

Data File : BN009691.D  
Acq On : 10 Feb 2020 18:36  
Operator : CG/JU  
Sample : L1324-14ME  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

mohammad  
2/12/2020 9:51:34 AM

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN021020\  
Quantitation Report (Qedit)

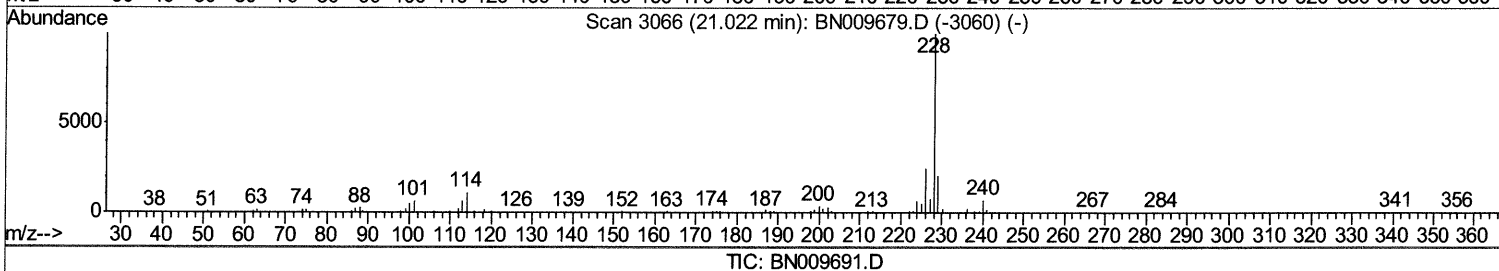
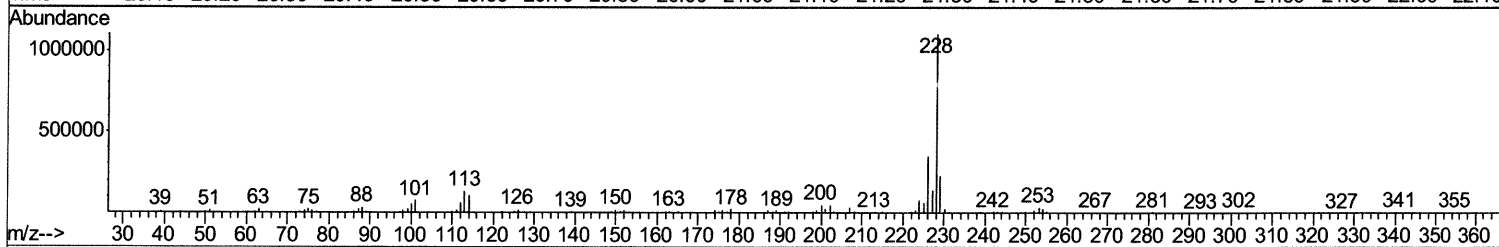
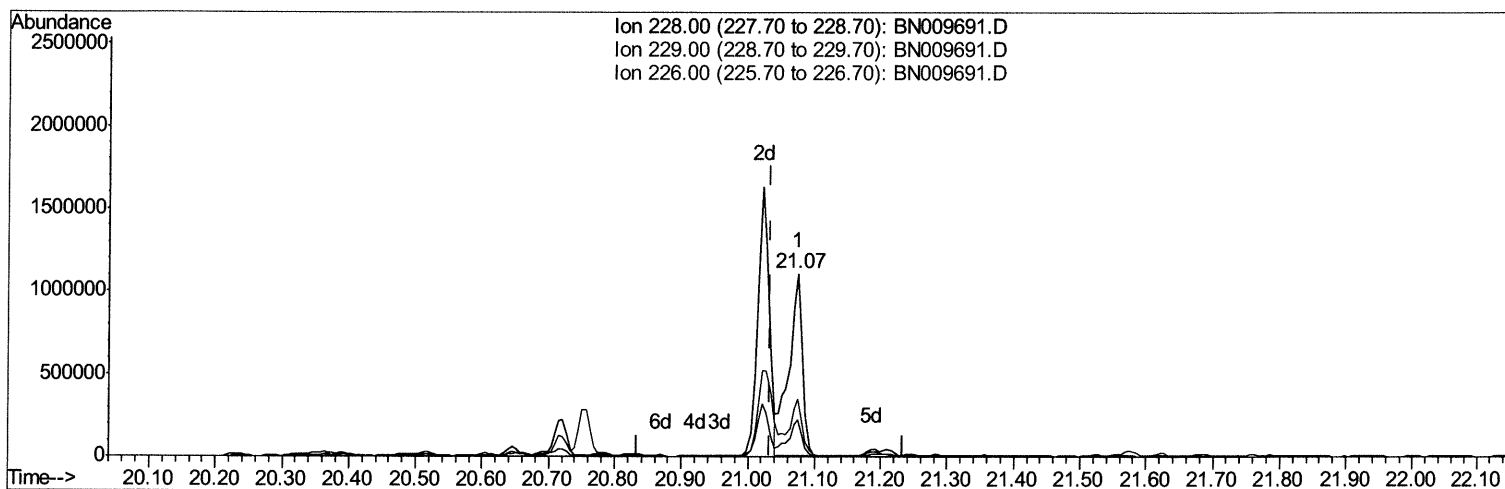
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Instrument :  
BNA\_N  
ClientSampleId :  
GAT69ME

Manual Integrations  
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2/12/2020 9:51:34 AM

Quant Time: Feb 11 01:41:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 15:21:46 2020  
Response via : Initial Calibration



(82) Benzo(a)anthracene

21.074min (+0.041) 41.22ng/ul

response 1619180

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 18.70 | 20.37 |
| 226.00 | 26.10 | 31.30 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN021020\  
Quantitation Report (Qedit)

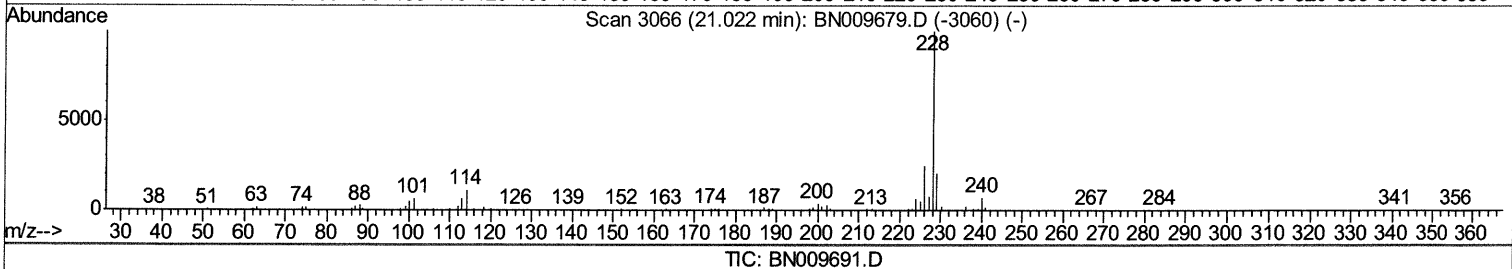
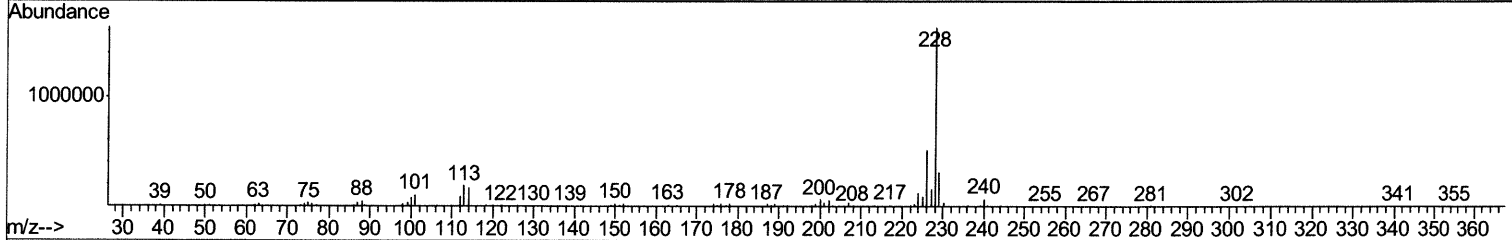
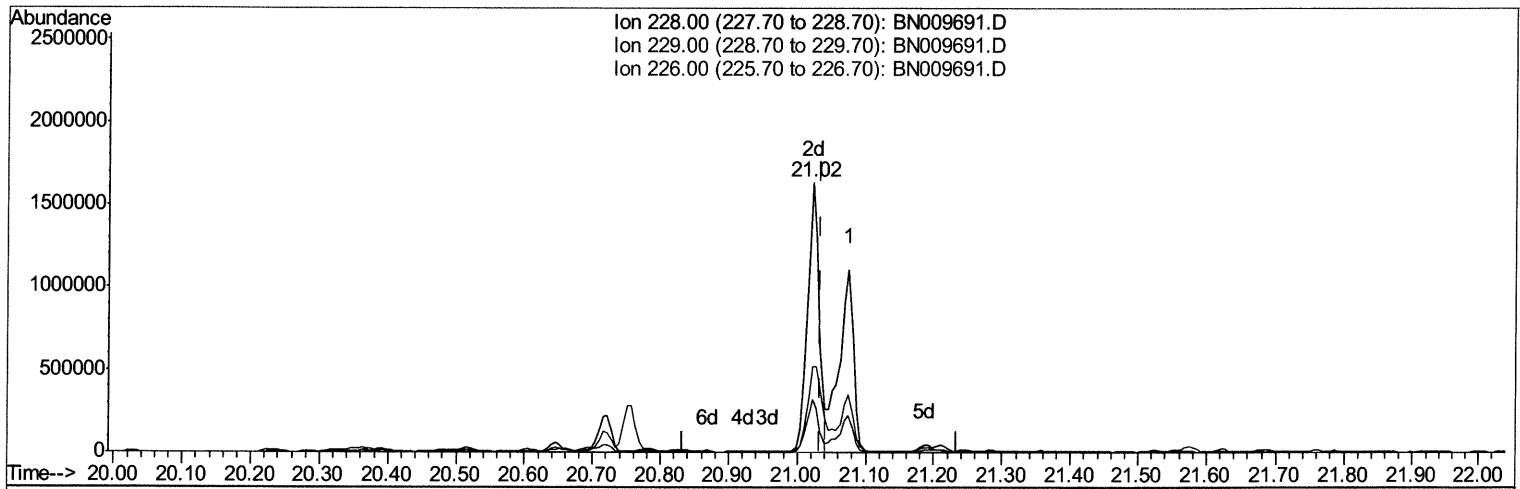
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ALS Vial : 14 Sample Multiplier: 1

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Manual Integrations  
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2/12/2020 9:51:34 AM

Quant Time: Feb 11 01:41:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 15:21:46 2020  
Response via : Initial Calibration



(82) Benzo(a)anthracene

21.021min (-0.012) 49.97ng/ul m *Ju 02/14/20*

response 1963092

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 18.70 | 19.55  |
| 226.00 | 26.10 | 31.73# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN021020\  
Quantitation Report (Qedit)

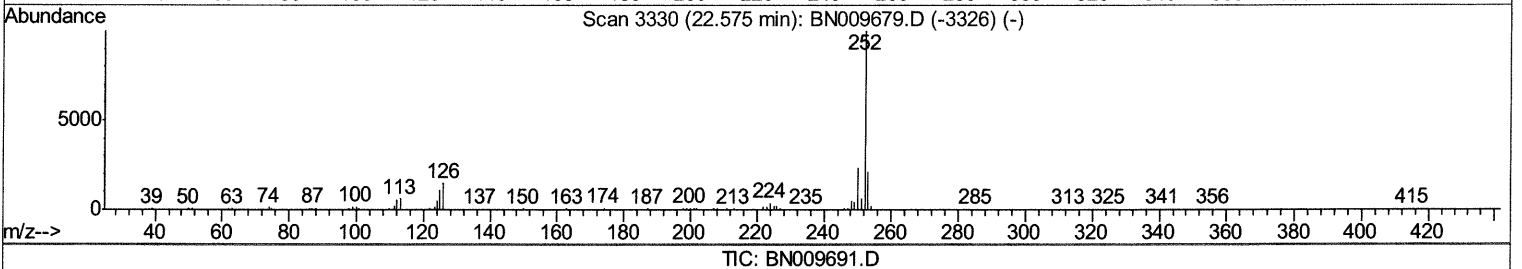
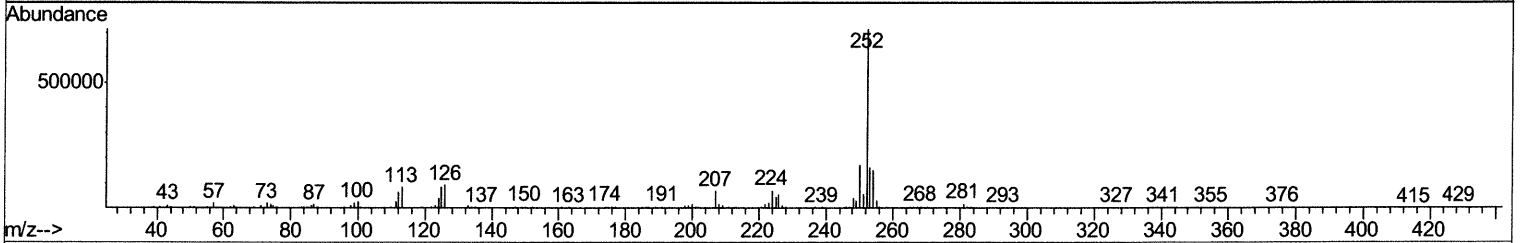
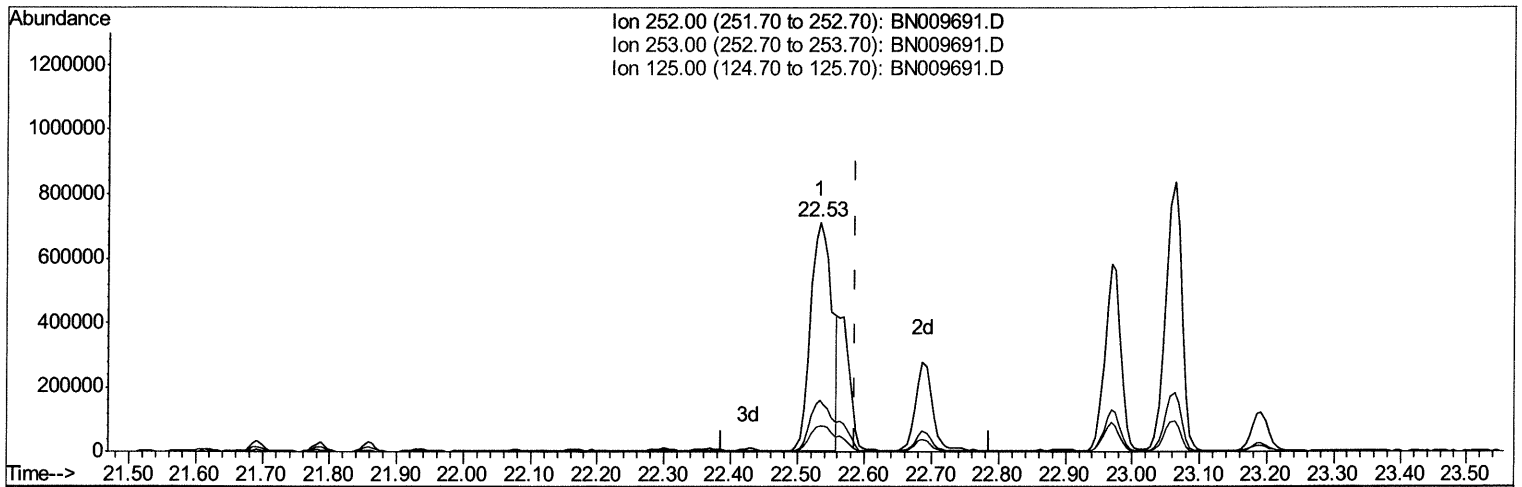
Data File : BN009691.D  
Acq On : 10 Feb 2020 18:36  
Operator : CG/JU  
Sample : L1324-14ME  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT69ME

Manual Integrations  
APPROVED

mohammad  
2/12/2020 9:51:34 AM

Quant Time: Feb 11 01:41:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 15:21:46 2020  
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.533min (-0.053) 44.49ng/ul

response 1572020

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.20 | 22.32 |
| 125.00 | 10.00 | 11.51 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN021020\  
Quantitation Report (Qedit)

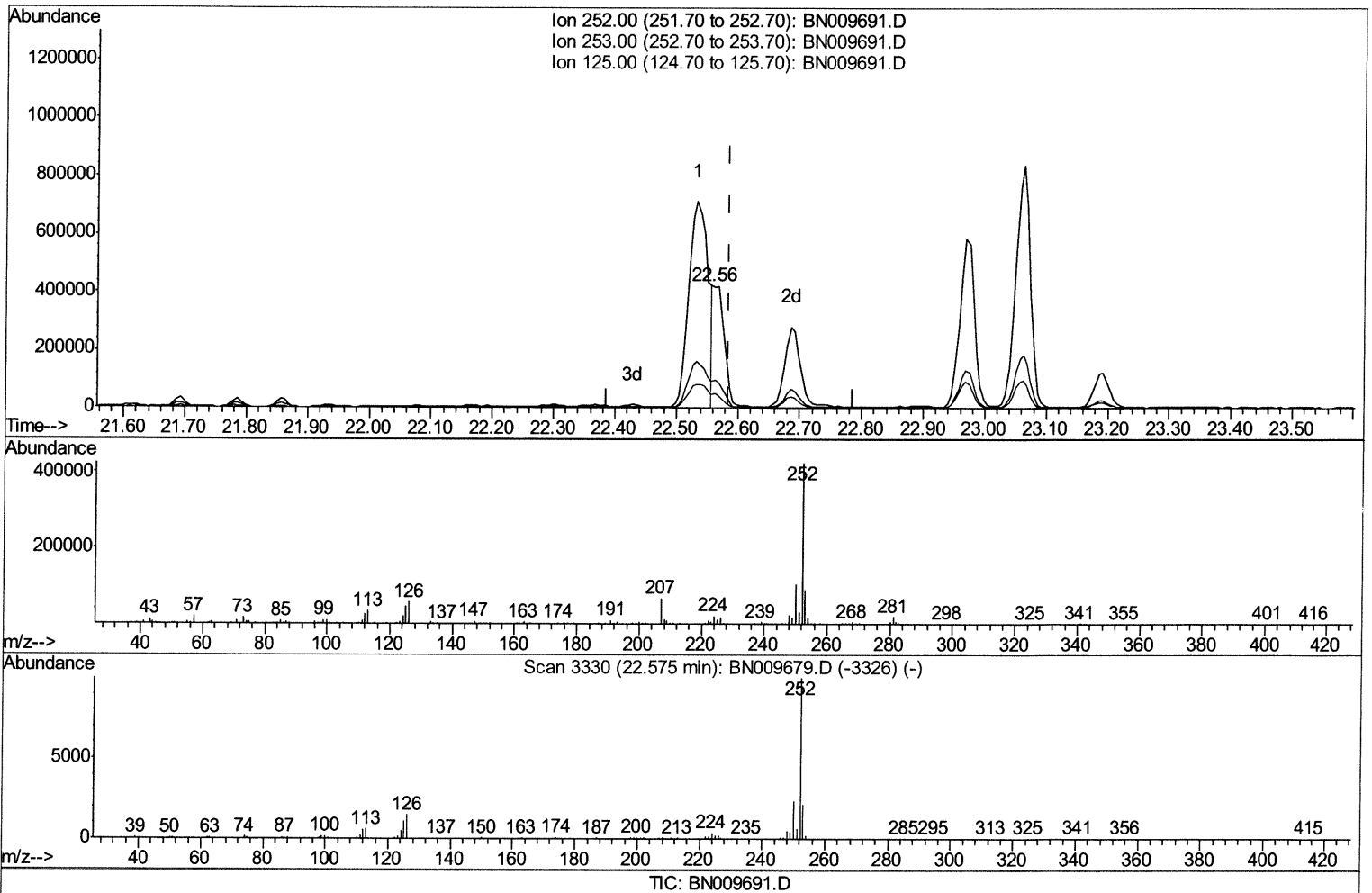
Data File : BN009691.D  
Acq On : 10 Feb 2020 18:36  
Operator : CG/JU  
Sample : L1324-14ME  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT69ME

Manual Integrations  
APPROVED

mohammad  
2/12/2020 9:51:34 AM

Quant Time: Feb 11 01:41:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 15:21:46 2020  
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.557min (-0.030) 14.17ng/ul m *JU 02/14/20*

response 500670

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.20 | 21.45 |
| 125.00 | 10.00 | 11.13 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN021020\  
Quantitation Report (QT Reviewed)

Data File : BN009691.D  
Acq On : 10 Feb 2020 18:36  
Operator : CG/JU  
Sample : L1324-14ME  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT69ME

Manual Integrations  
APPROVED

mohammad  
2/12/2020 9:51:34 AM

Quant Time: Feb 11 06:15:58 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 15:21:46 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 108133   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.17 | 136  | 469198   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.06 | 164  | 290146   | 20.00 | ng/ul | -0.01    |
| 61) Phenanthrene-d10      | 16.82 | 188  | 595683   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.04 | 240  | 568969   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.14 | 264  | 573428   | 20.00 | ng/ul | -0.02    |

#### System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 6717   | 2.55  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.63  | 99  | 174870 | 18.54 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67  | 128634 | 20.31 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 6.97  | 132 | 140416 | 20.23 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.14  | 113 | 147488 | 19.64 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.58  | 128 | 70530  | 20.21 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.29  | 143 | 74170  | 19.05 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.82  | 165 | 142039 | 19.47 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.33 | 131 | 155745 | 19.86 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.49 | 166 | 414277 | 19.56 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.75 | 160 | 560066 | 21.88 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.31 | 143 | 60127  | 15.03 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.07 | 176 | 405067 | 21.75 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 50053  | 13.45 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 16.92 | 188 | 635653 | 23.48 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.23 | 212 | 663958 | 22.20 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.02 | 264 | 661411 | 23.43 | ng/ul | -0.01 |

#### Target Compounds

|                            |       |     |          |         |        | Qvalue        |
|----------------------------|-------|-----|----------|---------|--------|---------------|
| 44) Dimethylphthalate      | 13.54 | 163 | 39381    | 1.752   | ng/ul  | 98            |
| 47) Acenaphthylene         | 13.78 | 152 | 710440   | 25.366  | ng/ul  | 99            |
| 58) Fluorene               | 15.15 | 166 | 29649    | 1.338   | ng/ul# | 45            |
| 69) Phenanthrene           | 16.86 | 178 | 109669   | 3.228   | ng/ul  | 99            |
| 71) Anthracene             | 16.96 | 178 | 372375   | 10.803  | ng/ul  | 98            |
| 76) Fluoranthene           | 18.89 | 202 | 1936378  | 49.943  | ng/ul  | 99            |
| 79) Pyrene                 | 19.26 | 202 | 5802559  | 139.704 | ng/ul  | 96            |
| 80) Butylbenzylphthalate   | 20.19 | 149 | 24453    | 1.469   | ng/ul# | 92            |
| 82) Benzo(a)anthracene     | 21.02 | 228 | 1963092m | 49.971  | ng/ul  | > Ju 02/14/20 |
| 84) Chrysene               | 21.07 | 228 | 1619647  | 41.414  | ng/ul  | 97            |
| 87) Benzo(b)fluoranthene   | 22.53 | 252 | 1572020  | 43.817  | ng/ul  | 97            |
| 88) Benzo(k)fluoranthene   | 22.56 | 252 | 500670m  | 14.170  | ng/ul  | > Ju 02/14/20 |
| 90) Benzo(a)pyrene         | 23.06 | 252 | 1387635  | 41.746  | ng/ul  | 96            |
| 91) Indeno(1,2,3-cd)pyrene | 25.21 | 276 | 668359   | 16.912  | ng/ul  | 94            |
| 92) Dibenzo(a,h)anthracene | 25.21 | 278 | 227793   | 6.848   | ng/ul# | 92            |
| 93) Benzo(g,h,i)perylene   | 25.83 | 276 | 608091   | 18.360  | ng/ul  | 94            |

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