

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

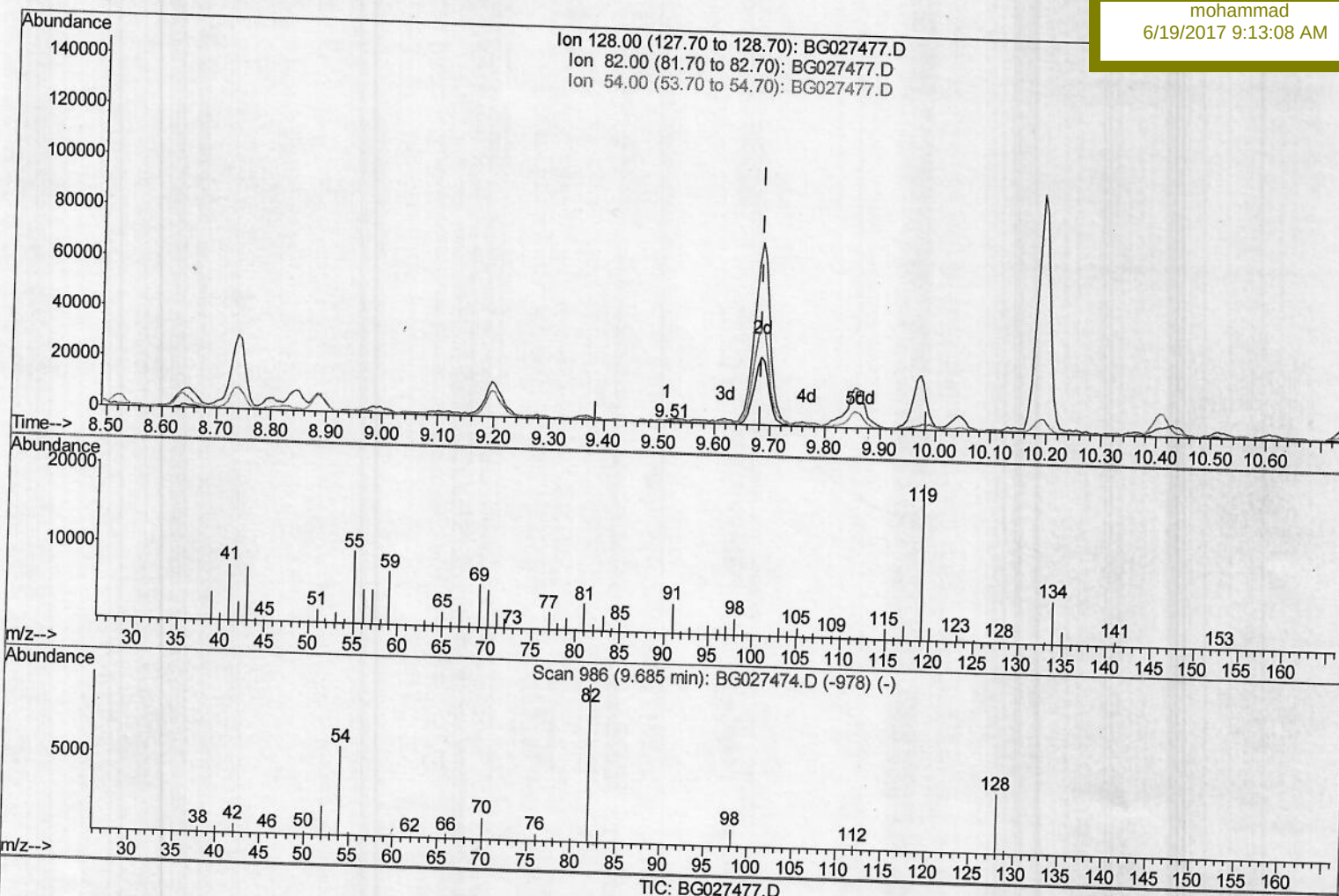
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 22:56:28 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampled :  
B0AD1

Manual Integrations  
APPROVED

mohammad  
6/19/2017 9:13:08 AM



(19) Nitrobenzene-d5 (S)

9.513min (-0.172) 0.16ng/ui

response 375

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100    | 100    |
| 82.00  | 354.30 | 312.58 |
| 54.00  | 219.20 | 210.93 |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

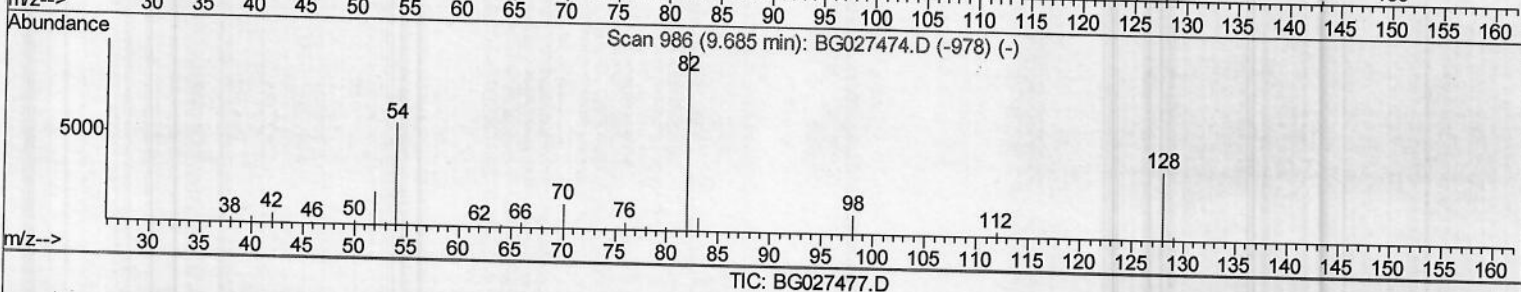
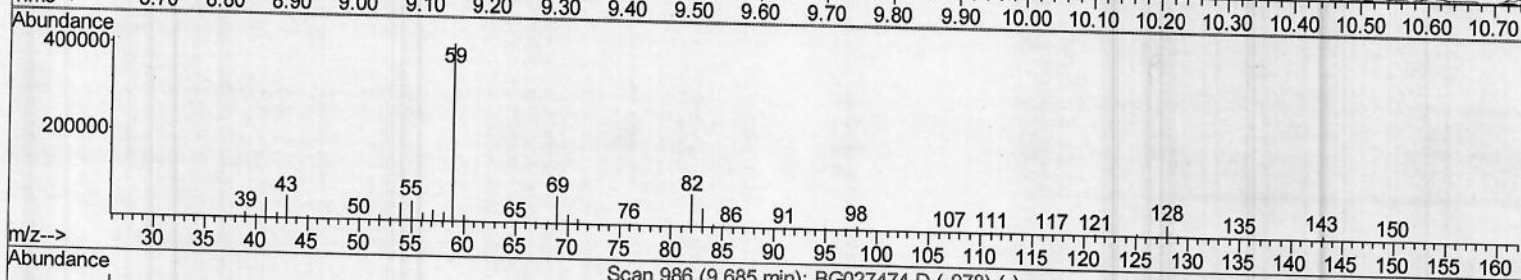
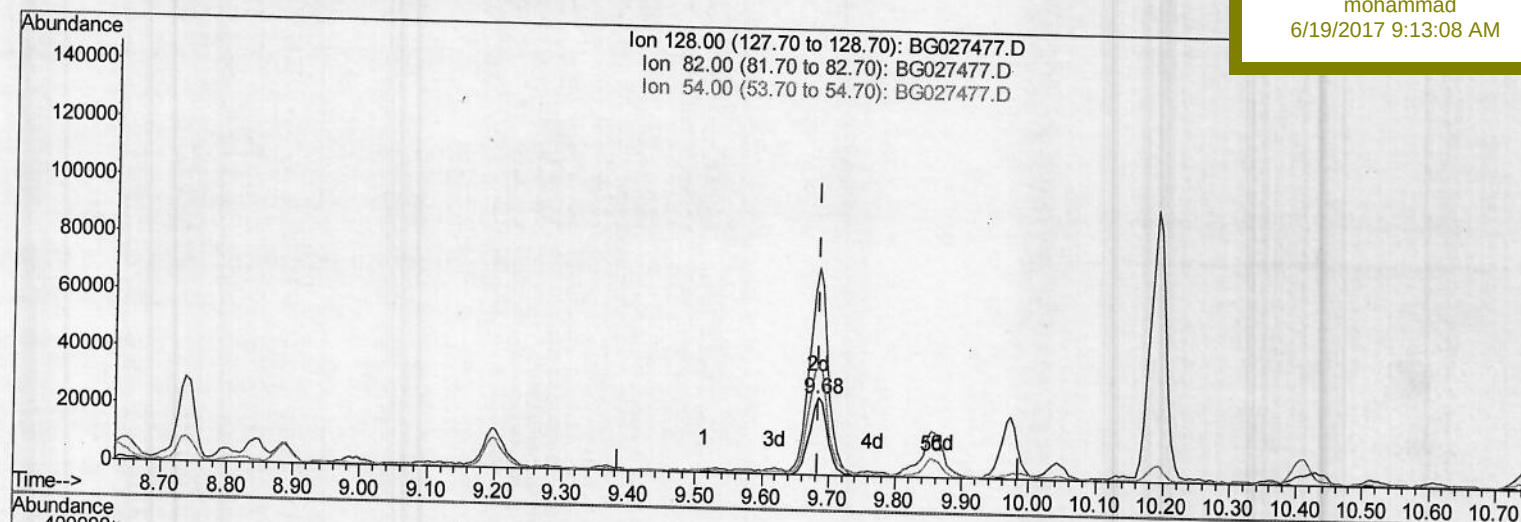
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 22:56:28 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
B0AD1

Manual Integrations  
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6/19/2017 9:13:08 AM



(19) Nitrobenzene-d5 (S)

9.684min (-0.001) 21.65ng/ul m

response 50227

Ion Exp% Act%

128.00 100 100

82.00 354.30 270.90#

54.00 219.20 143.94#

0.00 0.00 0.00

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Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\

Quantitation Report (Qedit)

Data File : BG027477.D

Acq On : 16 Jun 2017 18:46

Operator : SJ/MA

Sample : I3646-02

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 22:56:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 16 22:56:07 2017

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

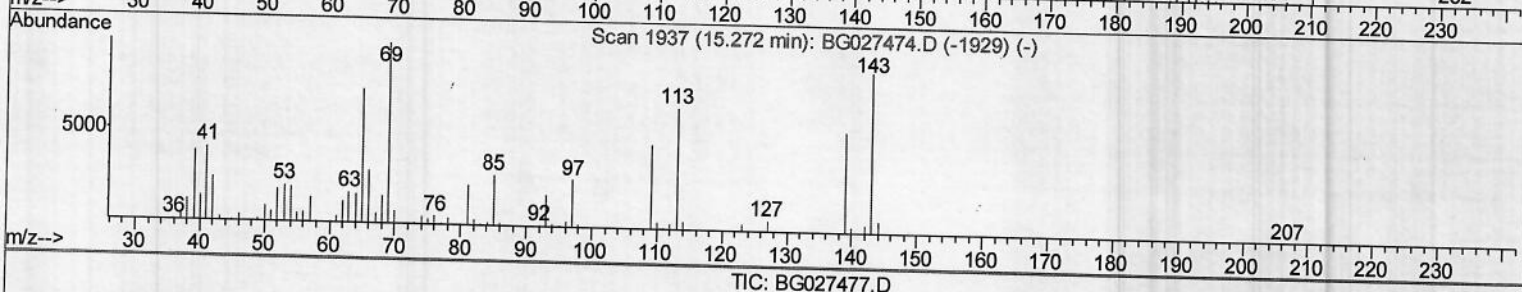
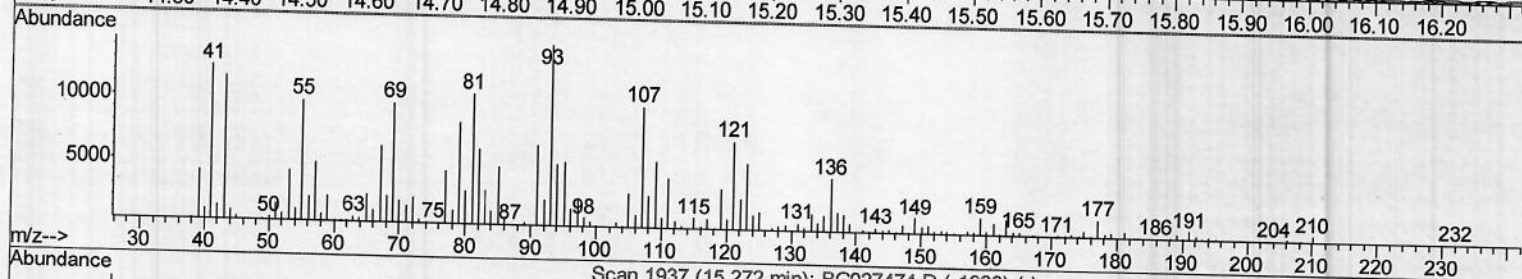
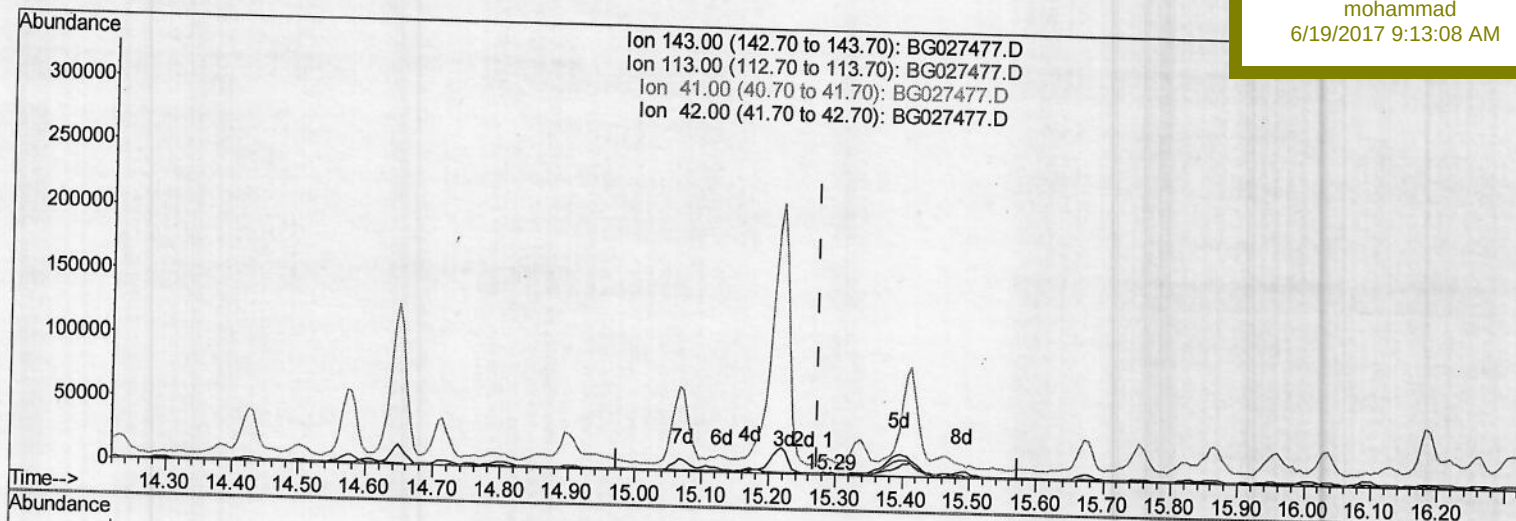
B0AD1

Manual Integrations

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(51) 4-Nitrophenol-d4 (S)

15.289min (+0.016) 0.06ng/ul

response 159

| Ion | Exp% | Act% |
|-----|------|------|
|-----|------|------|

|        |     |     |
|--------|-----|-----|
| 143.00 | 100 | 100 |
|--------|-----|-----|

|        |        |        |
|--------|--------|--------|
| 113.00 | 117.30 | 57.25# |
|--------|--------|--------|

|       |       |          |
|-------|-------|----------|
| 41.00 | 58.00 | 2230.23# |
|-------|-------|----------|

|       |       |         |
|-------|-------|---------|
| 42.00 | 42.20 | 235.06# |
|-------|-------|---------|



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

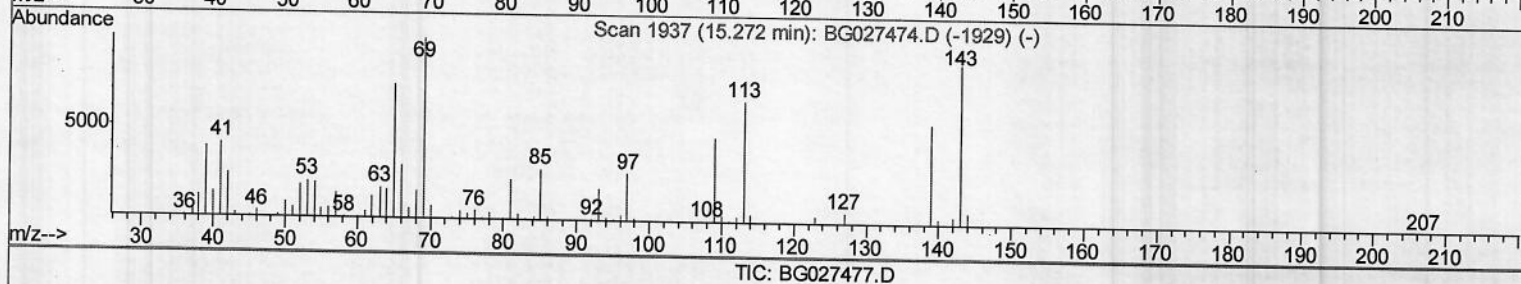
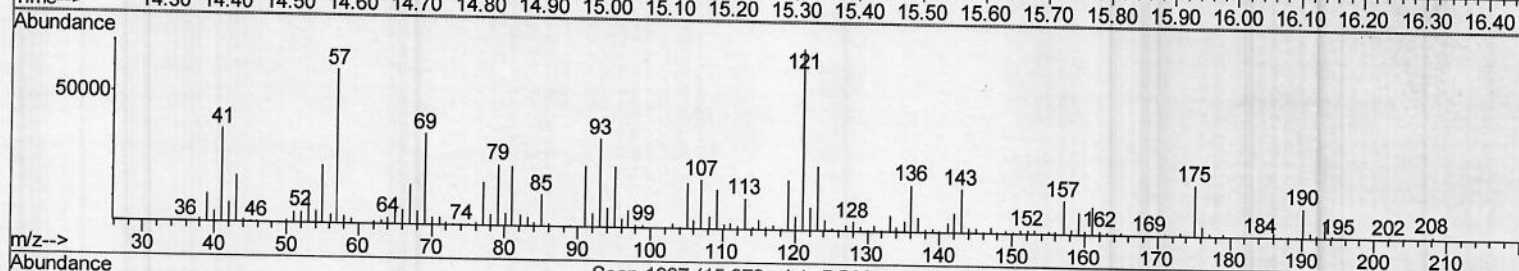
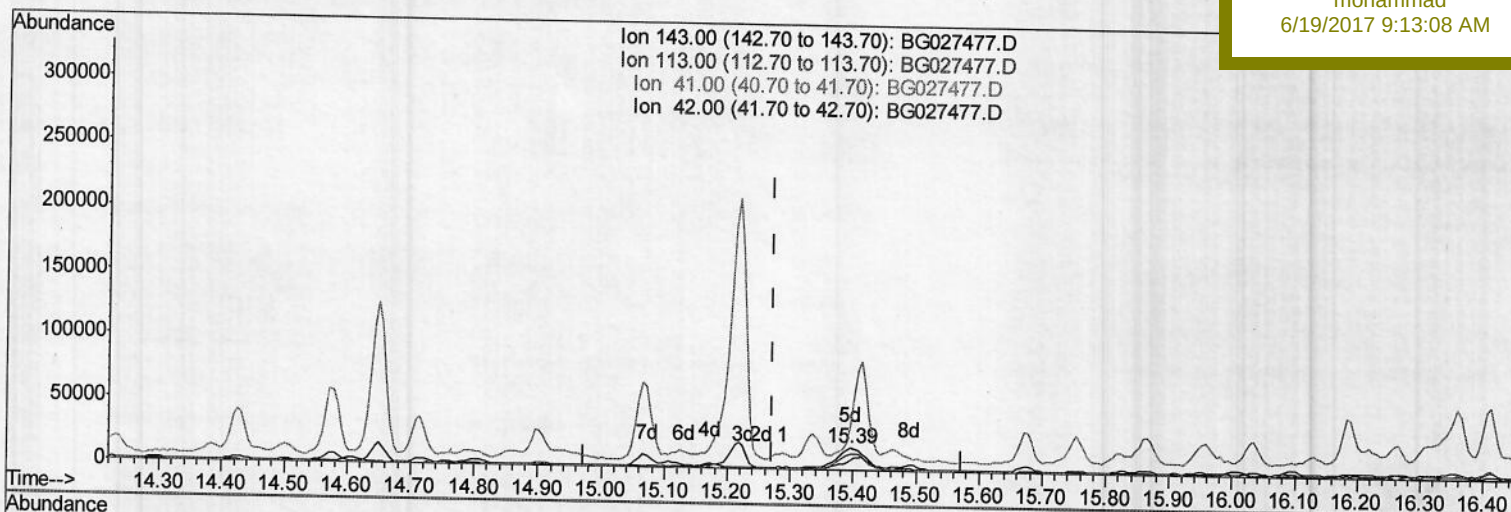
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 22:56:28 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
B0AD1

Manual Integrations  
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(51) 4-Nitrophenol-d4 (S)

15.395min (+0.122) 20.27ng/ul m

response 56559

Ion Exp% Act%

143.00 100 100

113.00 117.30 70.86#

41.00 58.00 208.38#

42.00 42.20 46.08

> 5.5  
06/28/2017



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

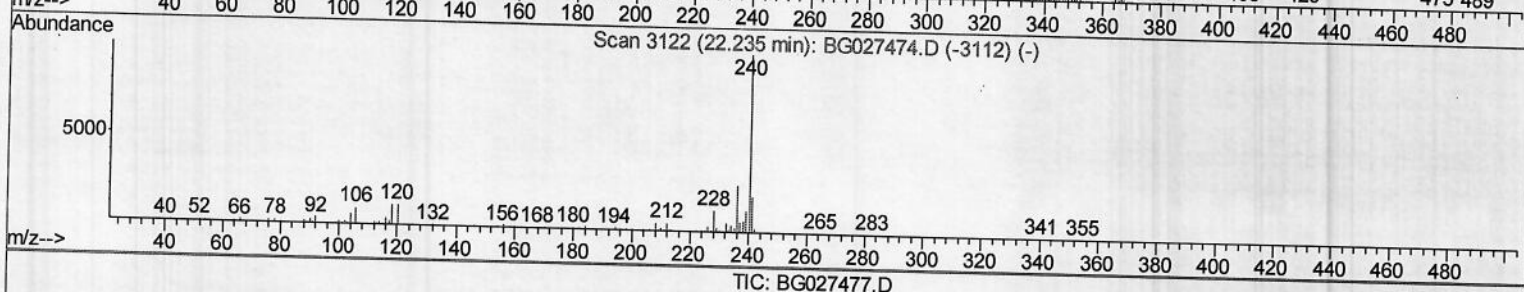
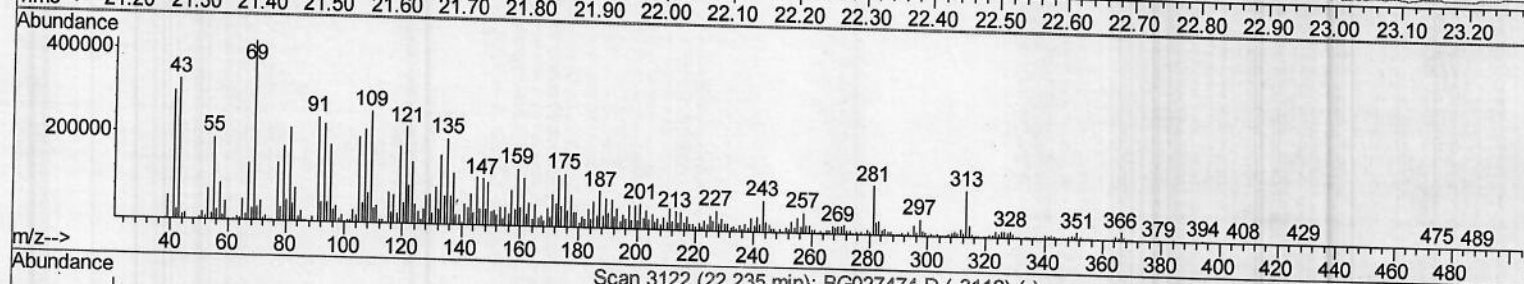
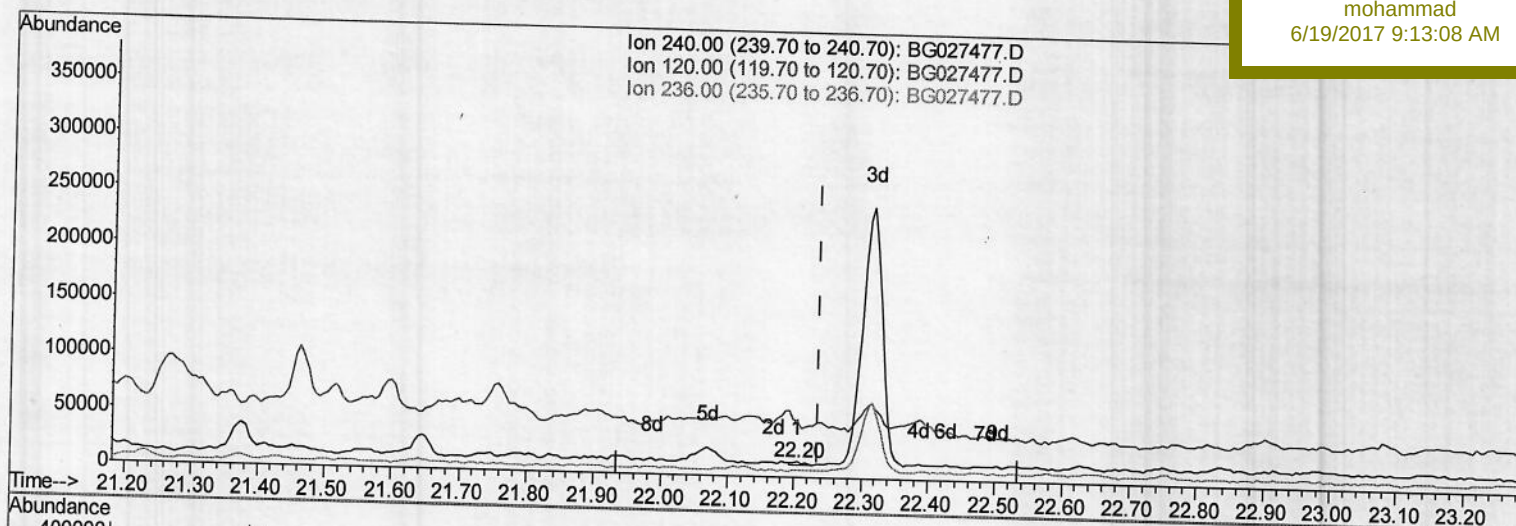
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 22:56:28 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
B0AD1

Manual Integrations  
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(75) Chrysene-d12 (I)

22.204min (-0.031) 20.00ng/ul

response 3001

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 6.40  | 353.23# |
| 236.00 | 27.90 | 46.66#  |
| 0.00   | 0.00  | 0.00    |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

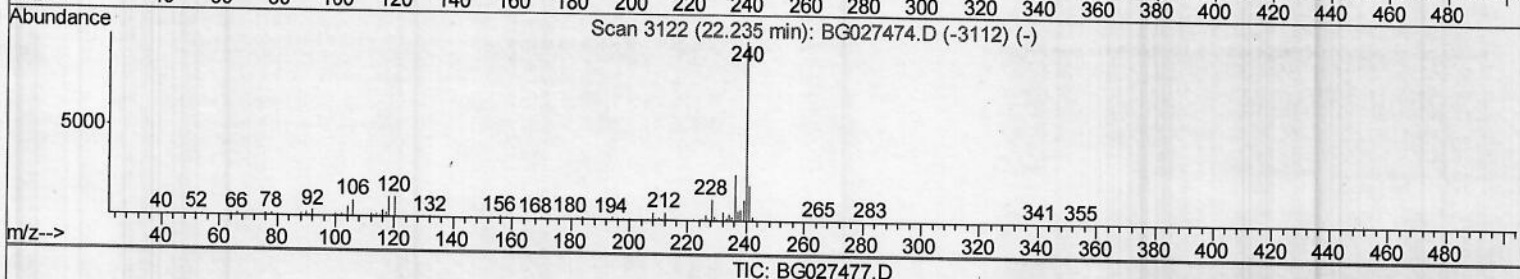
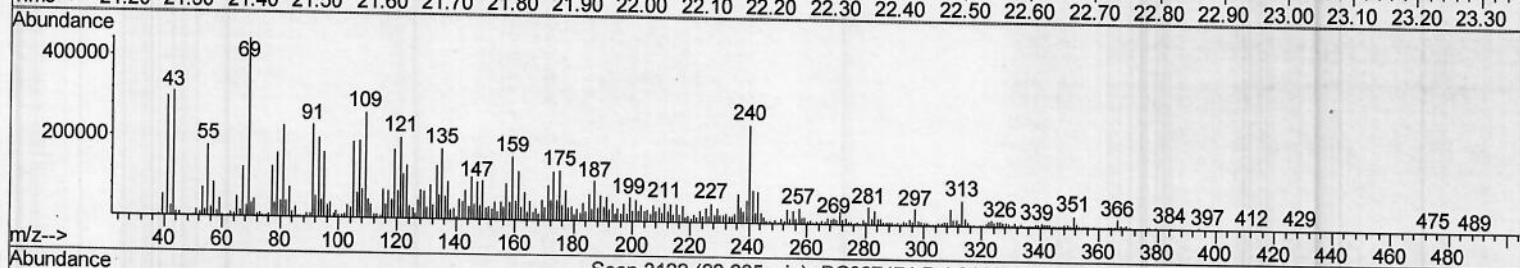
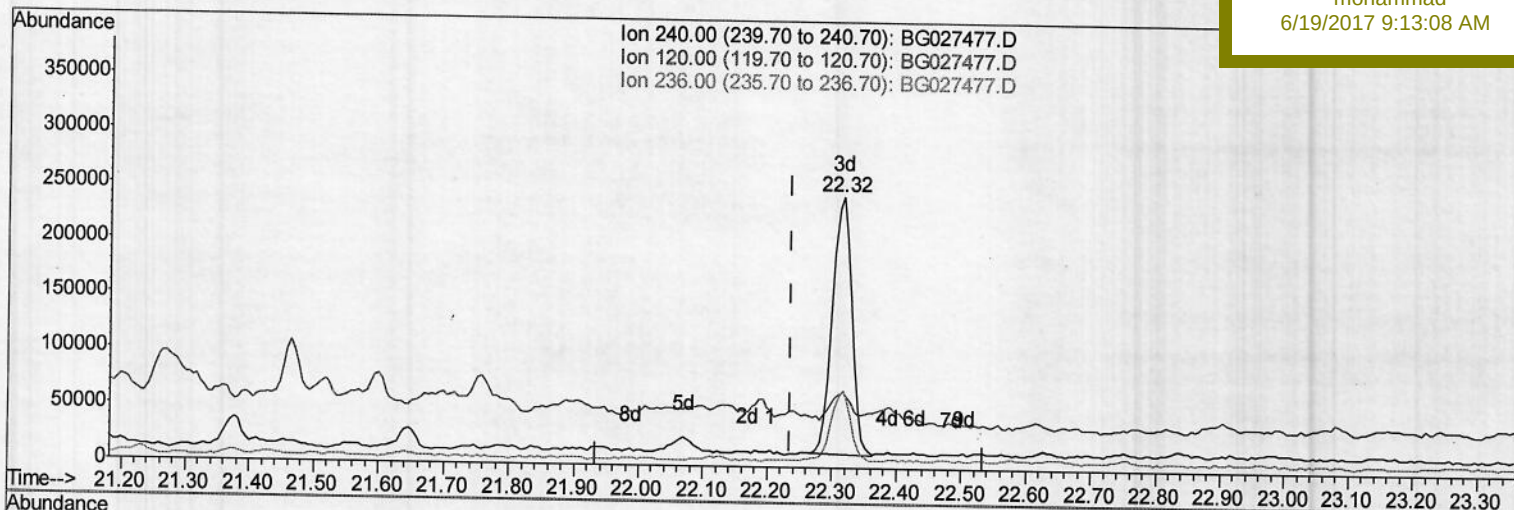
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 22:56:28 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
B0AD1

Manual Integrations  
APPROVED

mohammad  
6/19/2017 9:13:08 AM



(75) Chrysene-d12 (I)

22.316min (+0.081) 20.00ng/ul m

response 472705

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 6.40  | 27.85# |
| 236.00 | 27.90 | 28.14  |
| 0.00   | 0.00  | 0.00   |

> 5.7  
06/28/2017



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

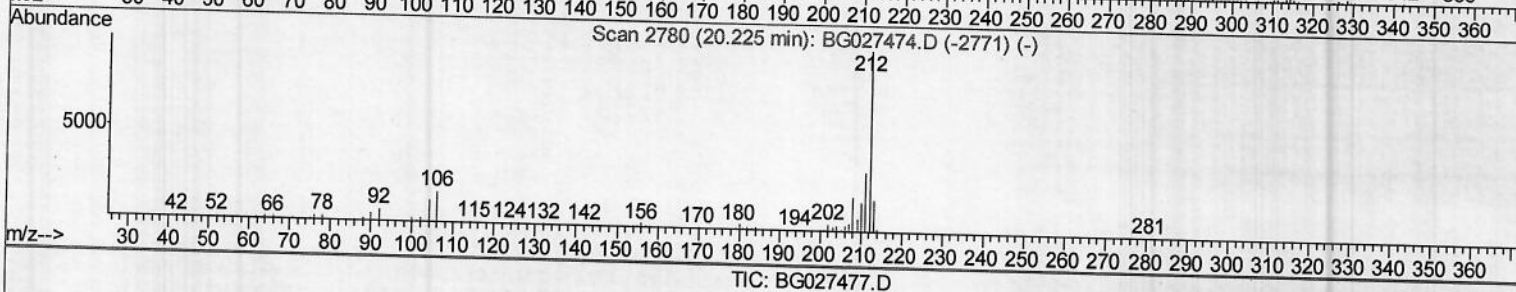
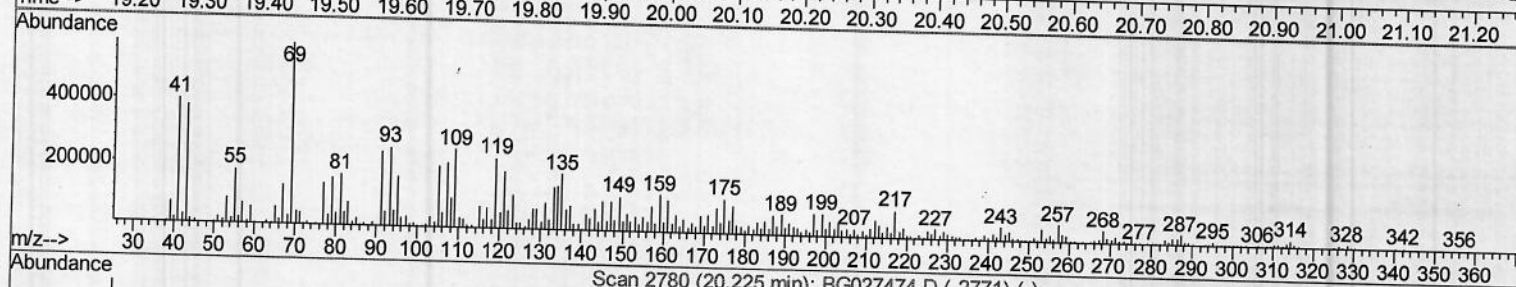
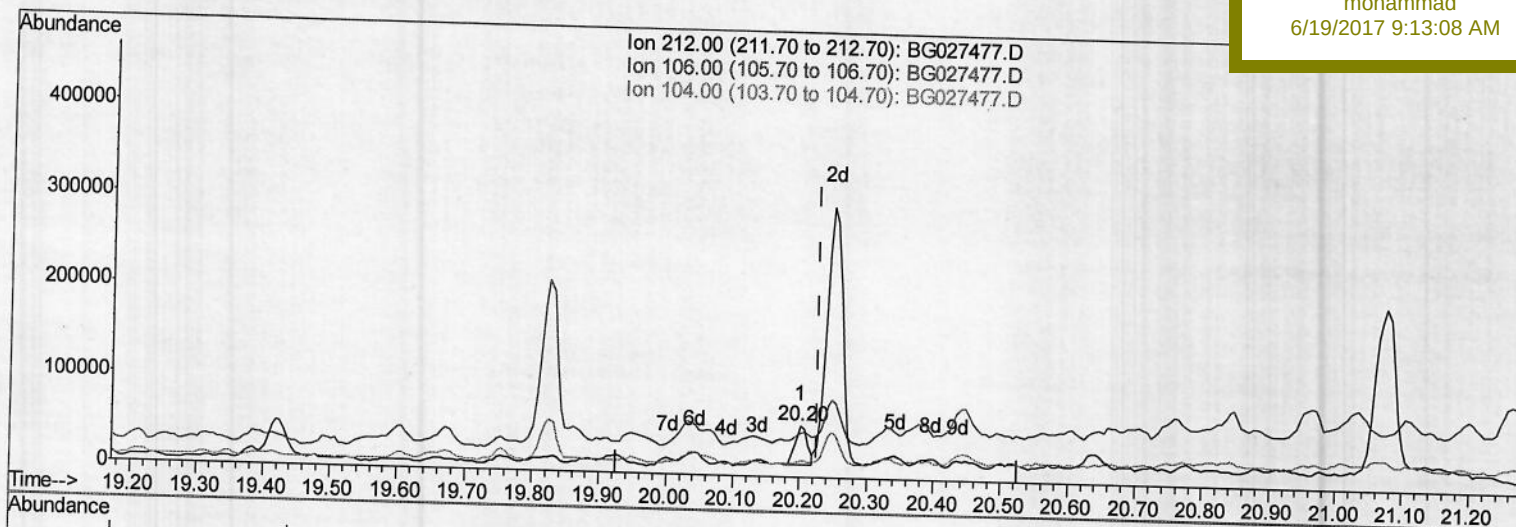
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 23:06:38 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
Client Sample ID :  
B0AD1

Manual Integrations  
APPROVED

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(76) Pyrene-d10 (S)

20.201min (-0.025) 2.28ng/ul

response 52529

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 212.00 | 100  | 100    |
| 106.00 | 8.60 | 85.81# |
| 104.00 | 6.10 | 30.39# |
| 0.00   | 0.00 | 0.00   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

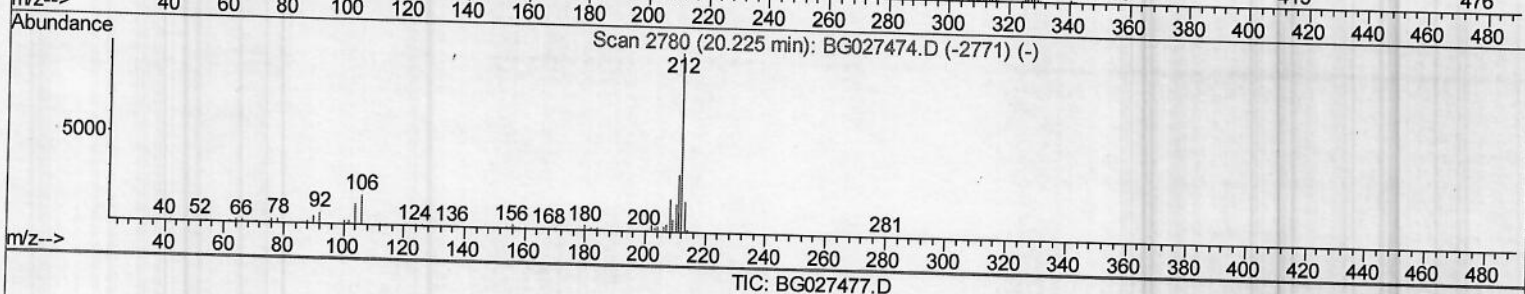
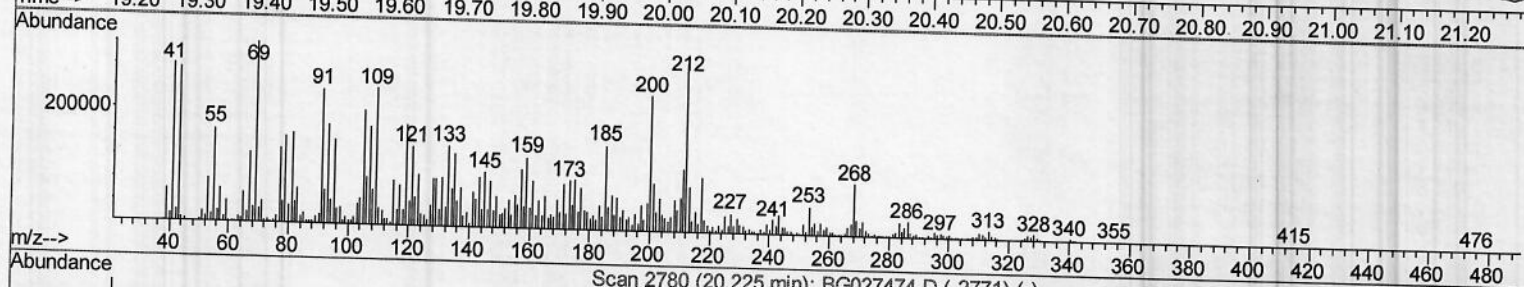
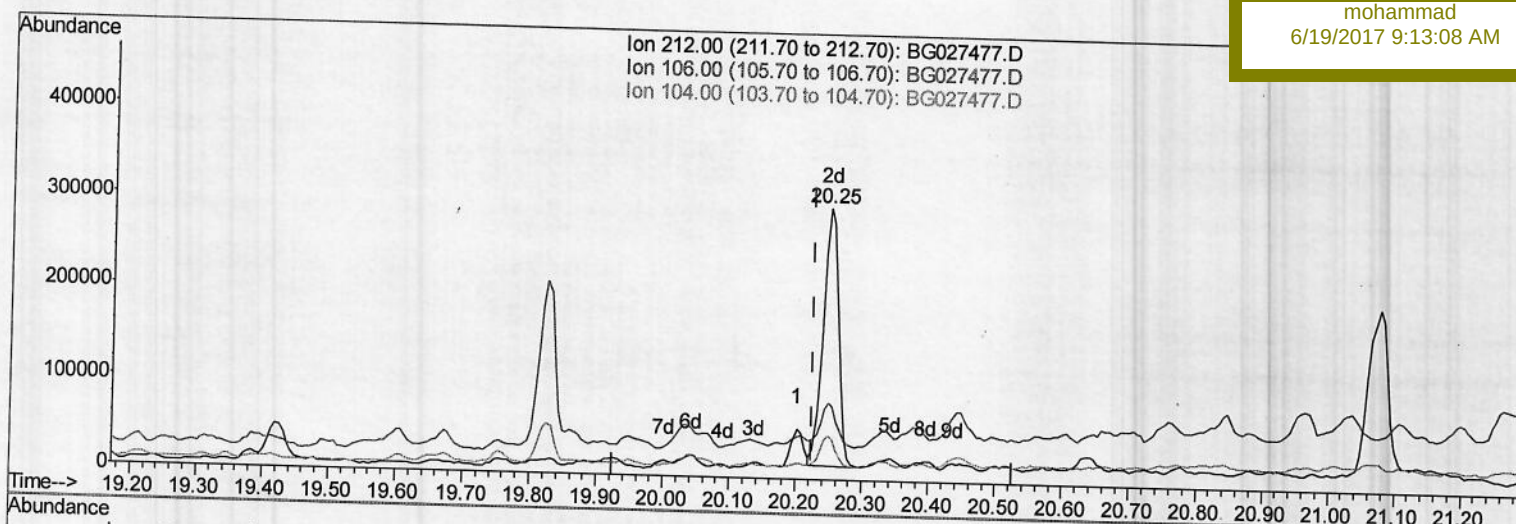
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 23:06:38 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
Client Sampled :  
B0AD1

Manual Integrations  
APPROVED

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(76) Pyrene-d10 (S)

20.248min (+0.022) 19.87ng/ul m

response 458721

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 212.00 | 100  | 100    |
| 106.00 | 8.60 | 28.56# |
| 104.00 | 6.10 | 16.57# |
| 0.00   | 0.00 | 0.00   |

> S.J  
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Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

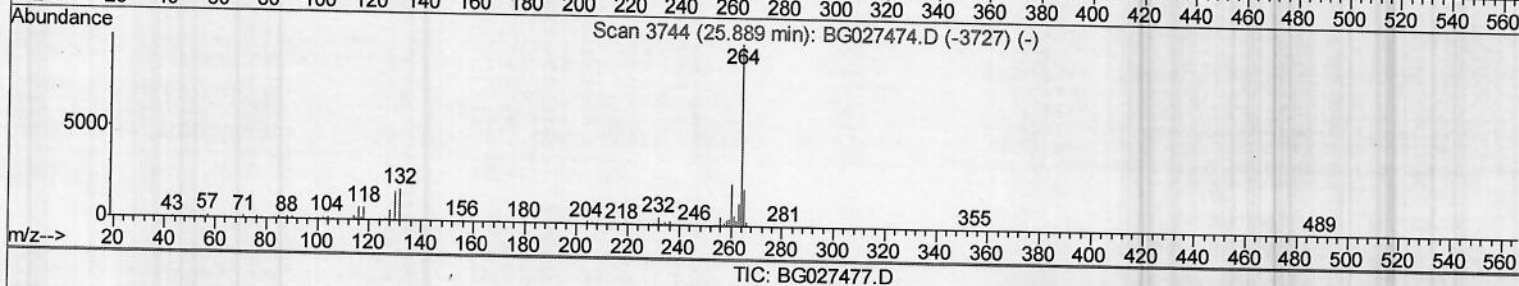
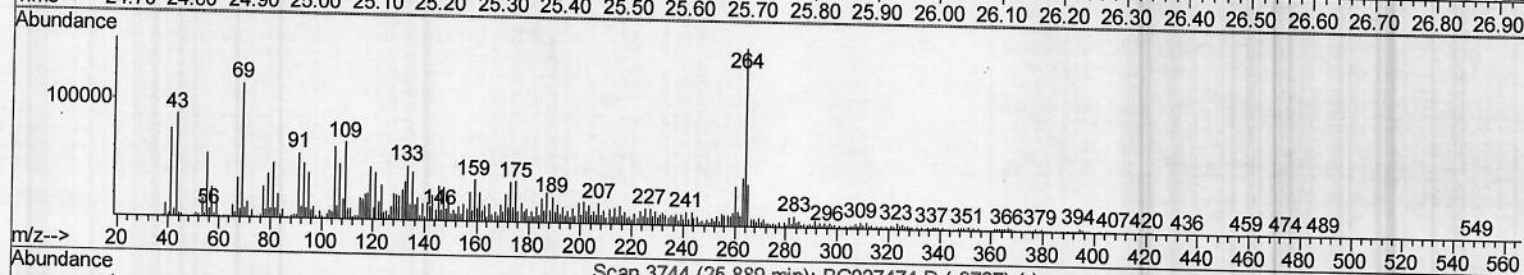
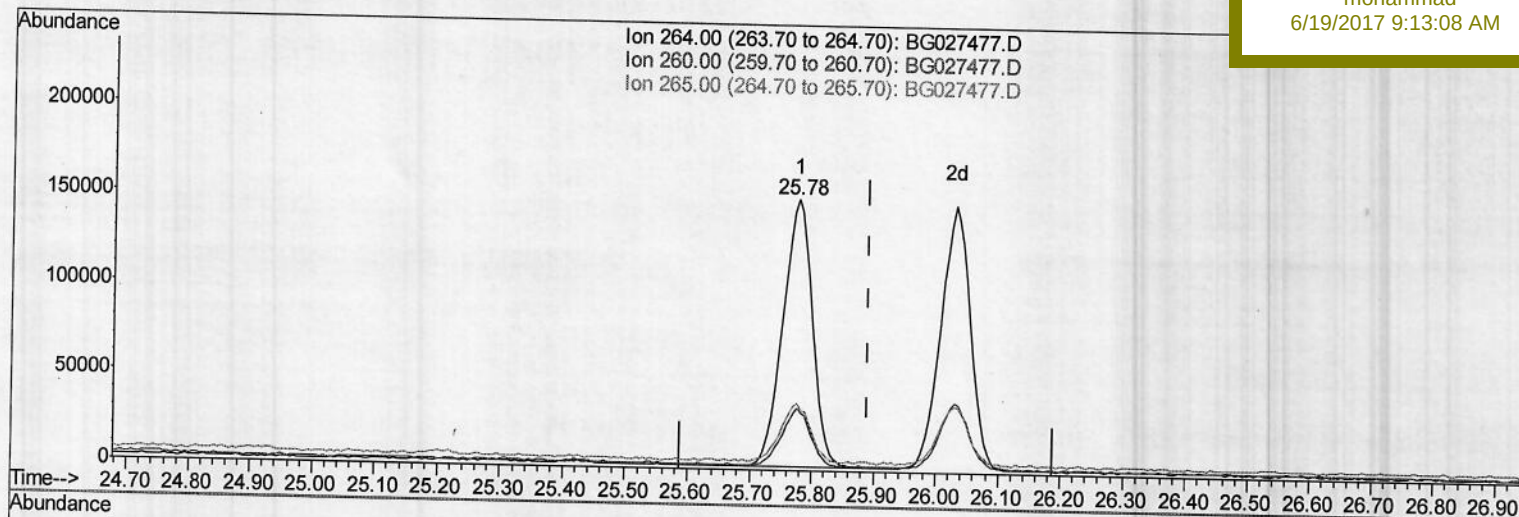
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 23:07:55 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
B0AD1

Manual Integrations  
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(83) Perylene-d12 (I)

25.777min (-0.113) 20.00ng/ul

response 486521

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 23.90 | 22.76 |
| 265.00 | 20.60 | 24.37 |
| 0.00   | 0.00  | 0.00  |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

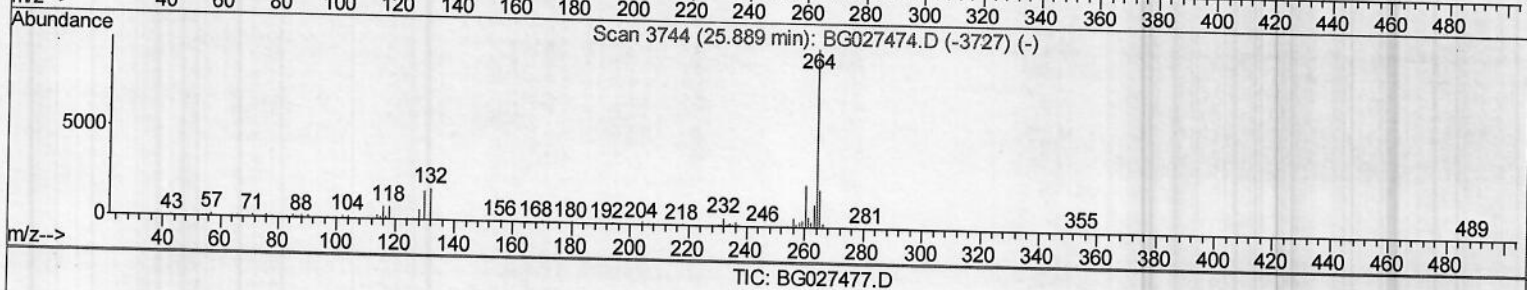
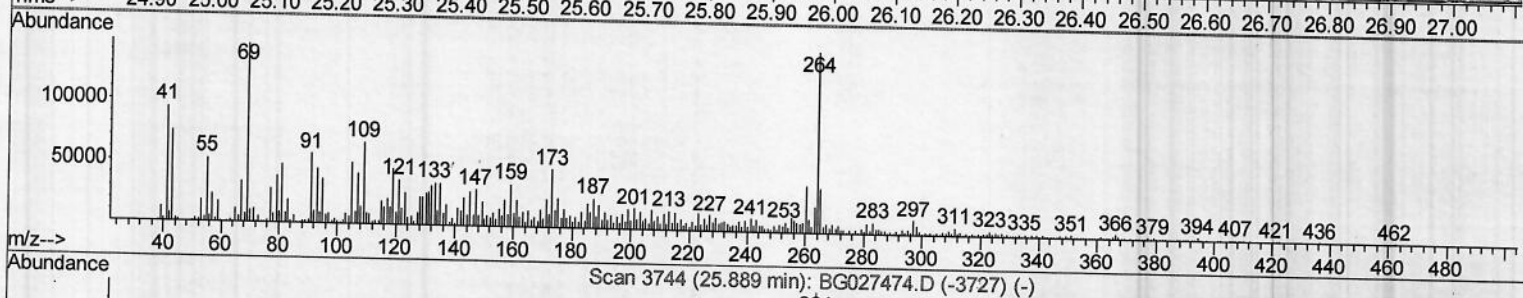
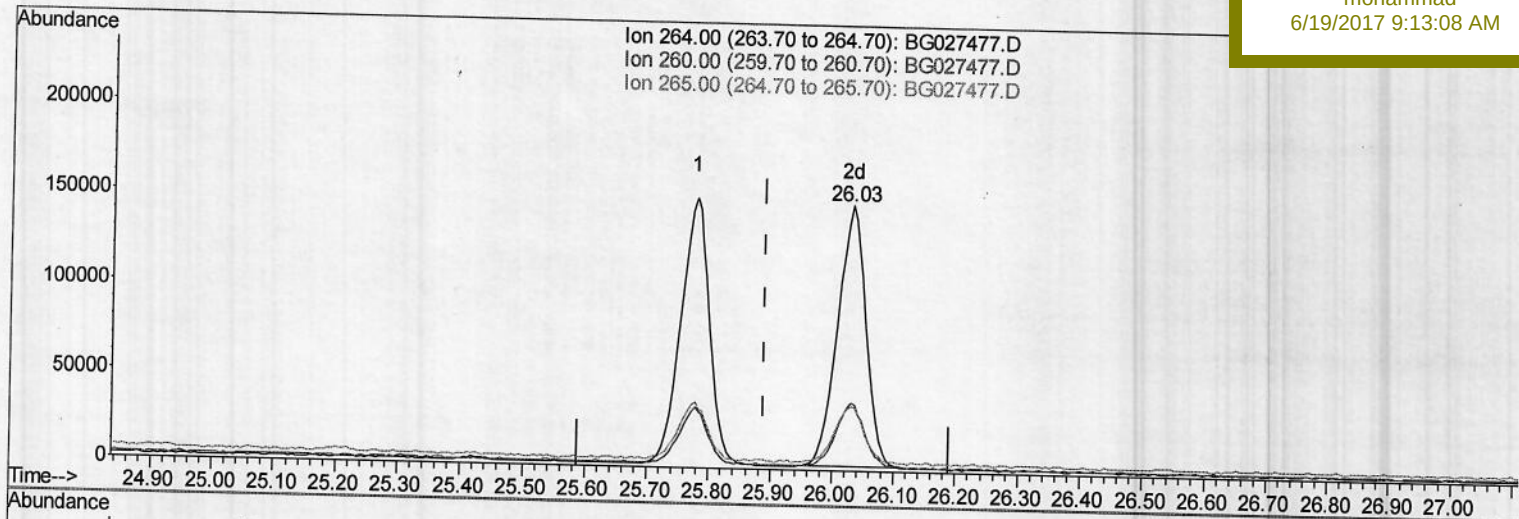
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 23:07:55 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampled :  
B0AD1

Manual Integrations  
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(83) Perylene-d12 (I)

26.029min (+0.140) 20.00ng/ul m

response 469901

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 23.90 | 26.03 |
| 265.00 | 20.60 | 24.66 |
| 0.00   | 0.00  | 0.00  |

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Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

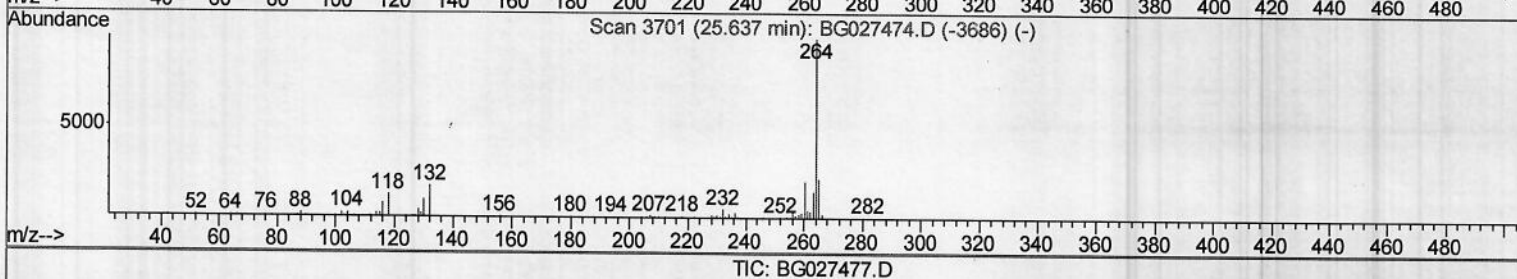
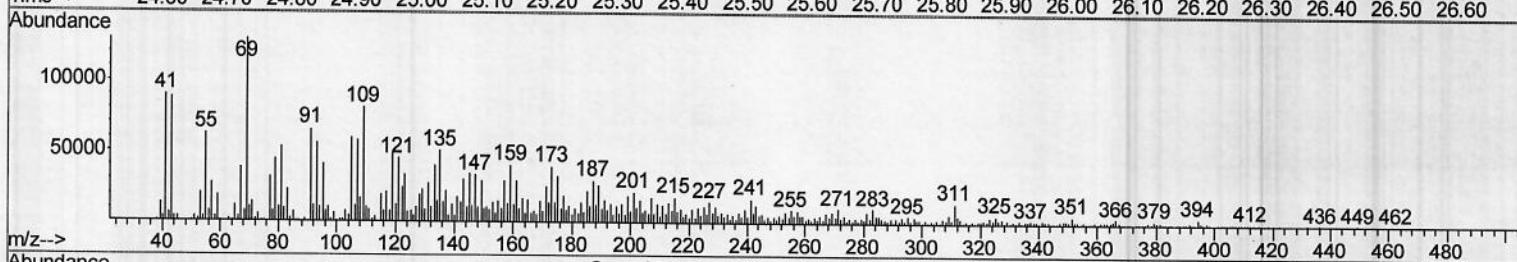
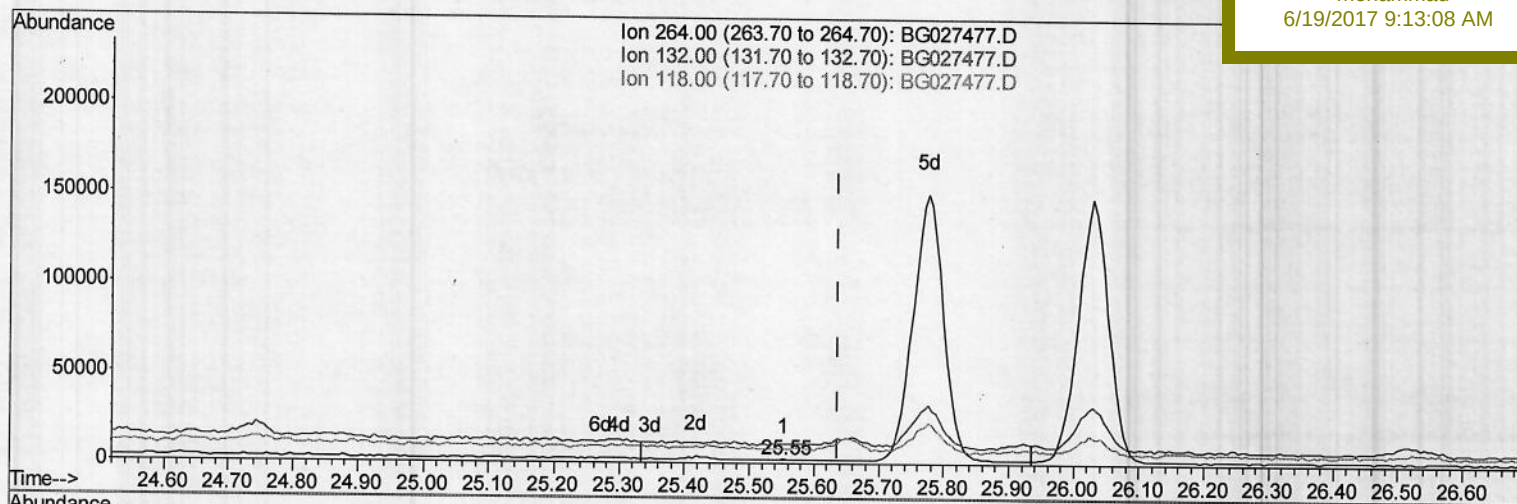
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 23:08:47 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
B0AD1

Manual Integrations  
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(87) Benzo(a)pyrene-d12 (S)

25.553min (-0.083) 0.03ng/ul

response 574

| Ion    | Exp% | Act%    |
|--------|------|---------|
| 264.00 | 100  | 100     |
| 132.00 | 8.50 | 441.64# |
| 118.00 | 6.00 | 327.16# |
| 0.00   | 0.00 | 0.00    |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

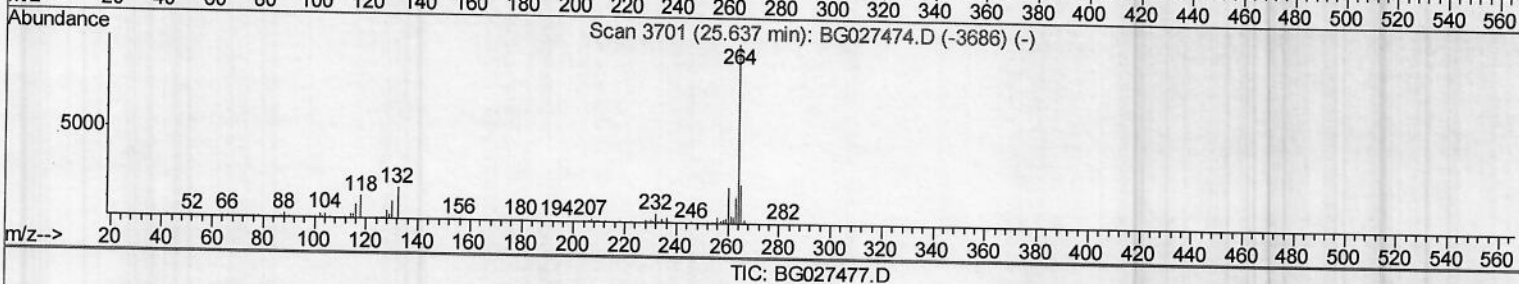
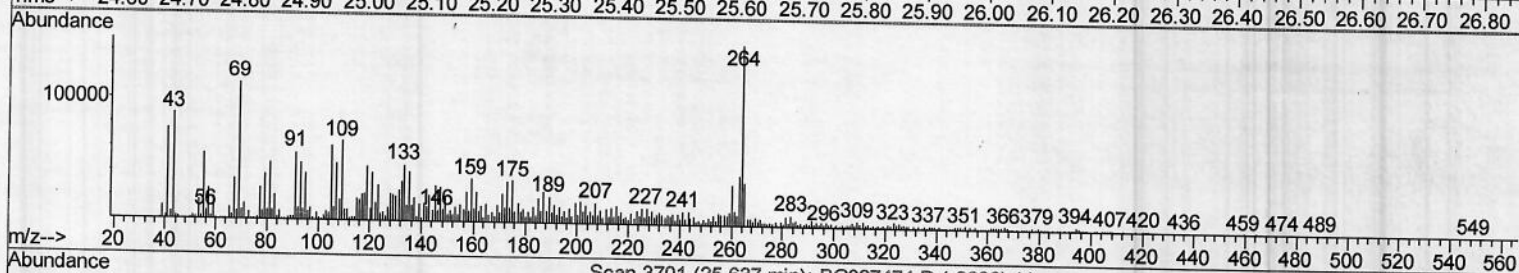
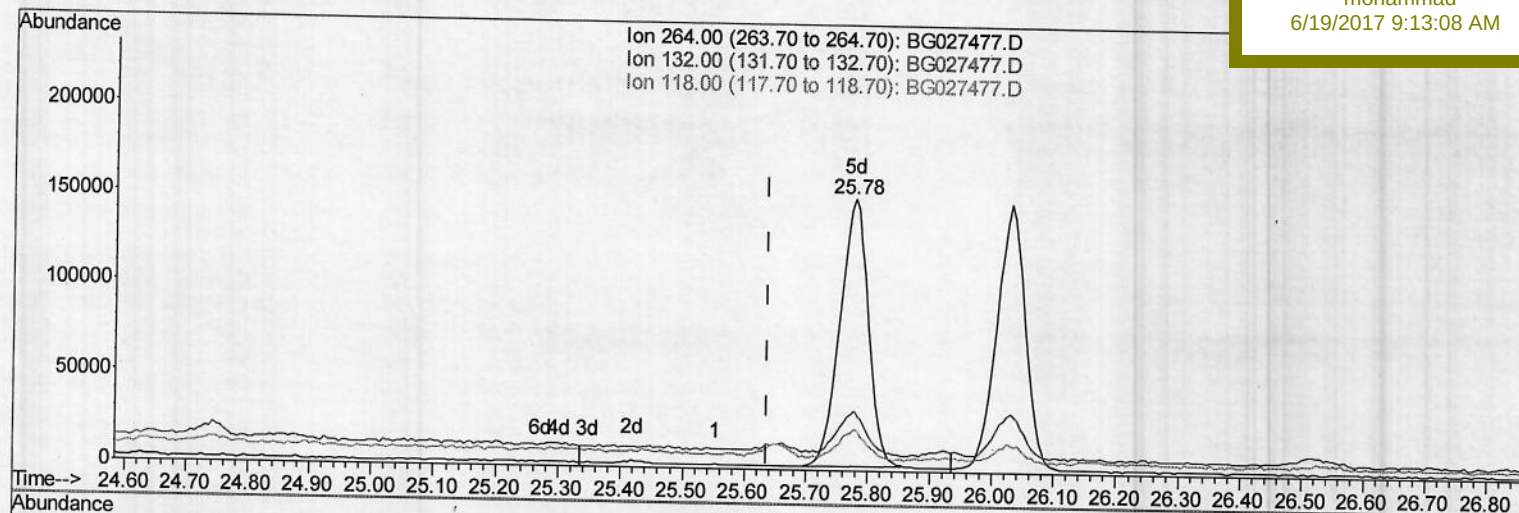
Data File : BG027477.D  
Acq On : 16 Jun 2017 18:46  
Operator : SJ/MA  
Sample : I3646-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 23:08:47 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 16 22:56:07 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
B0AD1

Manual Integrations  
APPROVED

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TIC: BG027477.D

(87) Benzo(a)pyrene-d12 (S)

25.777min (+0.140) 22.81ng/ul m

response 482672

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 264.00 | 100  | 100    |
| 132.00 | 8.50 | 22.33# |
| 118.00 | 6.00 | 15.27# |
| 0.00   | 0.00 | 0.00   |

S.J  
06/28/2017



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\

Quantitation Report (QT Reviewed)

Data File : BG027477.D

Acq On : 16 Jun 2017 18:46

Operator : SJ/MA

Sample : I3646-02

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 23:09:26 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 16 22:56:07 2017

Response via : Initial Calibration

Instrument :

BNA\_G

Client Sampled :

B0AD1

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.53  | 152  | 71883    | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 11.34 | 136  | 319427   | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 15.11 | 164  | 170369   | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 17.86 | 188  | 370246   | 20.00 | ng/ul | 0.00      |
| 75) Chrysene-d12          | 22.32 | 240  | 472705m  | 20.00 | ng/ul | 0.08      |
| 83) Perylene-d12          | 26.03 | 264  | 469901m  | 20.00 | ng/ul | 0.14      |

S.J  
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## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 4.08  | 96  | 5641    | 3.14  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.66  | 99  | 151448  | 19.43 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.83  | 67  | 107534  | 20.24 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.06  | 132 | 110126  | 21.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.20  | 113 | 120627  | 19.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.68  | 128 | 50227m  | 21.65 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.41 | 143 | 53808   | 21.83 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.95 | 165 | 98644   | 21.18 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.47 | 131 | 39713   | 6.74  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.50 | 166 | 285811  | 20.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.81 | 160 | 374463  | 22.79 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.39 | 143 | 56559m  | 20.27 | ng/ul | 0.12 |
| 57) Fluorene-d10               | 16.09 | 176 | 257728  | 19.26 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.20 | 200 | 20698   | 9.00  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.96 | 188 | 411088  | 23.81 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.25 | 212 | 458721m | 19.87 | ng/ul | 0.02 |
| 87) Benzo(a)pyrene-d12         | 25.78 | 264 | 482672m | 22.81 | ng/ul | 0.14 |

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## Target Compounds

|                       |       |     |       |             | Qvalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 6) Phenol             | 7.69  | 94  | 11926 | 1.46 ng/ul# | 89     |
| 44) Dimethylphthalate | 14.54 | 163 | 82214 | 5.81 ng/ul  | 99     |

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



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\

Quantitation Report

(QT Reviewed)

Data File : BG027477.D

Acq On : 16 Jun 2017 18:46

Operator : SJ/MA

Sample : I3646-02

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 16 23:09:26 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 16 22:56:07 2017

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

B0AD1

Manual Integrations

APPROVED

mohammad

6/19/2017 9:13:08 AM

