

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100324\  
 Data File : BM047834.D  
 Acq On : 04 Oct 2024 09:05  
 Operator : RC/JU  
 Sample : P4020-13DL 10X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCK9DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024  
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 04 11:02:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 04 08:32:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min)  |
|-------------------------------|--------|------|----------|---------|--------|-----------|
| -----                         |        |      |          |         |        |           |
| Internal Standards            |        |      |          |         |        |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.798  | 152  | 258059   | 20.000  | ng/ul  | 0.00      |
| 20) Naphthalene-d8            | 10.592 | 136  | 1023216  | 20.000  | ng/ul  | # 0.00    |
| 38) Acenaphthene-d10          | 14.433 | 164  | 631448   | 20.000  | ng/ul  | 0.00      |
| 64) Phenanthrene-d10          | 17.174 | 188  | 1289923  | 20.000  | ng/ul  | 0.00      |
| 79) Chrysene-d12              | 21.397 | 240  | 1204345  | 20.000  | ng/ul  | 0.00      |
| 88) Perylene-d12              | 24.397 | 264  | 1356058  | 20.000  | ng/ul  | 0.00      |
|                               |        |      |          |         |        |           |
| System Monitoring Compounds   |        |      |          |         |        |           |
| 3) 1,4-Dioxane-d8             | 3.252  | 96   | 5174m    | 0.648   | ng/uL  | 0.00      |
| 4) Pyridine-d5                | 3.675  | 84   | 54043    | 2.311   | ng/ul  | 0.01      |
| 7) Phenol-d5                  | 6.969  | 99   | 54067    | 2.216   | ng/ul  | 0.00      |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 33046    | 1.908   | ng/ul  | 0.00      |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 46428    | 2.615   | ng/ul  | 0.00      |
| 15) 4-Methylphenol-d8         | 8.504  | 113  | 35730    | 1.969   | ng/ul  | 0.00      |
| 21) Nitrobenzene-d5           | 8.951  | 128  | 17624    | 2.163   | ng/ul  | 0.00      |
| 24) 2-Nitrophenol-d4          | 9.675  | 143  | 16426    | 2.104   | ng/ul  | 0.00      |
| 28) 2,4-Dichlorophenol-d3     | 10.216 | 165  | 33984    | 2.179   | ng/ul  | 0.00      |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 41741    | 1.731   | ng/ul  | 0.00      |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 122775   | 2.682   | ng/ul  | 0.00      |
| 49) Acenaphthylene-d8         | 14.127 | 160  | 139197   | 2.564   | ng/ul  | 0.00      |
| 54) 4-Nitrophenol-d4          | 14.633 | 143  | 9206     | 1.010   | ng/ul  | 0.00      |
| 60) Fluorene-d10              | 15.427 | 176  | 110910   | 2.797   | ng/ul  | 0.00      |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200  | 9438     | 1.250   | ng/ul  | 0.00      |
| 73) Anthracene-d10            | 17.268 | 188  | 163403   | 2.576   | ng/ul  | 0.00      |
| 81) Pyrene-d10                | 19.556 | 212  | 193377   | 2.829   | ng/ul  | 0.00      |
| 92) Benzo(a)pyrene-d12        | 24.186 | 264  | 173928   | 2.472   | ng/ul  | 0.00      |
|                               |        |      |          |         |        |           |
| Target Compounds              |        |      |          |         |        |           |
| 36) 2-Methylnaphthalene       | 12.257 | 142  | 83238    | 2.226   | ng/ul  | Qvalue 95 |
| 37) 1-Methylnaphthalene       | 12.475 | 142  | 52354    | 1.376   | ng/ul  | 100       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 456357   | 44.516  | ng/ul# | 98        |
| 71) Pentachlorophenol         | 16.839 | 266  | 4101293  | 416.835 | ng/ul  | 99        |
| -----                         |        |      |          |         |        |           |

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

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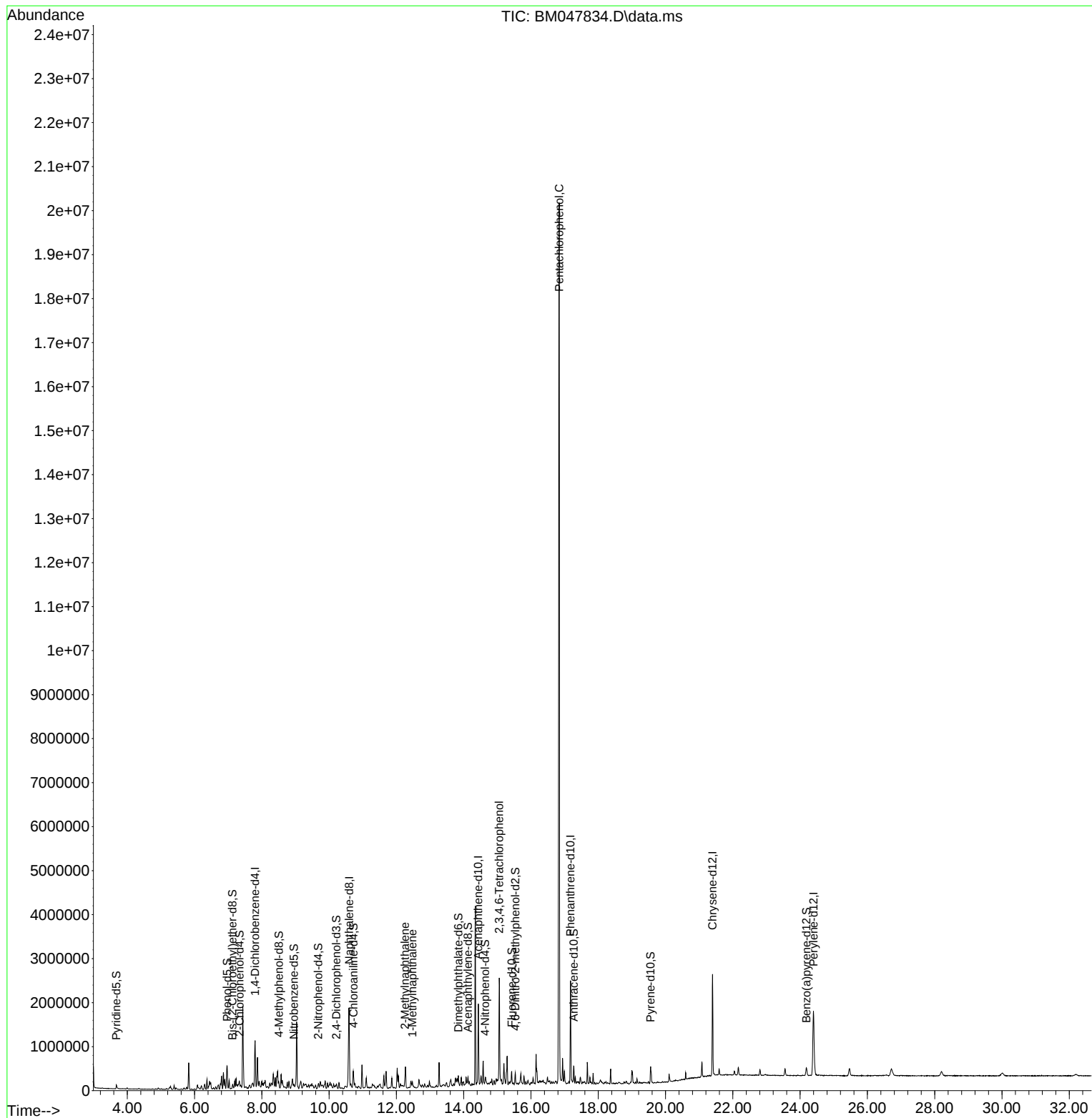
Quant Time: Oct 04 11:02:33 2024

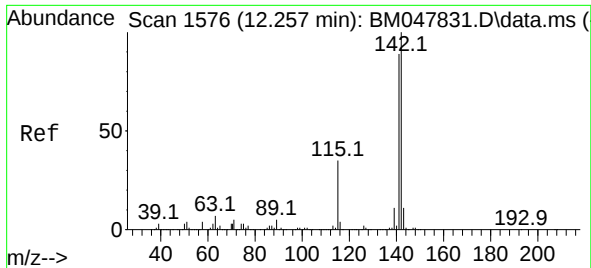
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M

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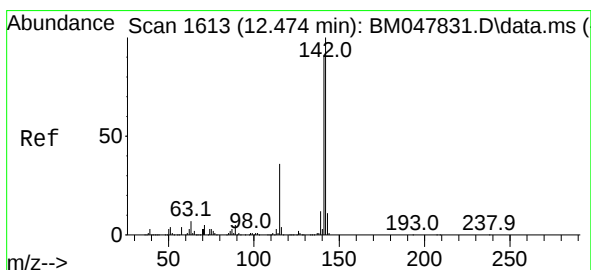
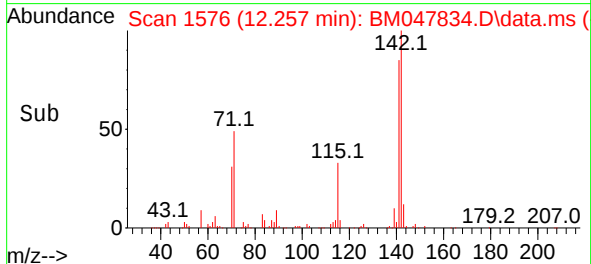
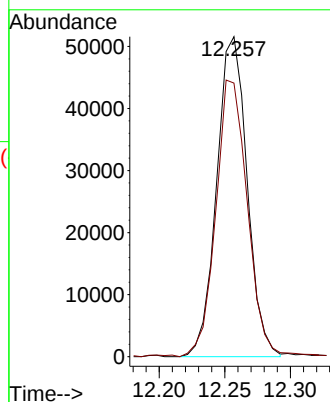
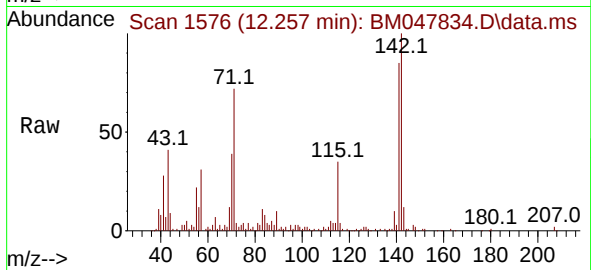
#36  
2-Methylnaphthalene  
Concen: 2.226 ng/ul  
RT: 12.257 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: BM047834.D  
Acq: 04 Oct 2024 09:05

Instrument :  
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Tgt Ion:142 Resp: 83238  
Ion Ratio Lower Upper  
142 100  
141 85.5 72.5 108.7

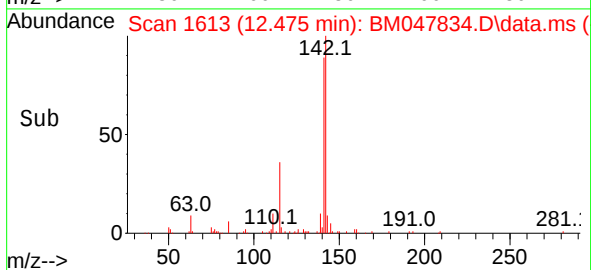
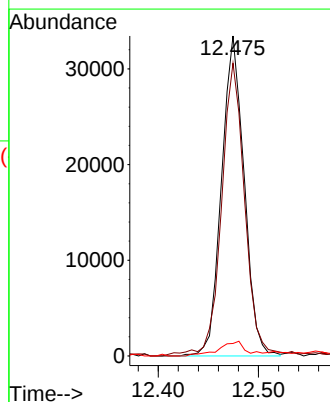
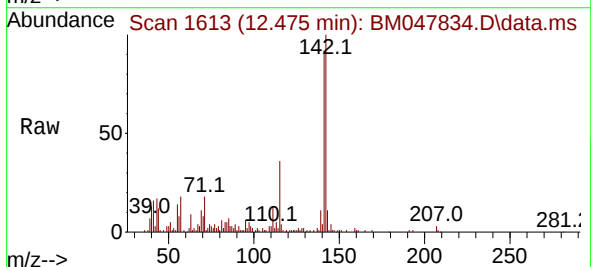
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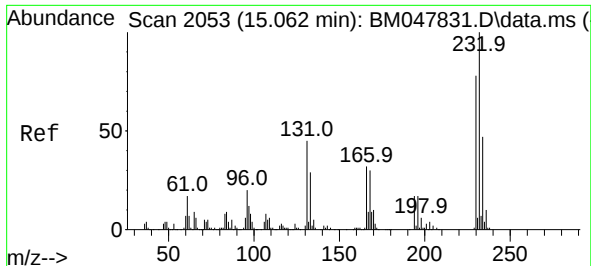
Reviewed By :Jagrut Upadhyay 10/04/2024  
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#37  
1-Methylnaphthalene  
Concen: 1.376 ng/ul  
RT: 12.475 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: BM047834.D  
Acq: 04 Oct 2024 09:05

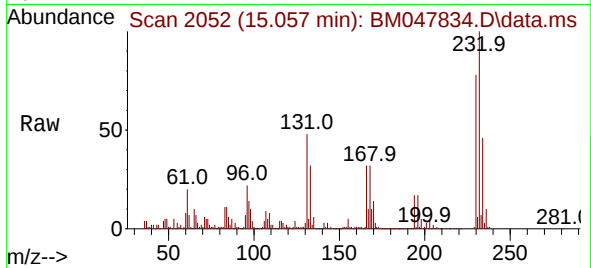
Tgt Ion:142 Resp: 52354  
Ion Ratio Lower Upper  
142 100  
141 91.5 73.4 110.2  
116 3.9 3.0 4.6





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 44.516 ng/ul  
RT: 15.057 min Scan# 2053  
Delta R.T. -0.006 min  
Lab File: BM047834.D  
Acq: 04 Oct 2024 09:05

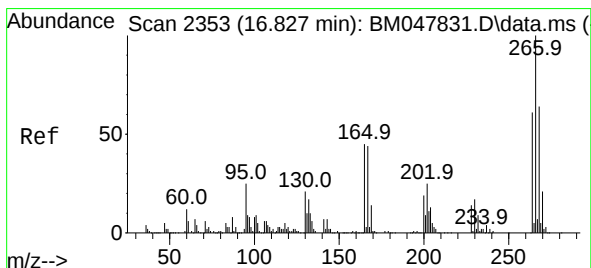
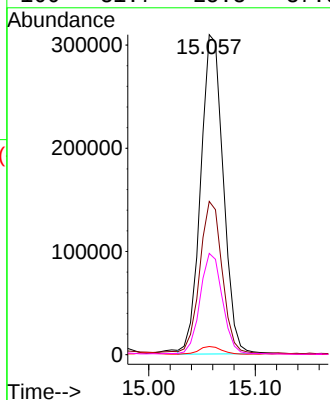
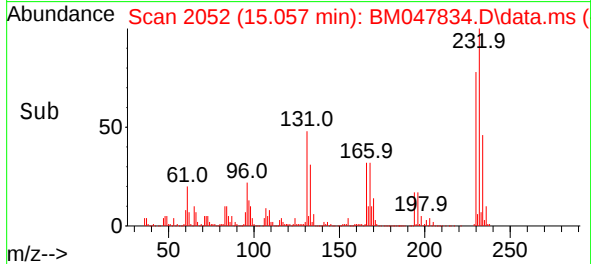
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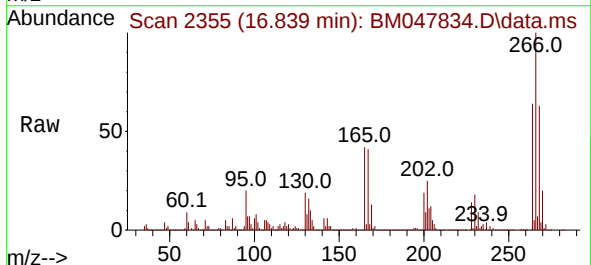
Tgt Ion:232 Resp: 45635  
Ion Ratio Lower Upper  
232 100  
131 47.9 40.2 60.4  
130 2.6 2.6 4.0  
166 31.7 25.3 37.9

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#71  
Pentachlorophenol  
Concen: 416.835 ng/ul  
RT: 16.839 min Scan# 2355  
Delta R.T. 0.012 min  
Lab File: BM047834.D  
Acq: 04 Oct 2024 09:05



Tgt Ion:266 Resp: 4101293  
Ion Ratio Lower Upper  
266 100  
264 64.1 50.2 75.2  
268 63.3 50.9 76.3

