

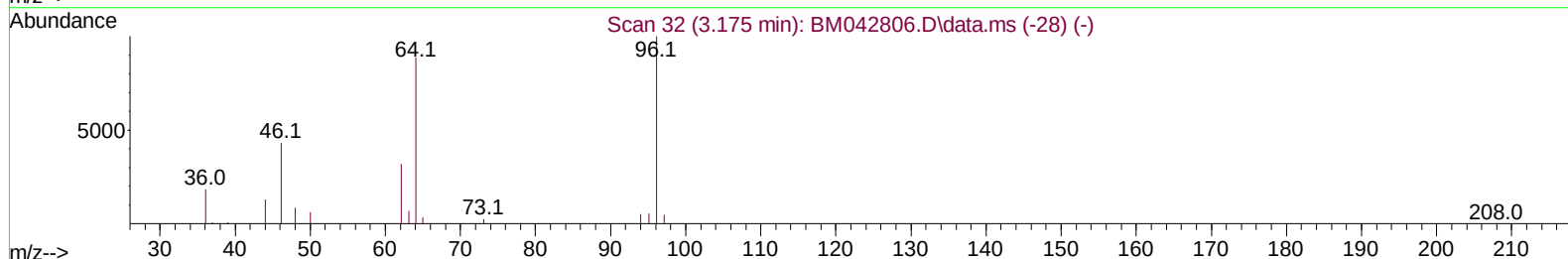
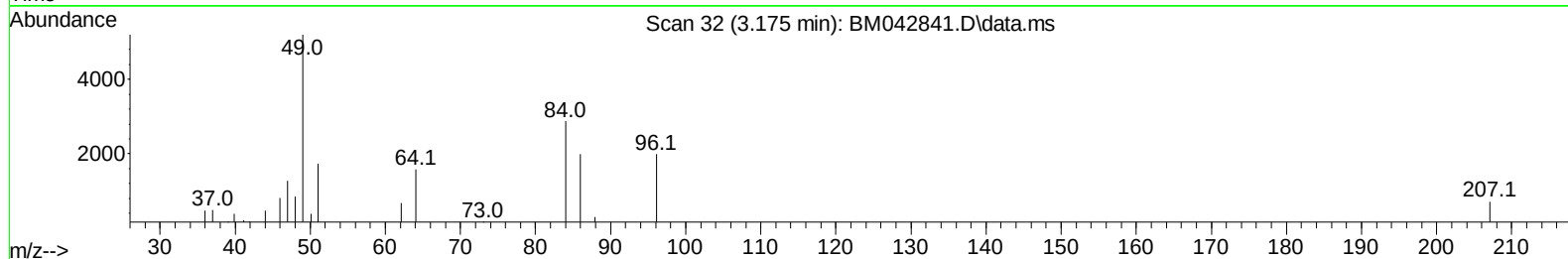
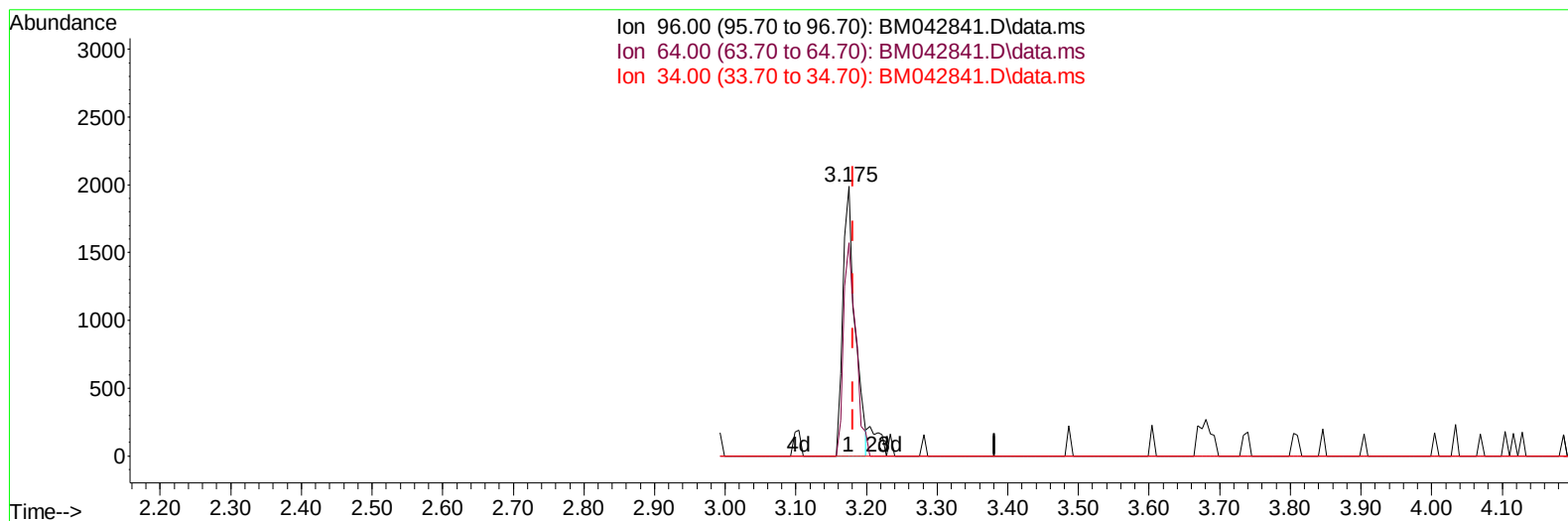
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
 Data File : BM042841.D  
 Acq On : 17 Nov 2023 13:12  
 Operator : MA/JU  
 Sample : 05268-05  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCKC3

Manual IntegrationsAPPROVED

Quant Time: Nov 17 14:27:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 15 22:28:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023  
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042841.D\data.ms

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

**3.175min (-0.006) 4.08 ng/uL**

**response 2385**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 69.40  | 79.12  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

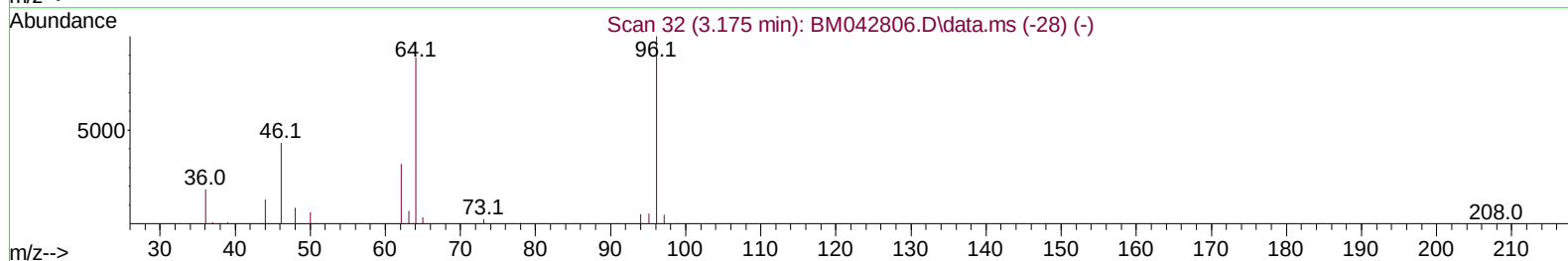
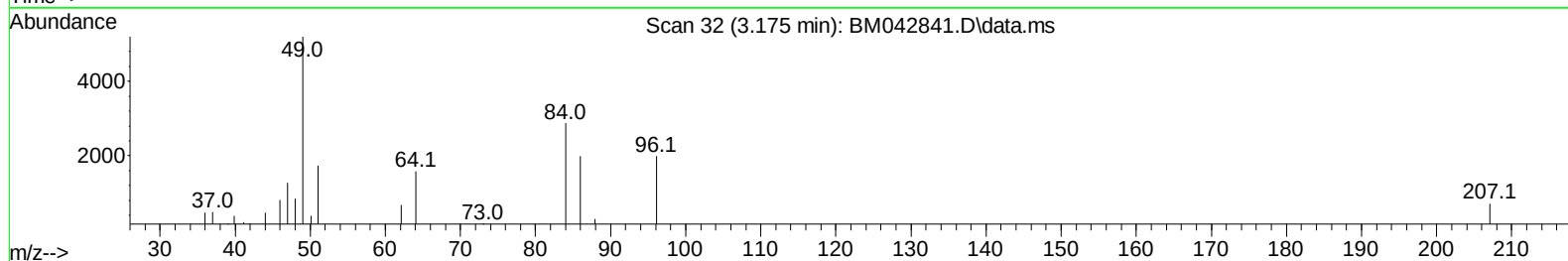
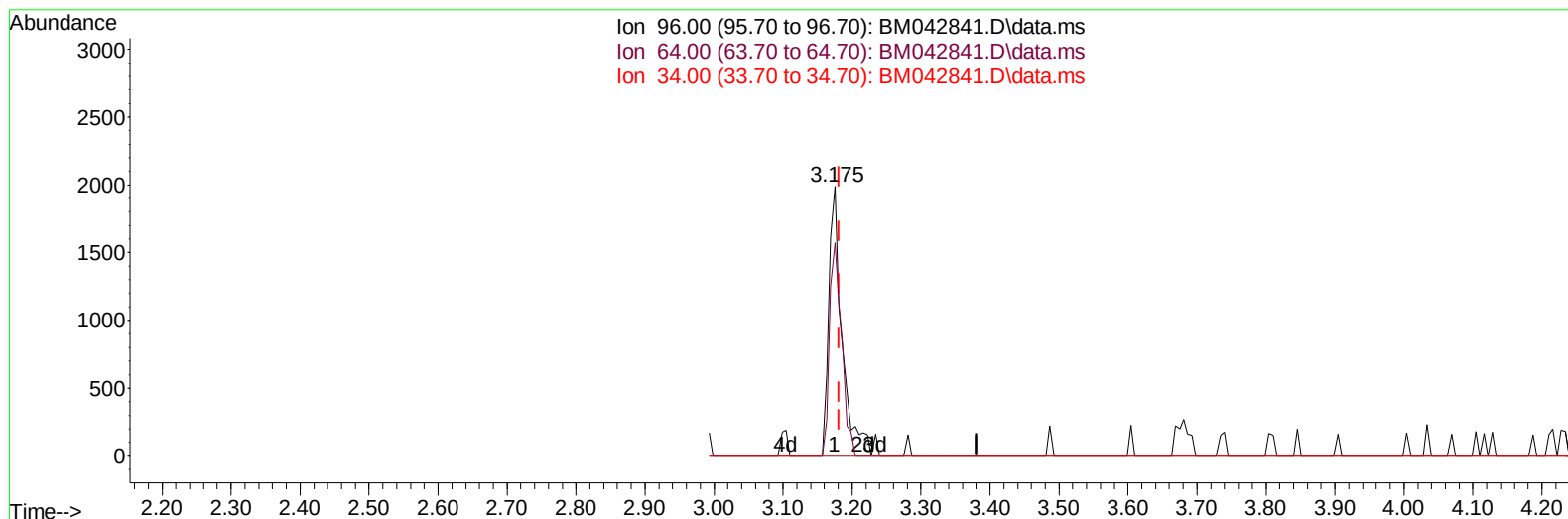
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TIC: BM042841.D\data.ms

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

**3.175min (-0.006) 4.60 ng/uL m**

**response 2690**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 69.40  | 79.12  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

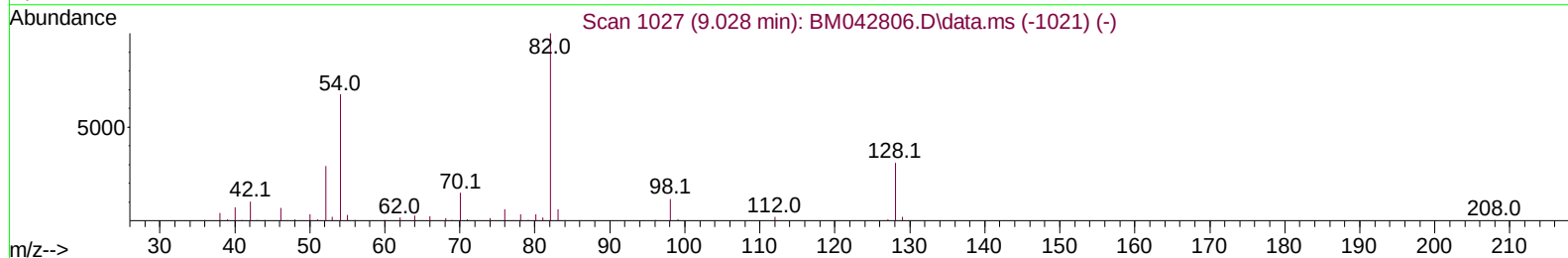
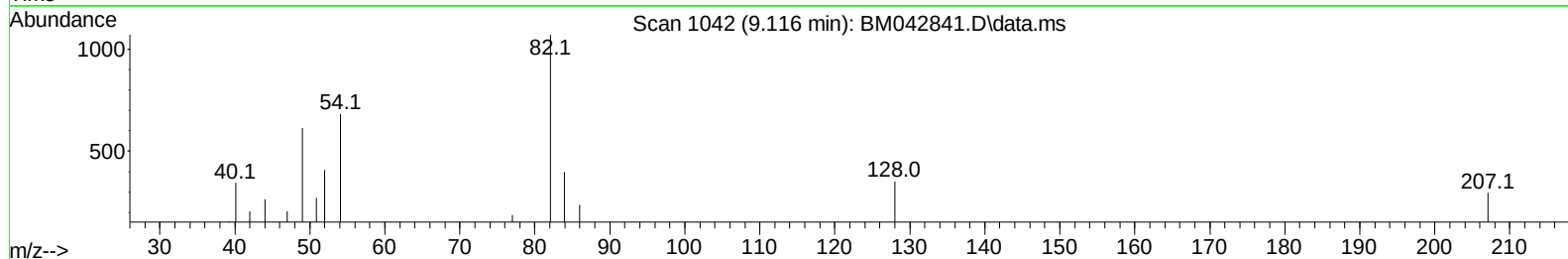
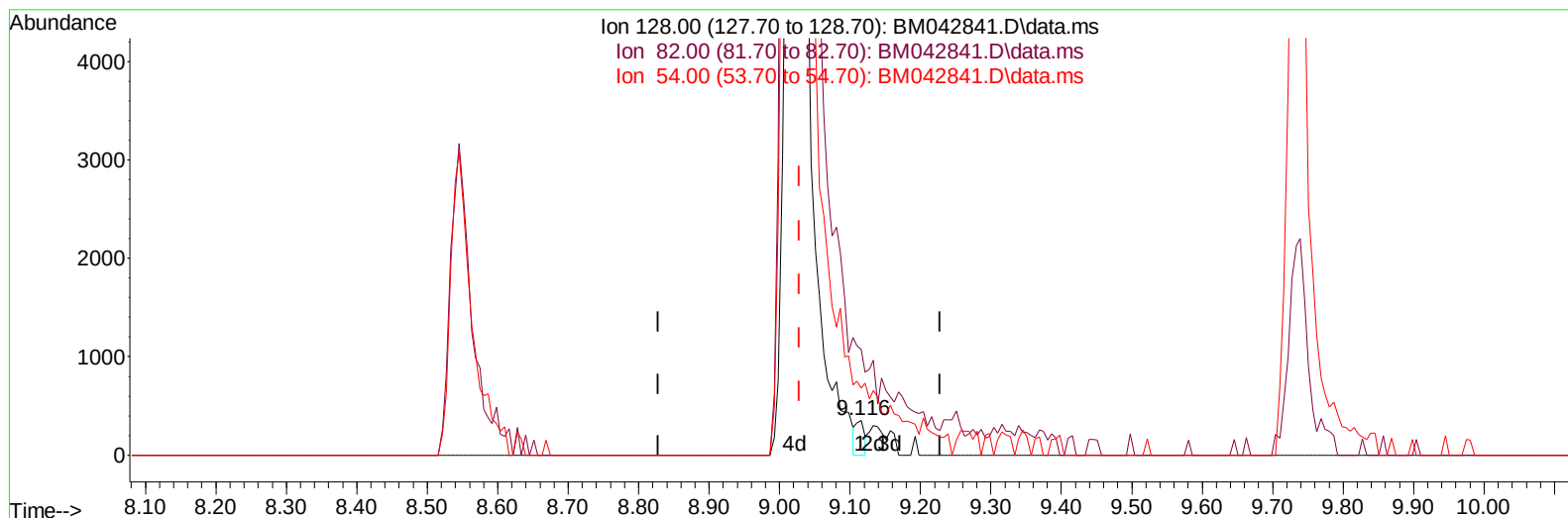
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Manual IntegrationsAPPROVED

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TIC: BM042841.D\data.ms

(21) Nitrobenzene-d5 (S)

9.116min (+ 0.088) 0.44 ng/u1

response 308

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 82.00  | 289.30 | 303.68 |
| 54.00  | 185.60 | 193.48 |
| 0.00   | 0.00   | 0.00   |

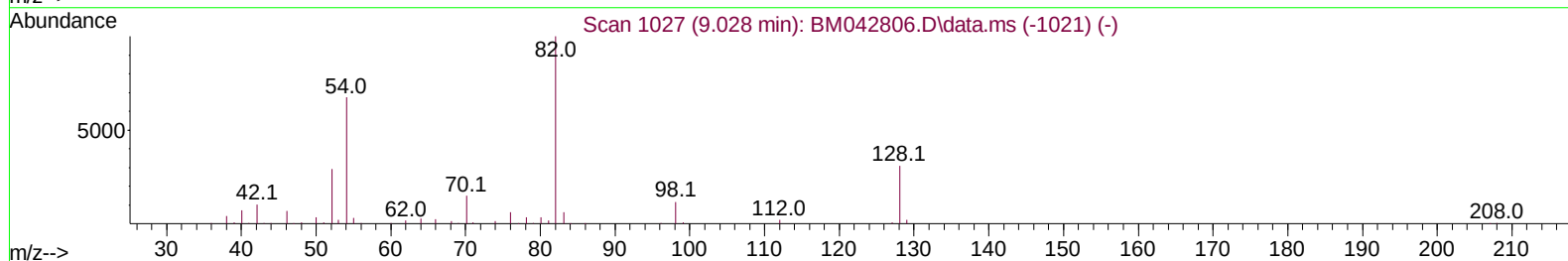
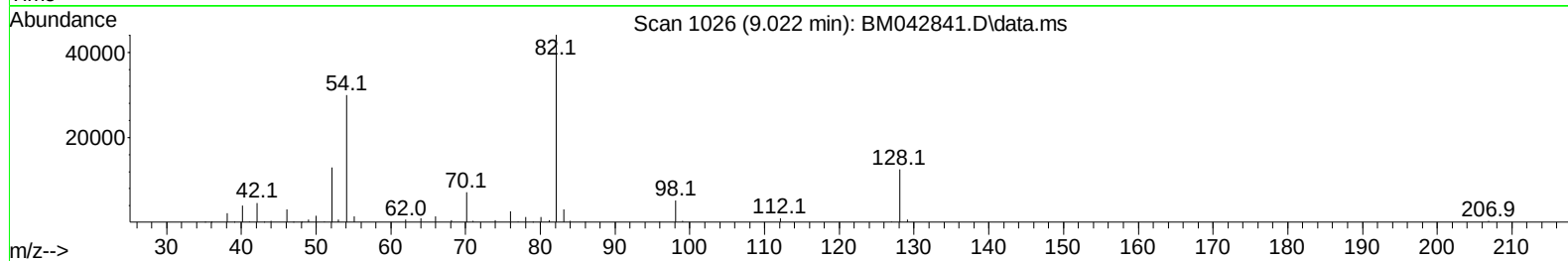
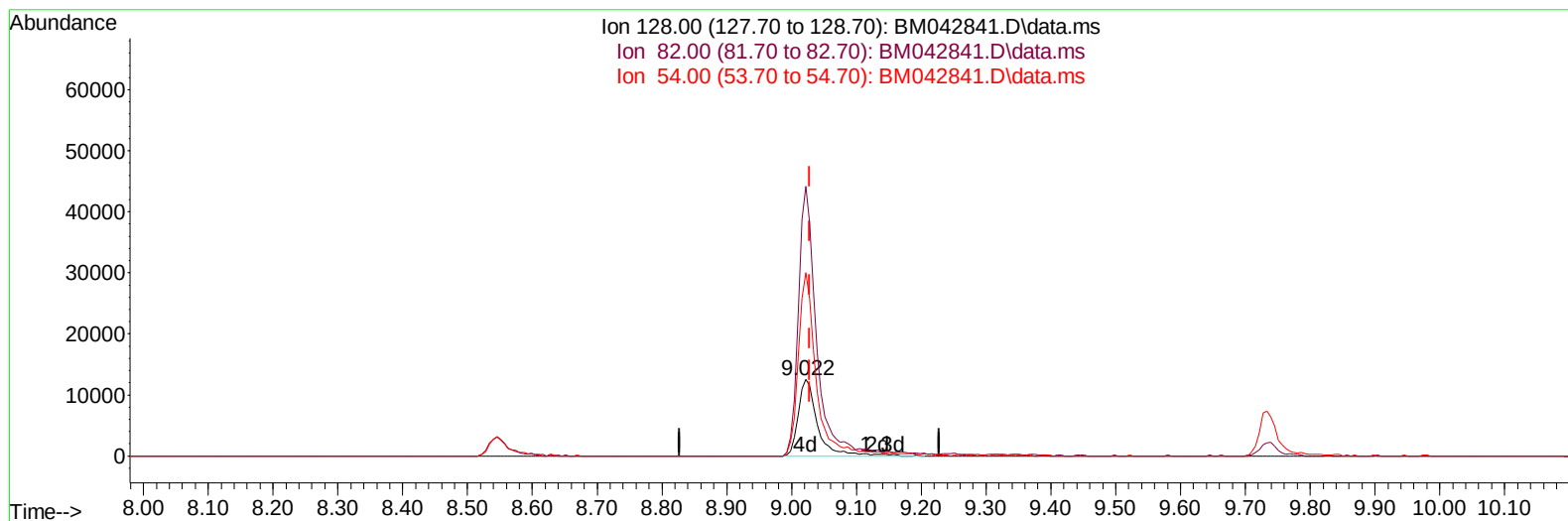
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
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 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM042841.D\data.ms

(21) Nitrobenzene-d5 (S)

9.022min (-0.006) 37.37 ng/ul m

response 25870

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 289.30 | 352.98# |
| 54.00  | 185.60 | 240.08# |
| 0.00   | 0.00   | 0.00    |

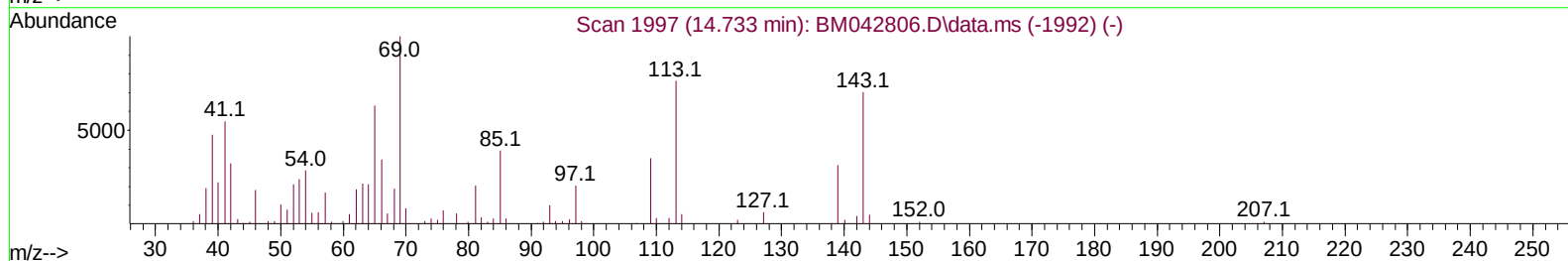
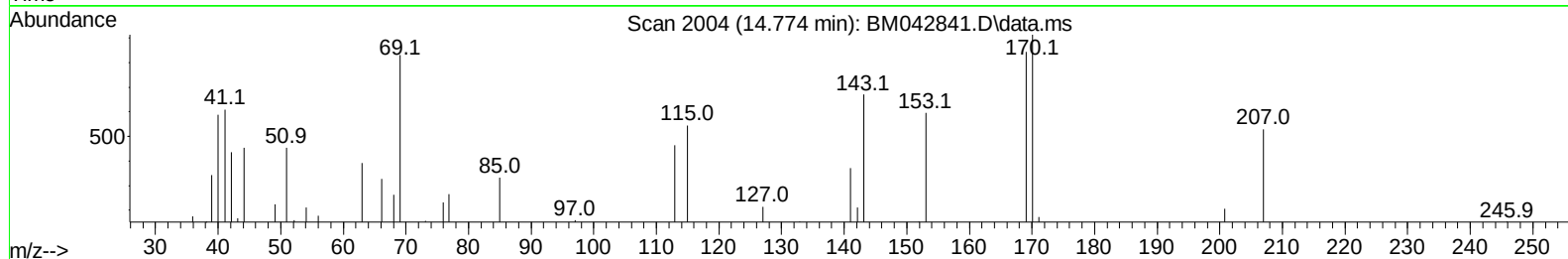
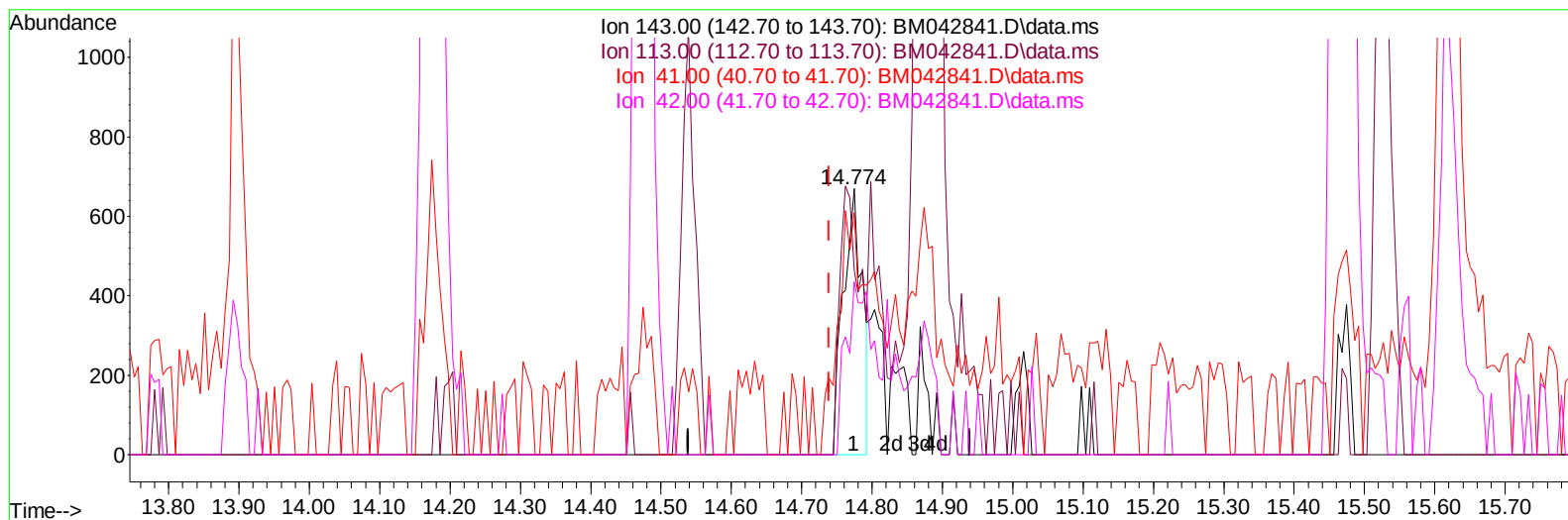
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
Data File : BM042841.D  
Acq On : 17 Nov 2023 13:12  
Operator : MA/JU  
Sample : 05268-05  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCKC3

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 15 22:28:07 2023  
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Reviewed By :Yogesh Patel 11/17/2023  
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TIC: BM042841.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.774min (+ 0.035) 2.24 ng/ul

response 1246

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 110.80 | 69.10# |
| 41.00  | 73.50  | 90.90# |
| 42.00  | 48.00  | 65.07# |

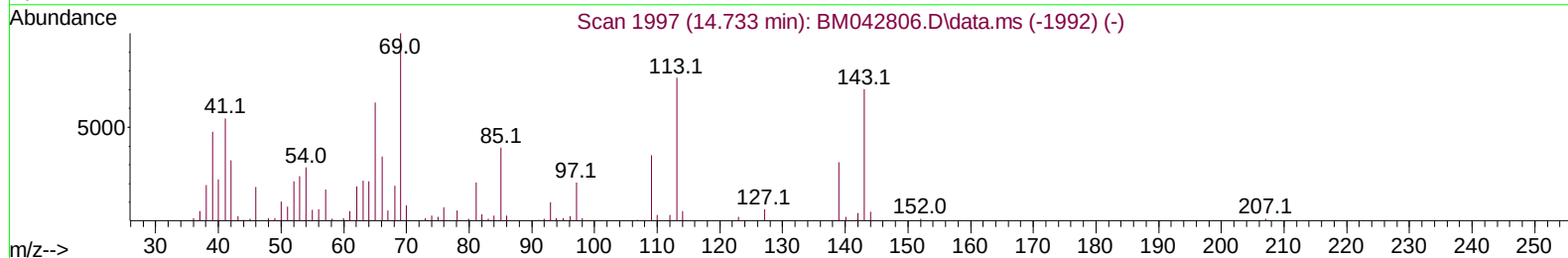
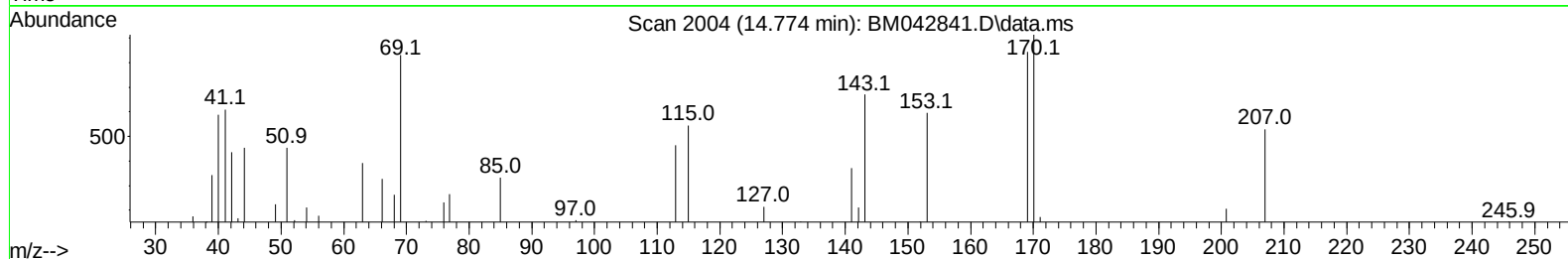
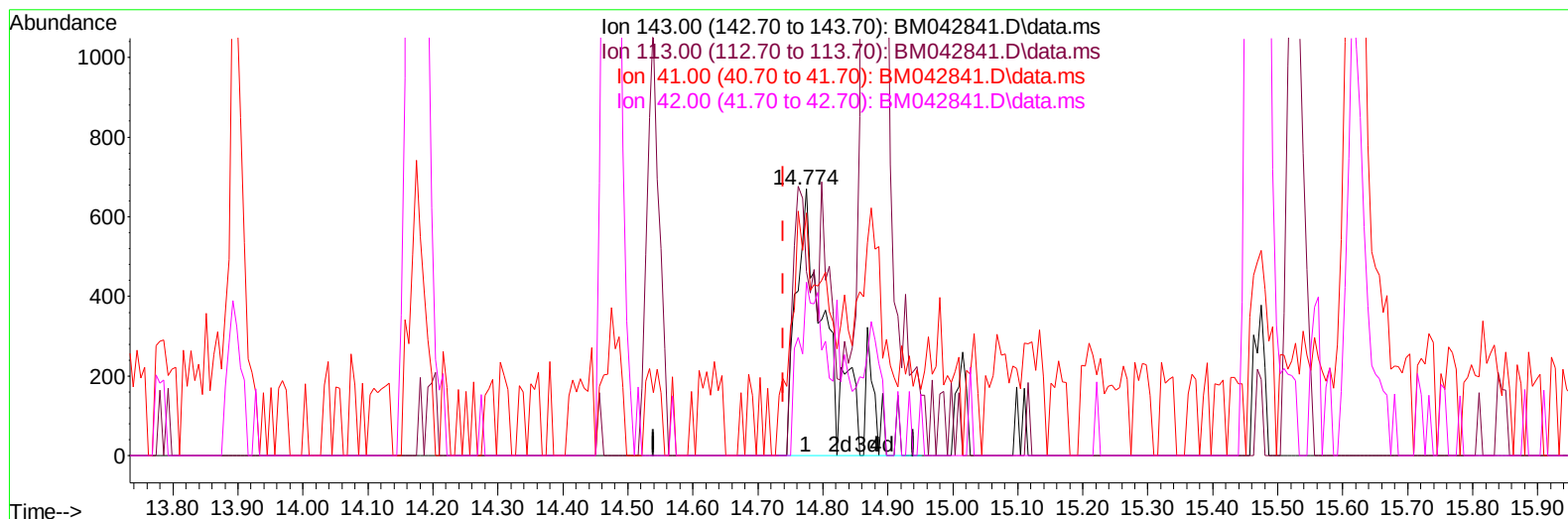
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Sample : 05268-05  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCKC3

Manual IntegrationsAPPROVED

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TIC: BM042841.D\data.ms

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

**14.774min (+ 0.035) 4.37 ng/ul m**

**response 2429**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 110.80 | 69.10# |
| 41.00  | 73.50  | 90.90# |
| 42.00  | 48.00  | 65.07# |

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023  
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 14:30:45 2023  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.822  | 152  | 18342    | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.633 | 136  | 78958    | 20.000  | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.474 | 164  | 52002    | 20.000  | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.227 | 188  | 118661   | 20.000  | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.415 | 240  | 119184   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.774 | 264  | 143317   | 20.000  | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 2690m    | 4.602   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.622  | 84   | 13561    | 9.326   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.998  | 99   | 9676     | 5.420   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 55173    | 43.984  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.345  | 132  | 39204    | 28.462  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.545  | 113  | 21887    | 15.572  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.022  | 128  | 25870m   | 37.370  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.733  | 143  | 26421    | 32.625  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.257 | 165  | 49749    | 33.038  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.816 | 131  | 50483    | 26.405  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.898 | 166  | 228911   | 46.511  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.174 | 160  | 228771   | 43.443  | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.774 | 143  | 2429m    | 4.368   | ng/ul  | 0.03     |
| 60) Fluorene-d10              | 15.468 | 176  | 194866   | 47.814  | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.621 | 200  | 31127    | 34.631  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.327 | 188  | 321313   | 48.317  | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.627 | 212  | 435386   | 55.786  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.621 | 264  | 421634   | 49.184  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.692 | 128  | 4753898  | 961.041 | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.292 | 142  | 164233   | 49.538  | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.516 | 142  | 99043    | 28.414  | ng/ul  | 100      |
| 43) 1,1'-Biphenyl             | 13.310 | 154  | 69862    | 16.109  | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.204 | 152  | 26055    | 4.416   | ng/ul  | 97       |
| 52) Acenaphthene              | 14.539 | 153  | 106877   | 26.782  | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.880 | 168  | 213996   | 38.636  | ng/ul  | 99       |
| 61) Fluorene                  | 15.527 | 166  | 89138    | 18.956  | ng/ul  | 96       |
| 66) 4,6-Dinitro-2-methylph... | 15.633 | 198  | 3772     | 4.122   | ng/ul# | 92       |
| 71) Pentachlorophenol         | 16.868 | 266  | 7636     | 6.868   | ng/ul  | 93       |
| 72) Phenanthrene              | 17.274 | 178  | 80909    | 10.914  | ng/ul  | 97       |
| 77) Carbazole                 | 17.656 | 167  | 312455   | 50.748  | ng/ul  | 99       |
| -----                         |        |      |          |         |        |          |

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

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