

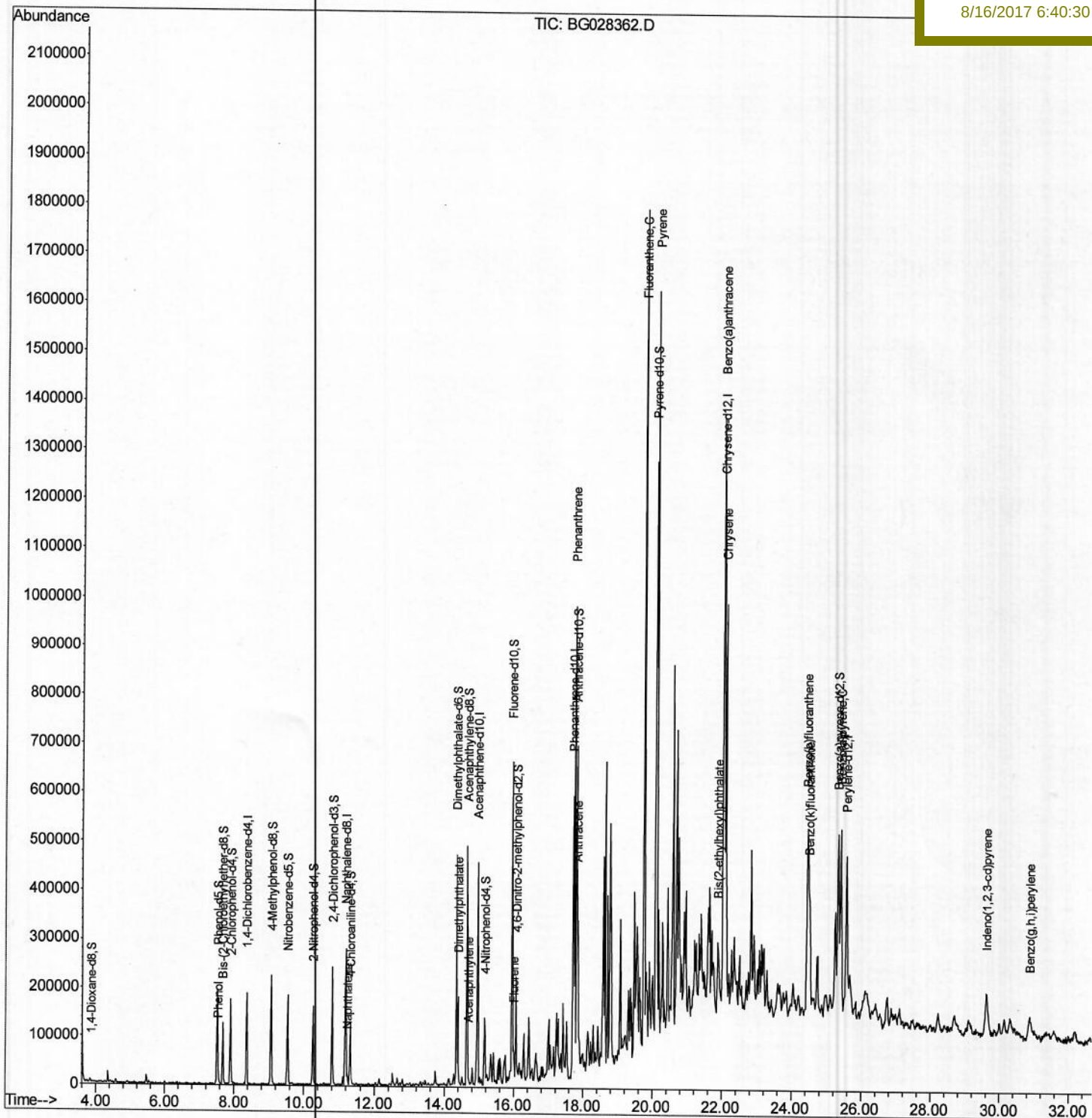
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081517\  
Data File : BG028362.D  
Acq On : 16 Aug 2017 3:17  
Operator : SJ/JU  
Sample : I4672-09  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 13:54:05 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Aug 16 04:06:35 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
Client Sample ID :  
C0AH9

Manual Integrations  
APPROVED

Sohil  
8/16/2017 6:40:30 PM



# Quantitation Report (Qedit)

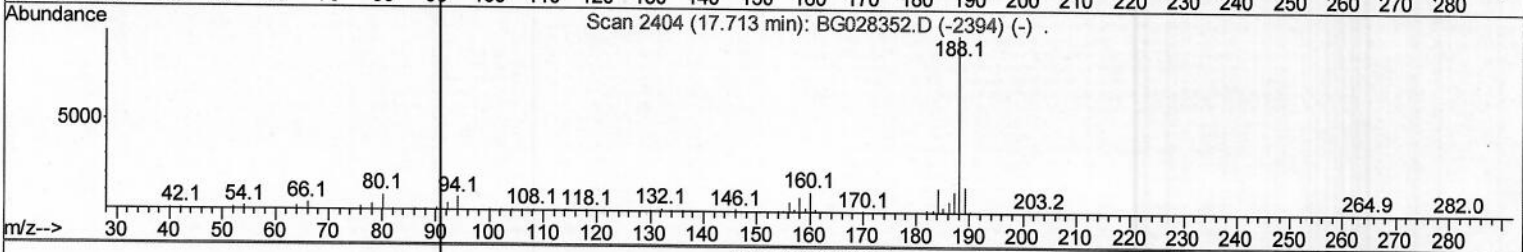
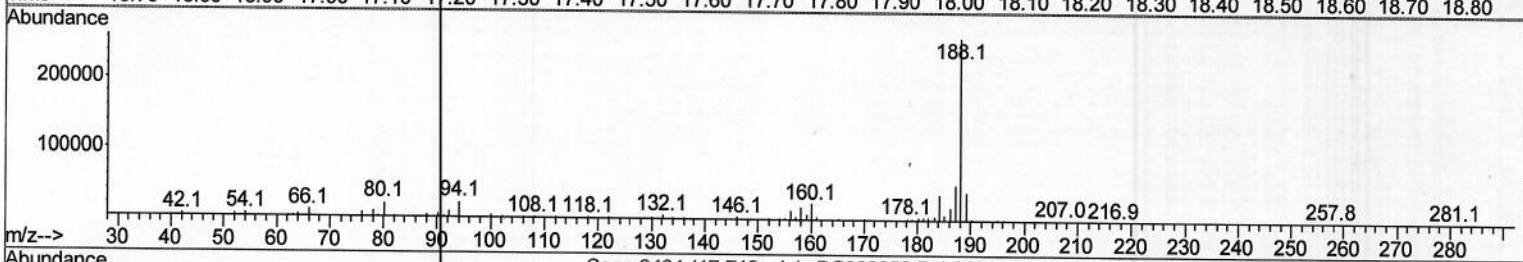
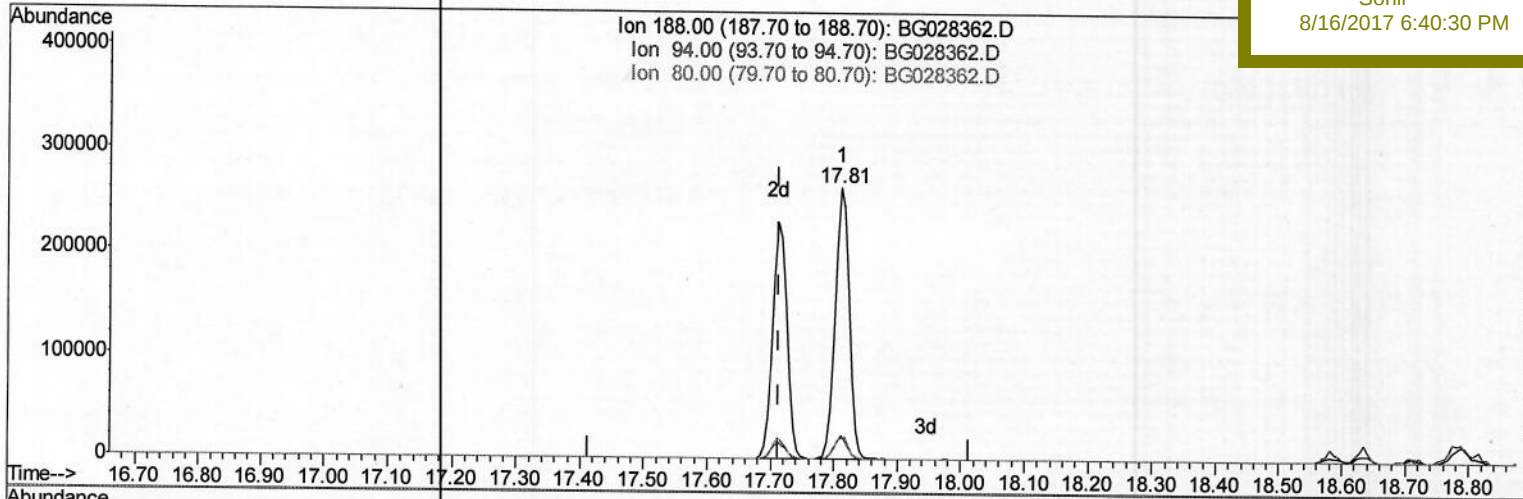
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 04:09:57 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
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TIC: BG028362.D

(61) Phenanthrene-d10 (I)

17.812min (+0.099) 20.00ng/ul

response 412309

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 8.43 |
| 80.00  | 9.50 | 7.80 |
| 0.00   | 0.00 | 0.00 |

# Quantitation Report (Qedit)

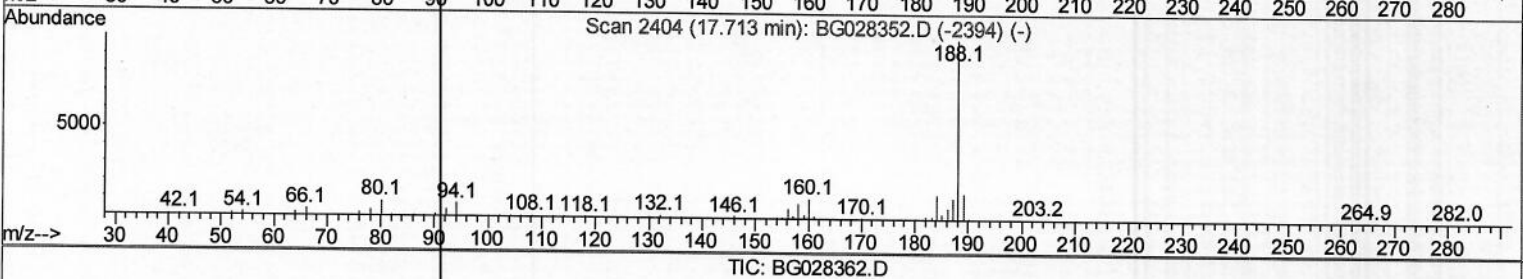
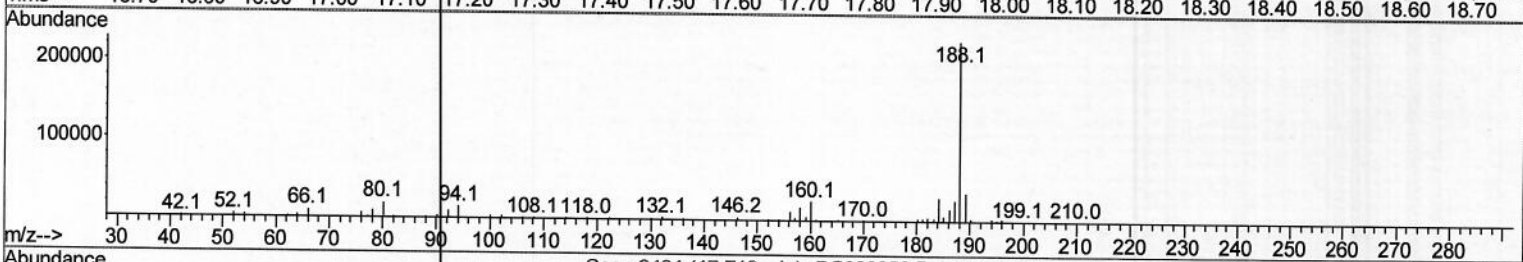
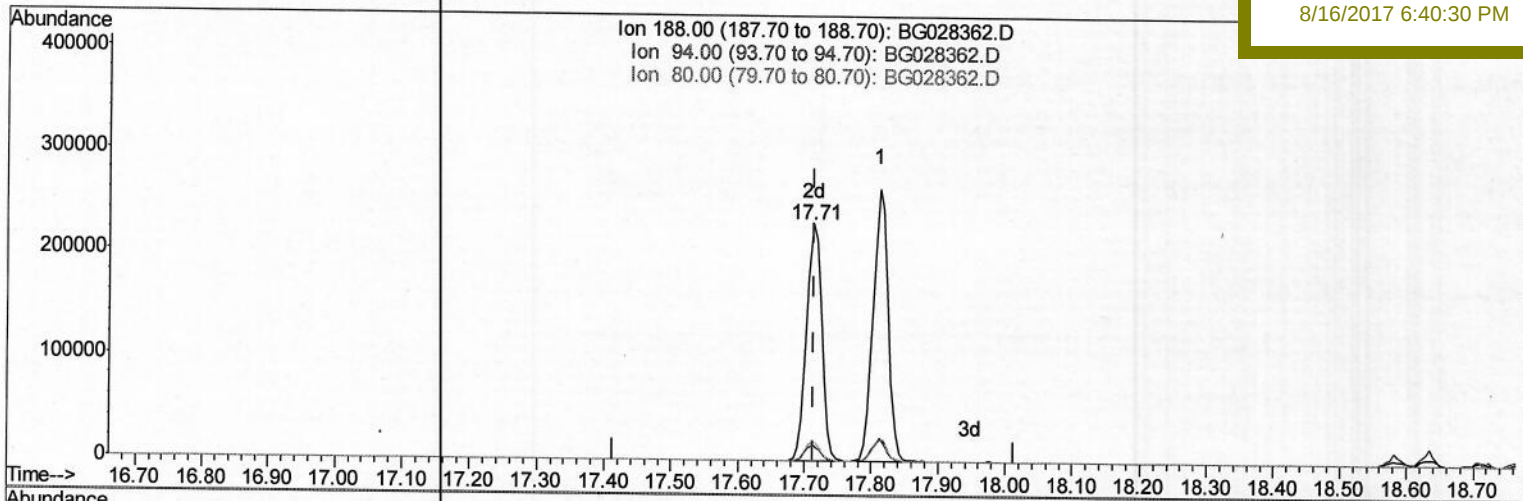
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 04:09:57 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



(61) Phenanthrene-d10 (I)  
 17.712min (-0.001) 20.00ng/ul m  
 response 367616

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.80 | 6.85# |
| 80.00  | 9.50 | 8.40  |
| 0.00   | 0.00 | 0.00  |

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# Quantitation Report (Qedit)

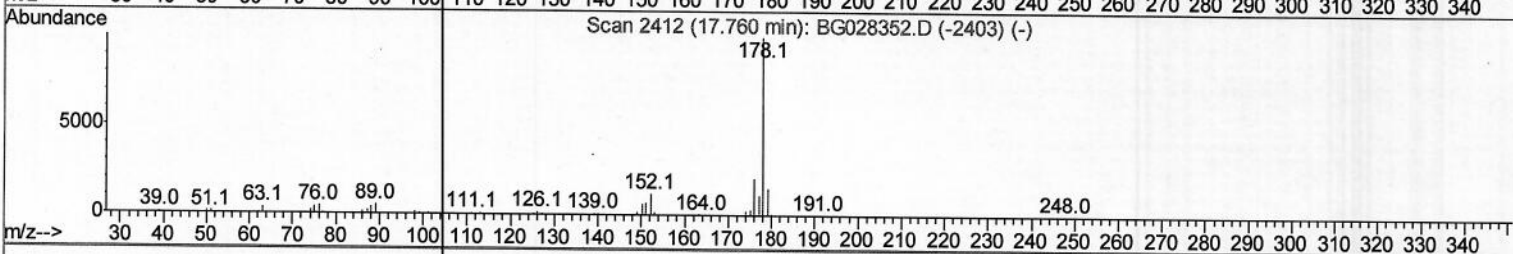
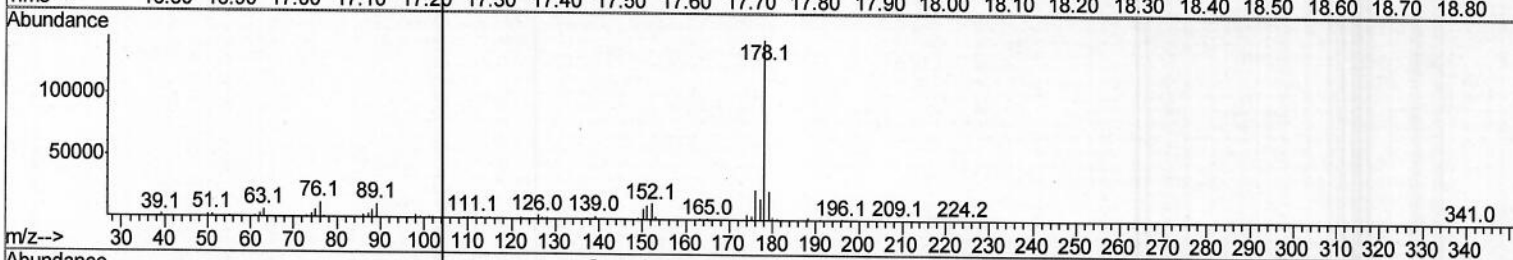
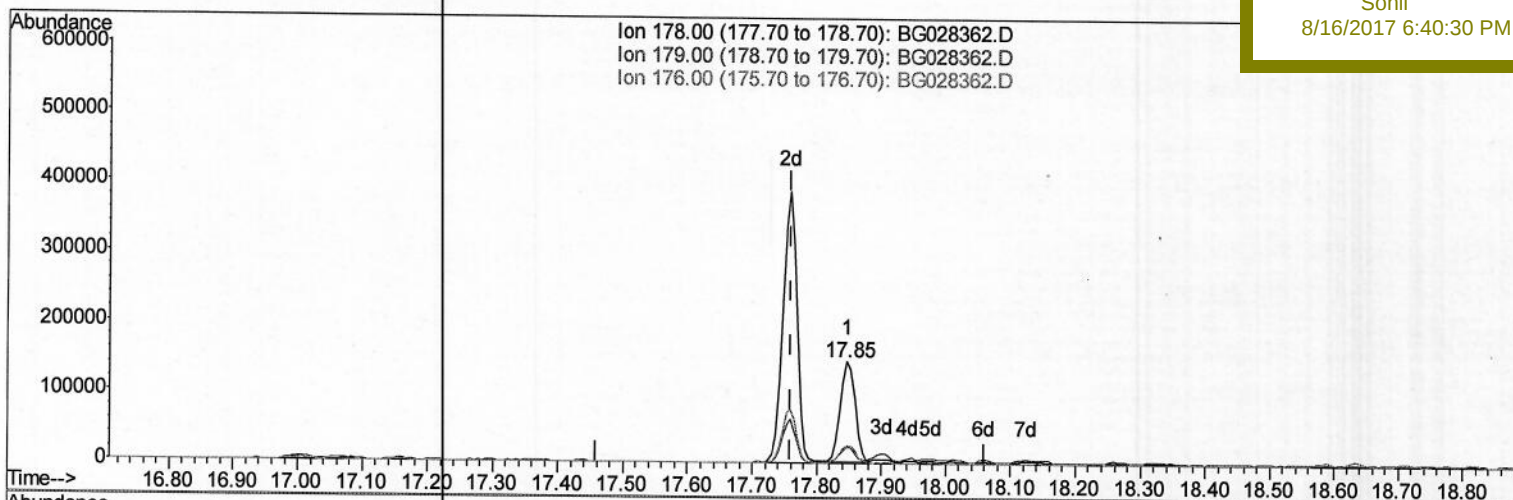
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:00:25 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 Client Sampled :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(69) Phenanthrene  
 17.847min (+0.087) 12.36ng/ul  
 response 228749  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.50 | 15.64 |
| 176.00 | 20.60 | 16.86 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

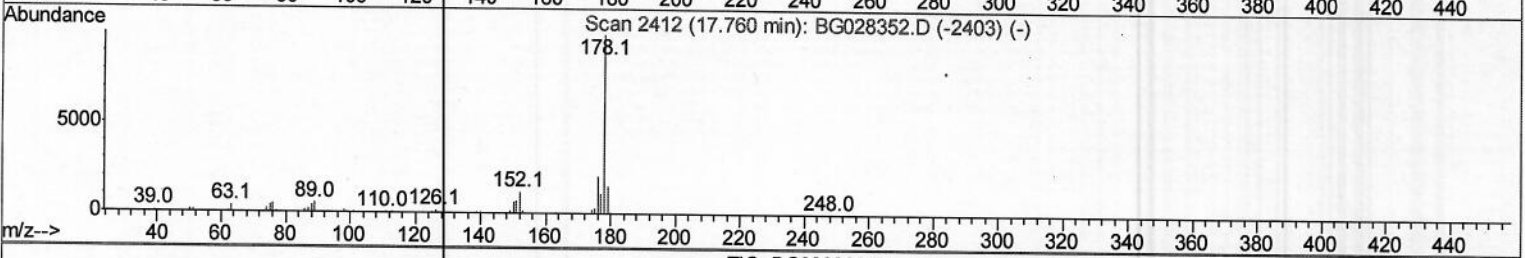
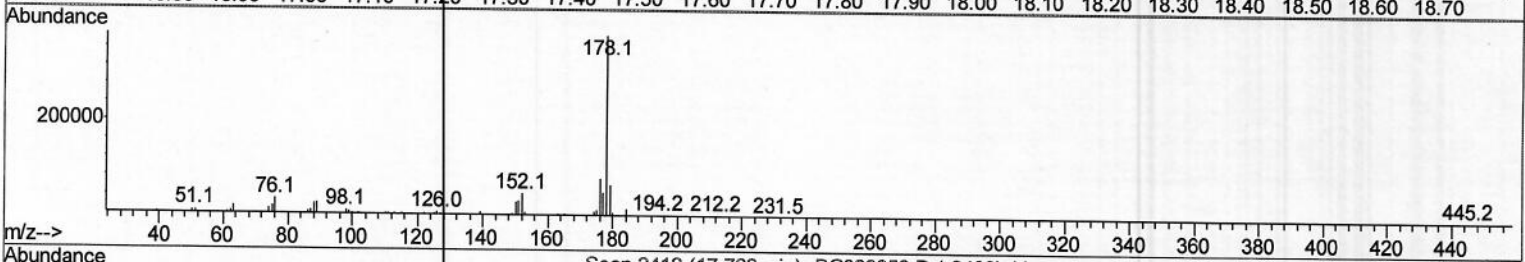
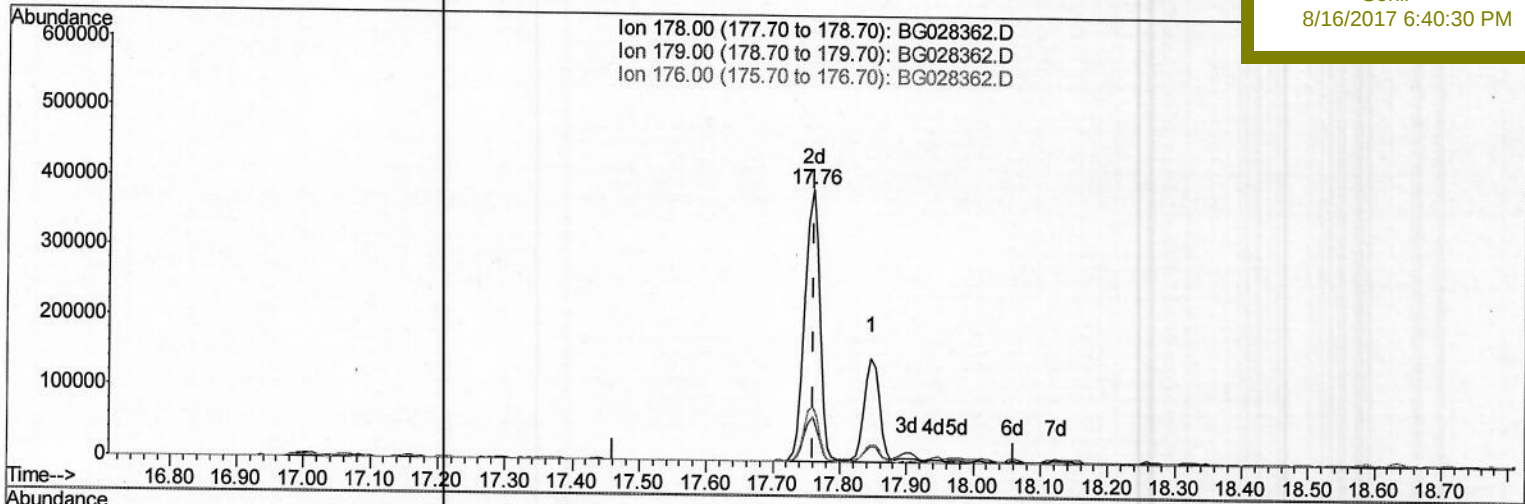
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:00:25 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 Client Sample Id :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(69) Phenanthrene  
 17.759min (-0.001) 32.82ng/ul m  
 response 607257

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.50 | 16.24 |
| 176.00 | 20.60 | 19.88 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

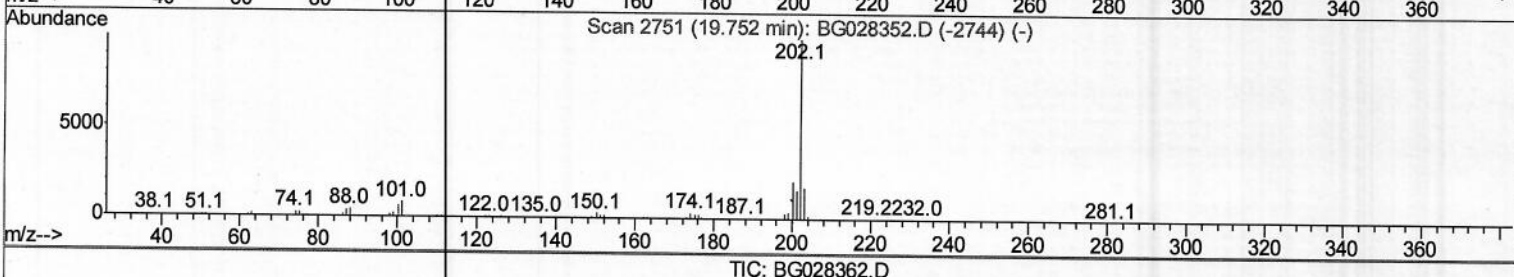
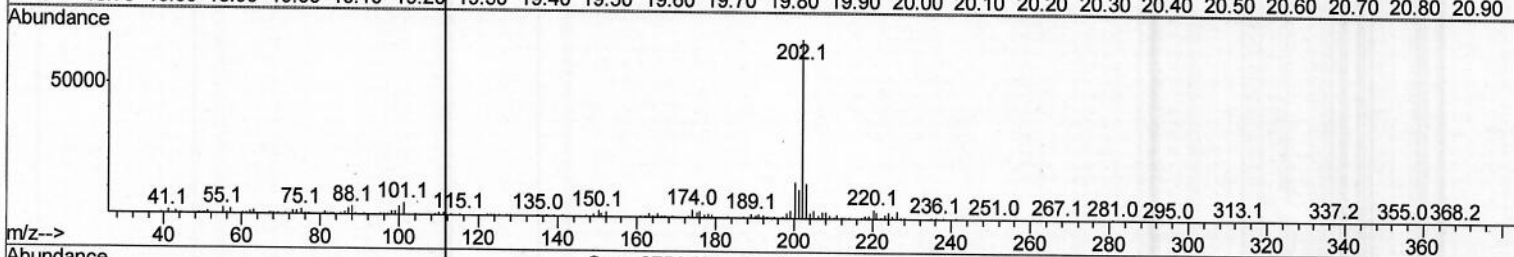
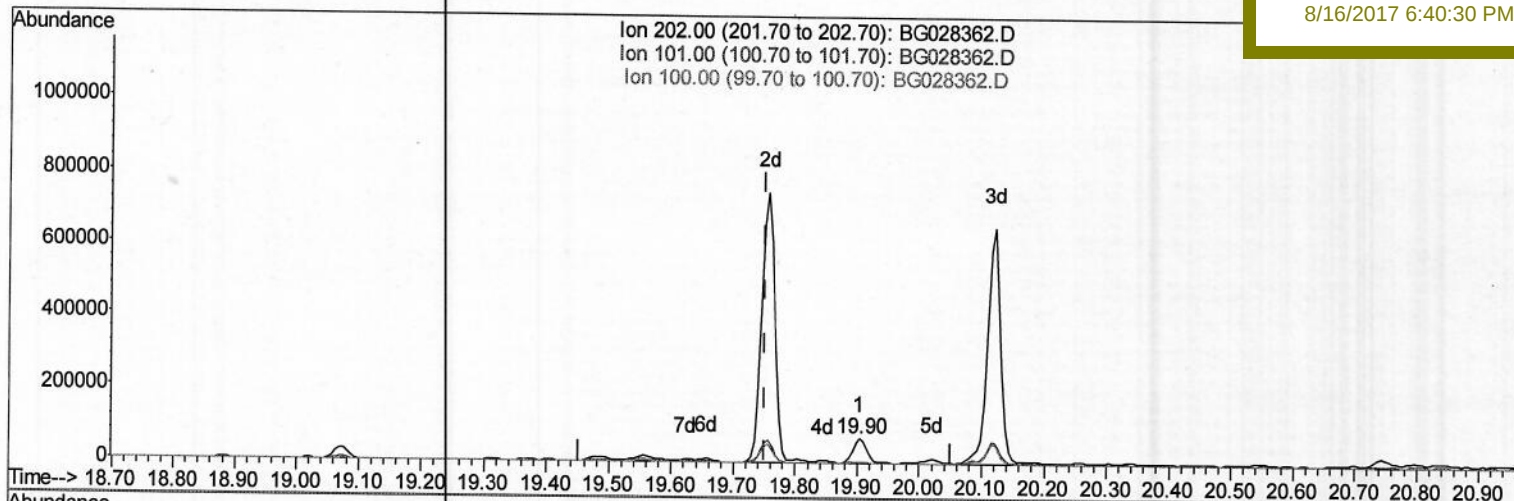
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:00:25 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 C0AH9

**Manual Integrations**  
**APPROVED**

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(74) Fluoranthene (C)

19.903min (+0.152) 4.42ng/ul

response 99435

| Ion    | Exp% | Act% |
|--------|------|------|
| 202.00 | 100  | 100  |
| 101.00 | 7.70 | 6.97 |
| 100.00 | 6.50 | 5.23 |
| 0.00   | 0.00 | 0.00 |

# Quantitation Report (Qedit)

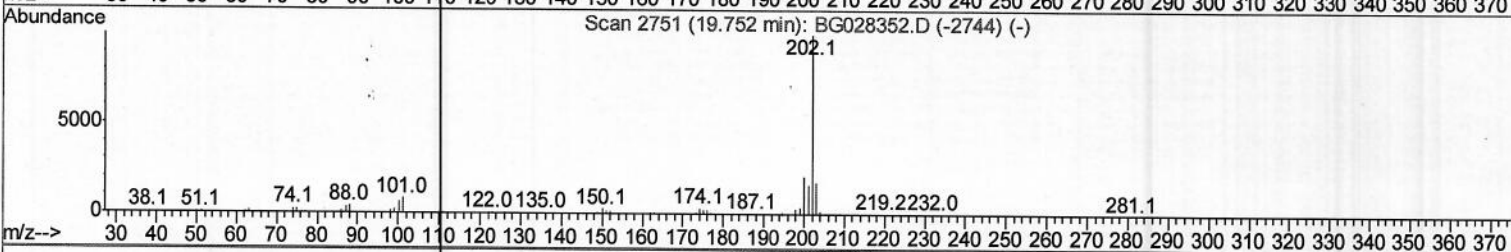
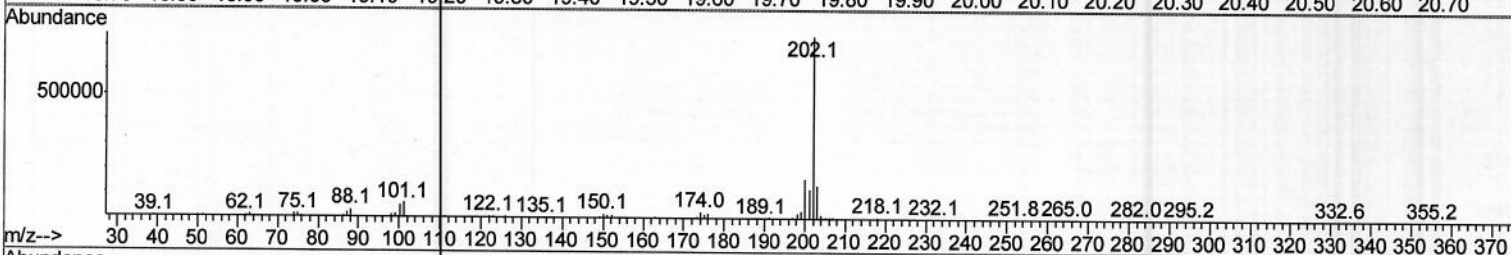
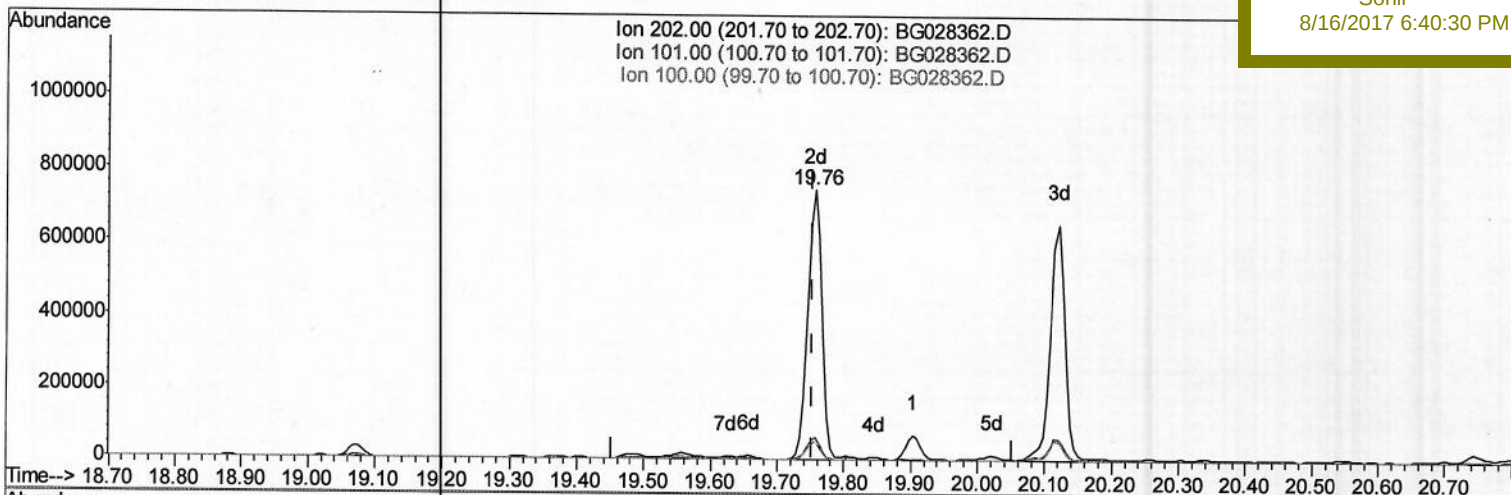
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:00:25 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(74) Fluoranthene (C)

19.756min (+0.005) 49.28ng/ul m

response 1107919

| Ion    | Exp% | Act% |
|--------|------|------|
| 202.00 | 100  | 100  |
| 101.00 | 7.70 | 8.12 |
| 100.00 | 6.50 | 6.63 |
| 0.00   | 0.00 | 0.00 |

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# Quantitation Report (Qedit)

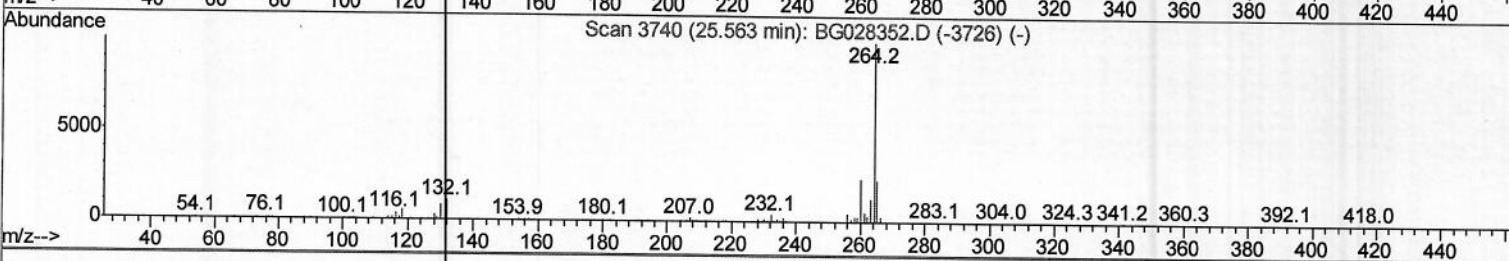
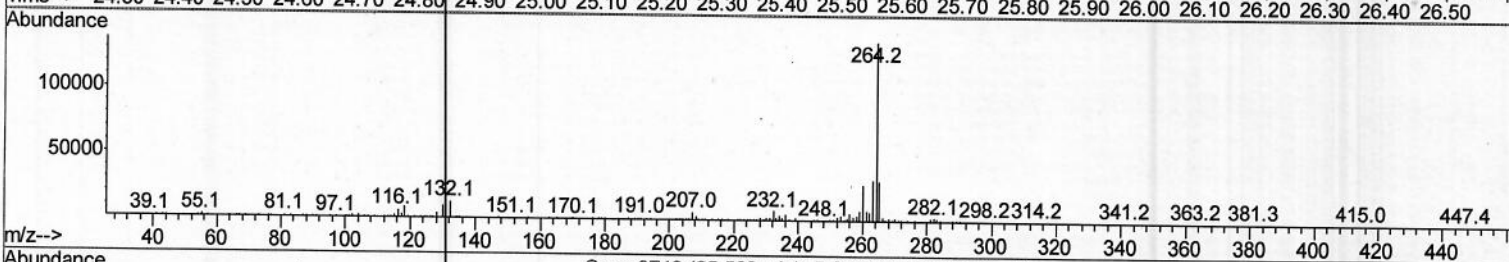
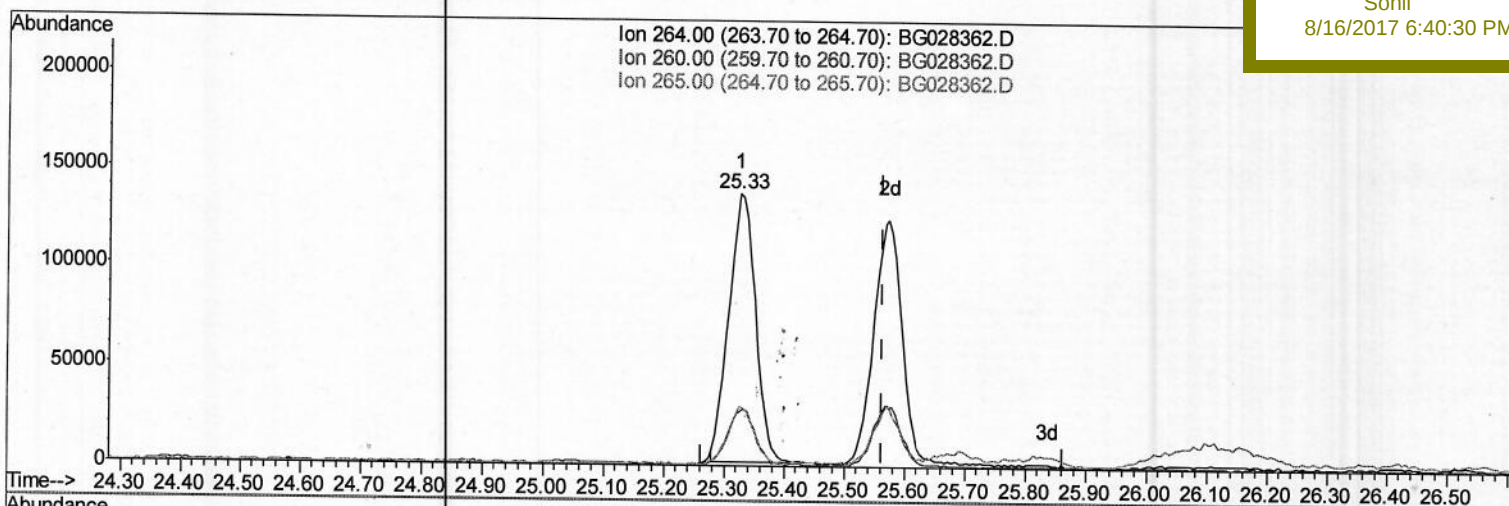
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:00:25 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



(83) Perylene-d12 (I)  
 25.326min (-0.236) 20.00ng/ul  
 response 419191

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 23.90 | 20.17 |
| 265.00 | 20.60 | 21.89 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

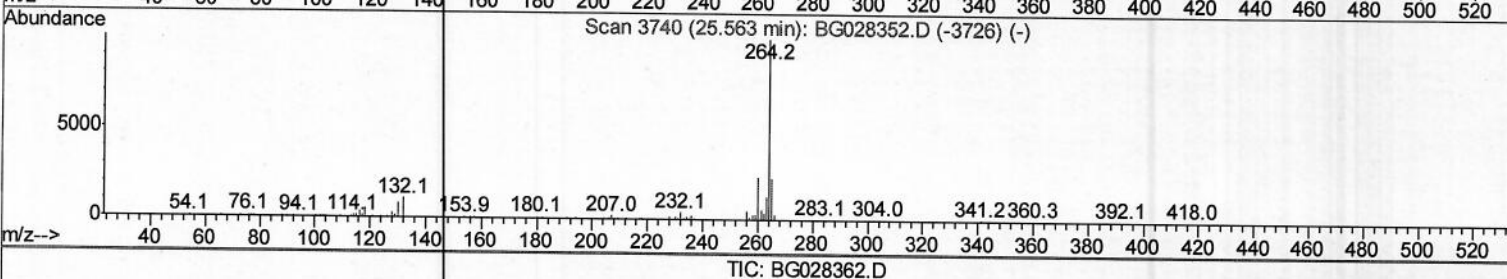
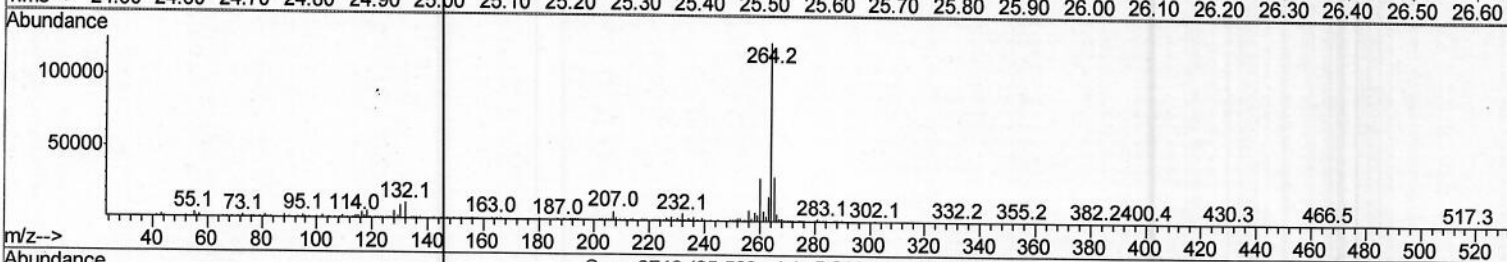
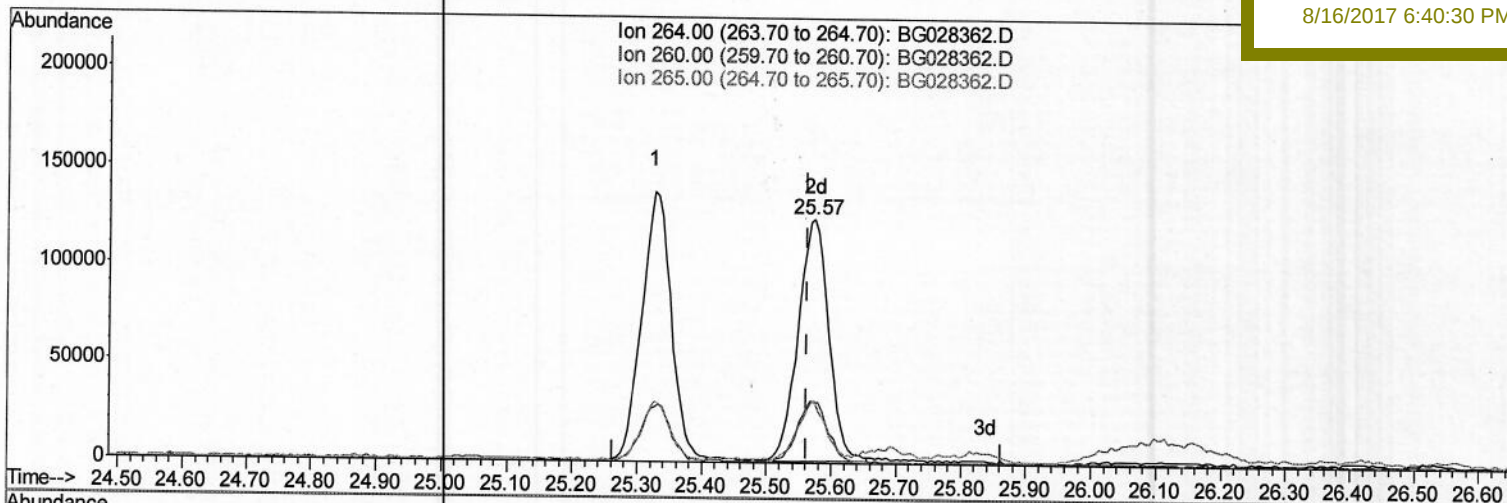
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:00:25 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_G  
**Client Sampled :**  
 C0AH9

**Manual Integrations**  
**APPROVED**

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(83) Perylene-d12 (I)

25.573min (+0.011) 20.00ng/ul m

response 406192

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 23.90 | 23.90  |
| 265.00 | 20.60 | 24.89# |
| 0.00   | 0.00  | 0.00   |

SJ 08/16/17

# Quantitation Report (Qedit)

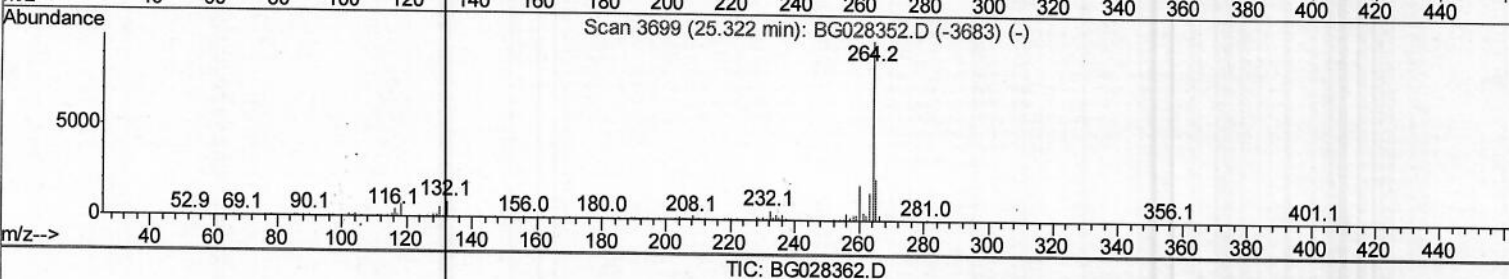
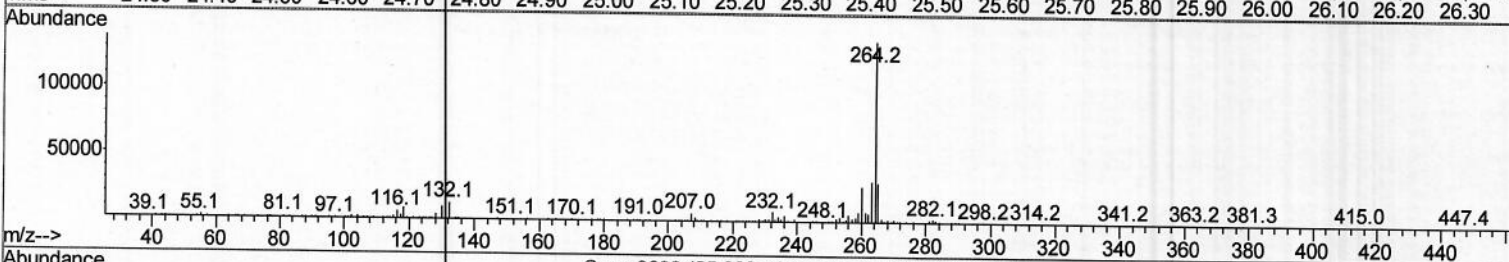
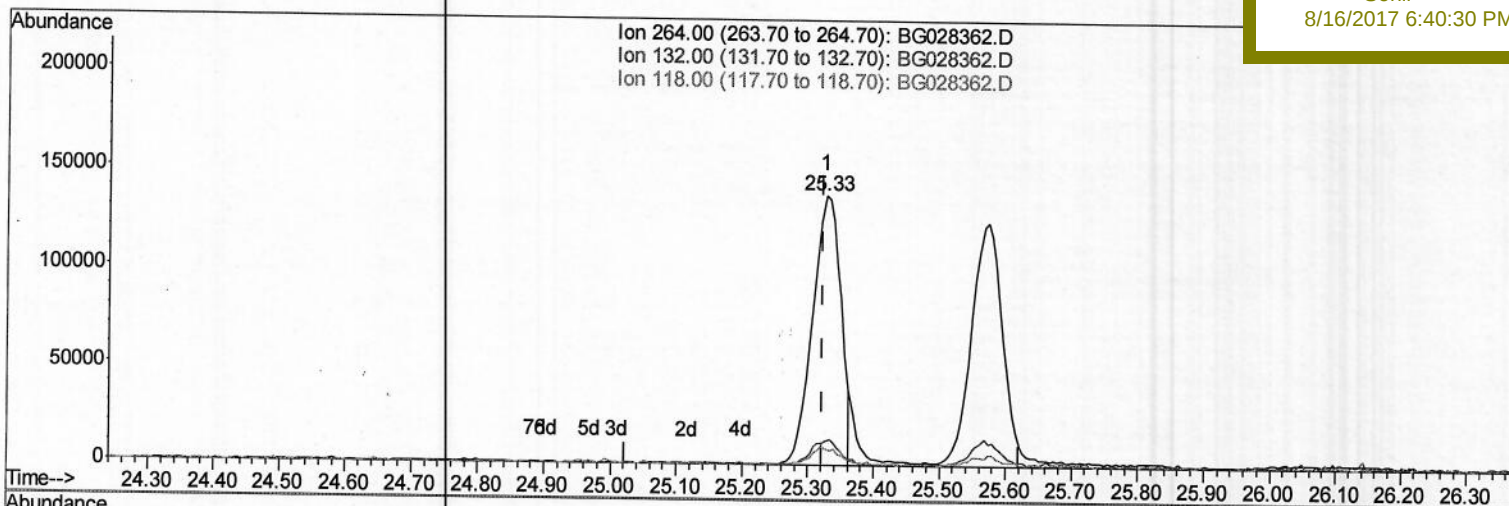
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:02:21 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(87) Benzo(a)pyrene-d12 (S)  
 25.326min (+0.005) 21.56ng/ul  
 response 410034  

| Ion    | Exp% | Act% |
|--------|------|------|
| 264.00 | 100  | 100  |
| 132.00 | 8.50 | 9.29 |
| 118.00 | 6.00 | 6.03 |
| 0.00   | 0.00 | 0.00 |

# Quantitation Report (Qedit)

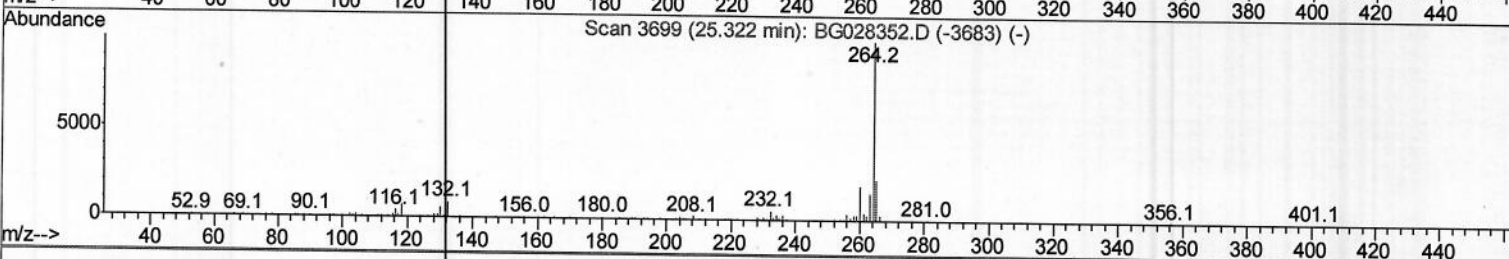
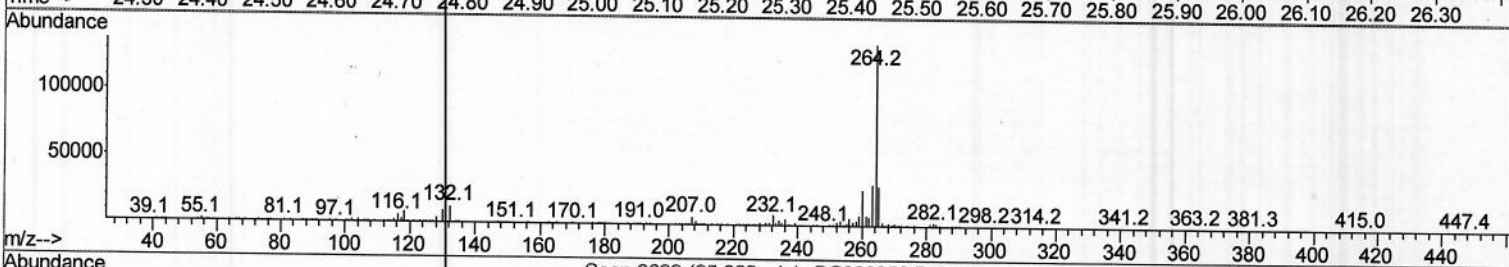
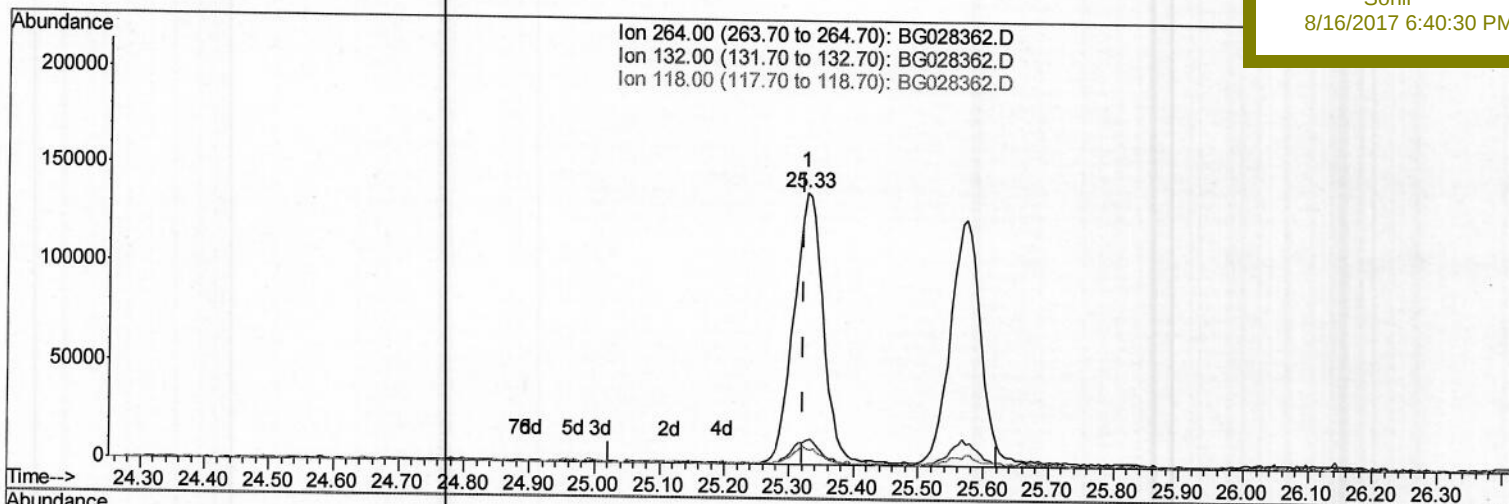
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:02:21 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(87) Benzo(a)pyrene-d12 (S)  
 25.326min (+0.005) 23.03ng/ul m  
 response 437991

| Ion    | Exp% | Act% |
|--------|------|------|
| 264.00 | 100  | 100  |
| 132.00 | 8.50 | 9.29 |
| 118.00 | 6.00 | 6.03 |
| 0.00   | 0.00 | 0.00 |

SJ 08/16/17

# Quantitation Report (Qedit)

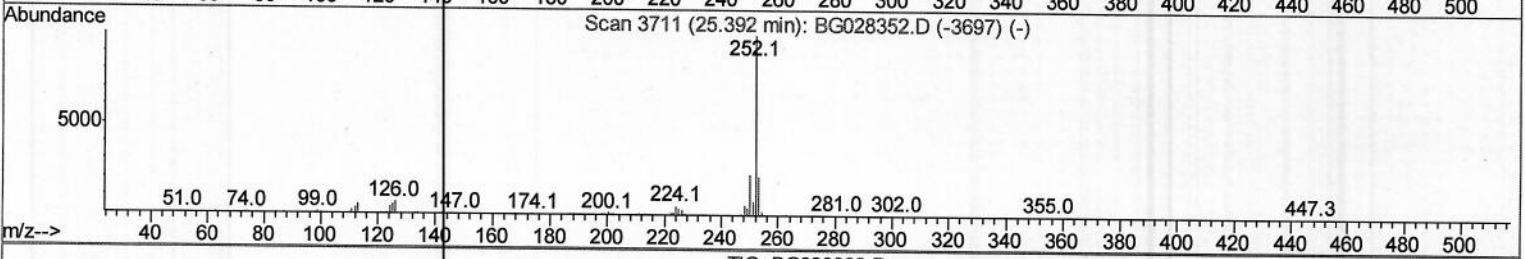
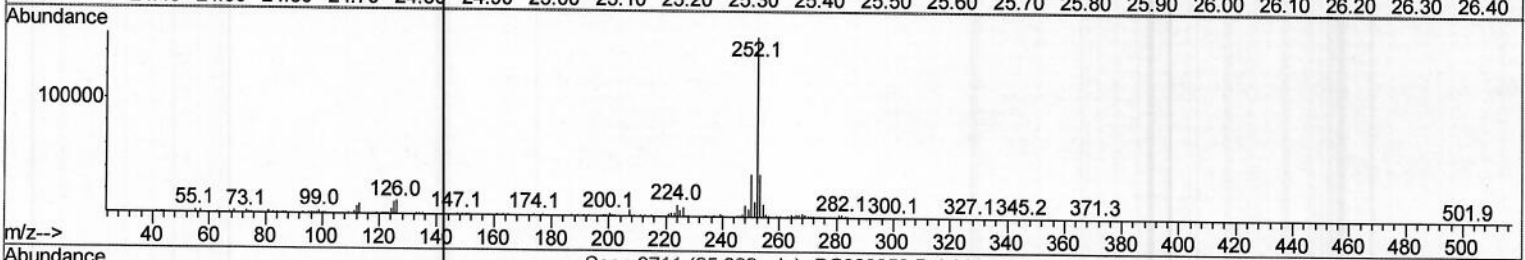
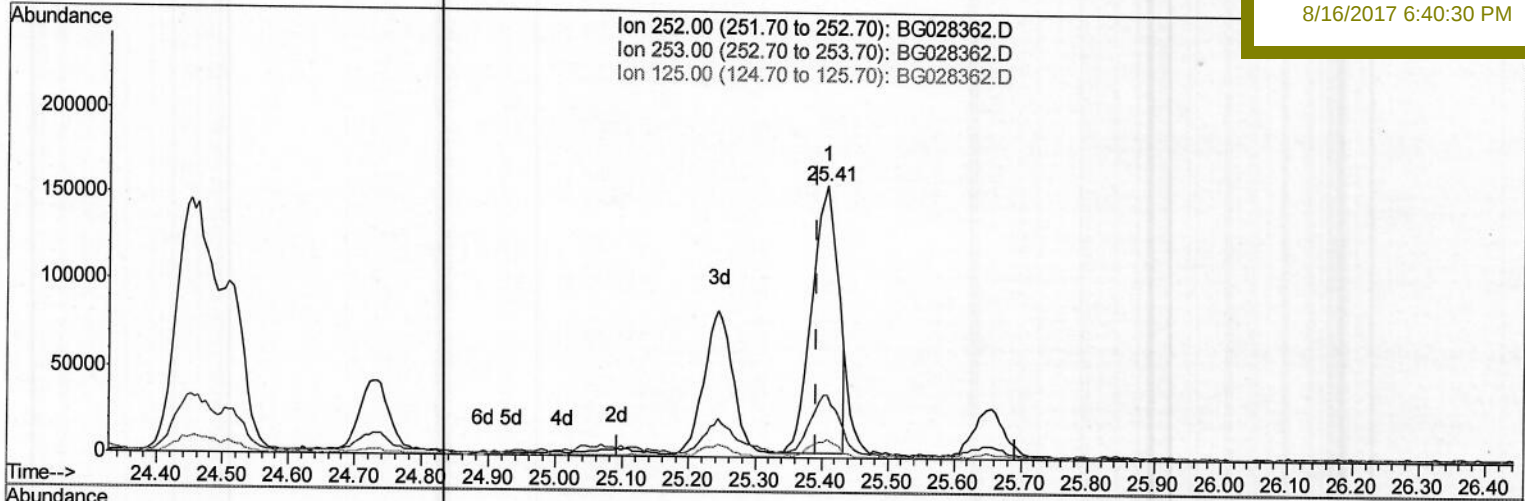
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:03:10 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(88) Benzo(a)pyrene (C)

25.409min (+0.016) 17.94ng/ul

response 422307

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.20 | 23.20 |
| 125.00 | 6.70  | 6.75  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

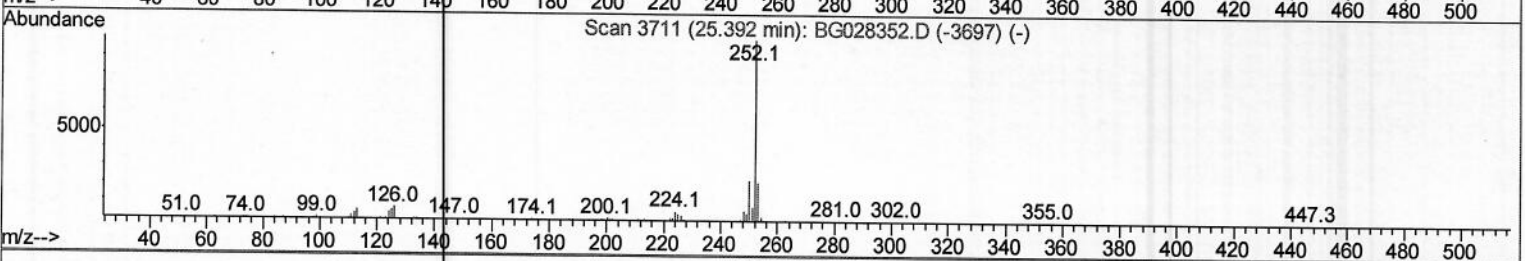
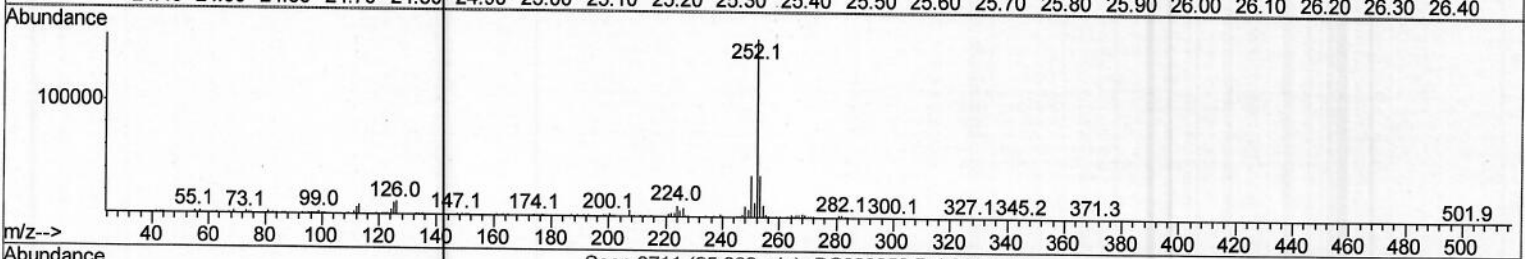
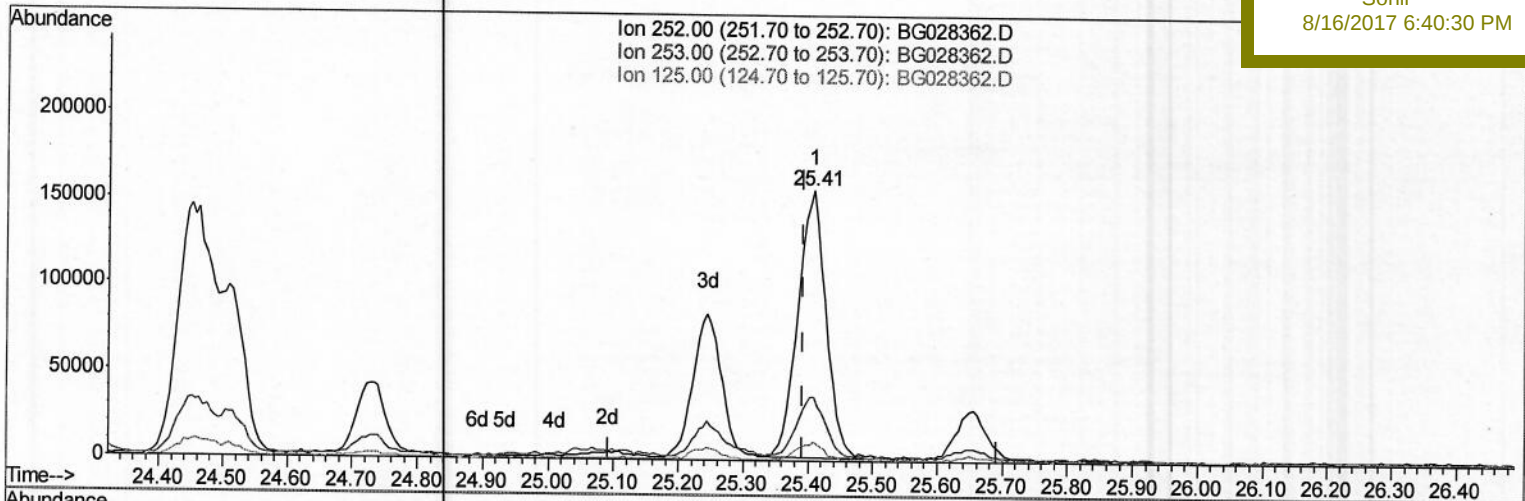
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:03:10 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:30 PM



TIC: BG028362.D

(88) Benzo(a)pyrene (C)

25.409min (+0.016) 19.64ng/ul m

response 462319

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.20 | 23.20 |
| 125.00 | 6.70  | 6.75  |
| 0.00   | 0.00  | 0.00  |

SJ 08/16/17

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:03:10 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

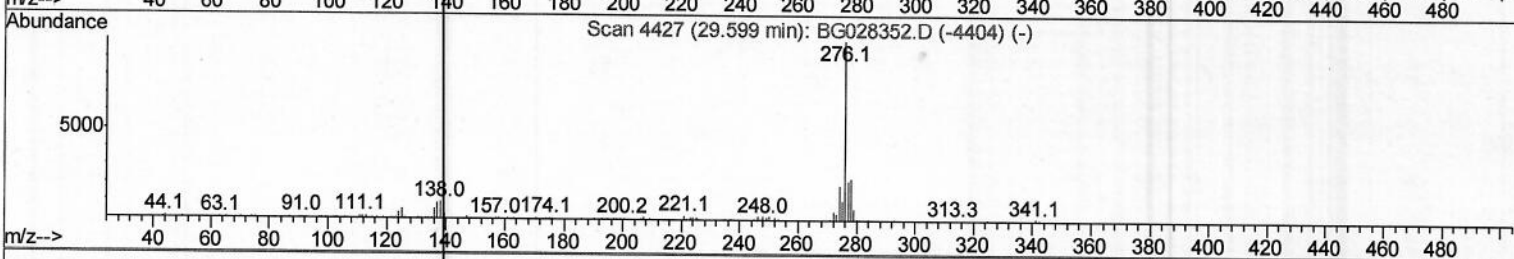
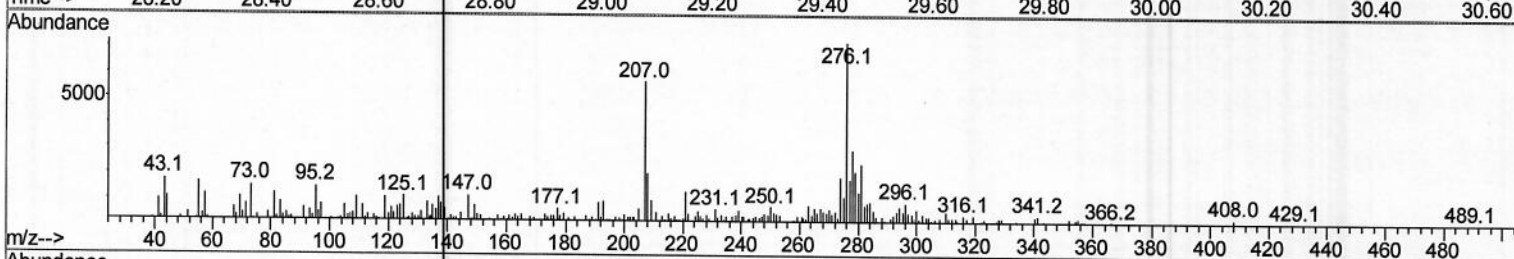
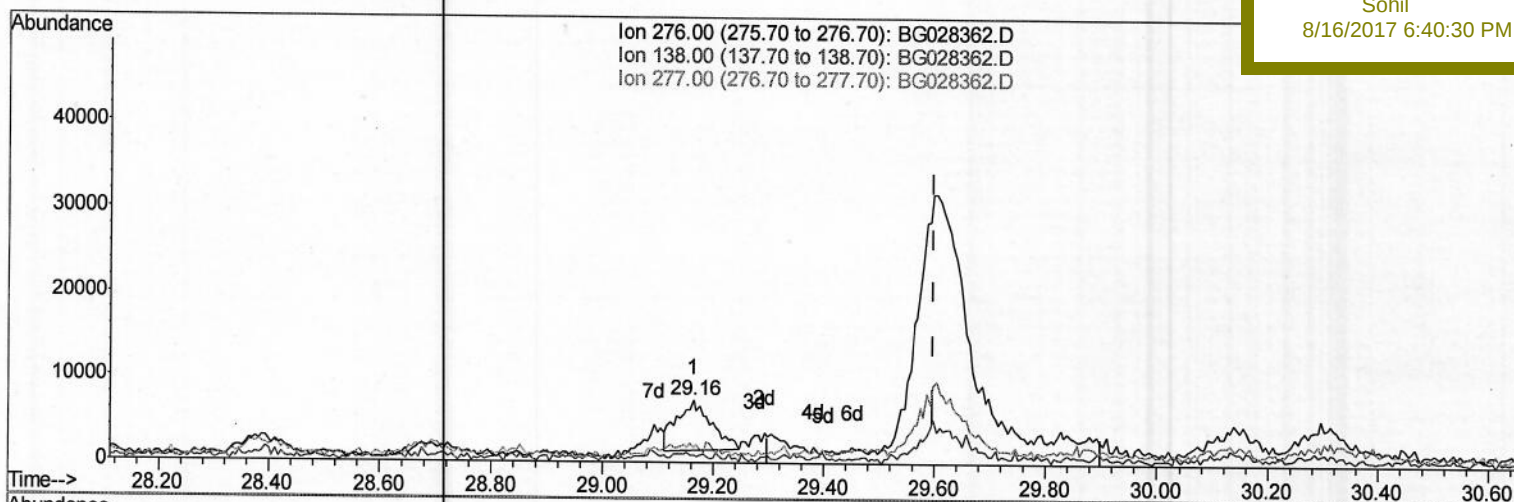
C0AH9

Manual Integrations

APPROVED

Sohil

8/16/2017 6:40:30 PM



TIC: BG028362.D

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

29.163min (-0.436) 0.90ng/ul

response 24880

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 10.30 | 11.47 |
| 277.00 | 23.30 | 24.87 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:03:10 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleID :

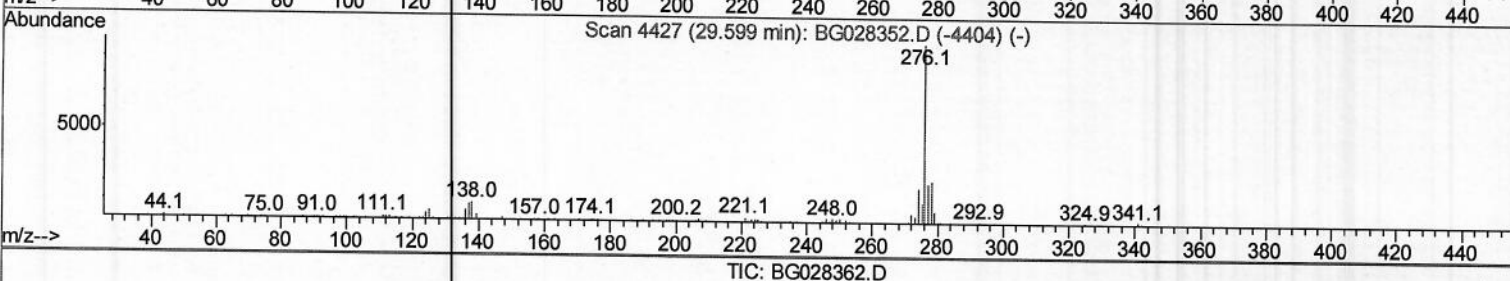
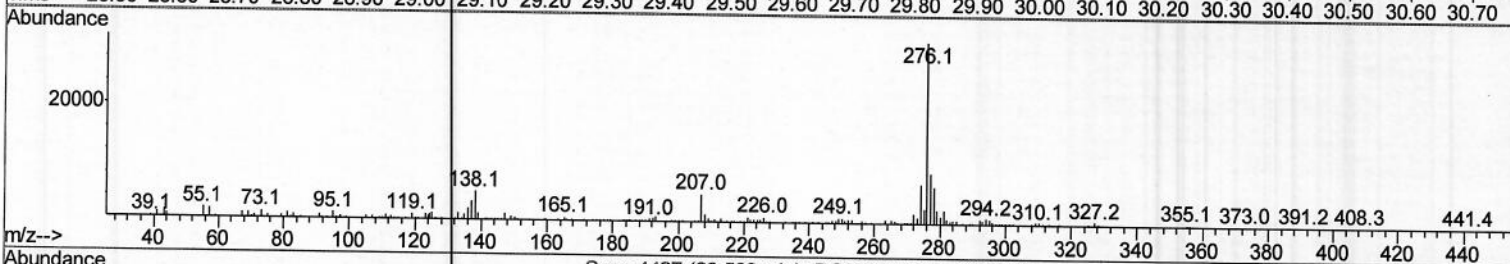
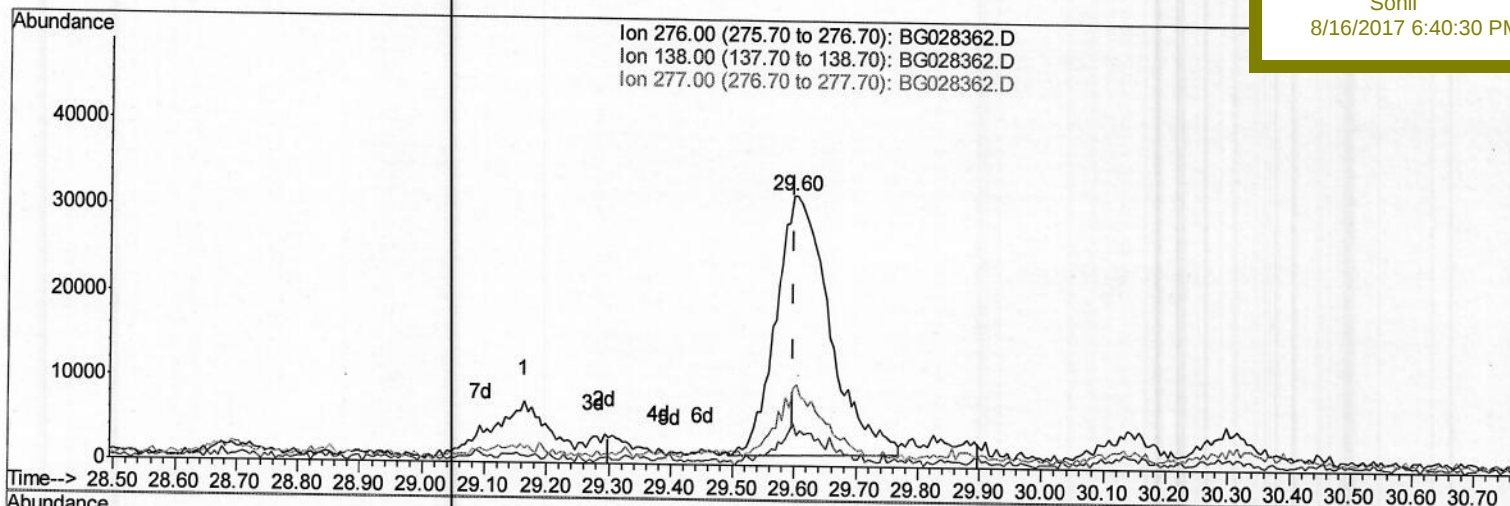
C0AH9

Manual Integrations

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(89) Indeno(1,2,3-cd)pyrene  
 29.598min (-0.001) 6.74ng/ul m  
 response 185721

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.30 | 15.93# |
| 277.00 | 23.30 | 28.48# |
| 0.00   | 0.00  | 0.00   |

SJ 08/16/17

# Quantitation Report (Qedit)

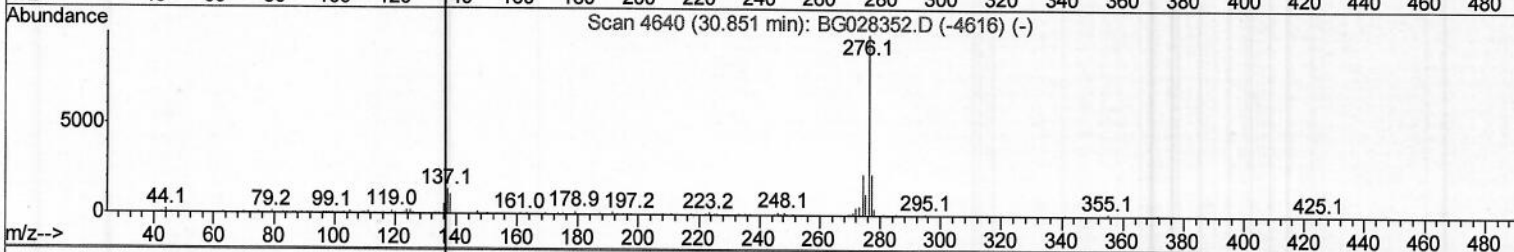
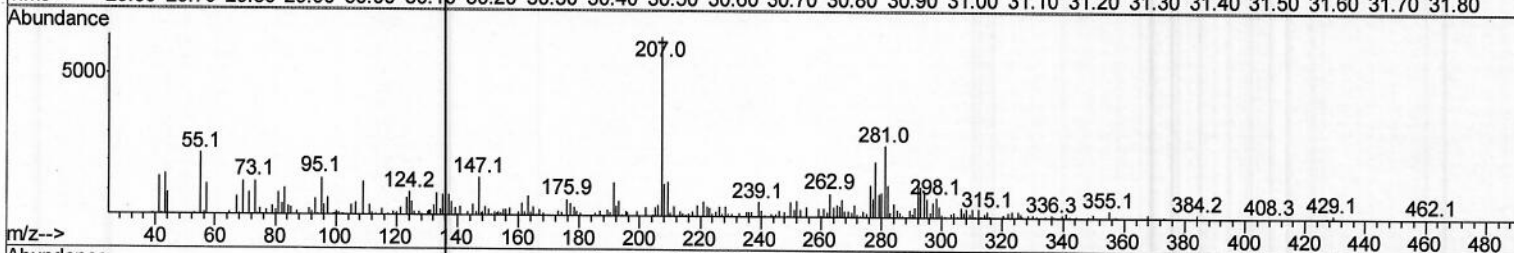
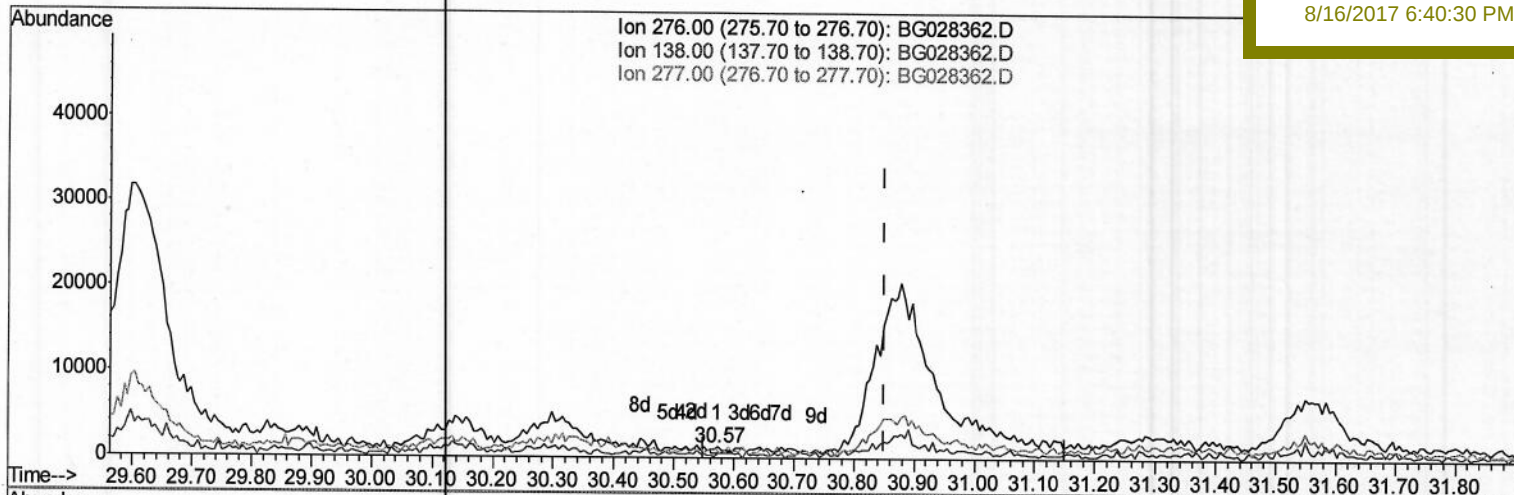
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:03:10 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

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 8/16/2017 6:40:30 PM



TIC: BG028362.D

(91) Benzo(g,h,i)perylene  
 30.573min (-0.277) 0.03ng/ul  
 response 697

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.70 | 48.04# |
| 277.00 | 22.00 | 62.59# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

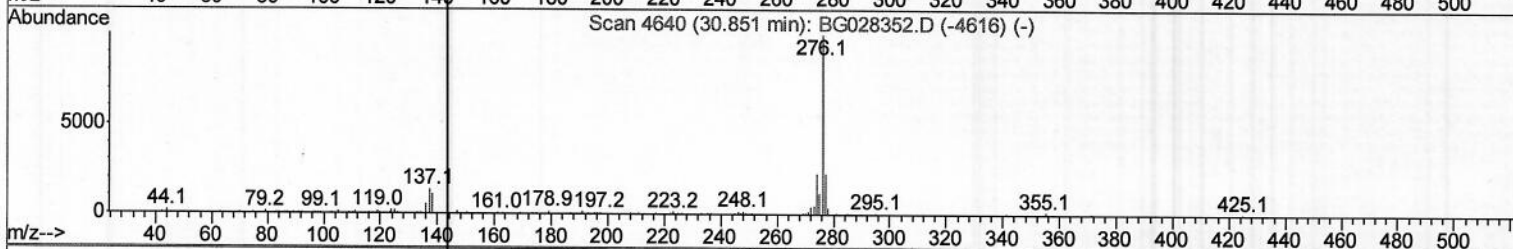
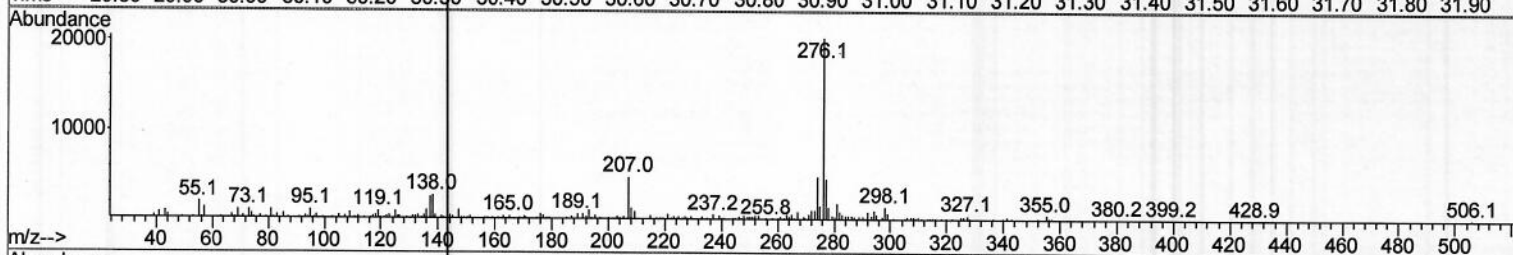
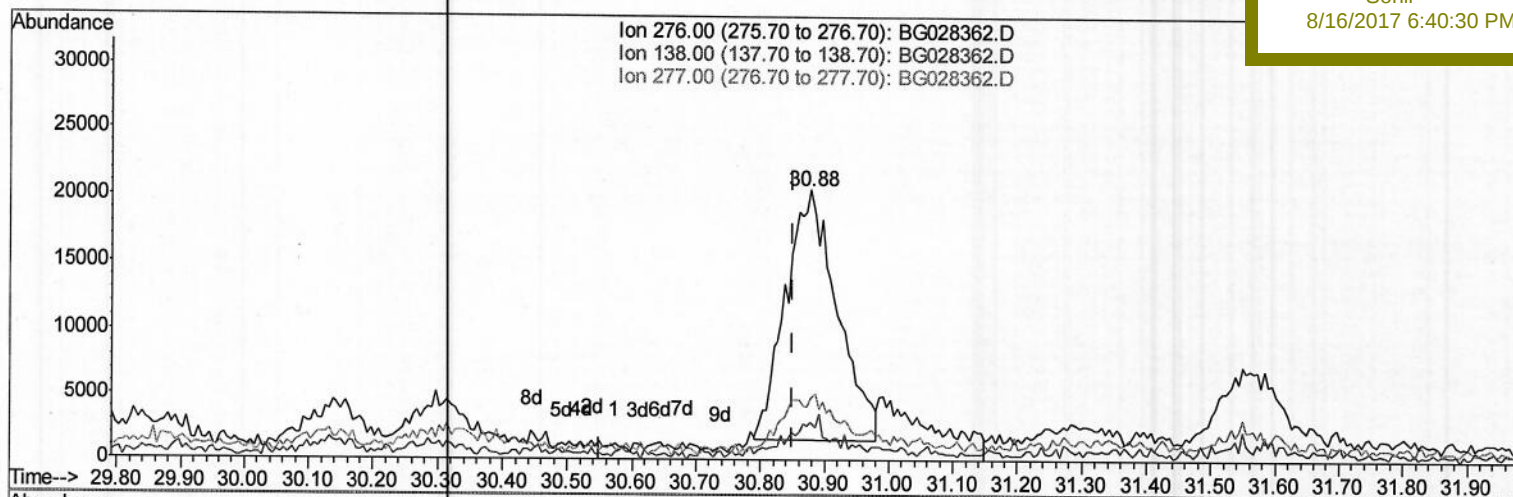
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 05:03:10 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

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TIC: BG028362.D

(91) Benzo(g,h,i)perylene  
 30.879min (+0.028) 4.69ng/ul m  
 response 106447

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.70 | 13.90# |
| 277.00 | 22.00 | 23.03  |
| 0.00   | 0.00  | 0.00   |

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## Quantitation Report (Qedit)

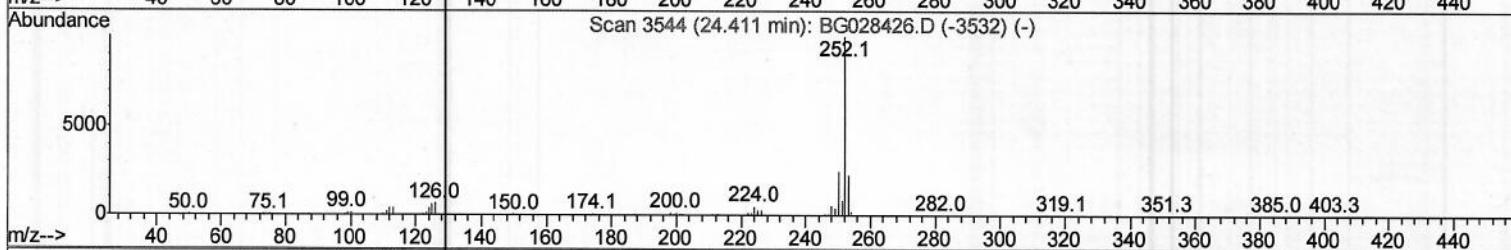
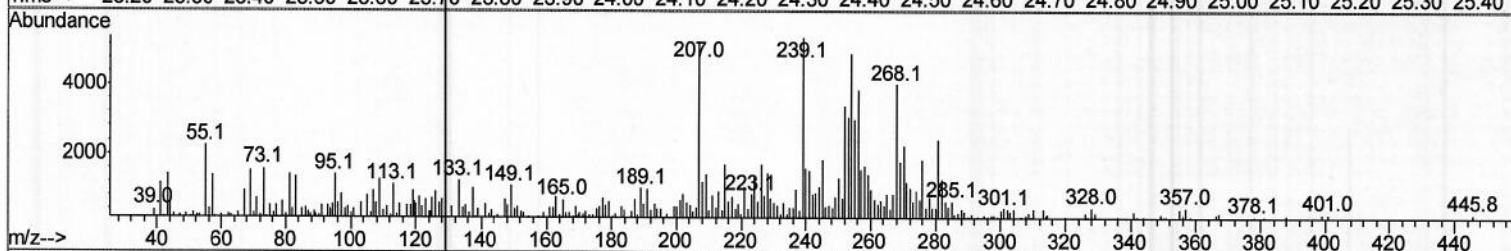
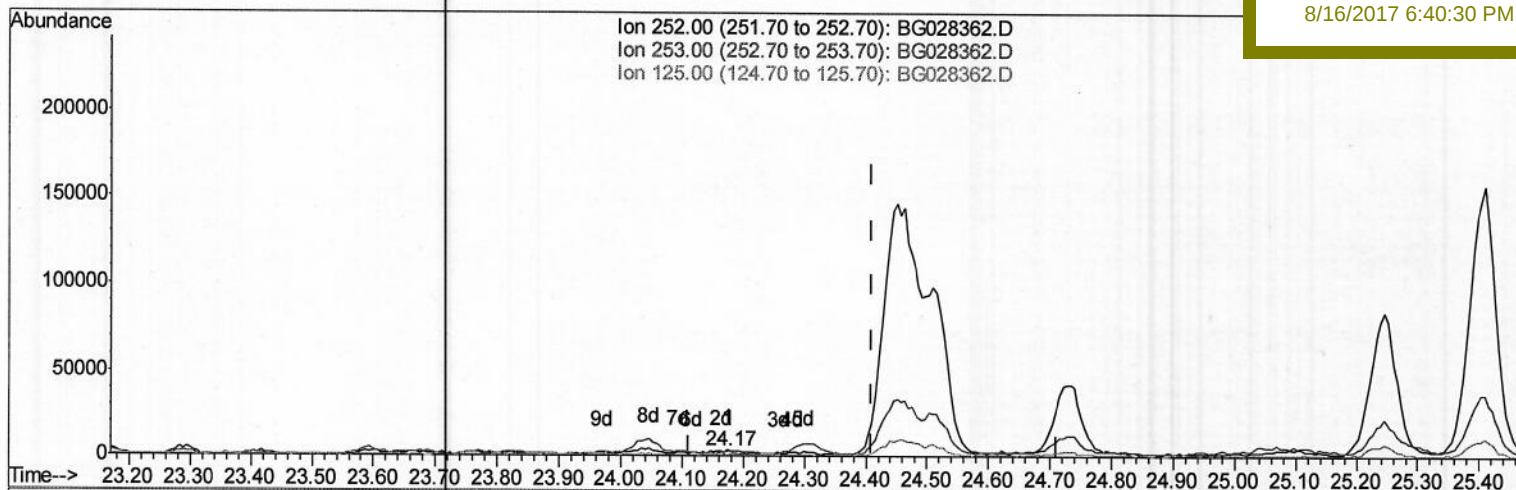
Data Path : U:\HPCHEM1\BNA G\Data\BG081517\  
Data File : BG028362.D  
Acq On : 16 Aug 2017 3:17  
Operator : SJ/JU  
Sample : I4672-09  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 23 16:15:36 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Aug 23 07:06:03 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampled :  
C0AH9

Manual Integrations  
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8/16/2017 6:40:30 PM



(85) Benzo(b)fluoranthene  
24.175min (-0.236) 0.15ng/ul  
response 3738

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.10 | 90.85# |
| 125.00 | 5.00  | 21.29# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

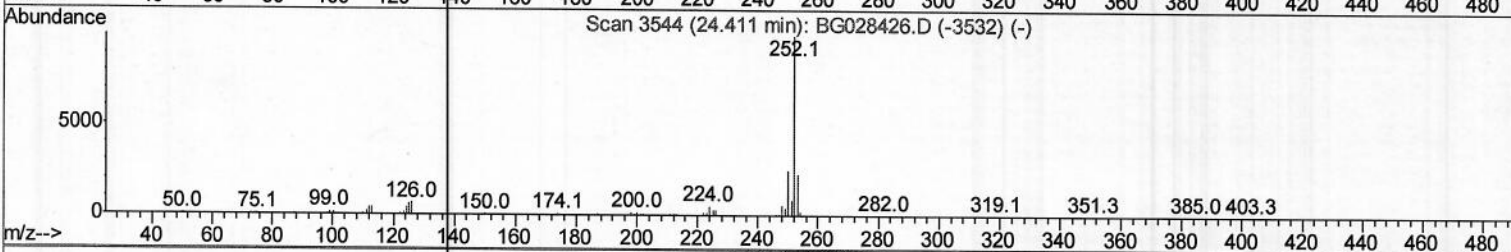
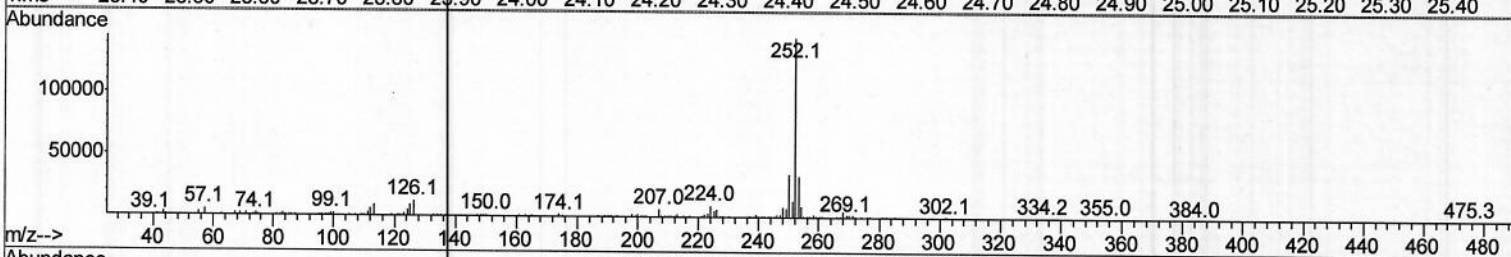
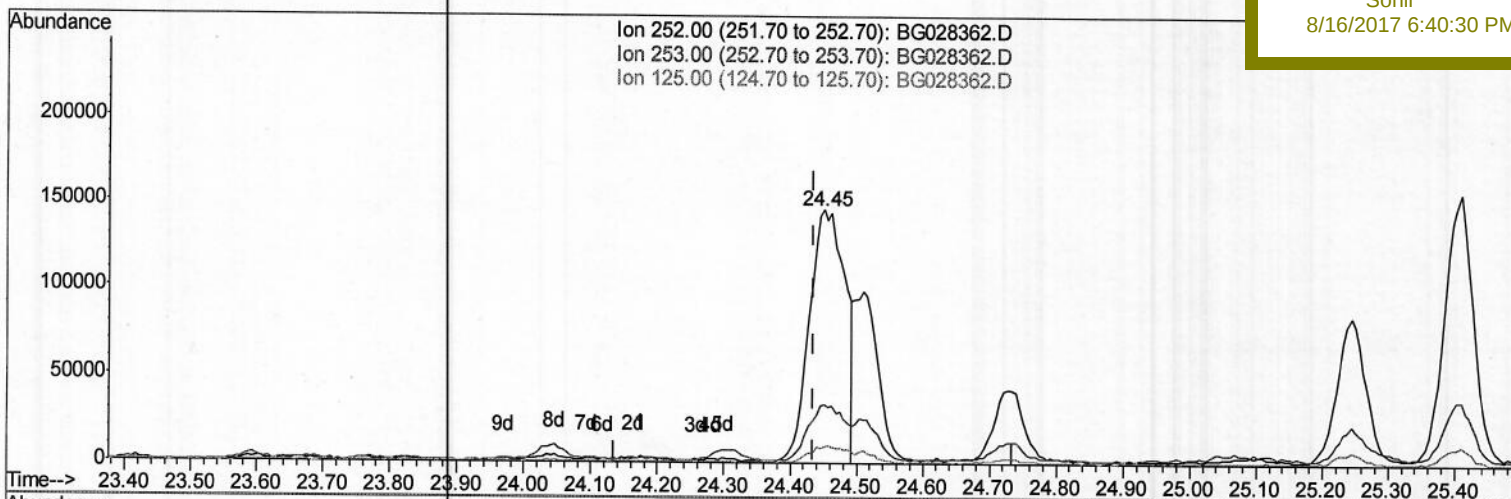
Data Path : U:\HPCHEM1\BNA G\Data\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 13:54:05 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

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 8/16/2017 6:40:30 PM



TIC: BG028362.D

(85) Benzo(b)fluoranthene

24.451min (+0.016) 22.53ng/ul m

response 547722

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 22.85 |
| 125.00 | 5.00  | 6.59# |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

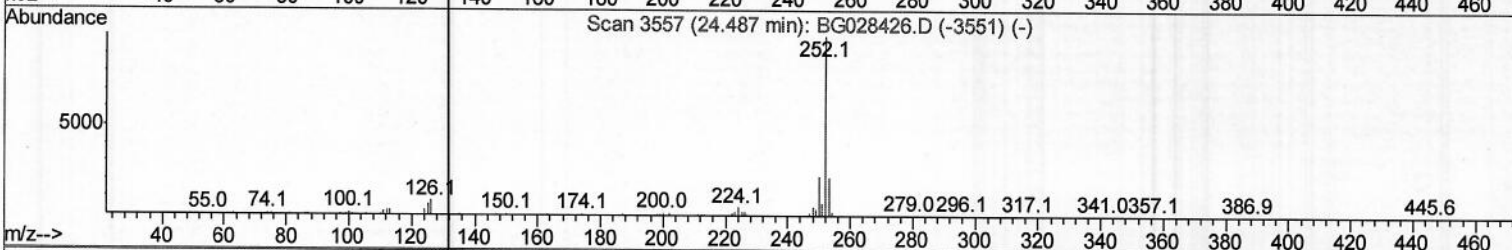
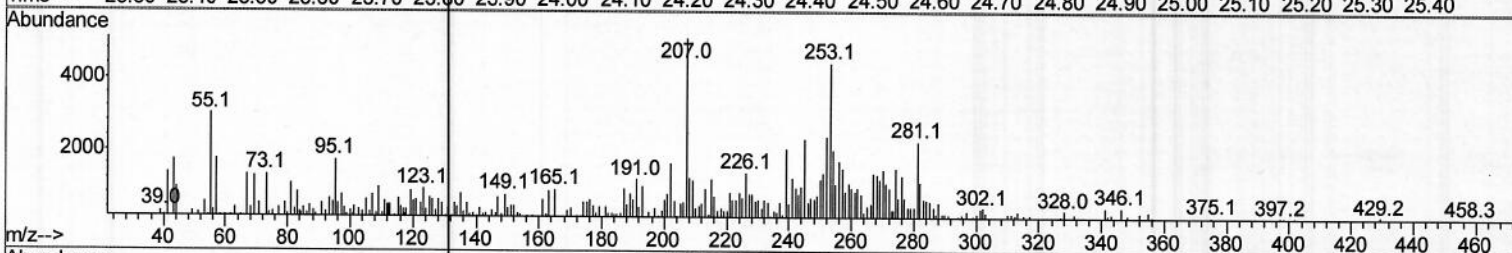
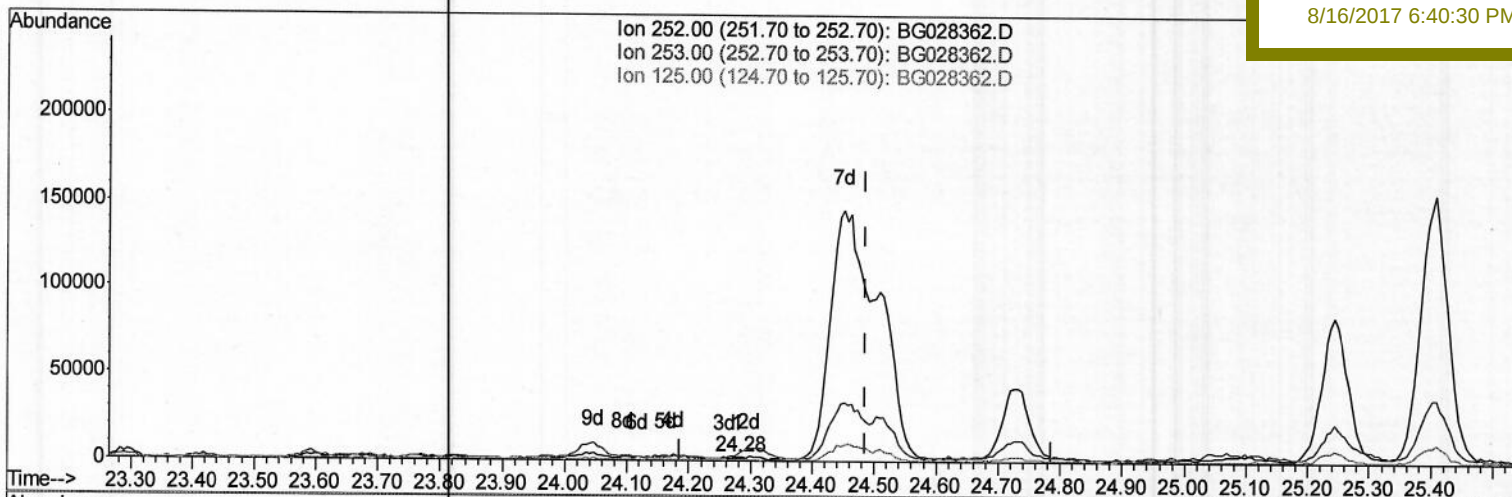
Data Path : U:\HPCHEM1\BNA G\Data\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 23 16:15:36 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 23 07:06:03 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH9

Manual Integrations  
 APPROVED

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 8/16/2017 6:40:30 PM



TIC: BG028362.D

(86) Benzo(k)fluoranthene  
 24.281min (-0.206) 0.06ng/ul  
 response 1475

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 23.10 | 184.54# |
| 125.00 | 5.10  | 29.22#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

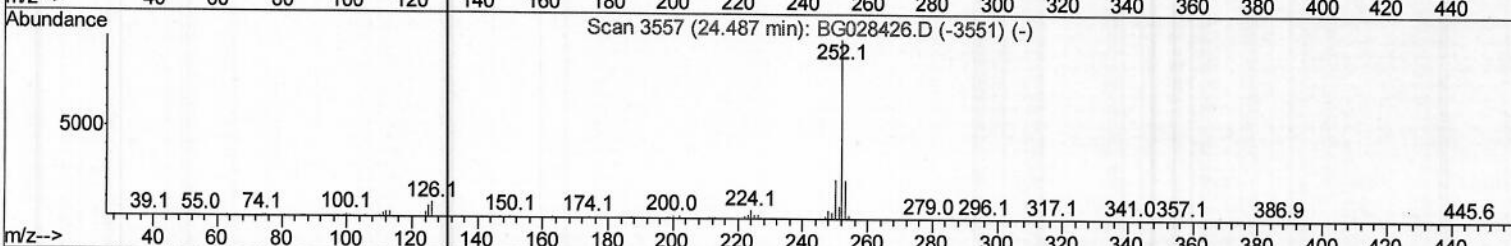
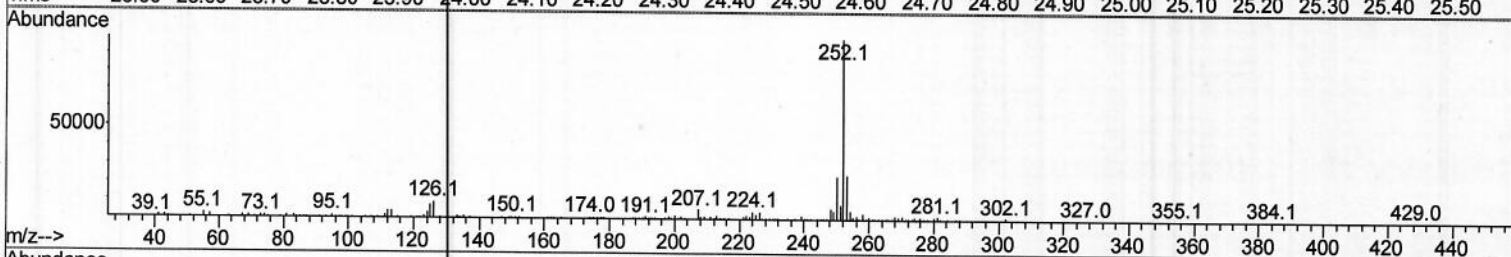
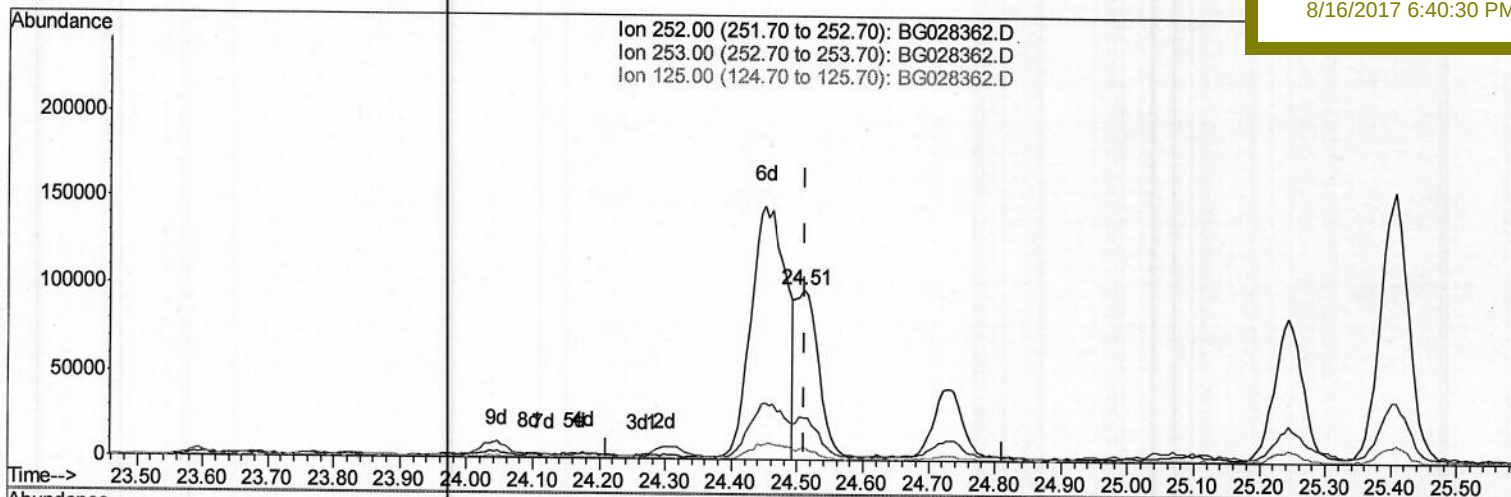
Data Path : U:\HPCHEM1\BNA G\Data\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 3:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 13:54:05 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 Client Sampled :  
 C0AH9

Manual Integrations  
 APPROVED

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 8/16/2017 6:40:30 PM



TIC: BG028362.D

(86) Benzo(k)fluoranthene  
 24.510min (-0.001) 10.26ng/ul m  
 response 243665  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 25.13 |
| 125.00 | 5.10  | 7.41# |
| 0.00   | 0.00  | 0.00  |

SJ 08/16/17

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081517\  
 Data File : BG028362.D  
 Acq On : 16 Aug 2017 8:17  
 Operator : SJ/JU  
 Sample : I4672-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 16 13:54:05 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 Client Sample ID :  
 C0AH9

Manual Integrations  
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| Internal Standards        | R.T.  | Q Ion | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|-------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152   | 51098    | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 11.18 | 136   | 230292   | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 14.96 | 164   | 164304   | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 17.71 | 188   | 367616m  | 20.00 | ng/ul | 0.00      |
| 75) Chrysene-d12          | 22.05 | 240   | 433242   | 20.00 | ng/ul | 0.00      |
| 83) Perylene-d12          | 25.57 | 264   | 406192m  | 20.00 | ng/ul | 0.01      |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.84  | 96  | 3886    | 3.54  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 113064  | 20.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.67  | 67  | 66197   | 18.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 80944   | 22.86 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.06  | 113 | 94765   | 20.20 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 41638   | 23.12 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 49330   | 24.98 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 96215   | 23.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.31 | 131 | 72555   | 15.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 315747  | 21.61 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 368107  | 22.34 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.17 | 143 | 37583   | 16.17 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.96 | 176 | 265629  | 20.26 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 47818   | 20.02 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.81 | 188 | 412309  | 23.39 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 478361  | 21.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.33 | 264 | 437991m | 23.03 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |          |        | Qvalue |    |
|--------------------------------|-------|-----|----------|--------|--------|----|
| 6) Phenol                      | 7.54  | 94  | 6572     | 1.178  | ng/ul# | 85 |
| 28) Naphthalene                | 11.23 | 128 | 16881    | 1.480  | ng/ul  | 99 |
| 44) Dimethylphthalate          | 14.40 | 163 | 102862   | 7.645  | ng/ul  | 99 |
| 47) Acenaphthylene             | 14.70 | 152 | 25093    | 1.594  | ng/ul  | 97 |
| 58) Fluorene                   | 16.01 | 166 | 21606    | 1.576  | ng/ul  | 94 |
| 69) Phenanthrene               | 17.76 | 178 | 607257m  | 32.824 | ng/ul  |    |
| 71) Anthracene                 | 17.85 | 178 | 229290   | 12.126 | ng/ul  | 96 |
| 74) Fluoranthene               | 19.76 | 202 | 1107919m | 49.277 | ng/ul  |    |
| 77) Pyrene                     | 20.12 | 202 | 997147   | 38.578 | ng/ul  | 99 |
| 80) Benzo(a)anthracene         | 22.03 | 228 | 764487   | 30.540 | ng/ul  | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.88 | 149 | 20414    | 1.482  | ng/ul# | 98 |
| 82) Chrysene                   | 22.10 | 228 | 639588   | 28.370 | ng/ul  | 96 |
| 85) Benzo(b)fluoranthene       | 24.45 | 252 | 547722m  | 22.534 | ng/ul  |    |
| 86) Benzo(k)fluoranthene       | 24.51 | 252 | 243665m  | 10.263 | ng/ul  |    |
| 88) Benzo(a)pyrene             | 25.41 | 252 | 462319m  | 19.644 | ng/ul  |    |
| 89) Indeno(1,2,3-cd)pyrene     | 29.60 | 276 | 185721m  | 6.739  | ng/ul  |    |
| 91) Benzo(g,h,i)perylene       | 30.88 | 276 | 106447m  | 4.695  | ng/ul  |    |

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