

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
 Data File : BN017576.D  
 Acq On : 23 Nov 2021 20:57  
 Operator : CG/JU  
 Sample : M4702-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBLP0

Quant Time: Nov 24 00:59:48 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

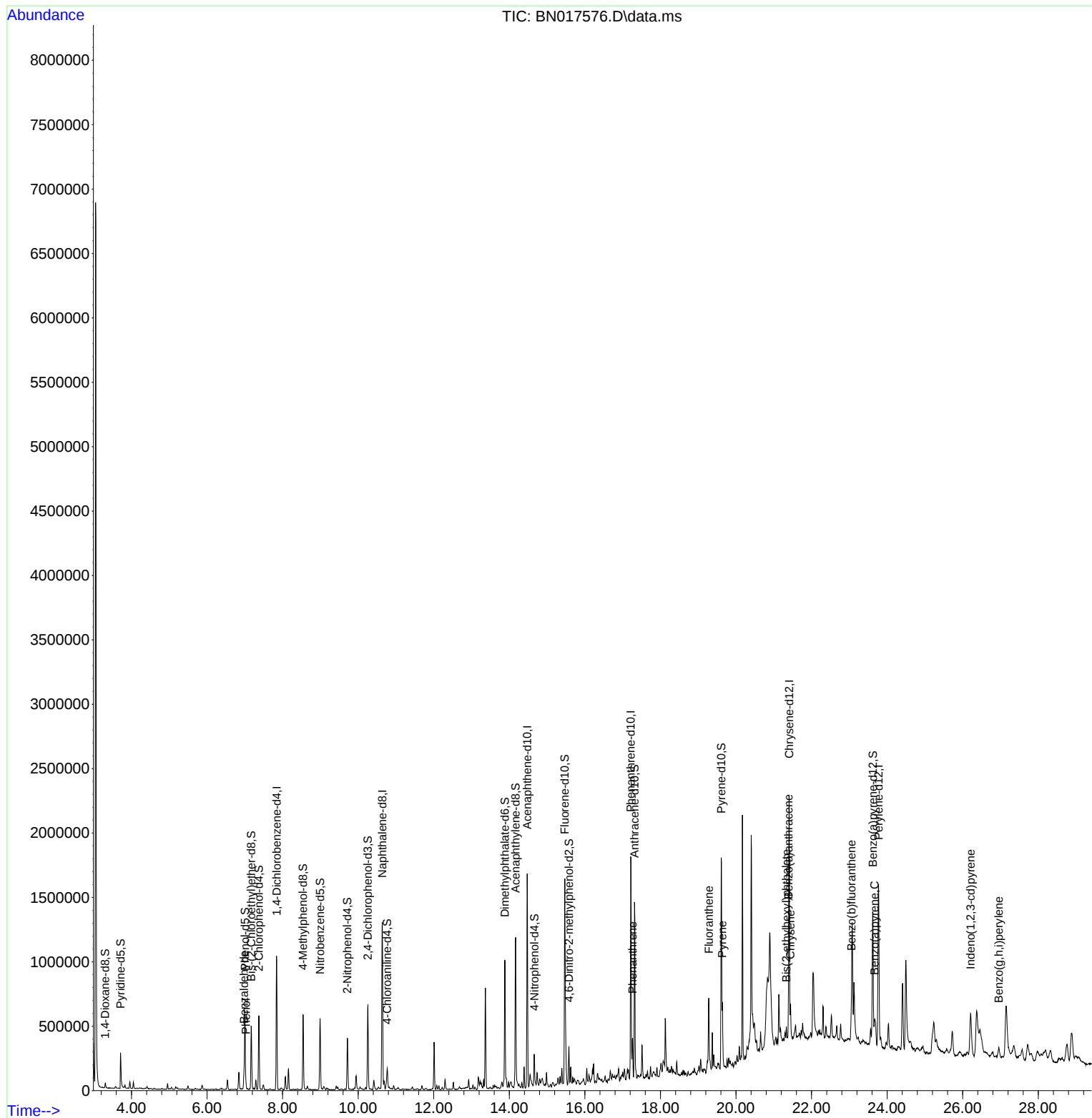
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.846  | 152  | 271587   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.640 | 136  | 1057779  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.475 | 164  | 550149   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.216 | 188  | 988442   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.410 | 240  | 856295   | 20.000 | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 23.774 | 264  | 874896   | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.305  | 96   | 18613    | 2.449  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.710  | 84   | 140837   | 7.063  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.004  | 99   | 318783   | 12.893 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 211809   | 13.671 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.375  | 132  | 257279   | 13.743 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.540  | 113  | 218695   | 11.245 | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 119948   | 14.968 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.716  | 143  | 118911   | 14.998 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.257 | 165  | 217134   | 13.911 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.769 | 131  | 48497    | 2.164  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.886 | 166  | 637313   | 15.933 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.169 | 160  | 807918   | 15.731 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.663 | 143  | 64738    | 9.564  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.469 | 176  | 525587   | 15.579 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 200  | 55151    | 10.743 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.316 | 188  | 746101   | 16.240 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.610 | 212  | 824522   | 15.168 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.621 | 264  | 709574   | 15.427 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 6.981  | 77   | 41189    | 3.140  | ng/u1  | 87       |
| 8) Phenol                     | 7.028  | 94   | 26934    | 1.076  | ng/u1  | 92       |
| 72) Phenanthrene              | 17.263 | 178  | 177444   | 3.290  | ng/u1  | 98       |
| 80) Fluoranthene              | 19.280 | 202  | 308498   | 4.718  | ng/u1  | 99       |
| 82) Pyrene                    | 19.639 | 202  | 268172   | 4.097  | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.392 | 228  | 137136   | 2.418  | ng/u1  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.333 | 149  | 36469    | 1.054  | ng/u1  | 98       |
| 87) Chrysene                  | 21.445 | 228  | 140700   | 2.524  | ng/u1  | 95       |
| 90) Benzo(b)fluoranthene      | 23.057 | 252  | 210846   | 3.485  | ng/u1# | 97       |
| 93) Benzo(a)pyrene            | 23.668 | 252  | 126732   | 2.206  | ng/u1# | 91       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.209 | 276  | 93935    | 1.575  | ng/u1  | 97       |
| 96) Benzo(g,h,i)perylene      | 26.956 | 276  | 89032    | 1.747  | ng/u1  | 93       |
| -----                         |        |      |          |        |        |          |

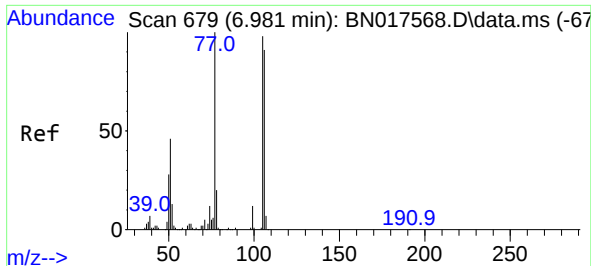
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
Data File : BN017576.D  
Acq On : 23 Nov 2021 20:57  
Operator : CG/JU  
Sample : M4702-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBLP0

Quant Time: Nov 24 00:59:48 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

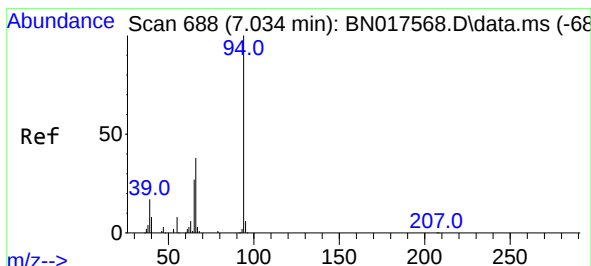
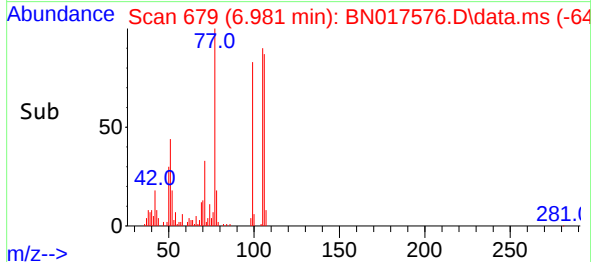
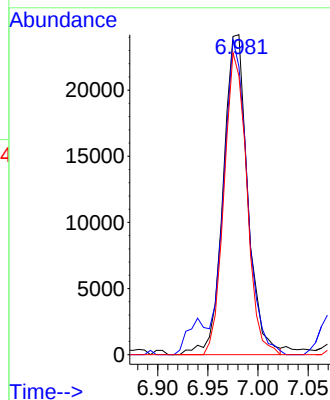
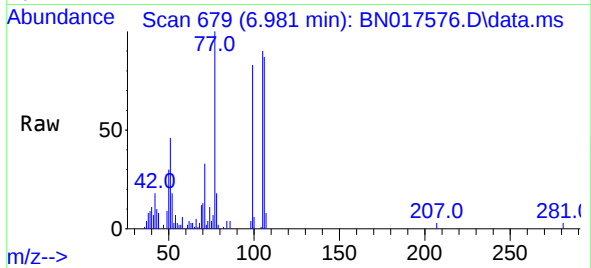




#6  
Benzaldehyde  
Concen: 3.140 ng/ul  
RT: 6.981 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN017576.D  
Acq: 23 Nov 2021 20:57

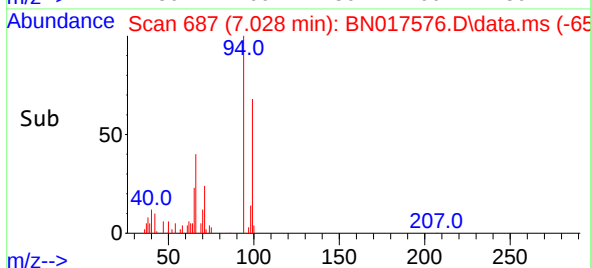
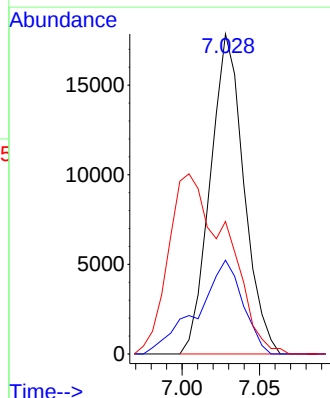
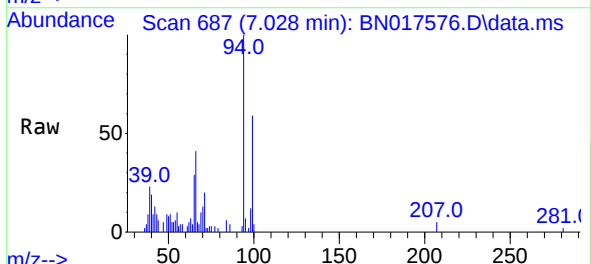
Instrument :  
BNA\_N  
ClientSampleId :  
DBLP0

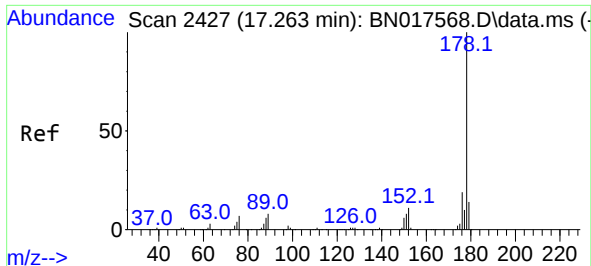
Tgt Ion: 77 Resp: 41189  
Ion Ratio Lower Upper  
77 100  
105 90.0 83.8 125.6  
106 87.1 79.6 119.4



#8  
Phenol  
Concen: 1.076 ng/ul  
RT: 7.028 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BN017576.D  
Acq: 23 Nov 2021 20:57

Tgt Ion: 94 Resp: 26934  
Ion Ratio Lower Upper  
94 100  
65 29.3 21.7 32.5  
66 41.4 28.3 42.5

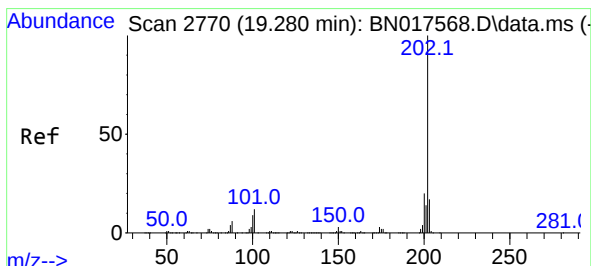
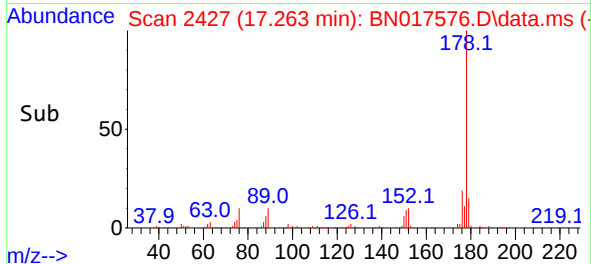
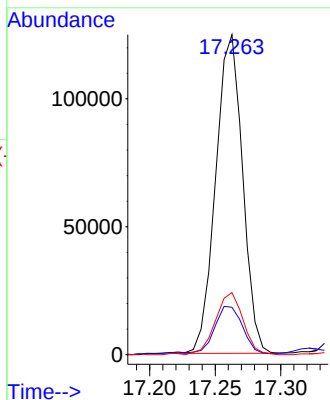
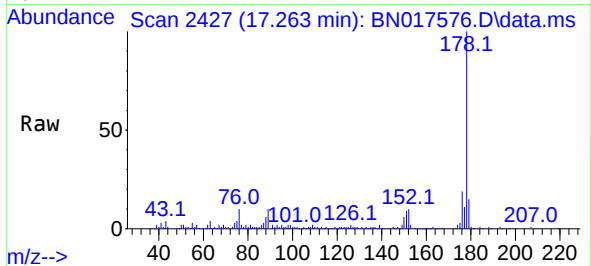




#72  
Phenanthrene  
Concen: 3.290 ng/ul  
RT: 17.263 min Scan# 2427  
Delta R.T. 0.000 min  
Lab File: BN017576.D  
Acq: 23 Nov 2021 20:57

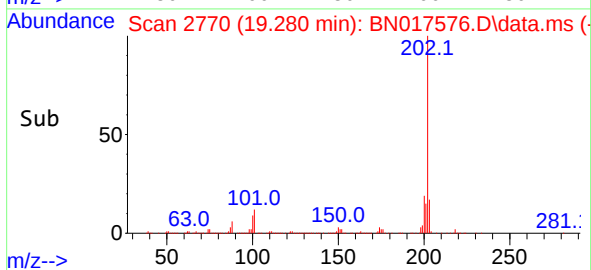
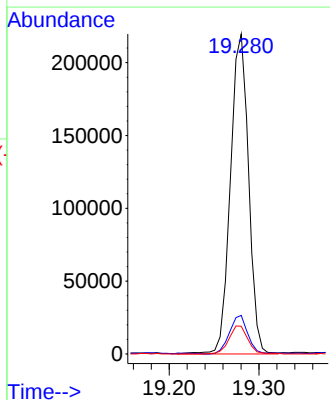
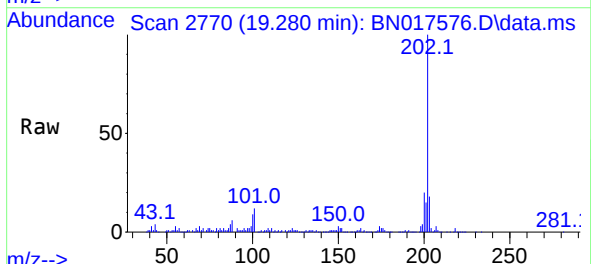
Instrument :  
BNA\_N  
ClientSampleId :  
DBLP0

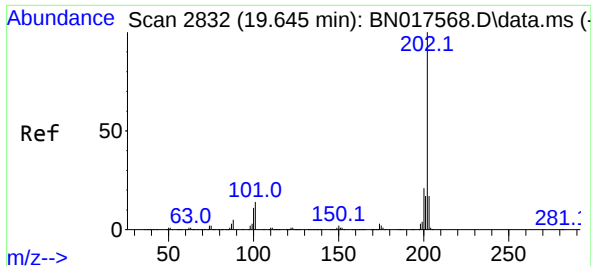
Tgt Ion:178 Resp: 177444  
Ion Ratio Lower Upper  
178 100  
179 14.8 12.5 18.7  
176 19.4 14.6 22.0



#80  
Fluoranthene  
Concen: 4.718 ng/ul  
RT: 19.280 min Scan# 2770  
Delta R.T. 0.000 min  
Lab File: BN017576.D  
Acq: 23 Nov 2021 20:57

Tgt Ion:202 Resp: 308498  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.6 14.4  
100 8.7 7.3 10.9

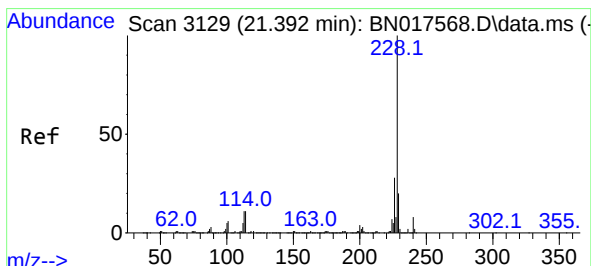
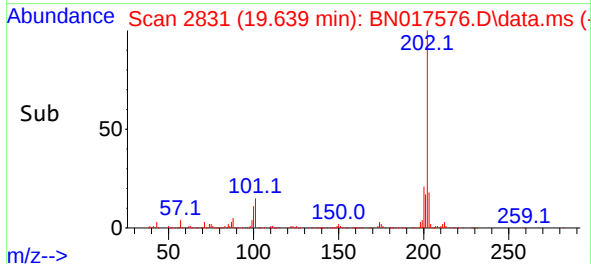
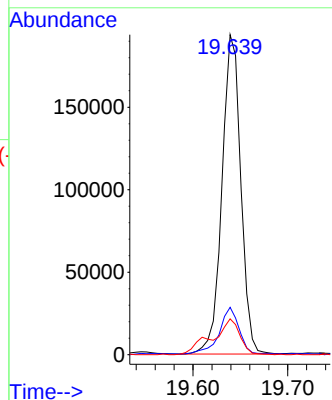
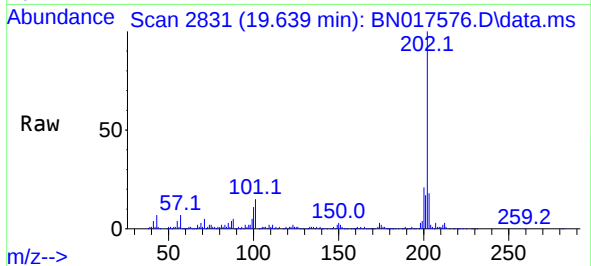




#82  
 Pyrene  
 Concen: 4.097 ng/ul  
 RT: 19.639 min Scan# 2831  
 Delta R.T. -0.006 min  
 Lab File: BN017576.D  
 Acq: 23 Nov 2021 20:57

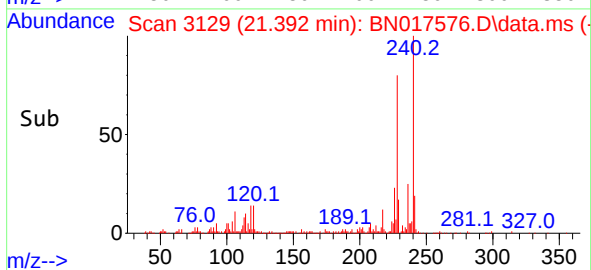
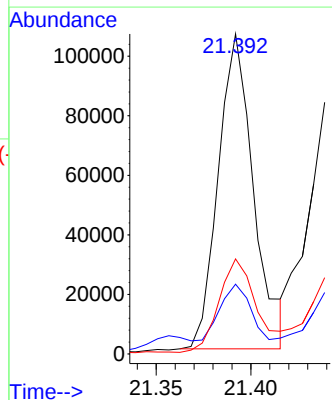
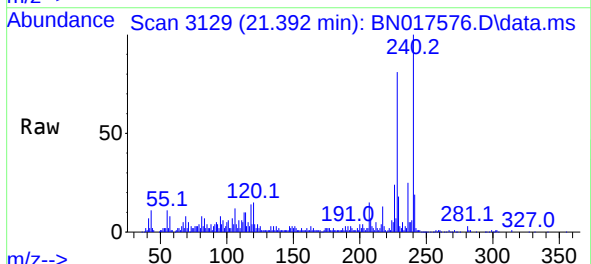
Instrument :  
 BNA\_N  
 ClientSampleId :  
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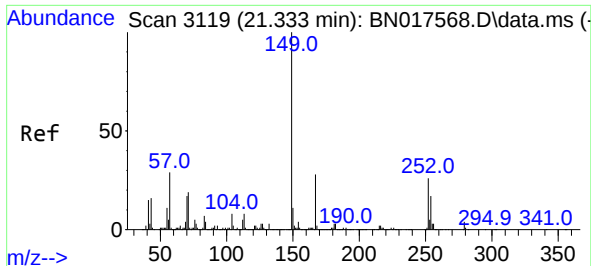
Tgt Ion:202 Resp: 268172  
 Ion Ratio Lower Upper  
 202 100  
 101 14.8 11.8 17.6  
 100 11.2 9.6 14.4



#85  
 Benzo(a)anthracene  
 Concen: 2.418 ng/ul  
 RT: 21.392 min Scan# 3129  
 Delta R.T. -0.006 min  
 Lab File: BN017576.D  
 Acq: 23 Nov 2021 20:57

Tgt Ion:228 Resp: 137136  
 Ion Ratio Lower Upper  
 228 100  
 229 21.8 15.8 23.8  
 226 29.7 21.8 32.8

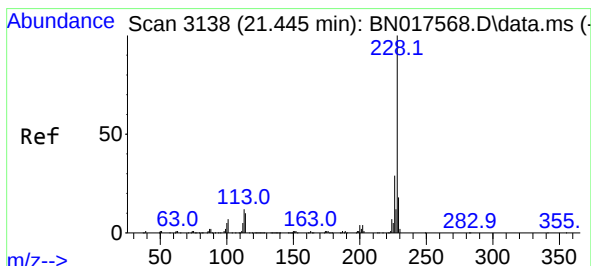
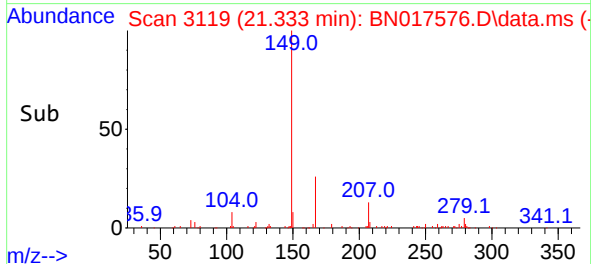
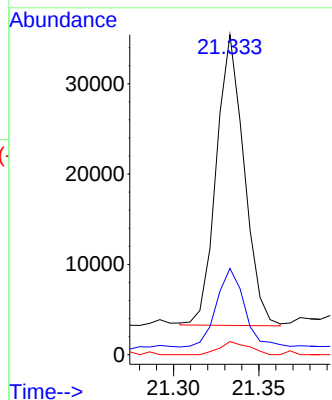
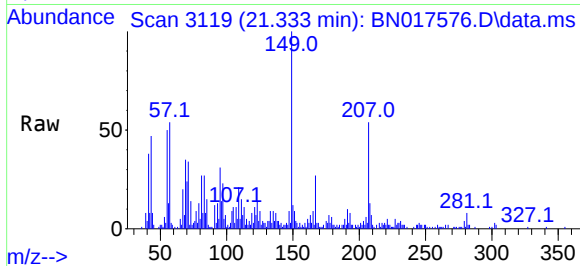




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.054 ng/ul  
 RT: 21.333 min Scan# 3119  
 Delta R.T. -0.006 min  
 Lab File: BN017576.D  
 Acq: 23 Nov 2021 20:57

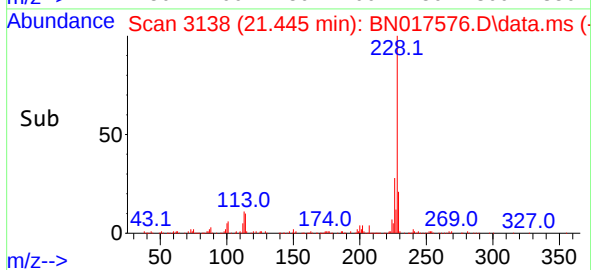
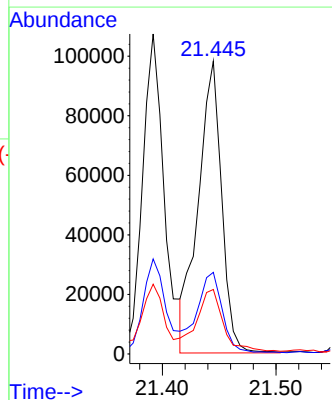
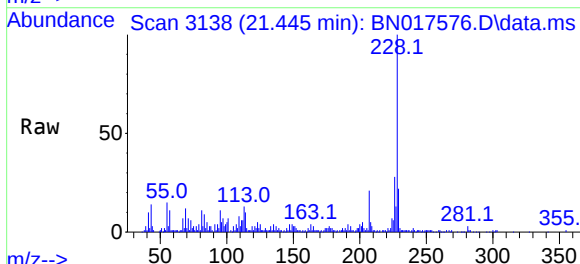
Instrument :  
 BNA\_N  
 ClientSampleId :  
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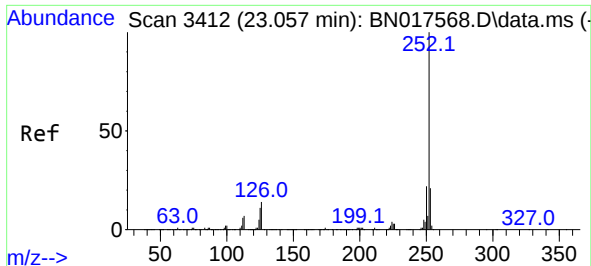
Tgt Ion:149 Resp: 36469  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 22.6 33.8  
 279 4.1 3.8 5.6



#87  
 Chrysene  
 Concen: 2.524 ng/ul  
 RT: 21.445 min Scan# 3138  
 Delta R.T. 0.000 min  
 Lab File: BN017576.D  
 Acq: 23 Nov 2021 20:57

Tgt Ion:228 Resp: 140700  
 Ion Ratio Lower Upper  
 228 100  
 226 27.9 24.1 36.1  
 229 22.0 15.6 23.4

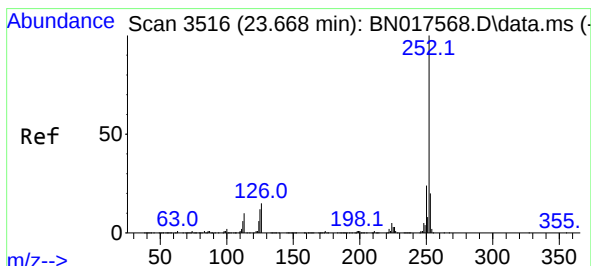
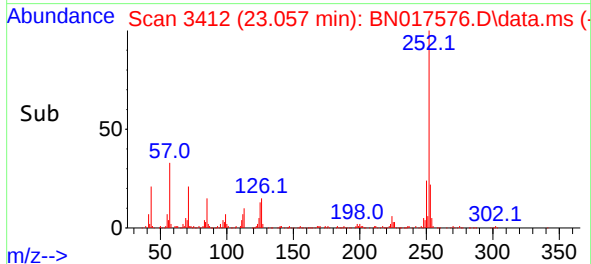
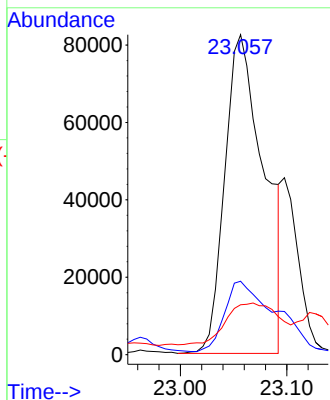
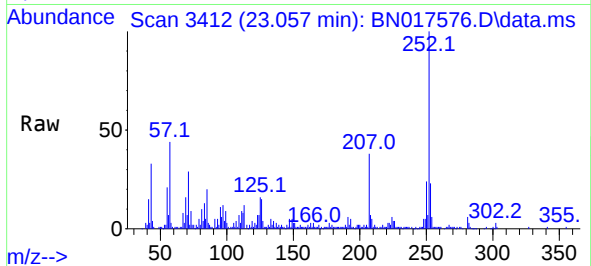




#90  
Benzo(b)fluoranthene  
Concen: 3.485 ng/u1  
RT: 23.057 min Scan# 3412  
Delta R.T. 0.000 min  
Lab File: BN017576.D  
Acq: 23 Nov 2021 20:57

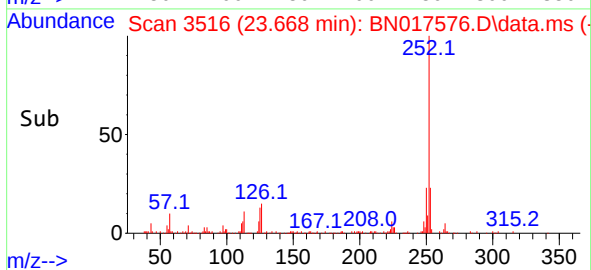
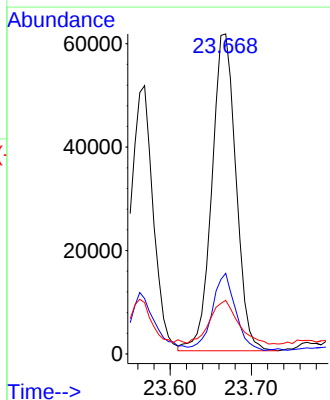
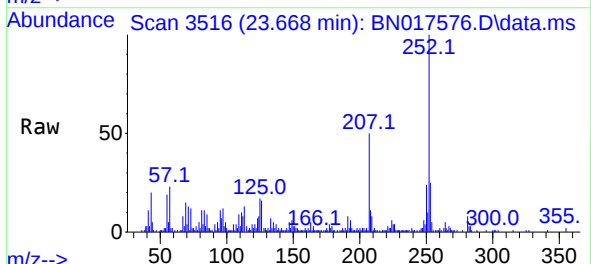
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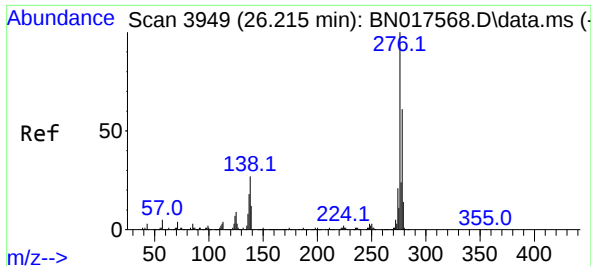
Tgt Ion:252 Resp: 210846  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.4 27.6  
125 15.6 9.4 14.0#



#93  
Benzo(a)pyrene  
Concen: 2.206 ng/u1  
RT: 23.668 min Scan# 3516  
Delta R.T. -0.006 min  
Lab File: BN017576.D  
Acq: 23 Nov 2021 20:57

Tgt Ion:252 Resp: 126732  
Ion Ratio Lower Upper  
252 100  
253 25.2 17.5 26.3  
125 16.7 9.7 14.5#

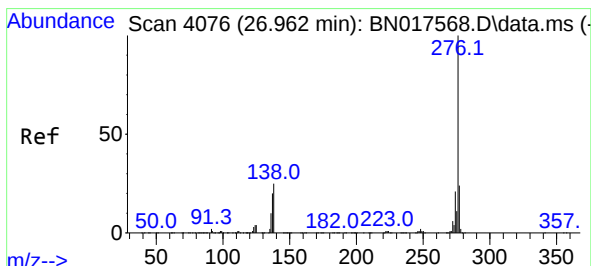
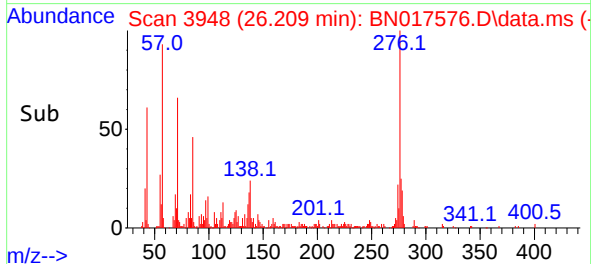
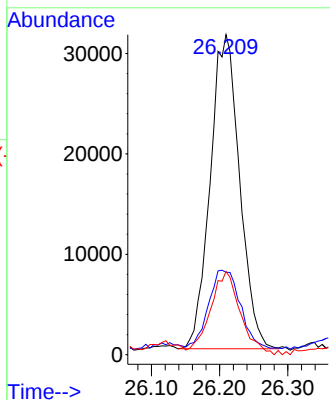
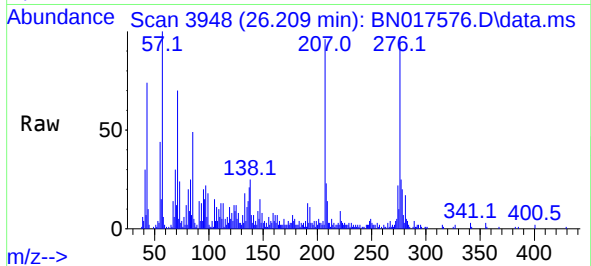




#94  
Indeno(1,2,3-cd)pyrene  
Concen: 1.575 ng/ul  
RT: 26.209 min Scan# 3948  
Delta R.T. -0.017 min  
Lab File: BN017576.D  
Acq: 23 Nov 2021 20:57

Instrument :  
BNA\_N  
ClientSampleId :  
DBLP0

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 93935 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 25.7  | 21.4  | 32.2  |
| 277       | 26.0  | 19.5  | 29.3  |



#96  
Benzo(g,h,i)perylene  
Concen: 1.747 ng/ul  
RT: 26.956 min Scan# 4075  
Delta R.T. -0.012 min  
Lab File: BN017576.D  
Acq: 23 Nov 2021 20:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 89032 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 26.2  | 18.2  | 27.4  |
| 277       | 25.0  | 17.4  | 26.0  |

