

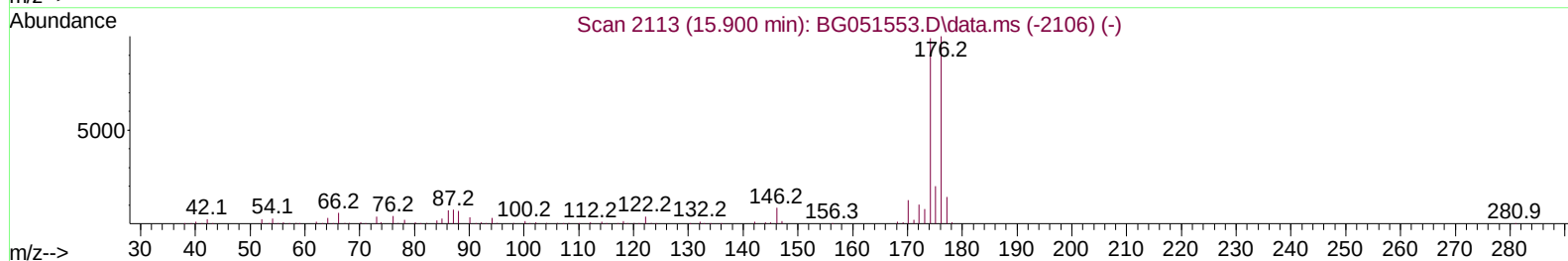
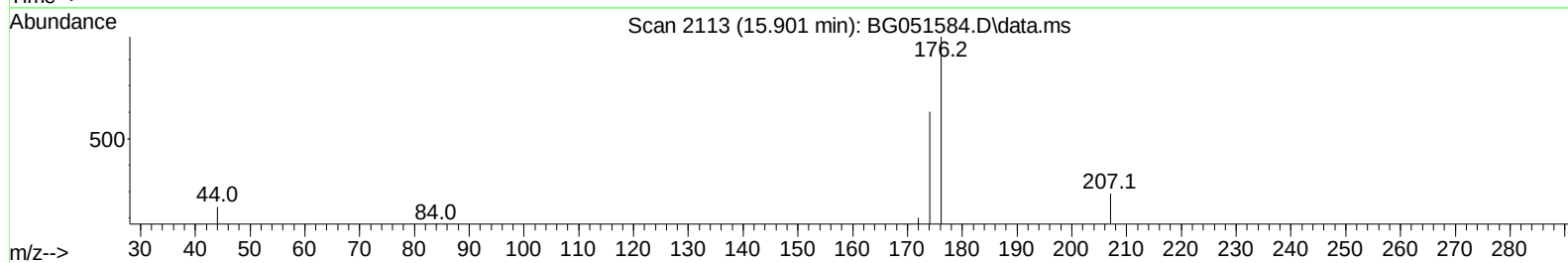
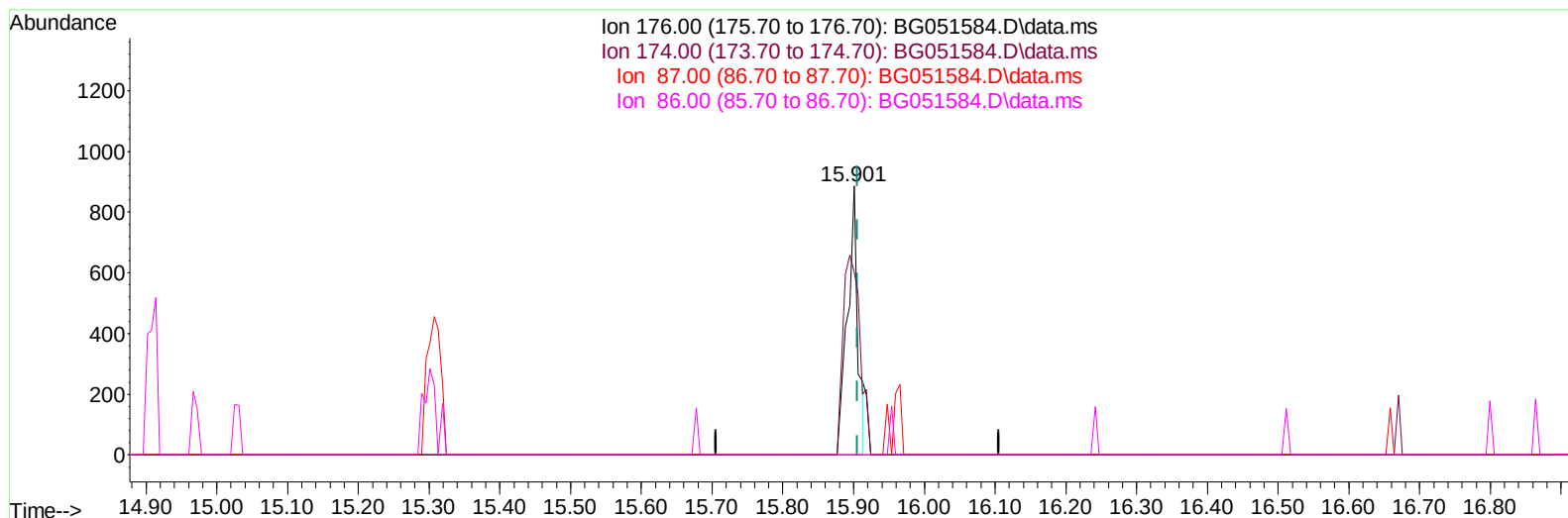
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051584.D  
 Acq On : 17 Dec 2021 00:19  
 Operator : CG/JU  
 Sample : M5013-04DL2 250X  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLT3DL2

Manual IntegrationsAPPROVED

Quant Time: Dec 17 01:25:55 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 12/17/2021  
 Supervised By :Yogesh Patel 12/23/2021



TIC: BG051584.D\data.ms

**(60) Fluorene-d10 (S)**

**15.901min (-0.005) 0.15 ng/u1**

**response 892**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 176.00 | 100.00 | 100.00 |
| 174.00 | 97.50  | 67.95# |
| 87.00  | 10.60  | 0.00#  |
| 86.00  | 10.90  | 0.00#  |

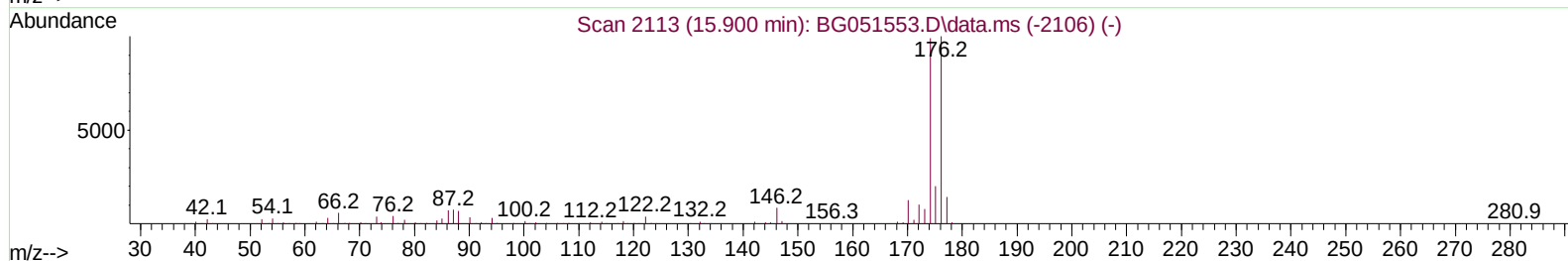
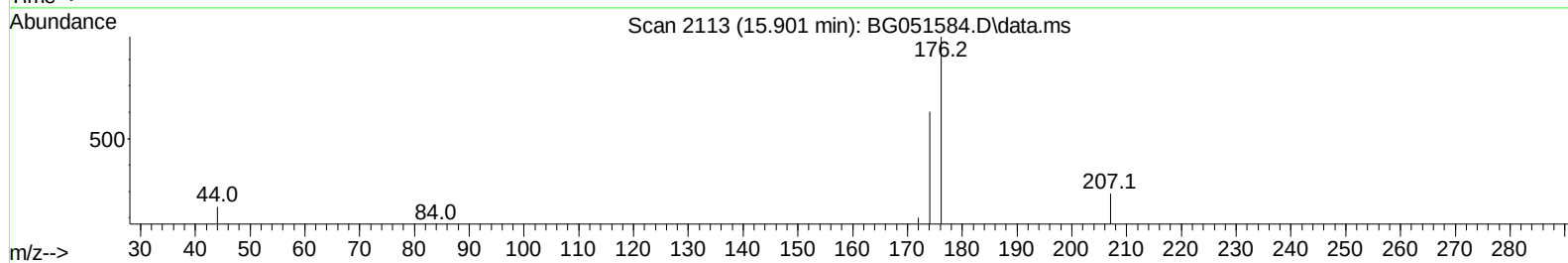
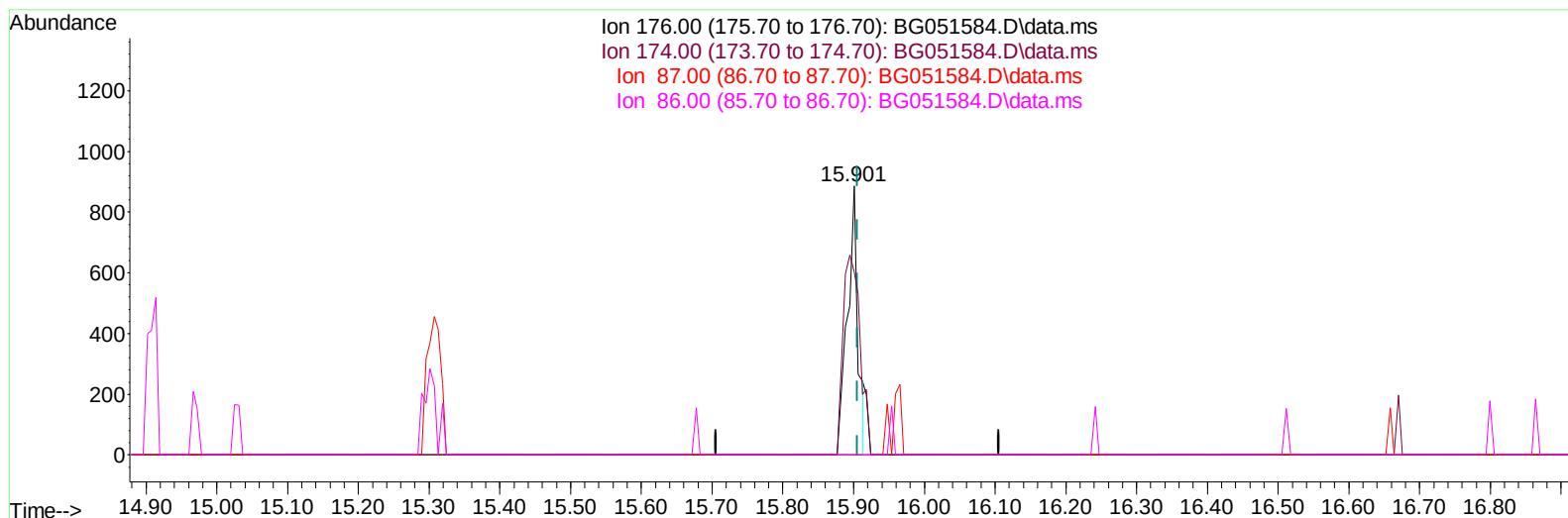
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 ClientSampleId :  
 DBLT3DL2

Manual IntegrationsAPPROVED

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TIC: BG051584.D\data.ms

**(60) Fluorene-d10 (S)**

**15.901min (-0.005) 0.15 ng/u1**

**response 892**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 176.00 | 100.00 | 100.00 |
| 174.00 | 97.50  | 67.95# |
| 87.00  | 10.60  | 0.00#  |
| 86.00  | 10.90  | 0.00#  |

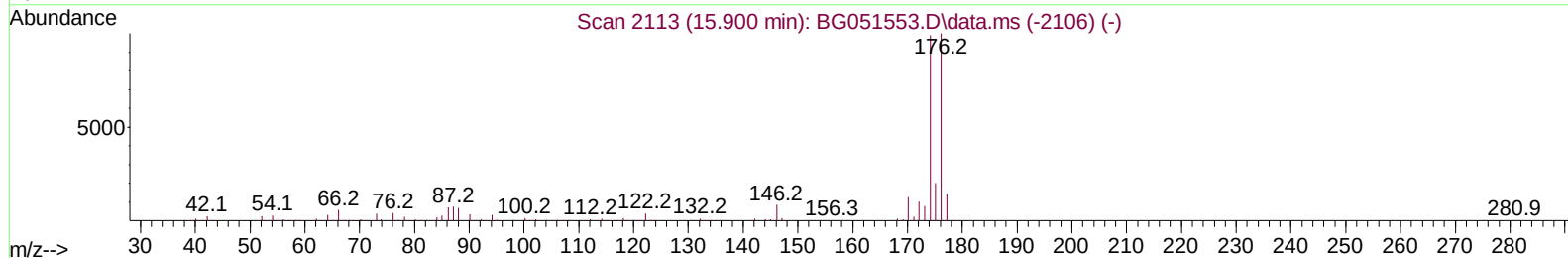
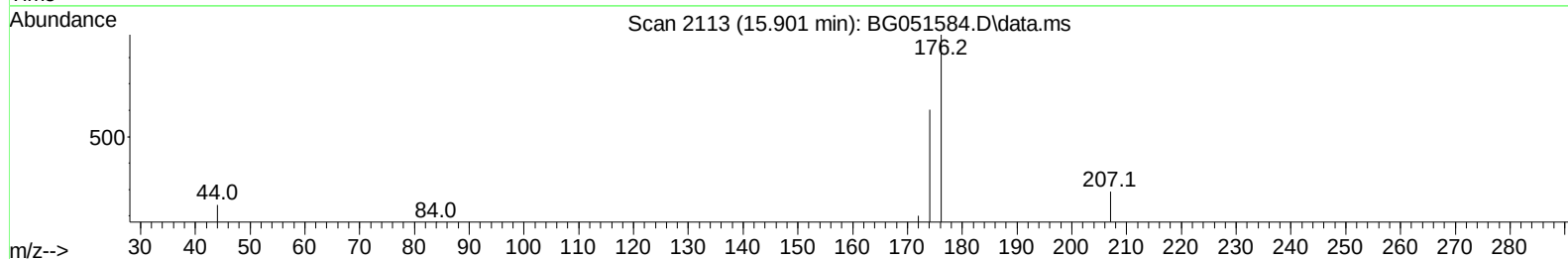
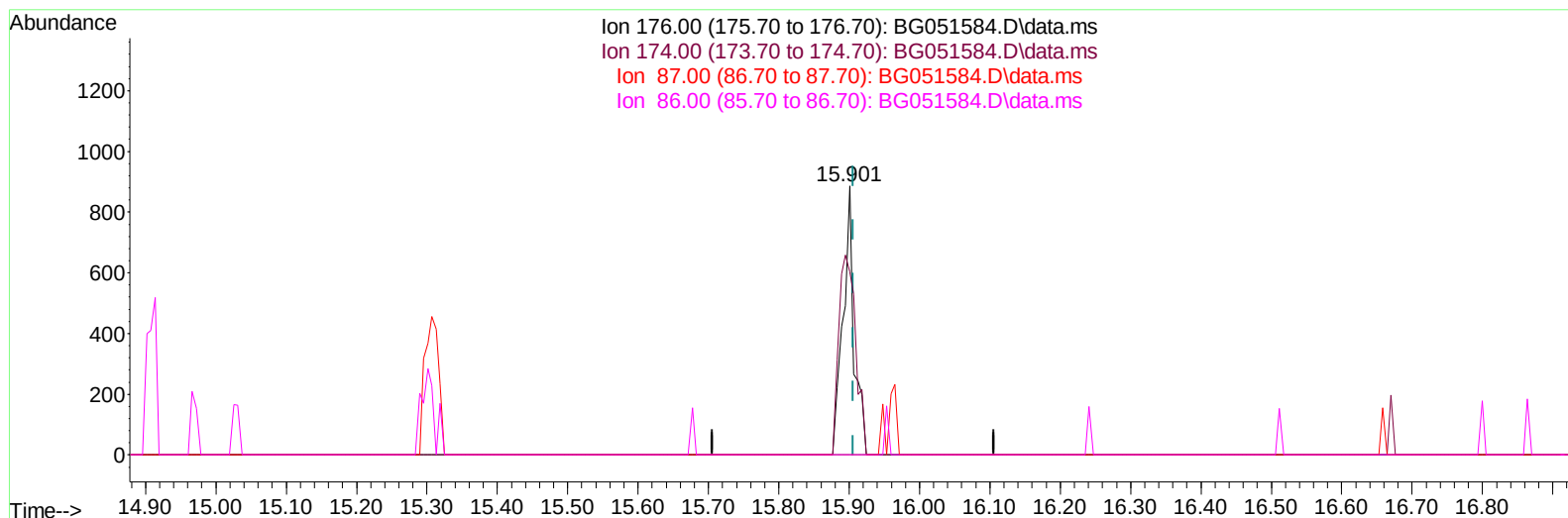
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051584.D  
 Acq On : 17 Dec 2021 00:19  
 Operator : CG/JU  
 Sample : M5013-04DL2 250X  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLT3DL2

Manual IntegrationsAPPROVED

Quant Time: Dec 17 01:25:55 2021  
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TIC: BG051584.D\data.ms

**(60) Fluorene-d10 (S)**

**15.901min (-0.005) 0.16 ng/ul m**

**response 963**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 176.00 | 100.00 | 100.00 |
| 174.00 | 97.50  | 67.95# |
| 87.00  | 10.60  | 0.00#  |
| 86.00  | 10.90  | 0.00#  |

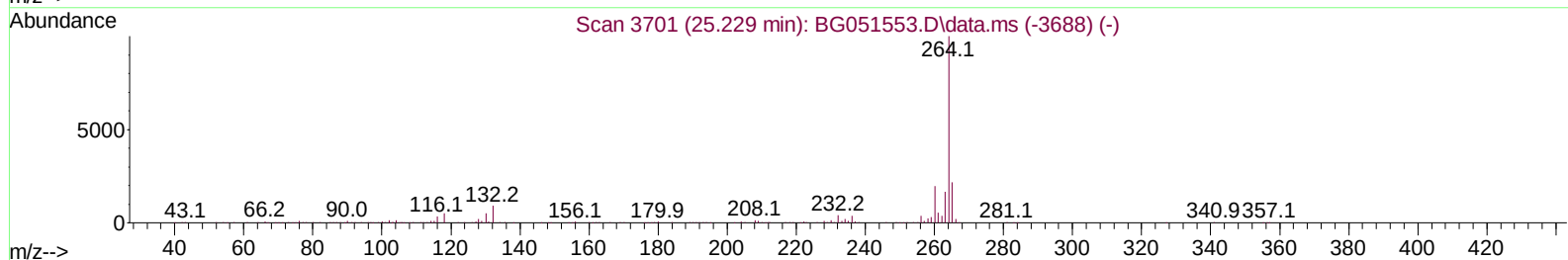
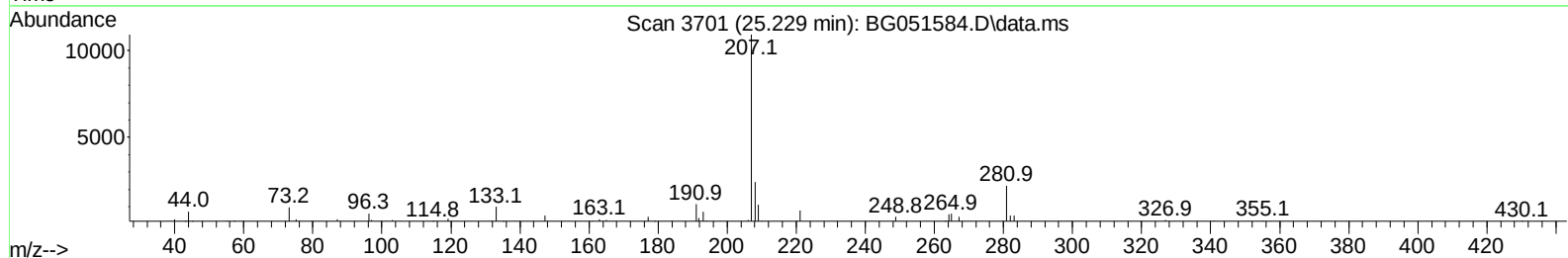
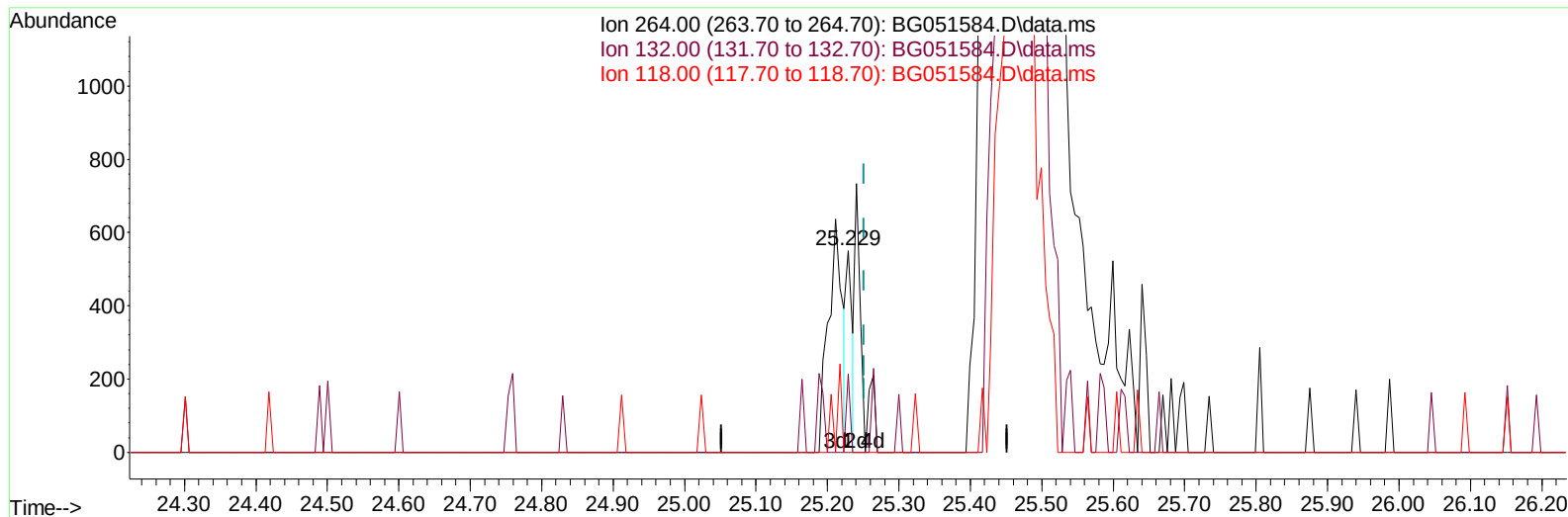
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051584.D  
 Acq On : 17 Dec 2021 00:19  
 Operator : CG/JU  
 Sample : M5013-04DL2 250X  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLT3DL2

Manual IntegrationsAPPROVED

Quant Time: Dec 17 01:25:55 2021  
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TIC: BG051584.D\data.ms

**(92) Benzo(a)pyrene-d12 (S)**

**25.229min (-0.023) 0.03 ng/u1**

**response 309**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 15.50  | 38.66# |
| 118.00 | 11.00  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

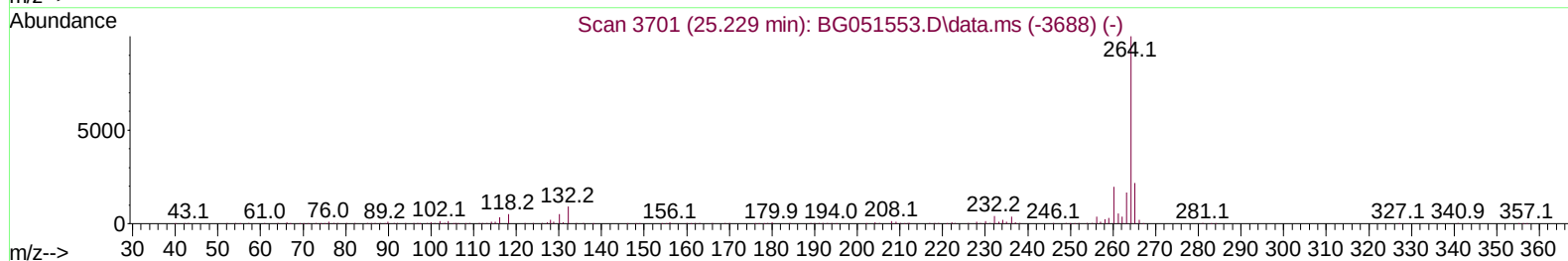
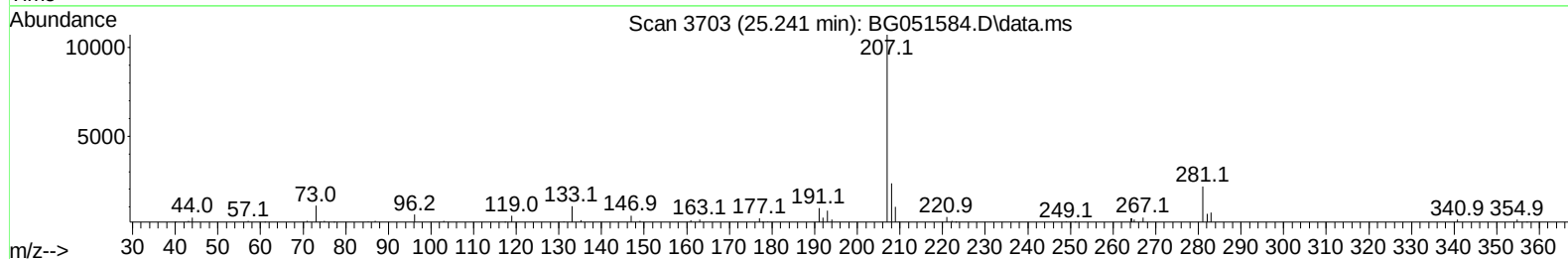
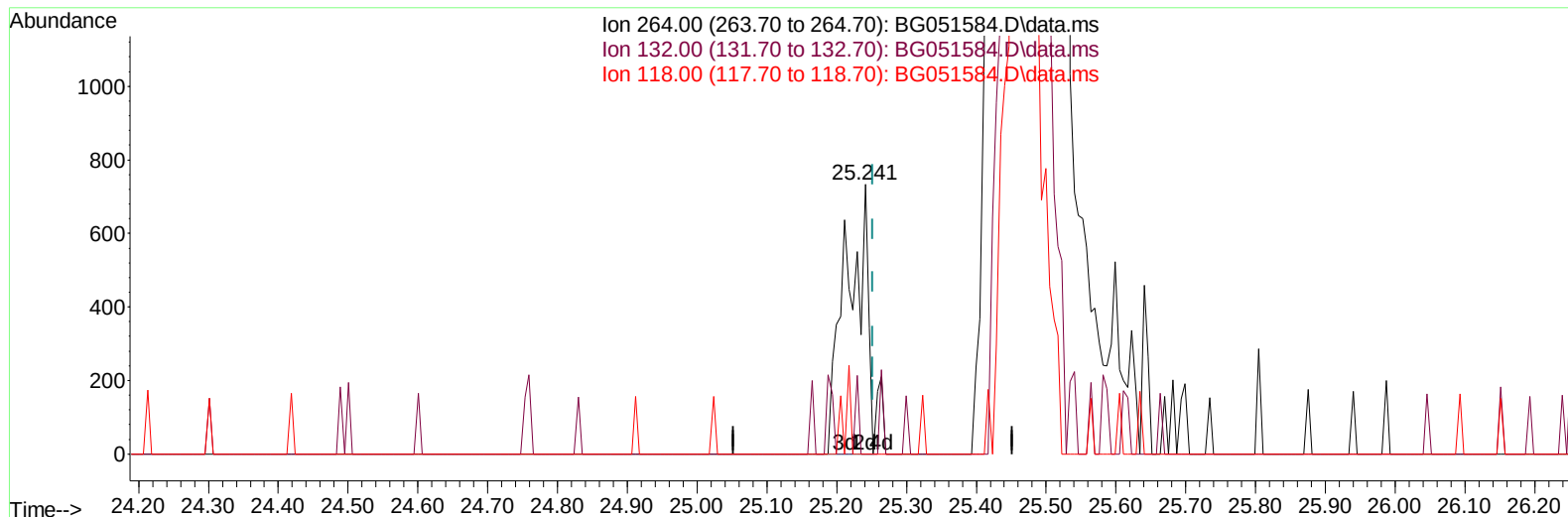
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Data File : BG051584.D  
Acq On : 17 Dec 2021 00:19  
Operator : CG/JU  
Sample : M5013-04DL2 250X  
Misc :  
ALS Vial : 84 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBLT3DL2

Manual IntegrationsAPPROVED

Quant Time: Dec 17 01:25:55 2021  
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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 14 14:19:57 2021  
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TIC: BG051584.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

25.241min (-0.011) 0.14 ng/ul m

response 1554

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 15.50  | 0.00#  |
| 118.00 | 11.00  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
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 Sample : M5013-04DL2 250X  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBLT3DL2

Manual IntegrationsAPPROVED

Quant Time: Dec 17 01:25:55 2021  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.281  | 152  | 28353    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.113 | 136  | 111281   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.914 | 164  | 83187    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.657 | 188  | 214511   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.975 | 240  | 216957   | 20.000 | ng/ul  | #-0.01   |
| 88) Perylene-d12              | 25.470 | 264  | 217148   | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0        | 0.000  | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/ul  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0        | 0.000  | ng/ul  |          |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0        | 0.000  | ng/ul  |          |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/ul  |          |
| 21) Nitrobenzene-d5           | 0.000  | 128  | 0        | 0.000  | ng/ul  |          |
| 24) 2-Nitrophenol-d4          | 0.000  | 143  | 0        | 0.000  | ng/ul  |          |
| 28) 2,4-Dichlorophenol-d3     | 0.000  | 165  | 0d       | 0.000  | ng/ul  |          |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 14.303 | 166  | 1079     | 0.162  | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.608 | 160  | 1377     | 0.167  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0        | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.901 | 176  | 963m     | 0.161  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0        | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.757 | 188  | 2692     | 0.263  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.030 | 212  | 2205     | 0.169  | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.241 | 264  | 1554m    | 0.136  | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 11.166 | 128  | 340430   | 56.783 | ng/ul  | 98       |
| 36) 2-Methylnaphthalene       | 12.758 | 142  | 25047    | 5.856  | ng/ul  | 91       |
| 37) 1-Methylnaphthalene       | 12.969 | 142  | 11762    | 2.648  | ng/ul  | 95       |
| 52) Acenaphthene              | 14.972 | 153  | 6630     | 1.240  | ng/ul# | 88       |
| 56) Dibenzofuran              | 15.301 | 168  | 11619    | 1.476  | ng/ul  | 98       |
| 77) Carbazole                 | 18.051 | 167  | 10294    | 1.031  | ng/ul  | 96       |
| -----                         |        |      |          |        |        |          |

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

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