

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061424\  
 Data File : BN032009.D  
 Acq On : 14 Jun 2024 20:27  
 Operator : MA/JU  
 Sample : P2696-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BN4

Quant Time: Jun 14 22:44:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 11 22:28:10 2024  
 Response via : Initial Calibration

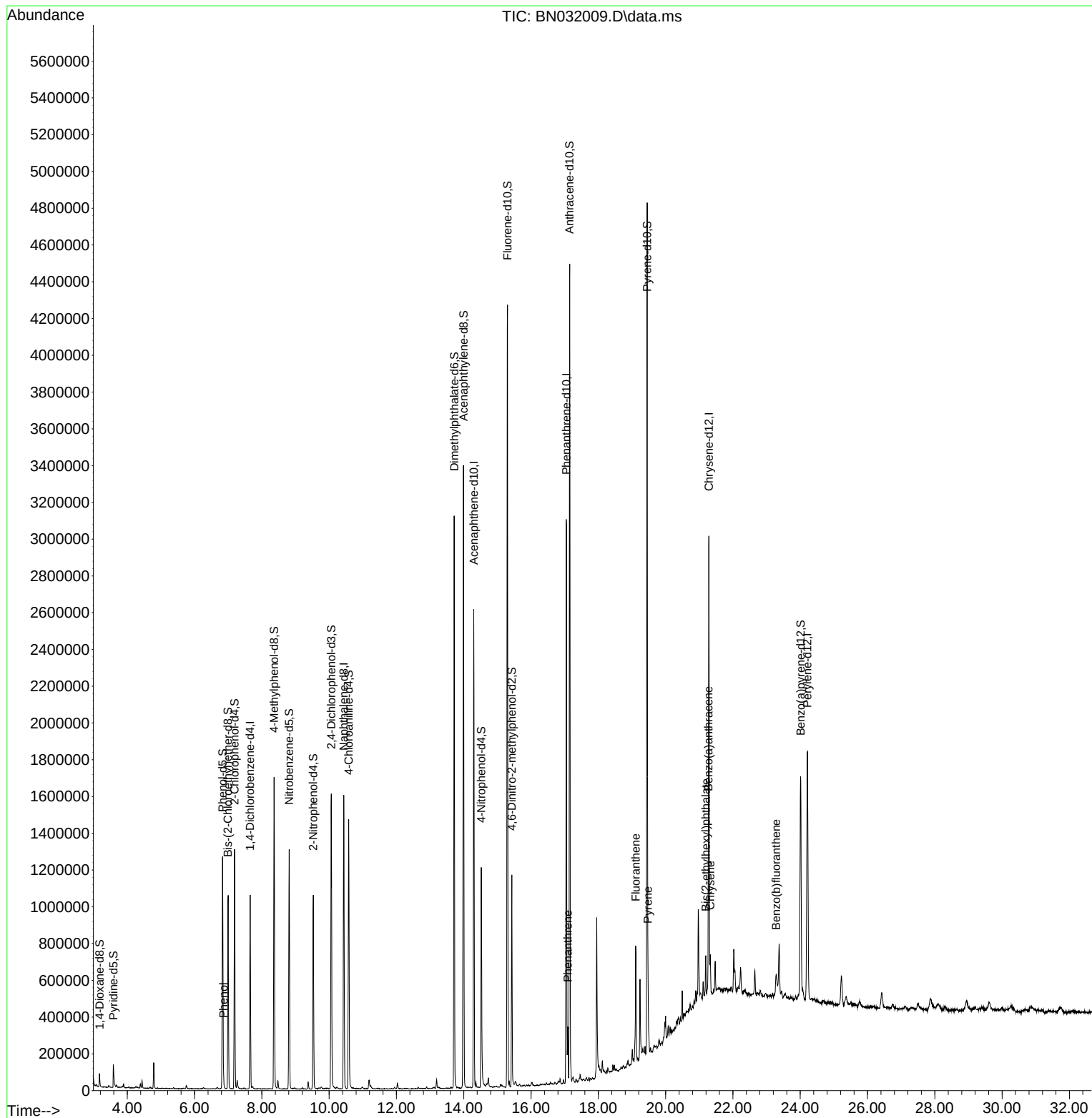
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.652  | 152  | 294138   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.434 | 136  | 1353536  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.298 | 164  | 913714   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.045 | 188  | 1845275  | 20.000 | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.286 | 240  | 1267756  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.210 | 264  | 1188203  | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.176  | 96   | 39327    | 5.531  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.587  | 84   | 75140    | 3.754  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.834  | 99   | 784496   | 31.111 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.993  | 67   | 452122   | 30.654 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.187  | 132  | 633699   | 32.936 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.363  | 113  | 669873   | 32.590 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.811  | 128  | 338560   | 32.714 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.528  | 143  | 364610   | 34.106 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.063 | 165  | 627189   | 31.425 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.581 | 131  | 840126   | 28.351 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.716 | 166  | 2042059  | 32.080 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.993 | 160  | 2334155  | 31.890 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 344084   | 26.997 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.298 | 176  | 1752088  | 32.531 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200  | 232901   | 25.110 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.145 | 188  | 2616494  | 33.120 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 2379813  | 35.080 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.016 | 264  | 1121246  | 19.762 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 6.858  | 94   | 31631    | 1.233  | ng/u1# | 85       |
| 72) Phenanthrene              | 17.092 | 178  | 180090   | 1.916  | ng/u1  | 98       |
| 80) Fluoranthene              | 19.110 | 202  | 349624   | 4.312  | ng/u1  | 99       |
| 82) Pyrene                    | 19.475 | 202  | 236410   | 2.842  | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.269 | 228  | 129466   | 1.526  | ng/u1  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149  | 84615    | 1.477  | ng/u1  | 99       |
| 87) Chrysene                  | 21.328 | 228  | 132296   | 1.669  | ng/u1  | 96       |
| 90) Benzo(b)fluoranthene      | 23.286 | 252  | 140243   | 1.975  | ng/u1# | 91       |

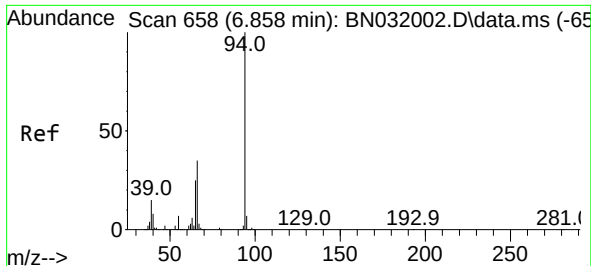
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 11 22:28:10 2024  
Response via : Initial Calibration

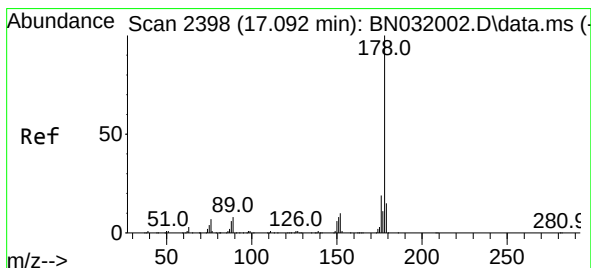
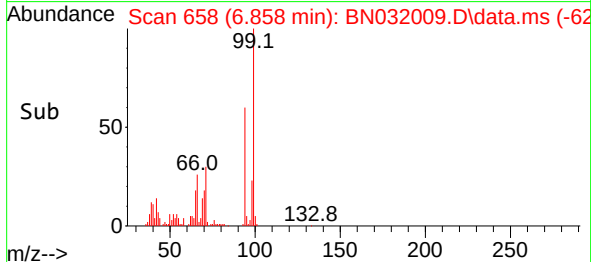
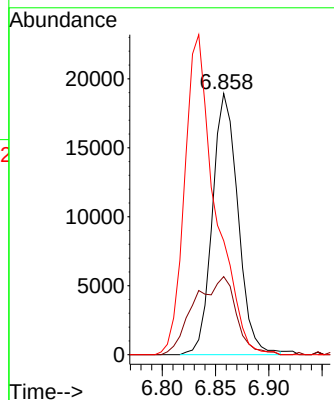
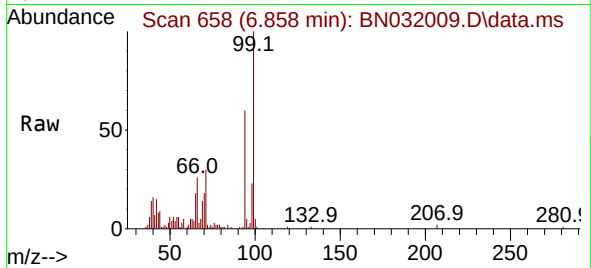




#8  
Phenol  
Concen: 1.233 ng/ul  
RT: 6.858 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BN032009.D  
Acq: 14 Jun 2024 20:27

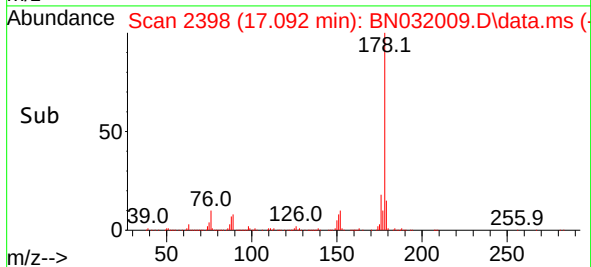
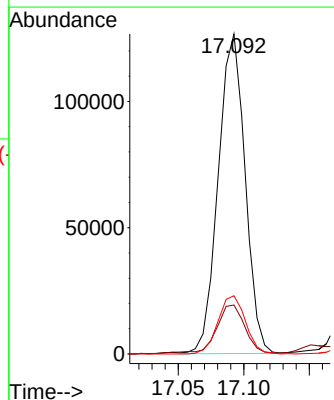
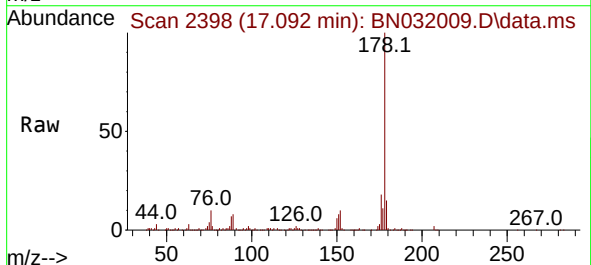
Instrument :  
BNA\_N  
ClientSampleId :  
A4BN4

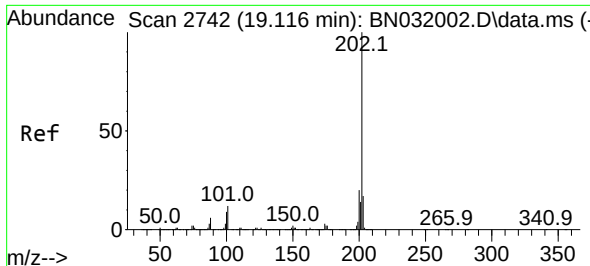
Tgt Ion: 94 Resp: 31631  
Ion Ratio Lower Upper  
94 100  
65 29.9 20.3 30.5  
66 43.6 25.8 38.8#



#72  
Phenanthrene  
Concen: 1.916 ng/ul  
RT: 17.092 min Scan# 2398  
Delta R.T. -0.006 min  
Lab File: BN032009.D  
Acq: 14 Jun 2024 20:27

Tgt Ion: 178 Resp: 180090  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.6 19.0  
176 18.2 15.8 23.6

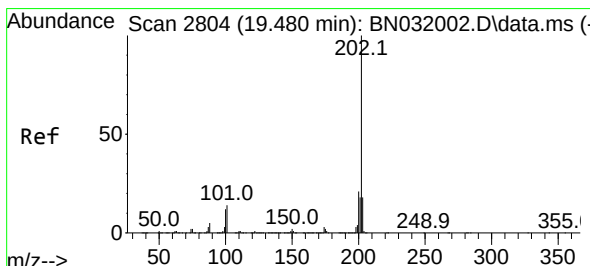
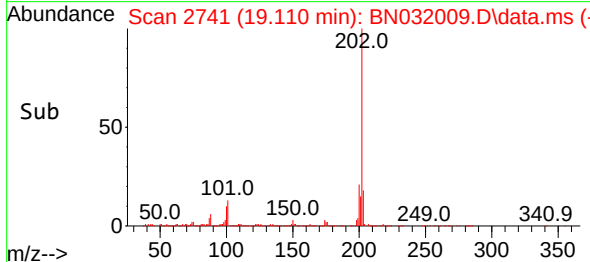
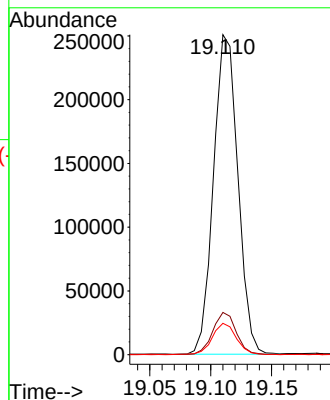
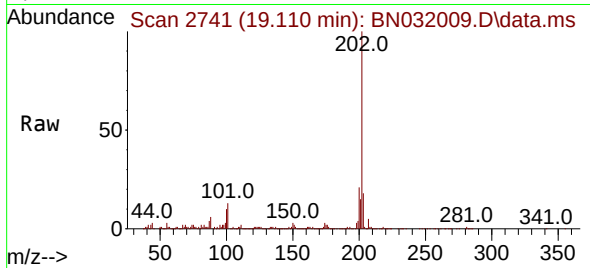




#80  
Fluoranthene  
Concen: 4.312 ng/ul  
RT: 19.110 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN032009.D  
Acq: 14 Jun 2024 20:27

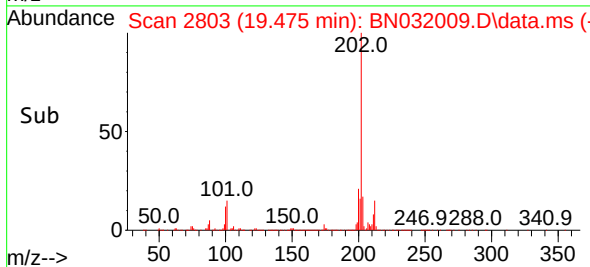
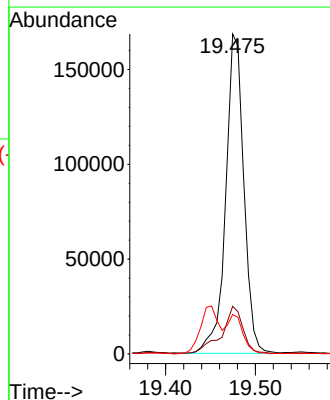
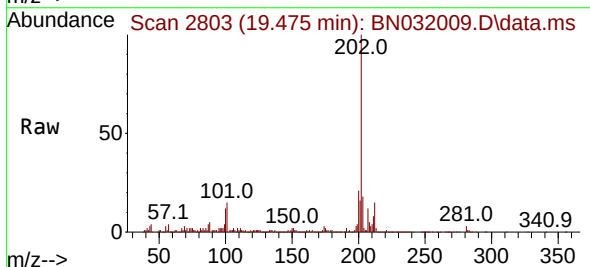
Instrument :  
BNA\_N  
ClientSampleId :  
A4BN4

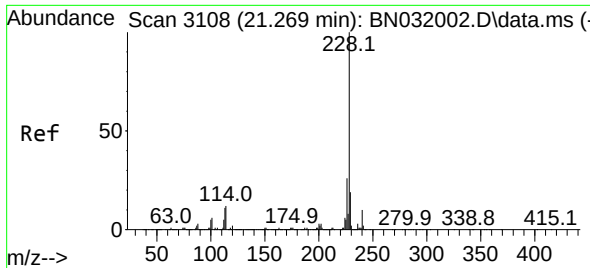
Tgt Ion:202 Resp: 349624  
Ion Ratio Lower Upper  
202 100  
101 13.2 10.3 15.5  
100 9.8 8.0 12.0



#82  
Pyrene  
Concen: 2.842 ng/ul  
RT: 19.475 min Scan# 2803  
Delta R.T. -0.012 min  
Lab File: BN032009.D  
Acq: 14 Jun 2024 20:27

Tgt Ion:202 Resp: 236410  
Ion Ratio Lower Upper  
202 100  
101 14.9 12.6 18.8  
100 12.3 10.2 15.2

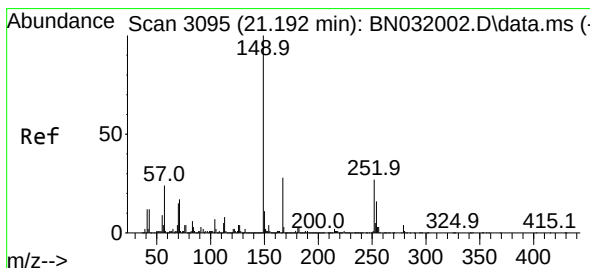
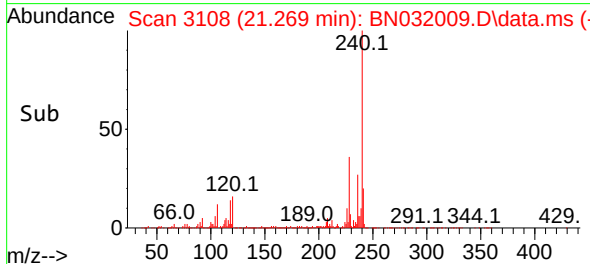
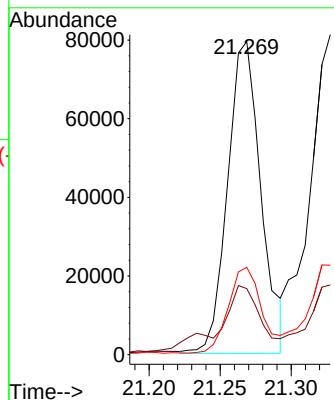
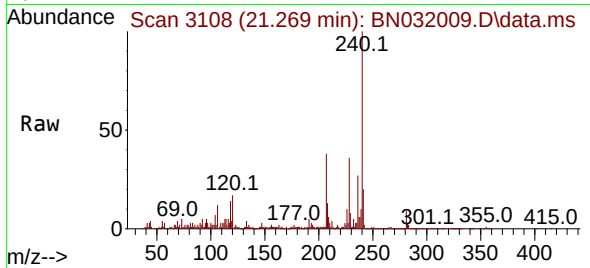




#85  
Benzo(a)anthracene  
Concen: 1.526 ng/ul  
RT: 21.269 min Scan# 3108  
Delta R.T. -0.006 min  
Lab File: BN032009.D  
Acq: 14 Jun 2024 20:27

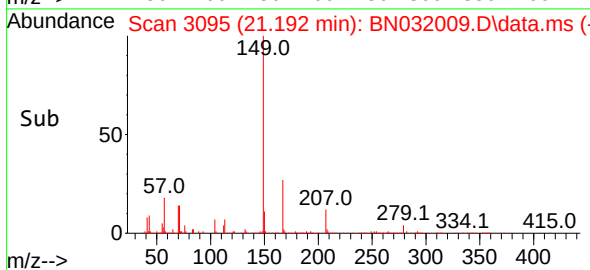
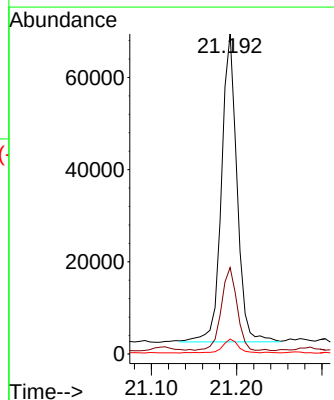
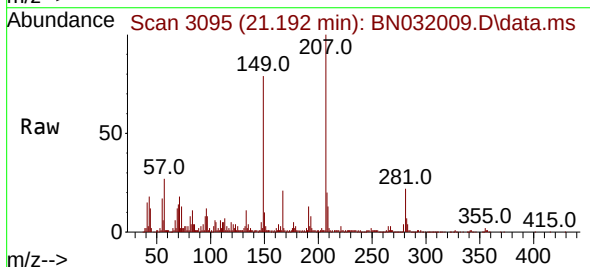
Instrument :  
BNA\_N  
ClientSampleId :  
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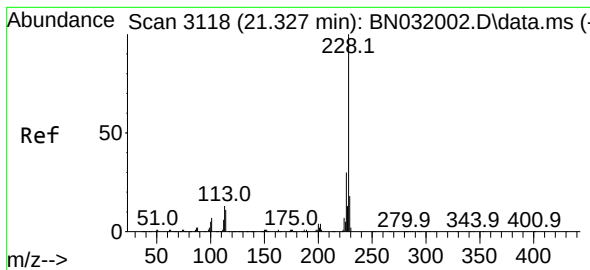
Tgt Ion:228 Resp: 129466  
Ion Ratio Lower Upper  
228 100  
229 21.1 16.7 25.1  
226 27.9 22.8 34.2



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 1.477 ng/ul  
RT: 21.192 min Scan# 3095  
Delta R.T. -0.012 min  
Lab File: BN032009.D  
Acq: 14 Jun 2024 20:27

Tgt Ion:149 Resp: 84615  
Ion Ratio Lower Upper  
149 100  
167 27.0 21.4 32.0  
279 4.7 3.3 4.9





#87

Chrysene

Concen: 1.669 ng/ul

RT: 21.328 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BN032009.D

Acq: 14 Jun 2024 20:27

Instrument :

BNA\_N

ClientSampleId :

A4BN4

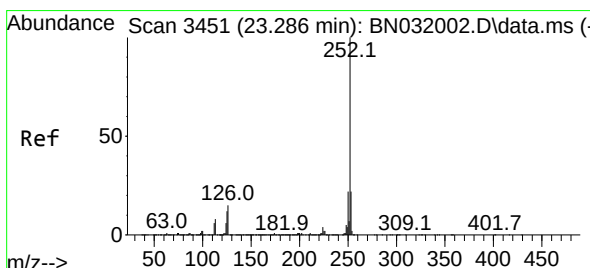
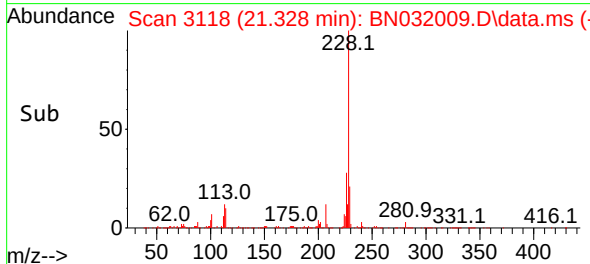
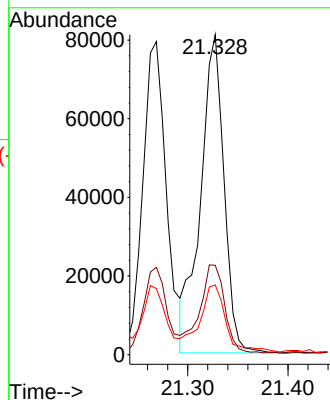
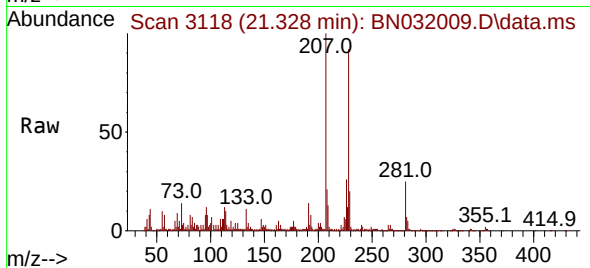
Tgt Ion:228 Resp: 132296

Ion Ratio Lower Upper

228 100

226 27.9 23.7 35.5

229 21.8 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 1.975 ng/ul

RT: 23.286 min Scan# 3451

Delta R.T. -0.006 min

Lab File: BN032009.D

Acq: 14 Jun 2024 20:27

Tgt Ion:252 Resp: 140243

Ion Ratio Lower Upper

252 100

253 24.1 17.0 25.6

125 16.7 9.2 13.8#

