Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008413.D
Acq On : 25 Oct 2019 06:19
Operator : JU
Sample : K5236-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 25 12:01:47 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 : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BEPL8

**Manual Integrations APPROVED**
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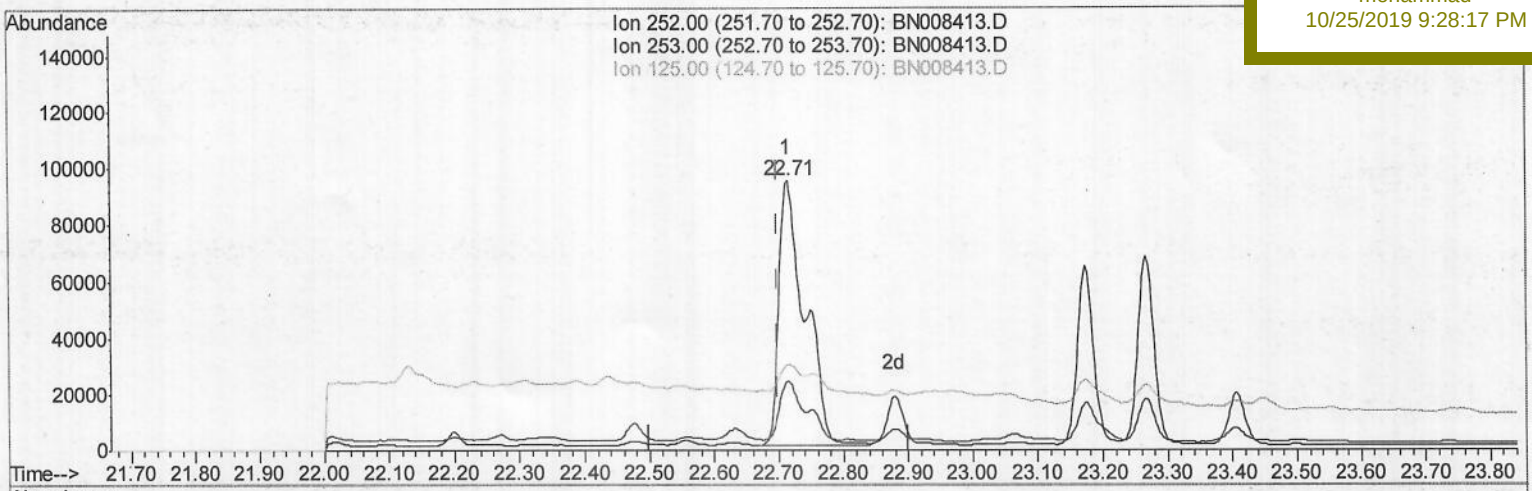


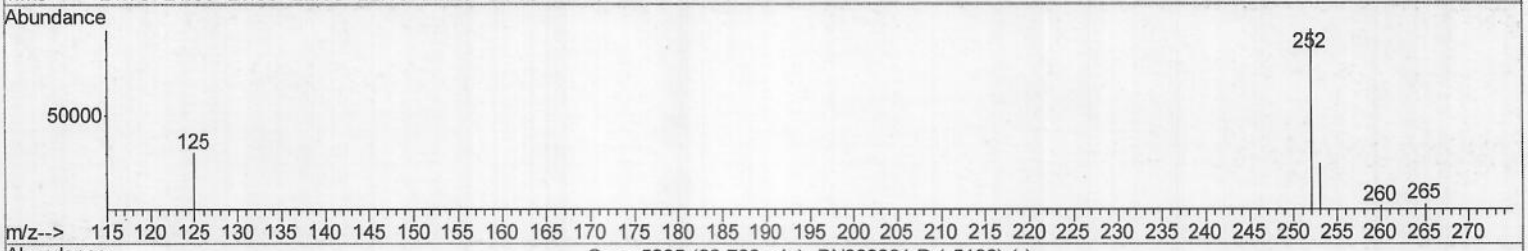


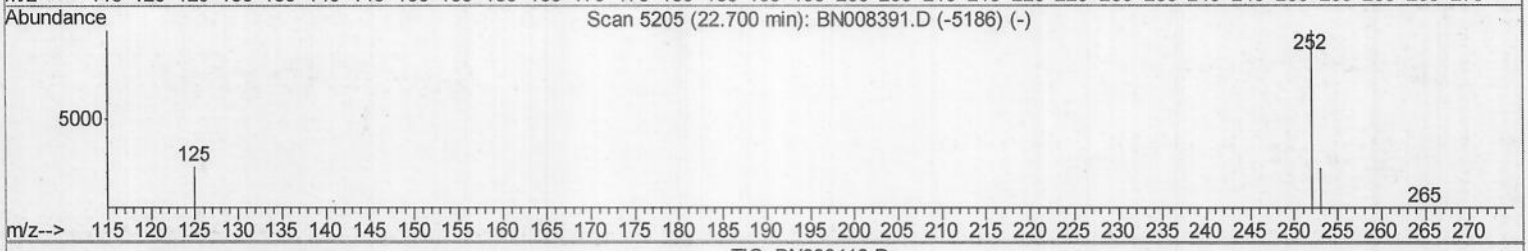


TIC: BN008413.D

(21) Benzo(b)fluoranthene

22.715min (+0.015) 9.84ng/ul

response 261101

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.70 | 26.11 |
| 125.00 | 16.20 | 32.06 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
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Sample : K5236-07
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ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 25 12:01:47 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 : Fri Oct 25 00:45:13 2019
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**Instrument :**
BNA_N
**ClientSampleId :**
BEPL8

**Manual Integrations APPROVED**
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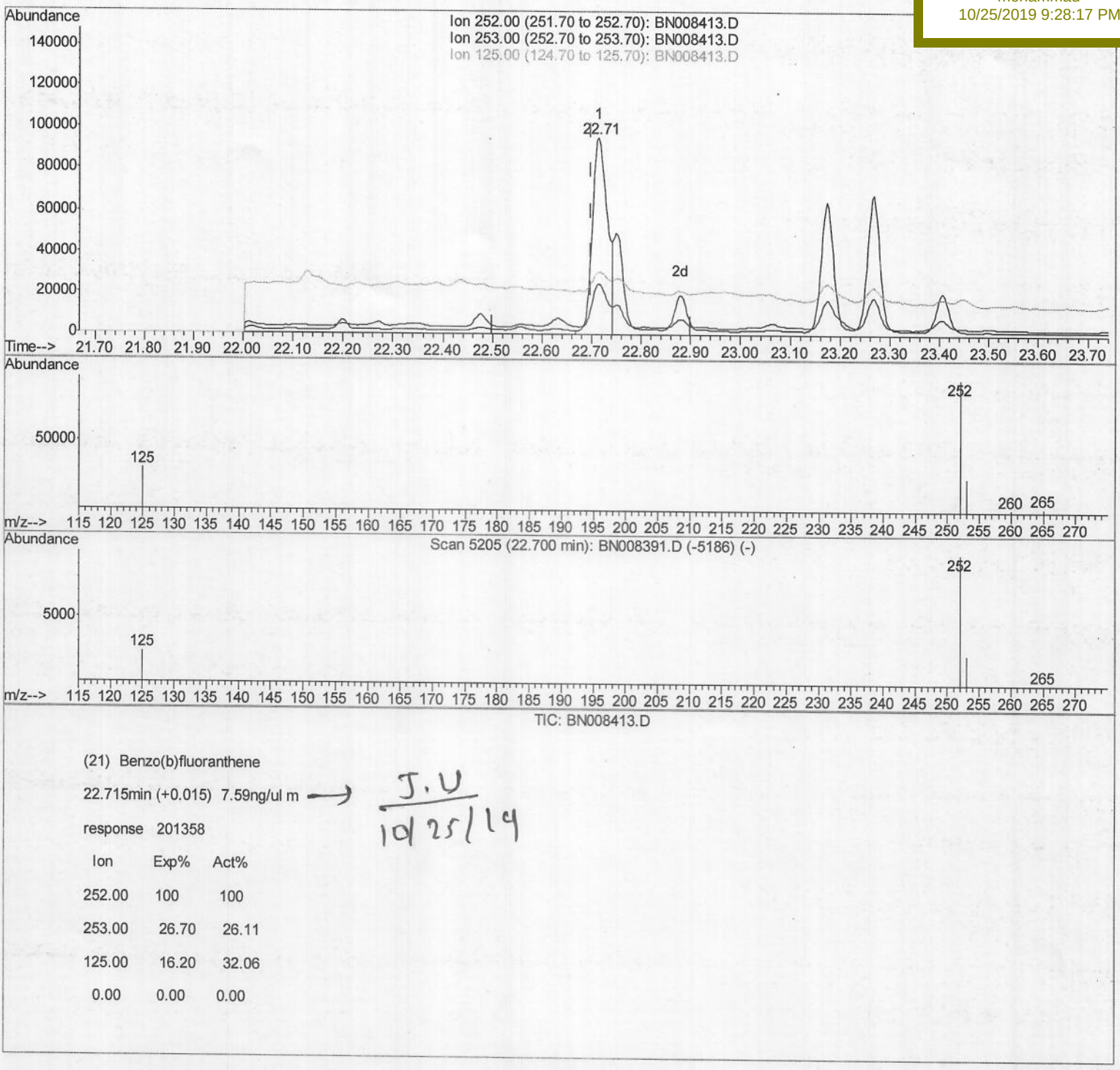


TIC: BN008413.D

(21) Benzo(b)fluoranthene

22.715min (+0.015) 7.59ng/ul m → J.U 10/25/19

response 201358

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.70 | 26.11 |
| 125.00 | 16.20 | 32.06 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008413.D
Acq On : 25 Oct 2019 06:19
Operator : JU
Sample : K5236-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 25 12:01:47 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 : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BEPL8

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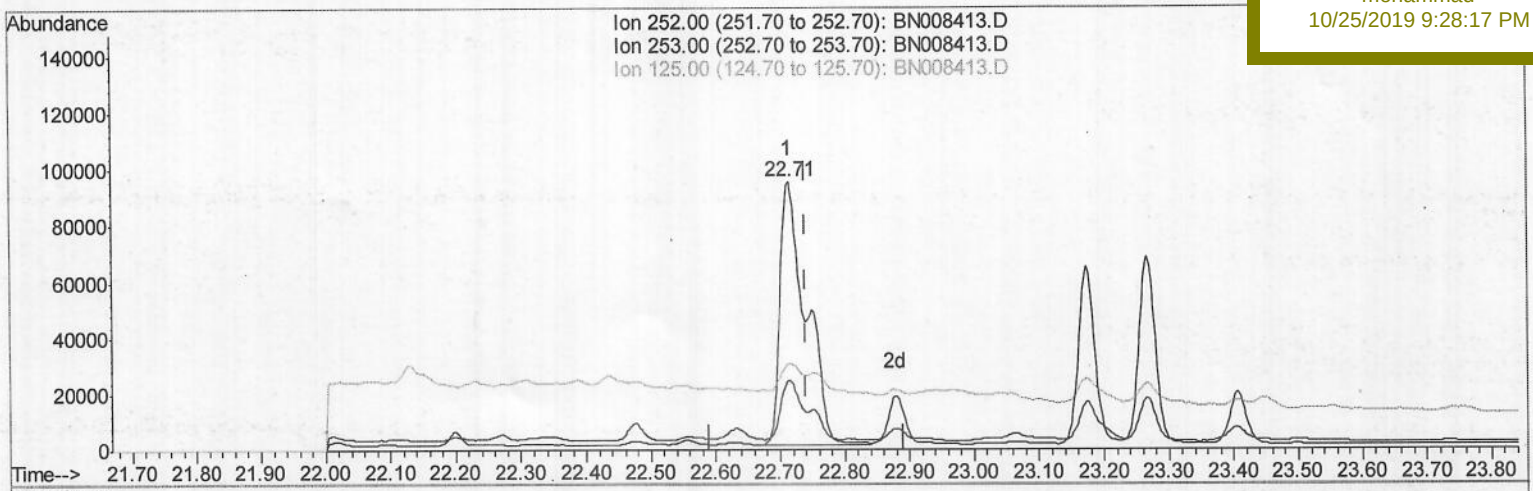


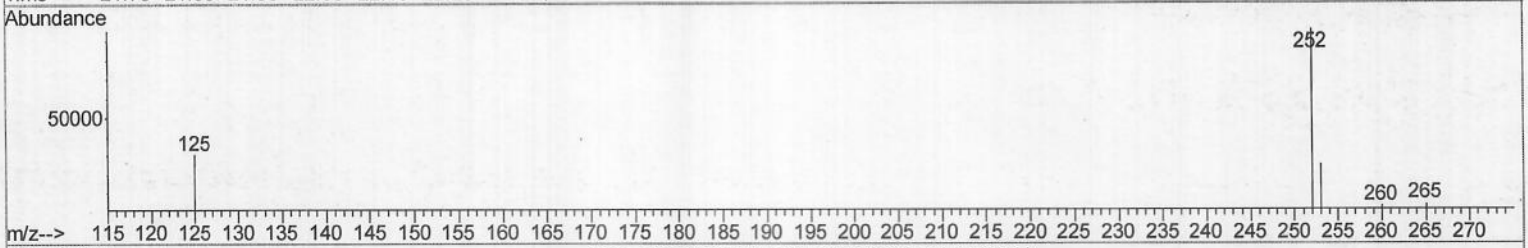


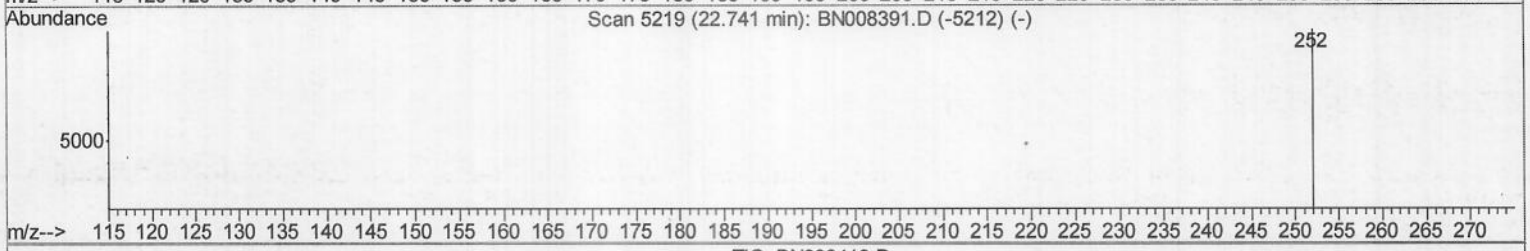


TIC: BN008413.D

(22) Benzo(k)fluoranthene

22.715min (-0.026) 8.69ng/ul

response 261101

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 26.11 |
| 125.00 | 15.40 | 32.06# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008413.D
Acq On : 25 Oct 2019 06:19
Operator : JU
Sample : K5236-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 25 12:01:47 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 : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BEPL8

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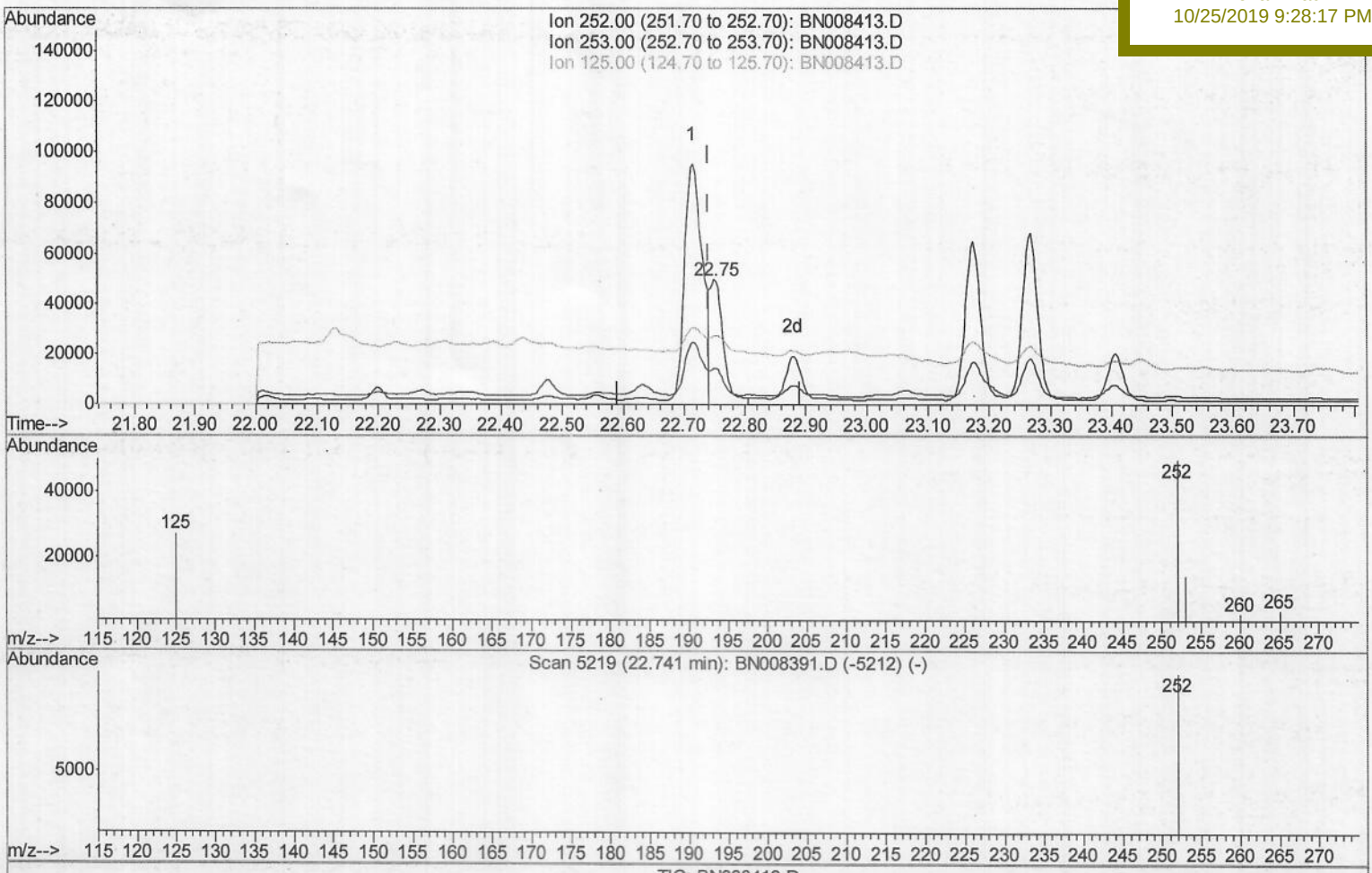





TIC: BN008413.D

(22) Benzo(k)fluoranthene

22.750min (+0.009) 2.46ng/ul m → J.U 10/25/19

response 73962

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 28.85 |
| 125.00 | 15.40 | 54.69# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008413.D
Acq On : 25 Oct 2019 06:19
Operator : JU
Sample : K5236-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 25 12:03:34 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 : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** BEPL8

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 2105 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.33 | 136 | 9525 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.21 | 164 | 6281 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.96 | 188 | 12861 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.18 | 240 | 10926 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.36 | 264 | 8152 | 0.40 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.93 | 152 | 3212 | 0.20 | ng/ul | -0.01 |
| 14) Fluoranthene-d10 | 19.00 | 212 | 8707 | 0.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.38 | 128 | 16350 | 0.603 | ng/ul | 99 |
| 5) 2-Methylnaphthalene | 12.01 | 142 | 7591 | 0.408 | ng/ul | 99 |
| 7) Acenaphthylene | 13.93 | 152 | 22037 | 0.737 | ng/ul | 99 |
| 8) Acenaphthene | 14.27 | 153 | 5294 | 0.228 | ng/ul | 97 |
| 9) Fluorene | 15.26 | 166 | 10109 | 0.383 | ng/ul | 94 |
| 11) Pentachlorophenol | 16.62 | 266 | 296 | 0.095 | ng/ul# | 55 |
| 12) Phenanthrene | 17.00 | 178 | 168738 | 4.481 | ng/ul | 98 |
| 13) Anthracene | 17.09 | 178 | 32924 | 0.994 | ng/ul# | 86 |
| 15) Fluoranthene | 19.03 | 202 | 302754 | 6.088 | ng/ul | 99 |
| 17) Pyrene | 19.40 | 202 | 242915 | 5.584 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.16 | 228 | 135623 | 3.414 | ng/ul# | 90 |
| 19) Chrysene | 21.21 | 228 | 147510 | 3.026 | ng/ul# | 91 |
| 21) Benzo(b)fluoranthene | 22.71 | 252 | 201358m | 7.588 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.75 | 252 | 73962m | 2.460 | ng/ul | |
| 23) Benzo(a)pyrene | 23.27 | 252 | 116229 | 4.162 | ng/ul# | 88 |
| 24) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 110794 | 3.369 | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.52 | 278 | 25827 | 0.993 | ng/ul# | 72 |
| 26) Benzo(g,h,i)perylene | 26.17 | 276 | 137353 | 4.554 | ng/ul | 97 |

J.U 10/25/19

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

Quantitation Report (QT Reviewed)

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**Instrument :**
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**ClientSampleId :**
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**Manual Integrations APPROVED**
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10/25/2019 9:28:17 PM