

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100324\  
 Data File : BM047812.D  
 Acq On : 03 Oct 2024 17:20  
 Operator : RC/JU  
 Sample : P4020-12DL 20X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCK8DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024  
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 03 17:57:12 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     | 7.804  | 152  | 221930   | 20.000  | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.592 | 136  | 926471   | 20.000  | ng/u1  | -0.02    |
| 38) Acenaphthene-d10          | 14.439 | 164  | 600118   | 20.000  | ng/u1  | -0.01    |
| 64) Phenanthrene-d10          | 17.174 | 188  | 1263005  | 20.000  | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.398 | 240  | 1213400  | 20.000  | ng/u1  | -0.01    |
| 88) Perylene-d12              | 24.403 | 264  | 1413439  | 20.000  | ng/u1  | -0.01    |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000   | ng/uL  |          |
| 4) Pyridine-d5                | 3.687  | 84   | 9769m    | 0.486   | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 6.969  | 99   | 11873    | 0.566   | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 9119     | 0.612   | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 9961     | 0.652   | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.510  | 113  | 8455     | 0.542   | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.957  | 128  | 4700     | 0.637   | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.681  | 143  | 4025     | 0.569   | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.216 | 165  | 8909     | 0.631   | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.728 | 131  | 12629    | 0.578   | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 32792    | 0.754   | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 14.127 | 160  | 37058    | 0.718   | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/u1  |          |
| 60) Fluorene-d10              | 15.427 | 176  | 29233    | 0.776   | ng/u1  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 200  | 2447m    | 0.331   | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.274 | 188  | 46508    | 0.749   | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.557 | 212  | 54500    | 0.791   | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 24.197 | 264  | 48289    | 0.658   | ng/u1  | -0.01    |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         |        |          |
| 36) 2-Methylnaphthalene       | 12.257 | 142  | 36520    | 1.079   | ng/u1  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 91905    | 9.433   | ng/u1# | 91       |
| 71) Pentachlorophenol         | 16.827 | 266  | 1167075  | 121.144 | ng/u1  | 99       |
| -----                         |        |      |          |         |        |          |

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

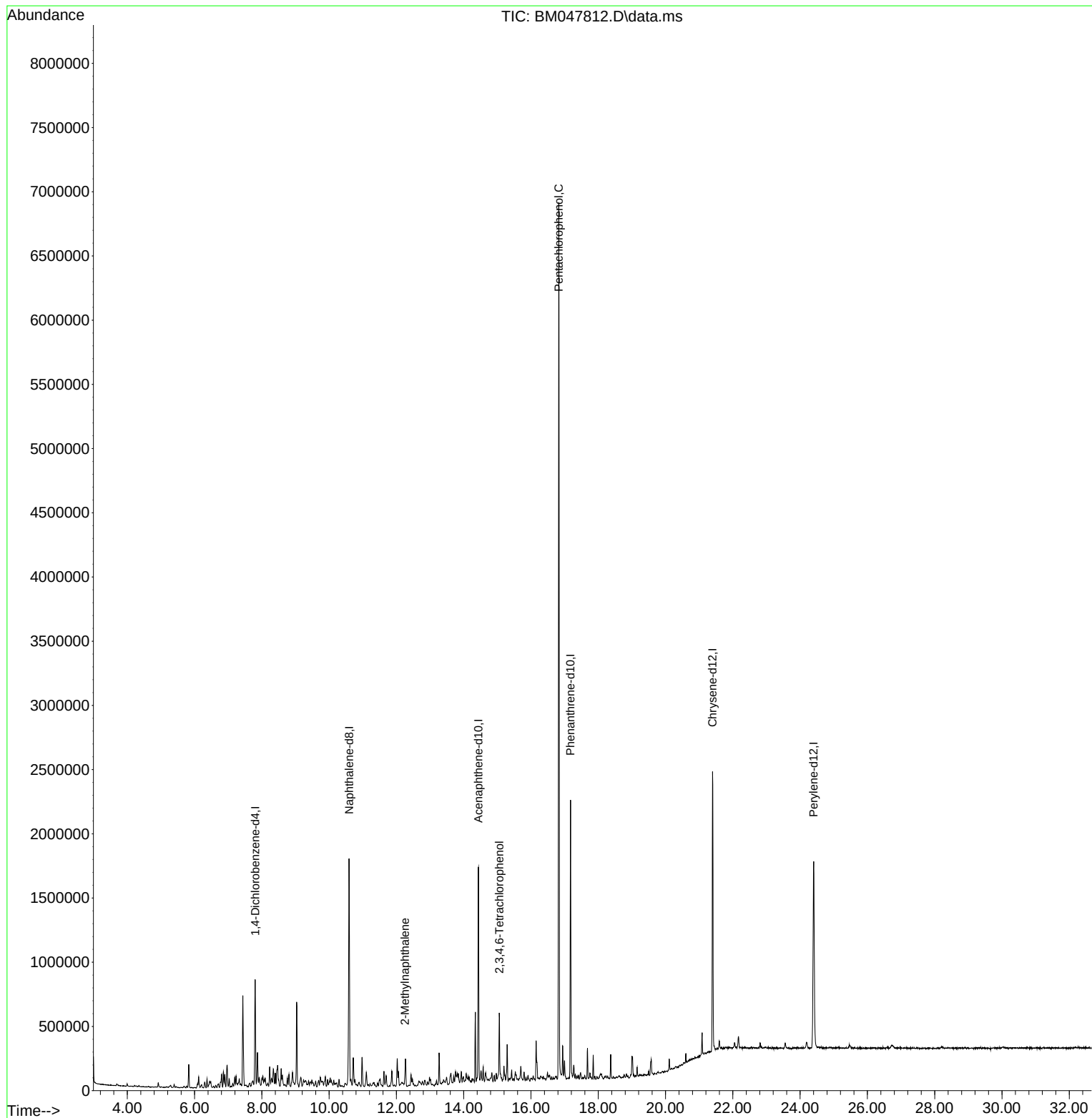
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100324\  
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Sample : P4020-12DL 20X  
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ALS Vial : 10 Sample Multiplier: 1

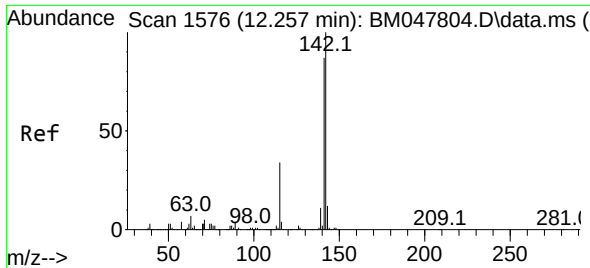
Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Time: Oct 03 17:57:12 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
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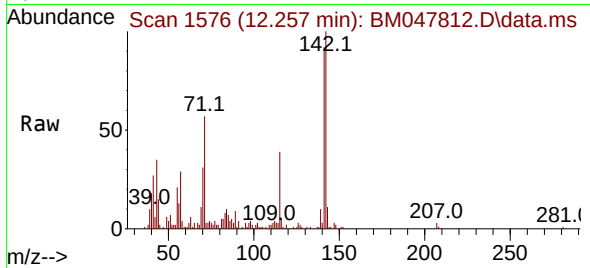
Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/06/2024





#36  
2-Methylnaphthalene  
Concen: 1.079 ng/ul  
RT: 12.257 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM047812.D  
Acq: 03 Oct 2024 17:20

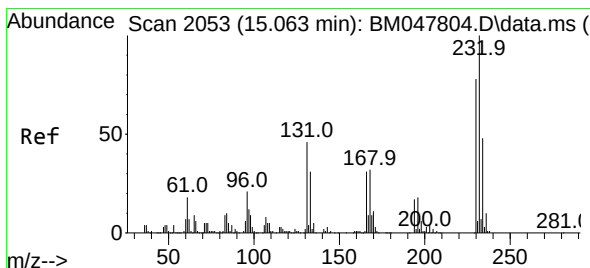
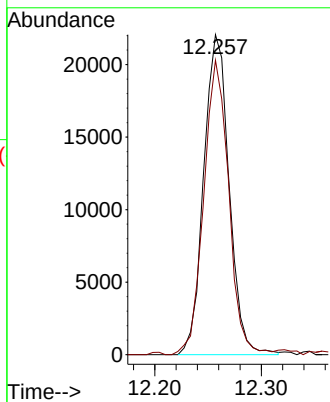
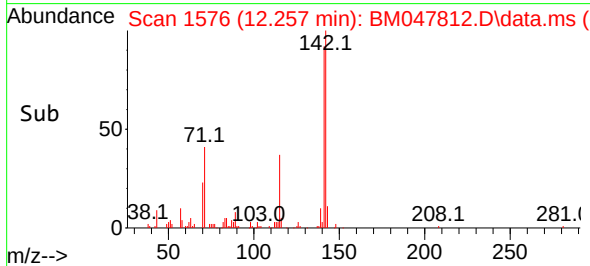
Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8DL



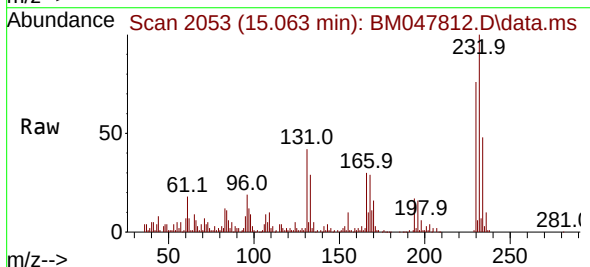
Tgt Ion:142 Resp: 36520  
Ion Ratio Lower Upper  
142 100  
141 92.0 72.5 108.7

Manual Integrations  
APPROVED

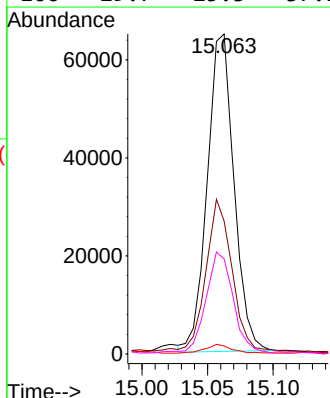
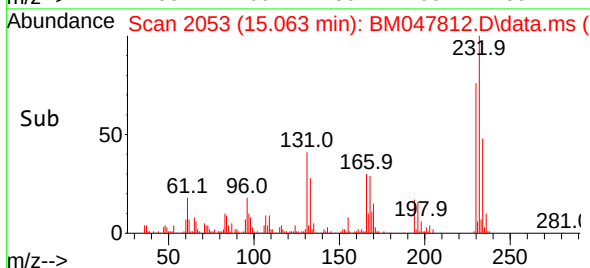
Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/06/2024

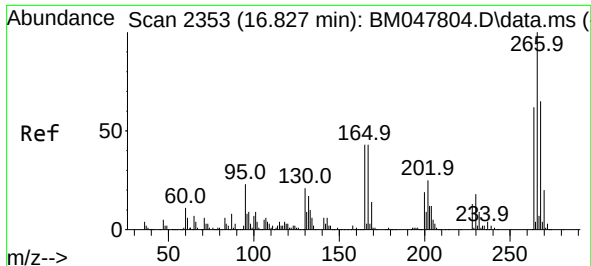


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 9.433 ng/ul  
RT: 15.063 min Scan# 2053  
Delta R.T. -0.006 min  
Lab File: BM047812.D  
Acq: 03 Oct 2024 17:20



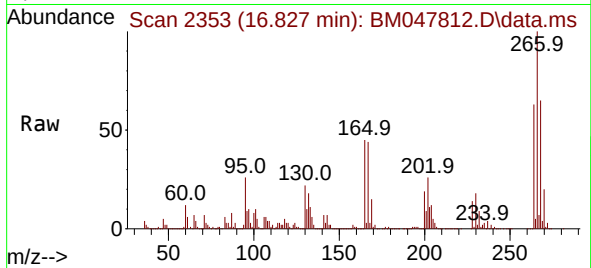
Tgt Ion:232 Resp: 91905  
Ion Ratio Lower Upper  
232 100  
131 41.5 40.2 60.4  
130 2.5 2.6 4.0#  
166 29.7 25.3 37.9





#71  
 Pentachlorophenol  
 Concen: 121.144 ng/ul  
 RT: 16.827 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM047812.D  
 Acq: 03 Oct 2024 17:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCK8DL



Tgt Ion:266 Resp: 1167075  
 Ion Ratio Lower Upper  
 266 100  
 264 62.5 50.2 75.2  
 268 64.5 50.9 76.3

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