

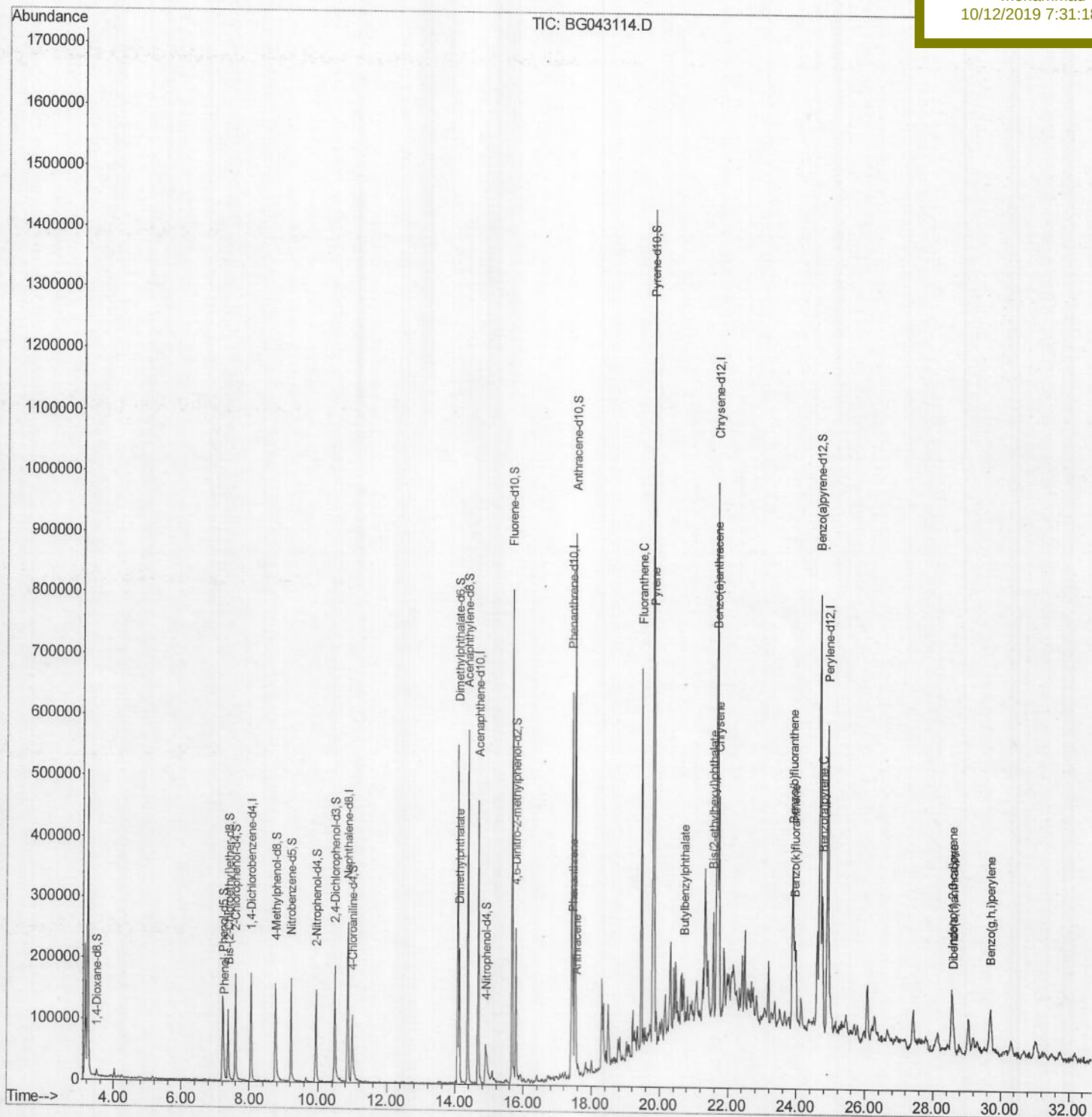
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\  
Data File : BG043114.D  
Acq On : 9 Oct 2019 22:14  
Operator : JU  
Sample : K5175-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 10 00:41:41 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 09 15:33:22 2019  
Response via : Initial Calibration

Instrument :  
BNA\_G  
Client Sampled :  
BEPF8

Manual Integrations  
APPROVED

mohammad  
10/12/2019 7:31:18 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043114.D

Acq On : 9 Oct 2019 22:14

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 10 00:03:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

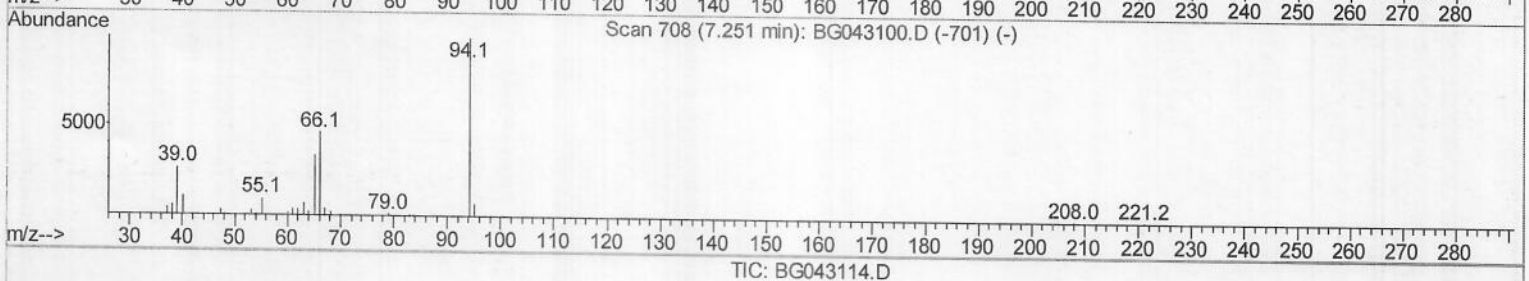
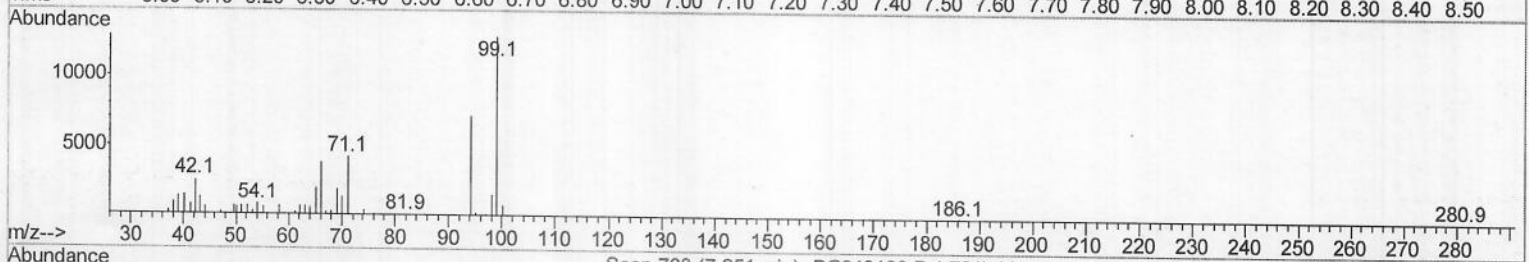
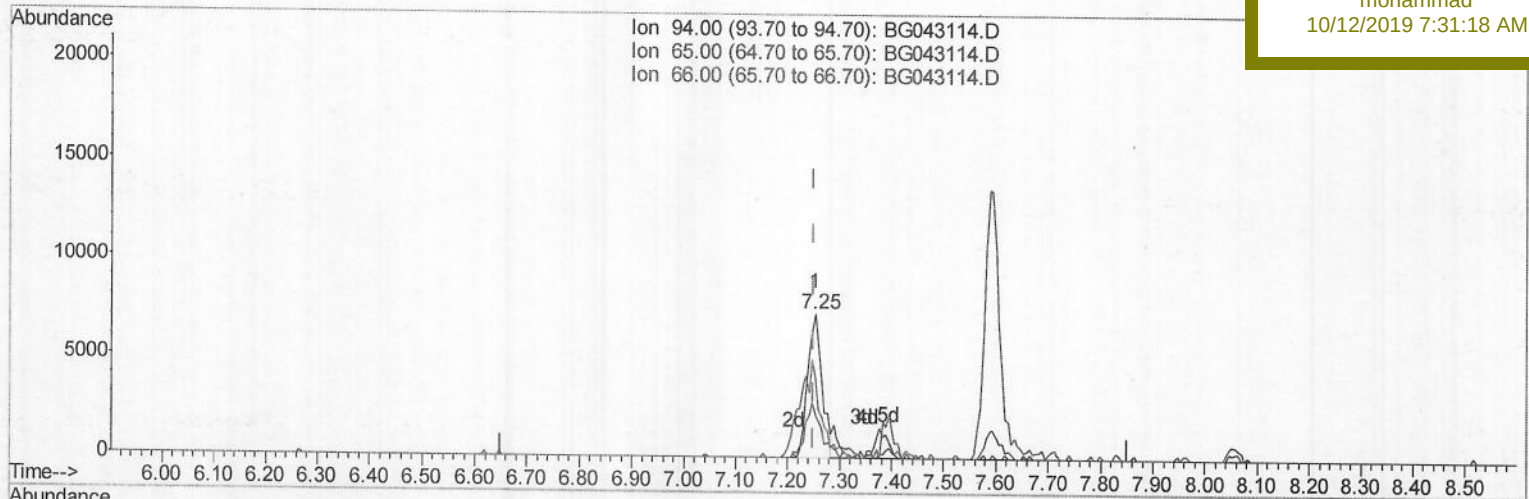
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(6) Phenol

7.253min (+0.002) 3.25ng/ul

response 13715

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 94.00 | 100   | 100   |
| 65.00 | 34.00 | 29.16 |
| 66.00 | 48.40 | 54.06 |
| 0.00  | 0.00  | 0.00  |



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043114.D

Acq On : 9 Oct 2019 22:14

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 10 00:03:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

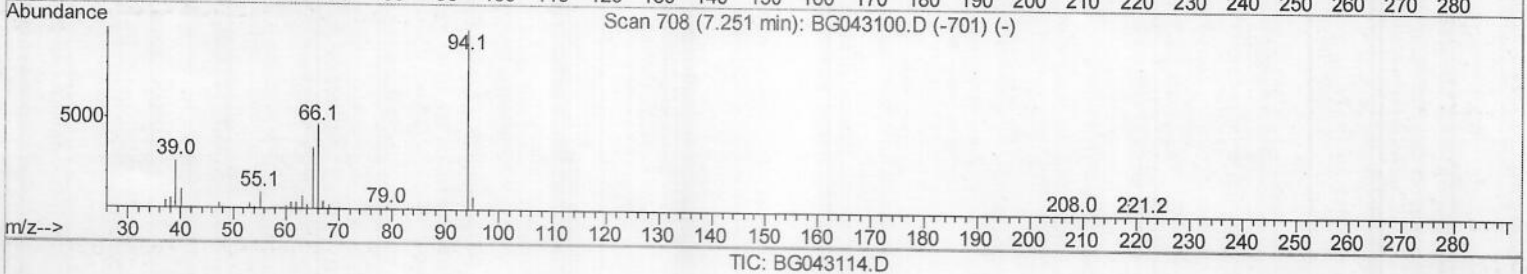
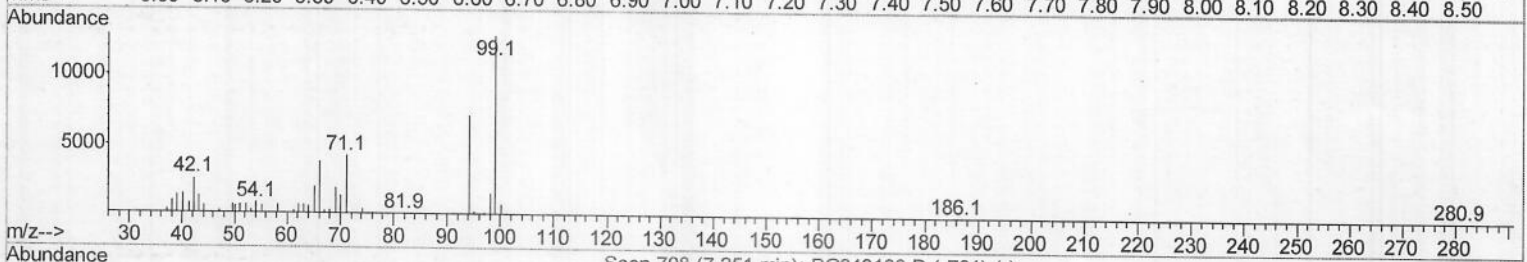
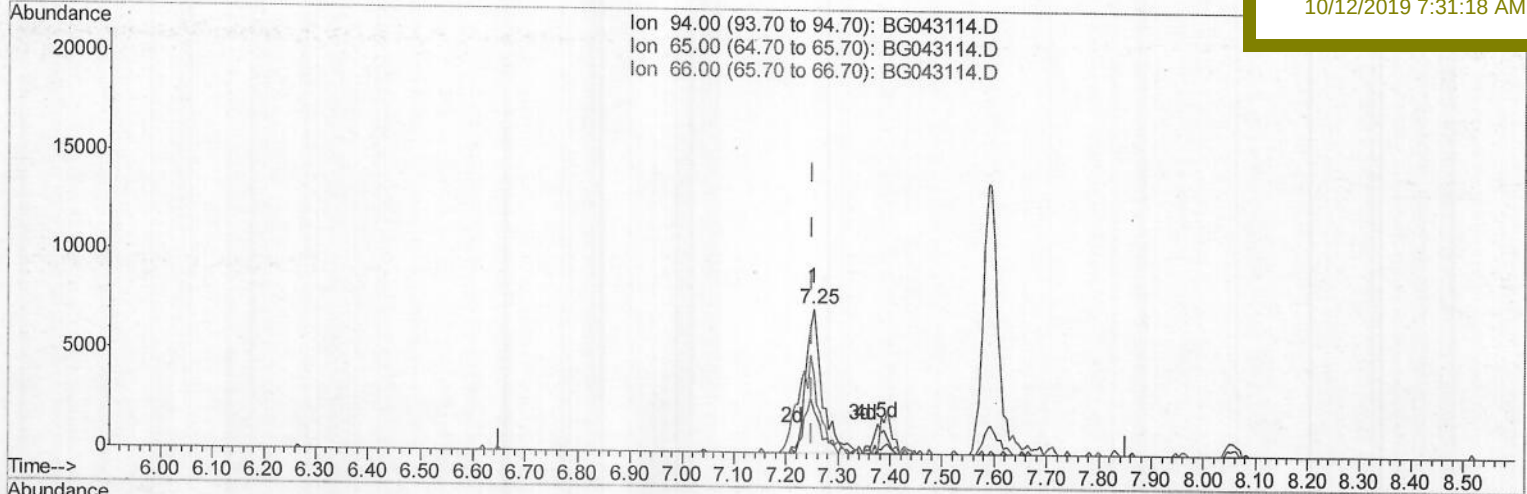
BEPF8

Manual Integrations

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10/12/2019 7:31:18 AM



(6) Phenol

7.253min (+0.002) 3.69ng/ul m

response 15597

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 94.00 | 100   | 100   |
| 65.00 | 34.00 | 29.16 |
| 66.00 | 48.40 | 54.06 |
| 0.00  | 0.00  | 0.00  |

Handwritten signature and date: 2012/12/19

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043114.D

Acq On : 9 Oct 2019 22:14

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 10 00:03:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

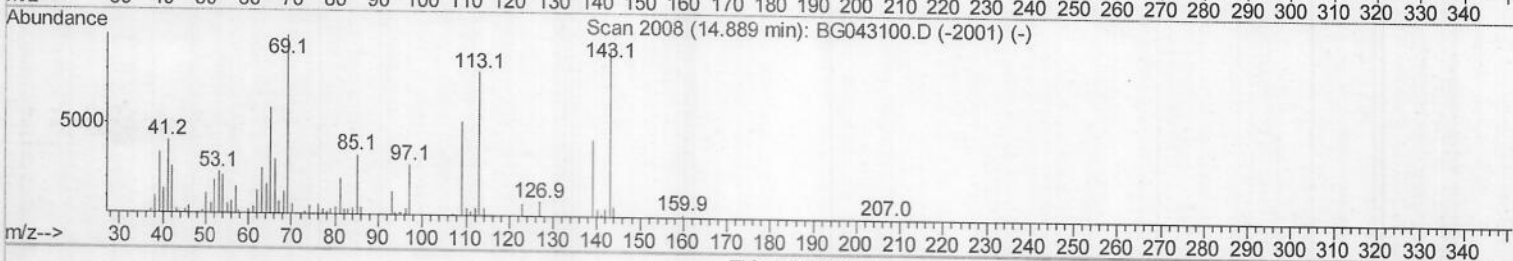
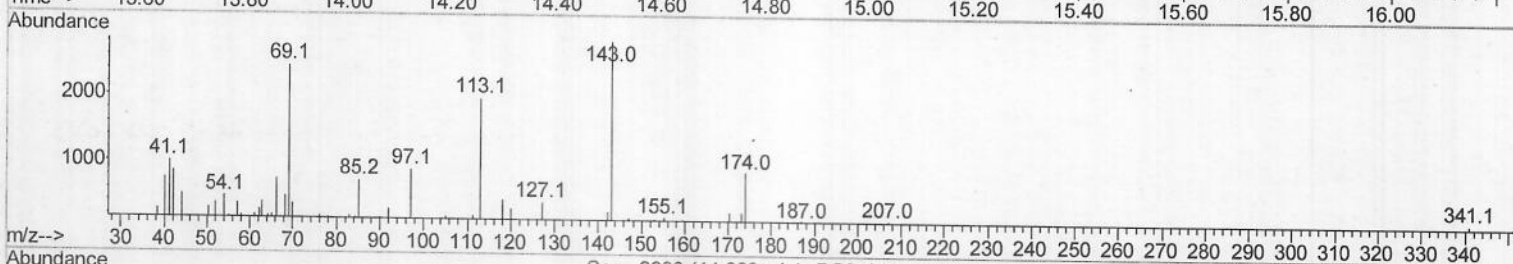
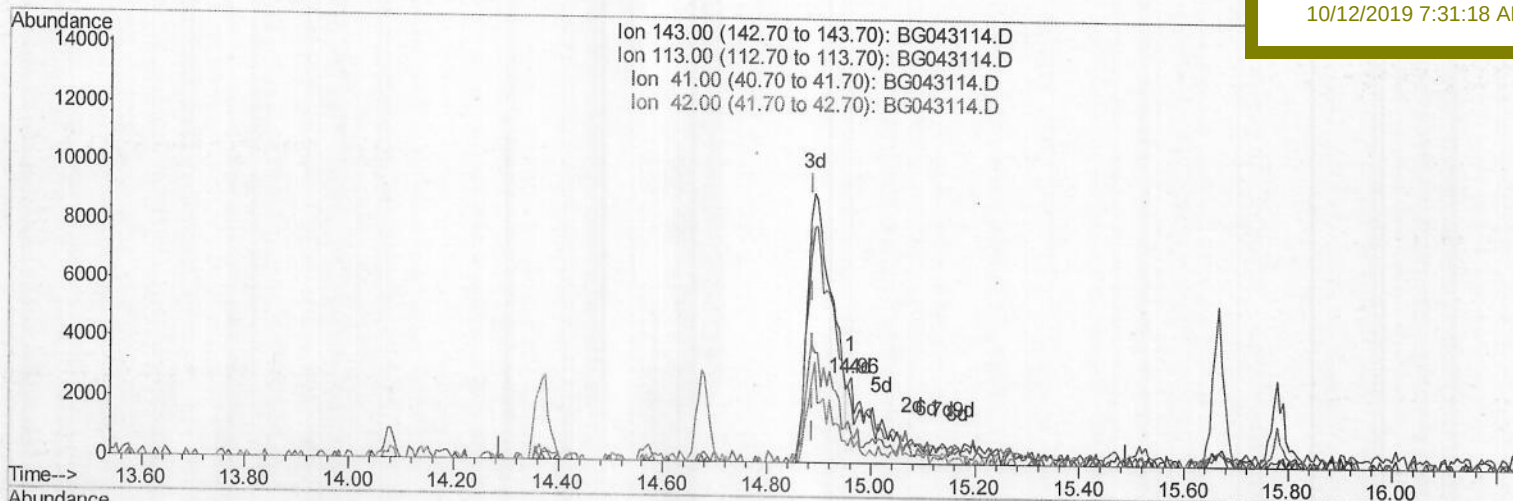
BEPPF8

Manual Integrations

APPROVED

mohammad

10/12/2019 7:31:18 AM



TIC: BG043114.D

(51) 4-Nitrophenol-d4 (S)

14.962min (+0.073) 0.65ng/ul

response 1214

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 84.80 | 69.77 |
| 41.00  | 42.80 | 35.17 |
| 42.00  | 28.10 | 30.02 |



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043114.D

Acq On : 9 Oct 2019 22:14

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 10 00:03:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

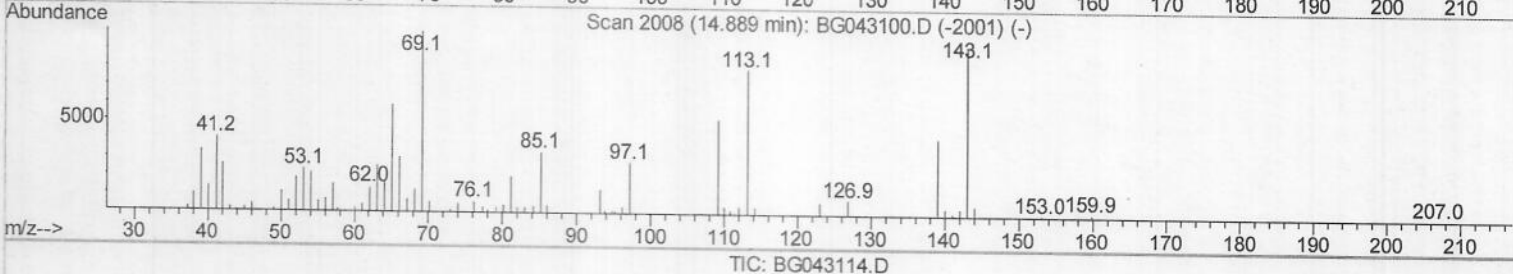
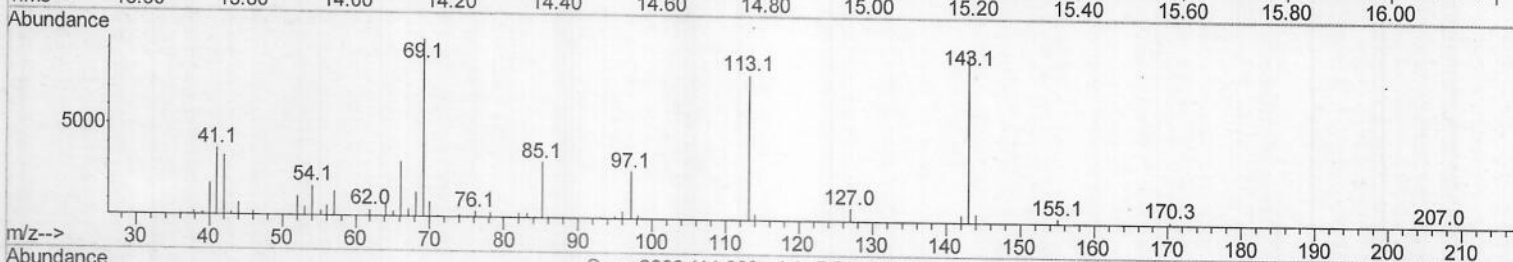
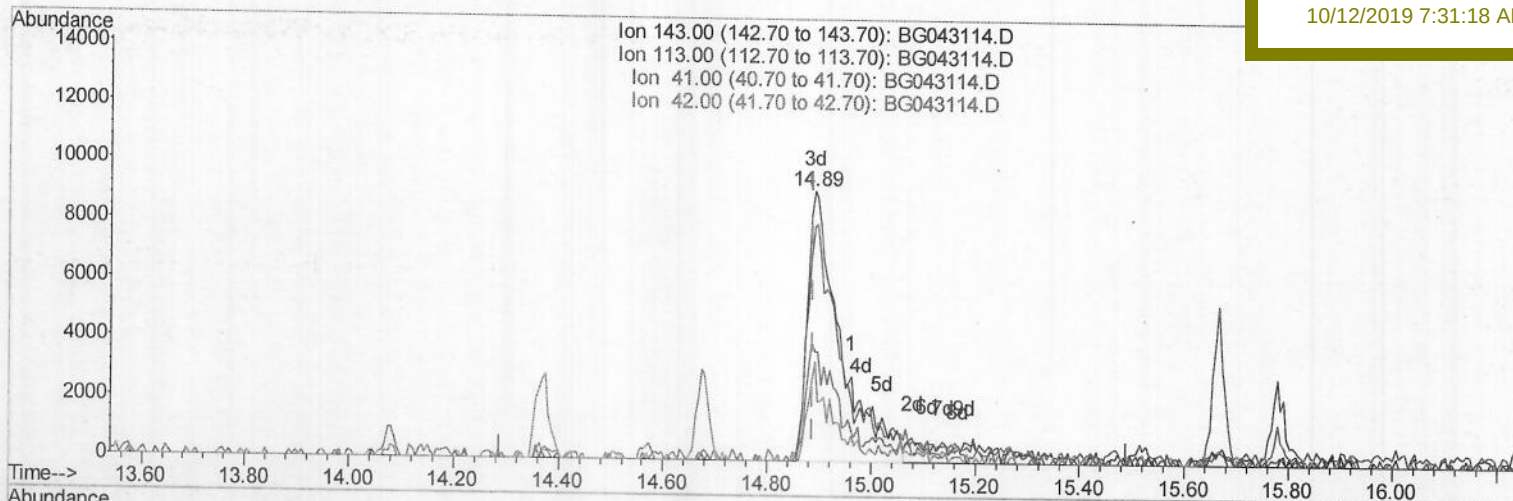
BEPF8

Manual Integrations

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TIC: BG043114.D

(51) 4-Nitrophenol-d4 (S)

14.891min (+0.002) 21.46ng/ul m

> JU 20/12/19

response 40167

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 84.80 | 86.96  |
| 41.00  | 42.80 | 40.68  |
| 42.00  | 28.10 | 36.85# |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043114.D

Acq On : 9 Oct 2019 22:14

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 10 00:03:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

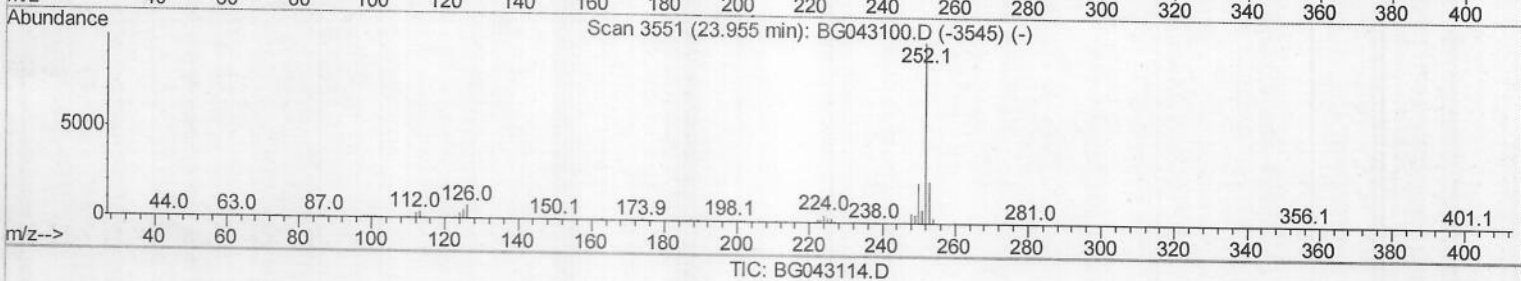
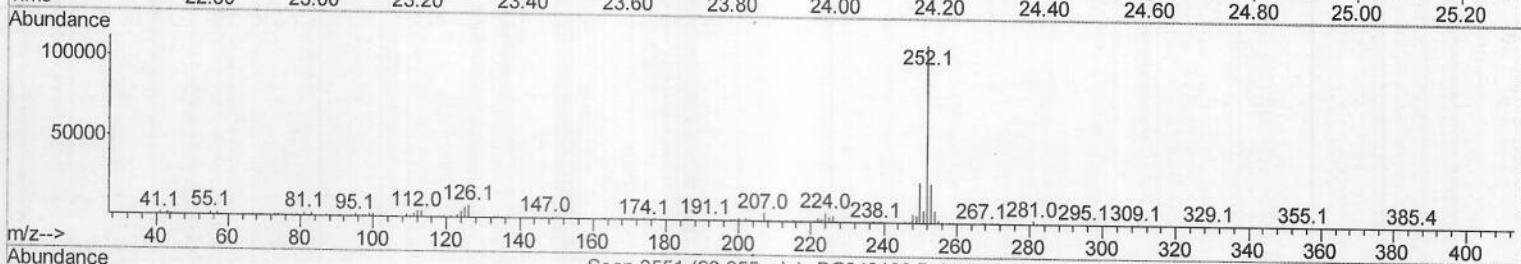
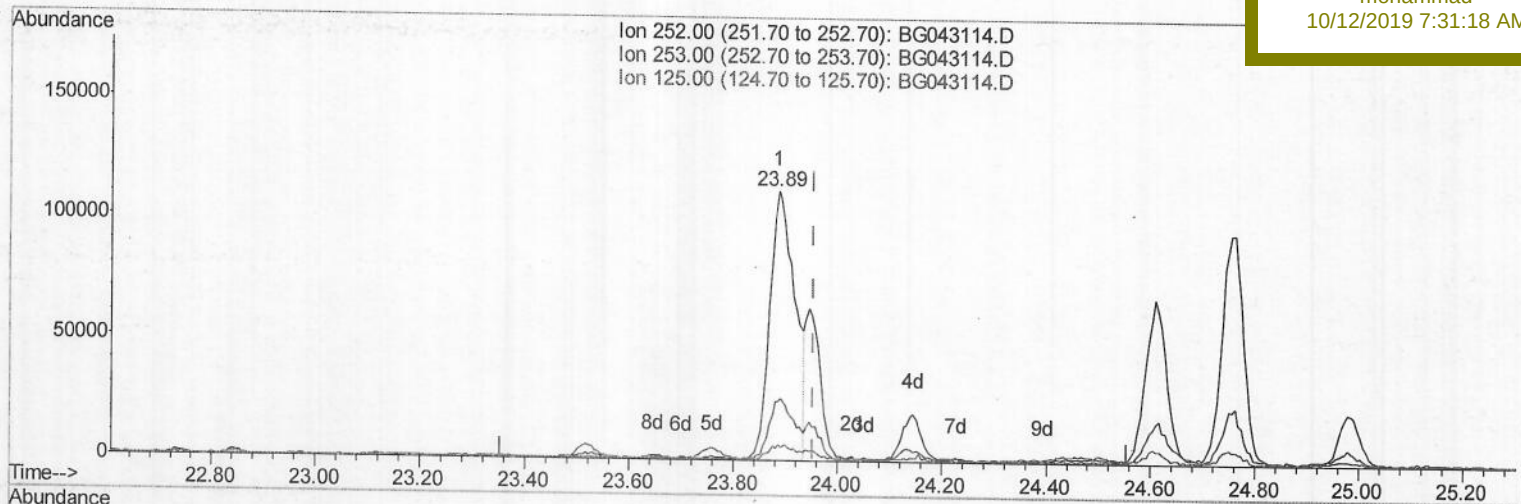
BEPF8

Manual Integrations

APPROVED

mohammad

10/12/2019 7:31:18 AM



(88) Benzo(k)fluoranthene

23.886min (-0.068) 11.32ng/ul

response 372864

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.00 | 22.17 |
| 125.00 | 5.50  | 5.76  |
| 0.00   | 0.00  | 0.00  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043114.D

Acq On : 9 Oct 2019 22:14

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 10 00:03:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

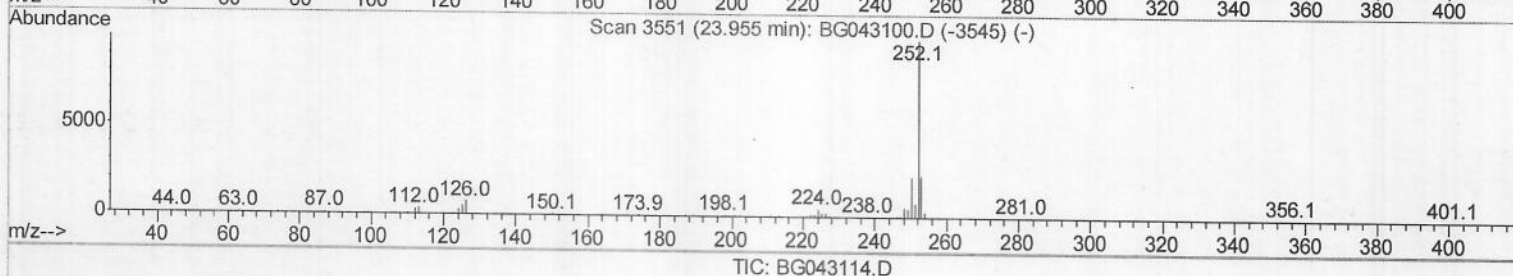
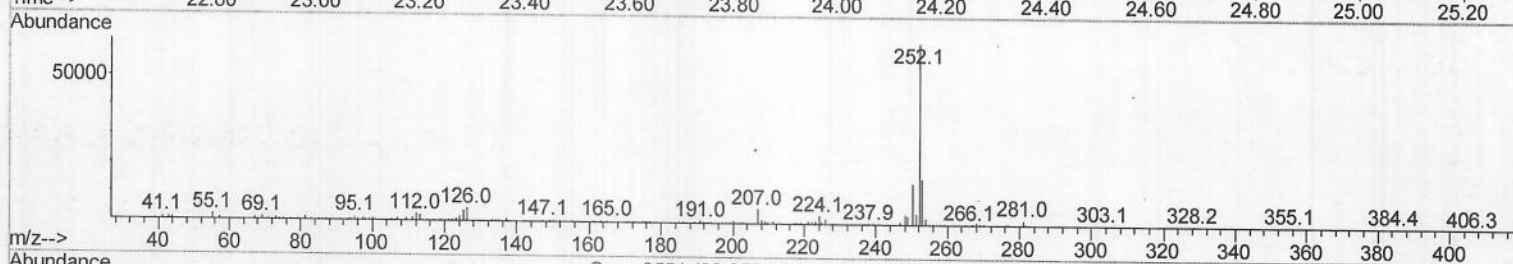
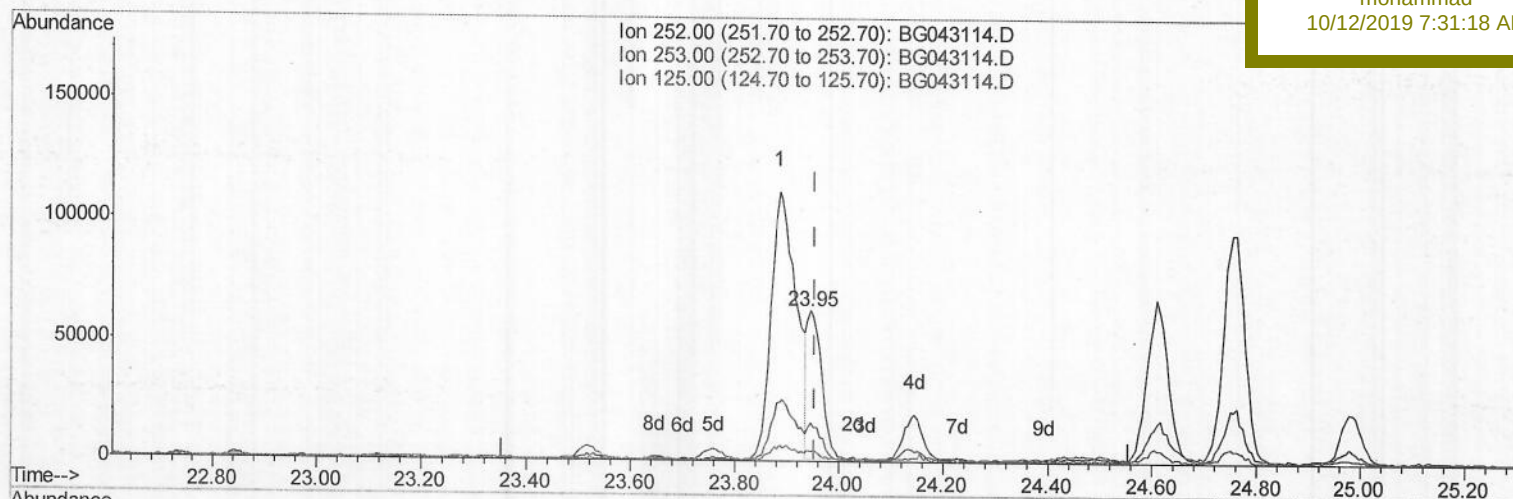
BEPF8

Manual Integrations

APPROVED

mohammad

10/12/2019 7:31:18 AM



(88) Benzo(k)fluoranthene

23.945min (-0.009) 3.72ng/ul m

response 122479

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.00 | 25.59 |
| 125.00 | 5.50  | 6.42  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\  
 Data File : BG043114.D  
 Acq On : 9 Oct 2019 22:14  
 Operator : JU  
 Sample : K5175-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sample ID :  
 BEPF8

Quant Time: Oct 10 00:41:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 09 15:33:22 2019  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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 10/12/2019 7:31:18 AM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 55970    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.86 | 136  | 237913   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.67 | 164  | 175574   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.42 | 188  | 425577   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.69 | 240  | 463116   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.91 | 264  | 566384   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.49  | 96  | 5792    | 5.00  | ng/ul | 0.00 |
| 5) Phenol-d5                   | 7.22  | 99  | 102314  | 24.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.38  | 67  | 60577   | 26.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.59  | 132 | 88982   | 26.83 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.76  | 113 | 79770   | 22.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.22  | 128 | 46066   | 27.50 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.94  | 143 | 54003   | 28.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165 | 94493   | 23.65 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.00 | 131 | 83513   | 20.08 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.08 | 166 | 393627  | 27.88 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.37 | 160 | 430108  | 28.01 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.89 | 143 | 40167m7 | 21.46 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.67 | 176 | 350404  | 29.23 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.78 | 200 | 66745   | 24.45 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.52 | 188 | 602483  | 29.97 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.80 | 212 | 740790  | 32.44 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.69 | 264 | 854918  | 30.54 | ng/ul | 0.00 |

## Target Compounds

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 6) Phenol                      | 7.25  | 94   | 15597m7  | 3.692  | ng/ul  |        |
| 44) Dimethylphthalate          | 14.12 | 163  | 152257   | 11.168 | ng/ul  | 99     |
| 69) Phenanthrene               | 17.46 | 178  | 130197   | 5.927  | ng/ul  | 99     |
| 71) Anthracene                 | 17.55 | 178  | 27673    | 1.217  | ng/ul  | 95     |
| 76) Fluoranthene               | 19.47 | 202  | 414841   | 14.802 | ng/ul  | 100    |
| 79) Pyrene                     | 19.83 | 202  | 423936   | 14.885 | ng/ul  | 99     |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 17914    | 1.671  | ng/ul  | 94     |
| 82) Benzo(a)anthracene         | 21.67 | 228  | 277026   | 8.940  | ng/ul  | 98     |
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 66948    | 4.353  | ng/ul  | 95     |
| 84) Chrysene                   | 21.74 | 228  | 294622   | 10.103 | ng/ul  | 98     |
| 87) Benzo(b)fluoranthene       | 23.89 | 252  | 372864   | 11.062 | ng/ul  | 97     |
| 88) Benzo(k)fluoranthene       | 23.95 | 252  | 122479m7 | 3.718  | ng/ul  |        |
| 90) Benzo(a)pyrene             | 24.76 | 252  | 271838   | 8.426  | ng/ul  | 98     |
| 91) Indeno(1,2,3-cd)pyrene     | 28.56 | 276  | 176347   | 4.510  | ng/ul  | 96     |
| 92) Dibenzo(a,h)anthracene     | 28.60 | 278  | 46055    | 1.388  | ng/ul  | 97     |
| 93) Benzo(a,h,i)perylene       | 29.70 | 276  | 141177   | 4.259  | ng/ul# | 93     |

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