

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015045.D  
 Acq On : 24 Jun 2021 17:54  
 Operator : CG/JU  
 Sample : M2682-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGD95

Quant Time: Jun 25 01:22:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration

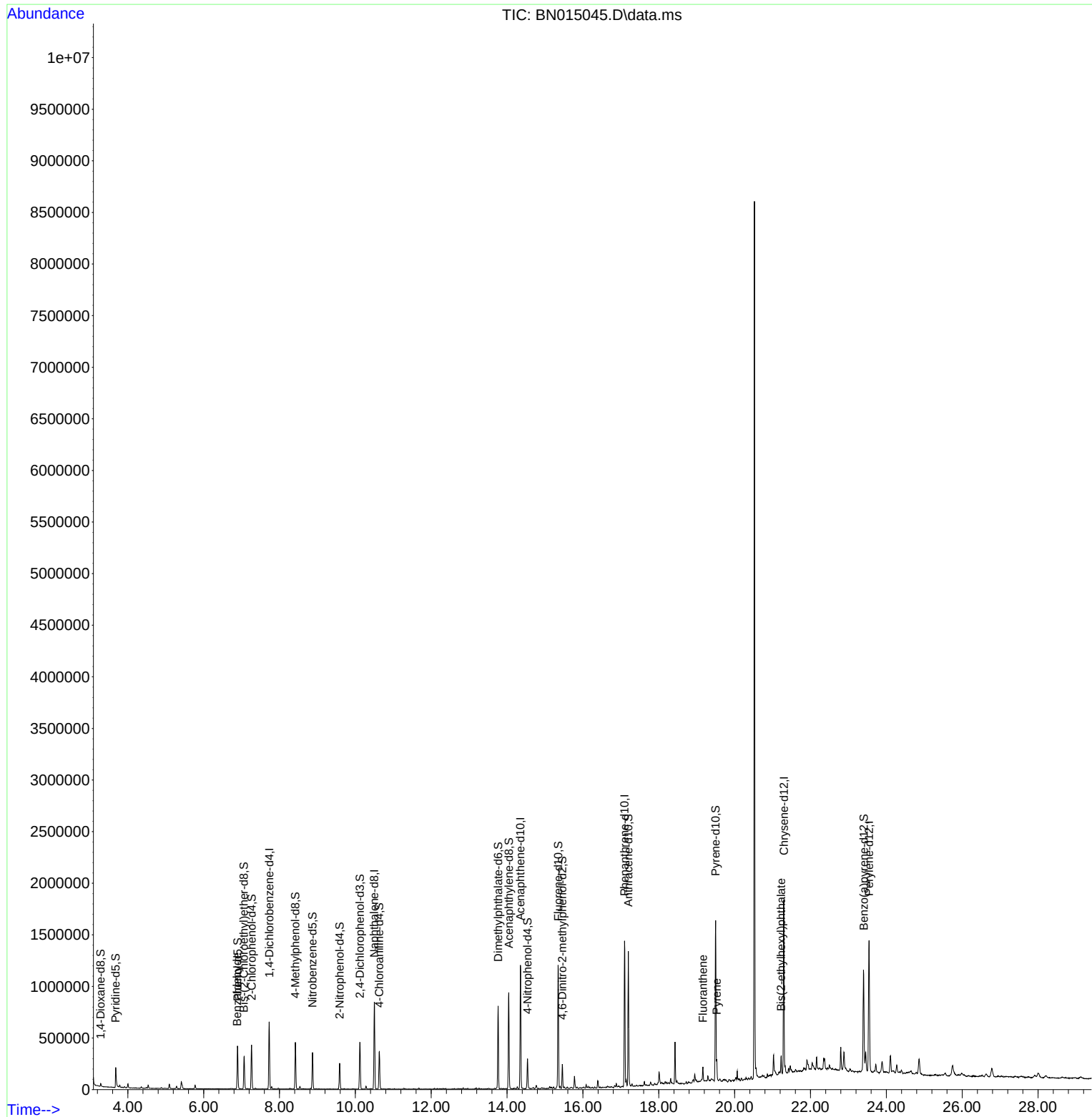
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 171682   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.498 | 136  | 704093   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.351 | 164  | 413812   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.098 | 188  | 816487   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.298 | 240  | 803717   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.545 | 264  | 834757   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.287  | 96   | 14198    | 3.218  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 106480   | 8.952  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.893  | 99   | 239281   | 16.058 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.063  | 67   | 142697   | 16.306 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.263  | 132  | 193969   | 17.167 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.416  | 113  | 171477   | 14.911 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.869  | 128  | 84456    | 17.535 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.587  | 143  | 81059    | 18.894 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.122 | 165  | 169005   | 16.690 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.628 | 131  | 197297   | 12.572 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.763 | 166  | 525555   | 18.495 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.045 | 160  | 656107   | 17.787 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.539 | 143  | 67326    | 13.584 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.345 | 176  | 465669   | 18.837 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200  | 45064    | 13.364 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.198 | 188  | 706416   | 18.903 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.498 | 212  | 762294   | 18.095 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.403 | 264  | 675407   | 16.390 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 6.881  | 77   | 6952     | 1.003  | ng/ul# | 81       |
| 80) Fluoranthene              | 19.163 | 202  | 71856    | 1.413  | ng/ul  | 99       |
| 82) Pyrene                    | 19.527 | 202  | 68723    | 1.297  | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.227 | 149  | 56432    | 1.865  | ng/ul  | 97       |

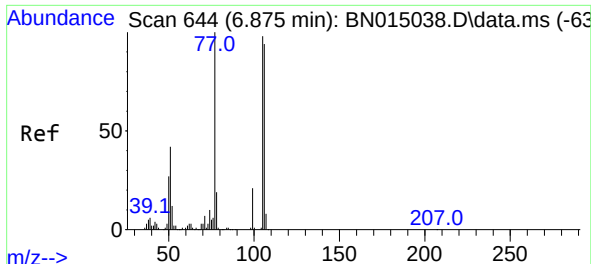
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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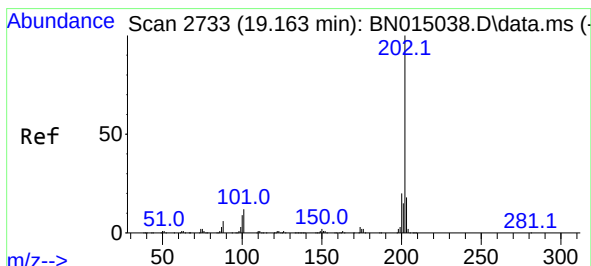
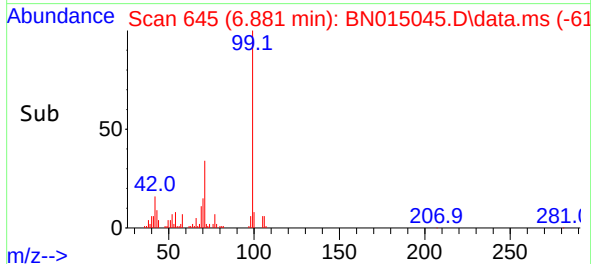
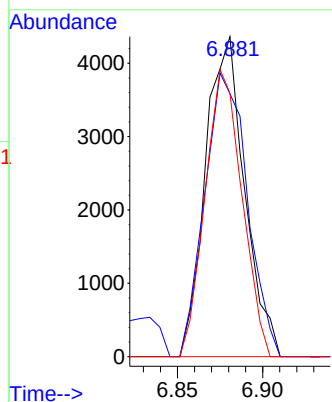
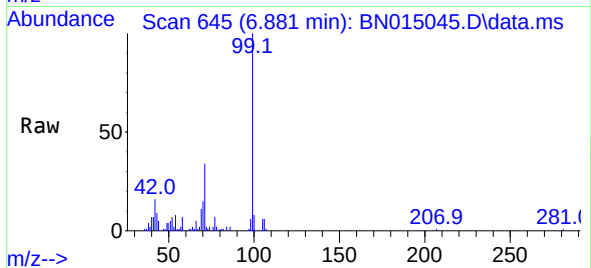




#6  
Benzaldehyde  
Concen: 1.003 ng/ul  
RT: 6.881 min Scan# 645  
Delta R.T. 0.006 min  
Lab File: BN015045.D  
Acq: 24 Jun 2021 17:54

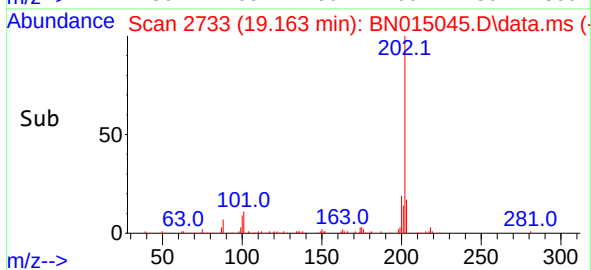
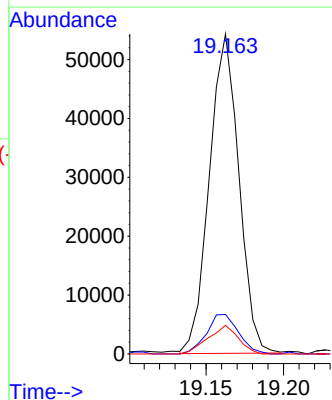
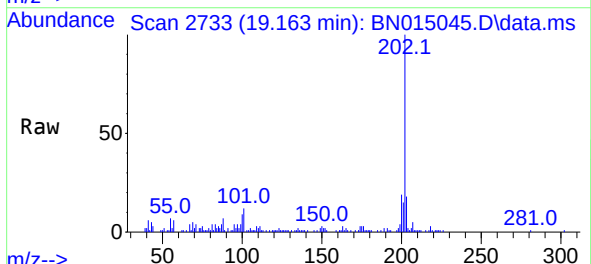
Instrument :  
BNA\_N  
ClientSampled :  
BGD95

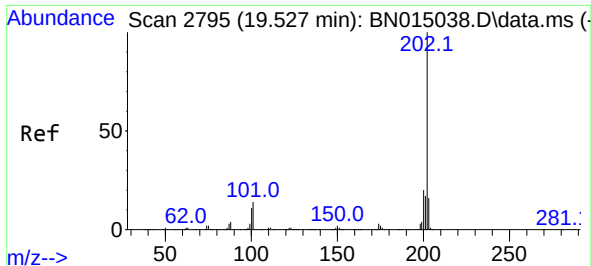
Tgt Ion: 77 Resp: 6952  
Ion Ratio Lower Upper  
77 100  
105 82.1 82.2 123.2#  
106 82.3 79.4 119.0



#80  
Fluoranthene  
Concen: 1.413 ng/ul  
RT: 19.163 min Scan# 2733  
Delta R.T. -0.000 min  
Lab File: BN015045.D  
Acq: 24 Jun 2021 17:54

Tgt Ion: 202 Resp: 71856  
Ion Ratio Lower Upper  
202 100  
101 12.4 9.5 14.3  
100 8.9 7.4 11.2

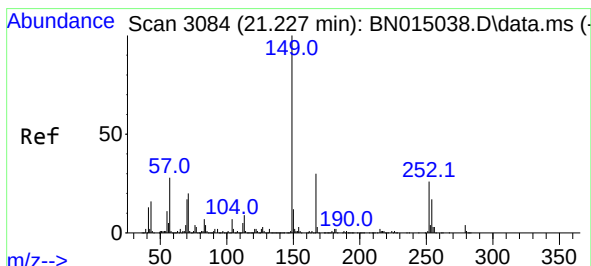
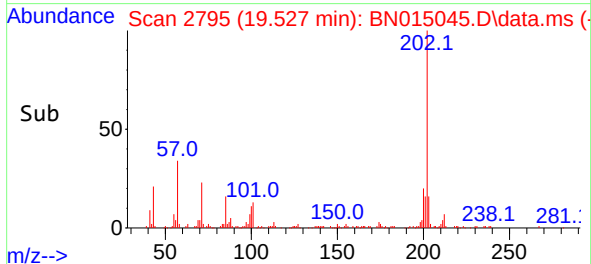
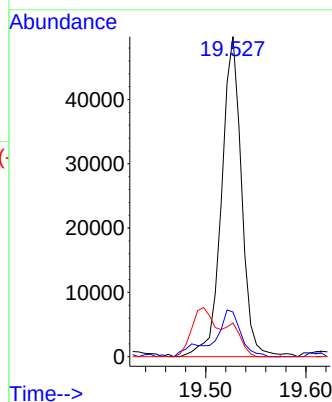
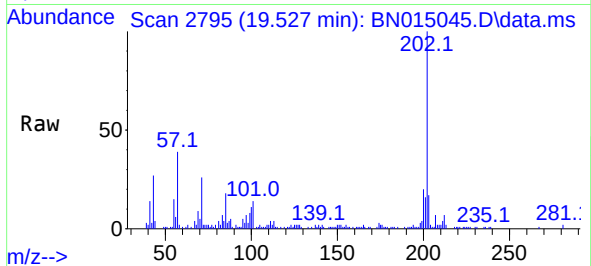




#82  
Pyrene  
Concen: 1.297 ng/ul  
RT: 19.527 min Scan# 2795  
Delta R.T. -0.000 min  
Lab File: BN015045.D  
Acq: 24 Jun 2021 17:54

Instrument :  
BNA\_N  
ClientSampleId :  
BGD95

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 68723 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 14.0  | 11.6  | 17.4  |
| 100       | 10.5  | 9.2   | 13.8  |



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 1.865 ng/ul  
RT: 21.227 min Scan# 3084  
Delta R.T. -0.000 min  
Lab File: BN015045.D  
Acq: 24 Jun 2021 17:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 56432 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.5  | 23.4  | 35.0  |
| 279       | 3.9   | 3.4   | 5.2   |

