

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080624\  
 Data File : BM047029.D  
 Acq On : 06 Aug 2024 19:13  
 Operator : RC/JU  
 Sample : P3171-08DL 30X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVX0DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 07 07:51:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 07 04:48:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.398  | 152  | 161715   | 20.000  | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.151 | 136  | 624527   | 20.000  | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.051 | 164  | 396787   | 20.000  | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 16.810 | 188  | 845145   | 20.000  | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.045 | 240  | 764444   | 20.000  | ng/u1 | 0.00     |
| 88) Perylene-d12              | 23.750 | 264  | 880728   | 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                | 0.000  | 84   | 0d       | 0.000   | ng/u1 |          |
| 7) Phenol-d5                  | 6.604  | 99   | 10819    | 0.881   | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.757  | 67   | 8384     | 1.037   | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 6.940  | 132  | 8734     | 0.839   | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.122  | 113  | 7852     | 0.807   | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 8.545  | 128  | 4797     | 0.957   | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.251  | 143  | 4082     | 0.746   | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.792  | 165  | 7672     | 0.730   | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.310 | 131  | 10324    | 0.748   | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 13.480 | 166  | 27994    | 0.923   | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 13.739 | 160  | 31663    | 0.935   | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/u1 |          |
| 60) Fluorene-d10              | 15.057 | 176  | 25469    | 0.981   | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000   | ng/u1 |          |
| 73) Anthracene-d10            | 16.910 | 188  | 37908m   | 0.946   | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.221 | 212  | 41425    | 0.947   | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.562 | 264  | 38649    | 0.833   | ng/u1 | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       |          |
| 36) 2-Methylnaphthalene       | 11.827 | 142  | 26828    | 1.162   | ng/u1 | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.692 | 232  | 65156    | 8.334   | ng/u1 | 100      |
| 71) Pentachlorophenol         | 16.468 | 266  | 913783   | 125.301 | ng/u1 | 99       |
| -----                         |        |      |          |         |       |          |

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

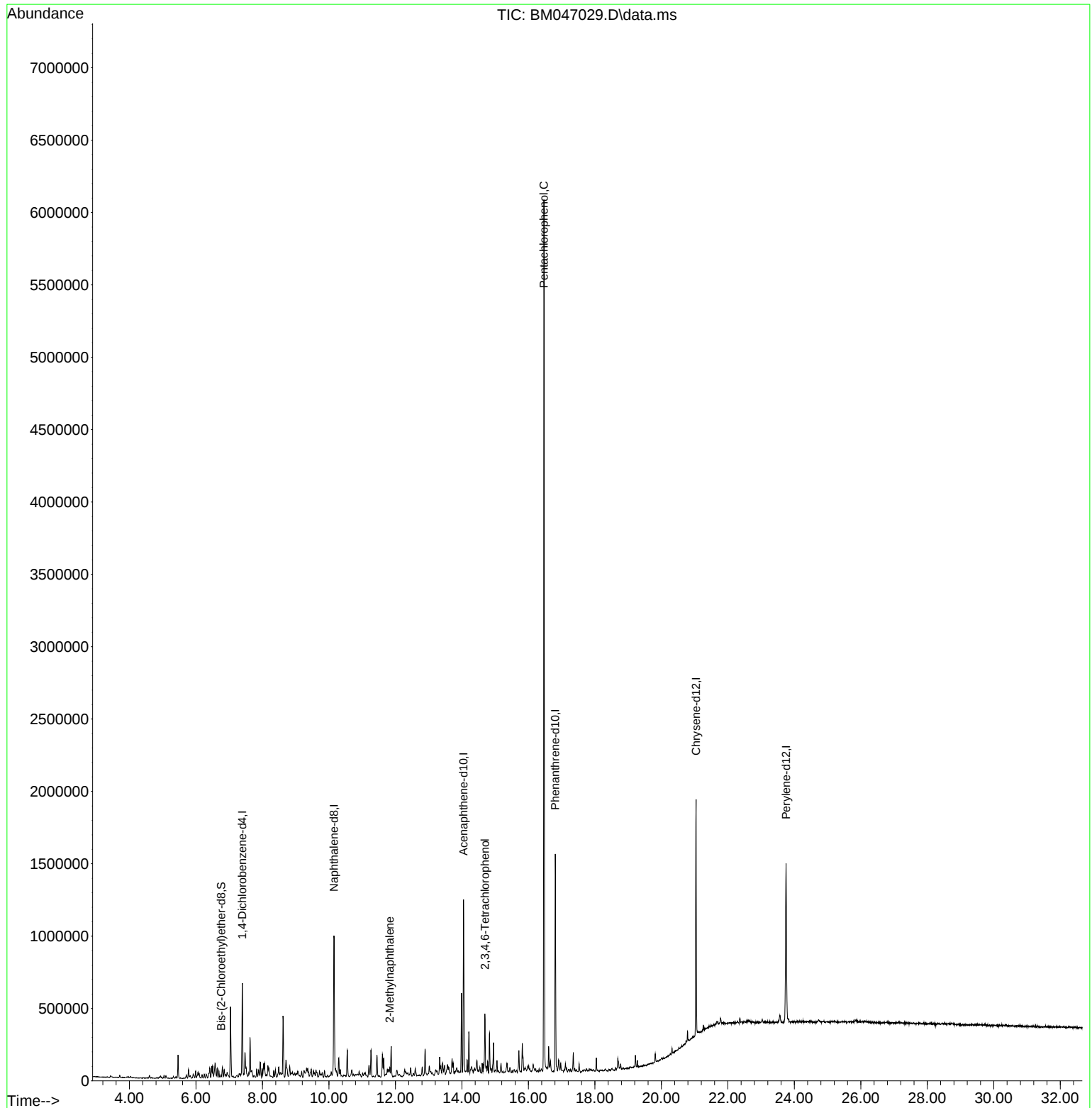
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080624\  
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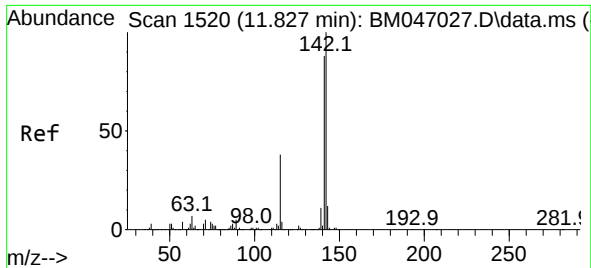
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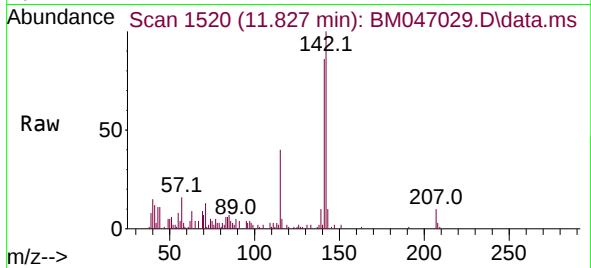
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/30/2024





#36  
2-Methylnaphthalene  
Concen: 1.162 ng/ul  
RT: 11.827 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: BM047029.D  
Acq: 06 Aug 2024 19:13

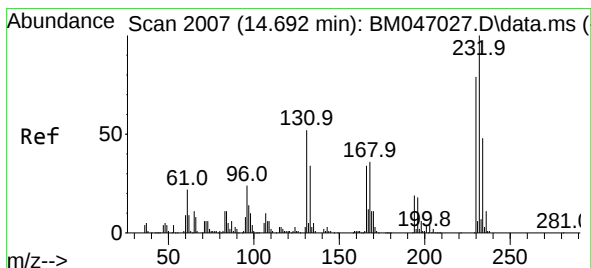
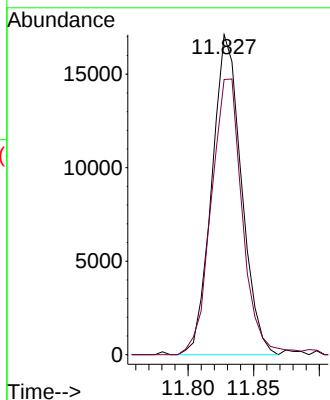
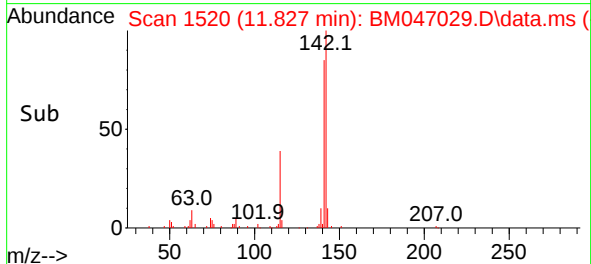
Instrument :  
BNA\_M  
ClientSampleId :  
DCVX0DL



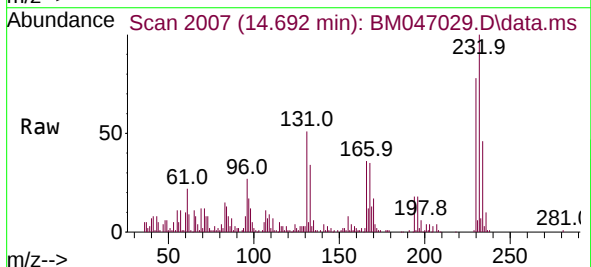
Tgt Ion:142 Resp: 26828  
Ion Ratio Lower Upper  
142 100  
141 86.0 69.9 104.9

Manual Integrations  
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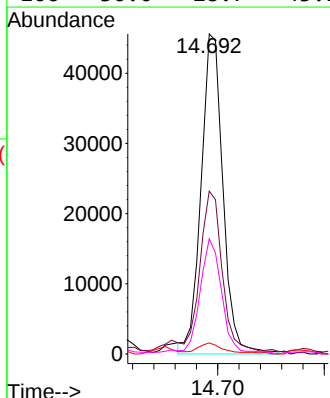
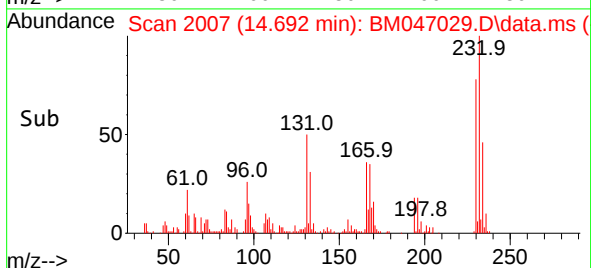
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/30/2024

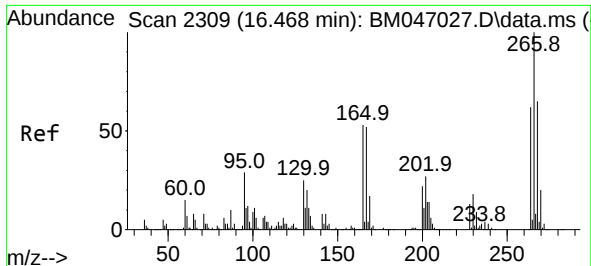


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 8.334 ng/ul  
RT: 14.692 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: BM047029.D  
Acq: 06 Aug 2024 19:13



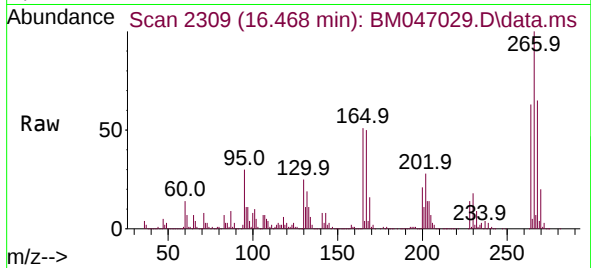
Tgt Ion:232 Resp: 65156  
Ion Ratio Lower Upper  
232 100  
131 50.9 40.8 61.2  
130 3.4 2.6 3.8  
166 36.0 28.7 43.1





#71  
 Pentachlorophenol  
 Concen: 125.301 ng/ul  
 RT: 16.468 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047029.D  
 Acq: 06 Aug 2024 19:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVX0DL



Tgt Ion:266 Resp: 91378  
 Ion Ratio Lower Upper  
 266 100  
 264 63.4 50.7 76.1  
 268 64.9 53.0 79.6

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