

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050224\  
 Data File : BP020146.D  
 Acq On : 02 May 2024 14:25  
 Operator : MA/JU  
 Sample : P2161-20  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0RD7

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024  
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 02 15:07:13 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 01 17:34:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.675  | 152  | 105570m  | 20.000  | ng/u1  | 0.05     |
| 20) Naphthalene-d8            | 10.422 | 136  | 381295   | 20.000  | ng/u1  | 0.02     |
| 38) Acenaphthene-d10          | 14.298 | 164  | 266340   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.139 | 188  | 604462   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.639 | 240  | 690115   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.015 | 264  | 755030   | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.222  | 96   | 10330    | 4.133   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.628  | 84   | 78289    | 10.779  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.822  | 99   | 73716    | 8.131   | ng/u1  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.999  | 67   | 215478   | 39.125  | ng/u1  | 0.02     |
| 11) 2-Chlorophenol-d4         | 7.175  | 132  | 204687   | 31.581  | ng/u1  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.340  | 113  | 142223   | 19.403  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.793  | 128  | 138654   | 48.561  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.504  | 143  | 154637   | 47.294  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 251961   | 42.228  | ng/u1  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.563 | 131  | 314180   | 37.622  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.716 | 166  | 892445   | 45.885  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.987 | 160  | 1011776  | 47.091  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.581 | 143  | 32313m   | 10.810  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.322 | 176  | 796372   | 49.090  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200  | 148487   | 38.711  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.245 | 188  | 1296693  | 49.588  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.645 | 212  | 1710954  | 42.413  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.780 | 264  | 1786306  | 48.931  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.469 | 128  | 31755    | 1.616   | ng/u1  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.445 | 216  | 629356   | 75.767  | ng/u1  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.069 | 216  | 1198968  | 133.461 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.628 | 250  | 17142    | 1.907   | ng/uL  | 97       |
| -----                         |        |      |          |         |        |          |

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

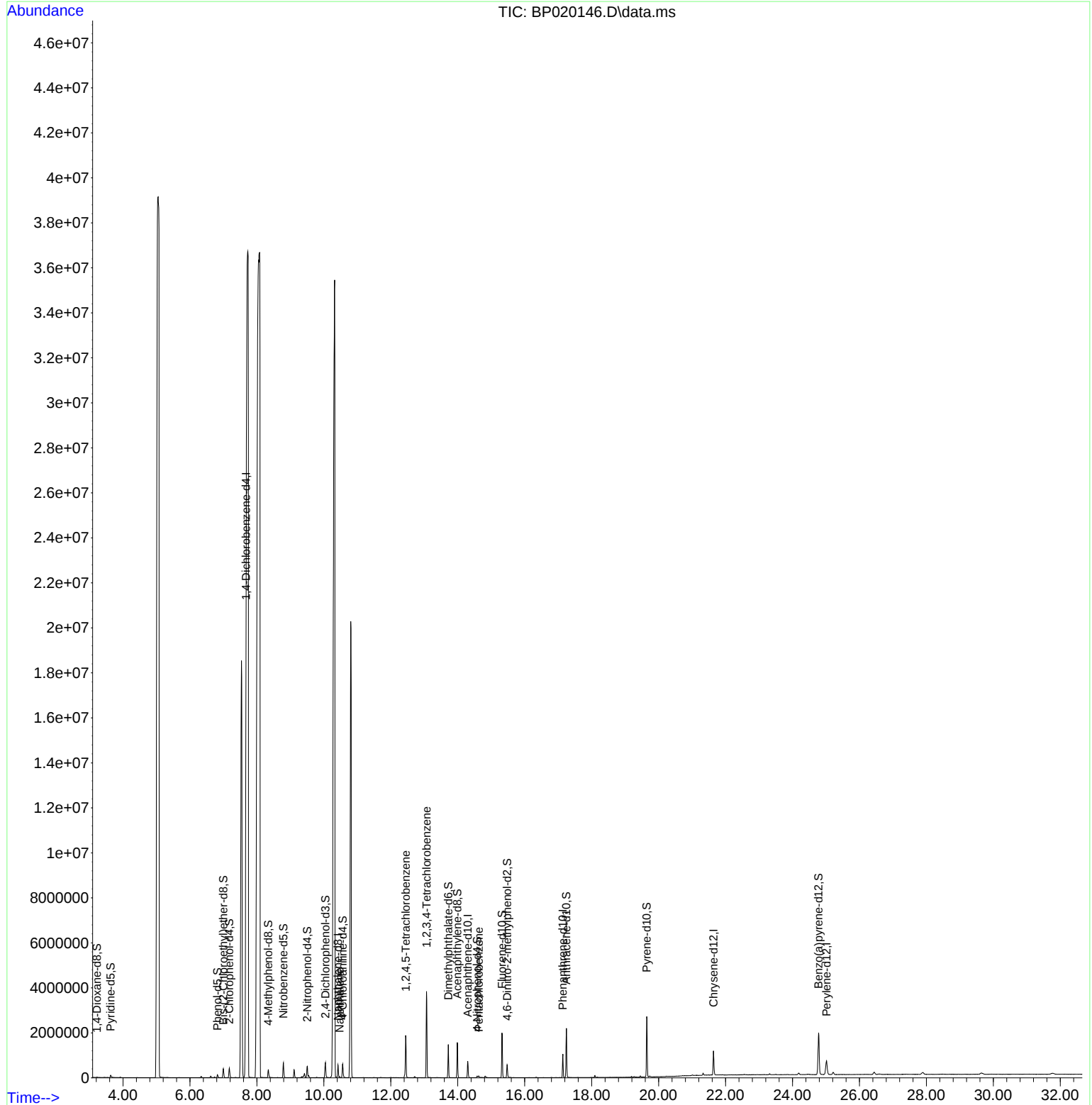
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050224\  
Data File : BP020146.D  
Acq On : 02 May 2024 14:25  
Operator : MA/JU  
Sample : P2161-20  
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ALS Vial : 8 Sample Multiplier: 1

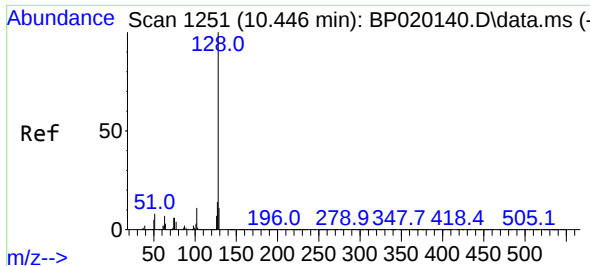
Instrument :  
BNA\_P  
ClientSampleId :  
CORD7

Quant Time: May 02 15:07:13 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.MA.M  
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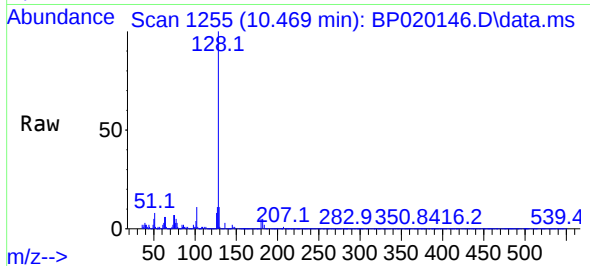
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024





#30  
Naphthalene  
Concen: 1.616 ng/ul  
RT: 10.469 min Scan# 11  
Delta R.T. 0.017 min  
Lab File: BP020146.D  
Acq: 02 May 2024 14:25

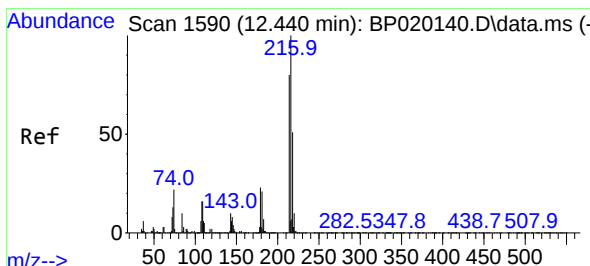
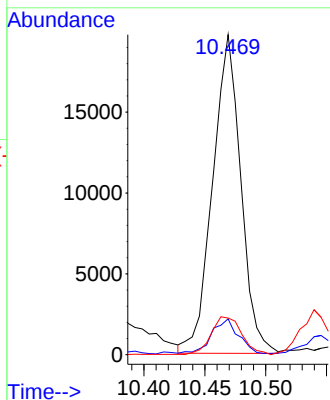
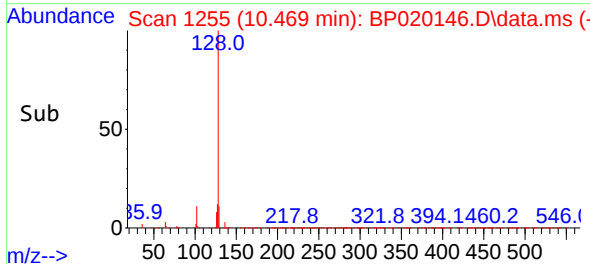
Instrument :  
BNA\_P  
ClientSampleId :  
CORD7



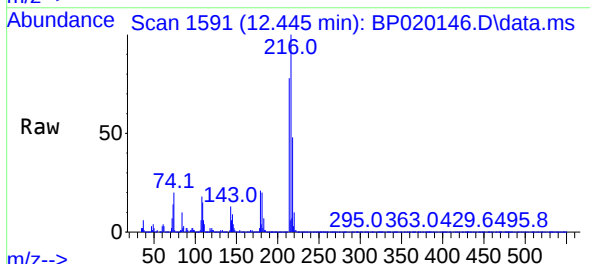
Tgt Ion:128 Resp: 3175  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 11.5 10.6 16.0

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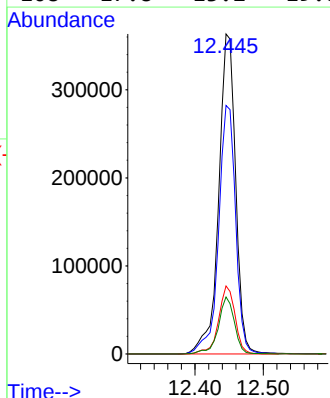
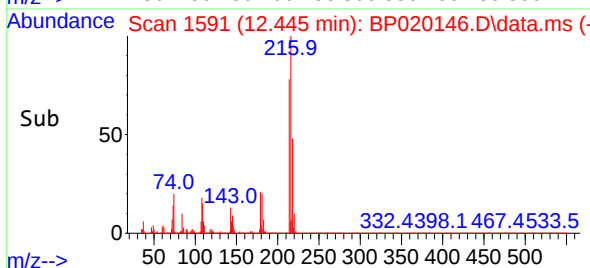
Reviewed By :Jagrut Upadhyay 05/02/2024  
Supervised By :mohammad ahmed 05/06/2024

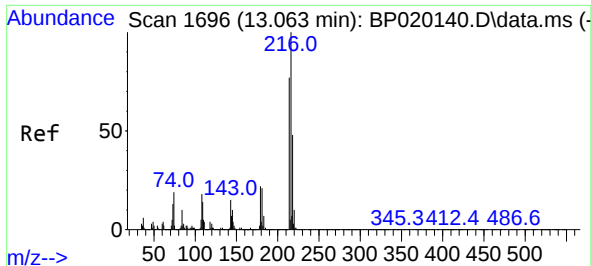


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 75.767 ng/ul  
RT: 12.445 min Scan# 1591  
Delta R.T. -0.006 min  
Lab File: BP020146.D  
Acq: 02 May 2024 14:25



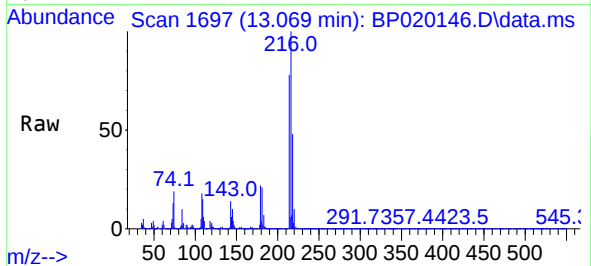
Tgt Ion:216 Resp: 629356  
Ion Ratio Lower Upper  
216 100  
214 77.6 61.3 91.9  
179 21.3 16.9 25.3  
108 17.8 13.2 19.8





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 133.461 ng/uL  
RT: 13.069 min Scan# 1696  
Delta R.T. -0.006 min  
Lab File: BP020146.D  
Acq: 02 May 2024 14:25

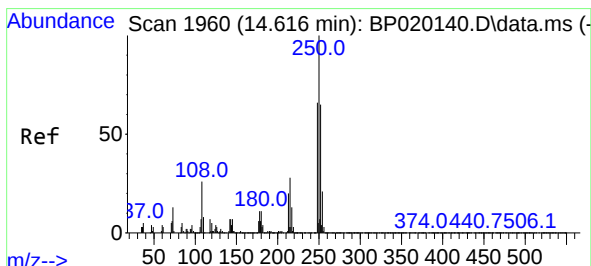
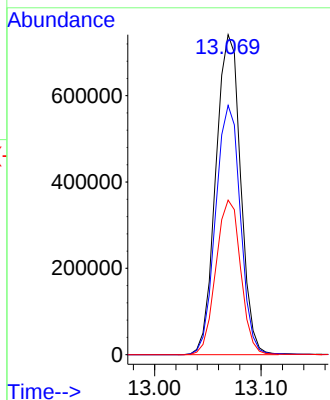
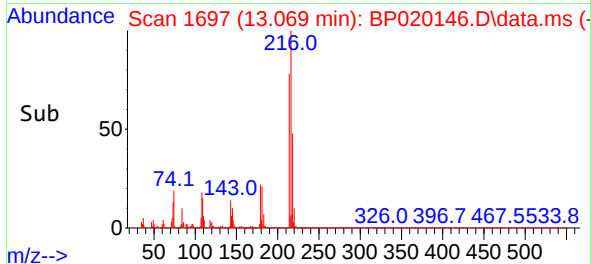
Instrument :  
BNA\_P  
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Tgt Ion:216 Resp: 1198968  
Ion Ratio Lower Upper  
216 100  
214 77.9 60.1 90.1  
218 48.3 38.7 58.1

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#76  
Pentachlorobenzene  
Concen: 1.907 ng/uL  
RT: 14.628 min Scan# 1962  
Delta R.T. -0.000 min  
Lab File: BP020146.D  
Acq: 02 May 2024 14:25

Tgt Ion:250 Resp: 17142  
Ion Ratio Lower Upper  
250 100  
248 60.7 51.0 76.6  
252 66.3 52.1 78.1

