

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
 Data File : BM047713.D  
 Acq On : 30 Sep 2024 11:59  
 Operator : RC/JU  
 Sample : P3910-15  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDC35

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024  
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 30 13:06:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 28 02:30:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.816  | 152  | 196140   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.604 | 136  | 814546   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.445 | 164  | 469380   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 950827   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.404 | 240  | 875159   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.415 | 264  | 1002683  | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.258  | 96   | 23672    | 3.900  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.675  | 84   | 326838   | 18.391 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.975  | 99   | 278031   | 14.991 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 295059   | 22.419 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.346  | 132  | 124269   | 9.209  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.516  | 113  | 368980   | 26.758 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 169356   | 26.113 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.687  | 143  | 37677    | 6.062  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.228 | 165  | 104148   | 8.389  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.734 | 131  | 562680   | 29.315 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 1154718  | 33.932 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.139 | 160  | 1349590  | 33.448 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.663 | 143  | 28549m   | 4.214  | ng/u1  | 0.03     |
| 60) Fluorene-d10              | 15.433 | 176  | 1024720  | 34.764 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200  | 11075    | 1.990  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.280 | 188  | 1608027  | 34.394 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.568 | 212  | 1899712  | 38.247 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.209 | 264  | 1923931  | 36.982 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 8) Phenol                     | 7.005  | 94   | 30257    | 1.533  | ng/u1  | 98       |
| 30) Naphthalene               | 10.657 | 128  | 139940   | 2.987  | ng/u1# | 97       |
| 36) 2-Methylnaphthalene       | 12.269 | 142  | 333510   | 11.203 | ng/u1  | 97       |
| 37) 1-Methylnaphthalene       | 12.487 | 142  | 205254   | 6.777  | ng/u1  | 97       |
| 43) 1,1'-Biphenyl             | 13.281 | 154  | 48035    | 1.278  | ng/u1# | 97       |
| 71) Pentachlorophenol         | 16.833 | 266  | 51615    | 7.117  | ng/u1  | 98       |
| 72) Phenanthrene              | 17.222 | 178  | 170517   | 3.058  | ng/u1# | 95       |
| -----                         |        |      |          |        |        |          |

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

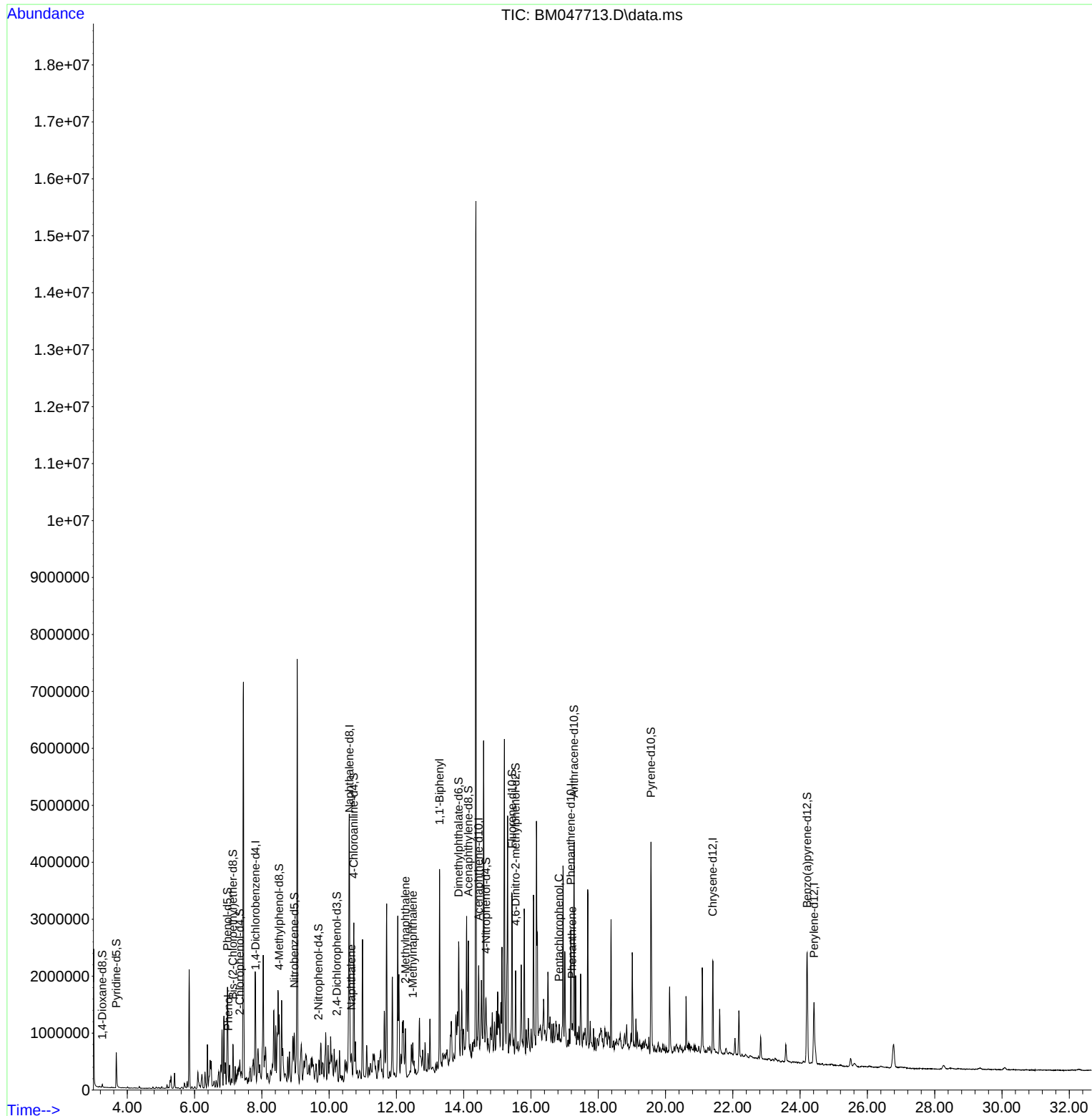
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047713.D  
Acq On : 30 Sep 2024 11:59  
Operator : RC/JU  
Sample : P3910-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

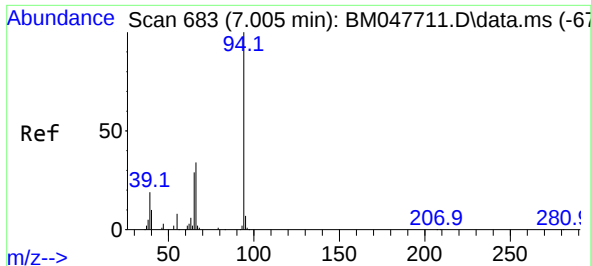
Instrument :  
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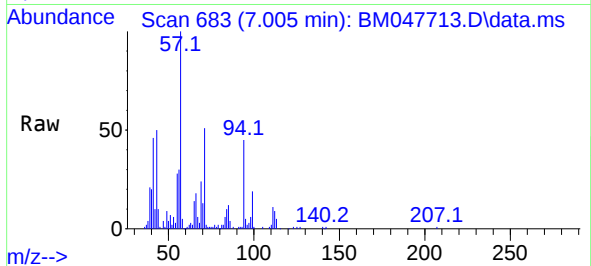
Quant Time: Sep 30 13:06:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Sep 28 02:30:36 2024  
Response via : Initial Calibration





#8  
Phenol  
Concen: 1.533 ng/u1  
RT: 7.005 min Scan# 683  
Delta R.T. 0.000 min  
Lab File: BM047713.D  
Acq: 30 Sep 2024 11:59

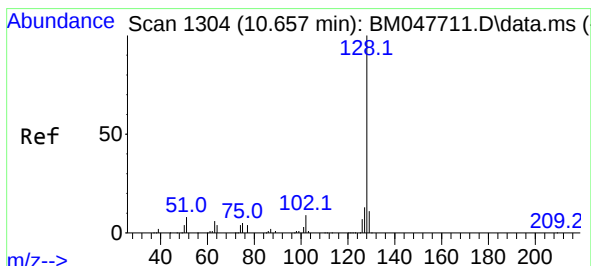
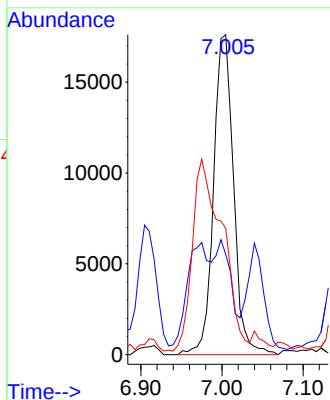
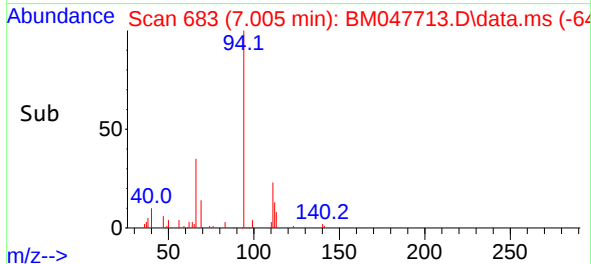
Instrument :  
BNA\_M  
ClientSampleId :  
DDC35



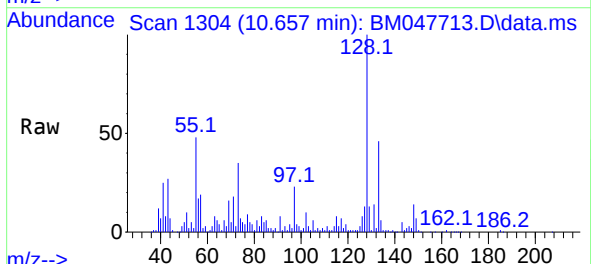
Tgt Ion: 94 Resp: 3025  
Ion Ratio Lower Upper  
94 100  
65 31.4 26.3 39.5  
66 39.5 30.5 45.7

Manual Integrations  
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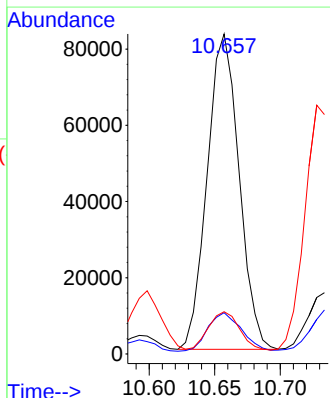
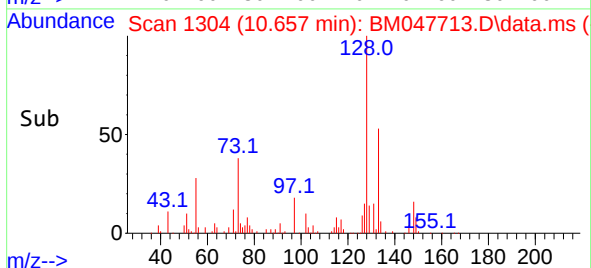
Reviewed By :Yogesh Patel 10/01/2024  
Supervised By :mohammad ahmed 10/01/2024

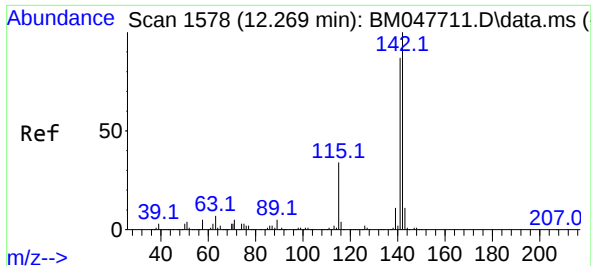


#30  
Naphthalene  
Concen: 2.987 ng/u1  
RT: 10.657 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BM047713.D  
Acq: 30 Sep 2024 11:59



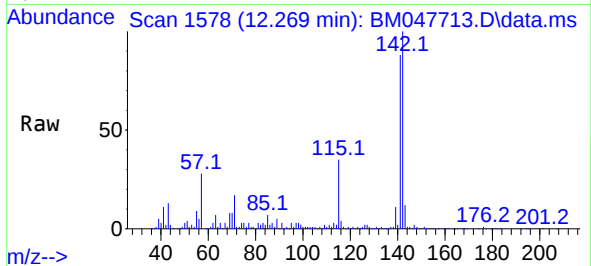
Tgt Ion:128 Resp: 139940  
Ion Ratio Lower Upper  
128 100  
129 12.9 8.6 12.8#  
127 13.2 10.4 15.6





#36  
2-Methylnaphthalene  
Concen: 11.203 ng/ul  
RT: 12.269 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM047713.D  
Acq: 30 Sep 2024 11:59

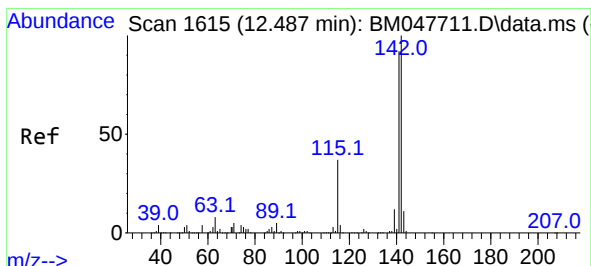
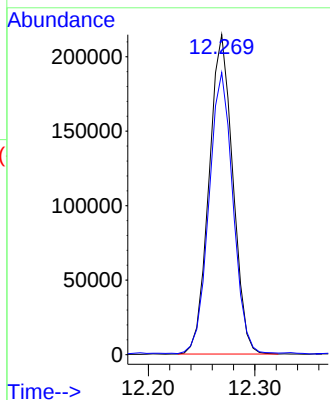
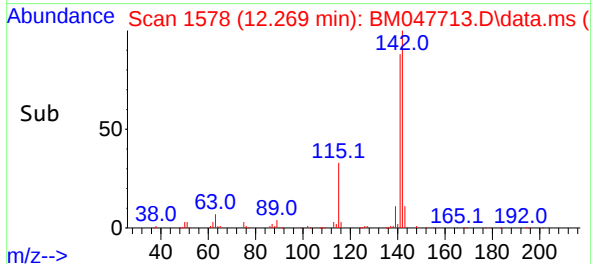
Instrument :  
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ClientSampleId :  
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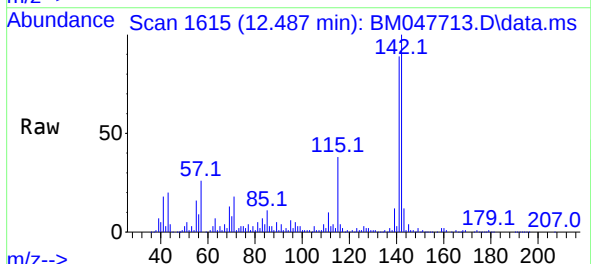
Tgt Ion:142 Resp: 333510  
Ion Ratio Lower Upper  
142 100  
141 88.1 72.5 108.7

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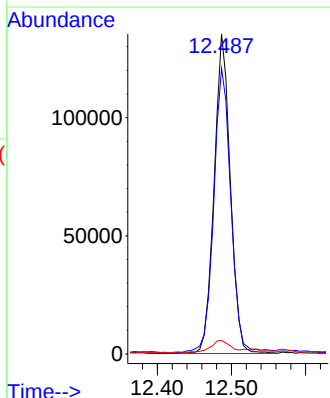
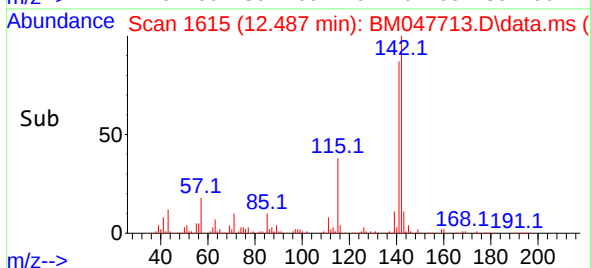
Reviewed By :Yogesh Patel 10/01/2024  
Supervised By :mohammad ahmed 10/01/2024

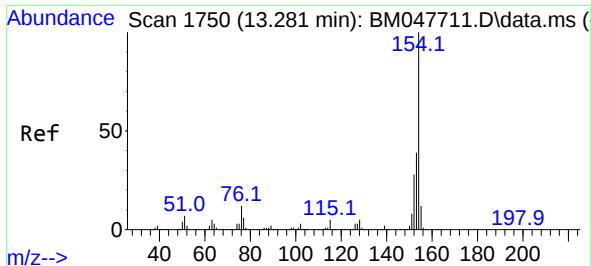


#37  
1-Methylnaphthalene  
Concen: 6.777 ng/ul  
RT: 12.487 min Scan# 1615  
Delta R.T. -0.006 min  
Lab File: BM047713.D  
Acq: 30 Sep 2024 11:59



Tgt Ion:142 Resp: 205254  
Ion Ratio Lower Upper  
142 100  
141 89.2 73.4 110.2  
116 4.3 3.0 4.6





#43

1,1'-Biphenyl

Concen: 1.278 ng/ul

RT: 13.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047713.D

Acq: 30 Sep 2024 11:59

Instrument :

BNA\_M

ClientSampleId :

DDC35

Tgt Ion:154 Resp: 4803

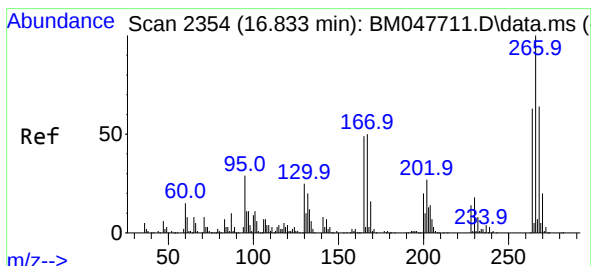
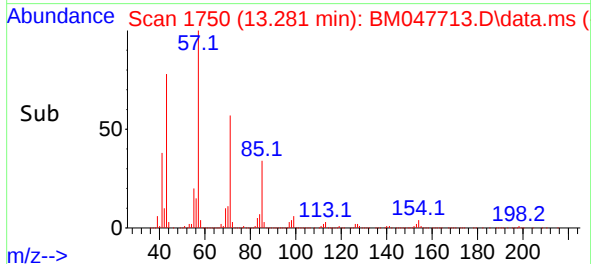
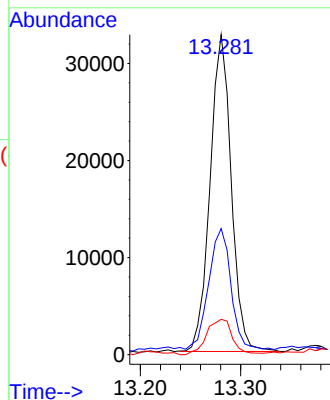
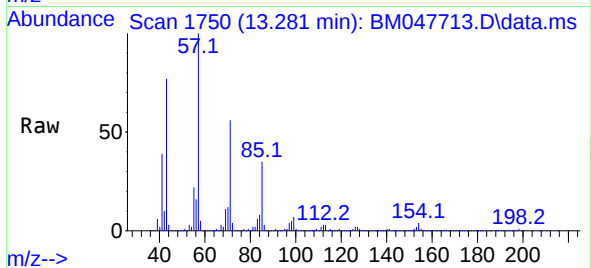
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.4  | 31.1  | 46.7  |
| 76  | 11.1  | 12.1  | 18.1  |

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#71

Pentachlorophenol

Concen: 7.117 ng/ul

RT: 16.833 min Scan# 2354

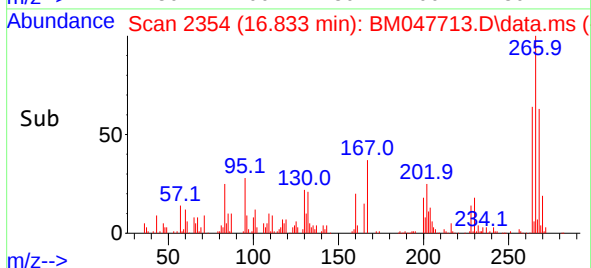
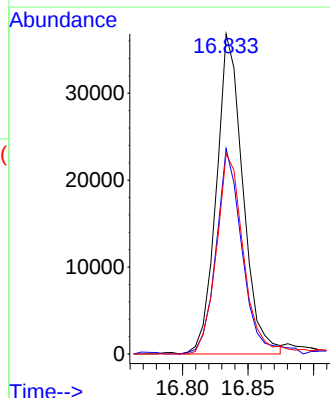
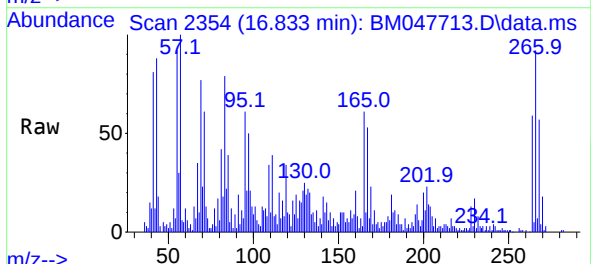
Delta R.T. -0.006 min

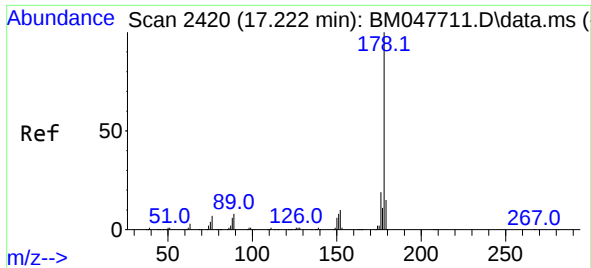
Lab File: BM047713.D

Acq: 30 Sep 2024 11:59

Tgt Ion:266 Resp: 51615

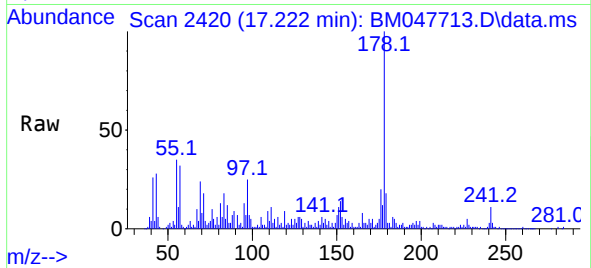
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 264 | 64.2  | 50.2  | 75.2  |
| 268 | 62.5  | 50.9  | 76.3  |





#72  
 Phenanthrene  
 Concen: 3.058 ng/ul  
 RT: 17.222 min Scan# 2420  
 Delta R.T. -0.006 min  
 Lab File: BM047713.D  
 Acq: 30 Sep 2024 11:59

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDC35



Tgt Ion:178 Resp: 170517  
 Ion Ratio Lower Upper  
 178 100  
 179 18.4 12.0 18.0  
 176 20.2 15.4 23.0

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