

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN030420\  
Quantitation Report (QT Reviewed)

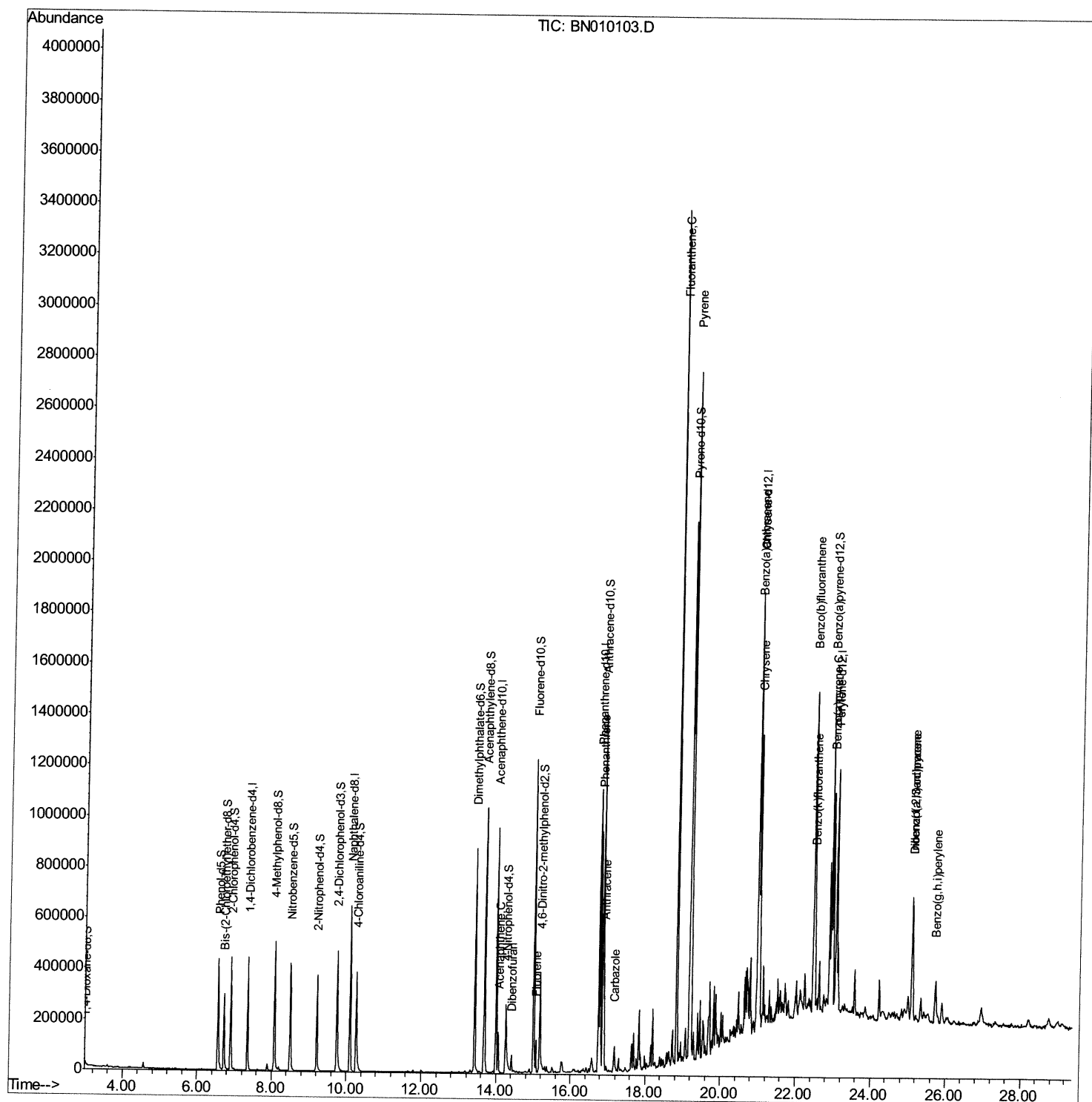
Data File : BN010103.D  
Acq On : 05 Mar 2020 06:39  
Operator : CG/JU  
Sample : L1617-20  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDT4

Manual Integrations  
APPROVED

mohammad  
3/5/2020 3:56:59 PM

Quant Time: Mar 05 08:35:02 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 04 01:30:16 2020  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN030420\  
Quantitation Report (Qedit)

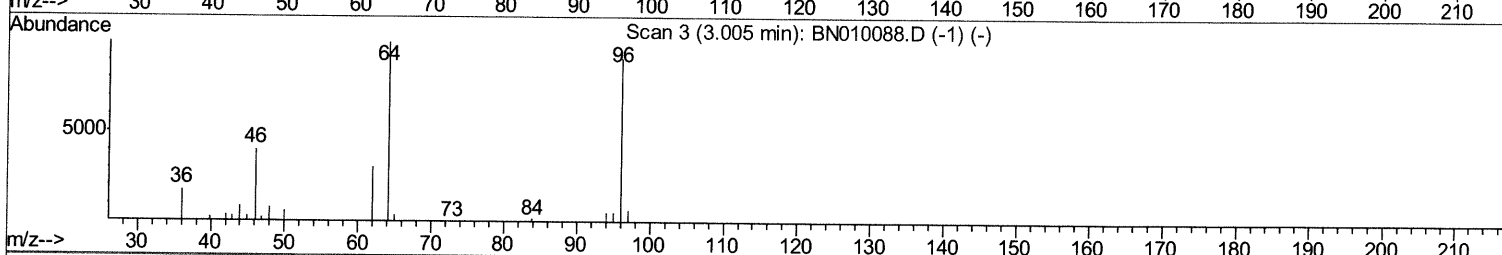
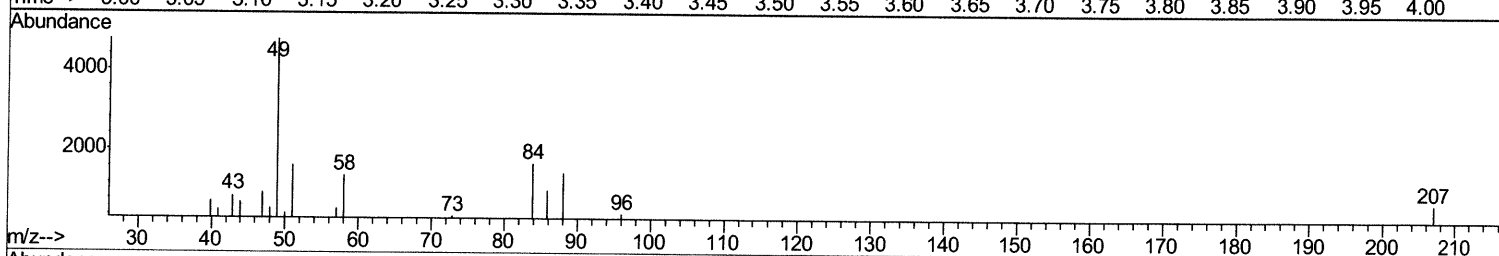
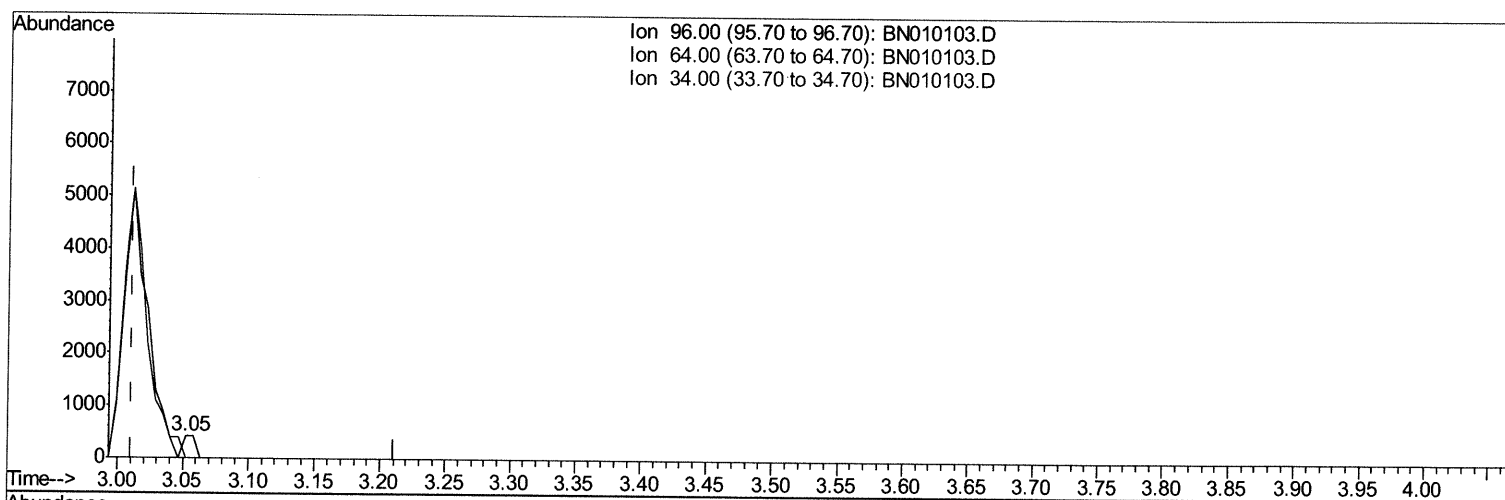
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TIC: BN010103.D

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

3.052min (+0.041) 0.11ng/uL

response 294

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 93.60 | 0.00# |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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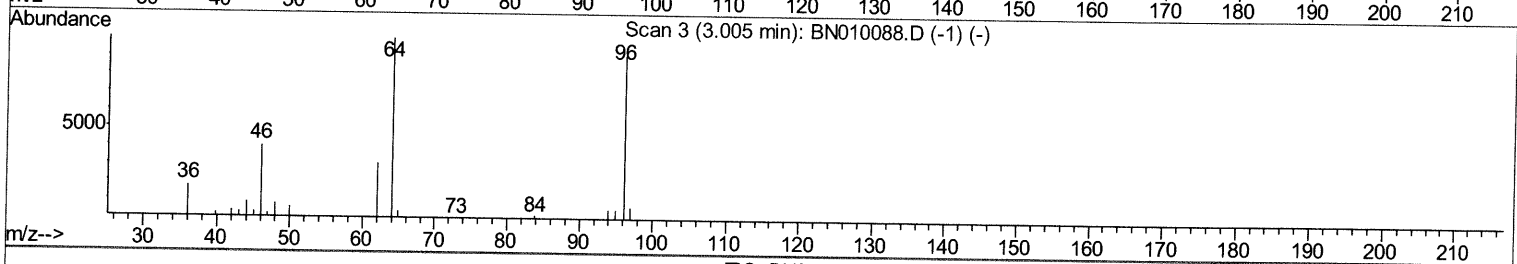
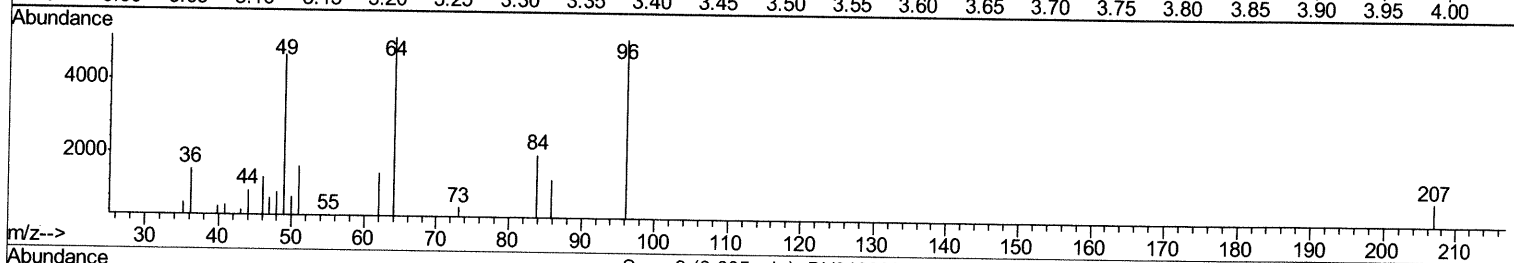
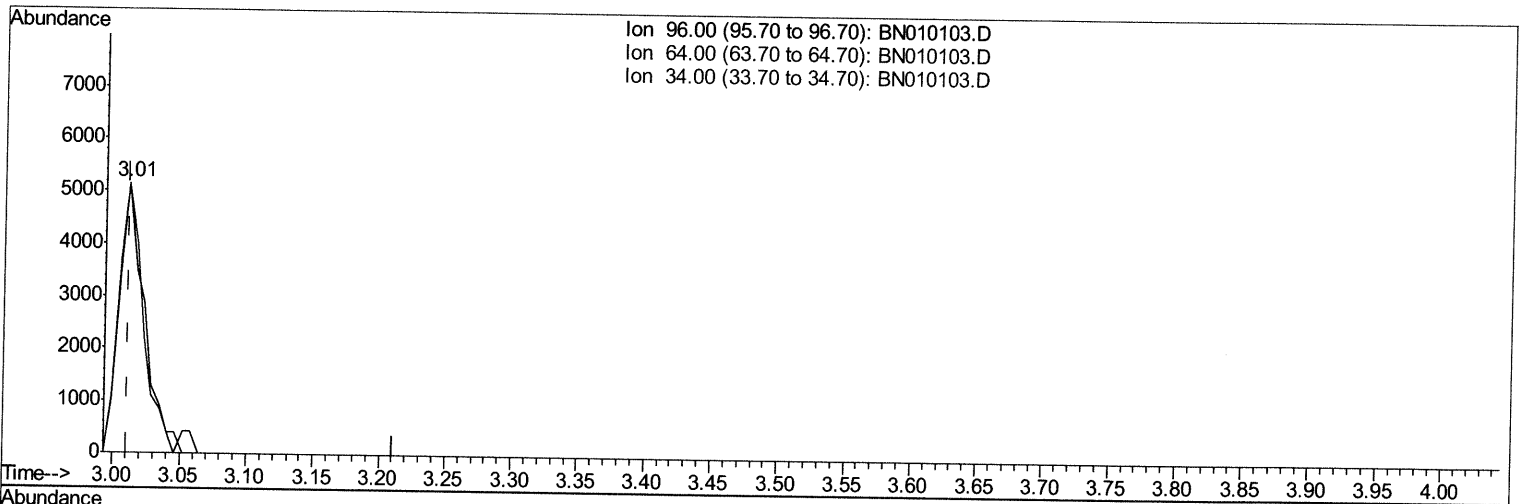
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Manual Integrations  
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TIC: BN010103.D

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

3.011min (+0.000) 2.55ng/uL m *Ju03/05/20*

response 6659

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 93.60 | 99.79 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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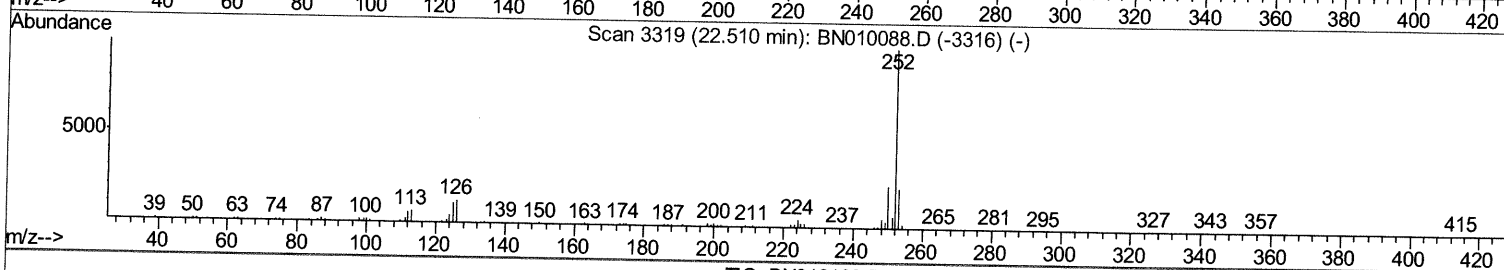
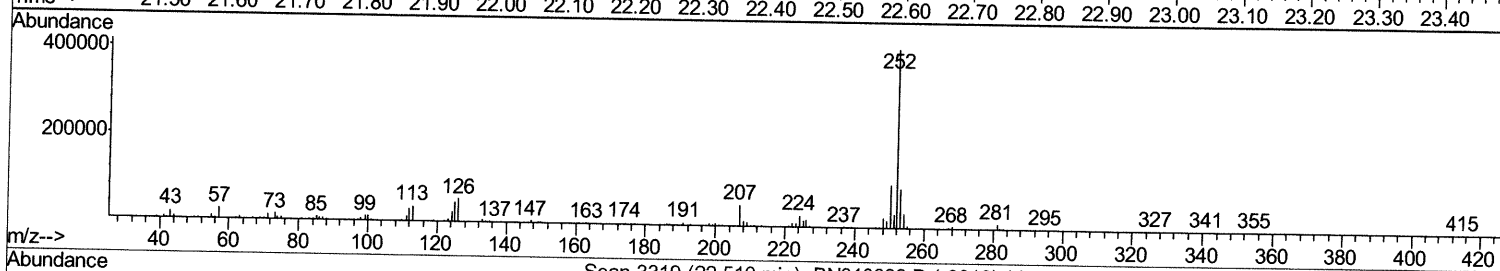
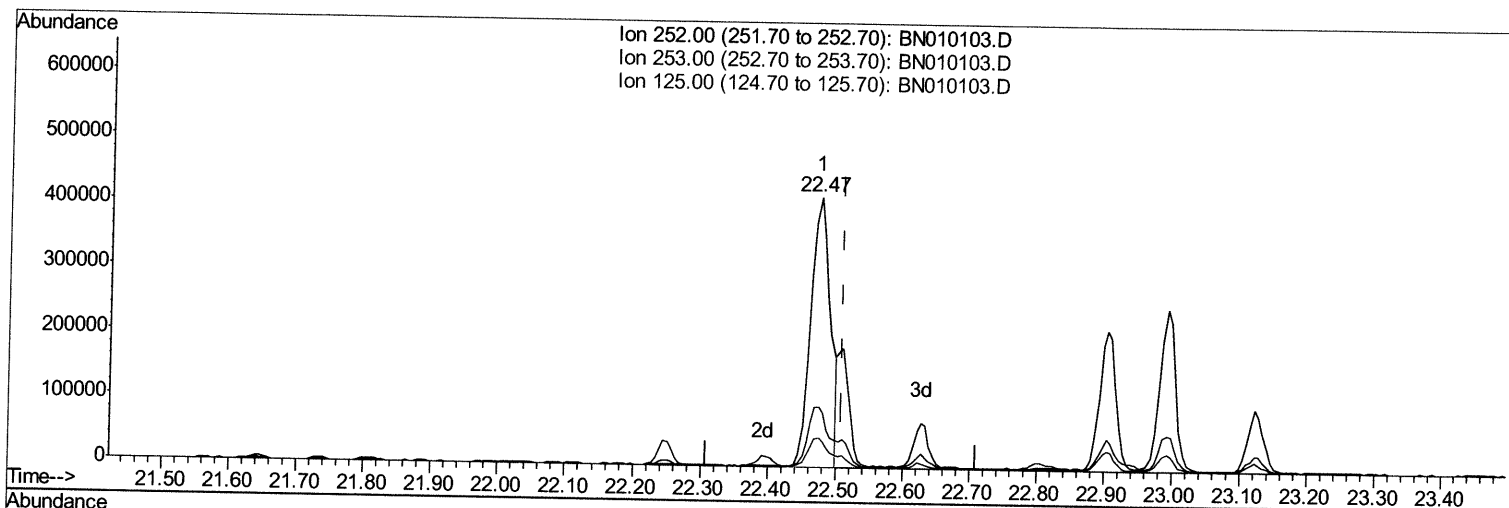
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Misc :  
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Manual Integrations  
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TIC: BN010103.D

(89) Benzo(k)fluoranthene

22.474min (-0.035) 22.73ng/ul

response 817422

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.50 | 22.23 |
| 125.00 | 10.20 | 11.13 |
| 0.00   | 0.00  | 0.00  |

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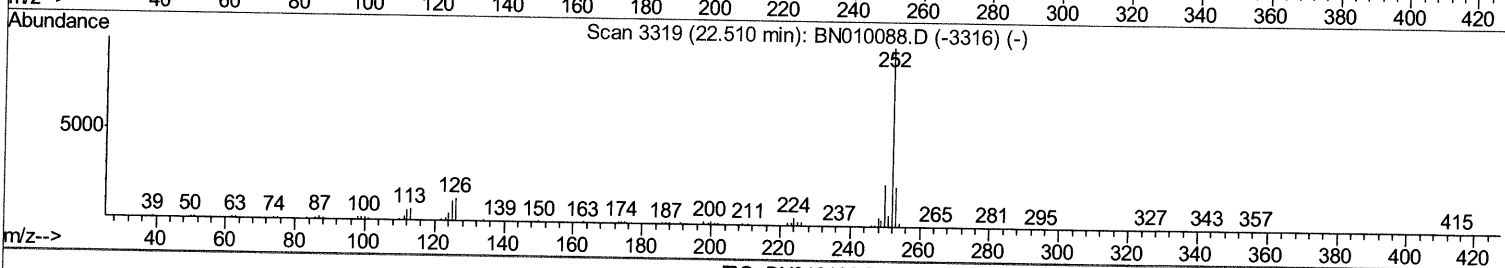
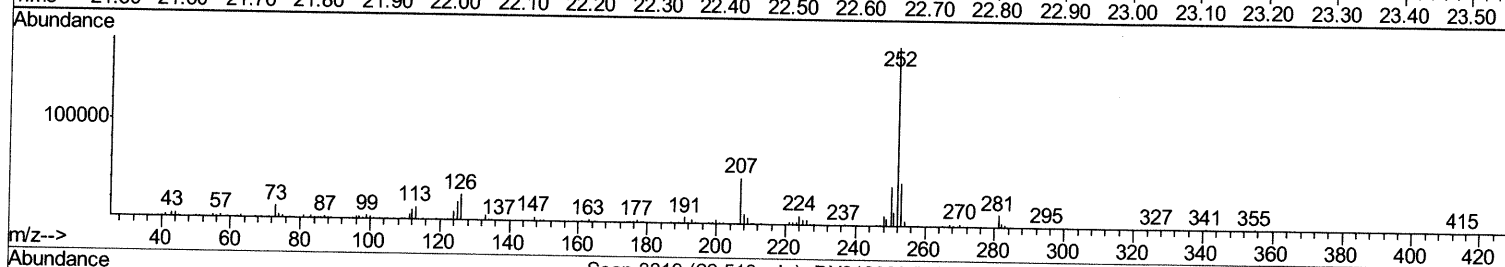
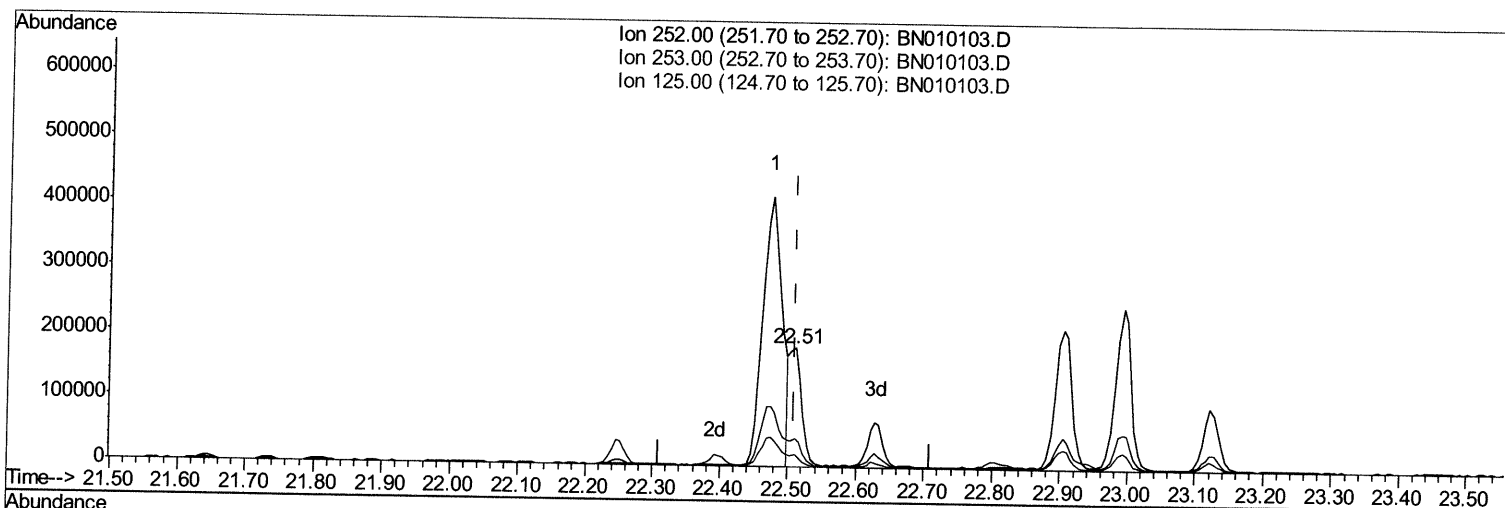
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Sample : L1617-20  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Manual Integrations  
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TIC: BN010103.D

(89) Benzo(k)fluoranthene

22.510min (+0.000) 6.13ng/ul m 2403/65/20

response 220366

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.50 | 23.82 |
| 125.00 | 10.20 | 10.49 |
| 0.00   | 0.00  | 0.00  |

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Operator : CG/JU  
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Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDT4

Manual Integrations  
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3/5/2020 3:56:59 PM

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.35  | 152  | 107463   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.10 | 136  | 453382   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.00 | 164  | 293226   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.76 | 188  | 601740   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 20.99 | 240  | 558464   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.08 | 264  | 585778   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |            |
|--------------------------------|-------|-----|--------|-------|-------|------|------------|
| 3) 1,4-Dioxane-d8              | 3.01  | 96  | 6659m  | 2.55  | ng/uL | 0.00 | Ju03/05/20 |
| 5) Phenol-d5                   | 6.56  | 99  | 213633 | 23.37 | ng/ul | 0.00 |            |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.72  | 67  | 149097 | 23.64 | ng/ul | 0.00 |            |
| 9) 2-Chlorophenol-d4           | 6.90  | 132 | 167066 | 24.28 | ng/ul | 0.00 |            |
| 13) 4-Methylphenol-d8          | 8.08  | 113 | 178232 | 24.51 | ng/ul | 0.00 |            |
| 19) Nitrobenzene-d5            | 8.50  | 128 | 83587  | 25.20 | ng/ul | 0.00 |            |
| 22) 2-Nitrophenol-d4           | 9.22  | 143 | 96943  | 26.71 | ng/ul | 0.00 |            |
| 26) 2,4-Dichlorophenol-d3      | 9.75  | 165 | 169866 | 24.35 | ng/ul | 0.00 |            |
| 29) 4-Chloroaniline-d4         | 10.26 | 131 | 230017 | 29.35 | ng/ul | 0.00 |            |
| 44) Dimethylphthalate-d6       | 13.43 | 166 | 530867 | 24.24 | ng/ul | 0.00 |            |
| 47) Acenaphthylene-d8          | 13.69 | 160 | 664297 | 25.75 | ng/ul | 0.00 |            |
| 52) 4-Nitrophenol-d4           | 14.26 | 143 | 68565  | 17.14 | ng/ul | 0.00 |            |
| 58) Fluorene-d10               | 15.00 | 176 | 465983 | 24.64 | ng/ul | 0.00 |            |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 75802  | 20.28 | ng/ul | 0.00 |            |
| 71) Anthracene-d10             | 16.86 | 188 | 698966 | 25.34 | ng/ul | 0.00 |            |
| 79) Pyrene-d10                 | 19.17 | 212 | 753287 | 25.81 | ng/ul | 0.00 |            |
| 90) Benzo(a)pyrene-d12         | 22.95 | 264 | 724960 | 24.78 | ng/ul | 0.00 |            |

Target Compounds

| target Compounds |                        |       |     | Qvalue  |              |    |
|------------------|------------------------|-------|-----|---------|--------------|----|
| 50)              | Acenaphthene           | 14.06 | 153 | 56727   | 2.964 ng/ul  | 98 |
| 54)              | Dibenzofuran           | 14.41 | 168 | 36532   | 1.360 ng/ul  | 94 |
| 59)              | Fluorene               | 15.06 | 166 | 53216   | 2.360 ng/ul  | 93 |
| 70)              | Phenanthrene           | 16.80 | 178 | 521256  | 15.179 ng/ul | 98 |
| 72)              | Anthracene             | 16.90 | 178 | 254947  | 7.262 ng/ul  | 99 |
| 75)              | Carbazole              | 17.18 | 167 | 52395   | 1.695 ng/ul  | 98 |
| 77)              | Fluoranthene           | 18.84 | 202 | 1873612 | 46.577 ng/ul | 98 |
| 80)              | Pyrene                 | 19.20 | 202 | 1549132 | 38.476 ng/ul | 96 |
| 83)              | Benzo(a)anthracene     | 20.97 | 228 | 498652  | 12.993 ng/ul | 97 |
| 85)              | Chrysene               | 21.02 | 228 | 680745  | 18.017 ng/ul | 98 |
| 88)              | Benzo(b)fluoranthene   | 22.47 | 252 | 817422  | 21.523 ng/ul | 98 |
| 89)              | Benzo(k)fluoranthene   | 22.51 | 252 | 220366m | 6.128 ng/ul  | 98 |
| 91)              | Benzo(a)pyrene         | 22.99 | 252 | 399775  | 11.703 ng/ul | 99 |
| 92)              | Indeno(1,2,3-cd)pyrene | 25.11 | 276 | 242786  | 5.986 ng/ul  | 96 |
| 93)              | Dibenzo(a,h)anthracene | 25.10 | 278 | 63802   | 1.839 ng/ul# | 78 |
| 94)              | Benzo(g,h,i)perylene   | 25.73 | 276 | 158327  | 4.656 ng/ul  | 99 |

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