

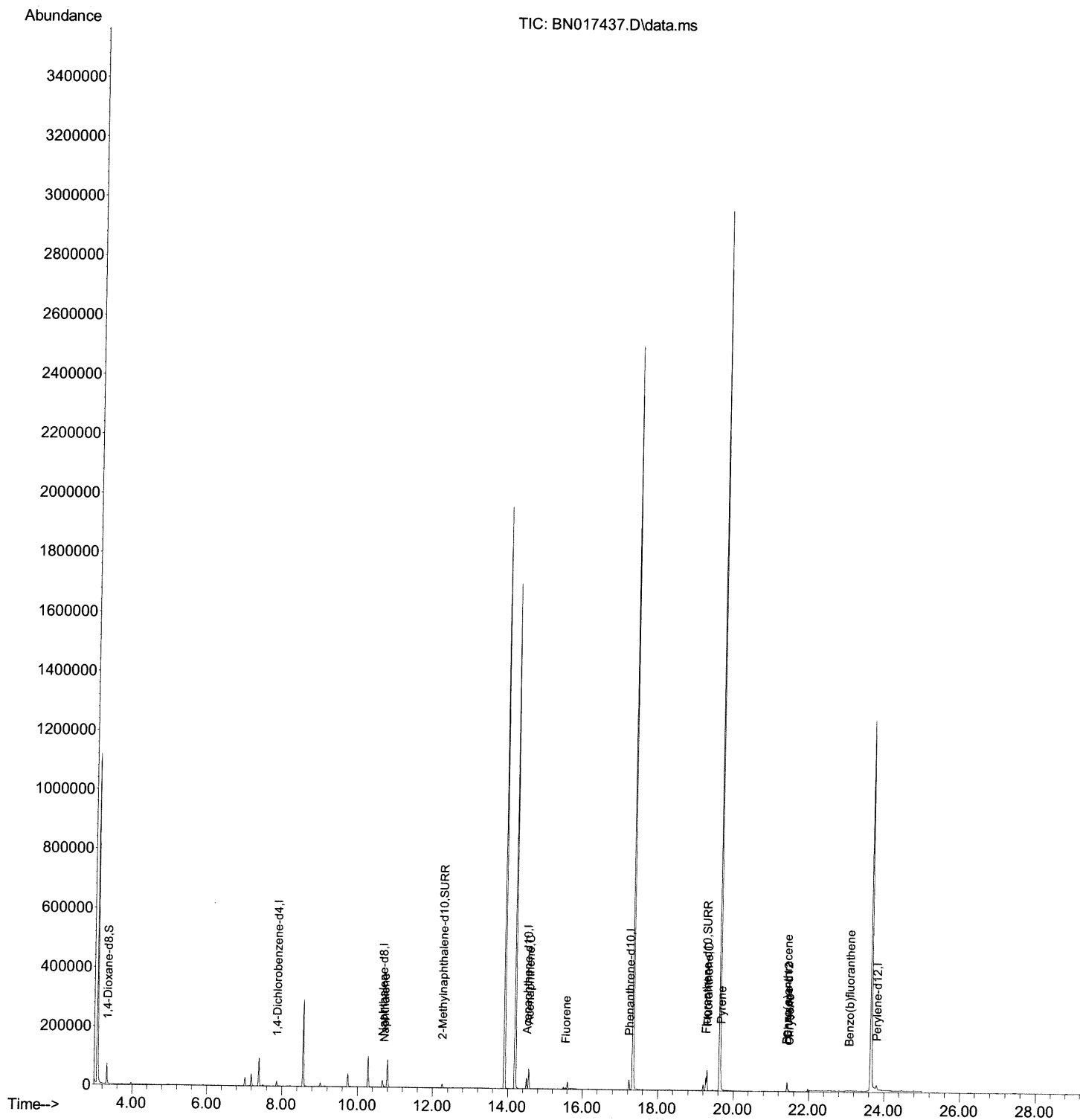
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
Data File : BN017437.D
Acq On : 14 Nov 2021 20:11
Operator : CG/JU
Sample : M4522-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG326

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 05:03:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 02:31:43 2021
Response via : Initial Calibration



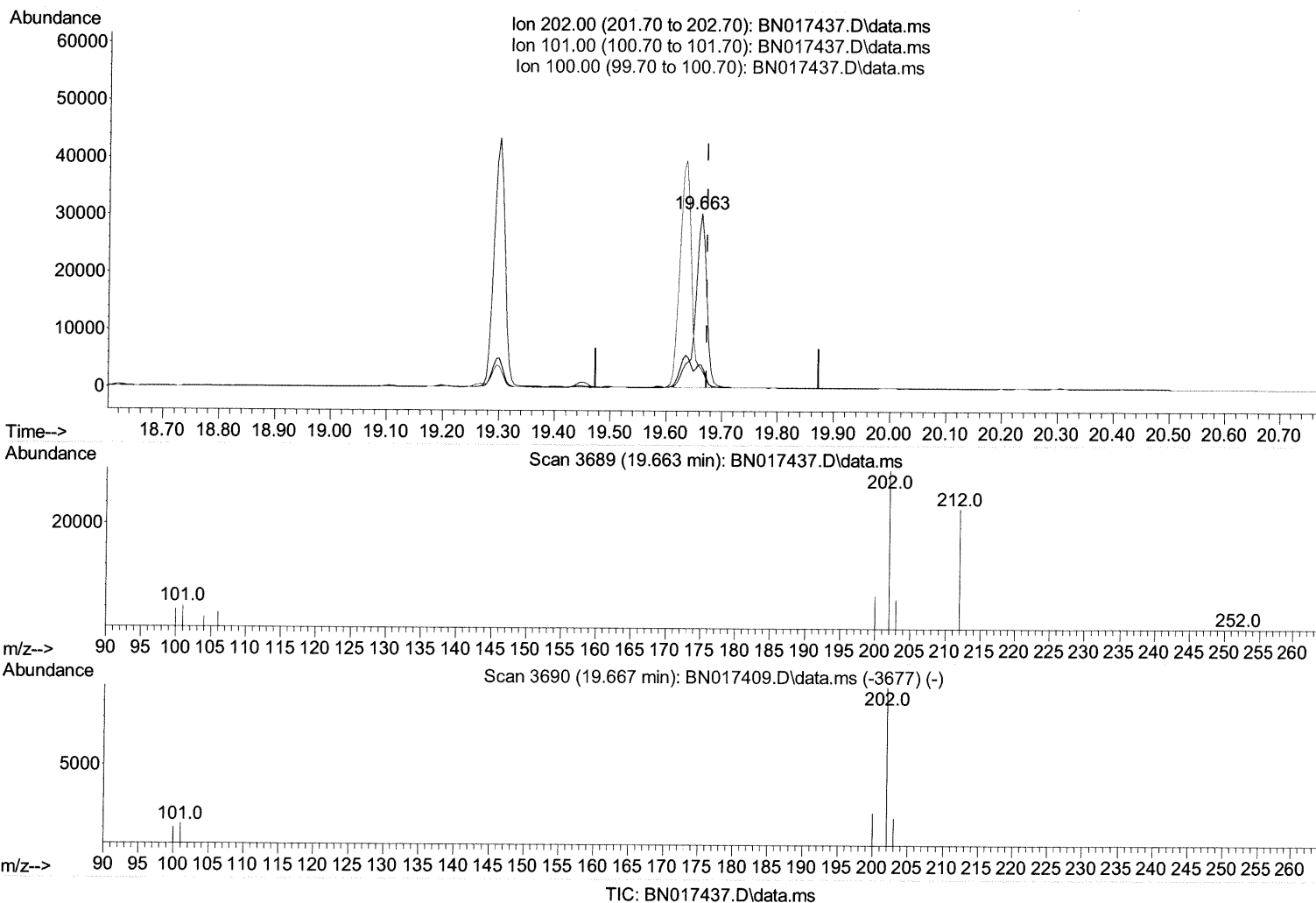
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(20) Pyrene

19.663min (-0.010) 0.35 ng/ul

response 43399

| Ion | Exp% | Act% |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.30 | 13.49 |
| 100.00 | 11.70 | 11.36 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

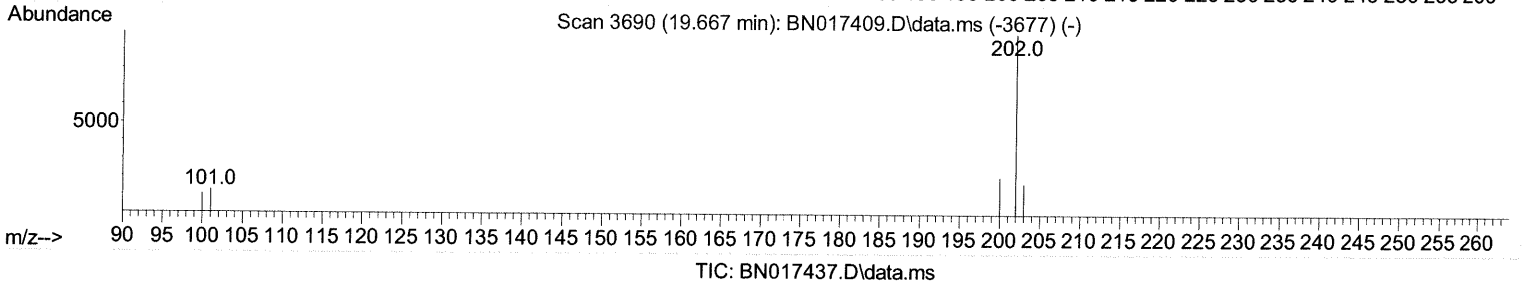
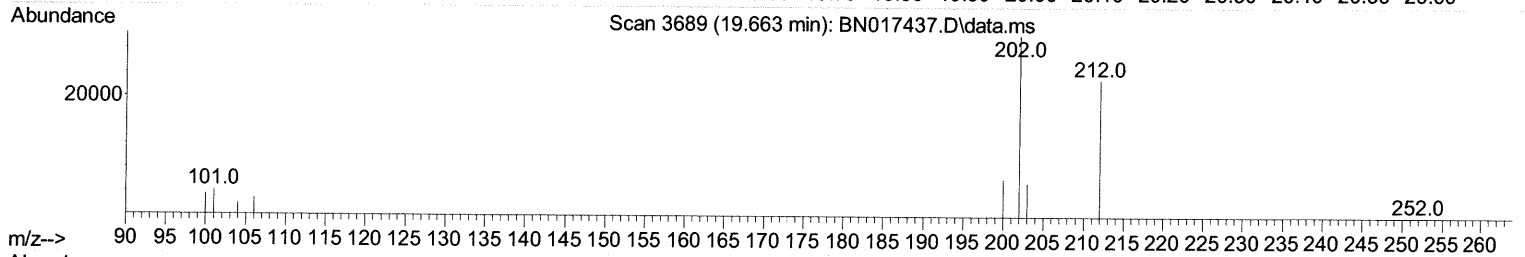
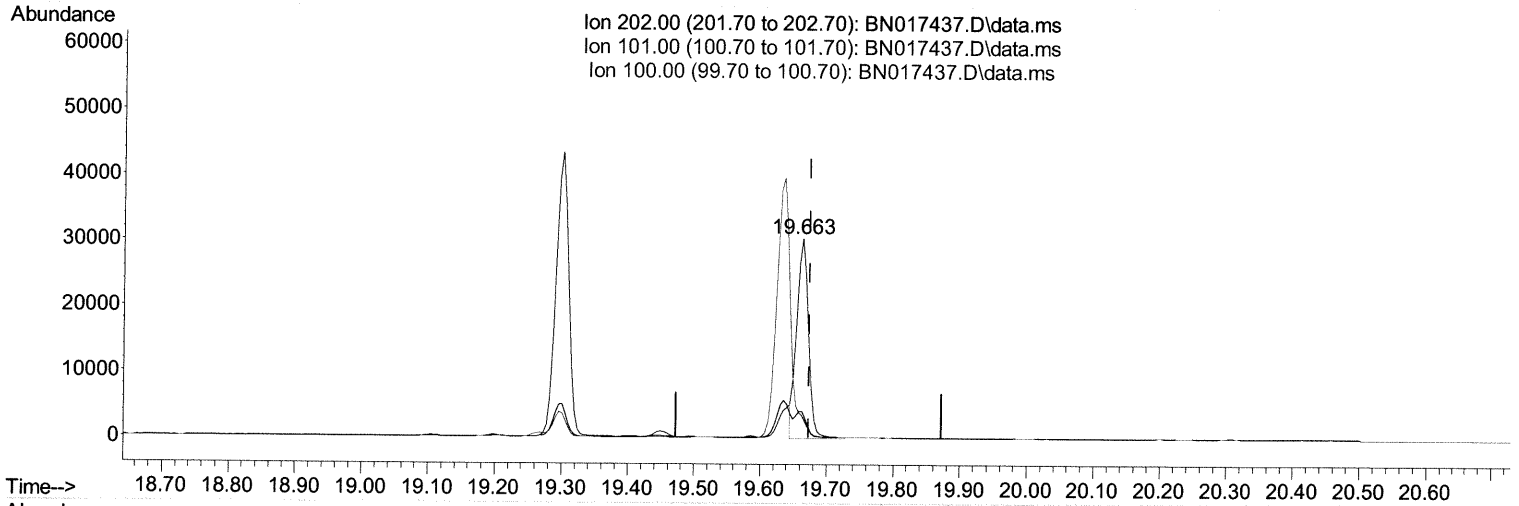
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TIC: BN017437.D\data.ms

(20) Pyrene

19.663min (-0.010) 0.30 ng/ul m 11/17/21 JU

response 38255

| Ion | Exp% | Act% |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.30 | 13.49 |
| 100.00 | 11.70 | 11.36 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

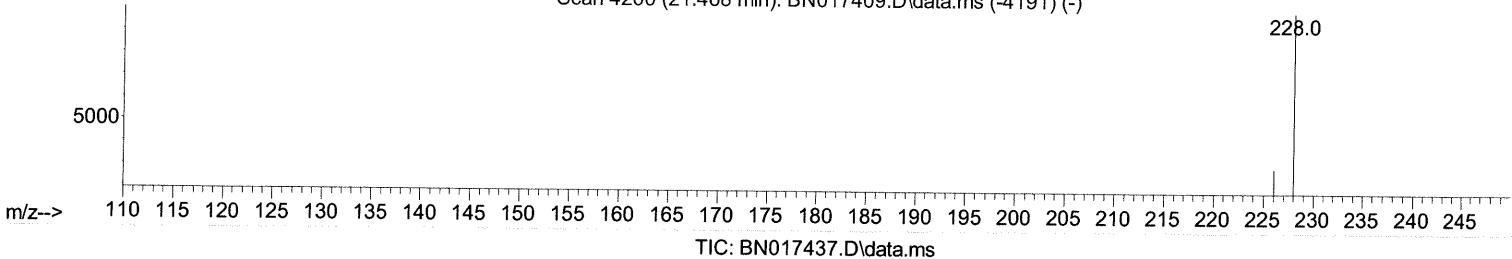
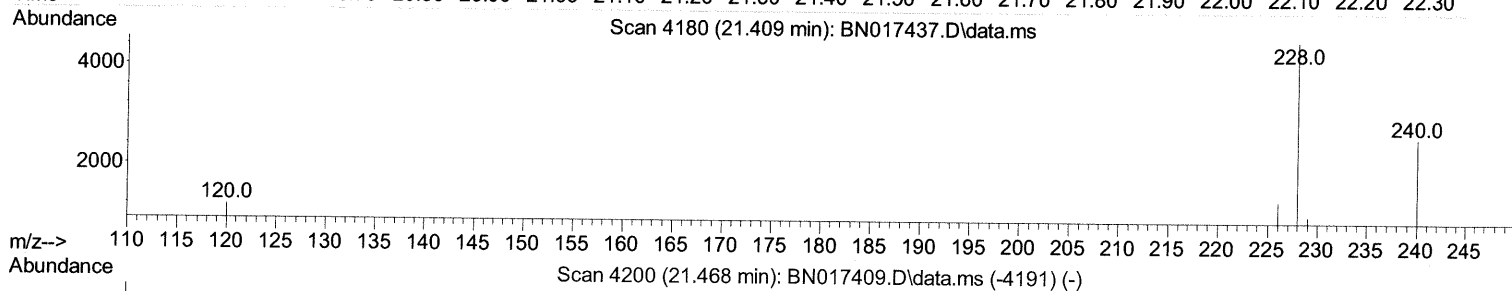
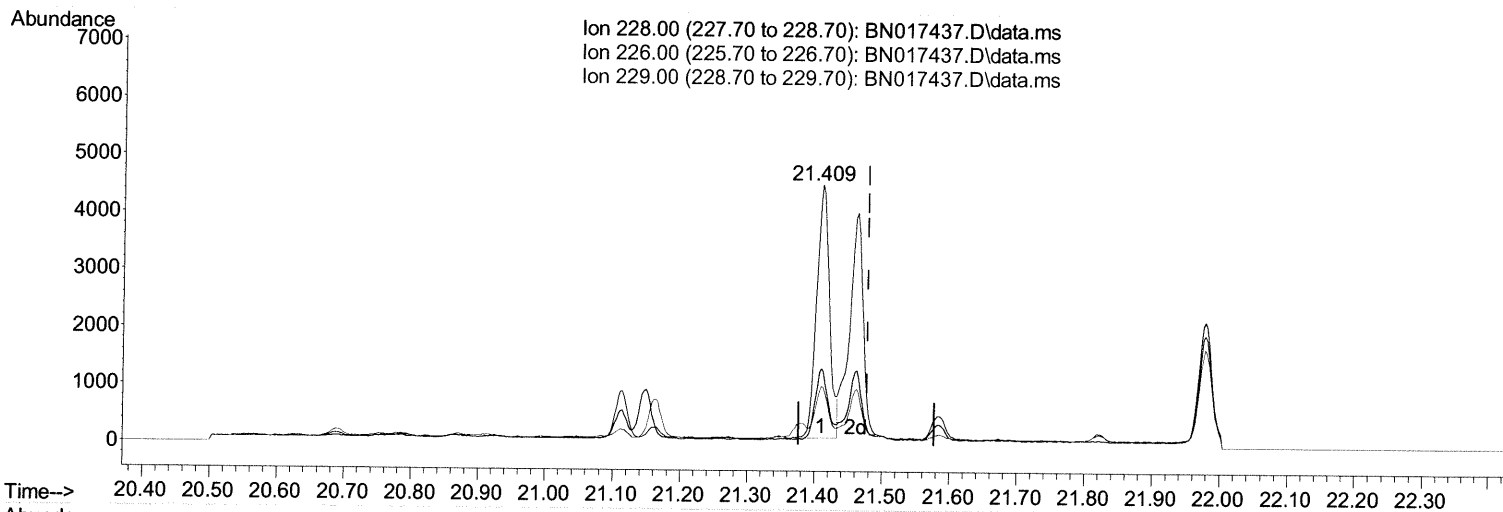
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(22) Chrysene

21.409min (-0.068) 0.06 ng/ul

response 5808

| Ion | Exp% | Act% |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.90 | 29.35 |
| 229.00 | 19.60 | 22.61 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

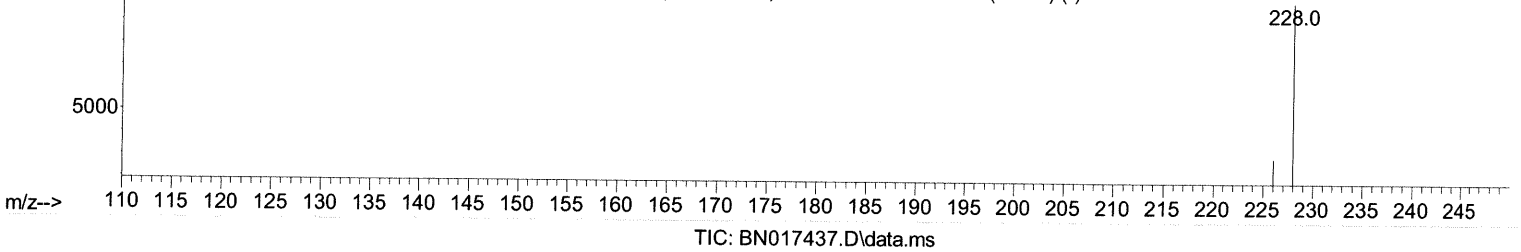
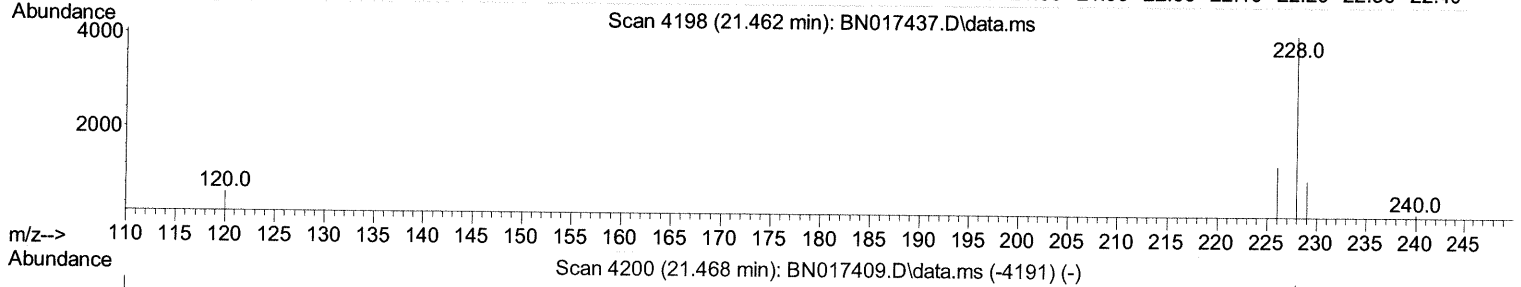
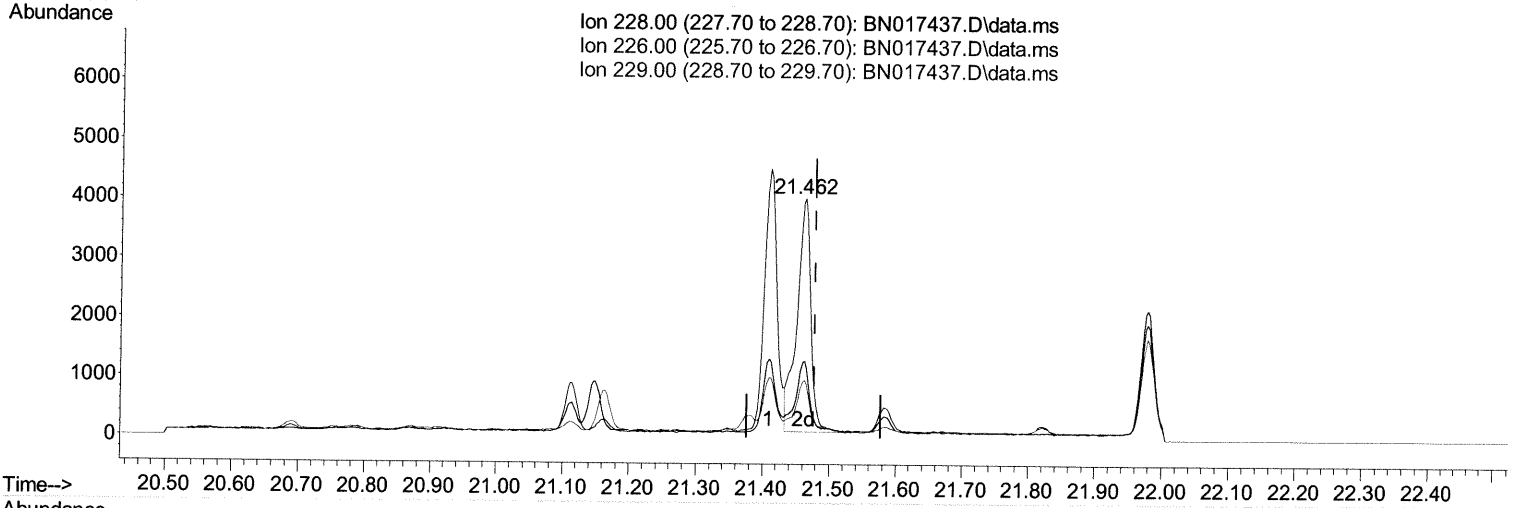
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 Sample : M4522-13
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021



(22) Chrysene

21.462min (-0.016) 0.06 ng/ul m

11/17/21 JU

response 5699

| Ion | Exp% | Act% |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.90 | 32.05 |
| 229.00 | 19.60 | 24.30# |
| 0.00 | 0.00 | 0.00 |

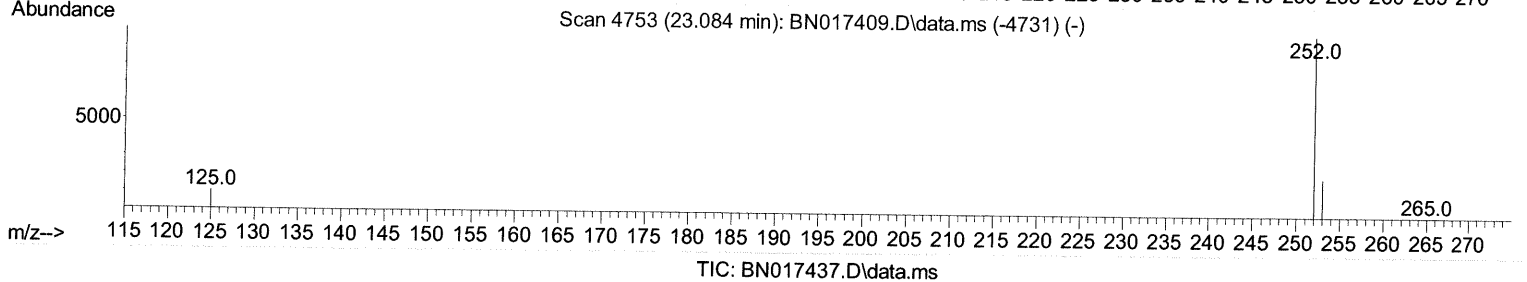
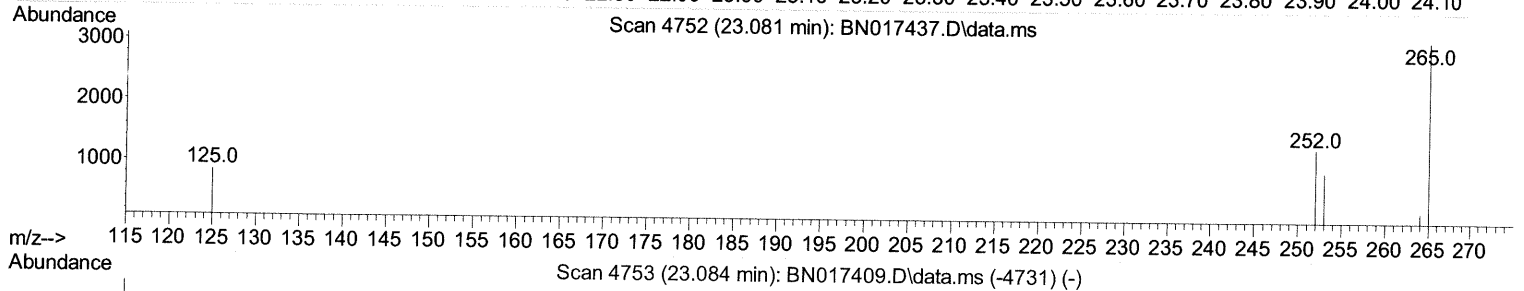
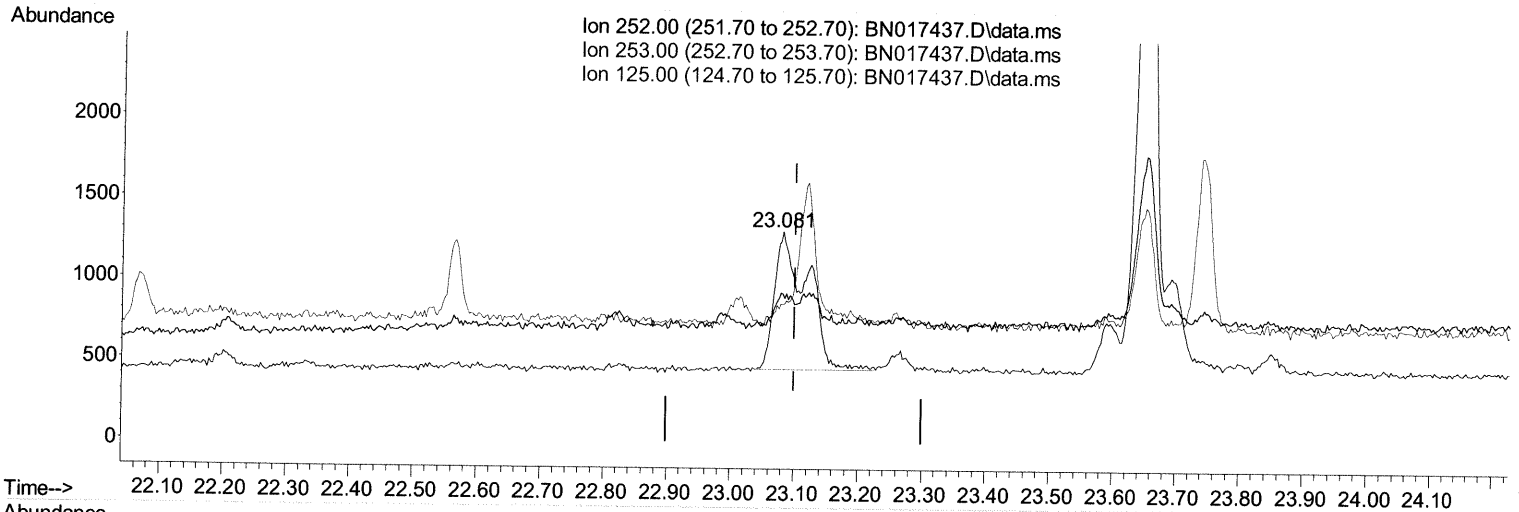
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Acq On : 14 Nov 2021 20:11
Operator : CG/JU
Sample : M4522-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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(24) Benzo(b) fluoranthene

23.081min (-0.019) 0.03 ng/u1

| | | |
|----------|--------|--------|
| response | 3107 | |
| Ion | Exp% | Act% |
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.80 | 70.42# |
| 125.00 | 19.50 | 65.67# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

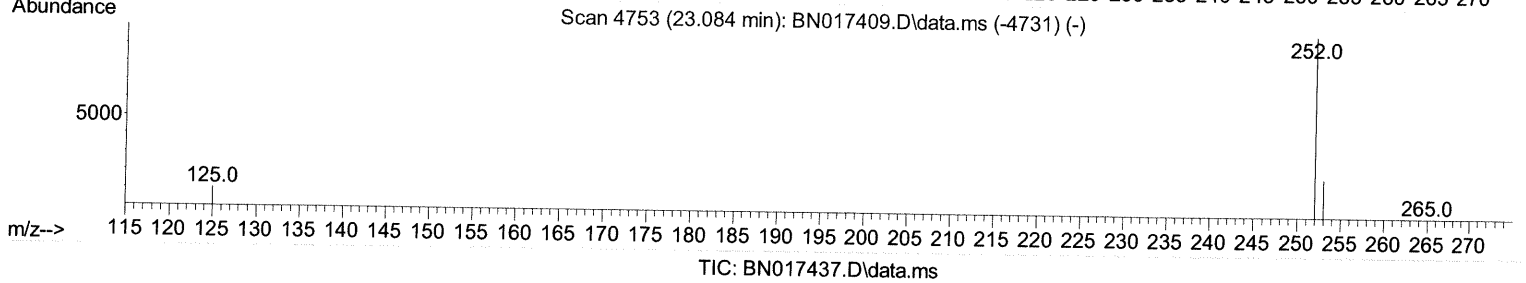
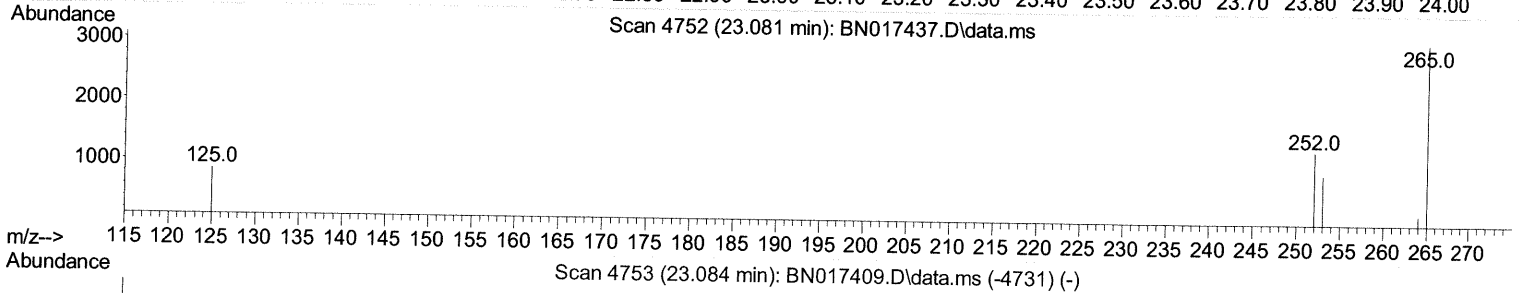
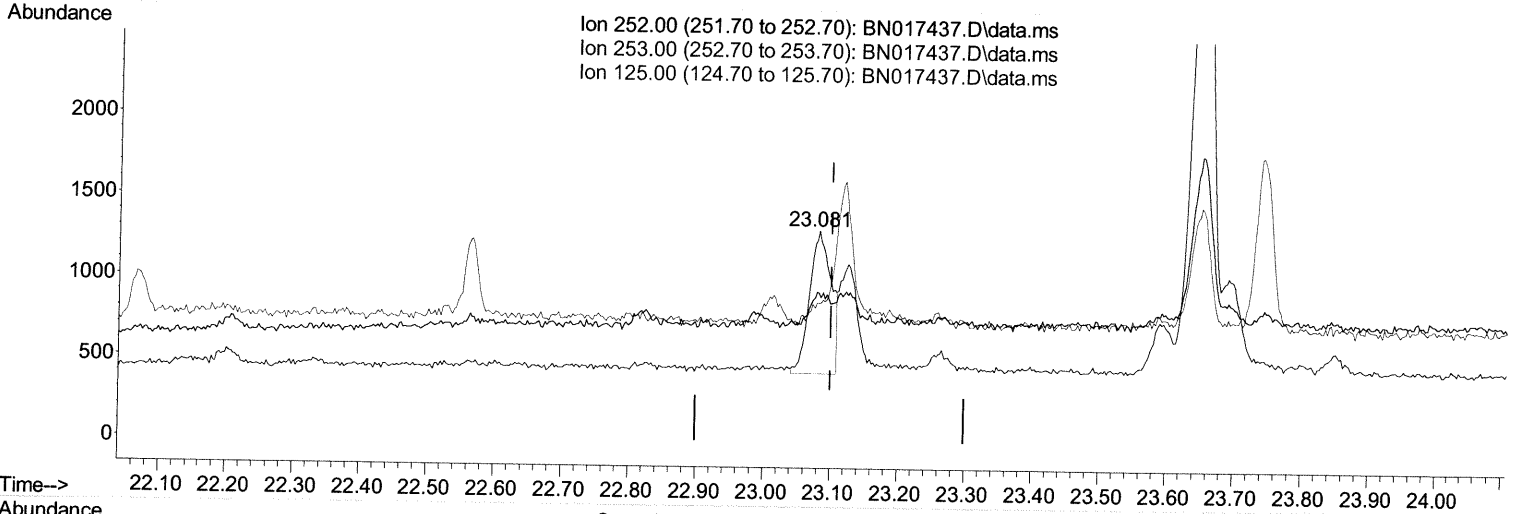
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 Operator : CG/JU
 Sample : M4522-13
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021



(24) Benzo(b)fluoranthene

23.081min (-0.019) 0.02 ng/ul m 11/17/21 JU

response 1964

| Ion | Exp% | Act% |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.80 | 70.42# |
| 125.00 | 19.50 | 65.67# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017437.D
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 Operator : CG/JU
 Sample : M4522-13
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG326

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|---------------|
| ----- | | | | | | |
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.868 | 152 | 8539 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.662 | 136 | 31395 | 0.400 | ng/ul | #-0.01 |
| 9) Acenaphthene-d10 | 14.498 | 164 | 19097 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 17.239 | 188 | 38339 | 0.400 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.427 | 240 | 26471 | 0.400 | ng/ul | #-0.01 |
| 23) Perylene-d12 | 23.800 | 264 | 23343 | 0.400 | ng/ul | #-0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.328 | 96 | 40925 | 4.369 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.251 | 152 | 16572 | 0.342 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.268 | 212 | 44707 | 0.470 | ng/ul | -0.01 |
| Target Compounds | | | | | | |
| | | | | | Qvalue | |
| 5) Naphthalene | 10.711 | 128 | 3750 | 0.043 | ng/ul | 96 |
| 11) Acenaphthene | 14.558 | 153 | 39076 | 0.596 | ng/ul | 98 |
| 12) Fluorene | 15.544 | 166 | 2830 | 0.036 | ng/ul# | 95 |
| 19) Fluoranthene | 19.300 | 202 | 58311 | 0.475 | ng/ul | 99 |
| 20) Pyrene | 19.663 | 202 | 38255m | 0.305 | ng/ul | > 11/17/21 JU |
| 21) Benzo(a)anthracene | 21.409 | 228 | 5857 | 0.059 | ng/ul | 95 |
| 22) Chrysene | 21.462 | 228 | 5699m | 0.058 | ng/ul | > |
| 24) Benzo(b)fluoranthene | 23.081 | 252 | 1964m | 0.021 | ng/ul | > 11/17/21 JU |
| ----- | | | | | | |

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