

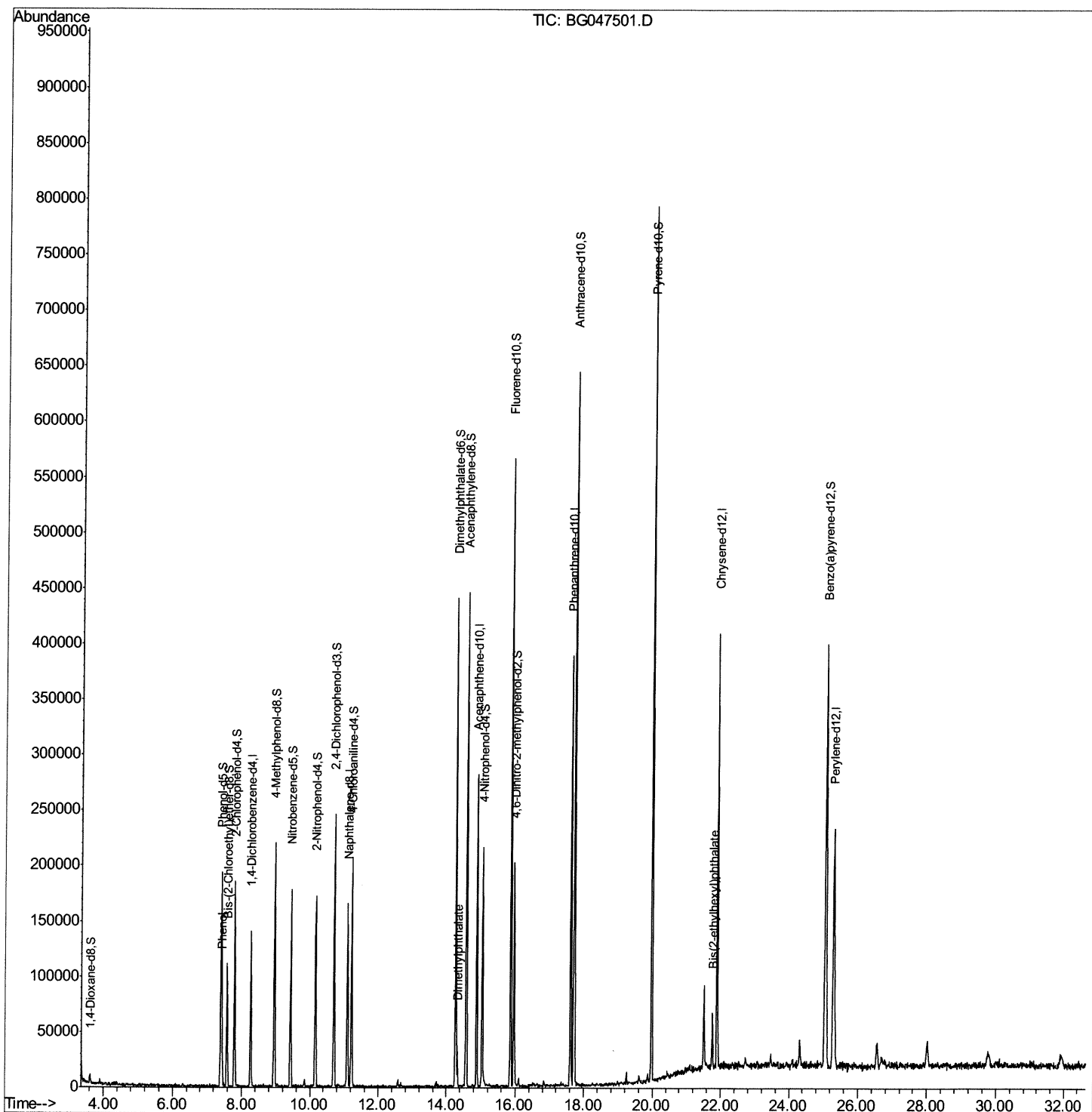
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047501.D  
Acq On : 1 Dec 2020 16:13  
Operator : CG/JU  
Sample : L4793-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0BA0

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:59:53 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



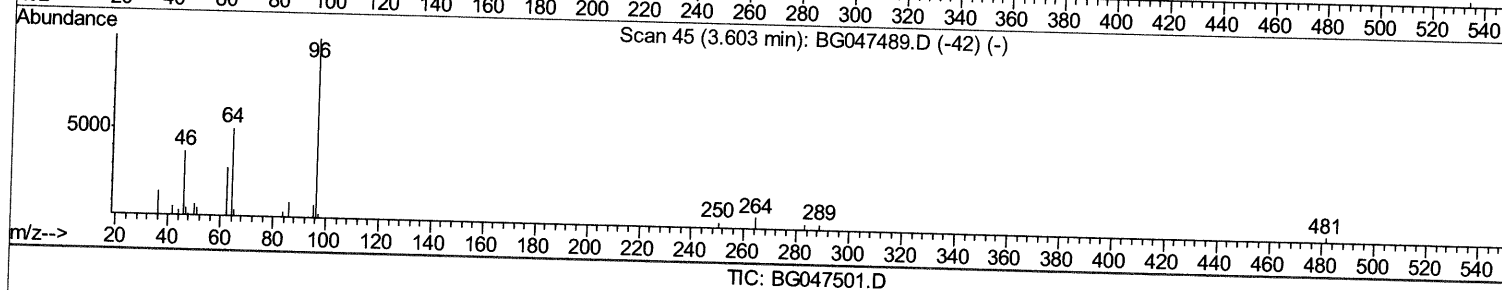
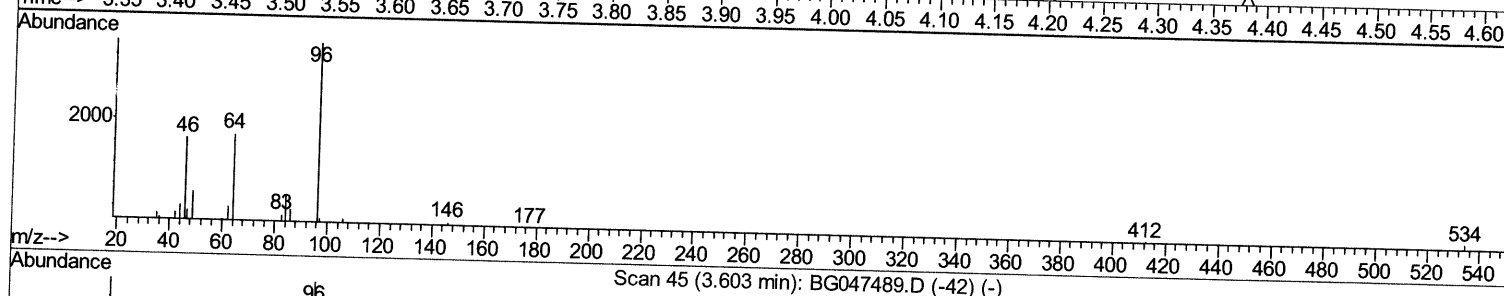
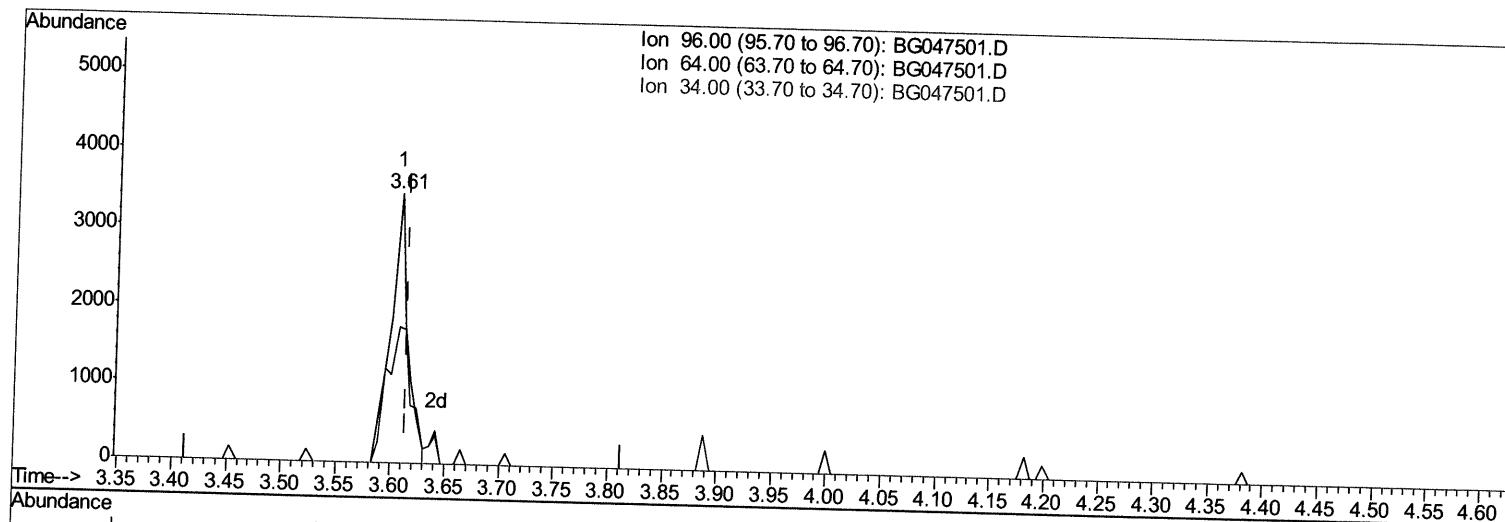
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
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Instrument :  
BNA\_G  
ClientSampleId :  
C0BA0

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:51:25 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.606min (-0.007) 4.13ng/uL

response 3775

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 88.60 | 50.32# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

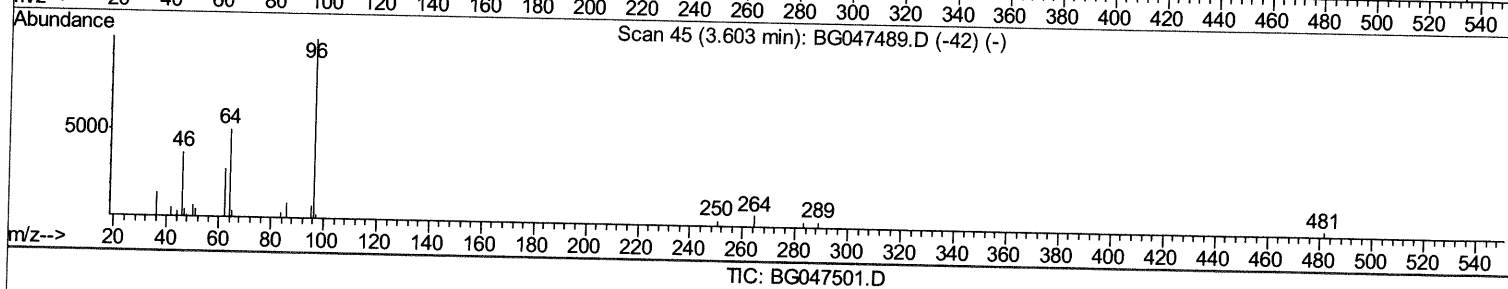
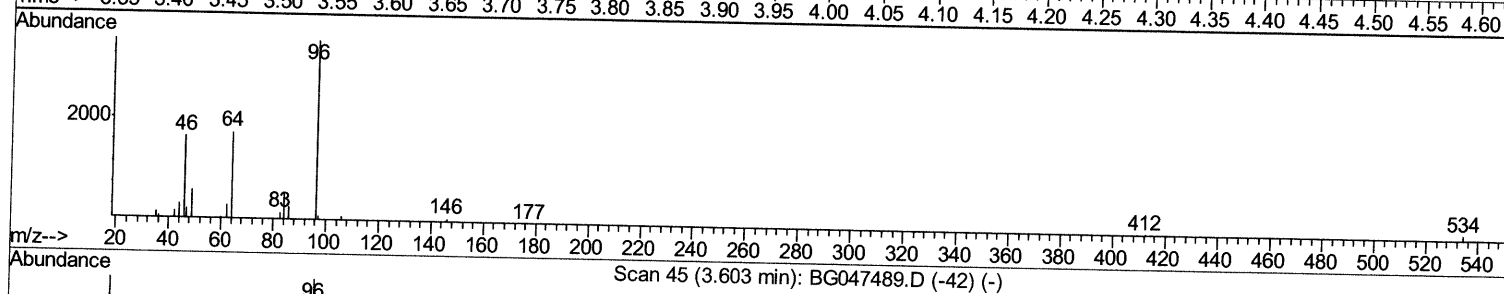
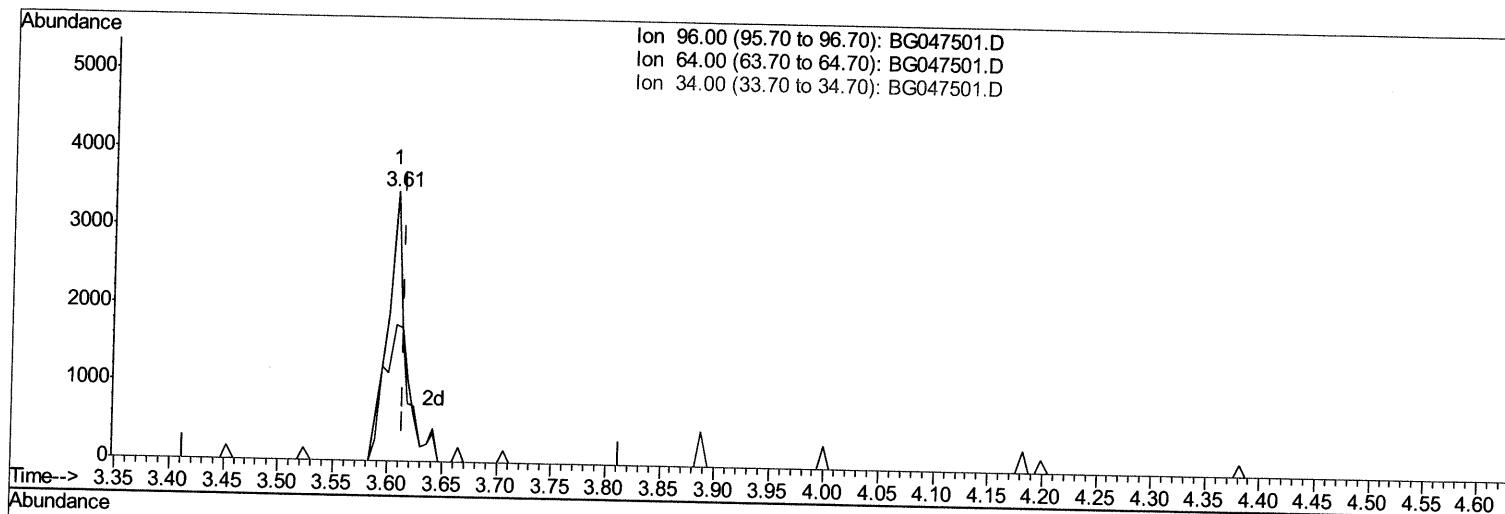
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047501.D  
Acq On : 1 Dec 2020 16:13  
Operator : CG/JU  
Sample : L4793-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0BA0

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:51:25 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.606min (-0.007) 4.36ng/uL m 12/04/2024

response 3982

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 88.60 | 50.32# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

## Quantitation Report (Qedit)

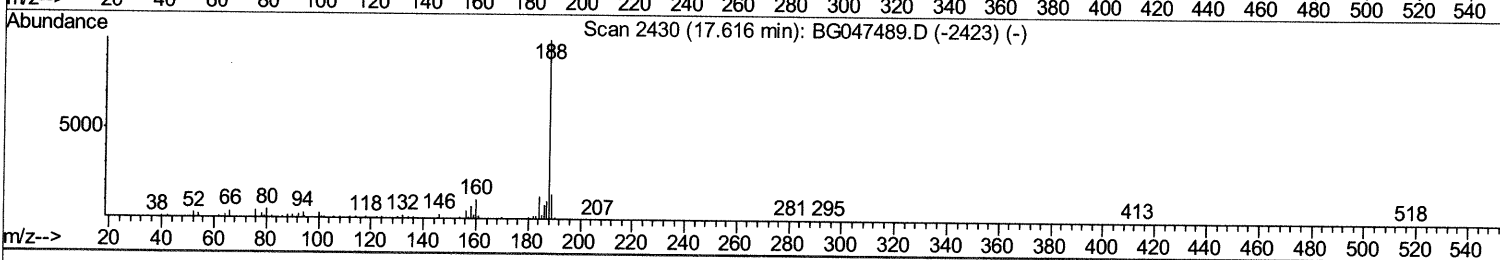
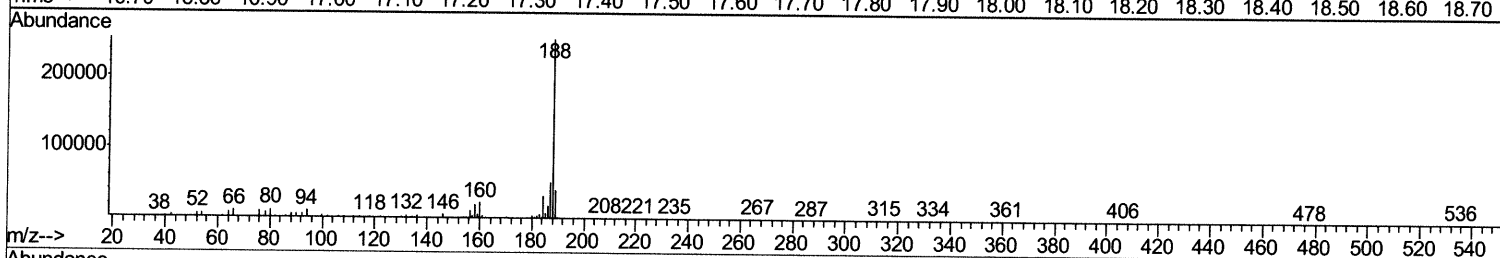
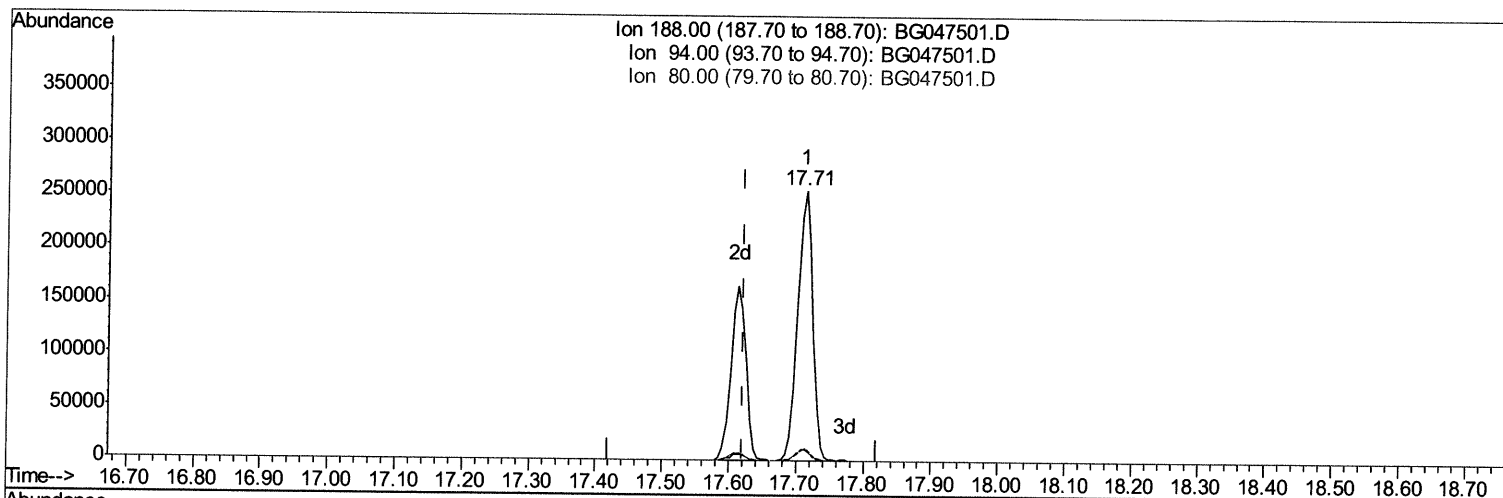
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047501.D  
Acq On : 1 Dec 2020 16:13  
Operator : CG/JU  
Sample : L4793-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:51:25 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047501.D

(62) Phenanthrene-d10 (I)

17.713min (+0.093) 20.00ng/ul

response 389085

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 4.60 | 3.98 |
| 80.00  | 5.30 | 4.51 |
| 0.00   | 0.00 | 0.00 |

# Quantitation Report (Qedit)

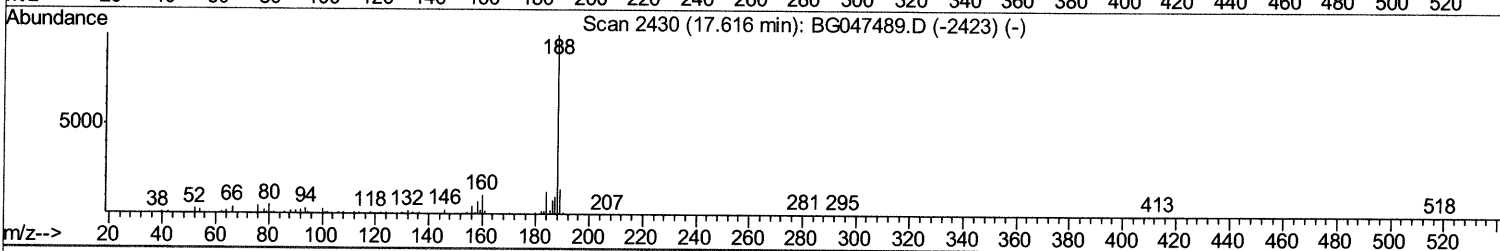
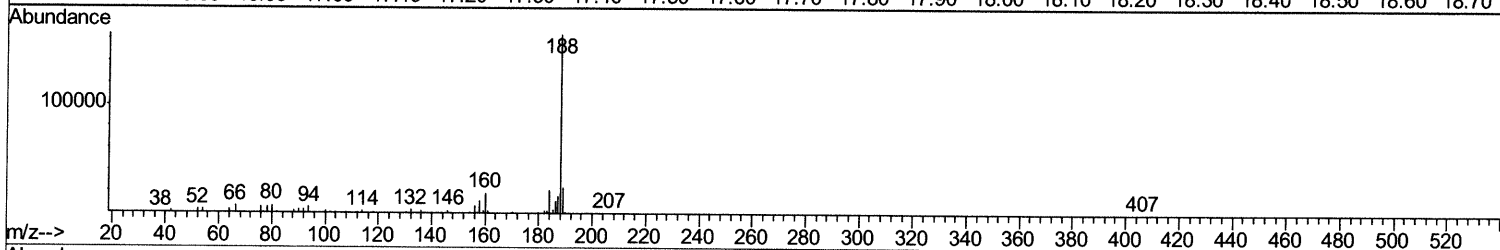
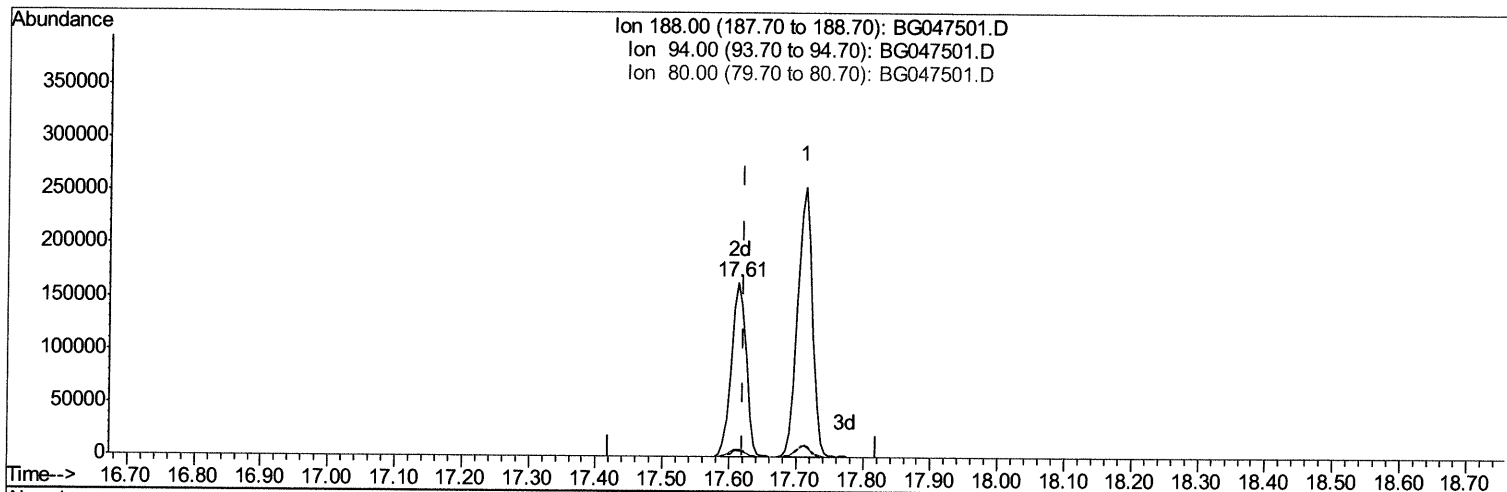
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047501.D  
 Acq On : 1 Dec 2020 16:13  
 Operator : CG/JU  
 Sample : L4793-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BA0

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:51:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047501.D

(62) Phenanthrene-d10 (I)

17.613min (-0.007) 20.00ng/ul m 12/04/2024

response 255431

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 4.60 | 3.25# |
| 80.00  | 5.30 | 4.32  |
| 0.00   | 0.00 | 0.00  |

## Quantitation Report (Qedit)

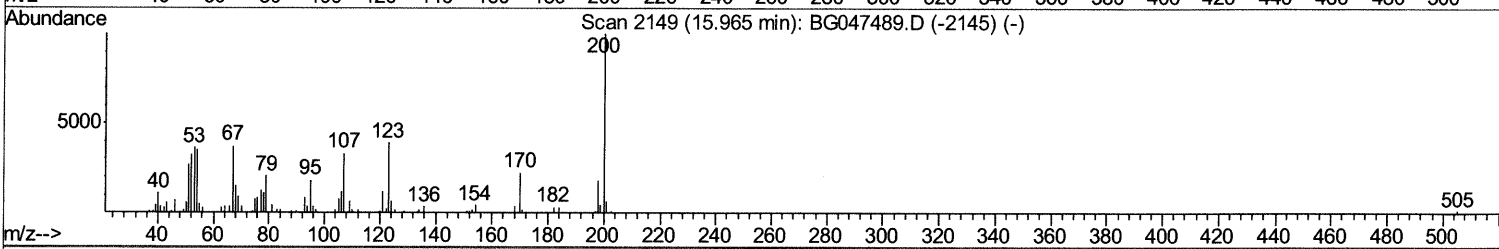
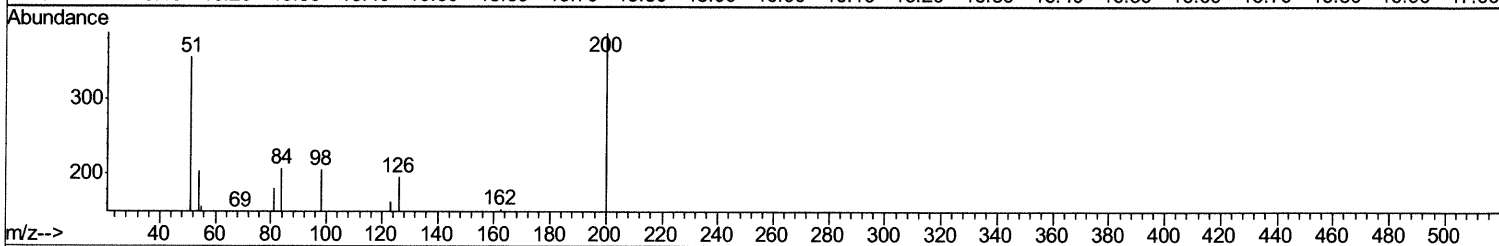
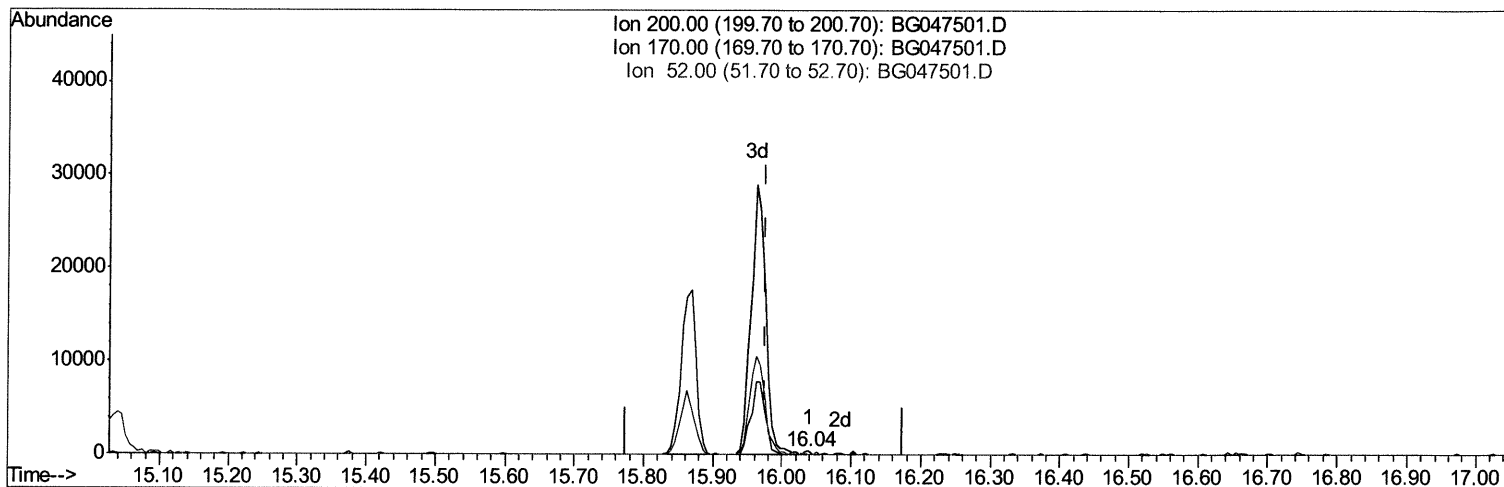
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047501.D  
Acq On : 1 Dec 2020 16:13  
Operator : CG/JU  
Sample : L4793-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0BA0

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:56:21 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047501.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

16.038min (+0.063) 0.16ng/ul

response 233

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 200.00 | 100   | 100   |
| 170.00 | 18.20 | 0.00# |
| 52.00  | 39.70 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

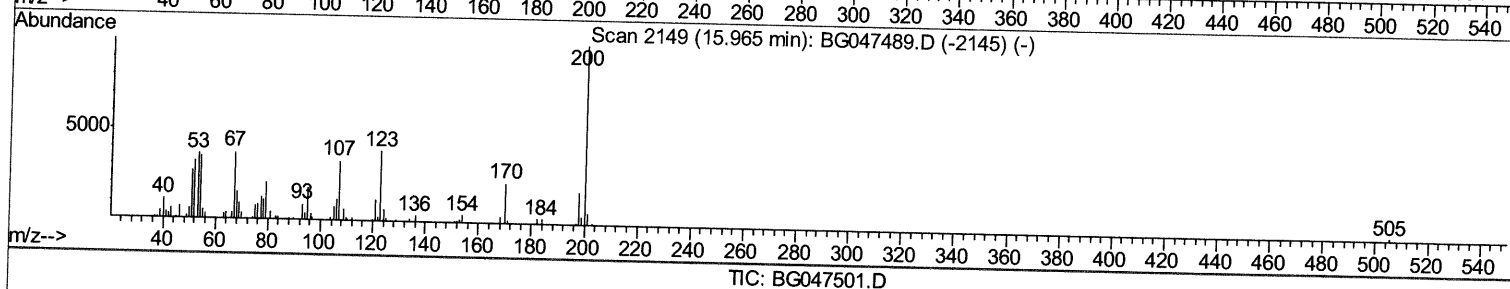
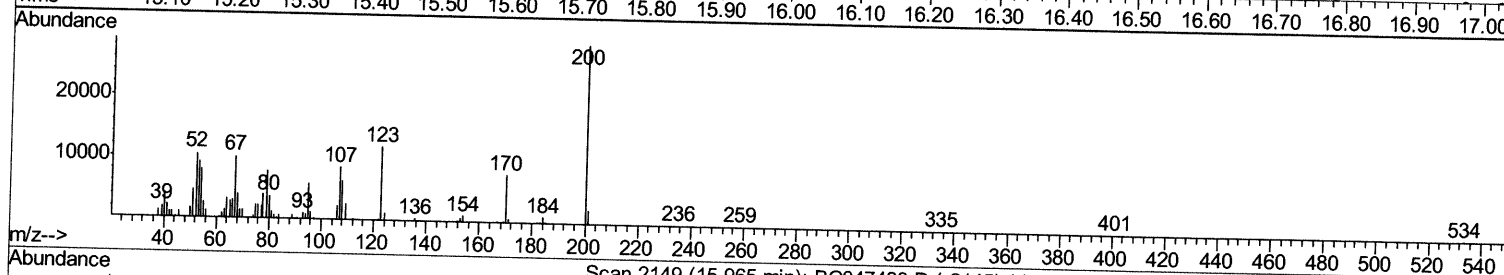
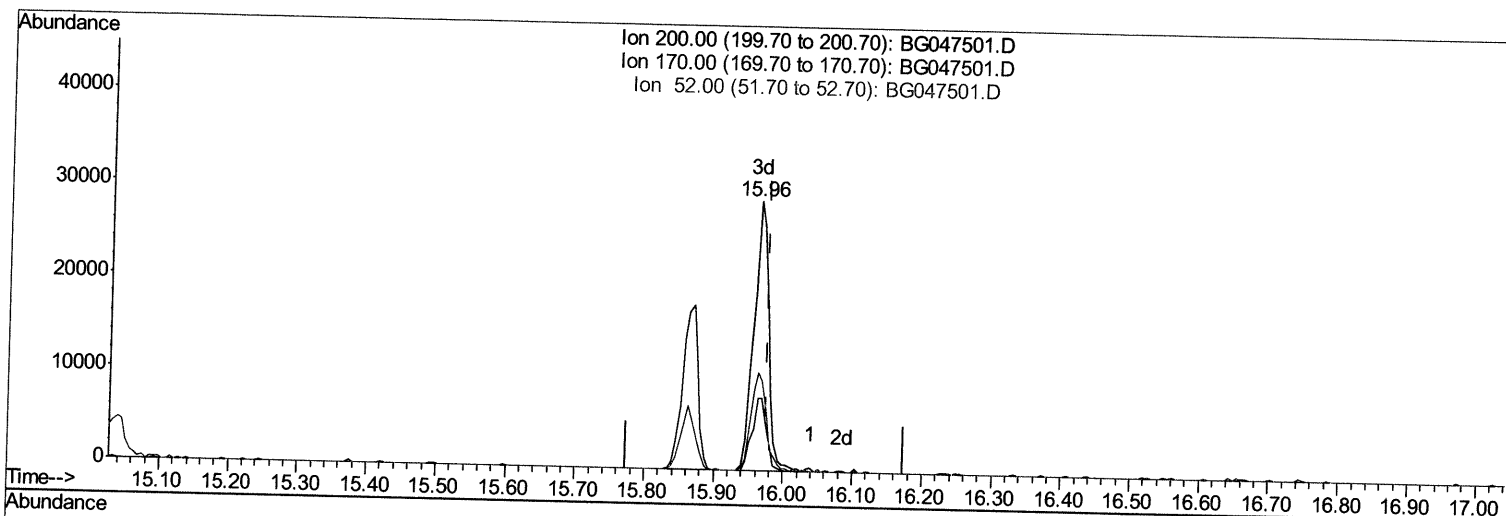
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047501.D  
 Acq On : 1 Dec 2020 16:13  
 Operator : CG/JU  
 Sample : L4793-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BA0

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:56:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.962min (-0.013) 29.41ng/ul m { 2/04/20 JY

response 42757

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 18.20 | 26.87# |
| 52.00  | 39.70 | 36.27  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

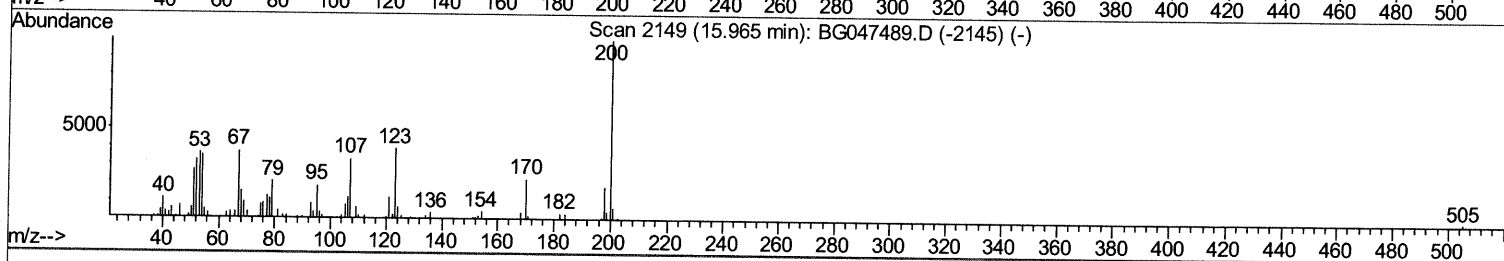
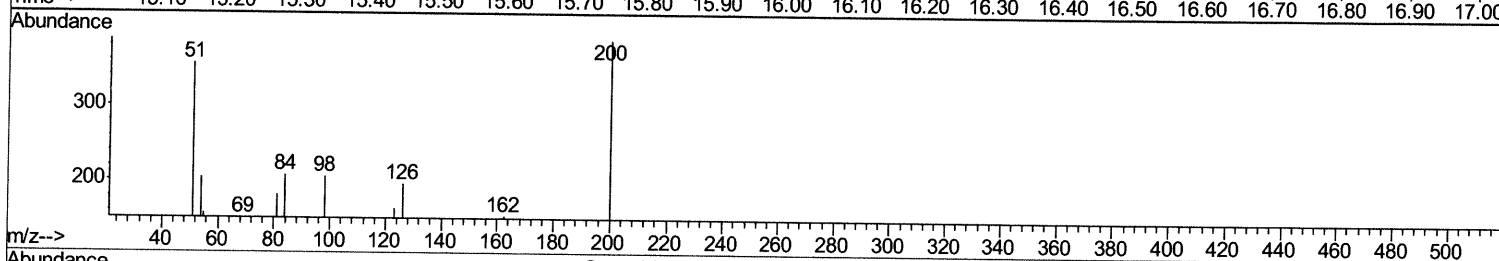
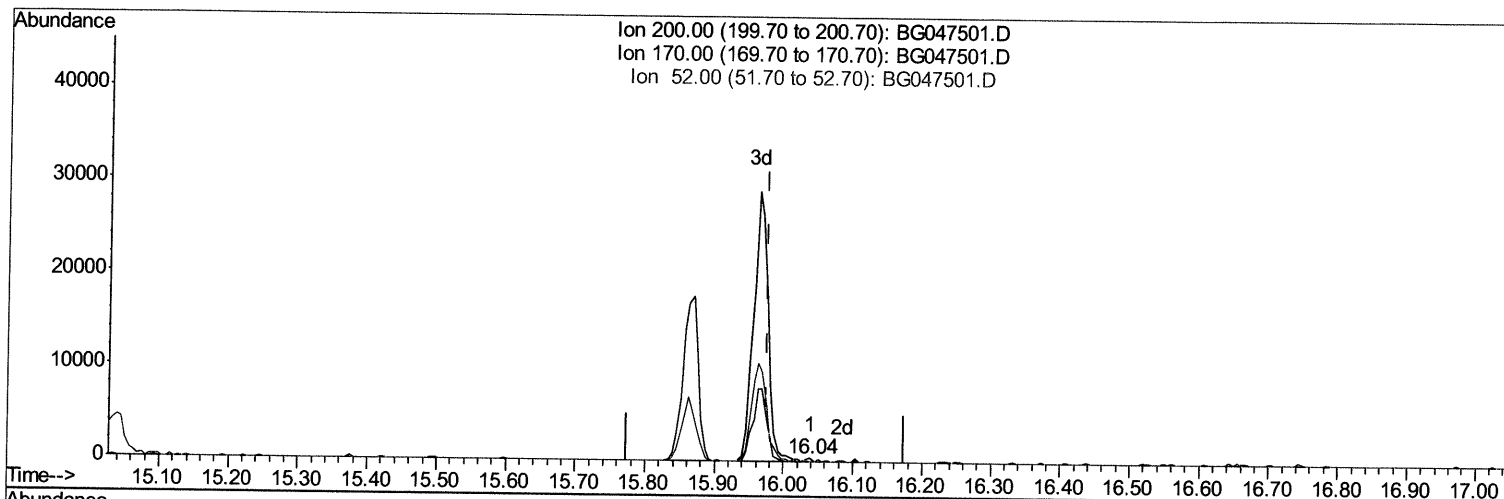
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047501.D  
 Acq On : 1 Dec 2020 16:13  
 Operator : CG/JU  
 Sample : L4793-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 C0BA0

**Manual Integrations**  
**APPROVED**

mohammad  
 12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:56:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047501.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

16.038min (+0.063) 0.16ng/ul

response 233

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 200.00 | 100   | 100   |
| 170.00 | 18.20 | 0.00# |
| 52.00  | 39.70 | 0.00# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

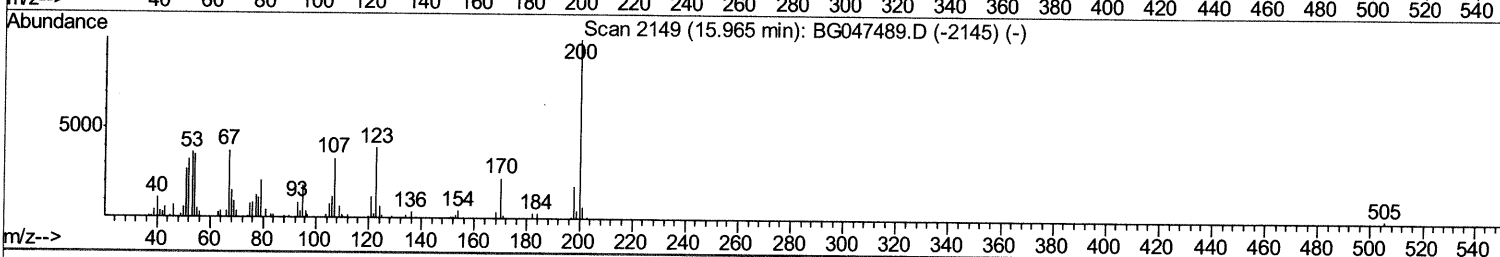
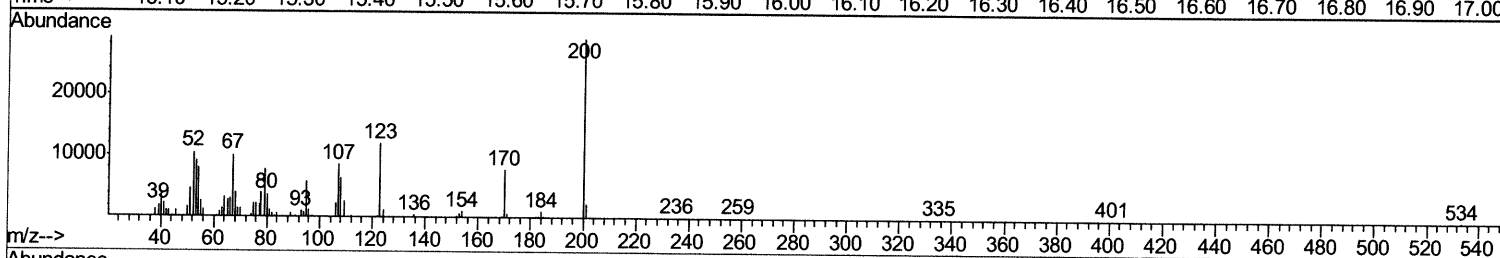
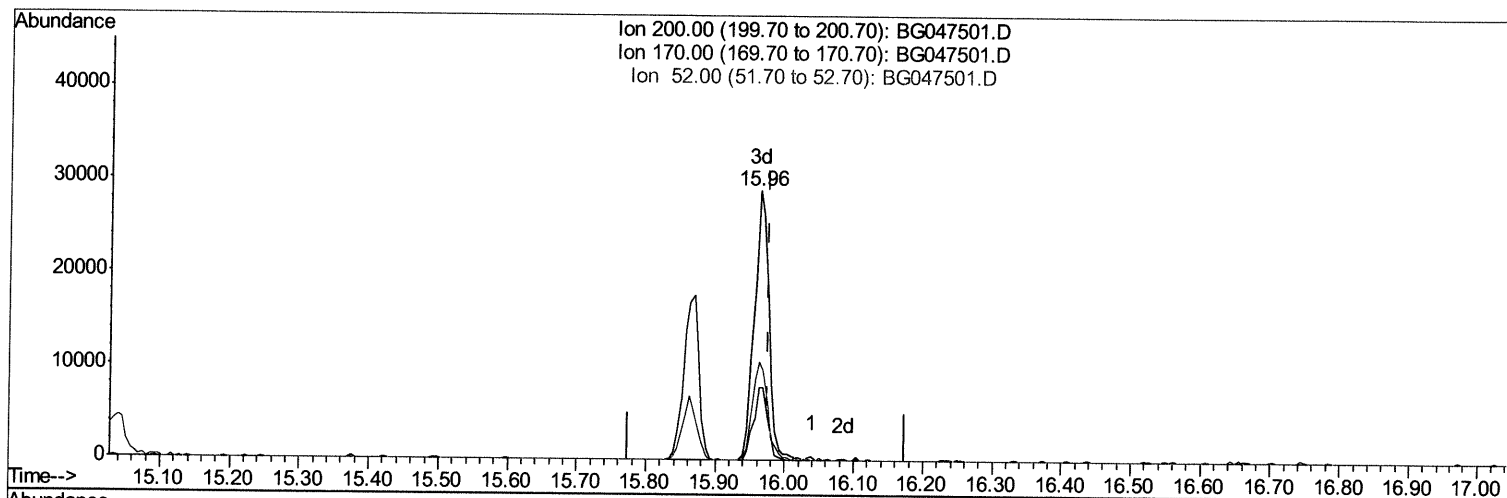
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047501.D  
Acq On : 1 Dec 2020 16:13  
Operator : CG/JU  
Sample : L4793-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0BA0

Manual Integrations  
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mohammad  
12/2/2020 2:26:01 PM

Quant Time: Dec 01 16:56:21 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047501.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.962min (-0.013) 29.41ng/ul m 12/04/2020

response 42757

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 18.20 | 26.87# |
| 52.00  | 39.70 | 36.27  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047501.D  
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Manual Integrations  
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mohammad  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units  | Dev (Min) |
|---------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 33190    | 20.00 | ng/ul  | -0.01     |
| 18) Naphthalene-d8        | 11.09 | 136  | 128151   | 20.00 | ng/ul  | -0.01     |
| 36) Acenaphthene-d10      | 14.88 | 164  | 100478   | 20.00 | ng/ul  | -0.01     |
| 62) Phenanthrene-d10      | 17.61 | 188  | 255431m> | 20.00 | ng/ul> | 0.00      |
| 78) Chrysene-d12          | 21.90 | 240  | 251966   | 20.00 | ng/ul  | 0.00      |
| 86) Perylene-d12          | 25.30 | 264  | 267315   | 20.00 | ng/ul  | -0.01     |

12/04/2020

## System Monitoring Compounds

|                                |       |     |         |       |        |       |
|--------------------------------|-------|-----|---------|-------|--------|-------|
| 3) 1,4-Dioxane-d8              | 3.61  | 96  | 3982m>  | 4.36  | ng/uL> | 0.00  |
| 5) Phenol-d5                   | 7.40  | 99  | 90680   | 27.24 | ng/ul  | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.58  | 67  | 48140   | 25.36 | ng/ul  | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.79  | 132 | 66527   | 29.80 | ng/ul  | -0.01 |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 69477   | 27.16 | ng/ul  | -0.01 |
| 19) Nitrobenzene-d5            | 9.43  | 128 | 32672   | 30.87 | ng/ul  | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.16 | 143 | 38774   | 33.57 | ng/ul  | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165 | 79123   | 29.92 | ng/ul  | -0.01 |
| 29) 4-Chloroaniline-d4         | 11.21 | 131 | 90426   | 33.81 | ng/ul  | -0.01 |
| 44) Dimethylphthalate-d6       | 14.27 | 166 | 260731  | 30.23 | ng/ul  | -0.01 |
| 47) Acenaphthylene-d8          | 14.58 | 160 | 307399  | 30.84 | ng/ul  | 0.00  |
| 52) 4-Nitrophenol-d4           | 15.04 | 143 | 37474   | 28.47 | ng/ul  | 0.00  |
| 58) Fluorene-d10               | 15.86 | 176 | 241191  | 30.52 | ng/ul  | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 42757m> | 29.41 | ng/ul> | -0.01 |
| 71) Anthracene-d10             | 17.71 | 188 | 388884  | 30.69 | ng/ul  | 0.00  |
| 79) Pyrene-d10                 | 19.98 | 212 | 449880  | 30.68 | ng/ul  | 0.00  |
| 90) Benzo(a)pyrene-d12         | 25.06 | 264 | 470506  | 30.58 | ng/ul  | -0.01 |

12/04/2020

12/04/2020

## Target Compounds

|                                |       |     |       |       | Ovalue    |
|--------------------------------|-------|-----|-------|-------|-----------|
| 6) Phenol                      | 7.42  | 94  | 21543 | 6.756 | ng/ul 95  |
| 45) Dimethylphthalate          | 14.32 | 163 | 19810 | 2.252 | ng/ul# 91 |
| 84) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 18997 | 2.174 | ng/ul# 88 |

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