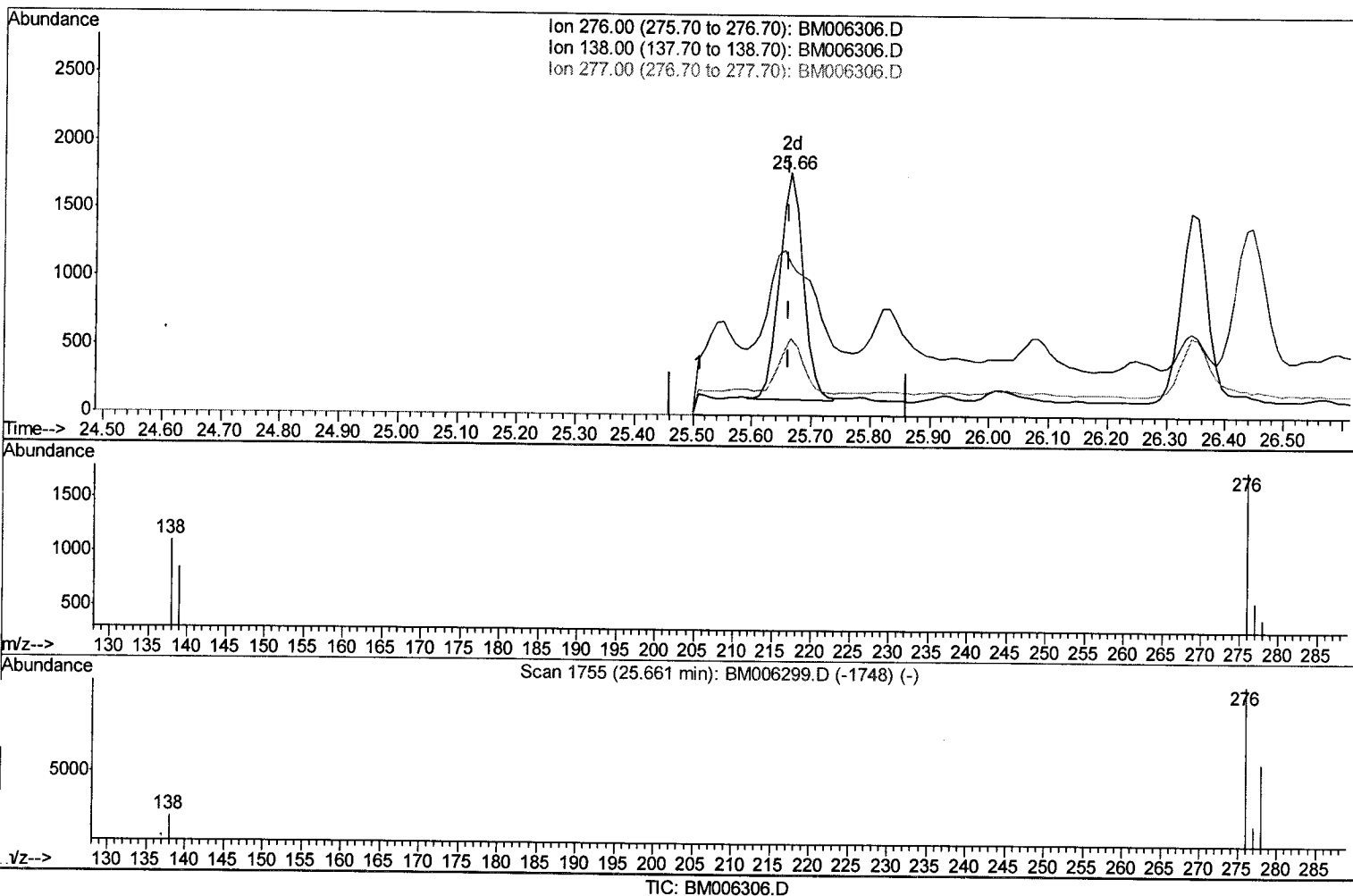
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TX0

Manual Integration

Quant Time: Jul 07 13:04:19 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  
 umangi  
 7/7/2016 6:06:09 PM



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

25.665min (+0.004) 0.11ng/ul m U.M  
 response 4656 07/11/16

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

# Quantitation Report (Qedit)

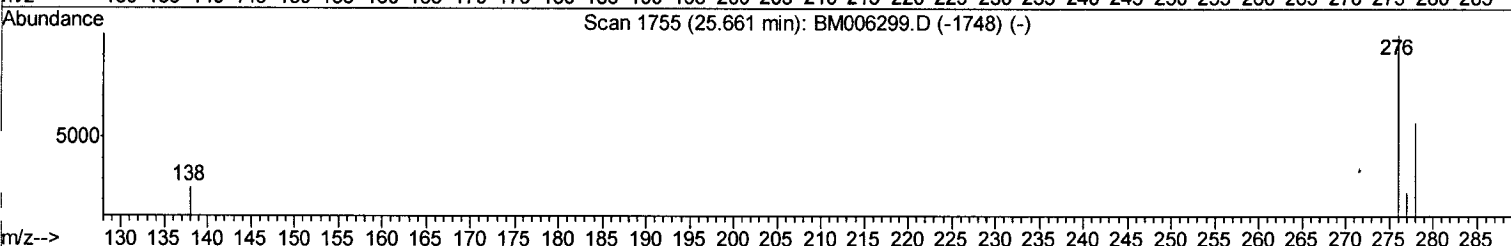
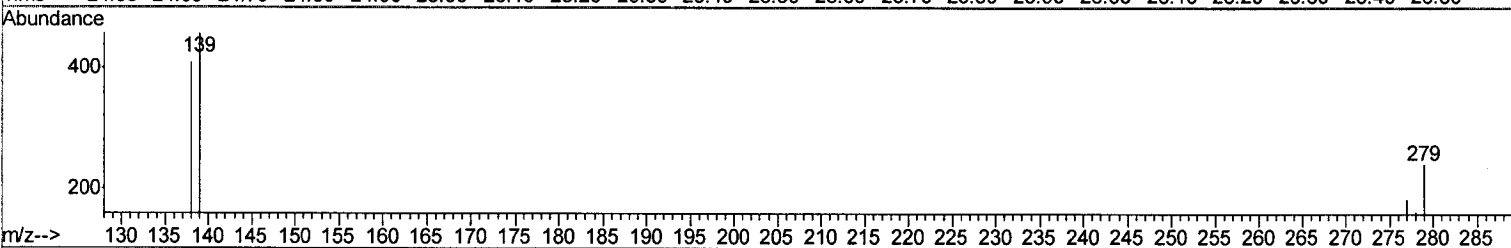
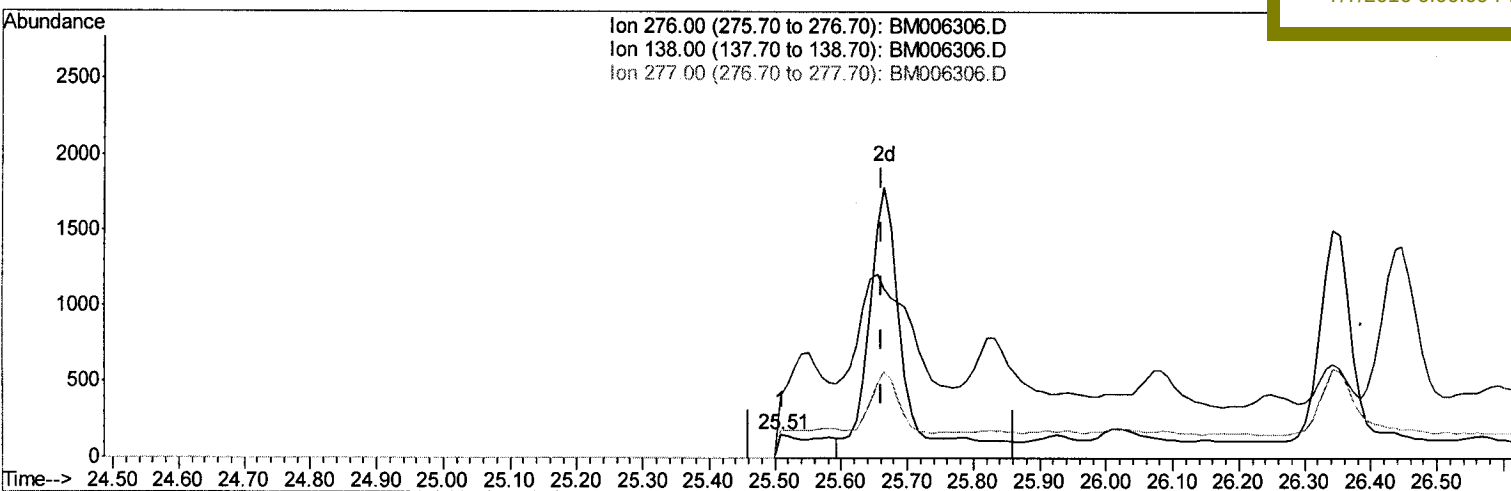
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
 Data File : BM006306.D  
 Acq On : 07 Jul 2016 05:53  
 Operator : UM/SJ  
 Sample : H3811-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TX0

Quant Time: Jul 07 13:04:19 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

APPROVED  
 umangi  
 7/7/2016 6:06:09 PM



TIC: BM006306.D

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

25.508min (-0.153) 0.02ng/ul

response 757

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

## Quantitation Report (Qedit)

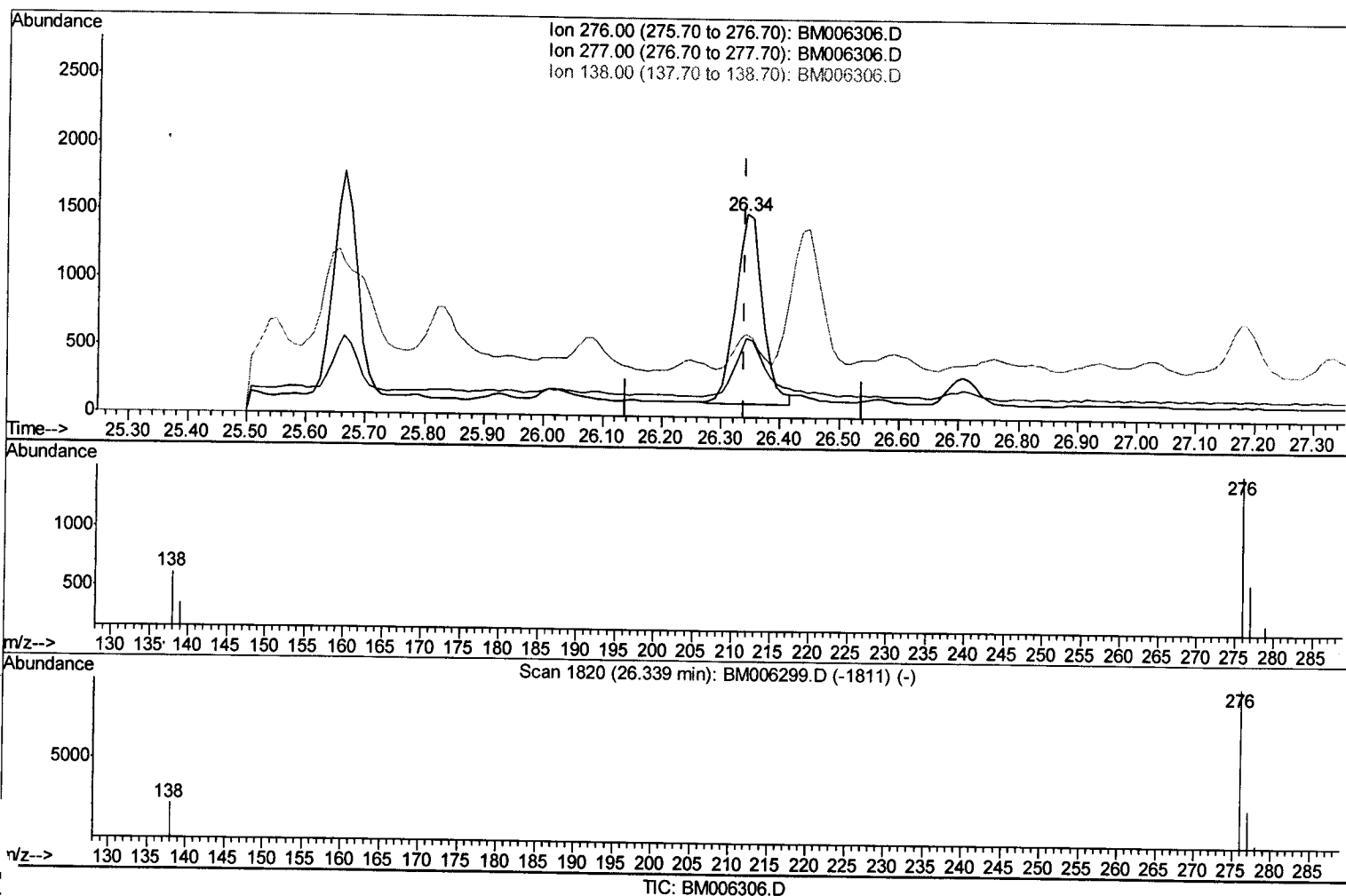
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Manual Integration

Quant Time: Jul 07 13:04:19 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  
umangi  
7/7/2016 6:06:09 PM



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

26.342min (+0.004) 0.12ng/ul m

response 4522

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 277.00 | 23.60 | 39.16# |
| 138.00 | 28.10 | 40.89# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

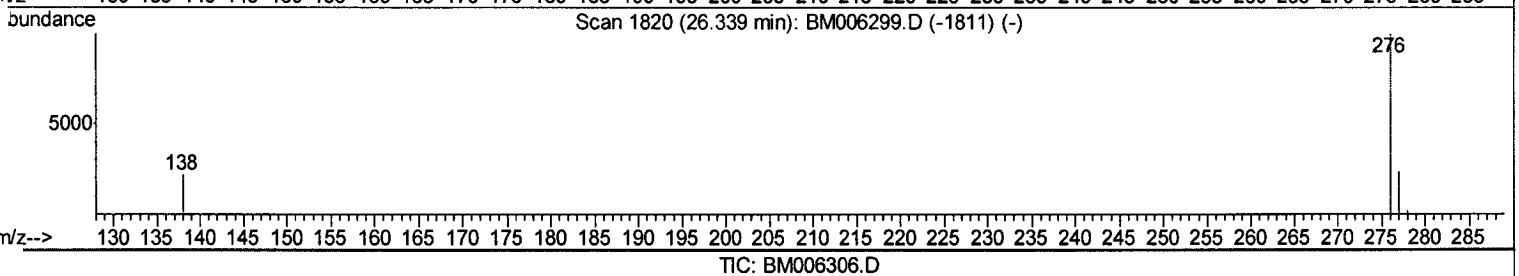
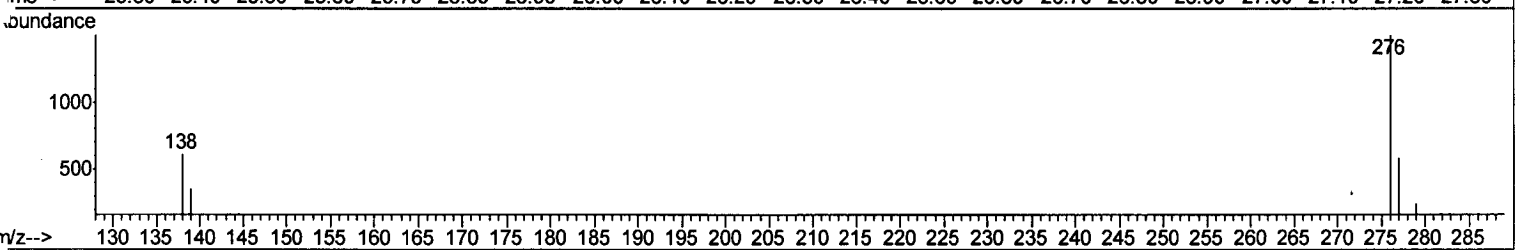
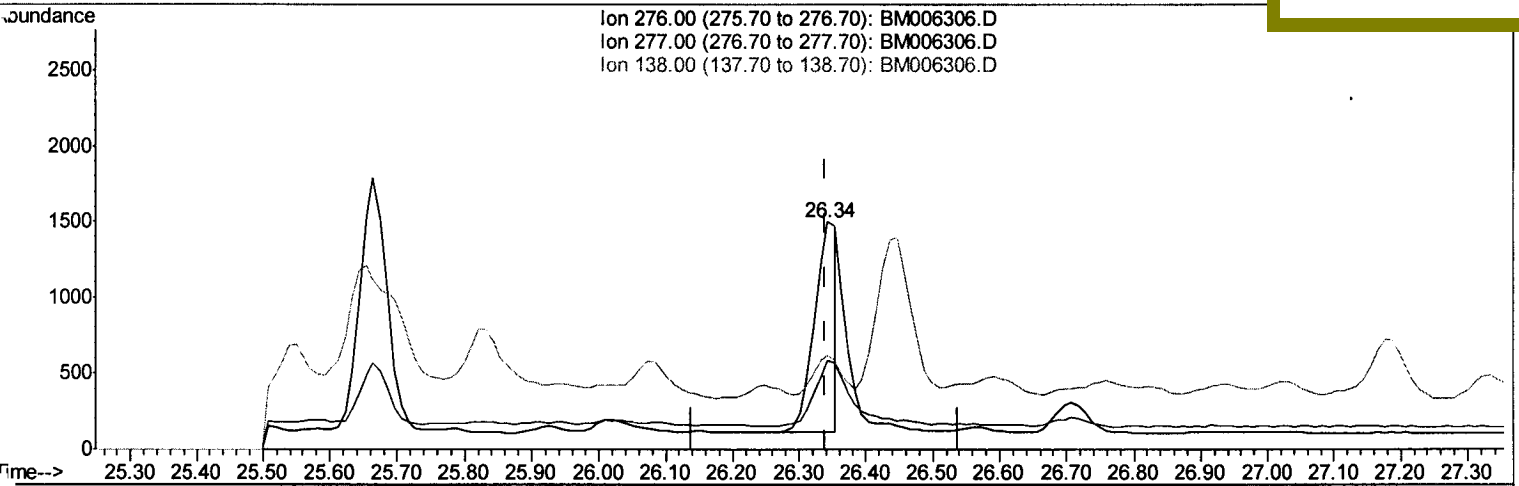
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Manual Integration

APPROVED  
umangi  
7/7/2016 6:06:09 PM

Quant Time: Jul 07 13:04:19 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) 0.09ng/ul

response 3176

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 277.00 | 23.60 | 39.16# |
| 138.00 | 28.10 | 40.89# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM070716\  
Data File : BM006306.D  
Acq On : 07 Jul 2016 05:53  
Operator : UM/SJ  
Sample : H3811-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4TX0

Manual Integration

umangi  
7/7/2016 6:06:09 PM

Quant Time: Jul 07 13:08:20 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

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 4912     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.43 | 136  | 19875    | 0.40 | ng/ul | 0.00     |
| 8) Acenaphthene-d10       | 14.30 | 164  | 11154    | 0.40 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.04 | 188  | 23166m   | 0.40 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 21.25 | 240  | 14371    | 0.40 | ng/ul | 0.00     |
| 22) Perylene-d12          | 23.45 | 264  | 11624m   | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |       |      |       |      |
|----------------------------|-------|-----|-------|------|-------|------|
| 2) 1,4-Dioxane-d8          | 3.17  | 96  | 8897  | 4.29 | ng/uL | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.02 | 152 | 7252  | 0.31 | ng/ul | 0.00 |
| 16) Fluoranthene-d10       | 19.08 | 212 | 14383 | 0.29 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |      |        | Qvalue |
|----------------------------|-------|-----|--------|------|--------|--------|
| 9) Acenaphthylene          | 14.01 | 152 | 1643   | 0.04 | ng/ul# | 36     |
| 14) Phenanthrene           | 17.07 | 178 | 9526m  | 0.15 | ng/ul  |        |
| 15) Anthracene             | 17.16 | 178 | 1473   | 0.02 | ng/ul# | 31     |
| 17) Fluoranthene           | 19.10 | 202 | 20601  | 0.29 | ng/ul  | 94     |
| 19) Pyrene                 | 19.48 | 202 | 19386  | 0.32 | ng/ul# | 92     |
| 20) Benzo(a)anthracene     | 21.22 | 228 | 5455   | 0.12 | ng/ul# | 81     |
| 21) Chrysene               | 21.28 | 228 | 7496   | 0.16 | ng/ul  | 92     |
| 23) Benzo(b)fluoranthene   | 22.79 | 252 | 10030m | 0.24 | ng/ul  |        |
| 24) Benzo(k)fluoranthene   | 22.83 | 252 | 2561m  | 0.07 | ng/ul  |        |
| 25) Benzo(a)pyrene         | 23.35 | 252 | 5434m  | 0.14 | ng/ul  |        |
| 26) Indeno(1,2,3-cd)pyrene | 25.66 | 276 | 4656m  | 0.11 | ng/ul  |        |
| 28) Benzo(g,h,i)perylene   | 26.34 | 276 | 4522m  | 0.12 | ng/ul  |        |

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