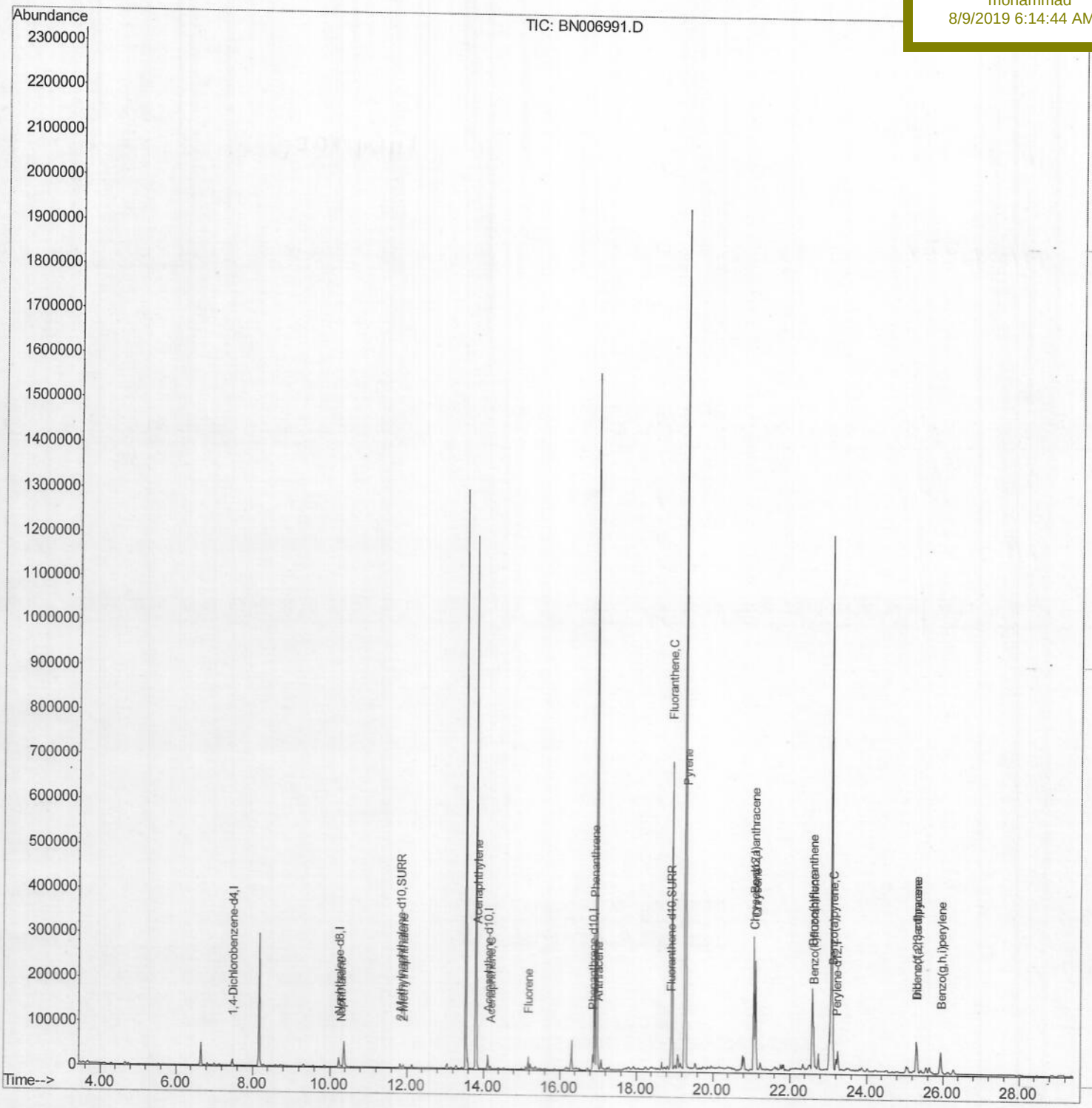
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



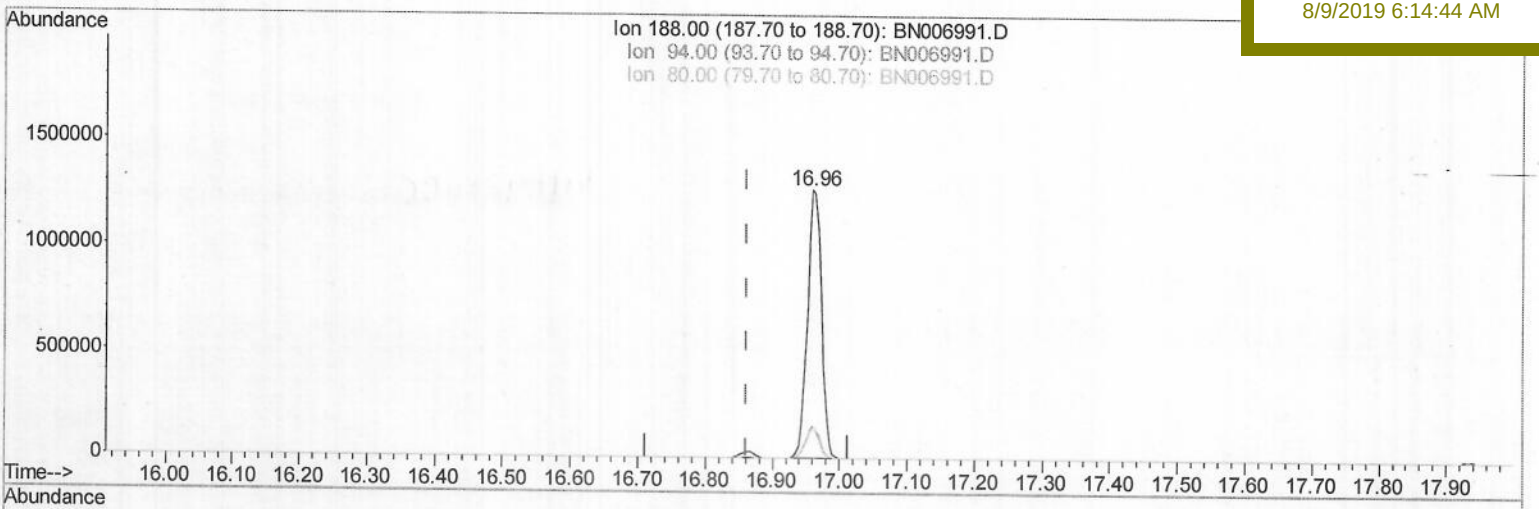
Quantitation Report (Qedit)

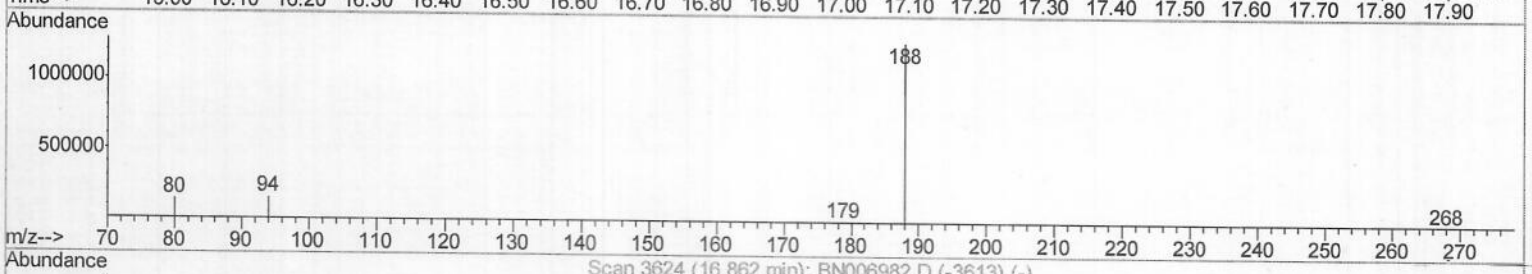
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

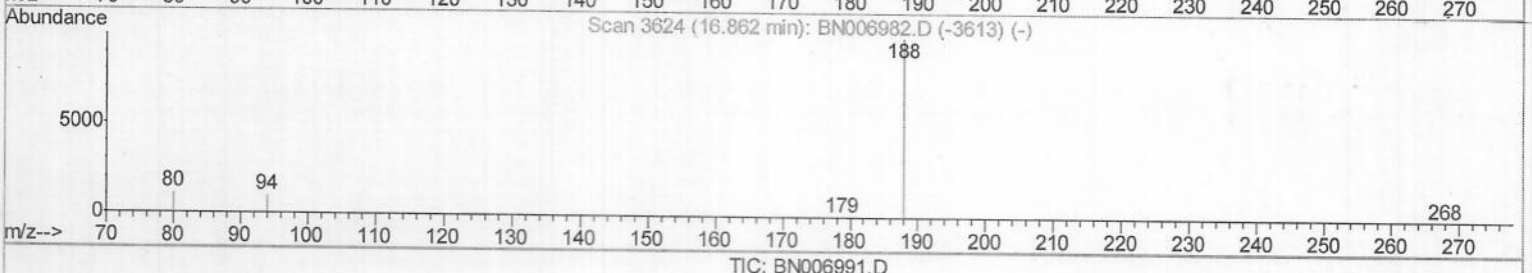
Quant Time: Aug 07 18:23:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM







(10) Phenanthrene-d10 (I)

16.959min (+0.097) 0.40ng/ul

response 1880268

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.71
80.00	12.40	10.79
0.00	0.00	0.00

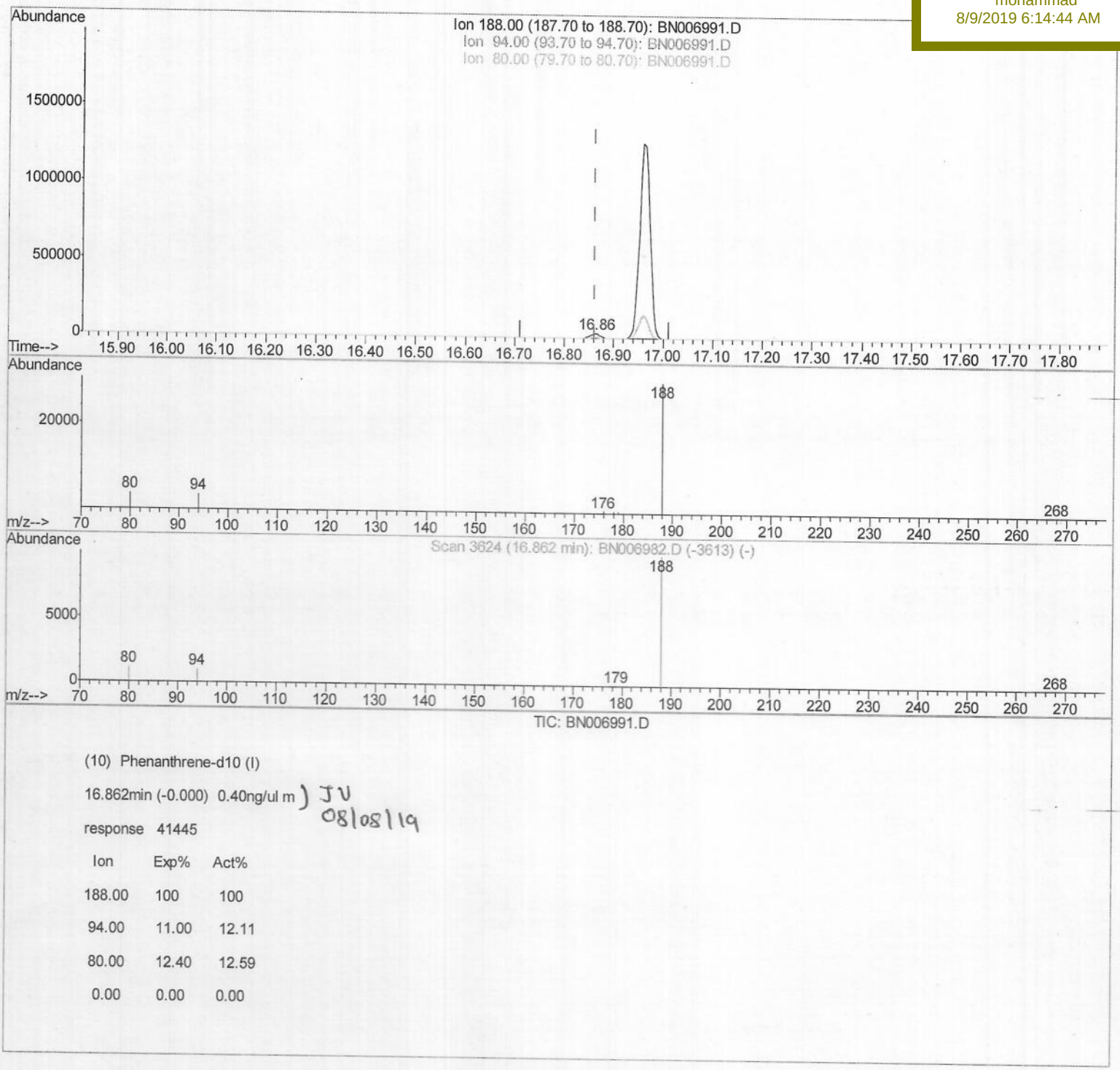
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:23:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



(10) Phenanthrene-d10 (I)

16.862min (-0.000) 0.40ng/ul m) JV 08/08/19

response 41445

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.11
80.00	12.40	12.59
0.00	0.00	0.00

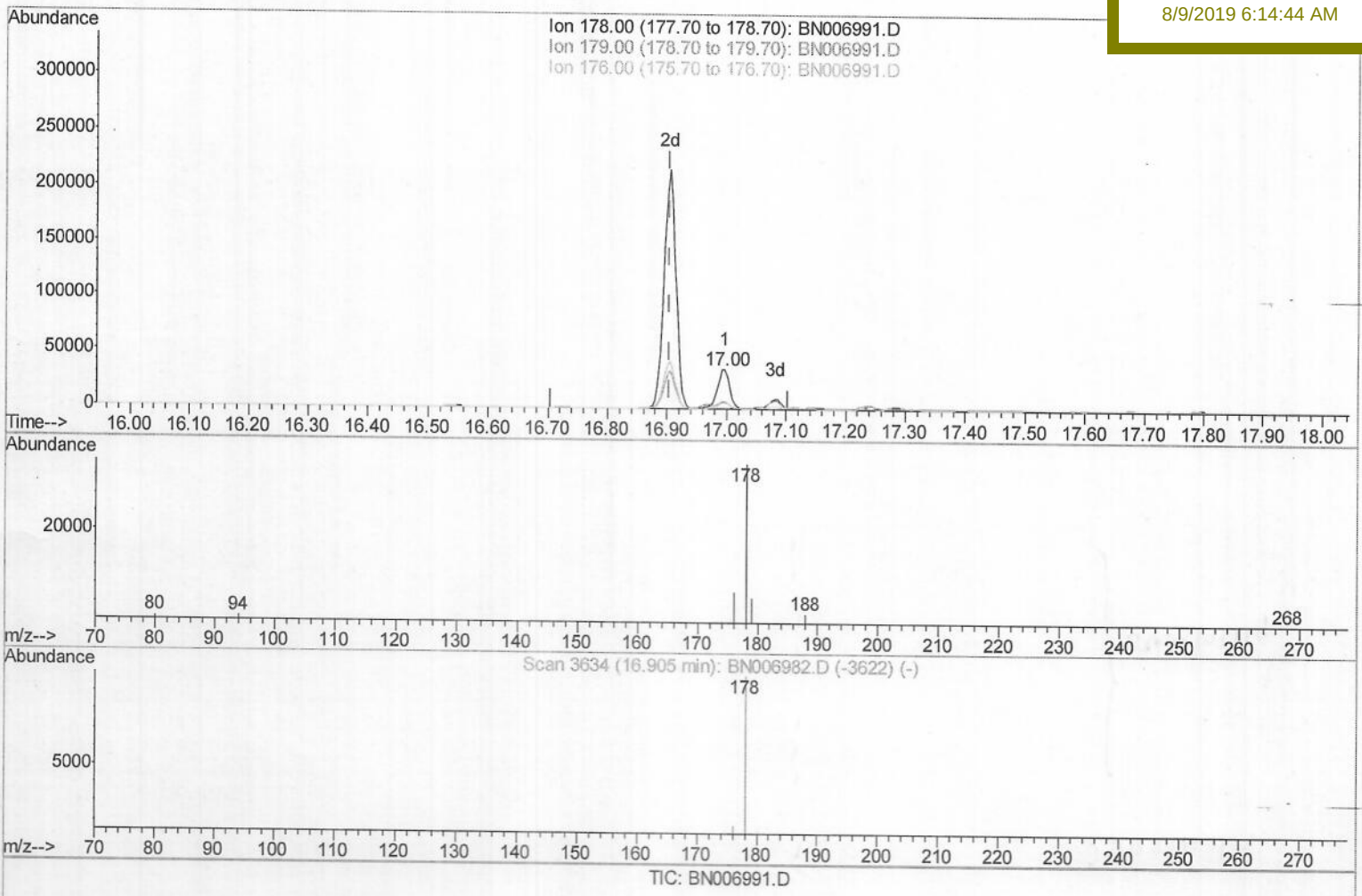
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



TIC: BN006991.D

(12) Phenanthrene

16.997min (+0.093) 0.37ng/ul

response 49177

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.17
176.00	19.50	19.04
0.00	0.00	0.00

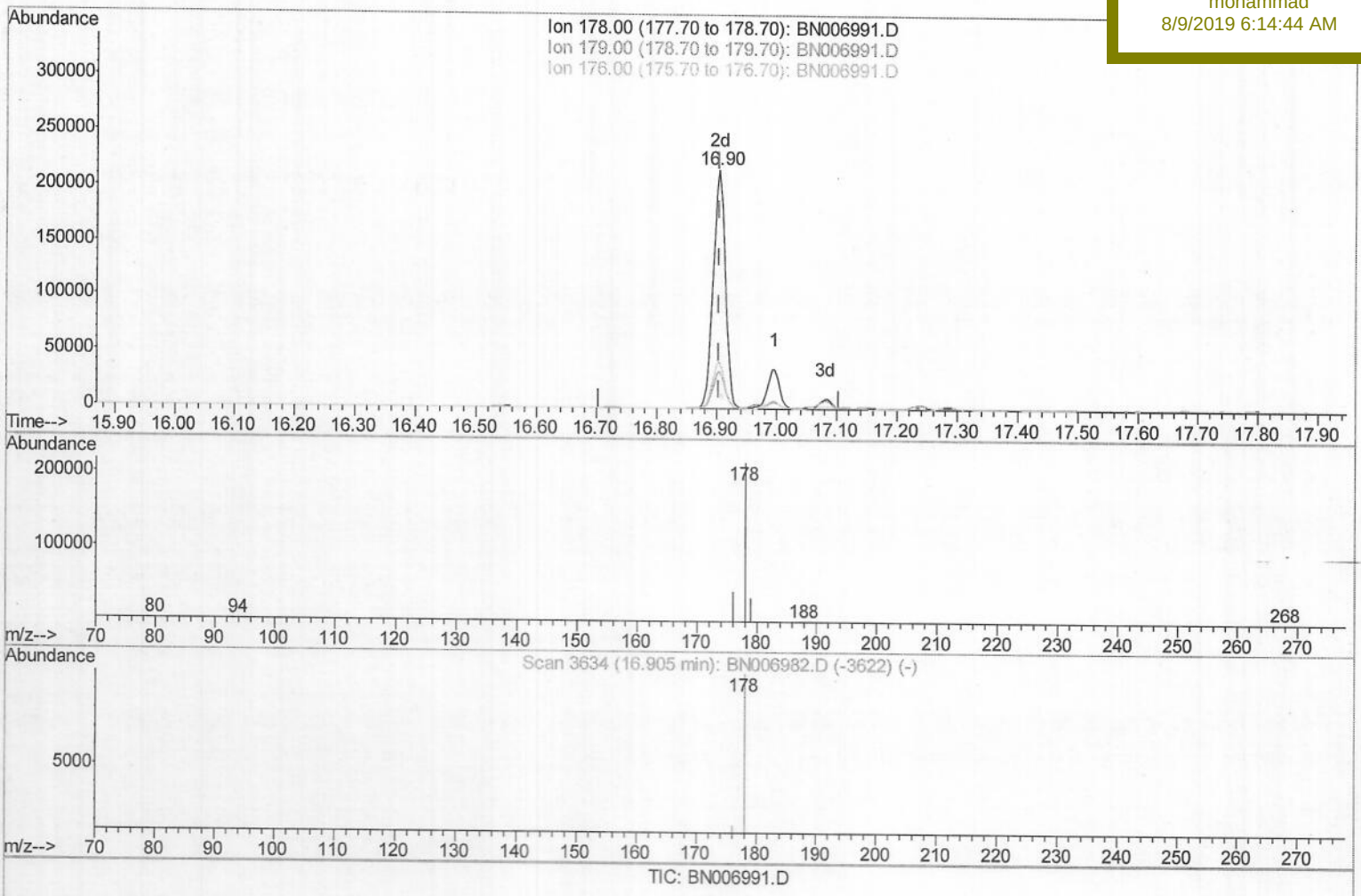
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



TIC: BN006991.D

(12) Phenanthrene

16.905min (-0.000) 2.29ng/ul m) JU 08/08/19

response 302223

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.28
176.00	19.50	19.41
0.00	0.00	0.00

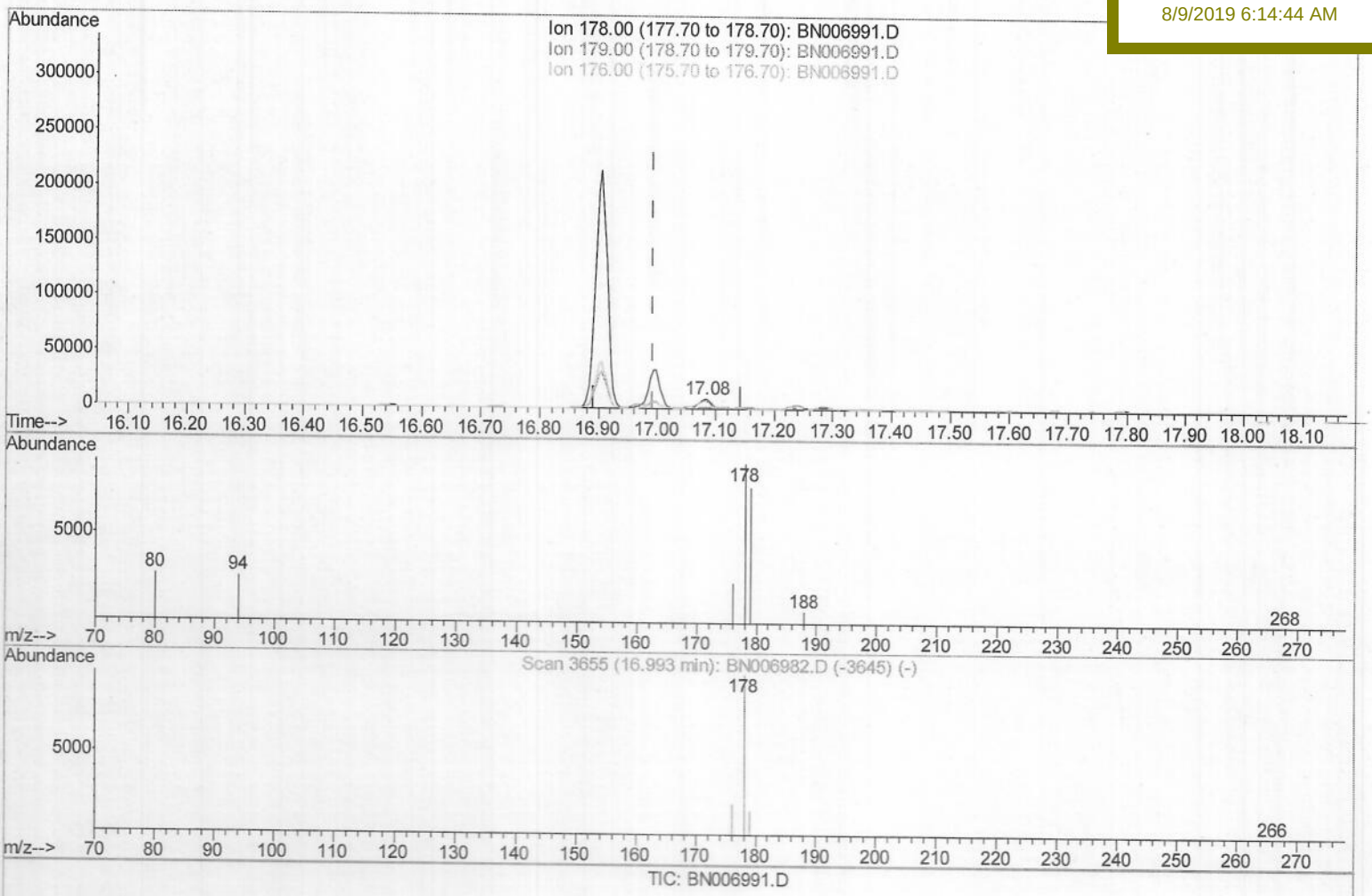
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



TIC: BN006991.D

(13) Anthracene

17.082min (+0.089) 0.10ng/ul

response 13153

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	85.37#
176.00	19.20	26.09#
0.00	0.00	0.00

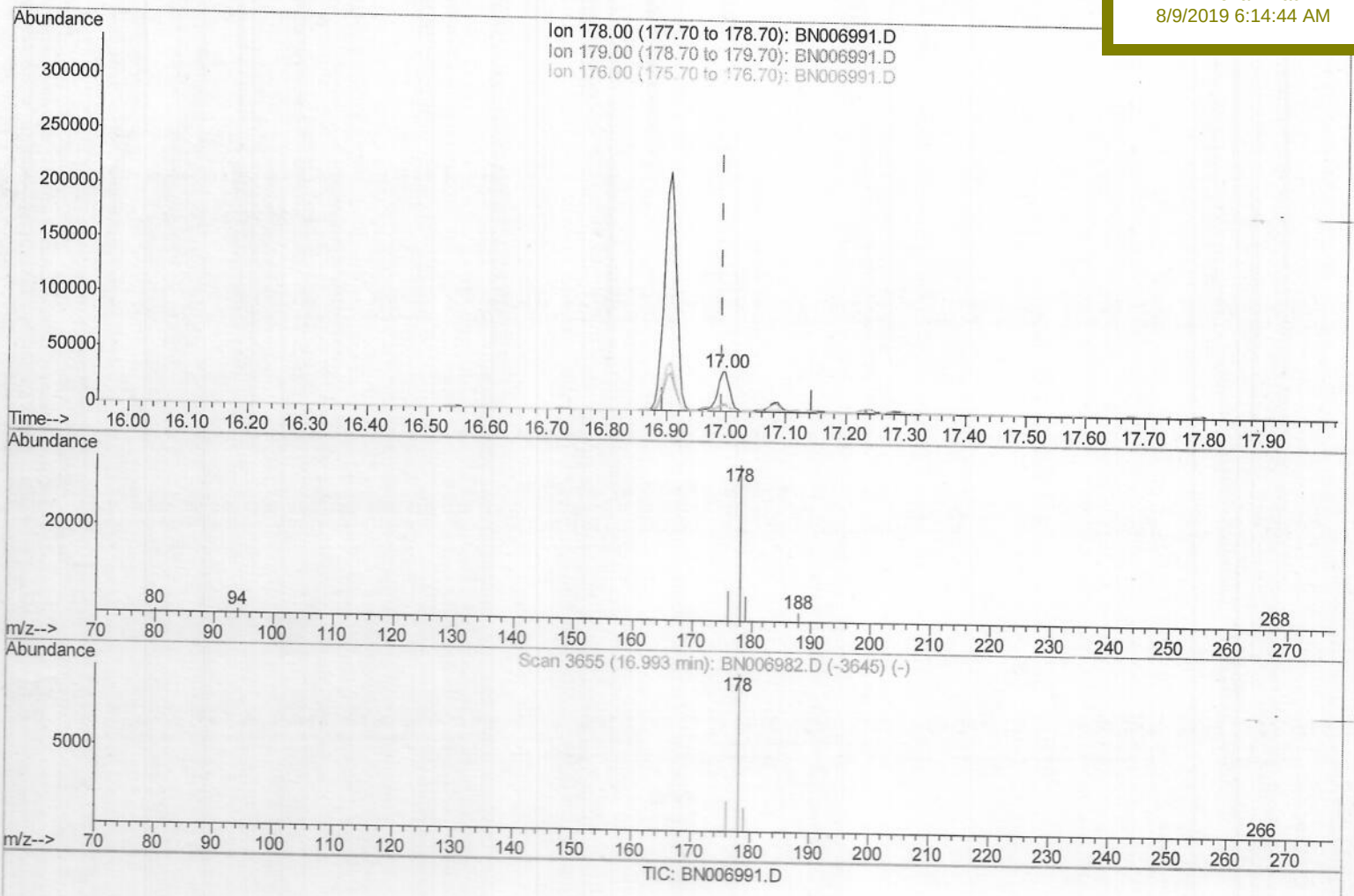
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



TIC: BN006991.D

(13) Anthracene

16.997min (+0.004) 0.38ng/ul m JJU 08/08/19

response 50821

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	16.17
176.00	19.20	19.04
0.00	0.00	0.00

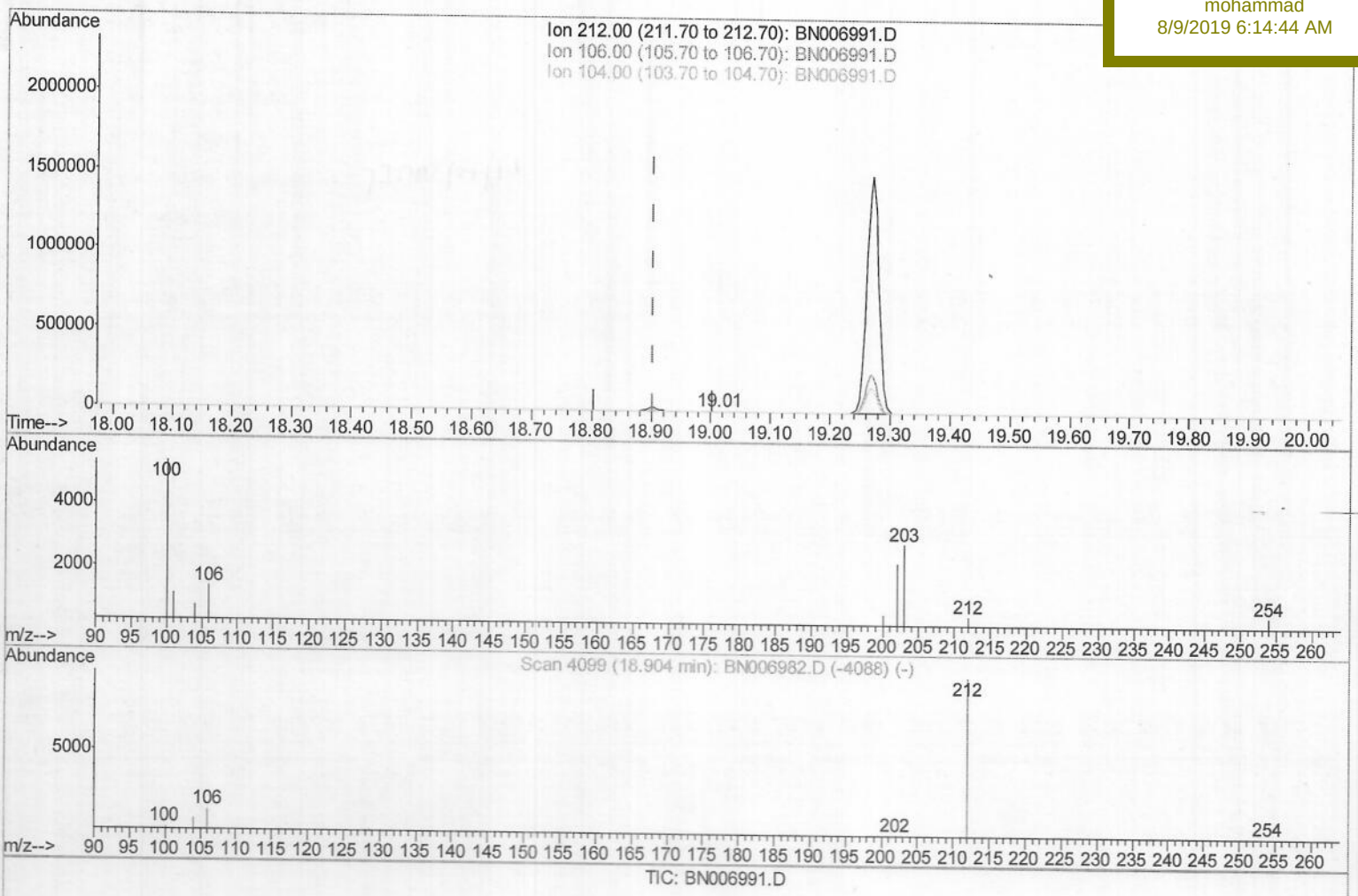
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



TIC: BN006991.D

(14) Fluoranthene-d10 (SURR)

19.011min (+0.107) 0.00ng/ul

response 547

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	74.77#
104.00	7.10	56.49#
0.00	0.00	0.00

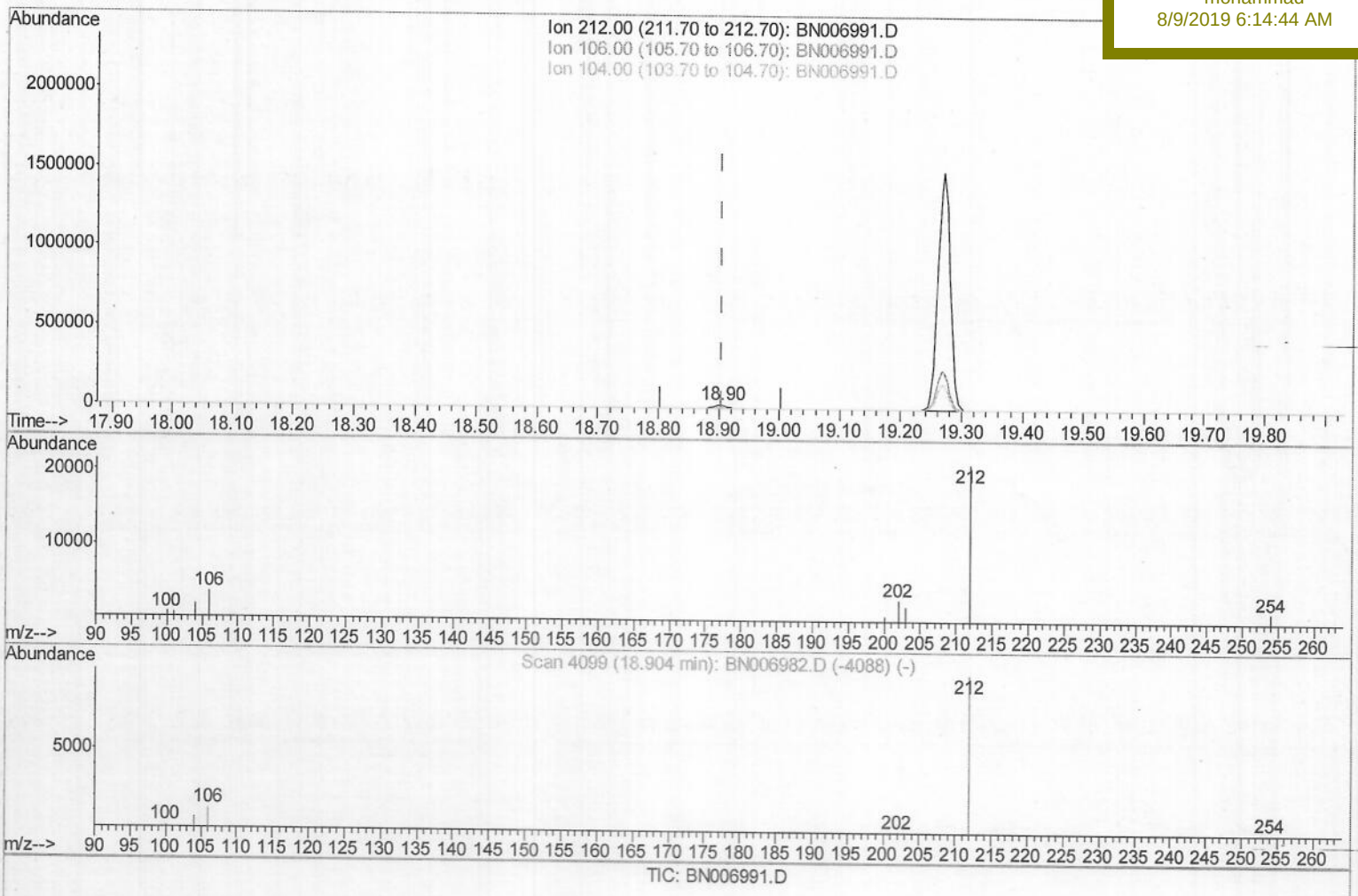
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



(14) Fluoranthene-d10 (SURR)

18.904min (-0.000) 0.22ng/ul m) JU 08/08/19

response 29972

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	1.36#
104.00	7.10	1.03#
0.00	0.00	0.00

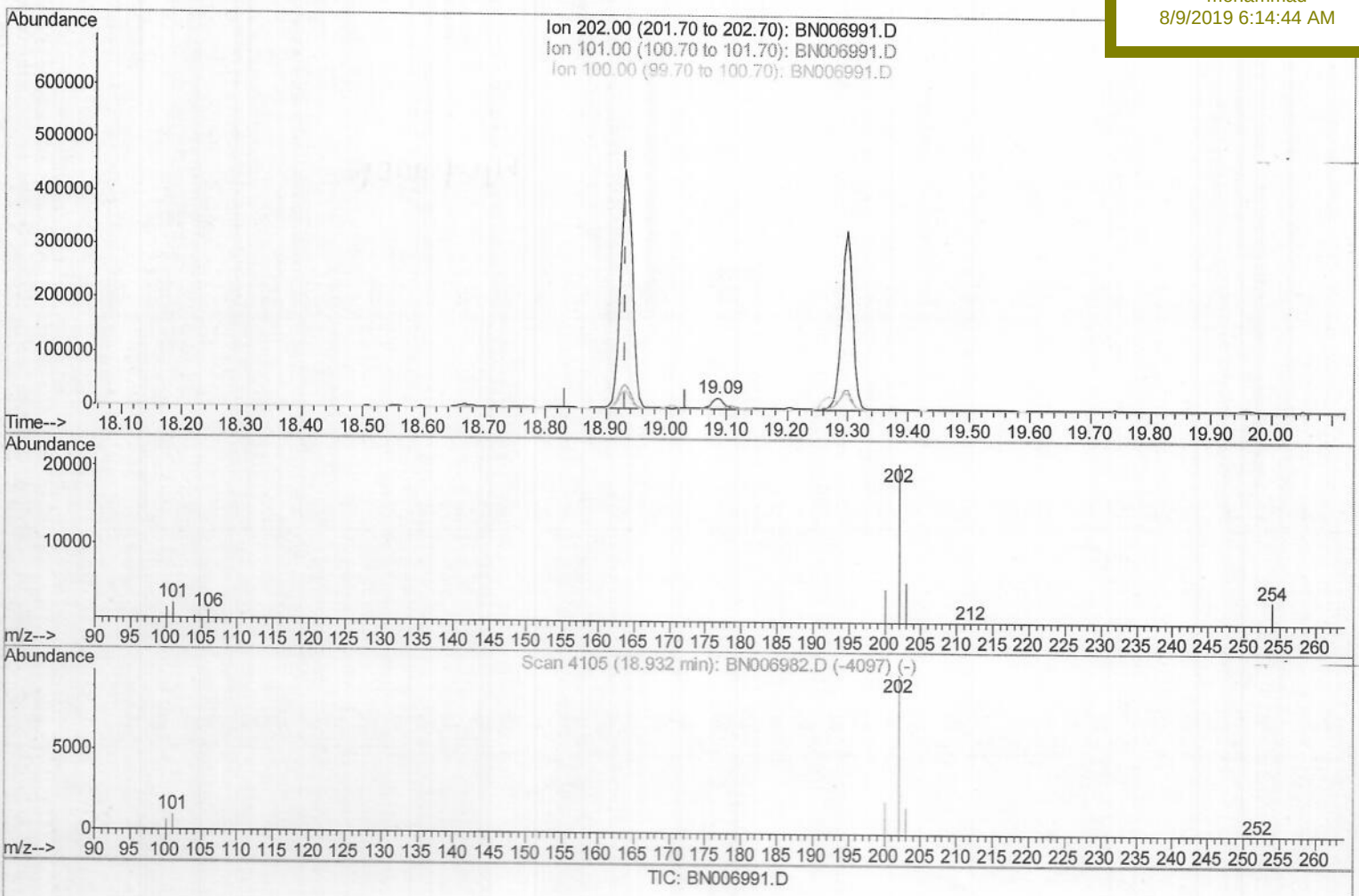
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



TIC: BN006991.D

(15) Fluoranthene (C)

19.085min (+0.153) 0.16ng/ul

response 25682

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	11.12
100.00	7.70	8.23
0.00	0.00	0.00

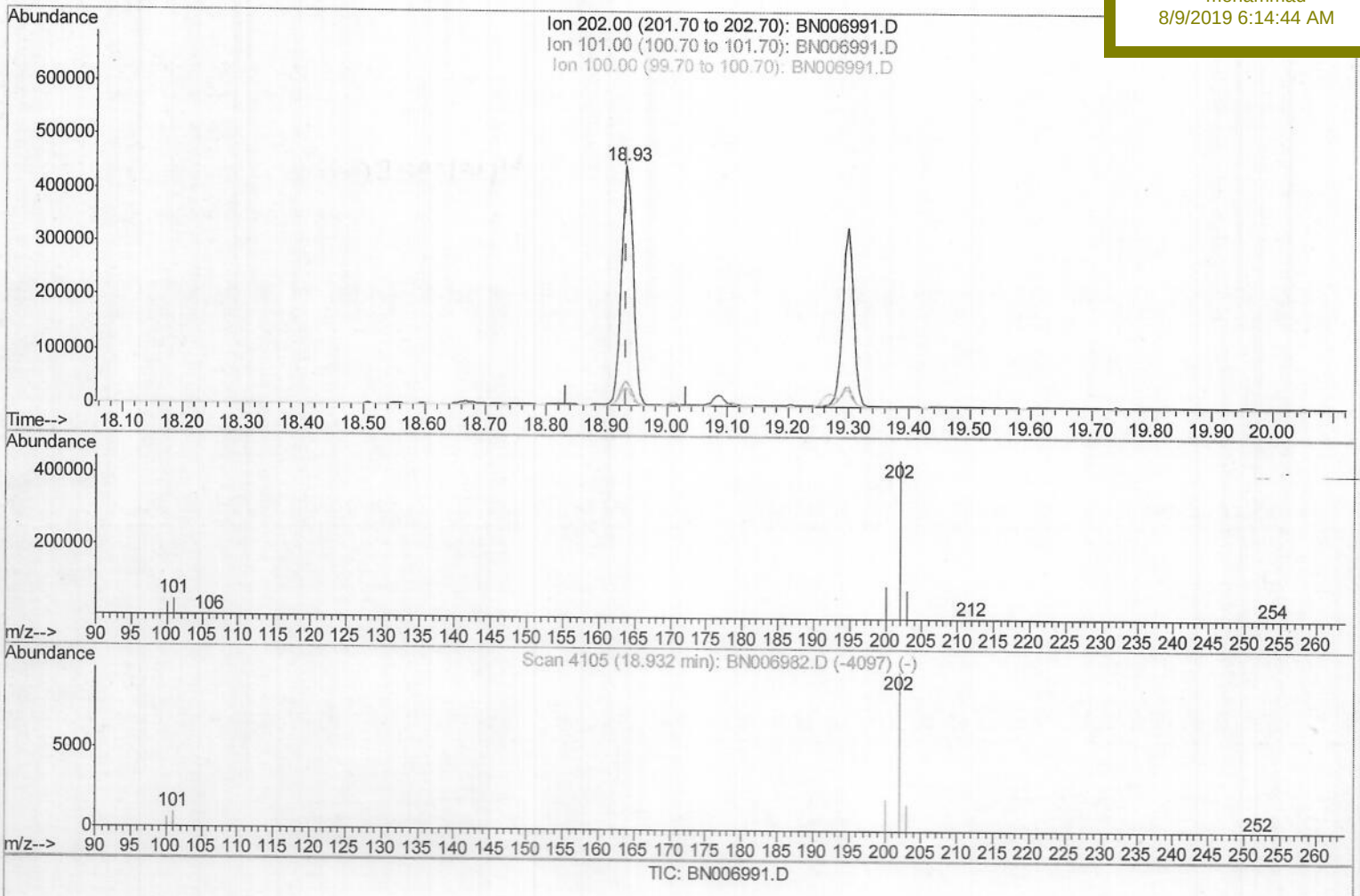
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



TIC: BN006991.D

(15) Fluoranthene (C)

18.932min (-0.000) 3.62ng/ul m JU 08/08/19

response 594995

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	10.00
100.00	7.70	7.37
0.00	0.00	0.00

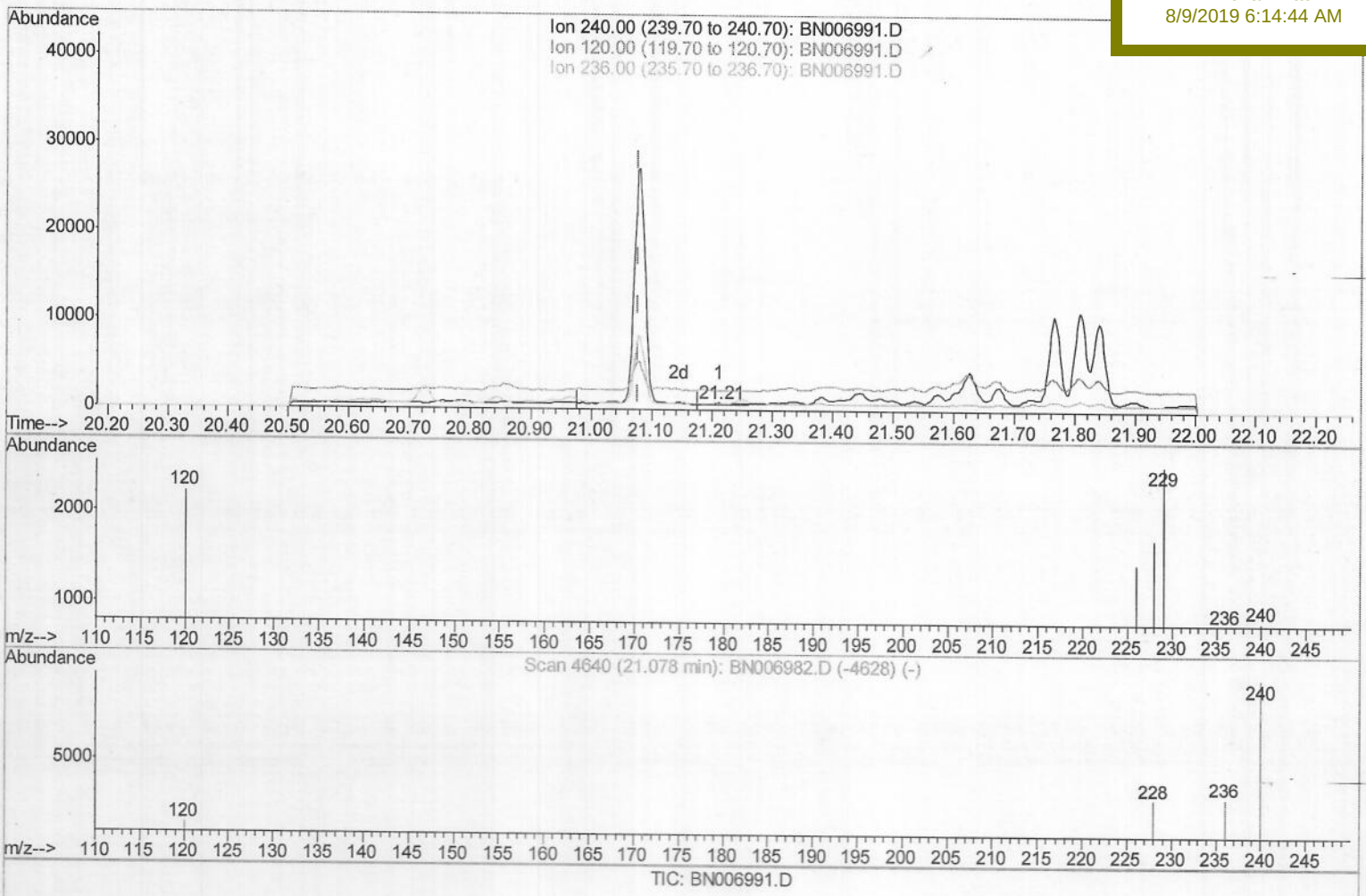
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM



TIC: BN006991.D

(16) Chrysene-d12 (I)

21.212min (+0.133) 0.40ng/ul

response 400

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	271.39#
236.00	29.00	96.82#
0.00	0.00	0.00

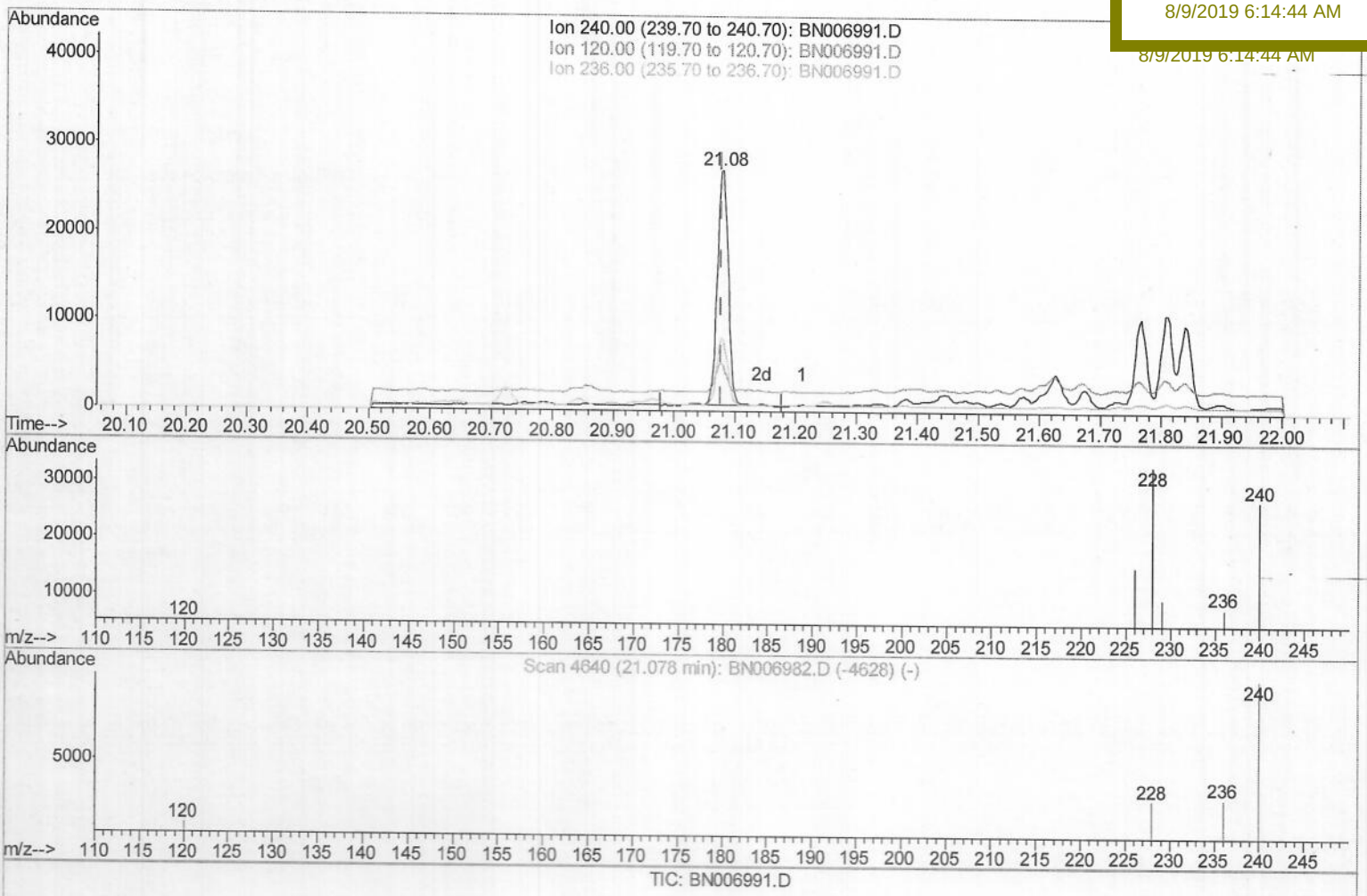
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM



TIC: BN006991.D

(16) Chrysene-d12 (I)

21.080min (+0.002) 0.40ng/ul m) JU 08108119

response 32683

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	19.44#
236.00	29.00	30.15
0.00	0.00	0.00

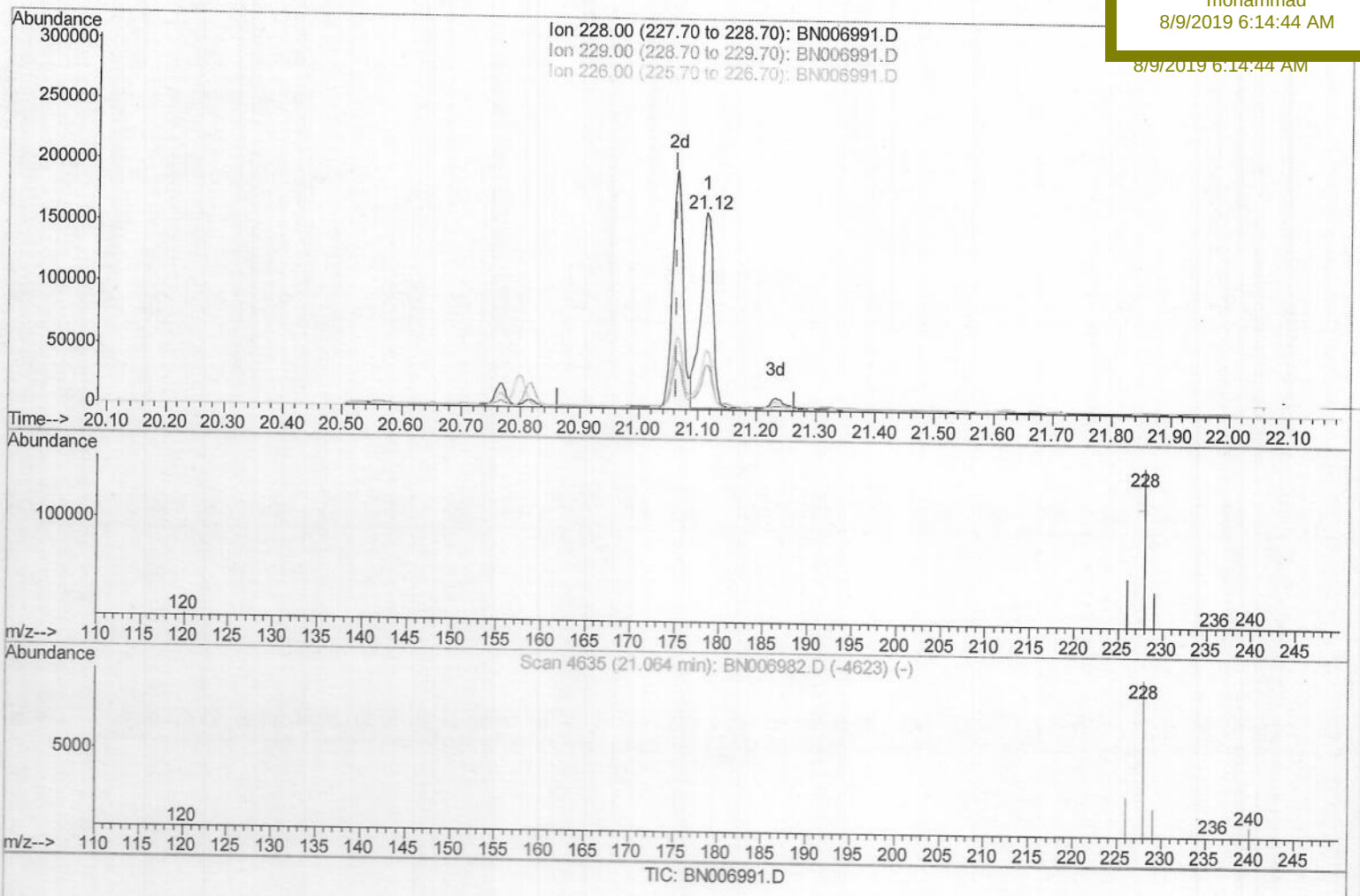
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM



(18) Benzo(a)anthracene

21.115min (+0.051) 1.65ng/ul

response 236765

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	23.14
226.00	27.80	31.15
0.00	0.00	0.00

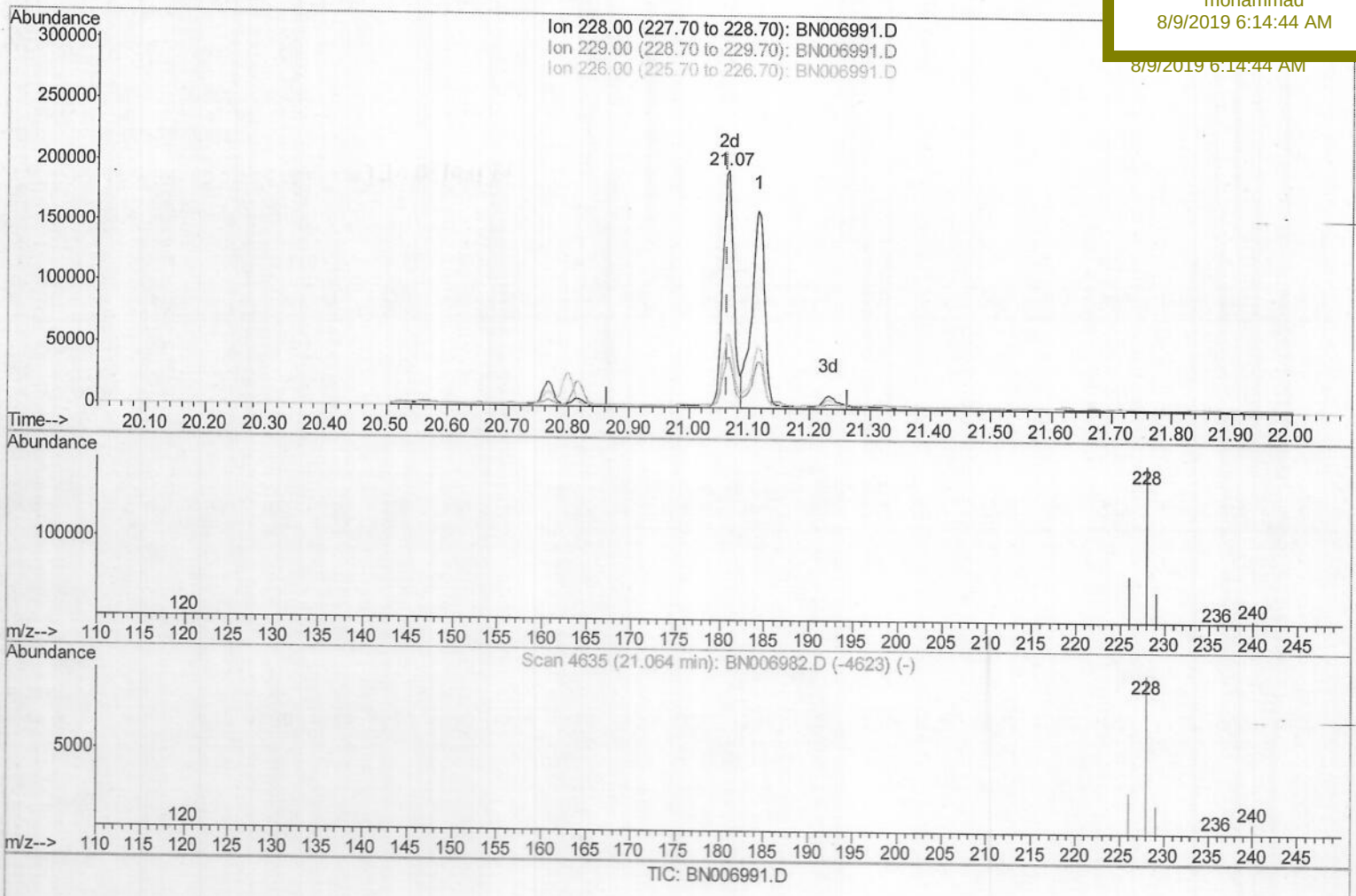
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM



TIC: BN006991.D

(18) Benzo(a)anthracene

21.065min (+0.002) 1.73ng/ul m JV 08/08/19

response 248829

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.02
226.00	27.80	30.79
0.00	0.00	0.00

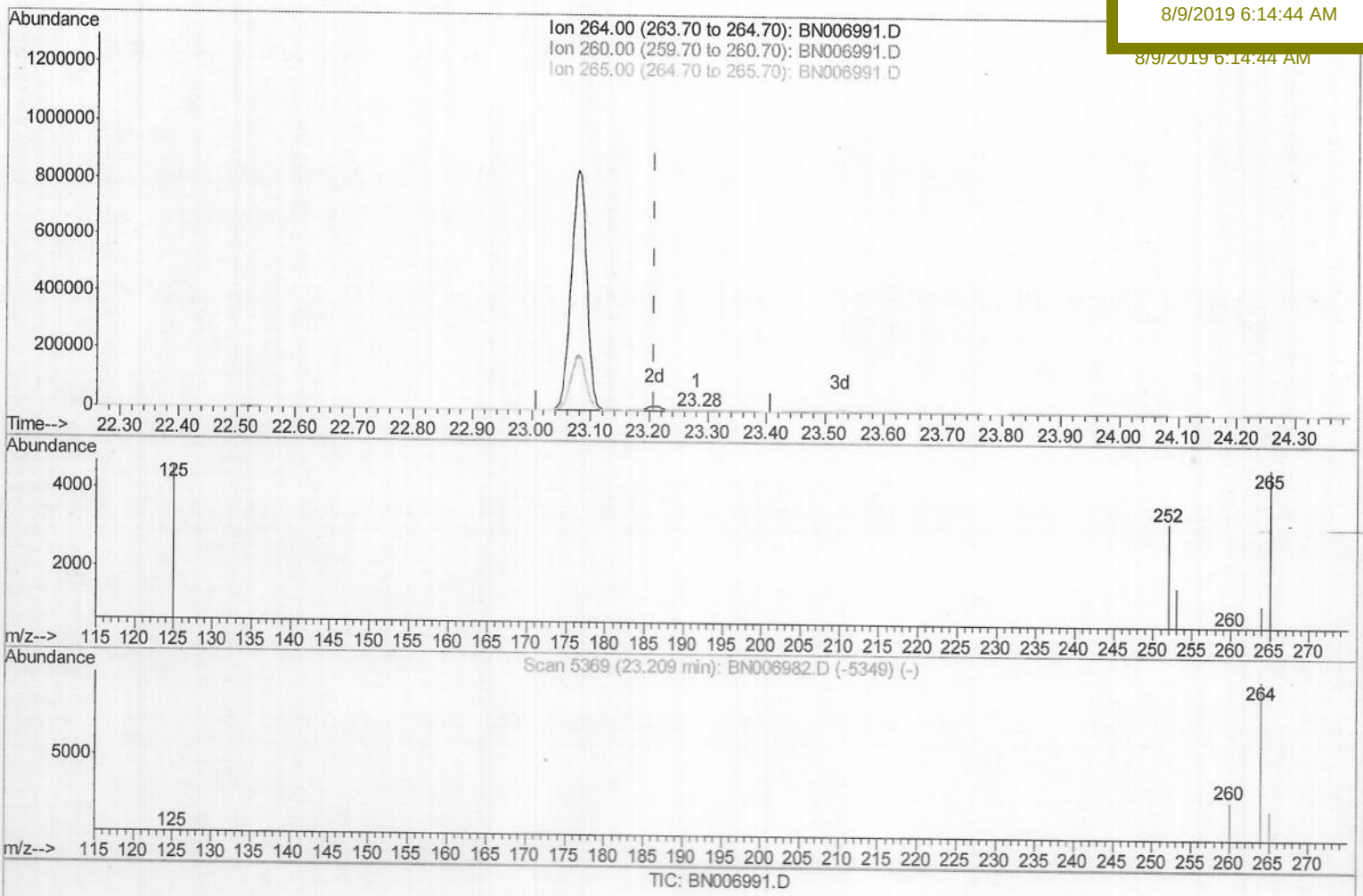
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM



TIC: BN006991.D

(20) Perylene-d12 (I)

23.281min (+0.072) 0.40ng/ul

response 2428

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	54.04#
265.00	27.80	385.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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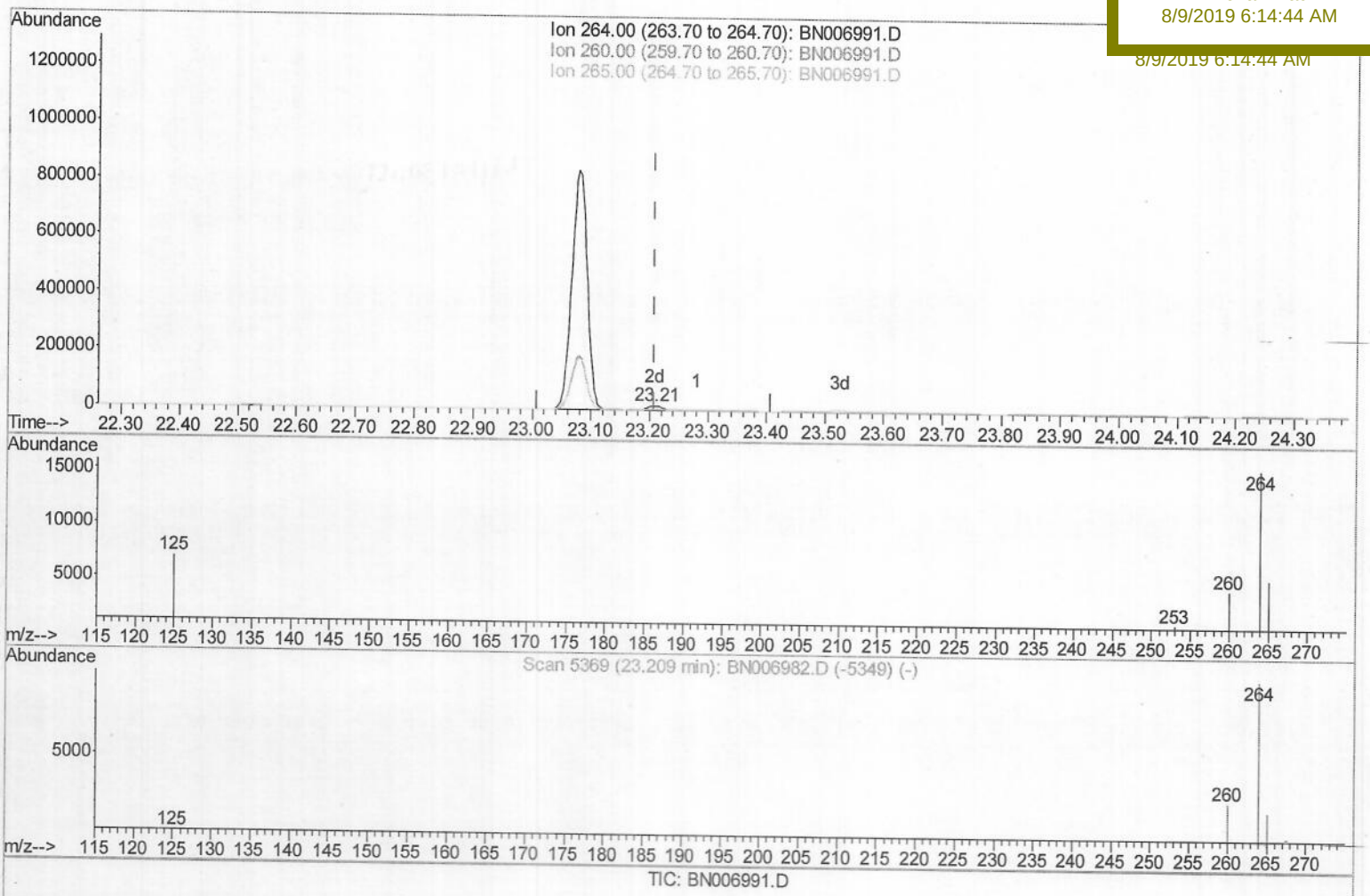
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM



(20) Perylene-d12 (I)

23.208min (-0.001) 0.40ng/ul m JU 08/08/19

response 25731

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	28.94
265.00	27.80	35.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

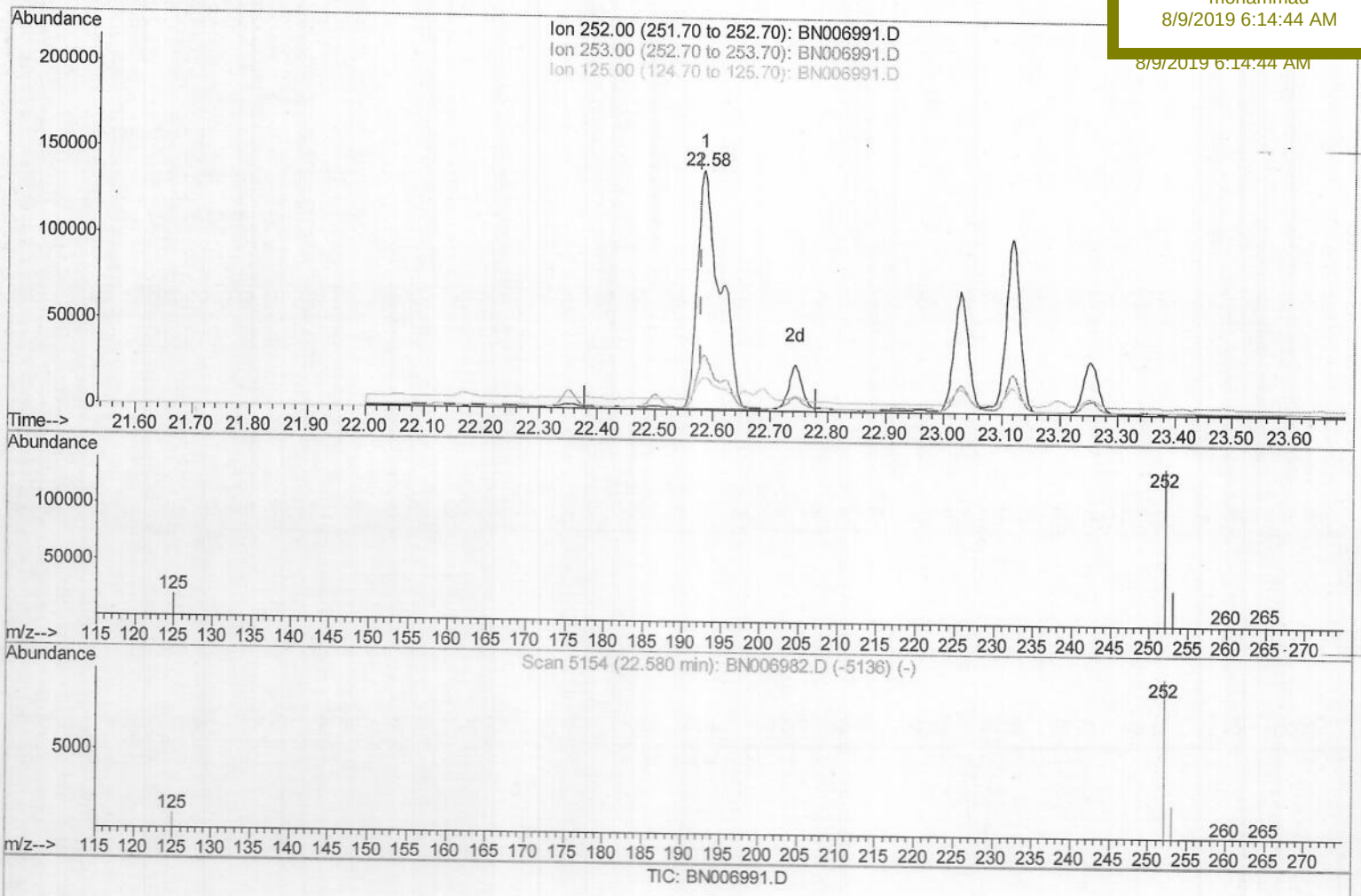
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM

8/9/2019 6:14:44 AM



TIC: BN006991.D

(21) Benzo(b)fluoranthene

22.585min (+0.005) 3.64ng/ul

response 379868

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.05
125.00	11.10	13.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
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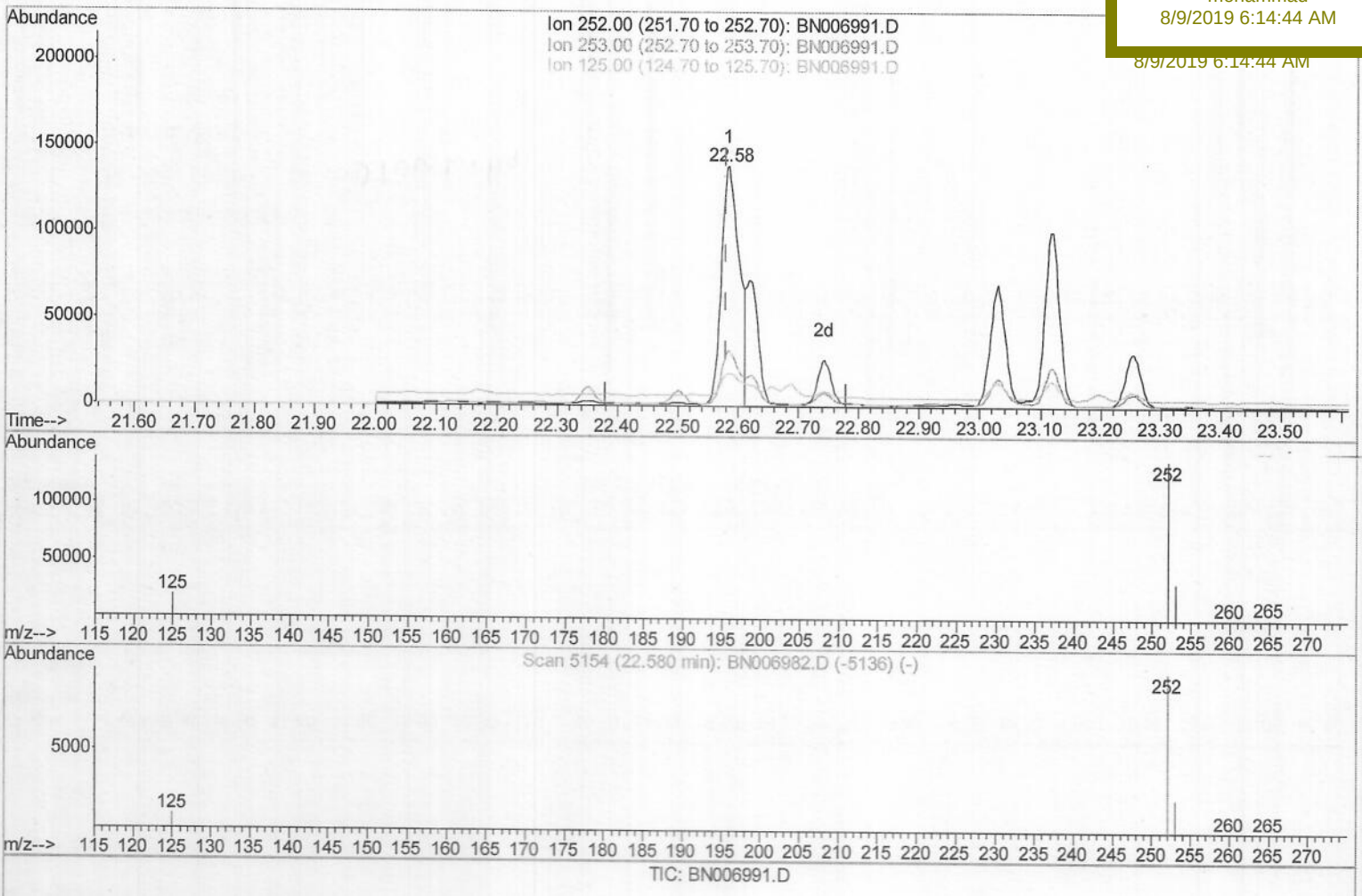
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM



TIC: BN006991.D

(21) Benzo(b)fluoranthene

22.585min (+0.005) 2.75ng/ul m) JU 08/08/19

response 287017

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.05
125.00	11.10	13.75
0.00	0.00	0.00

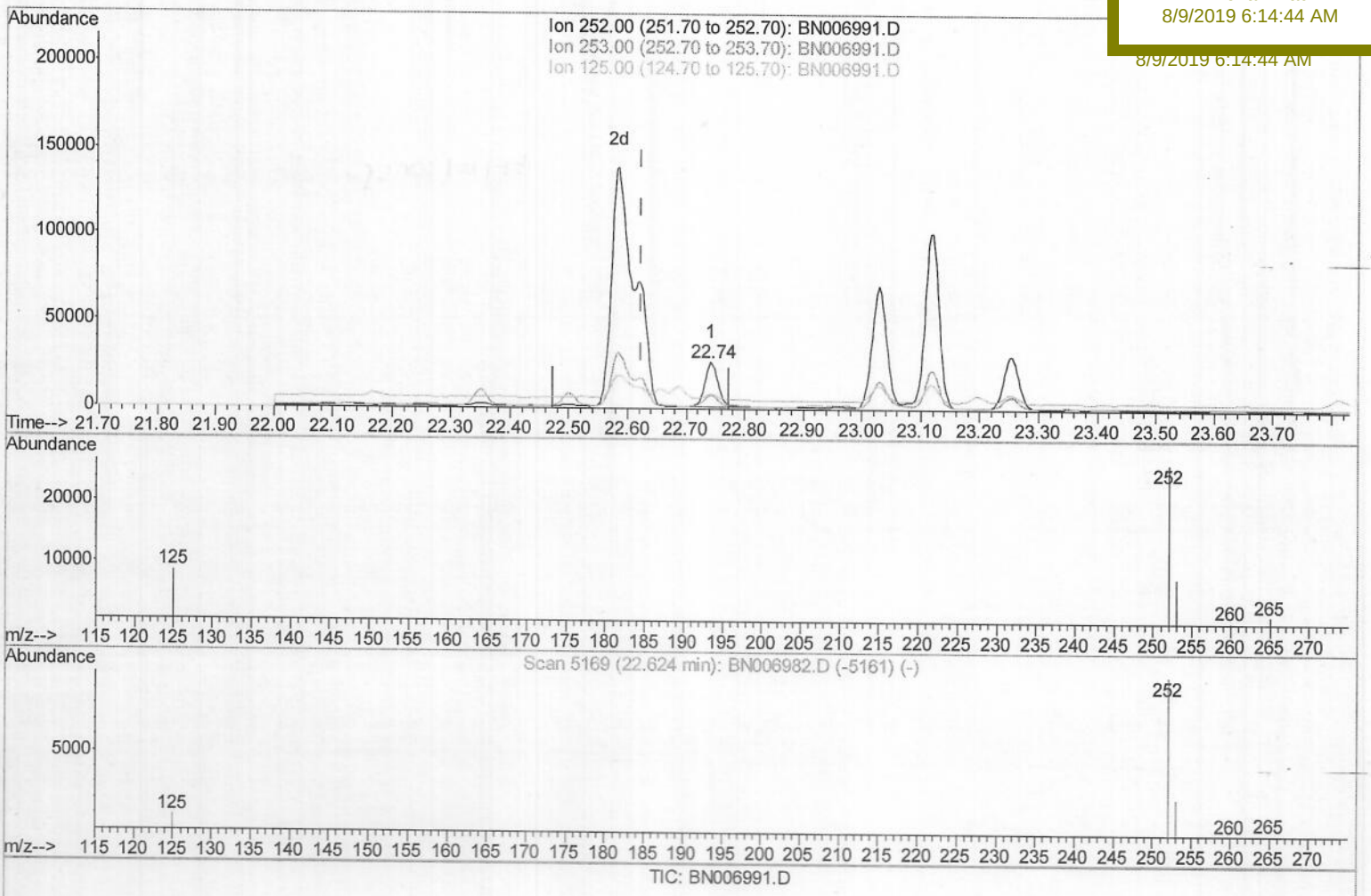
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM



(22) Benzo(k)fluoranthene

22.743min (+0.119) 0.42ng/ul

response 42698

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	29.49#
125.00	10.90	31.86#
0.00	0.00	0.00

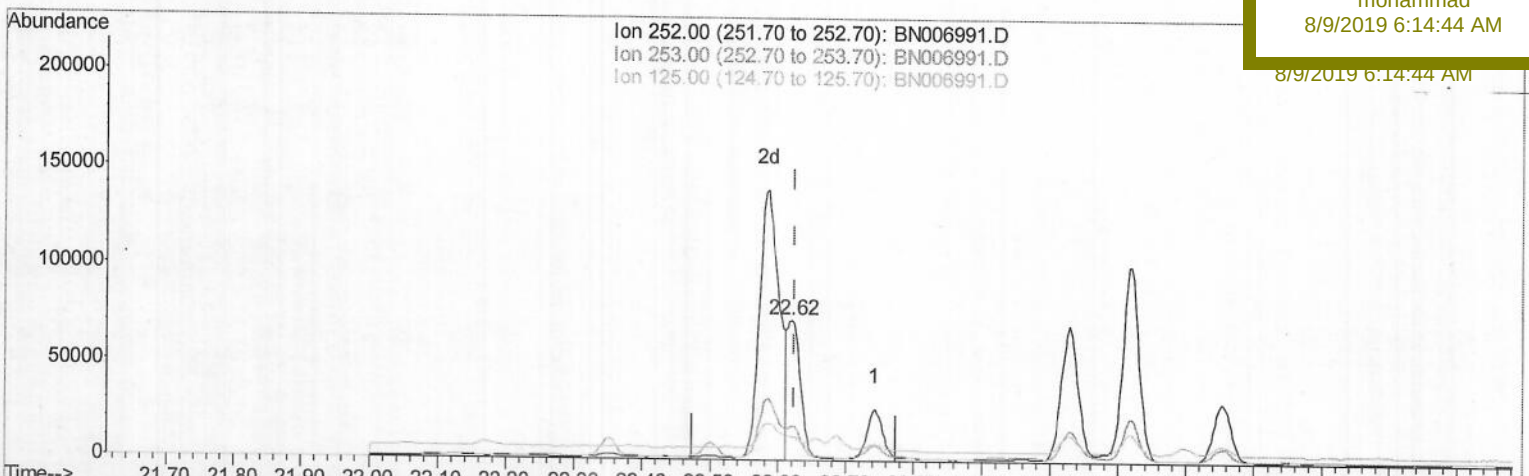
Quantitation Report (Qedit)

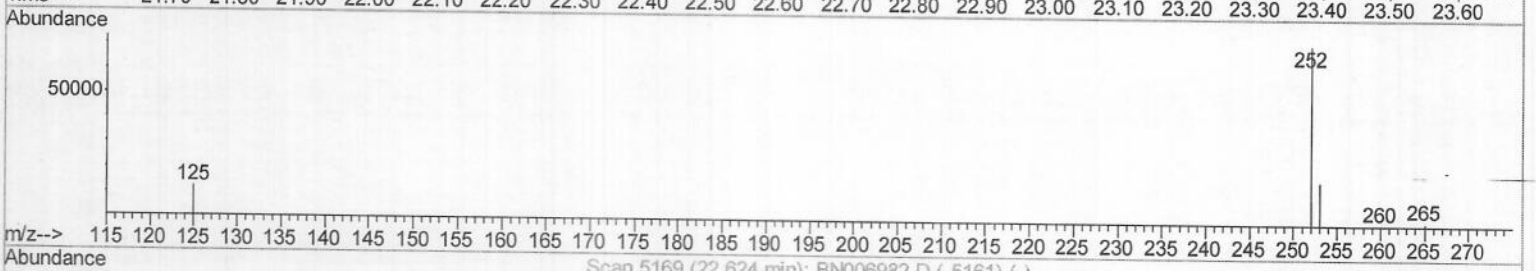
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

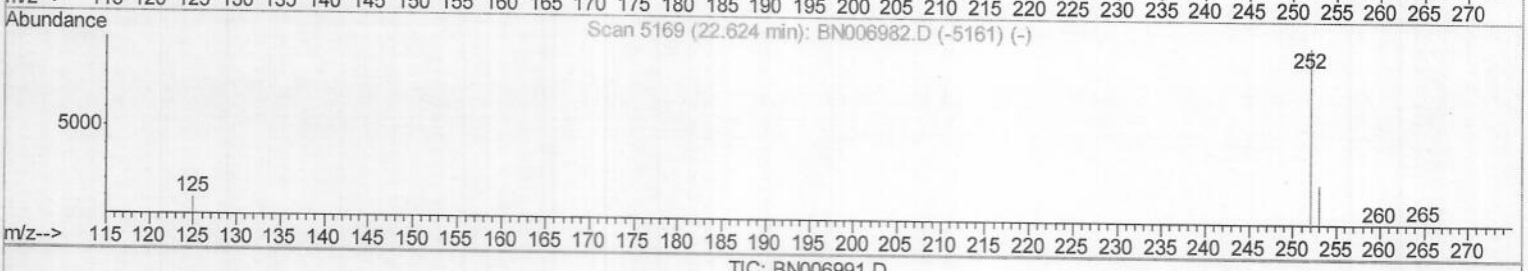
Quant Time: Aug 07 18:26:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM







TIC: BN006991.D

(22) Benzo(k)fluoranthene

22.620min (-0.004) 1.00ng/ul m JU 08/08/19

response 100843

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	24.38
125.00	10.90	16.72#
0.00	0.00	0.00

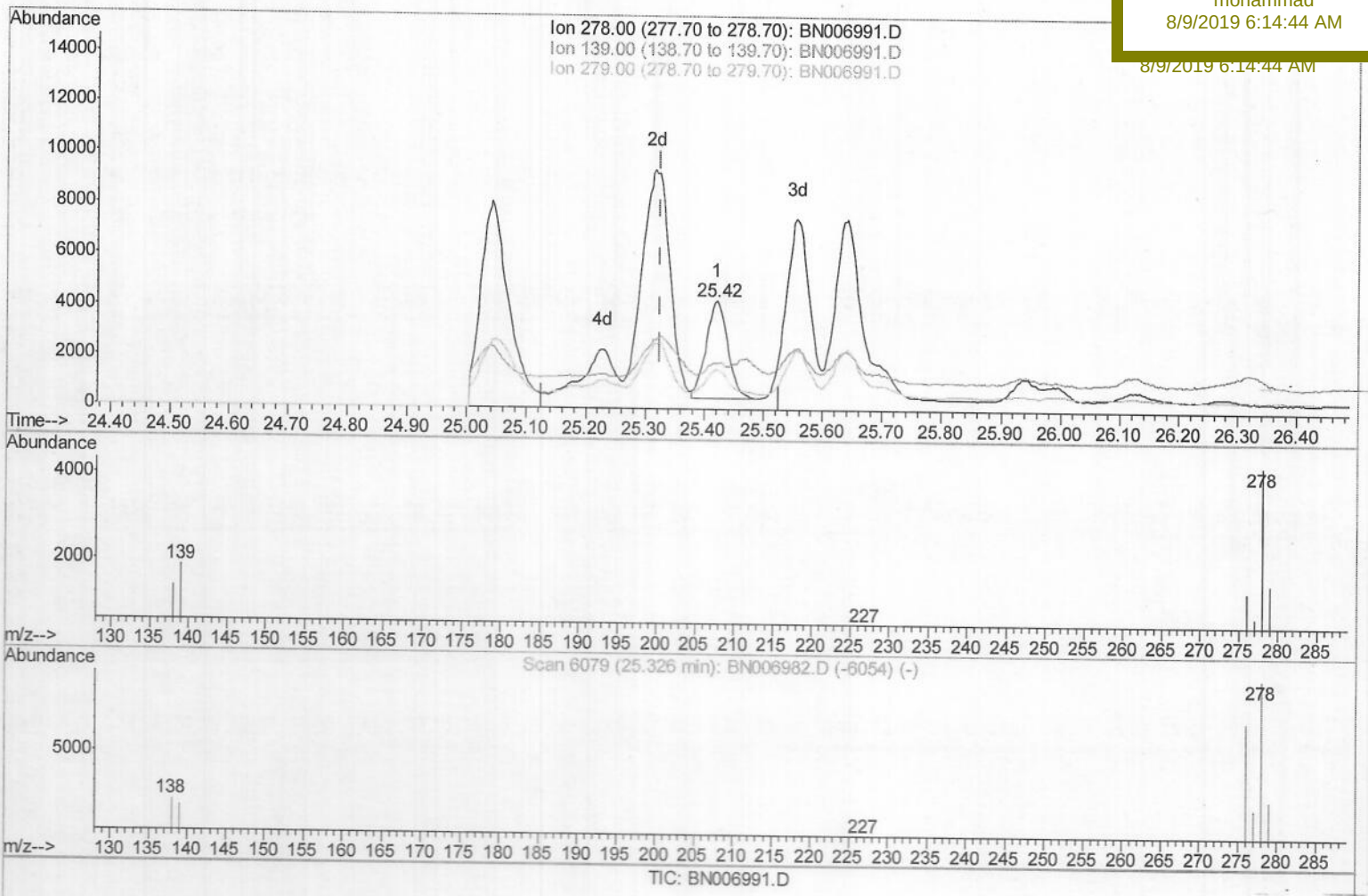
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM



TIC: BN006991.D

(25) Dibenzo(a,h)anthracene

25.422min (+0.096) 0.12ng/ul

response 9909

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	42.96#
279.00	24.50	36.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

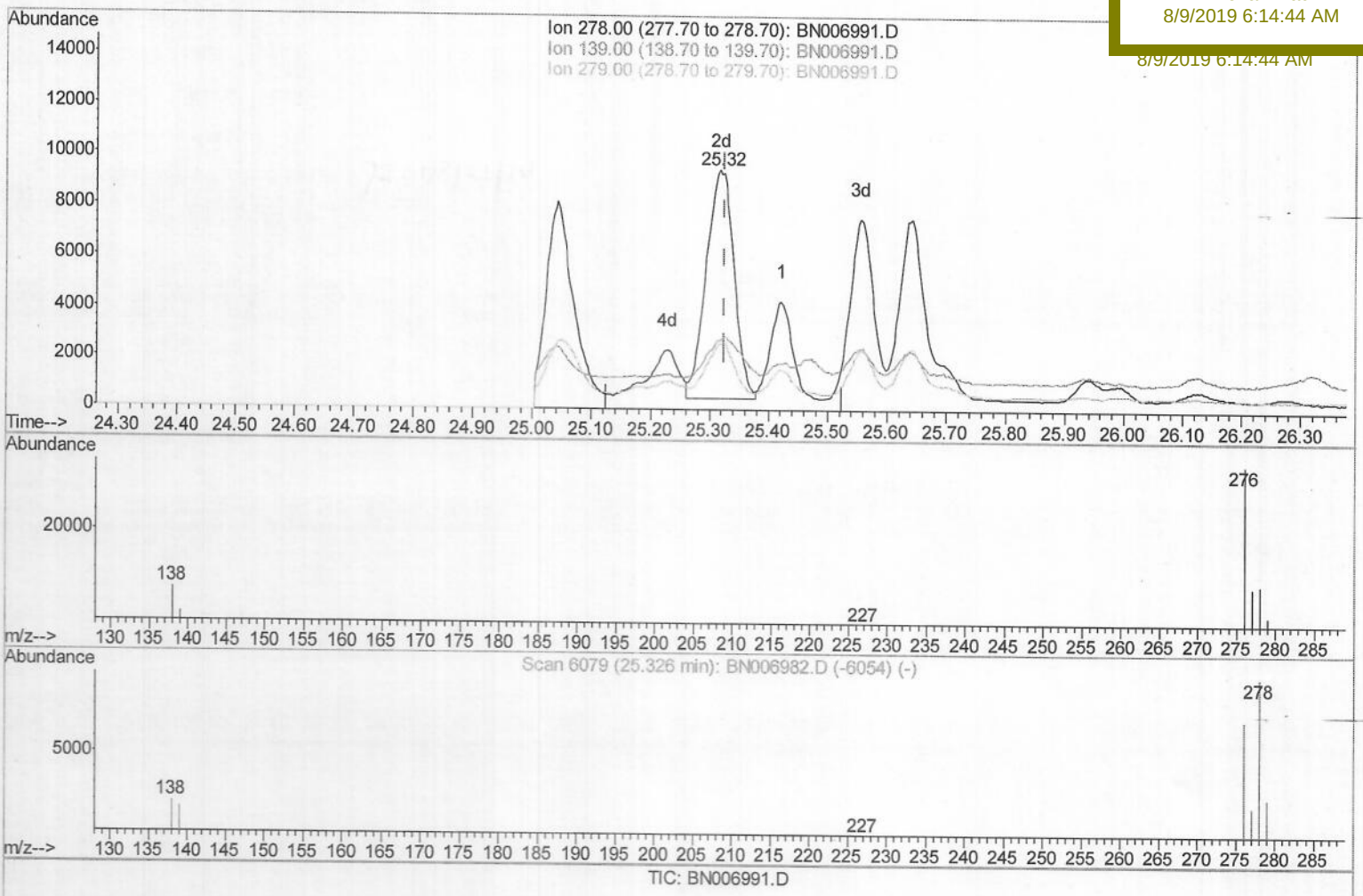
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:26:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM

8/9/2019 6:14:44 AM



TIC: BN006991.D

(25) Dibenzo(a,h)anthracene

25.318min (-0.008) 0.35ng/ul m) JU 08/08/19

response 29724

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	29.21#
279.00	24.50	27.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006991.D
Acq On : 07 Aug 2019 17:21
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 18:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEP19

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:44 AM
8/9/2019 6:14:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6420	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	26262	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	16368	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	41445m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	32683m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	25731m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	10306	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	29972m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	3653	0.048	ng/ul#	90
5) 2-Methylnaphthalene	11.91	142	4222	0.074	ng/ul	99
7) Acenaphthylene	13.83	152	32655	0.344	ng/ul	100
8) Acenaphthene	14.18	153	3742	0.058	ng/ul	97
9) Fluorene	15.17	166	17065	0.217	ng/ul	100
12) Phenanthrene	16.90	178	302223m	2.288	ng/ul	
13) Anthracene	17.00	178	50821m	0.376	ng/ul	
15) Fluoranthene	18.93	202	594995m	3.624	ng/ul	
17) Pyrene	19.30	202	428022	2.933	ng/ul	100
18) Benzo(a)anthracene	21.07	228	248829m	1.733	ng/ul	
19) Chrysene	21.12	228	236614	1.760	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	287017m	2.751	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	100843m	0.997	ng/ul	
23) Benzo(a)pyrene	23.12	252	164386	1.674	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.31	276	110431	1.043	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.32	278	29724m	0.352	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	91847	1.034	ng/ul	100

JU 08/08/19

JU 08/08/19

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