

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM063021\  
 Data File : BM030787.D  
 Acq On : 02 Jul 2021 22:57  
 Operator : CG/JU  
 Sample : M2869-18  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDY8

Manual Integrations  
 APPROVED

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 7/6/2021 9:25:09 AM

Quant Time: Jul 02 23:59:43 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 02 23:05:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 76973    | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.551 | 136  | 308635   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.398 | 164  | 186212   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.139 | 188  | 345848   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.309 | 240  | 334753   | 20.00 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.556 | 264  | 378479   | 20.00 | ng/ul  | 0.00     |
|                               |        |      |          |       |        |          |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.263  | 96   | 4984     | 2.63  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.722  | 84   | 14869m   | 2.91  | ng/ul  | 0.05     |
| 7) Phenol-d5                  | 6.940  | 99   | 79961    | 12.05 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.104  | 67   | 55155    | 13.22 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.304  | 132  | 68793    | 13.43 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.469  | 113  | 59546    | 11.53 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.928  | 128  | 29518    | 12.82 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.645  | 143  | 31274    | 12.22 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.181 | 165  | 58921    | 12.02 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.698 | 131  | 72979    | 10.67 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.810 | 166  | 177243   | 13.79 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.092 | 160  | 217890   | 13.06 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.621 | 143  | 11809m   | 4.85  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.392 | 176  | 161130   | 14.13 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.521 | 200  | 11550    | 5.10  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.233 | 188  | 227853   | 14.12 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.521 | 212  | 244424   | 13.93 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.409 | 264  | 245852   | 12.49 | ng/ul  | 0.00     |
|                               |        |      |          |       |        |          |
| Target Compounds              |        |      |          |       |        | Qvalue   |
| 80) Fluoranthene              | 19.192 | 202  | 56743    | 2.65  | ng/ul  | 99       |
| 82) Pyrene                    | 19.551 | 202  | 42119    | 1.87  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.292 | 228  | 38176    | 1.84  | ng/ul  | 99       |
| 87) Chrysene                  | 21.345 | 228  | 31643    | 1.56  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 22.880 | 252  | 40808    | 1.70  | ng/ul# | 93       |
| 93) Benzo(a)pyrene            | 23.456 | 252  | 21843    | 1.01  | ng/ul# | 91       |
| -----                         |        |      |          |       |        |          |

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

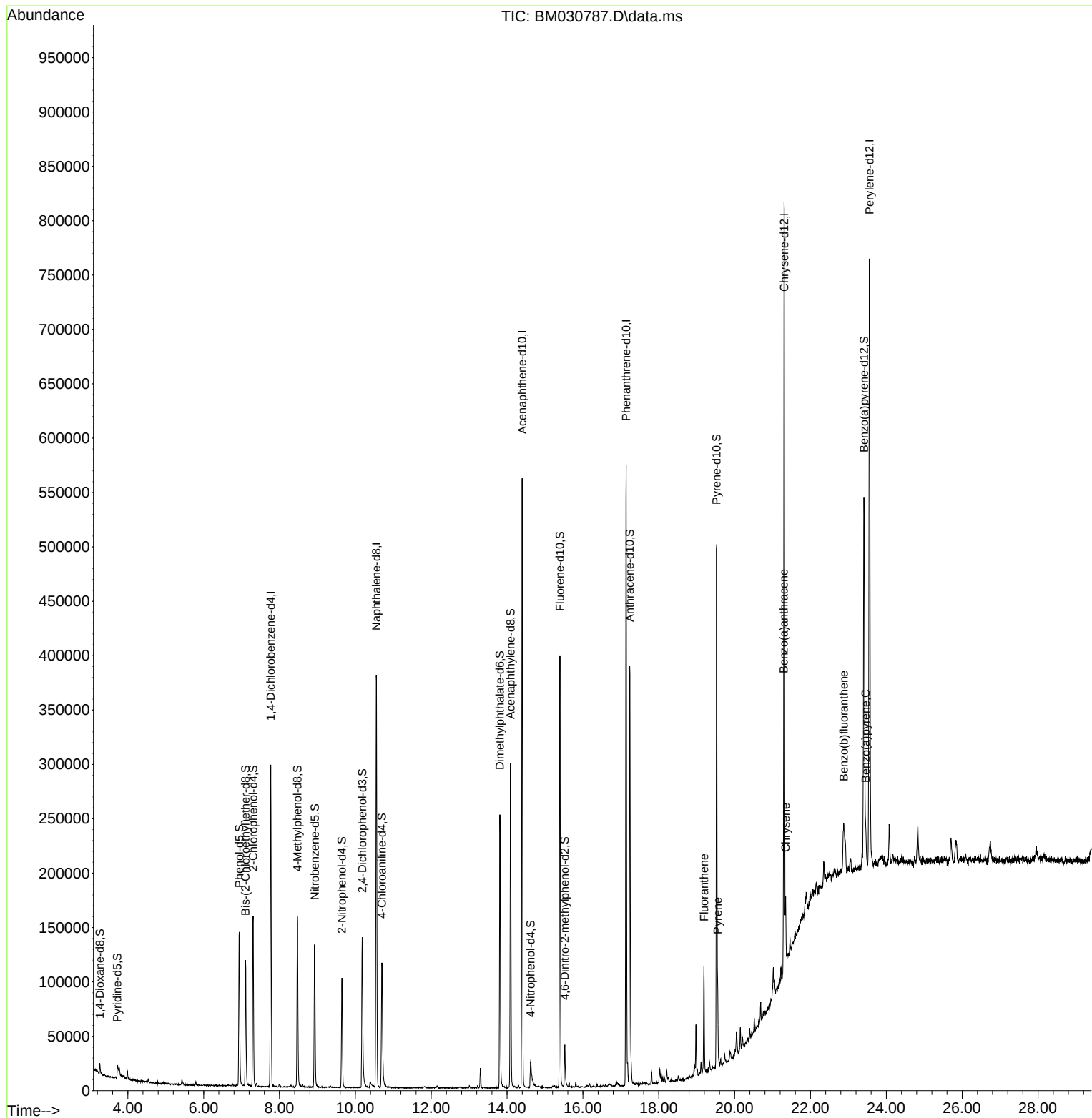
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM063021\  
Data File : BM030787.D  
Acq On : 02 Jul 2021 22:57  
Operator : CG/JU  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

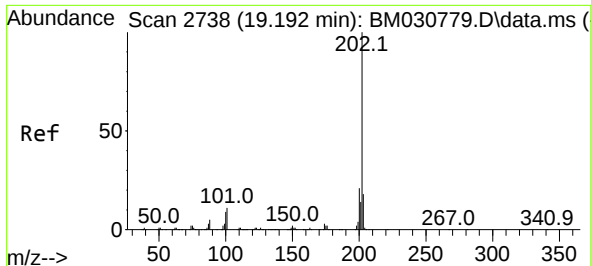
Instrument :  
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 02 23:05:33 2021  
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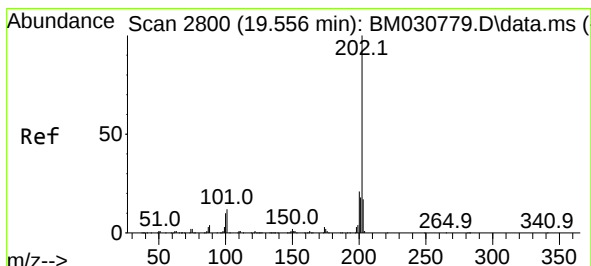
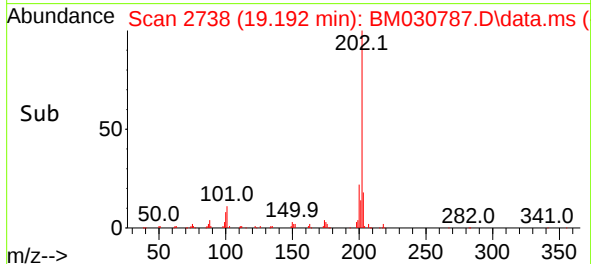
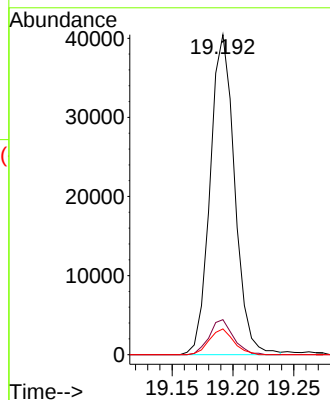
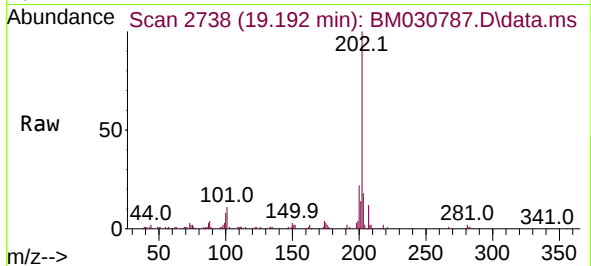
#80  
Fluoranthene  
Concen: 2.65 ng/ul  
RT: 19.192 min Scan# 2738  
Delta R.T. 0.000 min  
Lab File: BM030787.D  
Acq: 02 Jul 2021 22:57

Tgt Ion:202 Resp: 56743  
Ion Ratio Lower Upper  
202 100  
101 10.9 8.8 13.2  
100 8.0 6.8 10.2

Instrument :  
BNA\_M  
ClientSampled :  
BGDY8

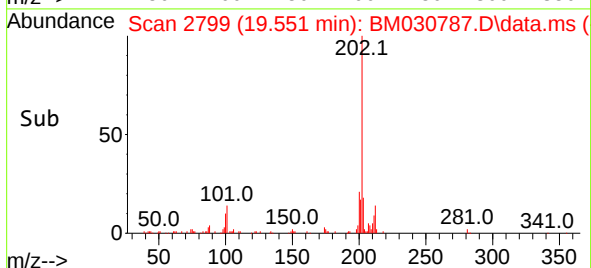
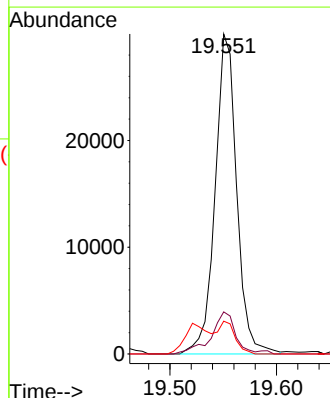
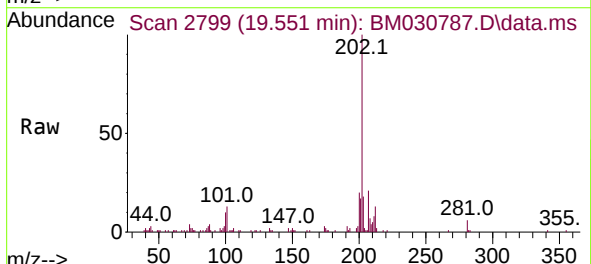
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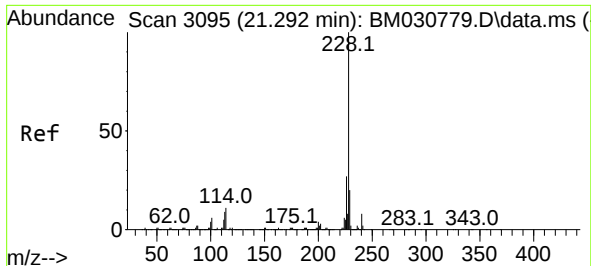
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#82  
Pyrene  
Concen: 1.87 ng/ul  
RT: 19.551 min Scan# 2799  
Delta R.T. -0.006 min  
Lab File: BM030787.D  
Acq: 02 Jul 2021 22:57

Tgt Ion:202 Resp: 42119  
Ion Ratio Lower Upper  
202 100  
101 13.2 10.0 15.0  
100 10.3 8.5 12.7





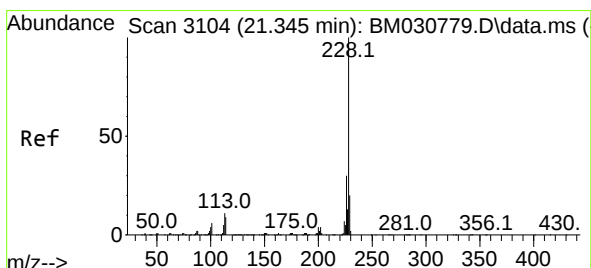
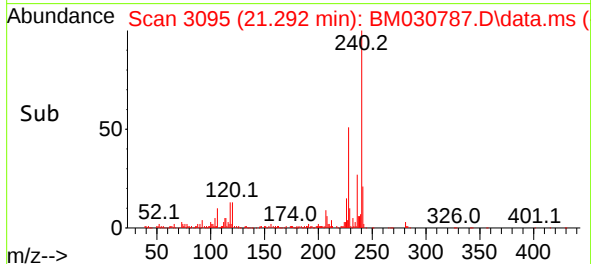
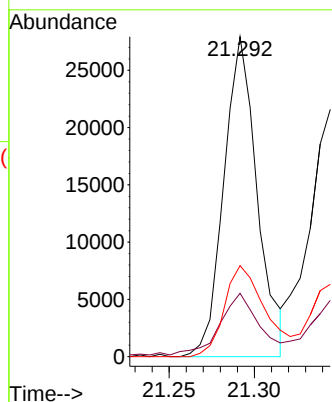
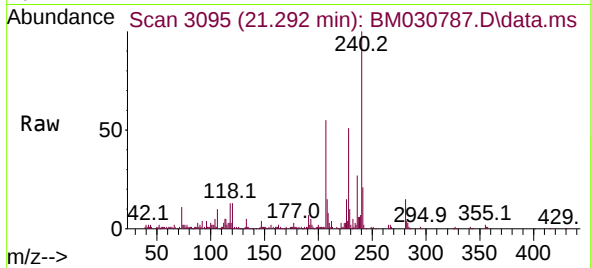
#85  
Benzo(a)anthracene  
Concen: 1.84 ng/ul  
RT: 21.292 min Scan# 3095  
Delta R.T. 0.000 min  
Lab File: BM030787.D  
Acq: 02 Jul 2021 22:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 38176 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 229       | 19.8  | 16.0  | 24.0  |
| 226       | 28.4  | 22.2  | 33.2  |

Instrument :  
BNA\_M  
ClientSampleId :  
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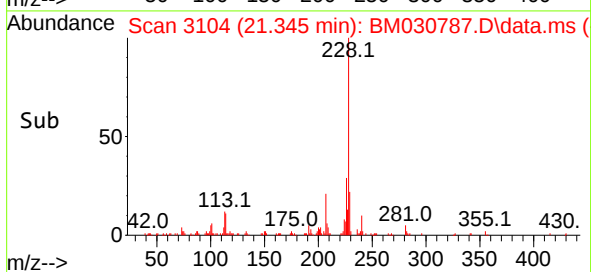
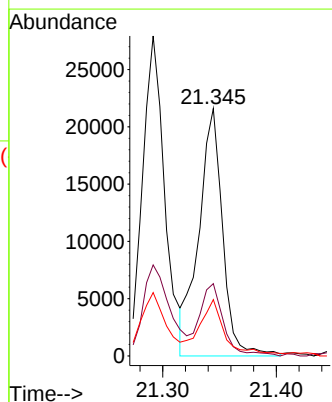
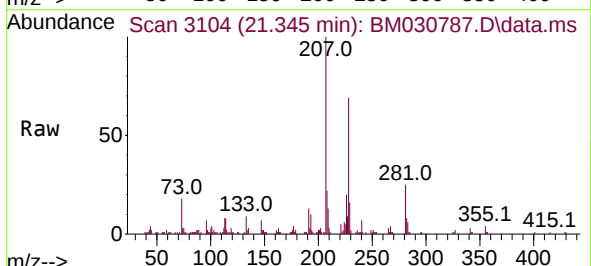
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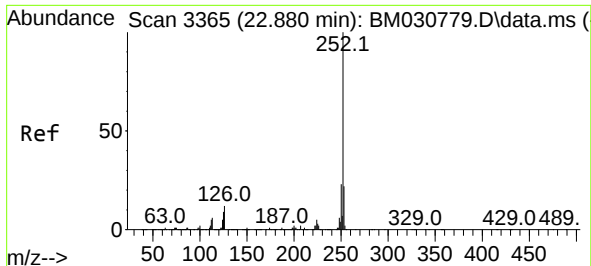
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#87  
Chrysene  
Concen: 1.56 ng/ul  
RT: 21.345 min Scan# 3104  
Delta R.T. 0.000 min  
Lab File: BM030787.D  
Acq: 02 Jul 2021 22:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 31643 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.2  | 23.6  | 35.4  |
| 229       | 22.7  | 15.9  | 23.9  |





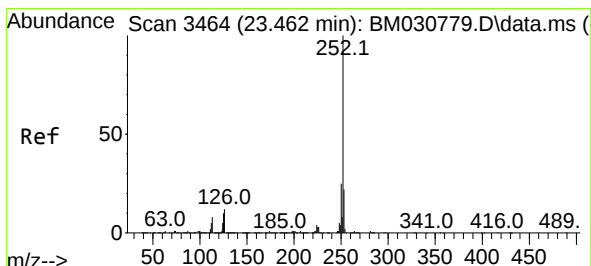
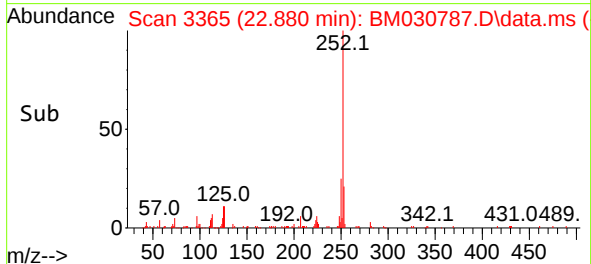
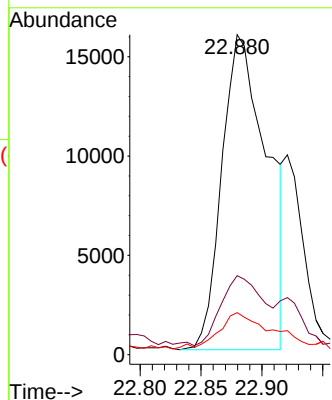
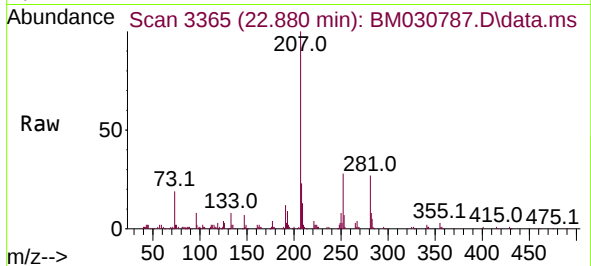
#90  
Benzo(b)fluoranthene  
Concen: 1.70 ng/ul  
RT: 22.880 min Scan# 3365  
Delta R.T. 0.000 min  
Lab File: BM030787.D  
Acq: 02 Jul 2021 22:57

Tgt Ion:252 Resp: 40808  
Ion Ratio Lower Upper  
252 100  
253 24.7 17.8 26.6  
125 13.1 7.7 11.5#

Instrument :  
BNA\_M  
ClientSampled :  
BGDY8

Manual Integrations  
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#93  
Benzo(a)pyrene  
Concen: 1.01 ng/ul  
RT: 23.456 min Scan# 3463  
Delta R.T. -0.006 min  
Lab File: BM030787.D  
Acq: 02 Jul 2021 22:57

Tgt Ion:252 Resp: 21843  
Ion Ratio Lower Upper  
252 100  
253 27.5 17.5 26.3#  
125 11.6 8.6 13.0

