

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042822\  
 Data File : BP010133.D  
 Acq On : 28 Apr 2022 10:35  
 Operator : CG/JU  
 Sample : N2469-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BFFF8

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022  
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 29 01:17:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP042122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 21 14:49:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.928  | 152  | 192014   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.734 | 136  | 803211   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.563 | 164  | 520318   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.316 | 188  | 1064753  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.404 | 240  | 795333   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.857 | 264  | 655211   | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 9903m    | 2.249  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.093  | 99   | 162695   | 9.315  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.257  | 67   | 128094   | 12.223 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.463  | 132  | 147238   | 11.383 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.634  | 113  | 142982   | 9.881  | ng/ul  | -0.02    |
| 21) Nitrobenzene-d5           | 9.087  | 128  | 78073    | 12.221 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.816  | 143  | 78551    | 11.259 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.357 | 165  | 135180   | 9.953  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.875 | 131  | 88331    | 4.536  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.969 | 166  | 506871   | 12.523 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.257 | 160  | 579821   | 11.837 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.769 | 143  | 11109m   | 1.491  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.557 | 176  | 442945   | 12.722 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 200  | 39653    | 5.890  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.416 | 188  | 666160   | 12.932 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.651 | 212  | 740716   | 16.376 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.698 | 264  | 456134   | 13.279 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.357 | 178  | 63561    | 1.098  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.322 | 202  | 213352   | 4.182  | ng/ul  | 98       |
| 82) Pyrene                    | 19.674 | 202  | 219147   | 4.169  | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.386 | 228  | 85478    | 1.694  | ng/ul  | 96       |
| 87) Chrysene                  | 21.439 | 228  | 135894   | 2.734  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.110 | 252  | 201440   | 4.573  | ng/ul# | 93       |
| 91) Benzo(k)fluoranthene      | 23.151 | 252  | 52849m   | 1.267  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.745 | 252  | 94647    | 2.324  | ng/ul# | 94       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.415 | 276  | 79826    | 1.970  | ng/ul# | 93       |
| 96) Benzo(g,h,i)perylene      | 27.198 | 276  | 74004    | 2.164  | ng/ul# | 95       |
| -----                         |        |      |          |        |        |          |

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

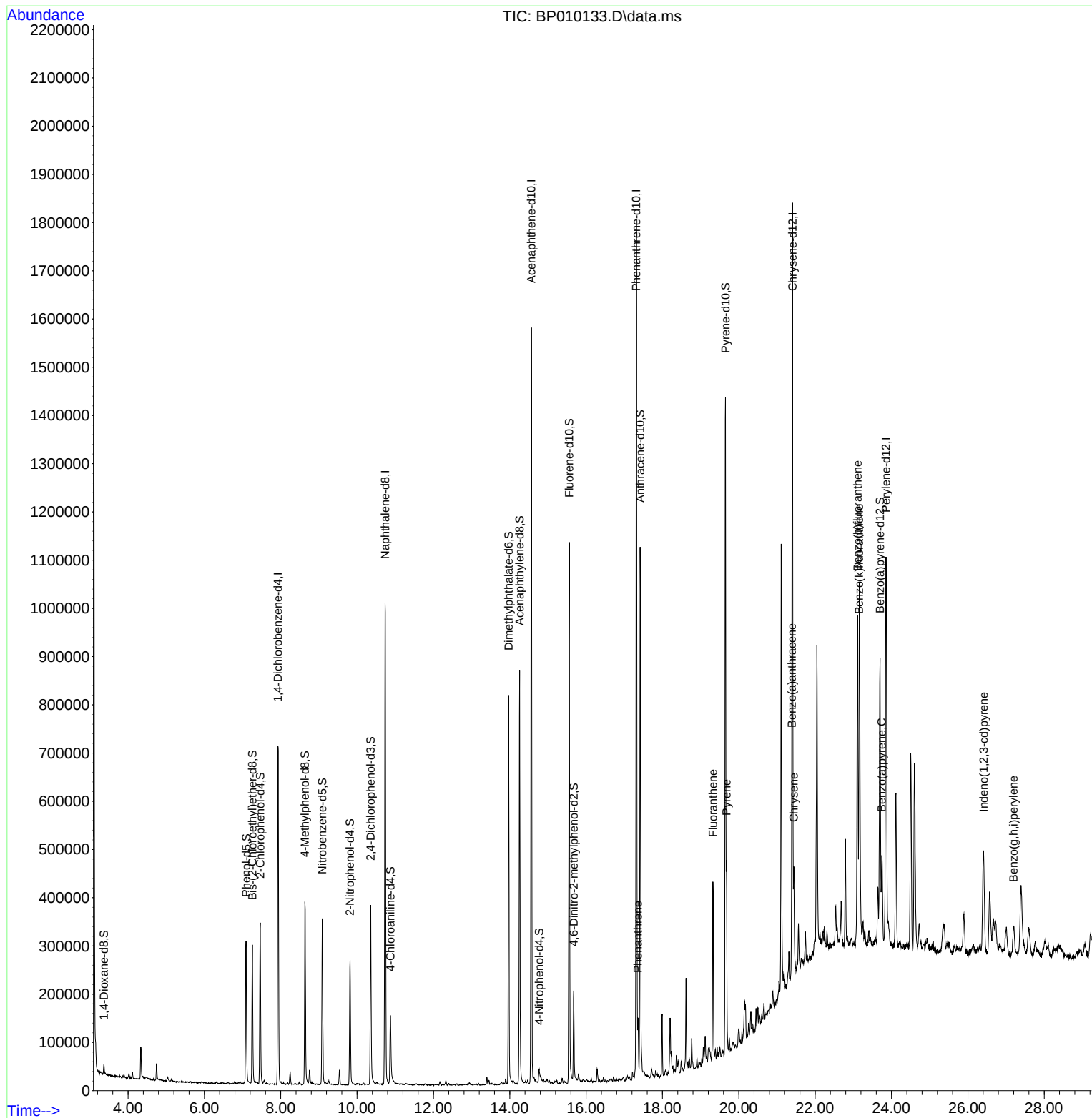
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042822\  
Data File : BP010133.D  
Acq On : 28 Apr 2022 10:35  
Operator : CG/JU  
Sample : N2469-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

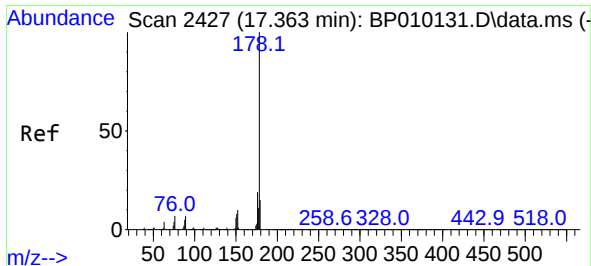
Instrument :  
BNA\_P  
ClientSampleId :  
BFFF8

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 04/29/2022  
Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 29 01:17:32 2022  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 21 14:49:38 2022  
Response via : Initial Calibration





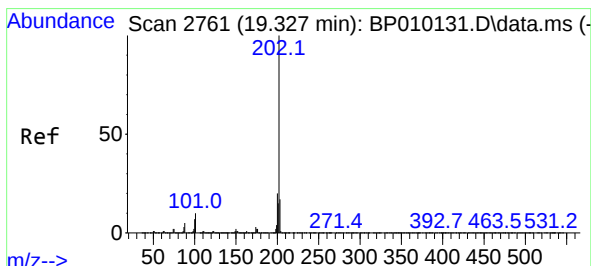
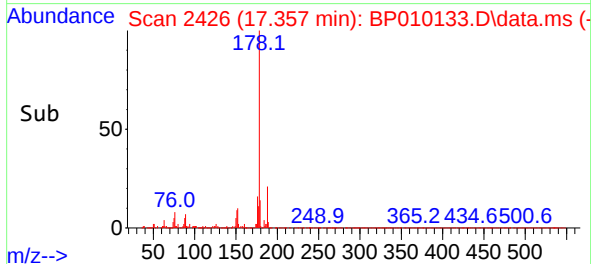
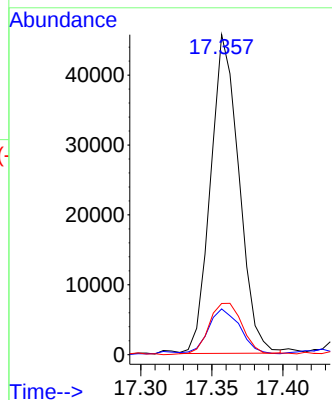
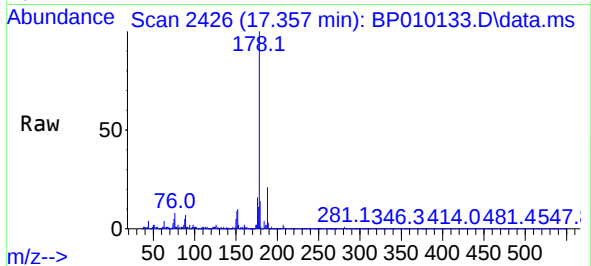
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Phenanthrene  
Concen: 1.098 ng/ul  
RT: 17.357 min Scan# 2427  
Delta R.T. -0.012 min  
Lab File: BP010133.D  
Acq: 28 Apr 2022 10:35

Instrument :  
BNA\_P  
ClientSampleId :  
BFFF8

Tgt Ion:178 Resp: 6356  
Ion Ratio Lower Upper  
178 100  
179 14.3 11.7 17.5  
176 16.0 14.5 21.7

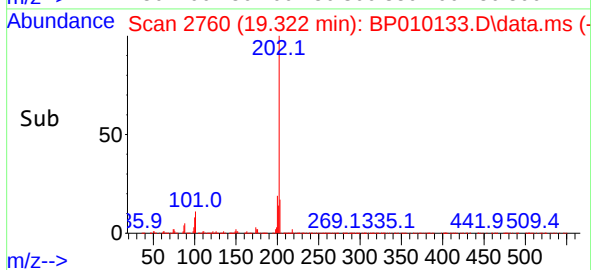
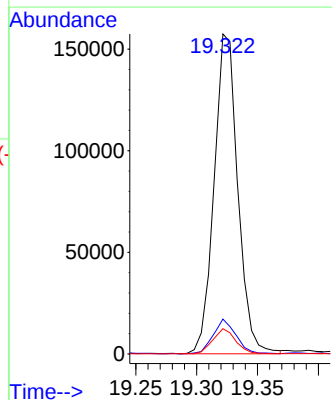
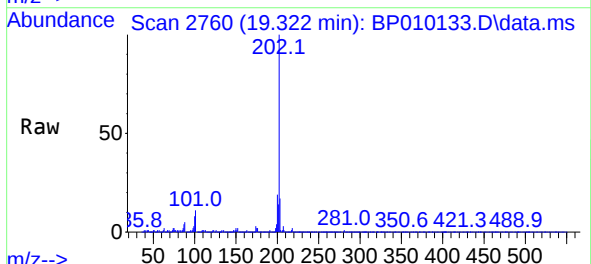
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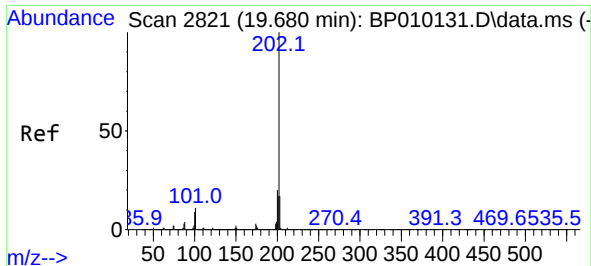
Reviewed By :Jagrut Upadhyay 04/29/2022  
Supervised By :Yogesh Patel 05/05/2022



#80  
Fluoranthene  
Concen: 4.182 ng/ul  
RT: 19.322 min Scan# 2760  
Delta R.T. -0.005 min  
Lab File: BP010133.D  
Acq: 28 Apr 2022 10:35

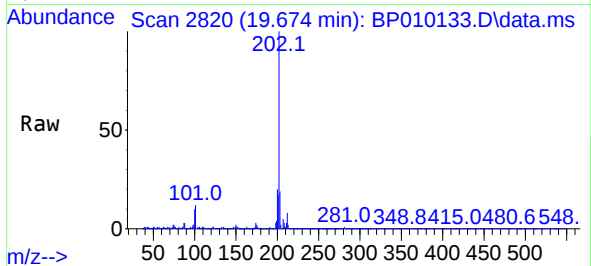
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Ion Ratio Lower Upper  
202 100  
101 10.9 9.6 14.4  
100 7.9 6.3 9.5





#82  
 Pyrene  
 Concen: 4.169 ng/ul  
 RT: 19.674 min Scan# 21914  
 Delta R.T. -0.006 min  
 Lab File: BP010133.D  
 Acq: 28 Apr 2022 10:35

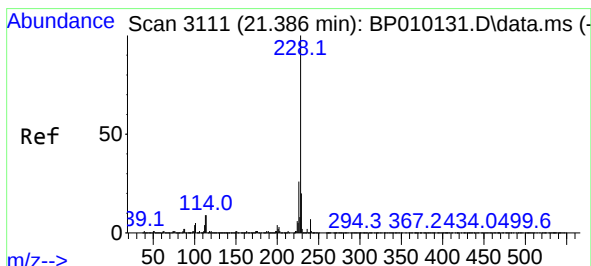
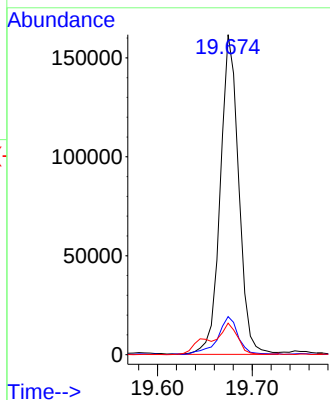
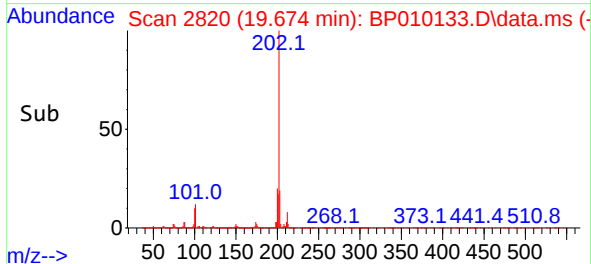
Instrument :  
 BNA\_P  
 ClientSampleId :  
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Tgt Ion:202 Resp: 21914  
 Ion Ratio Lower Upper  
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 101 11.9 10.6 15.8  
 100 9.9 9.8 14.6

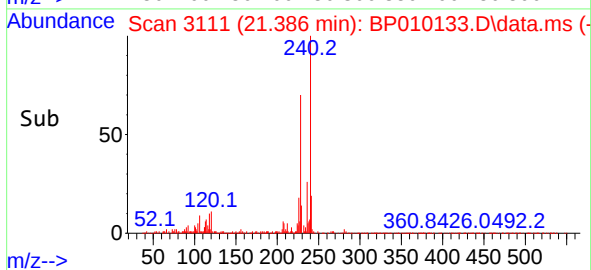
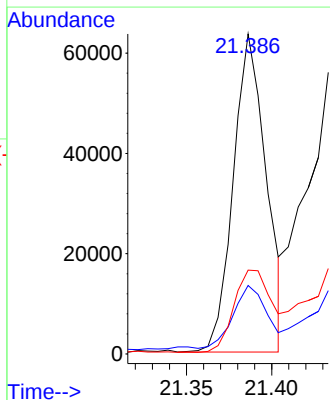
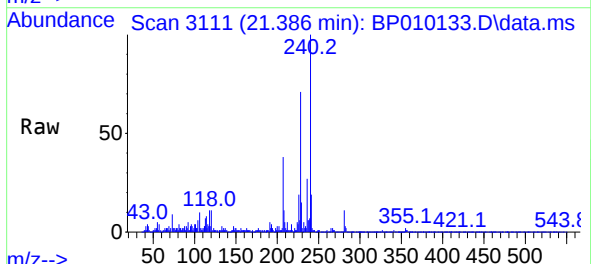
Manual Integrations  
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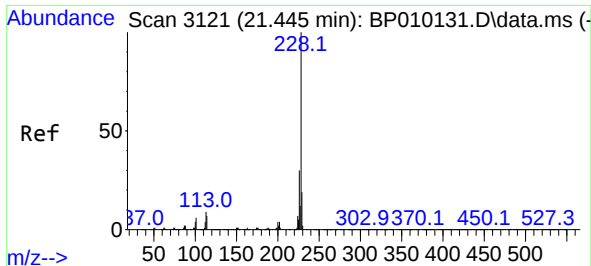
Reviewed By :Jagrut Upadhyay 04/29/2022  
 Supervised By :Yogesh Patel 05/05/2022



#85  
 Benzo(a)anthracene  
 Concen: 1.694 ng/ul  
 RT: 21.386 min Scan# 3111  
 Delta R.T. -0.006 min  
 Lab File: BP010133.D  
 Acq: 28 Apr 2022 10:35

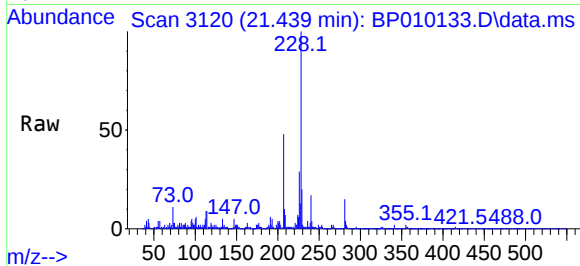
Tgt Ion:228 Resp: 85478  
 Ion Ratio Lower Upper  
 228 100  
 229 21.4 18.2 27.2  
 226 26.2 22.8 34.2





#87  
Chrysene  
Concen: 2.734 ng/ul  
RT: 21.439 min Scan# 3121  
Delta R.T. -0.006 min  
Lab File: BP010133.D  
Acq: 28 Apr 2022 10:35

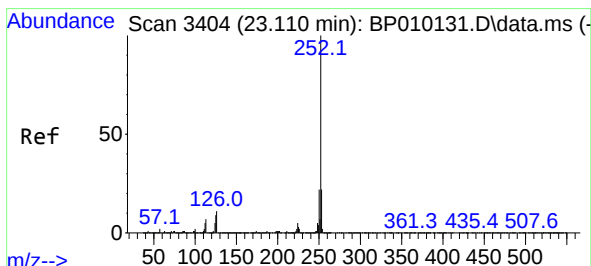
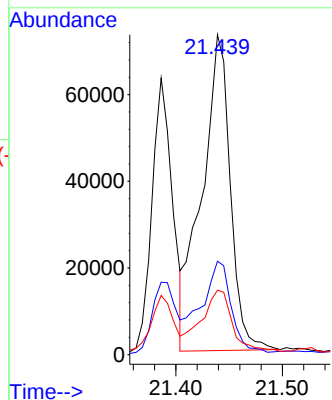
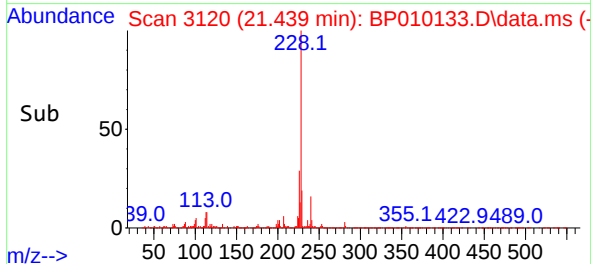
Instrument :  
BNA\_P  
ClientSampleId :  
BFFF8



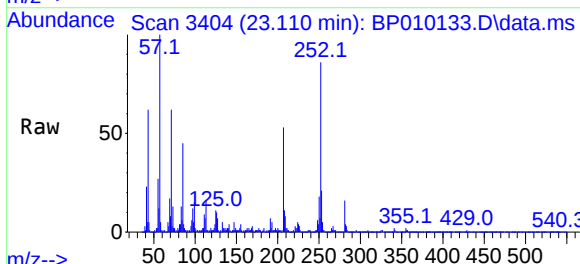
Tgt Ion:228 Resp: 135894  
Ion Ratio Lower Upper  
228 100  
226 29.2 22.7 34.1  
229 20.1 15.2 22.8

Manual Integrations  
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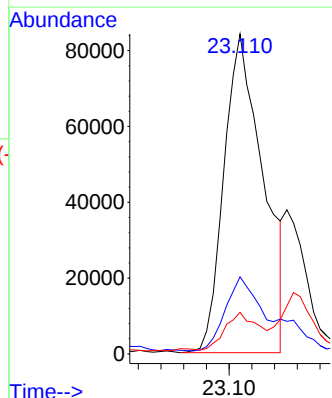
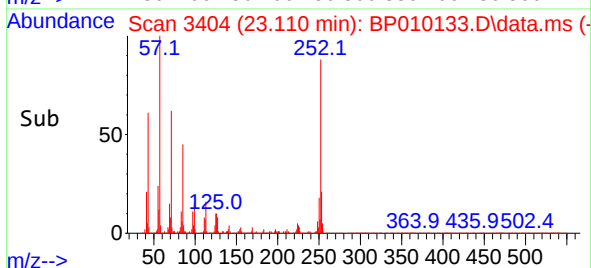
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Supervised By :Yogesh Patel 05/05/2022

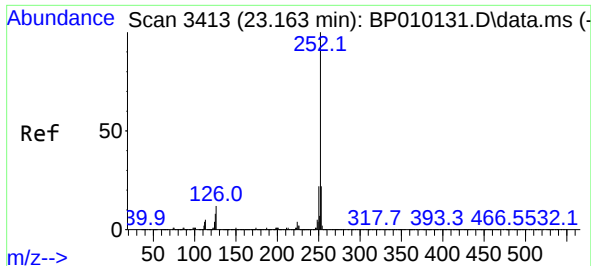


#90  
Benzo(b)fluoranthene  
Concen: 4.573 ng/ul  
RT: 23.110 min Scan# 3404  
Delta R.T. -0.000 min  
Lab File: BP010133.D  
Acq: 28 Apr 2022 10:35



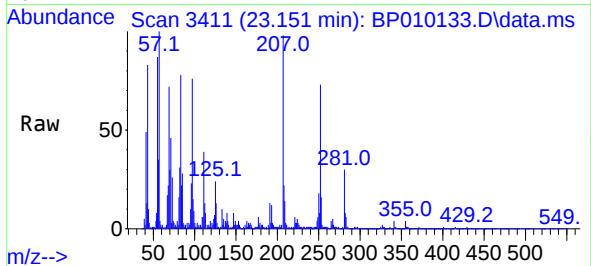
Tgt Ion:252 Resp: 201440  
Ion Ratio Lower Upper  
252 100  
253 24.1 17.4 26.0  
125 13.0 7.3 10.9#





#91  
Benzo(k)fluoranthene  
Concen: 1.267 ng/ul m  
RT: 23.151 min Scan# 3411  
Delta R.T. -0.006 min  
Lab File: BP010133.D  
Acq: 28 Apr 2022 10:35

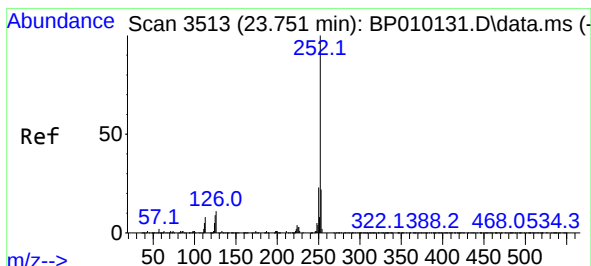
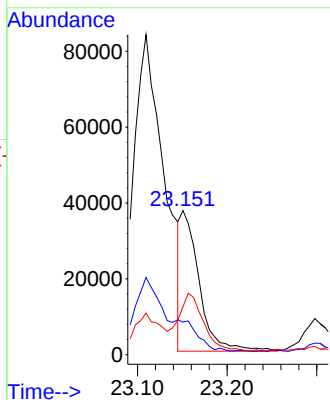
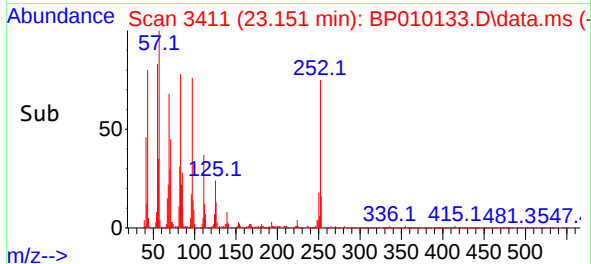
Instrument :  
BNA\_P  
ClientSampleId :  
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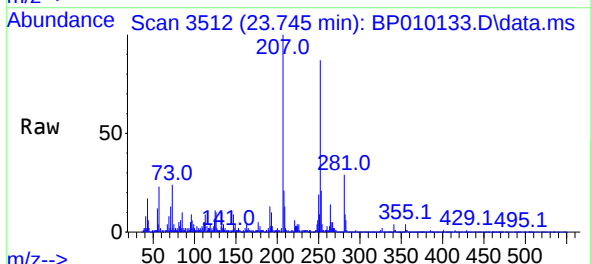
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Ion Ratio Lower Upper  
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253 22.6 17.9 26.9  
125 33.3 5.1 7.7

Manual Integrations  
APPROVED

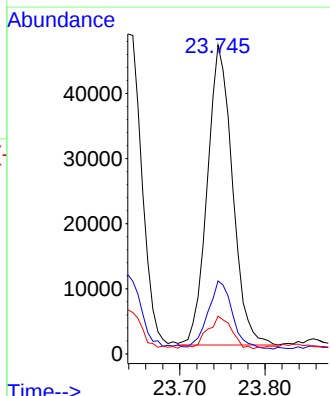
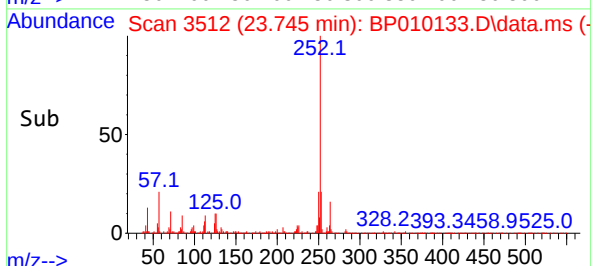
Reviewed By :Jagrut Upadhyay 04/29/2022  
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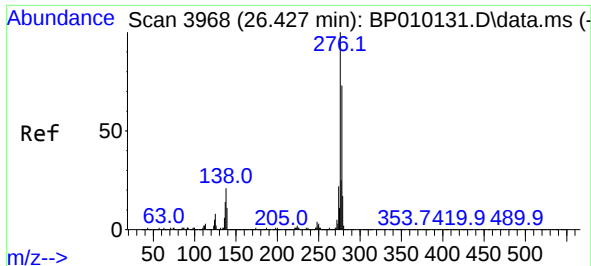


#93  
Benzo(a)pyrene  
Concen: 2.324 ng/ul  
RT: 23.745 min Scan# 3512  
Delta R.T. -0.006 min  
Lab File: BP010133.D  
Acq: 28 Apr 2022 10:35



Tgt Ion:252 Resp: 94647  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.5 26.3  
125 12.2 6.4 9.6





#94  
Indeno(1,2,3-cd)pyrene  
Concen: 1.970 ng/ul  
RT: 26.415 min Scan# 3966  
Delta R.T. -0.012 min  
Lab File: BP010133.D  
Acq: 28 Apr 2022 10:35

Instrument :

BNA\_P

ClientSampleId :

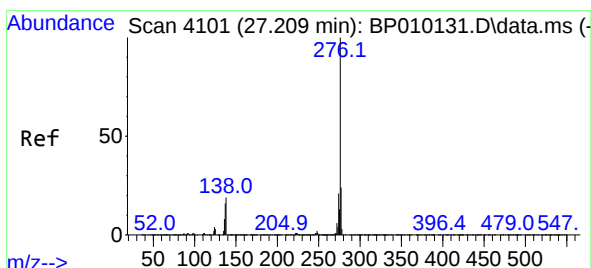
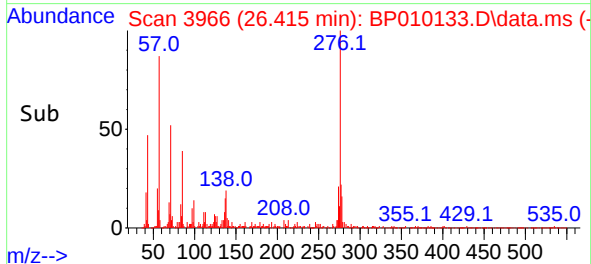
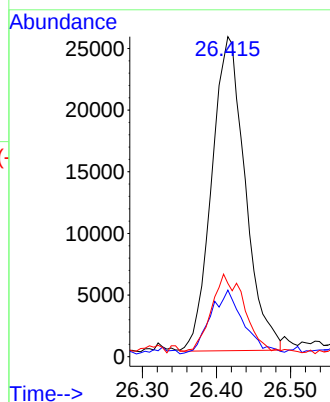
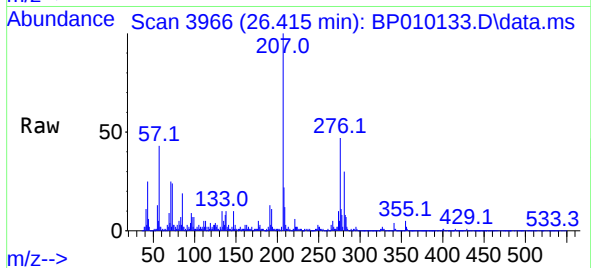
BFFF8

Tgt Ion:276 Resp: 79820  
Ion Ratio Lower Upper  
276 100  
138 20.8 12.3 18.5  
277 22.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022  
Supervised By :Yogesh Patel 05/05/2022



#96  
Benzo(g,h,i)perylene  
Concen: 2.164 ng/ul  
RT: 27.198 min Scan# 4099  
Delta R.T. -0.012 min  
Lab File: BP010133.D  
Acq: 28 Apr 2022 10:35

Tgt Ion:276 Resp: 74004  
Ion Ratio Lower Upper  
276 100  
138 18.0 11.6 17.4  
277 21.3 15.9 23.9

