

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100820\  
 Data File : BN012113.D  
 Acq On : 08 Oct 2020 21:33  
 Operator : CG/JU  
 Sample : L4259-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C5CF6

Manual Integrations  
 APPROVED

mohammad  
 10/12/2020 11:33:06 AM

Quant Time: Oct 09 01:16:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 08 15:35:30 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.646  | 152  | 247445   | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8            | 10.422 | 136  | 1013634  | 20.00  | ng/ul  | 0.00     |
| 36) Acenaphthene-d10          | 14.287 | 164  | 636061   | 20.00  | ng/ul  | 0.00     |
| 62) Phenanthrene-d10          | 17.033 | 188  | 1344999  | 20.00  | ng/ul  | 0.00     |
| 78) Chrysene-d12              | 21.233 | 240  | 1344939  | 20.00  | ng/ul  | 0.00     |
| 86) Perylene-d12              | 23.433 | 264  | 1382397  | 20.00  | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.187  | 96   | 8342     | 1.47   | ng/uL  | 0.00     |
| 5) Phenol-d5                  | 6.822  | 99   | 135646   | 6.57   | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)eth...  | 6.987  | 67   | 357833   | 28.20  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4          | 7.181  | 132  | 392660   | 23.51  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8         | 8.352  | 113  | 264282   | 16.26  | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5           | 8.793  | 128  | 234364   | 29.12  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4          | 9.510  | 143  | 278070   | 31.94  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 468816   | 28.08  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4        | 10.563 | 131  | 53110m   | 2.70   | ng/ul  | 0.00     |
| 44) Dimethylphthalate-d6      | 13.698 | 166  | 1834484  | 36.77  | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8         | 13.975 | 160  | 2095168  | 35.18  | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4          | 14.486 | 143  | 59491    | 6.48   | ng/ul  | 0.00     |
| 58) Fluorene-d10              | 15.281 | 176  | 1503221  | 34.52  | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylph... | 15.416 | 200  | 756508   | 88.13  | ng/ul  | 0.00     |
| 71) Anthracene-d10            | 17.133 | 188  | 2377529  | 36.45  | ng/ul  | 0.00     |
| 79) Pyrene-d10                | 19.433 | 212  | 2595762  | 36.70  | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12        | 23.292 | 264  | 2950037  | 38.03  | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        | Qvalue   |
| 45) Dimethylphthalate         | 13.745 | 163  | 72886    | 1.42   | ng/ul  | 98       |
| 56) 2,3,4,6-Tetrachlorophenol | 14.910 | 232  | 42974    | 3.69   | ng/ul# | 91       |
| 59) Fluorene                  | 15.334 | 166  | 97926    | 1.90   | ng/ul  | 96       |
| 69) Pentachlorophenol         | 16.692 | 266  | 3870015  | 363.66 | ng/ul  | 98       |
| -----                         |        |      |          |        |        |          |

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

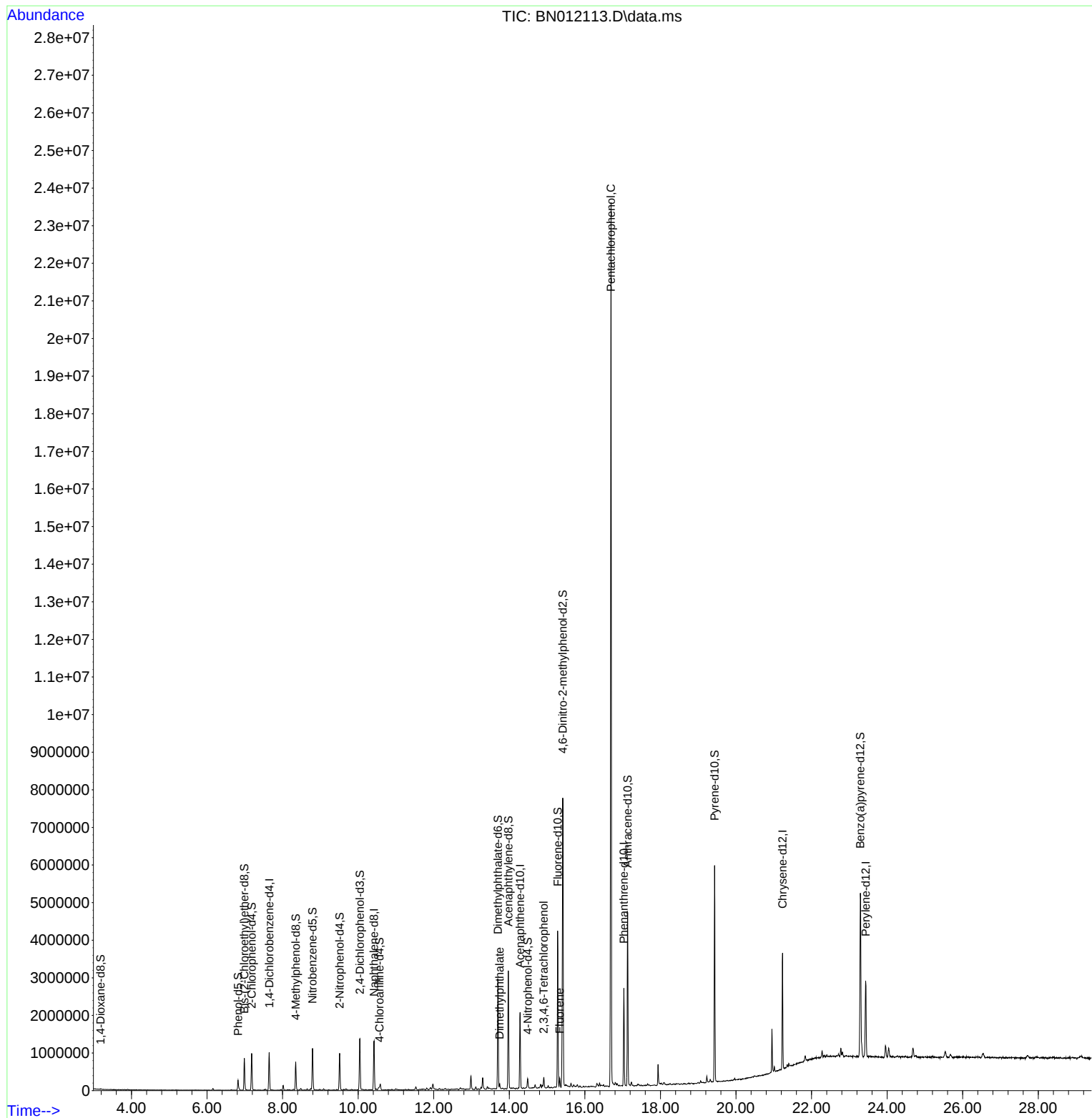
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100820\  
Data File : BN012113.D  
Acq On : 08 Oct 2020 21:33  
Operator : CG/JU  
Sample : L4259-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

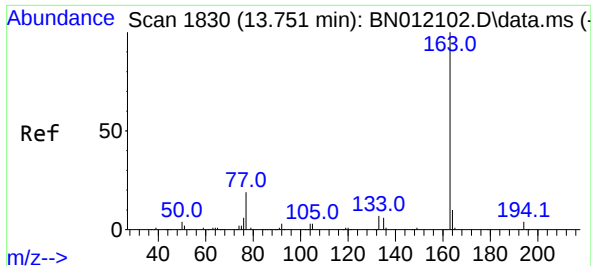
Instrument :  
BNA\_N  
ClientSampleId :  
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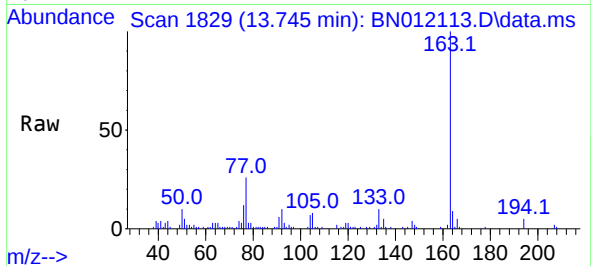
Quant Time: Oct 09 01:16:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 08 15:35:30 2020  
Response via : Initial Calibration





#45  
Dimethylphthalate  
Concen: 1.42 ng/ul  
RT: 13.745 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: BN012113.D  
Acq: 08 Oct 2020 21:33

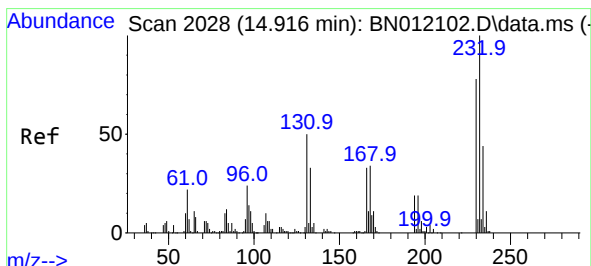
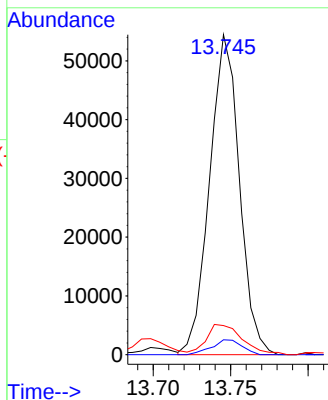
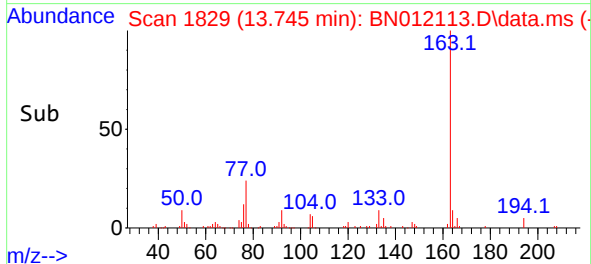
Instrument :  
BNA\_N  
ClientSampleId :  
C5CF6



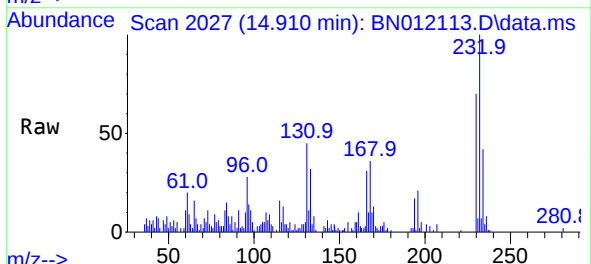
Tgt Ion:163 Resp: 72886  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.4 5.0  
164 9.1 7.8 11.8

Manual Integrations  
APPROVED

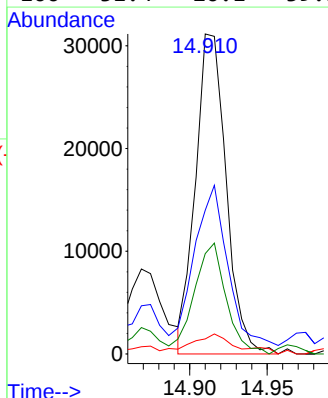
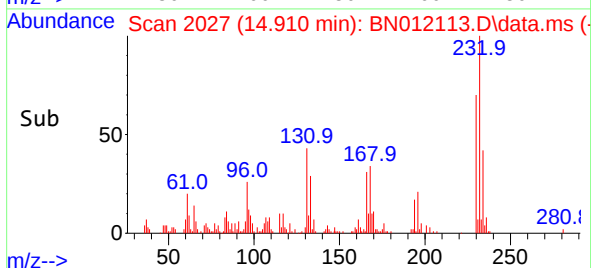
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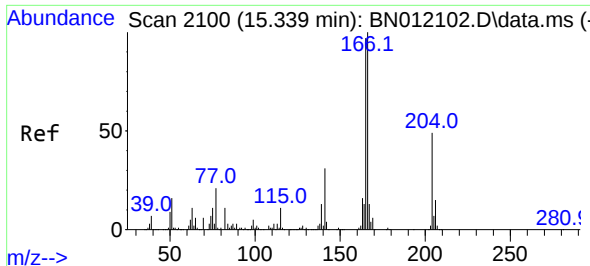


#56  
2,3,4,6-Tetrachlorophenol  
Concen: 3.69 ng/ul  
RT: 14.910 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BN012113.D  
Acq: 08 Oct 2020 21:33



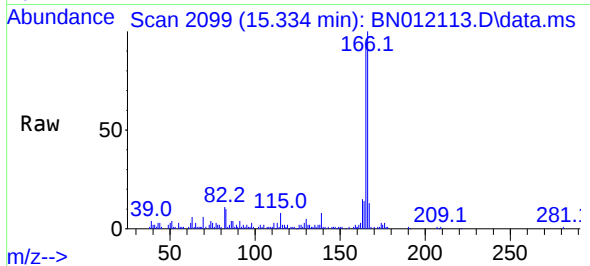
Tgt Ion:232 Resp: 42974  
Ion Ratio Lower Upper  
232 100  
131 44.9 44.0 66.0  
130 4.7 2.2 3.2#  
166 31.4 26.1 39.1



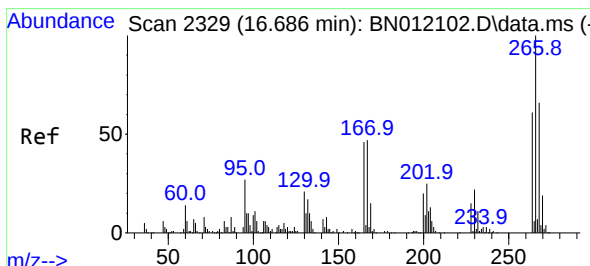
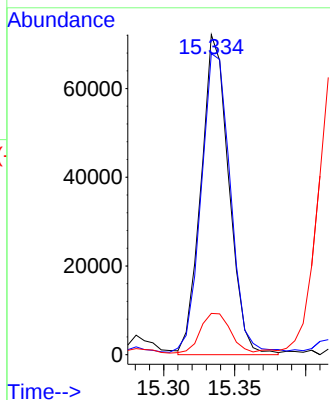
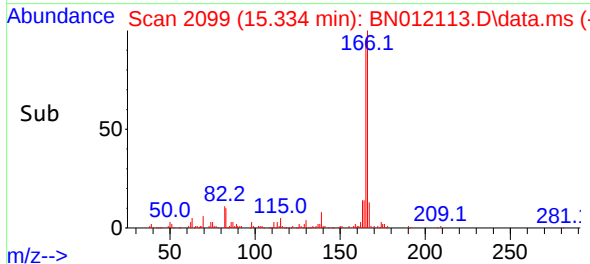


#59  
Fluorene  
Concen: 1.90 ng/ul  
RT: 15.334 min Scan# 2099  
Delta R.T. -0.006 min  
Lab File: BN012113.D  
Acq: 08 Oct 2020 21:33

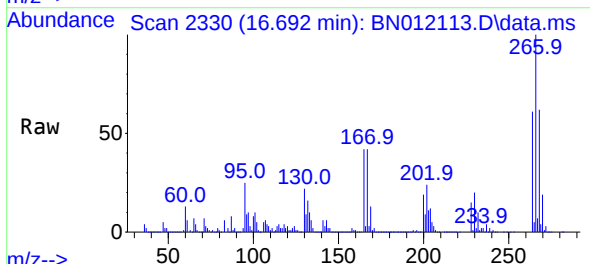
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:166 Resp: 97926  
Ion Ratio Lower Upper  
166 100  
165 94.1 79.0 118.6  
167 12.9 10.5 15.7



#69  
Pentachlorophenol  
Concen: 363.66 ng/ul  
RT: 16.692 min Scan# 2330  
Delta R.T. 0.006 min  
Lab File: BN012113.D  
Acq: 08 Oct 2020 21:33



Tgt Ion:266 Resp: 3870015  
Ion Ratio Lower Upper  
266 100  
264 61.3 50.6 75.8  
268 61.6 49.9 74.9

