

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100124\  
 Data File : BM047773.D  
 Acq On : 02 Oct 2024 12:07  
 Operator : RC/JU  
 Sample : P4018-15DL 30X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCK3DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024  
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 12:44:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 28 02:30:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.810  | 152  | 269603   | 20.000  | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.604 | 136  | 1131660  | 20.000  | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.439 | 164  | 731326   | 20.000  | ng/u1 | -0.01    |
| 64) Phenanthrene-d10          | 17.180 | 188  | 1469145  | 20.000  | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.403 | 240  | 1407959  | 20.000  | ng/u1 | 0.00     |
| 88) Perylene-d12              | 24.403 | 264  | 1648421  | 20.000  | ng/u1 | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 3) 1,4-Dioxane-d8             | 3.257  | 96   | 1387     | 0.166   | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.693  | 84   | 12672    | 0.519   | ng/u1 | 0.02     |
| 7) Phenol-d5                  | 6.975  | 99   | 27458    | 1.077   | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 18101    | 1.001   | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.345  | 132  | 22532    | 1.215   | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.510  | 113  | 19966    | 1.053   | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 10030    | 1.113   | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.681  | 143  | 9634     | 1.116   | ng/u1 | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165  | 20359    | 1.180   | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 20310    | 0.762   | ng/u1 | -0.02    |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 68659    | 1.295   | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.133 | 160  | 81493    | 1.296   | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.645 | 143  | 11991m   | 1.136   | ng/u1 | 0.01     |
| 60) Fluorene-d10              | 15.433 | 176  | 63752    | 1.388   | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200  | 5758     | 0.670   | ng/u1 | -0.01    |
| 73) Anthracene-d10            | 17.274 | 188  | 93801    | 1.298   | ng/u1 | -0.01    |
| 81) Pyrene-d10                | 19.562 | 212  | 114882   | 1.438   | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.197 | 264  | 110840   | 1.296   | ng/u1 | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       |          |
| 36) 2-Methylnaphthalene       | 12.263 | 142  | 111275   | 2.690   | ng/u1 | 97       |
| 37) 1-Methylnaphthalene       | 12.480 | 142  | 66220    | 1.574   | ng/u1 | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 557294   | 46.938  | ng/u1 | 98       |
| 71) Pentachlorophenol         | 16.839 | 266  | 4065544  | 362.795 | ng/u1 | 98       |
| -----                         |        |      |          |         |       |          |

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

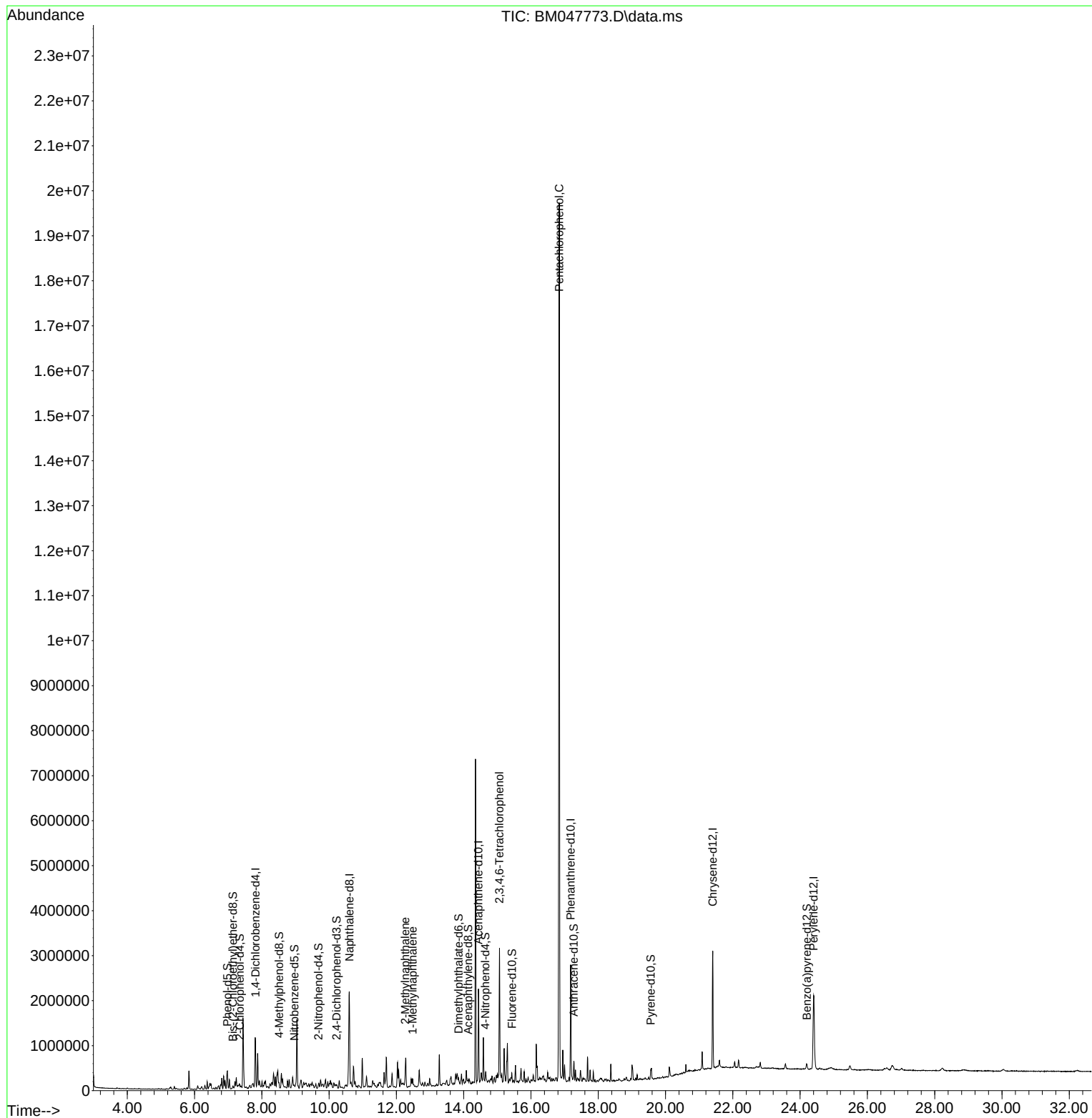
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100124\  
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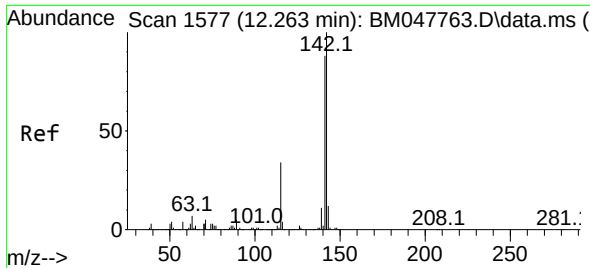
Instrument :  
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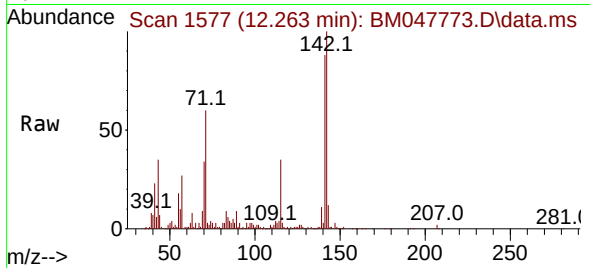
Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/04/2024





#36  
2-Methylnaphthalene  
Concen: 2.690 ng/ul  
RT: 12.263 min Scan# 11127  
Delta R.T. -0.006 min  
Lab File: BM047773.D  
Acq: 02 Oct 2024 12:07

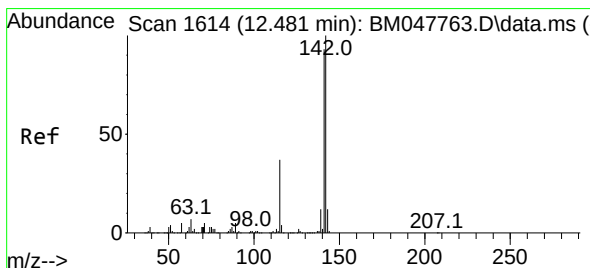
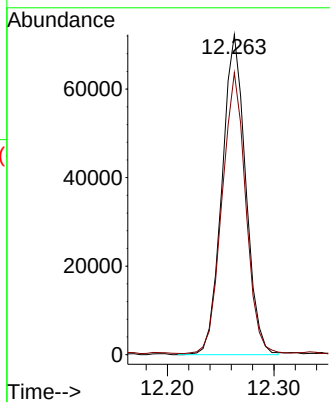
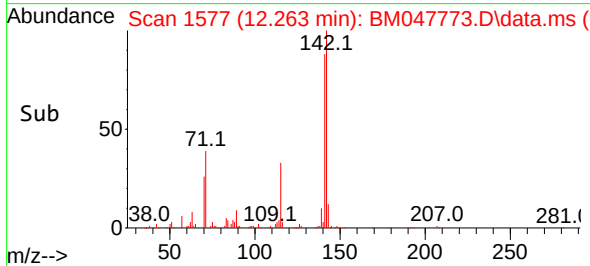
Instrument :  
BNA\_M  
ClientSampleId :  
DDCK3DL



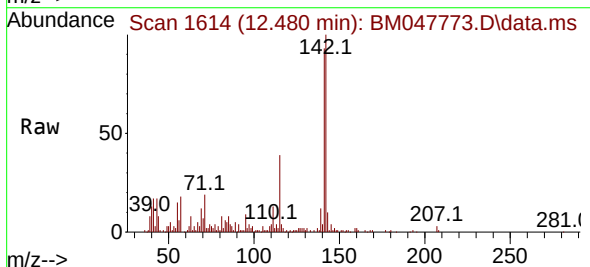
Tgt Ion:142 Resp: 11127  
Ion Ratio Lower Upper  
142 100  
141 88.1 72.5 108.7

Manual Integrations  
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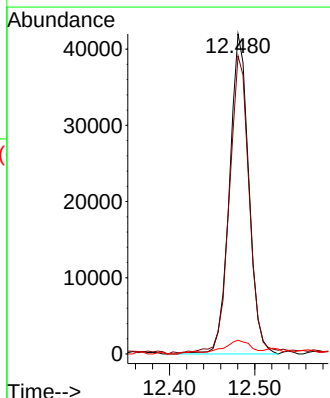
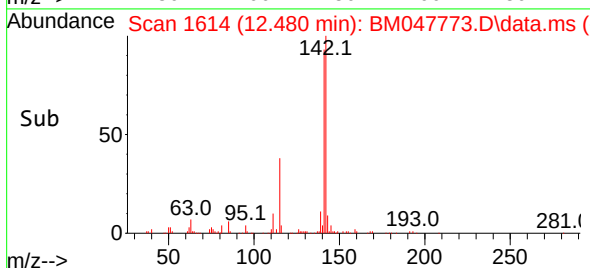
Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/04/2024

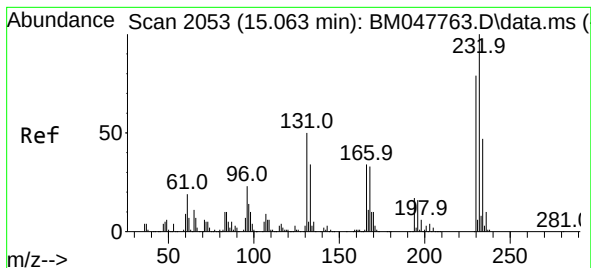


#37  
1-Methylnaphthalene  
Concen: 1.574 ng/ul  
RT: 12.480 min Scan# 1614  
Delta R.T. -0.012 min  
Lab File: BM047773.D  
Acq: 02 Oct 2024 12:07



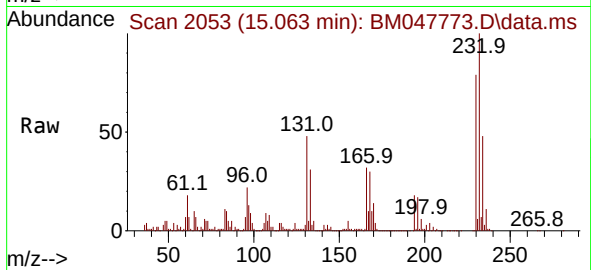
Tgt Ion:142 Resp: 66220  
Ion Ratio Lower Upper  
142 100  
141 93.1 73.4 110.2  
116 4.3 3.0 4.6





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 46.938 ng/ul  
RT: 15.063 min Scan# 2053  
Delta R.T. -0.006 min  
Lab File: BM047773.D  
Acq: 02 Oct 2024 12:07

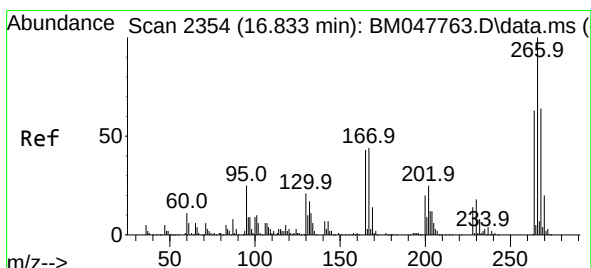
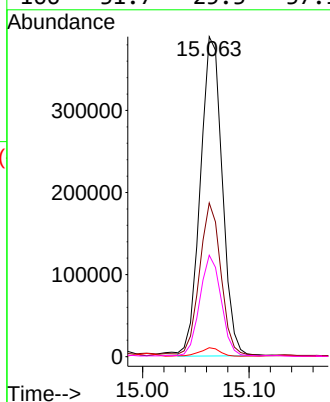
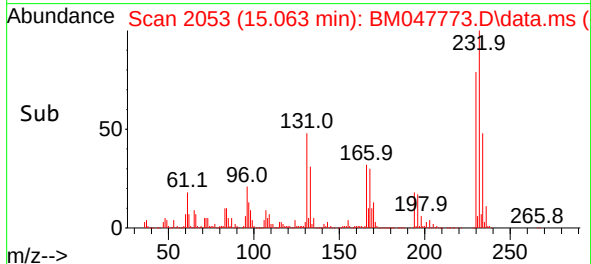
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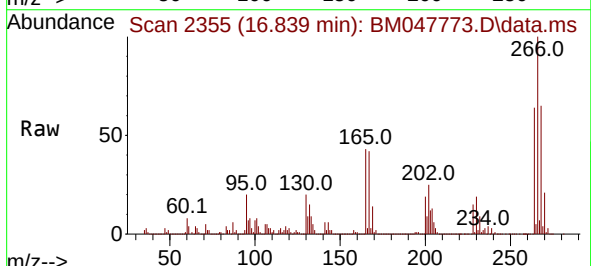
Tgt Ion:232 Resp: 557294  
Ion Ratio Lower Upper  
232 100  
131 48.1 40.2 60.4  
130 2.8 2.6 4.0  
166 31.7 25.3 37.9

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#71  
Pentachlorophenol  
Concen: 362.795 ng/ul  
RT: 16.839 min Scan# 2355  
Delta R.T. -0.000 min  
Lab File: BM047773.D  
Acq: 02 Oct 2024 12:07



Tgt Ion:266 Resp: 4065544  
Ion Ratio Lower Upper  
266 100  
264 64.1 50.2 75.2  
268 64.6 50.9 76.3

