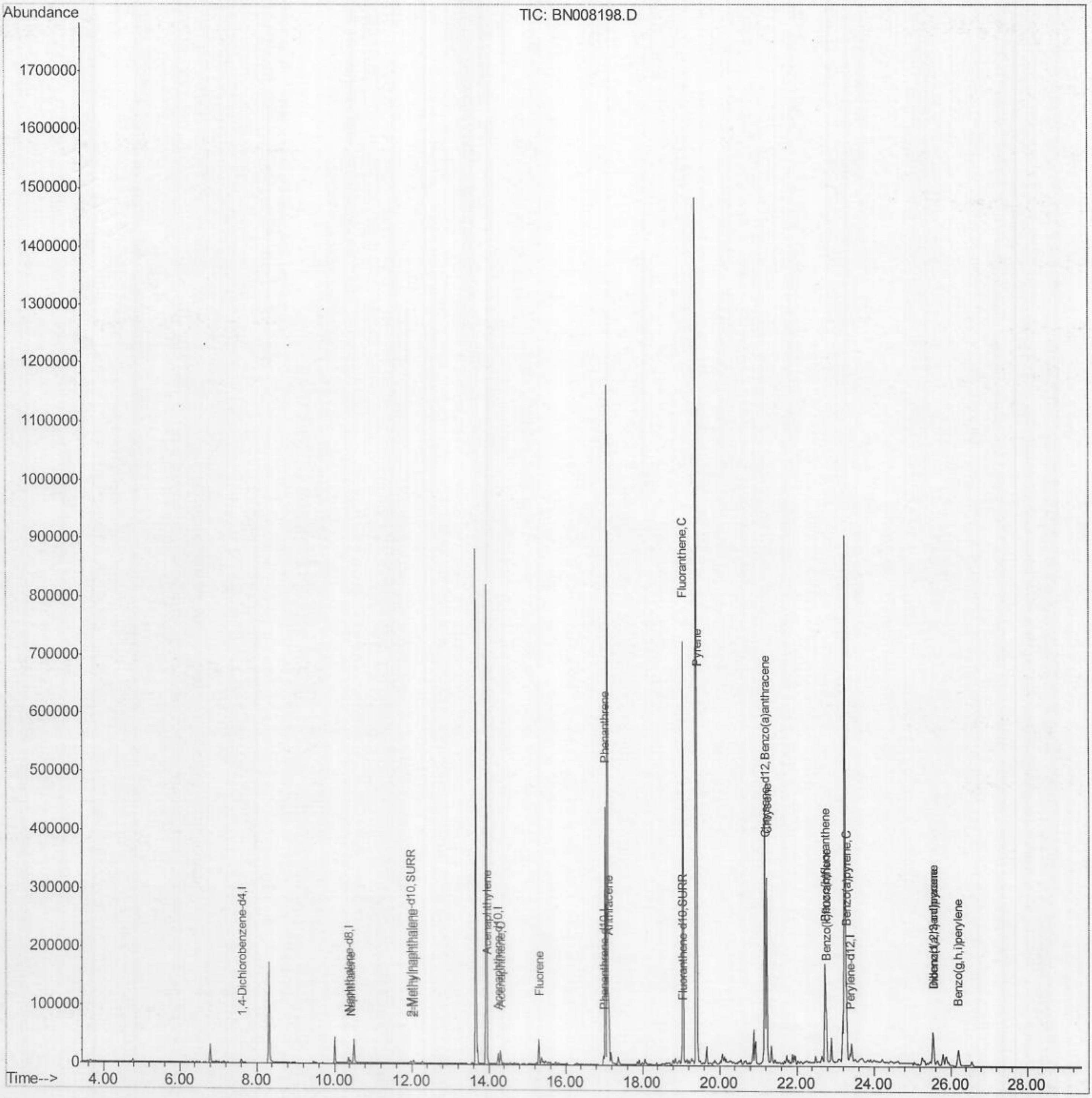
Quantitation Report (QT Reviewed)

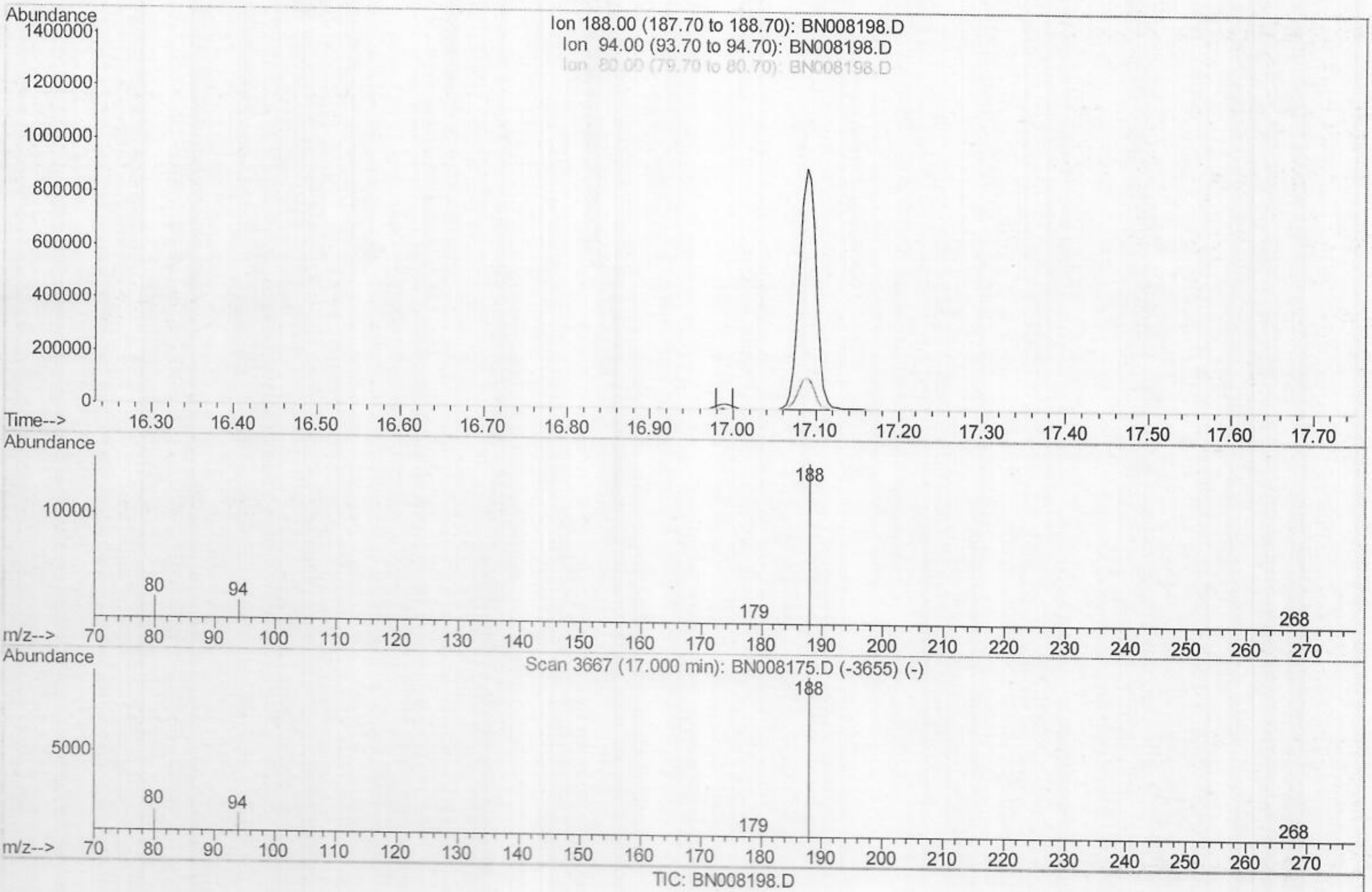
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008198.D
Acq On : 16 Oct 2019 14:53
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 16 18:13:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008198.D
Acq On : 16 Oct 2019 14:53
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 16 18:11:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration




(10) Phenanthrene-d10 (I)

16.991min (-16.991) 0.00ng/ul

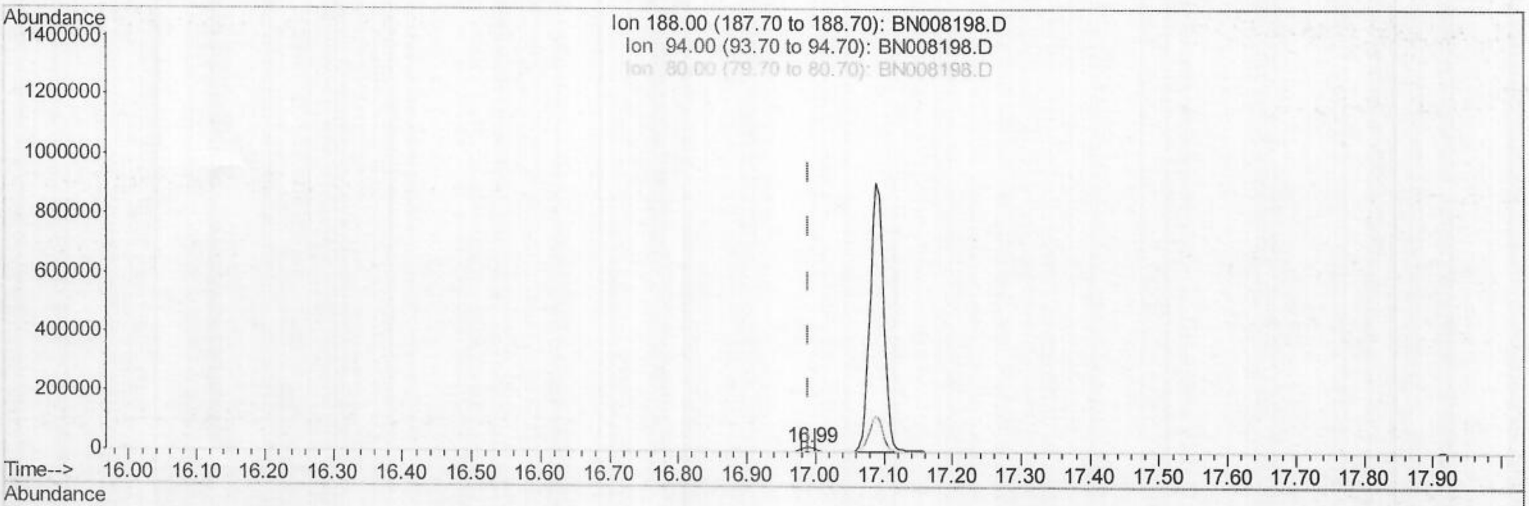
response 0

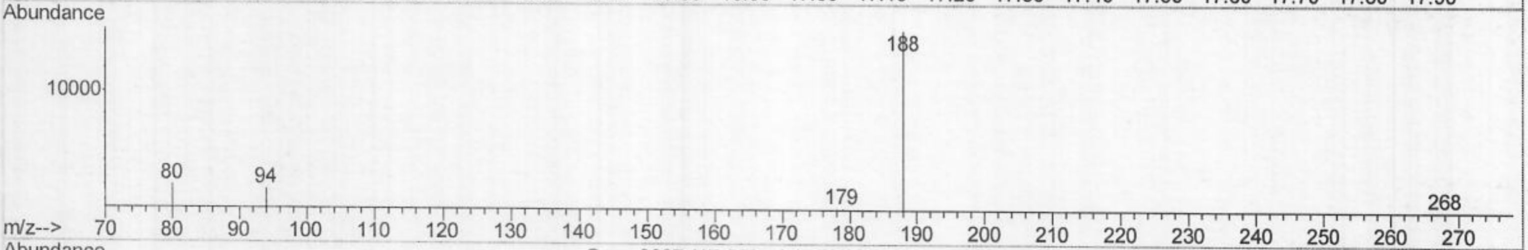
| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 0.00 |
| 94.00 | 10.90 | 0.00# |
| 80.00 | 12.60 | 0.00# |
| 0.00 | 0.00 | 0.00 |

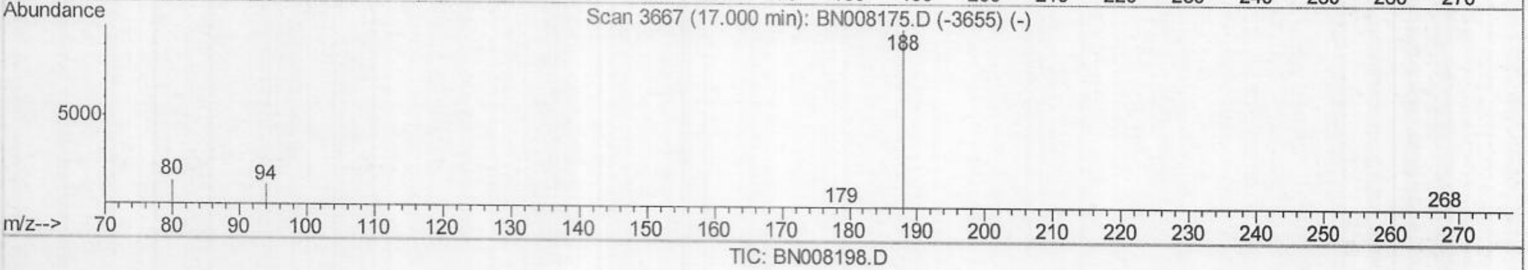
Quantitation Report (Qedit)

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008198.D
Acq On    : 16 Oct 2019  14:53
Operator  : JU
Sample    : K5175-21
Misc      :
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Oct 16 18:11:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration
```




TIC: BN008198.D

(10) Phenanthrene-d10 (I)

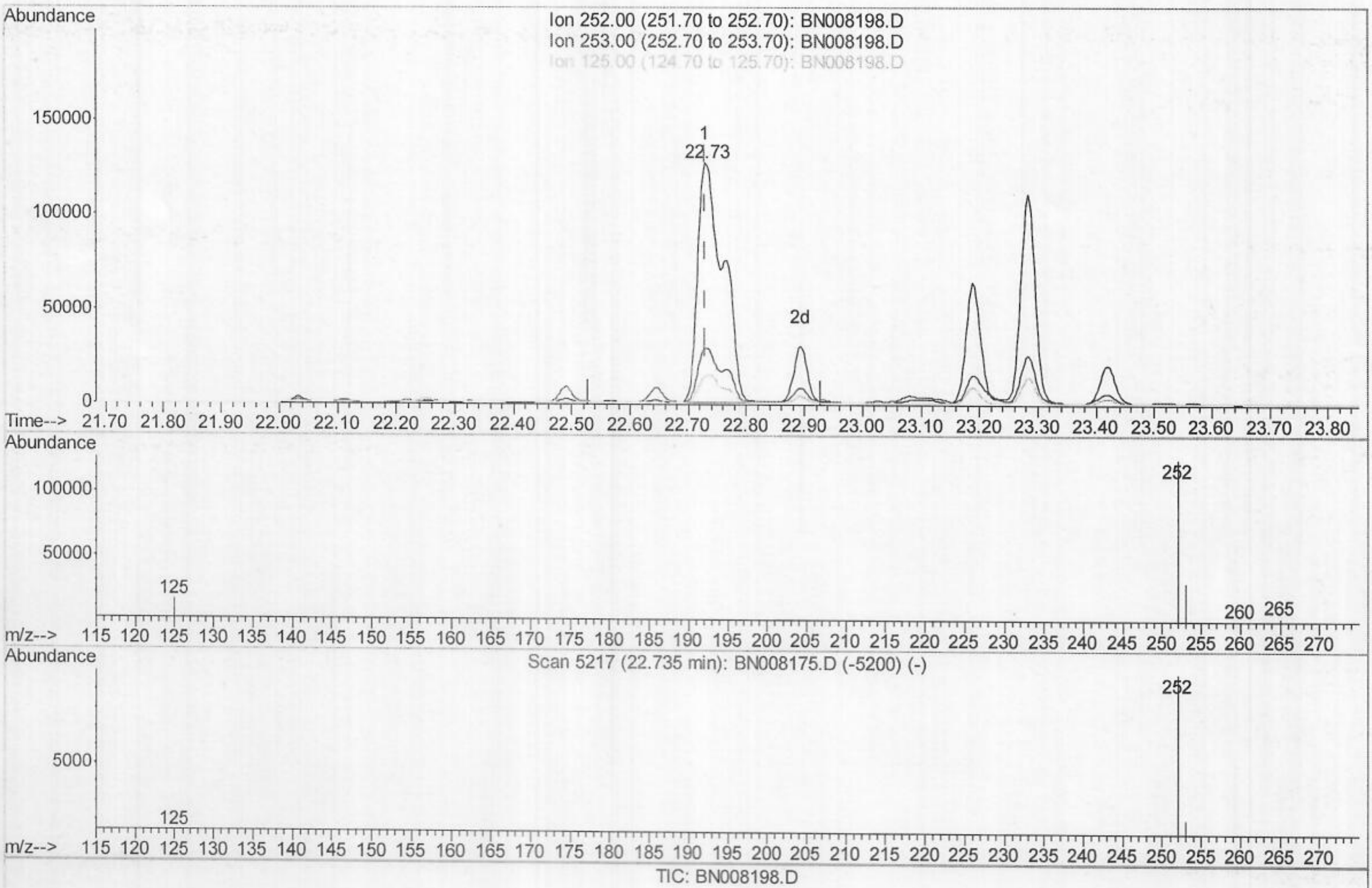
16.992min (+0.001) 0.40ng/ul m JU 10/19/19

response 20561

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 10.90 | 11.05 |
| 80.00 | 12.60 | 13.22 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008198.D
Acq On : 16 Oct 2019 14:53
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 16 18:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration




TIC: BN008198.D

(21) Benzo(b)fluoranthene

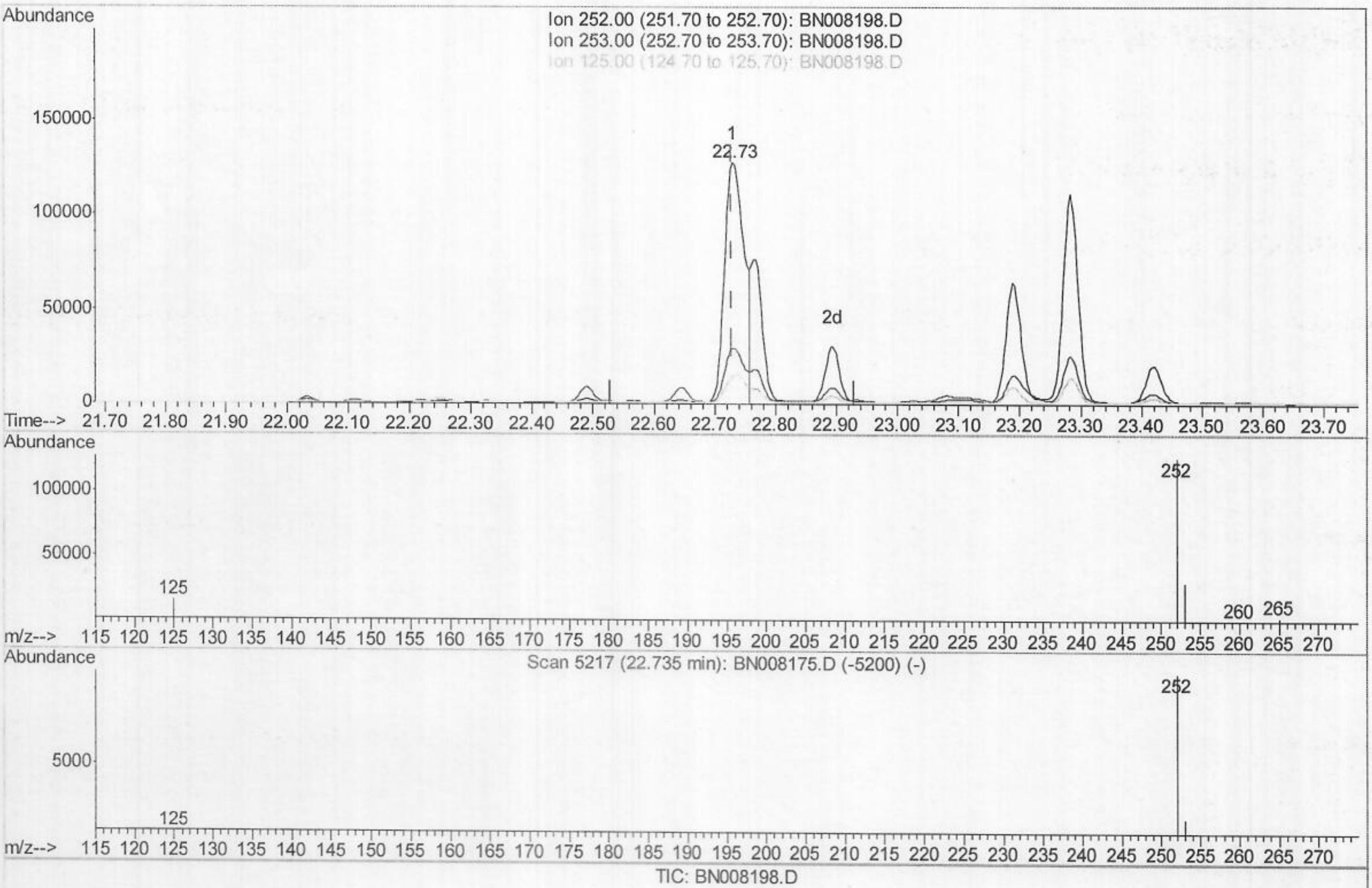
22.730min (+0.000) 7.50ng/ul

response 384114

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.70 | 23.27 |
| 125.00 | 16.20 | 11.61 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008198.D
Acq On : 16 Oct 2019 14:53
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 16 18:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration




TIC: BN008198.D

(21) Benzo(b)fluoranthene

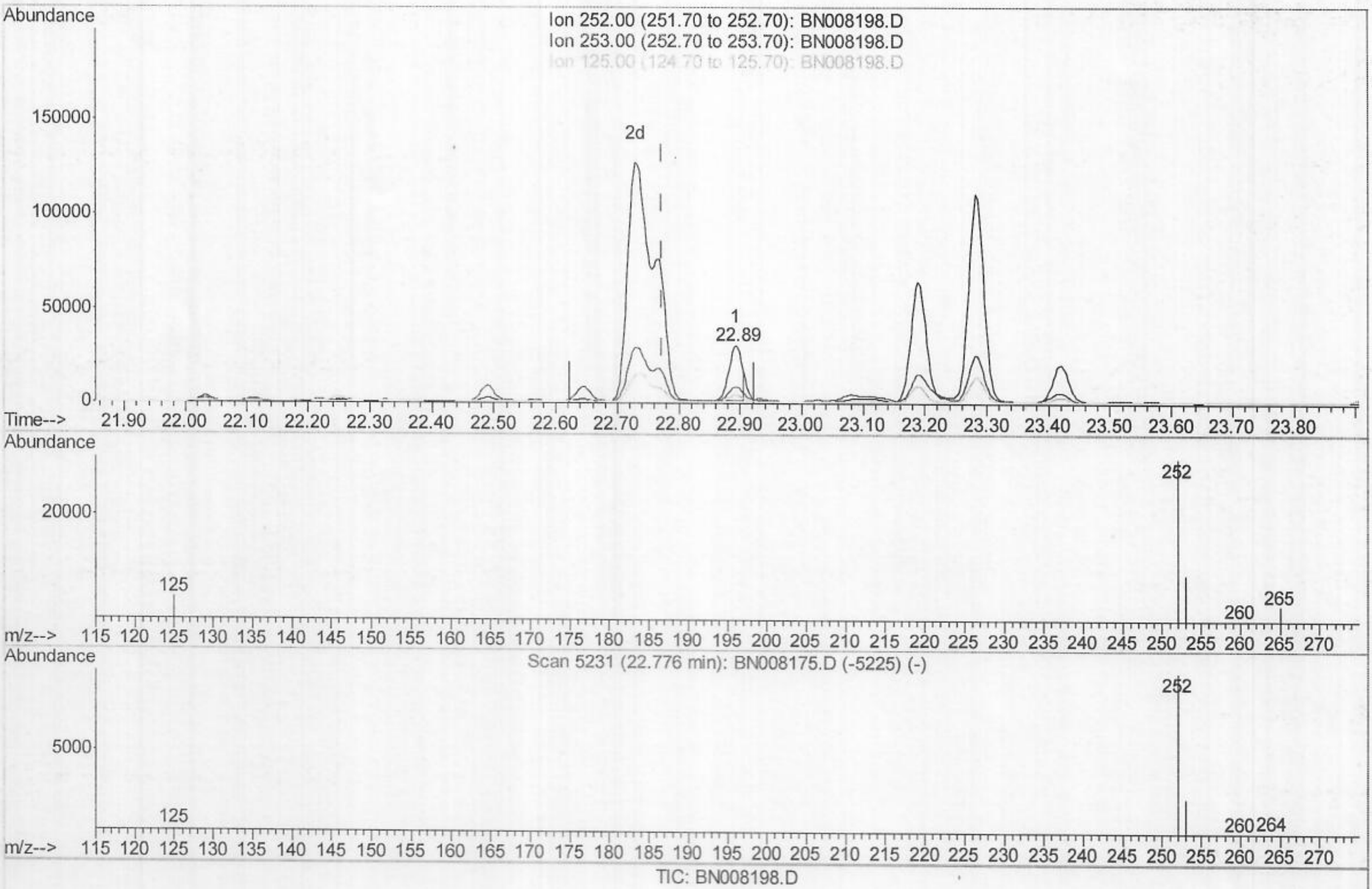
22.730min (+0.000) 5.51ng/ul m JU 10/19/19

response 281919

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.70 | 23.27 |
| 125.00 | 16.20 | 11.61 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008198.D
Acq On : 16 Oct 2019 14:53
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 16 18:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration




(22) Benzo(k)fluoranthene

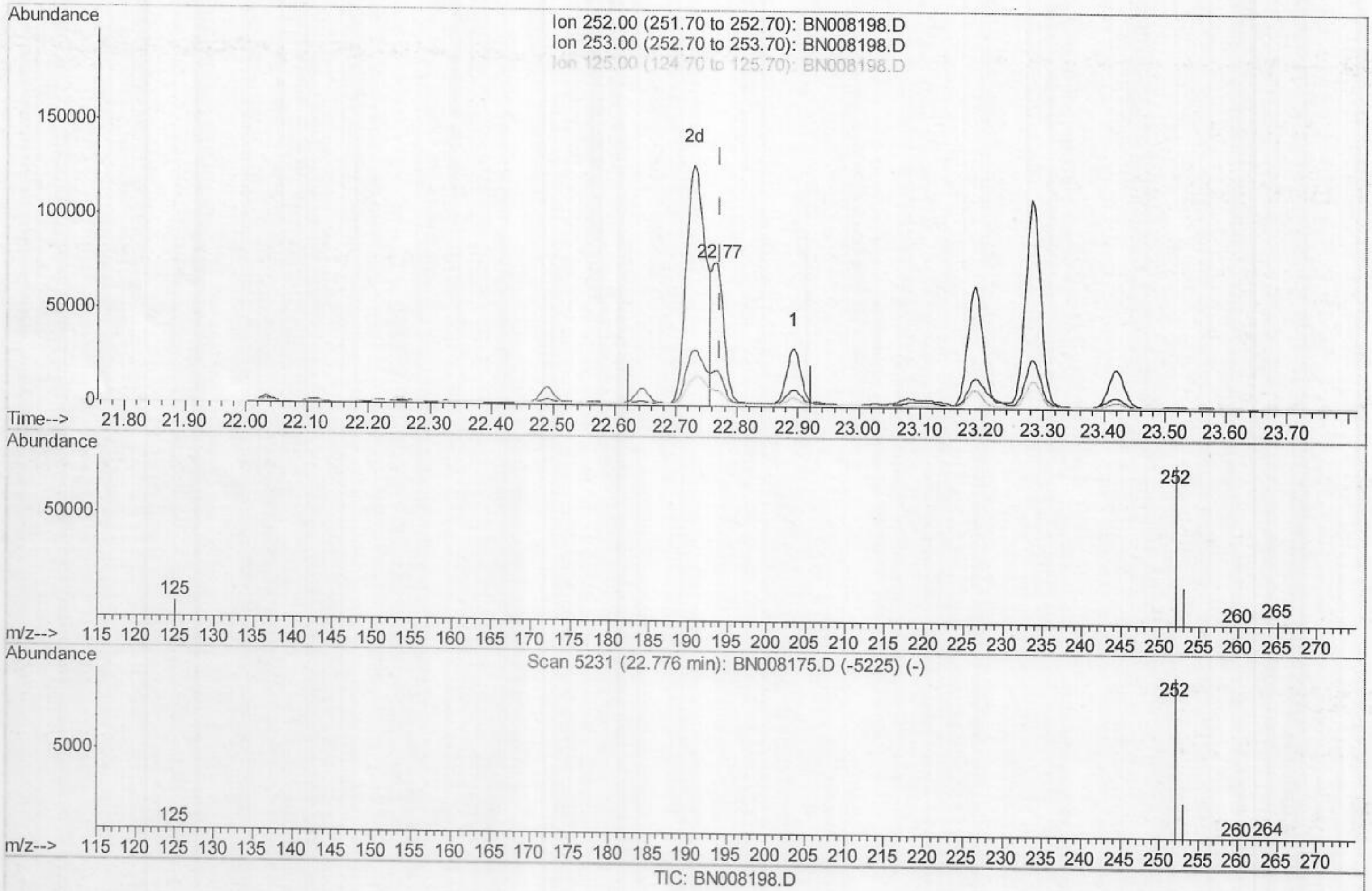
22.893min (+0.120) 0.72ng/ul

response 41880

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 29.15 |
| 125.00 | 15.40 | 14.31 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008198.D
Acq On : 16 Oct 2019 14:53
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 16 18:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration




(22) Benzo(k)fluoranthene

22.768min (-0.005) 1.87ng/ul m JU 10/19/19

response 108445

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 24.43 |
| 125.00 | 15.40 | 10.79# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008198.D
Acq On : 16 Oct 2019 14:53
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 16 18:13:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 2949 | 0.40 ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.37 | 136 | 14539 | 0.40 ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.24 | 164 | 9240 | 0.40 ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.99 | 188 | 20561m | 0.40 ng/ul | 0.00 JU 10/19/19 |
| 16) Chrysene-d12 | 21.19 | 240 | 18610 | 0.40 ng/ul | 0.00 |
| 20) Perylene-d12 | 23.37 | 264 | 15723 | 0.40 ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.97 | 152 | 6706 | 0.27 ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.02 | 212 | 19642 | 0.28 ng/ul | 0.00 |

| Target Compounds | R.T. | QIon | Response | Conc Units | Qvalue |
|---|---|---|---|---|---|
| 3) Naphthalene | 10.42 | 128 | 6792 | 0.164 ng/ul | 99 |
| 5) 2-Methylnaphthalene | 12.04 | 142 | 4599 | 0.162 ng/ul | 99 |
| 7) Acenaphthylene | 13.96 | 152 | 3070 | 0.070 ng/ul# | 92 |
| 8) Acenaphthene | 14.31 | 153 | 13404 | 0.392 ng/ul | 99 |
| 9) Fluorene | 15.30 | 166 | 25842 | 0.665 ng/ul | 98 |
| 12) Phenanthrene | 17.03 | 178 | 460314 | 7.647 ng/ul | 99 |
| 13) Anthracene | 17.12 | 178 | 139161 | 2.627 ng/ul | 98 |
| 15) Fluoranthene | 19.06 | 202 | 600207 | 7.549 ng/ul | 99 |
| 17) Pyrene | 19.42 | 202 | 484901 | 6.544 ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.18 | 228 | 367574 | 5.433 ng/ul | 99 |
| 19) Chrysene | 21.23 | 228 | 292150 | 3.518 ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 22.73 | 252 | 281919m | 5.508 ng/ul | JU 10/19/19 |
| 22) Benzo(k)fluoranthene | 22.77 | 252 | 108445m | 1.870 ng/ul | JU 10/19/19 |
| 23) Benzo(a)pyrene | 23.28 | 252 | 190416 | 3.535 ng/ul# | 85 |
| 24) Indeno(1,2,3-cd)pyrene | 25.54 | 276 | 79866 | 1.259 ng/ul | 100 |
| 25) Dibenzo(a,h)anthracene | 25.54 | 278 | 27428 | 0.547 ng/ul | 95 |
| 26) Benzo(g,h,i)perylene | 26.20 | 276 | 55219 | 0.949 ng/ul | 99 |

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