

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
 Data File : BN017579.D  
 Acq On : 23 Nov 2021 23:20  
 Operator : CG/JU  
 Sample : M4753-03  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A0016

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021  
 Supervised By :mohammad ahmed 11/26/2021

Quant Time: Nov 24 01:01:00 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN112221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 22 16:16:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.846  | 152  | 235767   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.640 | 136  | 1040441  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.475 | 164  | 619695   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.216 | 188  | 1081493  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.404 | 240  | 757042   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.768 | 264  | 755375   | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.305  | 96   | 31176m   | 4.726  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.722  | 84   | 18144m   | 1.048  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.005  | 99   | 148311   | 6.910  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 401781   | 29.872 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.375  | 132  | 397403   | 24.453 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.546  | 113  | 272993   | 16.170 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 250814   | 31.819 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.716  | 143  | 253659   | 32.526 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.257 | 165  | 458465   | 29.861 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.769 | 131  | 20427    | 0.927  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 1627158  | 36.114 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.169 | 160  | 1834961  | 31.720 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.669 | 143  | 46567    | 6.108  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.469 | 176  | 1266854  | 33.336 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200  | 189322   | 33.704 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.316 | 188  | 1911710  | 38.031 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.610 | 212  | 1859402  | 38.691 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.615 | 264  | 1525404  | 38.411 | ng/ul  | -0.01    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 8) Phenol                     | 7.028  | 94   | 30668    | 1.411  | ng/ul# | 92       |
| 47) Dimethylphthalate         | 13.934 | 163  | 60124    | 1.346  | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.298 | 149  | 1194900  | 26.715 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.198 | 149  | 362990   | 5.948  | ng/ul  | 98       |
| -----                         |        |      |          |        |        |          |

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

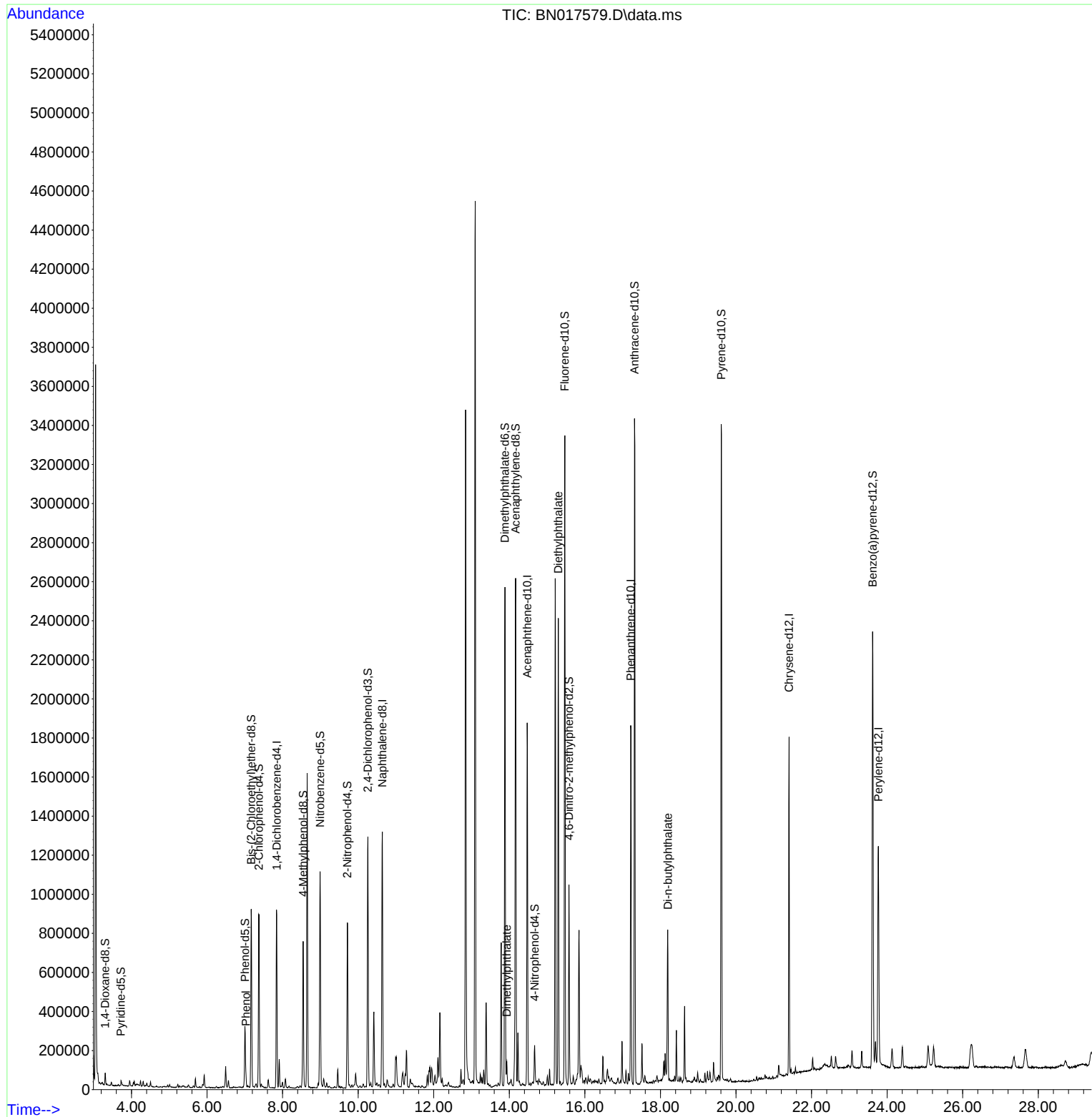
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
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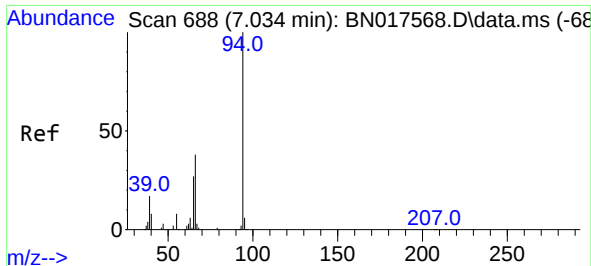
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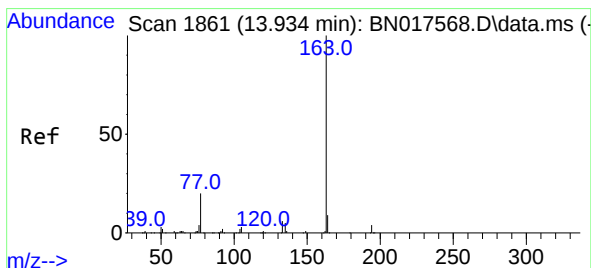
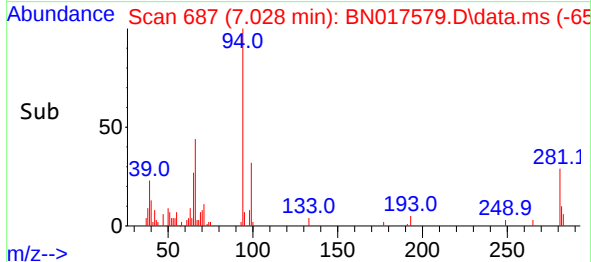
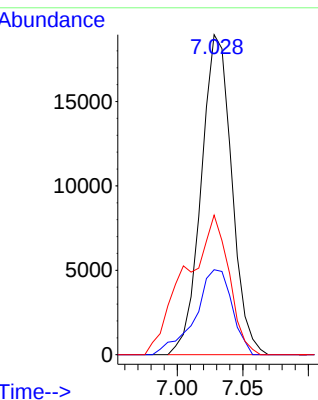
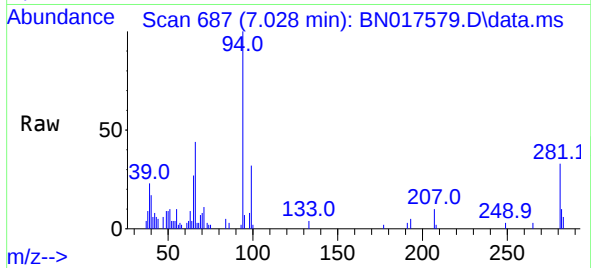
#8  
Phenol  
Concen: 1.411 ng/ul  
RT: 7.028 min Scan# 688  
Delta R.T. -0.006 min  
Lab File: BN017579.D  
Acq: 23 Nov 2021 23:20

Instrument :  
BNA\_N  
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Tgt Ion: 94 Resp: 3066  
Ion Ratio Lower Upper  
94 100  
65 26.5 21.7 32.5  
66 43.6 28.3 42.5

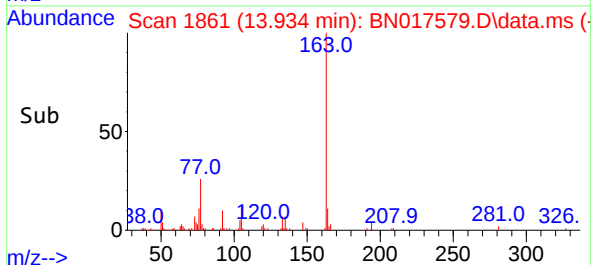
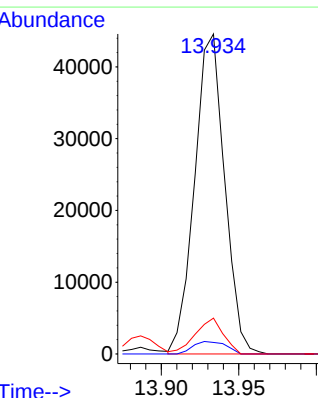
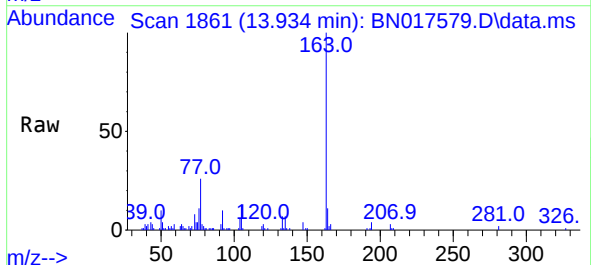
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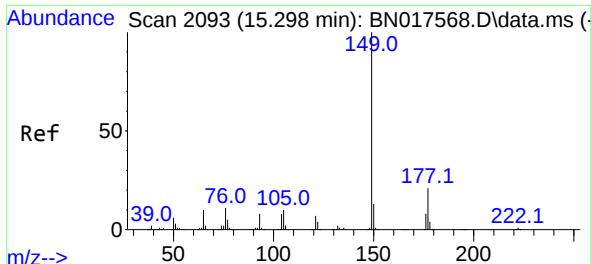
Reviewed By :Jagrut Upadhyay 11/24/2021  
Supervised By :mohammad ahmed 11/26/2021



#47  
Dimethylphthalate  
Concen: 1.346 ng/ul  
RT: 13.934 min Scan# 1861  
Delta R.T. -0.006 min  
Lab File: BN017579.D  
Acq: 23 Nov 2021 23:20

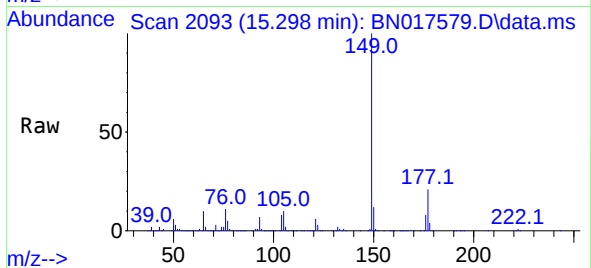
Tgt Ion:163 Resp: 60124  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.3 4.9  
164 11.2 7.8 11.8





#59  
Diethylphthalate  
Concen: 26.715 ng/ul  
RT: 15.298 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BN017579.D  
Acq: 23 Nov 2021 23:20

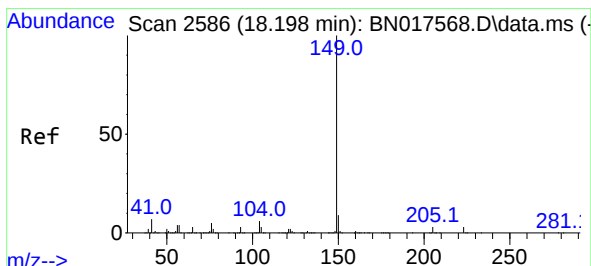
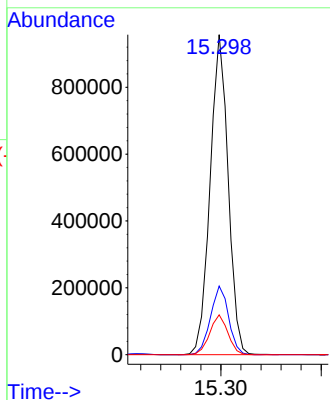
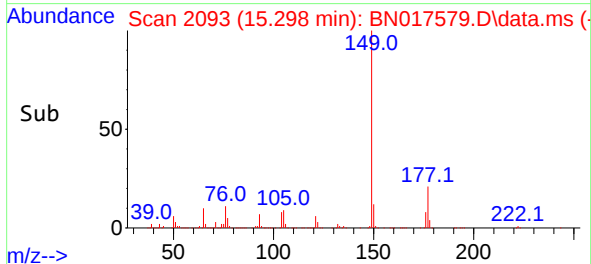
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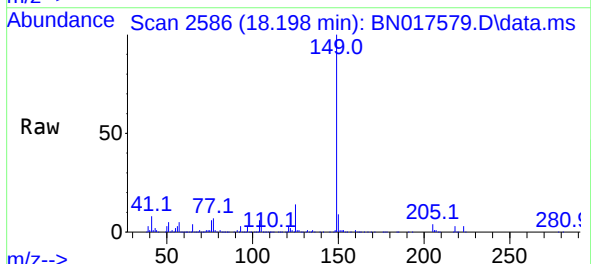
Tgt Ion:149 Resp: 1194900  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.6 26.4  
150 12.4 10.0 15.0

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#78  
Di-n-butylphthalate  
Concen: 5.948 ng/ul  
RT: 18.198 min Scan# 2586  
Delta R.T. 0.000 min  
Lab File: BN017579.D  
Acq: 23 Nov 2021 23:20



Tgt Ion:149 Resp: 362990  
Ion Ratio Lower Upper  
149 100  
150 8.7 7.4 11.2  
104 5.6 3.8 5.6

