

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103124\  
 Data File : BM048409.D  
 Acq On : 02 Nov 2024 00:07  
 Operator : RC/JU  
 Sample : P4558-04  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E1L82

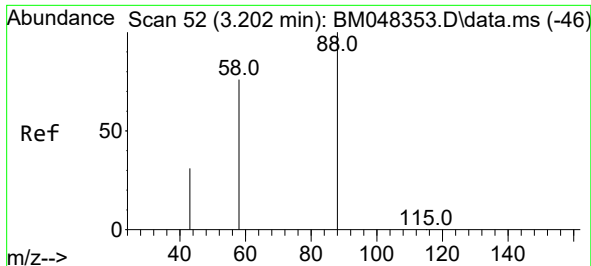
Quant Time: Nov 03 21:51:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM103124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 31 14:58:12 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.708  | 152  | 4344     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.491 | 136  | 14036    | 0.400 | ng/ul  | #-0.04   |
| 9) Acenaphthene-d10         | 14.294 | 164  | 1631     | 0.400 | ng/ul  | #-0.07   |
| 13) Phenanthrene-d10        | 17.192 | 188  | 2075572  | 0.400 | ng/ul  | 0.07     |
| 17) Chrysene-d12            | 0.000  | 240  | 0        | 0.000 | ng/ul  | -21.29   |
| 23) Perylene-d12            | 23.510 | 264  | 22047    | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.159  | 96   | 33705    | 6.318 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.108 | 152  | 12521    | 0.701 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.123 | 212  | 35542    | 0.000 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.202  | 88   | 154      | 0.027 | ng/ul# | 60       |
| 10) Acenaphthylene          | 14.039 | 152  | 267      | 0.042 | ng/ul# | 1        |
| 12) Fluorene                | 15.344 | 166  | 3790     | 0.674 | ng/ul# | 15       |
| 26) Benzo(a)pyrene          | 23.361 | 252  | 7999     | 0.113 | ng/ul# | 85       |
| -----                       |        |      |          |       |        |          |

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

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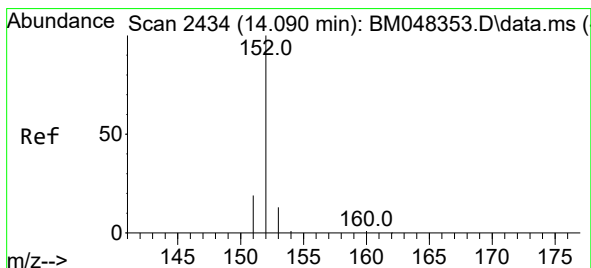
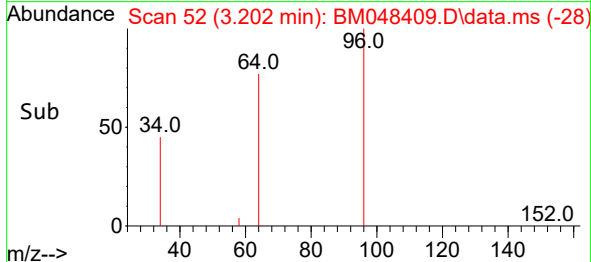
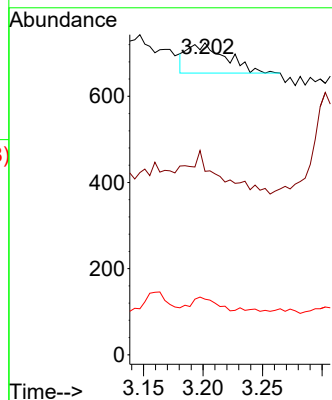
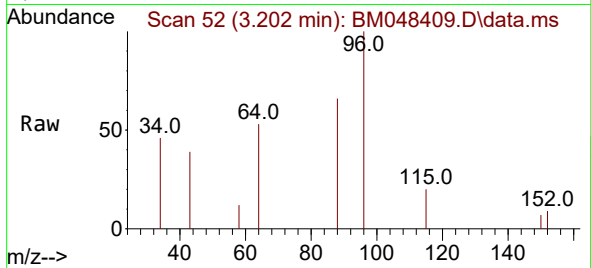
[illegible]



#2  
1,4-Dioxane  
Concen: 0.027 ng/ul  
RT: 3.202 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BM048409.D  
Acq: 02 Nov 2024 00:07

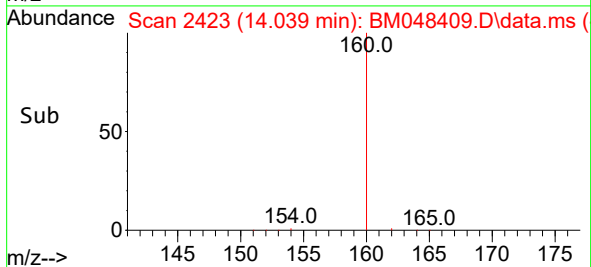
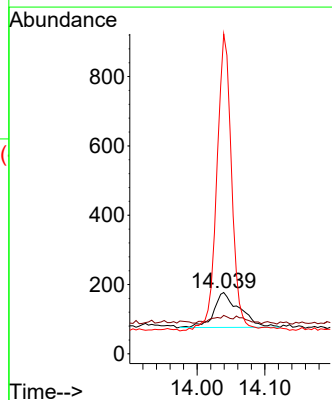
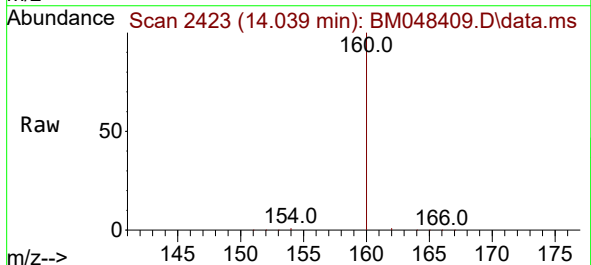
Instrument :  
BNA\_M  
ClientSampleId :  
E1L82

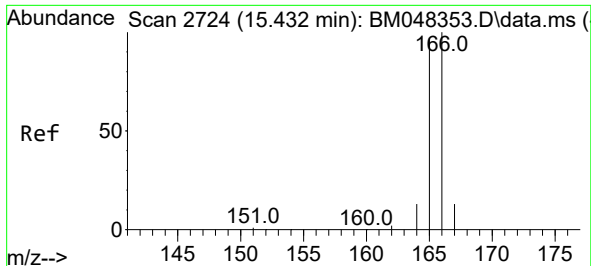
Tgt Ion: 88 Resp: 154  
Ion Ratio Lower Upper  
88 100  
43 58.8 36.2 54.4#  
58 17.8 47.4 71.0#



#10  
Acenaphthylene  
Concen: 0.042 ng/ul  
RT: 14.039 min Scan# 2423  
Delta R.T. -0.051 min  
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Tgt Ion: 152 Resp: 267  
Ion Ratio Lower Upper  
152 100  
151 62.7 16.6 24.8#  
153 521.5 11.8 17.6#

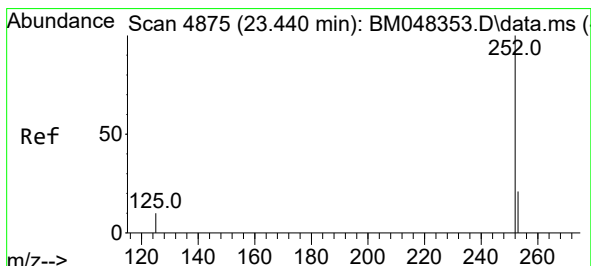
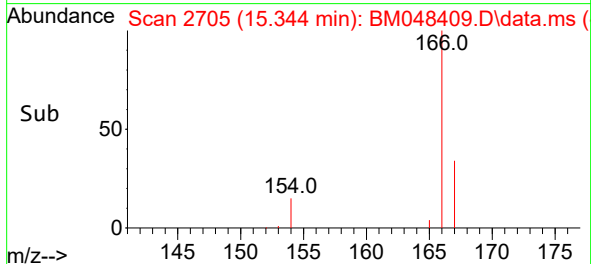
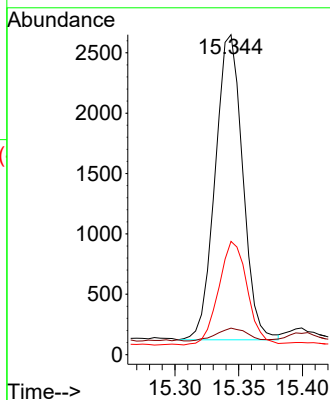
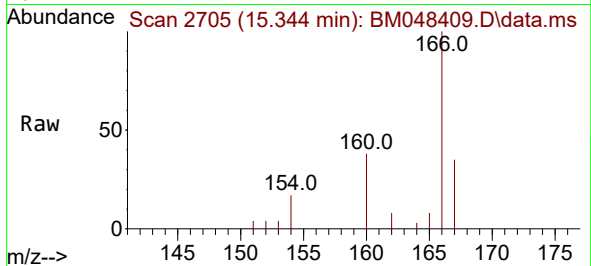




#12  
Fluorene  
Concen: 0.674 ng/ul  
RT: 15.344 min Scan# 21  
Delta R.T. -0.088 min  
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Tgt Ion:166 Resp: 3790  
Ion Ratio Lower Upper  
166 100  
165 8.3 78.6 118.0#  
167 35.4 12.1 18.1#



#26  
Benzo(a)pyrene  
Concen: 0.113 ng/ul  
RT: 23.361 min Scan# 4848  
Delta R.T. -0.079 min  
Lab File: BM048409.D  
Acq: 02 Nov 2024 00:07

Tgt Ion:252 Resp: 7999  
Ion Ratio Lower Upper  
252 100  
253 41.2 27.7 41.5  
125 36.7 21.1 31.7#

