

# Quantitation Report (Qedit)

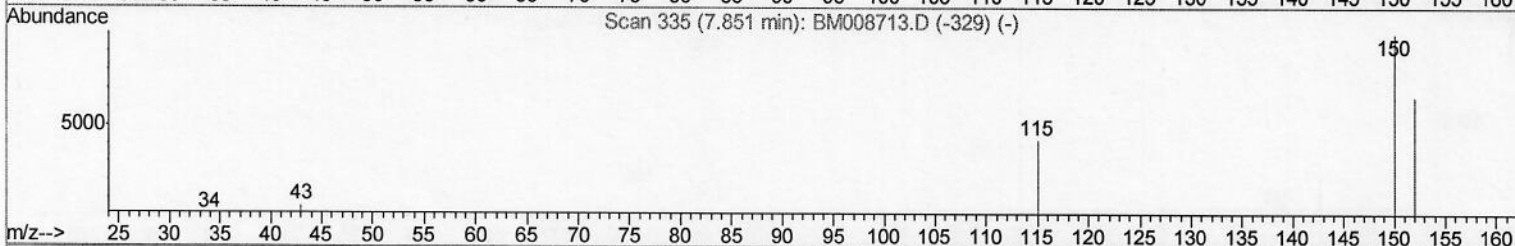
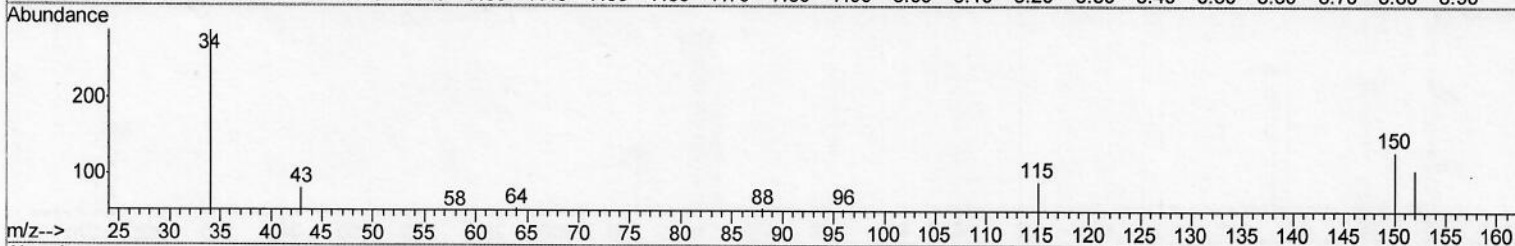
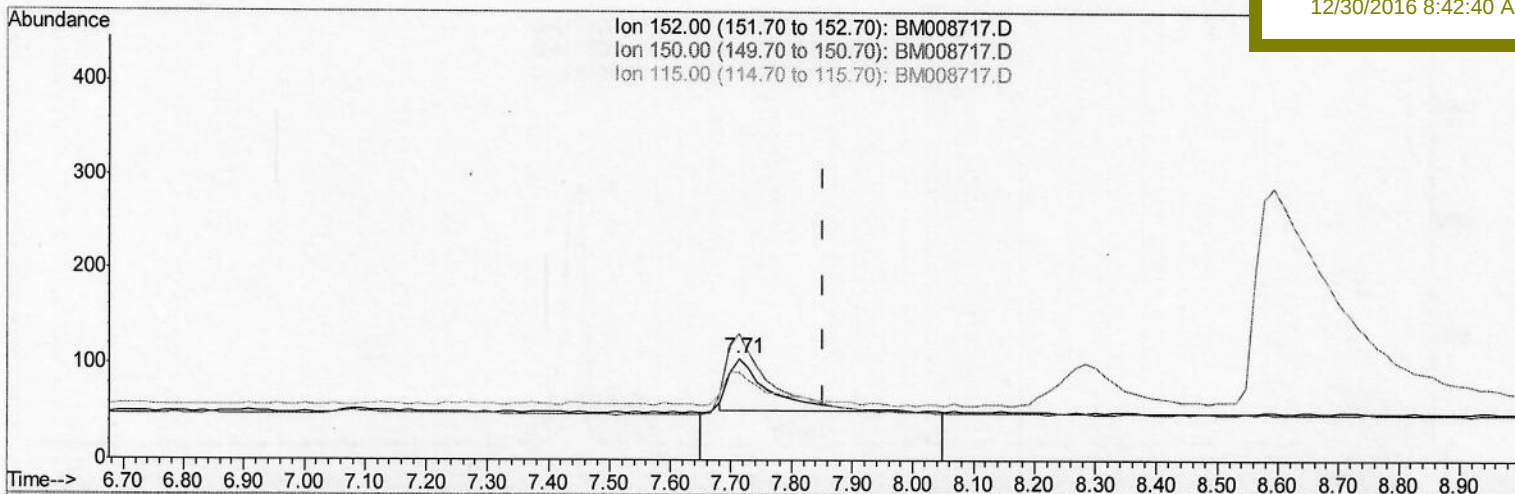
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Quant Time: Dec 30 00:57:40 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Sohil  
 12/30/2016 8:42:40 AM



TIC: BM008717.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.712min (-0.139) 0.40ng/ul

response 255

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100    | 100    |
| 150.00 | 143.40 | 124.53 |
| 115.00 | 64.90  | 85.85# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

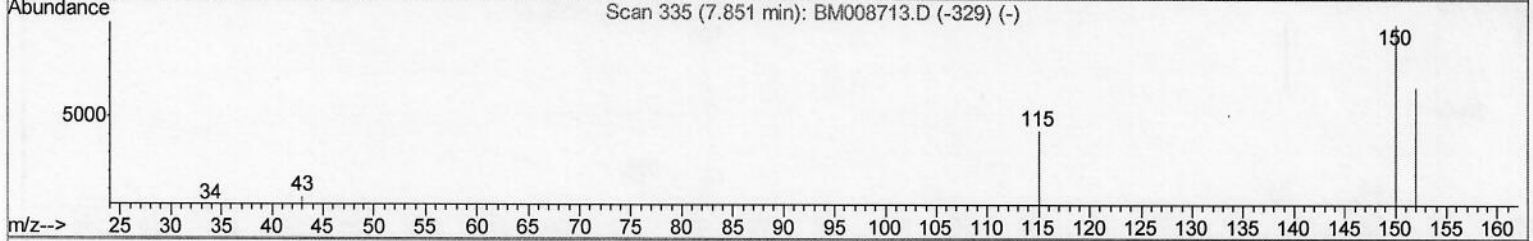
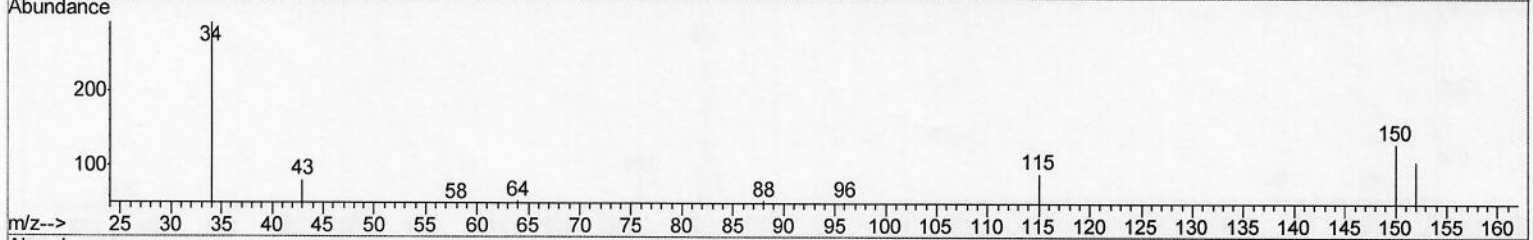
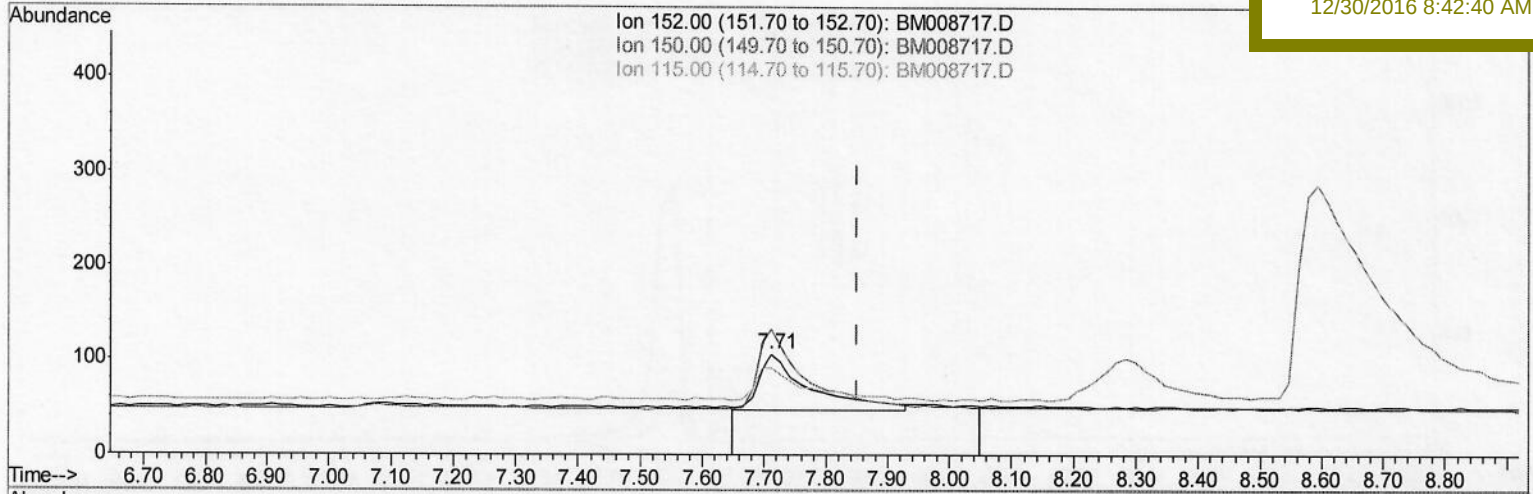
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
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**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7G1DL

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TIC: BM008717.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.712min (-0.139) 0.40ng/ul m

response 341

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100    | 100    |
| 150.00 | 143.40 | 124.53 |
| 115.00 | 64.90  | 85.85# |
| 0.00   | 0.00   | 0.00   |

*SJ*  
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# Quantitation Report (Qedit)

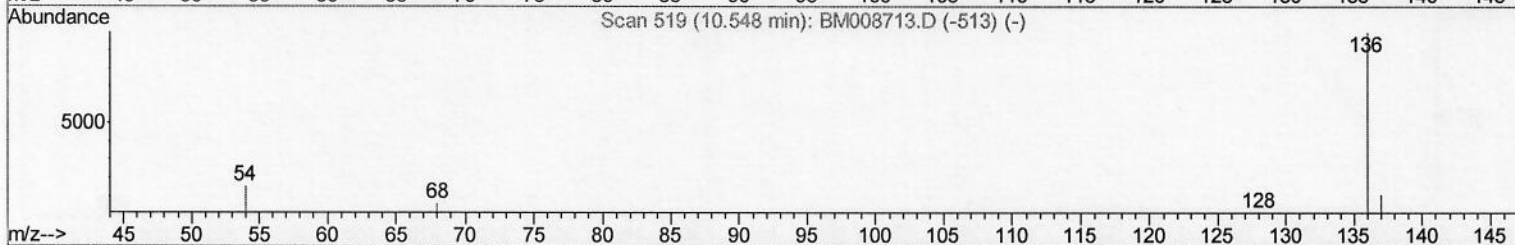
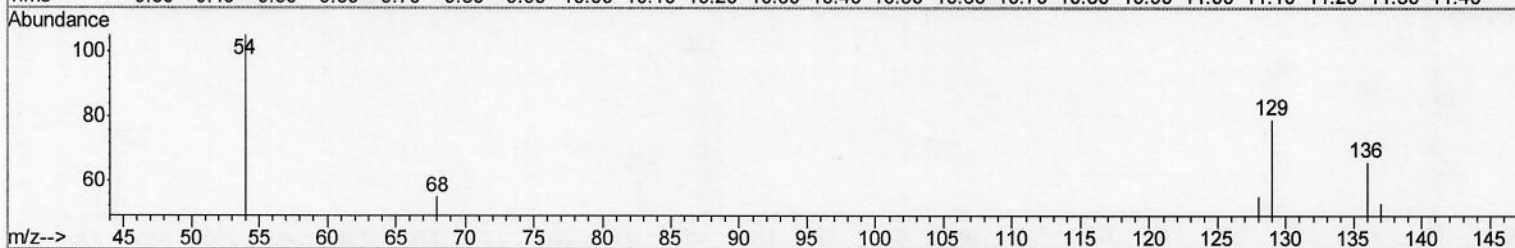
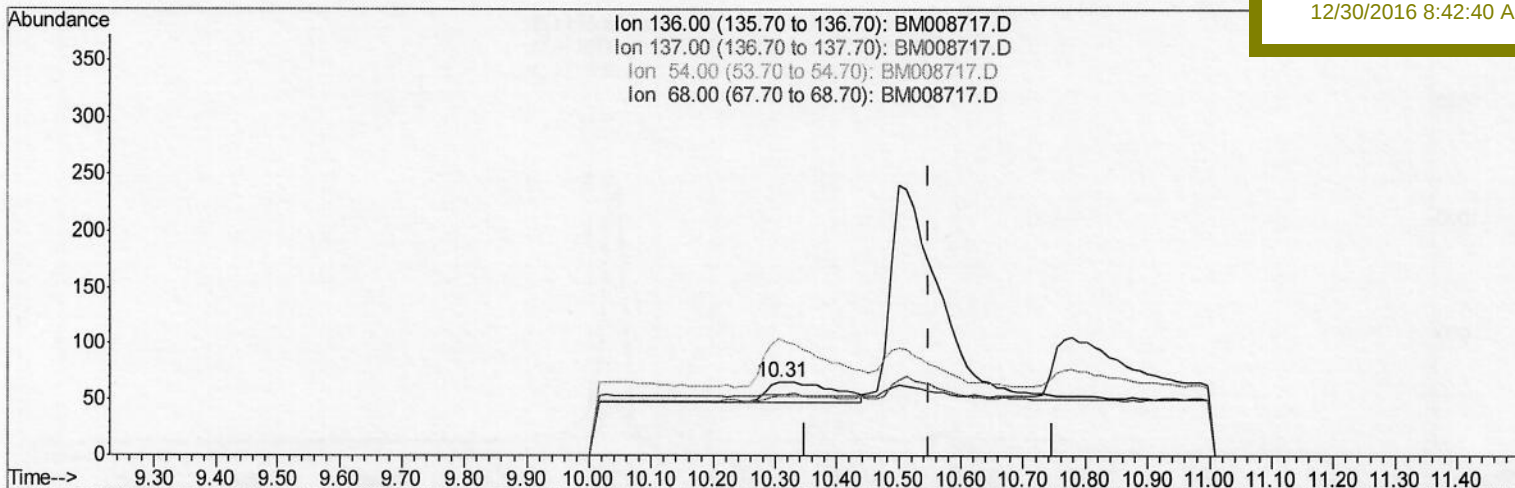
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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TIC: BM008717.D

(2) Naphthalene-d8 (I)

10.307min (-0.242) 0.40ng/ul

response 134

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 136.00 | 100   | 100     |
| 137.00 | 13.90 | 80.30#  |
| 54.00  | 15.50 | 159.09# |
| 68.00  | 9.90  | 83.33#  |

# Quantitation Report (Qedit)

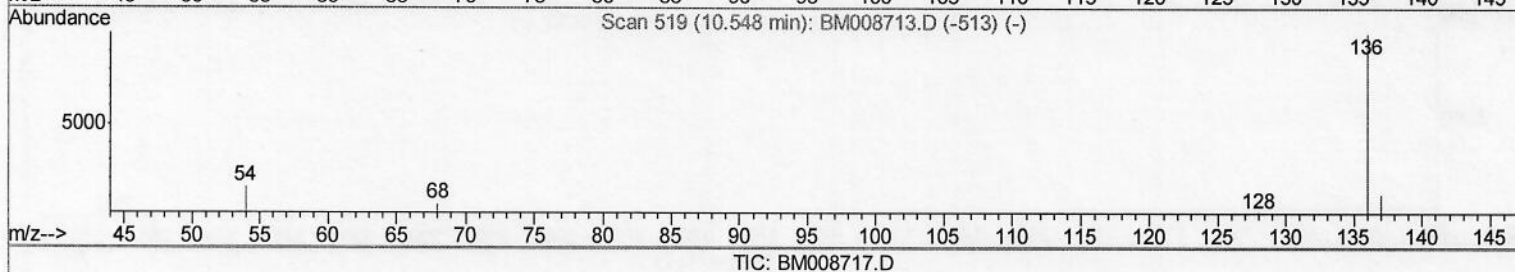
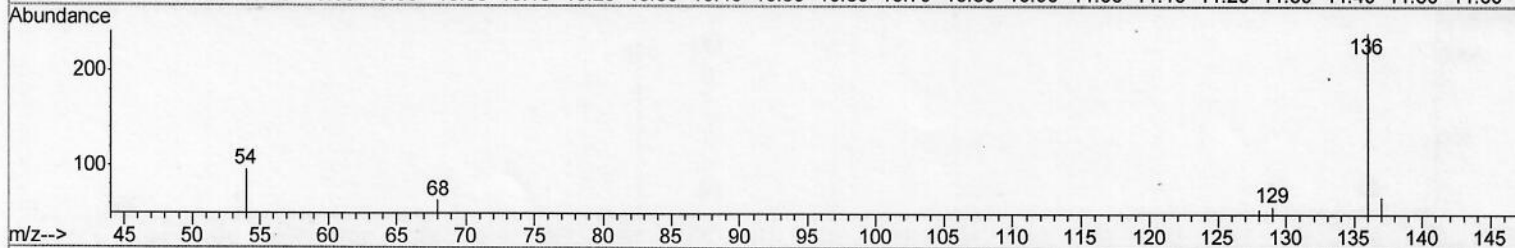
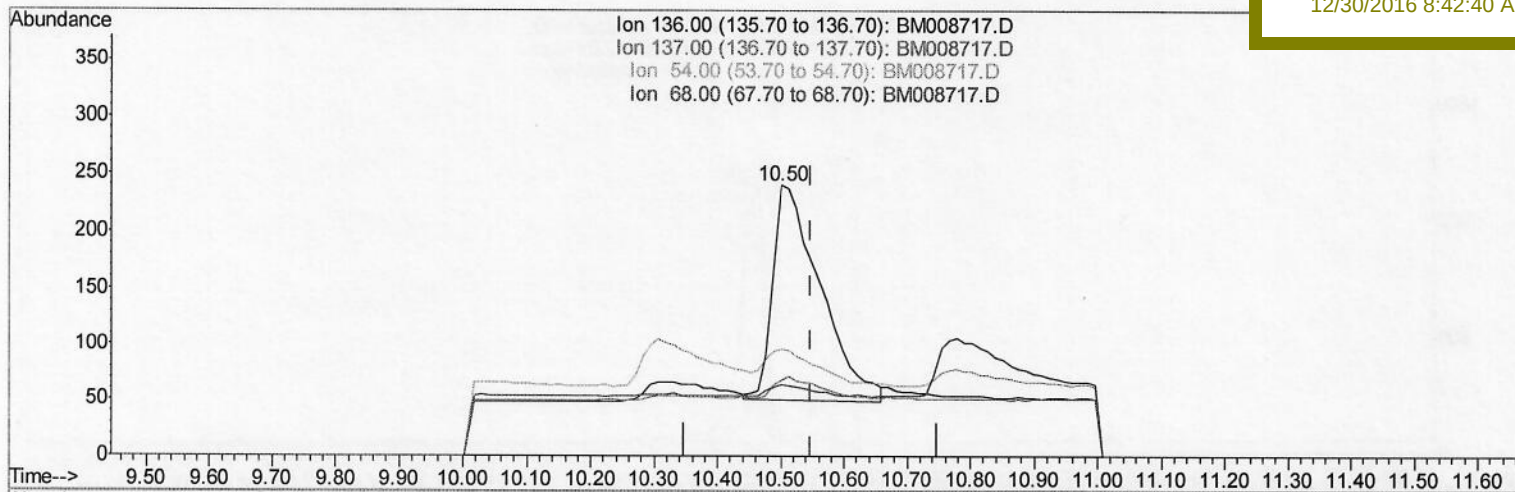
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
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 ALS Vial : 6 Sample Multiplier: 1

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(2) Naphthalene-d8 (I)

10.500min (-0.048) 0.40ng/ul m

response 1019

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 136.00 | 100   | 100    |
| 137.00 | 13.90 | 28.33# |
| 54.00  | 15.50 | 40.00# |
| 68.00  | 9.90  | 26.25# |

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Quantitation Report (Qedit)

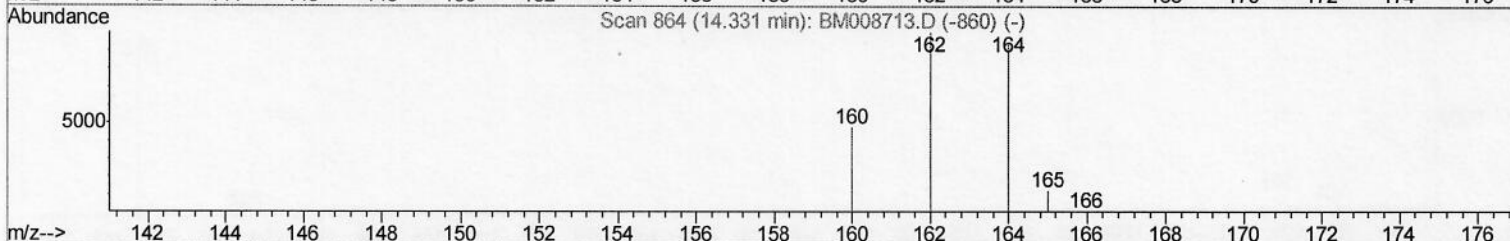
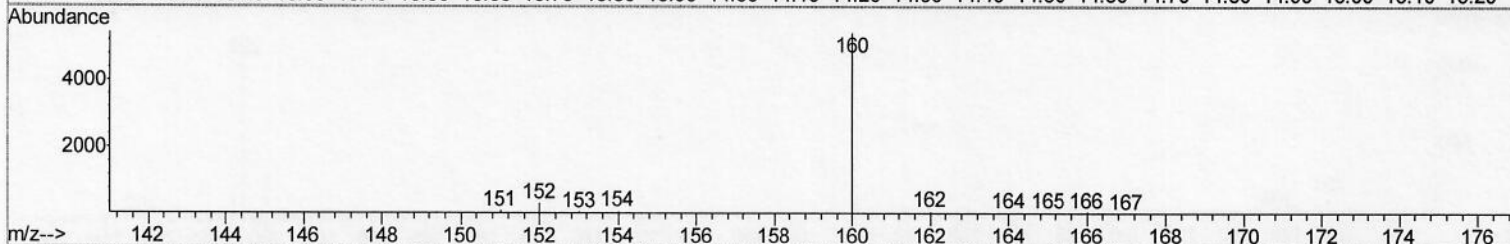
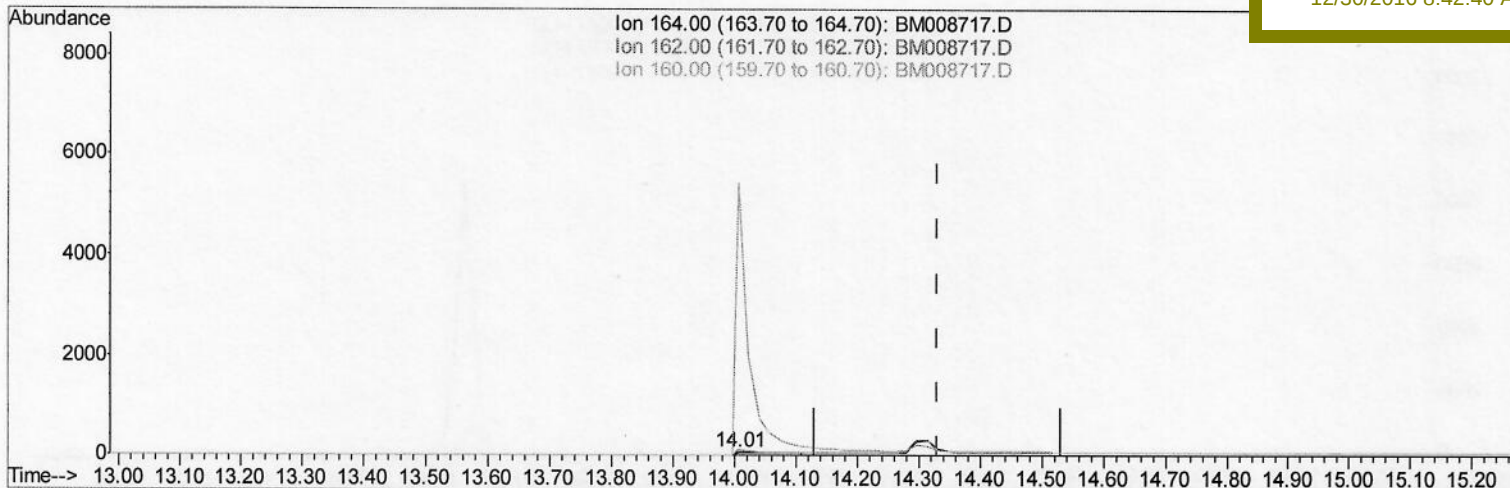
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TIC: BM008717.D

(6) Acenaphthene-d10 (I)

14.006min (-0.325) 0.40ng/ul

response 333

| Ion    | Exp%  | Act%      |
|--------|-------|-----------|
| 164.00 | 100   | 100       |
| 162.00 | 98.60 | 175.47#   |
| 160.00 | 48.80 | 10235.85# |
| 0.00   | 0.00  | 0.00      |

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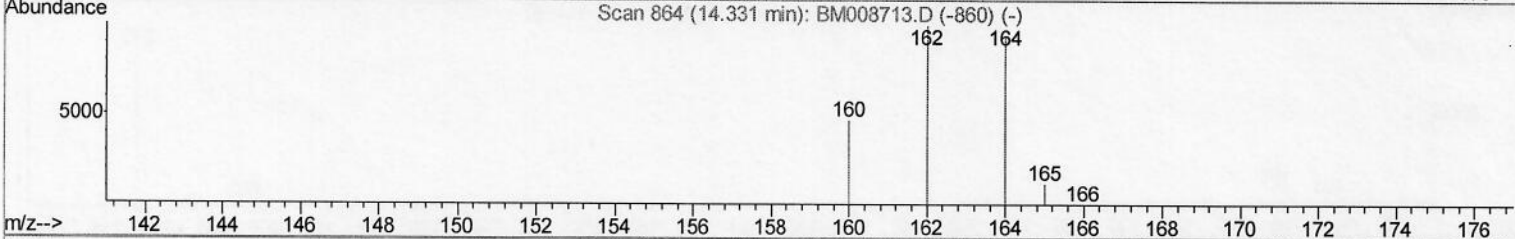
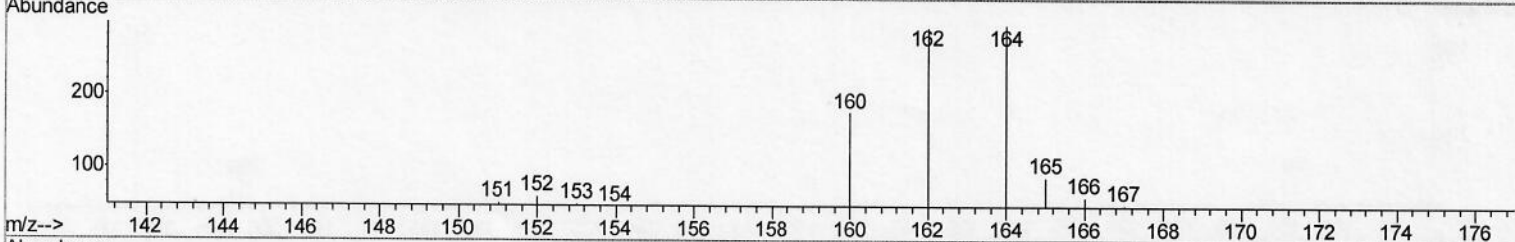
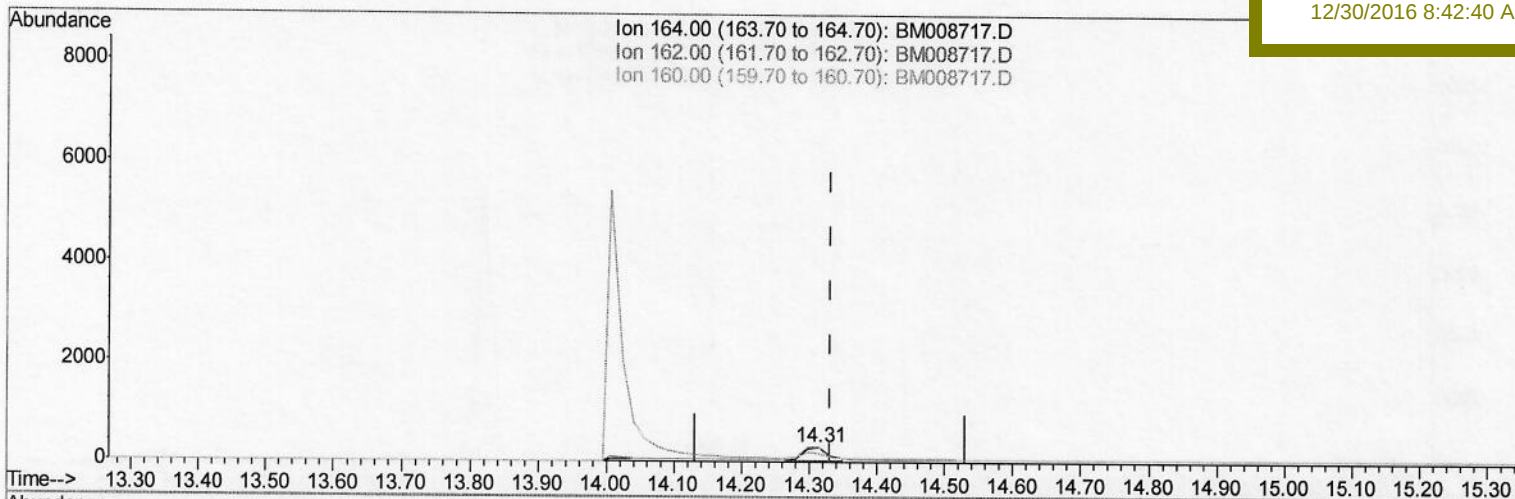
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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Manual Integrations  
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TIC: BM008717.D

(6) Acenaphthene-d10 (I)

14.314min (-0.017) 0.40ng/ul m

response 681

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| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 164.00 | 100   | 100    |
| 162.00 | 98.60 | 98.99  |
| 160.00 | 48.80 | 60.14# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

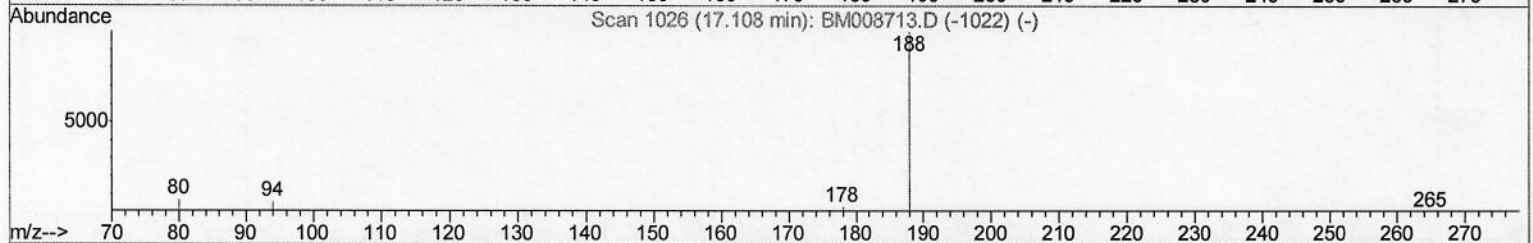
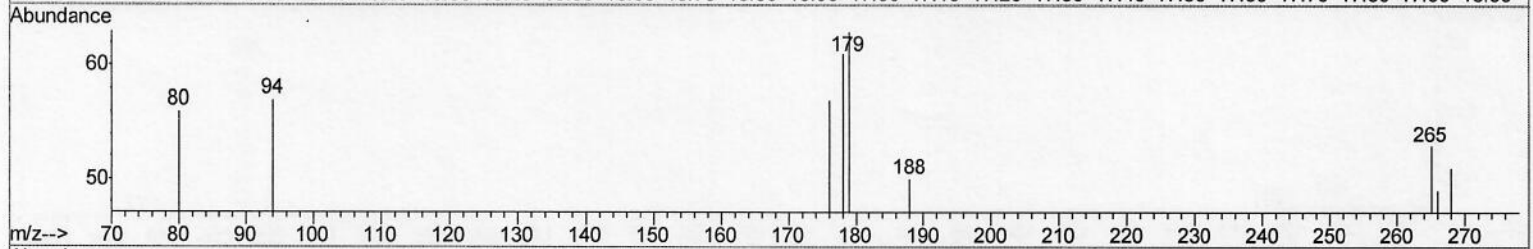
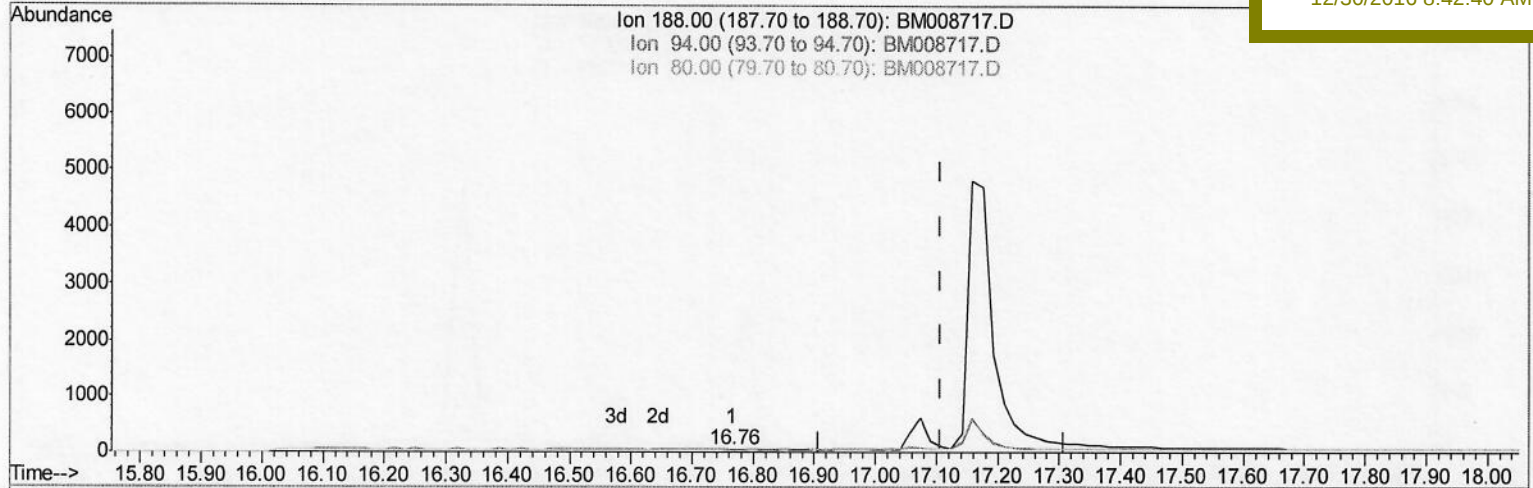
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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TIC: BM008717.D

(10) Phenanthrene-d10 (I)  
 16.765min (-0.343) 0.40ng/ul  
 response 4

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 188.00 | 100   | 100     |
| 94.00  | 11.00 | 114.00# |
| 80.00  | 11.80 | 112.00# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

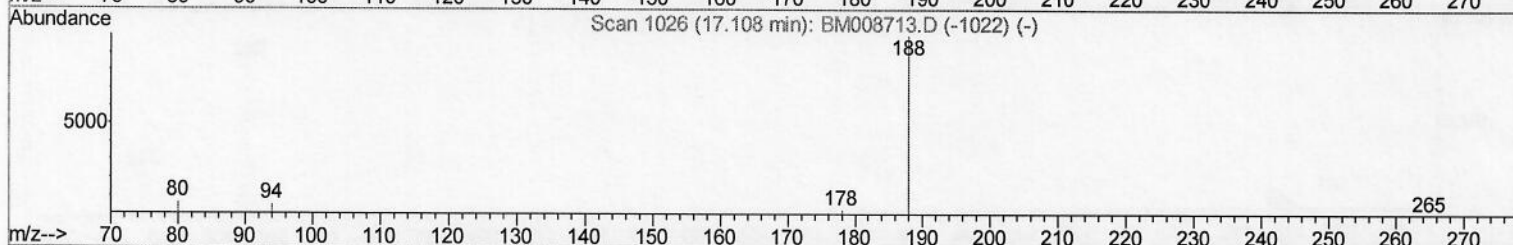
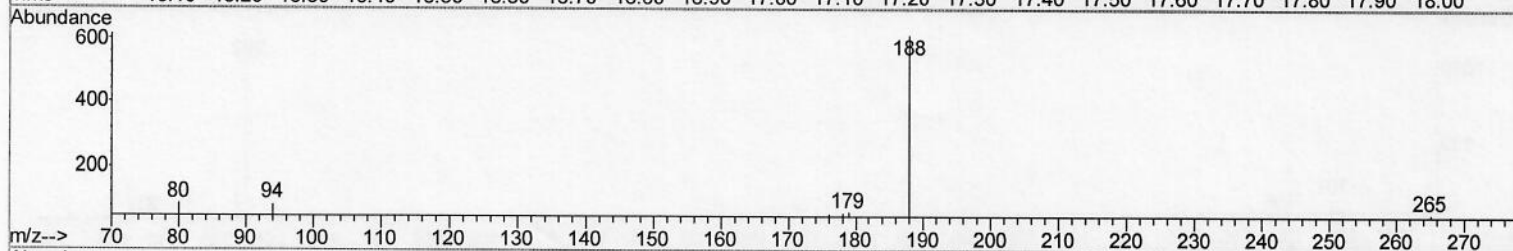
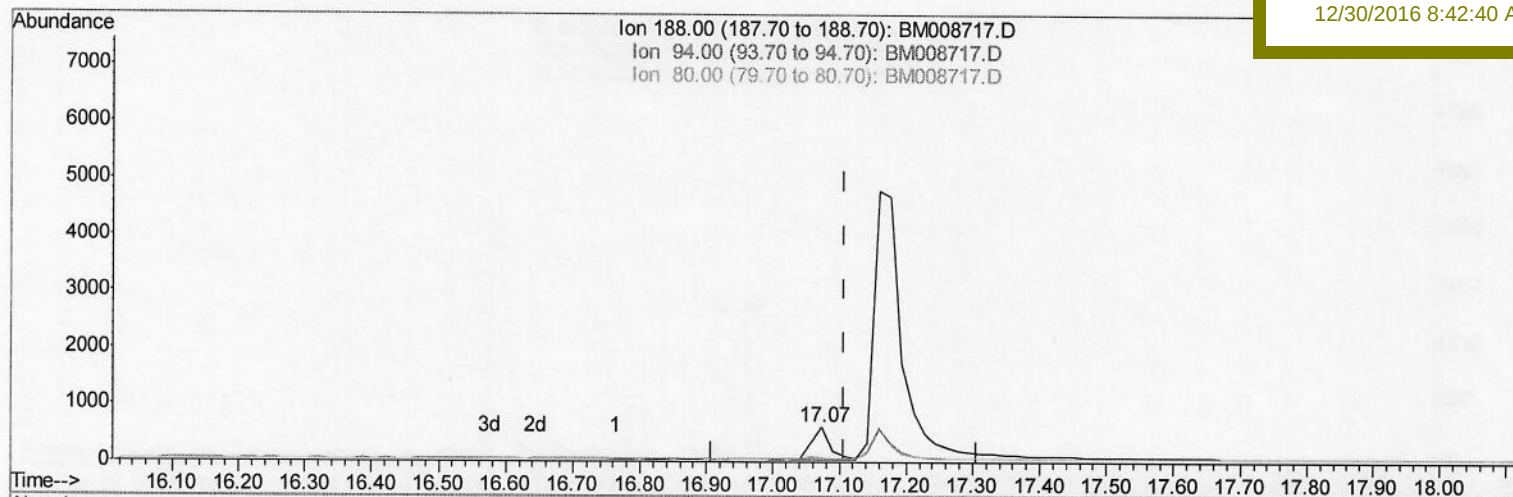
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 00:57:40 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(10) Phenanthrene-d10 (I)

17.073min (-0.034) 0.40ng/ul m

response 1154

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*12/30/16*

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 13.50# |
| 80.00  | 11.80 | 13.82  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

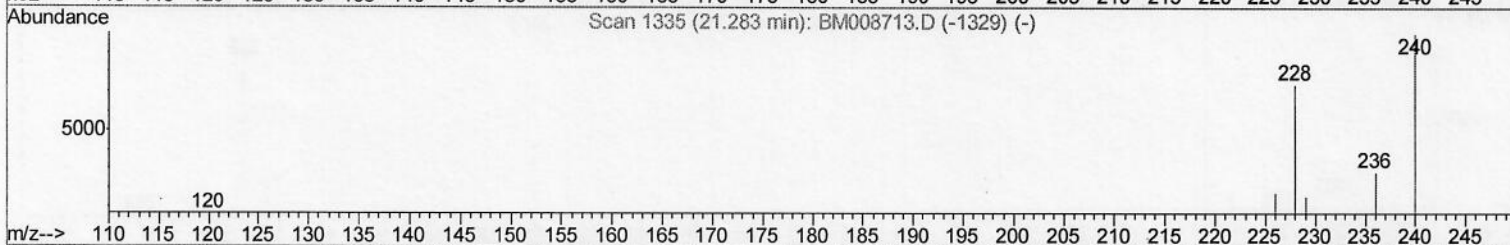
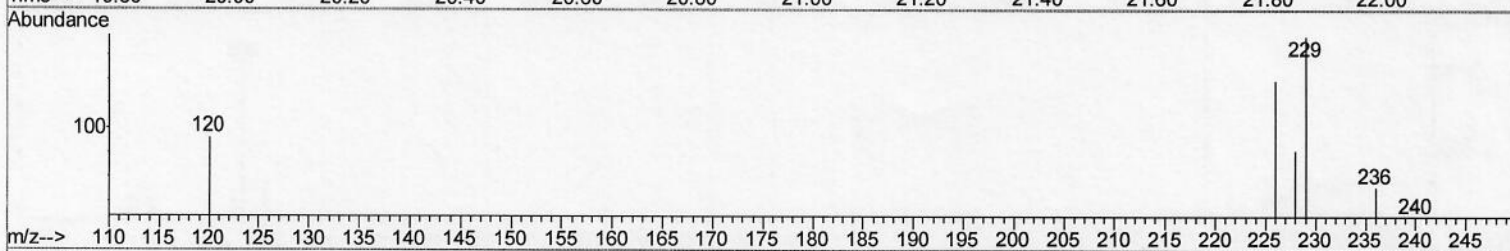
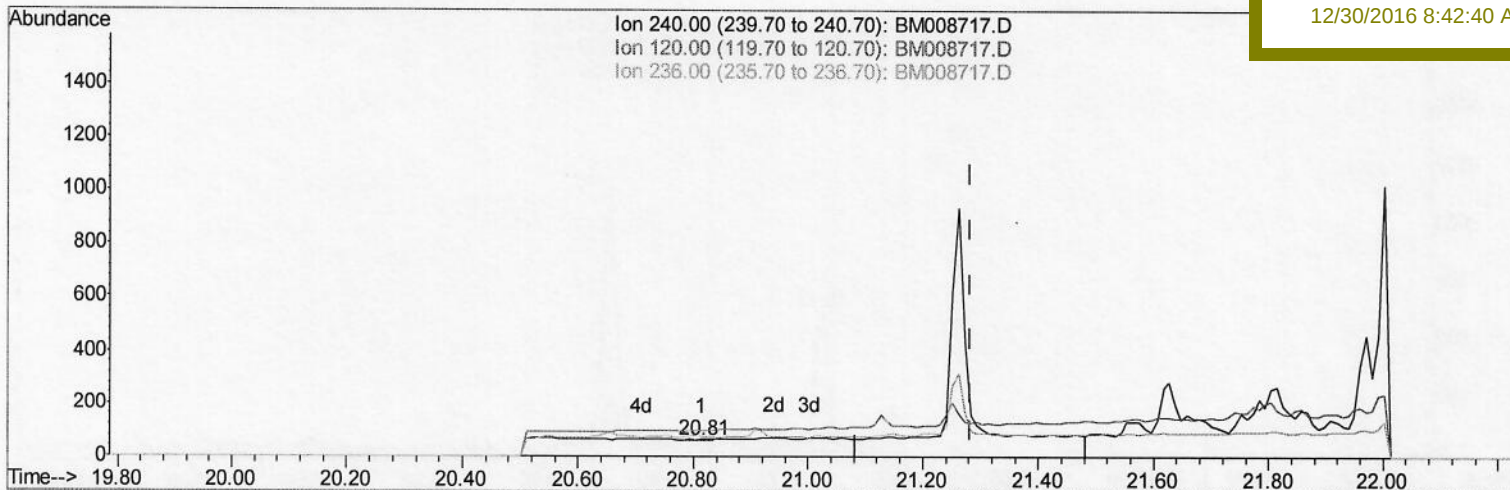
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Manual Integrations  
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TIC: BM008717.D

(16) Chrysene-d12 (I)

20.814min (-0.469) 0.40ng/ul

response 4

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 20.60 | 150.00# |
| 236.00 | 34.90 | 118.75# |
| 0.00   | 0.00  | 0.00    |

## Quantitation Report (Qedit)

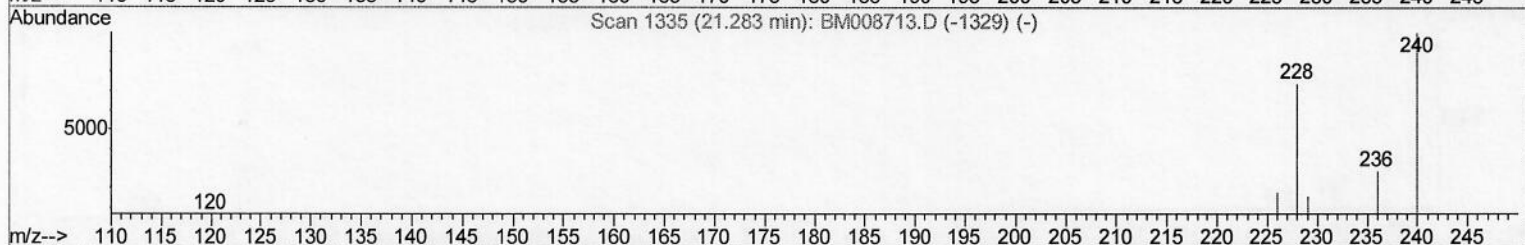
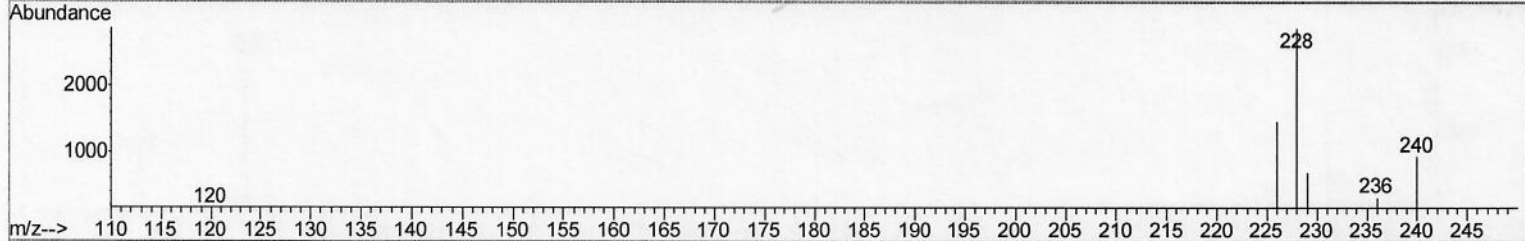
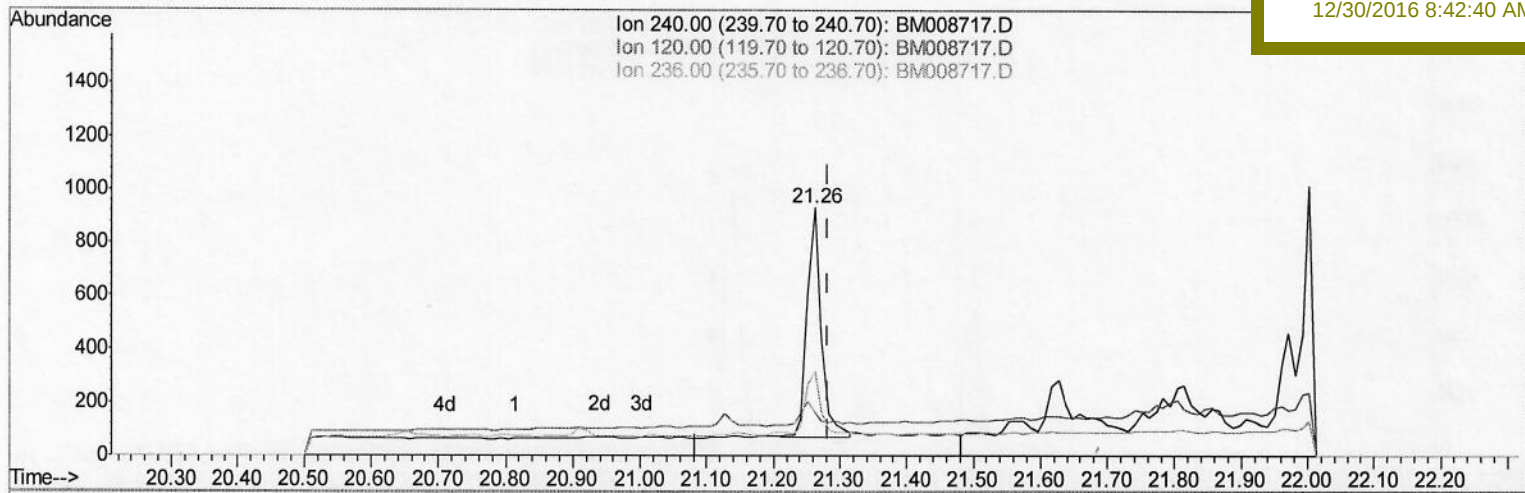
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
Data File : BM008717.D  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

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Manual Integrations  
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TIC: BM008717.D

(16) Chrysene-d12 (I)

21.262min (-0.021) 0.40ng/ul m

response 1283

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.60 | 17.24 |
| 236.00 | 34.90 | 33.51 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

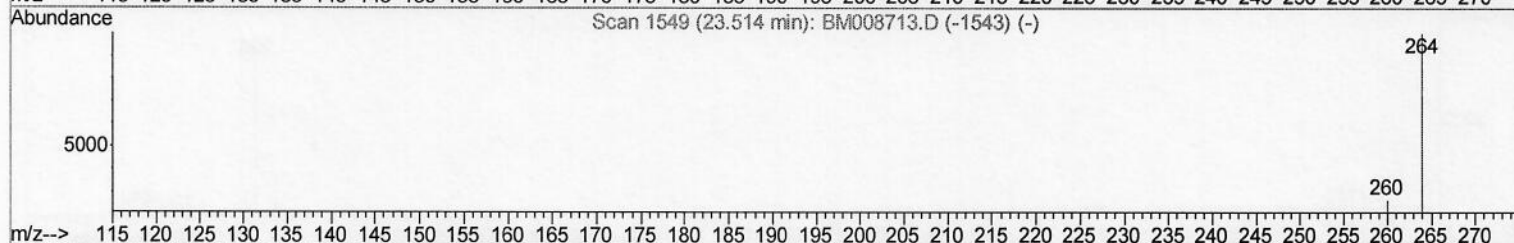
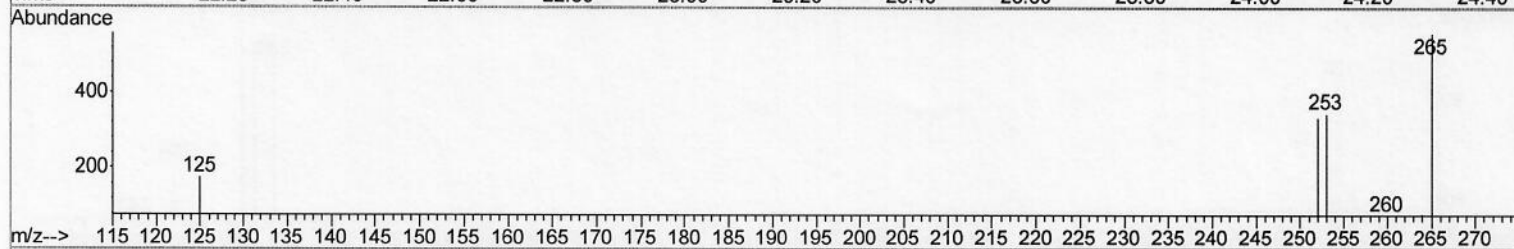
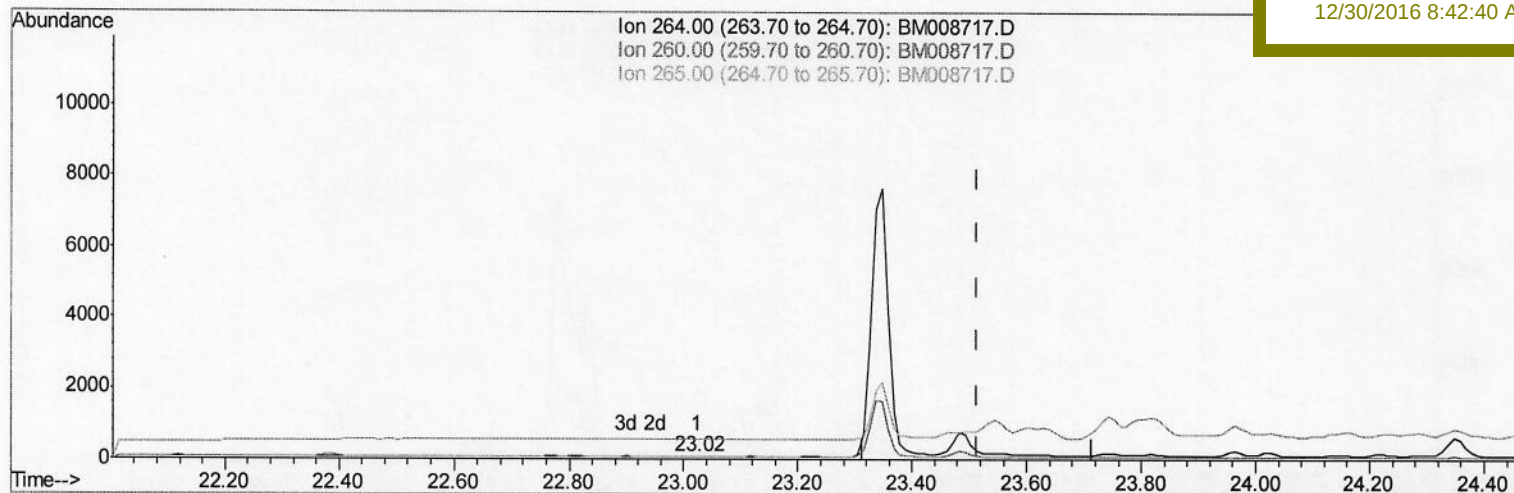
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**Manual Integrations**  
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(20) Perylene-d12 (I)  
 23.024min (-0.490) 0.40ng/ul  
 response 12

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100    | 100     |
| 260.00 | 30.10  | 95.00#  |
| 265.00 | 103.50 | 697.50# |
| 0.00   | 0.00   | 0.00    |

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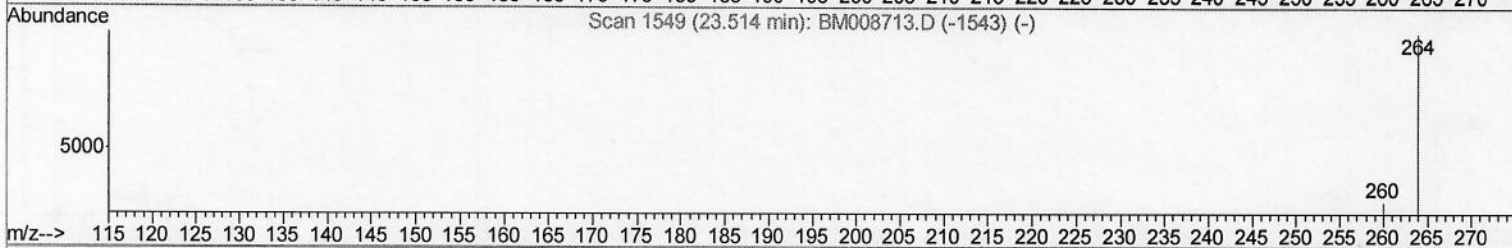
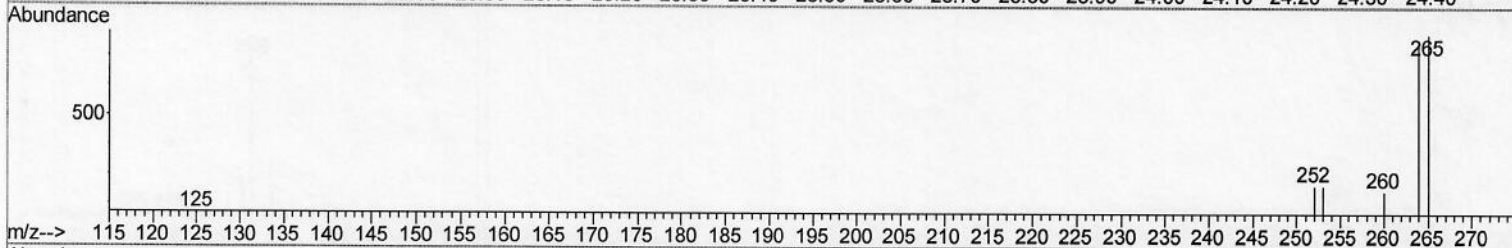
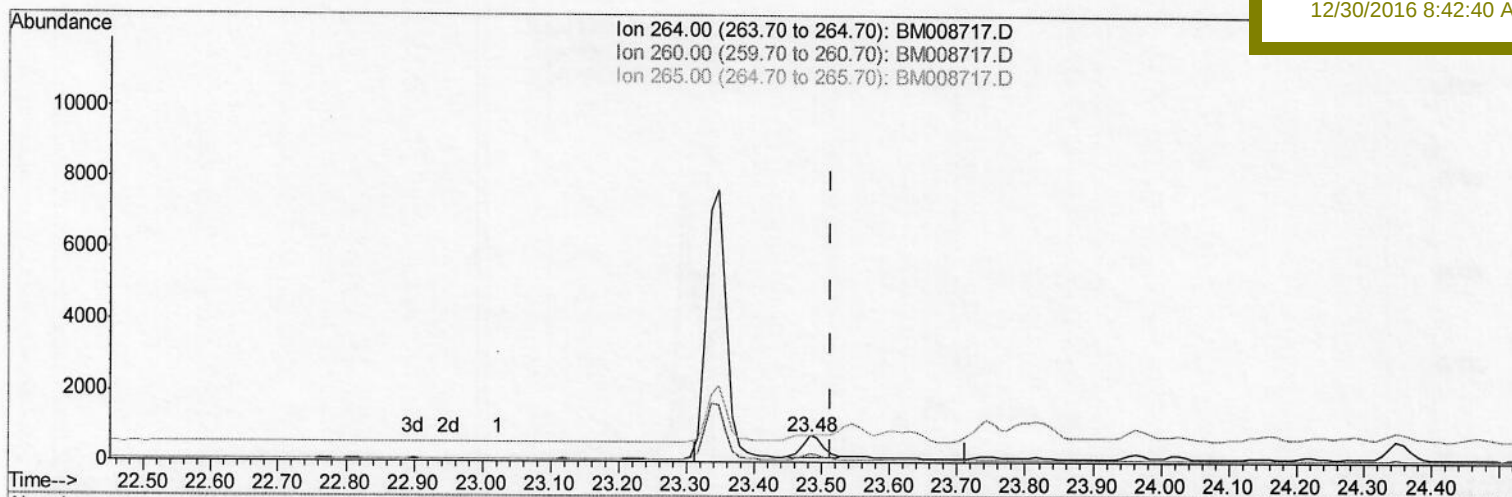
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Manual Integrations  
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(20) Perylene-d12 (I)

23.483min (-0.031) 0.40ng/ul m

response 1265

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| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 32.80  |
| 265.00 | 103.50 | 103.04 |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

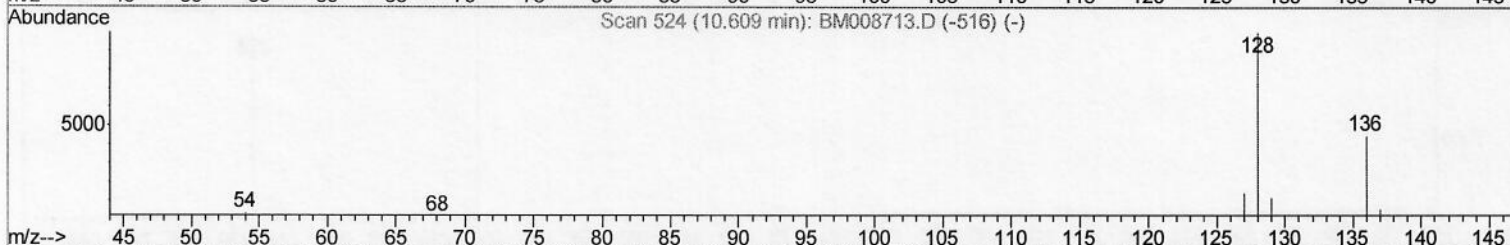
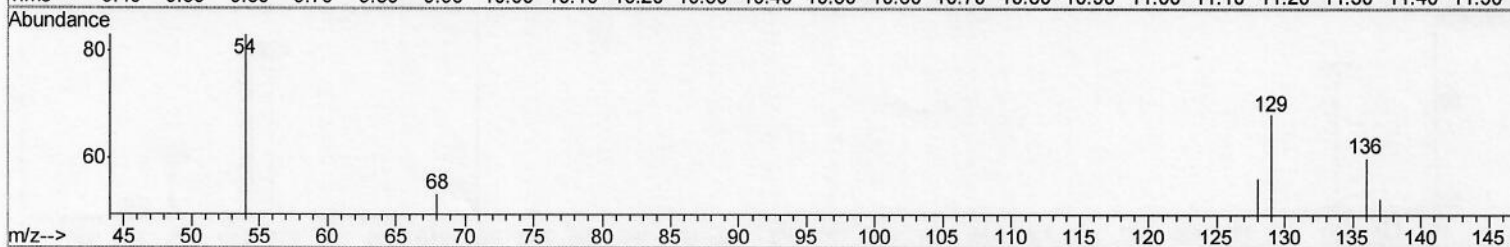
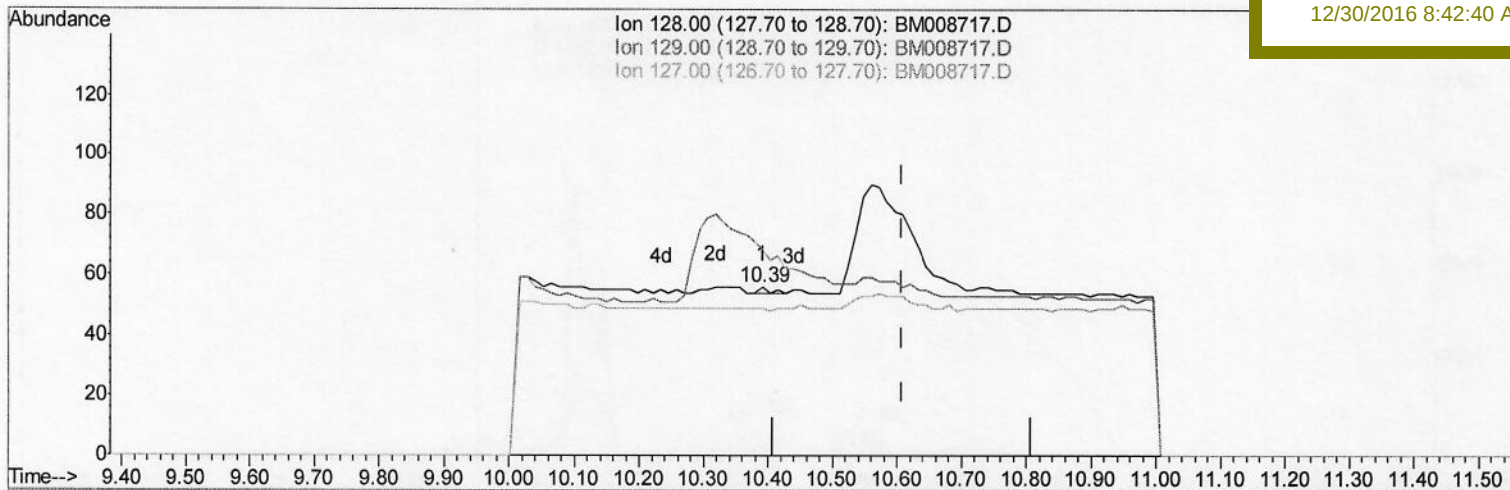
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(3) Naphthalene

10.391min (-0.218) 0.00ng/ul

response 2

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 128.00 | 100   | 100     |
| 129.00 | 14.10 | 121.43# |
| 127.00 | 16.00 | 87.50#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

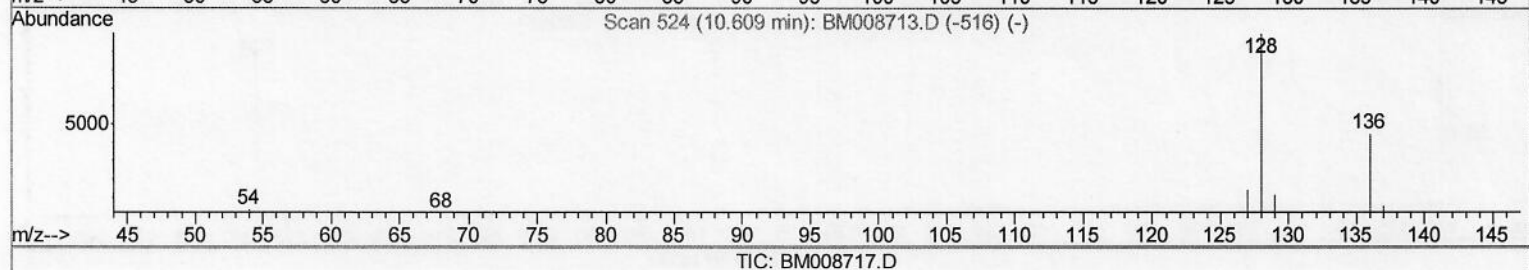
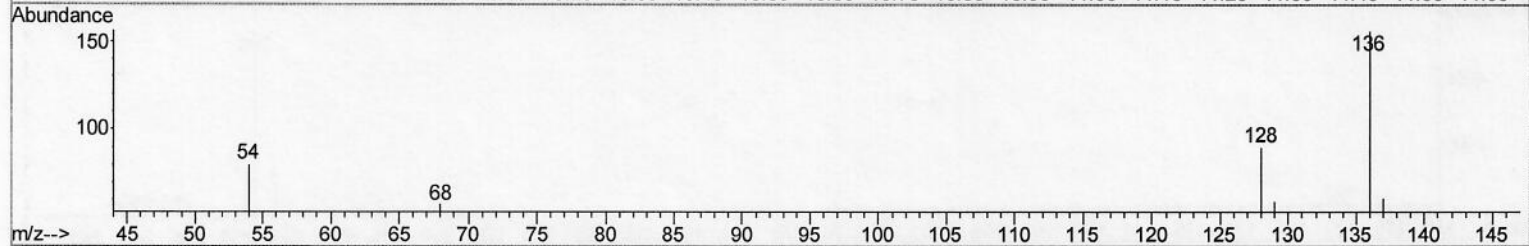
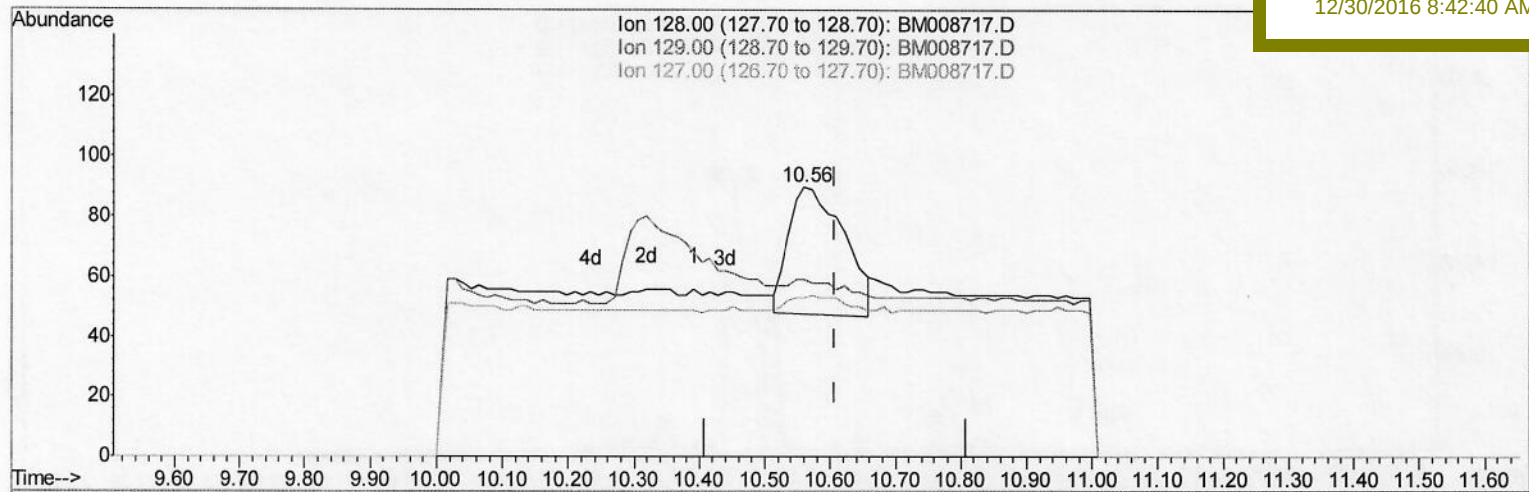
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Manual Integrations  
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(3) Naphthalene

10.561min (-0.048) 0.09ng/ul m

response 253

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 128.00 | 100   | 100    |
| 129.00 | 14.10 | 65.56# |
| 127.00 | 16.00 | 58.89# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

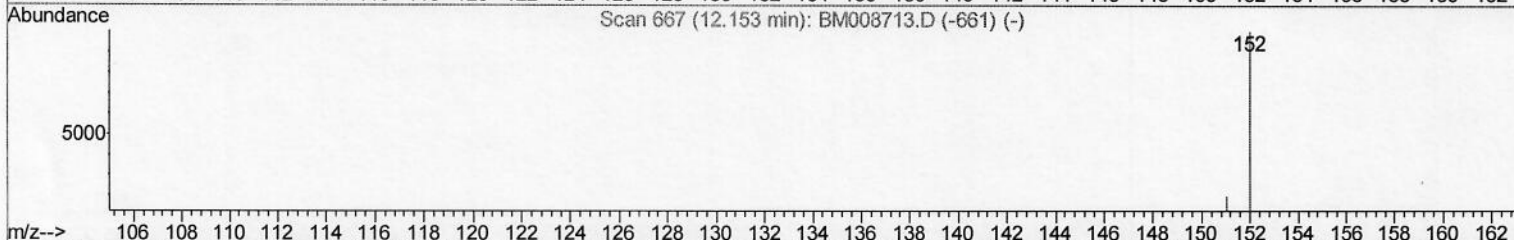
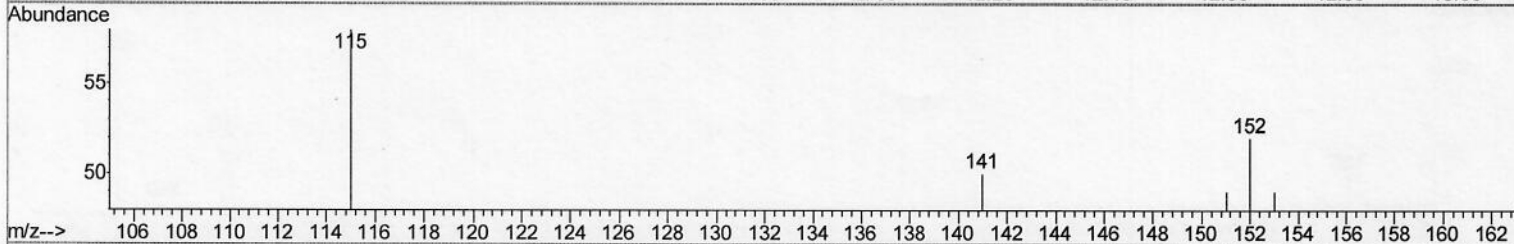
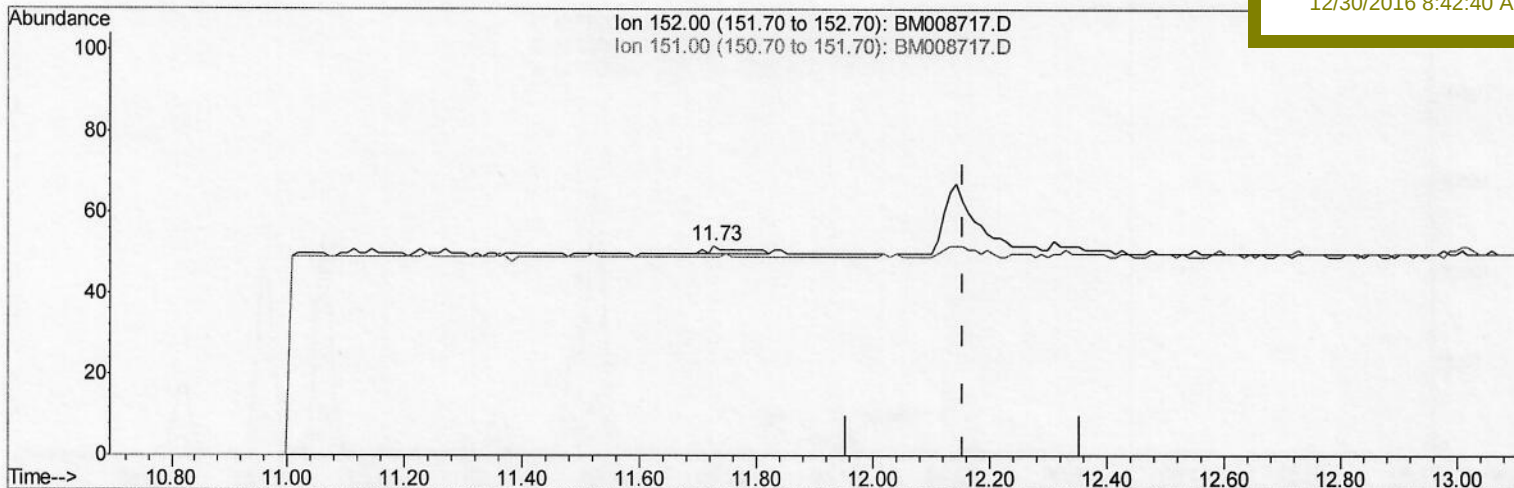
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Manual Integrations  
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TIC: BM008717.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.726min (-0.427) 0.00ng/ul

response 7

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 151.00 | 19.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

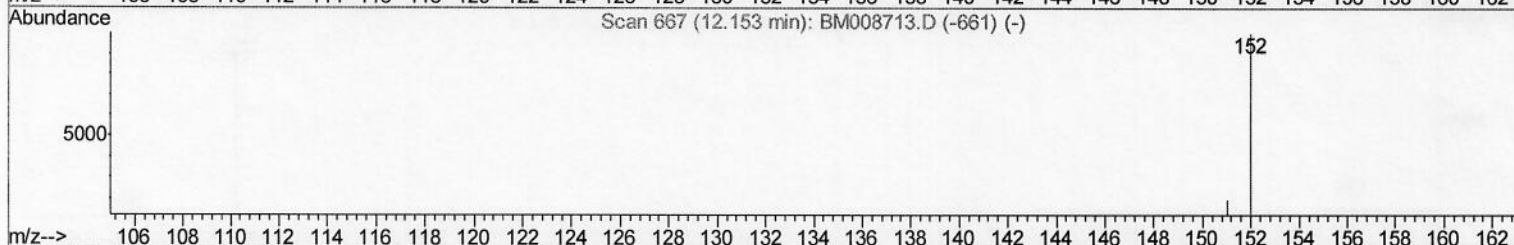
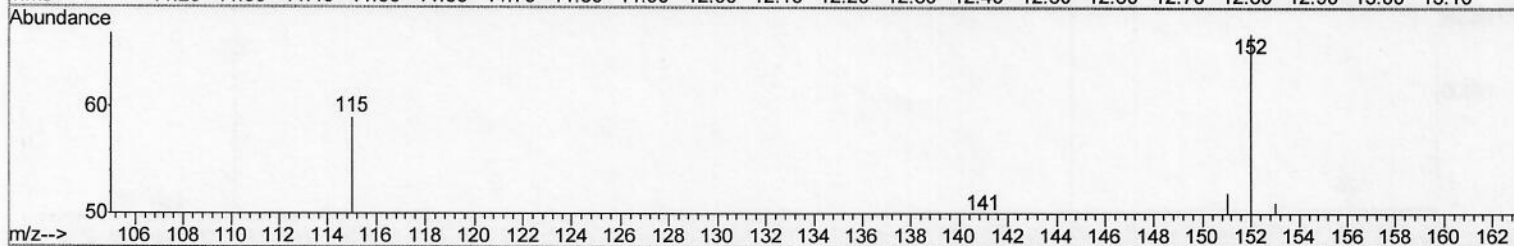
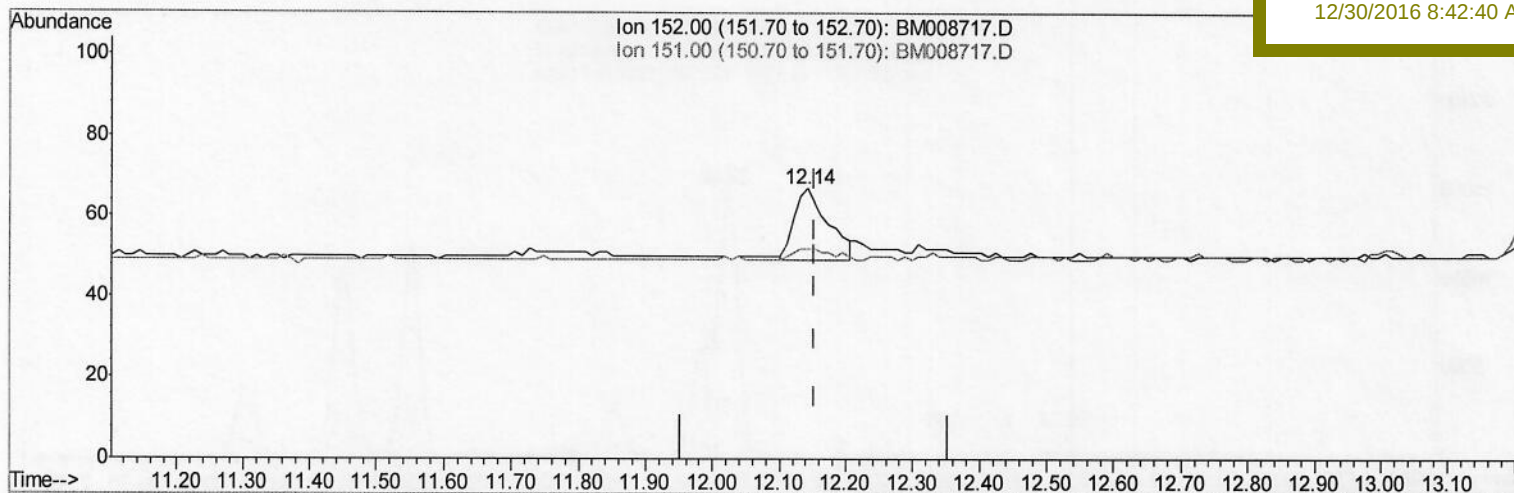
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.143min (-0.010) 0.04ng/ul m

response 64

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 151.00 | 19.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

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 12/30/16

# Quantitation Report (Qedit)

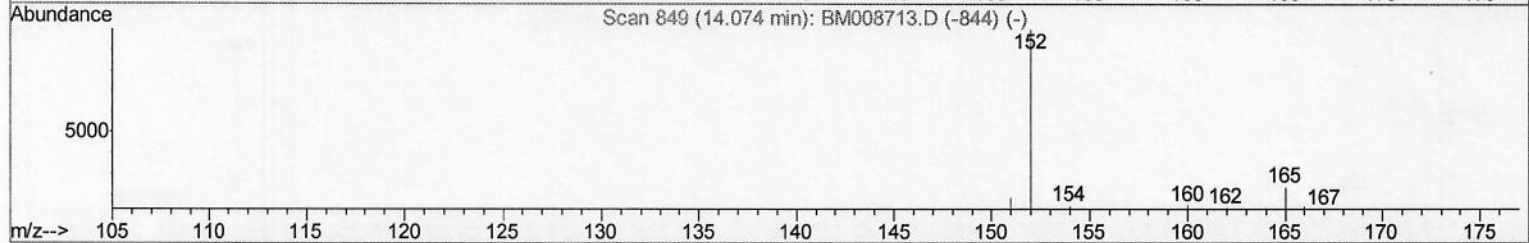
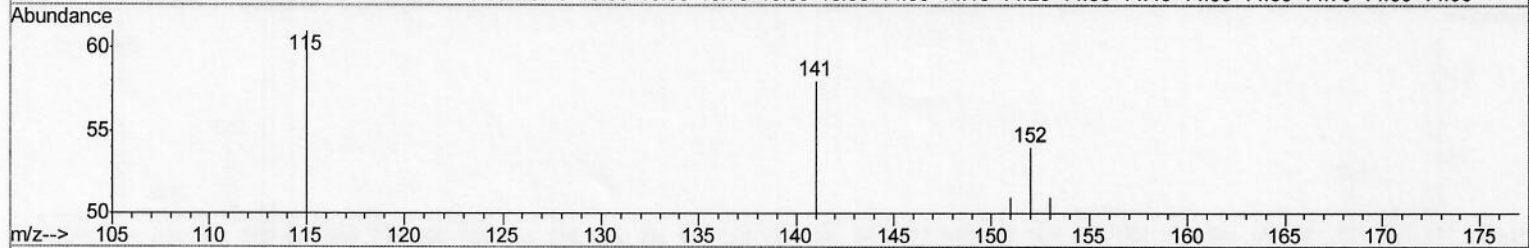
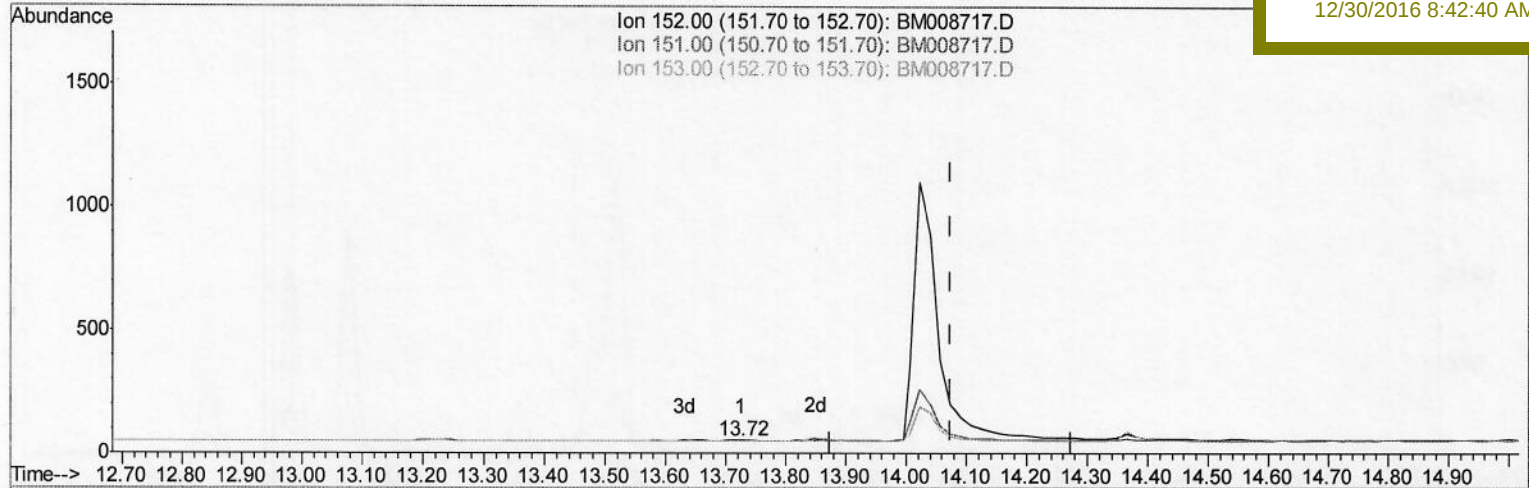
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(7) Acenaphthylene  
 13.725min (-0.349) 0.00ng/ul  
 response 9

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 152.00 | 100   | 100    |
| 151.00 | 21.40 | 94.44# |
| 153.00 | 16.00 | 94.44# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

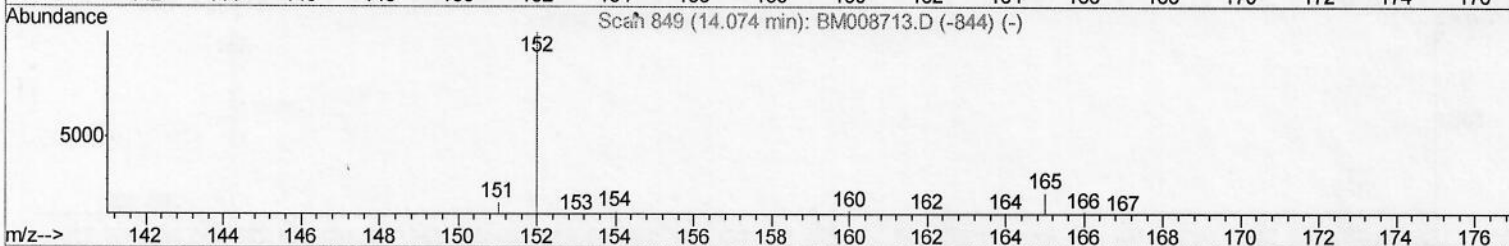
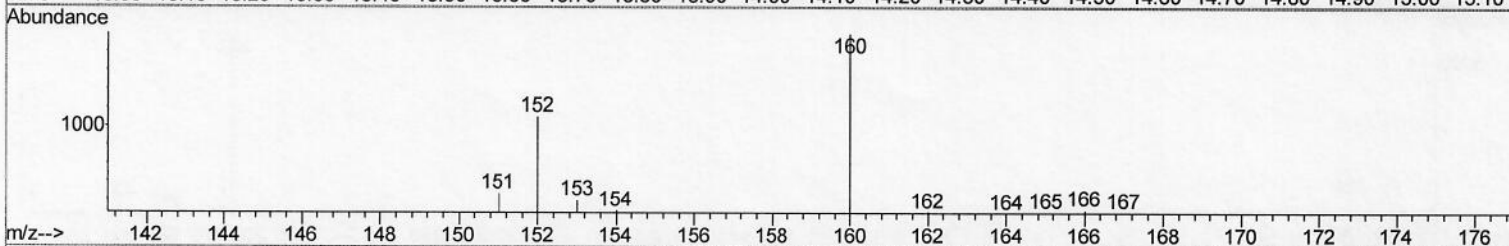
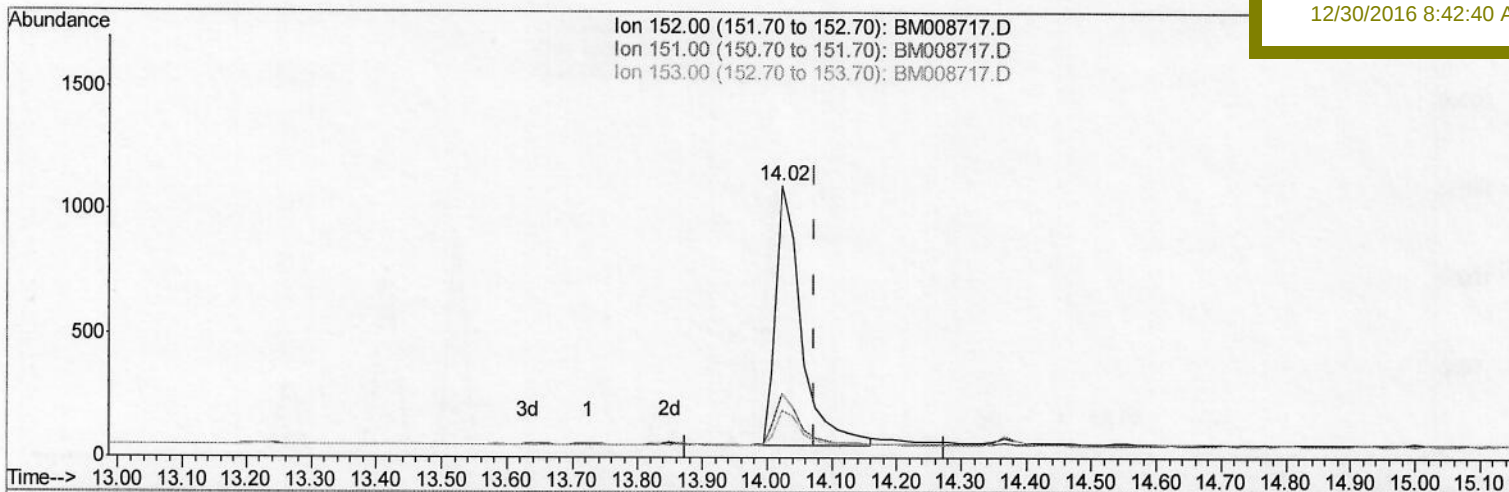
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(7) Acenaphthylene

14.023min (-0.051) 0.91ng/ul m

response 2811

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*12/30/16*

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 151.00 | 21.40 | 23.84 |
| 153.00 | 16.00 | 17.11 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

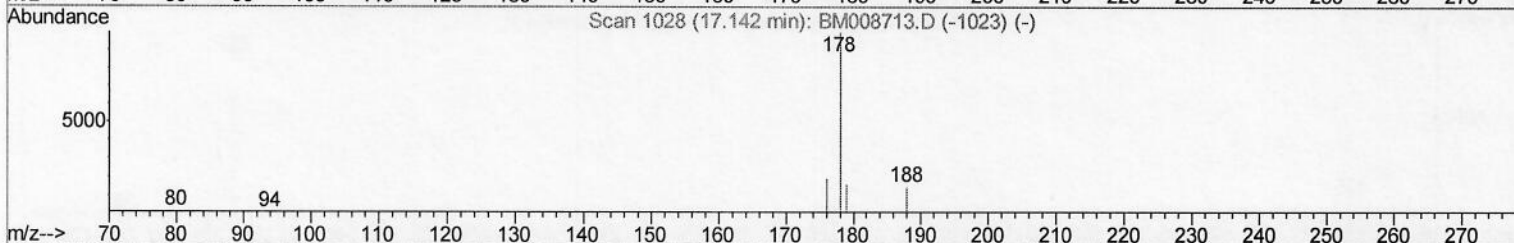
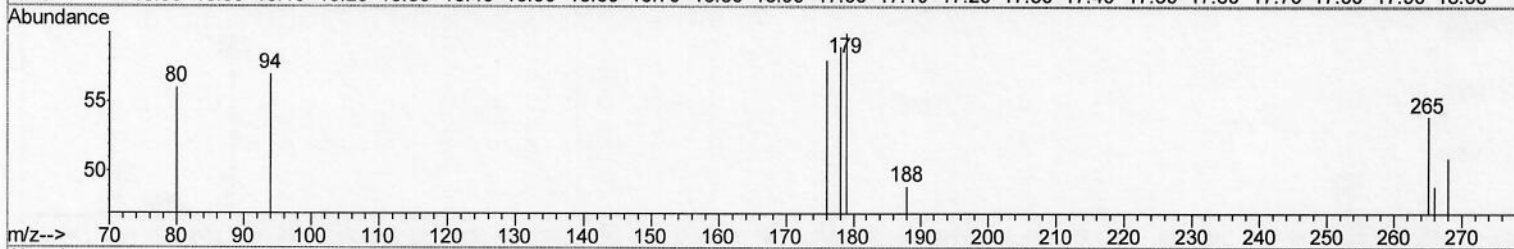
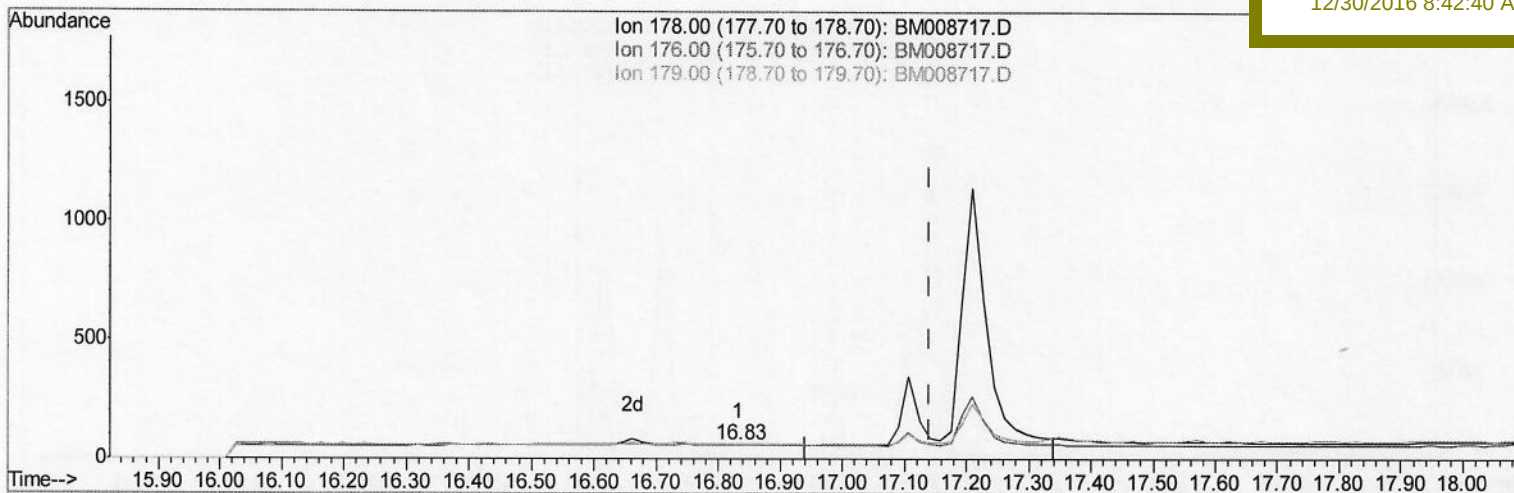
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
Data File : BM008717.D  
Acq On : 29 Dec 2016 13:03  
Operator : UM/SJ  
Sample : H6067-10DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 30 00:54:22 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(12) Phenanthrene

16.833min (-0.309) 0.00ng/ul

response 12

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 176.00 | 23.00 | 98.31#  |
| 179.00 | 17.00 | 101.69# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

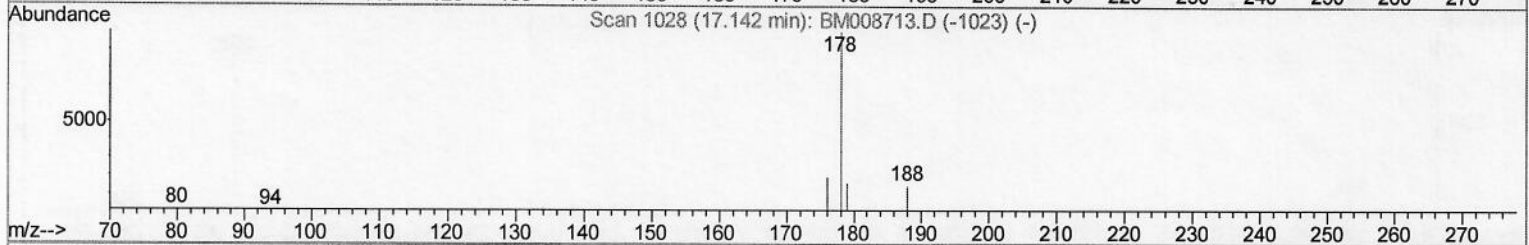
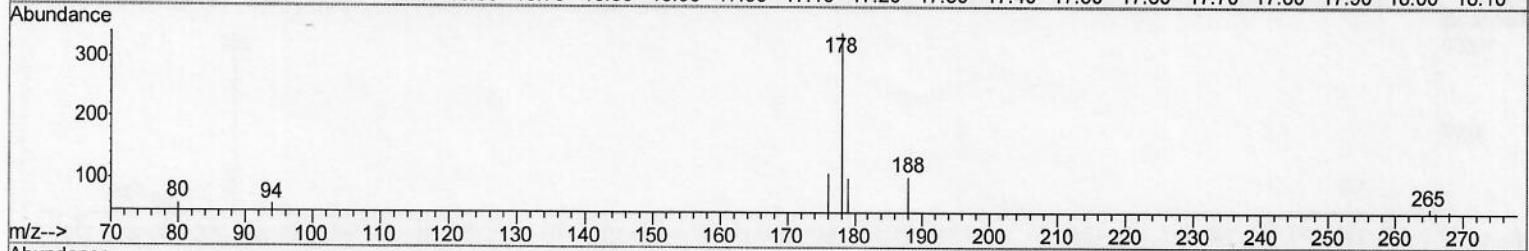
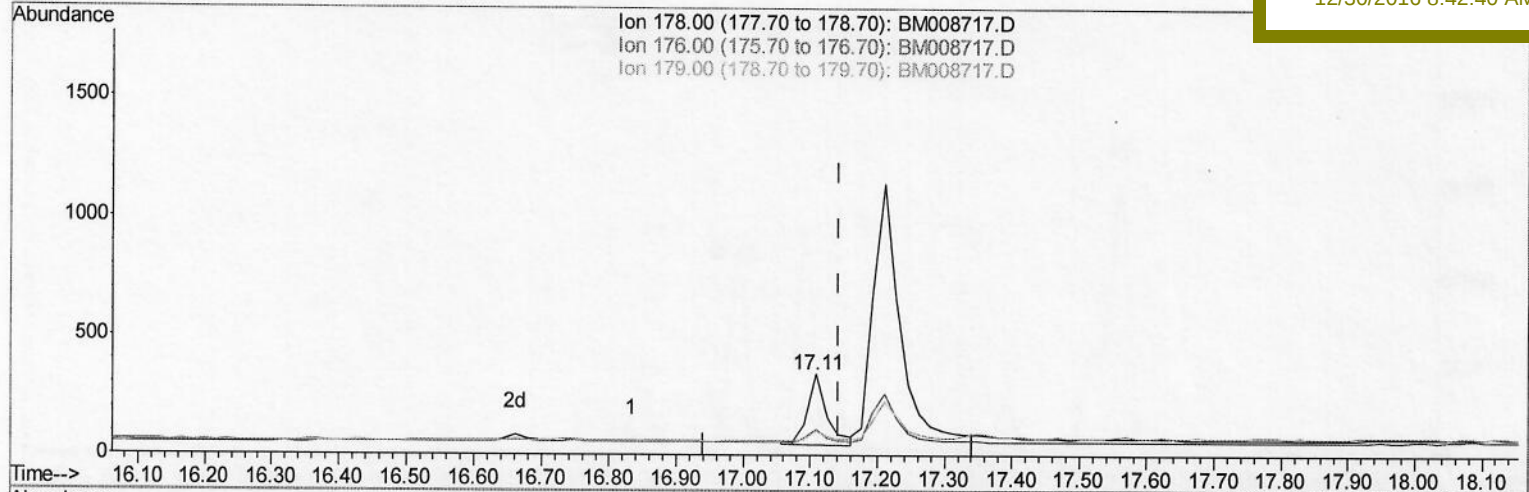
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Manual Integrations  
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TIC: BM008717.D

(12) Phenanthrene

17.108min (-0.034) 0.17ng/ul m

response 599

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*12/30/16*

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 23.00 | 32.16# |
| 179.00 | 17.00 | 29.82# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

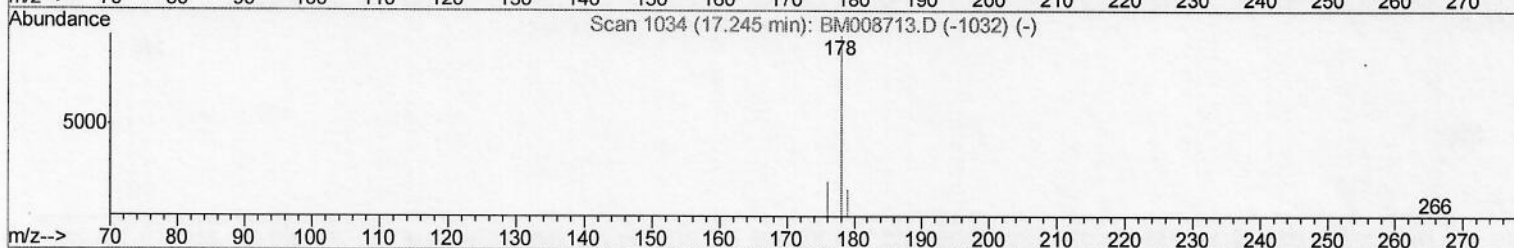
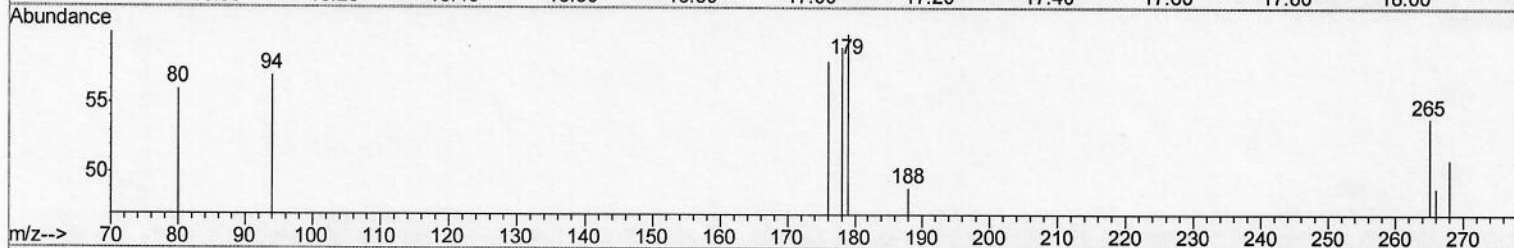
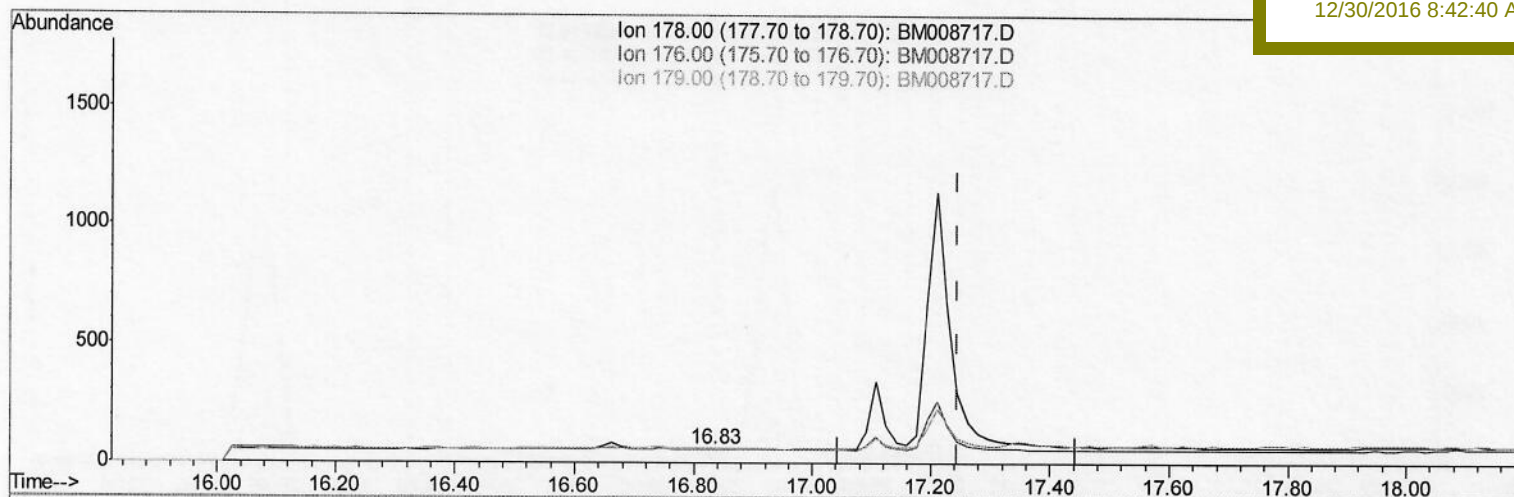
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(13) Anthracene

16.833min (-0.412) 0.00ng/ui

response 13

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 176.00 | 22.60 | 98.31#  |
| 179.00 | 18.40 | 101.69# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

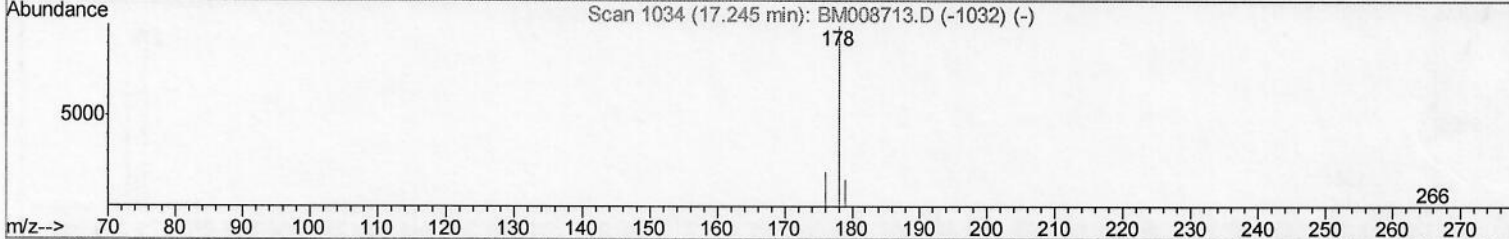
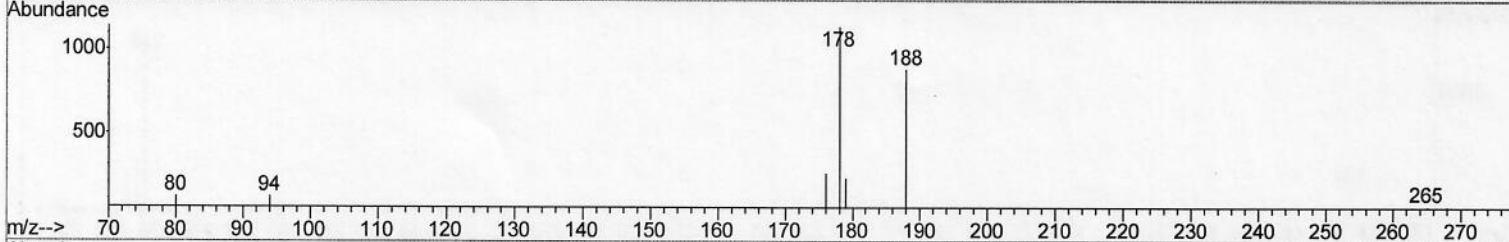
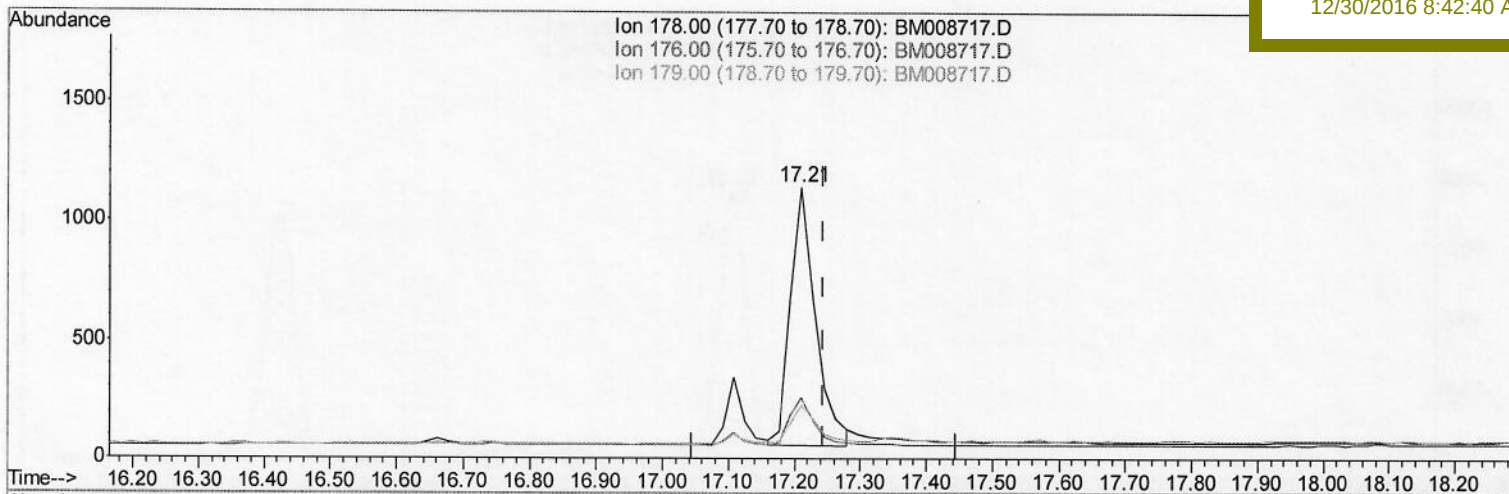
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7G1DL

**Manual Integrations**  
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TIC: BM008717.D

(13) Anthracene

17.211min (-0.034) 0.84ng/ul m

response 2891

*SJ*  
*12/30/16*

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 176.00 | 22.60 | 22.68 |
| 179.00 | 18.40 | 20.14 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

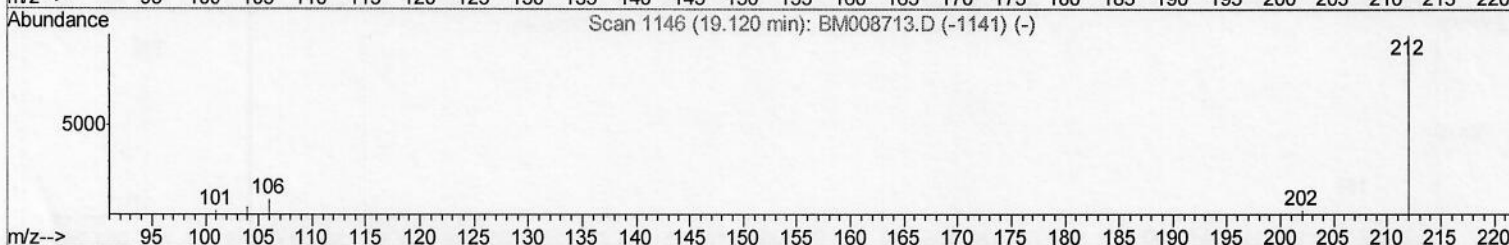
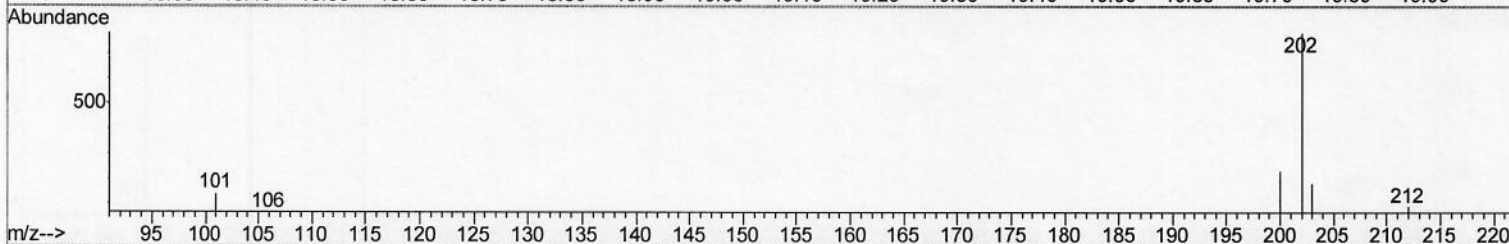
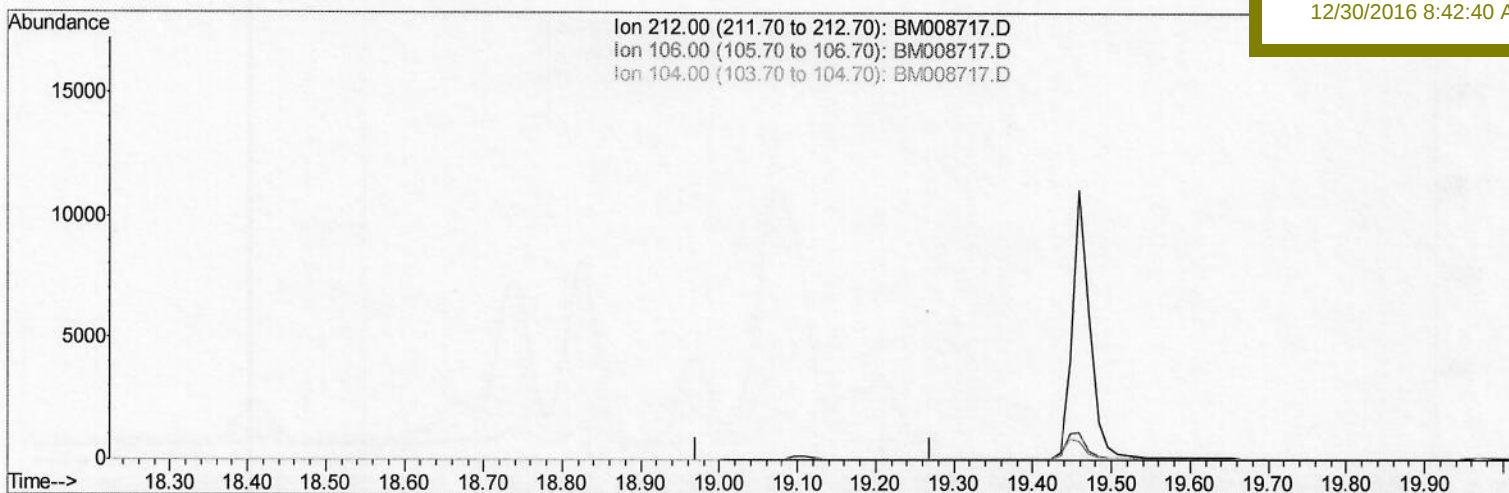
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
Data File : BM008717.D  
Acq On : 29 Dec 2016 13:03  
Operator : UM/SJ  
Sample : H6067-10DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 30 00:54:22 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(14) Fluoranthene-d10 (SURR)

19.120min (-19.120) 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)

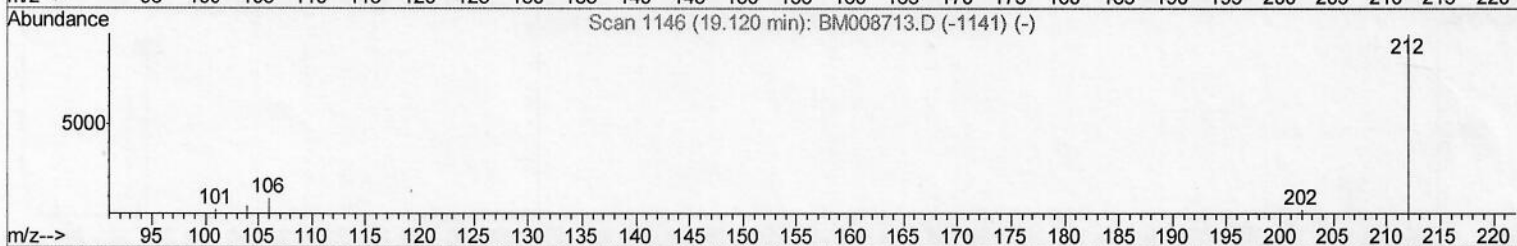
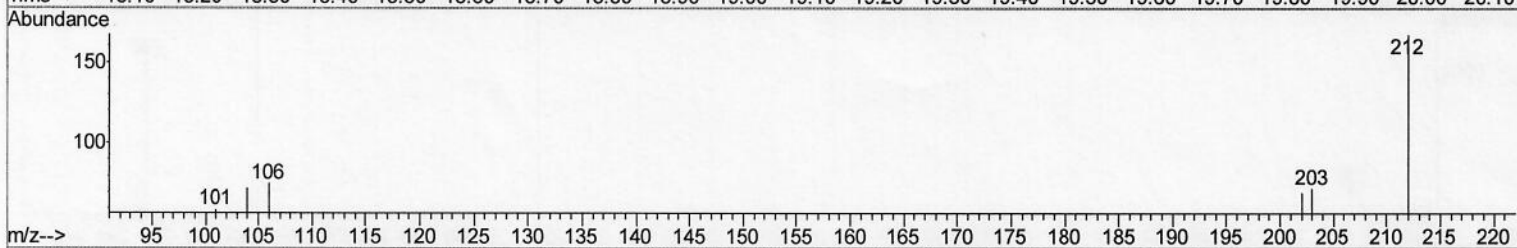
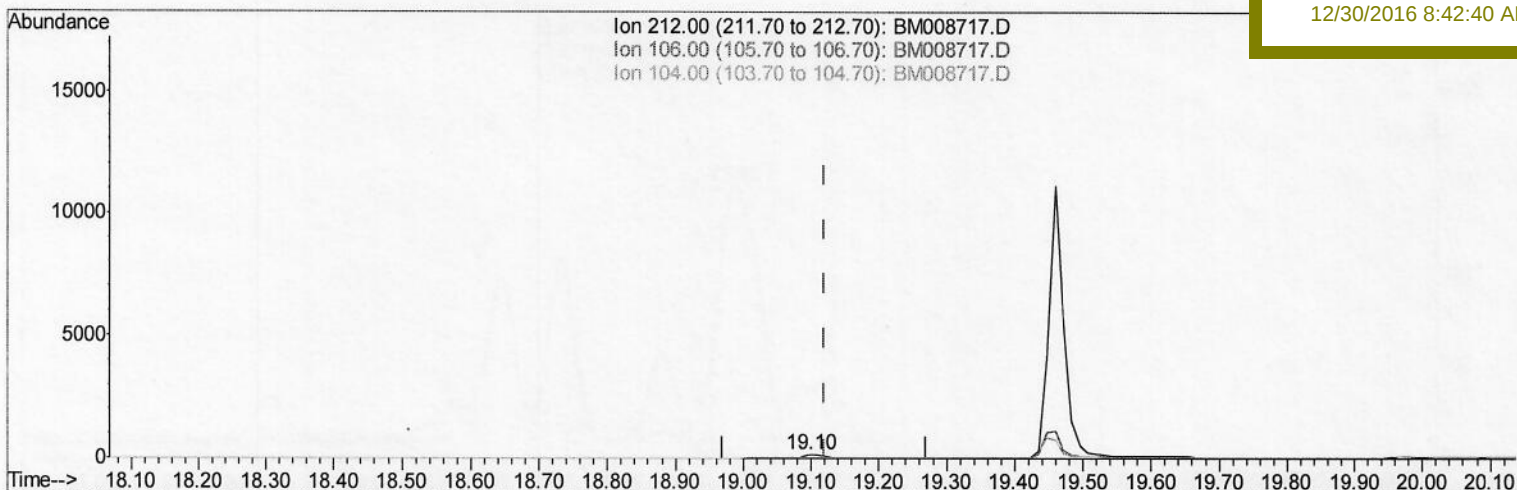
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(14) Fluoranthene-d10 (SURR)

19.096min (-0.024) 0.07ng/ul m

response 237

| 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  |

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 12/30/16

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

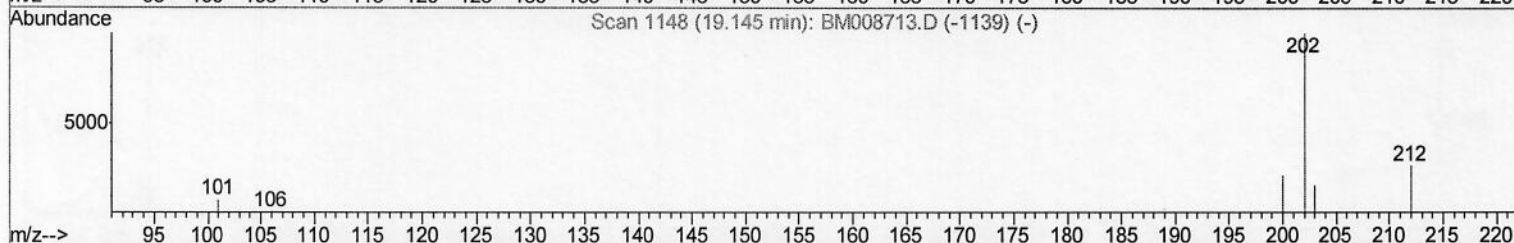
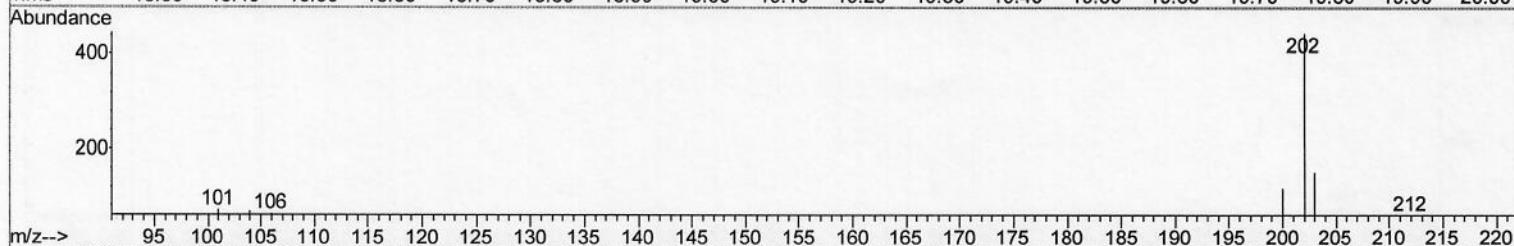
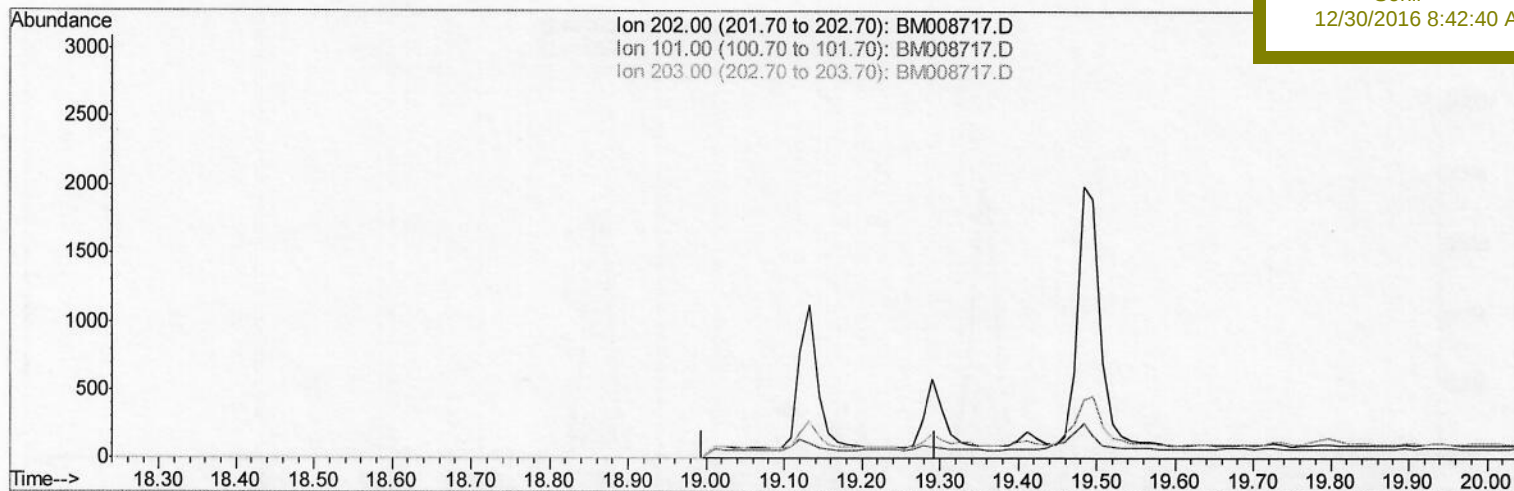
DA7G1DL

Manual Integrations

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TIC: BM008717.D

(15) Fluoranthene (C)

19.145min (-19.145) 0.00ng/ul

response 0

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 202.00 | 100   | 0.00 |
| 101.00 | 10.30 | 0.00 |
| 203.00 | 19.50 | 0.00 |
| 0.00   | 0.00  | 0.00 |

# Quantitation Report (Qedit)

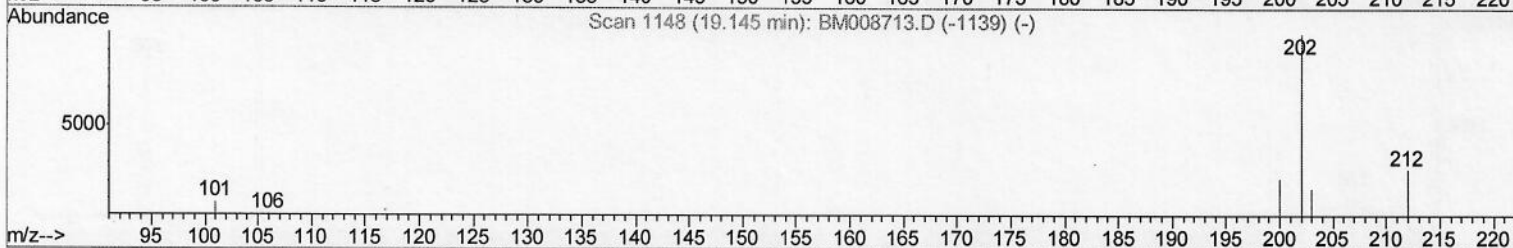
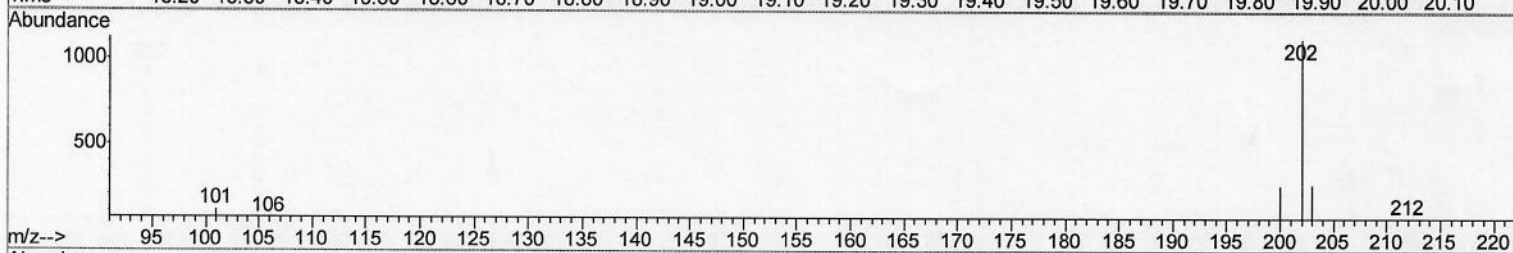
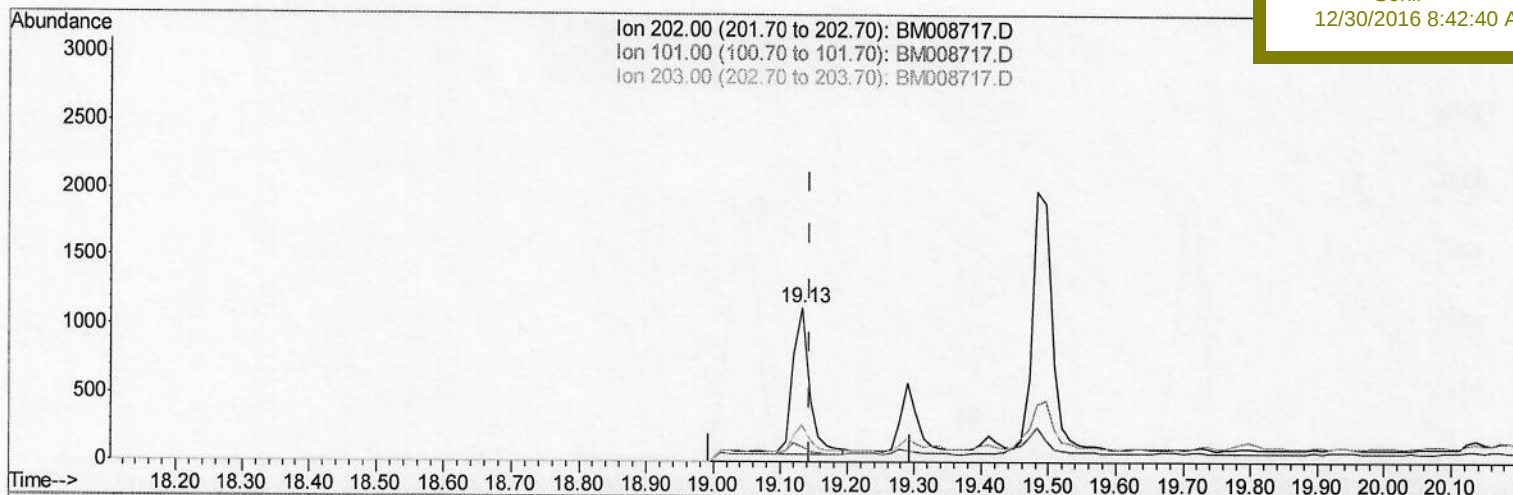
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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 12/30/2016 8:42:40 AM



TIC: BM008717.D

(15) Fluoranthene (C)

19.133min (-0.012) 0.43ng/ul m

response 1841

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 9.69  |
| 203.00 | 19.50 | 23.82 |
| 0.00   | 0.00  | 0.00  |

SJ  
 12/30/16

# Quantitation Report (Qedit)

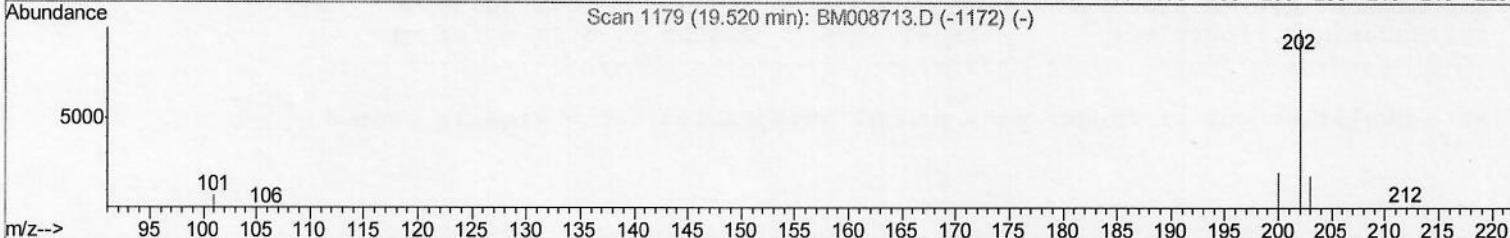
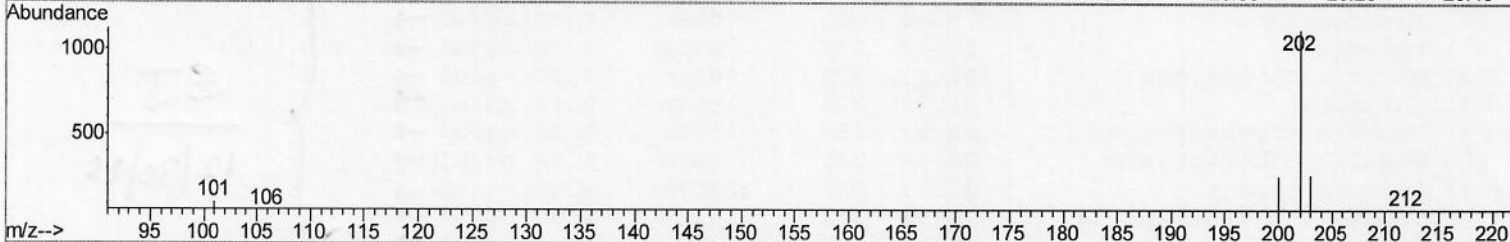
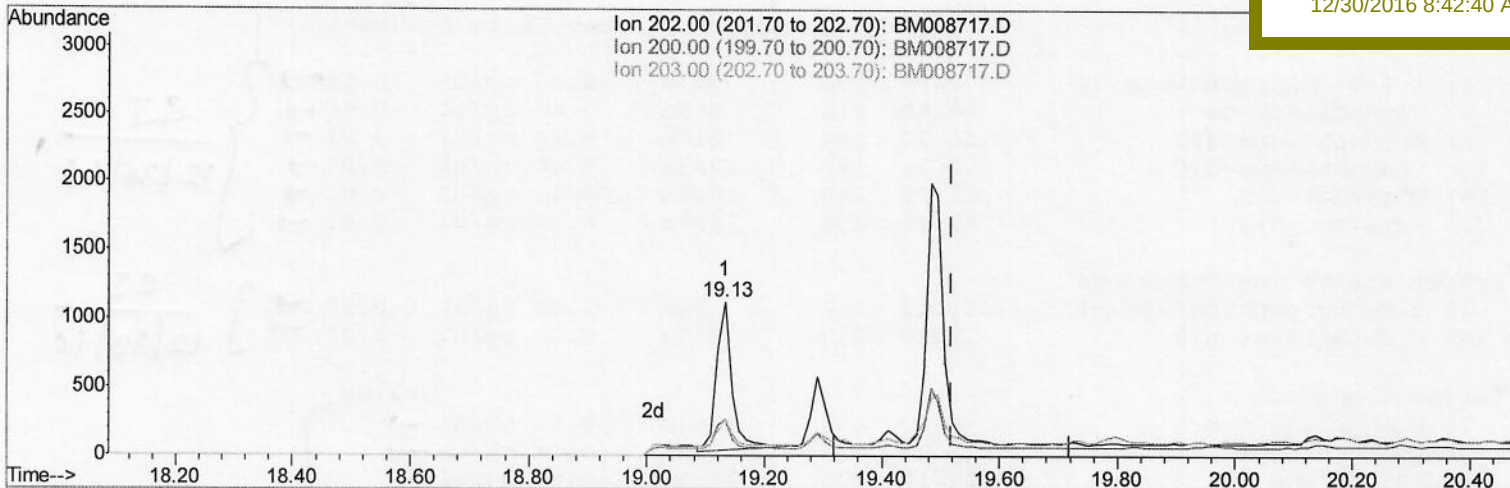
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(17) Pyrene

19.133min (-0.387) 0.40ng/ul

response 1992

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 200.00 | 22.80 | 23.38  |
| 203.00 | 19.50 | 23.82# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

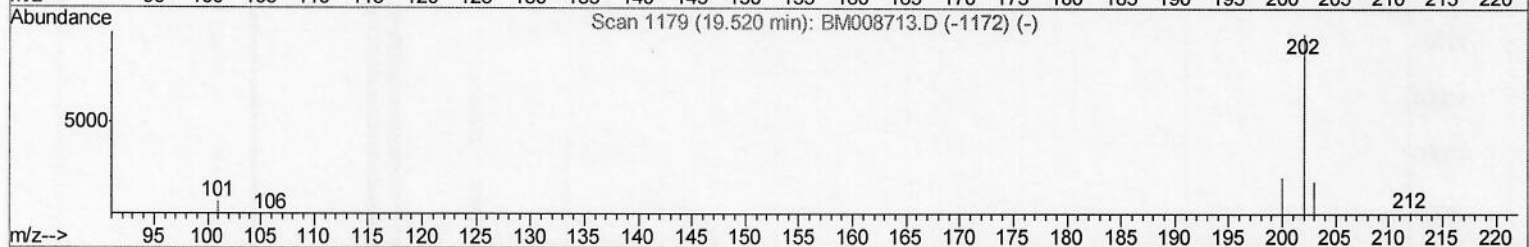
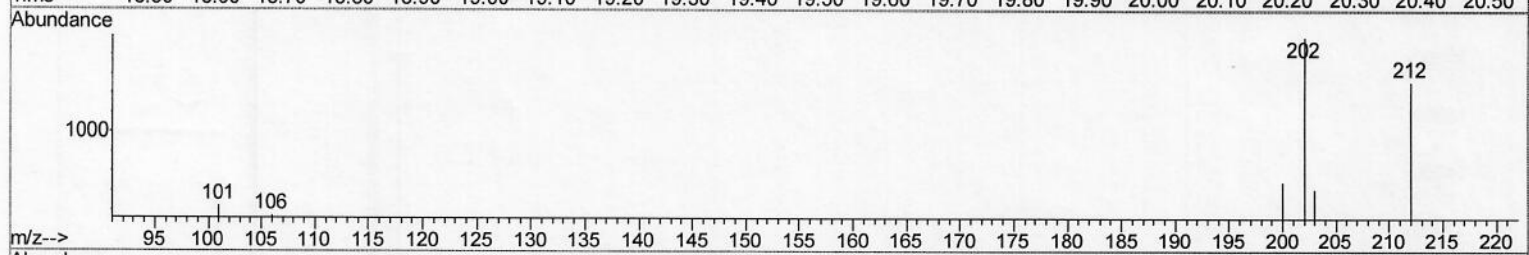
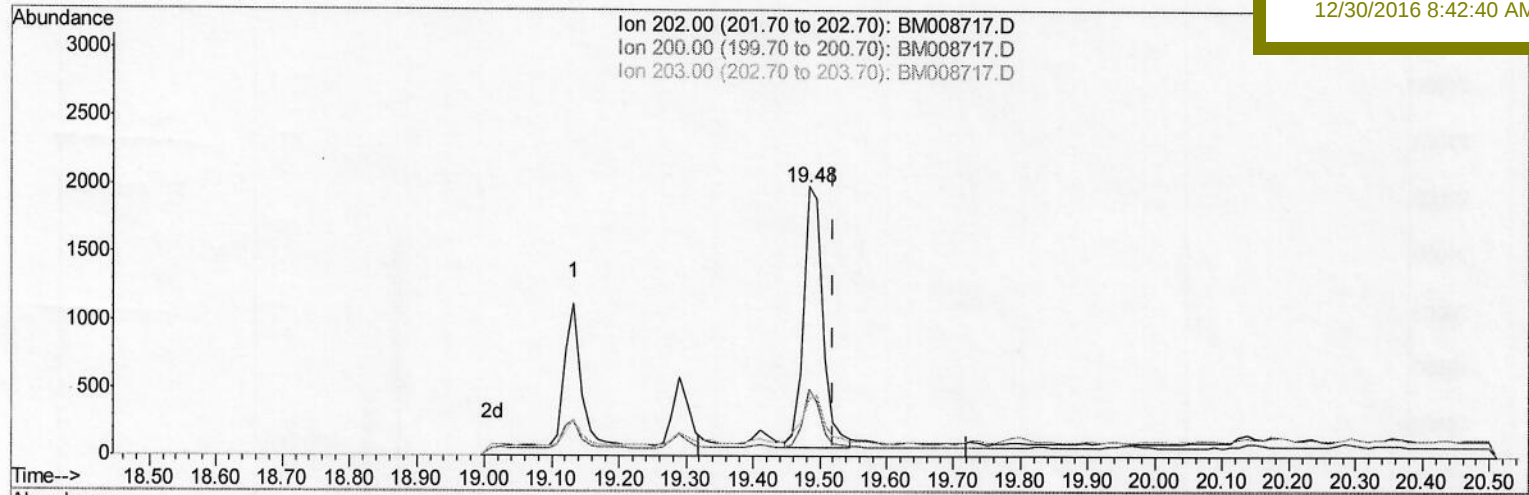
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(17) Pyrene

19.484min (-0.036) 0.79ng/ul m

response 3932

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 200.00 | 22.80 | 25.00 |
| 203.00 | 19.50 | 21.18 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

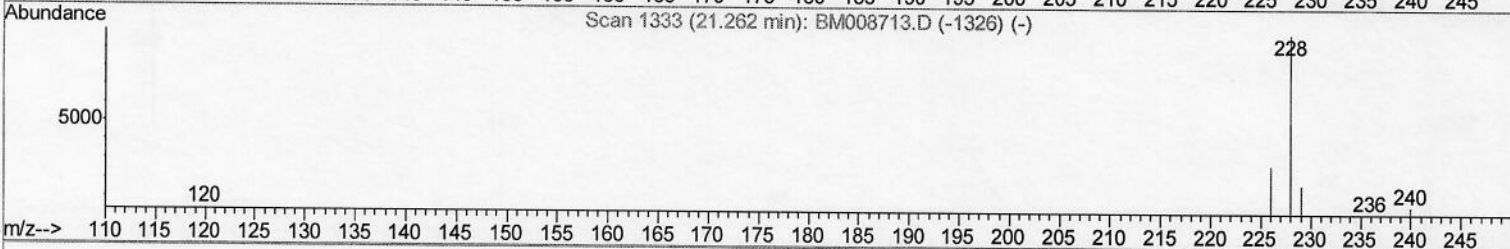
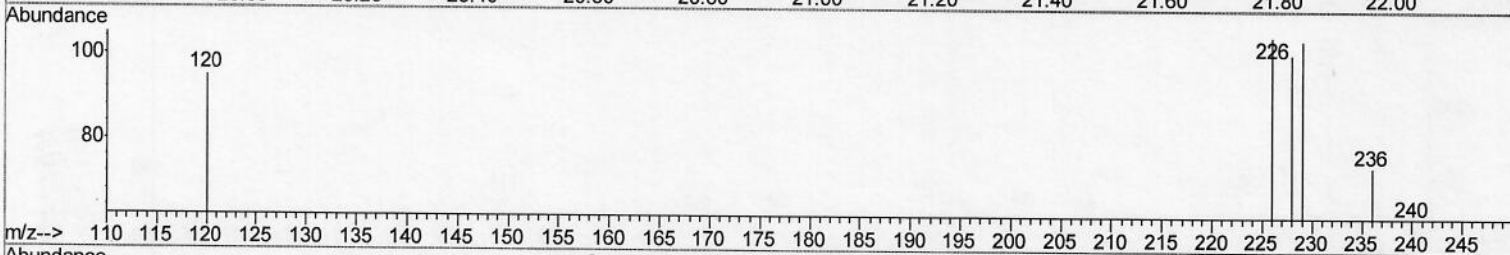
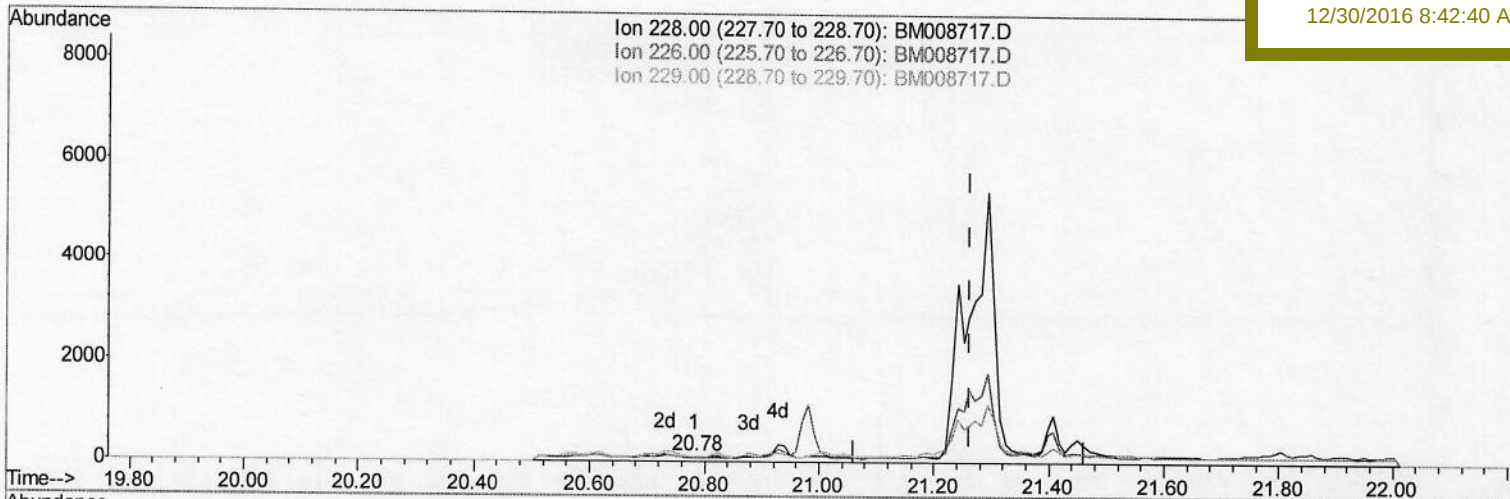
DA7G1DL

Manual Integrations

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TIC: BM008717.D

(18) Benzo(a)anthracene

20.783min (-0.479) 0.02ng/ul

response 68

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 228.00 | 100   | 100     |
| 226.00 | 28.50 | 103.96# |
| 229.00 | 21.30 | 102.97# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

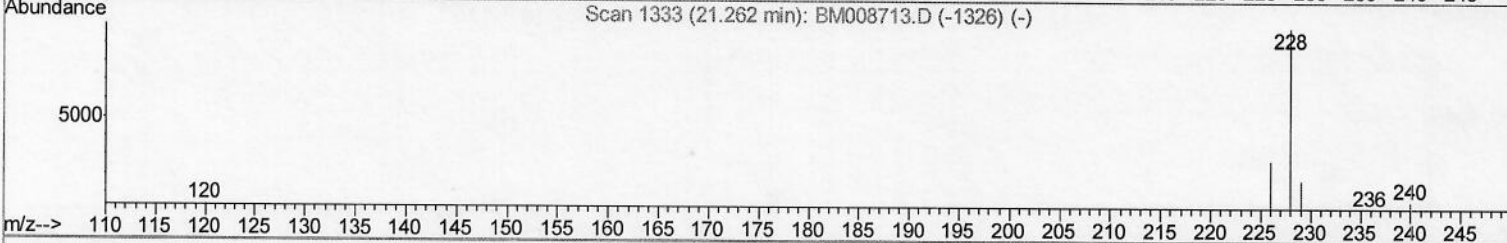
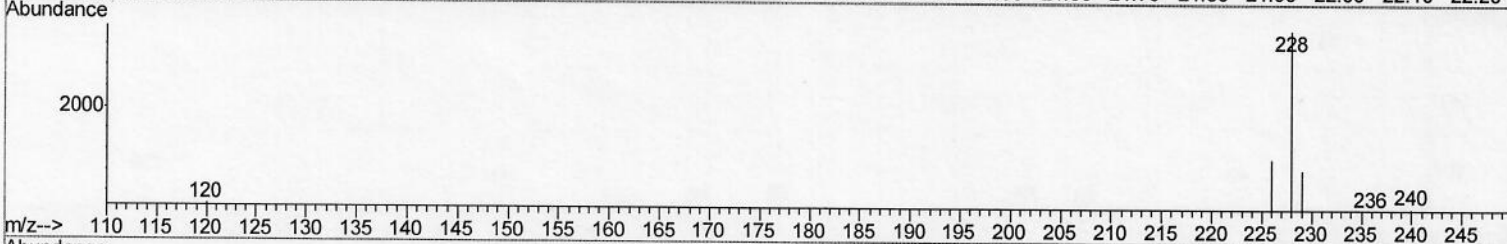
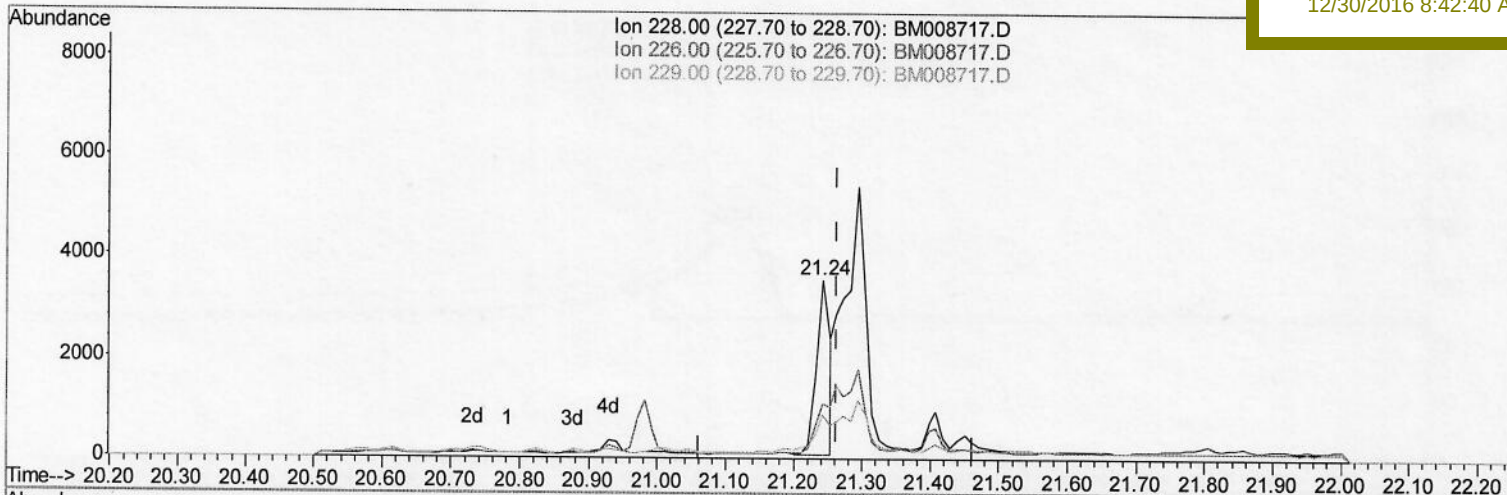
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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(18) Benzo(a)anthracene

21.242min (-0.021) 1.11ng/ul m

response 4697

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*12/30/16*

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 28.50 | 30.53 |
| 229.00 | 21.30 | 24.41 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

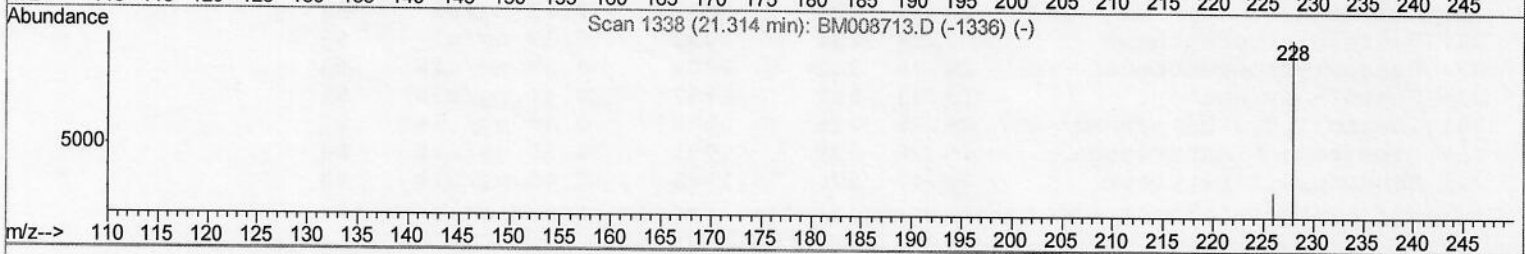
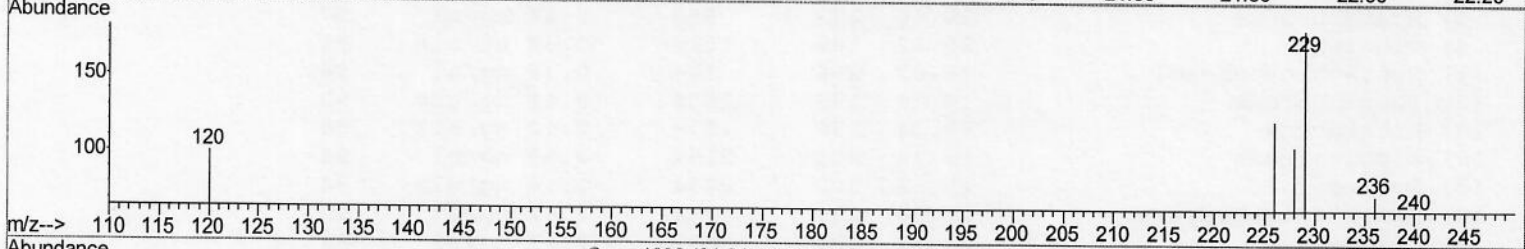
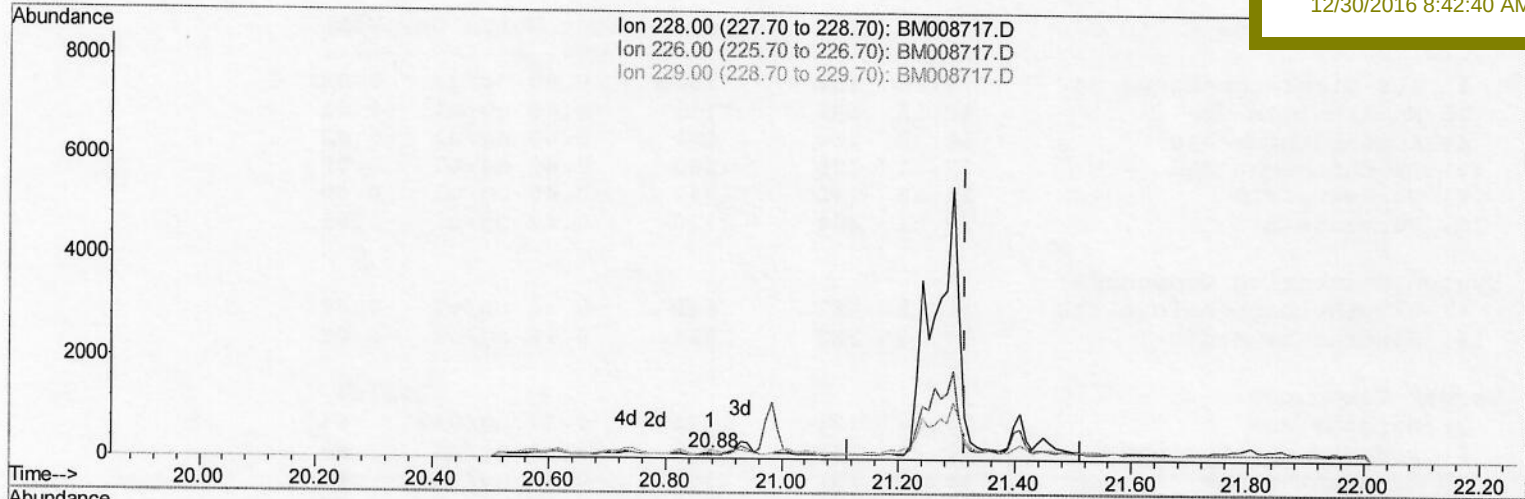
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7G1DL

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

**Manual Integrations**  
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(19) Chrysene

20.877min (-0.438) 0.01ng/ul

response 52

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 228.00 | 100   | 100     |
| 226.00 | 29.20 | 116.04# |
| 229.00 | 22.10 | 171.70# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

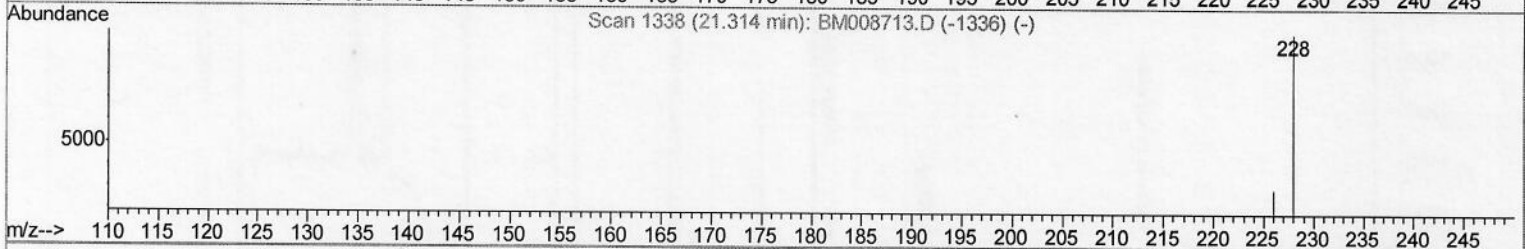
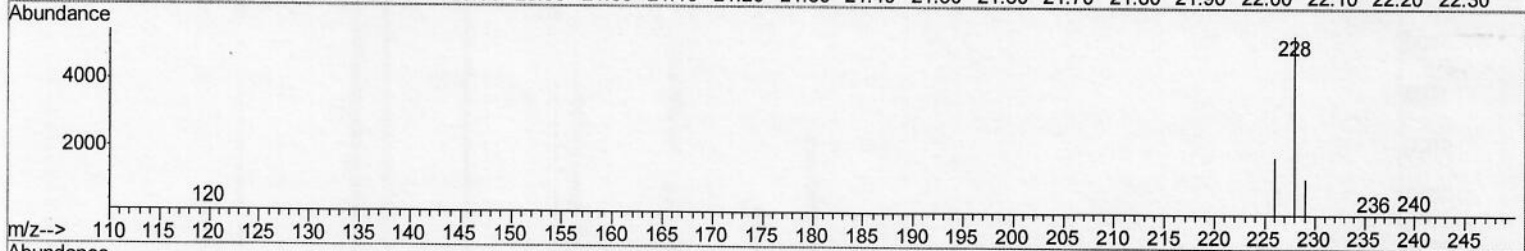
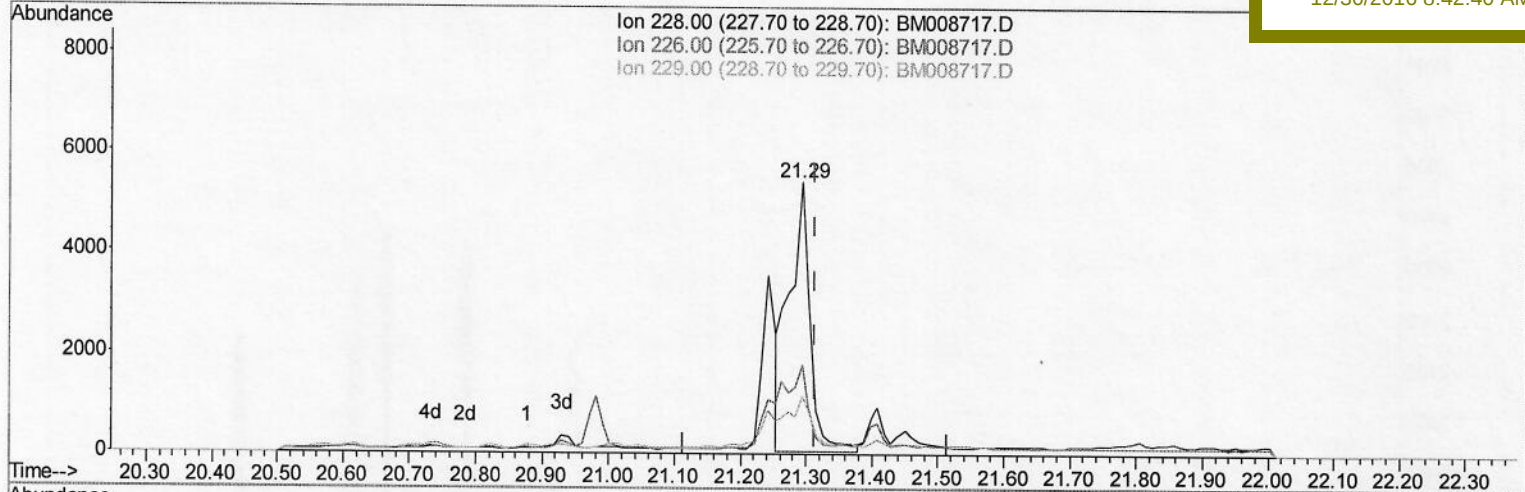
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Manual Integrations  
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TIC: BM008717.D

(19) Chrysene

21.294min (-0.021) 2.67ng/ul m

response 12313

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.20 | 32.67 |
| 229.00 | 22.10 | 21.32 |
| 0.00   | 0.00  | 0.00  |

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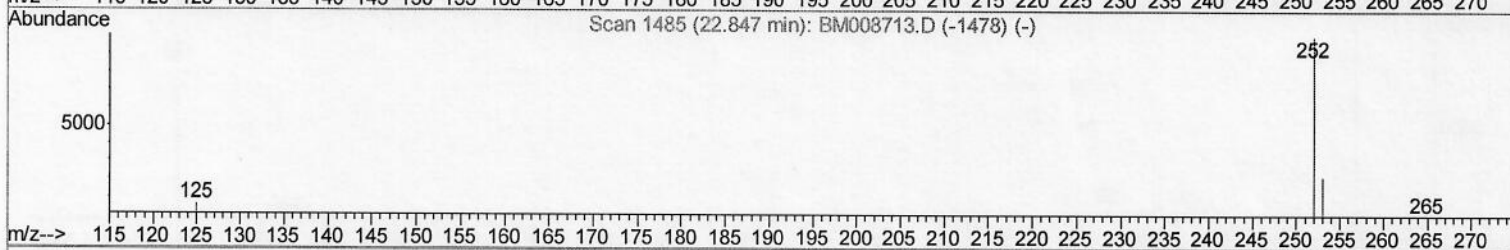
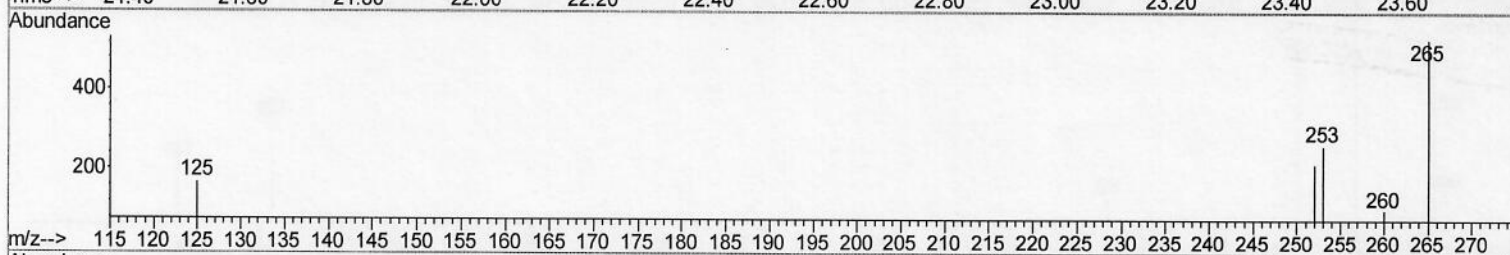
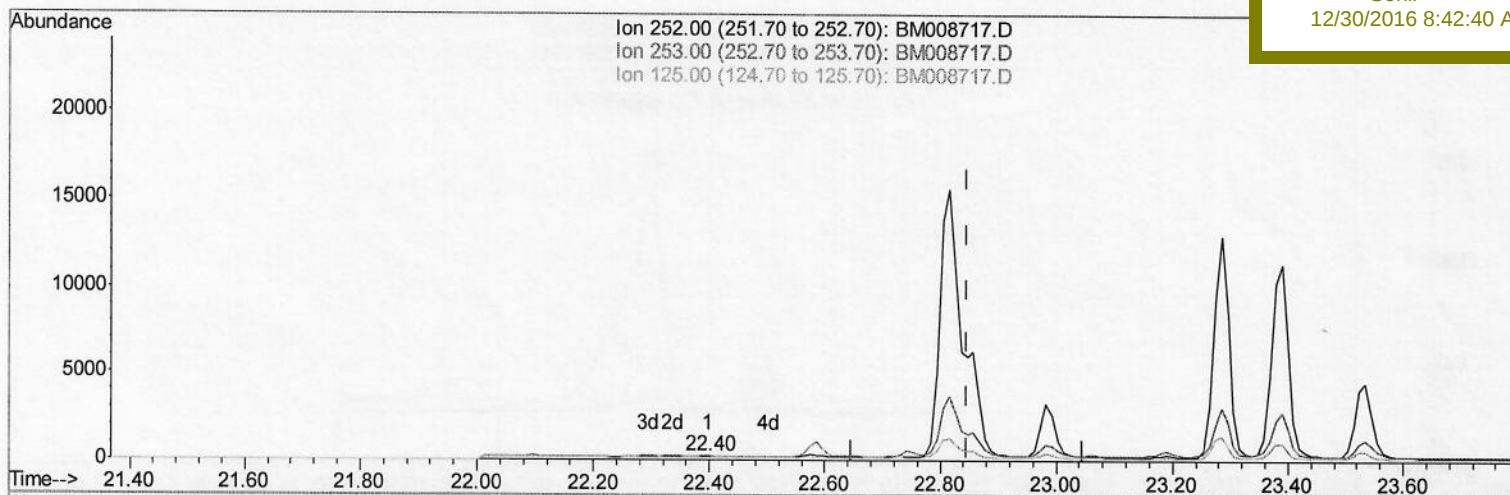
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
Data File : BM008717.D  
Acq On : 29 Dec 2016 13:03  
Operator : UM/SJ  
Sample : H6067-10DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 30 00:54:22 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(21) Benzo(b)fluoranthene  
22.399min (-0.448) 0.02ng/ul  
response 123

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 32.10 | 122.33# |
| 125.00 | 17.50 | 78.14#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

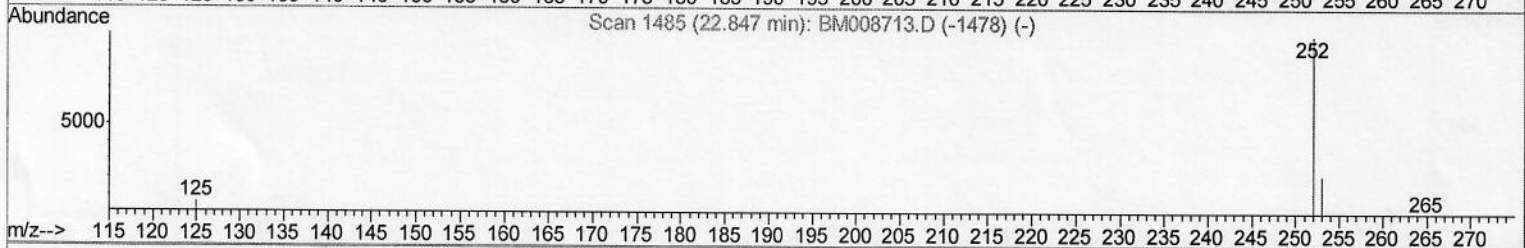
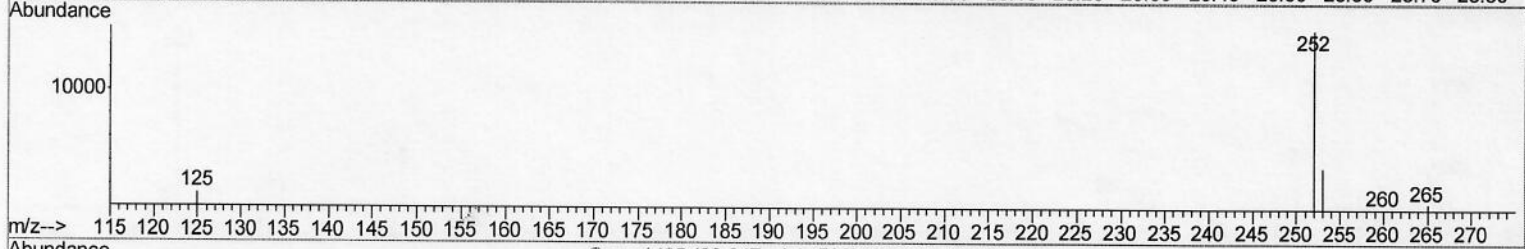
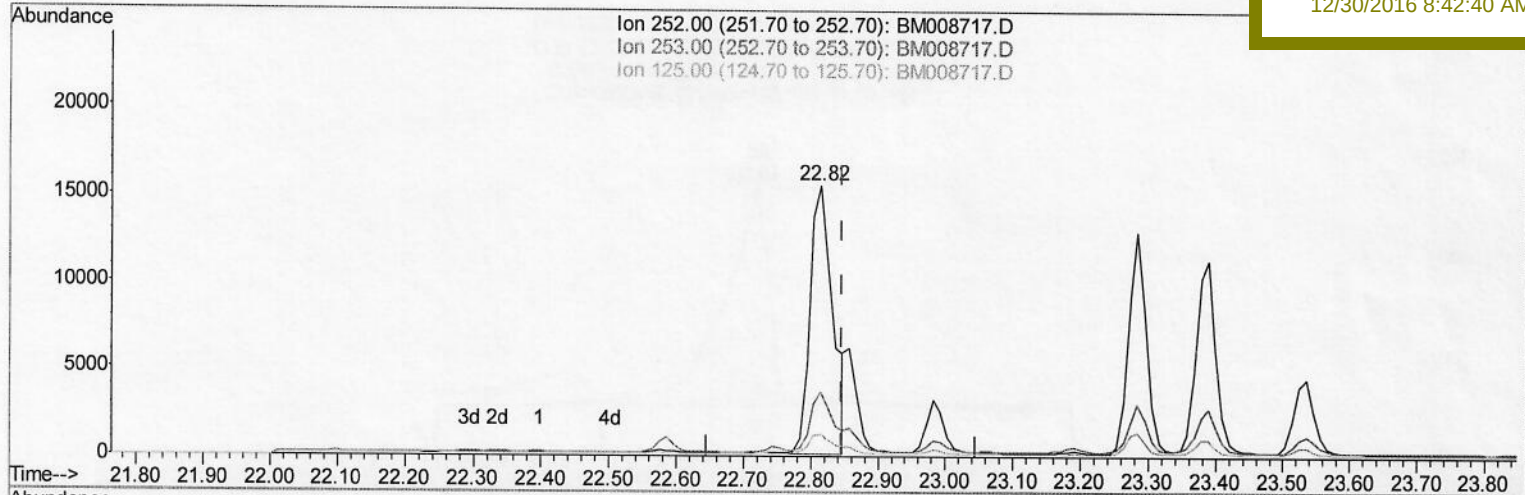
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
 APPROVED

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 12/30/2016 8:42:40 AM



TIC: BM008717.D

(21) Benzo(b)fluoranthene

22.816min (-0.031) 7.22ng/ul m

response 35981

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.45 |
| 125.00 | 17.50 | 8.21  |
| 0.00   | 0.00  | 0.00  |

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 12/30/16

# Quantitation Report (Qedit)

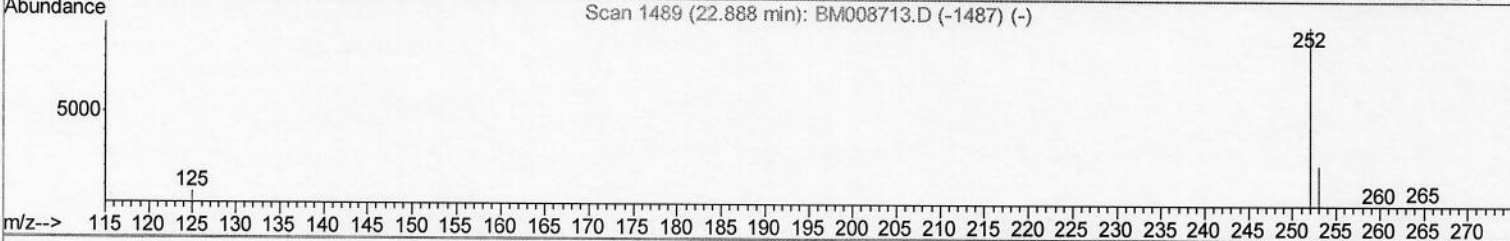
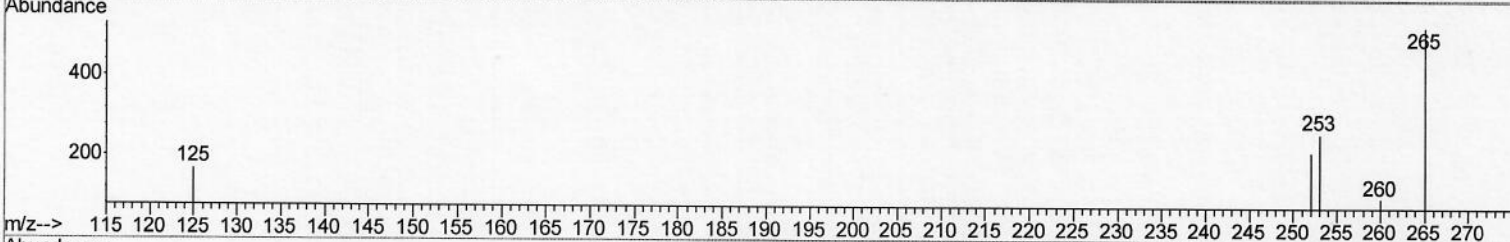
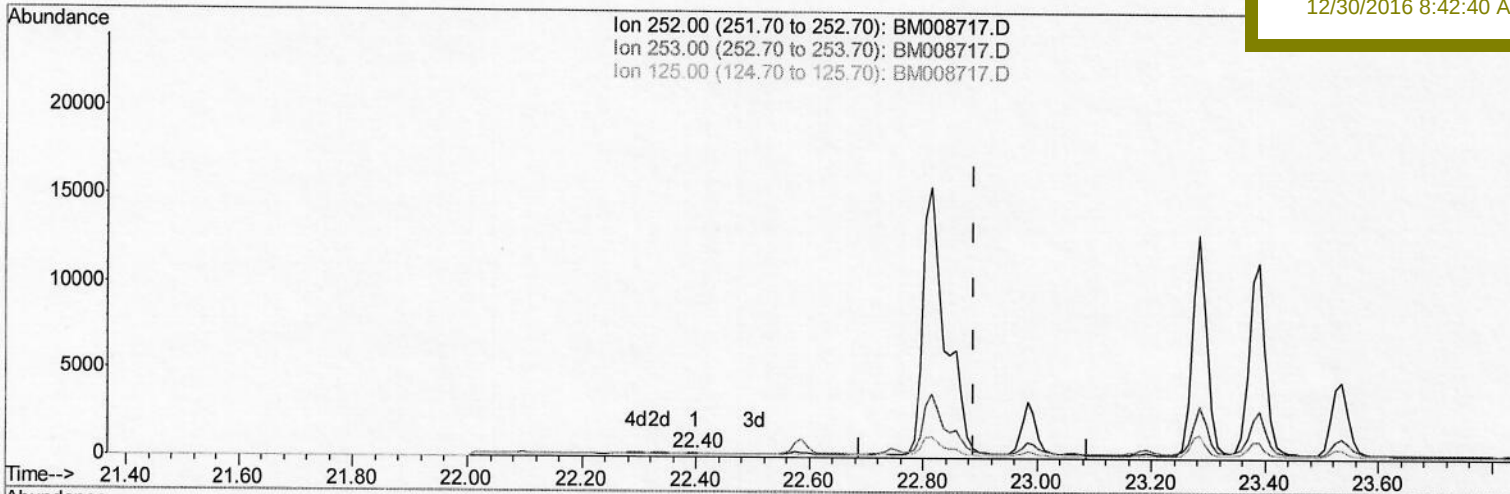
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
 APPROVED

Sohil  
 12/30/2016 8:42:40 AM



TIC: BM008717.D

(22) Benzo(k)fluoranthene  
 22.399min (-0.490) 0.03ng/ul  
 response 123

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 122.33# |
| 125.00 | 17.10 | 78.14#  |
| 0.00   | 0.00  | 0.00    |

## Quantitation Report (Qedit)

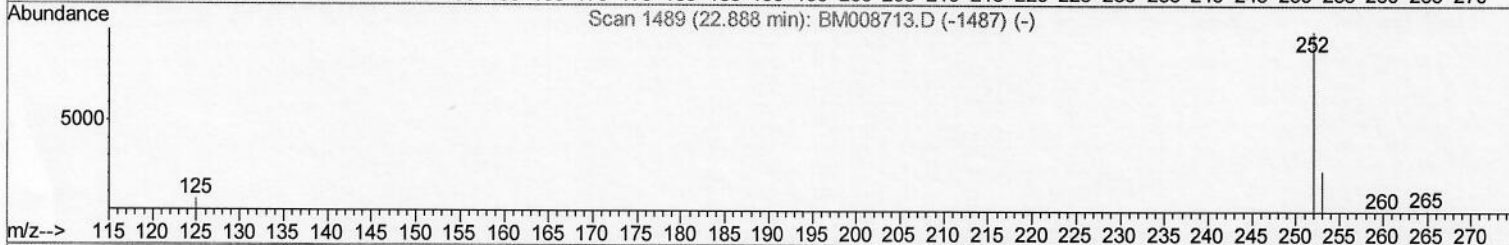
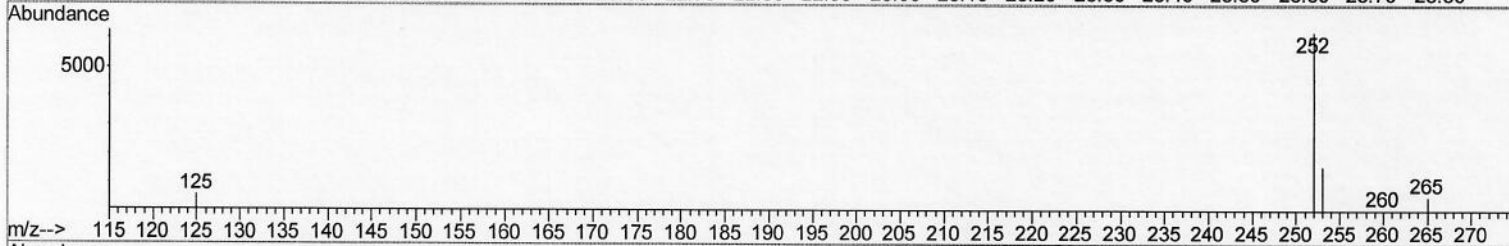
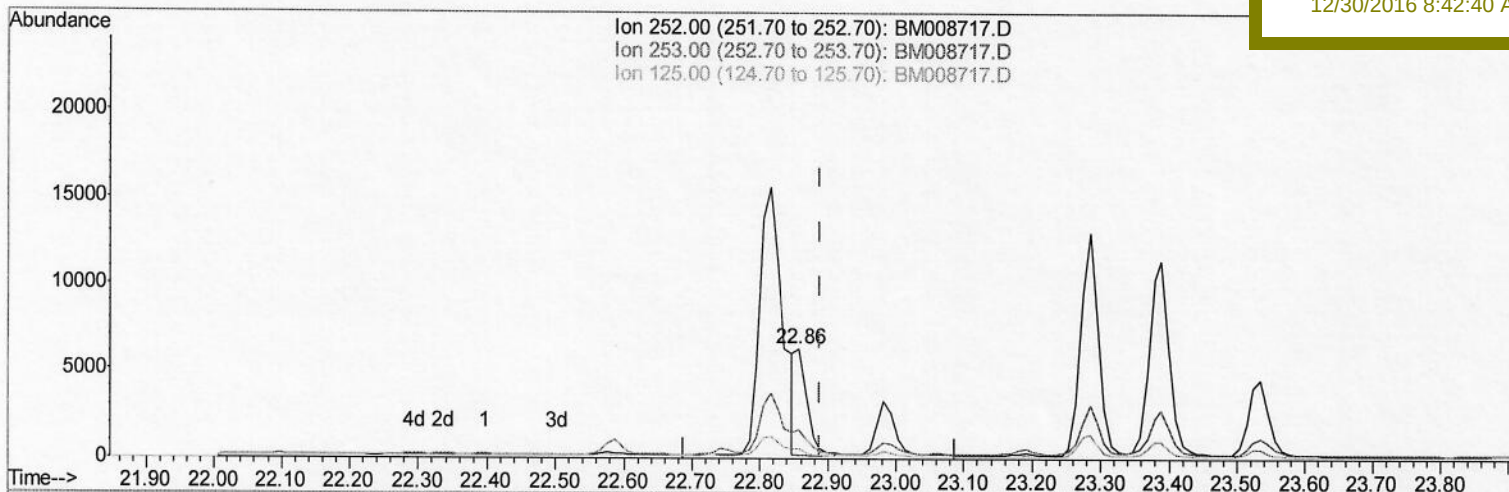
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
Data File : BM008717.D  
Acq On : 29 Dec 2016 13:03  
Operator : UM/SJ  
Sample : H6067-10DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 30 00:54:22 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(22) Benzo(k)fluoranthene

22.857min (-0.031) 1.47ng/ul m

response 7140

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 25.78 |
| 125.00 | 17.10 | 9.00# |
| 0.00   | 0.00  | 0.00  |

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12/30/16

## Quantitation Report (Qedit)

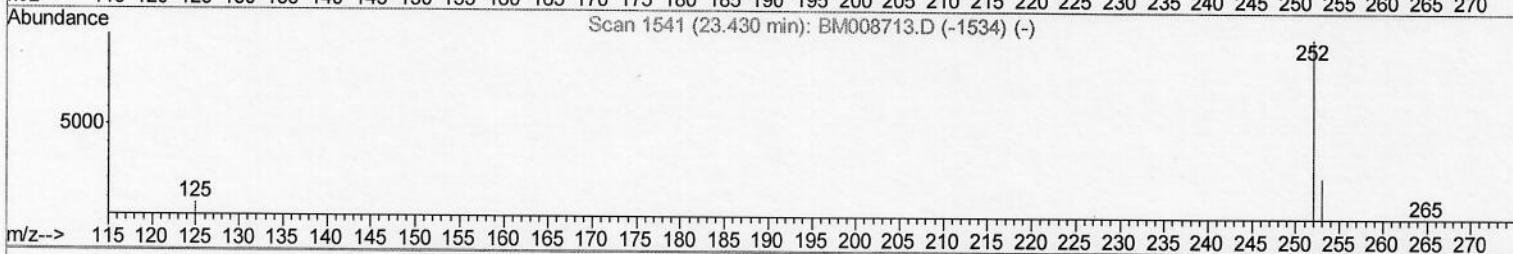
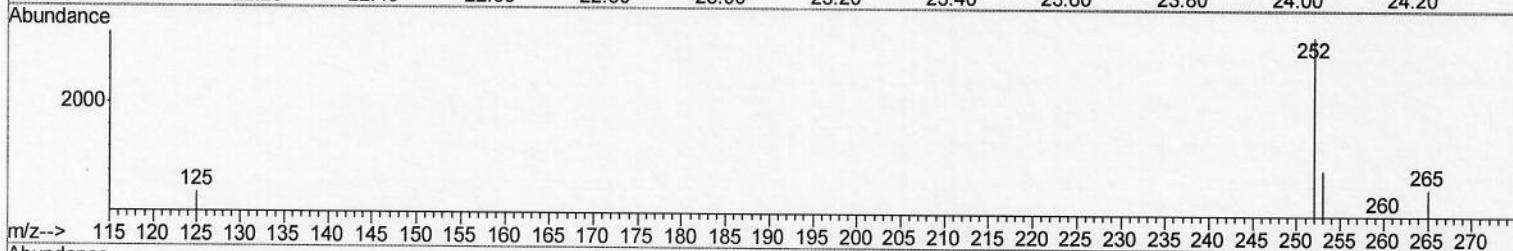
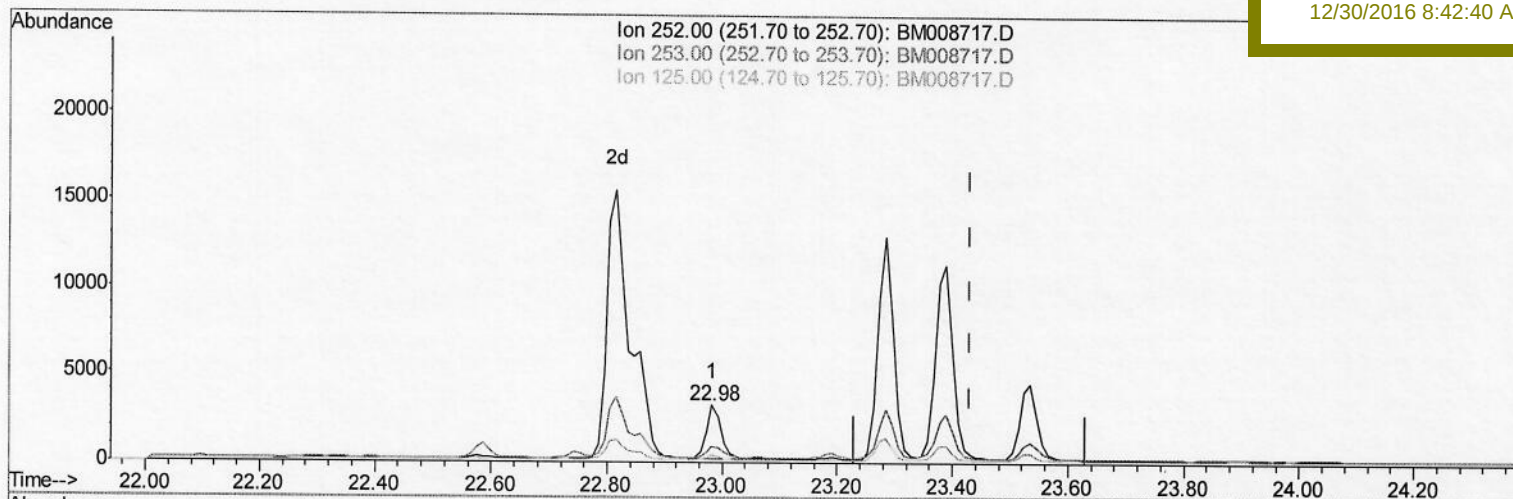
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
Data File : BM008717.D  
Acq On : 29 Dec 2016 13:03  
Operator : UM/SJ  
Sample : H6067-10DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 30 00:54:22 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA7G1DL

Manual Integrations  
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(23) Benzo(a)pyrene (C)  
22.982min (-0.448) 1.20ng/ul  
response 5555

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 27.30# |
| 125.00 | 22.60 | 13.17# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

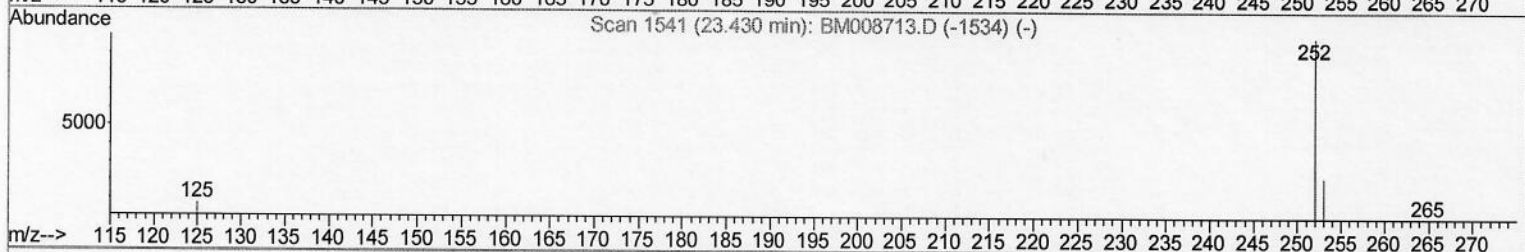
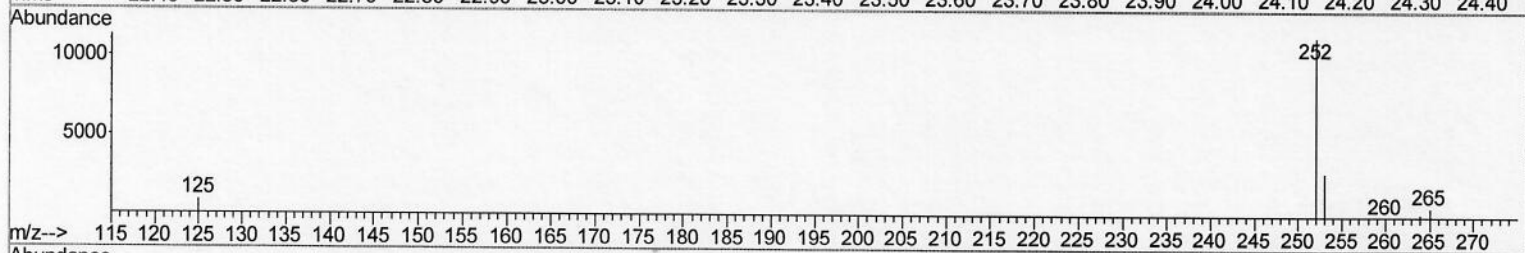
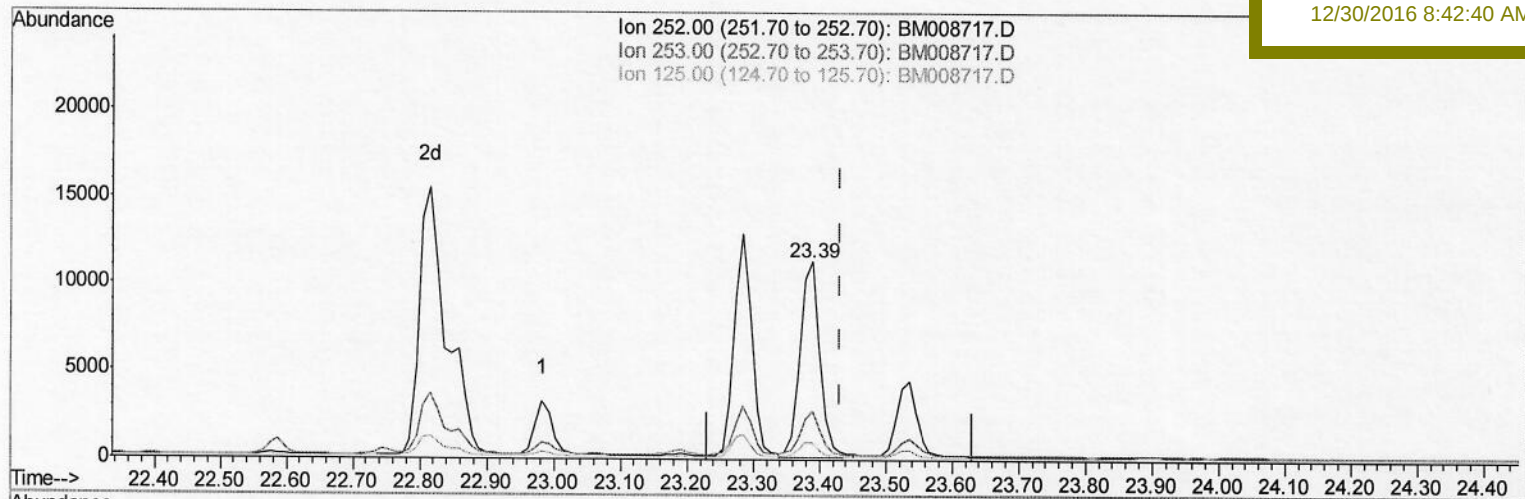
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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 12/30/2016 8:42:40 AM



TIC: BM008717.D

(23) Benzo(a)pyrene (C)

23.389min (-0.042) 5.04ng/ul m

response 23286

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 24.65# |
| 125.00 | 22.60 | 8.62#  |
| 0.00   | 0.00  | 0.00   |

SJ  
 12/30/16

# Quantitation Report (Qedit)

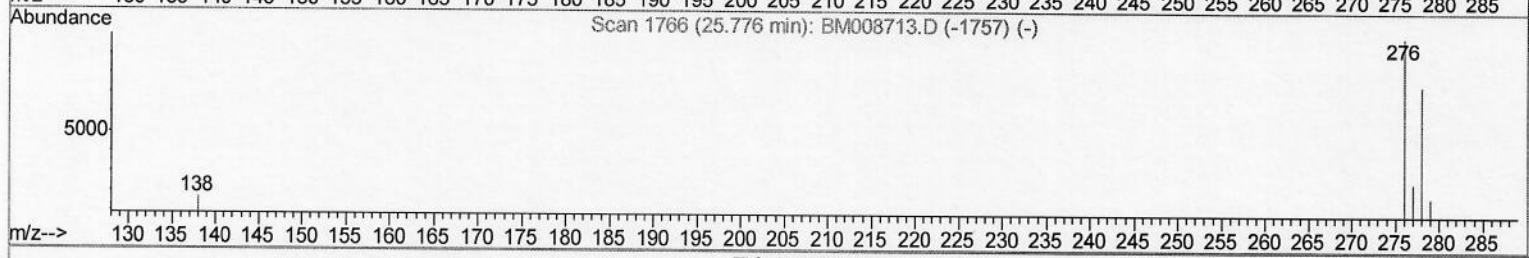
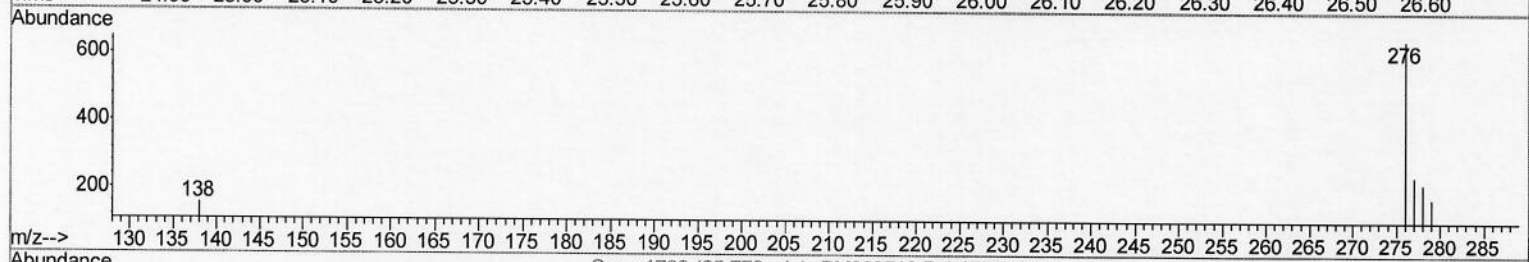
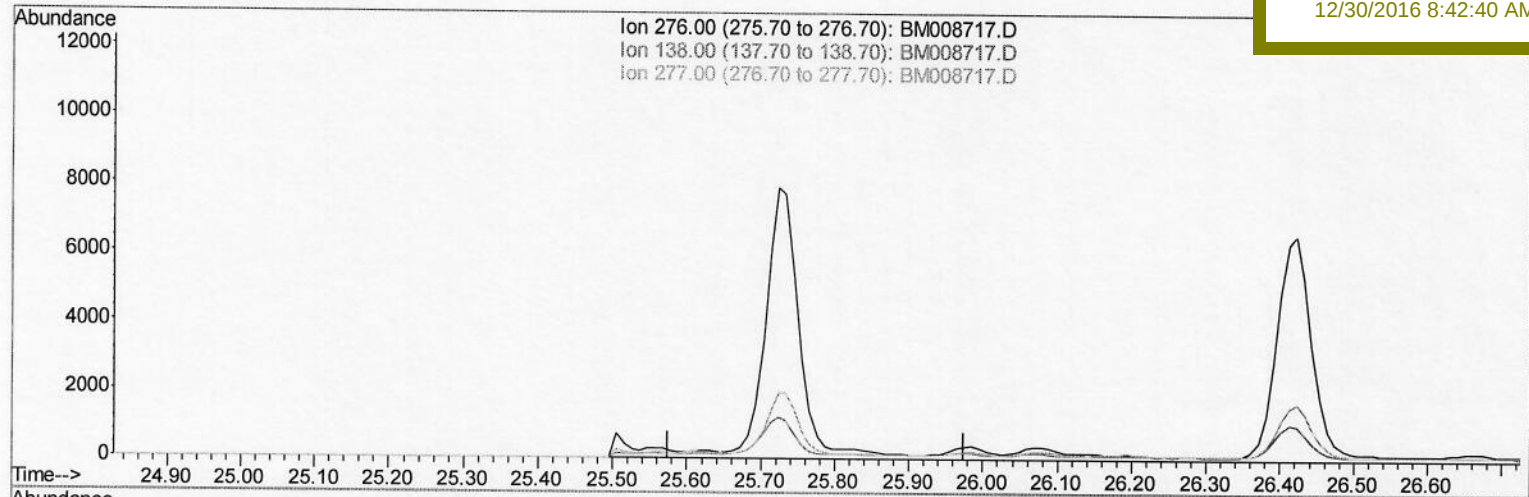
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7G1DL

**Manual Integrations**  
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TIC: BM008717.D

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

25.776min (-25.776) 0.00ng/ul

response 0

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

# Quantitation Report (Qedit)

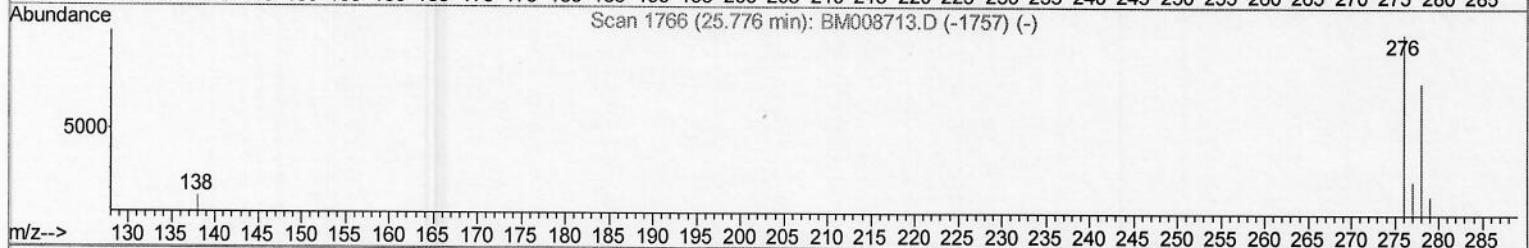
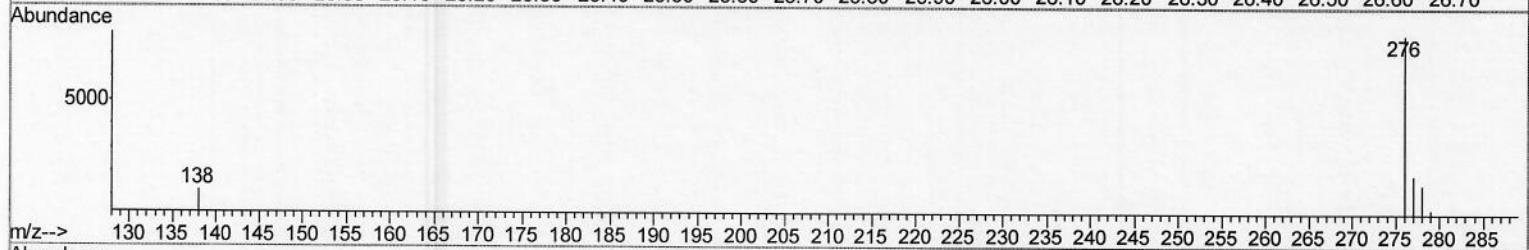
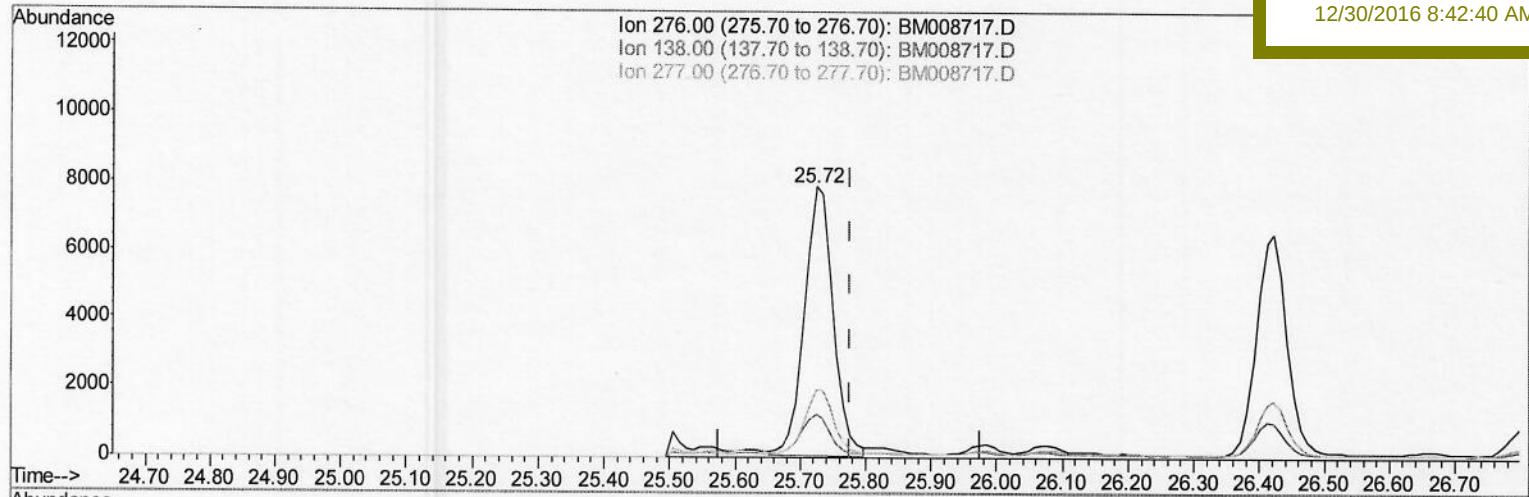
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 Client Sampled :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

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

25.724min (-0.052) 4.31ng/ul m

response 23733

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

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# Quantitation Report (Qedit)

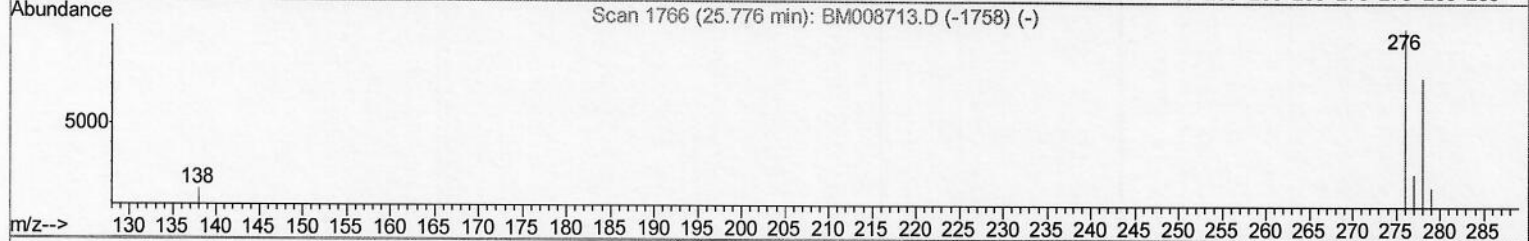
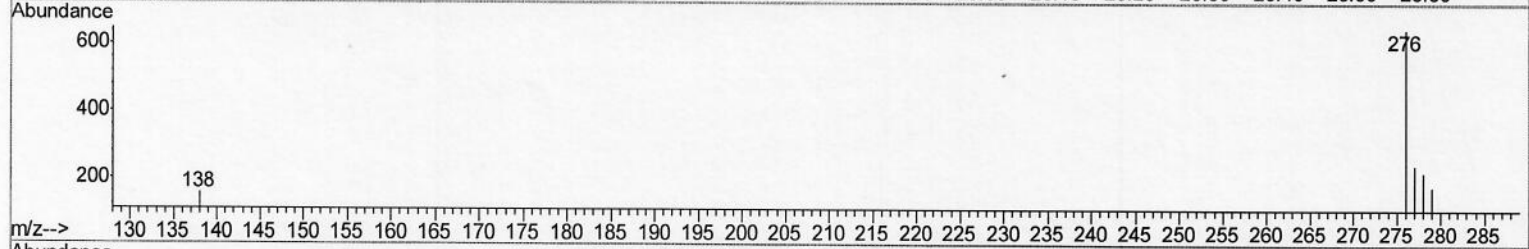
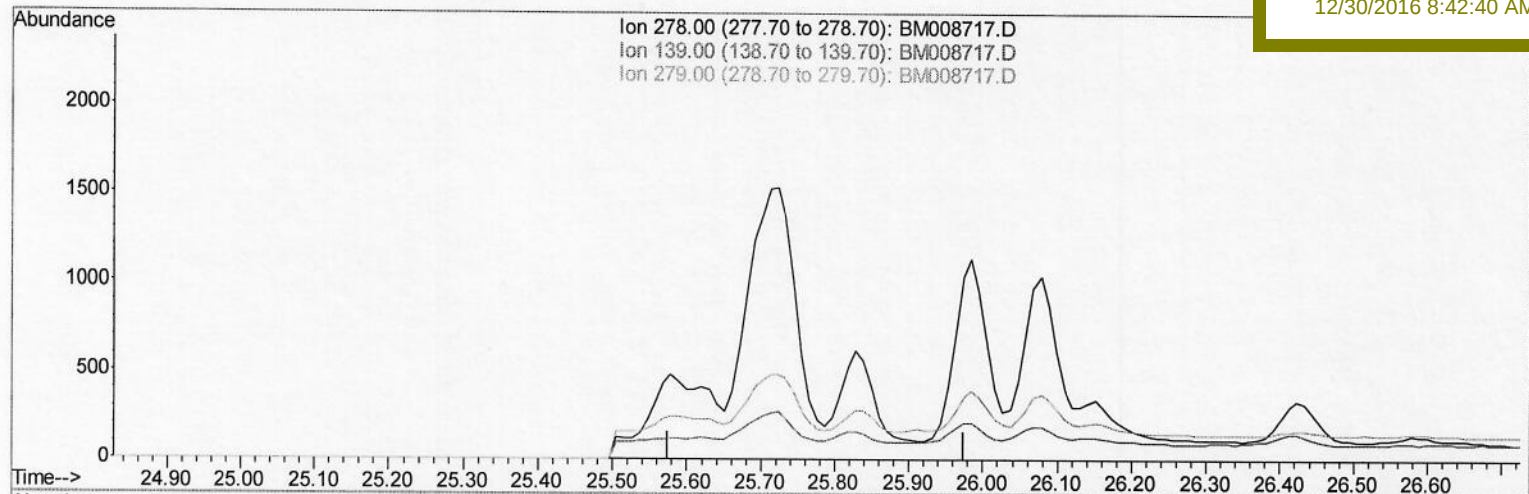
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7G1DL

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

**Manual Integrations**  
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(25) Dibenzo(a,h)anthracene

25.776min (-25.776) 0.00ng/ul

response 0

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

# Quantitation Report (Qedit)

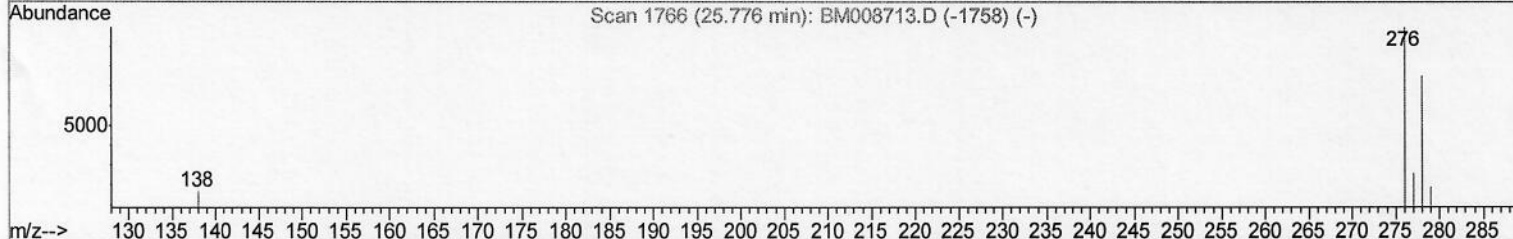
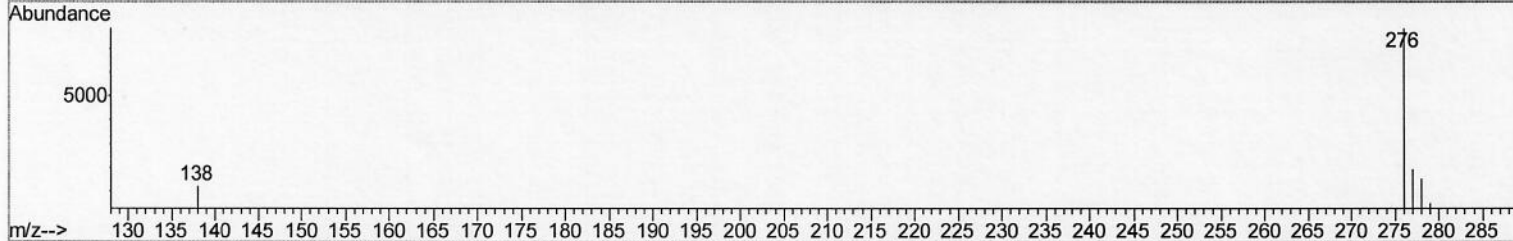
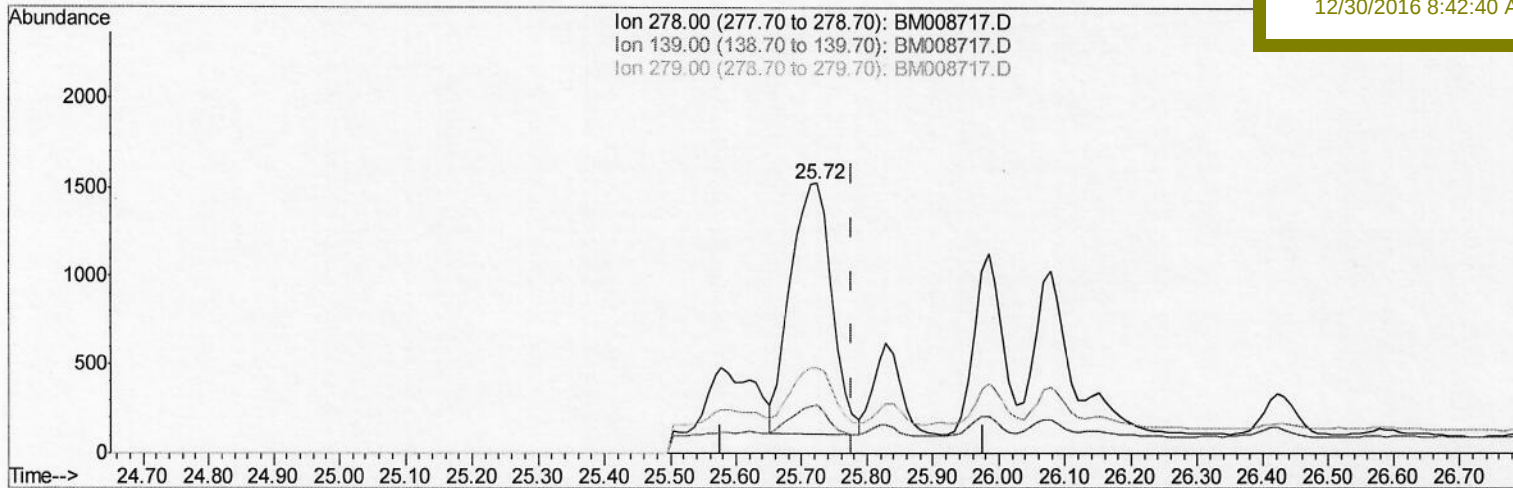
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7G1DL

**Manual Integrations**  
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TIC: BM008717.D

(25) Dibenzo(a,h)anthracene

25.724min (-0.052) 1.41ng/ul m

response 6215

*SJ*  
*12/30/16*

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 21.70 | 17.59 |
| 279.00 | 32.40 | 31.59 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

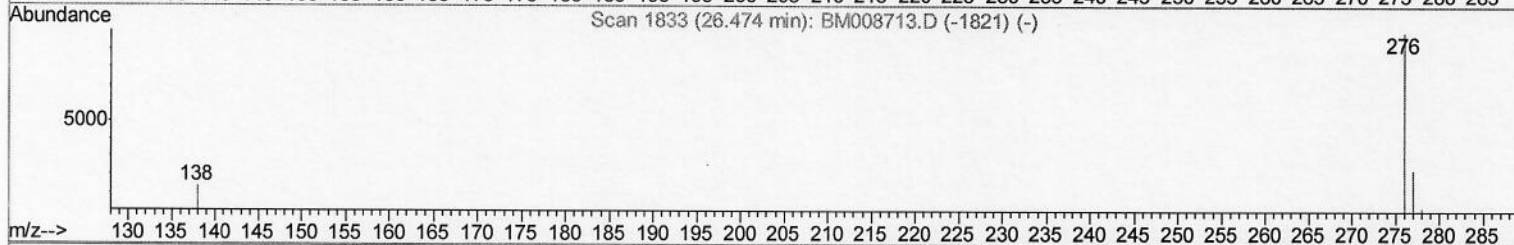
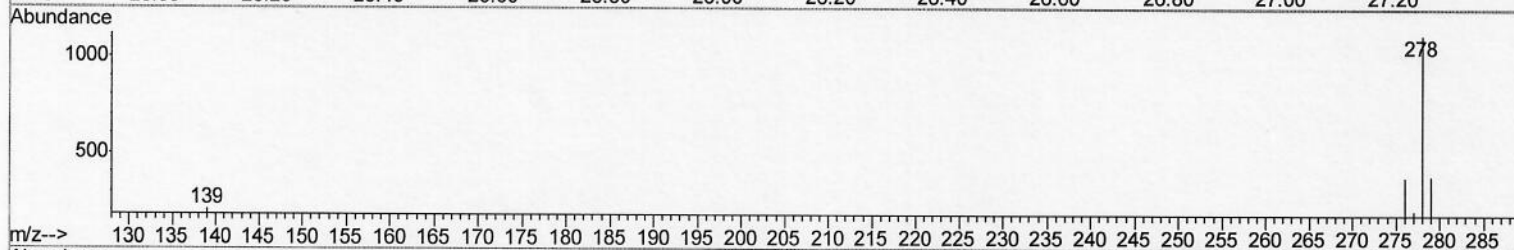
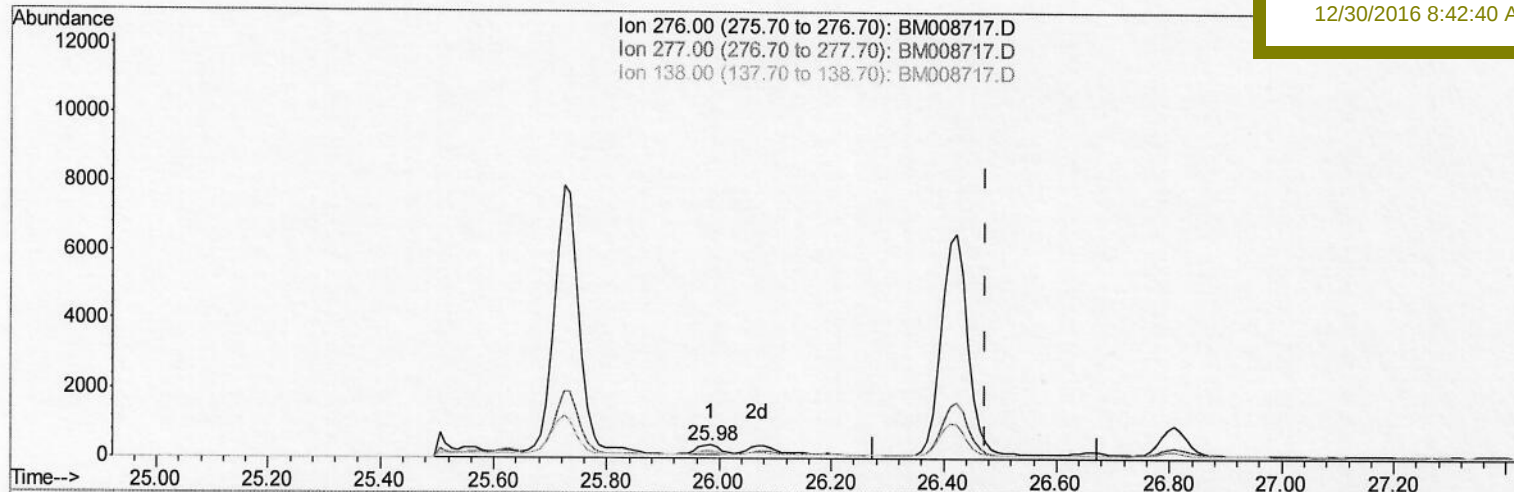
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7G1DL

**Manual Integrations**  
**APPROVED**

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TIC: BM008717.D

(26) Benzo(g,h,i)perylene  
 25.985min (-0.490) 0.17ng/ul  
 response 786

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 277.00 | 27.30 | 54.19# |
| 138.00 | 25.60 | 47.38# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

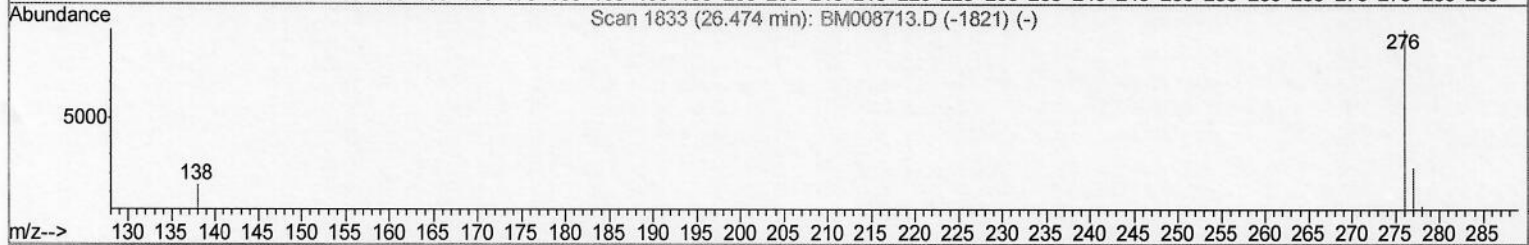
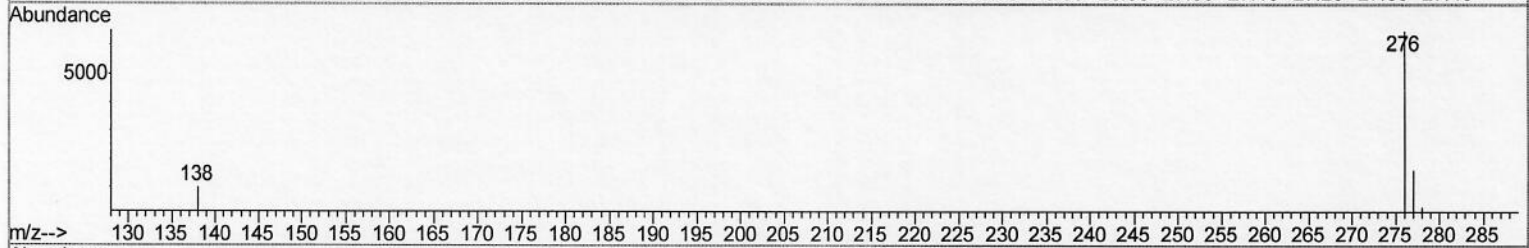
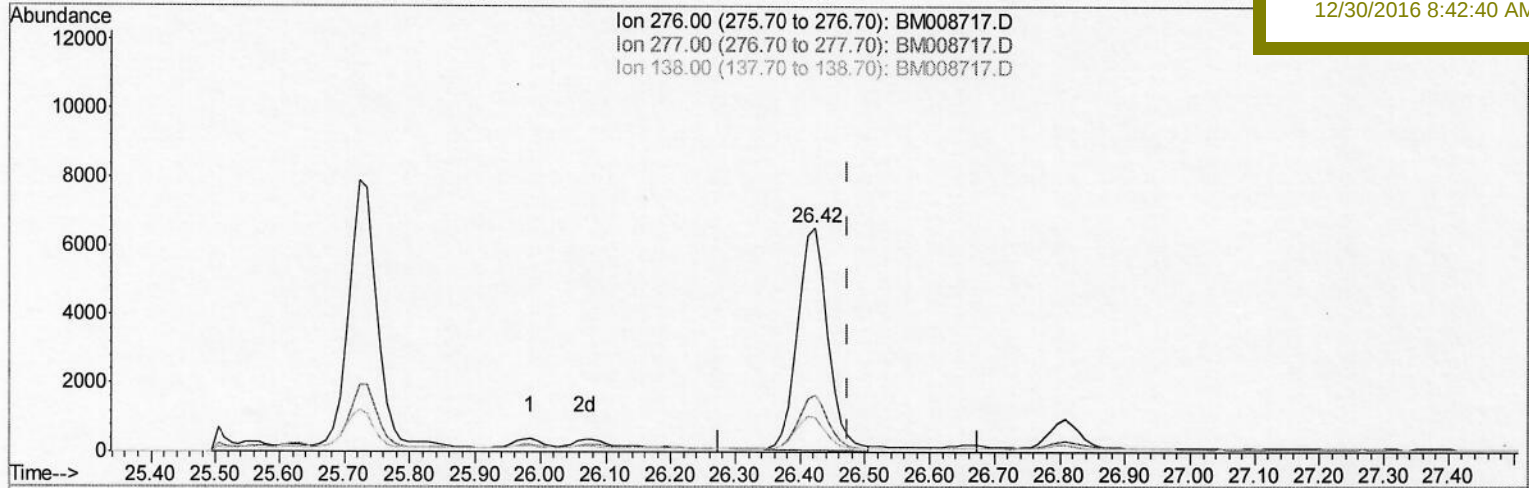
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

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

26.422min (-0.052) 4.53ng/ul m

response 21389

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 277.00 | 27.30 | 25.19  |
| 138.00 | 25.60 | 15.64# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

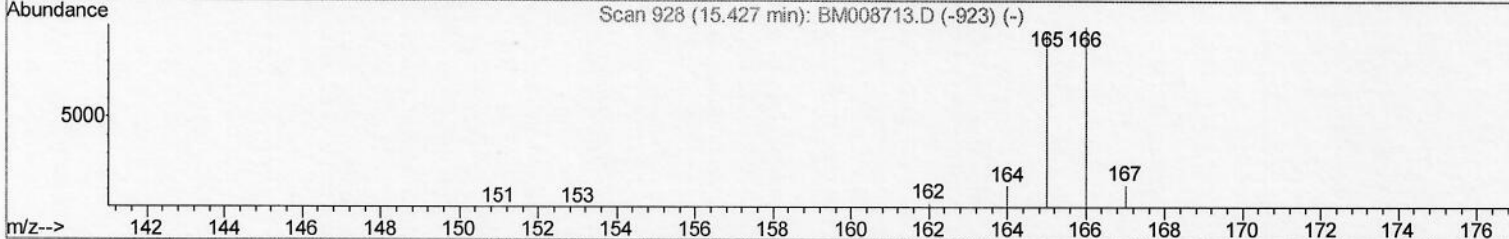
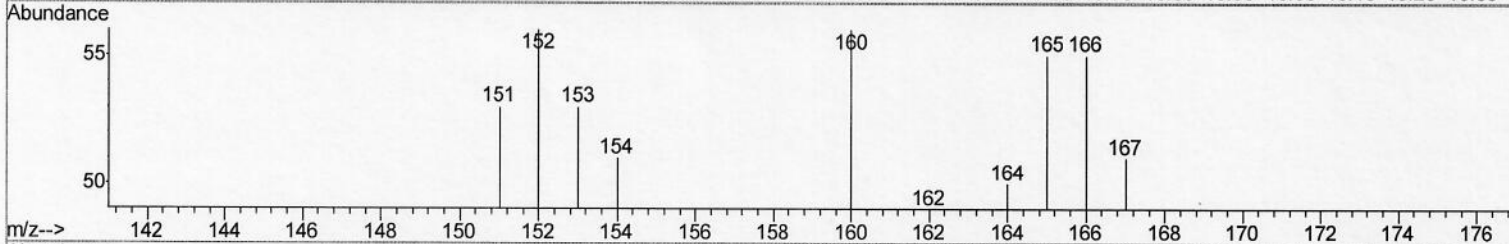
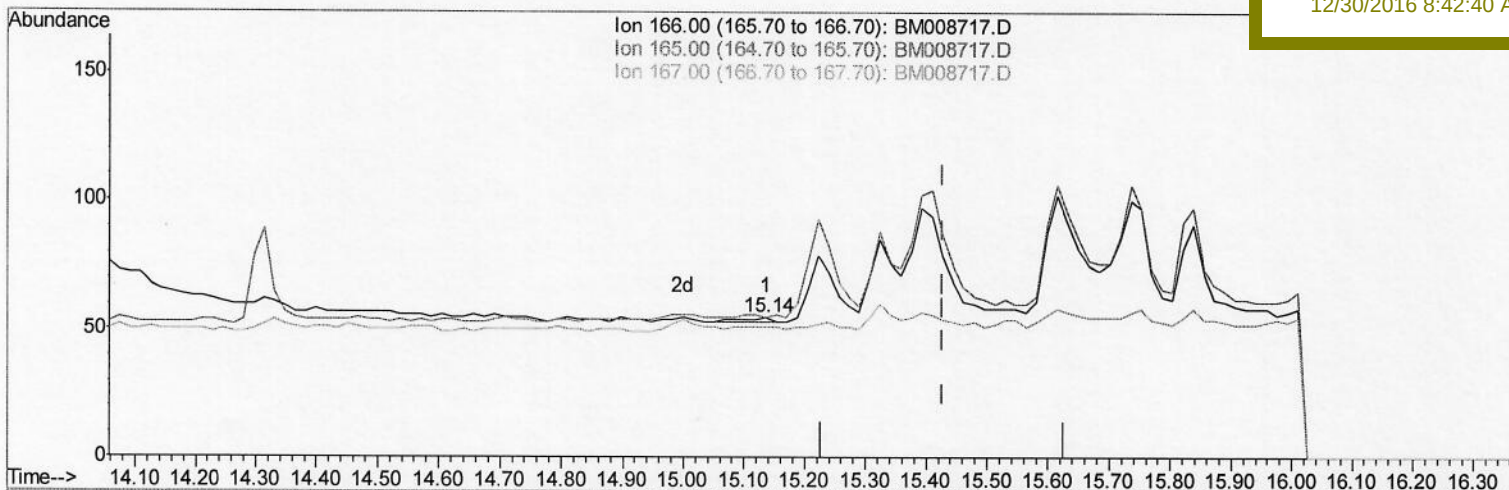
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:38:03 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G1DL

Manual Integrations  
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TIC: BM008717.D

(9) Fluorene

15.136min (-0.291) 0.00ng/ul

response 6

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 166.00 | 100   | 100    |
| 165.00 | 91.80 | 100.00 |
| 167.00 | 18.30 | 92.73# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

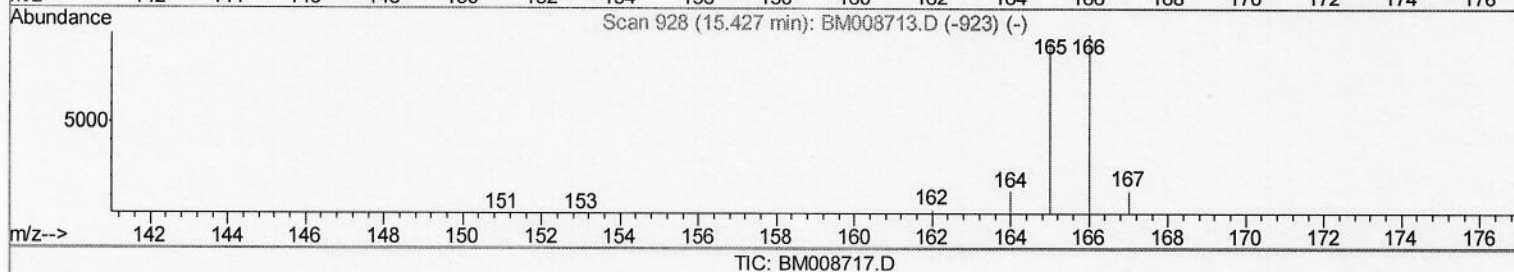
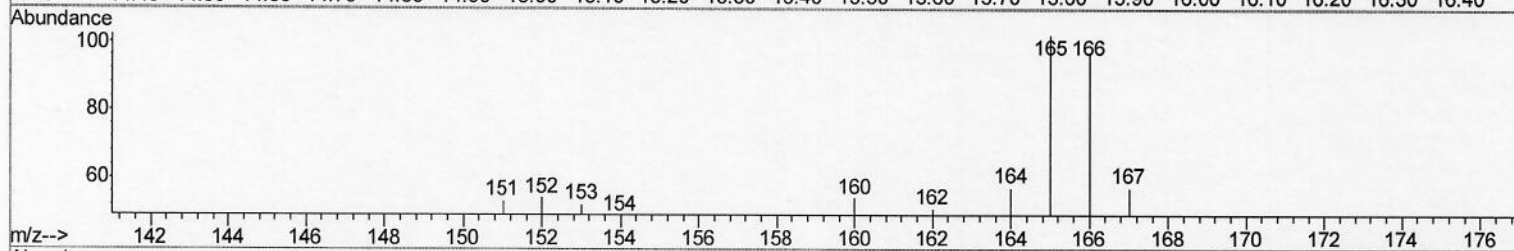
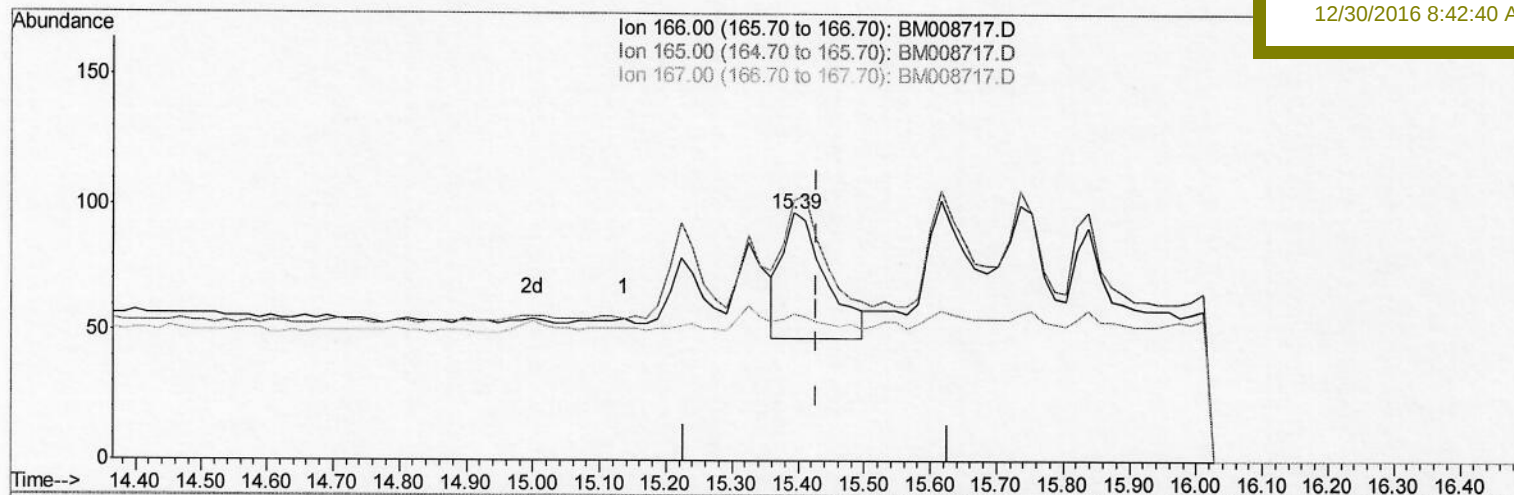
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
Data File : BM008717.D  
Acq On : 29 Dec 2016 13:03  
Operator : UM/SJ  
Sample : H6067-10DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:38:03 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 30 00:54:22 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA7G1DL

Manual Integrations  
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(9) Fluorene

15.393min (-0.034) 0.09ng/ul m

response 229

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 166.00 | 100   | 100    |
| 165.00 | 91.80 | 105.15 |
| 167.00 | 18.30 | 58.76# |
| 0.00   | 0.00  | 0.00   |

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Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
 Data File : BM008717.D  
 Acq On : 29 Dec 2016 13:03  
 Operator : UM/SJ  
 Sample : H6067-10DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:39:18 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 00:54:22 2016  
 Response via : Initial Calibration

Instrument :  
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 ClientSampleId :  
 DA7G1DL

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|---------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 341m     | 0.40 | ng/ul | -0.14     |
| 2) Naphthalene-d8         | 10.50 | 136  | 1019m    | 0.40 | ng/ul | -0.05     |
| 6) Acenaphthene-d10       | 14.31 | 164  | 681m     | 0.40 | ng/ul | -0.02     |
| 10) Phenanthrene-d10      | 17.07 | 188  | 1154m    | 0.40 | ng/ul | -0.03     |
| 16) Chrysene-d12          | 21.26 | 240  | 1283m    | 0.40 | ng/ul | -0.02     |
| 20) Perylene-d12          | 23.48 | 264  | 1265m    | 0.40 | ng/ul | -0.03     |

## System Monitoring Compounds

|                            |       |     |      |      |       |       |
|----------------------------|-------|-----|------|------|-------|-------|
| 4) 2-Methylnaphthalene-d10 | 12.14 | 152 | 64m  | 0.04 | ng/ul | -0.01 |
| 14) Fluoranthene-d10       | 19.10 | 212 | 237m | 0.07 | ng/ul | -0.02 |

## Target Compounds

|                            |       |     |        |      |       | Qvalue |
|----------------------------|-------|-----|--------|------|-------|--------|
| 3) Naphthalene             | 10.56 | 128 | 253m   | 0.09 | ng/ul | →      |
| 7) Acenaphthylene          | 14.02 | 152 | 2811m  | 0.91 | ng/ul | →      |
| 9) Fluorene                | 15.39 | 166 | 229m   | 0.09 | ng/ul | →      |
| 12) Phenanthrene           | 17.11 | 178 | 599m   | 0.17 | ng/ul | →      |
| 13) Anthracene             | 17.21 | 178 | 2891m  | 0.84 | ng/ul | →      |
| 15) Fluoranthene           | 19.13 | 202 | 1841m  | 0.43 | ng/ul | →      |
| 17) Pyrene                 | 19.48 | 202 | 3932m  | 0.79 | ng/ul | →      |
| 18) Benzo(a)anthracene     | 21.24 | 228 | 4697m  | 1.11 | ng/ul | →      |
| 19) Chrysene               | 21.29 | 228 | 12313m | 2.67 | ng/ul | →      |
| 21) Benzo(b)fluoranthene   | 22.82 | 252 | 35981m | 7.22 | ng/ul | →      |
| 22) Benzo(k)fluoranthene   | 22.86 | 252 | 7140m  | 1.47 | ng/ul | →      |
| 23) Benzo(a)pyrene         | 23.39 | 252 | 23286m | 5.04 | ng/ul | →      |
| 24) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 23733m | 4.31 | ng/ul | →      |
| 25) Dibenzo(a,h)anthracene | 25.72 | 278 | 6215m  | 1.41 | ng/ul | →      |
| 26) Benzo(g,h,i)perylene   | 26.42 | 276 | 21389m | 4.53 | ng/ul | →      |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122916\  
Data File : BM008717.D  
Acq On : 29 Dec 2016 13:03  
Operator : UM/SJ  
Sample : H6067-10DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 02:39:18 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 30 00:54:22 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
Client Sample Id :  
DA7G1DL

Manual Integrations  
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12/30/2016 8:42:40 AM

