

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042423\  
 Data File : BN025115.D  
 Acq On : 24 Apr 2023 15:31  
 Operator : CG/JU  
 Sample : 02400-12  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMN1

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/25/2023  
 Supervised By : Jagrut Upadhyay 04/27/2023

Quant Time: Apr 25 01:26:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Apr 23 01:54:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 283489   | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.728 | 136  | 1291072  | 20.000 | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.563 | 164  | 840565   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.310 | 188  | 1876576  | 20.000 | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.498 | 240  | 1823941  | 20.000 | ng/u1 | -0.01    |
| 88) Perylene-d12              | 23.945 | 264  | 1863810  | 20.000 | ng/u1 | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.293  | 96   | 29905    | 4.015  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.722  | 84   | 153561   | 6.885  | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 7.075  | 99   | 185406   | 6.708  | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.240  | 67   | 557114   | 30.137 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.440  | 132  | 486081   | 23.932 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.628  | 113  | 347160   | 15.822 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 9.087  | 128  | 309110   | 29.570 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.810  | 143  | 338115   | 29.861 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.346 | 165  | 566468   | 27.990 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.869 | 131  | 754723   | 24.573 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 13.969 | 166  | 2146818  | 32.946 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.257 | 160  | 2333381  | 31.249 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.757 | 143  | 77973    | 5.837  | ng/u1 | 0.00     |
| 60) Fluorene-d10              | 15.551 | 176  | 1851806  | 33.659 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 200  | 309153   | 25.314 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.410 | 188  | 3141819  | 35.647 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.704 | 212  | 3832653  | 36.187 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.792 | 264  | 3516174  | 36.081 | ng/u1 | 0.01     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       |          |
| 8) Phenol                     | 7.105  | 94   | 97123    | 3.374  | ng/u1 | 99       |
| 12) 2-Chlorophenol            | 7.475  | 128  | 50268    | 2.370  | ng/u1 | 97       |
| 22) Nitrobenzene              | 9.122  | 77   | 40642    | 1.447  | ng/u1 | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 28354m   | 1.156  | ng/u1 |          |
| -----                         |        |      |          |        |       |          |

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

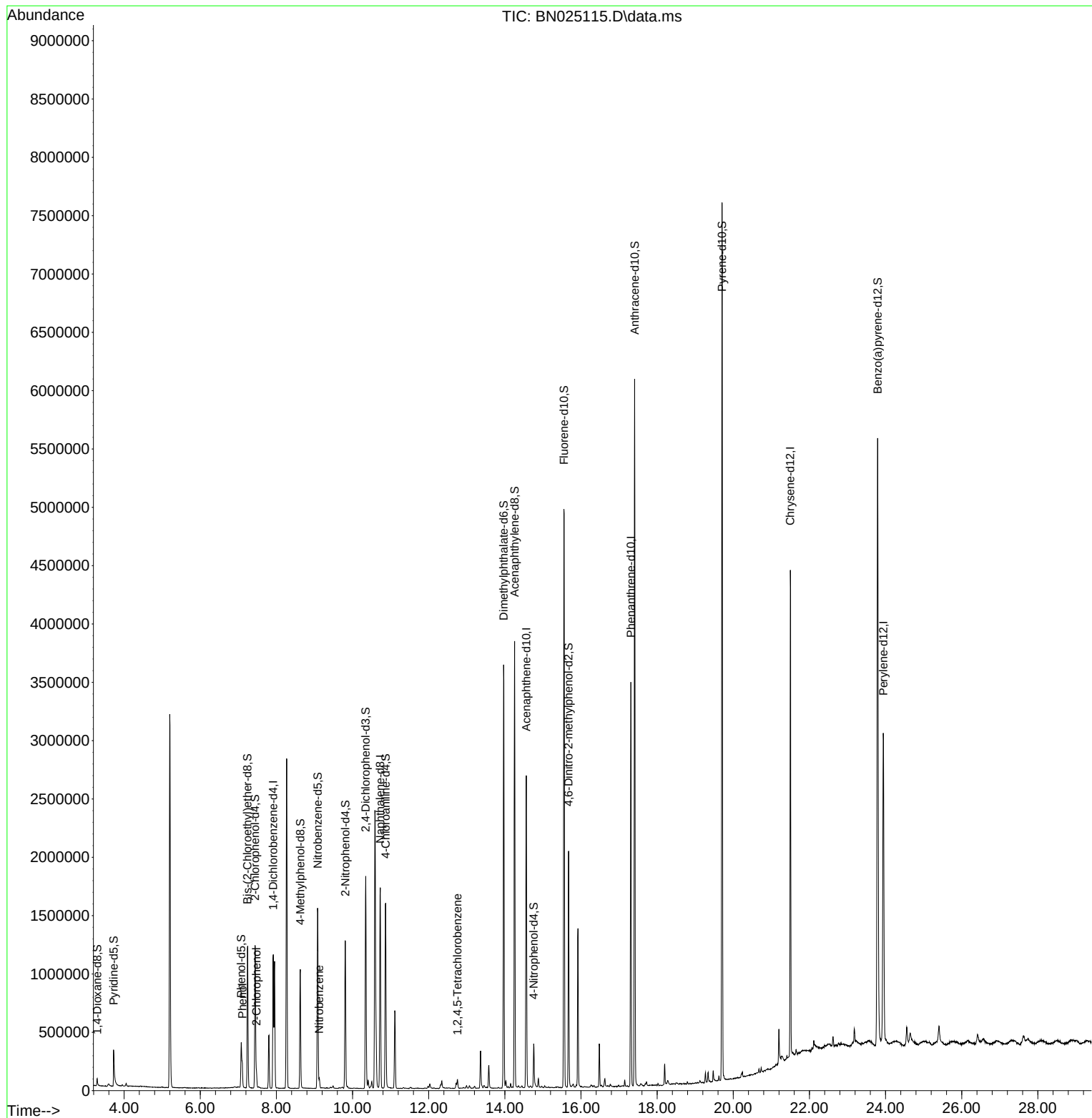
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042423\  
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ALS Vial : 10 Sample Multiplier: 1

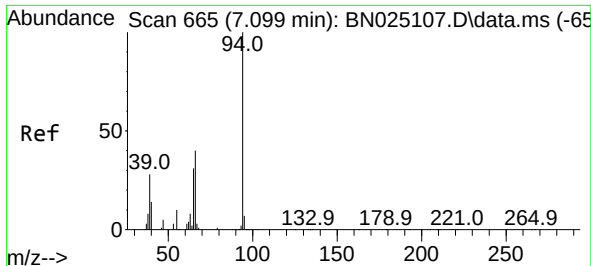
Instrument :  
BNA\_N  
ClientSampleId :  
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Quant Time: Apr 25 01:26:12 2023  
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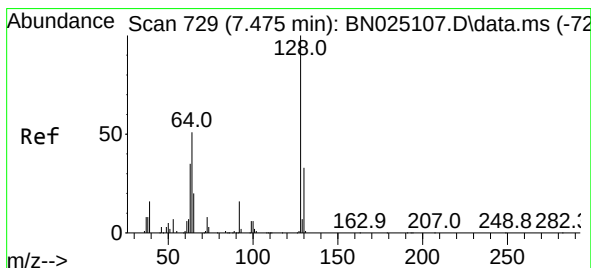
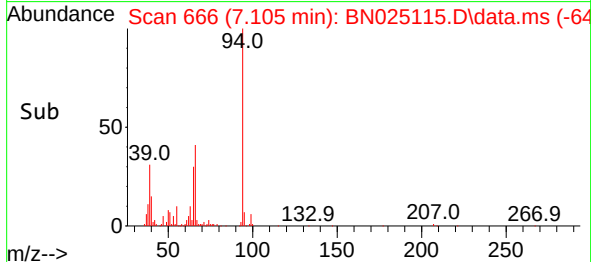
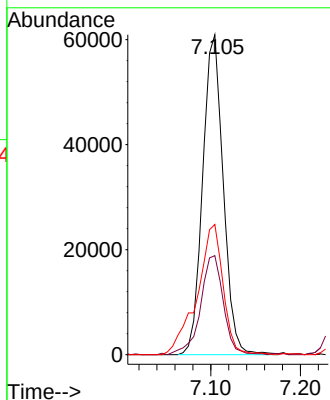
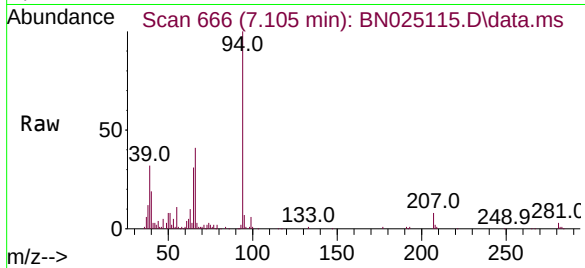
#8  
Phenol  
Concen: 3.374 ng/ul  
RT: 7.105 min Scan# 666  
Delta R.T. -0.000 min  
Lab File: BN025115.D  
Acq: 24 Apr 2023 15:31

Instrument :  
BNA\_N  
ClientSampleId :  
COMN1

Tgt Ion: 94 Resp: 9712  
Ion Ratio Lower Upper  
94 100  
65 31.0 25.1 37.7  
66 40.7 31.9 47.9

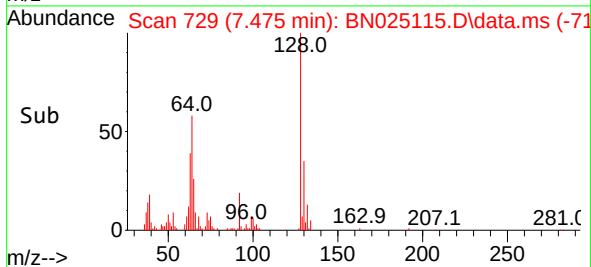
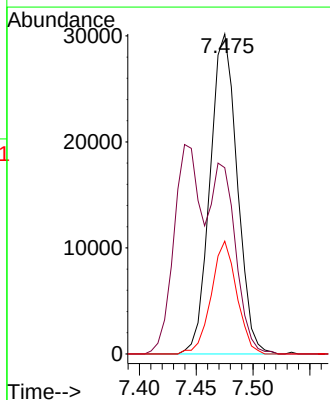
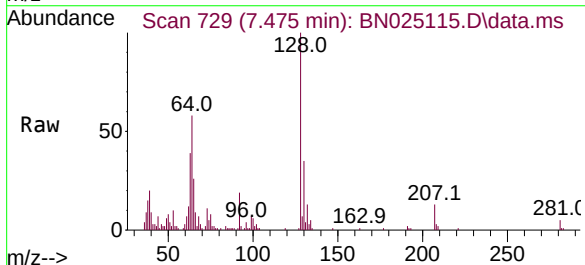
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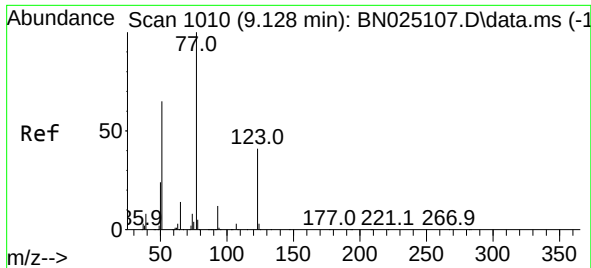
Reviewed By :Christian Giraldo 04/25/2023  
Supervised By :Jagrut Upadhyay 04/27/2023



#12  
2-Chlorophenol  
Concen: 2.370 ng/ul  
RT: 7.475 min Scan# 729  
Delta R.T. -0.000 min  
Lab File: BN025115.D  
Acq: 24 Apr 2023 15:31

Tgt Ion:128 Resp: 50268  
Ion Ratio Lower Upper  
128 100  
64 58.2 44.8 67.2  
130 35.3 26.6 39.8





#22  
Nitrobenzene  
Concen: 1.447 ng/ul  
RT: 9.122 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BN025115.D  
Acq: 24 Apr 2023 15:31

Instrument :

BNA\_N

ClientSampleId :

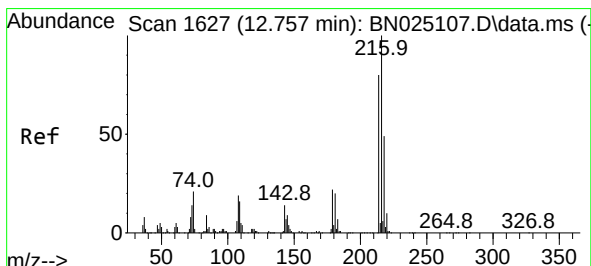
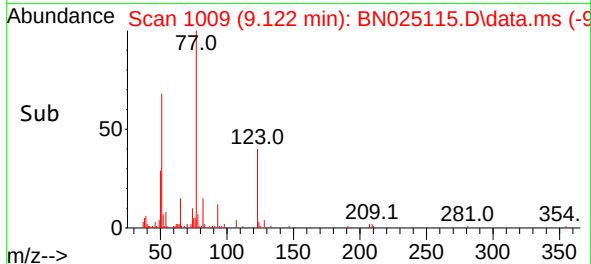
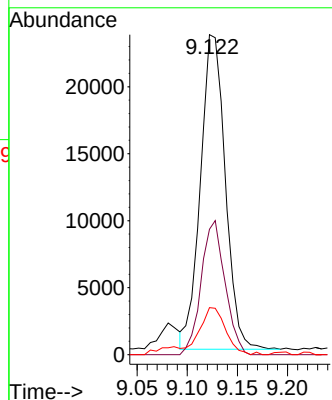
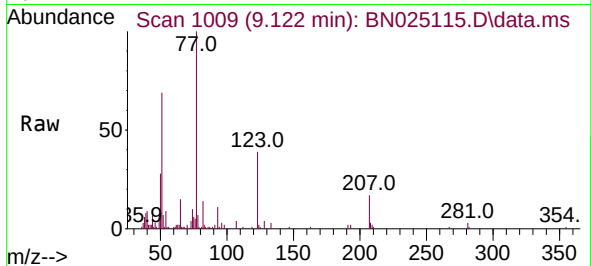
COMN1

Tgt Ion: 77 Resp: 4064  
Ion Ratio Lower Upper  
77 100  
123 39.2 33.5 50.3  
65 14.7 11.8 17.8

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#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 1.156 ng/ul m  
RT: 12.751 min Scan# 1626  
Delta R.T. -0.006 min  
Lab File: BN025115.D  
Acq: 24 Apr 2023 15:31

Tgt Ion:216 Resp: 28354  
Ion Ratio Lower Upper  
216 100  
214 87.6 62.2 93.4  
179 24.8 16.8 25.2  
108 18.8 15.0 22.6

