

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041524\  
 Data File : BM045273.D  
 Acq On : 16 Apr 2024 09:33  
 Operator : MA/JU  
 Sample : P2051-08  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MC0R51

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/17/2024  
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 11:04:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 15 22:24:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| -----                         |        |      |          |          |       |          |
| Internal Standards            |        |      |          |          |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.622  | 152  | 88291m   | 20.000   | ng/u1 | 0.03     |
| 20) Naphthalene-d8            | 10.351 | 136  | 254152   | 20.000   | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.227 | 164  | 152324   | 20.000   | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 16.992 | 188  | 315671   | 20.000   | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.209 | 240  | 312024   | 20.000   | ng/u1 | 0.00     |
| 88) Perylene-d12              | 23.409 | 264  | 388941   | 20.000   | ng/u1 | 0.00     |
|                               |        |      |          |          |       |          |
| System Monitoring Compounds   |        |      |          |          |       |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 5328     | 2.253    | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.599  | 84   | 16163    | 2.514    | ng/u1 | 0.02     |
| 7) Phenol-d5                  | 6.775  | 99   | 24924    | 3.330    | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.946  | 67   | 224639   | 50.374   | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.122  | 132  | 72680    | 12.394   | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.298  | 113  | 45626m   | 7.788    | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 8.751  | 128  | 47225    | 24.191   | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.457  | 143  | 51617    | 25.050   | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.986  | 165  | 83387    | 22.072   | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.510 | 131  | 124304   | 20.666   | ng/u1 | -0.01    |
| 46) Dimethylphthalate-d6      | 13.663 | 166  | 304188   | 28.681   | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 13.922 | 160  | 334899   | 26.729   | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.510 | 143  | 8554m    | 3.865    | ng/u1 | 0.04     |
| 60) Fluorene-d10              | 15.233 | 176  | 257968   | 27.283   | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.380 | 200  | 40212    | 21.484   | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.092 | 188  | 410115   | 28.880   | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.398 | 212  | 498698   | 32.459   | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.268 | 264  | 592282   | 31.216   | ng/u1 | 0.00     |
|                               |        |      |          |          |       |          |
| Target Compounds              |        |      |          |          |       |          |
| 8) Phenol                     | 6.804  | 94   | 13287    | 1.714    | ng/u1 | 97       |
| 12) 2-Chlorophenol            | 7.151  | 128  | 6836     | 1.111    | ng/u1 | 94       |
| 18) 4-Methylphenol            | 8.363  | 108  | 9966     | 1.616    | ng/u1 | 90       |
| 22) Nitrobenzene              | 8.828  | 77   | 7057096  | 1473.408 | ng/u1 | 96       |
| 32) 4-Chloroaniline           | 10.534 | 127  | 49378    | 8.437    | ng/u1 | 96       |
| -----                         |        |      |          |          |       |          |

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

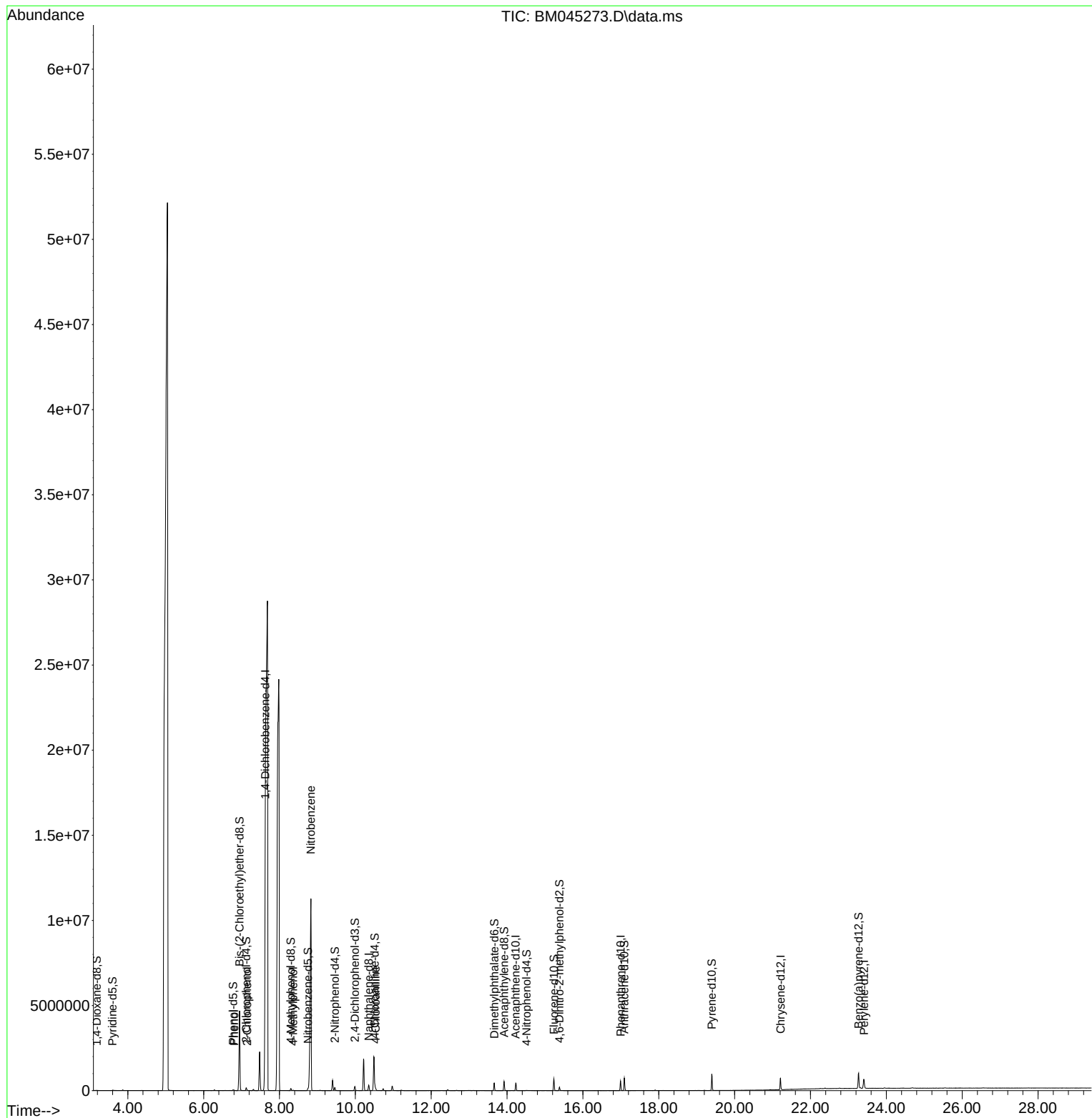
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041524\  
Data File : BM045273.D  
Acq On : 16 Apr 2024 09:33  
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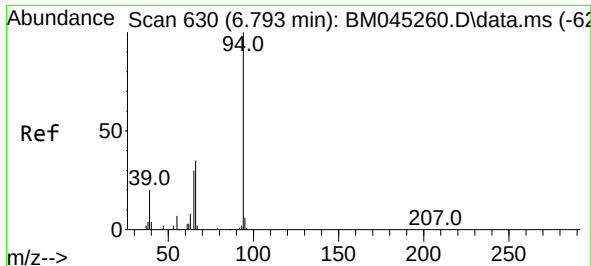
Instrument :  
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ClientSampleId :  
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Quant Time: Apr 16 11:04:21 2024  
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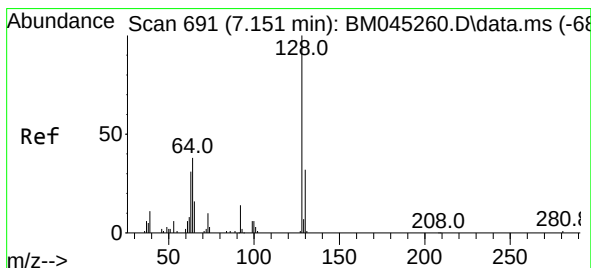
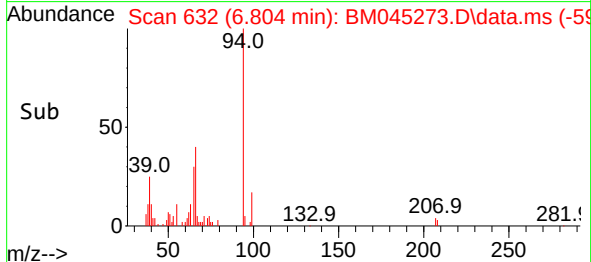
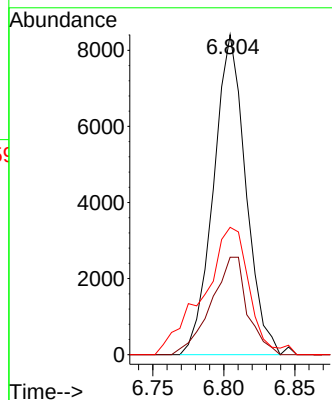
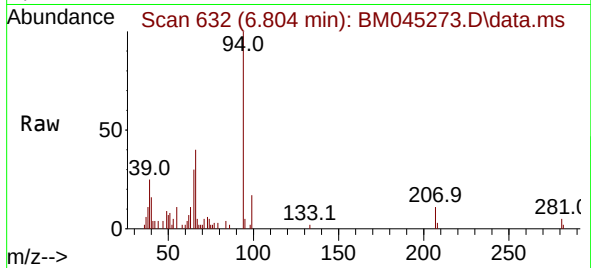
#8  
Phenol  
Concen: 1.714 ng/ul  
RT: 6.804 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM045273.D  
Acq: 16 Apr 2024 09:33

Instrument :  
BNA\_M  
ClientSampleId :  
MC0R51

Tgt Ion: 94 Resp: 1328  
Ion Ratio Lower Upper  
94 100  
65 30.5 21.7 32.5  
66 39.8 31.9 47.9

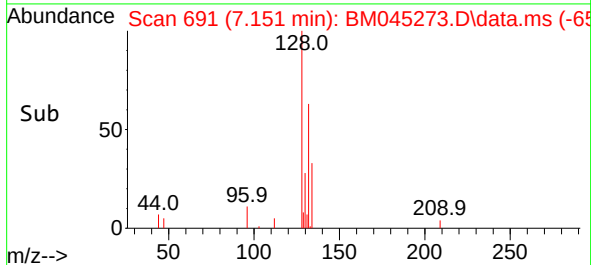
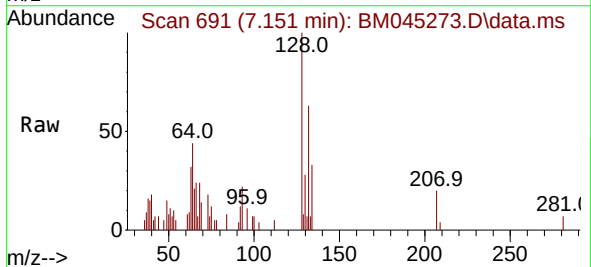
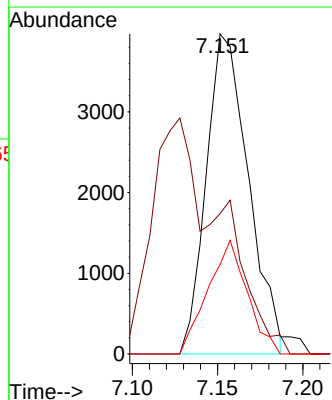
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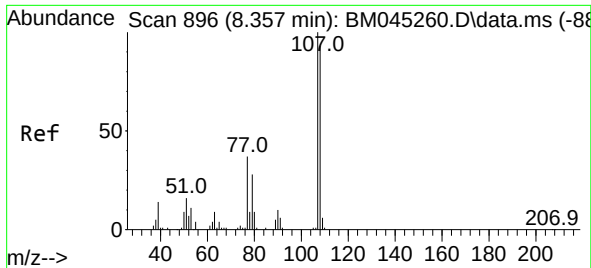
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#12  
2-Chlorophenol  
Concen: 1.111 ng/ul  
RT: 7.151 min Scan# 691  
Delta R.T. 0.000 min  
Lab File: BM045273.D  
Acq: 16 Apr 2024 09:33

Tgt Ion:128 Resp: 6836  
Ion Ratio Lower Upper  
128 100  
64 43.9 33.3 49.9  
130 28.0 26.2 39.4





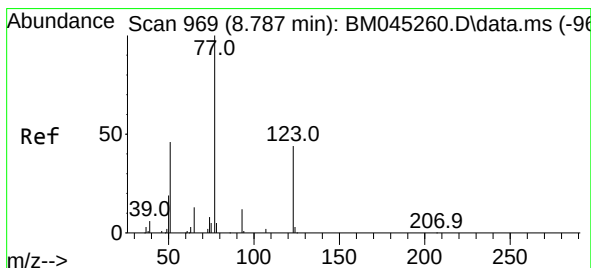
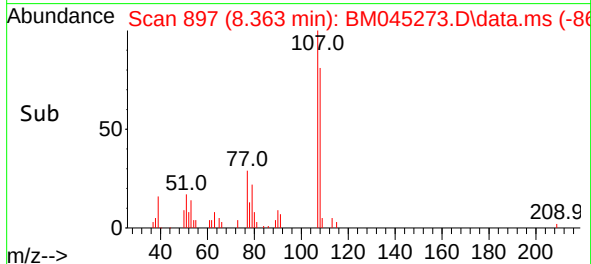
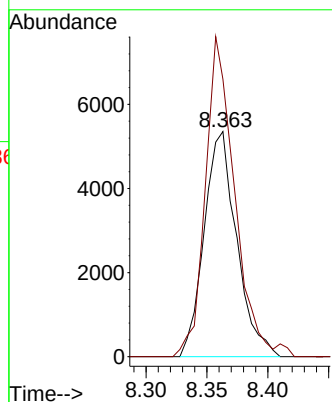
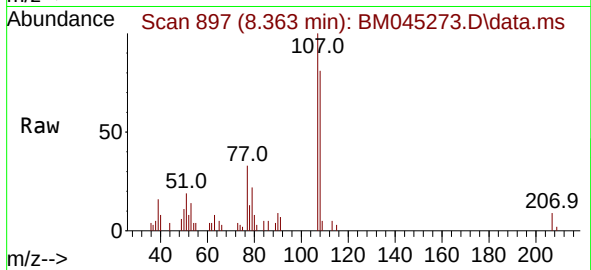
#18  
4-Methylphenol  
Concen: 1.616 ng/ul  
RT: 8.363 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BM045273.D  
Acq: 16 Apr 2024 09:33

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Tgt Ion:108 Resp: 996  
Ion Ratio Lower Upper  
108 100  
107 123.2 90.0 135.0

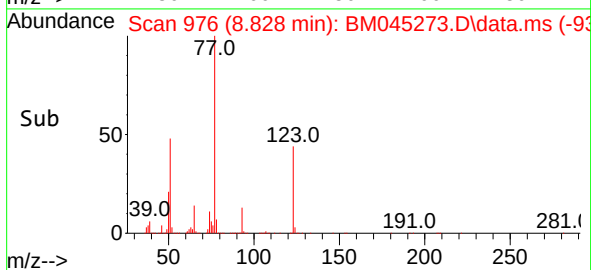
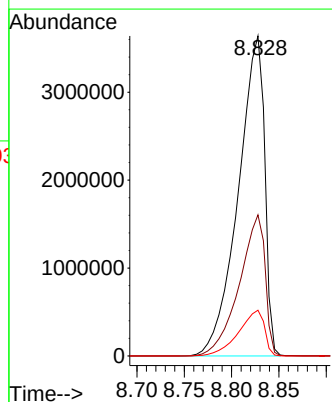
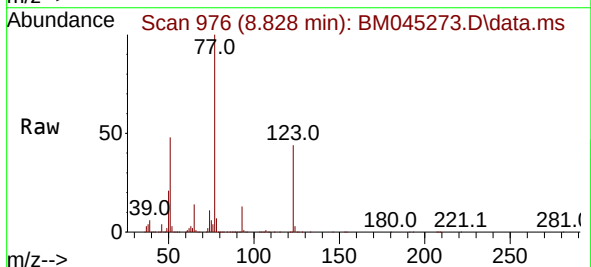
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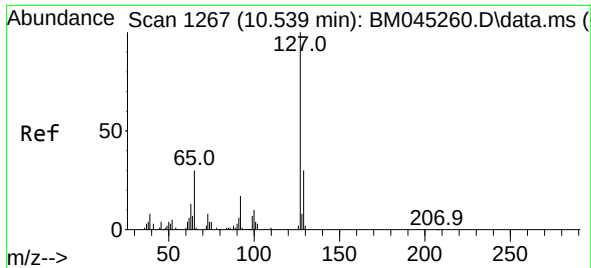
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Supervised By :mohammad ahmed 04/18/2024



#22  
Nitrobenzene  
Concen: 1473.408 ng/ul  
RT: 8.828 min Scan# 976  
Delta R.T. 0.035 min  
Lab File: BM045273.D  
Acq: 16 Apr 2024 09:33

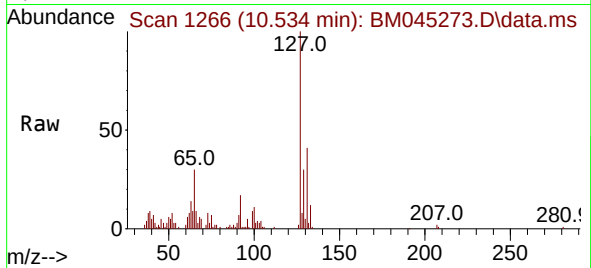
Tgt Ion: 77 Resp: 7057096  
Ion Ratio Lower Upper  
77 100  
123 44.1 37.4 56.2  
65 14.3 10.7 16.1





#32  
4-Chloroaniline  
Concen: 8.437 ng/ul  
RT: 10.534 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BM045273.D  
Acq: 16 Apr 2024 09:33

Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion:127 Resp: 49378  
Ion Ratio Lower Upper  
127 100  
129 30.4 26.2 39.2

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