Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113021\
Data File : BM033282.D
Acq On : 30 Nov 2021 12:07
Operator : CG/JU
Sample : M4725-03DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
F4L06DL

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Nov 30 12:37:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 10:39:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.932 | 152 | 2036 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.729 | 136 | 5854 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.553 | 164 | 3499 | 0.400 | ng/ul | # 0.00 |
| 13) Phenanthrene-d10 | 17.292 | 188 | 7783 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.454 | 240 | 7717 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.784 | 264 | 7236 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.382 | 96 | 2181 | 1.139 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.312 | 152 | 560 | 0.069 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.312 | 212 | 2384 | 0.107 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.413 | 88 | 107 | 0.050 | ng/ul# | 46 |
| 5) Naphthalene | 10.774 | 128 | 497 | 0.027 | ng/ul# | 54 |
| 10) Acenaphthylene | 14.277 | 152 | 3691 | 0.226 | ng/ul# | 88 |
| 11) Acenaphthene | 14.618 | 153 | 150472 | 11.214 | ng/ul | 97 |
| 12) Fluorene | 15.600 | 166 | 44473 | 2.937 | ng/ul | 98 |
| 15) Phenanthrene | 17.334 | 178 | 699m | 0.025 | ng/ul | |
| 16) Anthracene | 17.424 | 178 | 14390 | 0.631 | ng/ul | 97 |
| 19) Fluoranthene | 19.338 | 202 | 2601 | 0.070 | ng/ul# | 78 |
| 20) Pyrene | 19.700 | 202 | 2295 | 0.062 | ng/ul# | 74 |

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

Quantitation Report (QT Reviewed)

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Sample : M4725-03DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 12:37:54 2021
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**Instrument :**
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**ClientSampleId :**
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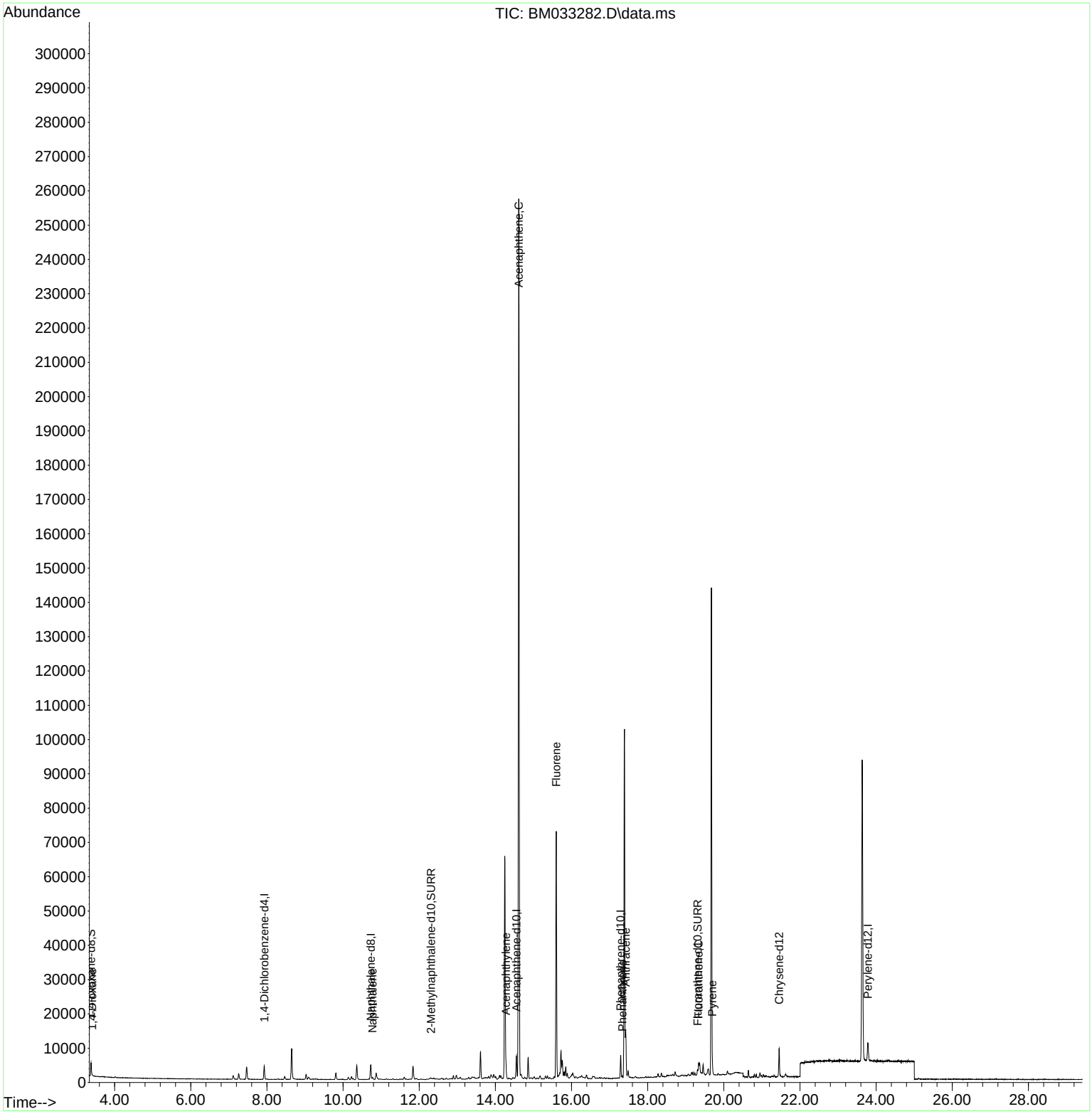

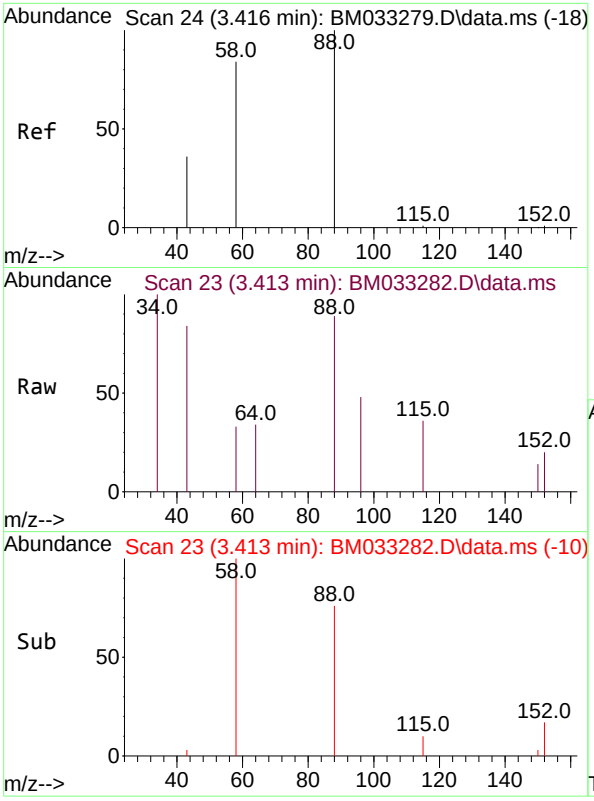


#2
1,4-Dioxane
Concen: 0.050 ng/ul
RT: 3.413 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion: 88 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 94.4 | 35.8 | 53.8# |
| 58 | 36.7 | 55.8 | 83.8# |

**Instrument :**
BNA_M
**ClientSampleId :**
F4L06DL

**Manual Integrations**
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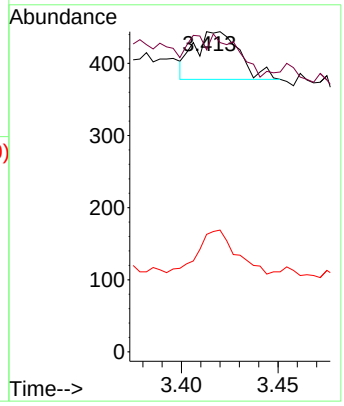
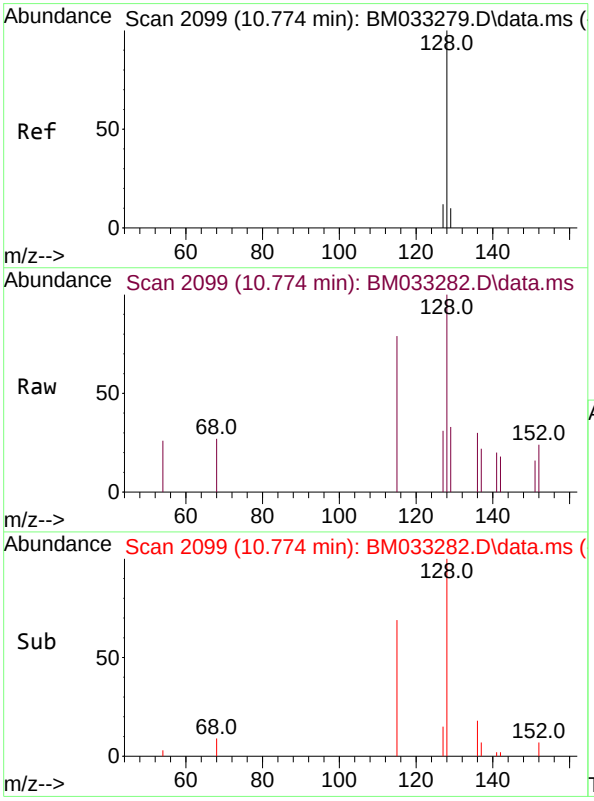
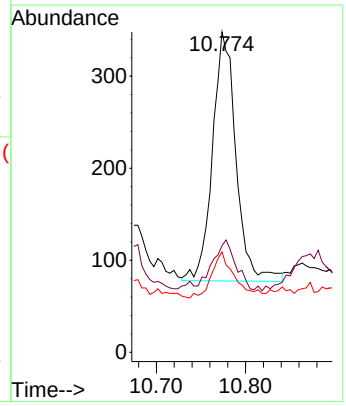


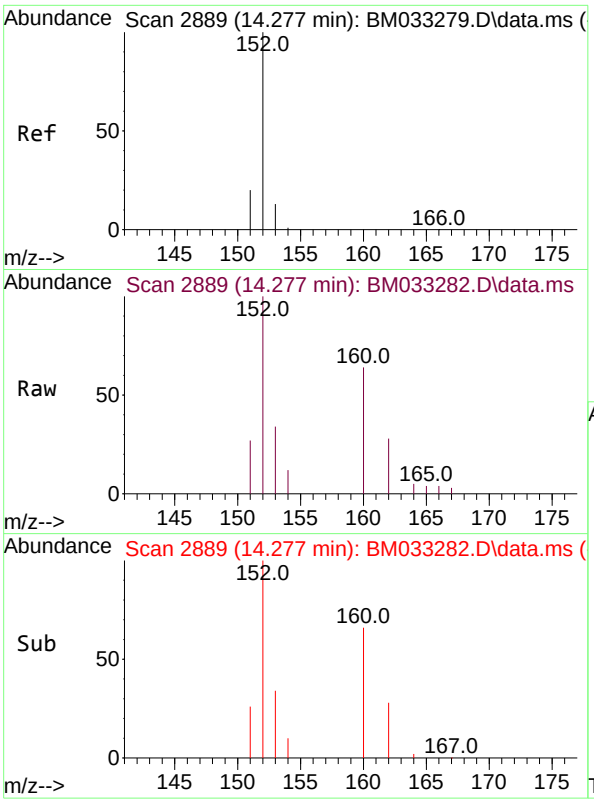




#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.774 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion:128 Resp: 497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 33.3 | 9.8 | 14.6# |
| 127 | 31.3 | 11.8 | 17.8# |






#10
Acenaphthylene
Concen: 0.226 ng/ul
RT: 14.277 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion:152 Resp: 369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 26.5 | 16.7 | 25.1# |
| 153 | 34.0 | 0.0 | 0.0# |

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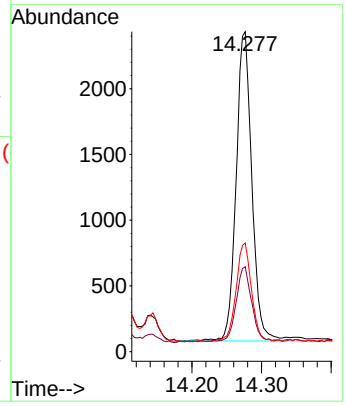
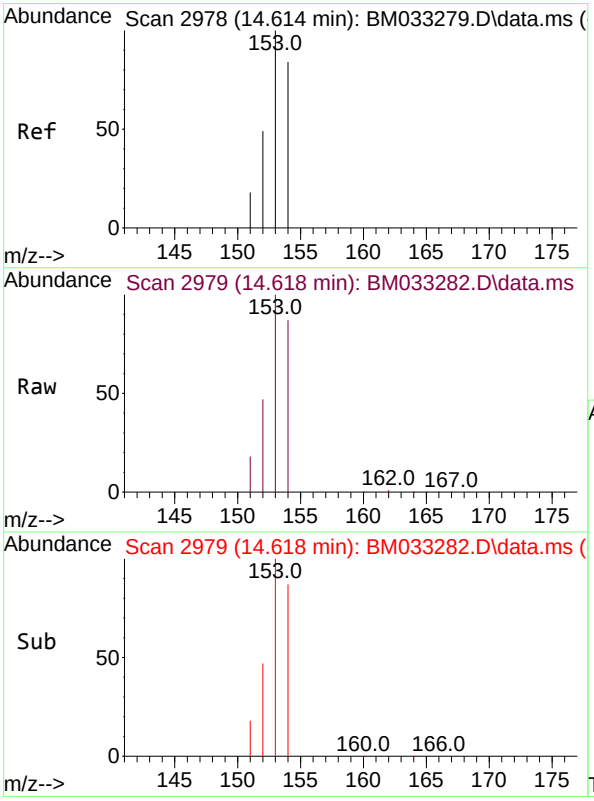
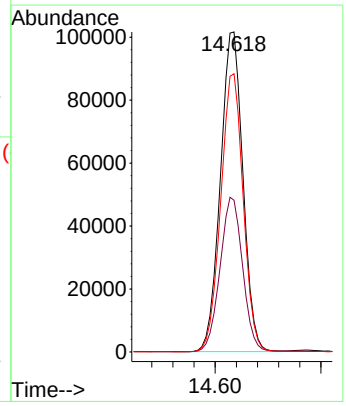


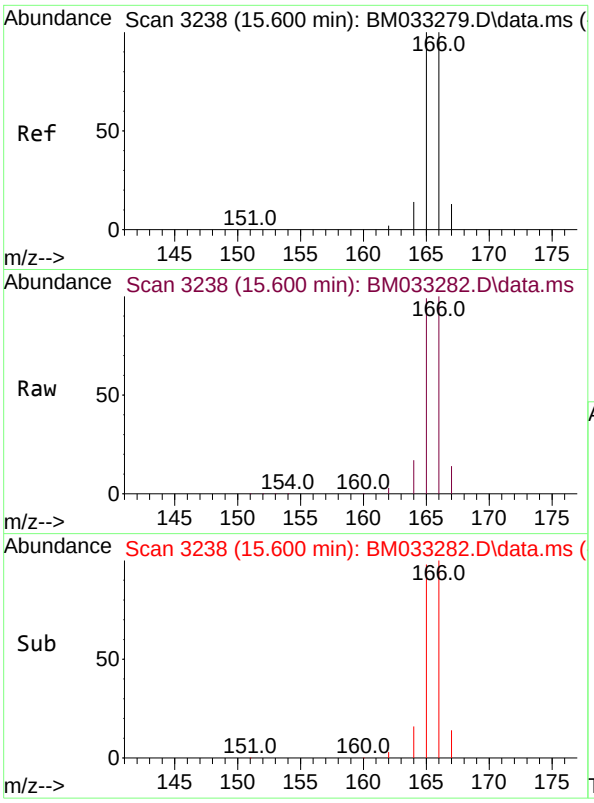




#11
Acenaphthene
Concen: 11.214 ng/ul
RT: 14.618 min Scan# 2979
Delta R.T. 0.004 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion:153 Resp: 150472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 47.4 | 40.6 | 60.8 |
| 154 | 86.9 | 70.8 | 106.2 |

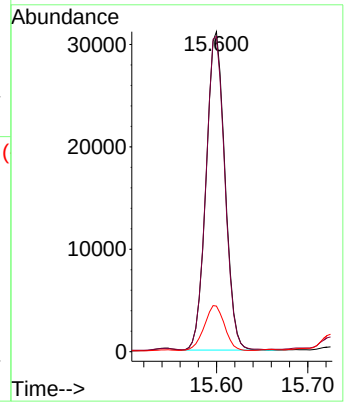





#12
Fluorene
Concen: 2.937 ng/ul
RT: 15.600 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion:166 Resp: 4447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.6 | 80.8 | 121.2 |
| 167 | 14.2 | 11.7 | 17.5 |

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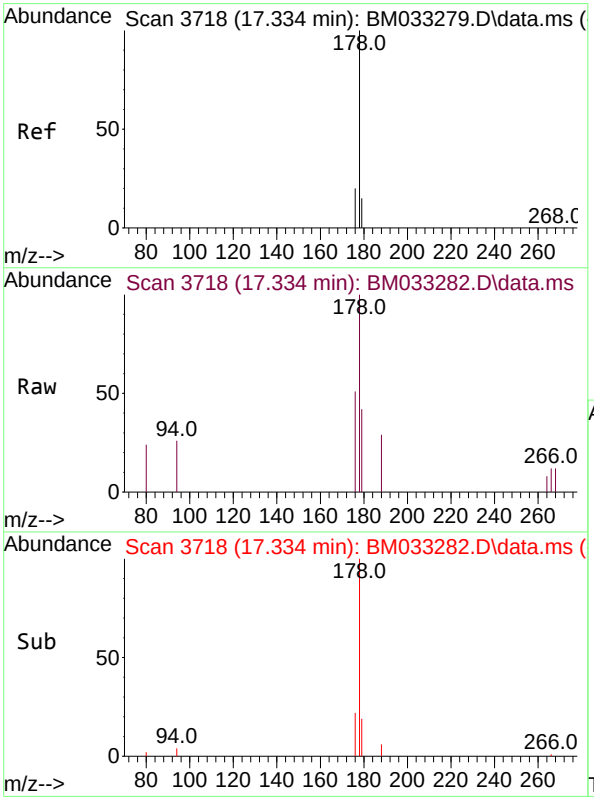
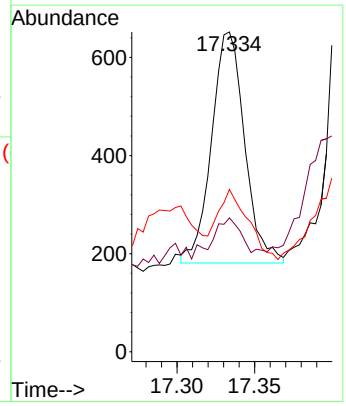
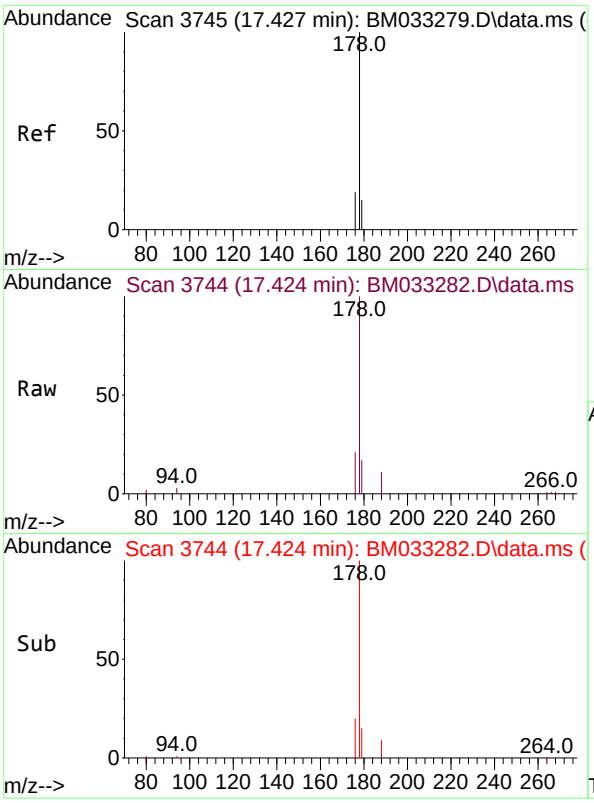



#15
Phenanthrene
Concen: 0.025 ng/ul m
RT: 17.334 min Scan# 3718
Delta R.T. 0.000 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion:178 Resp: 699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 41.9 | 12.9 | 19.3# |
| 176 | 50.8 | 16.0 | 24.0# |

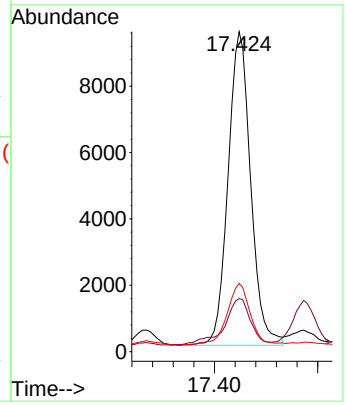





#16
Anthracene
Concen: 0.631 ng/ul
RT: 17.424 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion:178 Resp: 1439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.6 | 13.0 | 19.6 |
| 176 | 21.3 | 15.6 | 23.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
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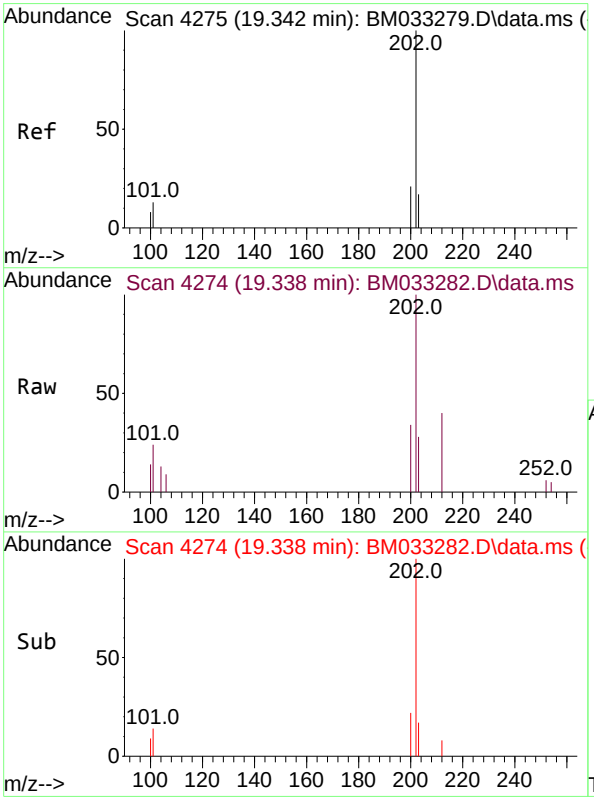
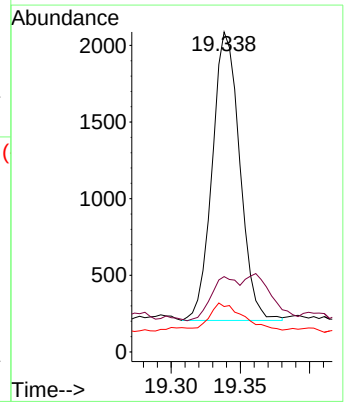
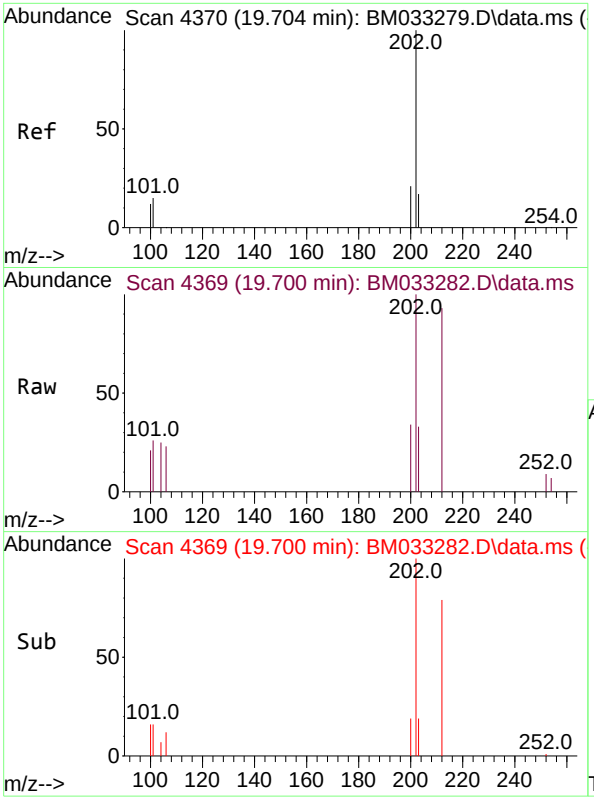



#19
Fluoranthene
Concen: 0.070 ng/ul
RT: 19.338 min Scan# 4274
Delta R.T. -0.004 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion:202 Resp: 2601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 23.5 | 9.9 | 14.9# |
| 100 | 14.2 | 7.3 | 10.9# |

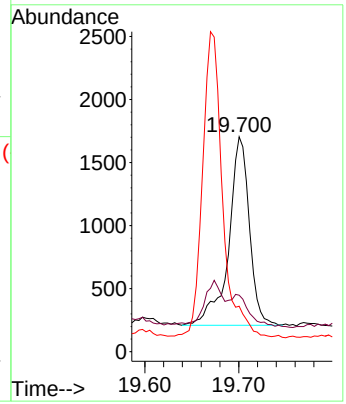





#20
Pyrene
Concen: 0.062 ng/ul
RT: 19.700 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM033282.D
Acq: 30 Nov 2021 12:07

Tgt Ion:202 Resp: 229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 26.3 | 11.8 | 17.6# |
| 100 | 21.1 | 9.5 | 14.3# |

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