

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP121220\  
 Data File : BP004243.D  
 Acq On : 11 Dec 2020 23:43  
 Operator : CG/JU  
 Sample : L5000-15  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A54B4

Quant Time: Dec 12 01:46:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 10 13:52:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 387358   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 1592857  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.47 | 164  | 953023   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.23 | 188  | 2012356  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.32 | 240  | 2030728  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.67 | 264  | 2145065  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.33  | 96  | 32417   | 2.94  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 566617  | 17.68 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 371262  | 18.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 473496  | 19.47 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 383540  | 15.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.98  | 128 | 246685  | 18.91 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 228314  | 21.22 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 449284  | 18.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.76 | 131 | 571099  | 19.47 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.88 | 166 | 1423202 | 19.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.16 | 160 | 1850544 | 19.91 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.66 | 143 | 139342  | 11.33 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.47 | 176 | 1237736 | 18.76 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 111882  | 11.59 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.33 | 188 | 1894868 | 19.32 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.57 | 212 | 2237488 | 21.15 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.52 | 264 | 2341650 | 20.72 | ng/ul | 0.00 |

## Target Compounds

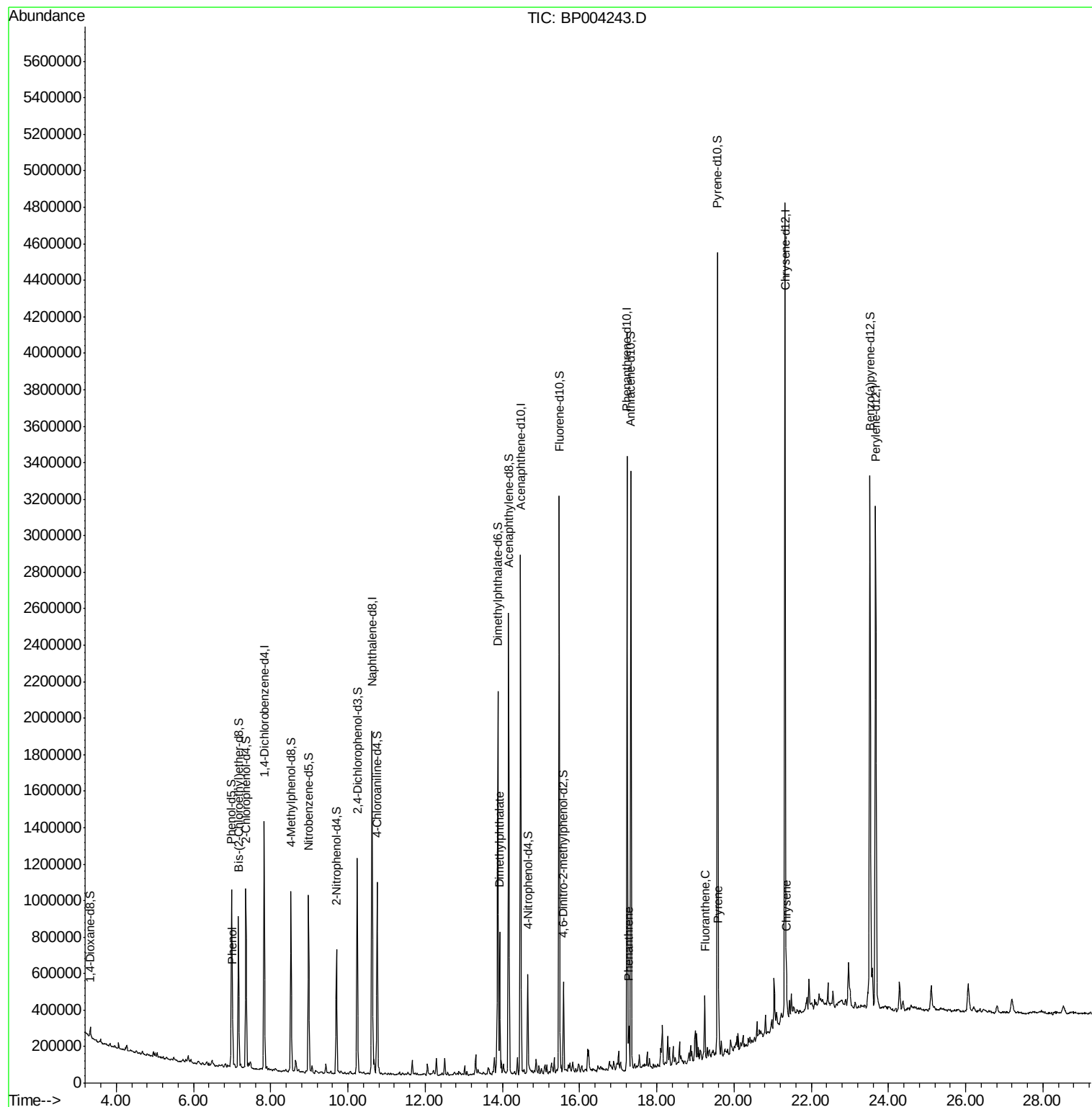
|                       |       |     |        |       | Ovalue    |
|-----------------------|-------|-----|--------|-------|-----------|
| 6) Phenol             | 7.02  | 94  | 142430 | 4.257 | ng/ul 99  |
| 45) Dimethylphthalate | 13.93 | 163 | 505962 | 6.820 | ng/ul 99  |
| 70) Phenanthrene      | 17.27 | 178 | 152093 | 1.281 | ng/ul 100 |
| 77) Fluoranthene      | 19.25 | 202 | 160733 | 1.268 | ng/ul 97  |
| 80) Pyrene            | 19.60 | 202 | 165737 | 1.210 | ng/ul 99  |
| 85) Chrysene          | 21.36 | 228 | 143847 | 1.095 | ng/ul# 95 |

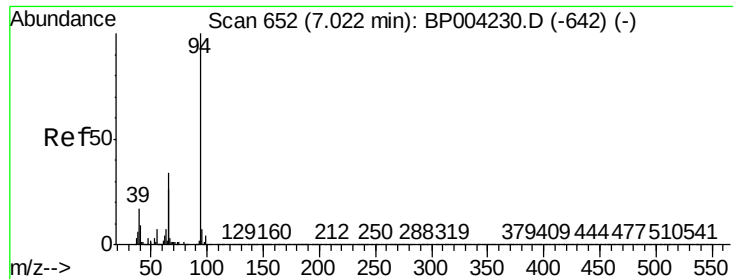
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 4.257 ng/ul

RT: 7.02 min Scan# 651

Delta R.T. -0.00 min

Lab File: BP004243.D

Acq: 11 Dec 2020 23:43

Instrument :

BNA\_P

ClientSampleId :

A54B4

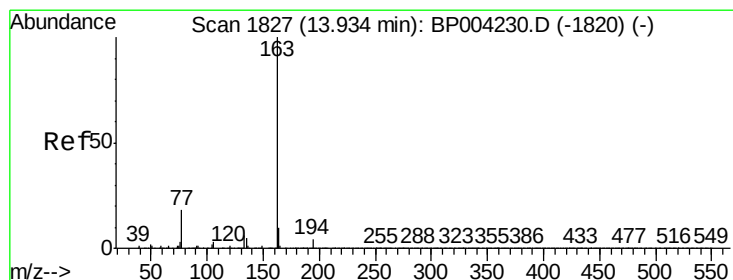
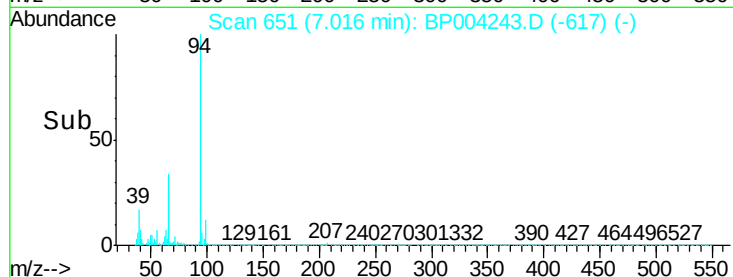
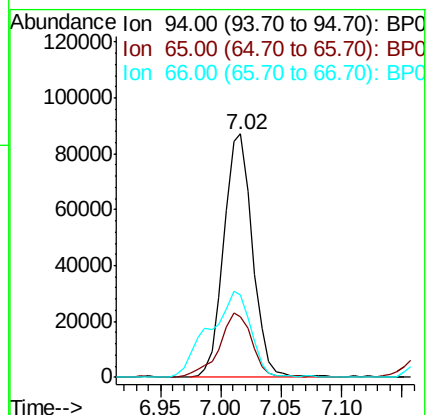
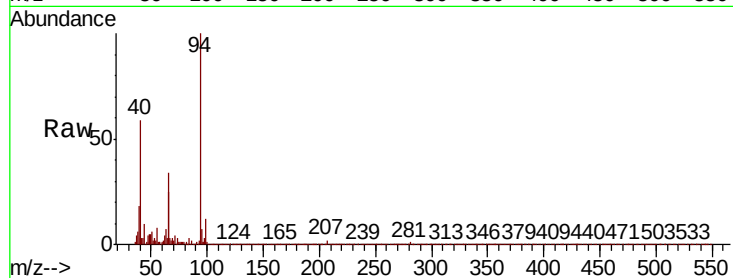
Tot Ion: 94 Resp: 142430

Ion Ratio Lower Upper

94 100

65 25.1 20.8 31.2

66 33.7 26.5 39.7



#45

Dimethylphthalate

Concen: 6.820 ng/ul

RT: 13.93 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BP004243.D

Acq: 11 Dec 2020 23:43

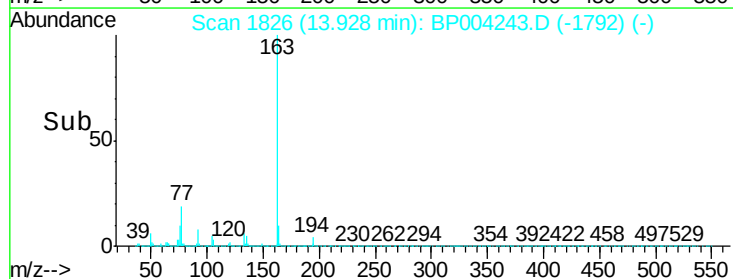
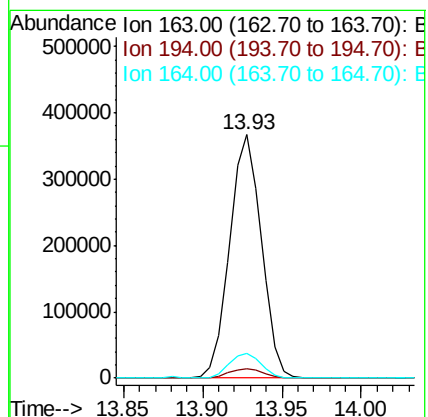
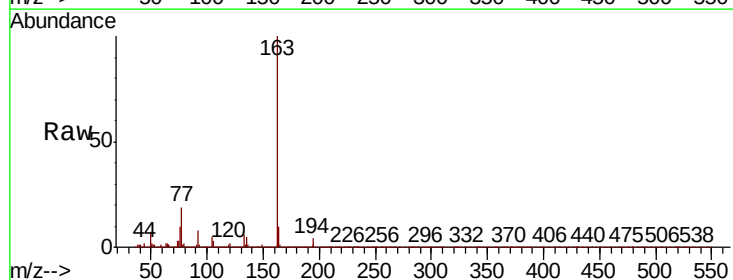
Tgt Ion: 163 Resp: 505962

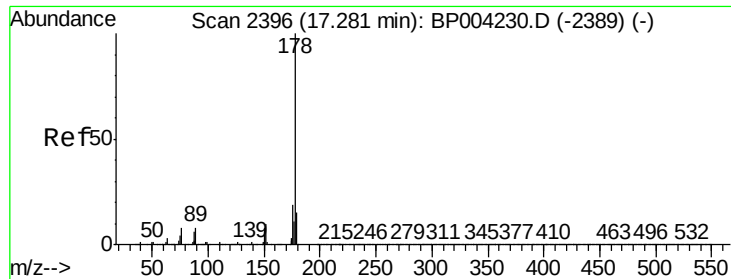
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.1 8.4 12.6





#70

Phenanthrene

Concen: 1.281 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BP004243.D

Acq: 11 Dec 2020 23:43

Instrument :

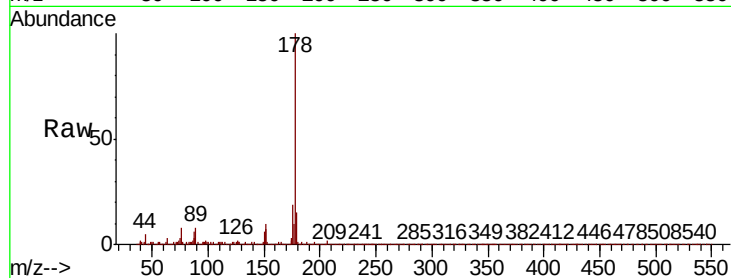
BNA\_P

ClientSampled :

A54B4

Tot Ion:178 Resp: 152093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 12.4  | 18.6  |
| 176 | 18.9  | 15.4  | 23.0  |

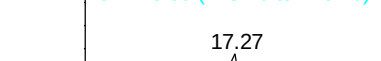


Abundance

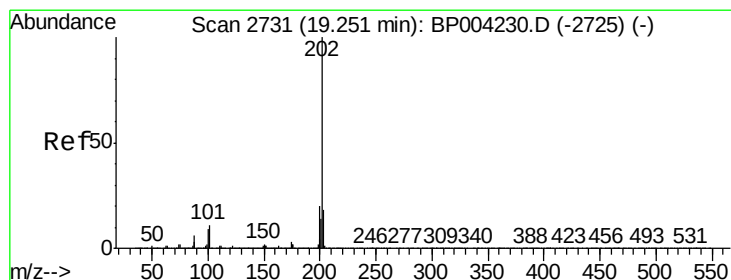
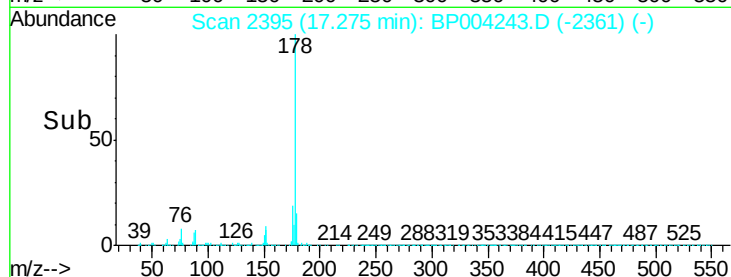
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.20 17.25 17.30



#77

Fluoranthene

Concen: 1.268 ng/ul

RT: 19.25 min Scan# 2730

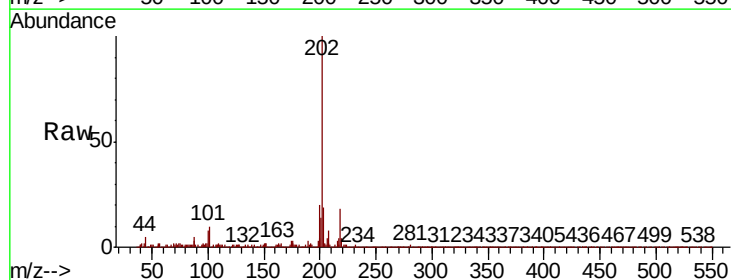
Delta R.T. -0.00 min

Lab File: BP004243.D

Acq: 11 Dec 2020 23:43

Tgt Ion:202 Resp: 160733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 10.2  | 9.1   | 13.7  |
| 100 | 7.5   | 7.1   | 10.7  |

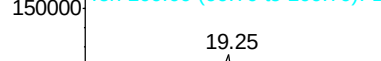


Abundance

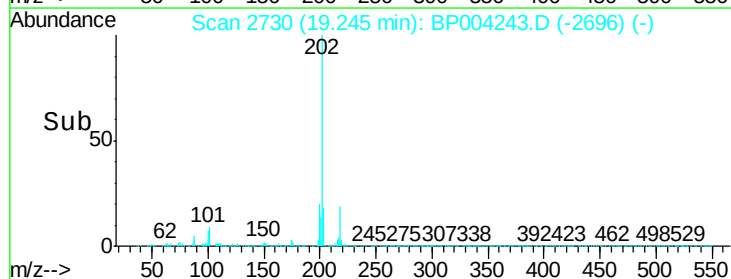
Ion 202.00 (201.70 to 202.70): E

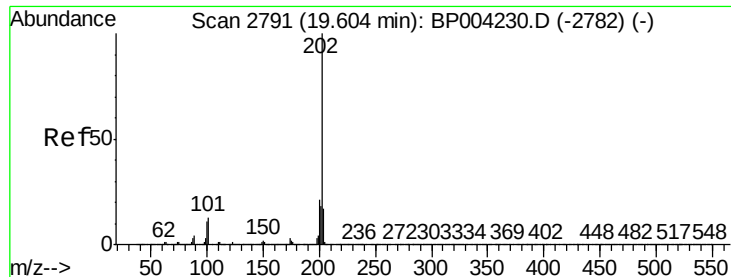
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time--> 19.20 19.25 19.30

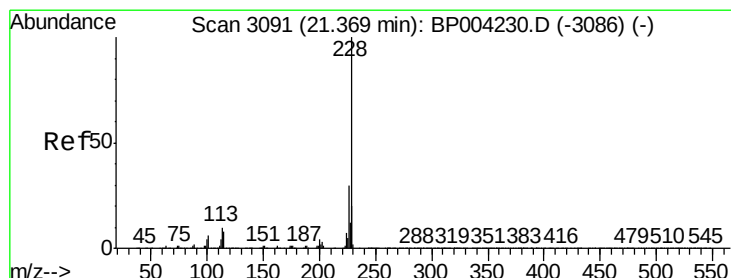
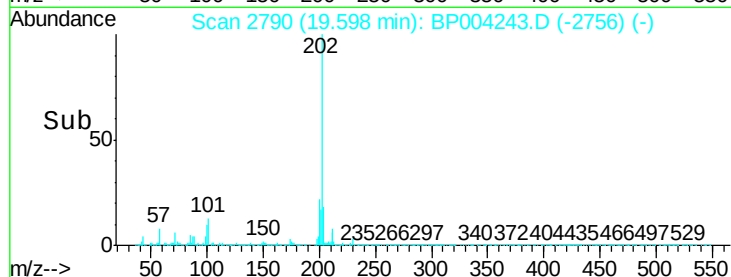
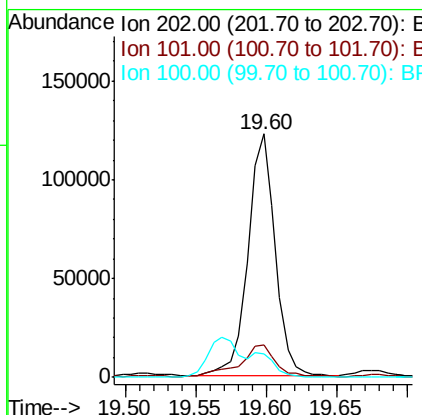
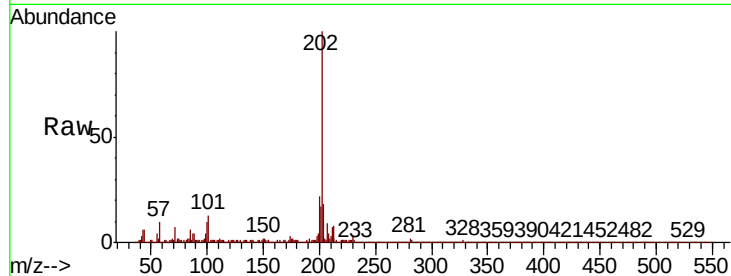




#80  
Pvrene  
Concen: 1.210 ng/ul  
RT: 19.60 min Scan# 2790  
Delta R.T. -0.00 min  
Lab File: BP004243.D  
Acq: 11 Dec 2020 23:43

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BNA\_P  
ClientSampleId :  
A54B4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.1  | 10.6  | 15.8  |
| 100     | 9.8   | 8.6   | 12.8  |



#85  
Chrysene  
Concen: 1.095 ng/ul  
RT: 21.36 min Scan# 3089  
Delta R.T. -0.01 min  
Lab File: BP004243.D  
Acq: 11 Dec 2020 23:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 24.2  | 36.2  |
| 229     | 24.5  | 15.8  | 23.8  |

