

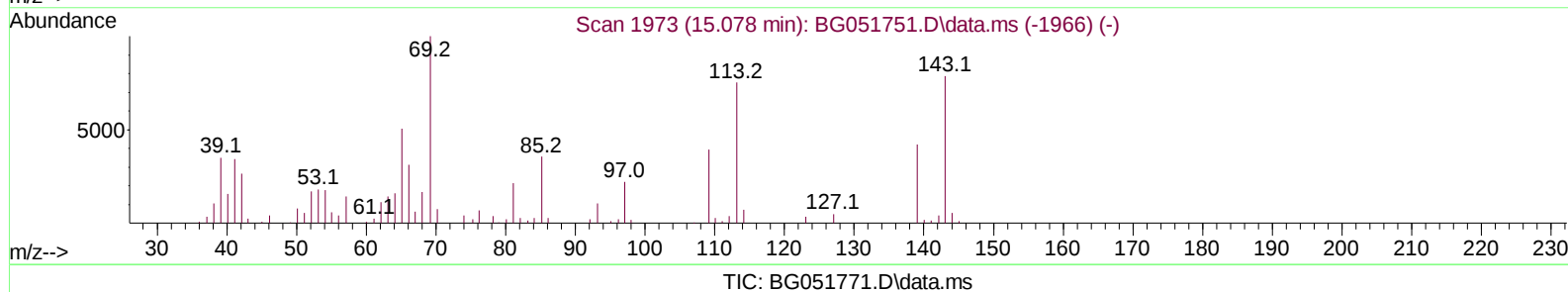
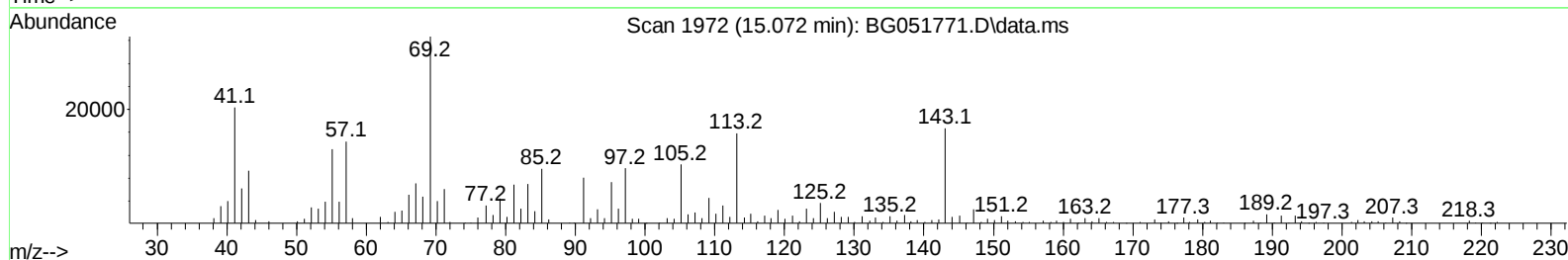
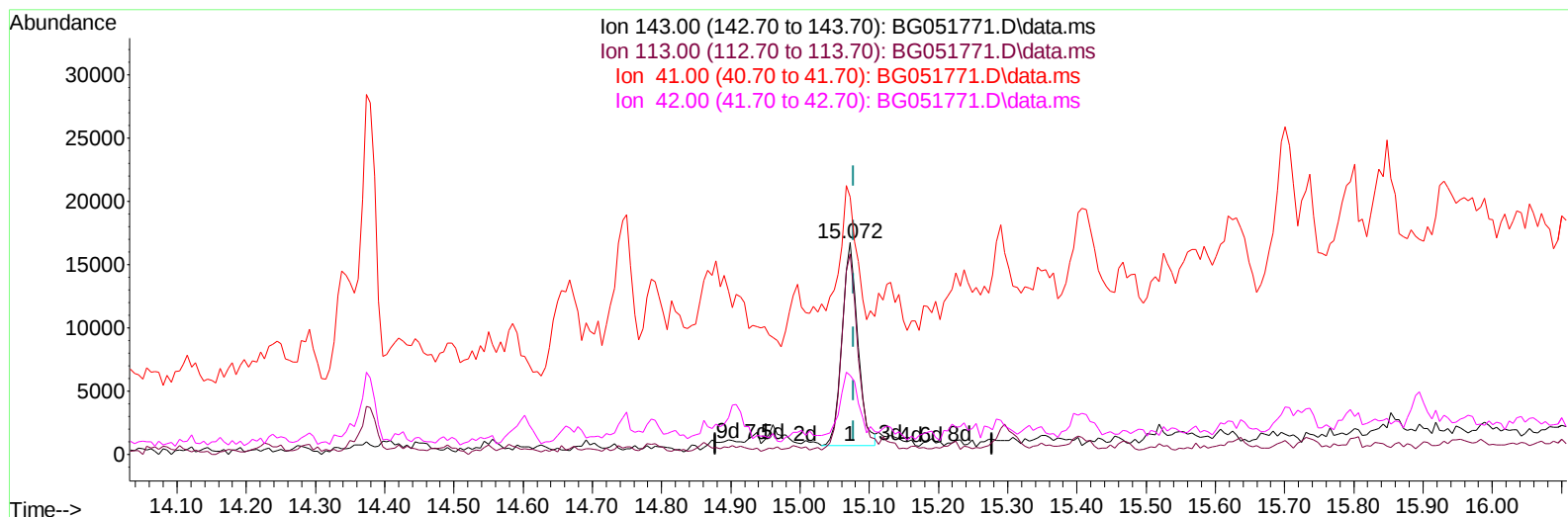
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122221\  
Data File : BG051771.D  
Acq On : 23 Dec 2021 5:23  
Operator : CG/JU  
Sample : M5195-02  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGLB4

Manual IntegrationsAPPROVED

Quant Time: Dec 23 06:13:15 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 14 14:19:57 2021  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2021  
Supervised By :mohammad ahmed 12/23/2021



**(54) 4-Nitrophenol-d4 (S)**

**15.072min (-0.005) 20.98 ng/u1**

**response 25304**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 80.30  | 94.66   |
| 41.00  | 44.40  | 121.71# |
| 42.00  | 29.70  | 37.19#  |

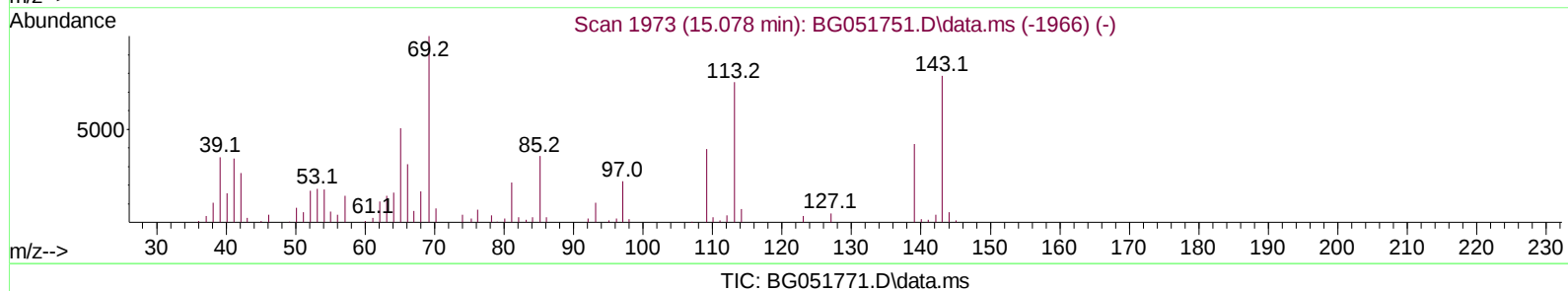
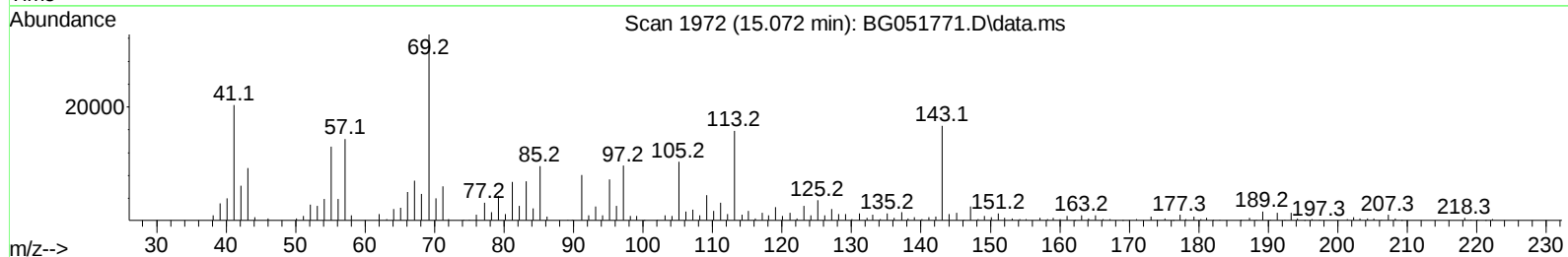
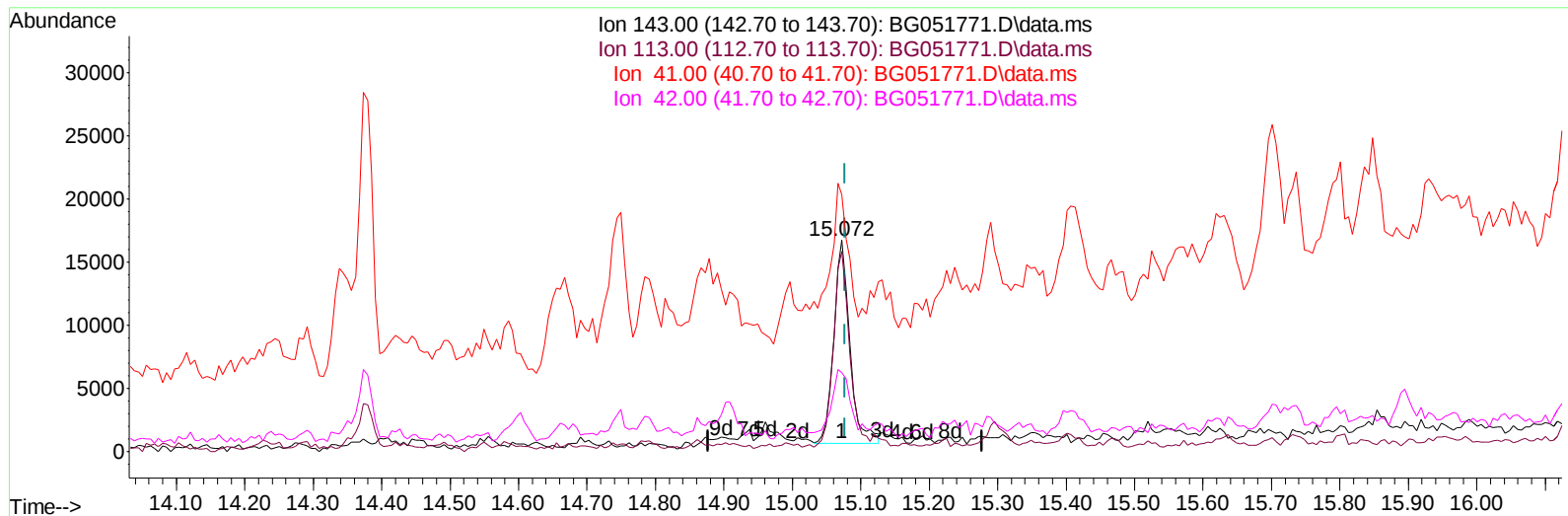
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122221\  
Data File : BG051771.D  
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Operator : CG/JU  
Sample : M5195-02  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGLB4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/23/2021



(54) 4-Nitrophenol-d4 (S)

15.072min (-0.005) 22.00 ng/ul m

response 26539

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 80.30  | 94.66   |
| 41.00  | 44.40  | 121.71# |
| 42.00  | 29.70  | 37.19#  |

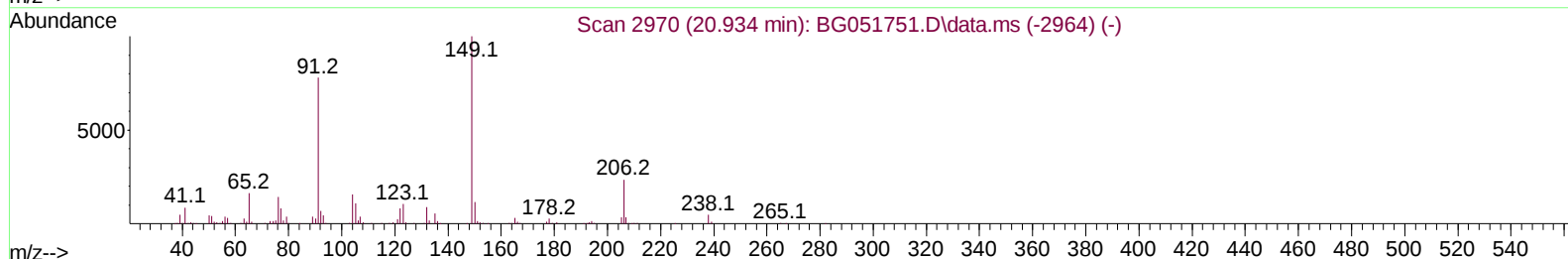
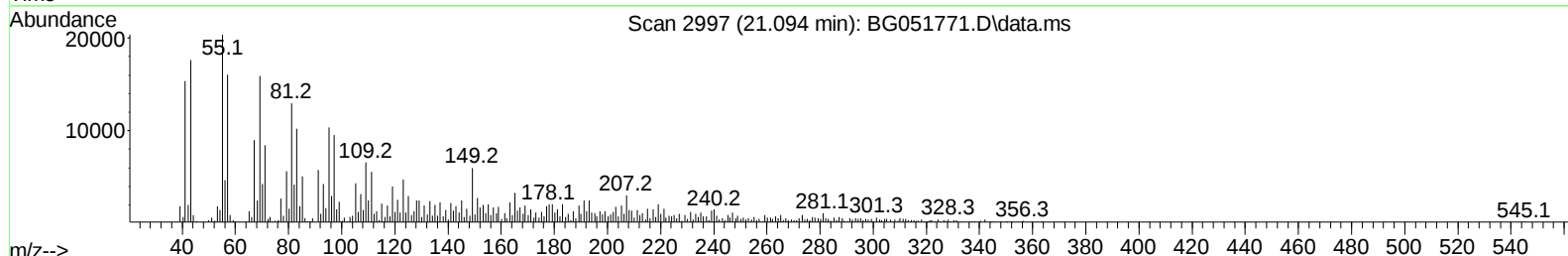
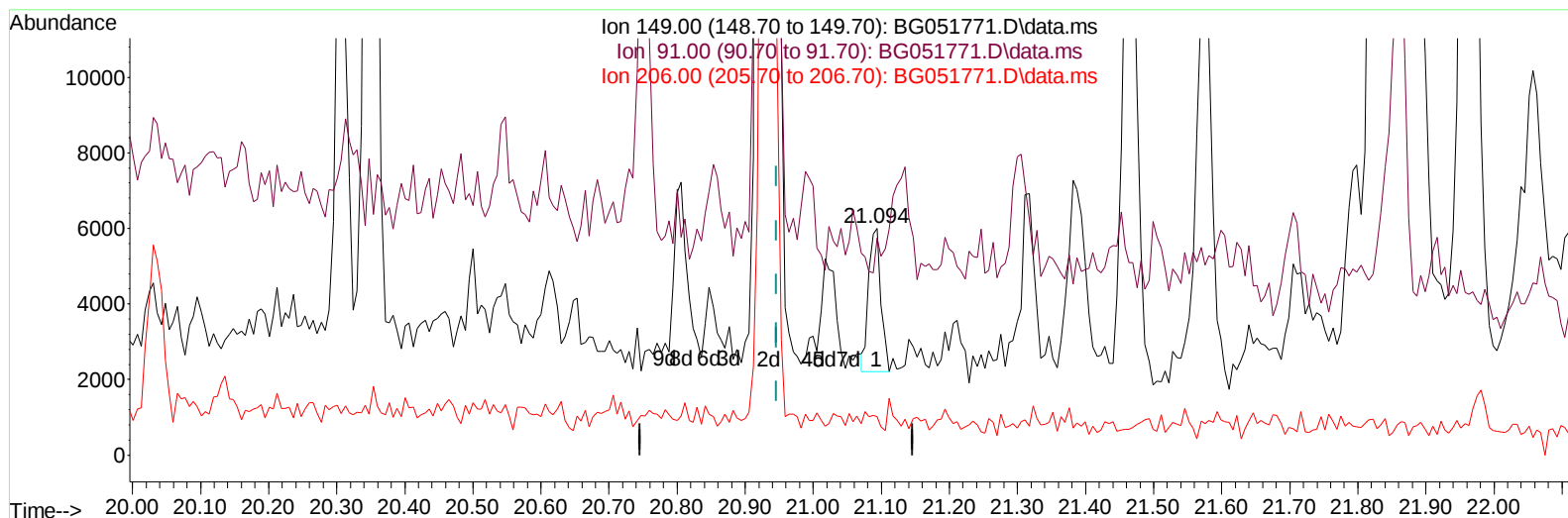
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122221\  
 Data File : BG051771.D  
 Acq On : 23 Dec 2021 5:23  
 Operator : CG/JU  
 Sample : M5195-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGLB4

Manual IntegrationsAPPROVED

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TIC: BG051771.D\data.ms

### (83) Butylbenzylphthalate

21.094min (+ 0.148) 1.11 ng/u1

response 4693

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 149.00 | 100.00 | 100.00 |
| 91.00  | 81.50  | 95.56  |
| 206.00 | 20.20  | 16.94  |
| 0.00   | 0.00   | 0.00   |

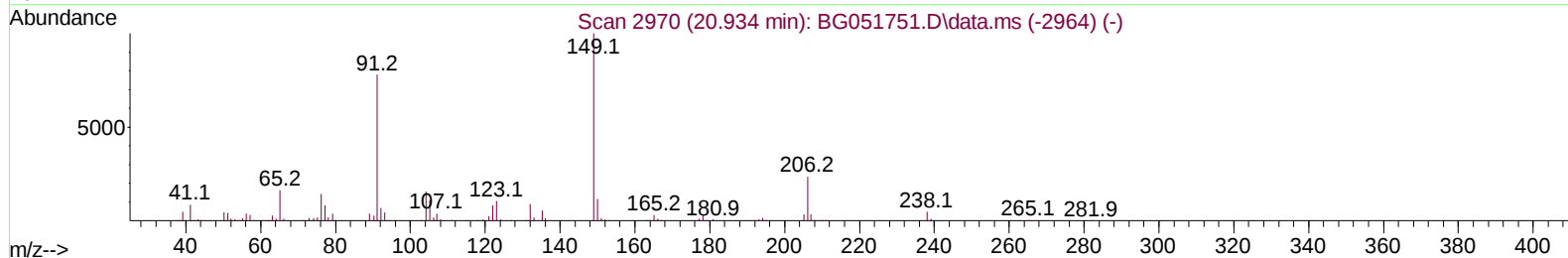
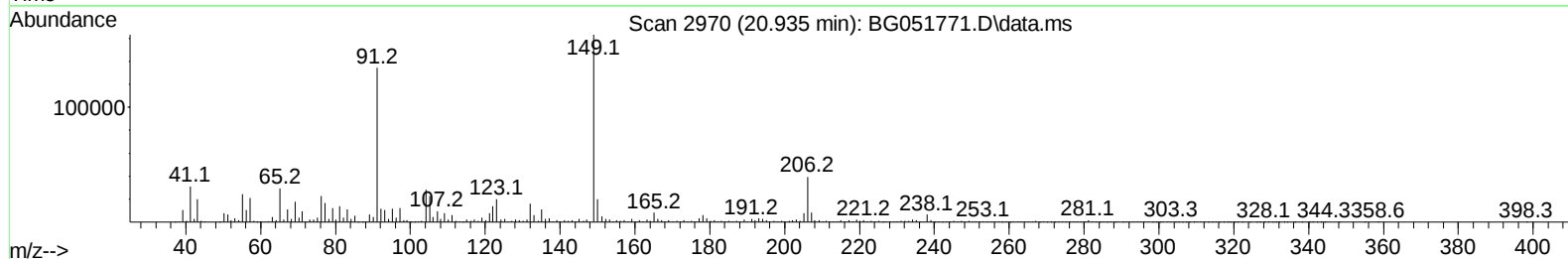
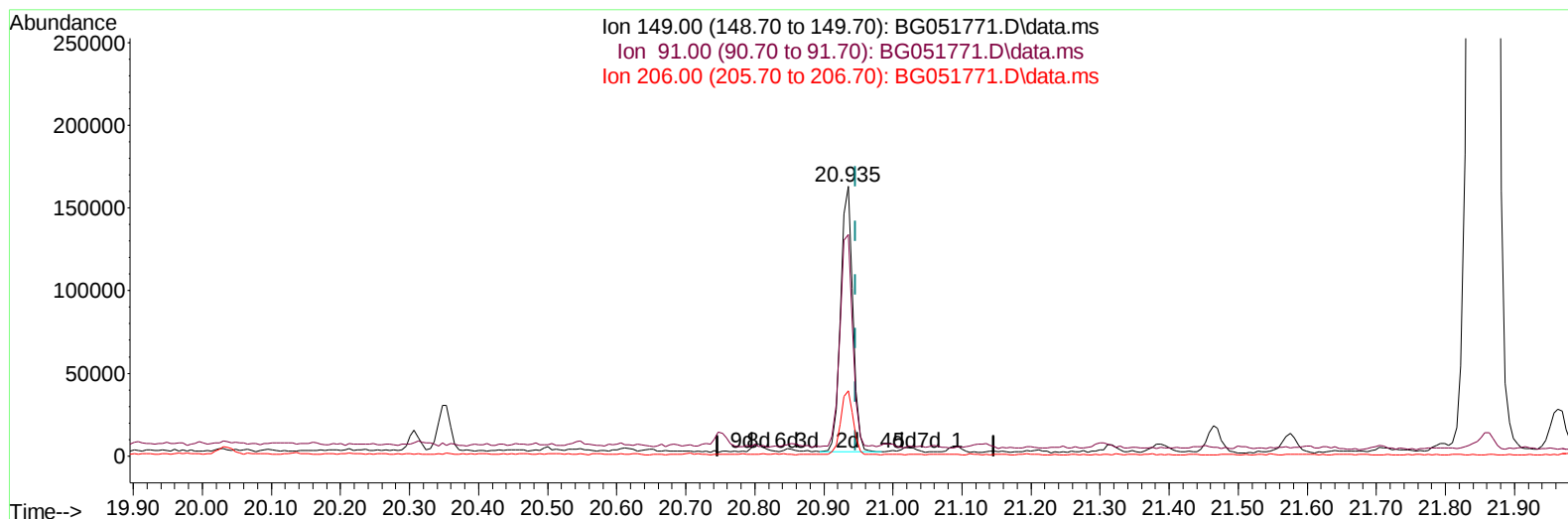
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122221\  
 Data File : BG051771.D  
 Acq On : 23 Dec 2021 5:23  
 Operator : CG/JU  
 Sample : M5195-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGLB4

Manual IntegrationsAPPROVED

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TIC: BG051771.D\data.ms

**(83) Butylbenzylphthalate**

20.935min (-0.011) 47.03 ng/ul m

response 199249

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 149.00 | 100.00 | 100.00 |
| 91.00  | 81.50  | 82.26  |
| 206.00 | 20.20  | 24.24# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122221\  
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 Operator : CG/JU  
 Sample : M5195-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGLB4

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION  
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| Compound                      | R.T.   | Q   | Ion | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|---------|--------|----------|
| -----                         |        |     |     |          |         |        |          |
| Internal Standards            |        |     |     |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.270  | 152 |     | 39764    | 20.000  | ng/ul  | -0.02    |
| 20) Naphthalene-d8            | 11.107 | 136 |     | 153119   | 20.000  | ng/ul  | #-0.02   |
| 38) Acenaphthene-d10          | 14.908 | 164 |     | 92682    | 20.000  | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.657 | 188 |     | 188175   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.975 | 240 |     | 184785   | 20.000  | ng/ul  | #-0.01   |
| 88) Perylene-d12              | 25.476 | 264 |     | 193851   | 20.000  | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |     |     |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.594  | 96  |     | 3190     | 3.332   | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 4.029  | 84  |     | 23564    | 8.145   | ng/ul  | -0.02    |
| 7) Phenol-d5                  | 7.401  | 99  |     | 78500    | 22.110  | ng/ul  | -0.02    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.571  | 67  |     | 51040    | 24.182  | ng/ul  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.794  | 132 |     | 55433    | 22.449  | ng/ul  | -0.02    |
| 15) 4-Methylphenol-d8         | 8.963  | 113 |     | 59643    | 21.733  | ng/ul  | -0.02    |
| 21) Nitrobenzene-d5           | 9.439  | 128 |     | 28741    | 25.602  | ng/ul  | -0.02    |
| 24) 2-Nitrophenol-d4          | 10.173 | 143 |     | 31993    | 26.070  | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.714 | 165 |     | 58591    | 22.016  | ng/ul  | -0.02    |
| 31) 4-Chloroaniline-d4        | 11.231 | 131 |     | 65866    | 18.798  | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 14.297 | 166 |     | 173484   | 23.386  | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 14.603 | 160 |     | 226468   | 24.581  | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 15.072 | 143 |     | 26539m   | 22.000  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.895 | 176 |     | 156868   | 23.603  | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.995 | 200 |     | 23871    | 24.348  | ng/ul  | -0.02    |
| 73) Anthracene-d10            | 17.757 | 188 |     | 243512   | 27.128  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.030 | 212 |     | 274928   | 24.721  | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.241 | 264 |     | 259176   | 25.410  | ng/ul  | -0.01    |
| Target Compounds              |        |     |     |          |         |        |          |
|                               |        |     |     |          |         | Qvalue |          |
| 8) Phenol                     | 7.436  | 94  |     | 5500     | 1.558   | ng/ul  | 97       |
| 30) Naphthalene               | 11.160 | 128 |     | 481469   | 58.365  | ng/ul  | 98       |
| 36) 2-Methylnaphthalene       | 12.752 | 142 |     | 55004    | 9.346   | ng/ul  | 91       |
| 37) 1-Methylnaphthalene       | 12.969 | 142 |     | 33688    | 5.513   | ng/ul# | 91       |
| 43) 1,1'-Biphenyl             | 13.739 | 154 |     | 12036    | 1.695   | ng/ul# | 92       |
| 52) Acenaphthene              | 14.973 | 153 |     | 18477    | 3.103   | ng/ul  | 99       |
| 56) Dibenzofuran              | 15.302 | 168 |     | 26587    | 3.032   | ng/ul  | 90       |
| 61) Fluorene                  | 15.954 | 166 |     | 19145    | 2.649   | ng/ul# | 90       |
| 72) Phenanthrene              | 17.698 | 178 |     | 43957    | 4.542   | ng/ul# | 86       |
| 78) Di-n-butylphthalate       | 18.597 | 149 |     | 16609    | 1.576   | ng/ul# | 67       |
| 80) Fluoranthene              | 19.701 | 202 |     | 18810    | 1.473   | ng/ul# | 91       |
| 82) Pyrene                    | 20.060 | 202 |     | 27413    | 2.170   | ng/ul# | 93       |
| 83) Butylbenzylphthalate      | 20.935 | 149 |     | 199249m  | 47.030  | ng/ul  |          |
| 86) Bis(2-ethylhexyl)phtha... | 21.863 | 149 |     | 3839772  | 647.029 | ng/ul# | 72       |
| 89) Di-n-octyl phthalate      | 23.156 | 149 |     | 186918   | 17.902  | ng/ul  | 100      |
| -----                         |        |     |     |          |         |        |          |

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

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