

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\  
 Data File : BG048255.D  
 Acq On : 21 Feb 2021 4:13  
 Operator : CG/JU  
 Sample : M1415-11  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBH25

Manual Integrations  
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Quant Time: Feb 21 05:03:22 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG021321MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Feb 21 04:02:33 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 43864    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 172651   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.74 | 164  | 122509   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.49 | 188  | 276510   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.77 | 240  | 275907   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.07 | 264  | 275099   | 20.00 | ng/ul | 0.03     |

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds    |       |     |        |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 2089   | 1.98  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 69400  | 18.78 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.44  | 67  | 41414  | 18.81 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.66  | 132 | 48502  | 18.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 53277  | 18.37 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 25099  | 19.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 29586  | 18.97 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.57 | 165 | 57962  | 18.97 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 27927  | 9.25  | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 14.15 | 166 | 181661 | 20.02 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.44 | 160 | 223857 | 20.18 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.00 | 143 | 25518  | 16.55 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.73 | 176 | 163887 | 20.25 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.87 | 200 | 30933  | 18.25 | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.59 | 188 | 252566 | 21.30 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.87 | 212 | 286221 | 20.77 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 24.85 | 264 | 286025 | 20.38 | ng/ul | 0.03 |

|                          |       |     |        |        |        |    |
|--------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds         |       |     |        | Ovalue |        |    |
| 4) Benzaldehyde          | 7.25  | 77  | 3832m  | 1.764  | ng/ul  |    |
| 6) Phenol                | 7.34  | 94  | 9464   | 2.480  | ng/ul  | 94 |
| 45) Dimethylphthalate    | 14.19 | 163 | 27618  | 2.944  | ng/ul  | 97 |
| 85) Chrysene             | 21.82 | 228 | 18090m | 1.098  | ng/ul  |    |
| 88) Benzo(b)fluoranthene | 24.02 | 252 | 28949  | 1.676  | ng/ul# | 85 |
| 91) Benzo(a)pyrene       | 24.92 | 252 | 15280  | 1.005  | ng/ul# | 72 |

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

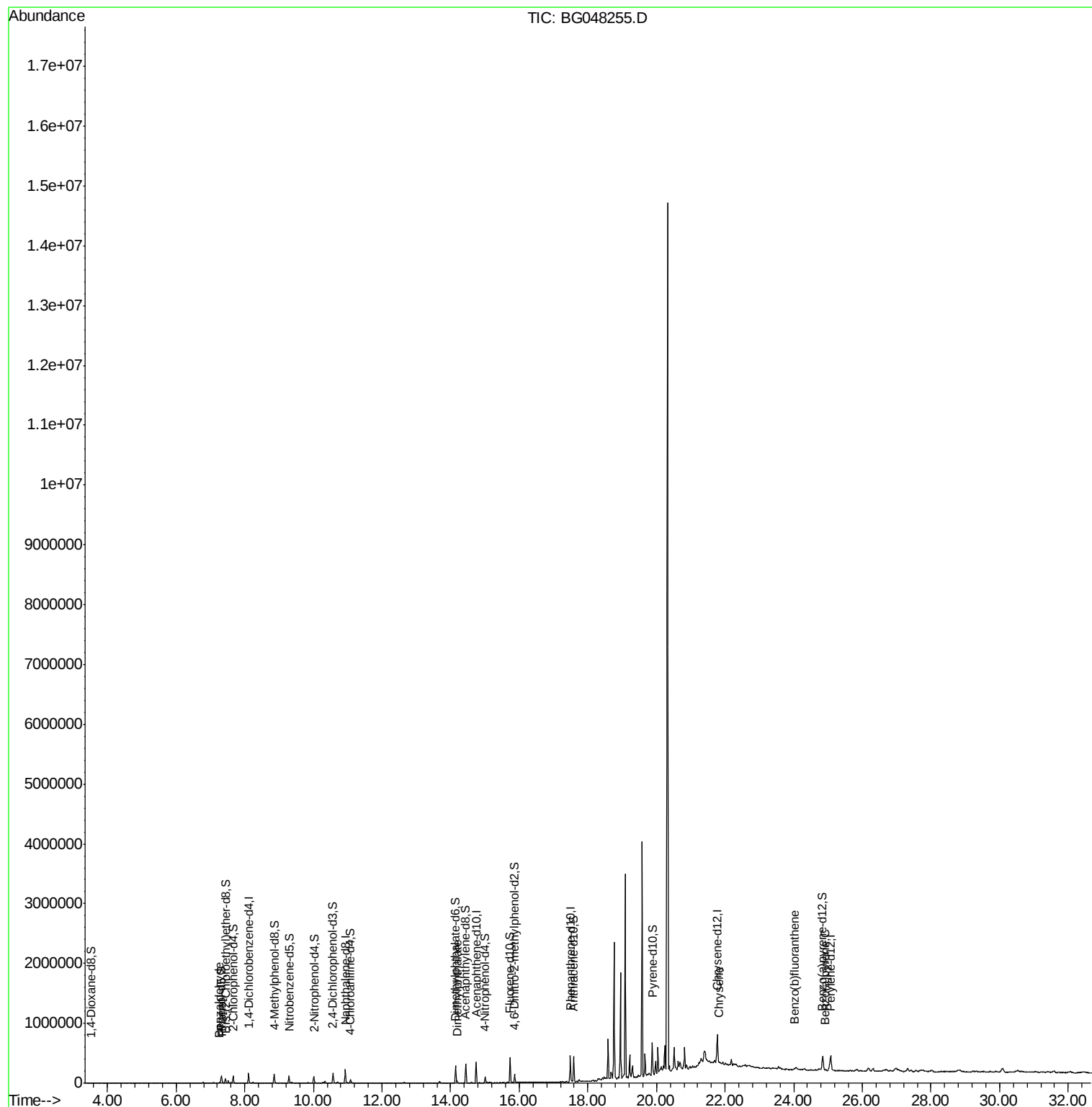
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\  
Data File : BG048255.D  
Acq On : 21 Feb 2021 4:13  
Operator : CG/JU  
Sample : M1415-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

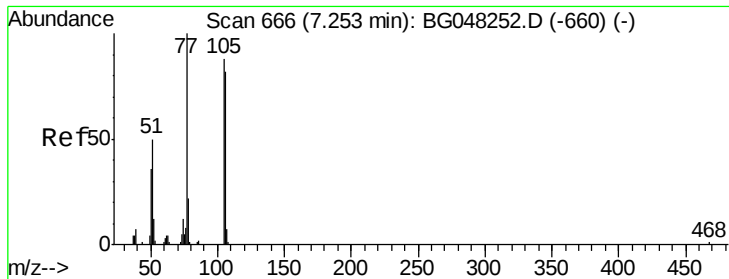
Instrument :  
BNA\_G  
ClientSampleId :  
DBH25

Quant Time: Feb 21 05:03:22 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG021321MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Feb 21 04:02:33 2021  
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.764 ng/ul m

RT: 7.25 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG048255.D

Acq: 21 Feb 2021 4:13

Instrument :

BNA\_G

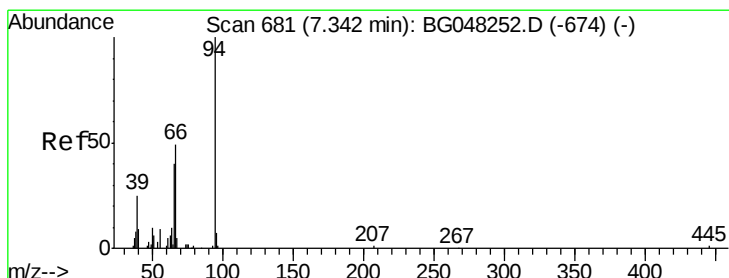
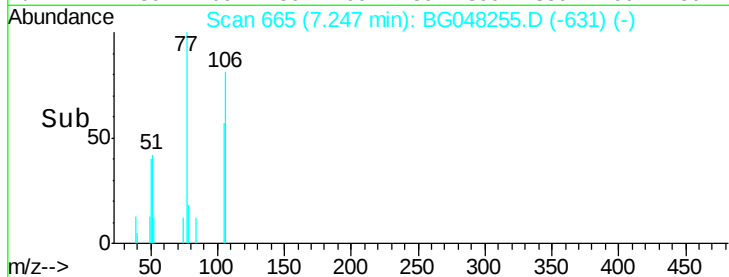
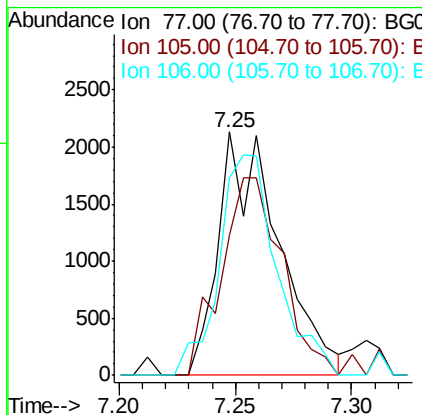
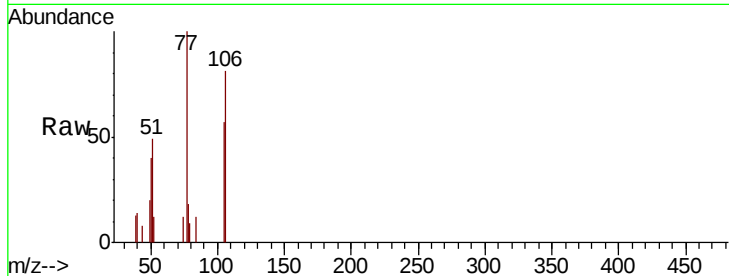
ClientSampled :

DBH25

Tot Ion: 77 Resp: 3832  
 Ion Ratio Lower Upper  
 77 100  
 105 57.4 70.6 105.8#  
 106 81.2 64.4 96.6

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#6

Phenol

Concen: 2.480 ng/ul

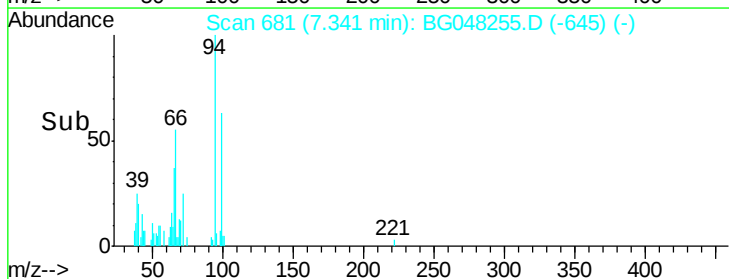
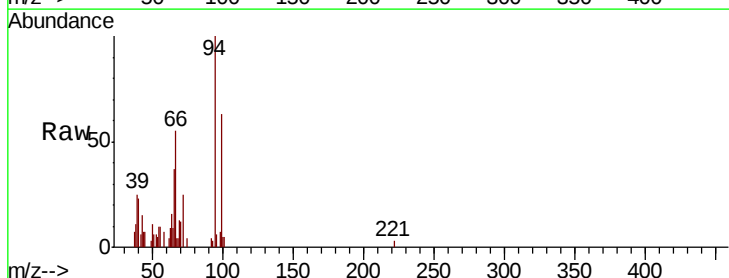
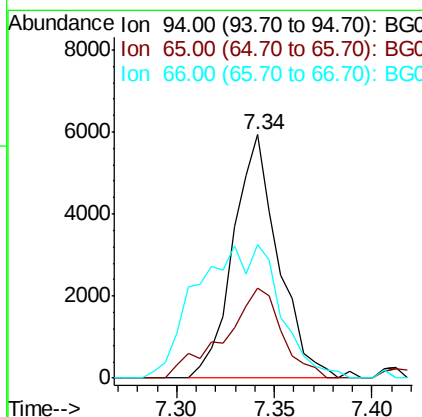
RT: 7.34 min Scan# 681

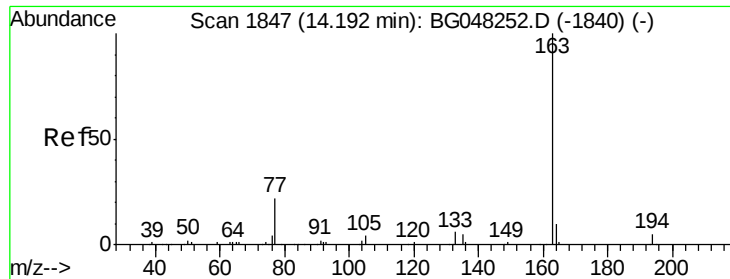
Delta R.T. 0.01 min

Lab File: BG048255.D

Acq: 21 Feb 2021 4:13

Tgt Ion: 94 Resp: 9464  
 Ion Ratio Lower Upper  
 94 100  
 65 37.0 27.1 40.7  
 66 54.7 40.1 60.1





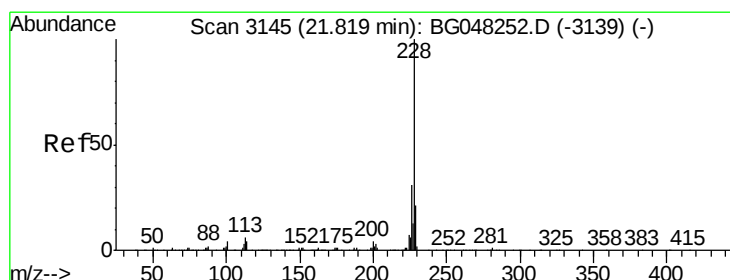
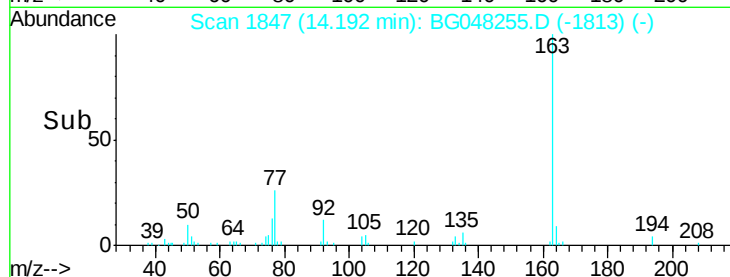
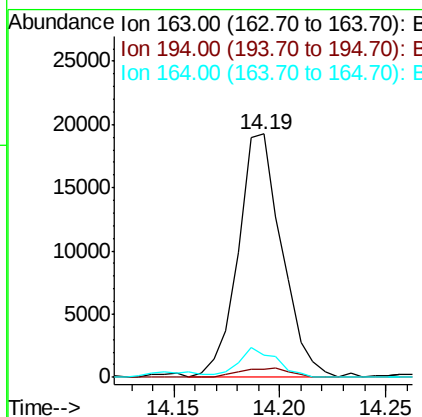
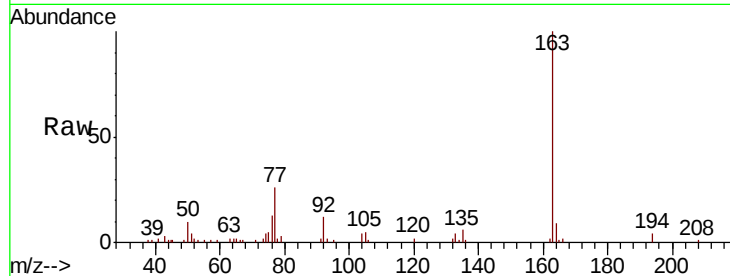
#45  
Dimethylphthalate  
Concen: 2.944 ng/ul  
RT: 14.19 min Scan# 1847  
Delta R.T. 0.00 min  
Lab File: BG048255.D  
Acq: 21 Feb 2021 4:13

Instrument :  
BNA\_G  
ClientSampleId :  
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| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 27618 |       |       |
| 194     | 3.5   |       | 3.3   | 4.9   |
| 164     | 8.9   |       | 8.3   | 12.5  |

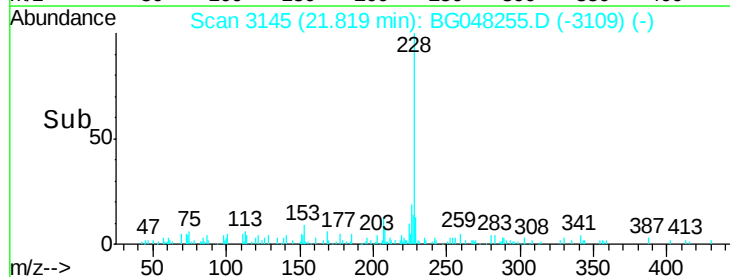
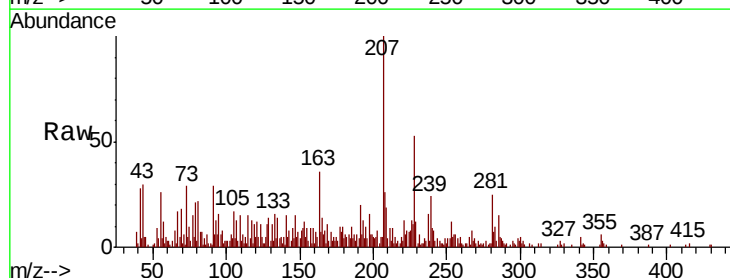
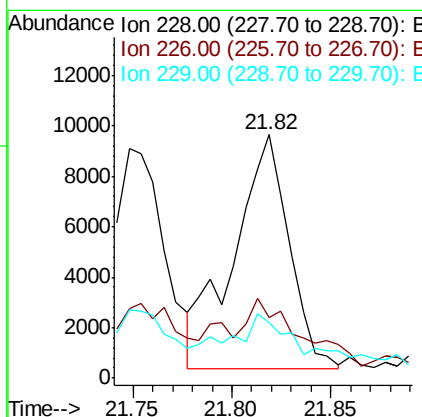
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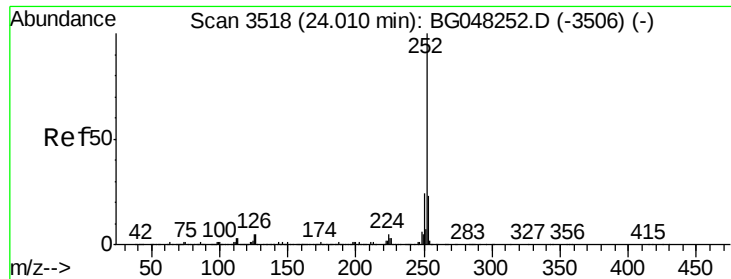
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#85  
Chrysene  
Concen: 1.098 ng/ul m  
RT: 21.82 min Scan# 3145  
Delta R.T. 0.01 min  
Lab File: BG048255.D  
Acq: 21 Feb 2021 4:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 228     | 100   | 18090 |       |       |
| 226     | 24.9  |       | 23.8  | 35.6  |
| 229     | 22.5  |       | 15.4  | 23.0  |





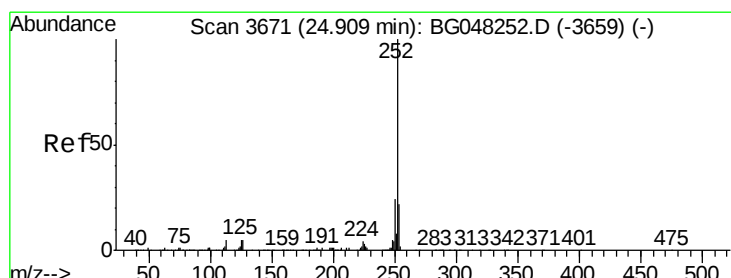
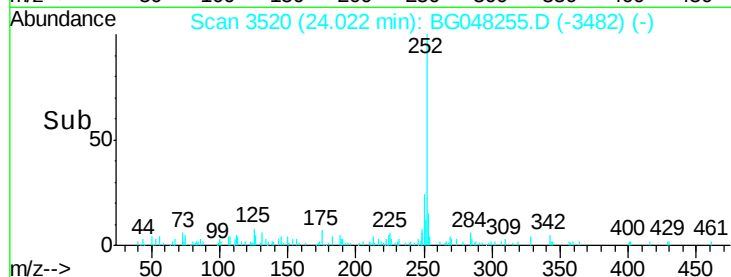
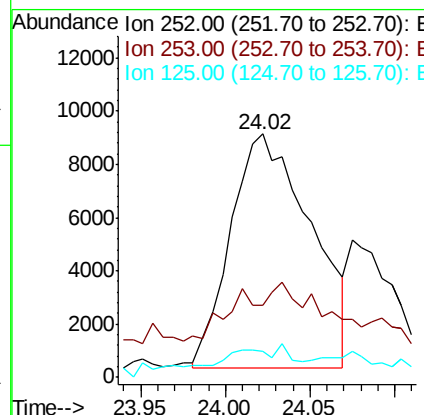
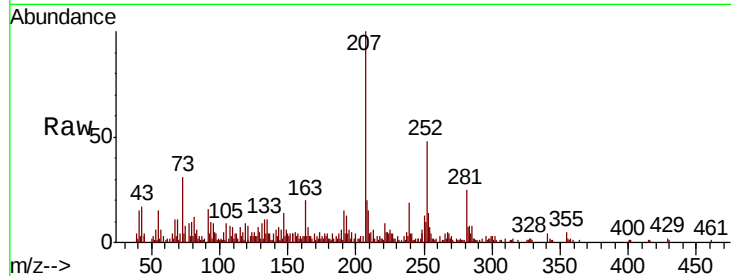
#88  
Benzo(b)fluoranthene  
Concen: 1.676 ng/uL  
RT: 24.02 min Scan# 3520  
Delta R.T. 0.03 min  
Lab File: BG048255.D  
Acq: 21 Feb 2021 4:13

Instrument :  
BNA\_G  
ClientSampleId :  
DBH25

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 29.8  | 18.4  | 27.6# |
| 125     | 10.7  | 3.3   | 4.9#  |

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#91  
Benzo(a)pyrene  
Concen: 1.005 ng/uL  
RT: 24.92 min Scan# 3673  
Delta R.T. 0.03 min  
Lab File: BG048255.D  
Acq: 21 Feb 2021 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 36.8  | 18.2  | 27.4# |
| 125     | 13.9  | 4.5   | 6.7#  |

