

# Quantitation Report (Qedit)

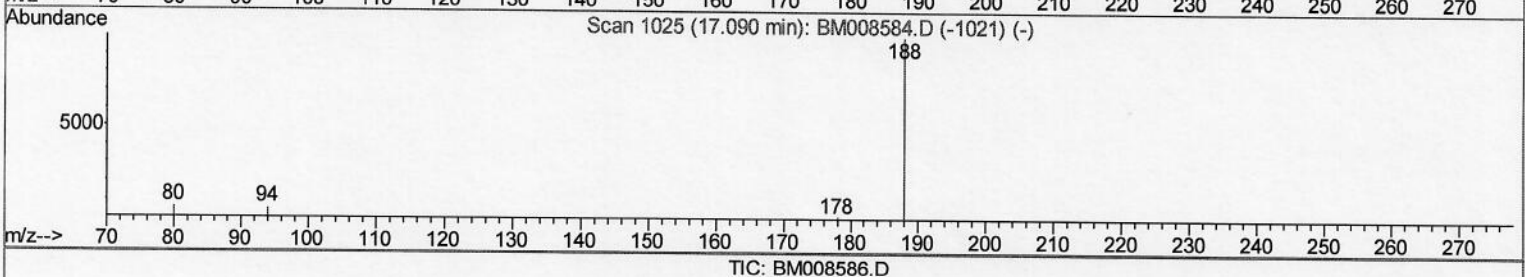
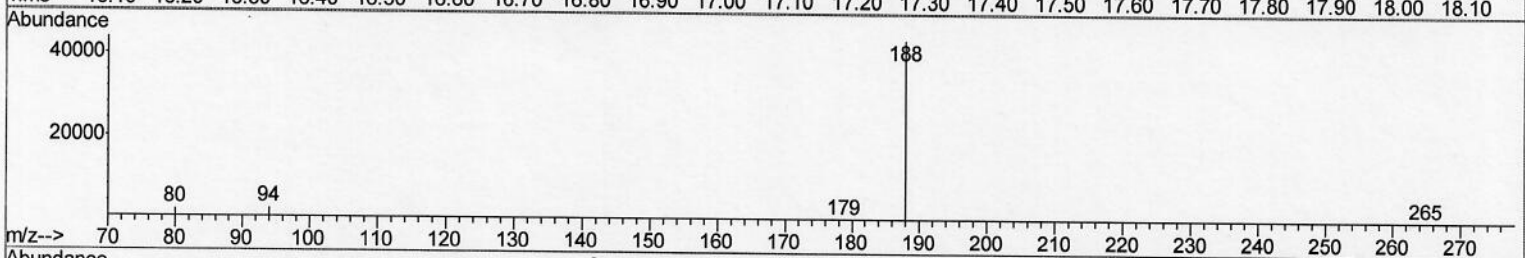
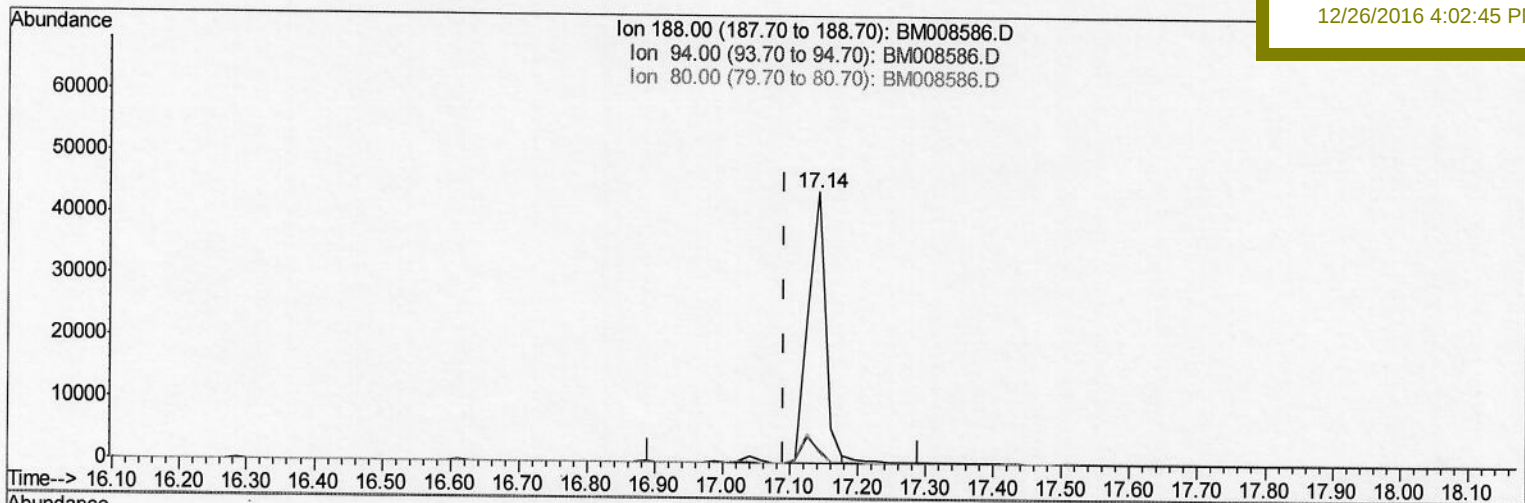
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 15:15:54 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 23 15:11:17 2016  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA846

**Manual Integrations**  
**APPROVED**

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 12/26/2016 4:02:45 PM



(10) Phenanthrene-d10 (I)  
 17.142min (+0.052) 0.40ng/ul  
 response 77410

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 4.93# |
| 80.00  | 11.80 | 4.27# |
| 0.00   | 0.00  | 0.00  |

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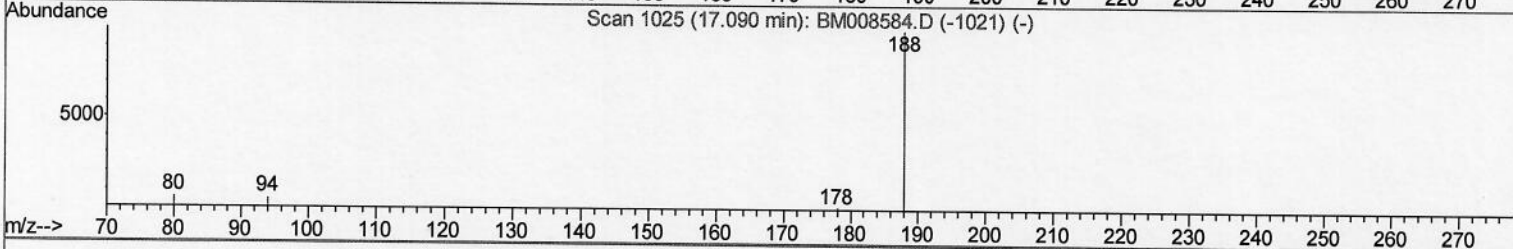
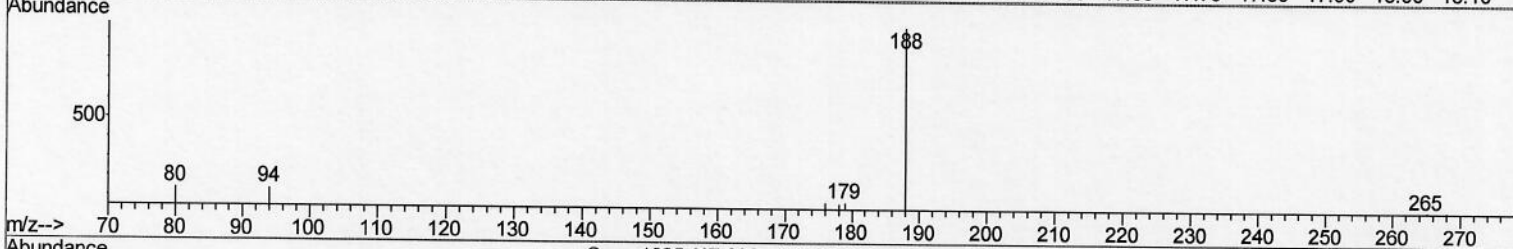
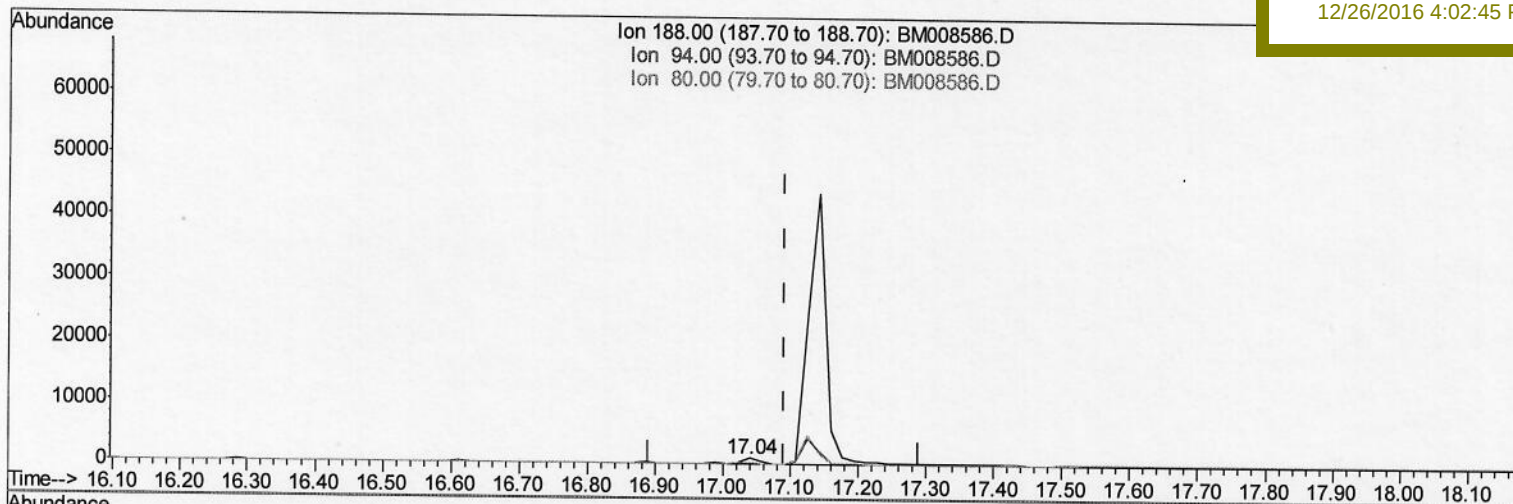
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
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 Operator : UM/SJ  
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TIC: BM008586.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 1432

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 14.26# |
| 80.00  | 11.80 | 14.46# |
| 0.00   | 0.00  | 0.00   |

*Handwritten:* SJ  
 12/24/16

# Quantitation Report (Qedit)

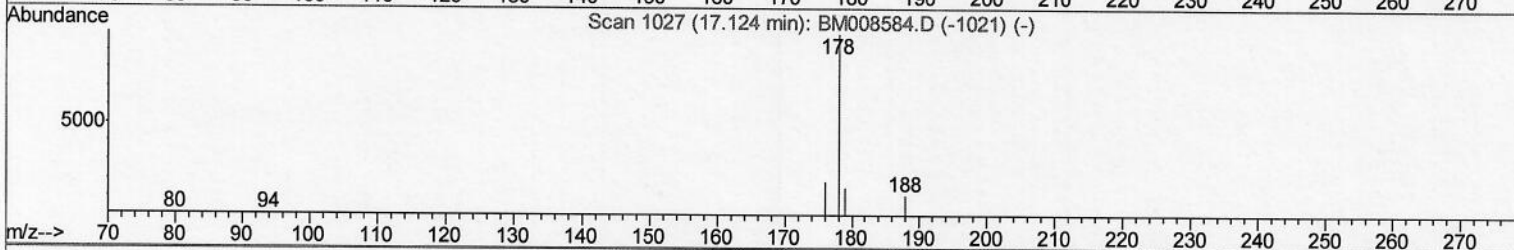
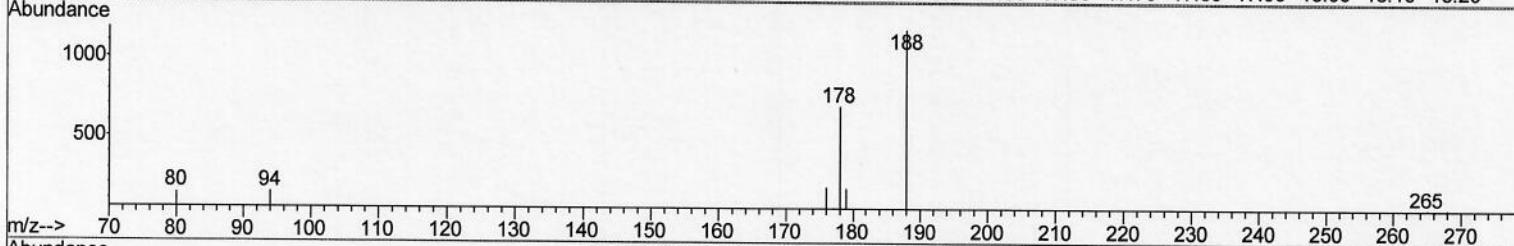
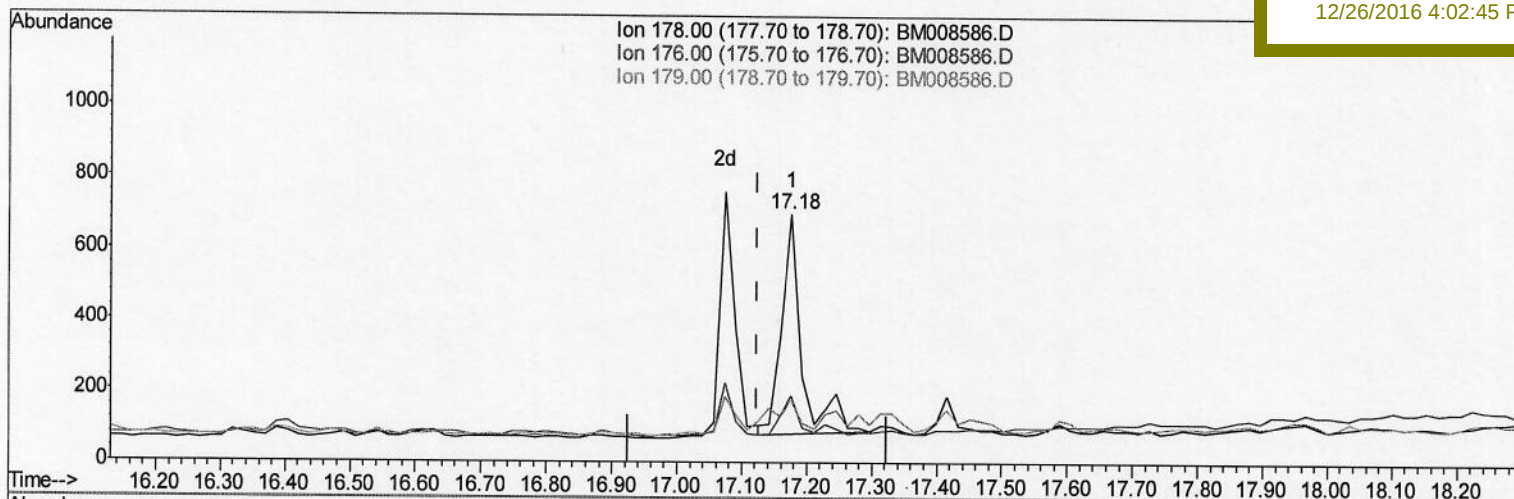
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Dec 23 15:17:09 2016  
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TIC: BM008586.D

(12) Phenanthrene

17.177min (+0.052) 0.31ng/ul

response 1352

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 23.00 | 26.50  |
| 179.00 | 17.00 | 25.36# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

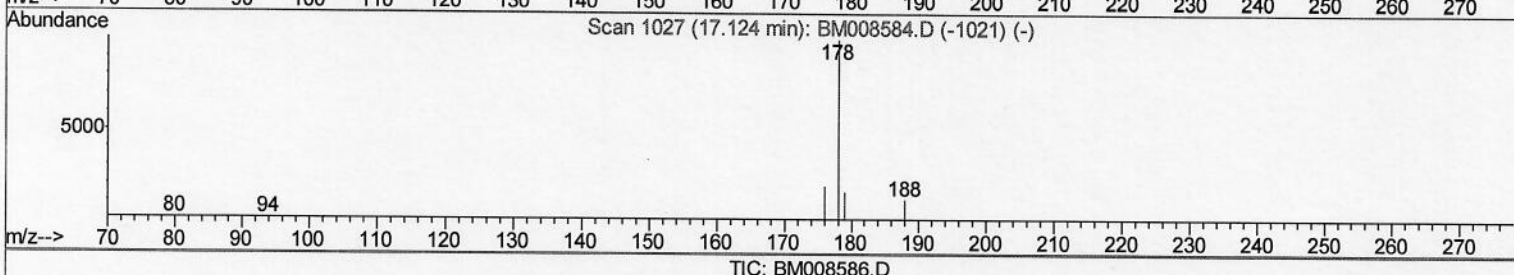
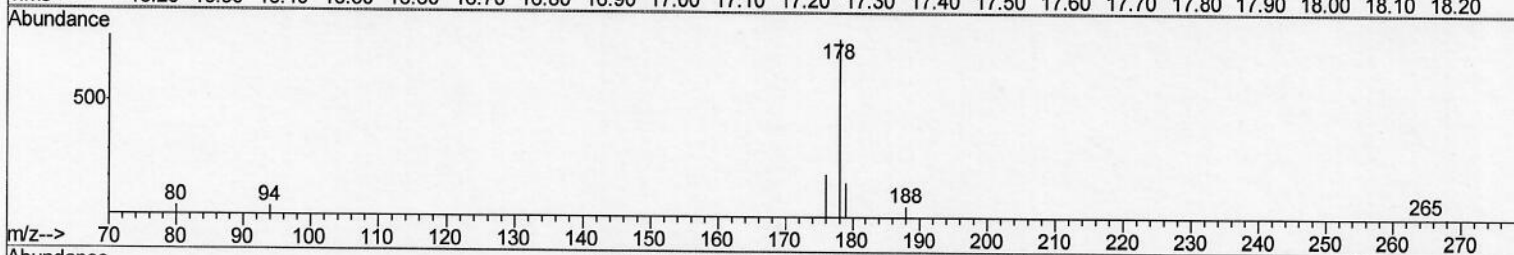
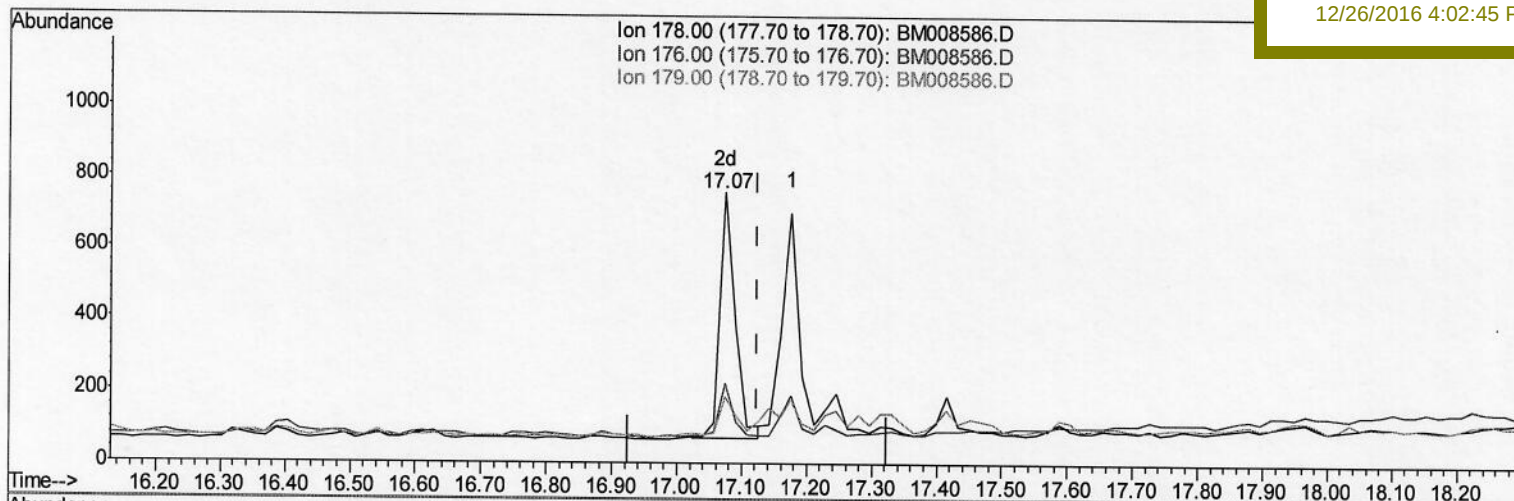
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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TIC: BM008586.D

(12) Phenanthrene

17.074min (-0.051) 0.26ng/ul m

response 1140

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 23.00 | 28.95# |
| 179.00 | 17.00 | 24.21# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

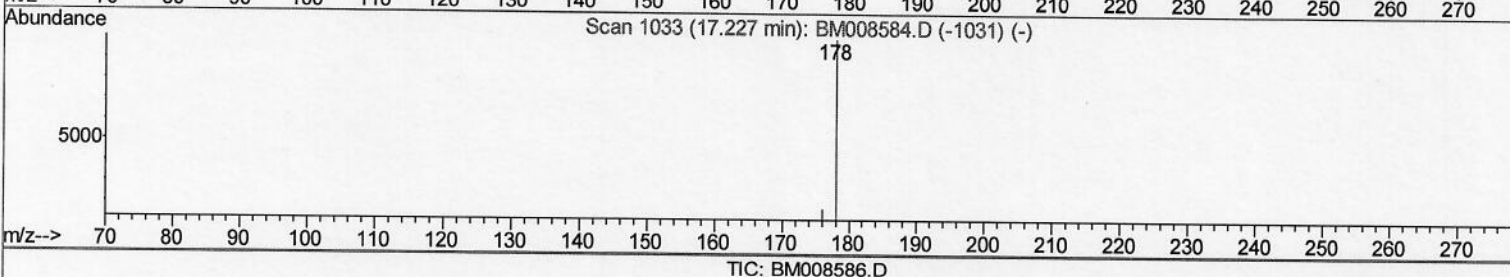
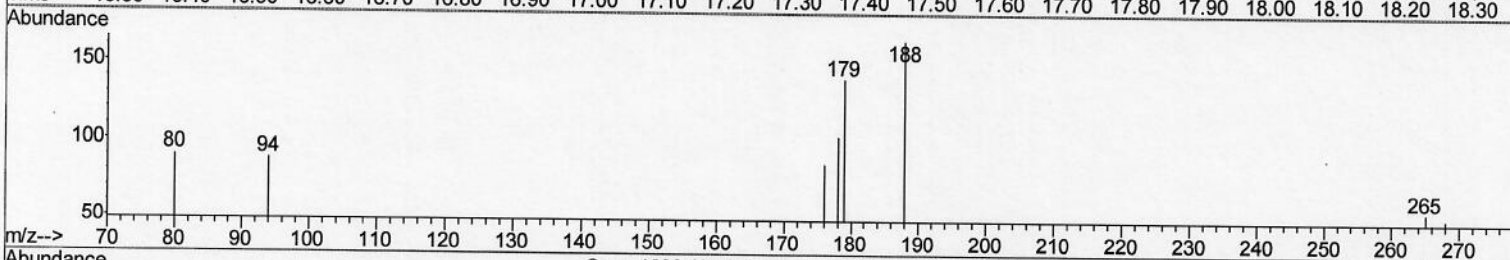
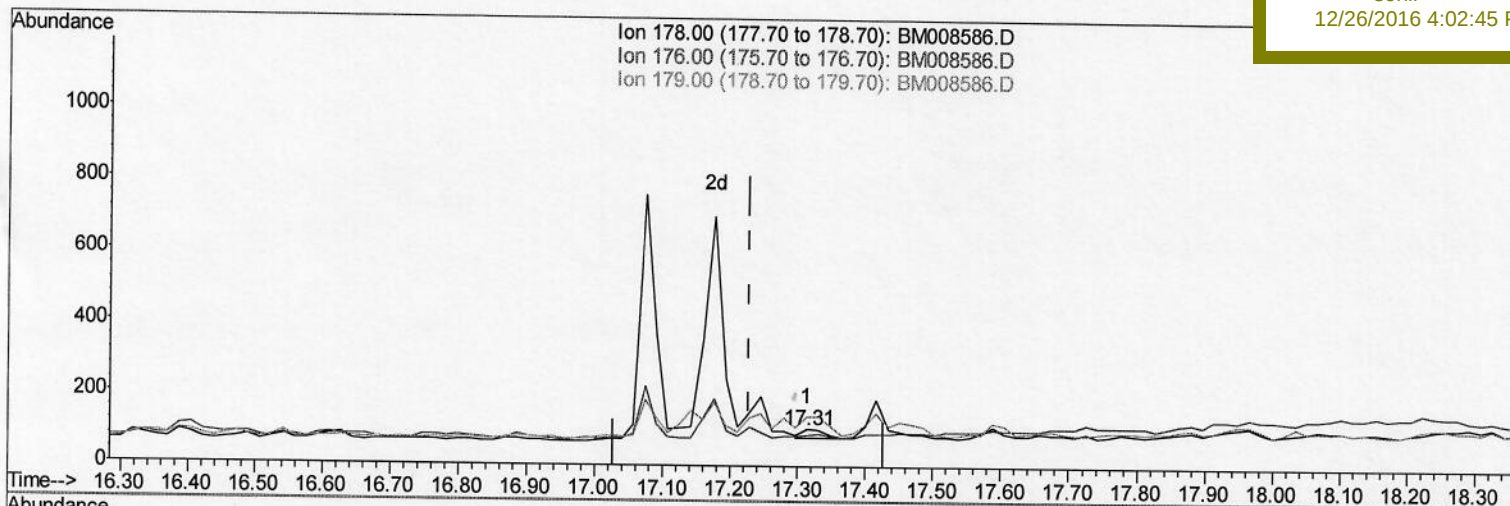
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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(13) Anthracene

17.314min (+0.086) 0.01ng/ul

response 48

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 176.00 | 22.60 | 83.50#  |
| 179.00 | 18.40 | 135.92# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

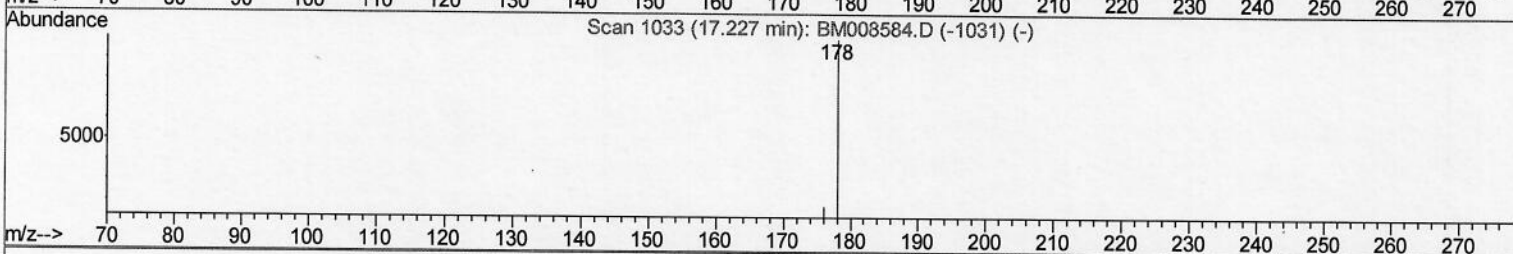
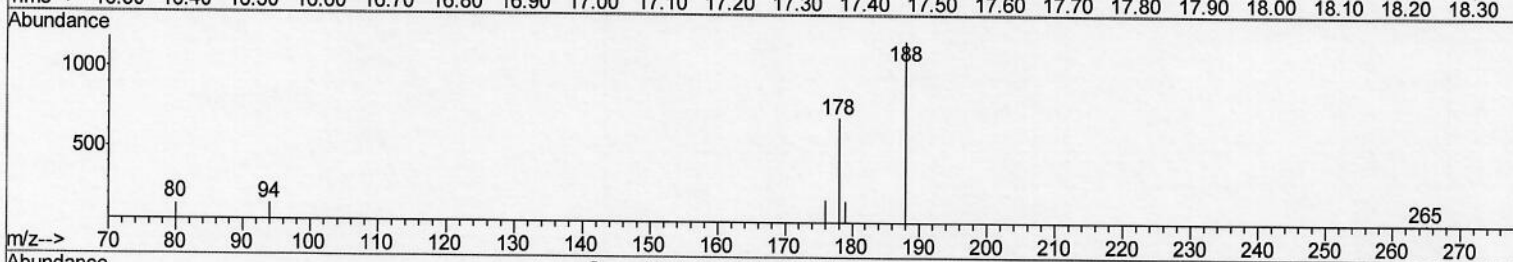
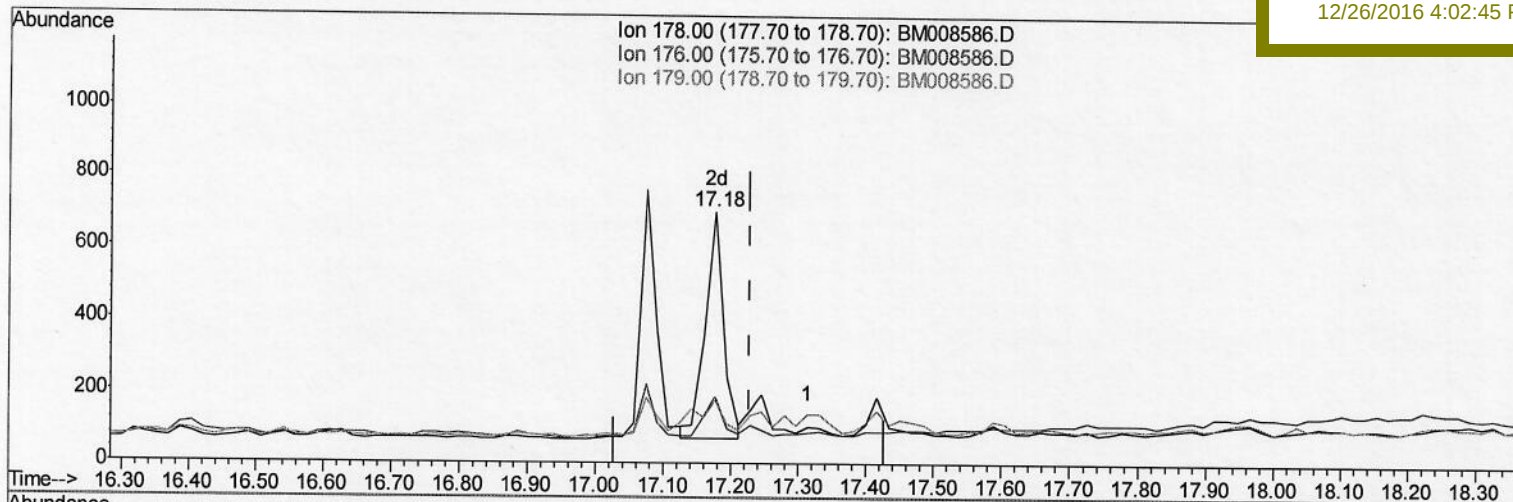
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
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TIC: BM008586.D

(13) Anthracene

17.177min (-0.051) 0.28ng/ul m

response 1193

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 22.60 | 26.50  |
| 179.00 | 18.40 | 25.36# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

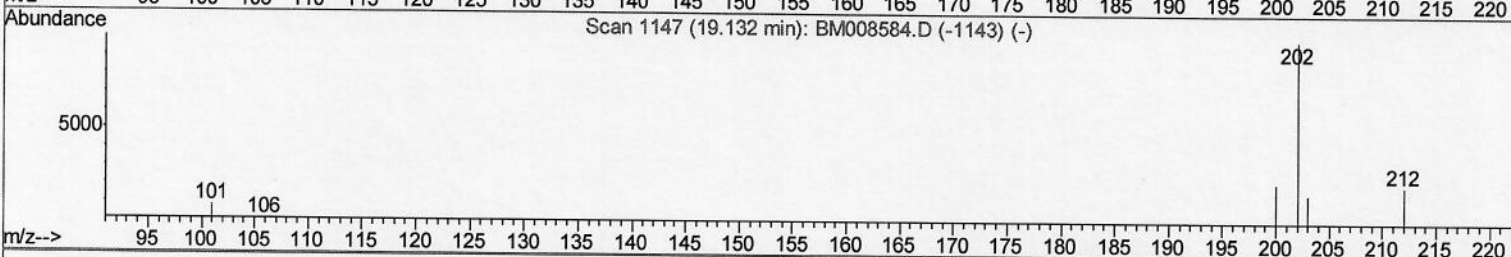
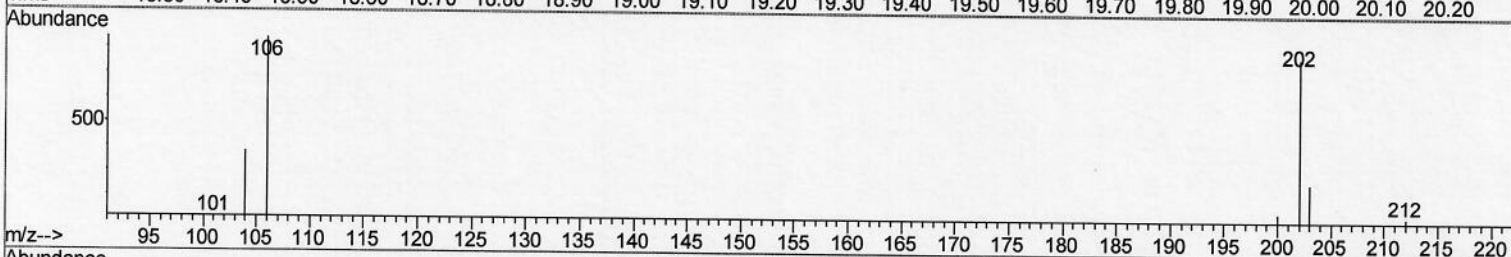
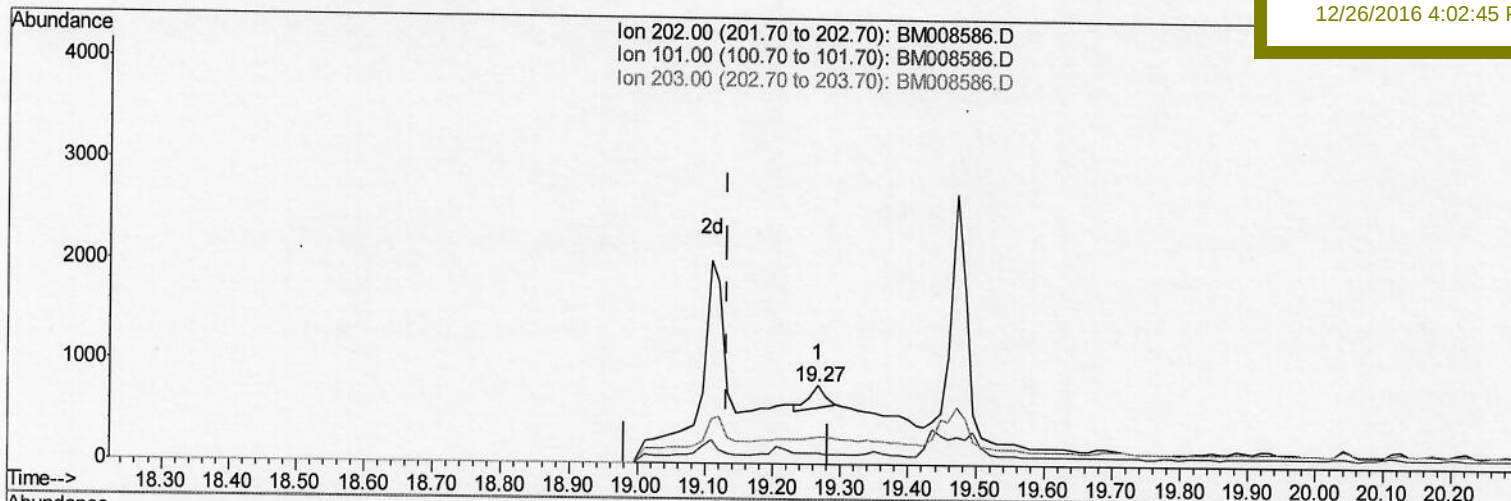
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
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 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
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TIC: BM008586.D

(15) Fluoranthene (C)

19.266min (+0.134) 0.07ng/ul

response 389

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 14.21 |
| 203.00 | 19.50 | 34.44 |
| 0.00   | 0.00  | 0.00  |

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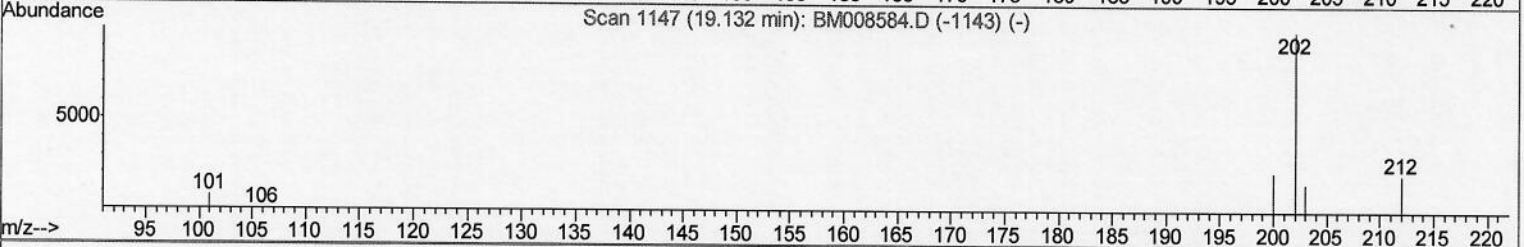
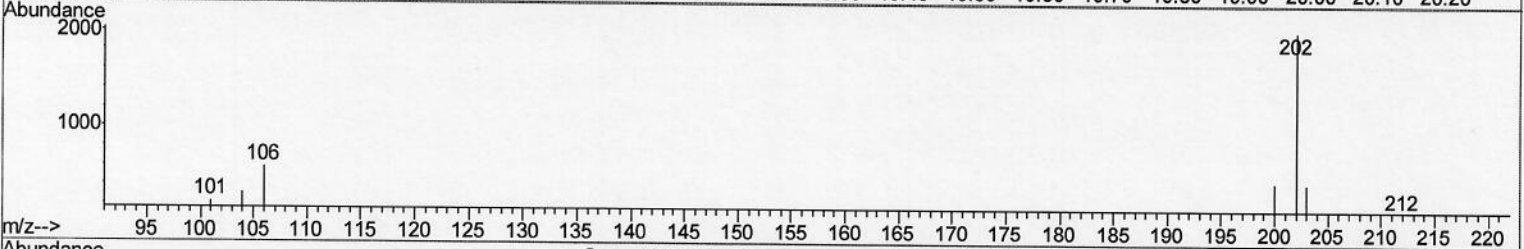
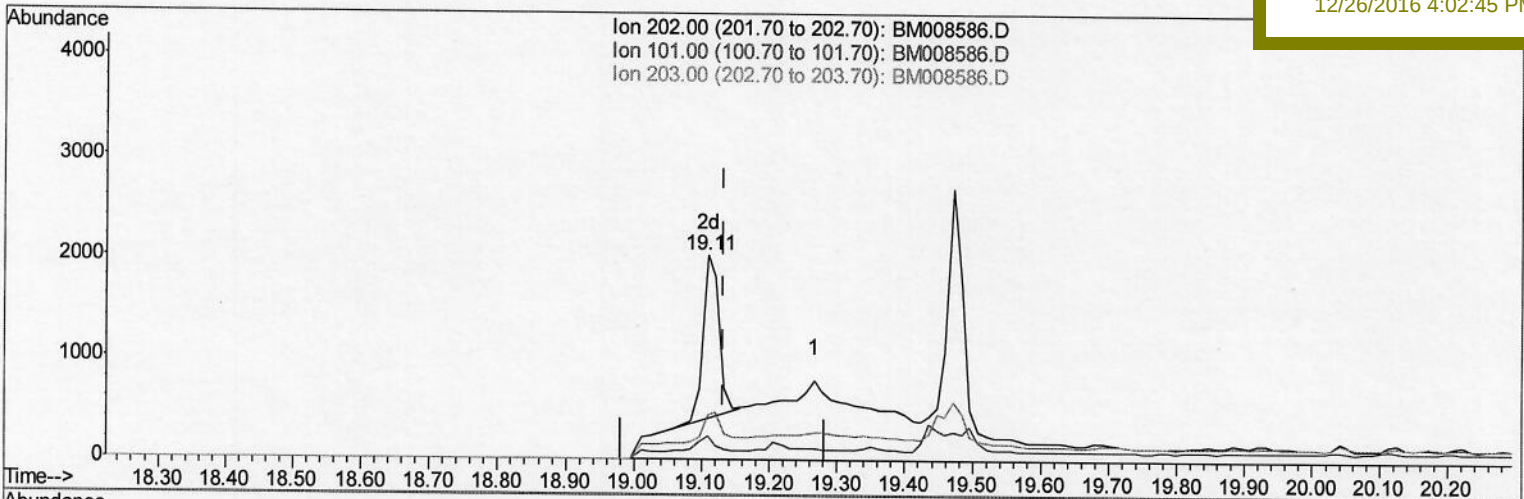
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA846

Quant Time: Dec 23 15:17:09 2016  
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 QLast Update : Fri Dec 23 15:11:17 2016  
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**Manual Integrations**  
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TIC: BM008586.D

(15) Fluoranthene (C)

19.109min (-0.024) 0.50ng/ul m

response 2695

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 11.33 |
| 203.00 | 19.50 | 21.97 |
| 0.00   | 0.00  | 0.00  |

*S-J*  
*12/24/16*

# Quantitation Report (Qedit)

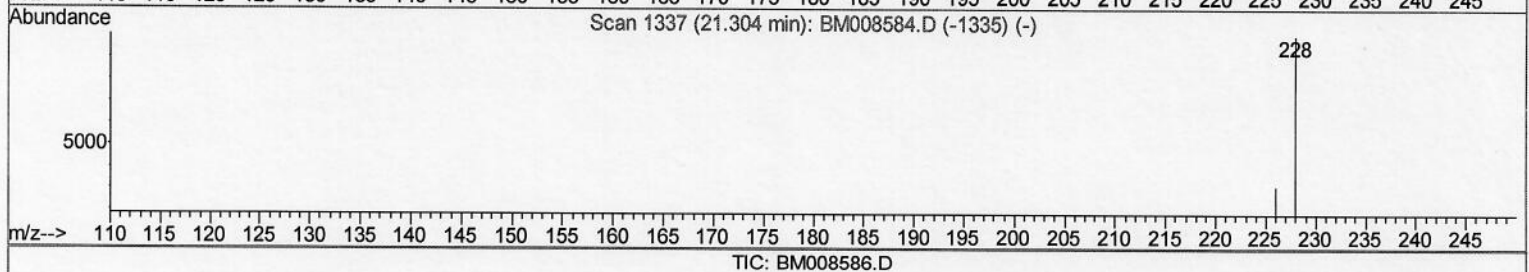
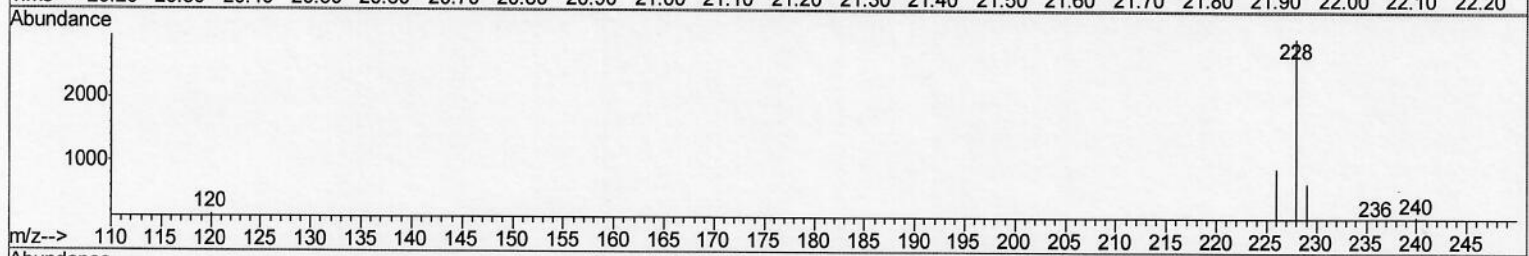
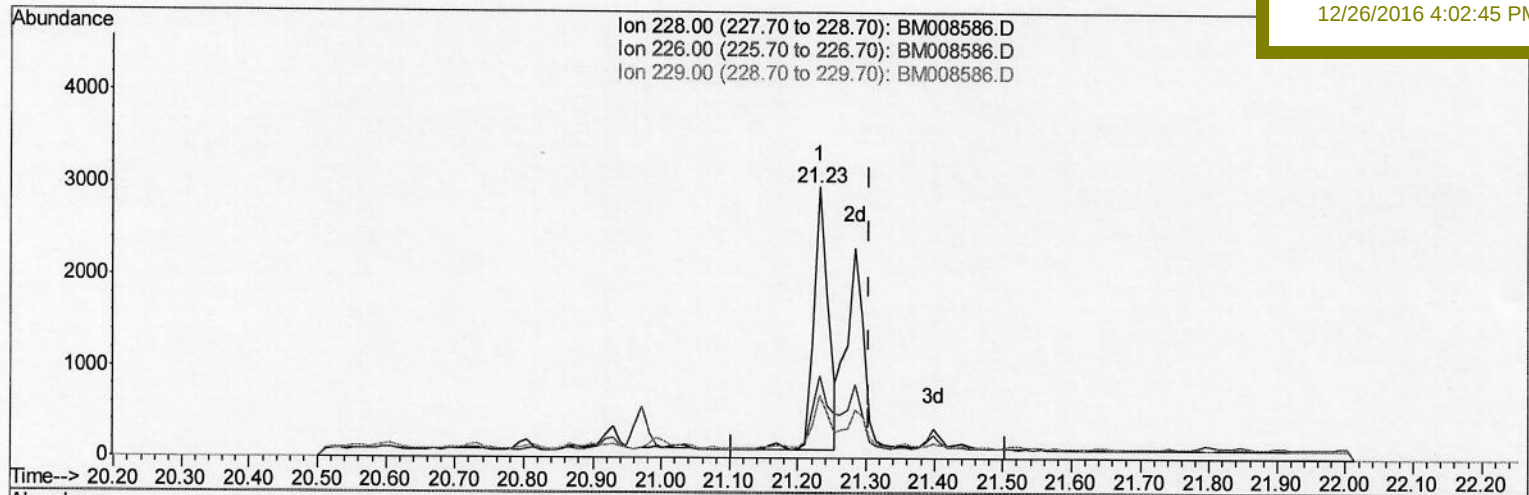
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
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 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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(19) Chrysene

21.232min (-0.072) 0.75ng/ul

response 4071

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.20 | 30.64 |
| 229.00 | 22.10 | 23.22 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

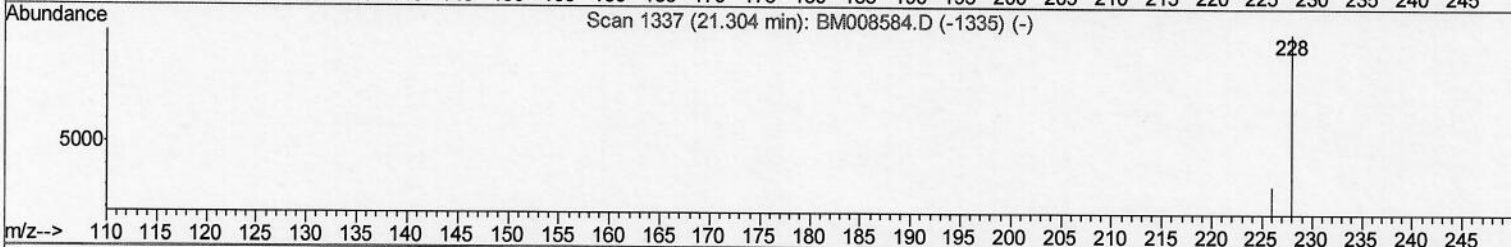
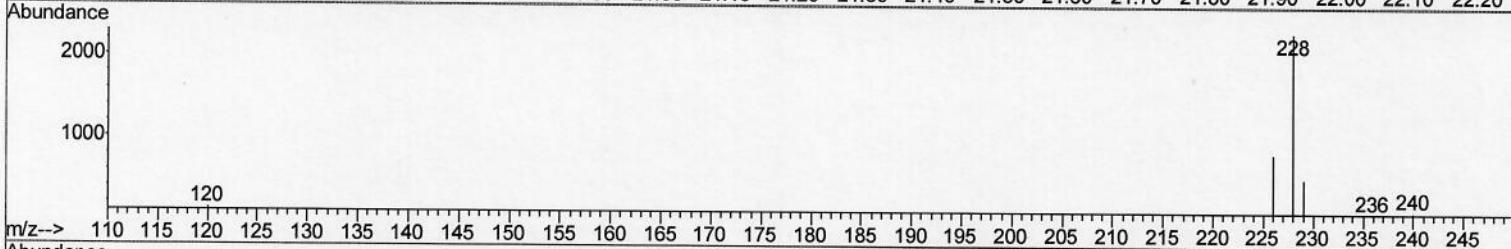
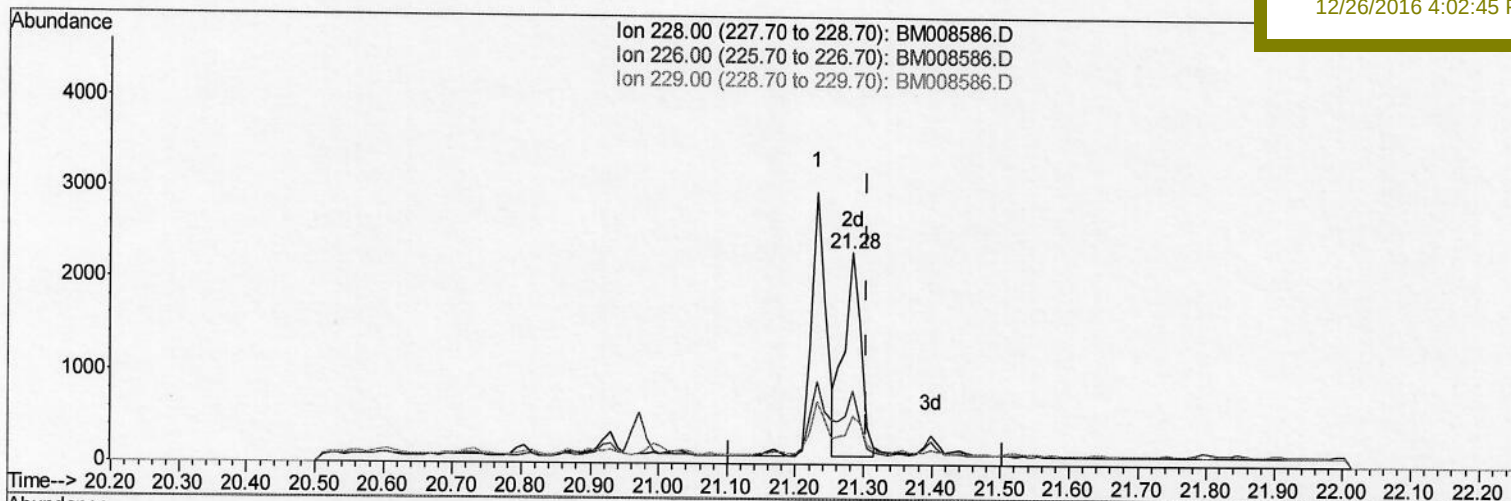
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
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 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
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 DA846

Manual Integrations  
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TIC: BM008586.D

(19) Chrysene

21.284min (-0.020) 0.70ng/ul m

response 3842

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.20 | 35.43# |
| 229.00 | 22.10 | 22.75  |
| 0.00   | 0.00  | 0.00   |

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 12/24/16

# Quantitation Report (Qedit)

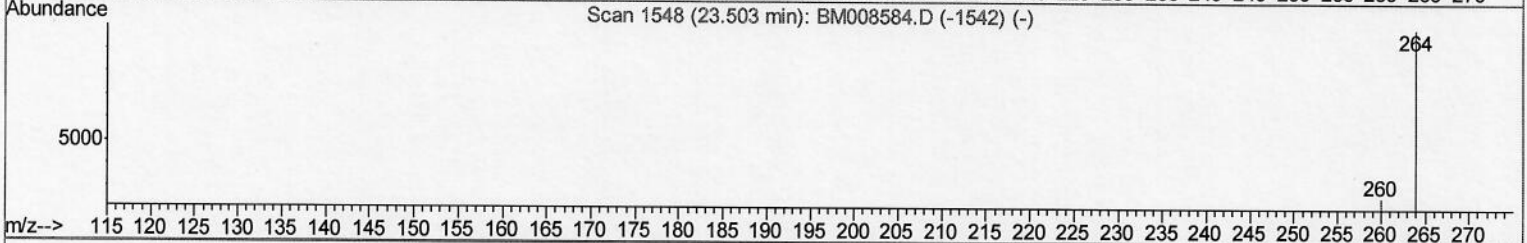
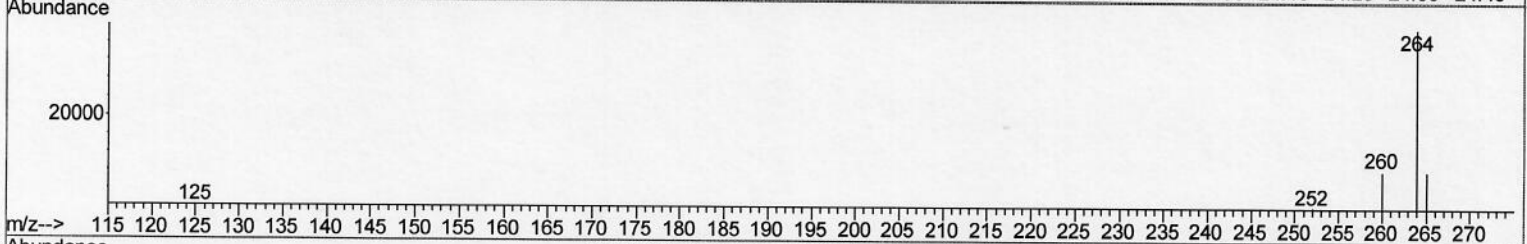
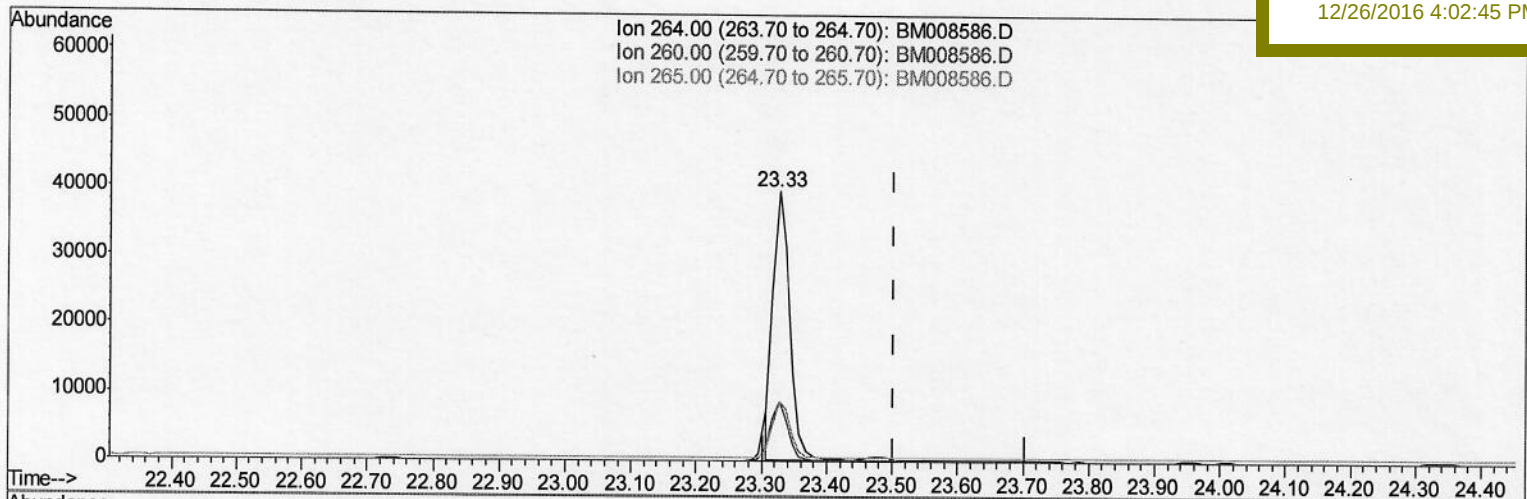
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(20) Perylene-d12 (I)

23.327min (-0.177) 0.40ng/ul

response 71217

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.83# |
| 265.00 | 103.50 | 21.68# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

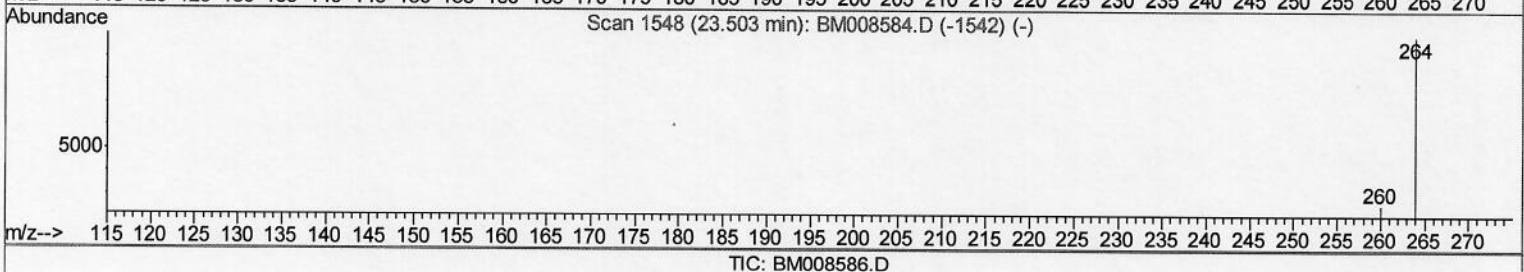
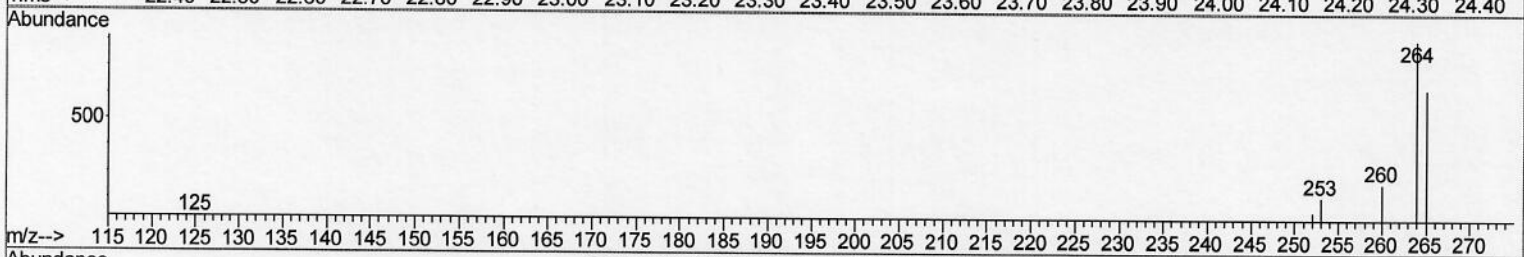
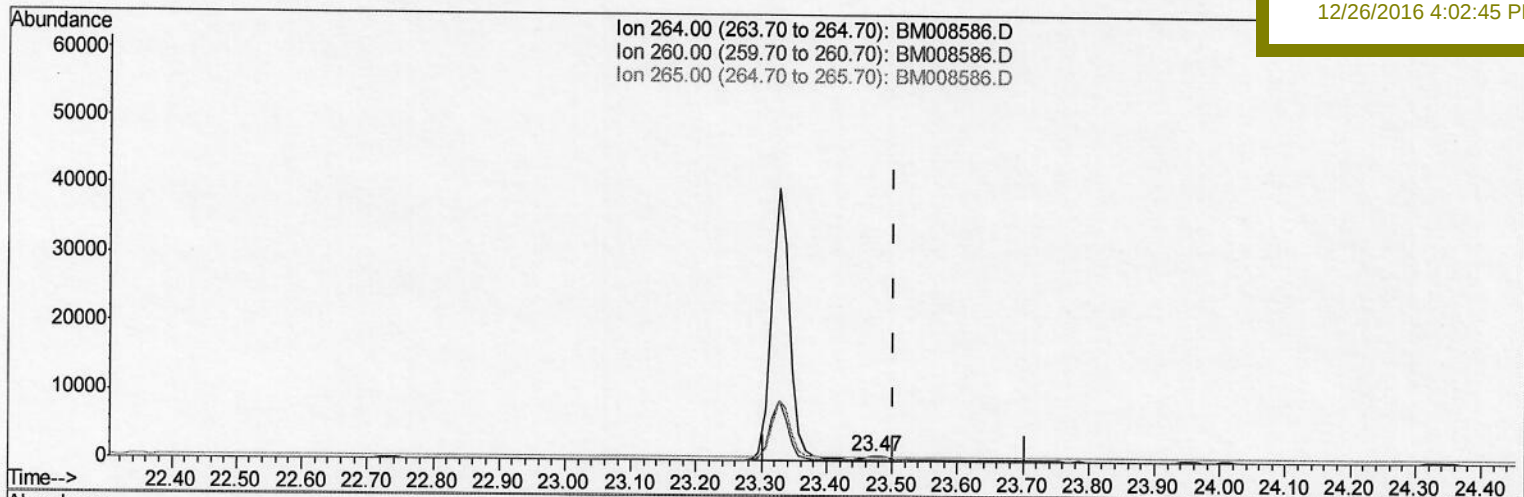
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
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(20) Perylene-d12 (I)  
 23.473min (-0.031) 0.40ng/ul m  
 response 1190  

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 32.72  |
| 265.00 | 103.50 | 77.00# |
| 0.00   | 0.00   | 0.00   |

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# Quantitation Report (Qedit)

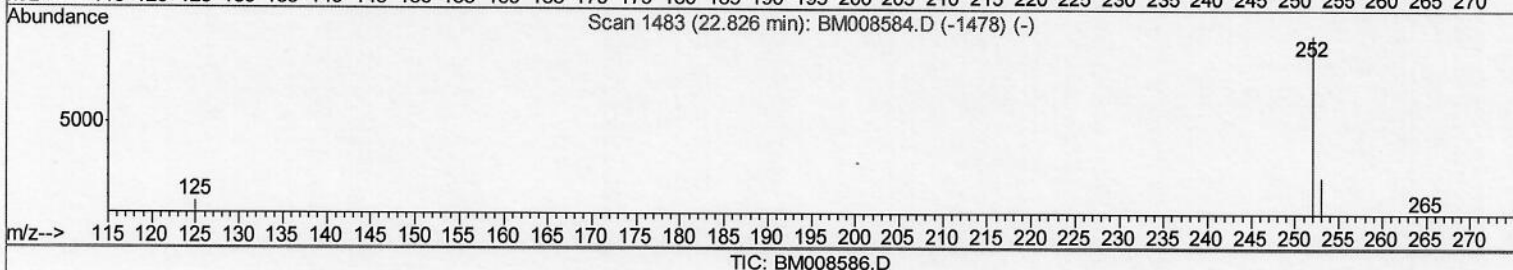
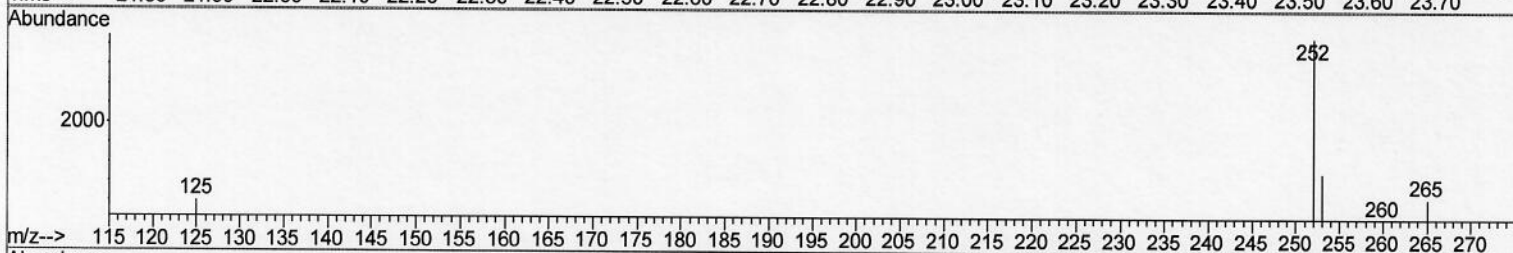
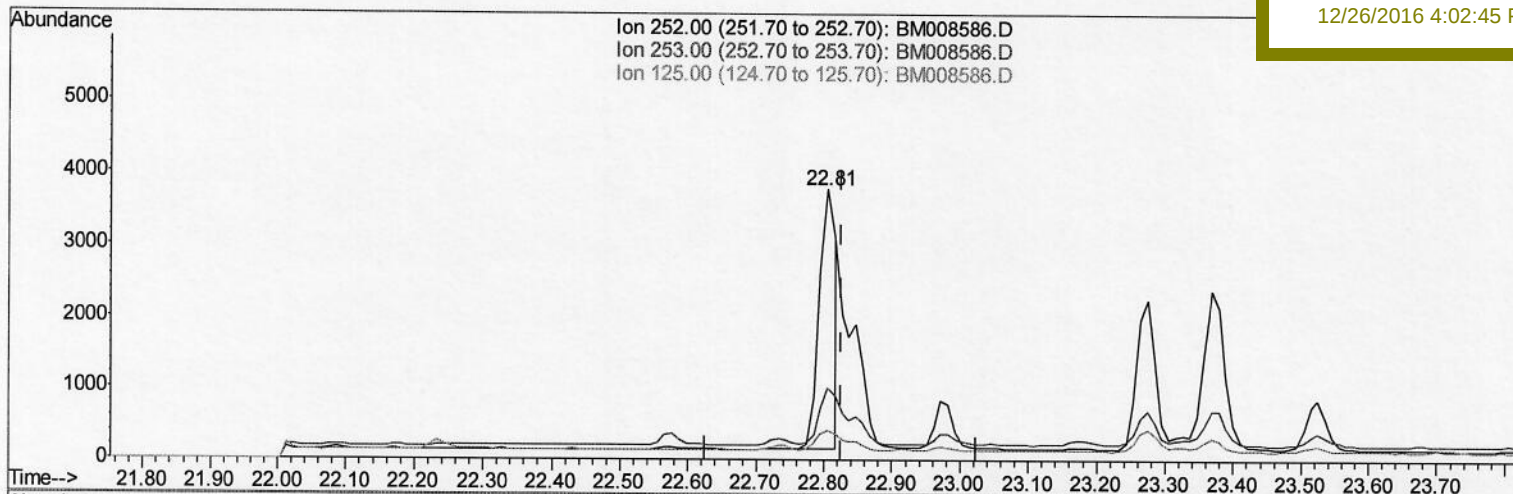
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
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(21) Benzo(b)fluoranthene

22.805min (-0.020) 1.32ng/ul

response 6185

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 26.52 |
| 125.00 | 17.50 | 10.88 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

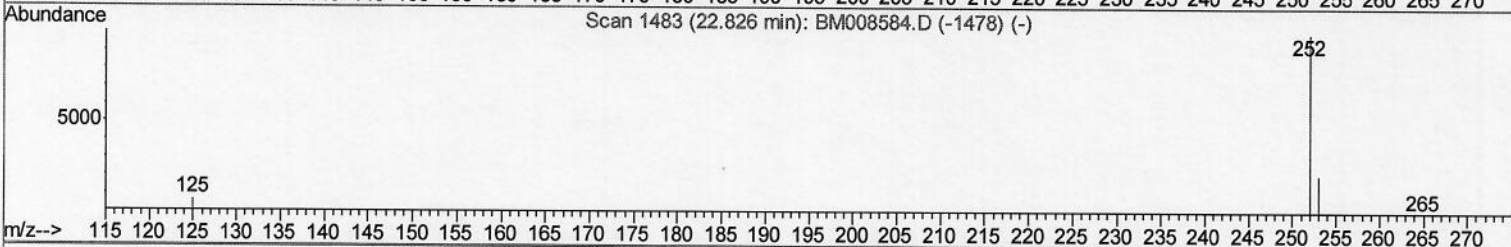
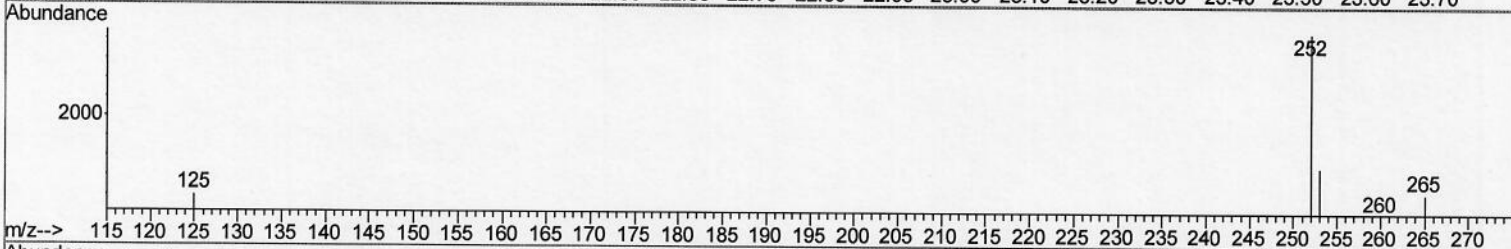
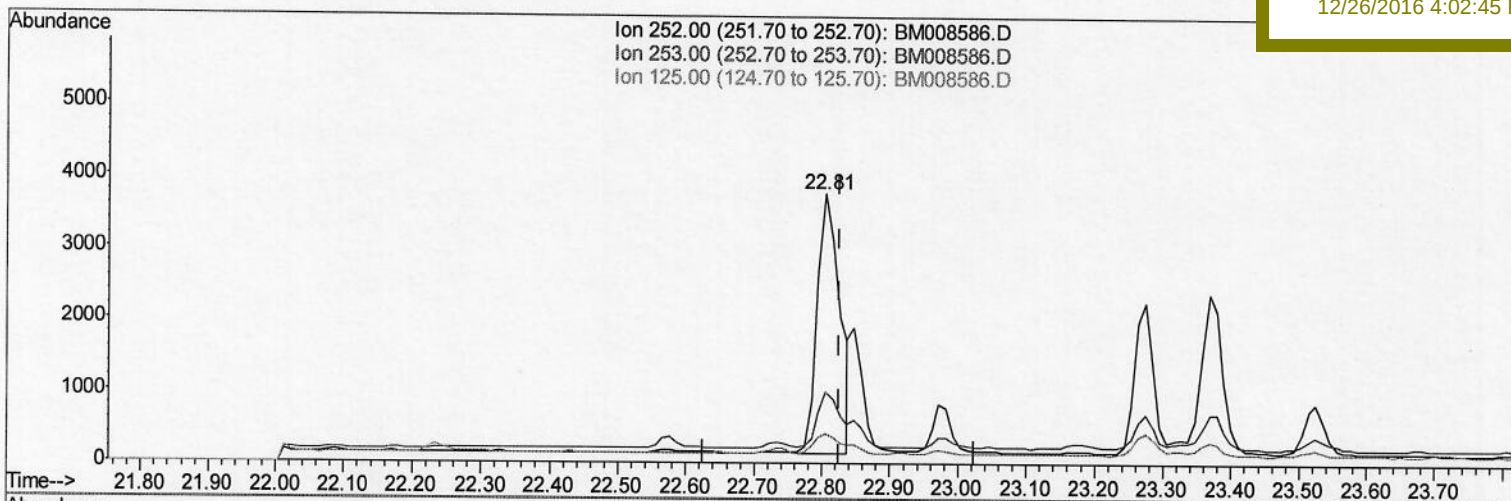
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 DA846

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

Manual Integrations  
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TIC: BM008586.D

(21) Benzo(b)fluoranthene

22.805min (-0.020) 1.79ng/ul m

response 8393

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 26.52 |
| 125.00 | 17.50 | 10.88 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

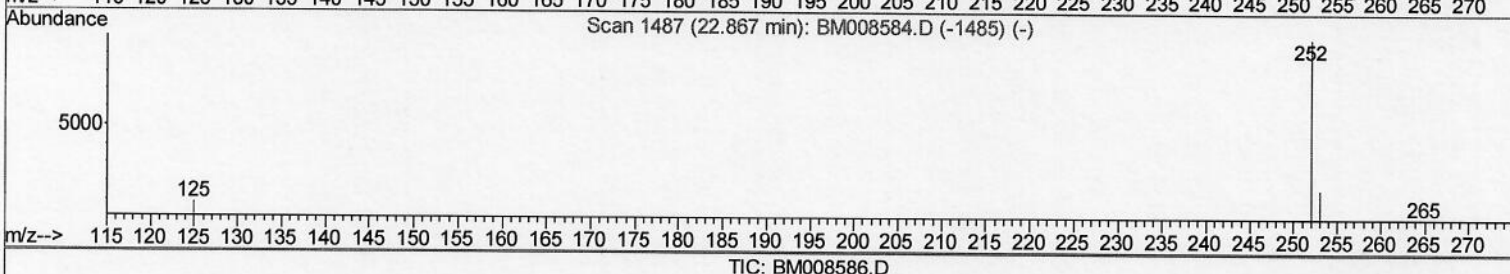
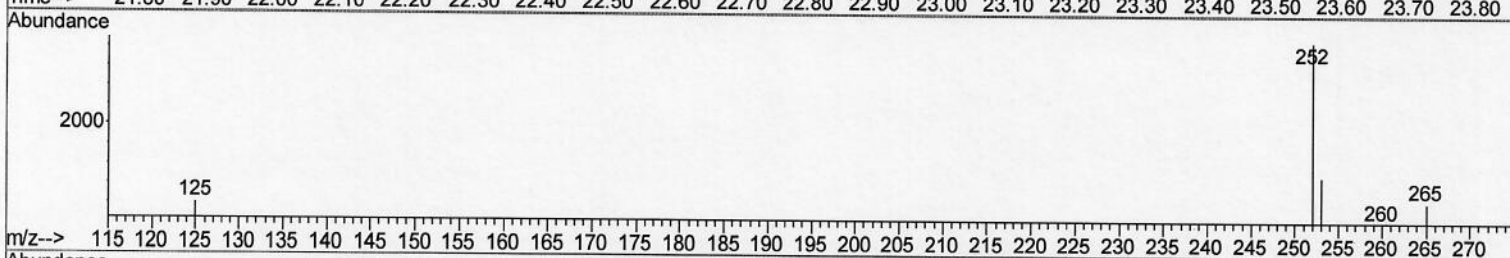
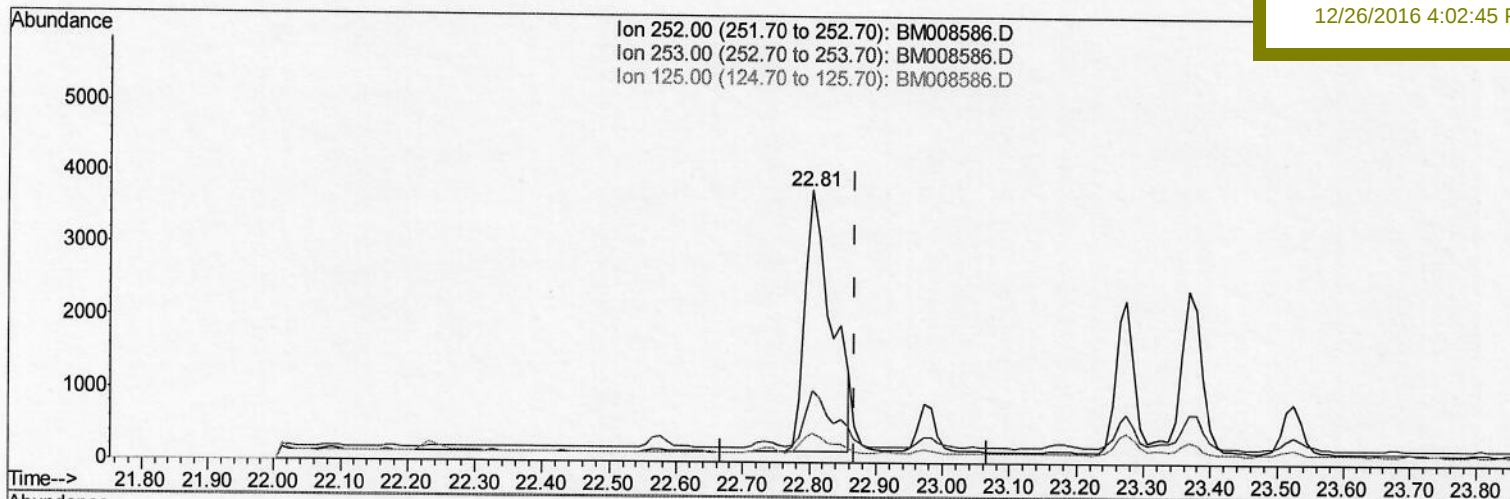
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA846

**Manual Integrations**  
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TIC: BM008586.D

(22) Benzo(k)fluoranthene  
 22.805min (-0.062) 2.21ng/ul  
 response 10121

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 26.52  |
| 125.00 | 17.10 | 10.88# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

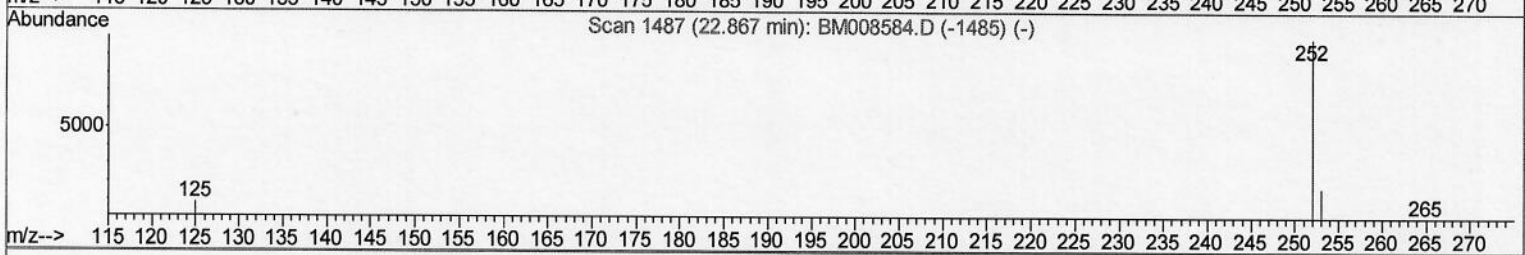
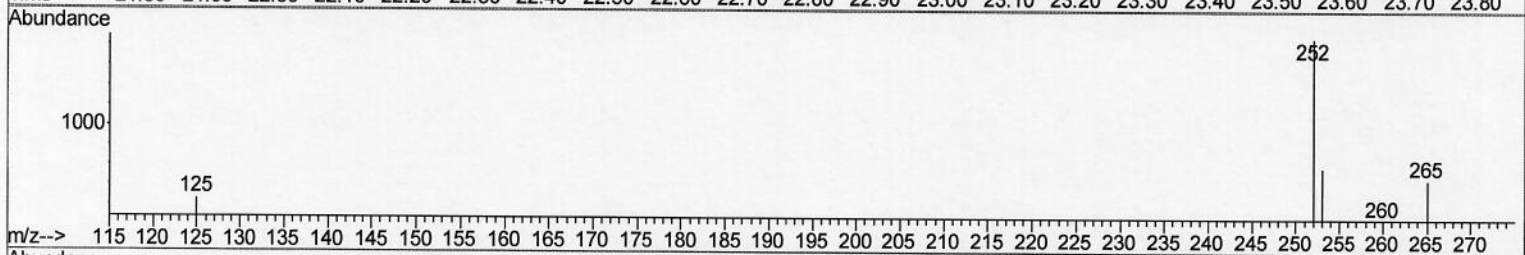
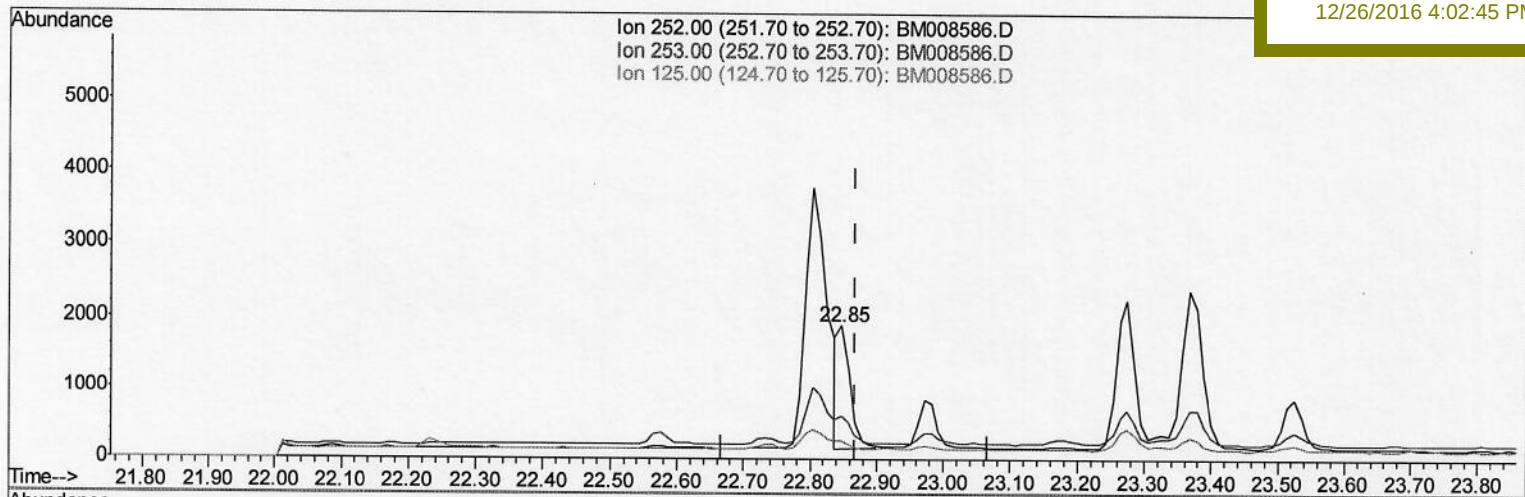
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 Client Sampled :  
 DA846

Manual Integrations  
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TIC: BM008586.D

(22) Benzo(k)fluoranthene

22.847min (-0.020) 0.47ng/ul m

response 2158

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 31.57  |
| 125.00 | 17.10 | 13.61# |
| 0.00   | 0.00  | 0.00   |

*S-J*  
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# Quantitation Report (Qedit)

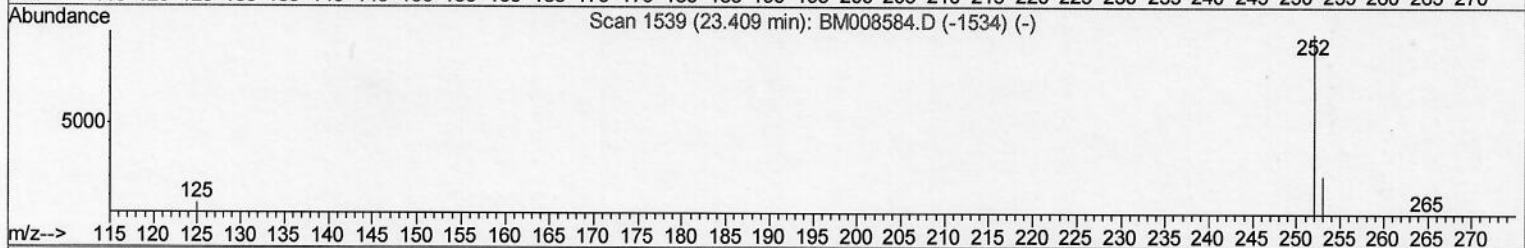
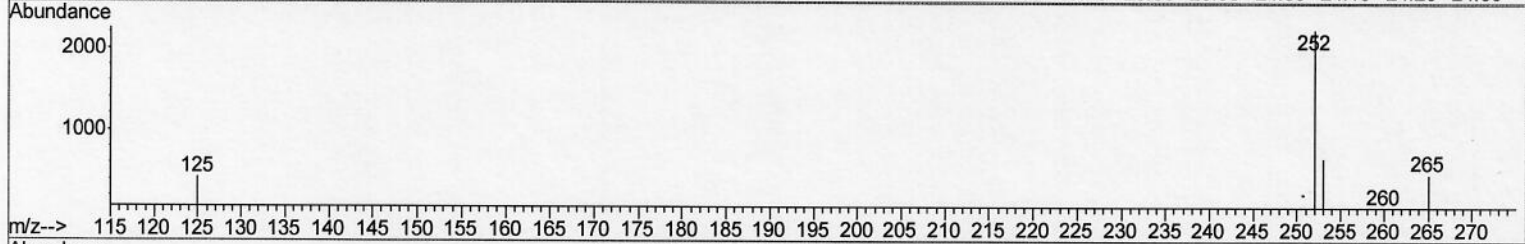
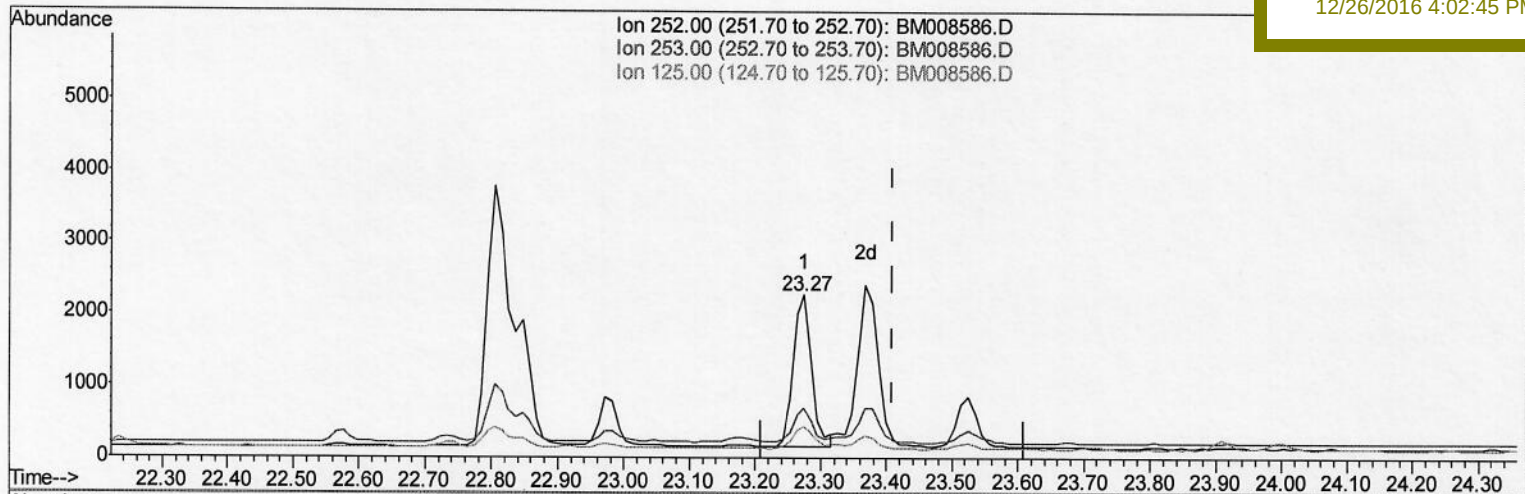
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA846

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

**Manual Integrations**  
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TIC: BM008586.D

(23) Benzo(a)pyrene (C)  
 23.274min (-0.135) 0.94ng/ul  
 response 4093

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 35.60 | 30.19 |
| 125.00 | 22.60 | 18.81 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

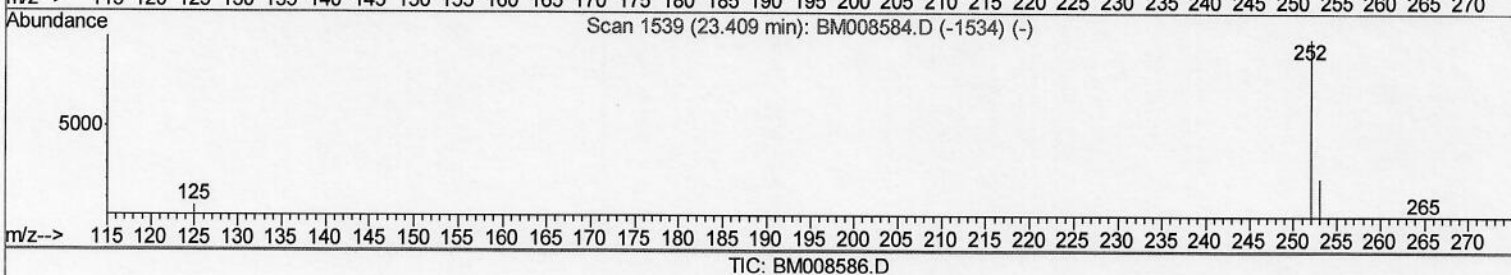
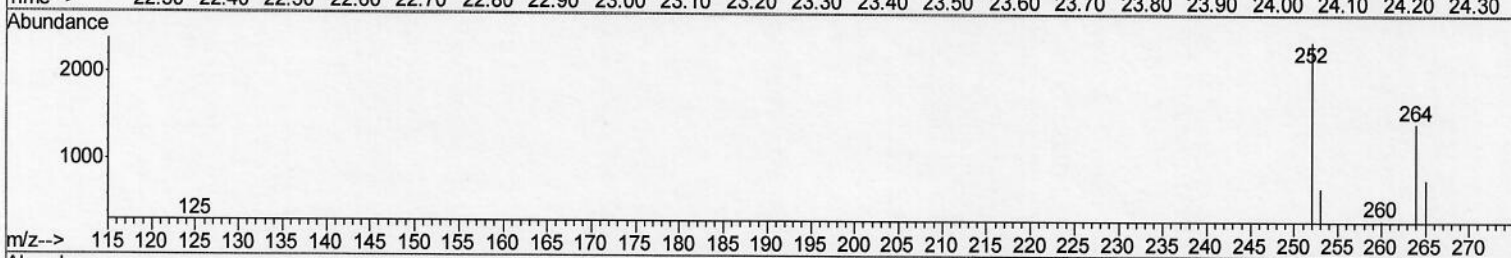
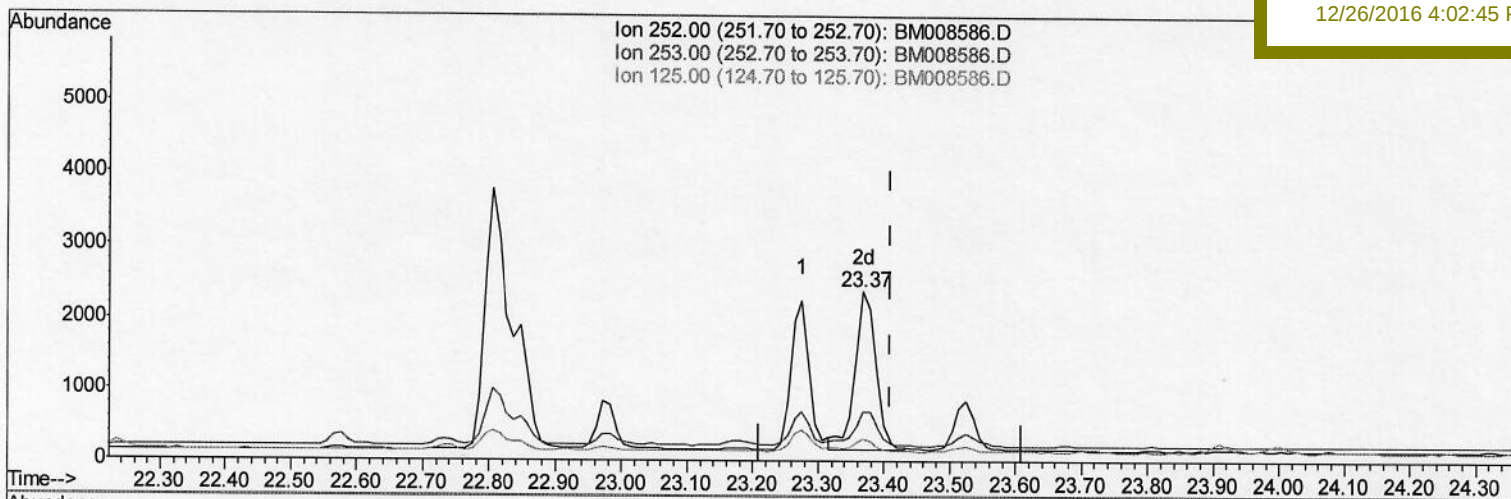
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA846

Manual Integrations  
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TIC: BM008586.D

(23) Benzo(a)pyrene (C)  
 23.368min (-0.041) 1.14ng/ul m  
 response 4964  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 28.98  |
| 125.00 | 22.60 | 13.06# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

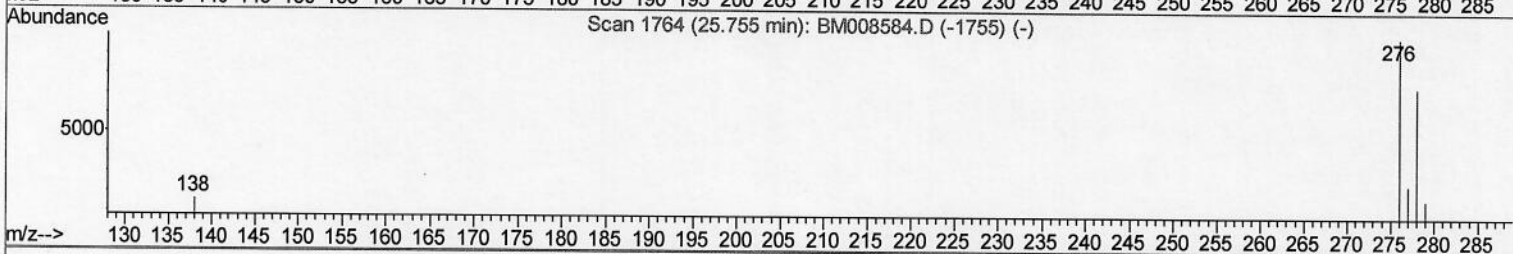
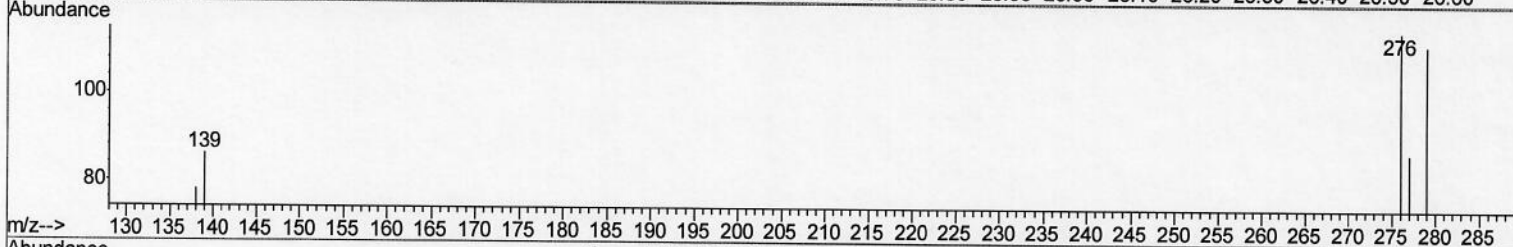
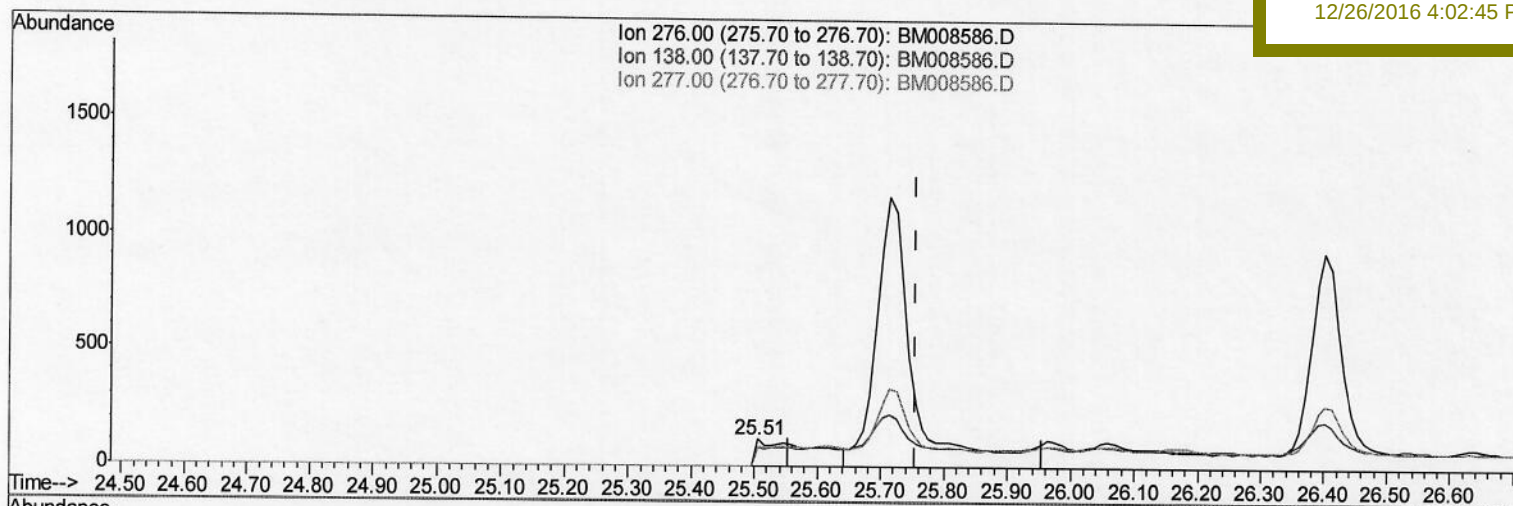
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA846

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

**Manual Integrations**  
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TIC: BM008586.D

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

25.505min (-0.250) 0.15ng/ul

response 767

| 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  |

# Quantitation Report (Qedit)

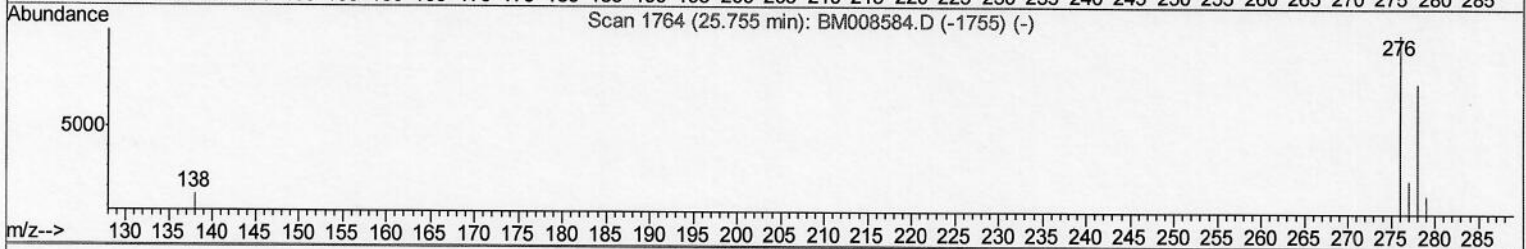
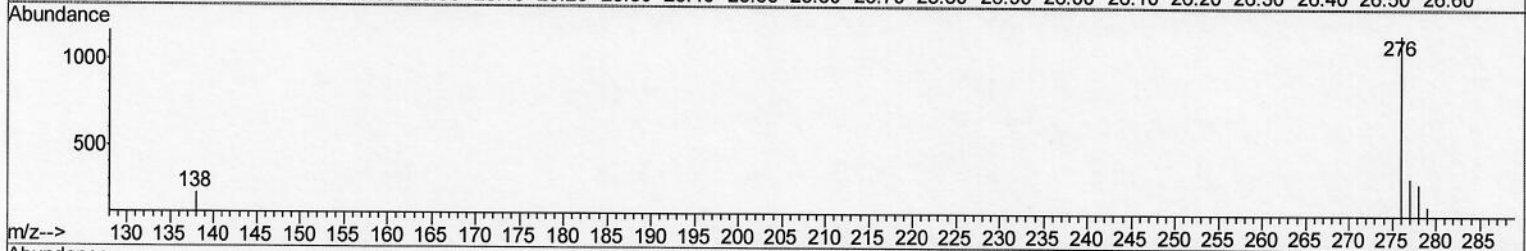
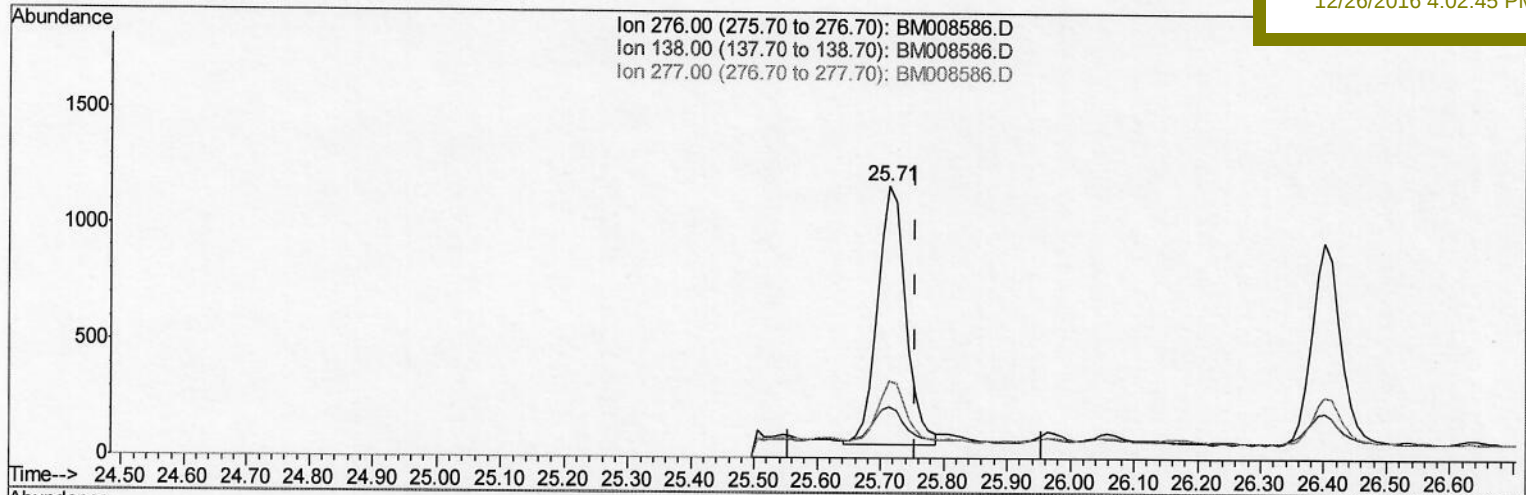
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA846

Manual Integrations  
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TIC: BM008586.D

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

25.714min (-0.041) 0.67ng/ul m

response 3450

| 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)

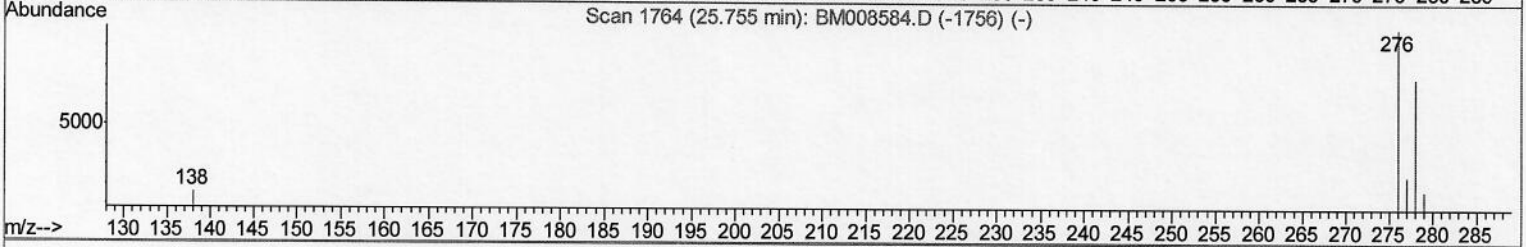
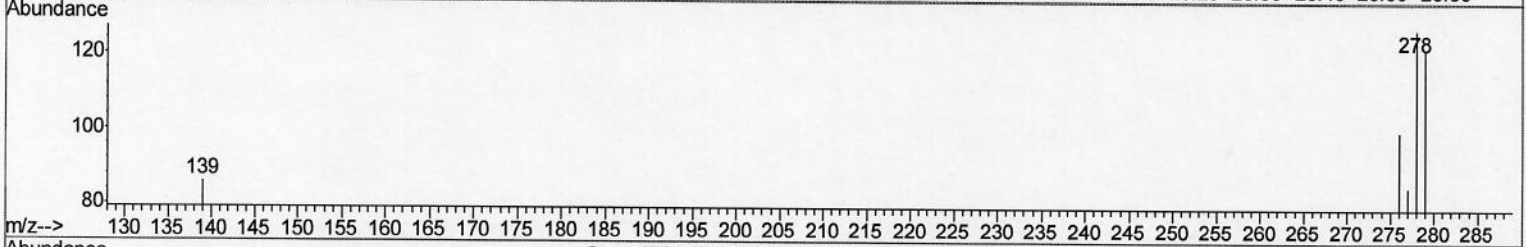
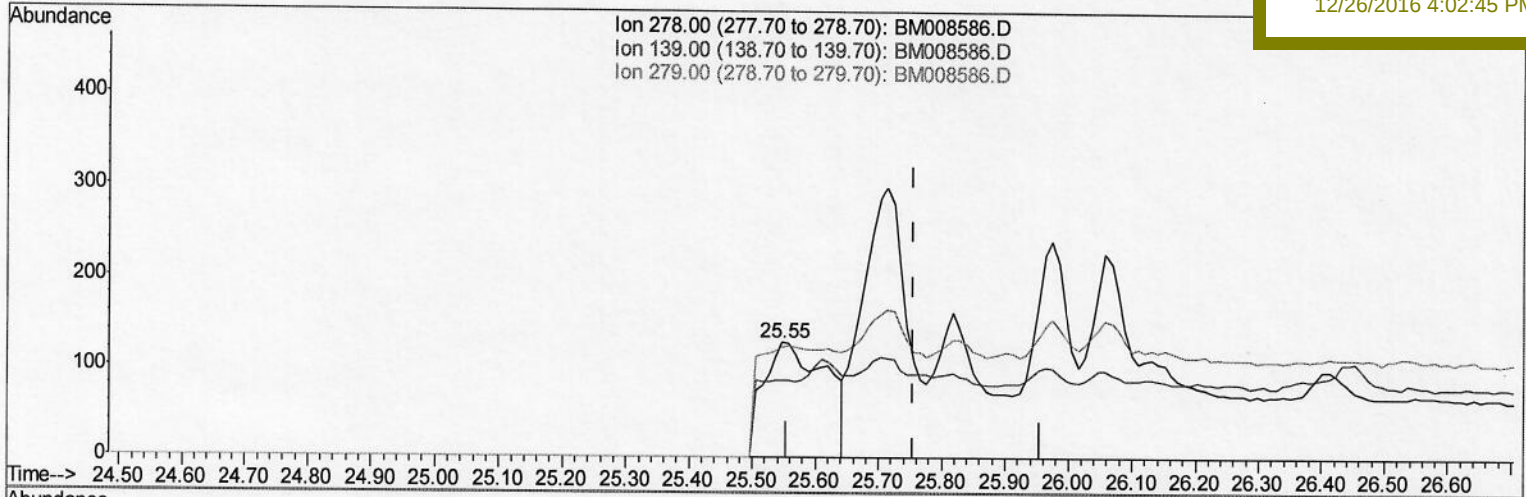
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA846

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

**Manual Integrations**  
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TIC: BM008586.D

(25) Dibenzo(a,h)anthracene

25.547min (-0.208) 0.21ng/ul

response 874

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 21.70 | 67.72# |
| 279.00 | 32.40 | 96.06# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

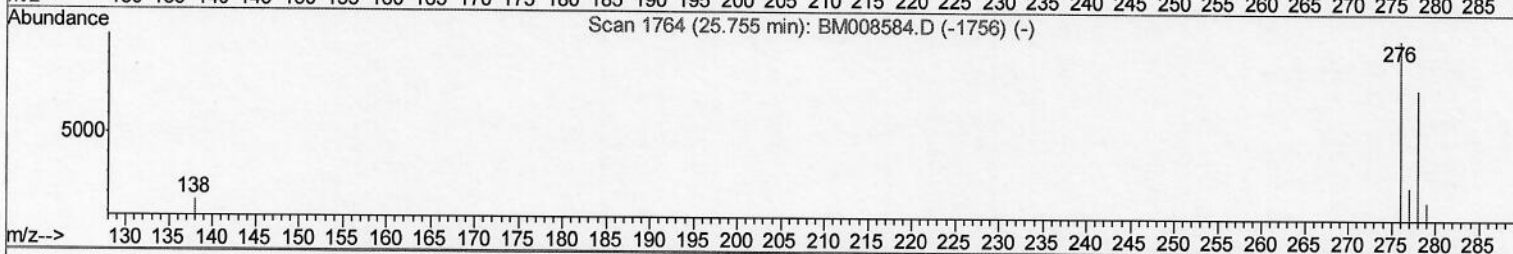
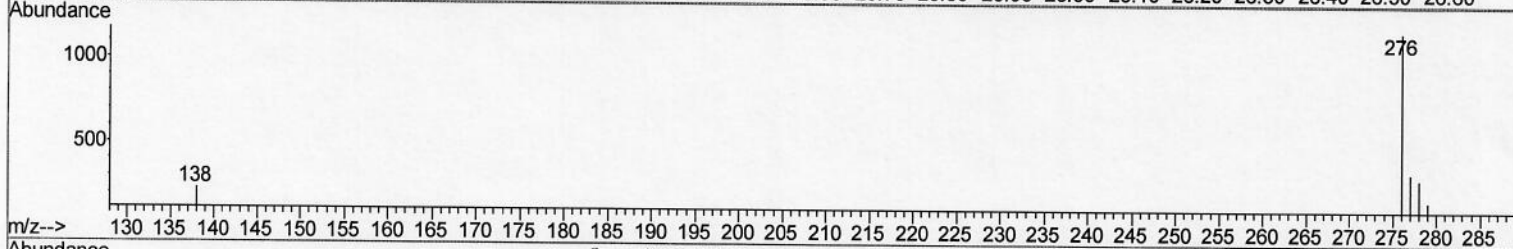
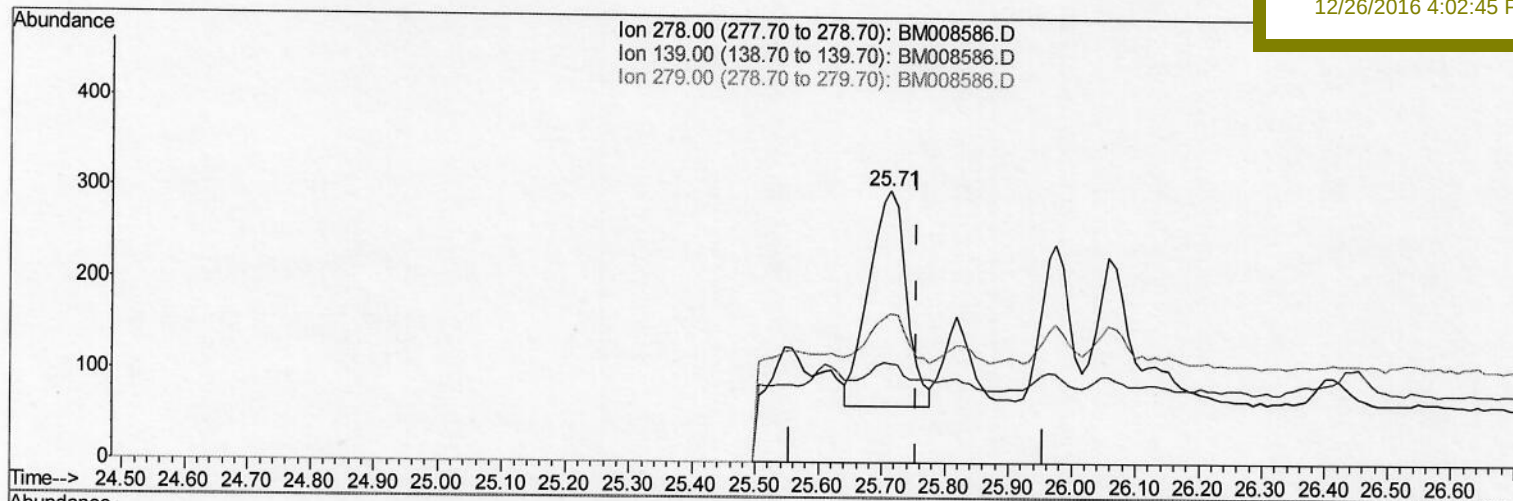
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA846

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
 Response via : Initial Calibration

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(25) Dibenzo(a,h)anthracene

25.714min (-0.041) 0.23ng/ul m

response 964

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 21.70 | 36.79# |
| 279.00 | 32.40 | 55.18# |
| 0.00   | 0.00  | 0.00   |

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## Quantitation Report (Qedit)

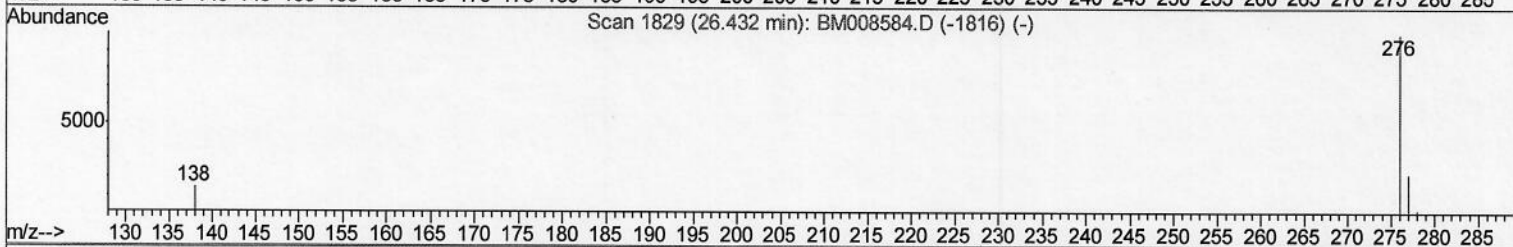
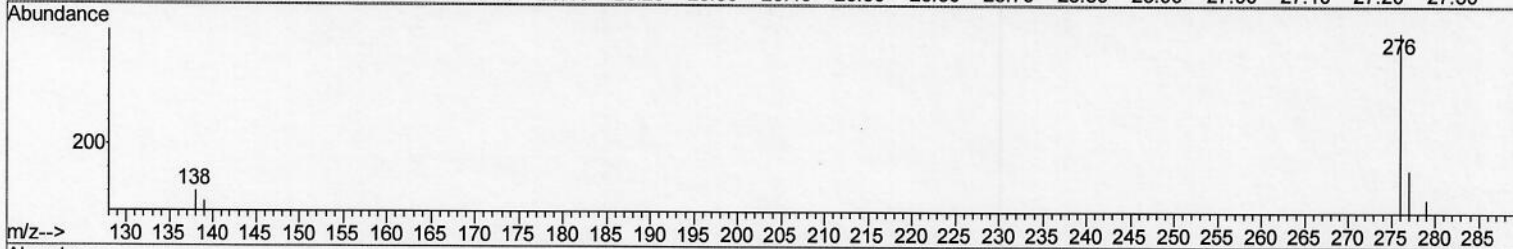
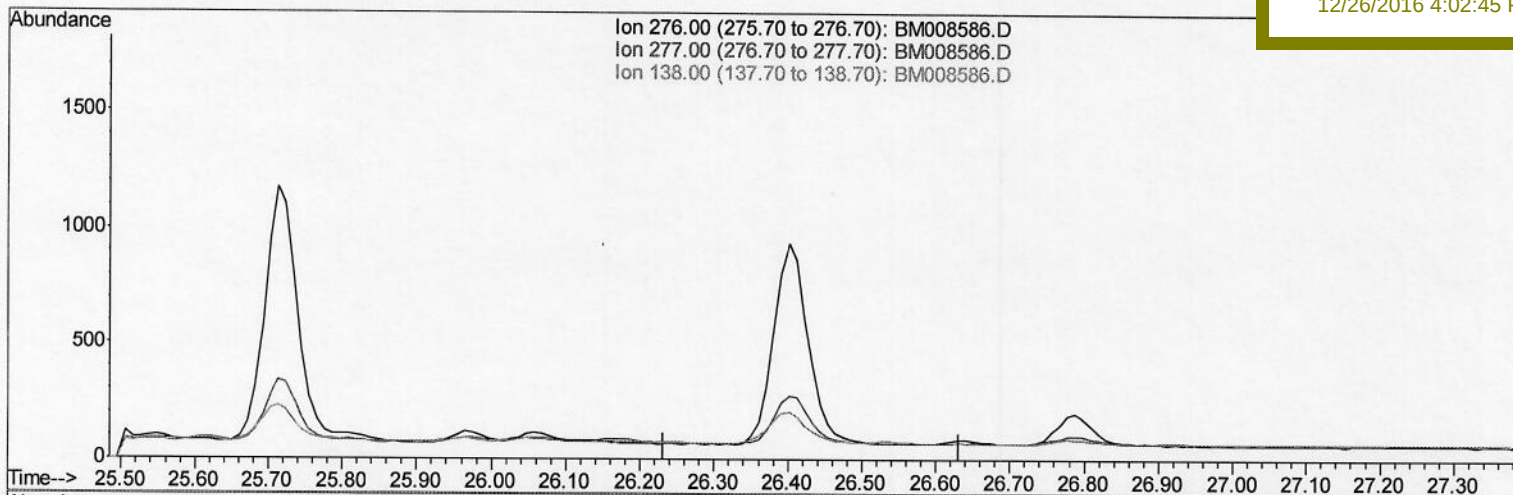
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
Data File : BM008586.D  
Acq On : 23 Dec 2016 09:29  
Operator : UM/SJ  
Sample : H5970-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA846

Manual Integrations  
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TIC: BM008586.D

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

26.432min (-26.432) 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)

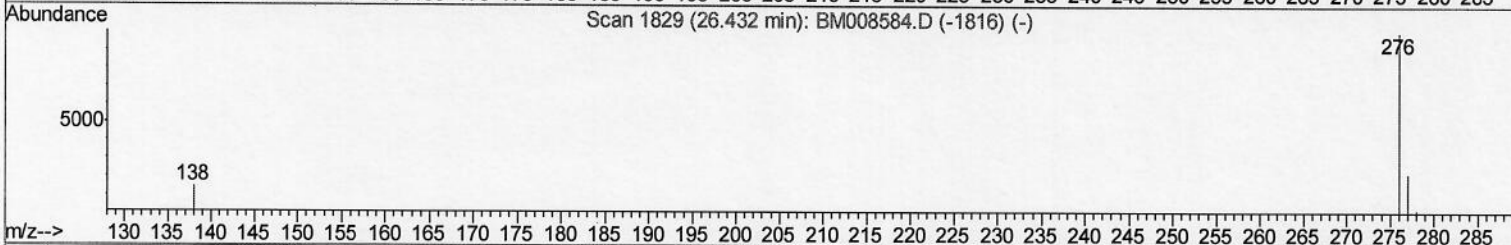
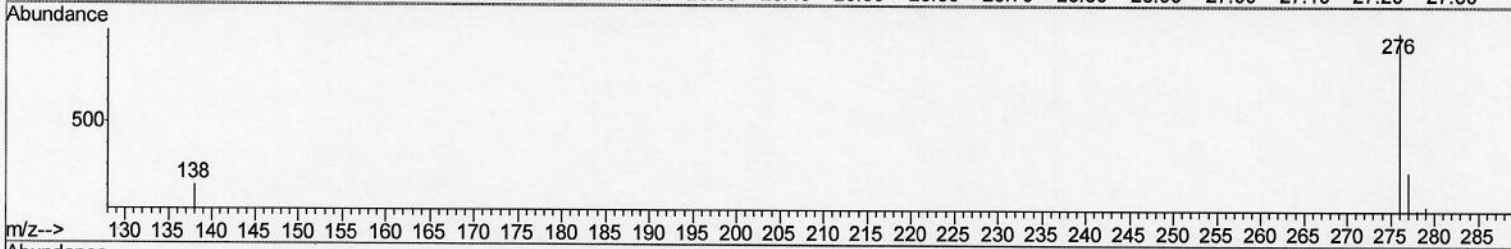
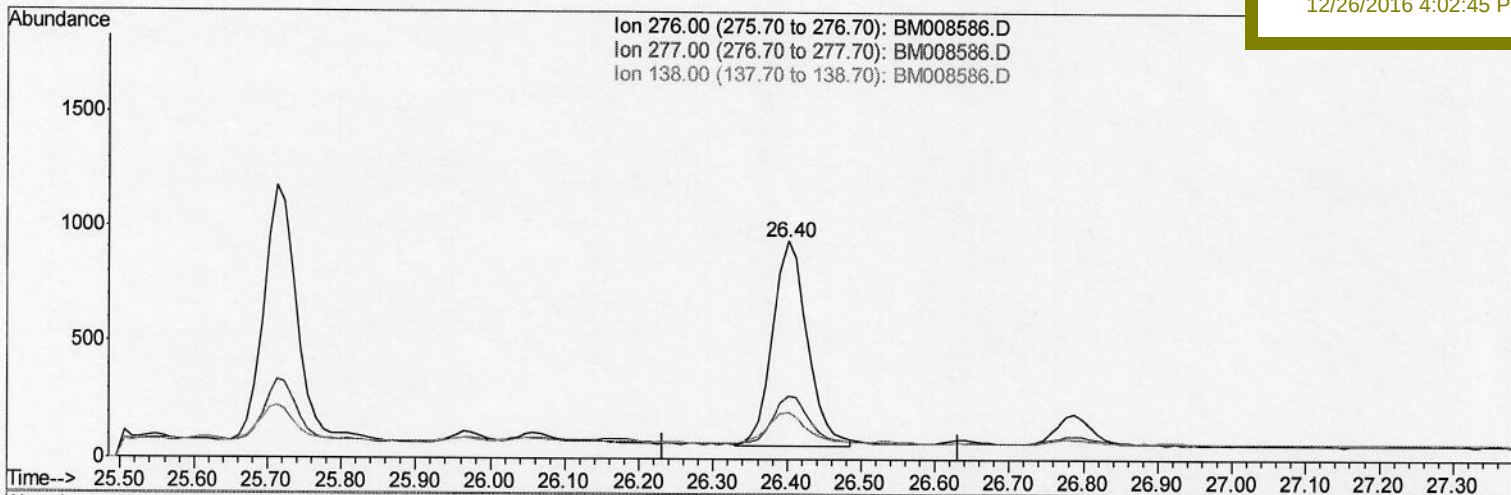
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
Data File : BM008586.D  
Acq On : 23 Dec 2016 09:29  
Operator : UM/SJ  
Sample : H5970-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 15:19:17 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 23 15:11:17 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA846

Manual Integrations  
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TIC: BM008586.D

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

26.402min (-0.031) 0.65ng/ul m

response 2898

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 277.00 | 27.30 | 29.29 |
| 138.00 | 25.60 | 21.83 |
| 0.00   | 0.00  | 0.00  |

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Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008586.D  
 Acq On : 23 Dec 2016 09:29  
 Operator : UM/SJ  
 Sample : H5970-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA846

Quant Time: Dec 23 15:21:18 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 23 15:11:17 2016  
 Response via : Initial Calibration

Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev (Min) |
|-----------------------------|-------|------|----------|------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 369      | 0.40 | ng/ul  | -0.08     |
| 2) Naphthalene-d8           | 10.43 | 136  | 1161     | 0.40 | ng/ul  | -0.06     |
| 6) Acenaphthene-d10         | 14.28 | 164  | 700      | 0.40 | ng/ul  | -0.03     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 1432m    | 0.40 | ng/ul  | -0.05     |
| 16) Chrysene-d12            | 21.25 | 240  | 1516     | 0.40 | ng/ul  | -0.02     |
| 20) Perylene-d12            | 23.47 | 264  | 1190m    | 0.40 | ng/ul  | -0.03     |
| System Monitoring Compounds |       |      |          |      |        |           |
| 4) 2-Methylnaphthalene-d10  | 12.04 | 152  | 447      | 0.25 | ng/ul  | -0.06     |
| 14) Fluoranthene-d10        | 19.08 | 212  | 878      | 0.22 | ng/ul  | -0.02     |
| Target Compounds            |       |      |          |      | Qvalue |           |
| 3) Naphthalene              | 10.48 | 128  | 442      | 0.14 | ng/ul# | 67        |
| 5) 2-Methylnaphthalene      | 12.11 | 142  | 531      | 0.24 | ng/ul  | 93        |
| 7) Acenaphthylene           | 14.01 | 152  | 657      | 0.21 | ng/ul# | 80        |
| 8) Acenaphthene             | 14.35 | 153  | 102      | 0.04 | ng/ul# | 82        |
| 9) Fluorene                 | 15.34 | 166  | 162      | 0.06 | ng/ul# | 67        |
| 12) Phenanthrene            | 17.07 | 178  | 1140m    | 0.26 | ng/ul  |           |
| 13) Anthracene              | 17.18 | 178  | 1193m    | 0.28 | ng/ul  |           |
| 15) Fluoranthene            | 19.11 | 202  | 2695m    | 0.50 | ng/ul  |           |
| 17) Pyrene                  | 19.47 | 202  | 4702     | 0.80 | ng/ul  | 98        |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 4071     | 0.82 | ng/ul  | 96        |
| 19) Chrysene                | 21.28 | 228  | 3842m    | 0.70 | ng/ul  |           |
| 21) Benzo(b)fluoranthene    | 22.81 | 252  | 8393m    | 1.79 | ng/ul  |           |
| 22) Benzo(k)fluoranthene    | 22.85 | 252  | 2158m    | 0.47 | ng/ul  |           |
| 23) Benzo(a)pyrene          | 23.37 | 252  | 4964m    | 1.14 | ng/ul  |           |
| 24) Indeno(1,2,3-cd)pyrene  | 25.71 | 276  | 3450m    | 0.67 | ng/ul  |           |
| 25) Dibenzo(a,h)anthracene  | 25.71 | 278  | 964m     | 0.23 | ng/ul  |           |
| 26) Benzo(g,h,i)perylene    | 26.40 | 276  | 2898m    | 0.65 | ng/ul  |           |

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

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
Data File : BM008586.D  
Acq On : 23 Dec 2016 09:29  
Operator : UM/SJ  
Sample : H5970-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 15:21:18 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 23 15:11:17 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA846

Manual Integrations  
APPROVED

sohil  
12/26/2016 4:02:45 PM

