

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111324\  
 Data File : BP023086.D  
 Acq On : 13 Nov 2024 18:13  
 Operator : RC/JU  
 Sample : P4724-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BH9C2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024  
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 14 01:59:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 13 04:49:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.581  | 152  | 86236    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.334 | 136  | 319965   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.187 | 164  | 241280   | 20.000 | ng/u1  | -0.02    |
| 64) Phenanthrene-d10          | 16.998 | 188  | 593437   | 20.000 | ng/u1  | #-0.02   |
| 79) Chrysene-d12              | 21.433 | 240  | 678905   | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 24.645 | 264  | 809211   | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.146  | 96   | 2258     | 1.259  | ng/uL  | 0.01     |
| 4) Pyridine-d5                | 3.575  | 84   | 11115m   | 2.085  | ng/u1  | 0.03     |
| 7) Phenol-d5                  | 6.799  | 99   | 41196    | 6.461  | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.934  | 67   | 27922    | 7.454  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.134  | 132  | 34395    | 7.366  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.310  | 113  | 22851    | 4.355  | ng/u1  | 0.02     |
| 21) Nitrobenzene-d5           | 8.734  | 128  | 16644    | 7.472  | ng/u1  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.446  | 143  | 19365    | 7.292  | ng/u1  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.004 | 165  | 39516    | 7.106  | ng/u1  | 0.04     |
| 31) 4-Chloroaniline-d4        | 10.510 | 131  | 14758    | 2.224  | ng/u1  | 0.03     |
| 46) Dimethylphthalate-d6      | 13.616 | 166  | 143820   | 8.270  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.875 | 160  | 142767   | 7.868  | ng/u1  | -0.02    |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 14112m   | 5.400  | ng/u1  | 0.07     |
| 60) Fluorene-d10              | 15.198 | 176  | 130532   | 8.561  | ng/u1  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.369 | 200  | 14960    | 4.208  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.098 | 188  | 213207   | 8.485  | ng/u1  | -0.02    |
| 81) Pyrene-d10                | 19.492 | 212  | 236252   | 7.555  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.427 | 264  | 198984   | 5.162  | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.405  | 105  | 43699    | 4.957  | ng/u1  | 99       |
| 72) Phenanthrene              | 17.039 | 178  | 63345    | 2.261  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.145 | 202  | 154101   | 4.278  | ng/u1  | 99       |
| 82) Pyrene                    | 19.522 | 202  | 90896    | 2.349  | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.416 | 228  | 60598    | 1.462  | ng/u1  | 97       |
| 87) Chrysene                  | 21.480 | 228  | 78935    | 2.024  | ng/u1  | 98       |
| 90) Benzo(b)fluoranthene      | 23.633 | 252  | 118250   | 2.625  | ng/u1  | 99       |

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

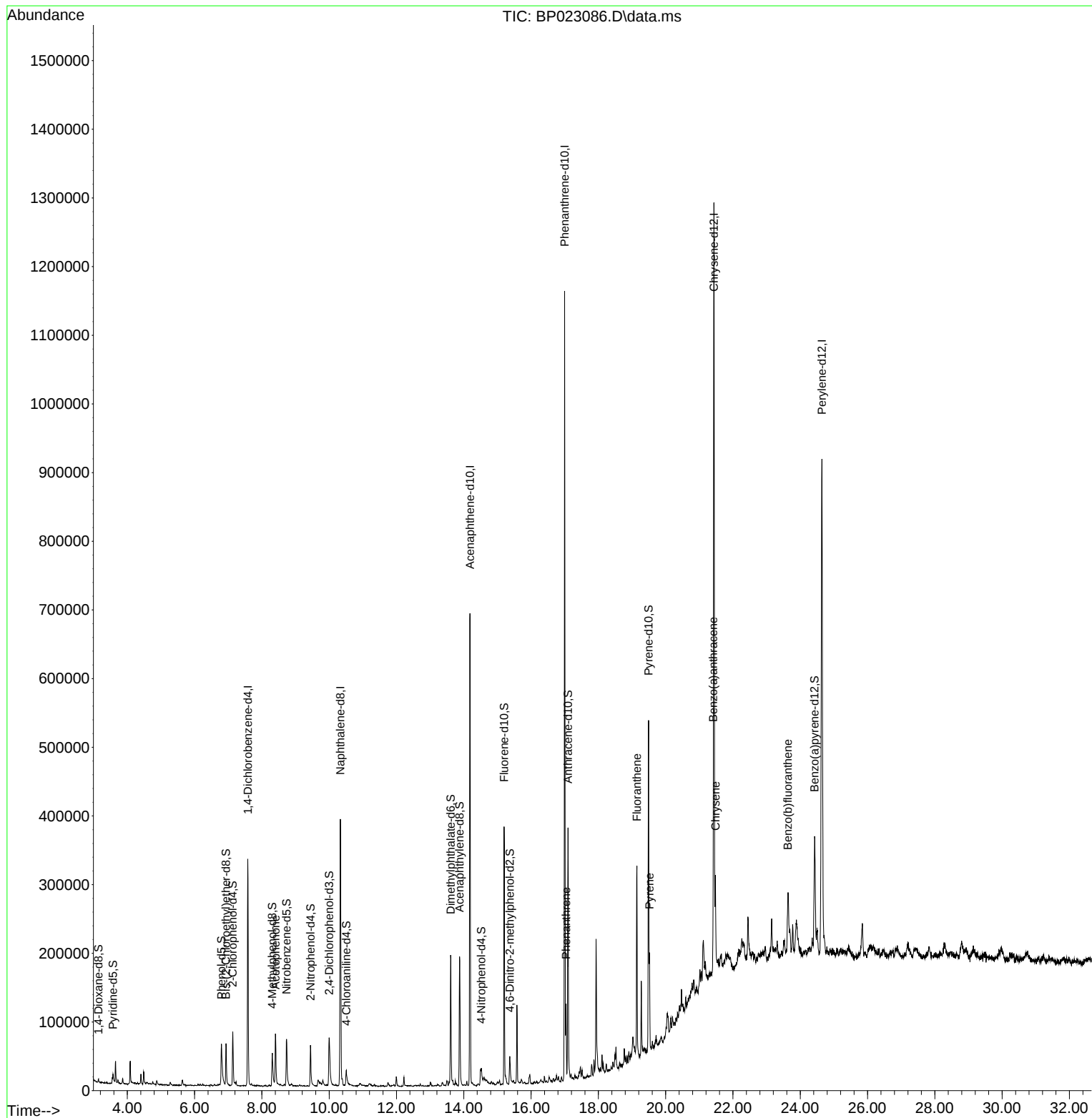
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111324\  
Data File : BP023086.D  
Acq On : 13 Nov 2024 18:13  
Operator : RC/JU  
Sample : P4724-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

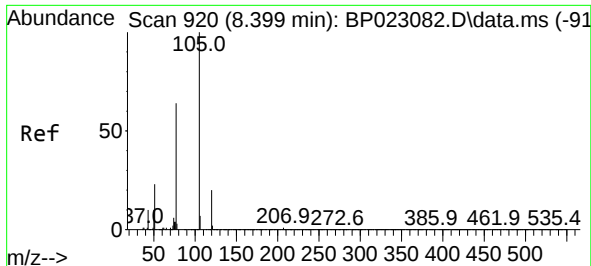
Instrument :  
BNA\_P  
ClientSampleId :  
BH9C2

Quant Time: Nov 14 01:59:20 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 13 04:49:01 2024  
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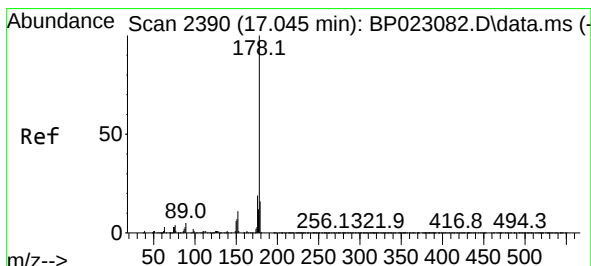
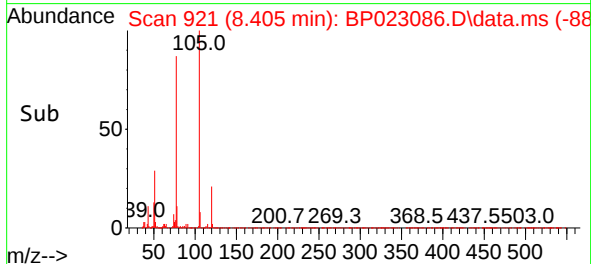
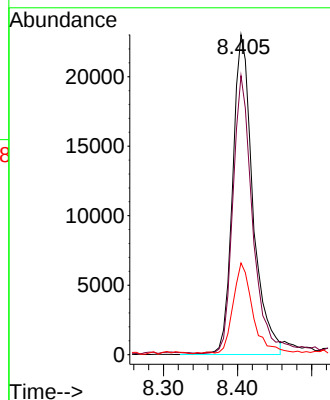
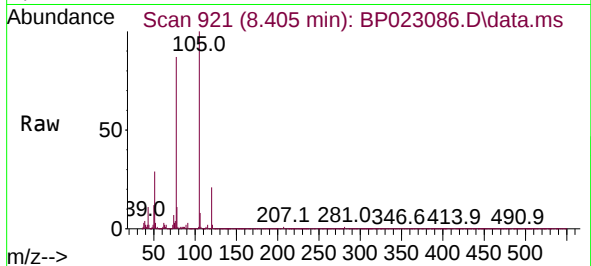
#16  
Acetophenone  
Concen: 4.957 ng/ul  
RT: 8.405 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: BP023086.D  
Acq: 13 Nov 2024 18:13

Instrument :  
BNA\_P  
ClientSampleId :  
BH9C2

Tgt Ion:105 Resp: 43699  
Ion Ratio Lower Upper  
105 100  
77 87.2 69.4 104.0  
51 28.7 23.2 34.8

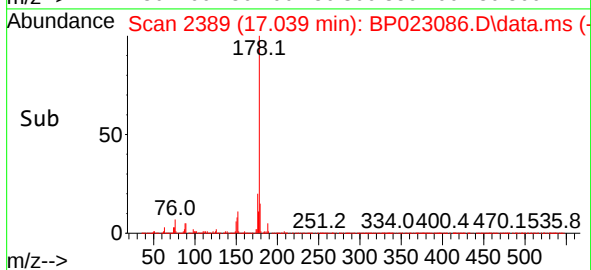
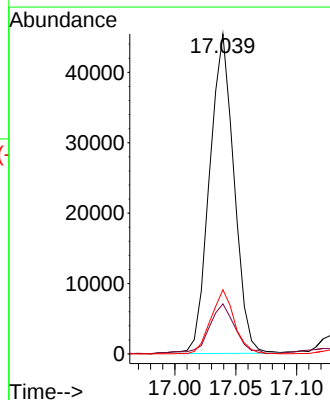
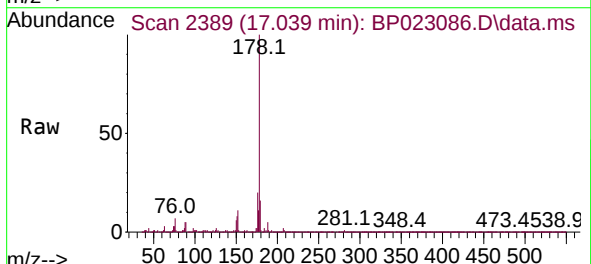
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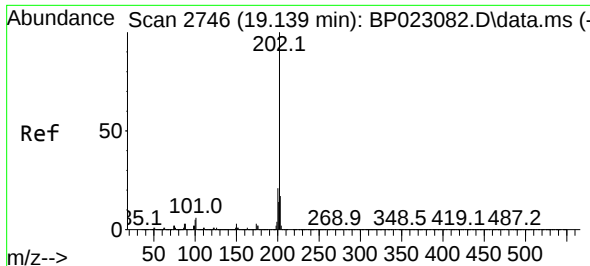
Reviewed By :Yogesh Patel 11/15/2024  
Supervised By :mohammad ahmed 11/18/2024



#72  
Phenanthrene  
Concen: 2.261 ng/ul  
RT: 17.039 min Scan# 2389  
Delta R.T. -0.018 min  
Lab File: BP023086.D  
Acq: 13 Nov 2024 18:13

Tgt Ion:178 Resp: 63345  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.7 19.1  
176 20.1 15.4 23.2





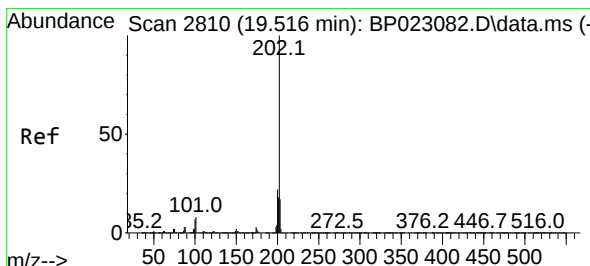
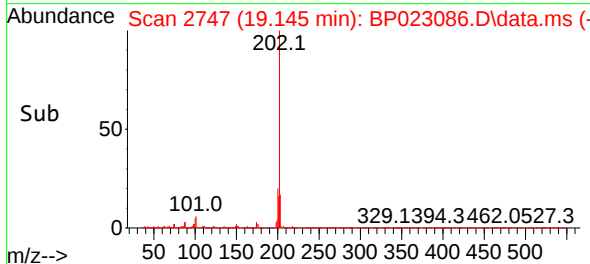
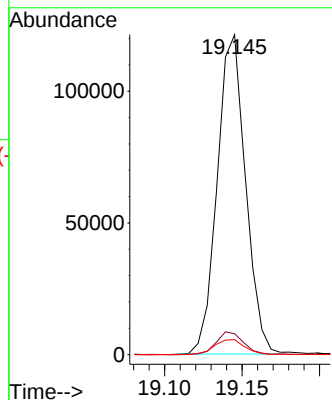
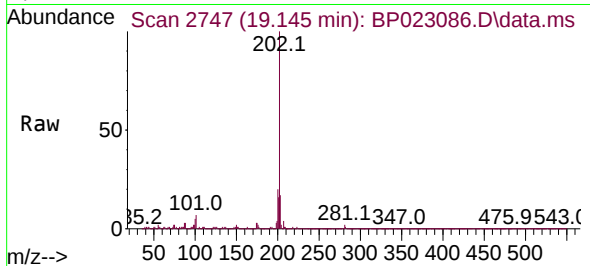
#80  
Fluoranthene  
Concen: 4.278 ng/ul  
RT: 19.145 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP023086.D  
Acq: 13 Nov 2024 18:13

Instrument :  
BNA\_P  
ClientSampleId :  
BH9C2

Tgt Ion:202 Resp: 15410  
Ion Ratio Lower Upper  
202 100  
101 6.5 5.2 7.8  
100 4.7 4.1 6.1

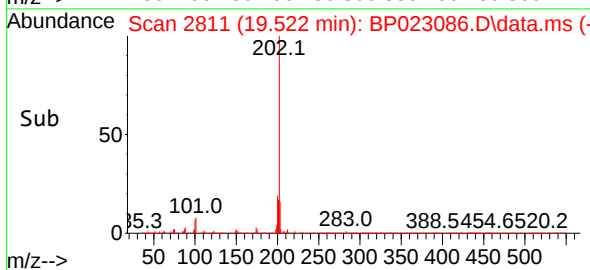
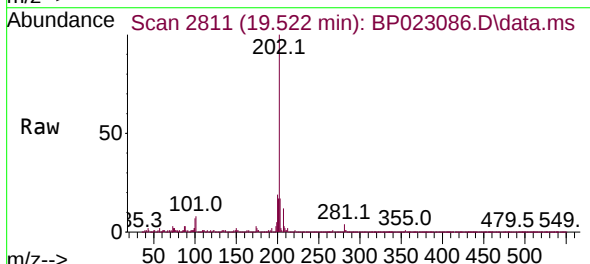
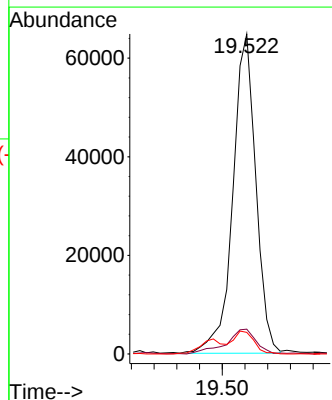
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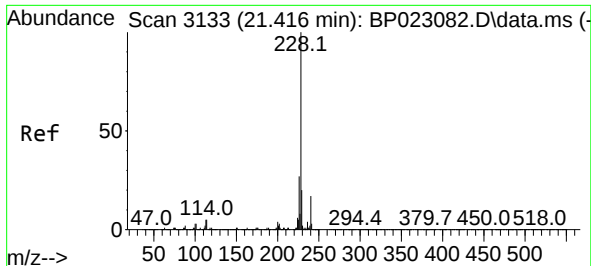
Reviewed By :Yogesh Patel 11/15/2024  
Supervised By :mohammad ahmed 11/18/2024



#82  
Pyrene  
Concen: 2.349 ng/ul  
RT: 19.522 min Scan# 2811  
Delta R.T. -0.006 min  
Lab File: BP023086.D  
Acq: 13 Nov 2024 18:13

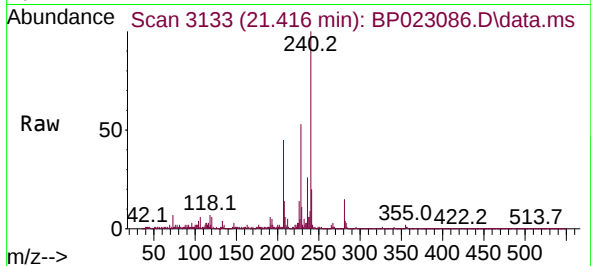
Tgt Ion:202 Resp: 90896  
Ion Ratio Lower Upper  
202 100  
101 7.7 6.2 9.2  
100 6.7 4.9 7.3





#85  
Benzo(a)anthracene  
Concen: 1.462 ng/ul  
RT: 21.416 min Scan# 3133  
Delta R.T. -0.006 min  
Lab File: BP023086.D  
Acq: 13 Nov 2024 18:13

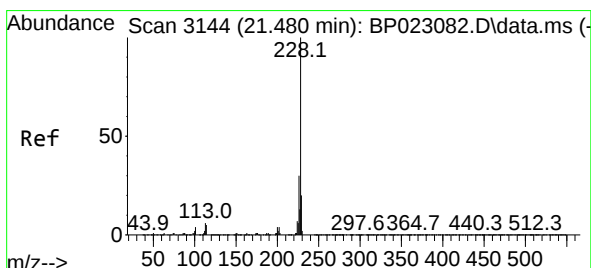
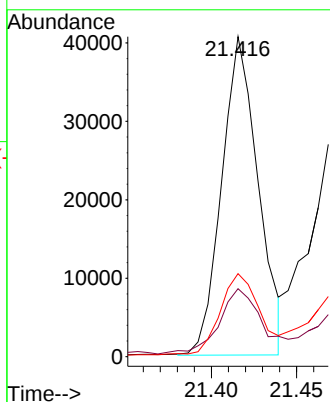
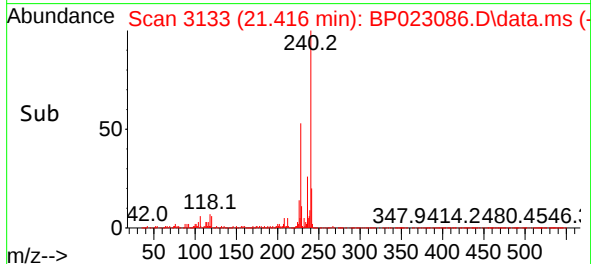
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BNA\_P  
ClientSampleId :  
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Tgt Ion:228 Resp: 60598  
Ion Ratio Lower Upper  
228 100  
229 21.2 15.5 23.3  
226 26.0 21.9 32.9

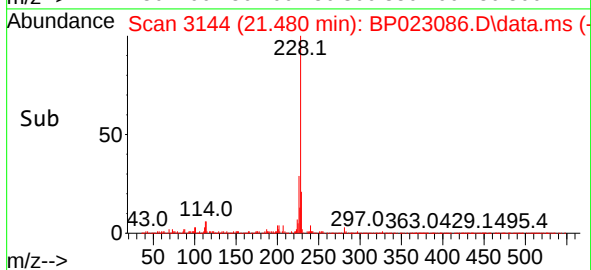
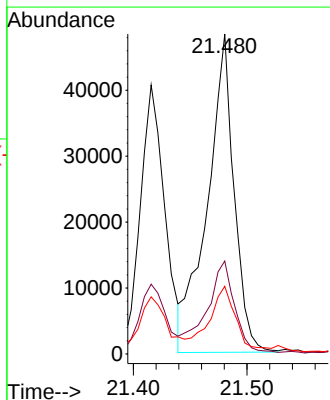
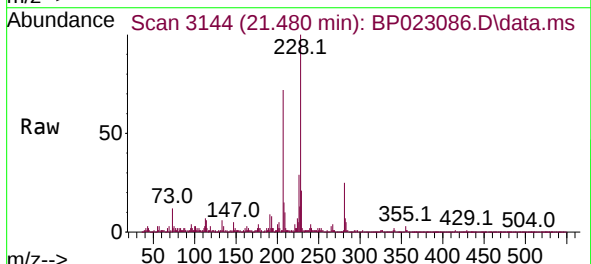
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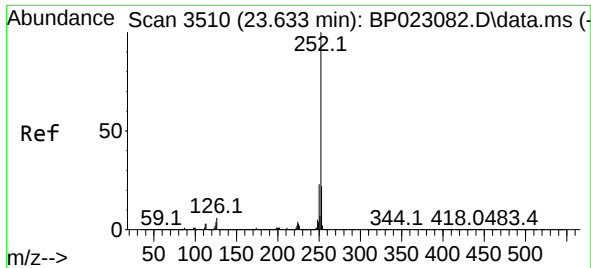
Reviewed By :Yogesh Patel 11/15/2024  
Supervised By :mohammad ahmed 11/18/2024



#87  
Chrysene  
Concen: 2.024 ng/ul  
RT: 21.480 min Scan# 3144  
Delta R.T. -0.006 min  
Lab File: BP023086.D  
Acq: 13 Nov 2024 18:13

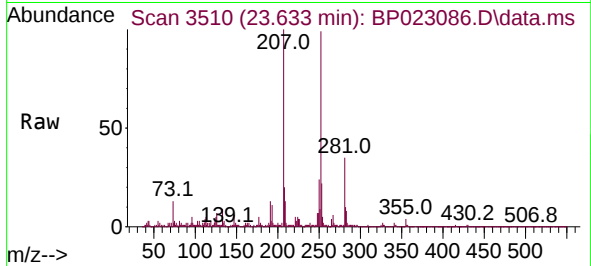
Tgt Ion:228 Resp: 78935  
Ion Ratio Lower Upper  
228 100  
226 29.1 24.2 36.2  
229 21.1 16.1 24.1





#90  
Benzo(b)fluoranthene  
Concen: 2.625 ng/ul  
RT: 23.633 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP023086.D  
Acq: 13 Nov 2024 18:13

Instrument :  
BNA\_P  
ClientSampleId :  
BH9C2



Tgt Ion:252 Resp: 118250  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 4.8 3.7 5.5

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