

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060823\  
 Data File : BP015440.D  
 Acq On : 08 Jun 2023 18:18  
 Operator : MA/JU  
 Sample : 02960-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0FN6

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :Sohil Jodhani 06/09/2023

Quant Time: Jun 09 01:50:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 07 23:46:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.099  | 152  | 111100   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.922 | 136  | 516862   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.740 | 164  | 364531   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 869899   | 20.000 | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.574 | 240  | 908211   | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 24.127 | 264  | 988383   | 20.000 | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.411  | 96   | 5295m    | 1.765  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.252  | 99   | 88505    | 8.647  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.416  | 67   | 59574    | 9.746  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.622  | 132  | 71782    | 9.673  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.810  | 113  | 56707    | 6.751  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.275  | 128  | 34917    | 8.605  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.005 | 143  | 41252    | 8.902  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.552 | 165  | 70942    | 8.392  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.075 | 131  | 71260    | 5.873  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.145 | 166  | 299970   | 10.435 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.434 | 160  | 312624   | 9.946  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.969 | 143  | 18824m   | 3.657  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.734 | 176  | 261963   | 10.807 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.863 | 200  | 28945m   | 5.252  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.592 | 188  | 405746   | 10.251 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.816 | 212  | 567442   | 11.674 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.957 | 264  | 548291   | 11.056 | ng/u1  | -0.02    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.281  | 94   | 14436m   | 1.367  | ng/u1  |          |
| 16) Acetophenone              | 8.934  | 105  | 105091   | 7.839  | ng/u1  | 96       |
| 80) Fluoranthene              | 19.492 | 202  | 128759   | 2.175  | ng/u1  | 100      |
| 82) Pyrene                    | 19.845 | 202  | 124350   | 2.030  | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.557 | 228  | 65175    | 1.027  | ng/u1  | 98       |
| 87) Chrysene                  | 21.616 | 228  | 85532    | 1.425  | ng/u1  | 98       |
| 90) Benzo(b)fluoranthene      | 23.339 | 252  | 110221m  | 1.728  | ng/u1  |          |
| 93) Benzo(a)pyrene            | 24.010 | 252  | 67832    | 1.219  | ng/u1# | 95       |
| -----                         |        |      |          |        |        |          |

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

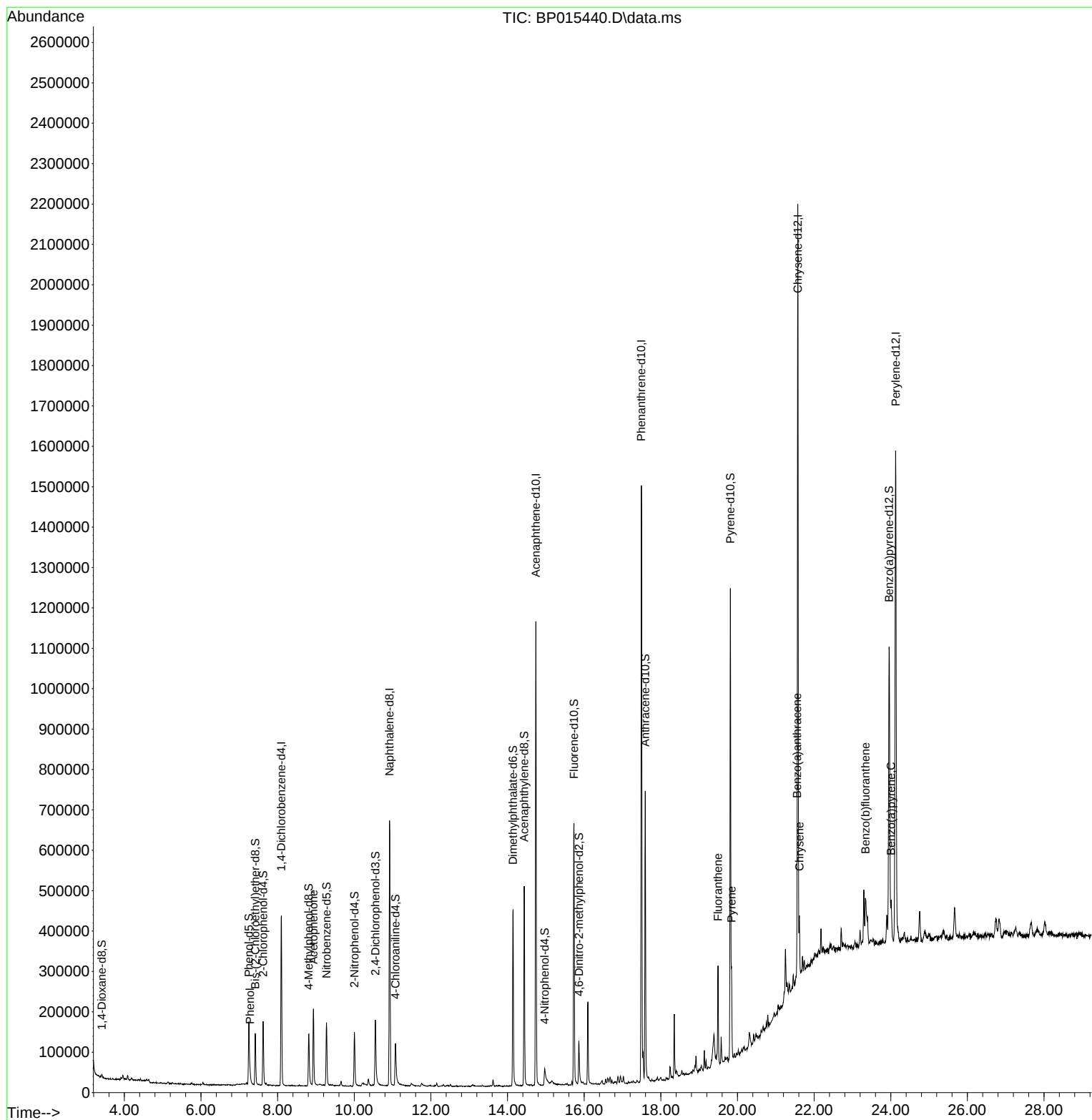
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060823\  
Data File : BP015440.D  
Acq On : 08 Jun 2023 18:18  
Operator : MA/JU  
Sample : 02960-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

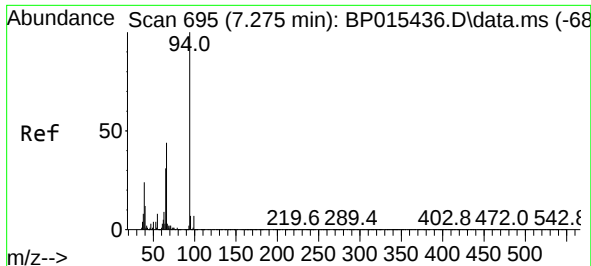
Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Time: Jun 09 01:50:09 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jun 07 23:46:15 2023  
Response via : Initial Calibration

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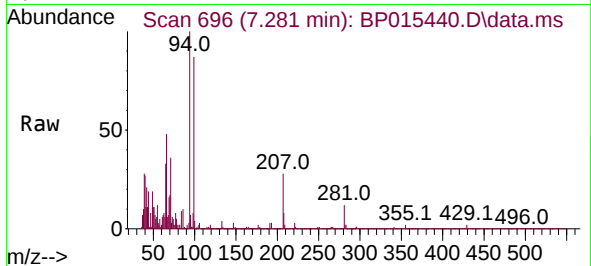
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :Sohil Jodhani 06/09/2023





#8  
Phenol  
Concen: 1.367 ng/ul m  
RT: 7.281 min Scan# 695  
Delta R.T. -0.000 min  
Lab File: BP015440.D  
Acq: 08 Jun 2023 18:18

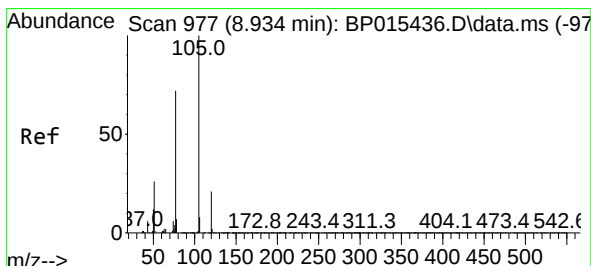
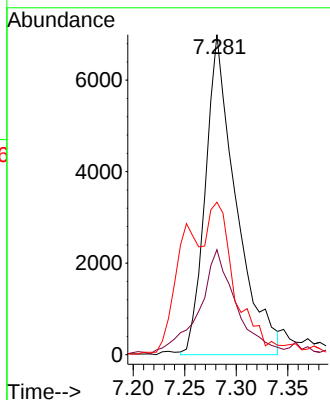
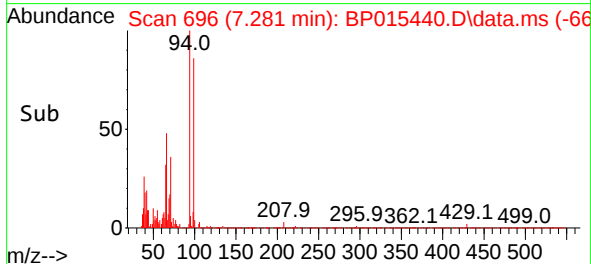
Instrument :  
BNA\_P  
ClientSampleId :  
H0FN6



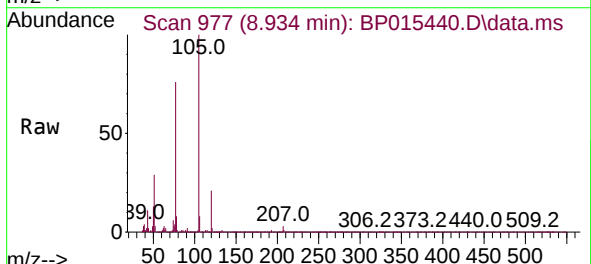
Tgt Ion: 94 Resp: 14436  
Ion Ratio Lower Upper  
94 100  
65 32.8 23.5 35.3  
66 47.6 34.2 51.4

Manual Integrations  
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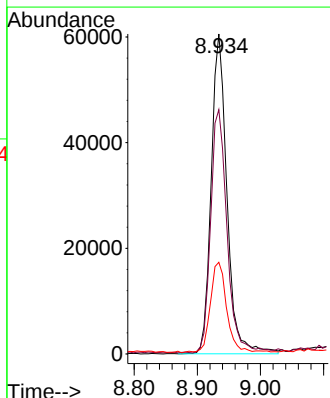
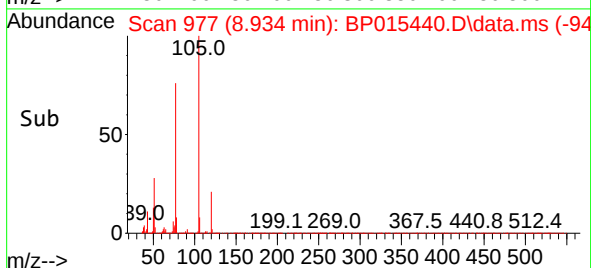
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :Sohil Jodhani 06/09/2023

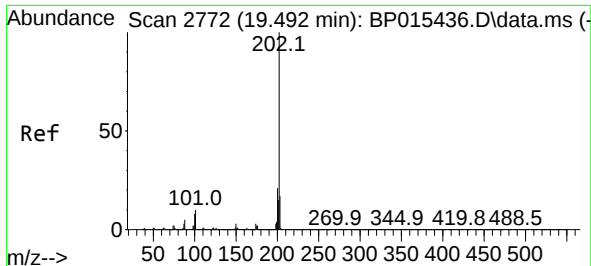


#16  
Acetophenone  
Concen: 7.839 ng/ul  
RT: 8.934 min Scan# 977  
Delta R.T. -0.000 min  
Lab File: BP015440.D  
Acq: 08 Jun 2023 18:18



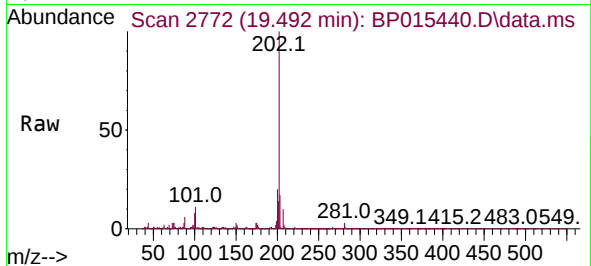
Tgt Ion:105 Resp: 105091  
Ion Ratio Lower Upper  
105 100  
77 76.3 64.9 97.3  
51 28.7 23.5 35.3





#80  
Fluoranthene  
Concen: 2.175 ng/u1  
RT: 19.492 min Scan# 2772  
Delta R.T. -0.006 min  
Lab File: BP015440.D  
Acq: 08 Jun 2023 18:18

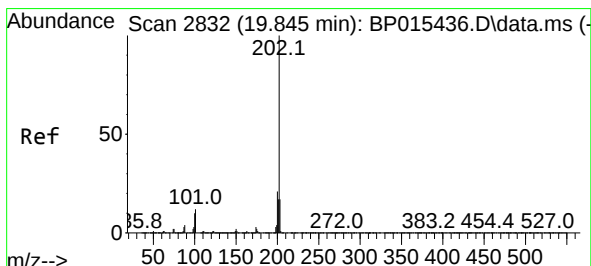
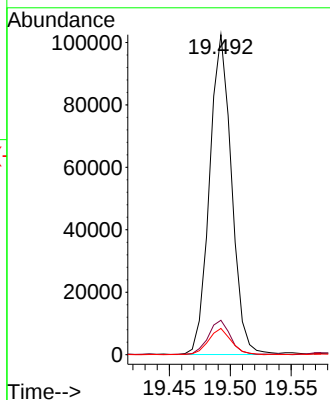
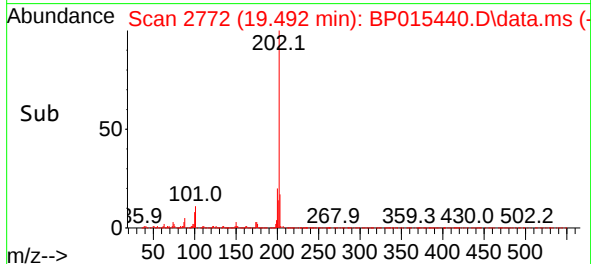
Instrument :  
BNA\_P  
ClientSampleId :  
H0FN6



Tgt Ion:202 Resp: 128759  
Ion Ratio Lower Upper  
202 100  
101 10.7 8.6 13.0  
100 8.2 6.6 9.8

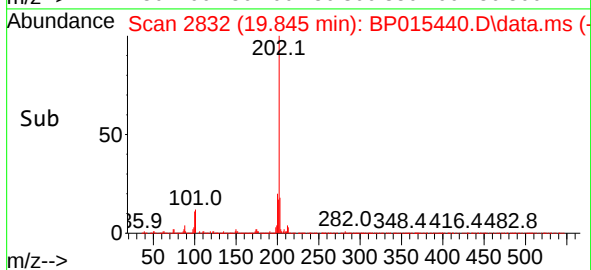
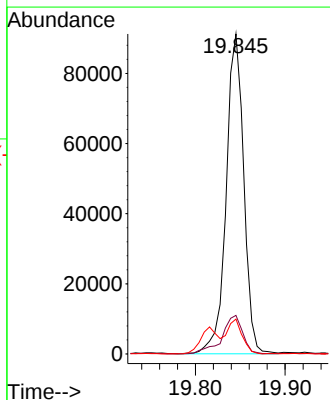
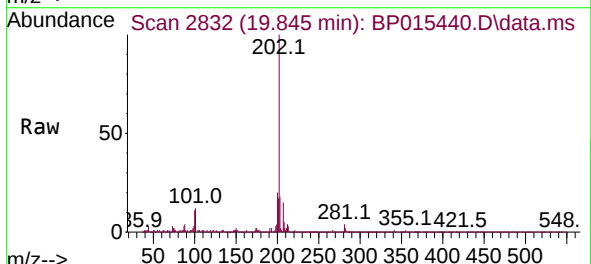
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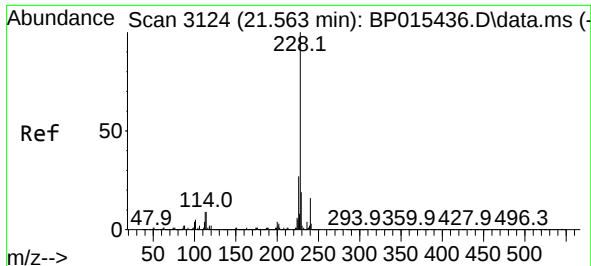
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :Sohil Jodhani 06/09/2023



#82  
Pyrene  
Concen: 2.030 ng/u1  
RT: 19.845 min Scan# 2832  
Delta R.T. -0.006 min  
Lab File: BP015440.D  
Acq: 08 Jun 2023 18:18

Tgt Ion:202 Resp: 124350  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.9 14.9  
100 10.9 8.4 12.6





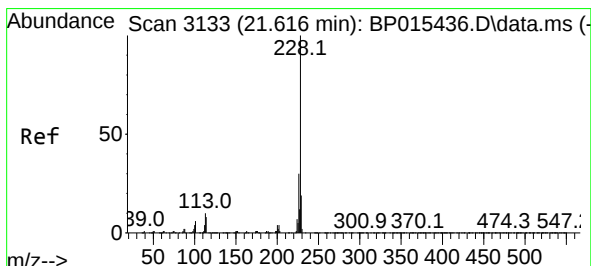
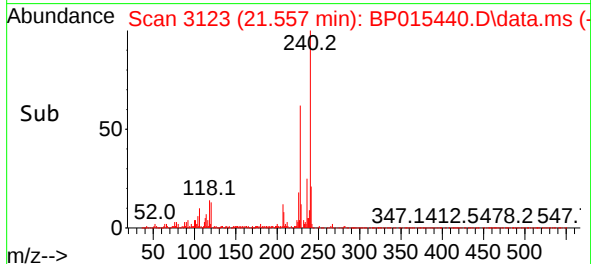
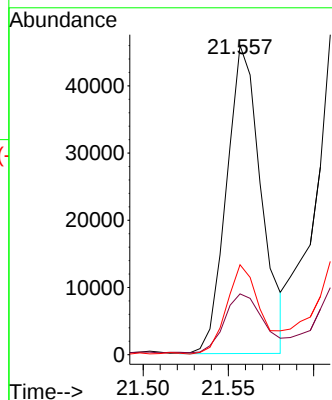
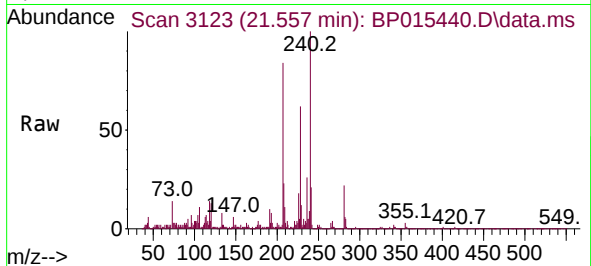
#85  
Benzo(a)anthracene  
Concen: 1.027 ng/ul  
RT: 21.557 min Scan# 3124  
Delta R.T. -0.012 min  
Lab File: BP015440.D  
Acq: 08 Jun 2023 18:18

Instrument :  
BNA\_P  
ClientSampleId :  
H0FN6

Tgt Ion:228 Resp: 6517  
Ion Ratio Lower Upper  
228 100  
229 19.7 15.8 23.6  
226 29.1 21.8 32.6

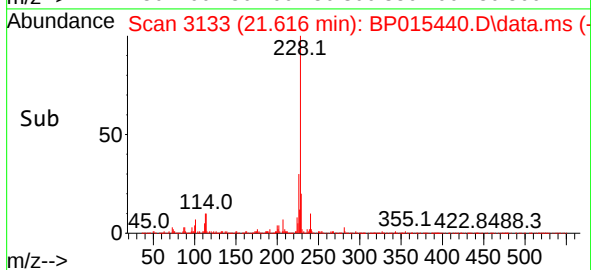
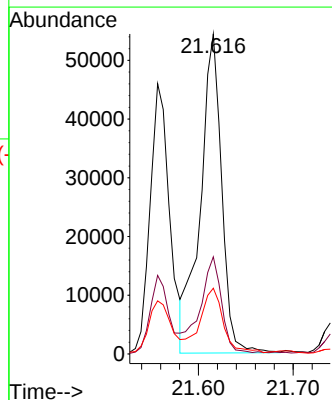
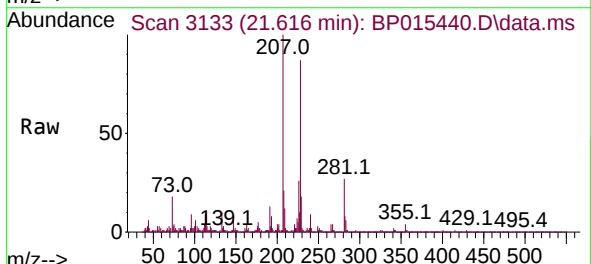
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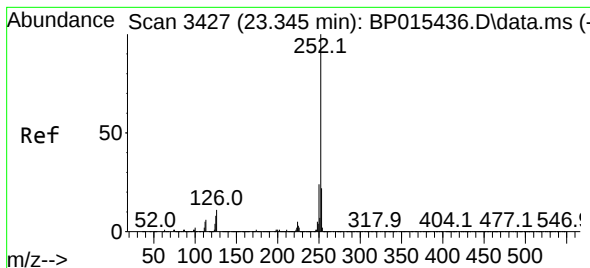
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :Sohil Jodhani 06/09/2023



#87  
Chrysene  
Concen: 1.425 ng/ul  
RT: 21.616 min Scan# 3133  
Delta R.T. -0.006 min  
Lab File: BP015440.D  
Acq: 08 Jun 2023 18:18

Tgt Ion:228 Resp: 85532  
Ion Ratio Lower Upper  
228 100  
226 30.4 23.9 35.9  
229 20.6 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 1.728 ng/ul m

RT: 23.339 min Scan# 3427

Delta R.T. -0.012 min

Lab File: BP015440.D

Acq: 08 Jun 2023 18:18

Instrument :

BNA\_P

ClientSampleId :

H0FN6

Tgt Ion:252 Resp: 11022

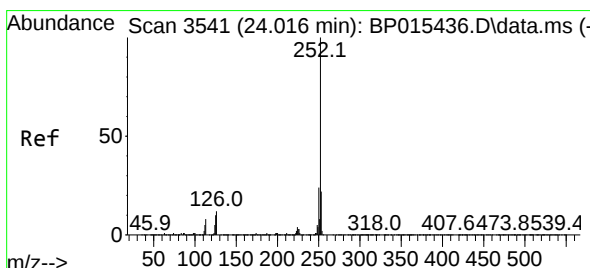
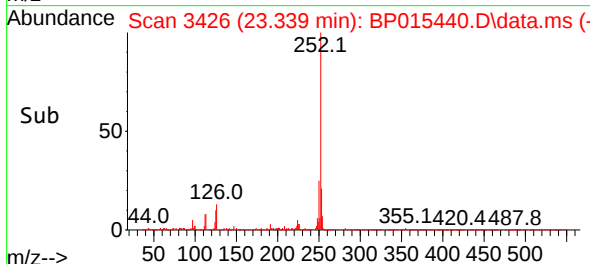
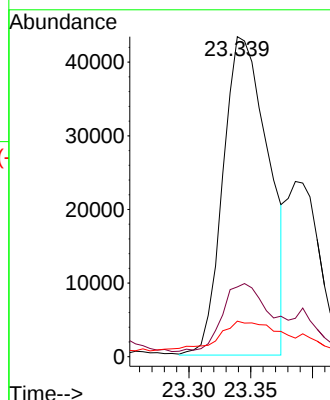
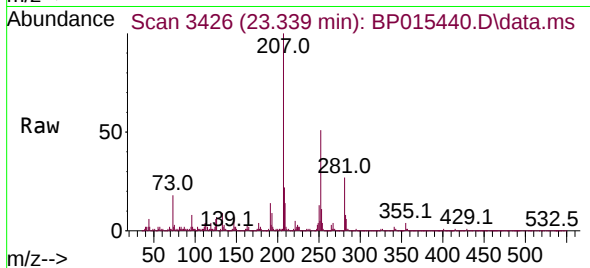
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.4  | 26.2  |
| 125 | 11.1  | 7.3   | 10.9  |

Manual Integrations

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Supervised By :Sohil Jodhani 06/09/2023



#93

Benzo(a)pyrene

Concen: 1.219 ng/ul

RT: 24.010 min Scan# 3540

Delta R.T. -0.018 min

Lab File: BP015440.D

Acq: 08 Jun 2023 18:18

Tgt Ion:252 Resp: 67832

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.2  | 17.8  | 26.6  |
| 125 | 13.8  | 8.1   | 12.1  |

