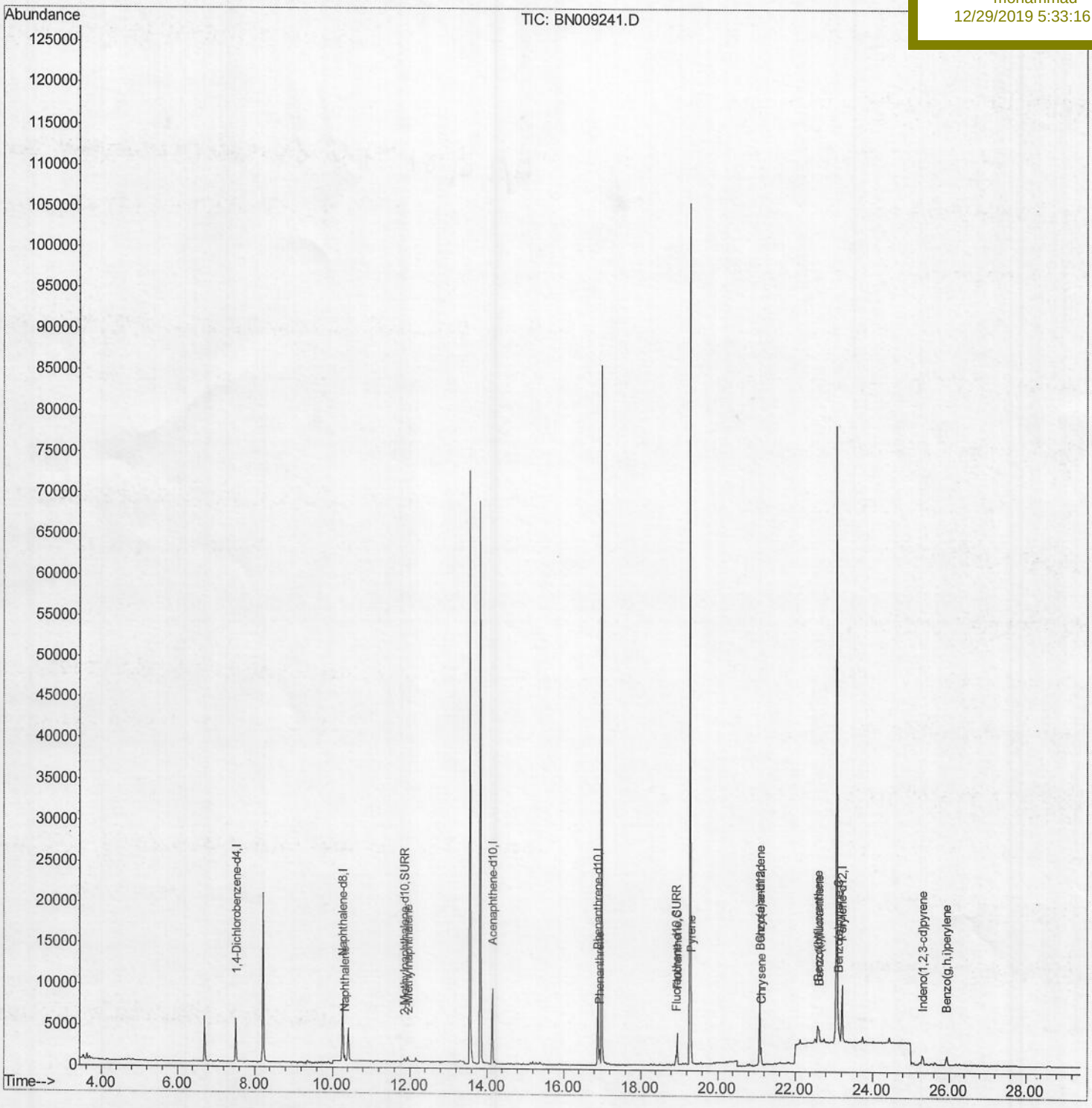
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009241.D
Acq On : 28 Dec 2019 22:52
Operator : JU
Sample : K6278-16DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 29 05:45:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0C69DL

**Manual Integrations APPROVED**
mohammad
12/29/2019 5:33:16 PM



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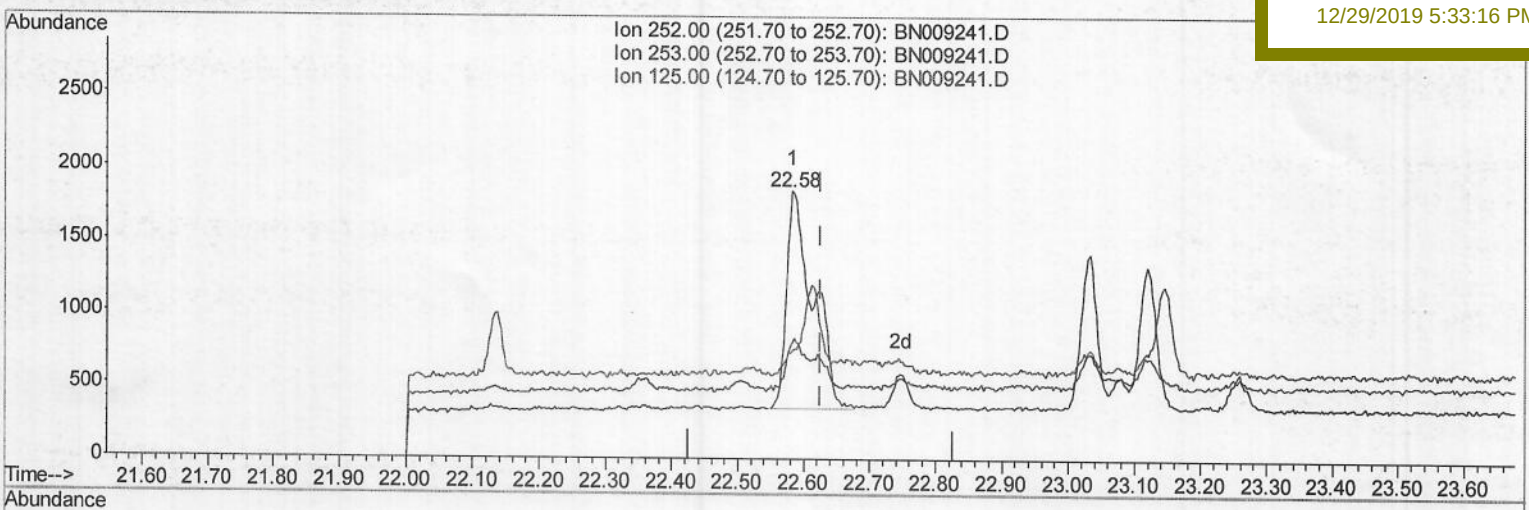


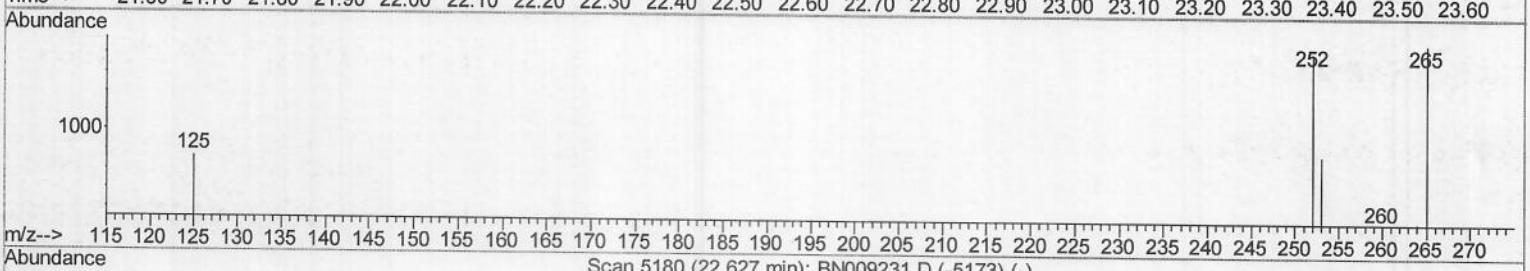


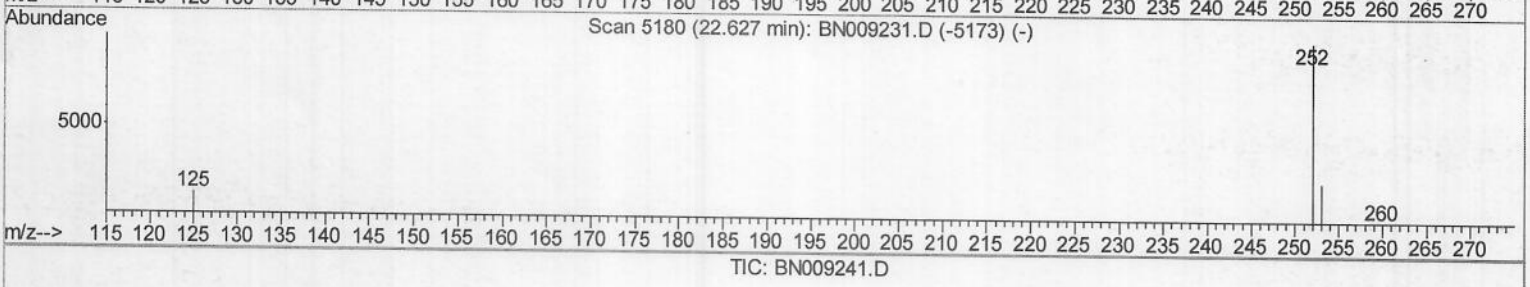


TIC: BN009241.D

(22) Benzo(k)fluoranthene

22.583min (-0.044) 0.11ng/ul

response 4203

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.20 | 43.04# |
| 125.00 | 15.50 | 40.00# |
| 0.00 | 0.00 | 0.00 |

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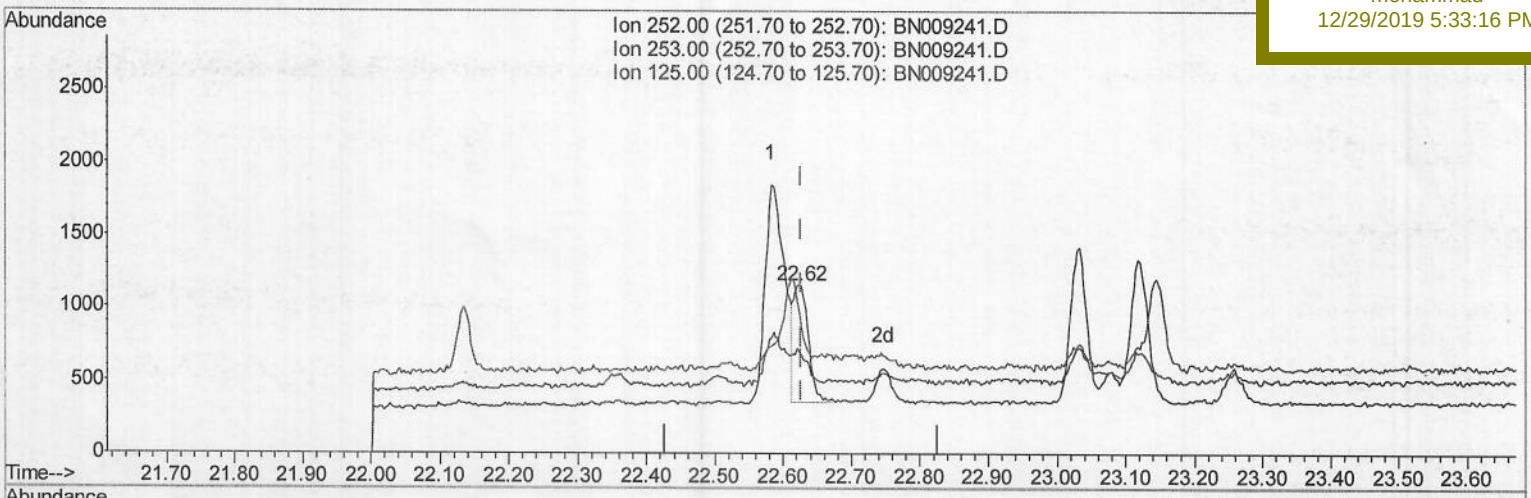
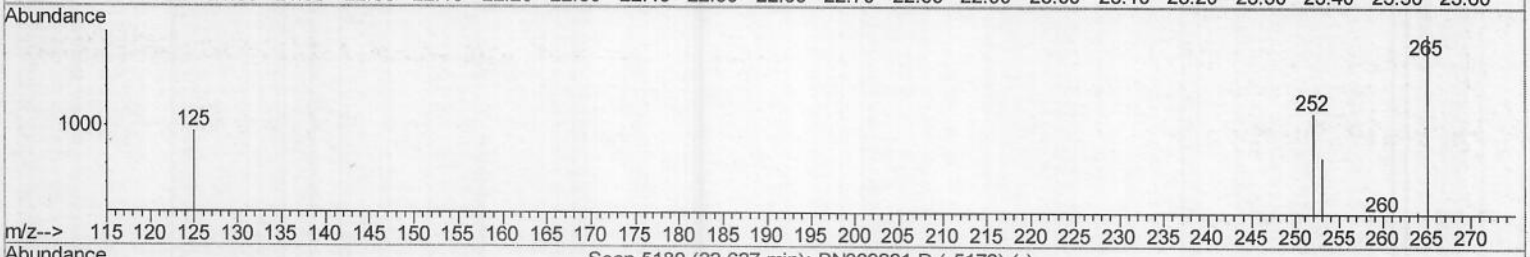
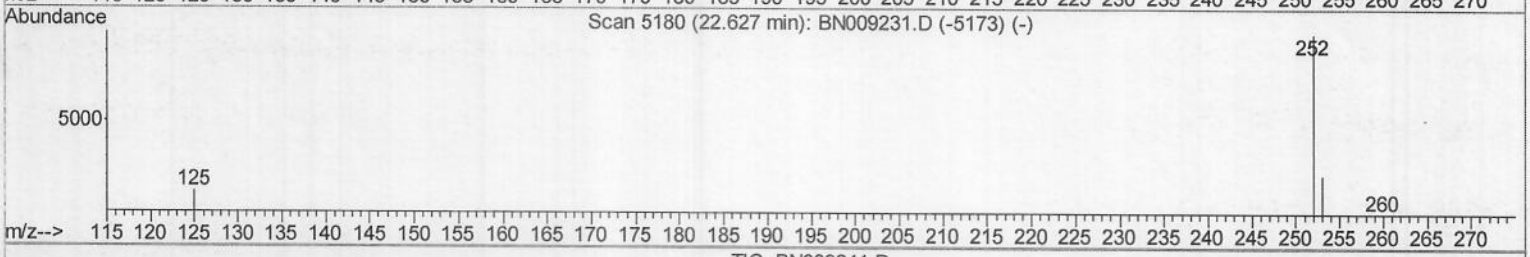
mohammad
12/29/2019 5:33:16 PM




TIC: BN009241.D

(22) Benzo(k)fluoranthene

22.624min (-0.003) 0.03ng/ul m > JU 12/30/19

response 1207

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.20 | 60.16# |
| 125.00 | 15.50 | 82.38# |
| 0.00 | 0.00 | 0.00 |

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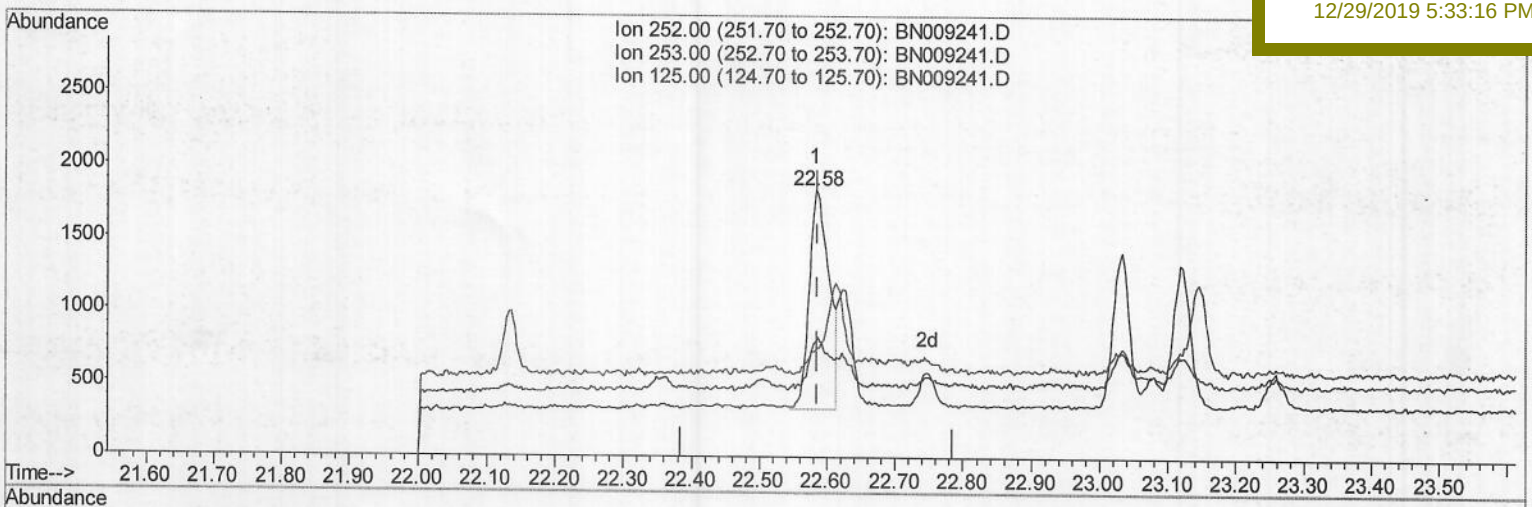
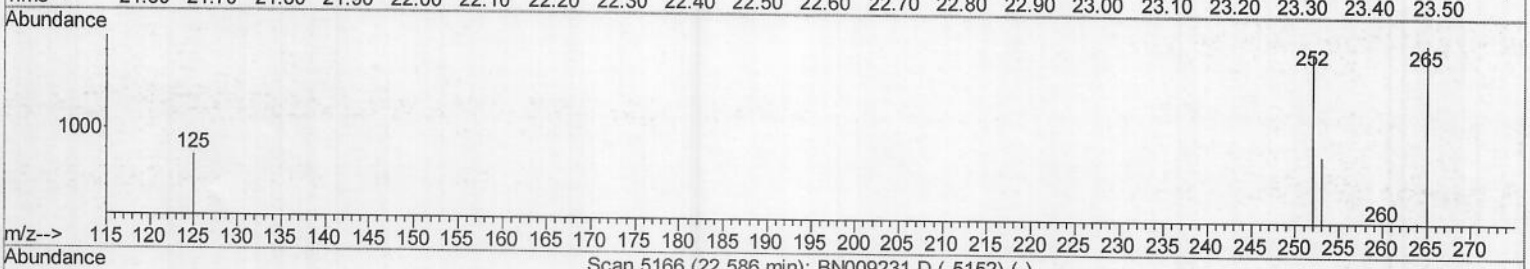
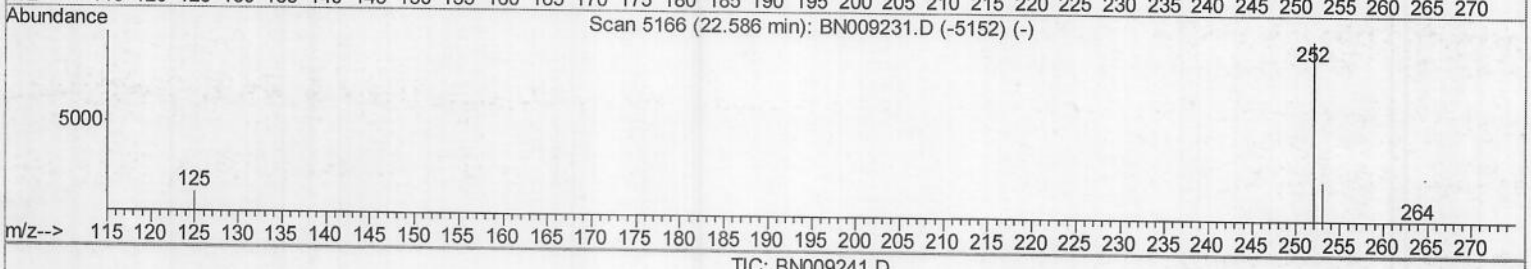
**Manual Integrations APPROVED**
mohammad
12/29/2019 5:33:16 PM




TIC: BN009241.D

(21) Benzo(b)fluoranthene

22.583min (-0.003) 0.08ng/ul m > JU 12/30/19

response 3025

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.10 | 43.04 |
| 125.00 | 15.00 | 40.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Manual Integrations APPROVED**
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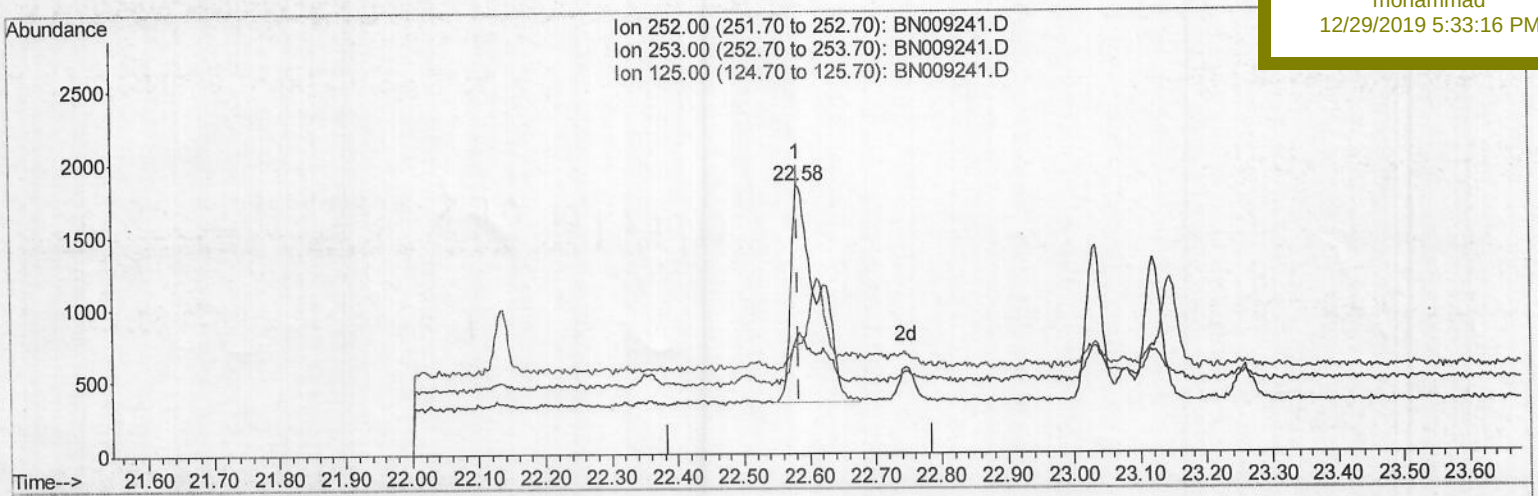
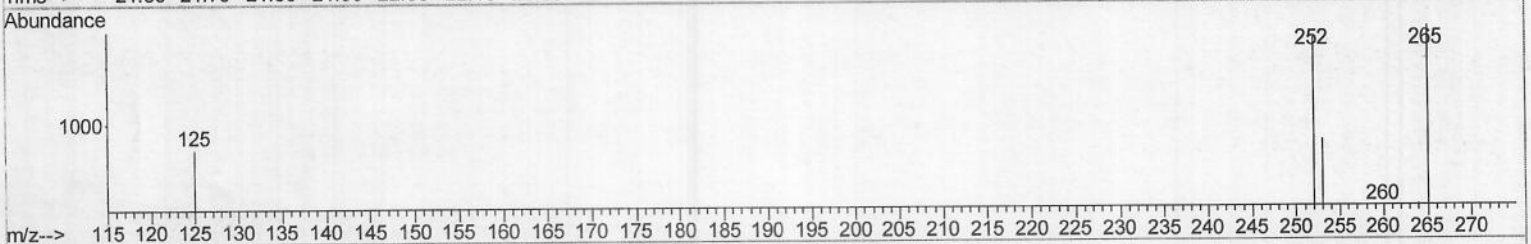
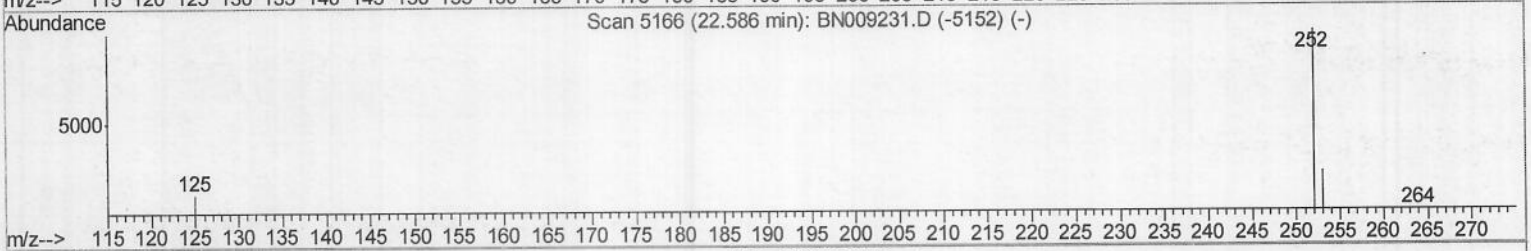
12/29/2019 5:33:16 PM




TIC: BN009241.D

(21) Benzo(b)fluoranthene

22.583min (-0.003) 0.11ng/ul

response 4203

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.10 | 43.04 |
| 125.00 | 15.00 | 40.00# |
| 0.00 | 0.00 | 0.00 |

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**Manual Integrations APPROVED**
mohammad
12/29/2019 5:33:16 PM

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 2627 | 0.40 ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.26 | 136 | 9377 | 0.40 ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.14 | 164 | 4842 | 0.40 ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.89 | 188 | 9717 | 0.40 ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.09 | 240 | 7653 | 0.40 ng/ul | 0.00 |
| 20) Perylene-d12 | 23.21 | 264 | 8017 | 0.40 ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.86 | 152 | 604 | 0.04 ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.92 | 212 | 1213 | 0.04 ng/ul | 0.00 |
| **Target Compounds** | | | | | Qvalue |
| 3) Naphthalene | 10.31 | 128 | 928 | 0.033 ng/ul# | 82 |
| 5) 2-Methylnaphthalene | 11.94 | 142 | 530 | 0.025 ng/ul | 98 |
| 12) Phenanthrene | 16.93 | 178 | 2091 | 0.062 ng/ul# | 93 |
| 15) Fluoranthene | 18.95 | 202 | 3251 | 0.084 ng/ul | 94 |
| 17) Pyrene | 19.32 | 202 | 3119 | 0.080 ng/ul# | 94 |
| 18) Benzo(a)anthracene | 21.07 | 228 | 1620 | 0.048 ng/ul# | 82 |
| 19) Chrysene | 21.12 | 228 | 2178 | 0.064 ng/ul# | 85 |
| 21) Benzo(b)fluoranthene | 22.58 | 252 | 3025m | 0.081 ng/ul | |
| 22) Benzo(k)fluoranthene | 22.62 | 252 | 1207m | 0.032 ng/ul | |
| 23) Benzo(a)pyrene | 23.12 | 252 | 1759 | 0.054 ng/ul# | 32 |
| 24) Indeno(1,2,3-cd)pyrene | 25.31 | 276 | 1597 | 0.045 ng/ul | 91 |
| 26) Benzo(g,h,i)perylene | 25.94 | 276 | 2032 | 0.068 ng/ul# | 75 |

JU 12/30/19

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