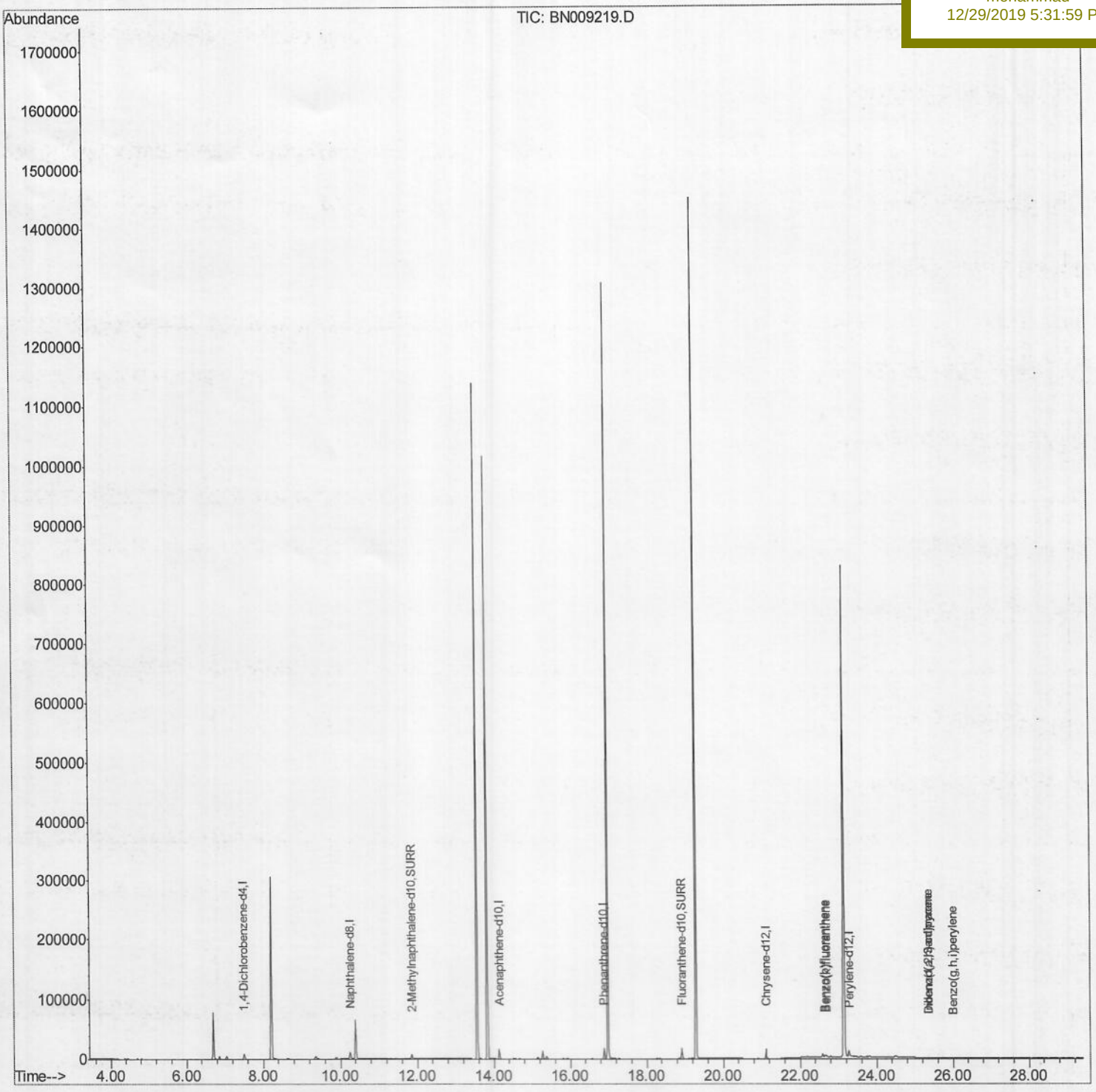
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009219.D
Acq On : 28 Dec 2019 09:44
Operator : JU
Sample : PB125532BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 06:24:05 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 06:16:40 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK32

**Manual Integrations APPROVED**
mohammad
12/29/2019 5:31:59 PM



Quantitation Report (Qedit)

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Data File : BN009219.D
Acq On : 28 Dec 2019 09:44
Operator : JU
Sample : PB125532BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 06:19:12 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 06:16:40 2019
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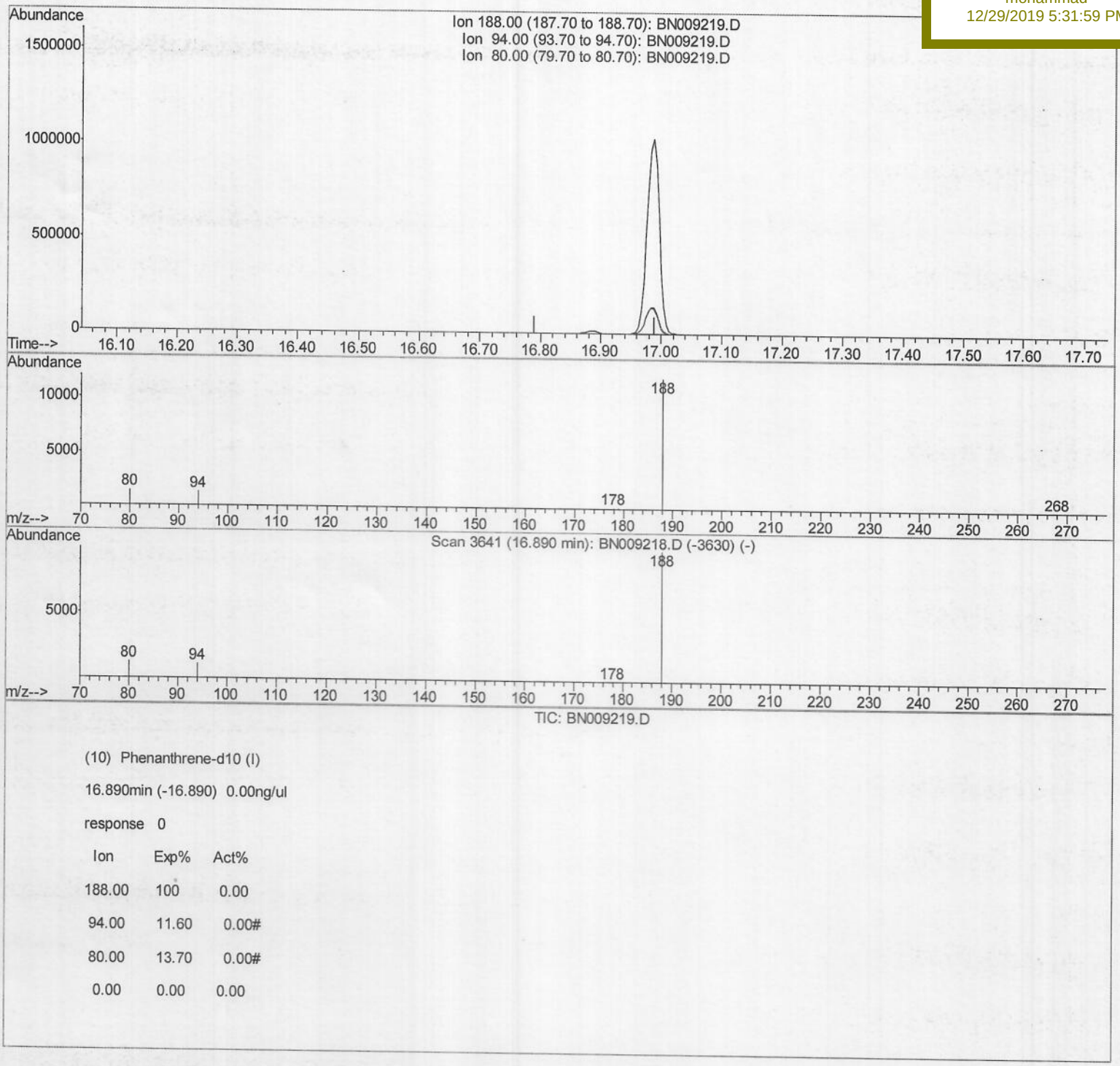
**Instrument :**
BNA_N
**ClientSampleId :**
SBLK32

**Manual Integrations APPROVED**
mohammad
12/29/2019 5:31:59 PM




(10) Phenanthrene-d10 (I)

16.890min (-16.890) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 0.00 |
| 94.00 | 11.60 | 0.00# |
| 80.00 | 13.70 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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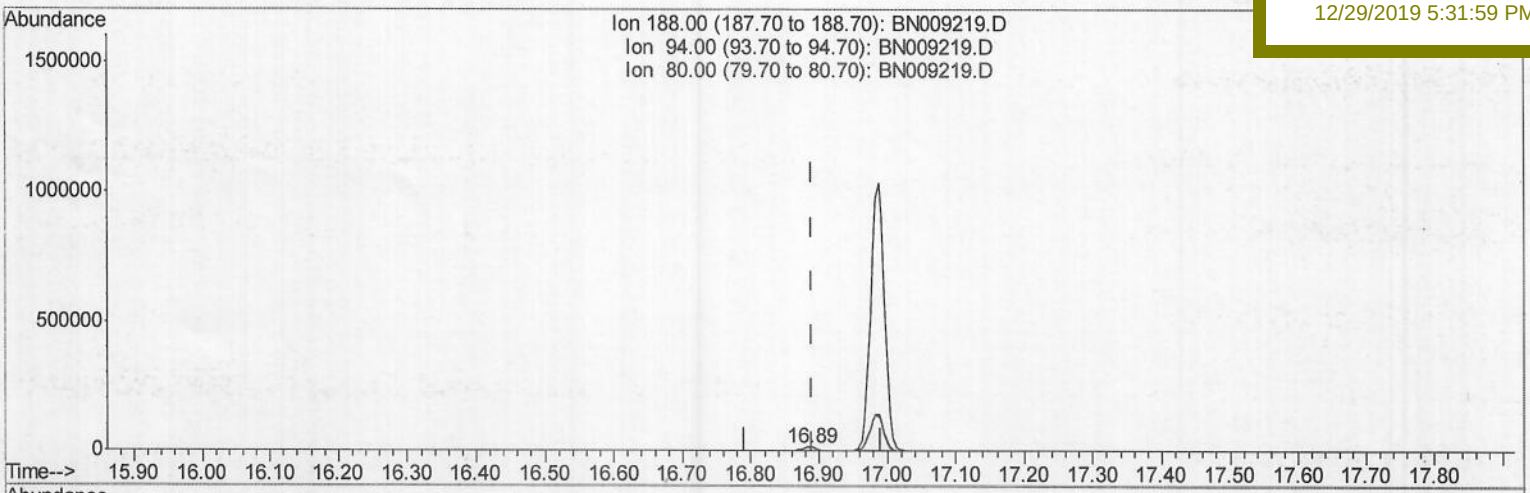
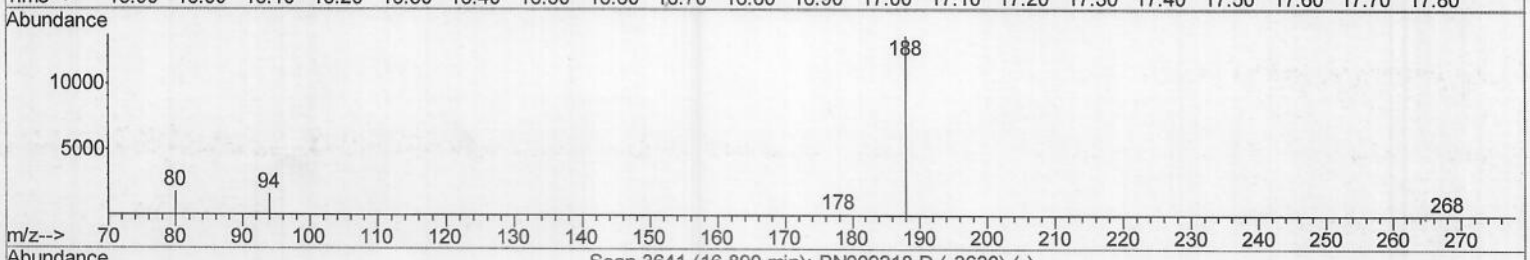
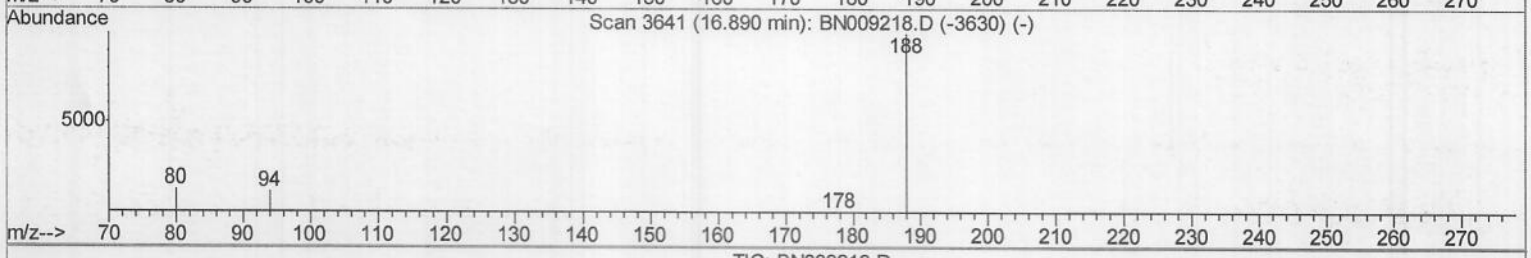
**Instrument :**
BNA_N
**ClientSampleId :**
SBLK32

**Manual Integrations APPROVED**
mohammad
12/29/2019 5:31:59 PM




TIC: BN009219.D

(10) Phenanthrene-d10 (I)

16.886min (-0.004) 0.40ng/ul m > JU 12/30/19

response 18617

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.60 | 12.11 |
| 80.00 | 13.70 | 13.43 |
| 0.00 | 0.00 | 0.00 |

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Manual Integrations APPROVED
mohammad
12/29/2019 5:31:59 PM

Quant Time: Dec 29 06:24:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.50 | 152 | 3944 | 0.40 | ng/ul | -0.01 |
| 2) Naphthalene-d8 | 10.26 | 136 | 14977 | 0.40 | ng/ul | -0.01 |
| 6) Acenaphthene-d10 | 14.13 | 164 | 8928 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.89 | 188 | 18617m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.12 | 240 | 13303 | 0.40 | ng/ul | 0.03 |
| 20) Perylene-d12 | 23.27 | 264 | 10722 | 0.40 | ng/ul | 0.06 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.85 | 152 | 8789 | 0.33 | ng/ul | -0.01 |
| 14) Fluoranthene-d10 | 18.92 | 212 | 18837 | 0.34 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 21) Benzo(b)fluoranthene | 22.65 | 252 | 3070 | 0.061 | ng/ul# | 55 |
| 22) Benzo(k)fluoranthene | 22.69 | 252 | 2052 | 0.041 | ng/ul# | 27 |
| 24) Indeno(1,2,3-cd)pyrene | 25.36 | 276 | 1390 | 0.029 | ng/ul# | 89 |
| 25) Dibenzo(a,h)anthracene | 25.37 | 278 | 865 | 0.023 | ng/ul# | 21 |
| 26) Benzo(g,h,i)perylene | 25.99 | 276 | 1172 | 0.029 | ng/ul# | 62 |

JU 12/30/19

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