

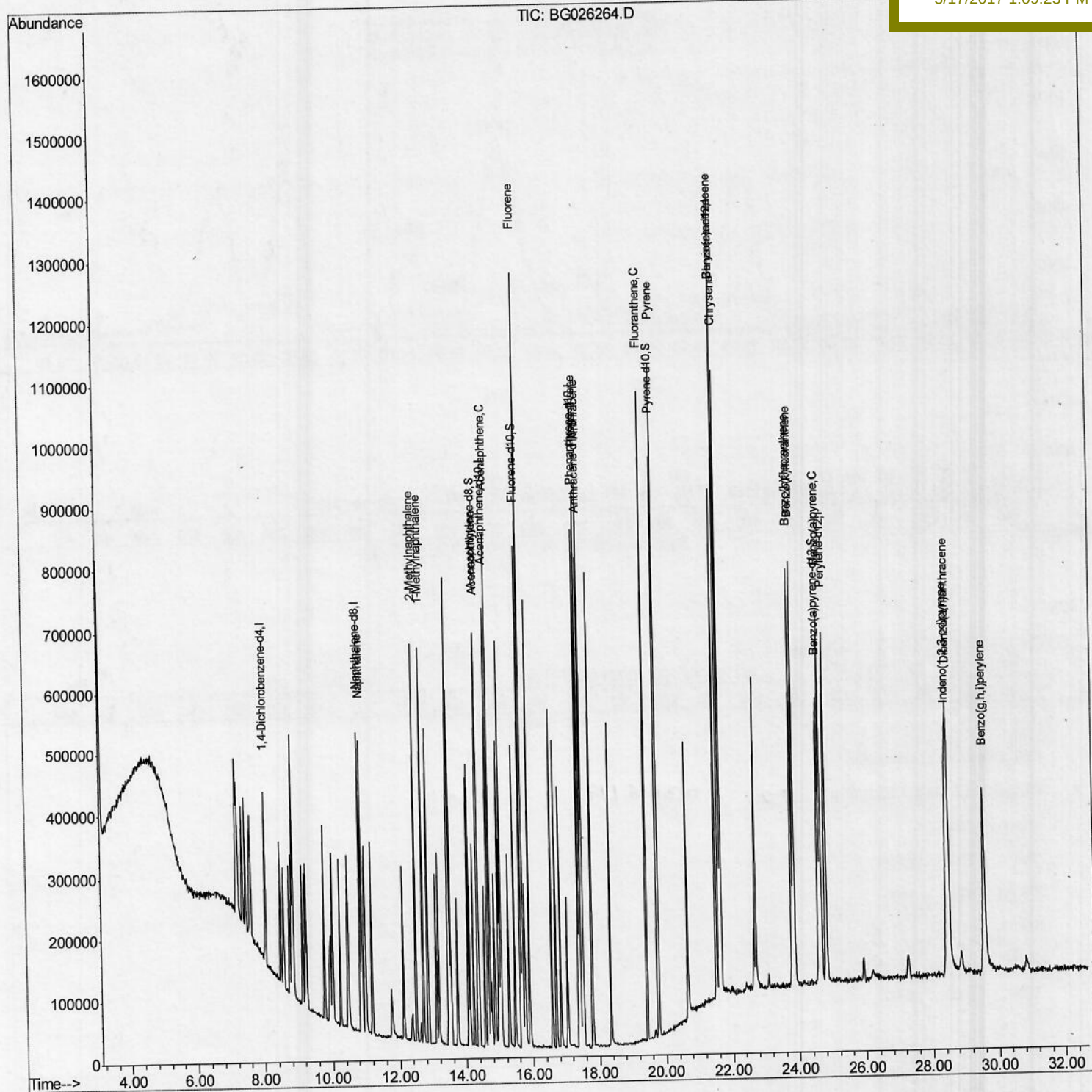
Data Path : Z:\HPCHEM1\BNA G\Data\BG031517\  
Data File : BG026264.D  
Acq On : 16 Mar 2017 11:23  
Operator : SJ/MA  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 16 13:09:07 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 16 04:25:12 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02028

Manual Integrations  
APPROVED

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# Quantitation Report (Qedit)

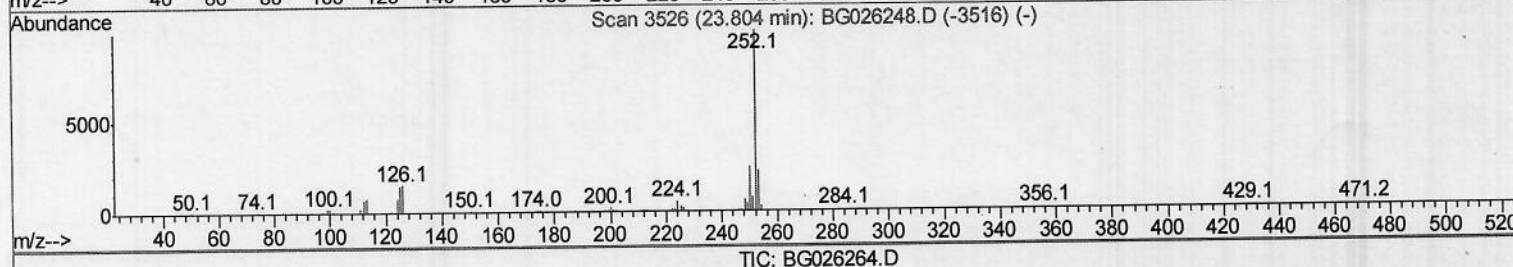
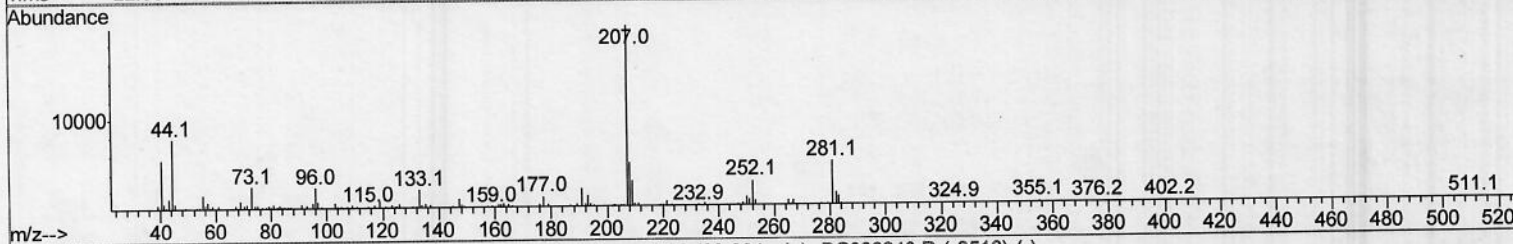
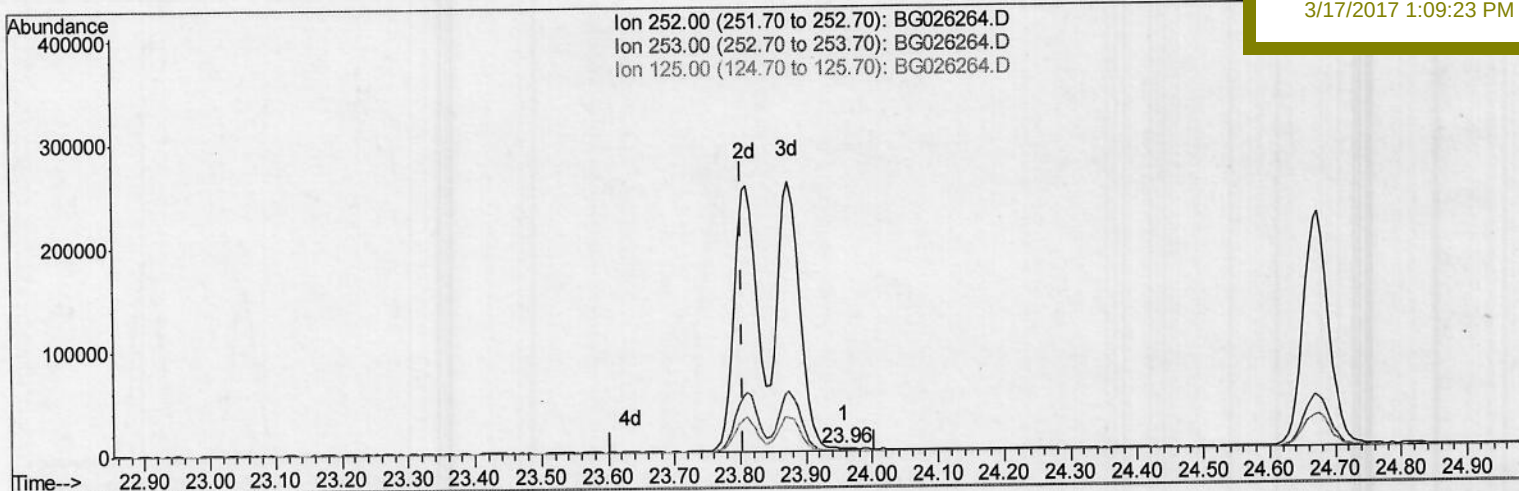
Data Path : Z:\HPCHEM1\BNA G\Data\BG031517\  
 Data File : BG026264.D  
 Acq On : 16 Mar 2017 11:23  
 Operator : SJ/MA  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 16 13:06:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 16 04:25:12 2017  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_G  
**LabSampleId :**  
 SSTD02028

**Manual Integrations**  
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(23) Benzo(b)fluoranthene

23.957min (+0.153) 0.04ng/ul

response 1096

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.50 | 21.93 |
| 125.00 | 10.00 | 9.81  |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

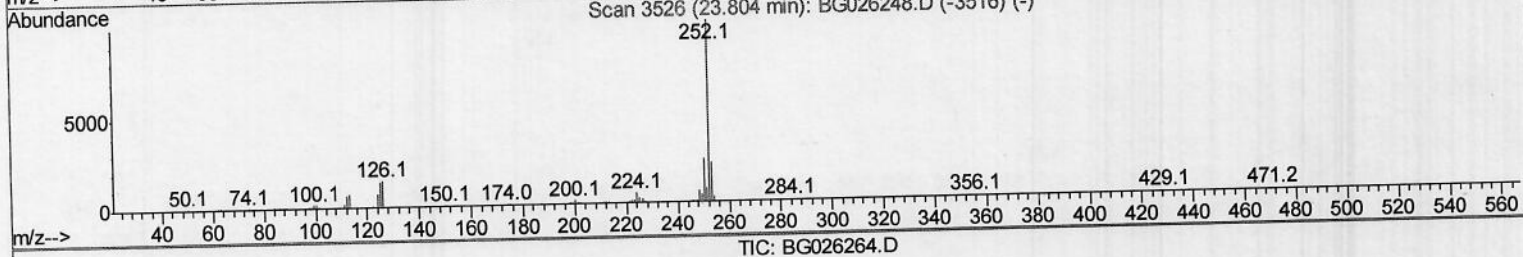
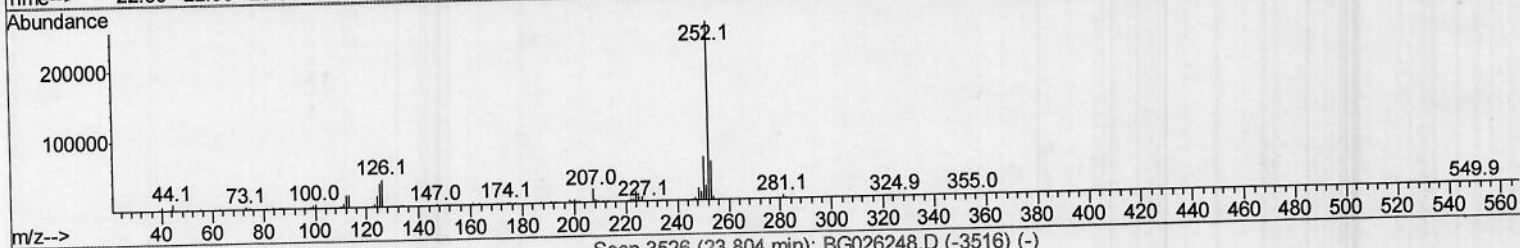
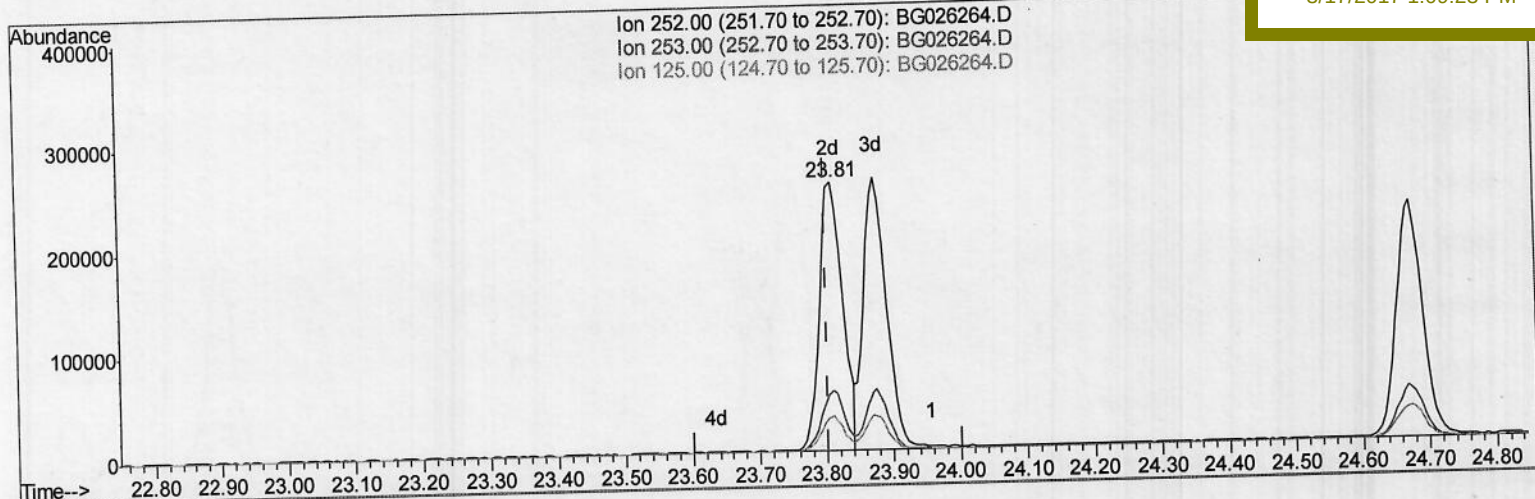
Data Path : Z:\HPCHEM1\BNA G\Data\BG031517\  
 Data File : BG026264.D  
 Acq On : 16 Mar 2017 11:23  
 Operator : SJ/MA  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 16 13:06:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 16 04:25:12 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02028

Manual Integrations  
 APPROVED

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(23) Benzo(b)fluoranthene

23.811min (+0.007) 20.38ng/ul m

response 616342

Ion Exp% Act%

252.00 100 100

253.00 22.50 21.87

125.00 10.00 12.77#

0.00 0.00 0.00

35  
 03/18/2017

# Quantitation Report (Qedit)

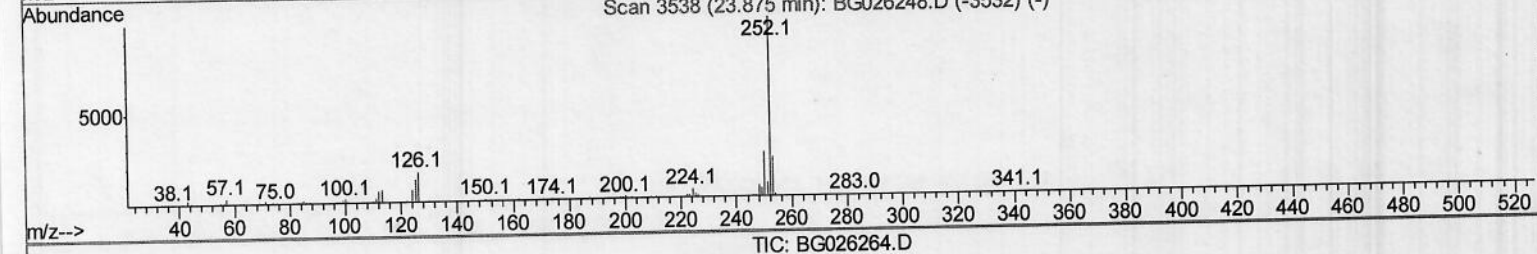
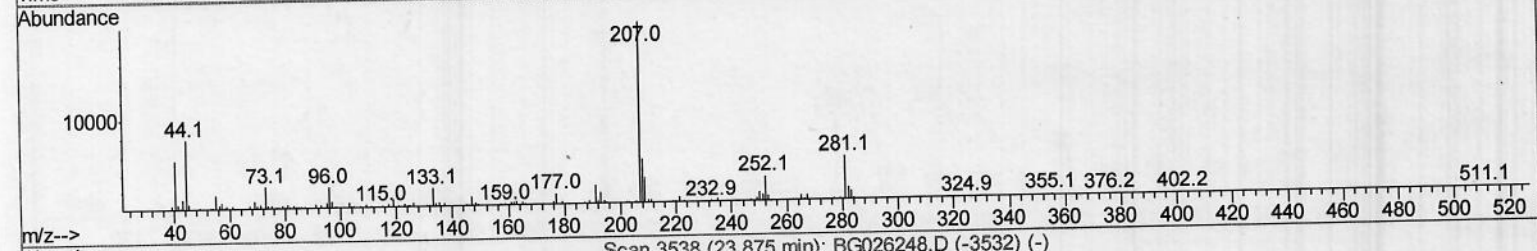
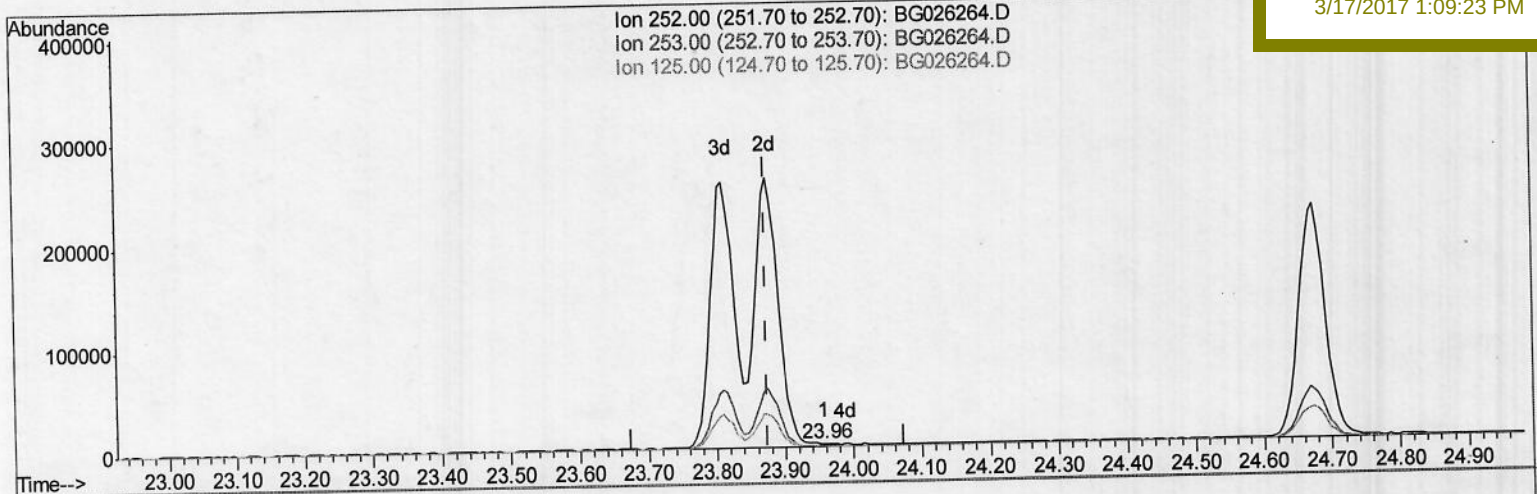
Data Path : Z:\HPCHEM1\BNA G\Data\BG031517\  
 Data File : BG026264.D  
 Acq On : 16 Mar 2017 11:23  
 Operator : SJ/MA  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 16 13:06:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 16 04:25:12 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02028

Manual Integrations  
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TIC: BG026264.D

(24) Benzo(k)fluoranthene

23.957min (+0.083) 0.07ng/ul

response 2157

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.50 | 21.93 |
| 125.00 | 10.10 | 9.81  |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

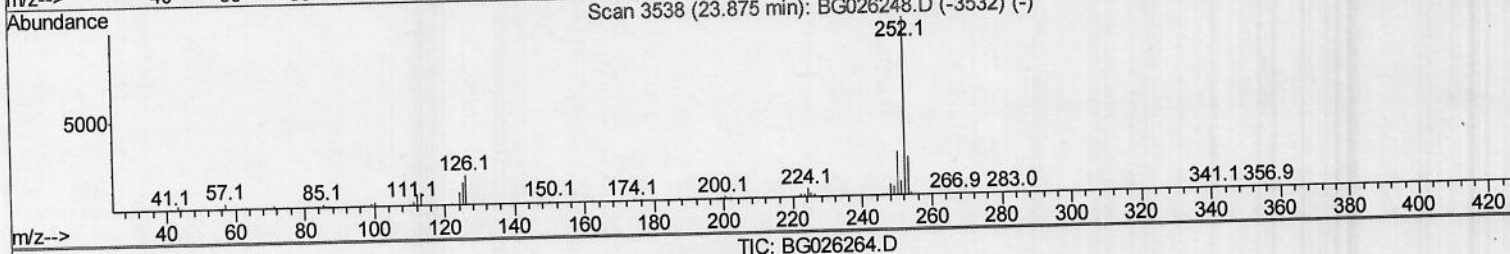
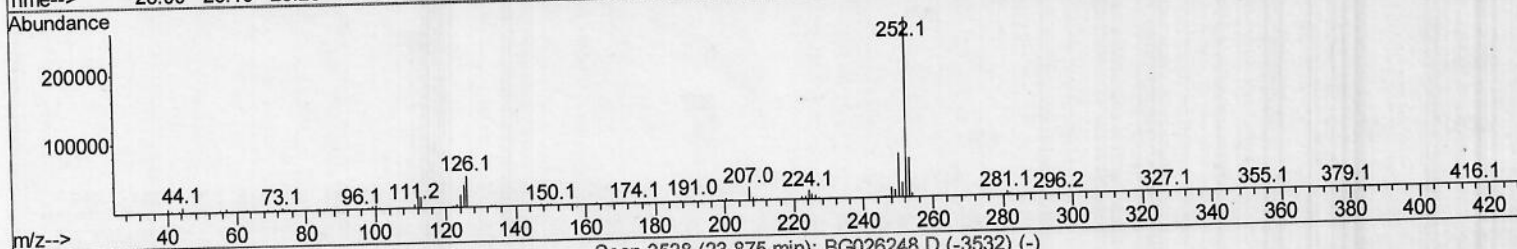
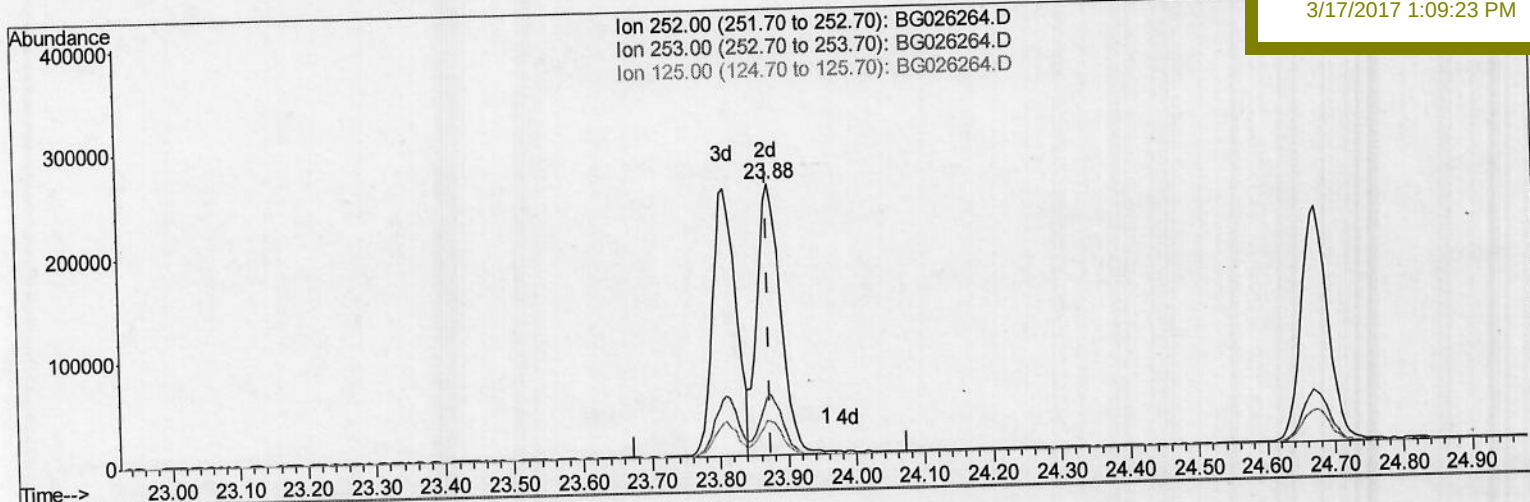
Data Path : Z:\HPCHEM1\BNA G\Data\BG031517\  
 Data File : BG026264.D  
 Acq On : 16 Mar 2017 11:23  
 Operator : SJ/MA  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02028

Quant Time: Mar 16 13:06:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 16 04:25:12 2017  
 Response via : Initial Calibration

Manual Integrations  
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(24) Benzo(k)fluoranthene

23.875min (+0.001) 21.43ng/ul m

response 626094

Ion Exp% Act%

252.00 100 100

253.00 22.50 22.20

125.00 10.10 12.40#

0.00 0.00 0.00

SJ  
 03/18/2017



Data Path : Z:\HPCHEM1\BNA G\Data\BG031517\  
 Data File : BG026264.D  
 Acq On : 16 Mar 2017 11:23  
 Operator : SJ/MA  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02028

Quant Time: Mar 16 13:09:07 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M  
 Quant Title : SVOA CALIBRATION  
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Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 77184    | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.86 | 136  | 406509   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.66 | 164  | 235254   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.39 | 188  | 500421   | 20.00 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.64 | 240  | 538646   | 20.00 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 24.82 | 264  | 523390   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 7) Acenaphthylene-d8        | 14.36 | 160  | 466931   | 23.97 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.64 | 176  | 323613   | 21.63 | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.49 | 188  | 454360   | 20.08 | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.76 | 212  | 486629   | 18.74 | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.60 | 264  | 470823   | 20.33 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.91 | 128  | 411085   | 20.51 | ng/ul  | 99       |
| 4) 2-Methylnaphthalene      | 12.50 | 142  | 312341   | 19.77 | ng/ul  | 95       |
| 5) 1-Methylnaphthalene      | 12.72 | 142  | 301653   | 19.59 | ng/ul# | 95       |
| 8) Acenaphthylene           | 14.39 | 152  | 475777   | 23.84 | ng/ul  | 98       |
| 9) Acenaphthene             | 14.72 | 153  | 342277   | 24.00 | ng/ul  | 97       |
| 11) Fluorene                | 15.70 | 166  | 385639   | 23.05 | ng/ul  | 94       |
| 13) Phenanthrene            | 17.44 | 178  | 562337   | 21.07 | ng/ul  | 97       |
| 15) Anthracene              | 17.52 | 178  | 563337   | 20.78 | ng/ul  | 97       |
| 16) Fluoranthene            | 19.43 | 202  | 623182   | 21.24 | ng/ul  | 99       |
| 19) Pyrene                  | 19.79 | 202  | 634687   | 19.47 | ng/ul# | 95       |
| 20) Benzo(a)anthracene      | 21.62 | 228  | 624387   | 20.61 | ng/ul  | 96       |
| 21) Chrysene                | 21.68 | 228  | 590314   | 20.39 | ng/ul  | 99       |
| 23) Benzo(b)fluoranthene    | 23.81 | 252  | 616342m  | 20.38 | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 23.88 | 252  | 626094m  | 21.43 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.67 | 252  | 606274   | 20.72 | ng/ul# | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 28.45 | 276  | 707532   | 20.64 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 28.51 | 278  | 577951   | 20.36 | ng/ul# | 96       |
| 29) Benzo(a,h,i)perylene    | 29.58 | 276  | 564933   | 19.98 | ng/ul# | 92       |

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

95  
 03/16/2017