

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (QT Reviewed)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

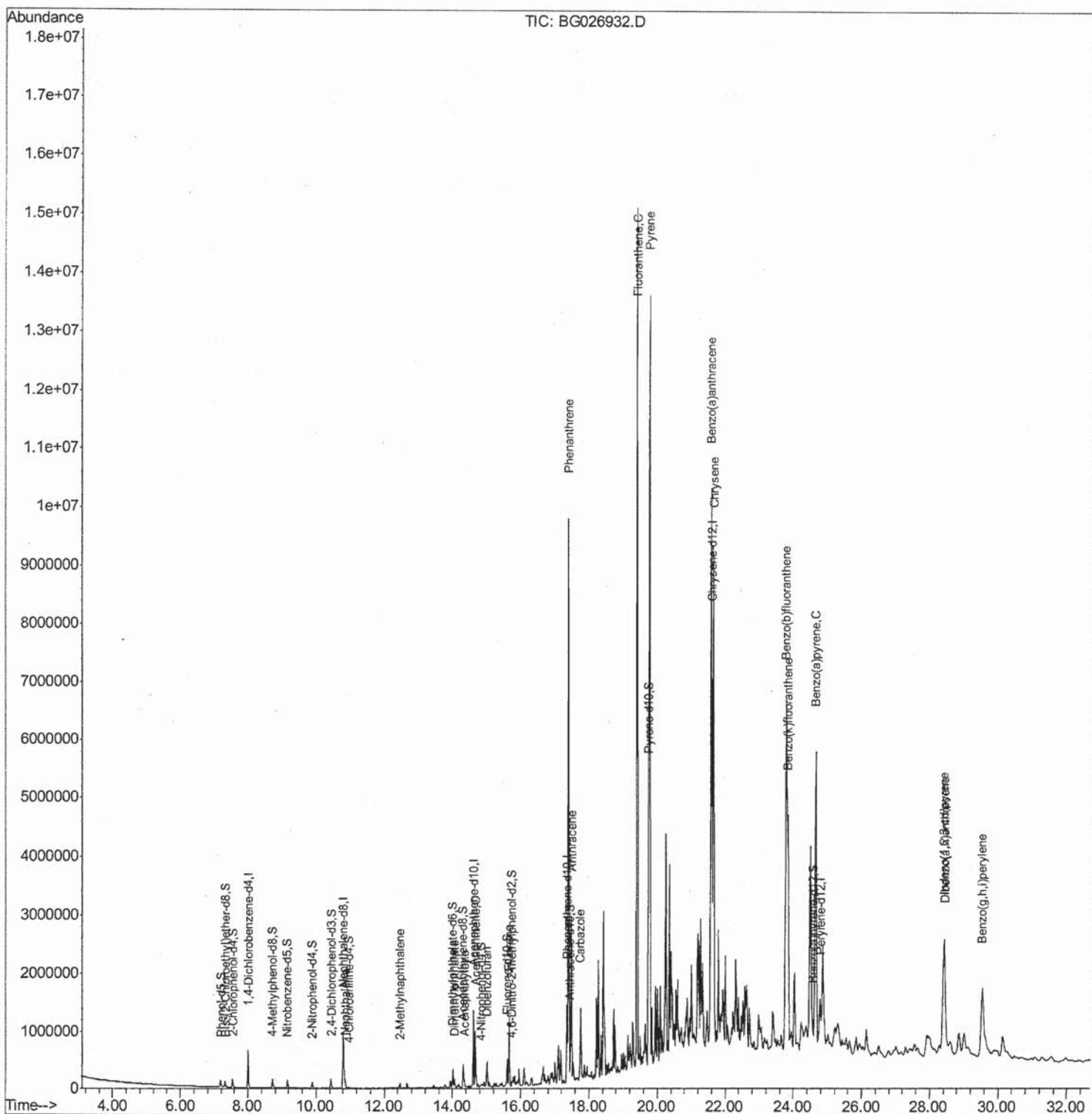
Quant Time: May 10 04:59:43 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:55:52 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

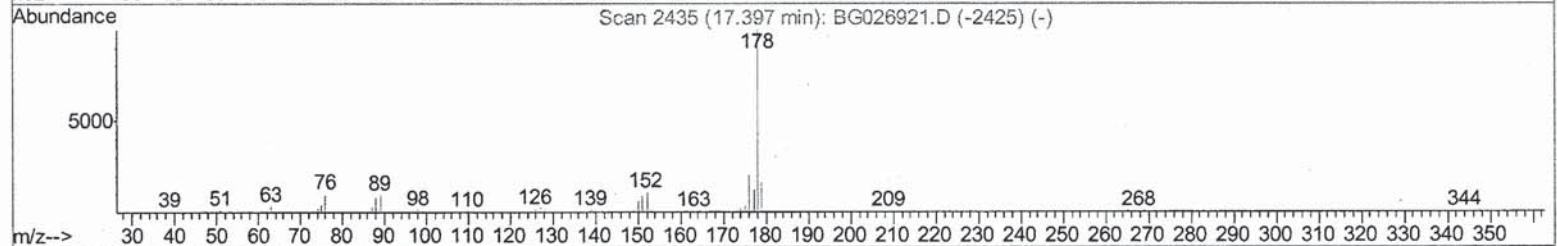
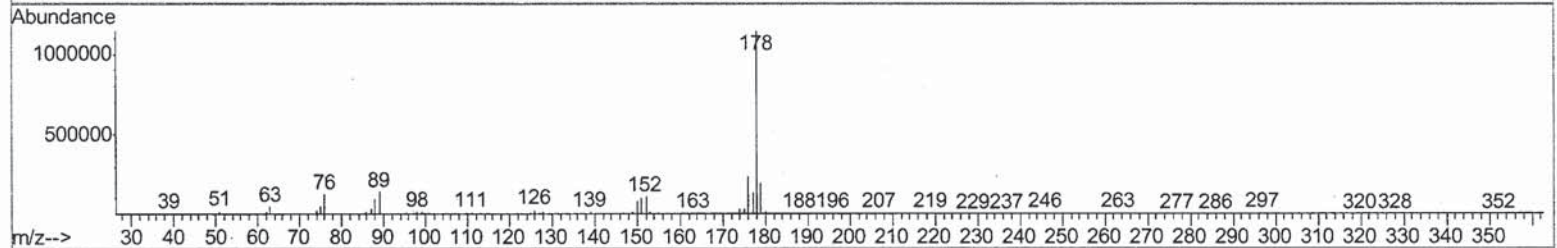
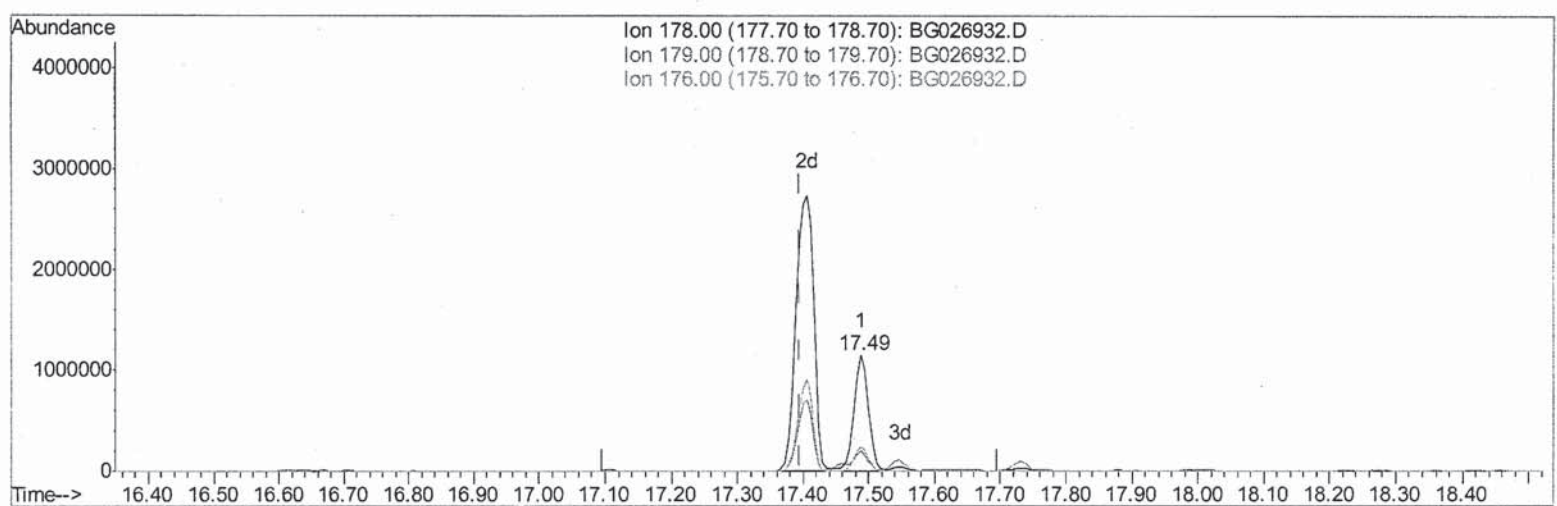
BDC38

Manual Integrations

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mohammad

5/10/2017 11:50:48 AM



TIC: BG026932.D

(69) Phenanthrene

17.489min (+0.092) 36.90ng/ul

response 1745080

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.50 | 17.13 |
| 176.00 | 20.60 | 20.63 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:55:52 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

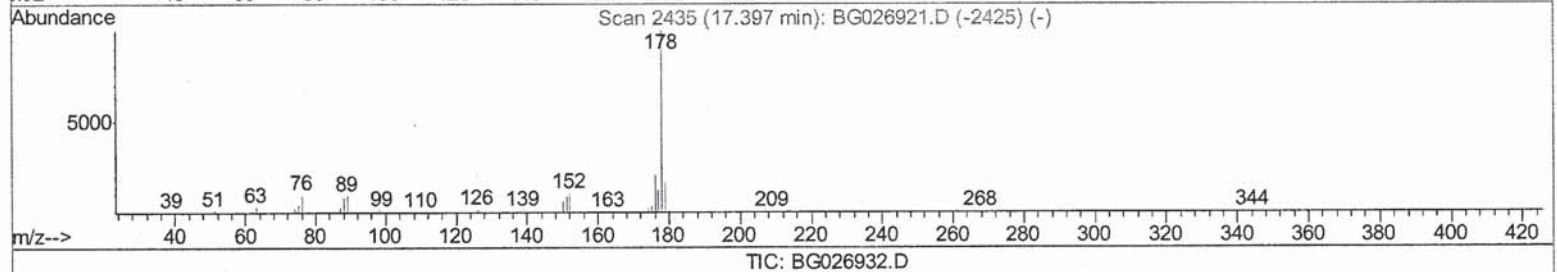
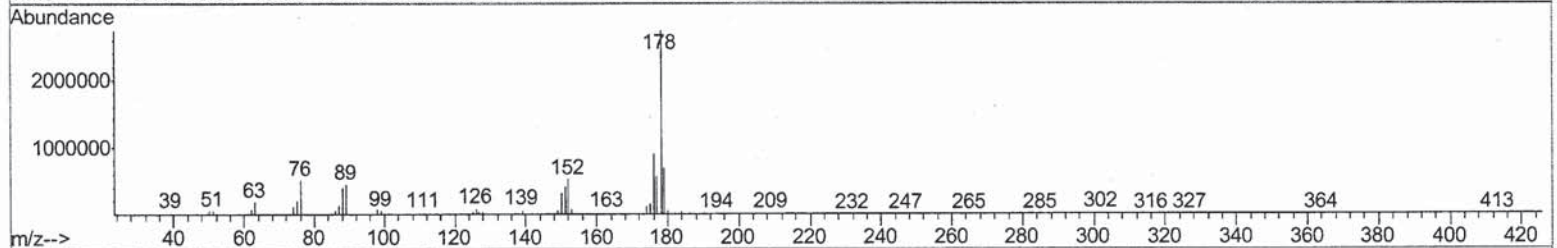
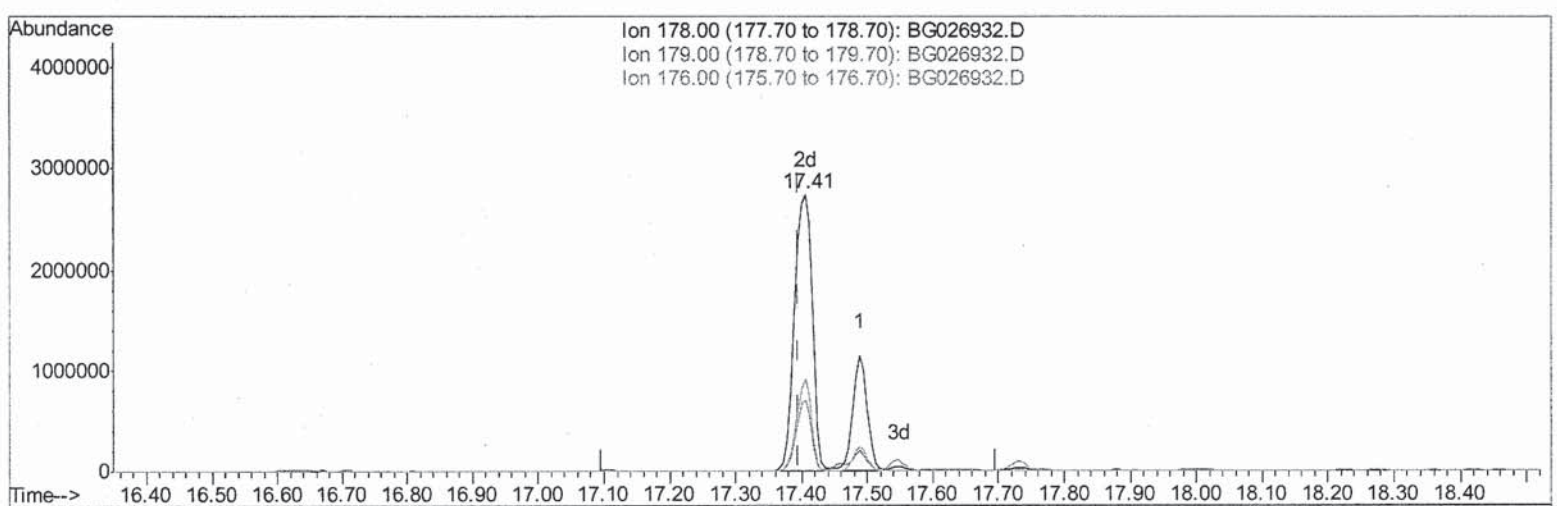
BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:50:48 AM



(69) Phenanthrene

17.406min (+0.010) 111.67ng/ul m

SJ 5/12/17

response 5281410

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 15.50 | 25.65# |
| 176.00 | 20.60 | 33.09# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

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Acq On : 10 May 2017 4:11

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Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:55:52 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

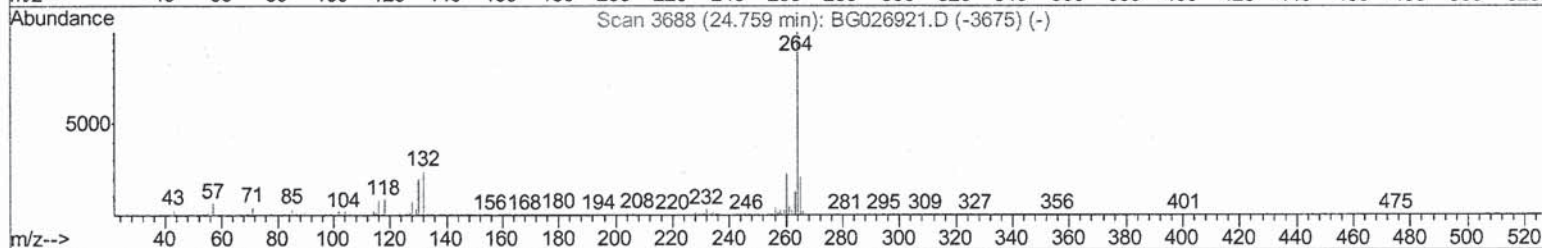
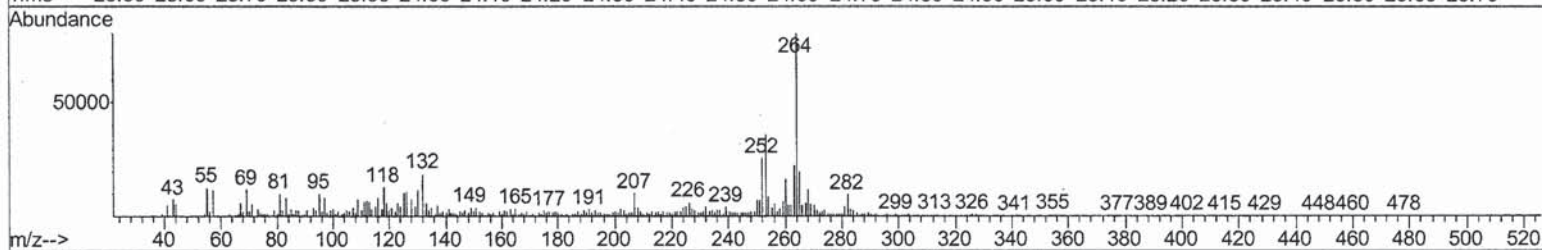
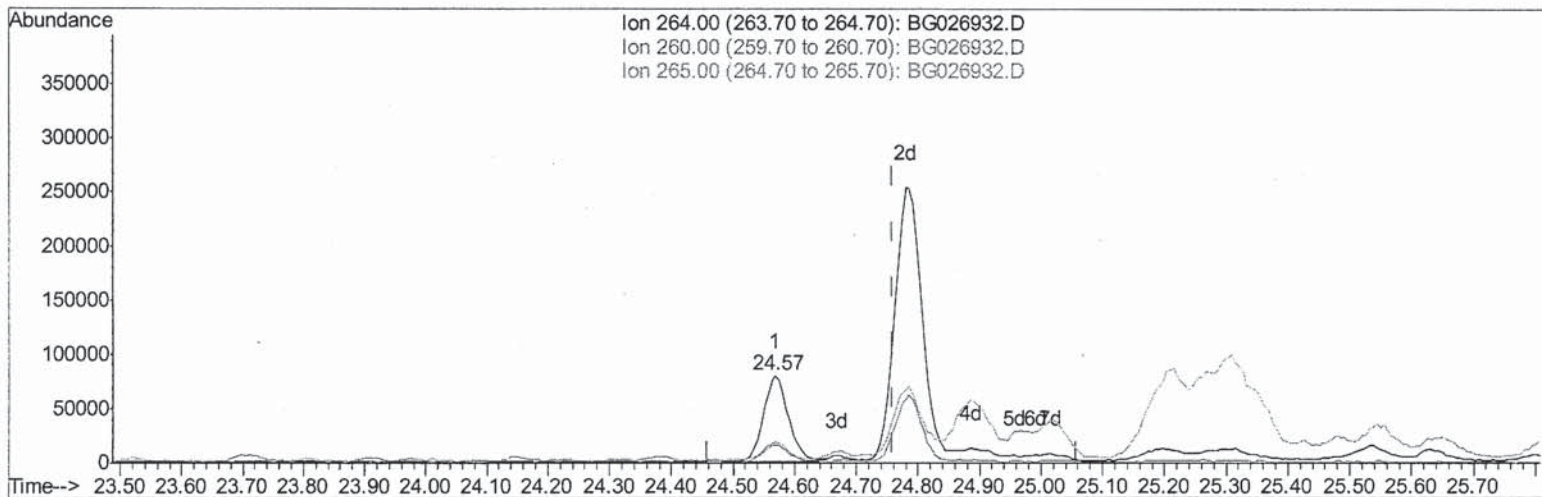
BDC38

Manual Integrations

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mohammad

5/10/2017 11:50:48 AM



TIC: BG026932.D

(83) Perylene-d12 (I)

24.569min (-0.190) 20.00ng/ul

response 222308

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 23.90 | 20.60 |
| 265.00 | 20.60 | 24.55 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:55:52 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

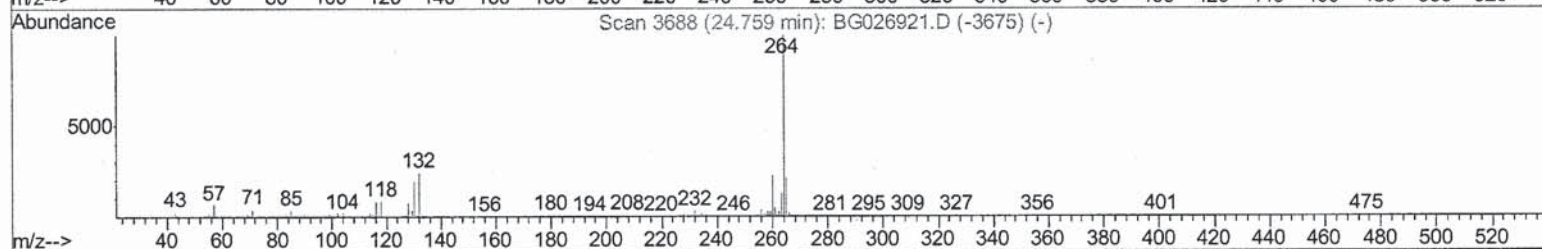
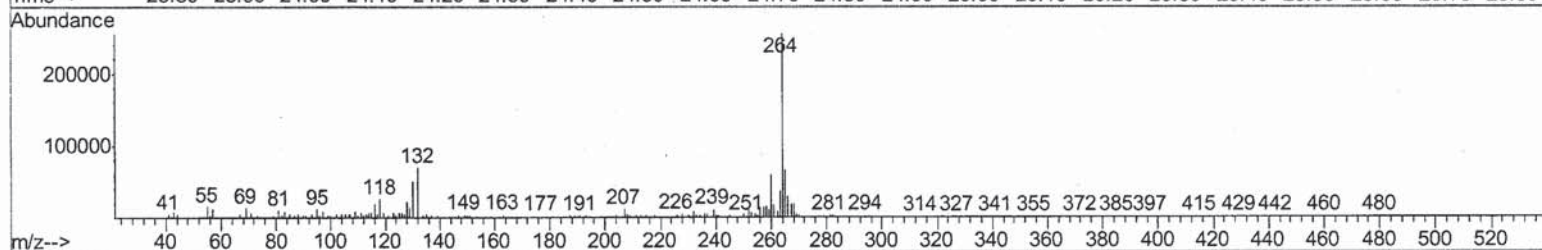
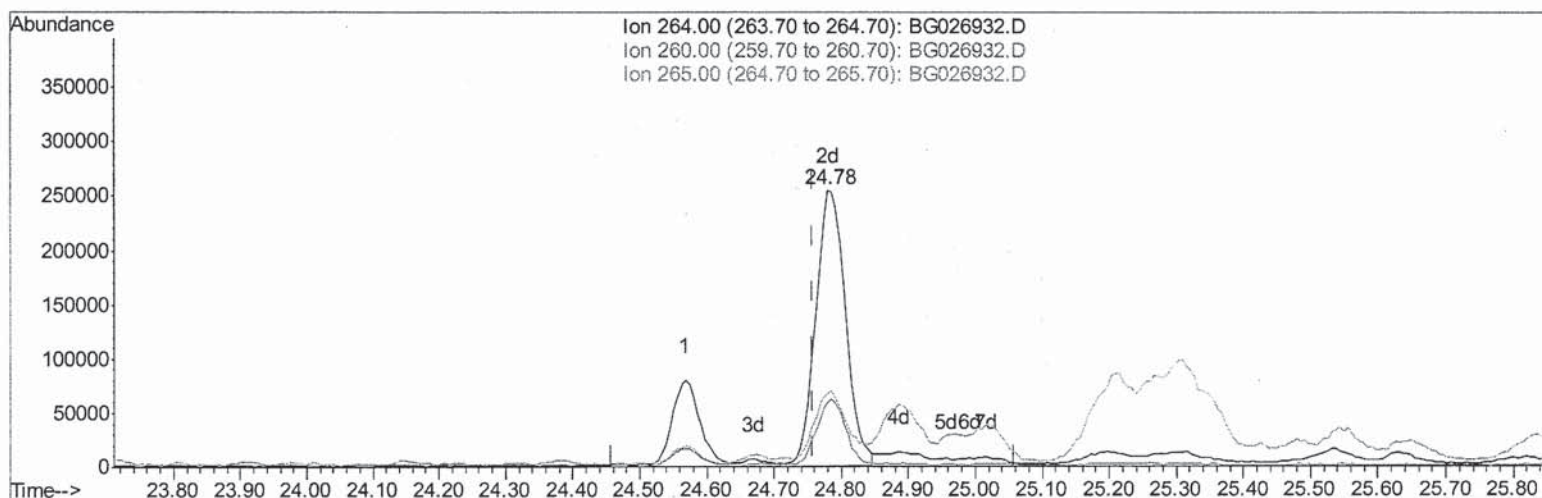
BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:50:48 AM



TIC: BG026932.D

(83) Perylene-d12 (I)

24.780min (+0.021) 20.00ng/ul m>

SJ 5/12/17

response 785583

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 23.90 | 23.17  |
| 265.00 | 20.60 | 26.16# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

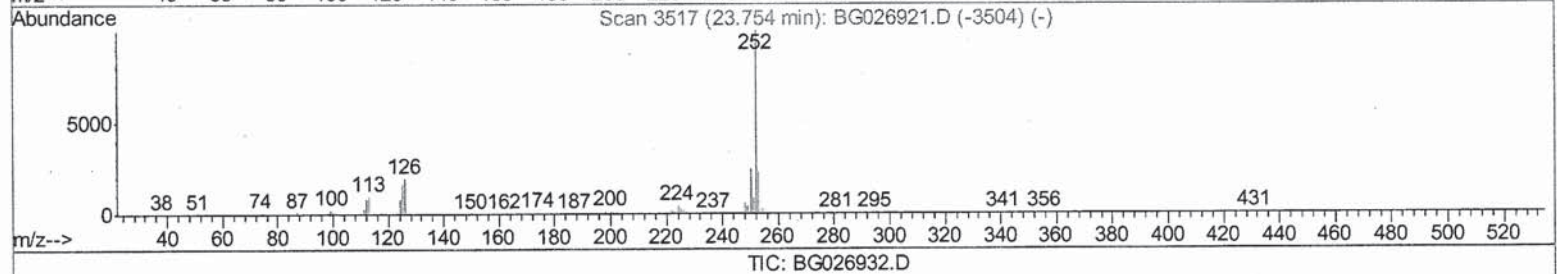
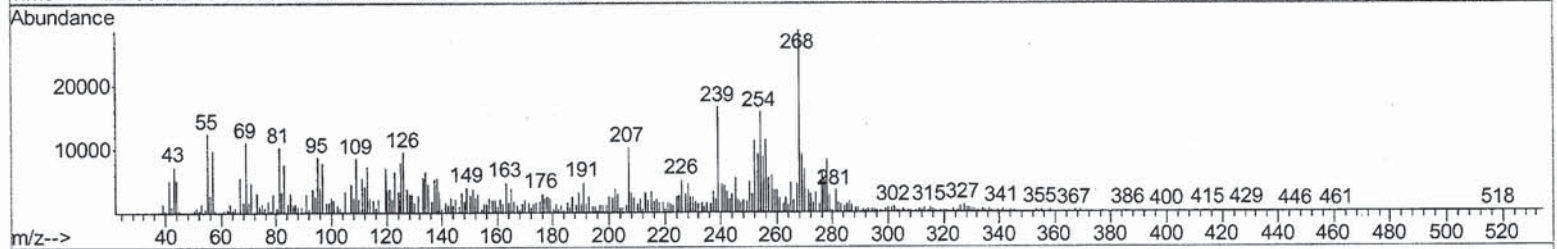
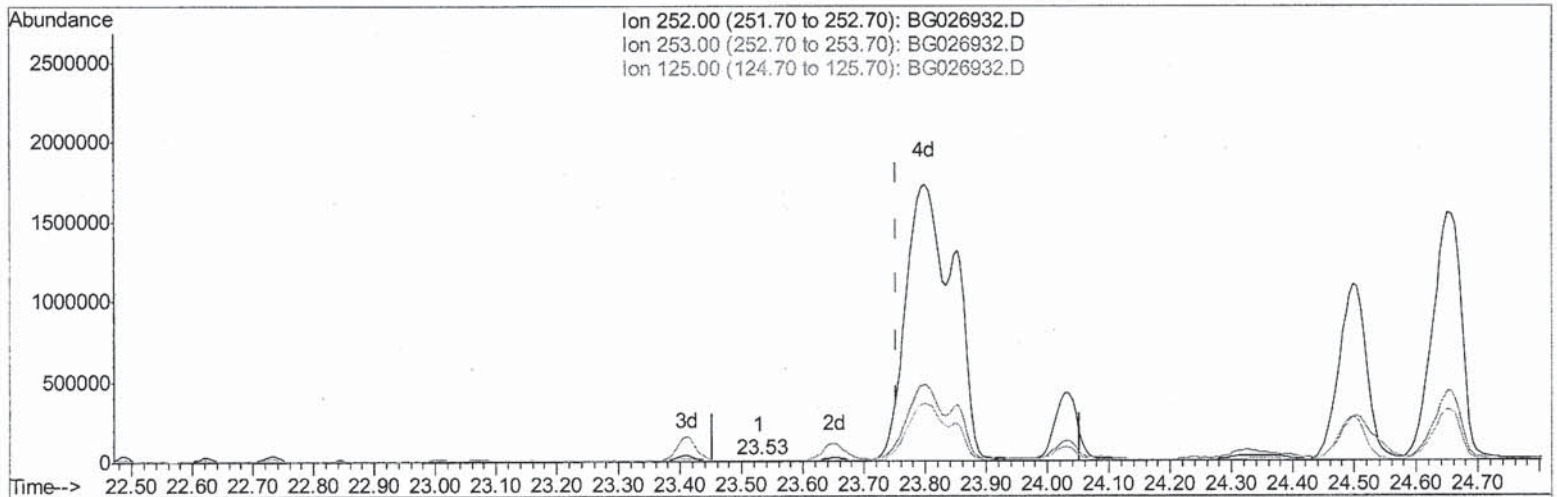
Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



(85) Benzo(b)fluoranthene

23.529min (-0.225) 0.32ng/ul

response 14326

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.10 | 80.34# |
| 125.00 | 5.00  | 68.97# |
| 0.00   | 0.00  | 0.00   |

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Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

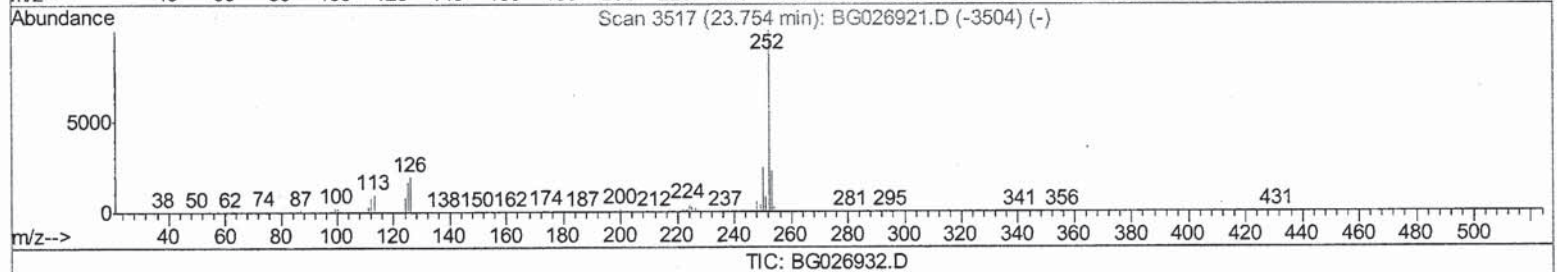
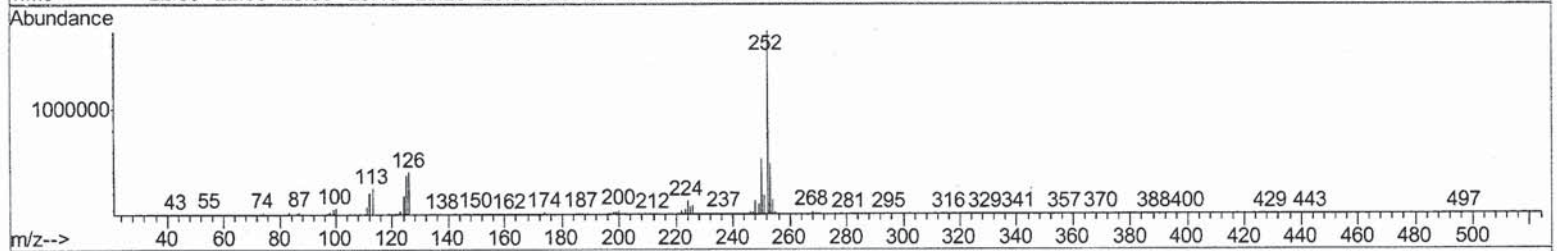
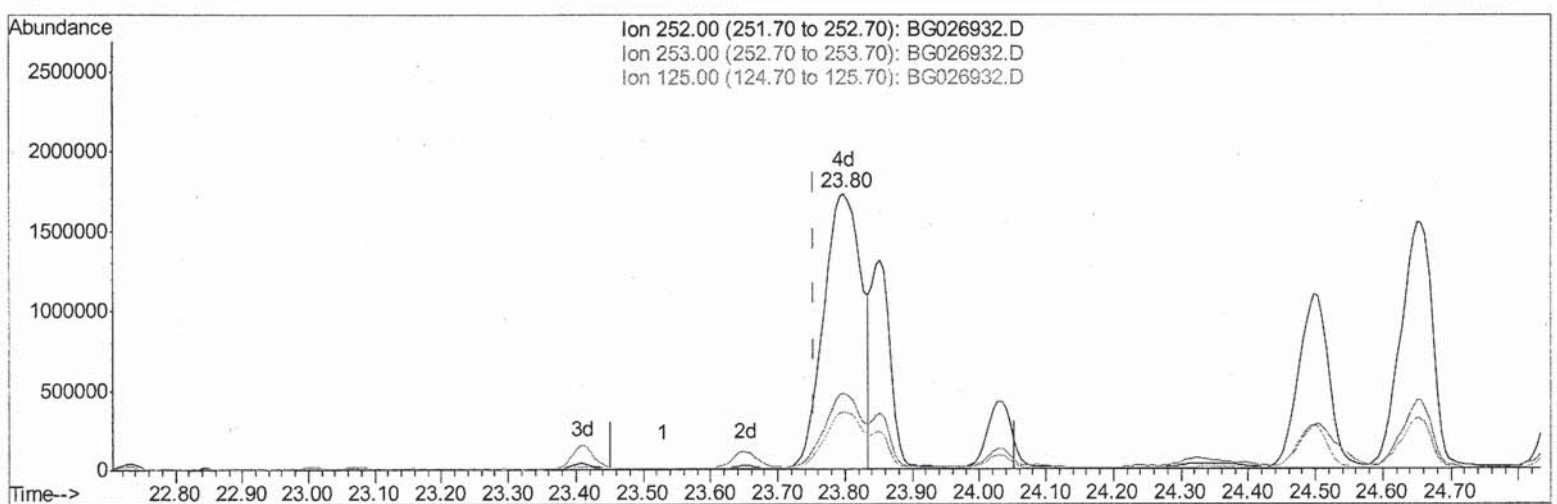
Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



(85) Benzo(b)fluoranthene

23.799min (+0.045) 153.15ng/ul m

SJ 5/12/17

response 6874691

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.10 | 27.66# |
| 125.00 | 5.00  | 21.04# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

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Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

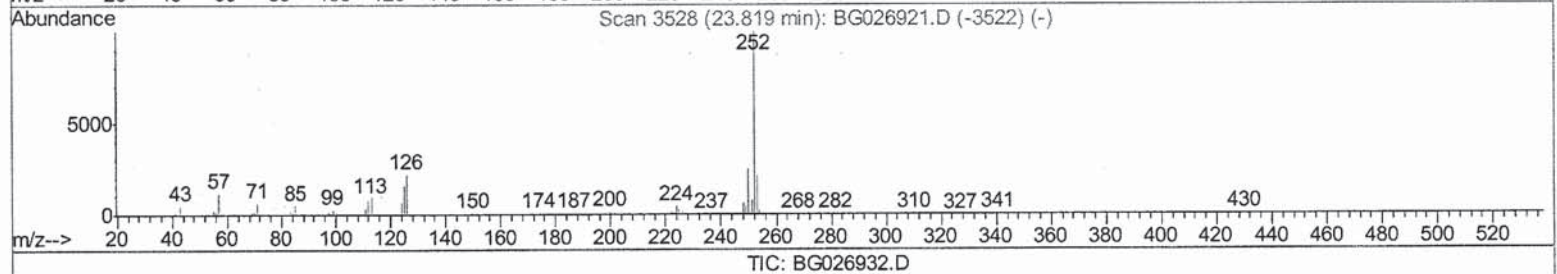
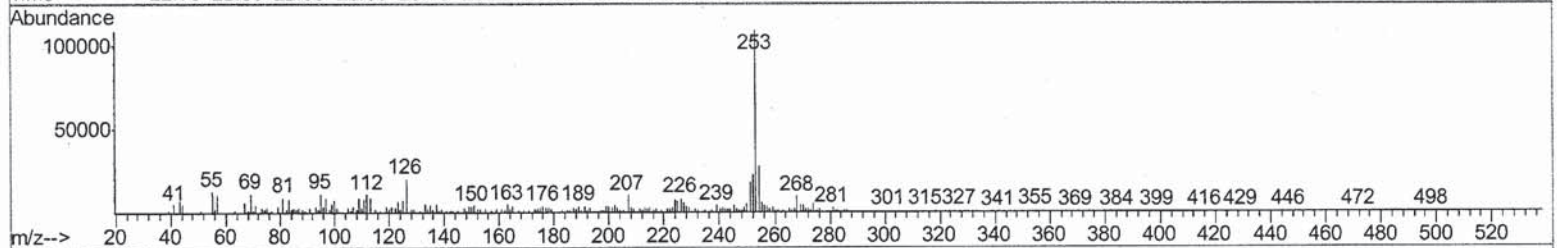
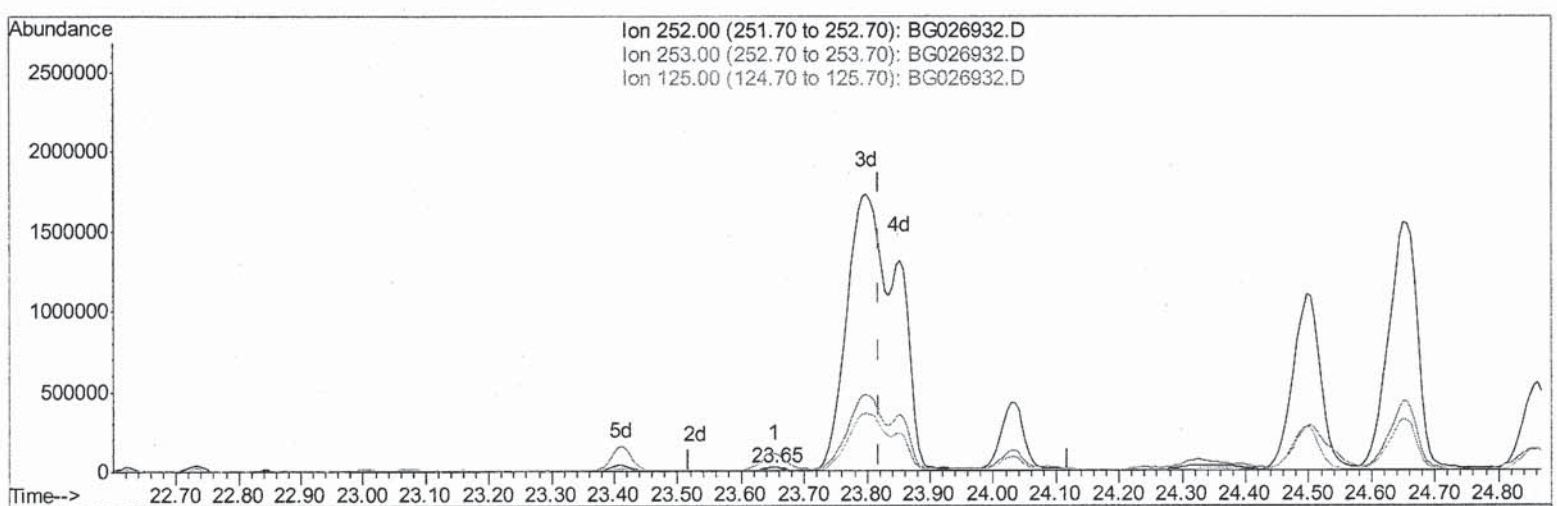
BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:50:48 AM



(86) Benzo(k)fluoranthene

23.652min (-0.167) 1.03ng/ul

response 45487

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 23.10 | 490.27# |
| 125.00 | 5.10  | 35.95#  |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

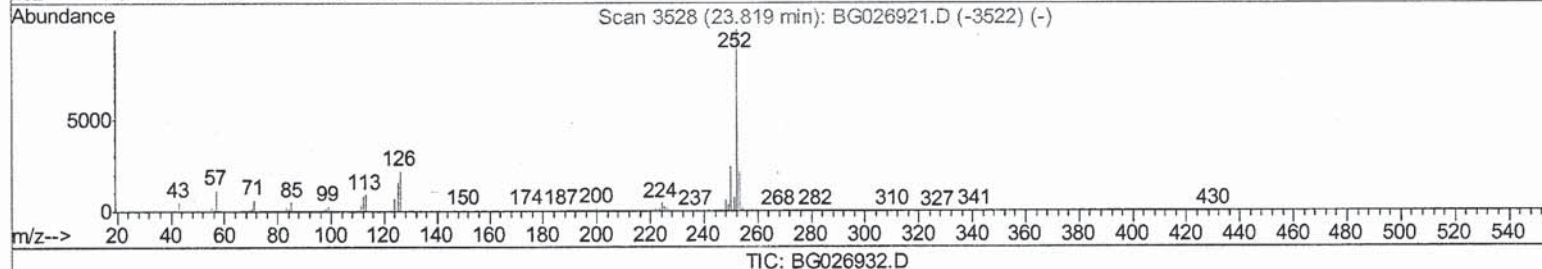
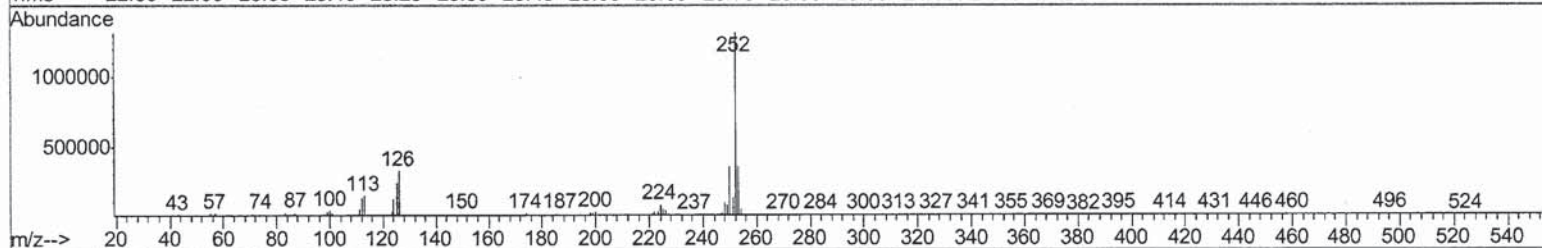
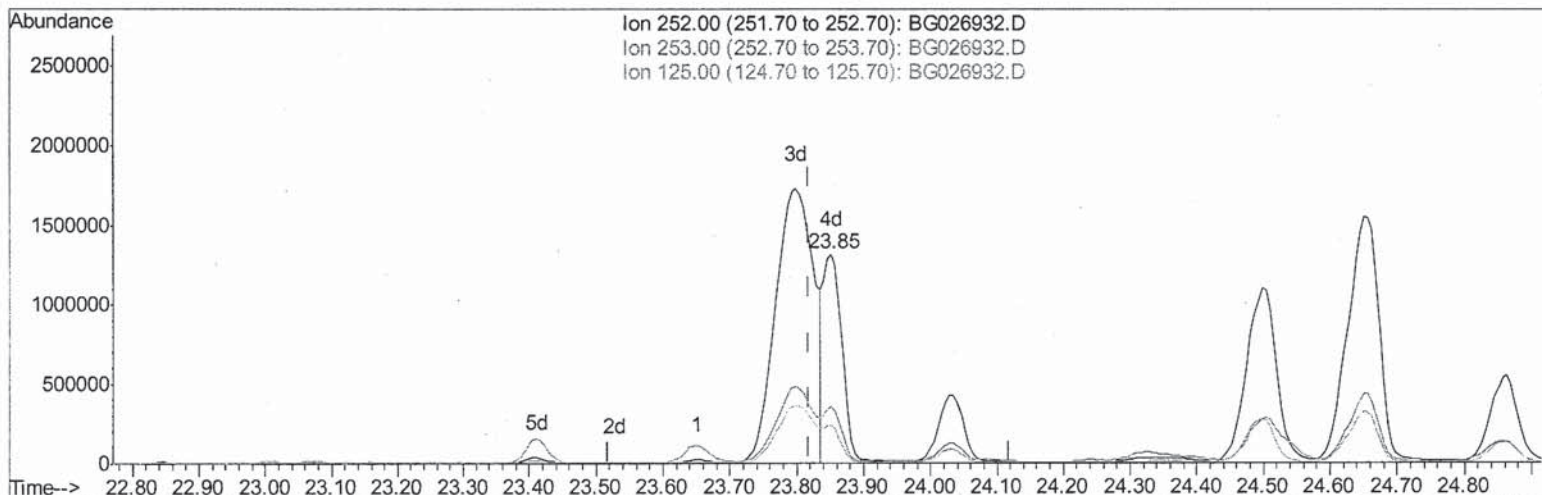
BDC38

Manual Integrations

APPROVED

mohammad

5/10/2017 11:50:48 AM



(86) Benzo(k)fluoranthene

23.852min (+0.033) 58.56ng/ul m

SI 5/12/17

response 2583012

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.10 | 26.97  |
| 125.00 | 5.10  | 18.00# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

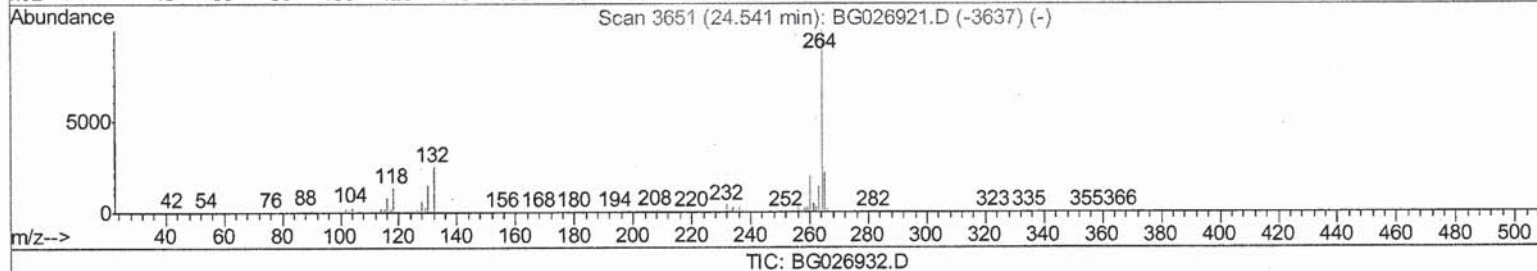
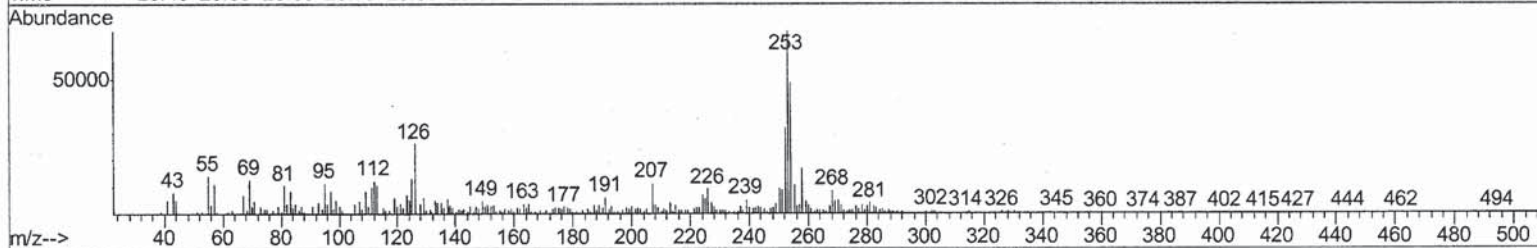
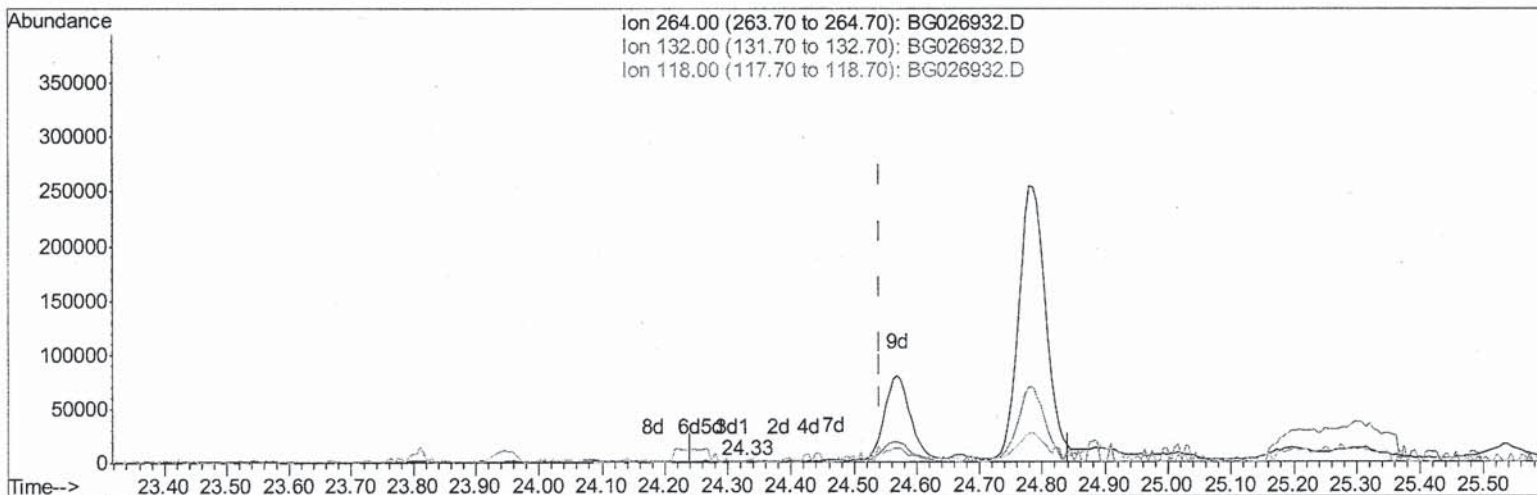
Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



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

24.328min (-0.214) 0.03ng/ul

response 1096

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 264.00 | 100  | 100    |
| 132.00 | 8.50 | 87.55# |
| 118.00 | 6.00 | 0.00#  |
| 0.00   | 0.00 | 0.00   |

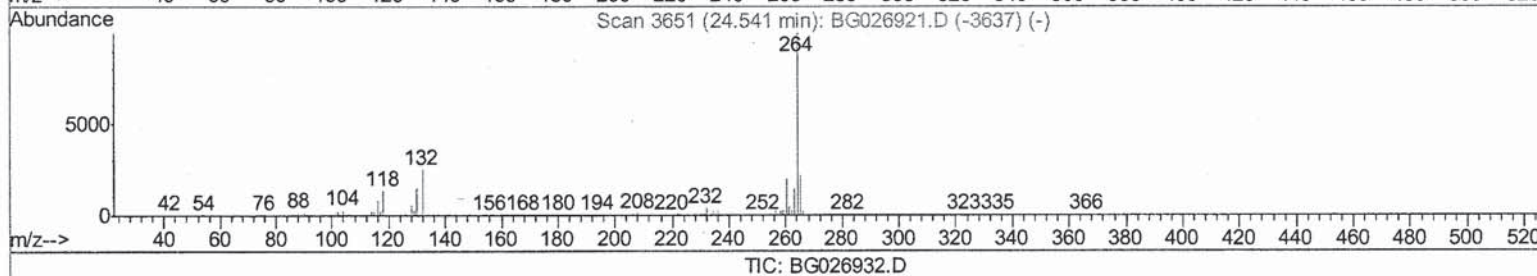
Quantitation Report (Qedit)

ALS Vial : 27 Sample Multiplier: 1

BDC38

5/10/2017 11:50:48 AM

Response via : Initial Calibration



|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

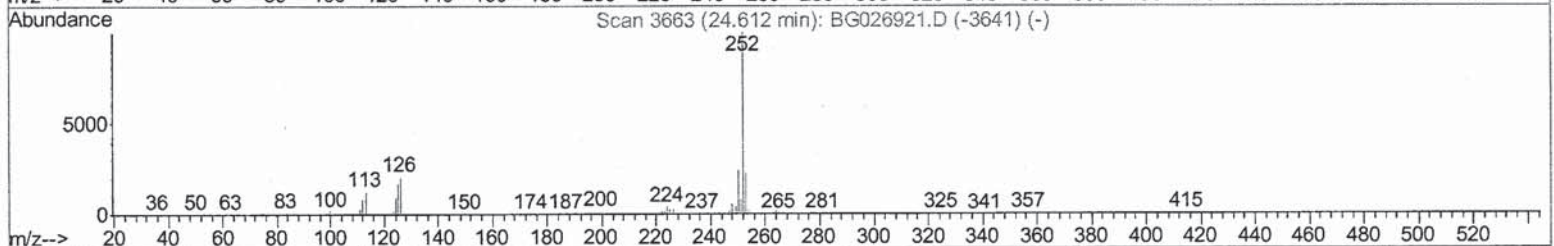
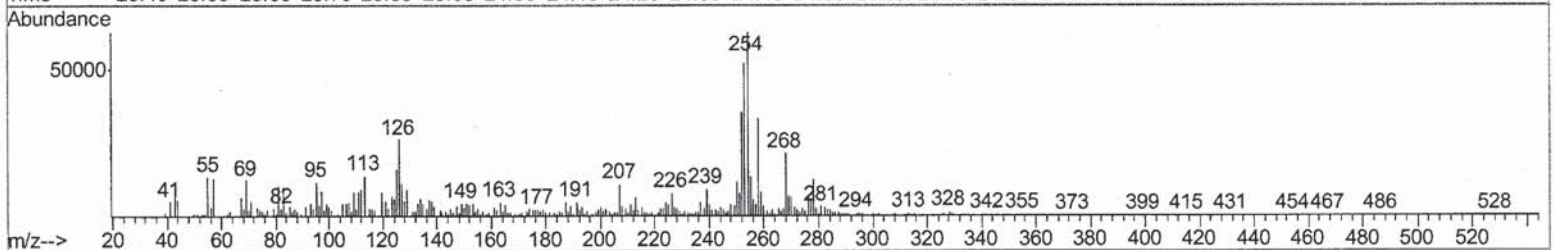
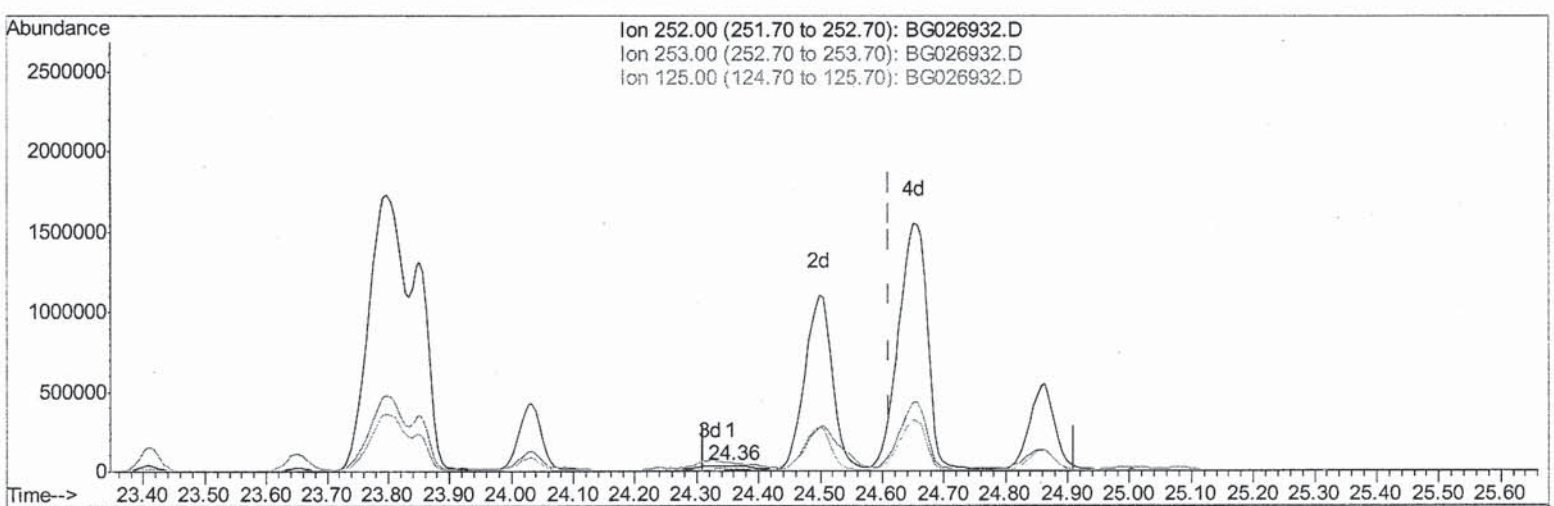
Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



TIC: BG026932.D

(88) Benzo(a)pyrene (C)

24.357min (-0.255) 1.35ng/ul

response 59638

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 22.20 | 147.87# |
| 125.00 | 6.70  | 45.11#  |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

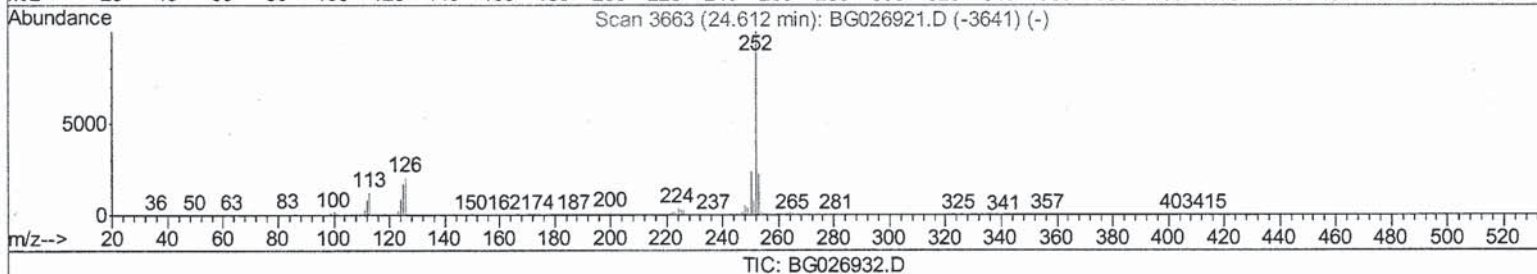
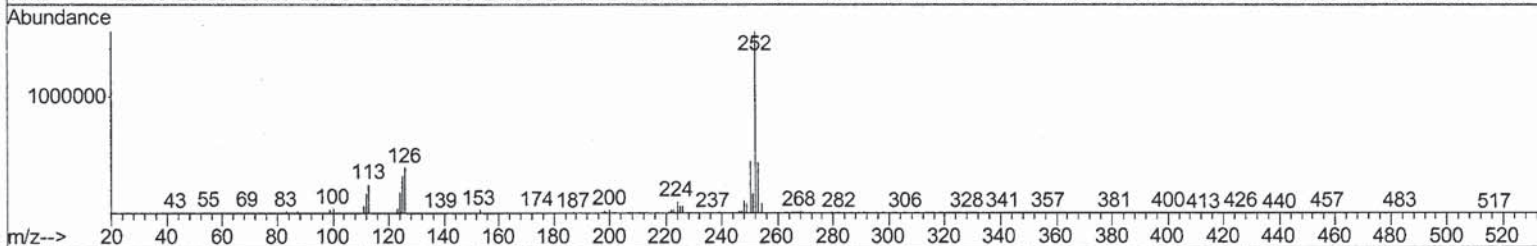
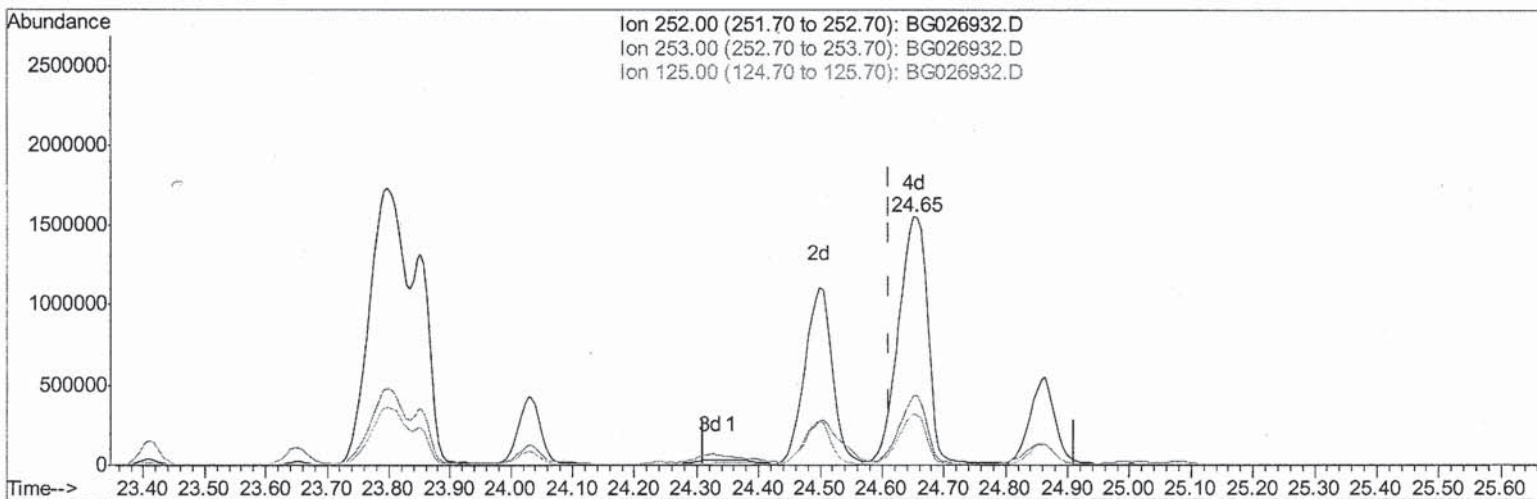
BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:50:48 AM



(88) Benzo(a)pyrene (C)

24.651min (+0.039) 116.15ng/ul m

SJ 5/12/17

response 5131628

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.20 | 27.79# |
| 125.00 | 6.70  | 20.80# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

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Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

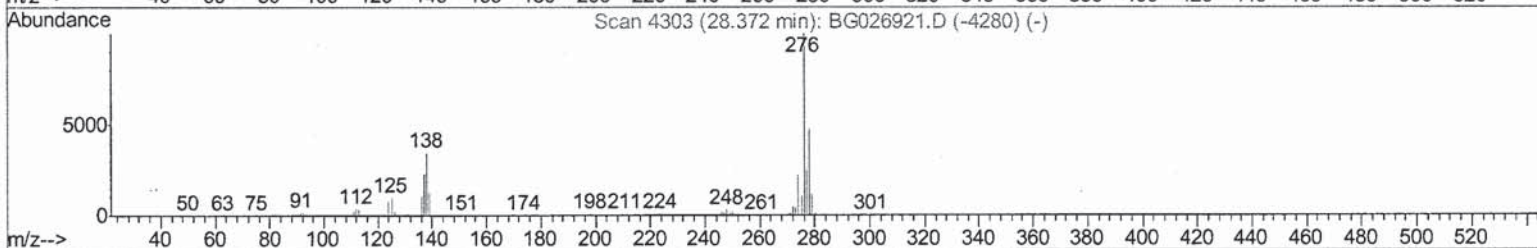
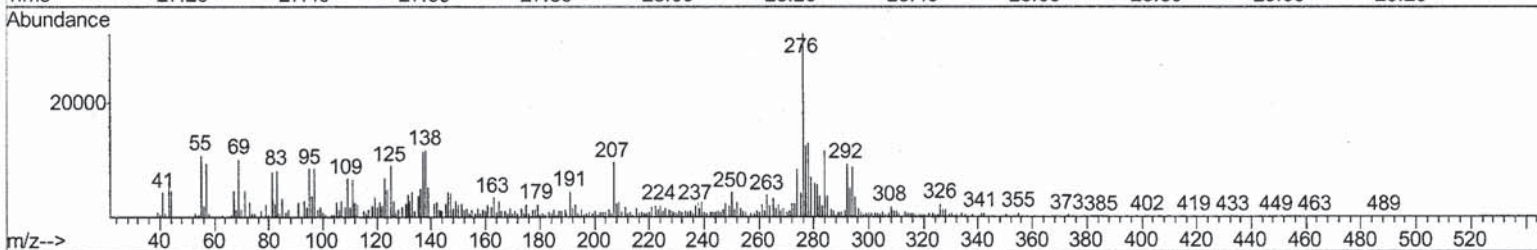
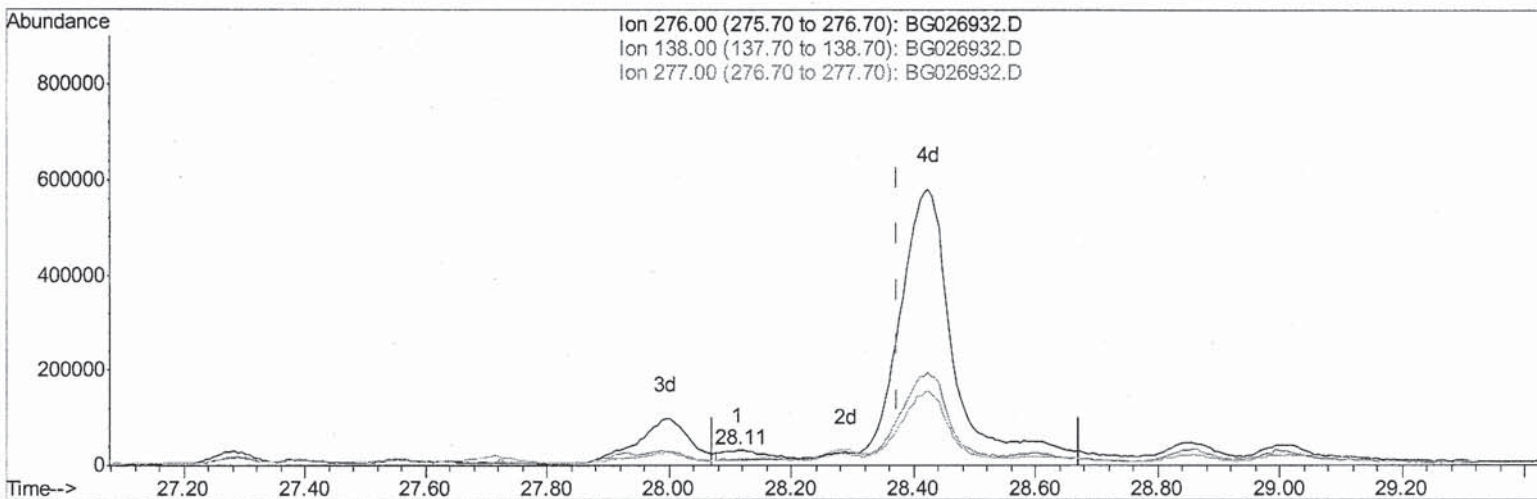
Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



TIC: BG026932.D

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

28.111min (-0.261) 1.69ng/ul

response 88595

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.30 | 36.86# |
| 277.00 | 23.30 | 39.11# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

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Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

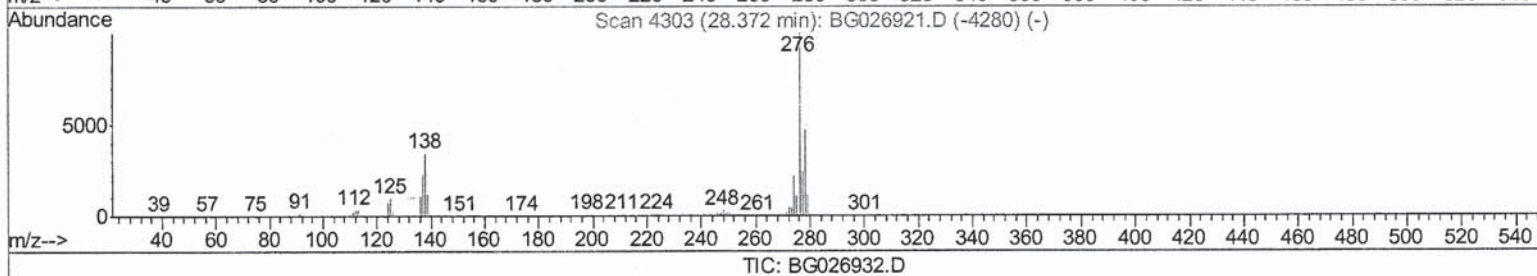
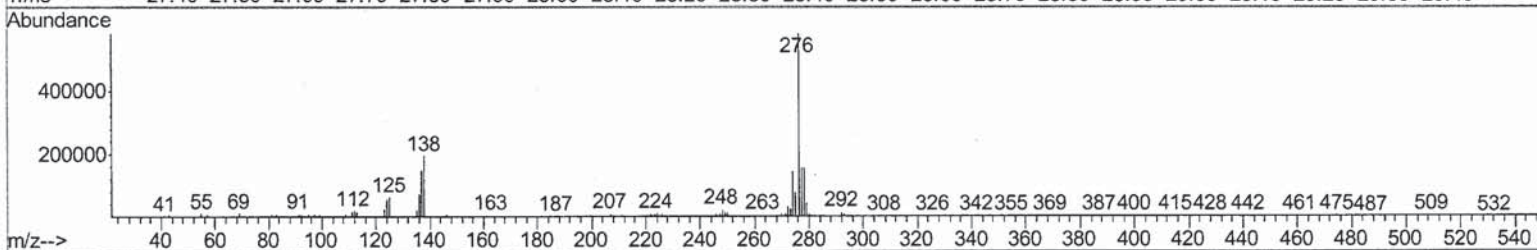
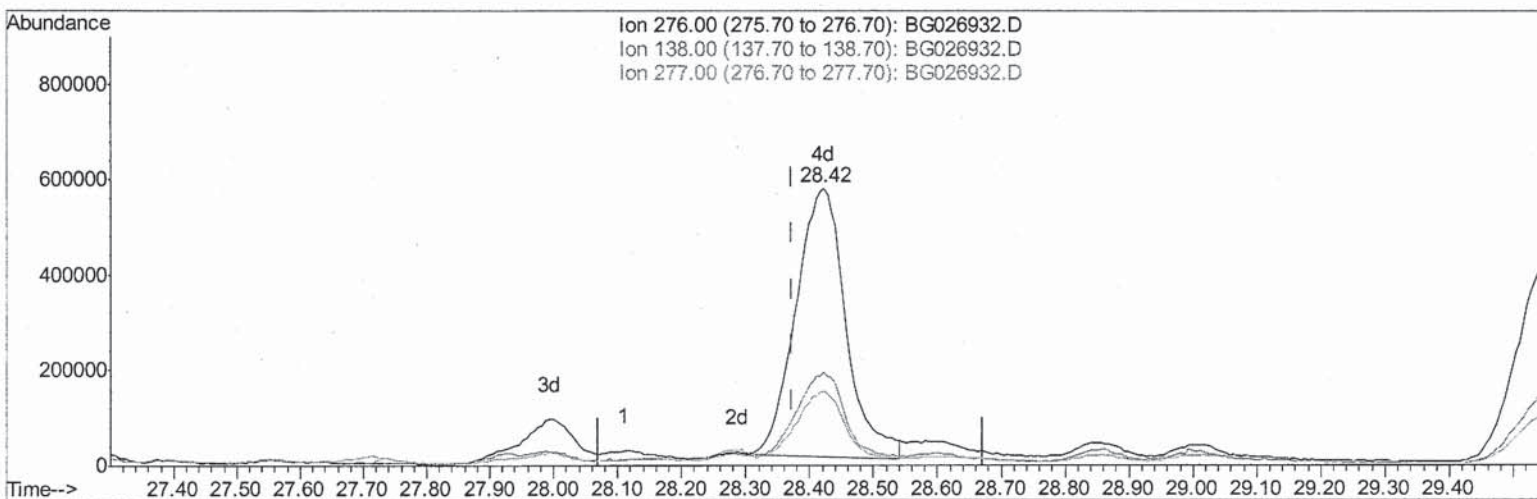
Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



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

28.423min (+0.051) 58.73ng/ul m

SJ 5/12/17

response 3075680

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.30 | 33.47# |
| 277.00 | 23.30 | 26.68  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

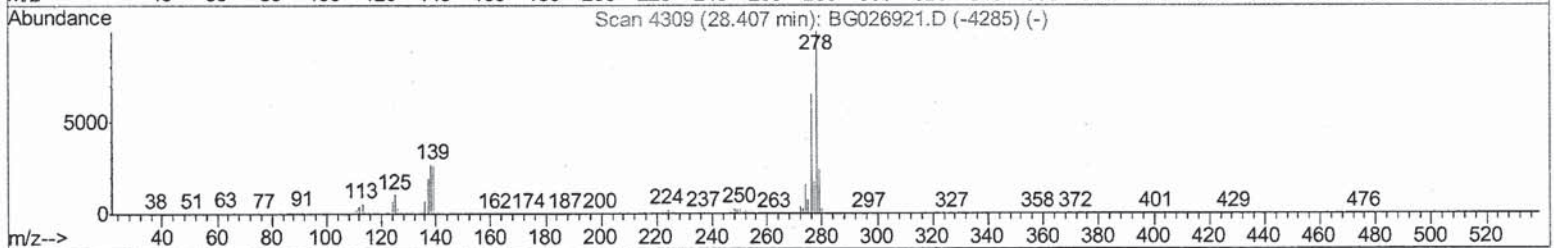
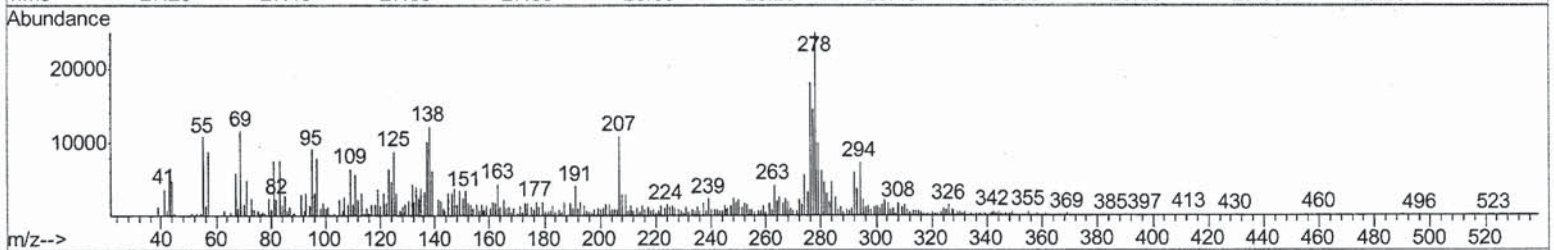
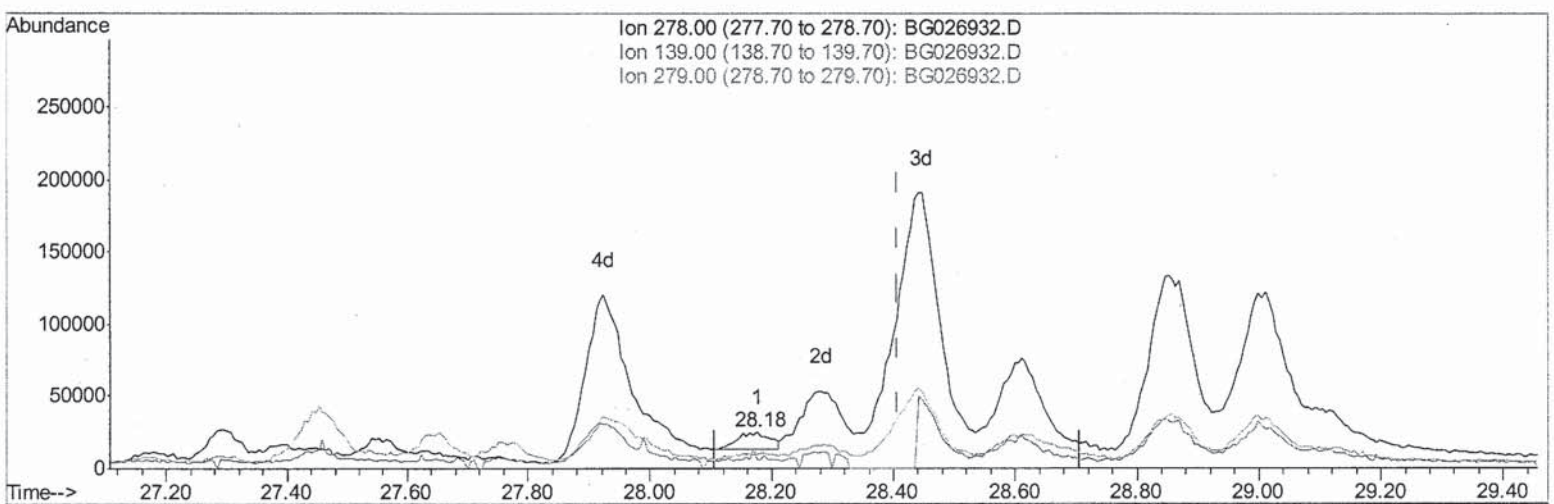
BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:50:48 AM



TIC: BG026932.D

(90) Dibenzo(a,h)anthracene

28.176min (-0.231) 0.96ng/ul

response 42690

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 8.40  | 25.22# |
| 279.00 | 26.10 | 39.99# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

# Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

Instrument :

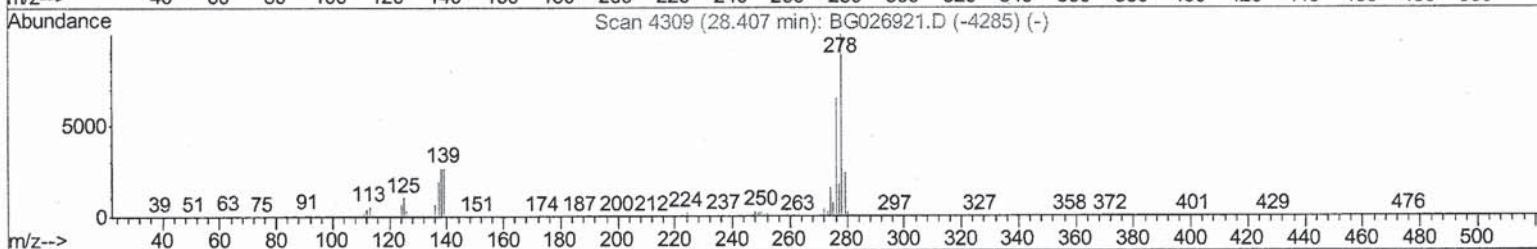
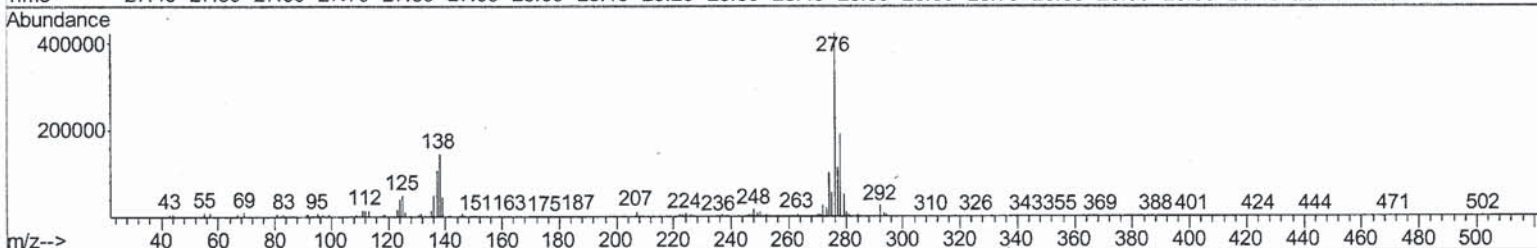
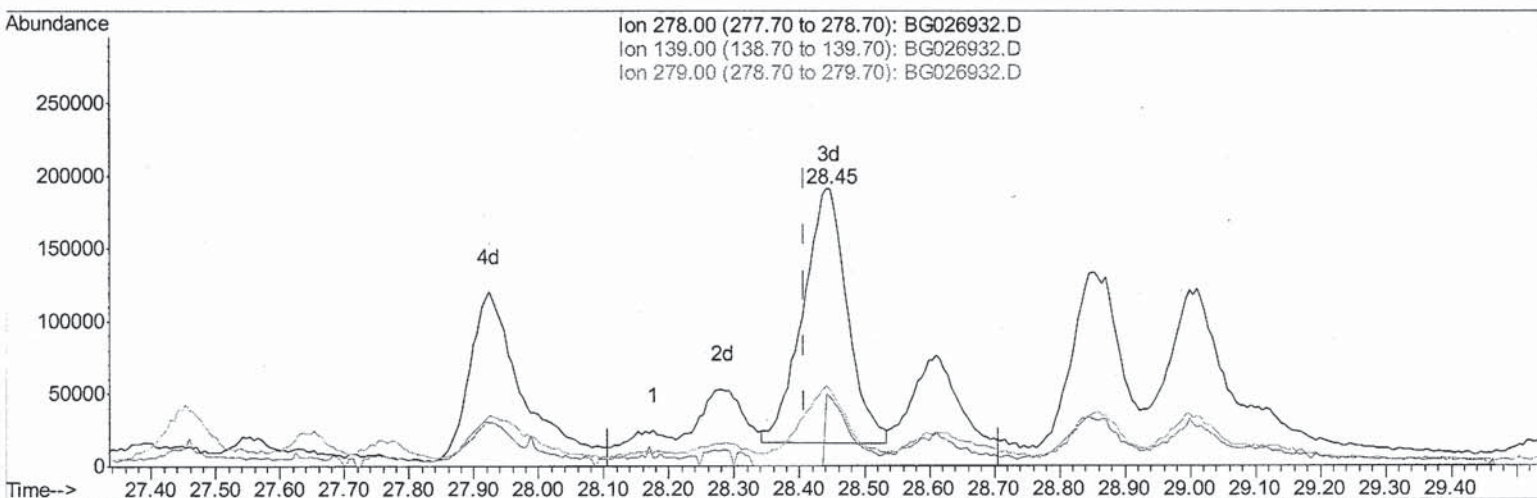
BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:50:48 AM



TIC: BG026932.D

(90) Dibenzo(a,h)anthracene

28.446min (+0.039) 18.80ng/ul m

SJ 5/12/17

response 834801

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 8.40  | 24.82# |
| 279.00 | 26.10 | 27.93  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

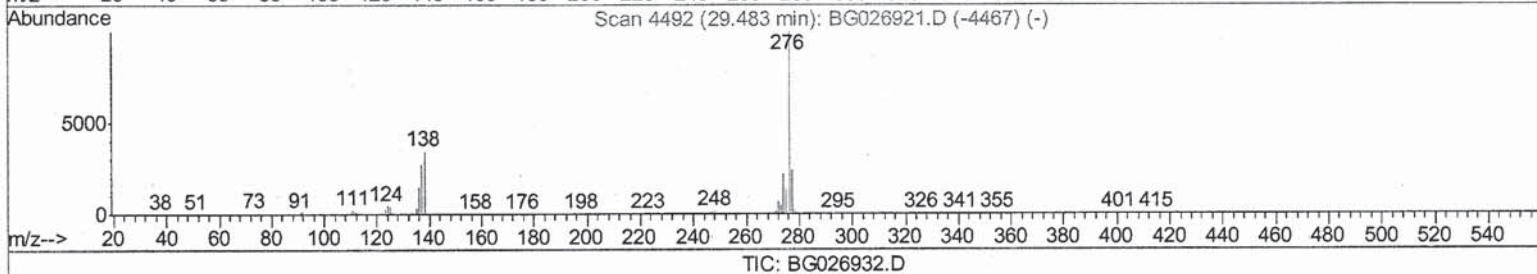
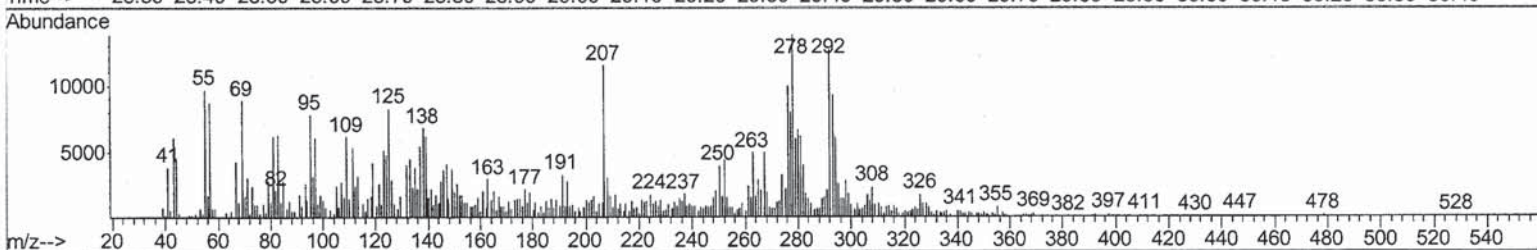
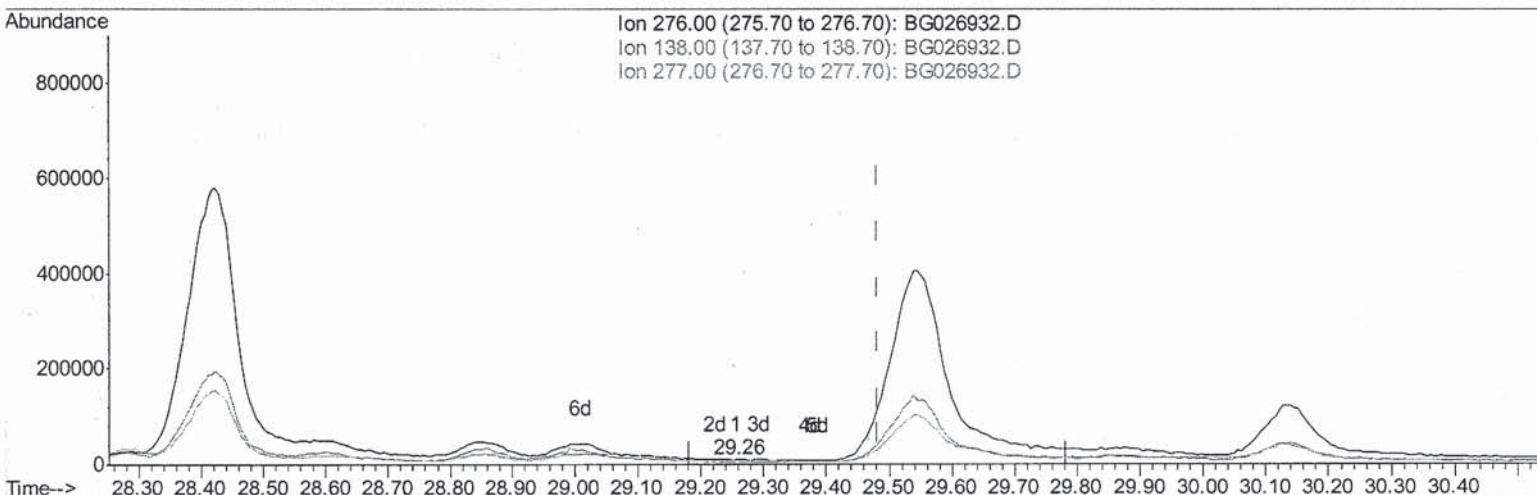
Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



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

29.257min (-0.225) 0.04ng/ul

response 1631

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.70 | 68.74# |
| 277.00 | 22.00 | 80.10# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

Quantitation Report (Qedit)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

BDC38

Manual Integrations  
APPROVED

mohammad

5/10/2017 11:50:48 AM

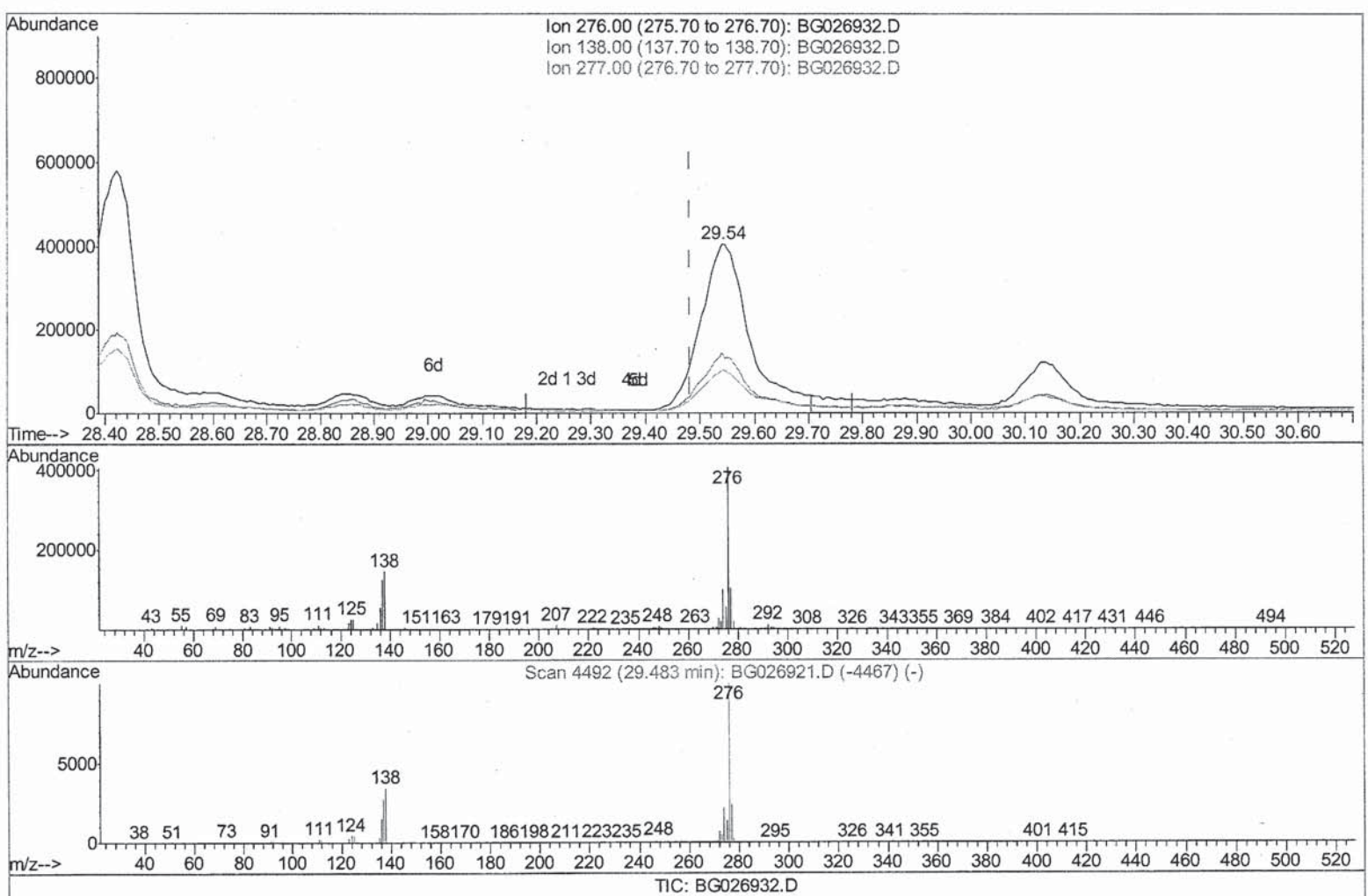
Quant Time: May 10 04:57:28 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration



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

29.539min (+0.057) 60.22ng/ul m

SJ 5/12/17

response 2615551

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.70 | 36.08# |
| 277.00 | 22.00 | 25.16  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050917\

## Quantitation Report (QT Reviewed)

Data File : BG026932.D

Acq On : 10 May 2017 4:11

Operator : SJ/MA

Sample : I2842-18 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampled :

BDC38

Manual Integrations

APPROVED

mohammad

5/10/2017 11:50:48 AM

Quant Time: May 10 04:59:43 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 191615   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 902867   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.62 | 164  | 462356   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.35 | 188  | 839520   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.61 | 240  | 720272   | 20.00 | ng/ul | 0.02     |
| 83) Perylene-d12          | 24.78 | 264  | 785583m  | 20.00 | ng/ul | 0.02     |

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## System Monitoring Compounds

|                                |       |     |         |      |       |      |
|--------------------------------|-------|-----|---------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.43  | 96  | 3354    | 0.79 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 94109   | 5.50 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 54157   | 5.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 76511   | 5.27 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 75910   | 5.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 40140   | 5.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 40897   | 4.98 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 65307   | 5.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.95 | 131 | 24043   | 1.38 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 216432  | 5.82 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.31 | 160 | 287672  | 6.15 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.86 | 143 | 22009   | 3.28 | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.60 | 176 | 182251  | 5.61 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.74 | 200 | 5124    | 1.01 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 263433  | 6.47 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.74 | 212 | 240780  | 6.33 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.57 | 264 | 235455m | 6.34 | ng/ul | 0.03 |

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## Target Compounds

|                            |       |     |          |        | Qvalue    |
|----------------------------|-------|-----|----------|--------|-----------|
| 28) Naphthalene            | 10.86 | 128 | 135588   | 2.88   | ng/ul 97  |
| 34) 2-Methylnaphthalene    | 12.45 | 142 | 46755    | 1.34   | ng/ul 98  |
| 44) Dimethylphthalate      | 14.06 | 163 | 91566    | 2.51   | ng/ul 96  |
| 47) Acenaphthylene         | 14.35 | 152 | 137089   | 2.88   | ng/ul 98  |
| 49) Acenaphthene           | 14.68 | 153 | 412045   | 12.44  | ng/ul 97  |
| 53) Dibenzofuran           | 15.02 | 168 | 276509   | 6.27   | ng/ul 95  |
| 58) Fluorene               | 15.66 | 166 | 549126   | 15.26  | ng/ul 98  |
| 69) Phenanthrene           | 17.41 | 178 | 5281410m | 111.67 | ng/ul 98  |
| 71) Anthracene             | 17.49 | 178 | 1745080  | 35.97  | ng/ul 98  |
| 72) Carbazole              | 17.76 | 167 | 794121   | 19.36  | ng/ul 98  |
| 74) Fluoranthene           | 19.42 | 202 | 7435137  | 169.34 | ng/ul# 27 |
| 77) Pyrene                 | 19.78 | 202 | 6950461  | 143.83 | ng/ul# 25 |
| 80) Benzo(a)anthracene     | 21.60 | 228 | 4951290  | 117.54 | ng/ul# 80 |
| 82) Chrysene               | 21.67 | 228 | 4972763  | 127.07 | ng/ul# 80 |
| 85) Benzo(b)fluoranthene   | 23.80 | 252 | 6874691m | 153.15 | ng/ul     |
| 86) Benzo(k)fluoranthene   | 23.85 | 252 | 2583012m | 58.56  | ng/ul     |
| 88) Benzo(a)pyrene         | 24.65 | 252 | 5131628m | 116.15 | ng/ul     |
| 89) Indeno(1,2,3-cd)pyrene | 28.42 | 276 | 3075680m | 58.73  | ng/ul     |
| 90) Dibenzo(a,h)anthracene | 28.45 | 278 | 834801m  | 18.80  | ng/ul     |
| 91) Benzo(g,h,i)perylene   | 29.54 | 276 | 2615551m | 60.22  | ng/ul     |

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