

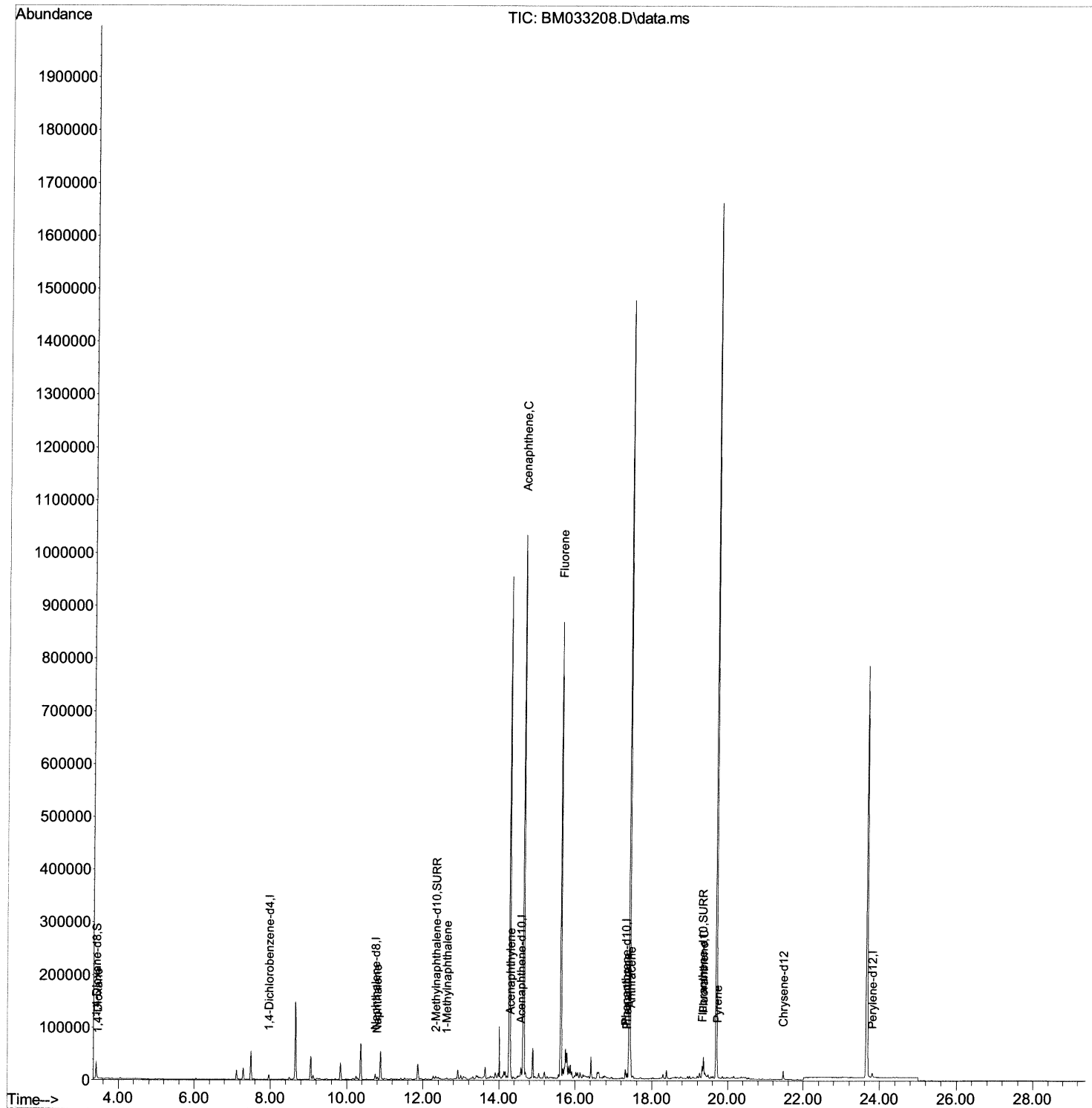
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033208.D
Acq On : 20 Nov 2021 10:58
Operator : CG/JU
Sample : M4725-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F4L11

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:53:38 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 : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



Quantitation Report (Qedit)

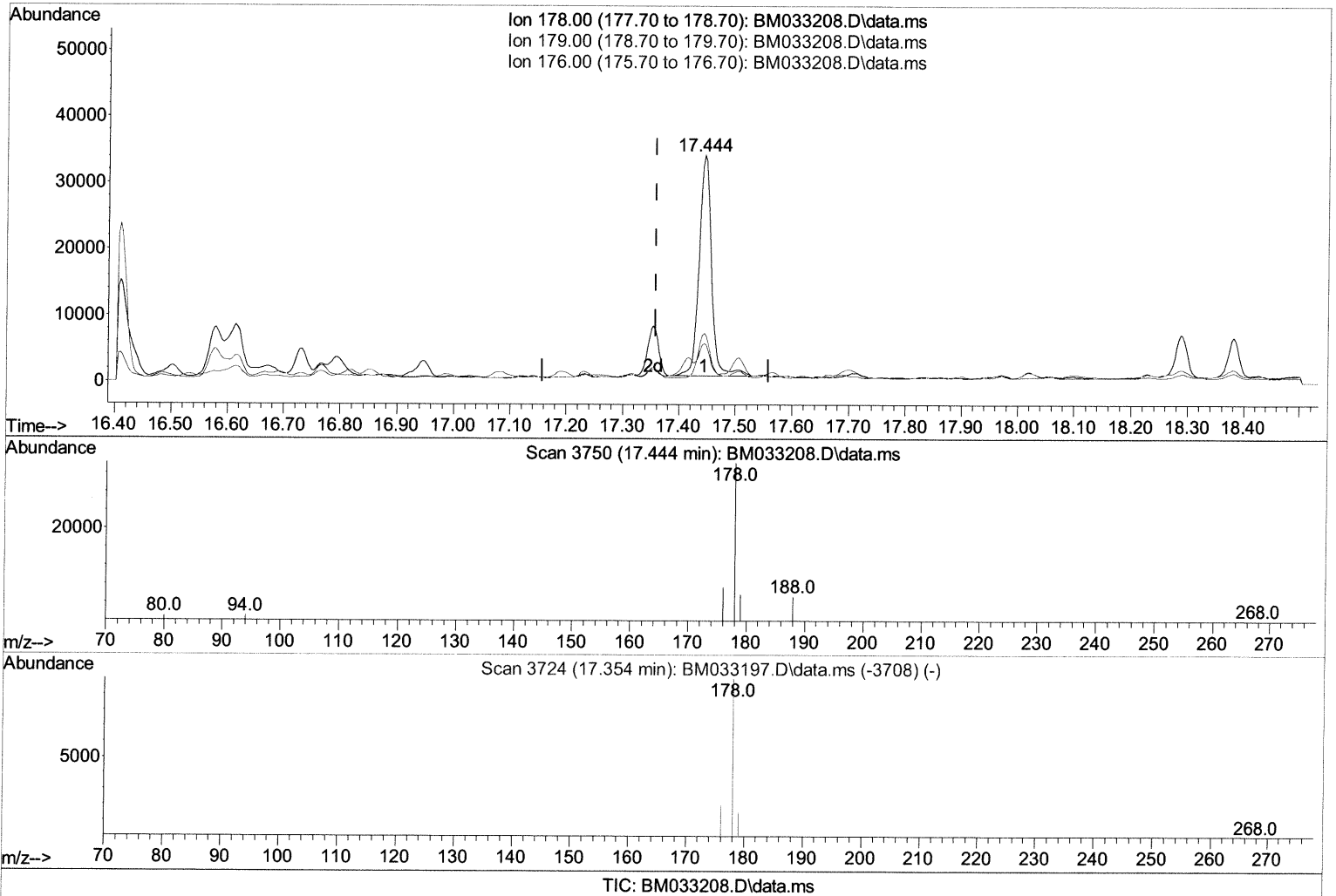
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(15) Phenanthrene

17.444min (+ 0.086) 0.72 ng/ul

response 51683

| Ion | Exp% | Act% |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.10 | 16.82 |
| 176.00 | 20.00 | 21.35 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

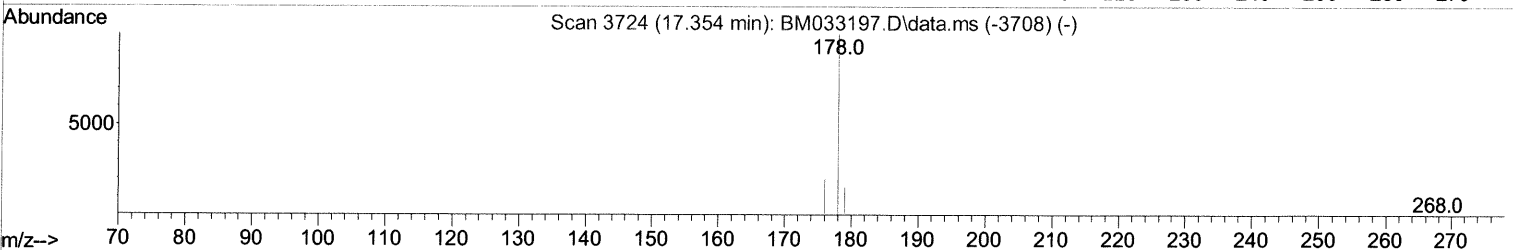
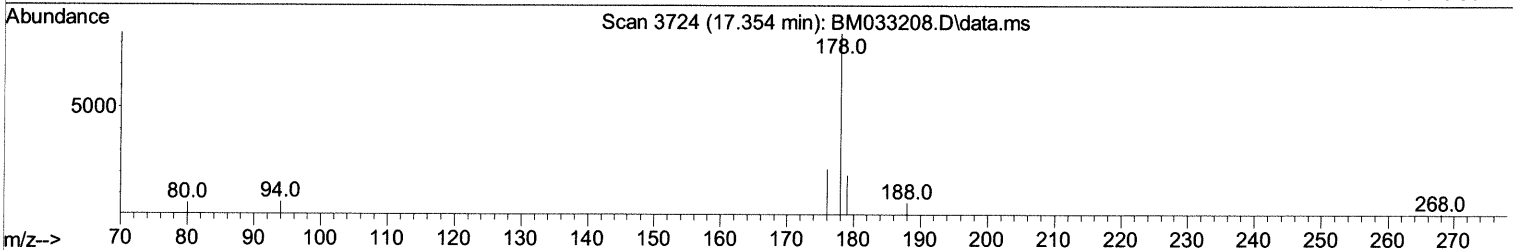
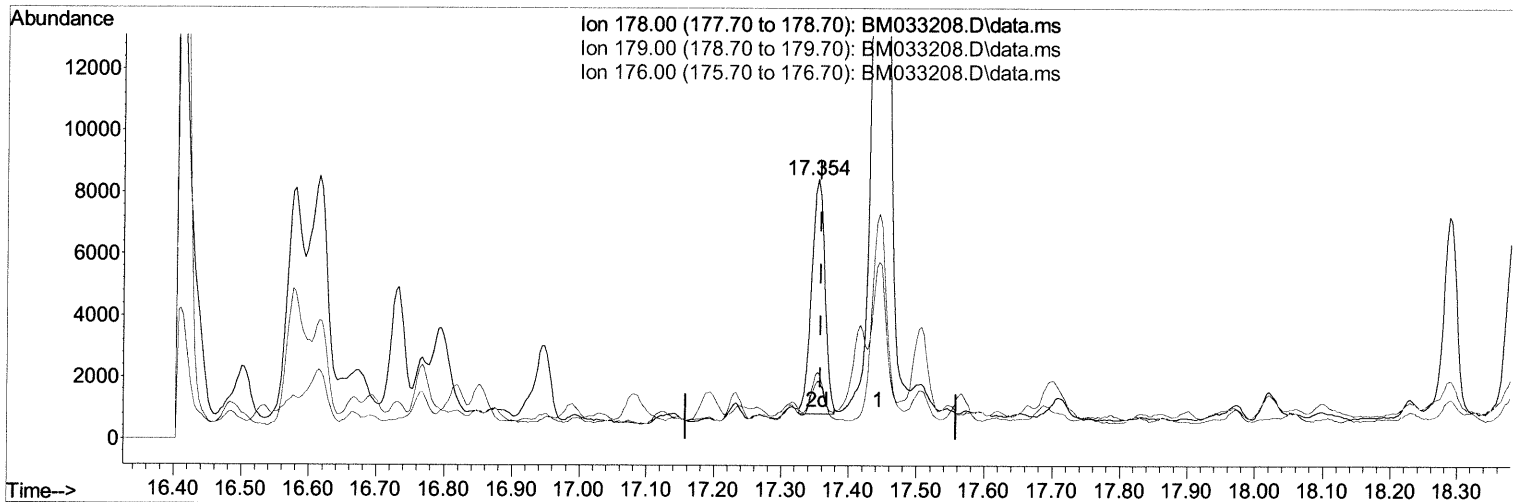
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TIC: BM033208.D\data.ms

(15) Phenanthrene

17.354min (-0.004) 0.15 ng/ul m 11/30/21 JV

response 10437

| Ion | Exp% | Act% |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.10 | 22.47# |
| 176.00 | 20.00 | 25.79# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

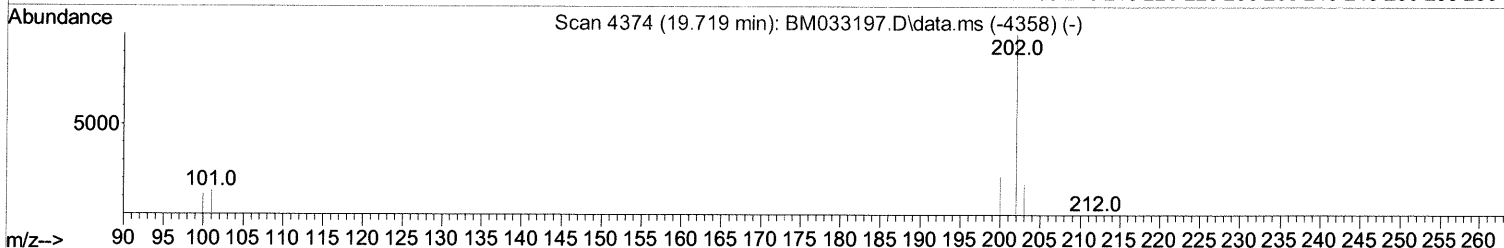
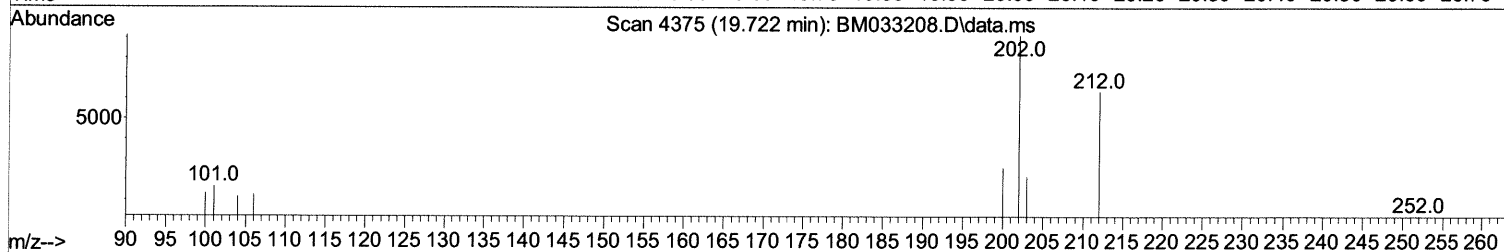
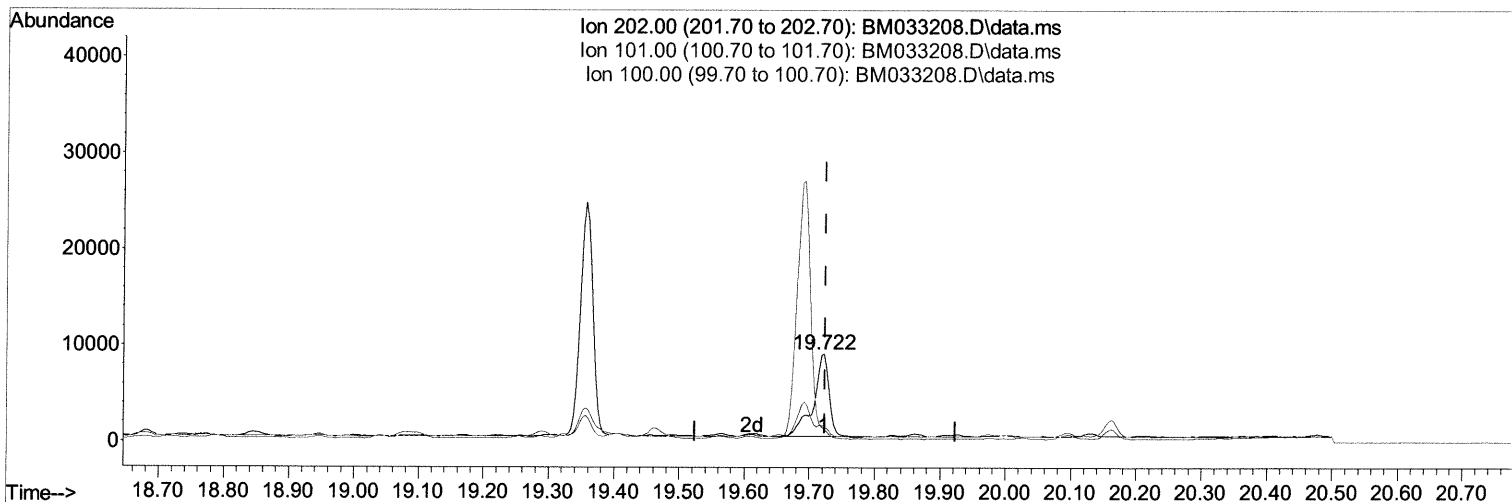
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TIC: BM033208.D\data.ms

(20) Pyrene

19.722min (-0.001) 0.21 ng/ul

response 14558

| Ion | Exp% | Act% |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.70 | 18.24# |
| 100.00 | 11.90 | 14.54# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

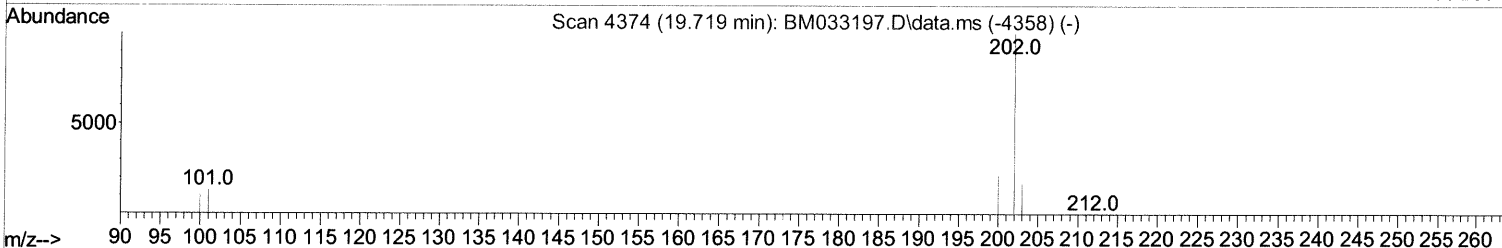
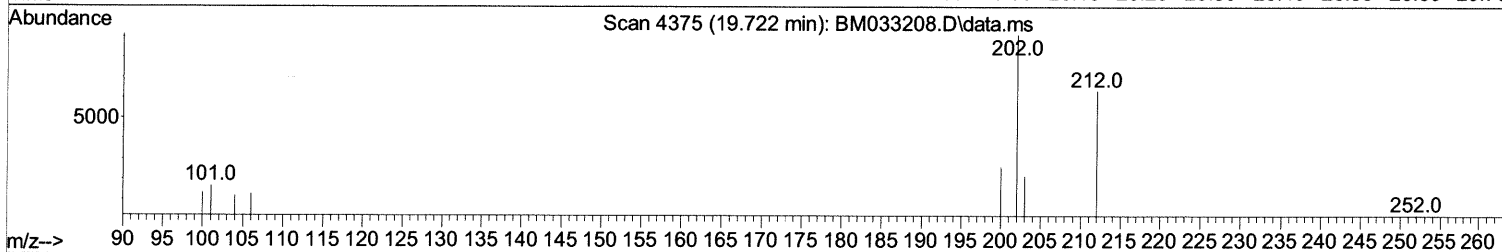
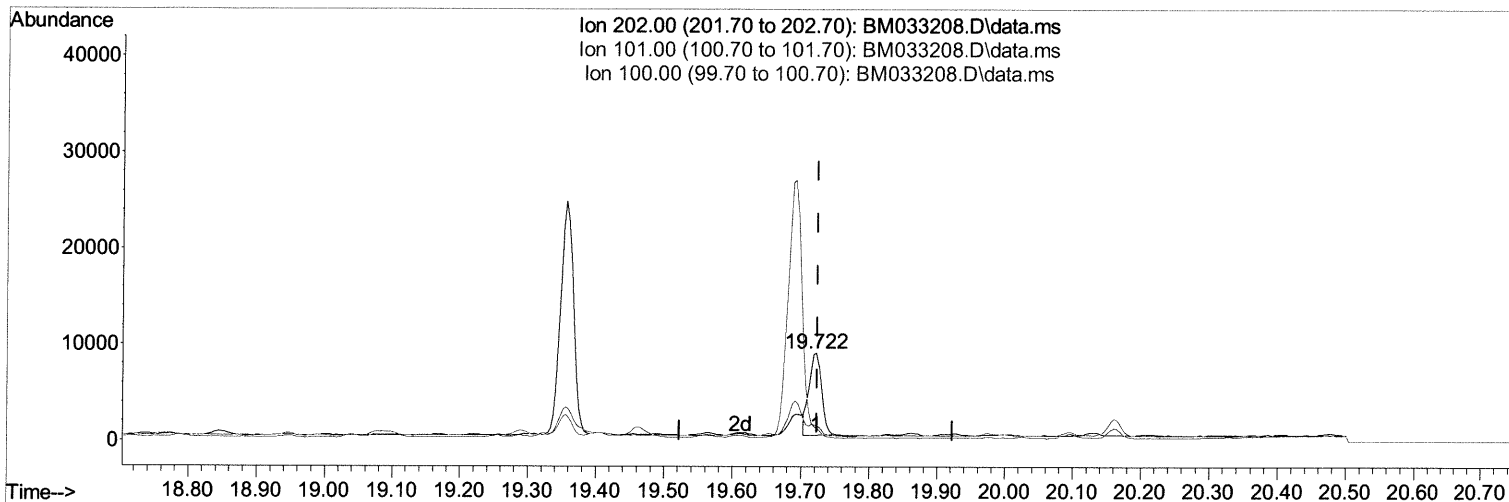
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TIC: BM033208.D\data.ms

(20) Pyrene

19.722min (-0.001) 0.16 ng/ul m 11/30/21 ju

response 10960

| Ion | Exp% | Act% |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.70 | 18.24# |
| 100.00 | 11.90 | 14.54# |
| 0.00 | 0.00 | 0.00 |

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 Operator : CG/JU
 Sample : M4725-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|------------|
| ----- | | | | | | |
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.960 | 152 | 4360 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.755 | 136 | 13556 | 0.40 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.575 | 164 | 9534 | 0.40 | ng/ul | # 0.00 |
| 13) Phenanthrene-d10 | 17.312 | 188 | 19831 | 0.40 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.467 | 240 | 14748 | 0.40 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.802 | 264 | 11526 | 0.40 | ng/ul | 0.00 |
| | | | | | | |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.410 | 96 | 19310 | 4.71 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 12.333 | 152 | 7590 | 0.40 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.326 | 212 | 23472 | 0.55 | ng/ul | 0.00 |
| | | | | | | |
| Target Compounds | | | | Qvalue | | |
| 2) 1,4-Dioxane | 3.448 | 88 | 348 | 0.08 | ng/ul# | 6 |
| 5) Naphthalene | 10.804 | 128 | 2836 | 0.07 | ng/ul# | 73 |
| 8) 1-Methylnaphthalene | 12.626 | 142 | 1827 | 0.07 | ng/ul | 97 |
| 10) Acenaphthylene | 14.298 | 152 | 11891 | 0.27 | ng/ul# | 94 |
| 11) Acenaphthene | 14.640 | 153 | 605696 | 16.57 | ng/ul | 98 |
| 12) Fluorene | 15.622 | 166 | 527980 | 12.80 | ng/ul | 98 |
| 15) Phenanthrene | 17.354 | 178 | 10437m > | 0.15 | ng/ul > | 11/30/21JU |
| 16) Anthracene | 17.444 | 178 | 50501 | 0.87 | ng/ul | 97 |
| 19) Fluoranthene | 19.356 | 202 | 32504 | 0.46 | ng/ul | 96 |
| 20) Pyrene | 19.722 | 202 | 10960m > | 0.16 | ng/ul > | 11/30/21JU |
| ----- | | | | | | |

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