

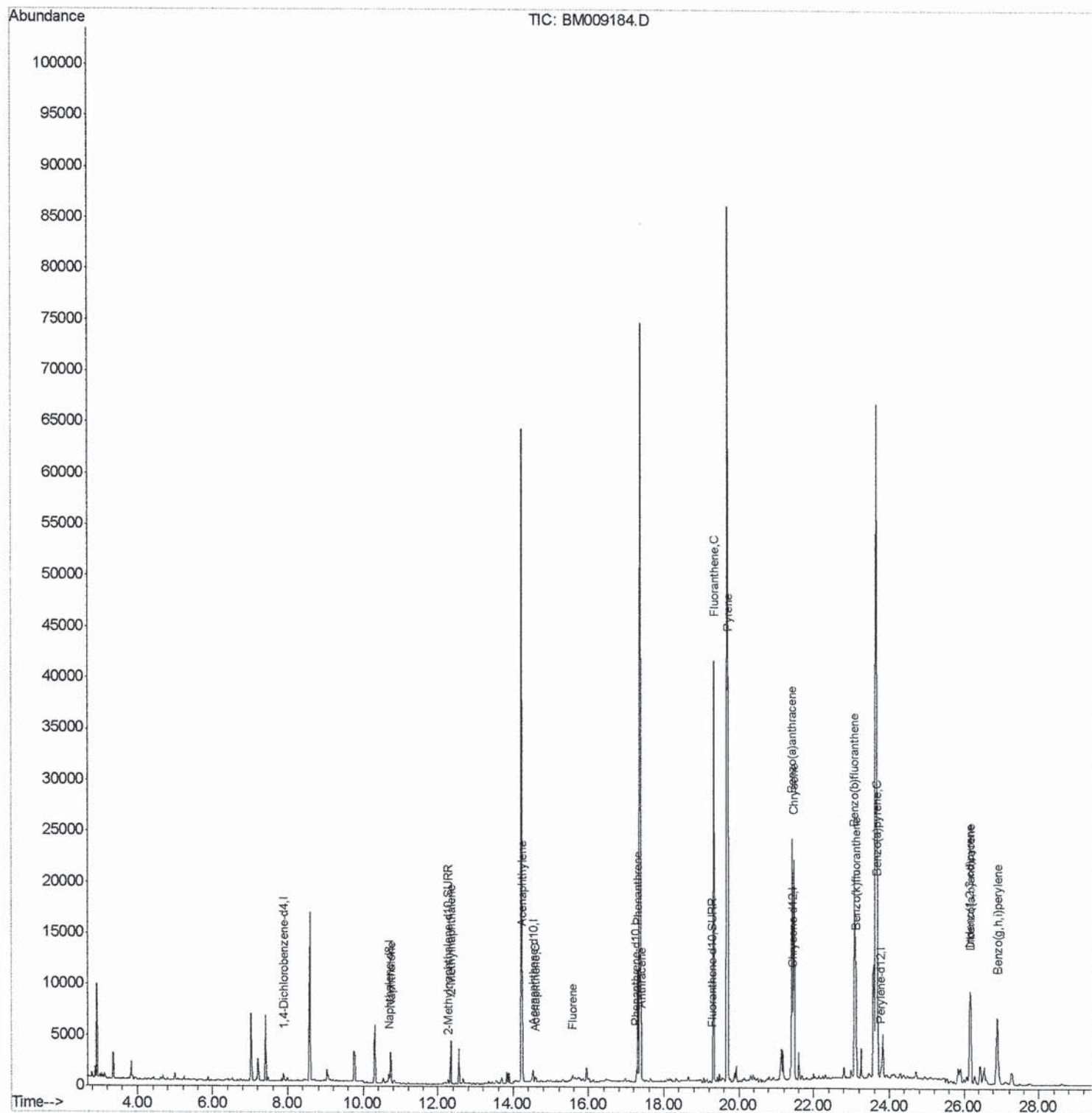
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
APPROVED

mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:22:16 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



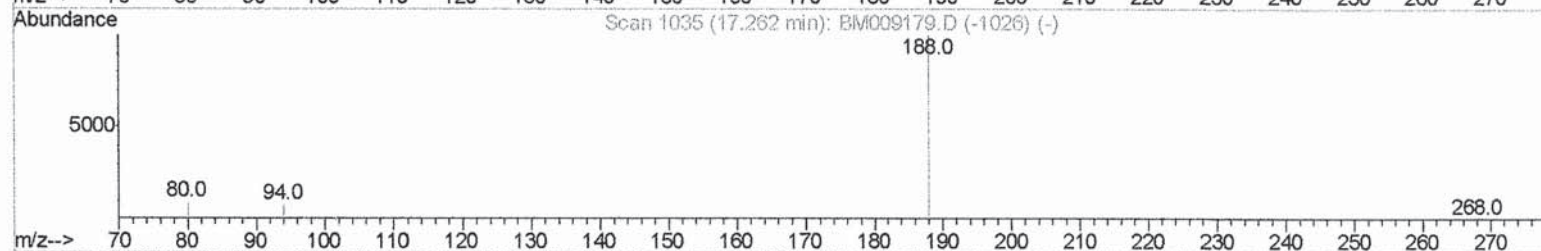
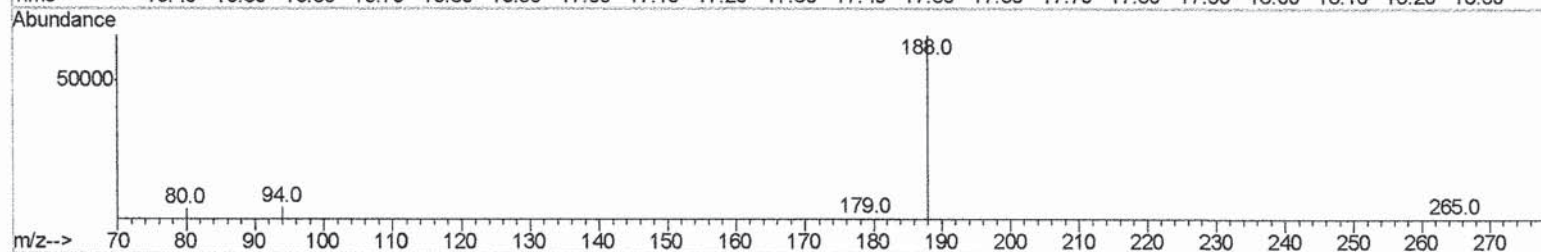
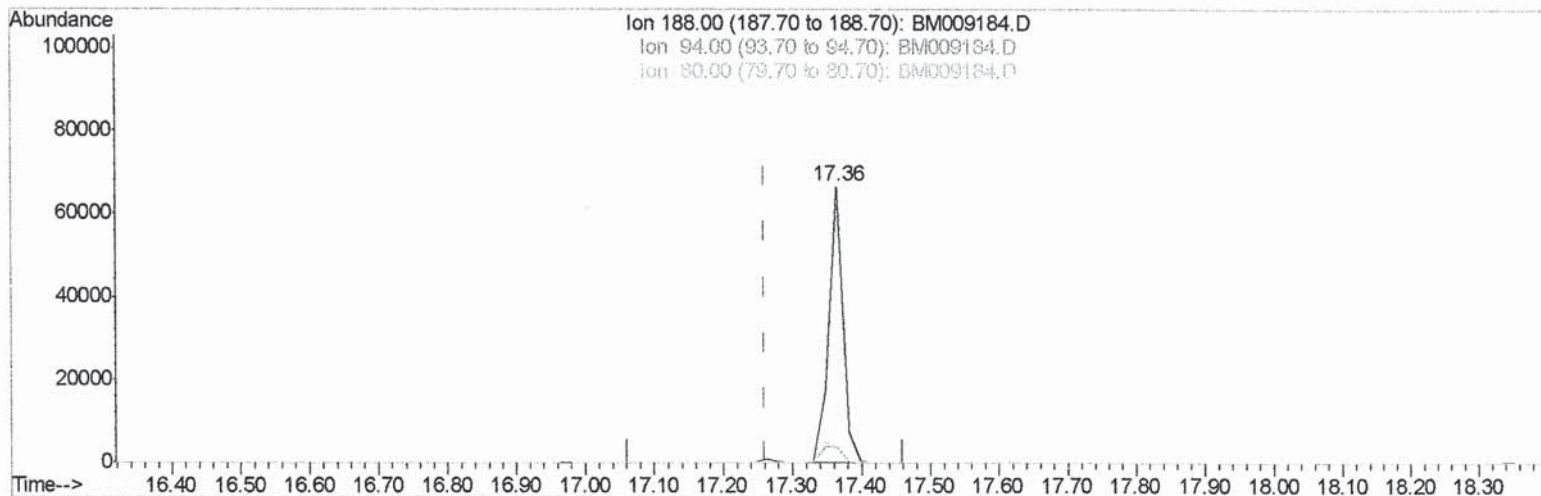
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
APPROVED

mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 00:55:11 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(10) Phenanthrene-d10 (I)

17.365min (+0.103) 0.40ng/ul

response 93900

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 5.94# |
| 80.00  | 11.80 | 5.50# |
| 0.00   | 0.00  | 0.00  |

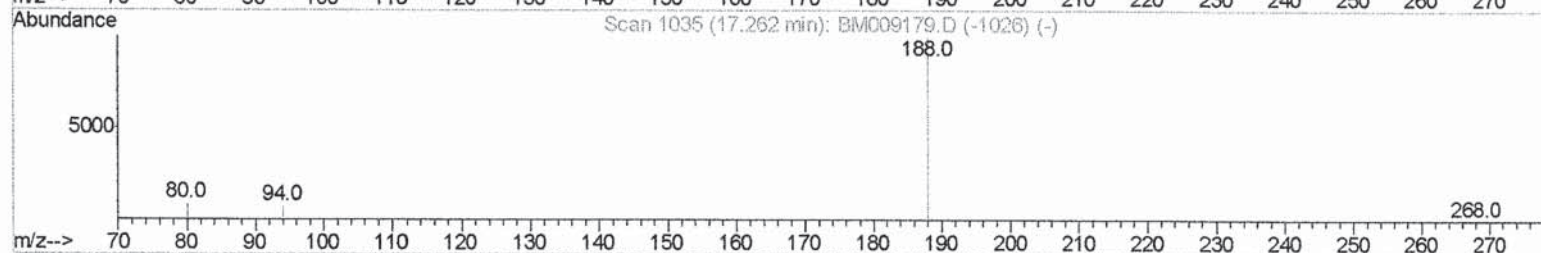
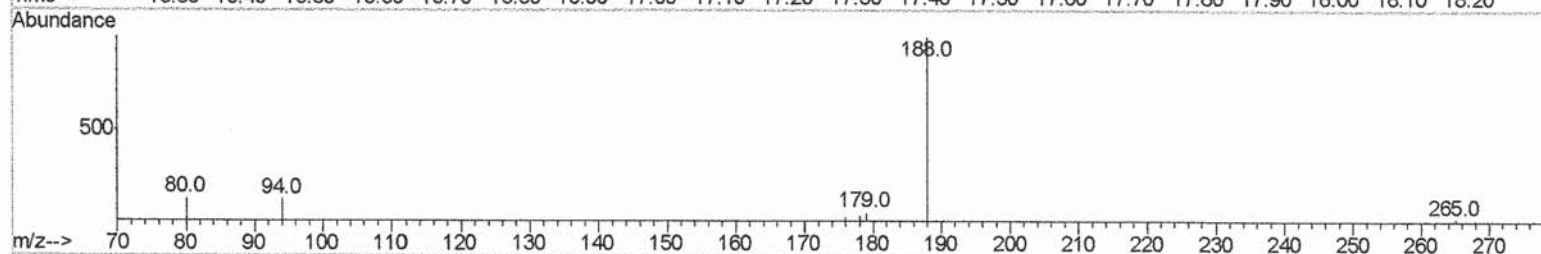
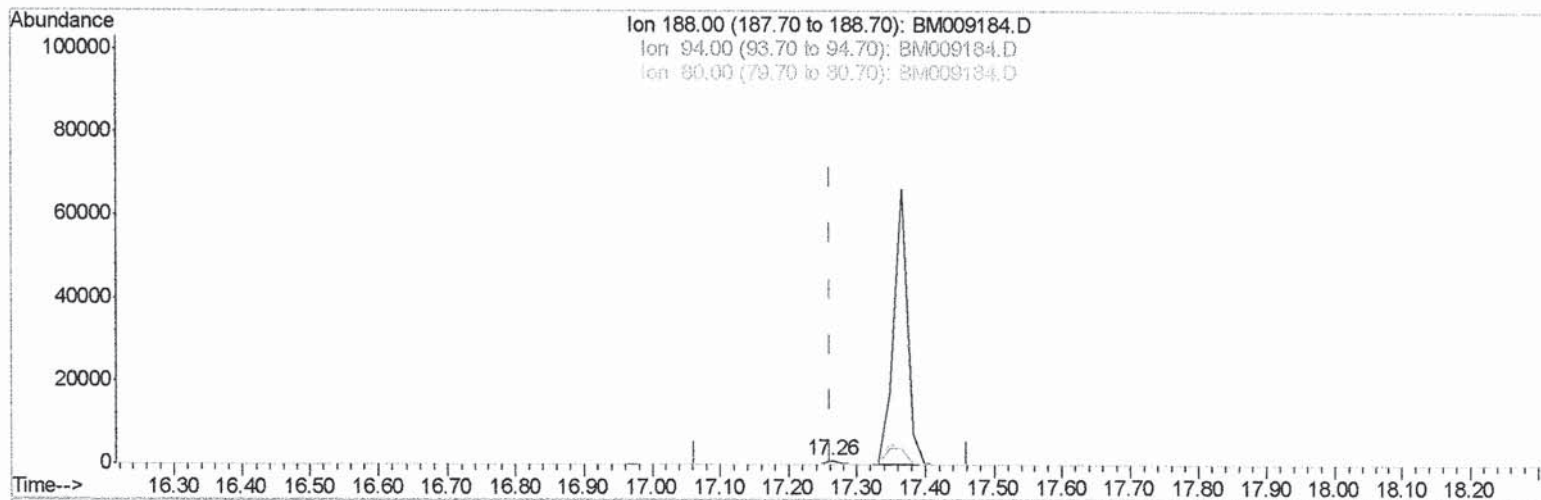
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
APPROVED

mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 00:55:11 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(10) Phenanthrene-d10 (I)

17.262min (-0.000) 0.40ng/ul m

response 1439

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 15.81# |
| 80.00  | 11.80 | 16.12# |
| 0.00   | 0.00  | 0.00   |

SJ  
03/13/17

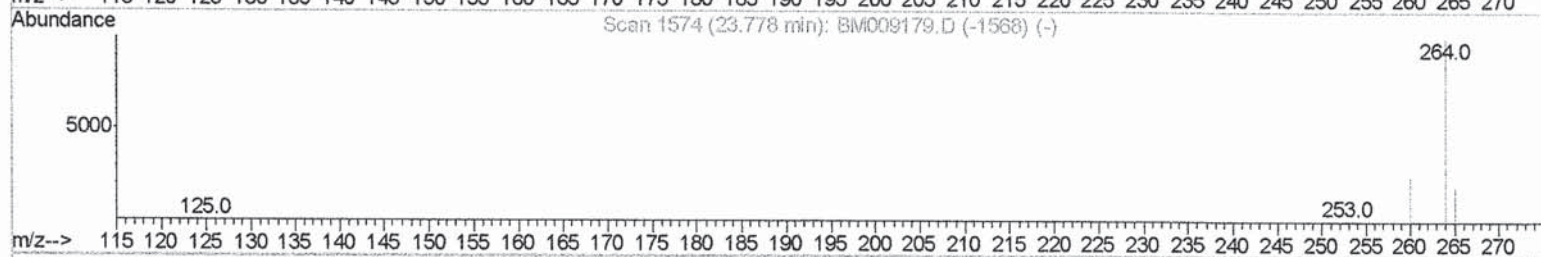
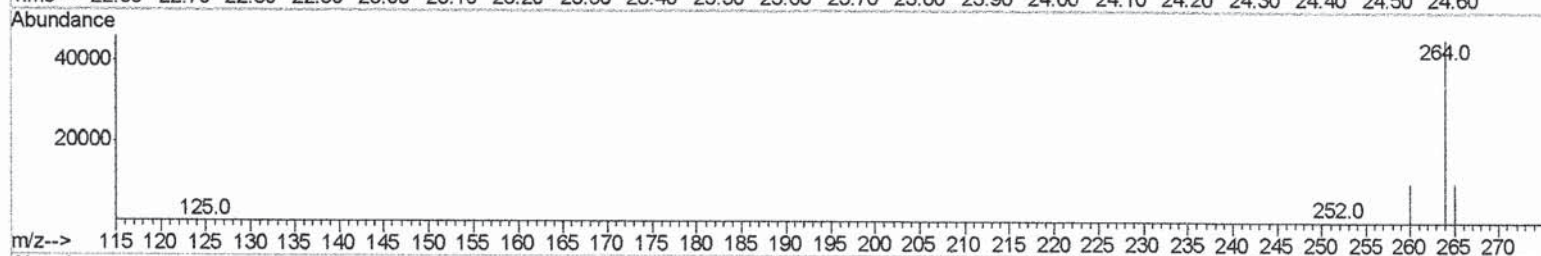
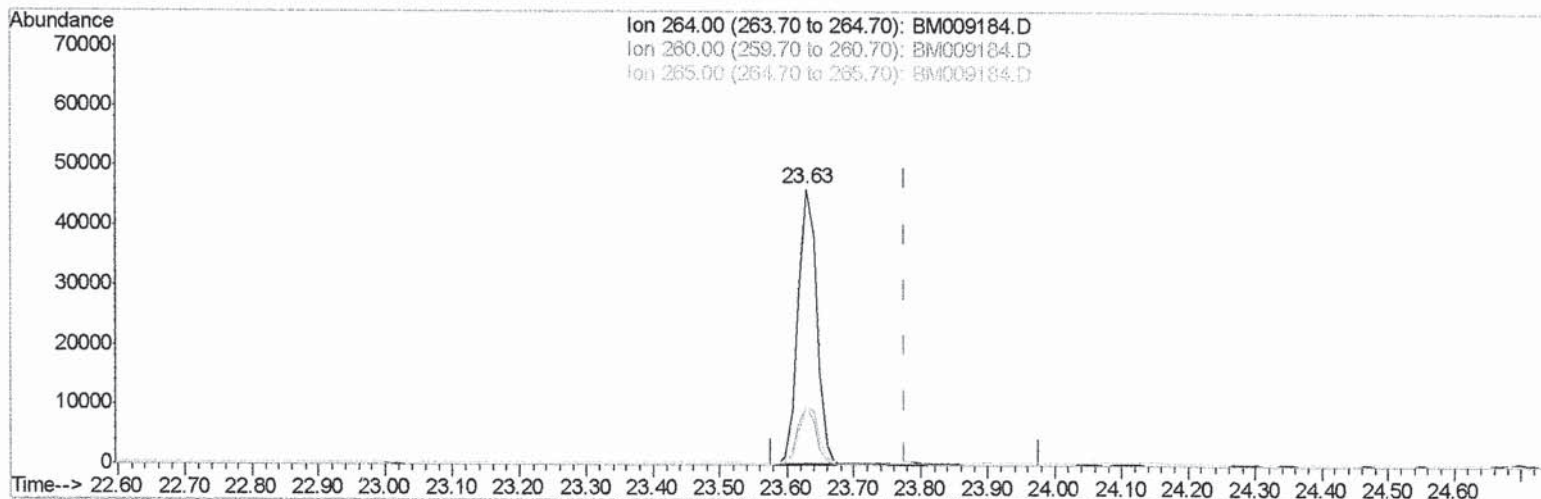
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
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mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 00:55:11 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(20) Perylene-d12 (I)

23.628min (-0.150) 0.40ng/ul

response 88012

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.49# |
| 265.00 | 103.50 | 21.43# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

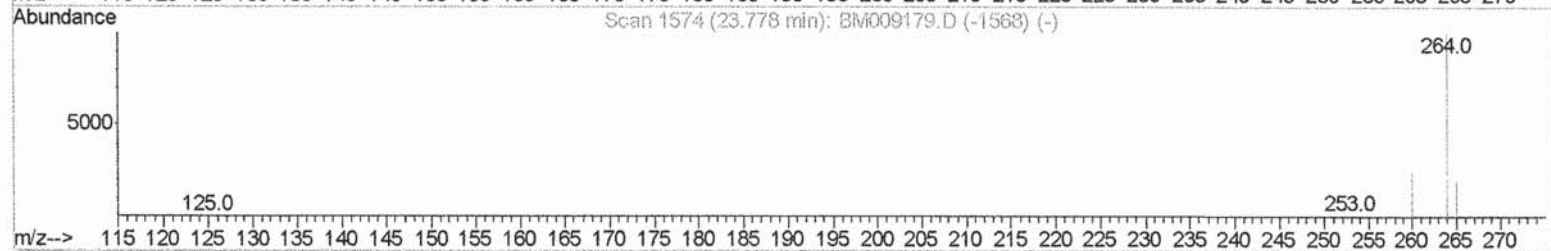
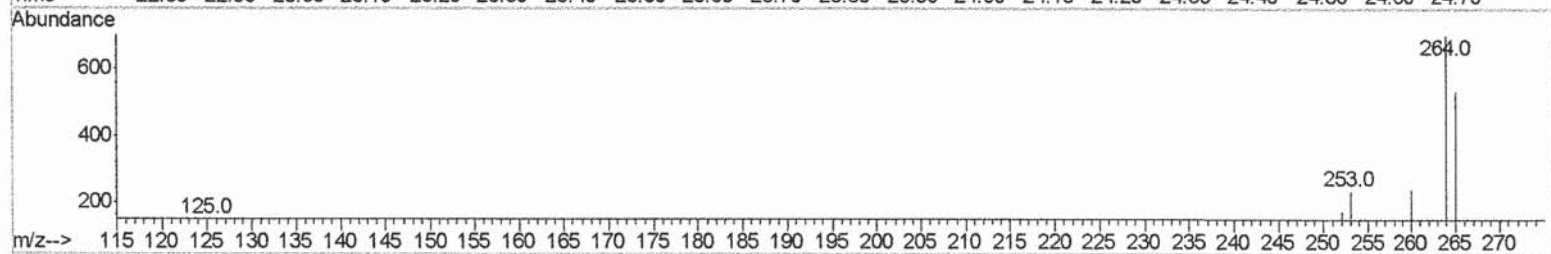
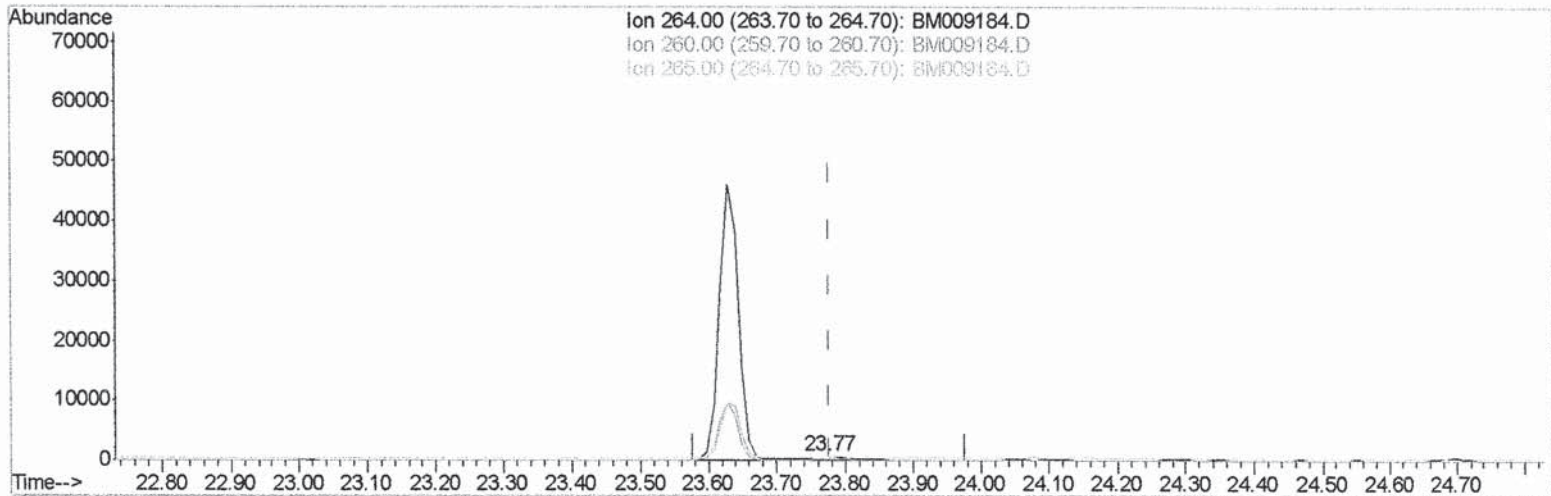
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
 APPROVED

mohammad  
 3/13/2017 2:14:13 PM

Quant Time: Mar 11 00:55:11 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



TIC: BM009184.D

(20) Perylene-d12 (I)

23.774min (-0.004) 0.40ng/ul m > *SJ*  
*03/13/17*

response 1398

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 34.52  |
| 265.00 | 103.50 | 75.99# |
| 0.00   | 0.00   | 0.00   |

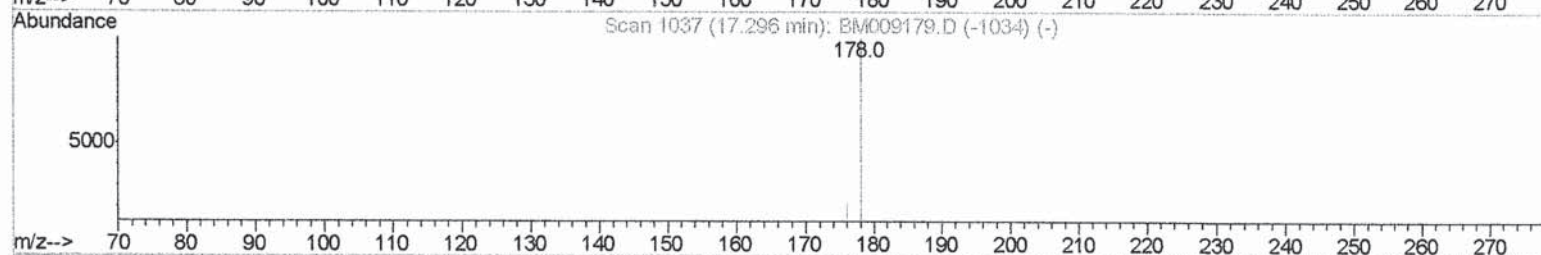
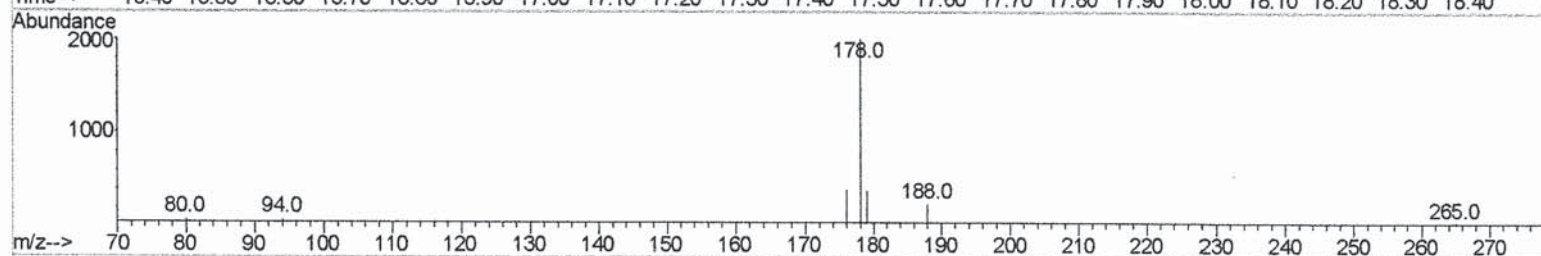
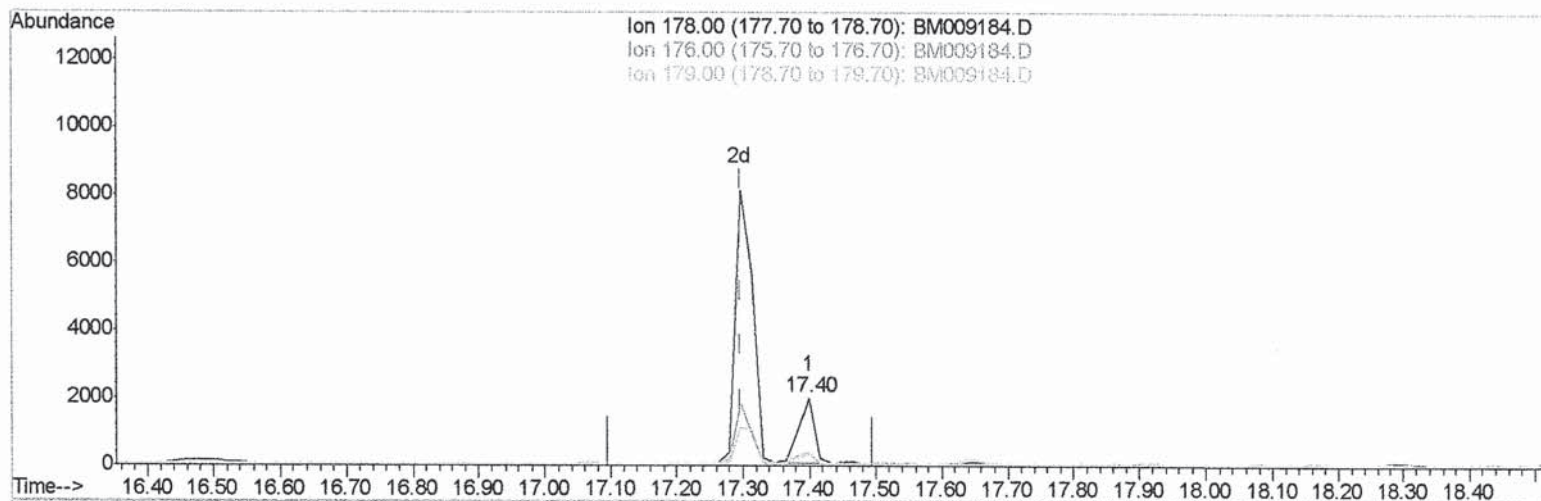
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
APPROVED

mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(12) Phenanthrene

17.399min (+0.103) 0.71ng/ul

response 3226

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 176.00 | 23.00 | 19.45 |
| 179.00 | 17.00 | 19.35 |
| 0.00   | 0.00  | 0.00  |

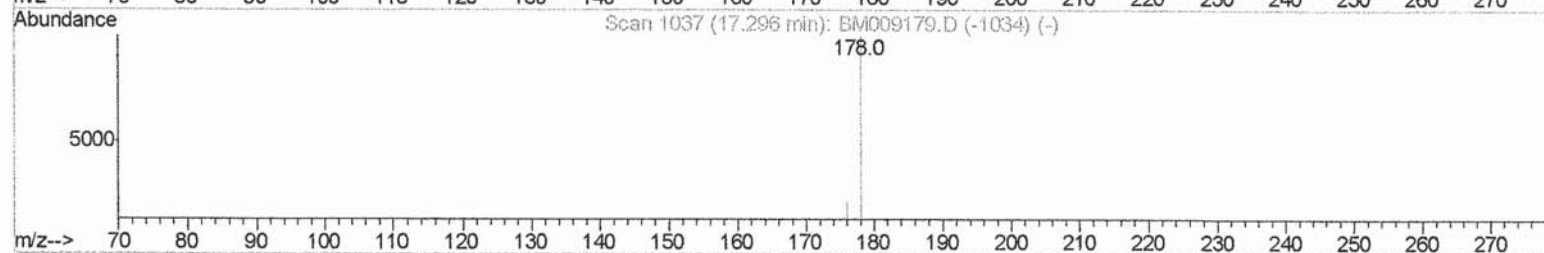
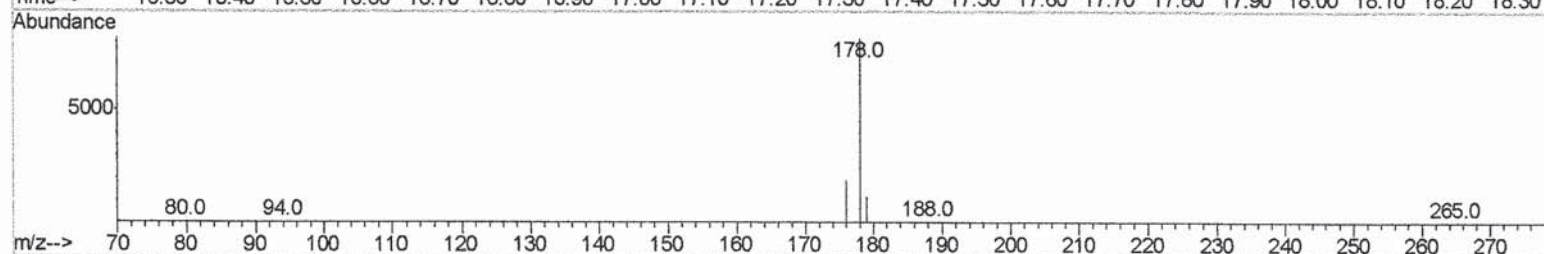
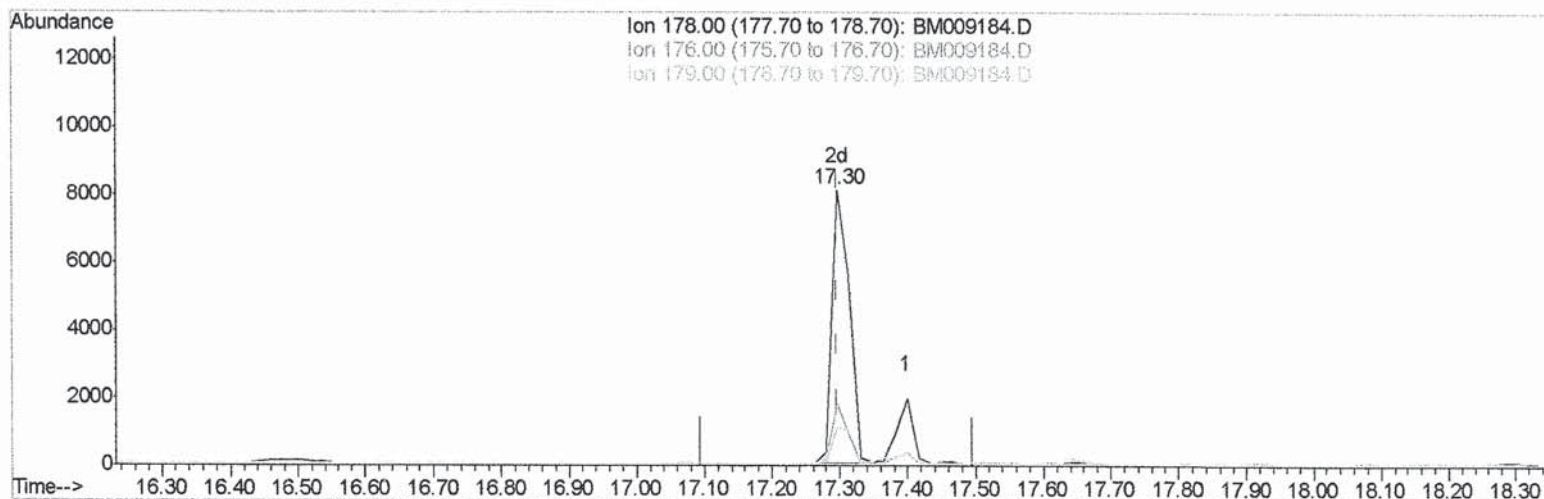
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
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mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(12) Phenanthrene

17.296min (-0.000) 3.25ng/ul m

response 14696

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 176.00 | 23.00 | 22.75 |
| 179.00 | 17.00 | 14.24 |
| 0.00   | 0.00  | 0.00  |

SJ  
03/13/17

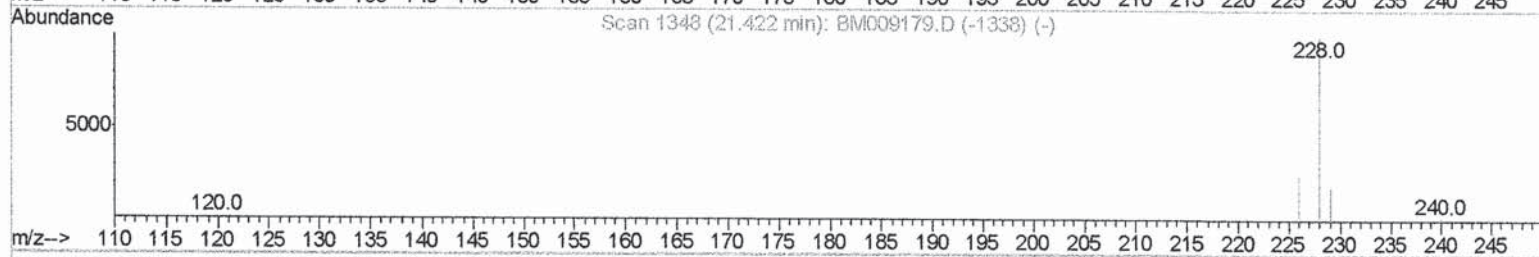
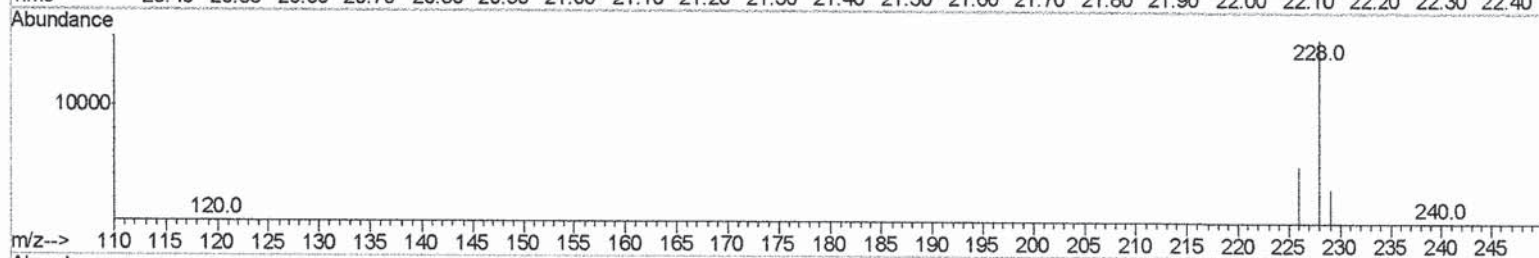
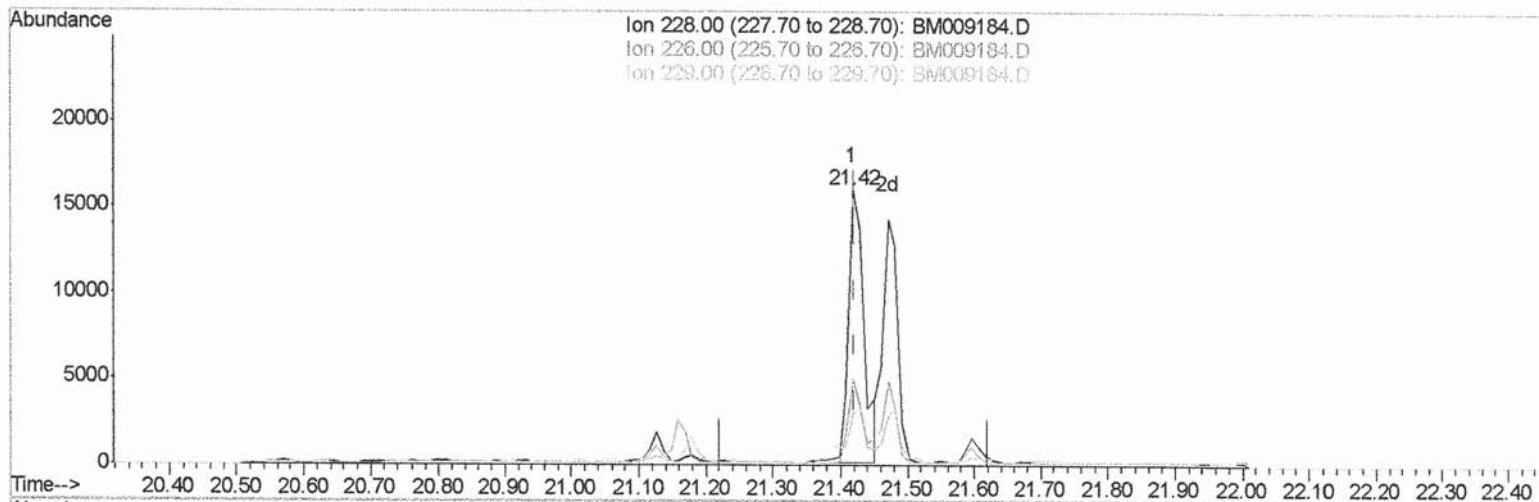
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
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3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(18) Benzo(a)anthracene

21.419min (-0.004) 5.39ng/ul

response 25631

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 28.50 | 31.60 |
| 229.00 | 21.30 | 19.16 |
| 0.00   | 0.00  | 0.00  |

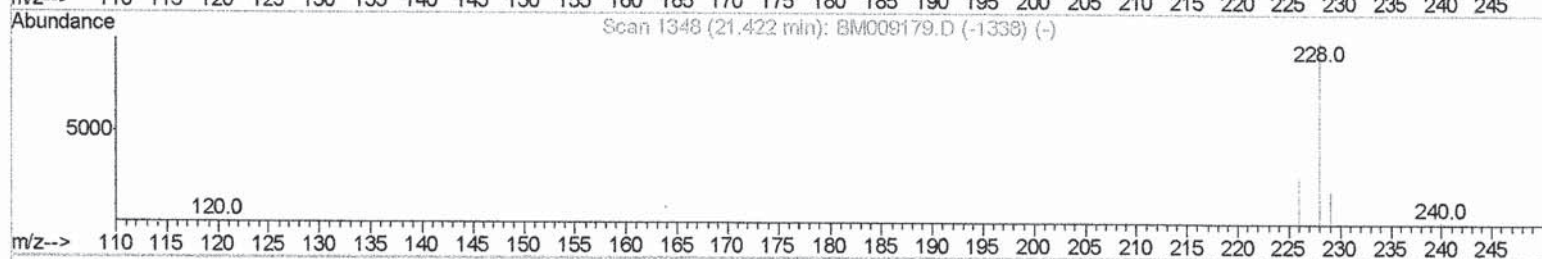
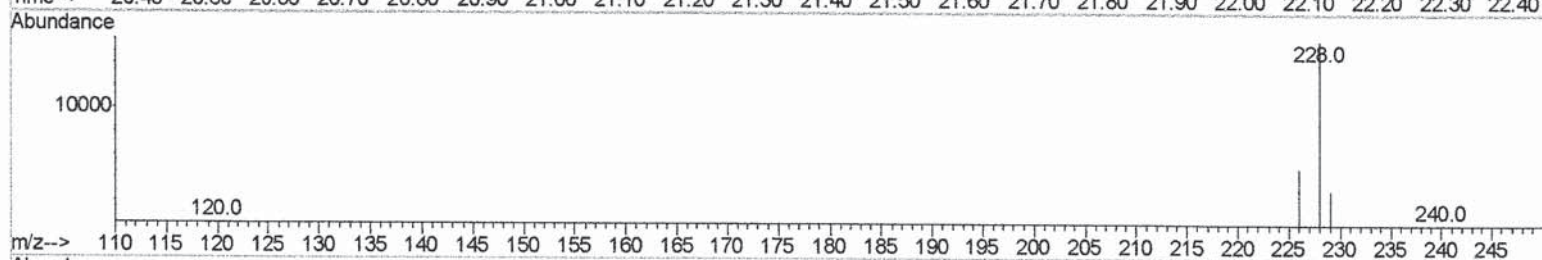
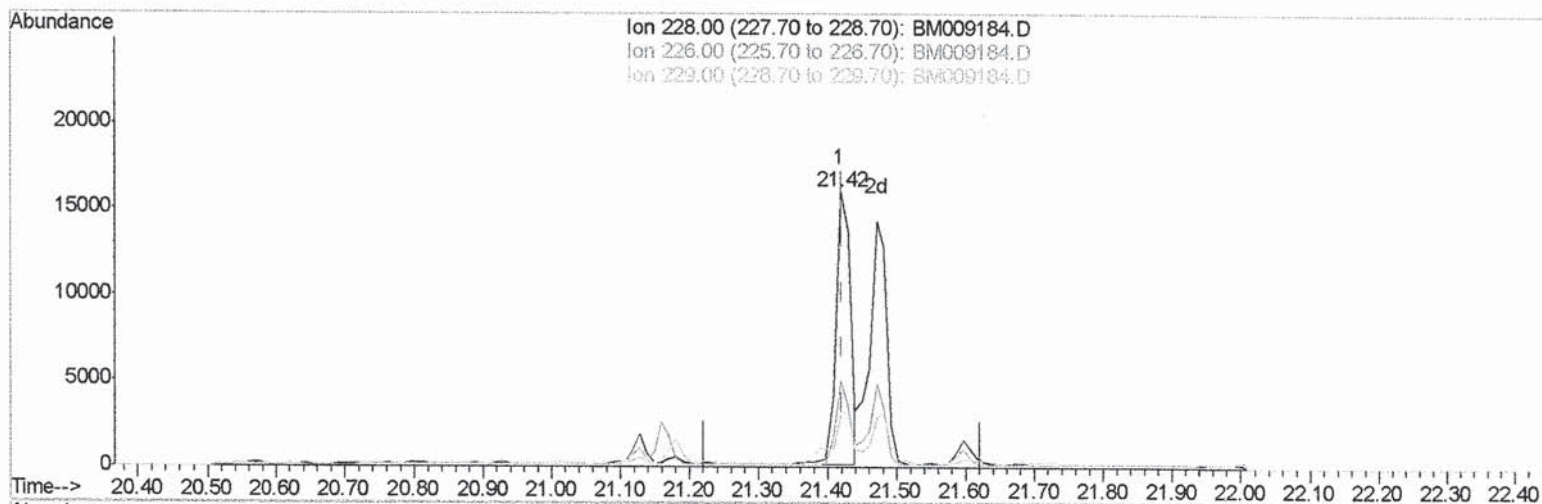
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
APPROVED

mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(18) Benzo(a)anthracene

21.419min (-0.004) 4.90ng/ul m

response 23330

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 28.50 | 31.60 |
| 229.00 | 21.30 | 19.16 |
| 0.00   | 0.00  | 0.00  |

SJ  
03/13/17

## Quantitation Report (Qedit)

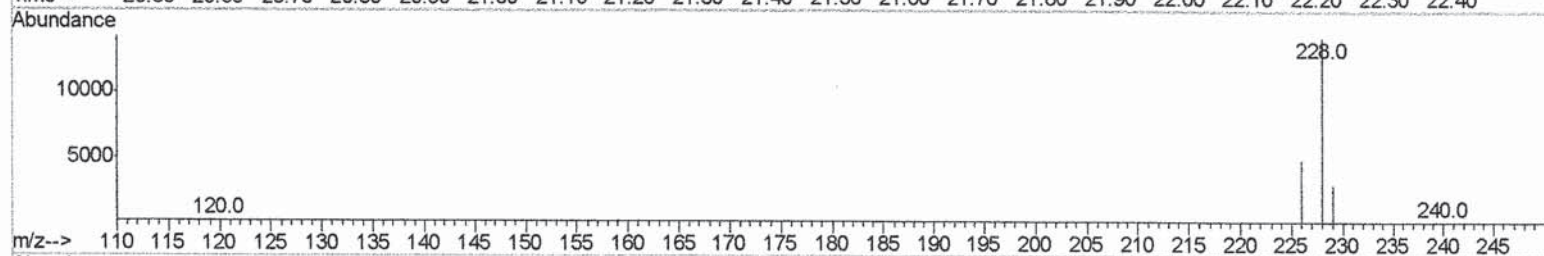
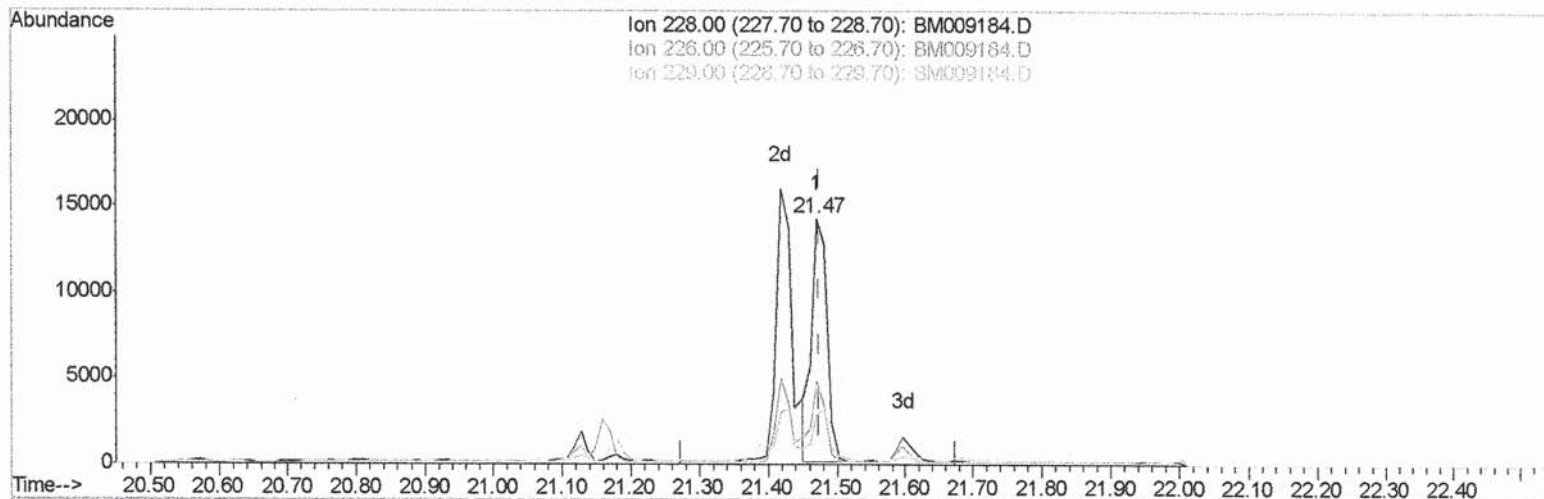
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
APPROVED

mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(19) Chrysene

21.471min (-0.004) 4.81ng/ul

response 21731

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.20 | 33.88 |
| 229.00 | 22.10 | 20.48 |
| 0.00   | 0.00  | 0.00  |

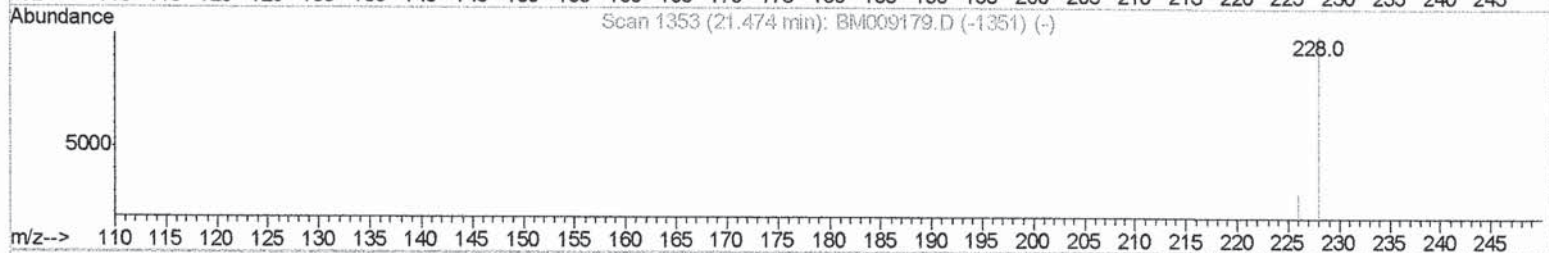
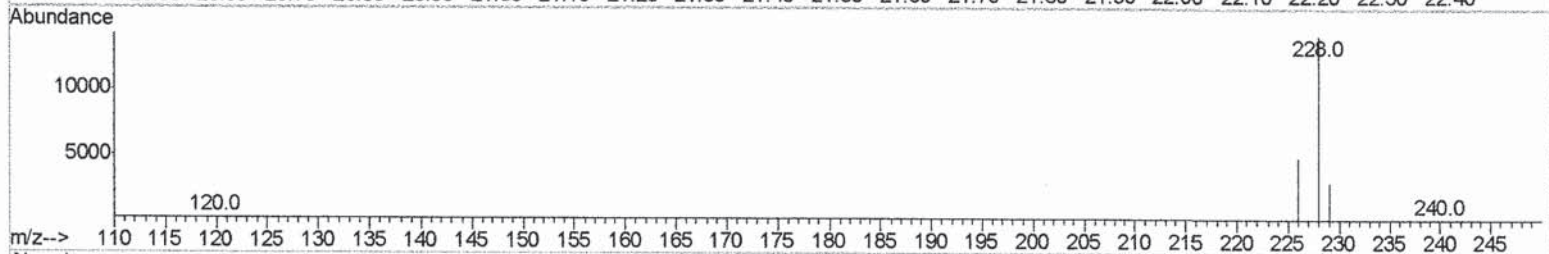
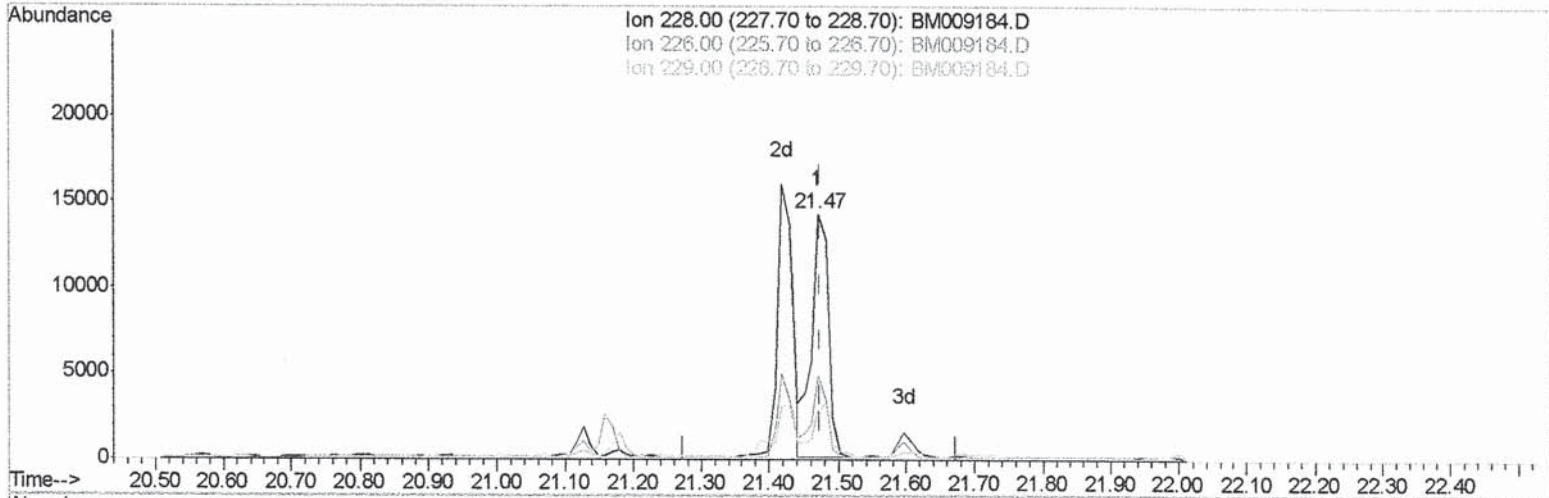
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
C0AJ5

Manual Integrations  
APPROVED

mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(19) Chrysene

21.471min (-0.004) 5.36ng/ul m

response 24204

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.20 | 33.88 |
| 229.00 | 22.10 | 20.48 |
| 0.00   | 0.00  | 0.00  |

SJ  
03/13/17

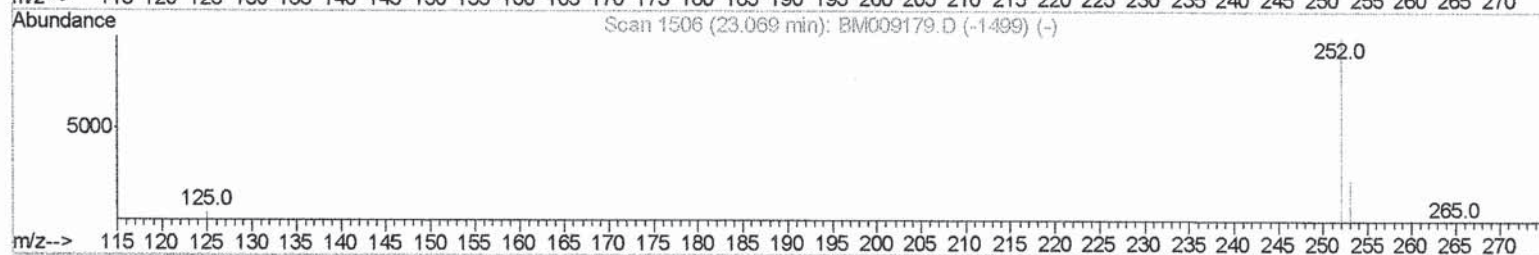
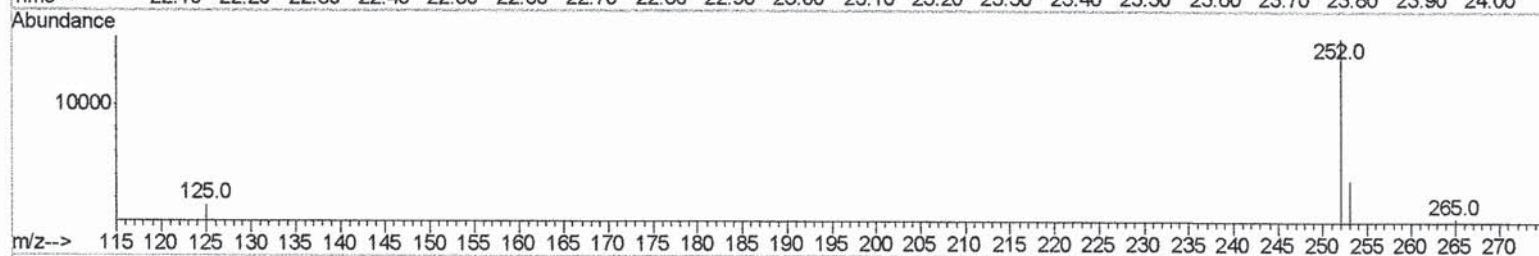
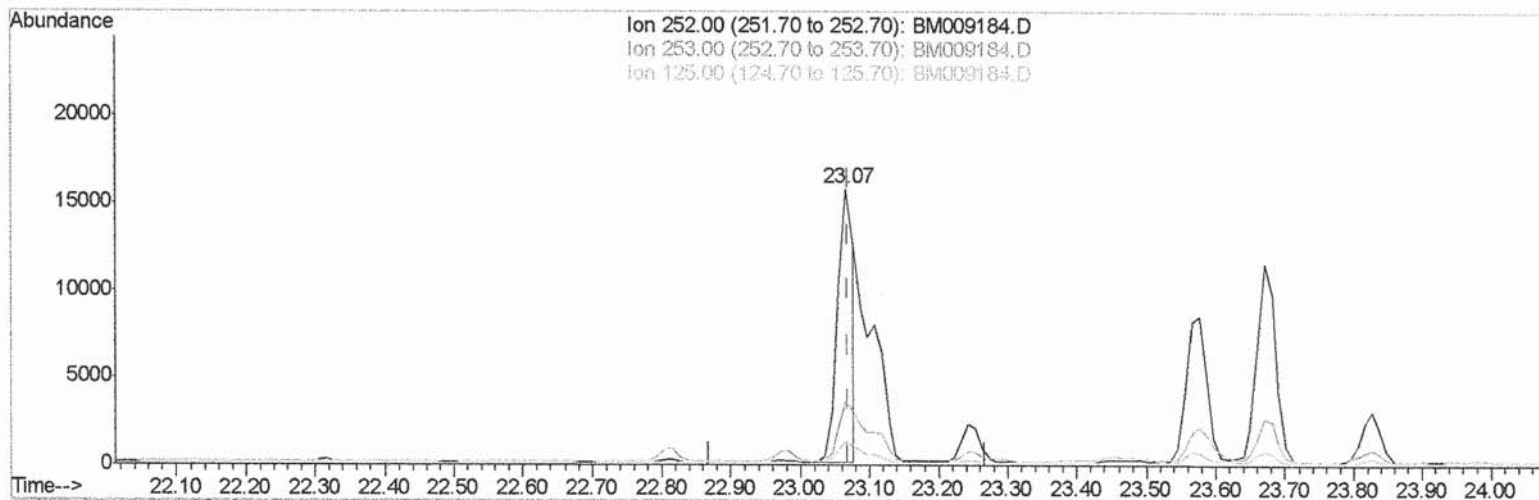
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
APPROVED

mohammad  
3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(21) Benzo(b)fluoranthene

23.065min (-0.004) 4.70ng/ul

response 25826

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.02 |
| 125.00 | 17.50 | 8.75  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

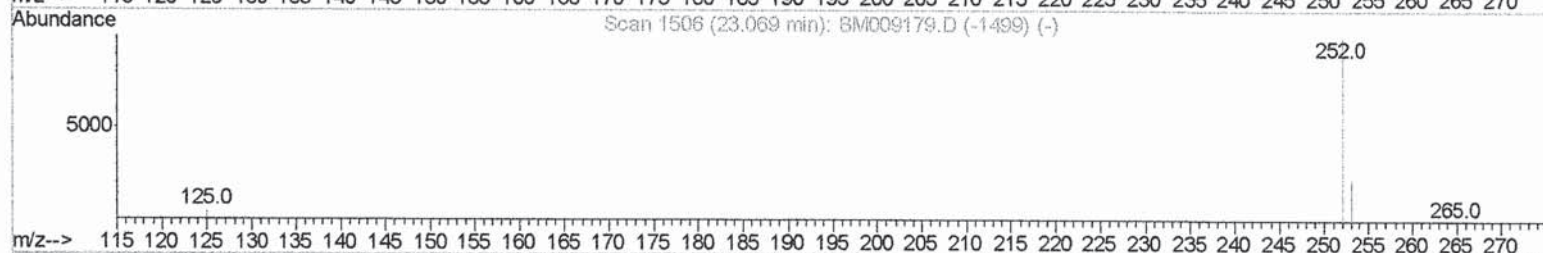
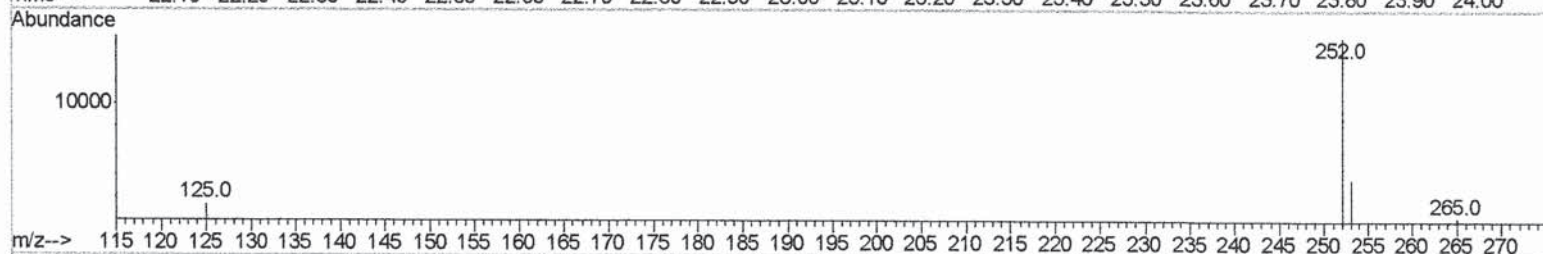
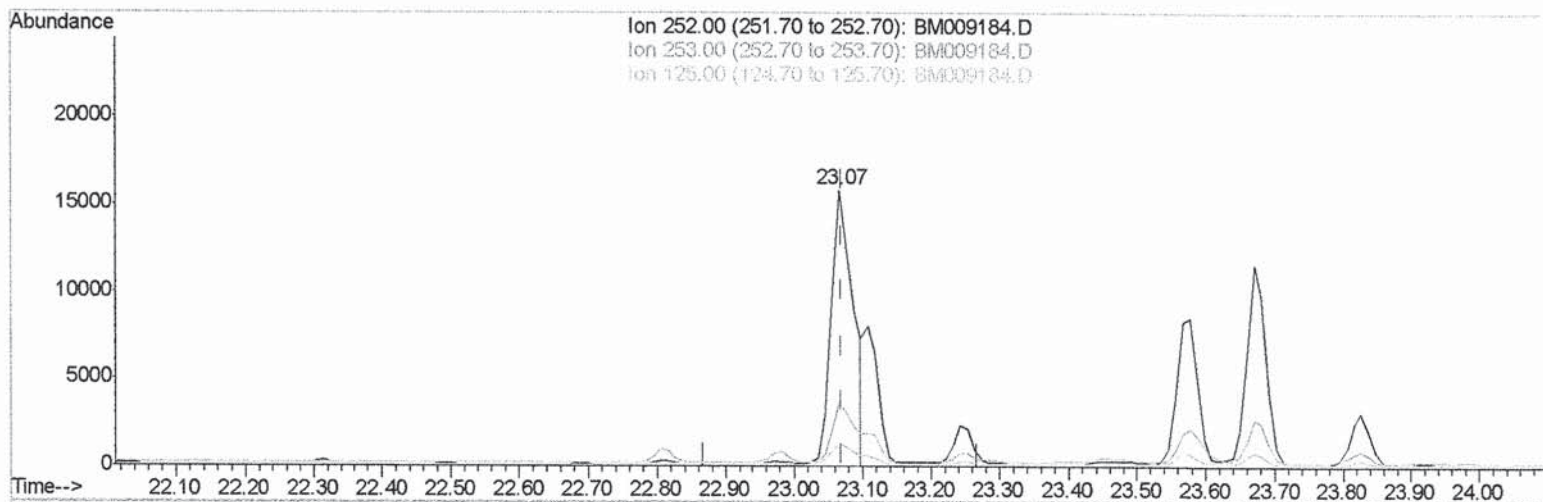
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
 APPROVED

mohammad  
 3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.065min (-0.004) 6.67ng/ul m

response 36641

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.02 |
| 125.00 | 17.50 | 8.75  |
| 0.00   | 0.00  | 0.00  |

>  $\frac{53}{03/13/17}$

# Quantitation Report (Qedit)

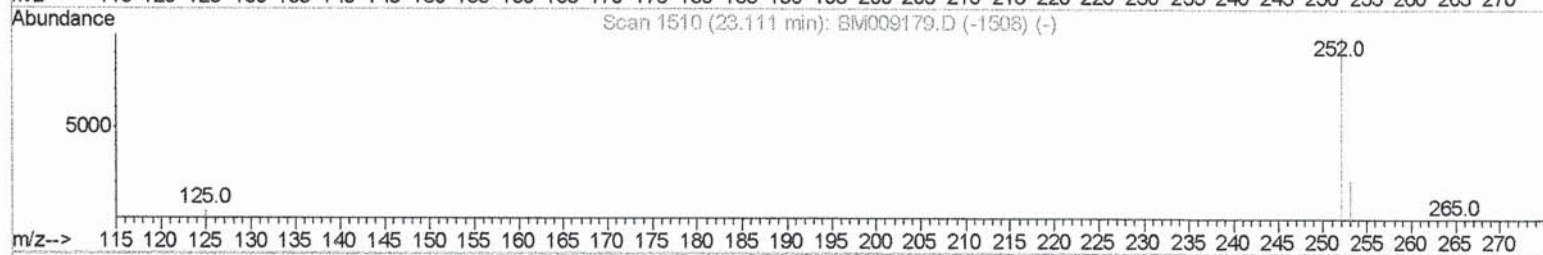
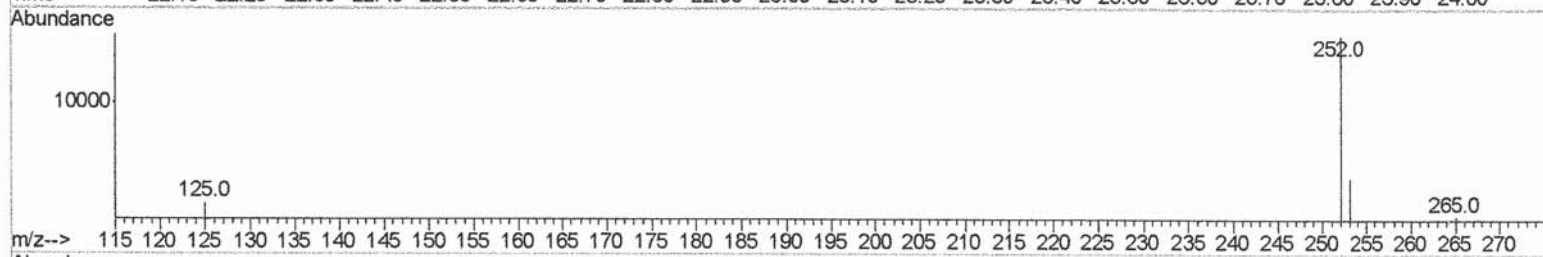
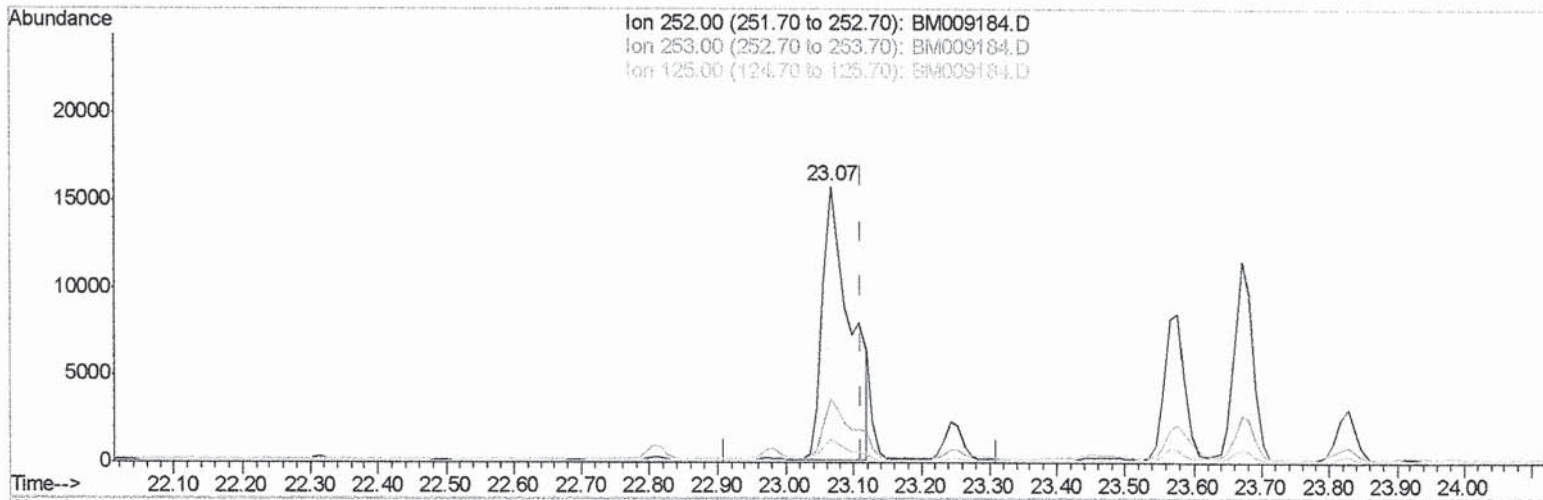
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
 APPROVED

mohammad  
 3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:19:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



TIC: BM009184.D

(22) Benzo(k)fluoranthene  
 23.065min (-0.045) 9.19ng/ul  
 response 44624

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.02# |
| 125.00 | 17.10 | 8.75#  |
| 0.00   | 0.00  | 0.00   |

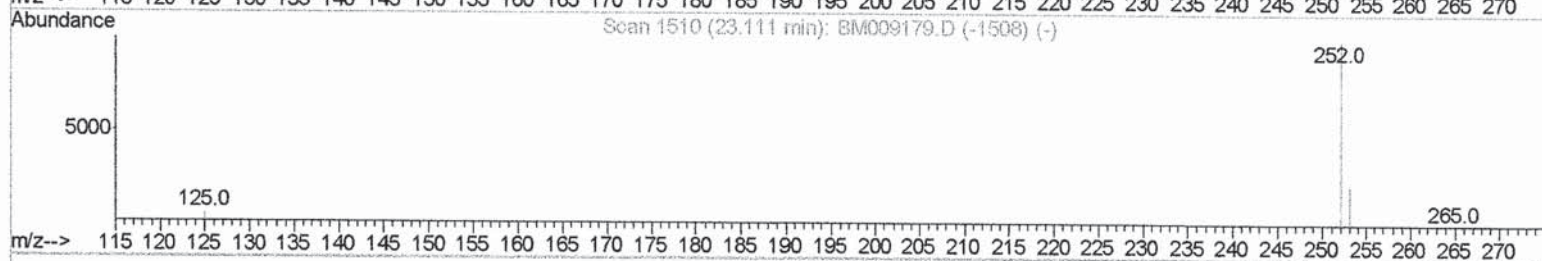
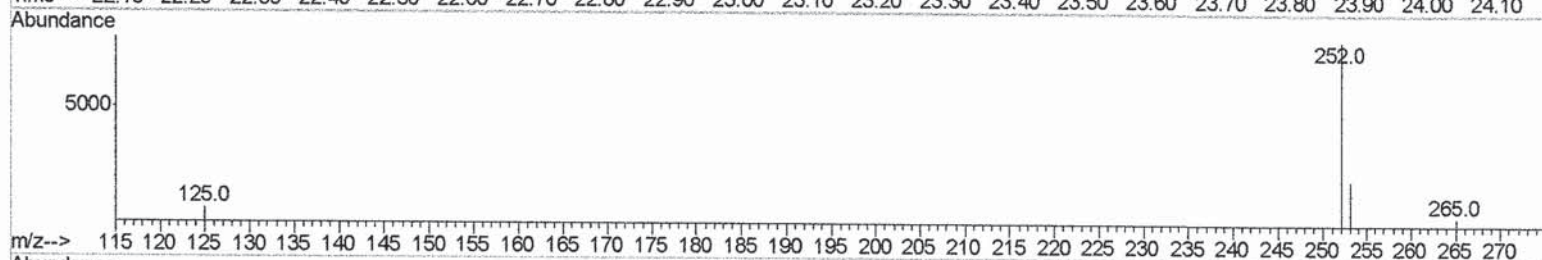
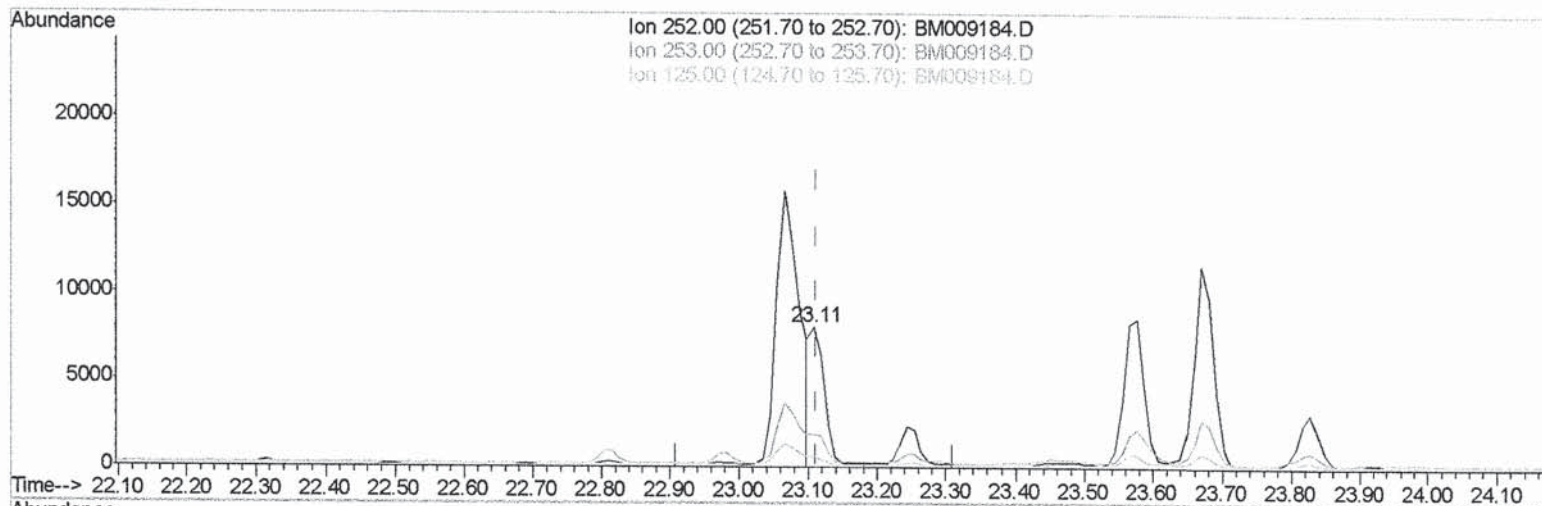
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(22) Benzo(k)fluoranthene

23.107min (-0.004) 2.35ng/ul m

response 11393

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 24.39# |
| 125.00 | 17.10 | 8.08#  |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

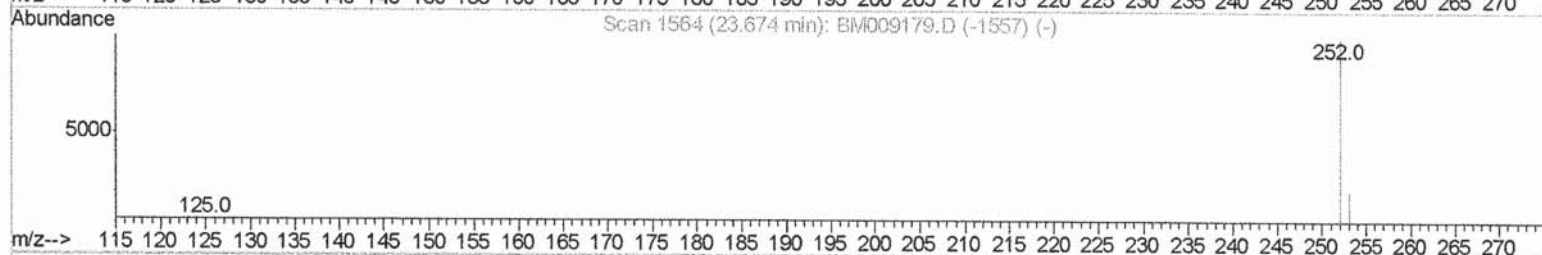
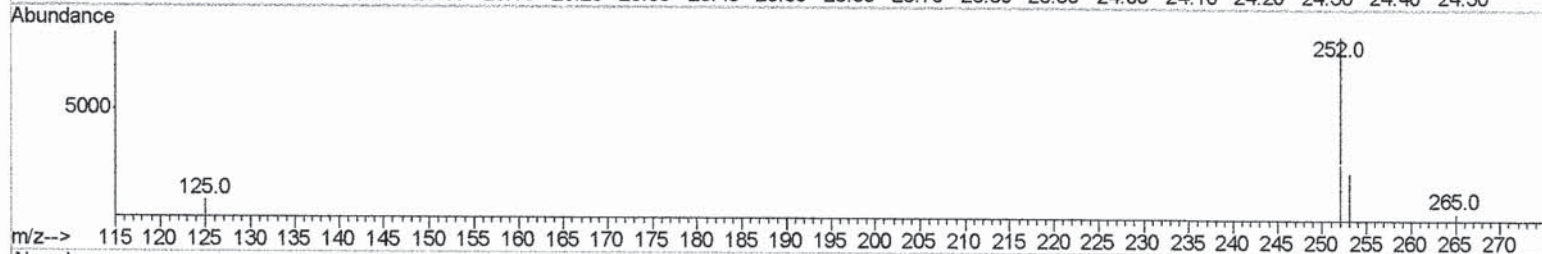
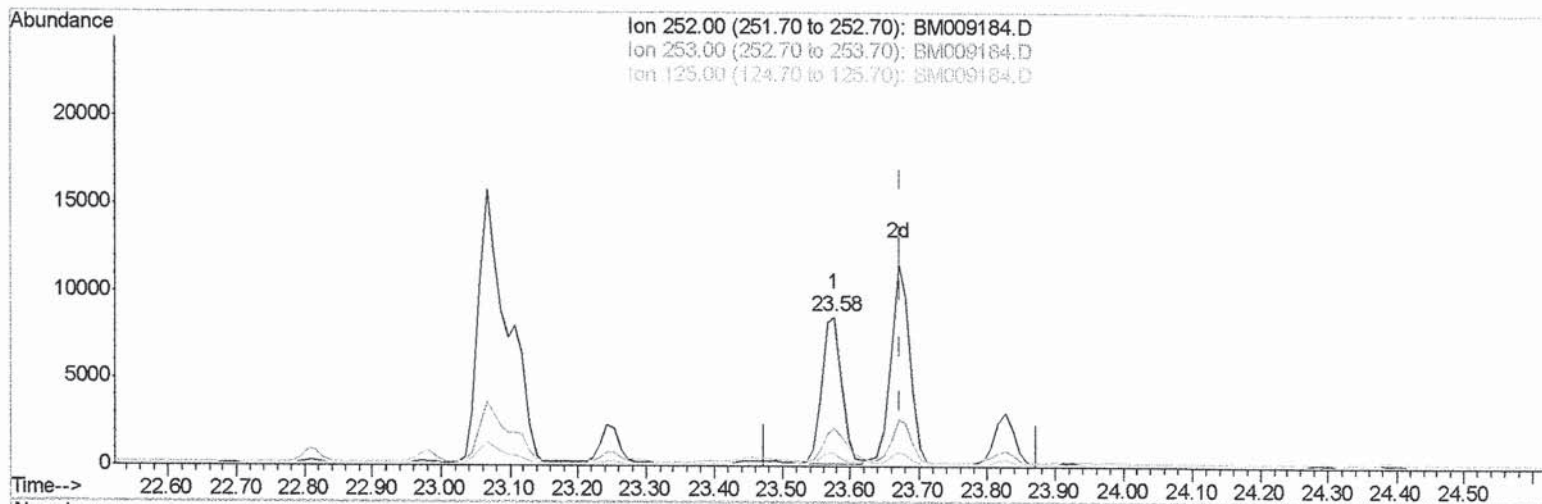
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



TIC: BM009184.D

(23) Benzo(a)pyrene (C)  
 23.576min (-0.097) 3.52ng/ui  
 response 17404

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 25.98# |
| 125.00 | 22.60 | 9.62#  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

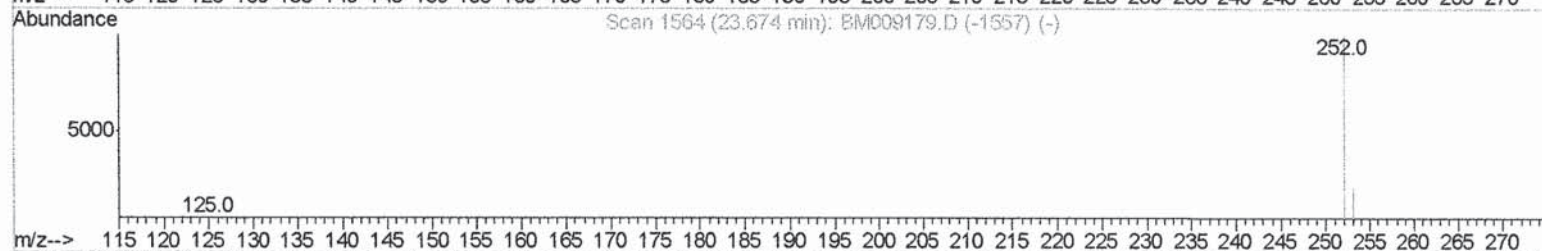
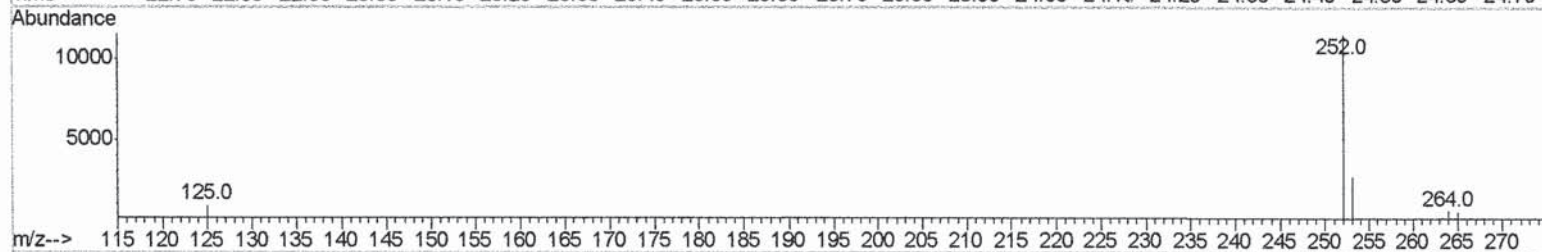
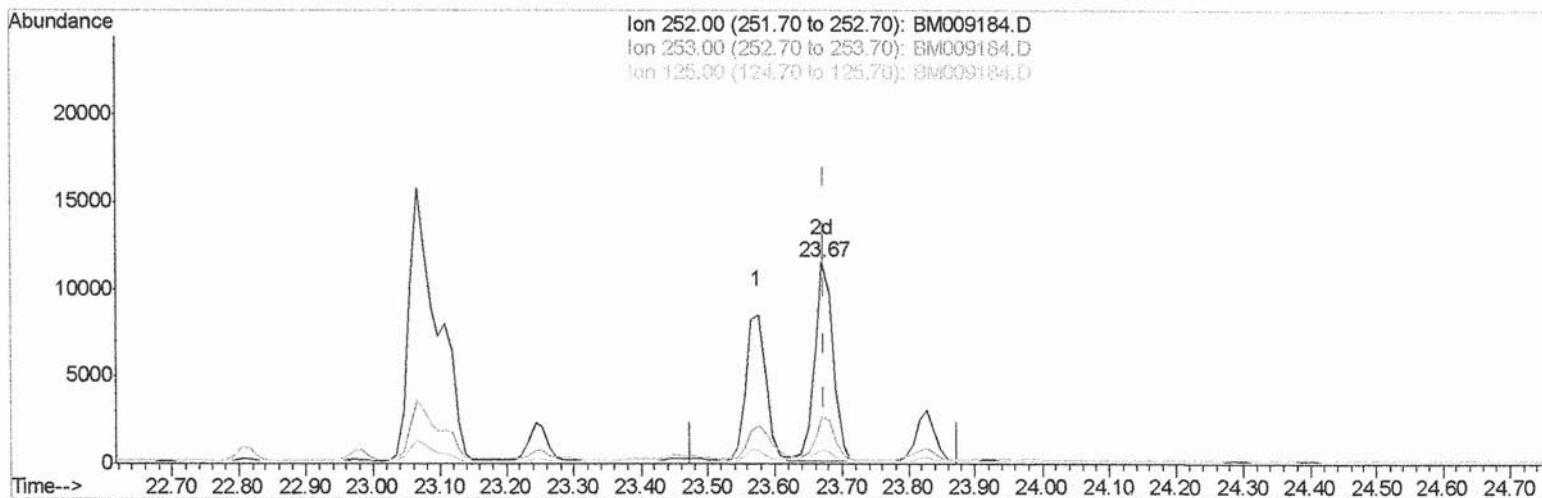
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



TIC: BM009184.D

(23) Benzo(a)pyrene (C)

23.670min (-0.004) 4.52ng/ul m

response 22330

Ion Exp% Act%

252.00 100 100

253.00 35.60 23.75#

125.00 22.60 7.71#

0.00 0.00 0.00

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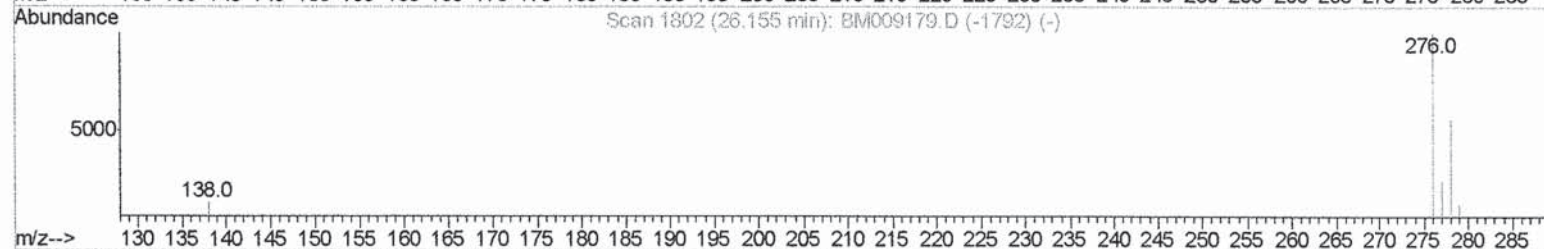
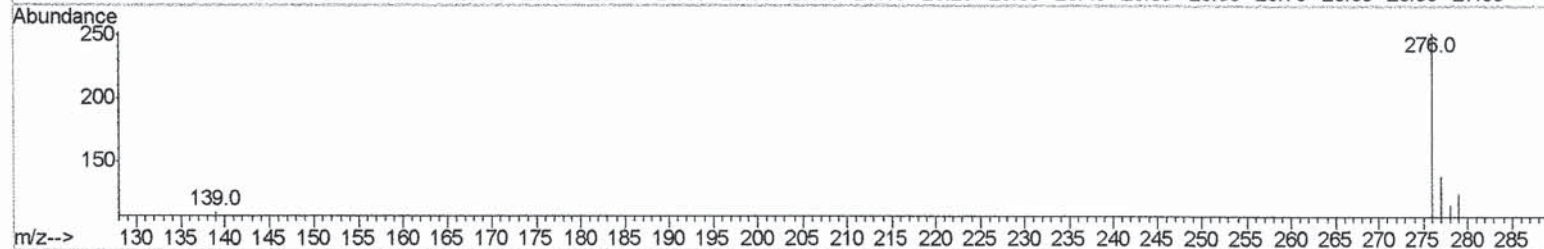
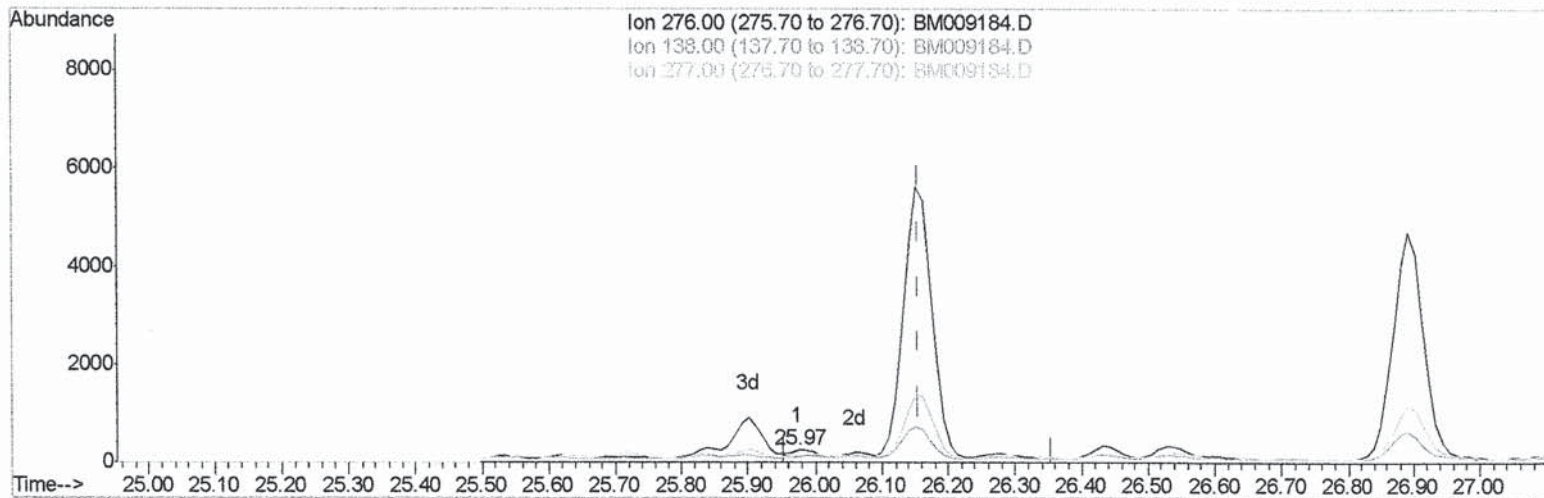
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

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

25.974min (-0.181) 0.05ng/ul

response 322

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 23.90 | 32.92# |
| 277.00 | 24.50 | 0.00#  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

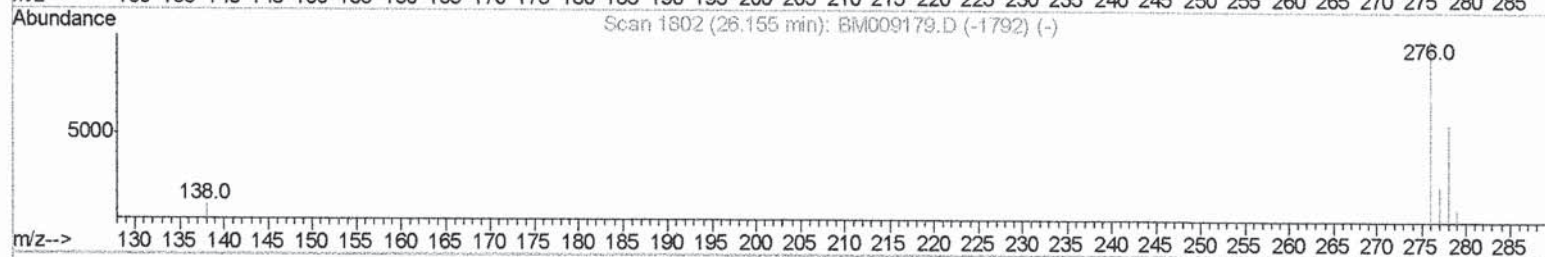
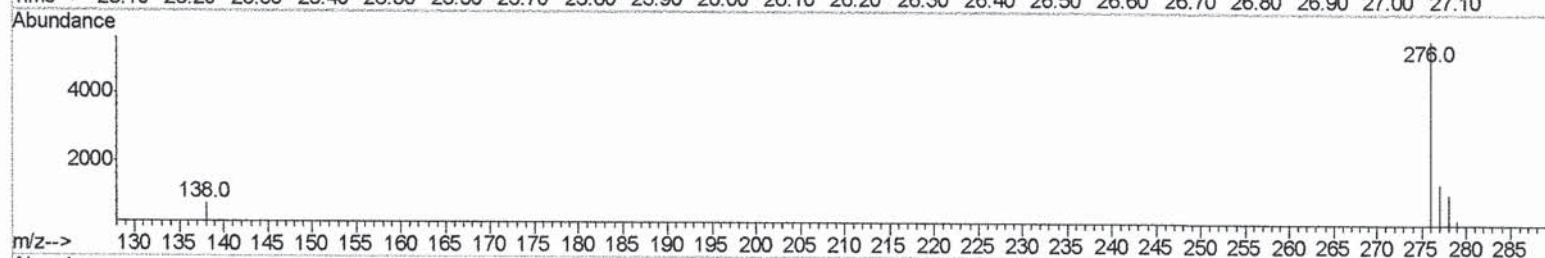
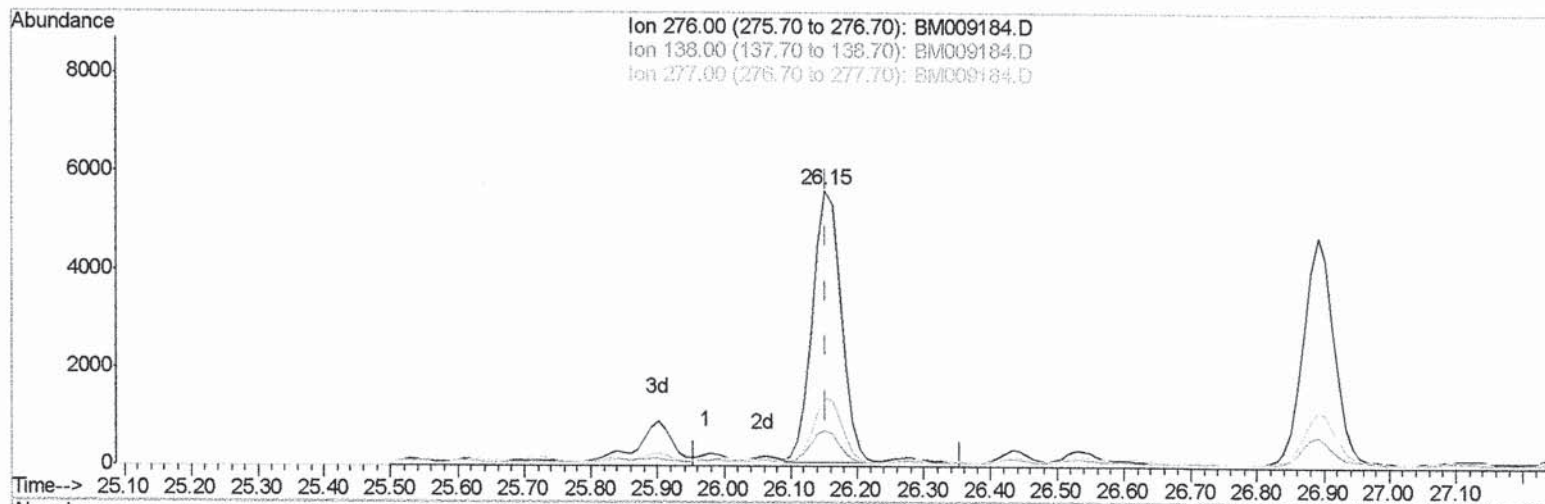
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



TIC: BM009184.D

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

26.151min (-0.004) 2.64ng/ul m

response 16593

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 23.90 | 0.64# |
| 277.00 | 24.50 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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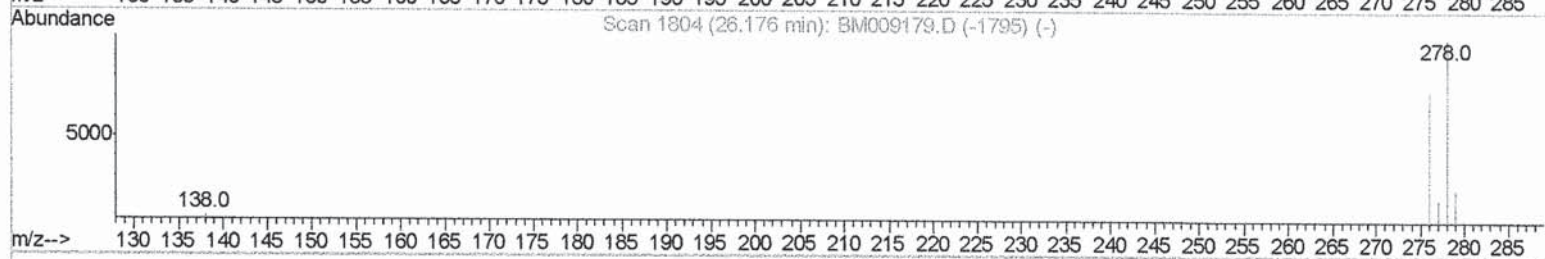
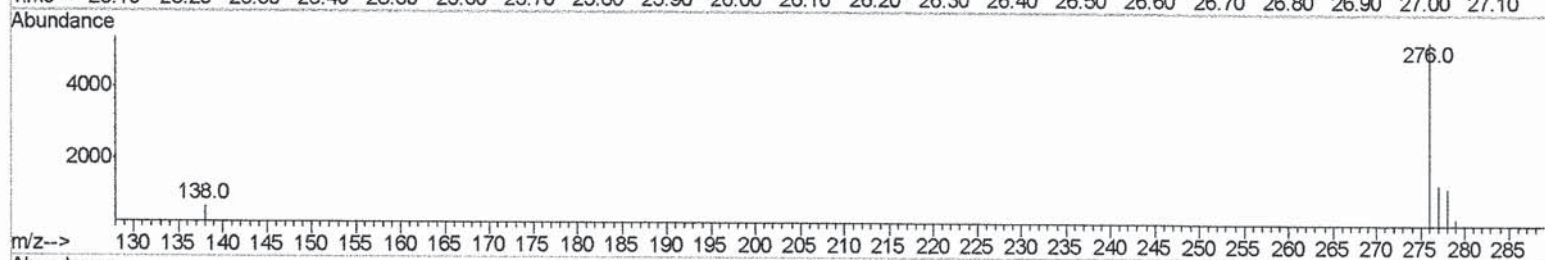
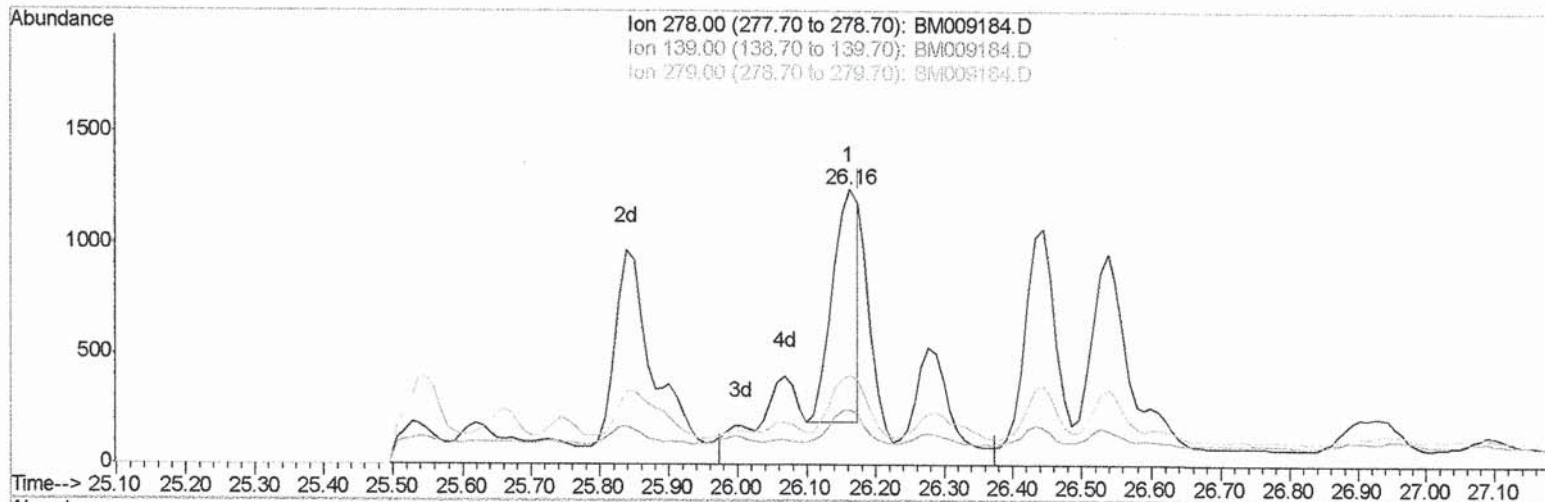
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
Data File : BM009184.D  
Acq On : 10 Mar 2017 20:33  
Operator : SJ/MA  
Sample : I2107-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 11 00:54:34 2017  
Response via : Initial Calibration



TIC: BM009184.D

(25) Dibenzo(a,h)anthracene

26.161min (-0.014) 0.52ng/ul

response 2744

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 21.70 | 19.89 |
| 279.00 | 32.40 | 32.72 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

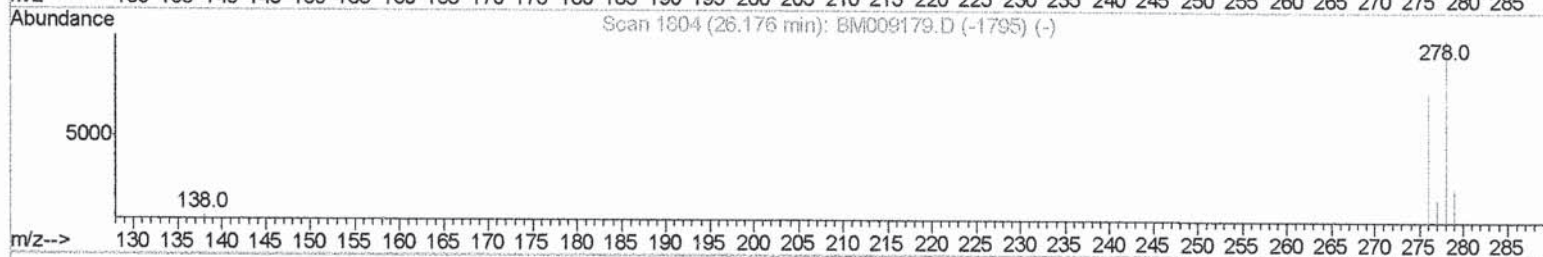
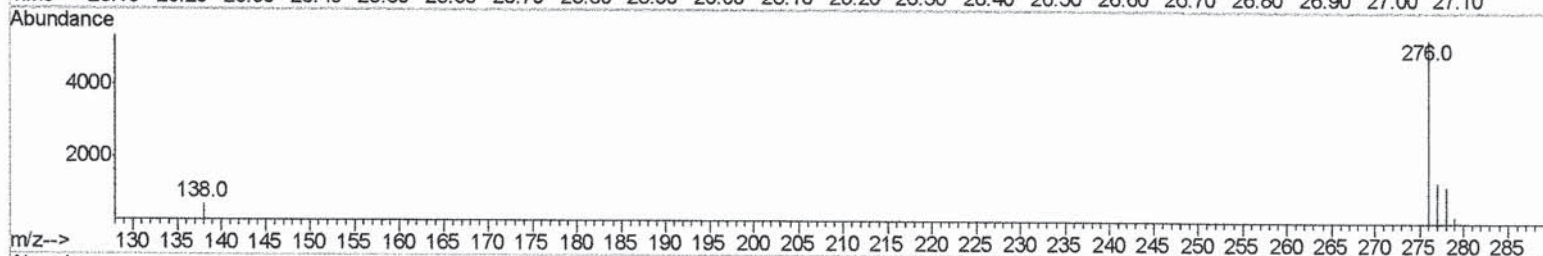
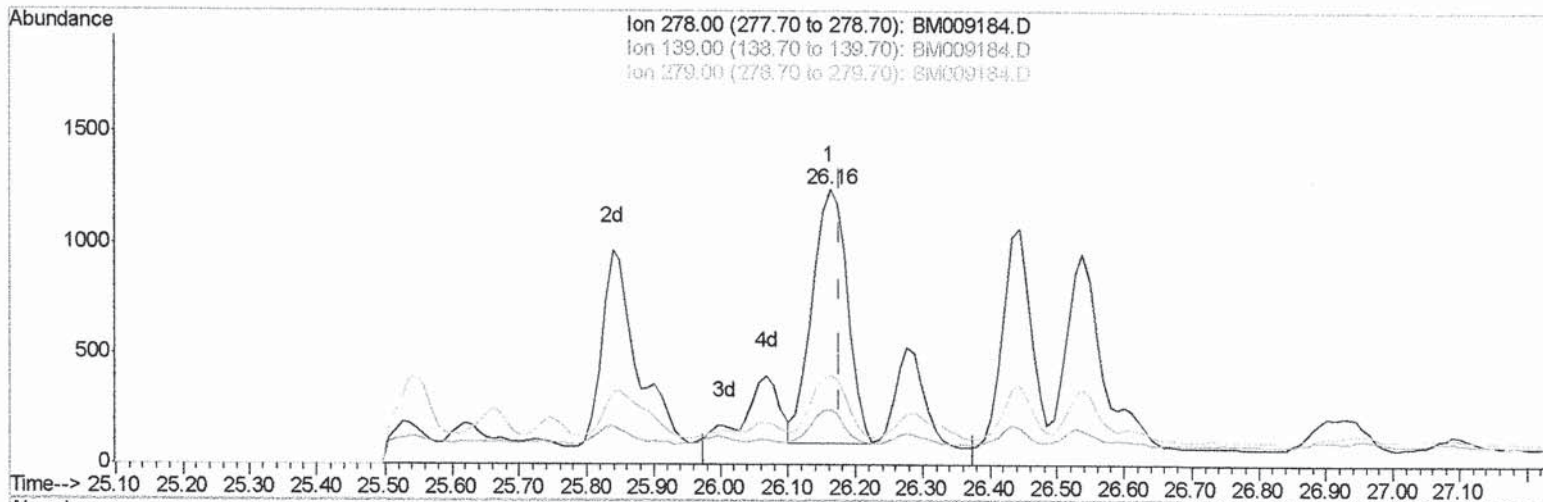
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



TIC: BM009184.D

(25) Dibenzo(a,h)anthracene

26.161 min (-0.014) 0.80ng/ul m

response 4210

Ion Exp% Act%

278.00 100 100

139.00 21.70 19.89

279.00 32.40 32.72

0.00 0.00 0.00

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# Quantitation Report (Qedit)

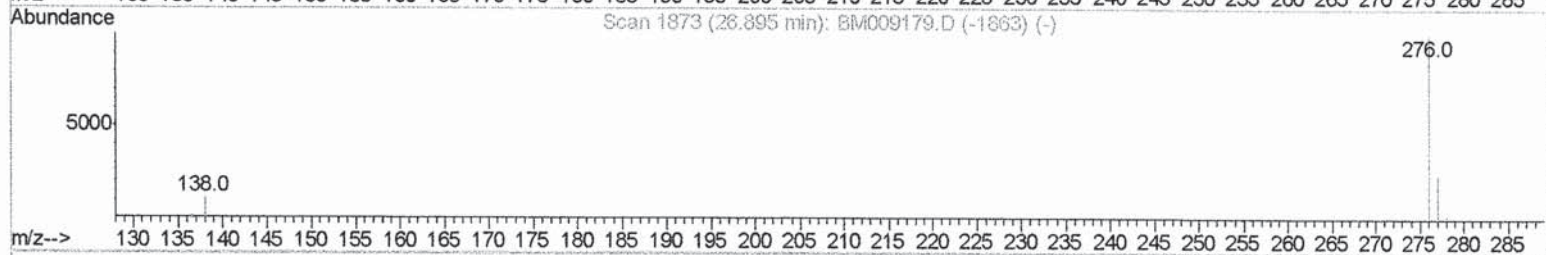
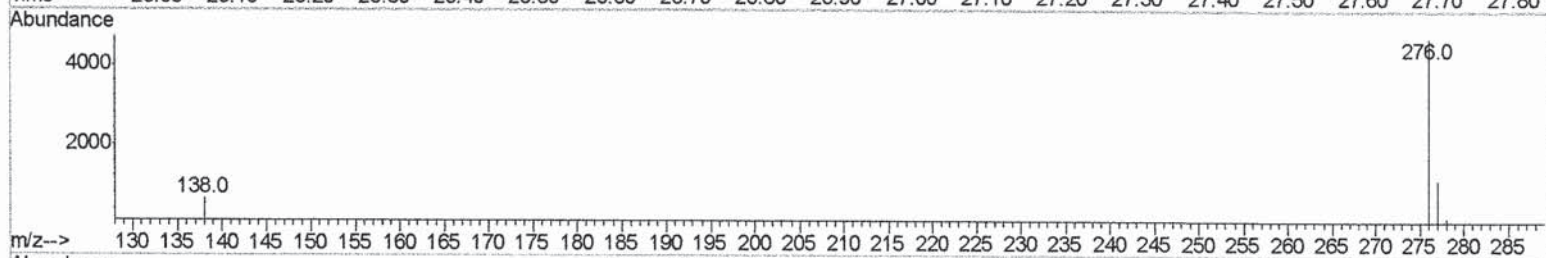
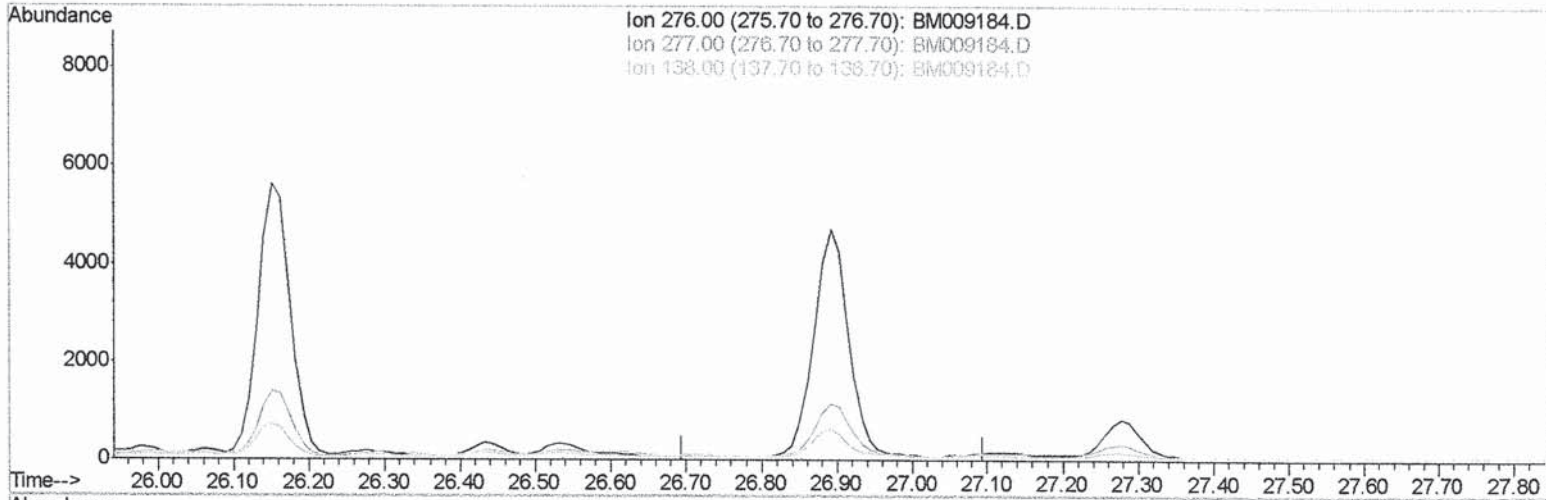
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene  
 26.895min (-26.895) 0.00ng/ul  
 response 0  

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

# Quantitation Report (Qedit)

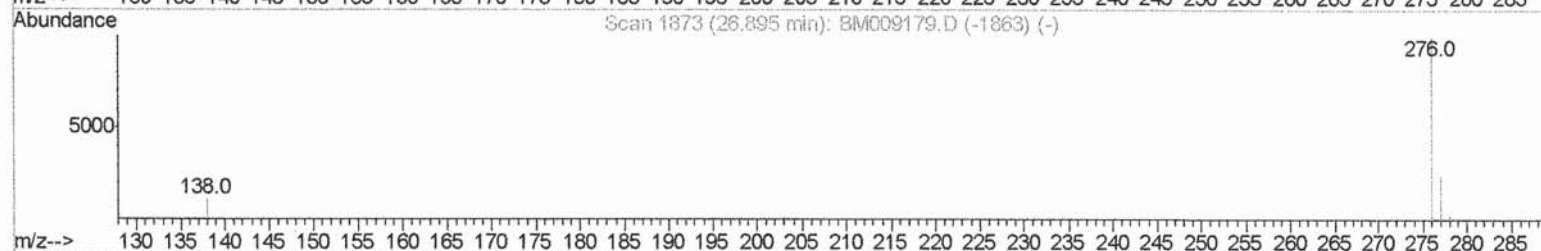
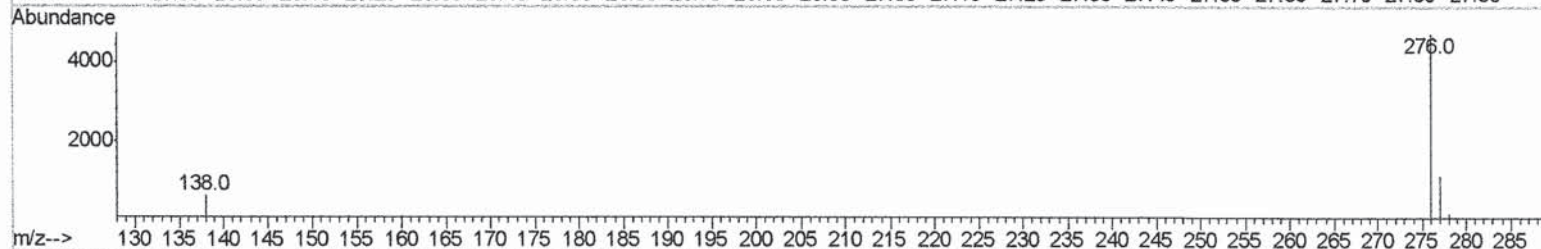
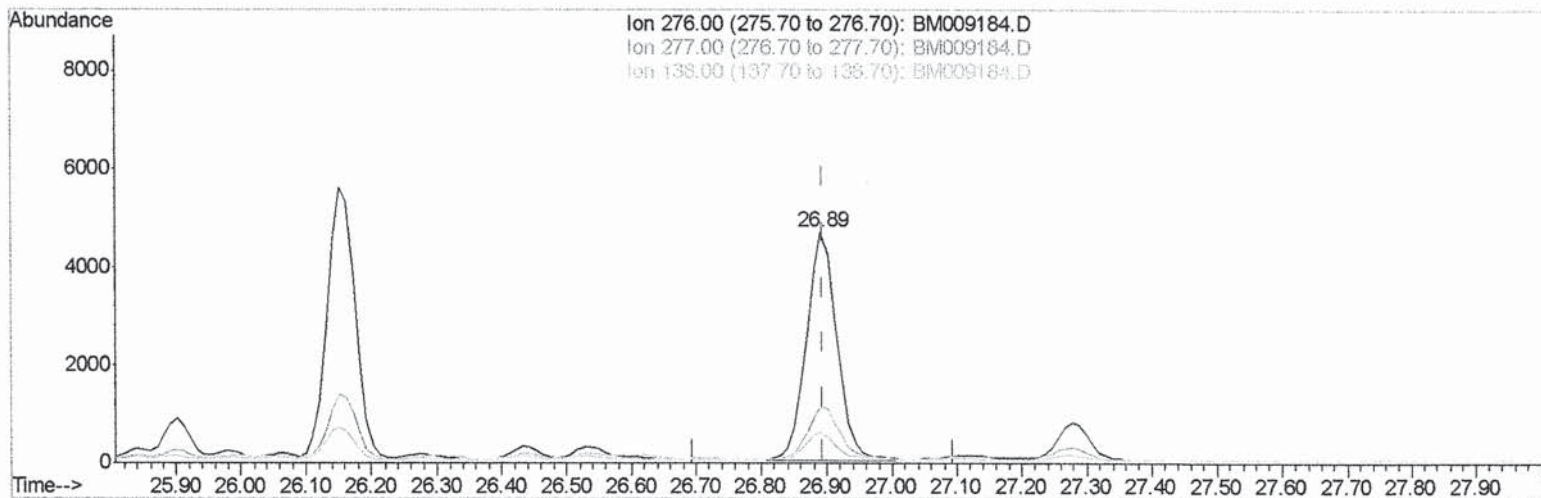
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
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Quant Time: Mar 11 01:19:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration



TIC: BM009184.D

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

26.891min (-0.004) 2.83ng/ul m

response 15183

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 277.00 | 27.30 | 24.68  |
| 138.00 | 25.60 | 13.45# |
| 0.00   | 0.00  | 0.00   |

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\  
 Data File : BM009184.D  
 Acq On : 10 Mar 2017 20:33  
 Operator : SJ/MA  
 Sample : I2107-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ5

Manual Integrations  
 APPROVED

mohammad  
 3/13/2017 2:14:13 PM

Quant Time: Mar 11 01:22:16 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 00:54:34 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|---------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 326      | 0.40 | ng/ul | 0.00      |
| 2) Naphthalene-d8         | 10.68 | 136  | 1077     | 0.40 | ng/ul | 0.00      |
| 6) Acenaphthene-d10       | 14.52 | 164  | 655      | 0.40 | ng/ul | 0.00      |
| 10) Phenanthrene-d10      | 17.26 | 188  | 1439m    | 0.40 | ng/ul | 0.00      |
| 16) Chrysene-d12          | 21.44 | 240  | 1432     | 0.40 | ng/ul | 0.00      |
| 20) Perylene-d12          | 23.77 | 264  | 1398m    | 0.40 | ng/ul | 0.00      |

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| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|-----------------------------|-------|------|----------|------|-------|-----------|
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 472      | 0.26 | ng/ul | 0.00      |
| 14) Fluoranthene-d10        | 19.29 | 212  | 1205     | 0.27 | ng/ul | 0.00      |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.73 | 128  | 3581     | 1.15 | ng/ul  | 97     |
| 5) 2-Methylnaphthalene     | 12.34 | 142  | 2882     | 1.29 | ng/ul  | 100    |
| 7) Acenaphthylene          | 14.23 | 152  | 1263     | 0.37 | ng/ul# | 87     |
| 8) Acenaphthene            | 14.57 | 153  | 378      | 0.14 | ng/ul# | 87     |
| 9) Fluorene                | 15.56 | 166  | 417      | 0.14 | ng/ul# | 73     |
| 12) Phenanthrene           | 17.30 | 178  | 14696m   | 3.25 | ng/ul  |        |
| 13) Anthracene             | 17.40 | 178  | 3347     | 0.75 | ng/ul  | 95     |
| 15) Fluoranthene           | 19.33 | 202  | 43111    | 7.31 | ng/ul  | 93     |
| 17) Pyrene                 | 19.69 | 202  | 38221    | 7.76 | ng/ul  | 96     |
| 18) Benzo(a)anthracene     | 21.42 | 228  | 23330m   | 4.90 | ng/ul  |        |
| 19) Chrysene               | 21.47 | 228  | 24204m   | 5.36 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 23.07 | 252  | 36641m   | 6.67 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.11 | 252  | 11393m   | 2.35 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.67 | 252  | 22330m   | 4.52 | ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 26.15 | 276  | 16593m   | 2.64 | ng/ul  |        |
| 25) Dibenzo(a,h)anthracene | 26.16 | 278  | 4210m    | 0.80 | ng/ul  |        |
| 26) Benzo(a,h,i)perylene   | 26.89 | 276  | 15183m   | 2.83 | ng/ul  |        |

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