

# Quantitation Report (QT Reviewed)

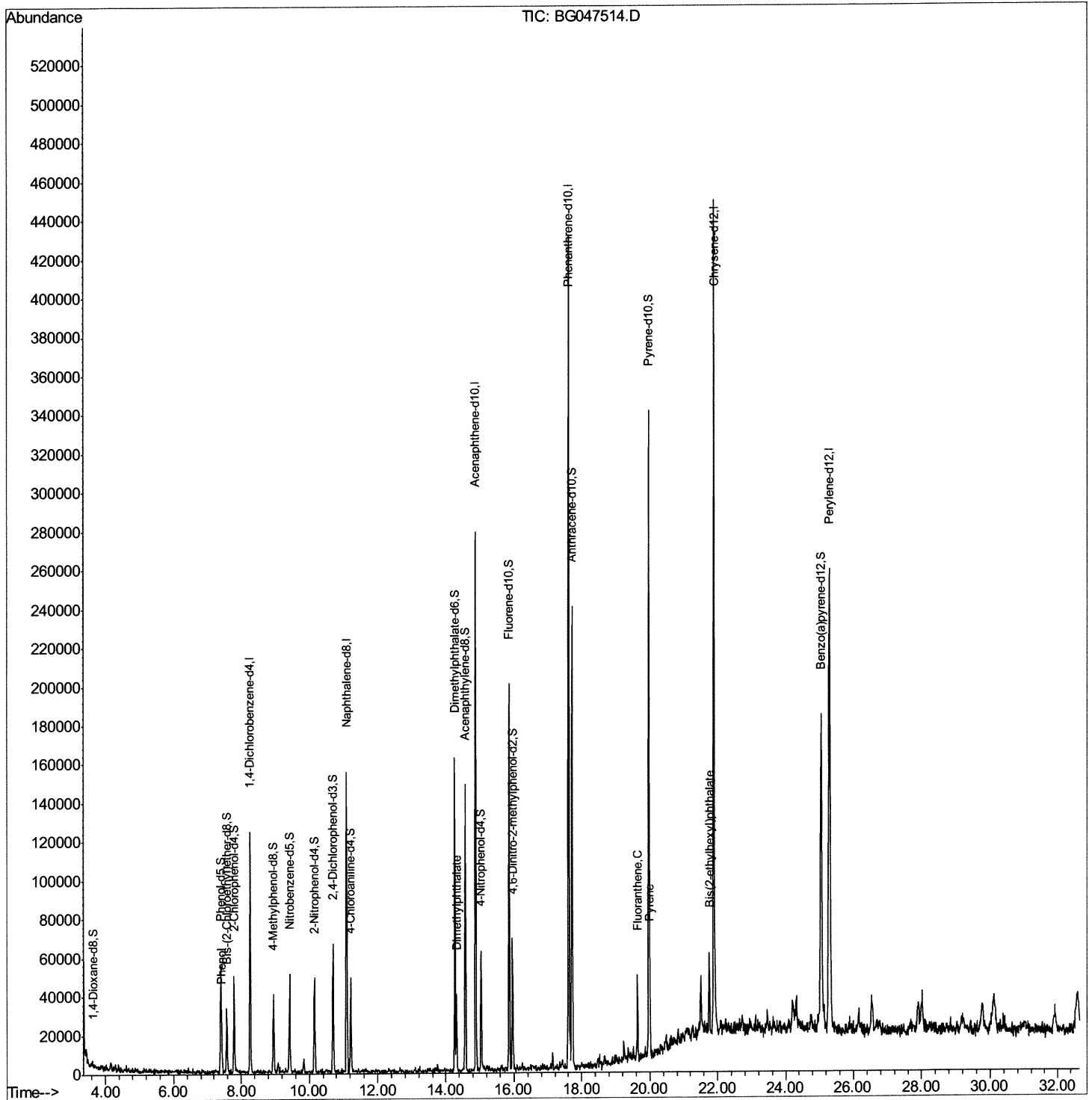
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Quant Time: Dec 02 03:29:00 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:26:36 PM



# Quantitation Report (Qedit)

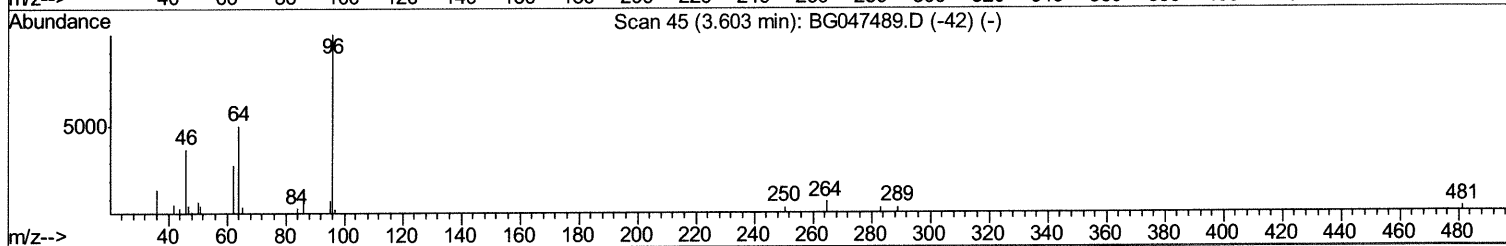
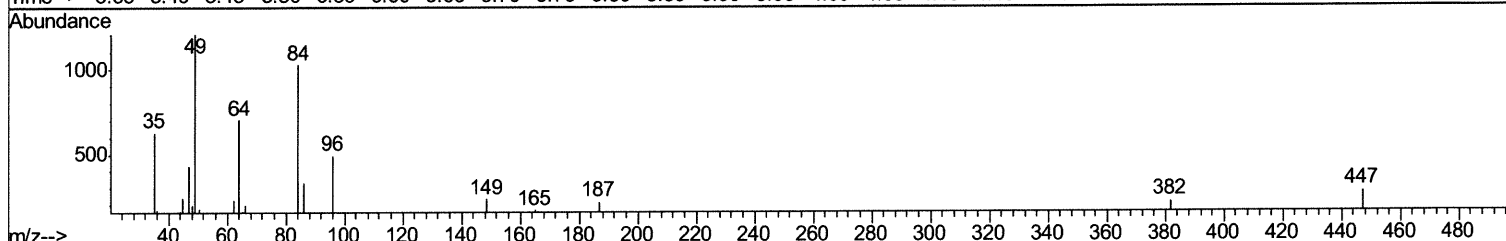
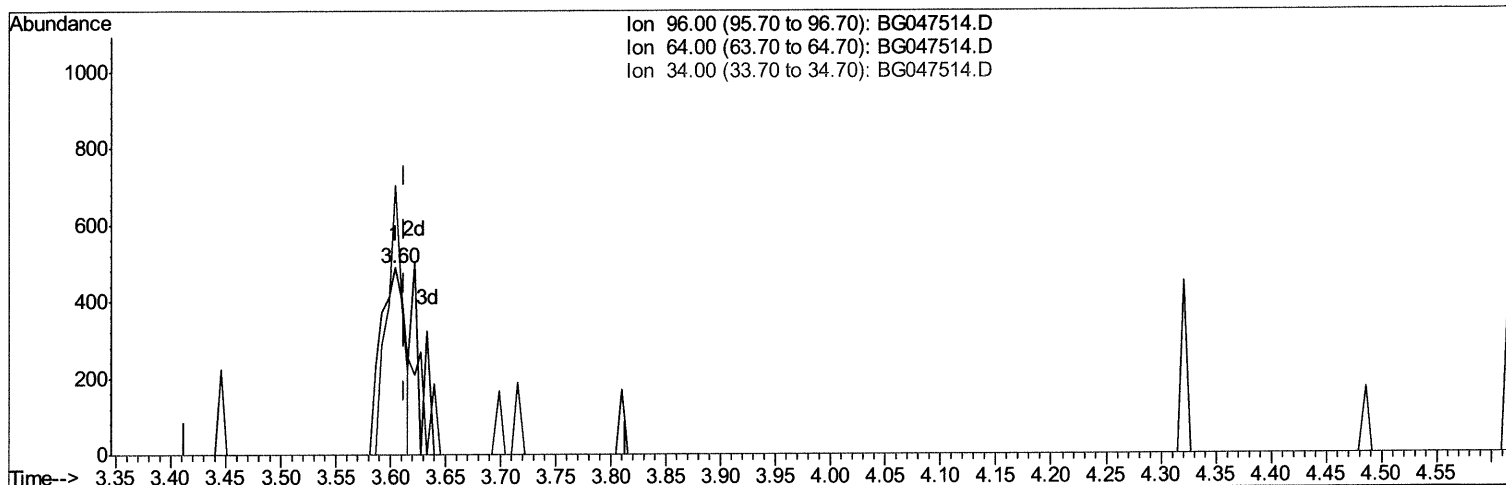
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
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 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 C0B48

Manual Integrations  
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Quant Time: Dec 02 03:18:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration



TIC: BG047514.D

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

3.604min (-0.009) 0.91ng/uL

response 753

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 96.00 | 100   | 100     |
| 64.00 | 88.60 | 143.88# |
| 34.00 | 0.00  | 0.00    |
| 0.00  | 0.00  | 0.00    |

# Quantitation Report (Qedit)

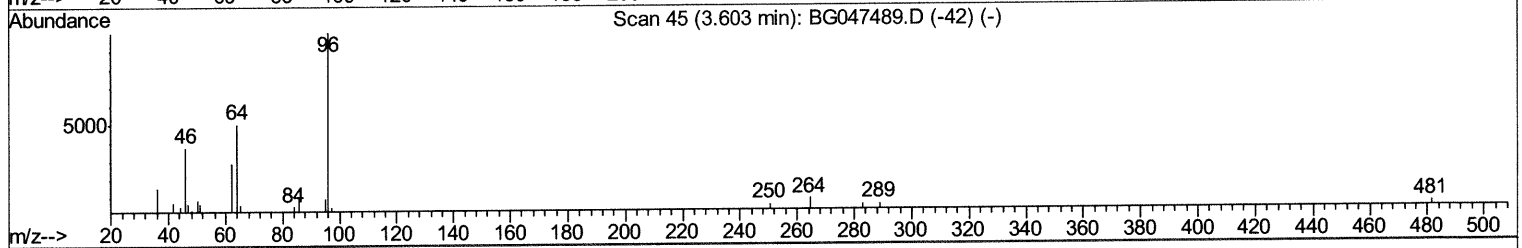
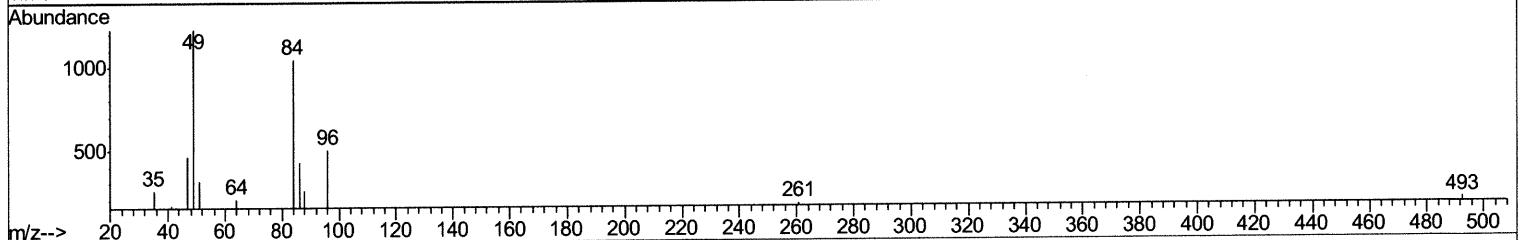
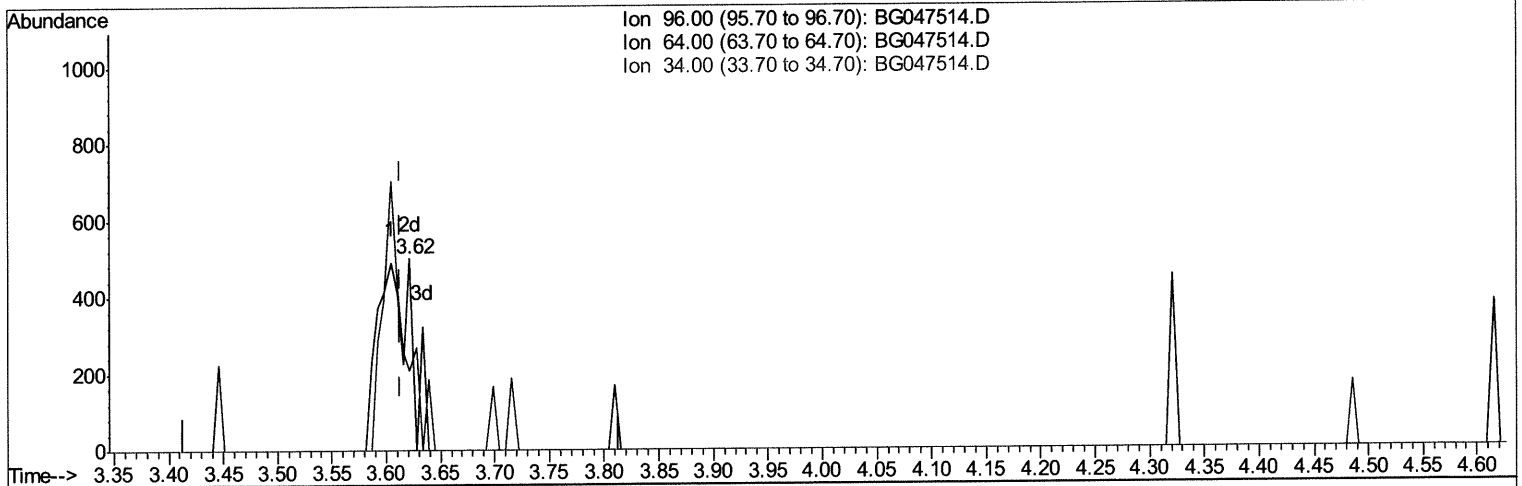
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Manual Integrations  
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Quant Time: Dec 02 03:18:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



TIC: BG047514.D

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

3.622min (+0.009) 1.12ng/uL m 12/04/2020

response 931

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 88.60 | 41.35# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

# Quantitation Report (Qedit)

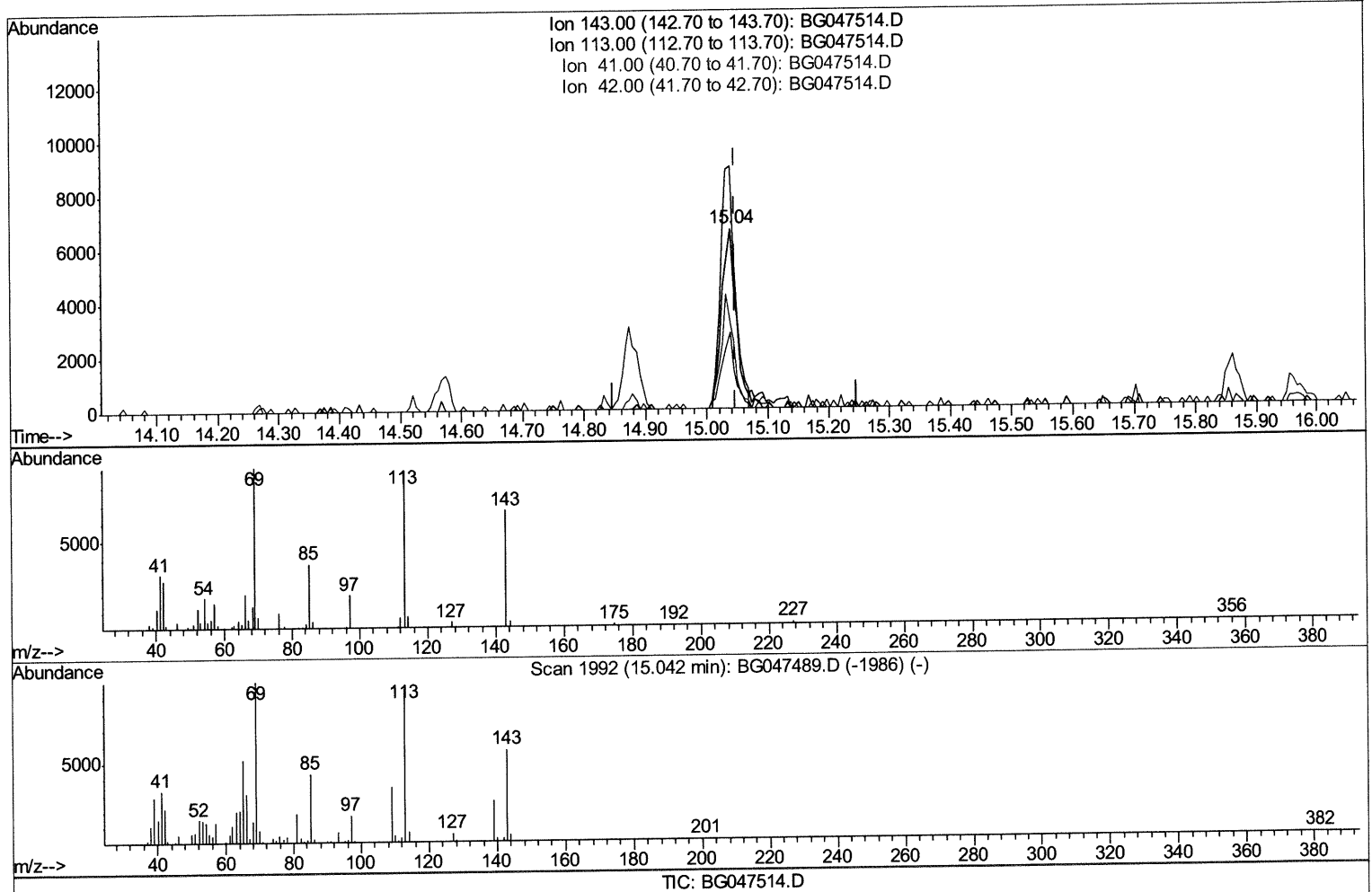
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Quant Time: Dec 02 03:23:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration

Manual Integrations  
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(52) 4-Nitrophenol-d4 (S)

15.038min (-0.009) 8.35ng/ul

response 10711

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100    | 100     |
| 113.00 | 170.70 | 134.65# |
| 41.00  | 58.00  | 47.30   |
| 42.00  | 39.20  | 41.98   |

# Quantitation Report (Qedit)

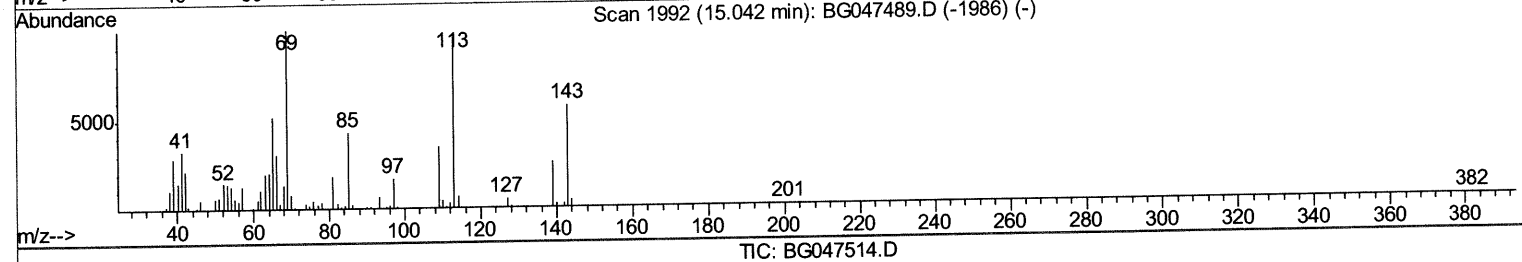
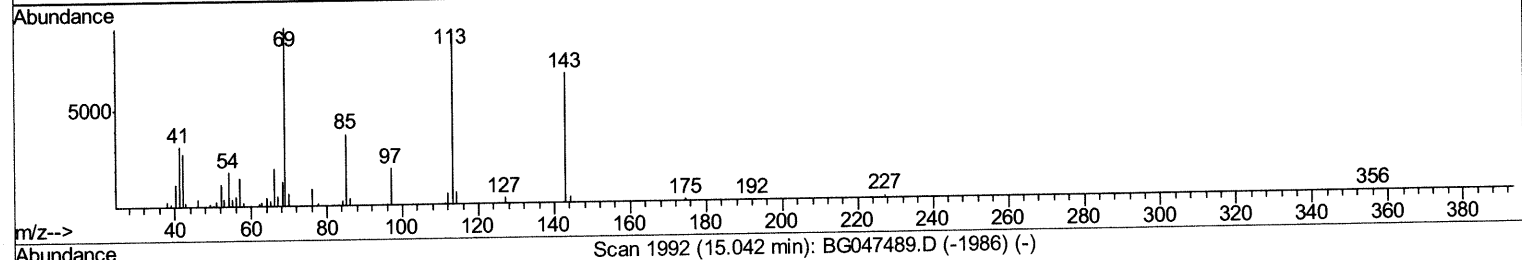
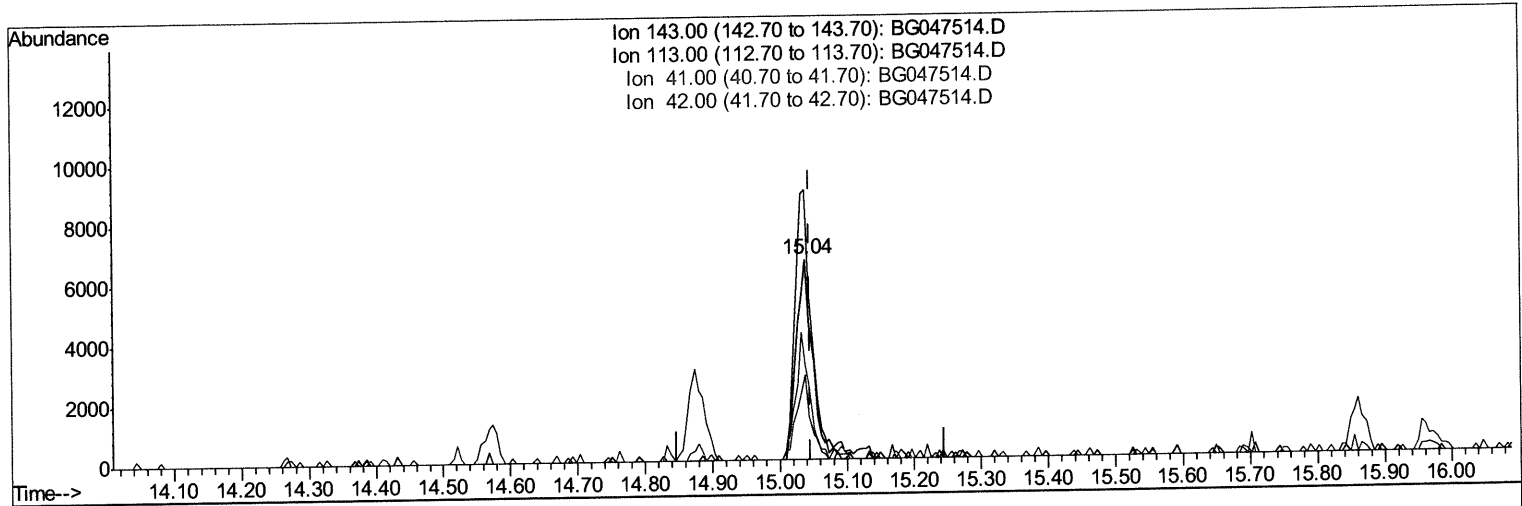
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Quant Time: Dec 02 03:23:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration

Manual Integrations  
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(52) 4-Nitrophenol-d4 (S)

15.038min (-0.009) 8.68ng/ul m 12/04/2024

response 11135

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100    | 100     |
| 113.00 | 170.70 | 134.65# |
| 41.00  | 58.00  | 47.30   |
| 42.00  | 39.20  | 41.98   |

# Quantitation Report (Qedit)

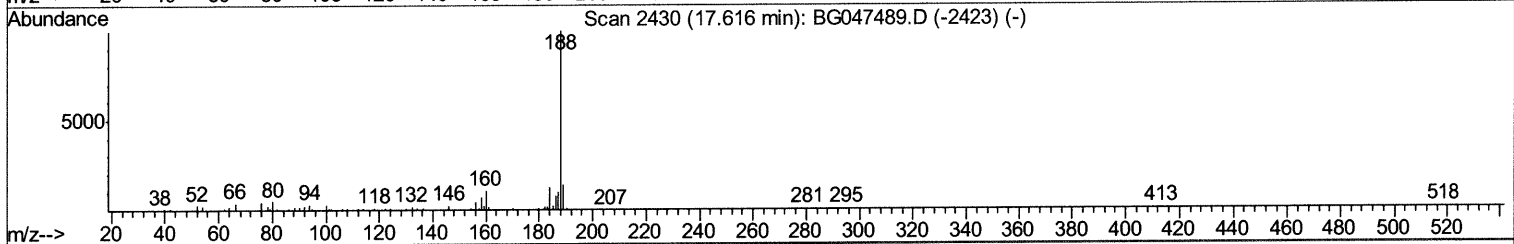
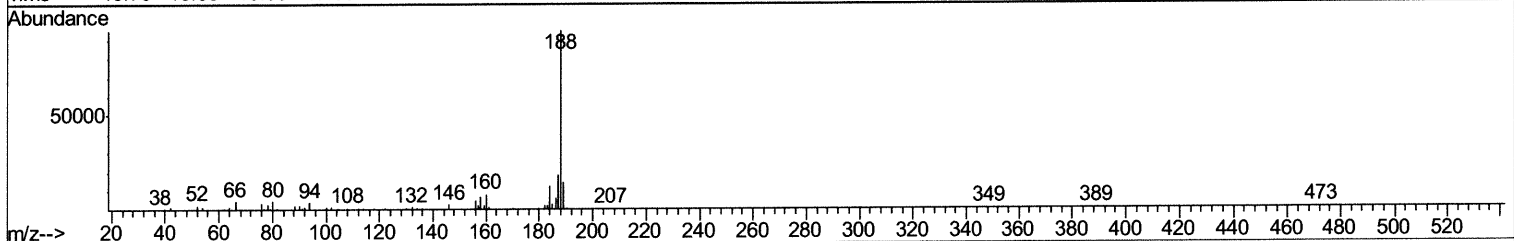
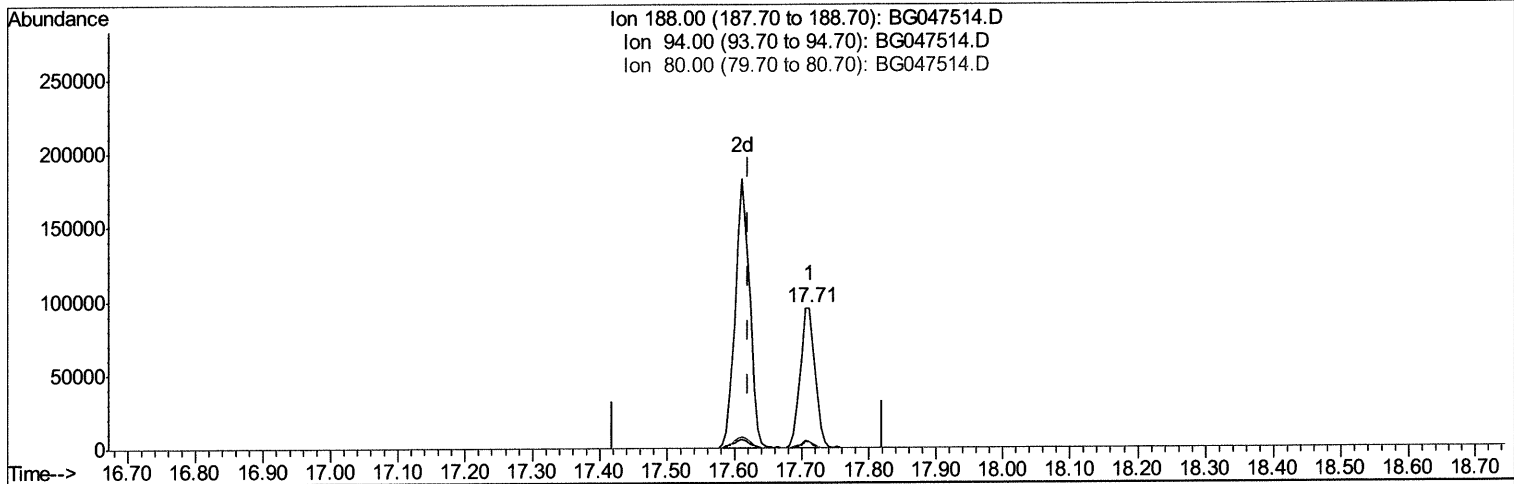
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Manual Integrations  
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Quant Time: Dec 02 03:24:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration



TIC: BG047514.D

(62) Phenanthrene-d10 (I)

17.711min (+0.091) 20.00ng/ul

response 145707

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 4.60 | 4.15 |
| 80.00  | 5.30 | 4.69 |
| 0.00   | 0.00 | 0.00 |

# Quantitation Report (Qedit)

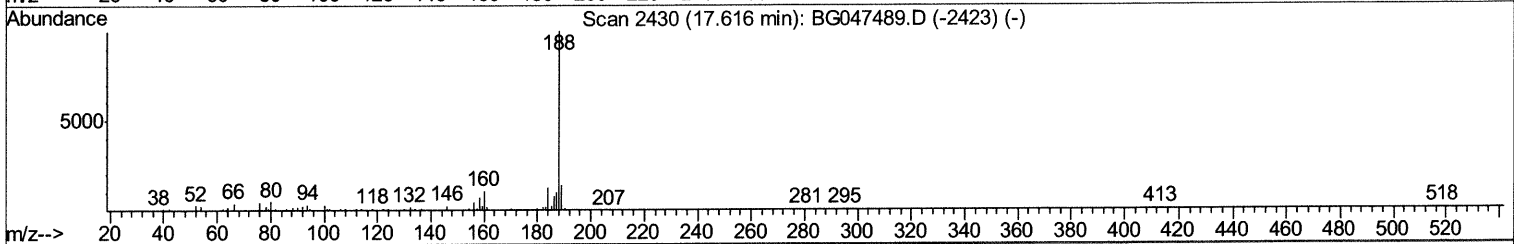
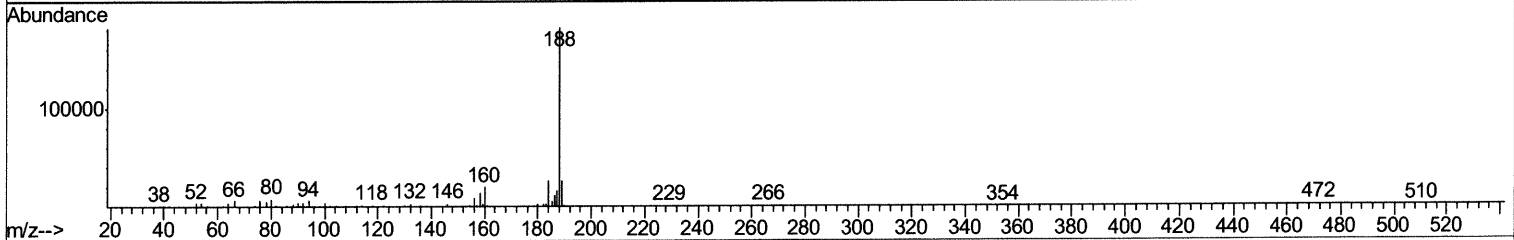
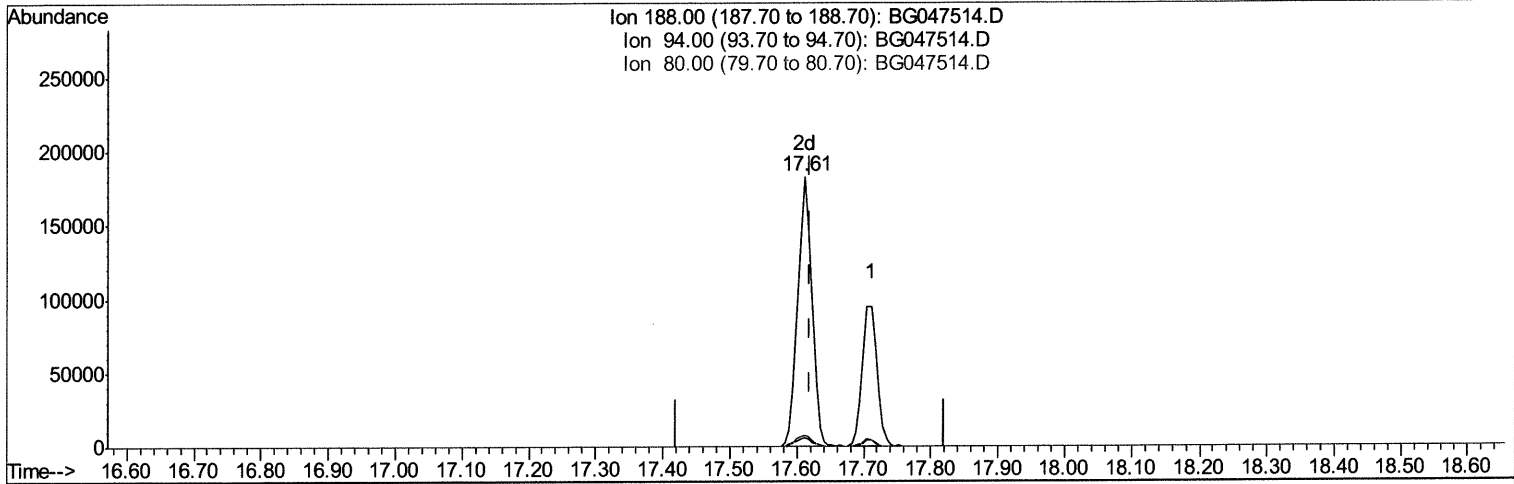
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Manual Integrations  
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Quant Time: Dec 02 03:24:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration



TIC: BG047514.D

(62) Phenanthrene-d10 (I)

17.611min (-0.009) 20.00ng/ul m 12/04/2020

response 271897

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 4.60 | 3.39# |
| 80.00  | 5.30 | 4.28  |
| 0.00   | 0.00 | 0.00  |

# Quantitation Report (Qedit)

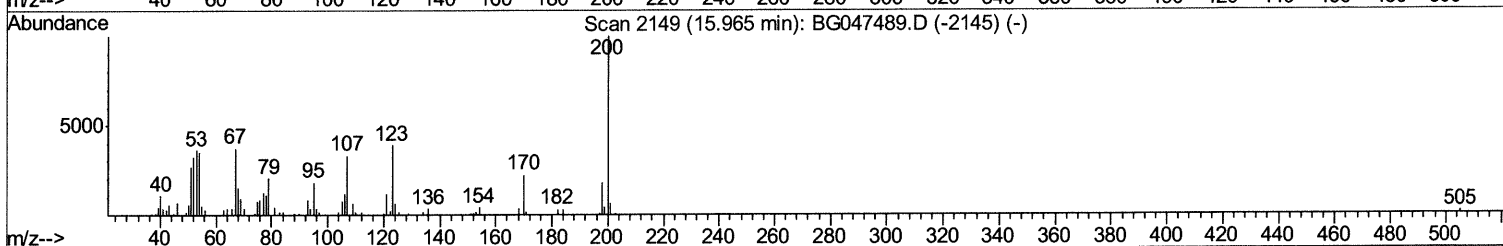
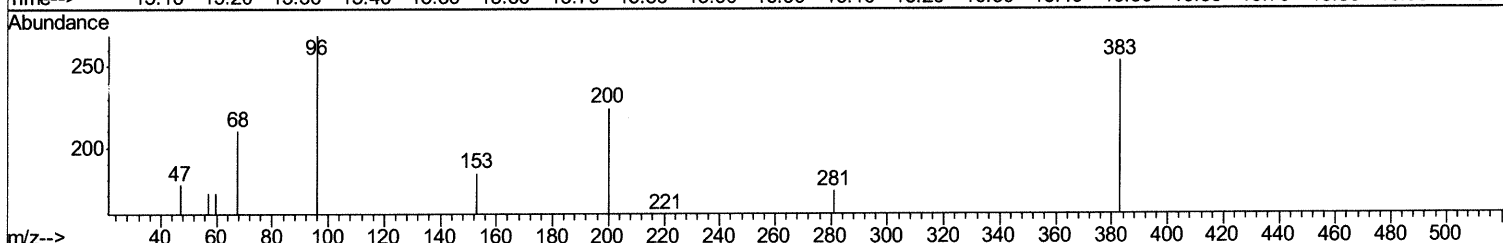
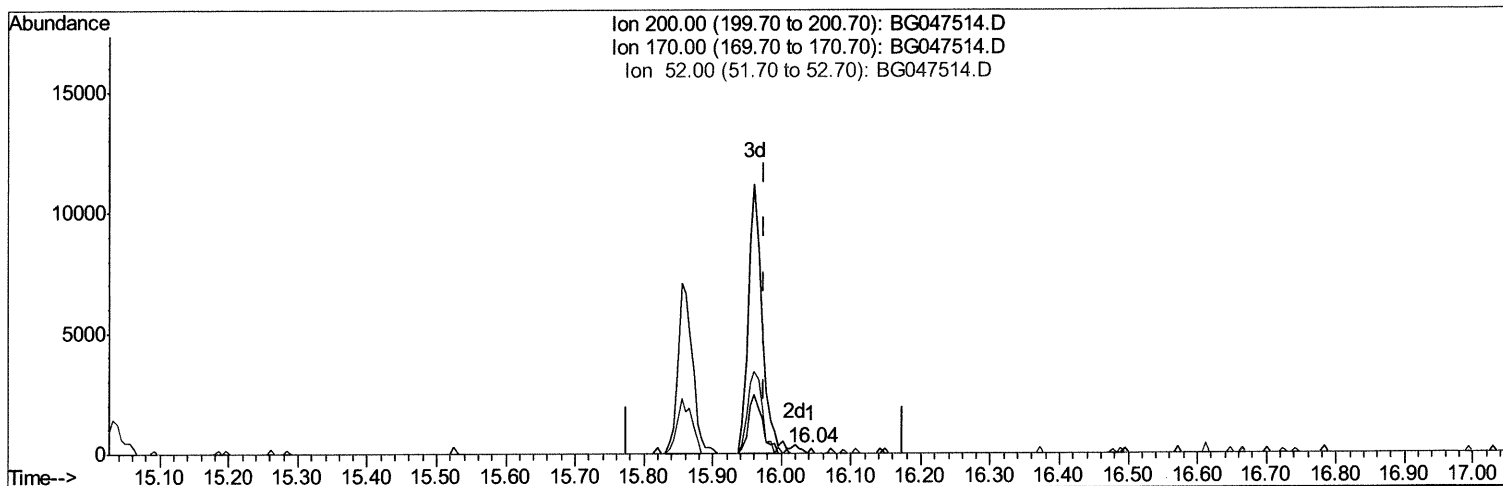
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Manual Integrations  
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Quant Time: Dec 02 03:26:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
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TIC: BG047514.D

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

16.043min (+0.067) 0.05ng/ul

response 79

| 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)

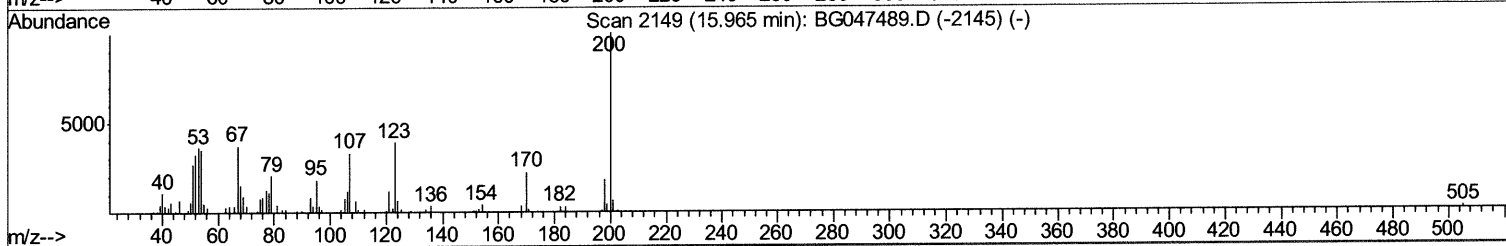
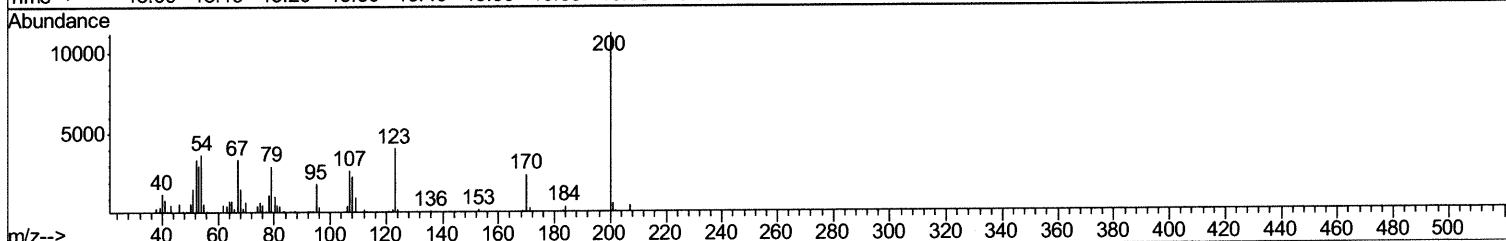
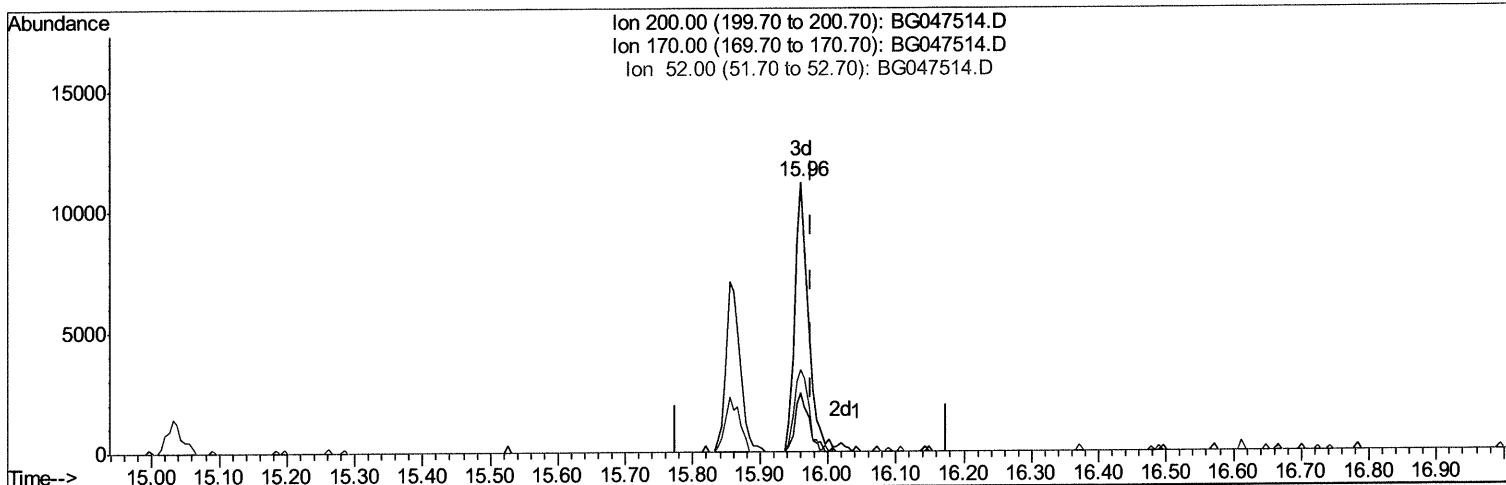
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Manual Integrations  
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Quant Time: Dec 02 03:26:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



TIC: BG047514.D

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

15.960min (-0.015) 10.07ng/ul m 12/04/20 JU

response 15581

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 18.20 | 21.65  |
| 52.00  | 39.70 | 30.58# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

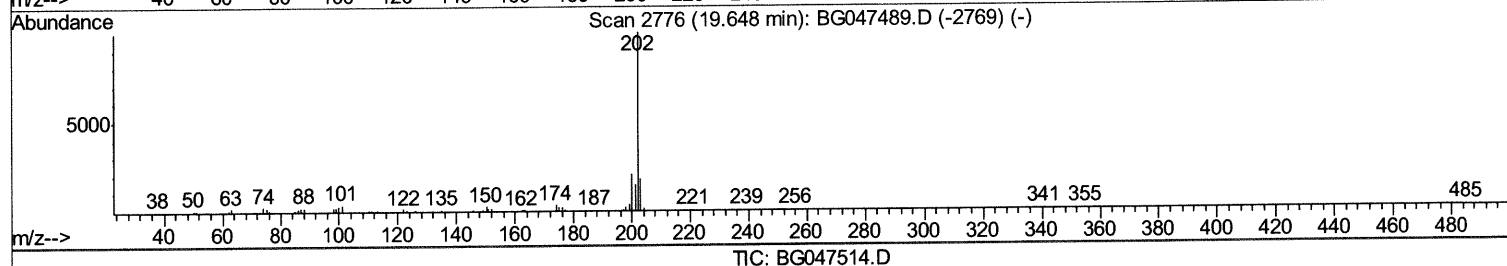
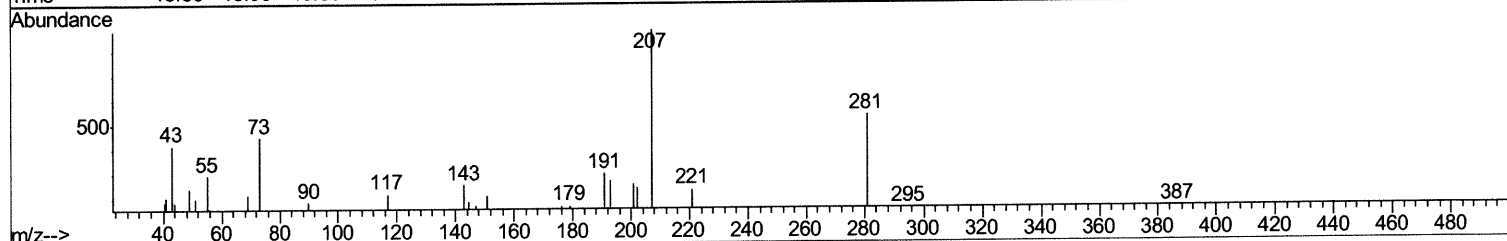
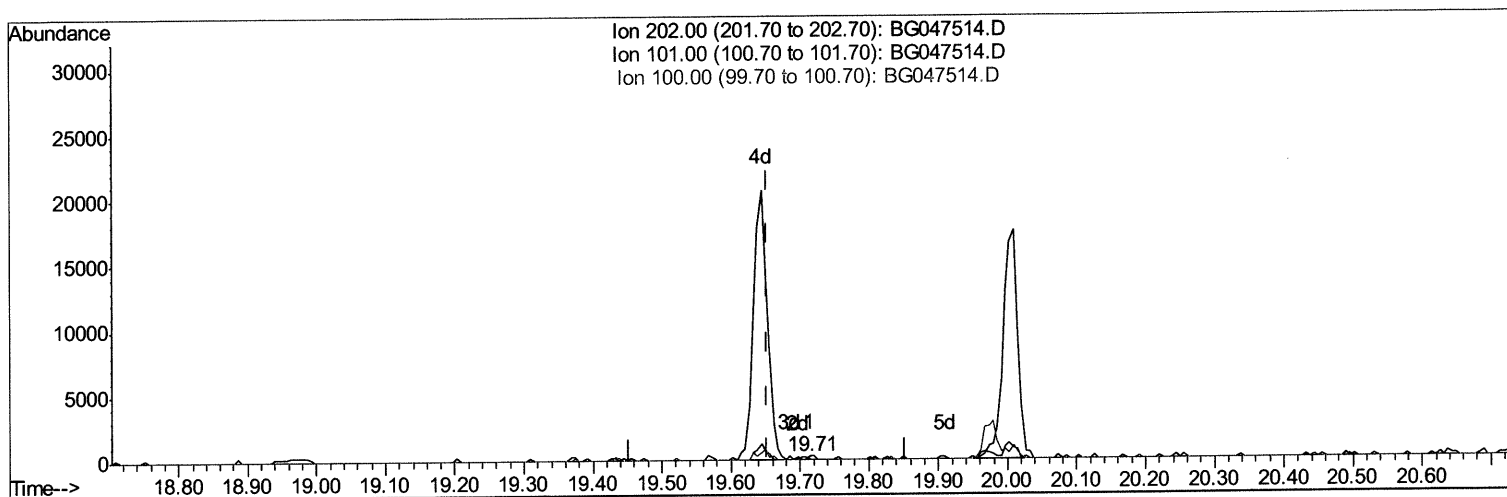
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Quant Time: Dec 02 03:26:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:26:36 PM



TIC: BG047514.D

(77) Fluoranthene (C)

19.715min (+0.062) 0.01ng/ul

response 172

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 202.00 | 100  | 100   |
| 101.00 | 3.80 | 0.00# |
| 100.00 | 3.80 | 0.00# |
| 0.00   | 0.00 | 0.00  |

# Quantitation Report (Qedit)

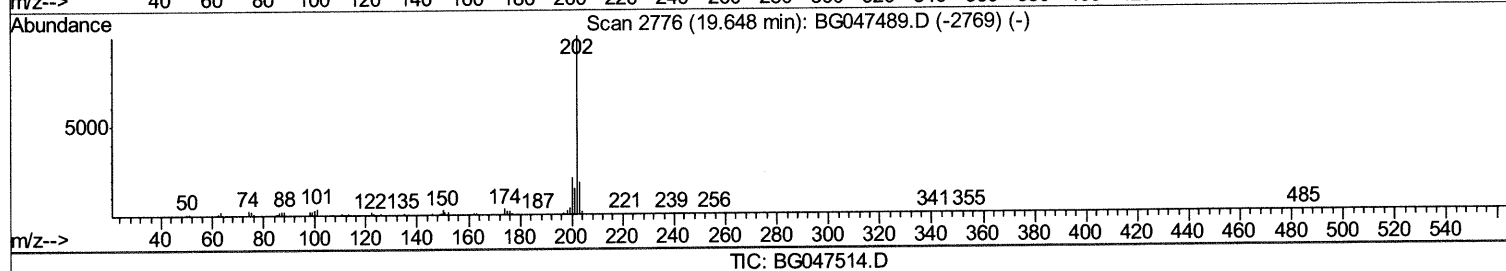
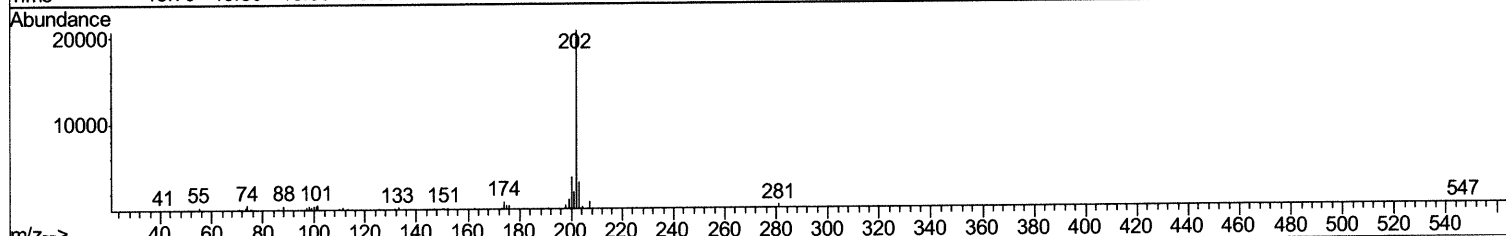
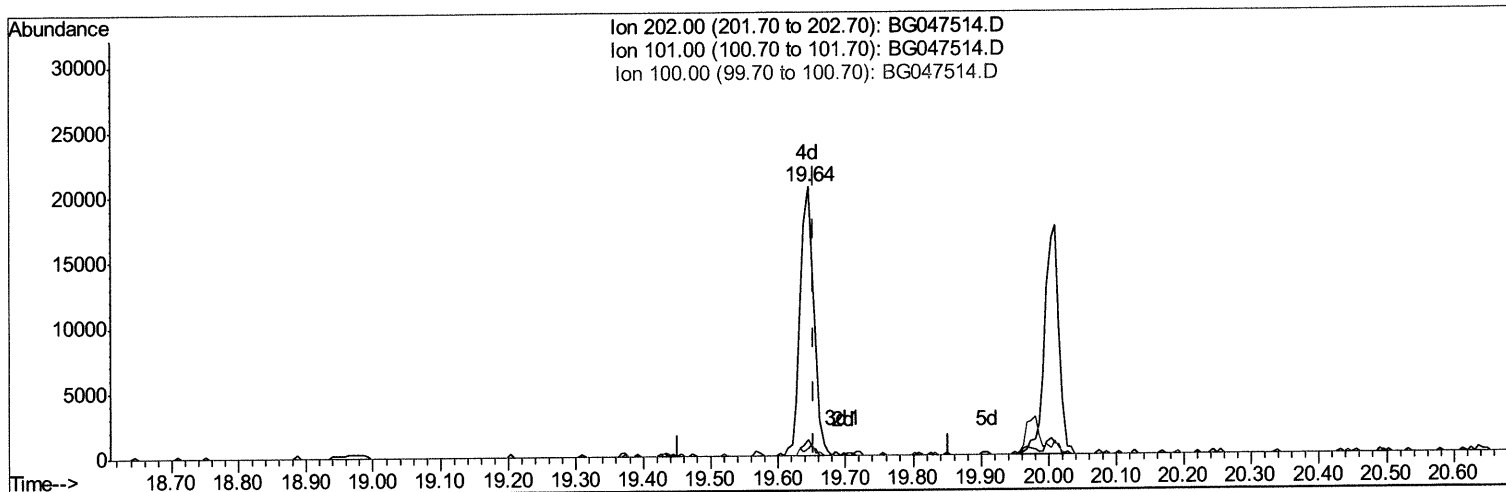
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047514.D  
 Acq On : 2 Dec 2020 2:34  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

Quant Time: Dec 02 03:26:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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 12/2/2020 2:26:36 PM



TIC: BG047514.D

(77) Fluoranthene (C)

19.644min (-0.009) 1.56ng/ul m 12/04/2024

response 28936

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 202.00 | 100  | 100   |
| 101.00 | 3.80 | 3.44  |
| 100.00 | 3.80 | 2.79# |
| 0.00   | 0.00 | 0.00  |

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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
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 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B48

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Manual Integrations  
 APPROVED

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| Internal Standards        | R.T.  | QIon | Response  | Conc  | Units   | Dev(Min) |
|---------------------------|-------|------|-----------|-------|---------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 30202     | 20.00 | ng/ul   | 0.00     |
| 18) Naphthalene-d8        | 11.10 | 136  | 119827    | 20.00 | ng/ul   | 0.00     |
| 36) Acenaphthene-d10      | 14.87 | 164  | 97914     | 20.00 | ng/ul   | -0.01    |
| 62) Phenanthrene-d10      | 17.61 | 188  | 271897m > | 20.00 | ng/ul > | 0.00     |
| 78) Chrysene-d12          | 21.89 | 240  | 283134    | 20.00 | ng/ul   | 0.00     |
| 86) Perylene-d12          | 25.30 | 264  | 291972    | 20.00 | ng/ul   | -0.01    |

## System Monitoring Compounds

|                                |       |     |          |       |         |       |
|--------------------------------|-------|-----|----------|-------|---------|-------|
| 3) 1,4-Dioxane-d8              | 3.62  | 96  | 931m >   | 1.12  | ng/ul > | 0.00  |
| 5) Phenol-d5                   | 7.39  | 99  | 22334    | 7.37  | ng/ul   | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.58  | 67  | 14707    | 8.51  | ng/ul   | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.79  | 132 | 18765    | 9.24  | ng/ul   | -0.01 |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 13629    | 5.86  | ng/ul   | -0.01 |
| 19) Nitrobenzene-d5            | 9.43  | 128 | 10277    | 10.38 | ng/ul   | -0.01 |
| 22) 2-Nitrophenol-d4           | 10.16 | 143 | 10654    | 9.87  | ng/ul   | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165 | 20819    | 8.42  | ng/ul   | -0.01 |
| 29) 4-Chloroaniline-d4         | 11.21 | 131 | 21644    | 8.66  | ng/ul   | -0.01 |
| 44) Dimethylphthalate-d6       | 14.27 | 166 | 91454    | 10.88 | ng/ul   | -0.01 |
| 47) Acenaphthylene-d8          | 14.57 | 160 | 103308   | 10.63 | ng/ul   | 0.00  |
| 52) 4-Nitrophenol-d4           | 15.04 | 143 | 11135m > | 8.68  | ng/ul > | 0.00  |
| 58) Fluorene-d10               | 15.86 | 176 | 85089    | 11.05 | ng/ul   | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 15581m > | 10.07 | ng/ul > | -0.01 |
| 71) Anthracene-d10             | 17.71 | 188 | 145264   | 10.77 | ng/ul   | 0.00  |
| 79) Pyrene-d10                 | 19.97 | 212 | 192136   | 11.66 | ng/ul   | 0.00  |
| 90) Benzo(a)pyrene-d12         | 25.06 | 264 | 192354   | 11.45 | ng/ul   | -0.02 |

## Target Compounds

|                                |       |     |          |       | Ovalue  |            |
|--------------------------------|-------|-----|----------|-------|---------|------------|
| 6) Phenol                      | 7.42  | 94  | 7732     | 2.665 | ng/ul   | 93         |
| 45) Dimethylphthalate          | 14.32 | 163 | 21106    | 2.462 | ng/ul#  | 87         |
| 77) Fluoranthene               | 19.64 | 202 | 28936m > | 1.560 | ng/ul > | 12/04/2024 |
| 80) Pyrene                     | 20.01 | 202 | 25852    | 1.289 | ng/ul#  | 97         |
| 84) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 16708    | 1.702 | ng/ul   | 93         |

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