

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062823\  
 Data File : BP015770.D  
 Acq On : 28 Jun 2023 09:52  
 Operator : MA/JU  
 Sample : 03101-06  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EZEL9

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023  
 Supervised By :mohammad ahmed 06/28/2023

Quant Time: Jun 28 22:12:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 27 00:56:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.057  | 152  | 222941   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.887 | 136  | 922535   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.710 | 164  | 565543   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.469 | 188  | 1188198  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.557 | 240  | 802751   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.104 | 264  | 882026   | 20.000 | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 21148    | 3.413  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.828  | 84   | 222093   | 14.218 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.228  | 99   | 391480   | 20.523 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.381  | 67   | 260308   | 22.057 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.587  | 132  | 316380   | 21.972 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.793  | 113  | 238171   | 15.805 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.246  | 128  | 153771   | 21.810 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.975  | 143  | 175750   | 21.358 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.540 | 165  | 280266   | 19.113 | ng/u1  | 0.02     |
| 31) 4-Chloroaniline-d4        | 11.069 | 131  | 170110   | 9.031  | ng/u1  | 0.03     |
| 46) Dimethylphthalate-d6      | 14.116 | 166  | 1018363  | 23.297 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.404 | 160  | 1110097  | 22.591 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.975 | 143  | 85717m   | 14.860 | ng/u1  | 0.03     |
| 60) Fluorene-d10              | 15.704 | 176  | 862141   | 23.953 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.863 | 200  | 89438m   | 12.240 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.569 | 188  | 1267076  | 23.346 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.792 | 212  | 1373303  | 26.199 | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.939 | 264  | 1081697  | 24.311 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 47) Dimethylphthalate         | 14.163 | 163  | 121279   | 2.681  | ng/u1  | 99       |
| 72) Phenanthrene              | 17.510 | 178  | 179208   | 2.776  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.474 | 202  | 353578   | 5.428  | ng/u1  | 98       |
| 82) Pyrene                    | 19.827 | 202  | 273402   | 4.114  | ng/u1# | 95       |
| 85) Benzo(a)anthracene        | 21.545 | 228  | 73922    | 1.309  | ng/u1# | 91       |
| 86) Bis(2-ethylhexyl)phtha... | 21.421 | 149  | 40233    | 1.080  | ng/u1  | 98       |
| 87) Chrysene                  | 21.598 | 228  | 129033   | 2.408  | ng/u1  | 96       |
| 90) Benzo(b)fluoranthene      | 23.321 | 252  | 154228   | 2.721  | ng/u1# | 84       |
| 93) Benzo(a)pyrene            | 23.986 | 252  | 83050    | 1.677  | ng/u1# | 80       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.809 | 276  | 82081    | 1.221  | ng/u1# | 92       |
| 96) Benzo(g,h,i)perylene      | 27.645 | 276  | 92640    | 1.675  | ng/u1# | 86       |
| -----                         |        |      |          |        |        |          |

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

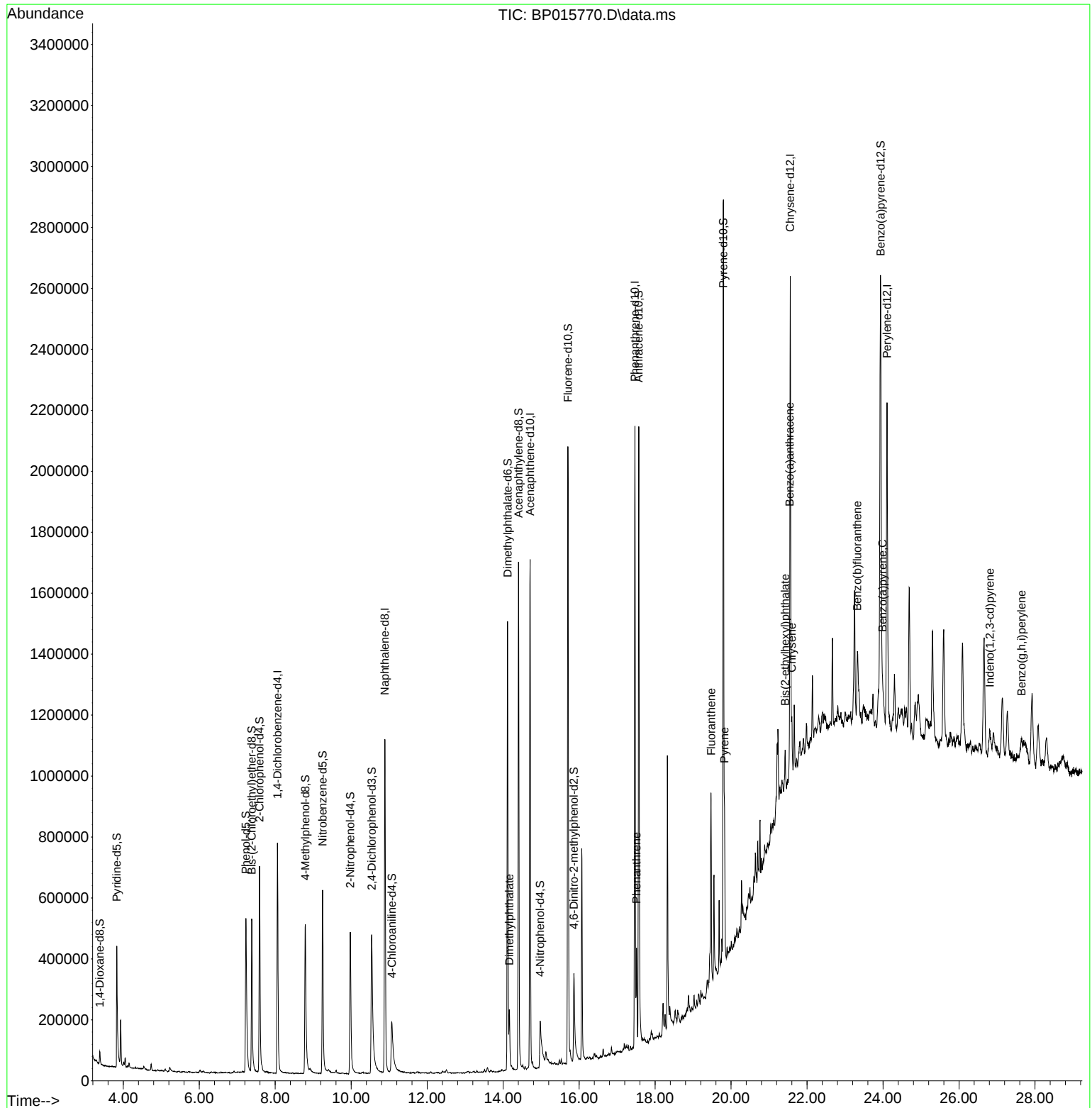
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062823\  
Data File : BP015770.D  
Acq On : 28 Jun 2023 09:52  
Operator : MA/JU  
Sample : 03101-06  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

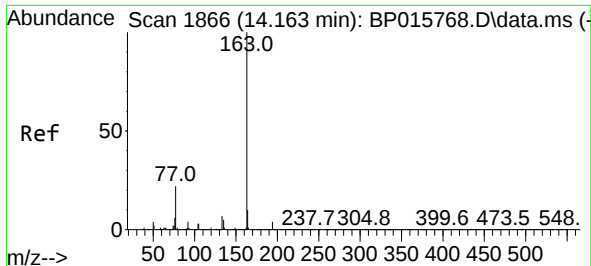
Instrument :  
BNA\_P  
ClientSampleId :  
EZEL9

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/28/2023  
Supervised By :mohammad ahmed 06/28/2023

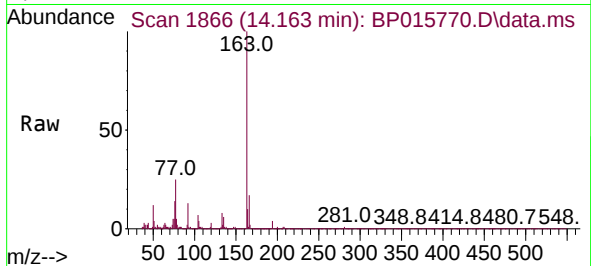
Quant Time: Jun 28 22:12:28 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 27 00:56:58 2023  
Response via : Initial Calibration





#47  
Dimethylphthalate  
Concen: 2.681 ng/ul  
RT: 14.163 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: BP015770.D  
Acq: 28 Jun 2023 09:52

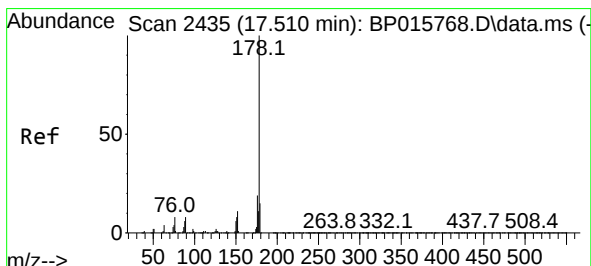
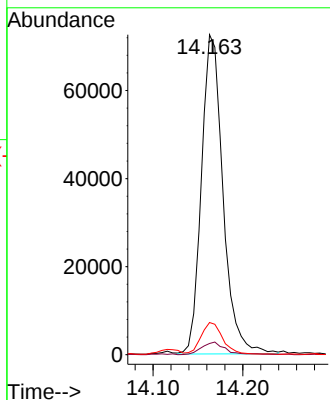
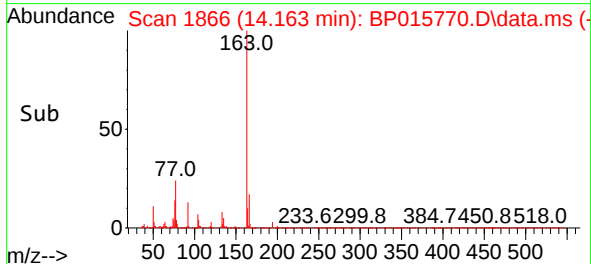
Instrument :  
BNA\_P  
ClientSampleId :  
EZEL9



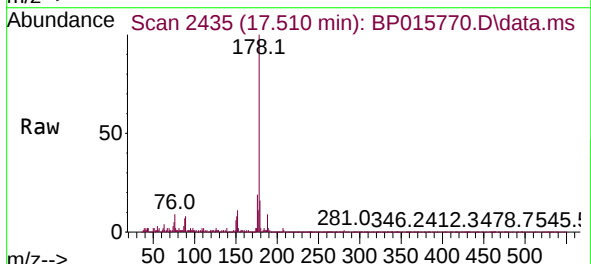
Tgt Ion:163 Resp: 121279  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.1 4.7  
164 10.1 7.7 11.5

Manual Integrations  
APPROVED

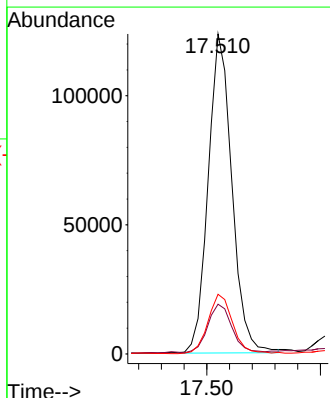
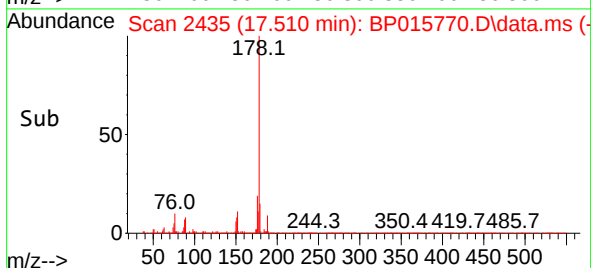
Reviewed By :Yogesh Patel 06/28/2023  
Supervised By :mohammad ahmed 06/28/2023

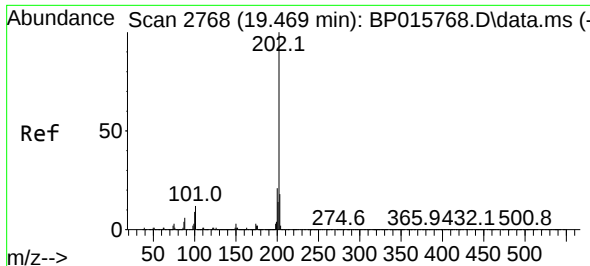


#72  
Phenanthrene  
Concen: 2.776 ng/ul  
RT: 17.510 min Scan# 2435  
Delta R.T. -0.006 min  
Lab File: BP015770.D  
Acq: 28 Jun 2023 09:52



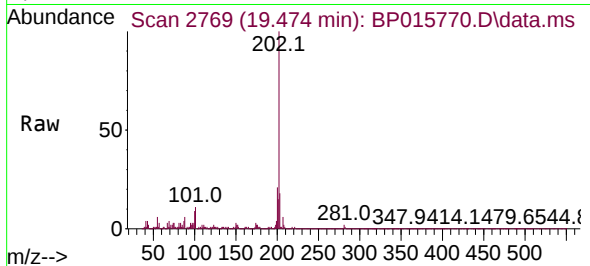
Tgt Ion:178 Resp: 179208  
Ion Ratio Lower Upper  
178 100  
179 15.5 12.4 18.6  
176 18.6 15.6 23.4





#80  
Fluoranthene  
Concen: 5.428 ng/ul  
RT: 19.474 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP015770.D  
Acq: 28 Jun 2023 09:52

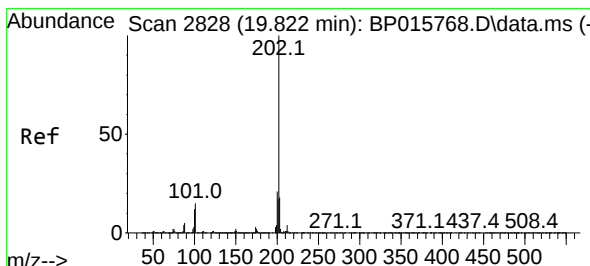
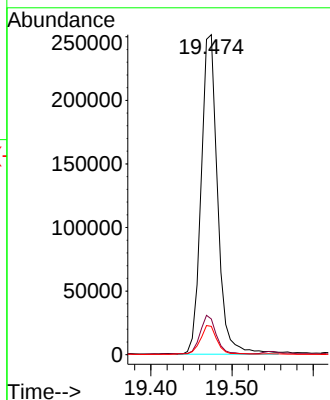
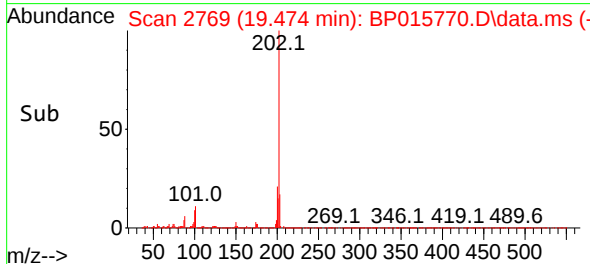
Instrument :  
BNA\_P  
ClientSampleId :  
EZEL9



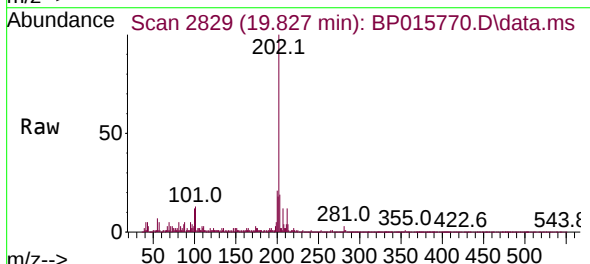
Tgt Ion:202 Resp: 353578  
Ion Ratio Lower Upper  
202 100  
101 11.2 8.3 12.5  
100 8.9 6.6 9.8

Manual Integrations  
APPROVED

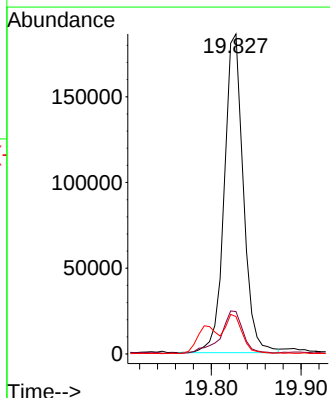
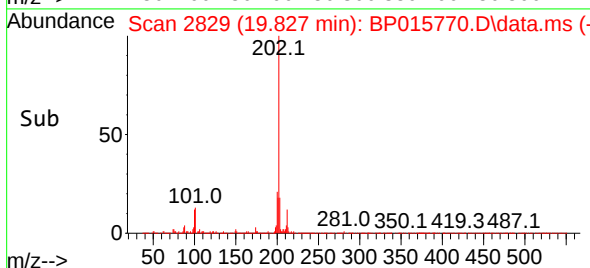
Reviewed By :Yogesh Patel 06/28/2023  
Supervised By :mohammad ahmed 06/28/2023

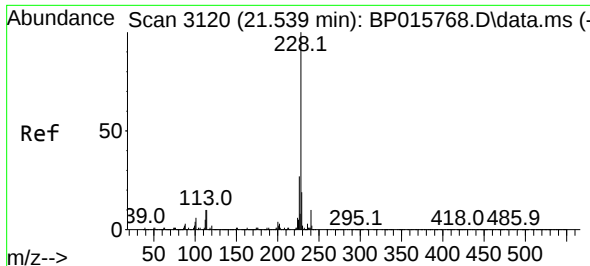


#82  
Pyrene  
Concen: 4.114 ng/ul  
RT: 19.827 min Scan# 2829  
Delta R.T. -0.006 min  
Lab File: BP015770.D  
Acq: 28 Jun 2023 09:52



Tgt Ion:202 Resp: 273402  
Ion Ratio Lower Upper  
202 100  
101 13.2 9.3 13.9  
100 11.7 7.6 11.4





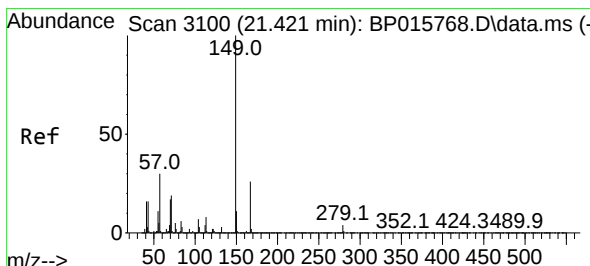
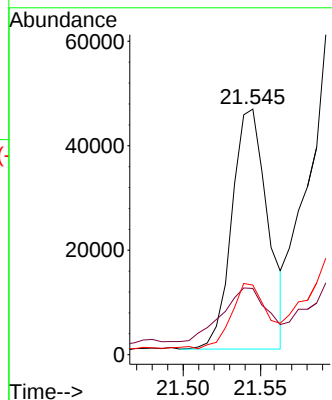
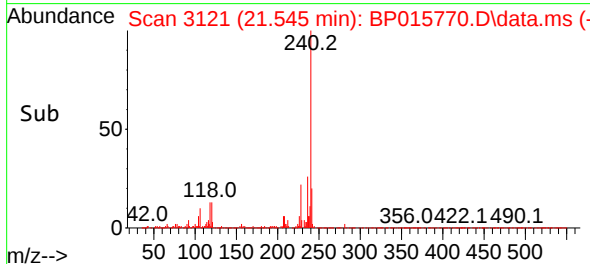
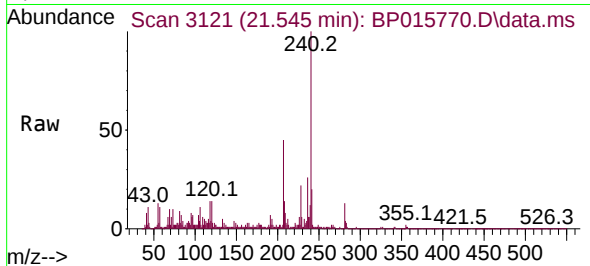
#85  
Benzo(a)anthracene  
Concen: 1.309 ng/ul  
RT: 21.545 min Scan# 3120  
Delta R.T. -0.000 min  
Lab File: BP015770.D  
Acq: 28 Jun 2023 09:52

Instrument :  
BNA\_P  
ClientSampleId :  
EZEL9

Tgt Ion:228 Resp: 7392  
Ion Ratio Lower Upper  
228 100  
229 27.0 15.3 22.9  
226 28.4 21.4 32.0

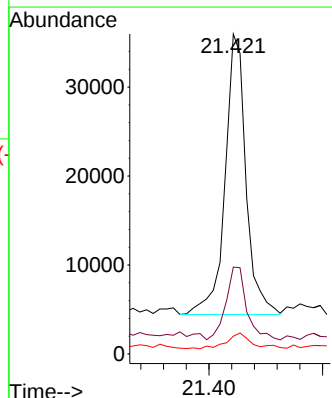
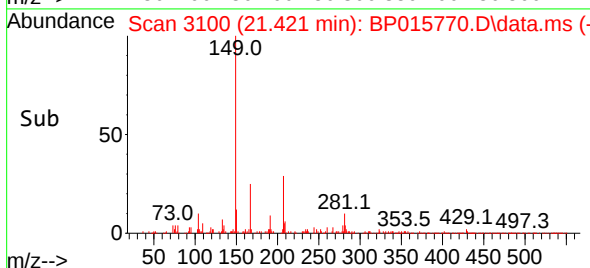
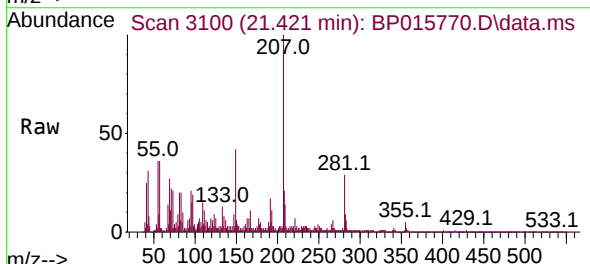
Manual Integrations  
APPROVED

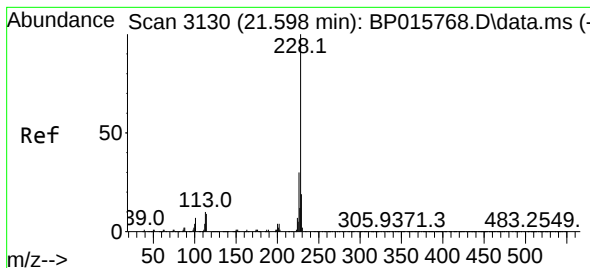
Reviewed By :Yogesh Patel 06/28/2023  
Supervised By :mohammad ahmed 06/28/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 1.080 ng/ul  
RT: 21.421 min Scan# 3100  
Delta R.T. -0.012 min  
Lab File: BP015770.D  
Acq: 28 Jun 2023 09:52

Tgt Ion:149 Resp: 40233  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.0 31.6  
279 5.5 3.8 5.6





#87

Chrysene

Concen: 2.408 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP015770.D

Acq: 28 Jun 2023 09:52

Instrument :

BNA\_P

ClientSampleId :

EZEL9

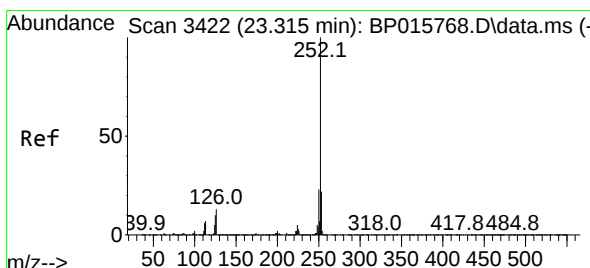
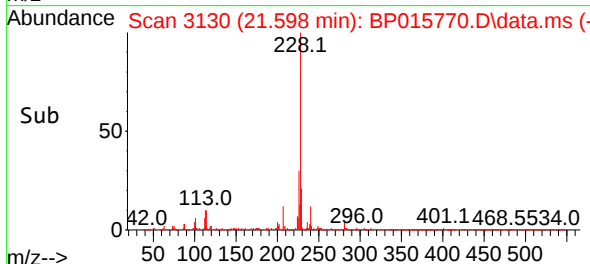
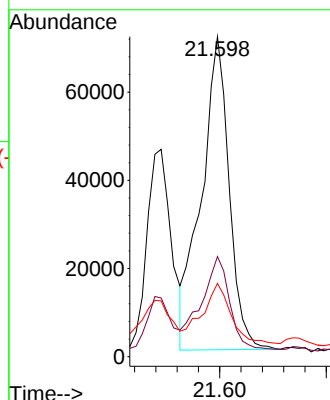
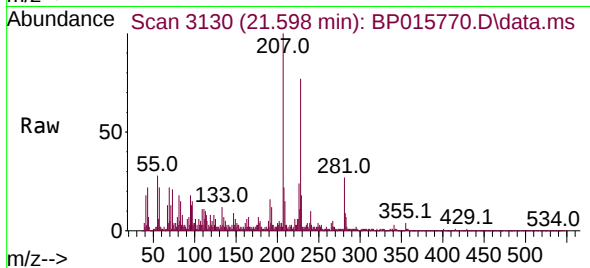
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 12903 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 31.3  | 24.3  | 36.5  |
| 229       | 22.9  | 15.5  | 23.3  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/28/2023



#90

Benzo(b)fluoranthene

Concen: 2.721 ng/ul

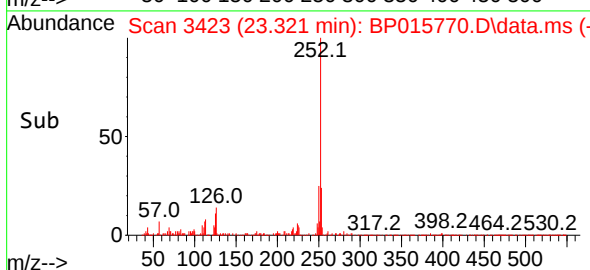
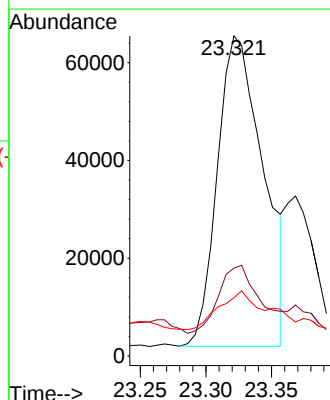
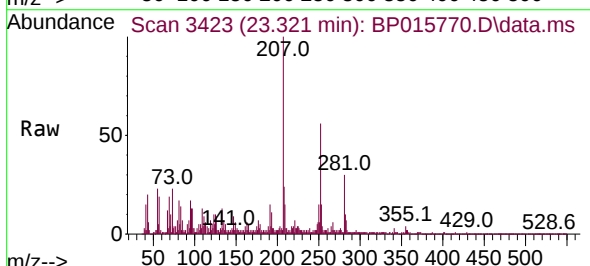
RT: 23.321 min Scan# 3423

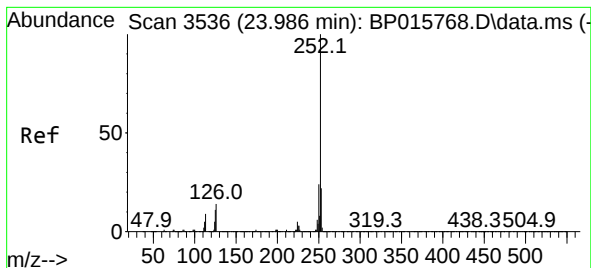
Delta R.T. -0.006 min

Lab File: BP015770.D

Acq: 28 Jun 2023 09:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 154228 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 27.4  | 17.3  | 25.9#  |
| 125       | 18.2  | 7.5   | 11.3#  |





#93

Benzo(a)pyrene

Concen: 1.677 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.018 min

Lab File: BP015770.D

Acq: 28 Jun 2023 09:52

Instrument :

BNA\_P

ClientSampleId :

EZEL9

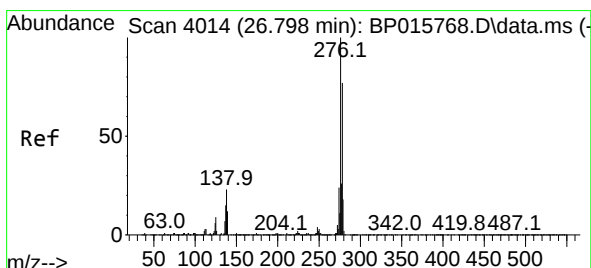
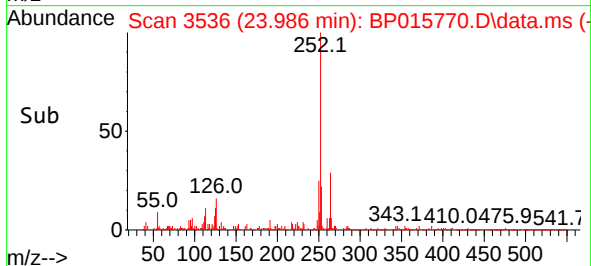
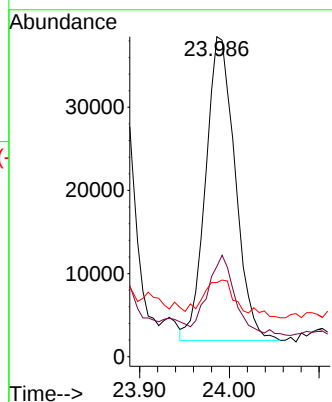
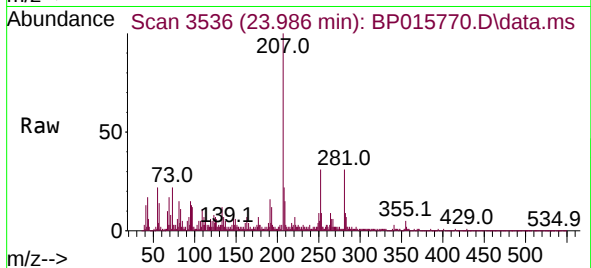
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 83050 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 28.2  | 17.7  | 26.5  |
| 125       | 23.2  | 8.2   | 12.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/28/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.221 ng/ul

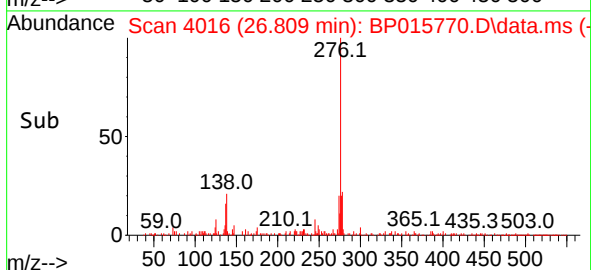
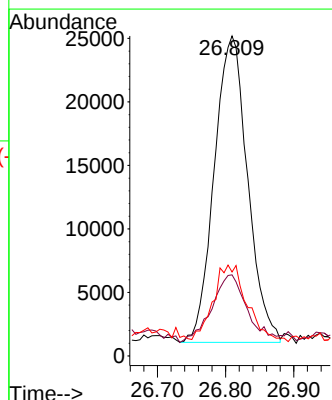
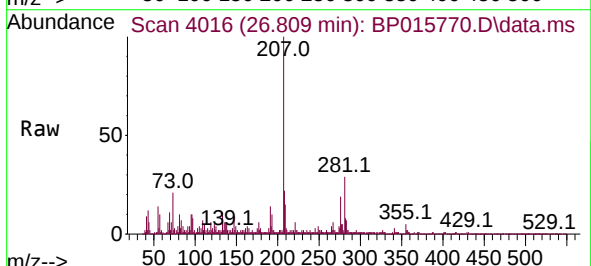
RT: 26.809 min Scan# 4016

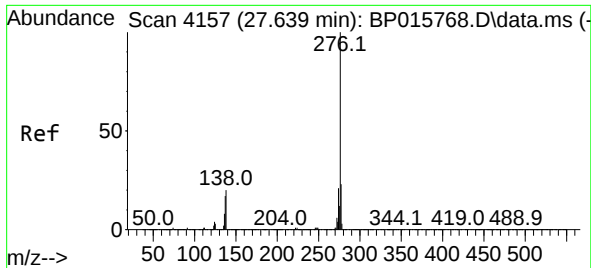
Delta R.T. -0.006 min

Lab File: BP015770.D

Acq: 28 Jun 2023 09:52

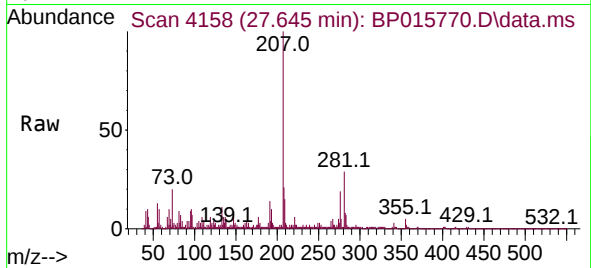
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 82081 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 25.3  | 15.7  | 23.5  |
| 277       | 26.3  | 19.6  | 29.4  |





#96  
Benzo(g,h,i)perylene  
Concen: 1.675 ng/ul  
RT: 27.645 min Scan# 4158  
Delta R.T. -0.012 min  
Lab File: BP015770.D  
Acq: 28 Jun 2023 09:52

Instrument :  
BNA\_P  
ClientSampleId :  
EZEL9



Tgt Ion: 276 Resp: 92640  
Ion Ratio Lower Upper  
276 100  
138 26.8 15.1 22.7  
277 28.8 18.8 28.2

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/28/2023  
Supervised By :mohammad ahmed 06/28/2023

