

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011922\  
 Data File : BG052080.D  
 Acq On : 19 Jan 2022 19:12  
 Operator : CG/JU  
 Sample : N1129-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLZ6

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022  
 Supervised By :Yogesh Patel 01/23/2022

Quant Time: Jan 20 00:02:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 06 14:43:02 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.247  | 152  | 28220    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.085 | 136  | 118778   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.891 | 164  | 87768    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.640 | 188  | 200135   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.958 | 240  | 172691   | 20.000 | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 25.448 | 264  | 175080   | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.577  | 96   | 1735     | 2.197  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.000  | 84   | 13725    | 5.591  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.384  | 99   | 43857    | 15.879 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.548  | 67   | 25281    | 14.419 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.771  | 132  | 32651    | 17.855 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.946  | 113  | 36485    | 16.993 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.416  | 128  | 17356    | 18.492 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.145 | 143  | 19693    | 18.972 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.697 | 165  | 38025    | 18.741 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.208 | 131  | 25881    | 9.160  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.274 | 166  | 126946   | 17.498 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.586 | 160  | 160502   | 18.315 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.067 | 143  | 17138    | 14.130 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.878 | 176  | 113482   | 17.941 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.984 | 200  | 15507    | 12.282 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.734 | 188  | 178938   | 18.848 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 20.014 | 212  | 207124   | 20.840 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.207 | 264  | 179596   | 19.485 | ng/u1  | 0.01     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.682 | 178  | 11146    | 1.063  | ng/u1  | 97       |
| 80) Fluoranthene              | 19.685 | 202  | 45737    | 3.982  | ng/u1# | 86       |
| 82) Pyrene                    | 20.043 | 202  | 45322    | 4.008  | ng/u1# | 89       |
| 85) Benzo(a)anthracene        | 21.935 | 228  | 29579    | 2.604  | ng/u1  | 96       |
| 87) Chrysene                  | 22.005 | 228  | 32491m   | 2.971  | ng/u1  |          |
| 90) Benzo(b)fluoranthene      | 24.343 | 252  | 59809    | 5.155  | ng/u1# | 96       |
| 91) Benzo(k)fluoranthene      | 24.396 | 252  | 17891m   | 1.668  | ng/u1  |          |
| 93) Benzo(a)pyrene            | 25.277 | 252  | 42286    | 3.851  | ng/u1  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.466 | 276  | 37432    | 2.978  | ng/u1# | 94       |
| 95) Dibenzo(a,h)anthracene    | 29.530 | 278  | 10797m   | 1.016  | ng/u1  |          |
| 96) Benzo(g,h,i)perylene      | 30.723 | 276  | 35276m   | 3.338  | ng/u1  |          |
| -----                         |        |      |          |        |        |          |

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

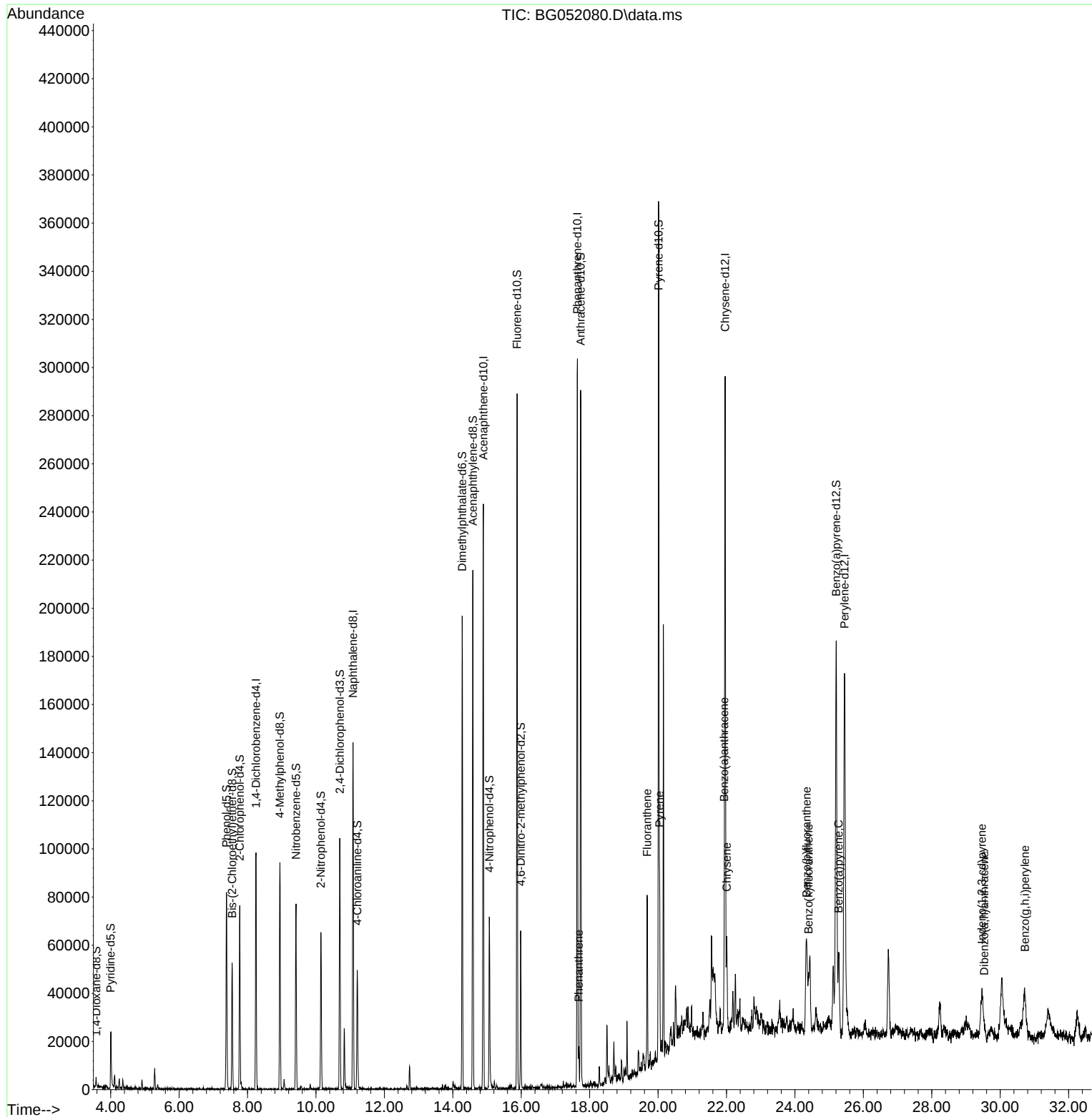
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011922\  
Data File : BG052080.D  
Acq On : 19 Jan 2022 19:12  
Operator : CG/JU  
Sample : N1129-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

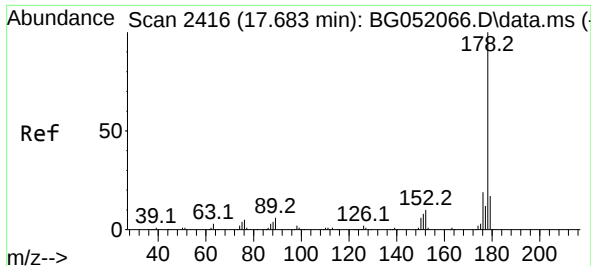
Instrument :  
BNA\_G  
ClientSampleId :  
DBLZ6

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022  
Supervised By :Yogesh Patel 01/23/2022

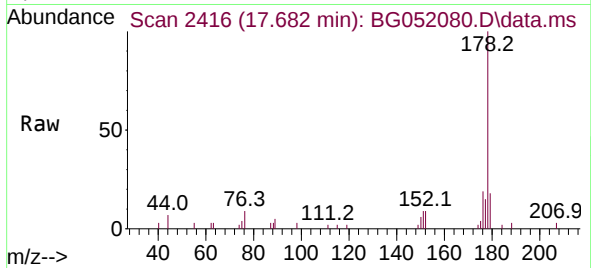
Quant Time: Jan 20 00:02:28 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010622.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 06 14:43:02 2022  
Response via : Initial Calibration





#72  
Phenanthrene  
Concen: 1.063 ng/ul  
RT: 17.682 min Scan# 2416  
Delta R.T. 0.000 min  
Lab File: BG052080.D  
Acq: 19 Jan 2022 19:12

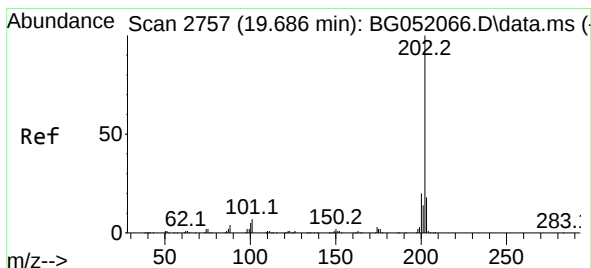
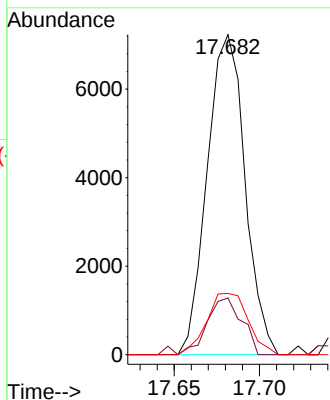
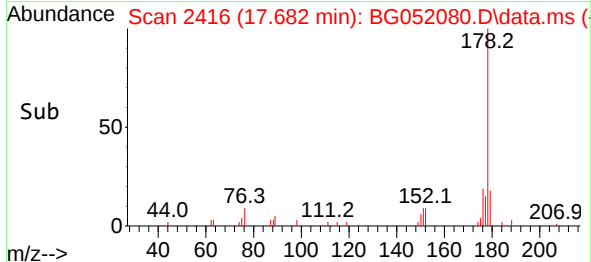
Instrument :  
BNA\_G  
ClientSampleId :  
DBLZ6



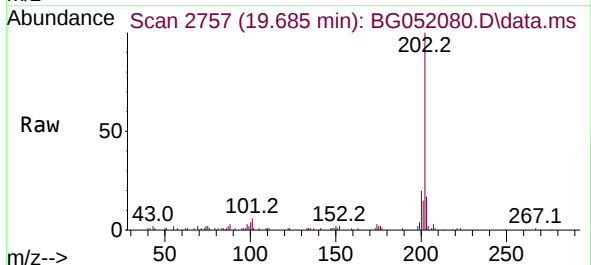
Tgt Ion:178 Resp: 11140  
Ion Ratio Lower Upper  
178 100  
179 17.7 12.3 18.5  
176 19.2 15.5 23.3

Manual Integrations  
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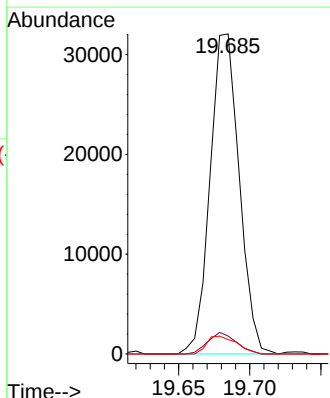
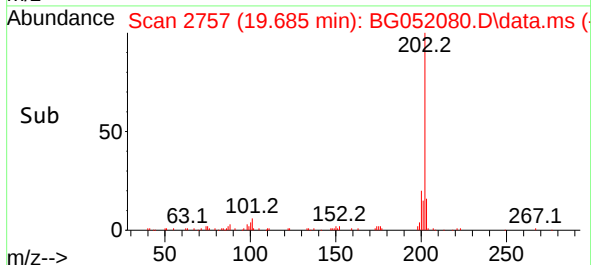
Reviewed By :Jagrut Upadhyay 01/20/2022  
Supervised By :Yogesh Patel 01/23/2022

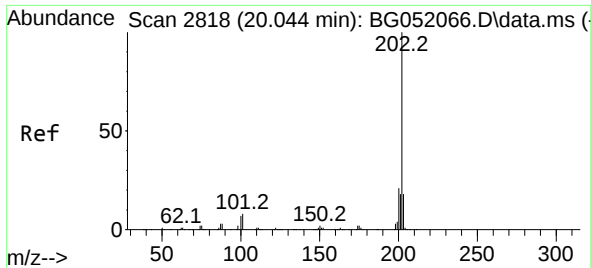


#80  
Fluoranthene  
Concen: 3.982 ng/ul  
RT: 19.685 min Scan# 2757  
Delta R.T. 0.006 min  
Lab File: BG052080.D  
Acq: 19 Jan 2022 19:12



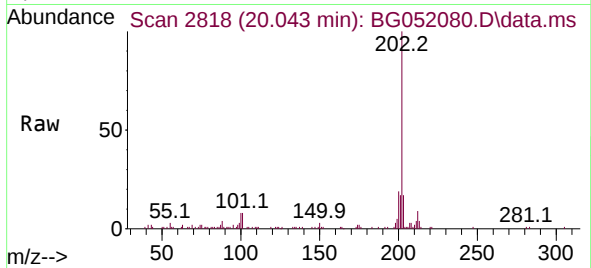
Tgt Ion:202 Resp: 45737  
Ion Ratio Lower Upper  
202 100  
101 5.6 9.3 13.9#  
100 4.5 7.0 10.6#





#82  
Pyrene  
Concen: 4.008 ng/ul  
RT: 20.043 min Scan# 2818  
Delta R.T. 0.000 min  
Lab File: BG052080.D  
Acq: 19 Jan 2022 19:12

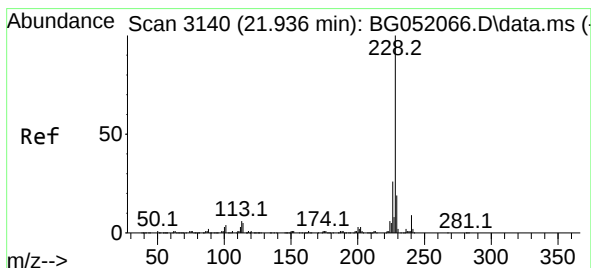
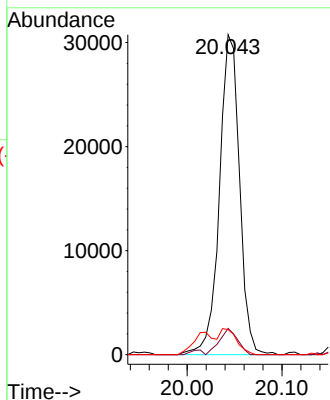
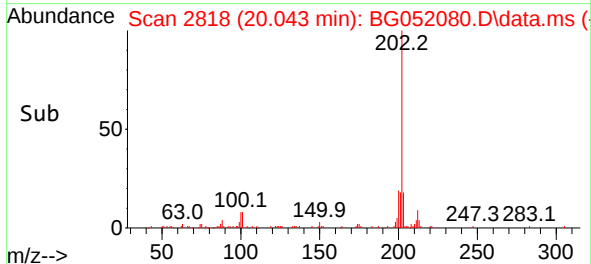
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:202 Resp: 4532  
Ion Ratio Lower Upper  
202 100  
101 8.2 10.7 16.1  
100 7.8 9.0 13.6

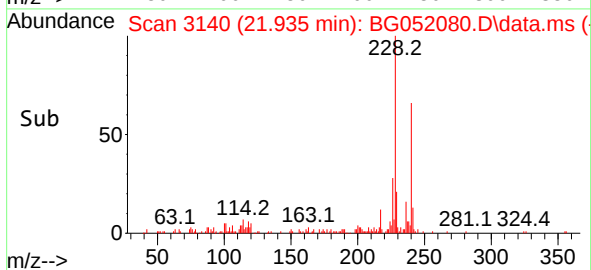
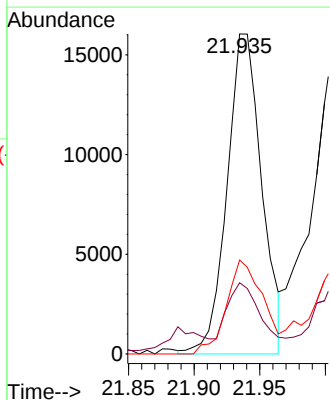
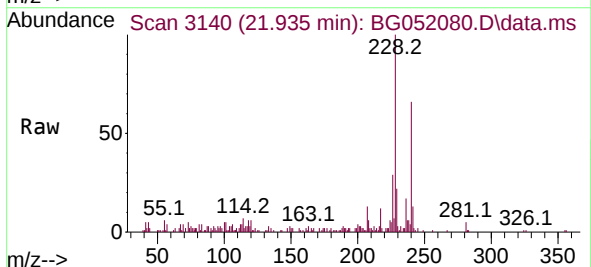
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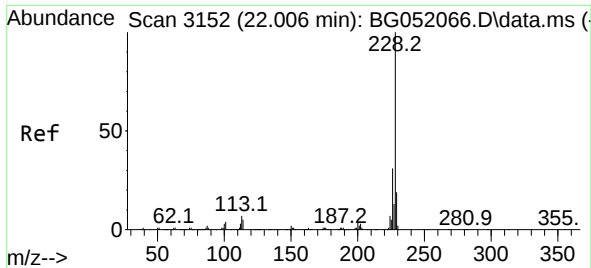
Reviewed By :Jagrut Upadhyay 01/20/2022  
Supervised By :Yogesh Patel 01/23/2022



#85  
Benzo(a)anthracene  
Concen: 2.604 ng/ul  
RT: 21.935 min Scan# 3140  
Delta R.T. 0.000 min  
Lab File: BG052080.D  
Acq: 19 Jan 2022 19:12

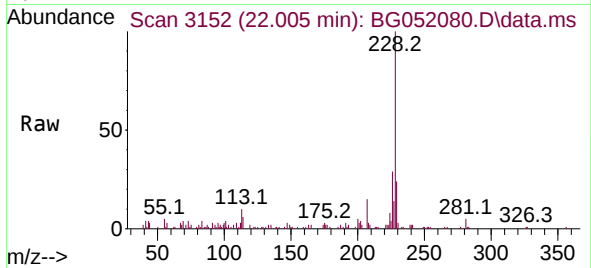
Tgt Ion:228 Resp: 29579  
Ion Ratio Lower Upper  
228 100  
229 22.2 15.7 23.5  
226 29.4 22.3 33.5





#87  
Chrysene  
Concen: 2.971 ng/ul m  
RT: 22.005 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: BG052080.D  
Acq: 19 Jan 2022 19:12

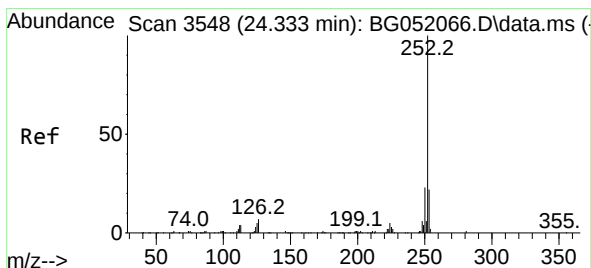
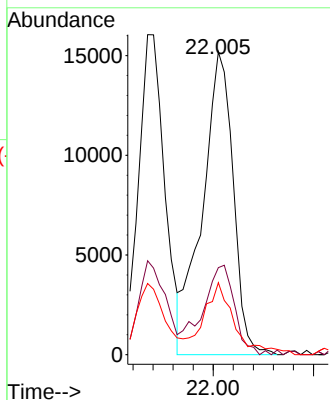
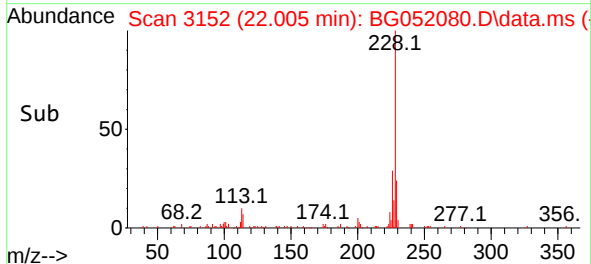
Instrument :  
BNA\_G  
ClientSampleId :  
DBLZ6



Tgt Ion:228 Resp: 3249  
Ion Ratio Lower Upper  
228 100  
226 28.7 24.8 37.2  
229 23.8 15.8 23.6

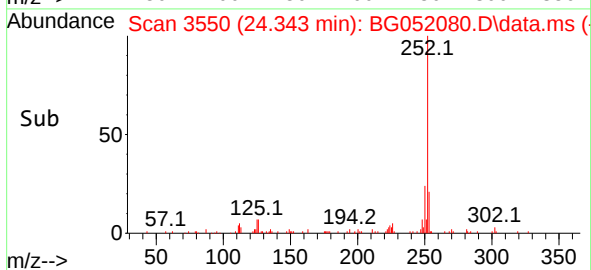
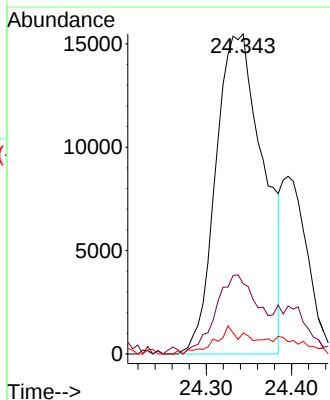
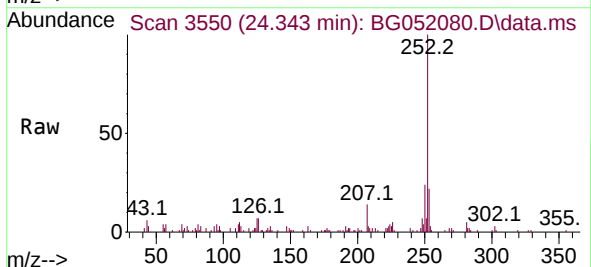
Manual Integrations  
APPROVED

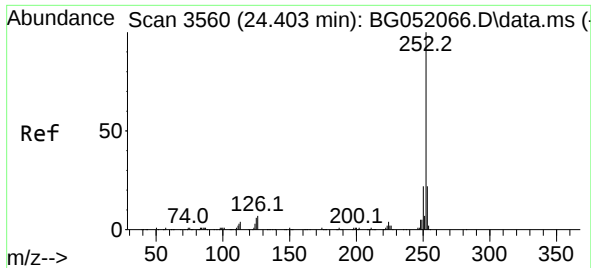
Reviewed By :Jagrut Upadhyay 01/20/2022  
Supervised By :Yogesh Patel 01/23/2022



#90  
Benzo(b)fluoranthene  
Concen: 5.155 ng/ul  
RT: 24.343 min Scan# 3550  
Delta R.T. 0.018 min  
Lab File: BG052080.D  
Acq: 19 Jan 2022 19:12

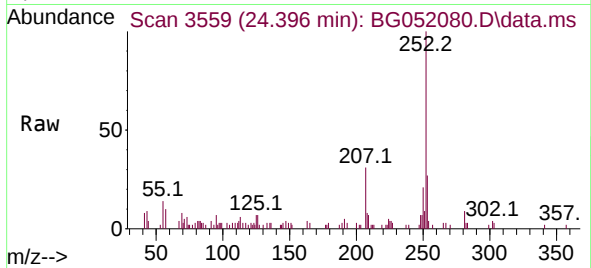
Tgt Ion:252 Resp: 59809  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 6.6 8.5 12.7#





#91  
Benzo(k)fluoranthene  
Concen: 1.668 ng/ul m  
RT: 24.396 min Scan# 3  
Delta R.T. 0.000 min  
Lab File: BG052080.D  
Acq: 19 Jan 2022 19:12

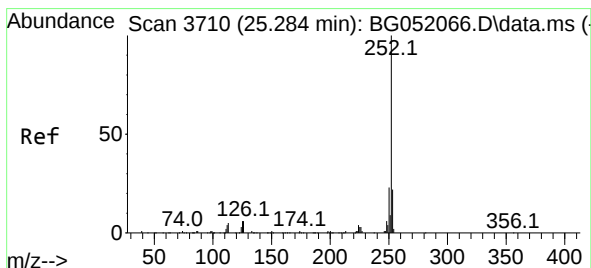
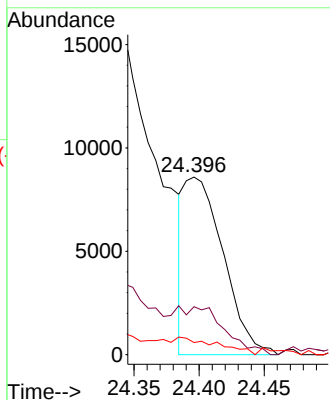
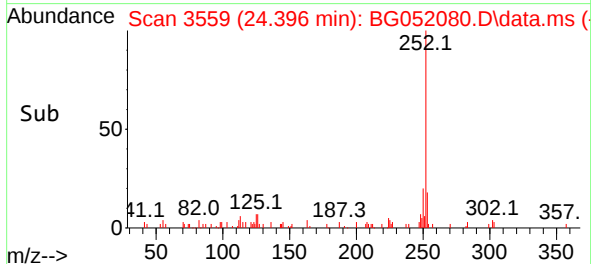
Instrument :  
BNA\_G  
ClientSampleId :  
DBLZ6



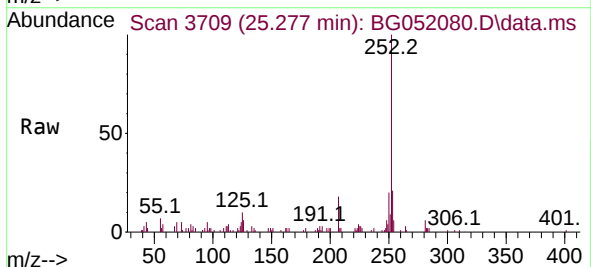
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Ion Ratio Lower Upper  
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Manual Integrations  
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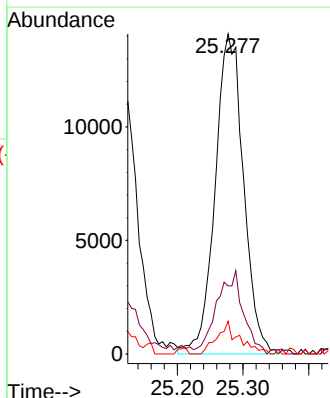
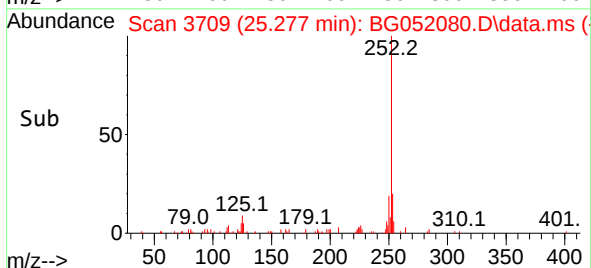
Reviewed By :Jagrut Upadhyay 01/20/2022  
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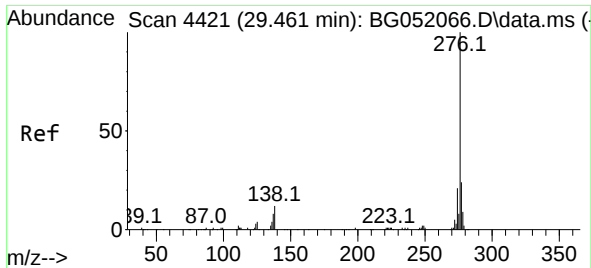


#93  
Benzo(a)pyrene  
Concen: 3.851 ng/ul  
RT: 25.277 min Scan# 3709  
Delta R.T. 0.006 min  
Lab File: BG052080.D  
Acq: 19 Jan 2022 19:12



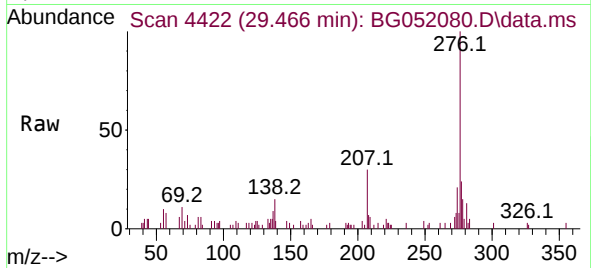
Tgt Ion:252 Resp: 42286  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.4 26.2  
125 10.3 9.1 13.7





#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.978 ng/ul  
 RT: 29.466 min Scan# 4422  
 Delta R.T. 0.018 min  
 Lab File: BG052080.D  
 Acq: 19 Jan 2022 19:12

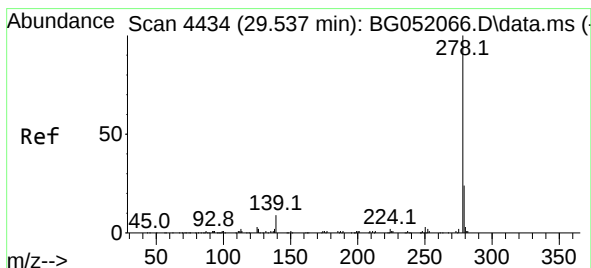
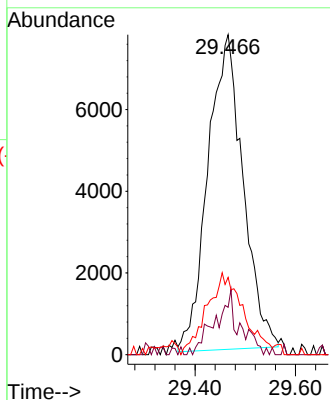
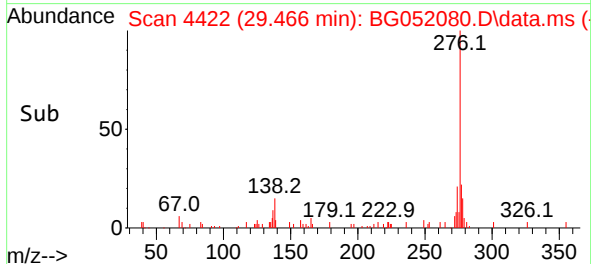
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLZ6



Tgt Ion:276 Resp: 3743  
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 138 14.8 15.5 23.3  
 277 24.1 20.5 30.7

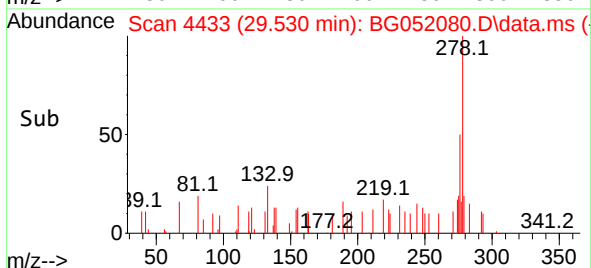
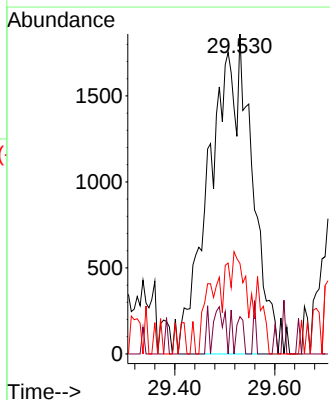
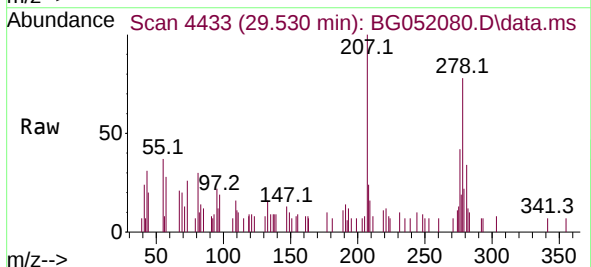
Manual Integrations  
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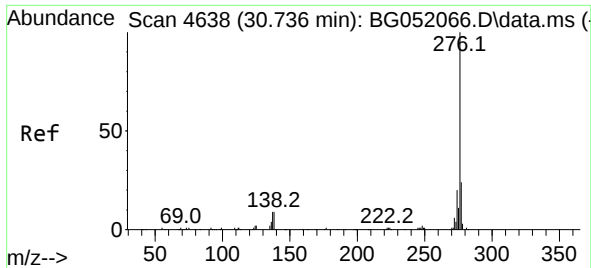
Reviewed By :Jagrut Upadhyay 01/20/2022  
 Supervised By :Yogesh Patel 01/23/2022



#95  
 Dibenzo(a,h)anthracene  
 Concen: 1.016 ng/ul m  
 RT: 29.530 min Scan# 4433  
 Delta R.T. 0.018 min  
 Lab File: BG052080.D  
 Acq: 19 Jan 2022 19:12

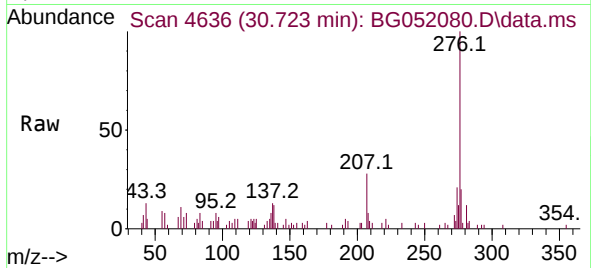
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 Ion Ratio Lower Upper  
 278 100  
 139 11.7 12.2 18.4#  
 279 28.2 19.5 29.3





#96  
 Benzo(g,h,i)perylene  
 Concen: 3.338 ng/ul m  
 RT: 30.723 min Scan# 4  
 Delta R.T. 0.024 min  
 Lab File: BG052080.D  
 Acq: 19 Jan 2022 19:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLZ6



Tgt Ion:276 Resp: 35270  
 Ion Ratio Lower Upper  
 276 100  
 138 12.1 16.6 24.8  
 277 20.1 17.6 26.4

Manual Integrations  
 APPROVED

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 Supervised By :Yogesh Patel 01/23/2022

