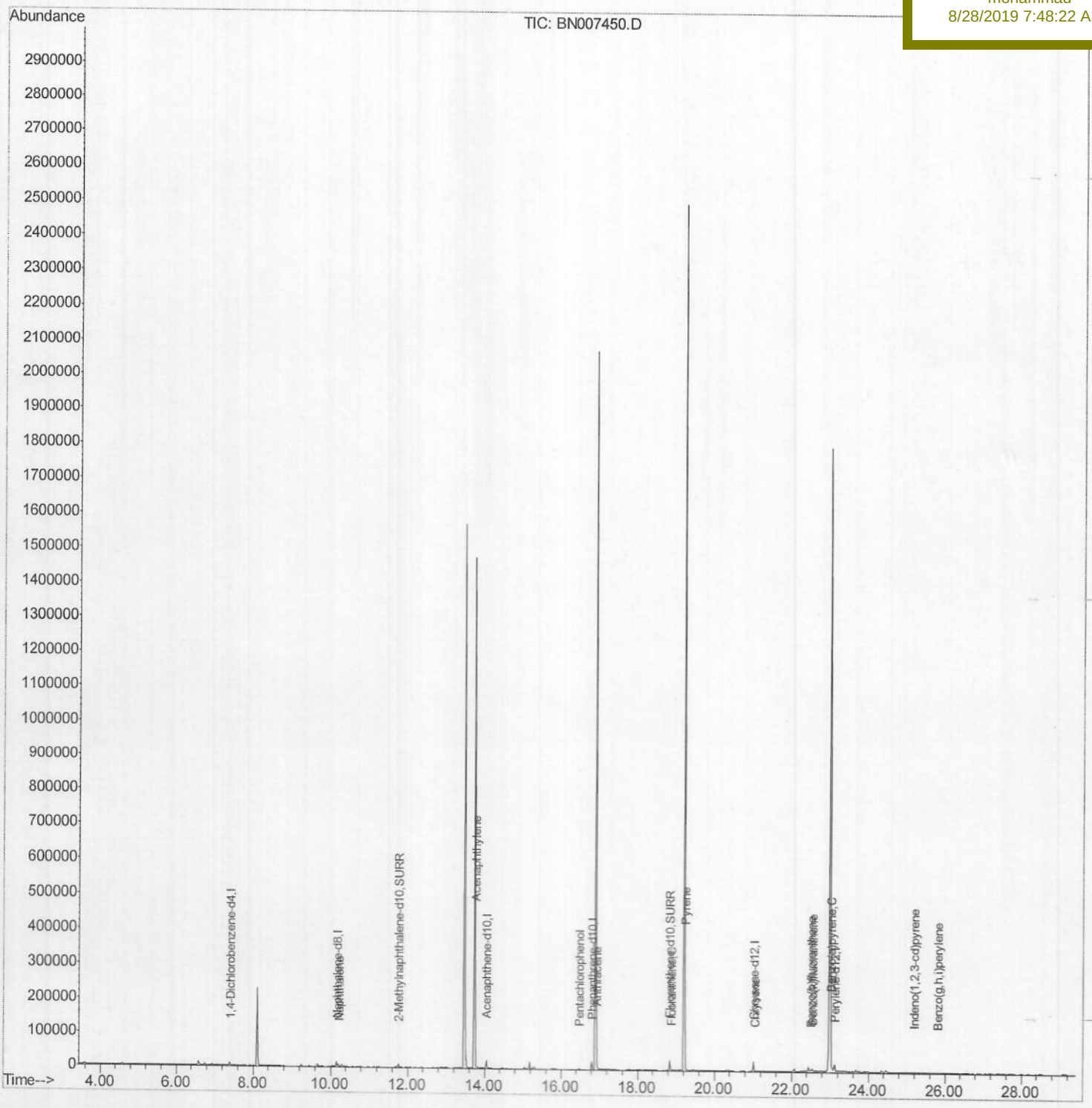
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:49:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



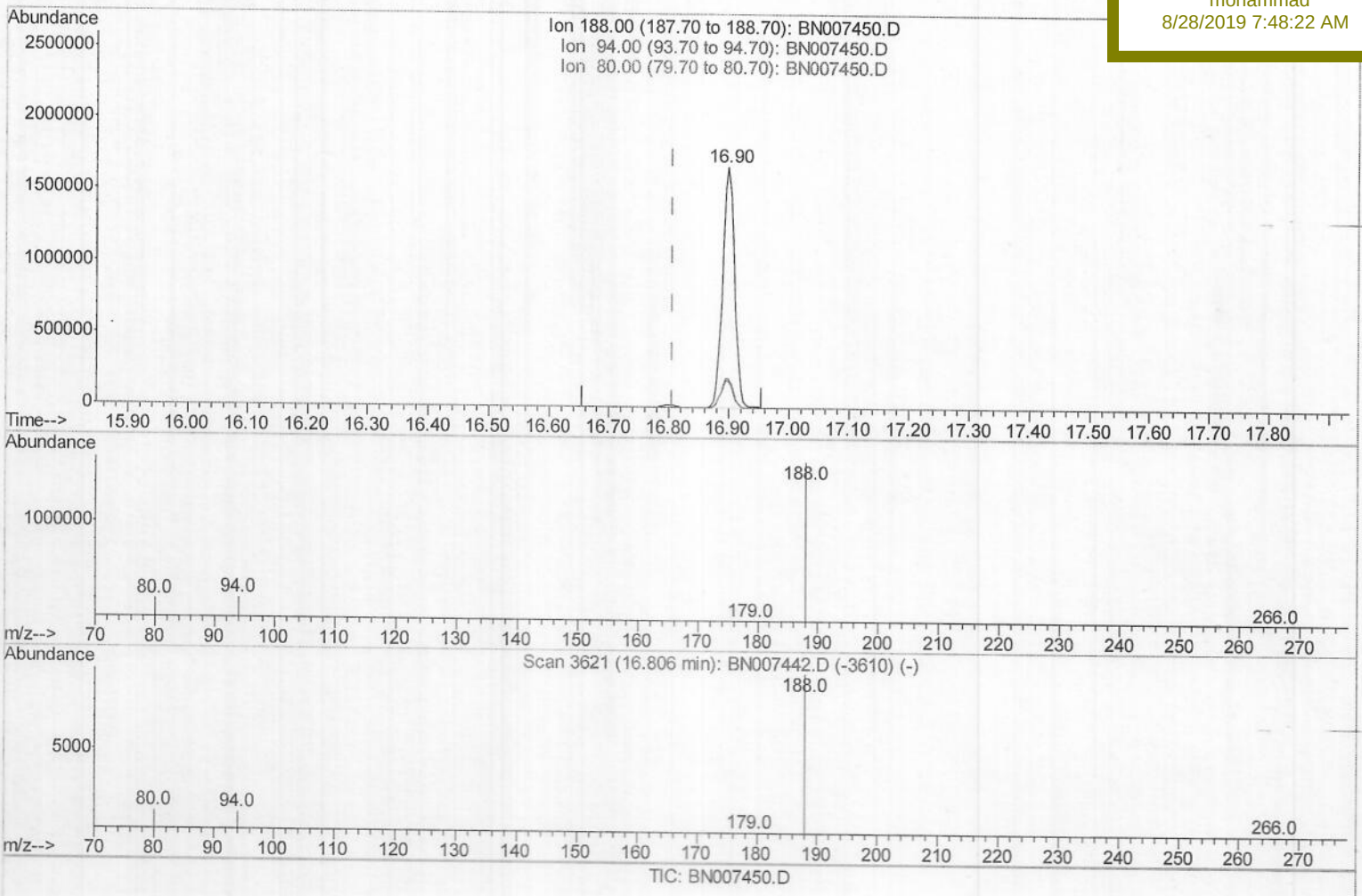
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:40:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(10) Phenanthrene-d10 (I)

16.899min (+0.093) 0.40ng/ul

response 2357056

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.43
80.00	12.40	11.34
0.00	0.00	0.00

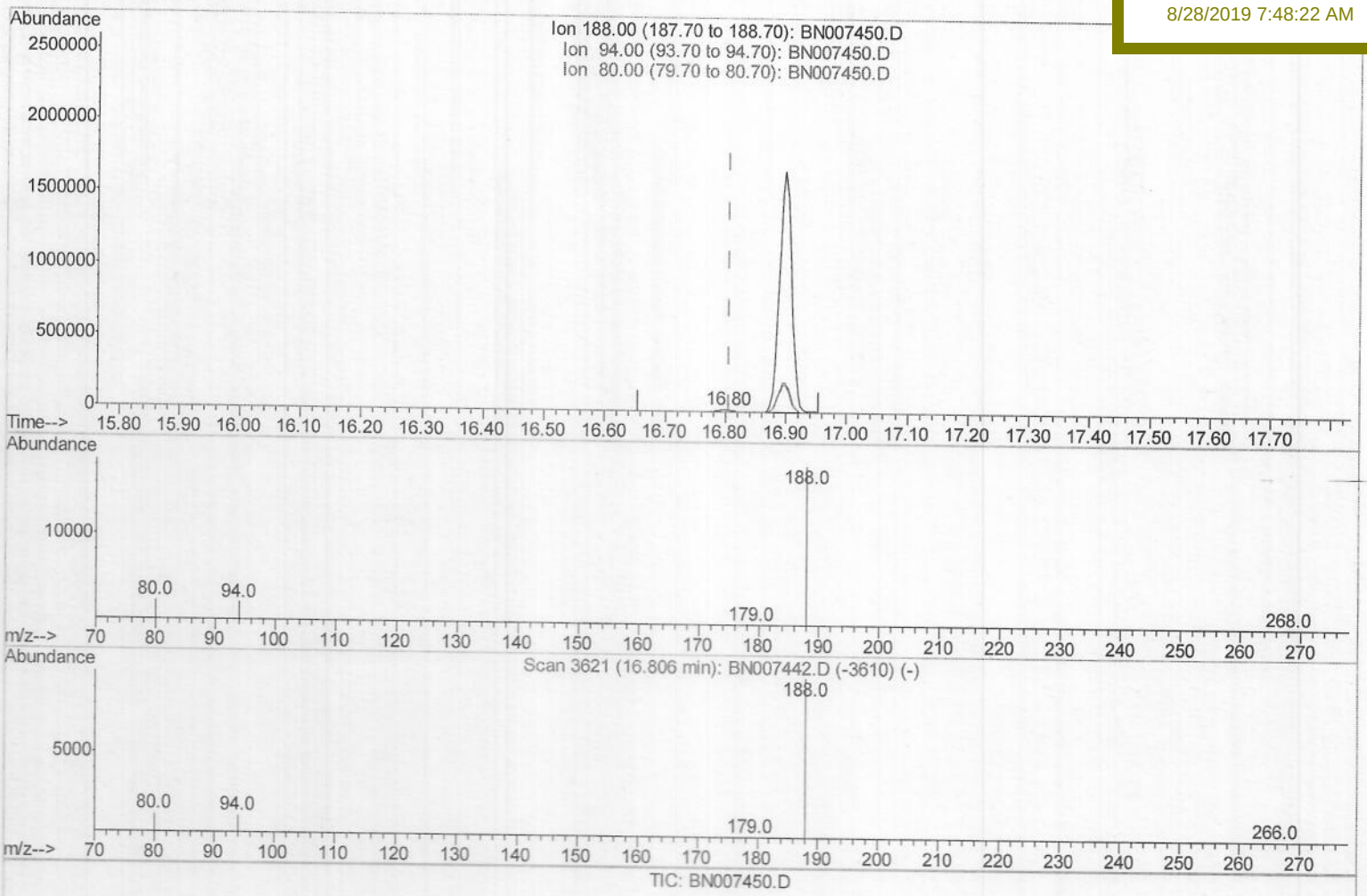
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:40:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(10) Phenanthrene-d10 (I)

16.802min (-0.004) 0.40ng/ul m JU 08/28/19

response 26141

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	10.96
80.00	12.40	12.22
0.00	0.00	0.00

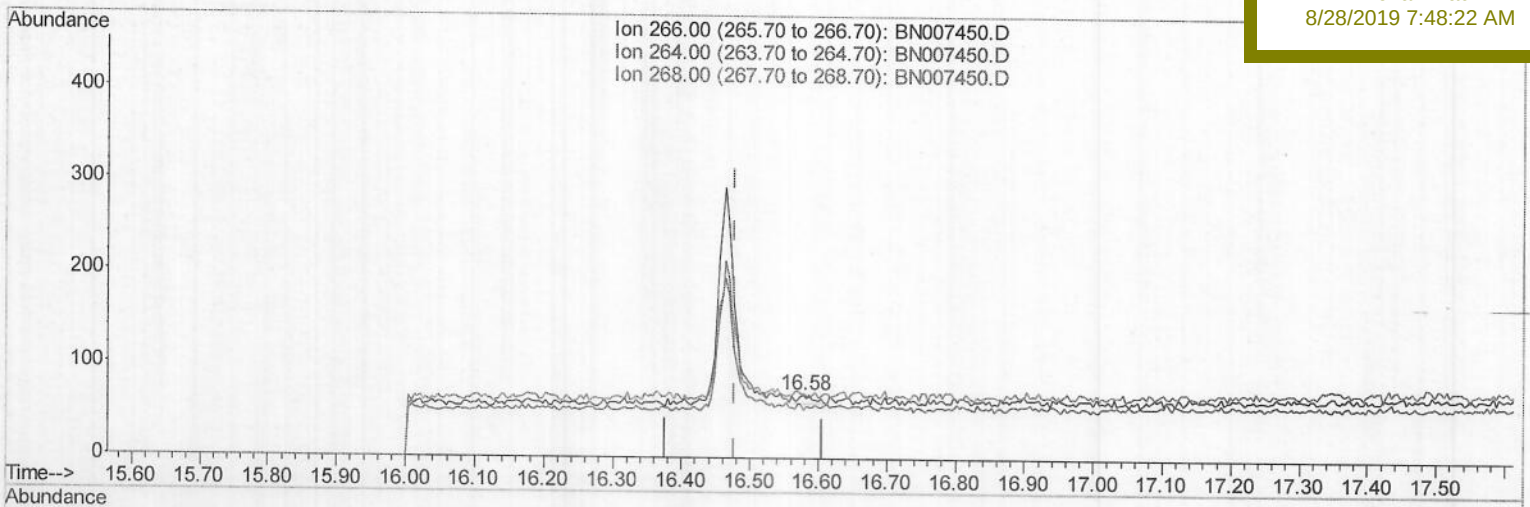
Quantitation Report (Qedit)

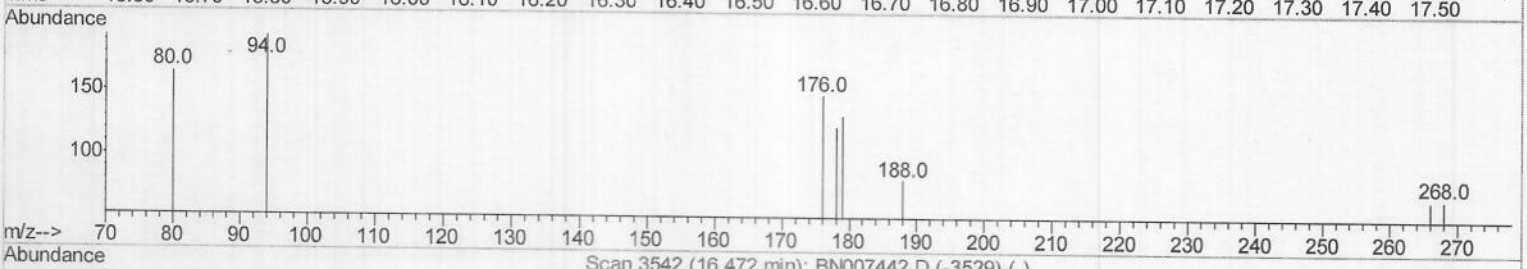
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

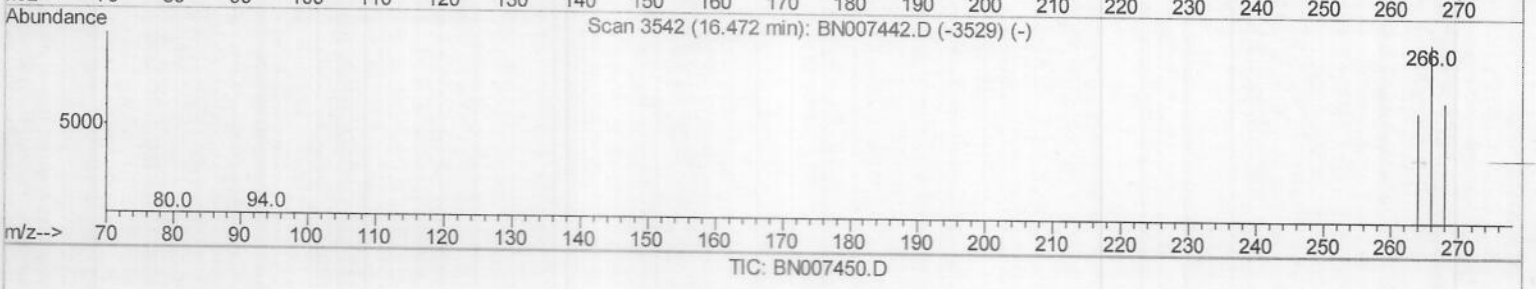
Quant Time: Aug 28 03:42:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM







TIC: BN007450.D

(11) Pentachlorophenol

16.578min (+0.101) 0.00ng/ul

response 12

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	0.00#
268.00	62.70	58.33
0.00	0.00	0.00

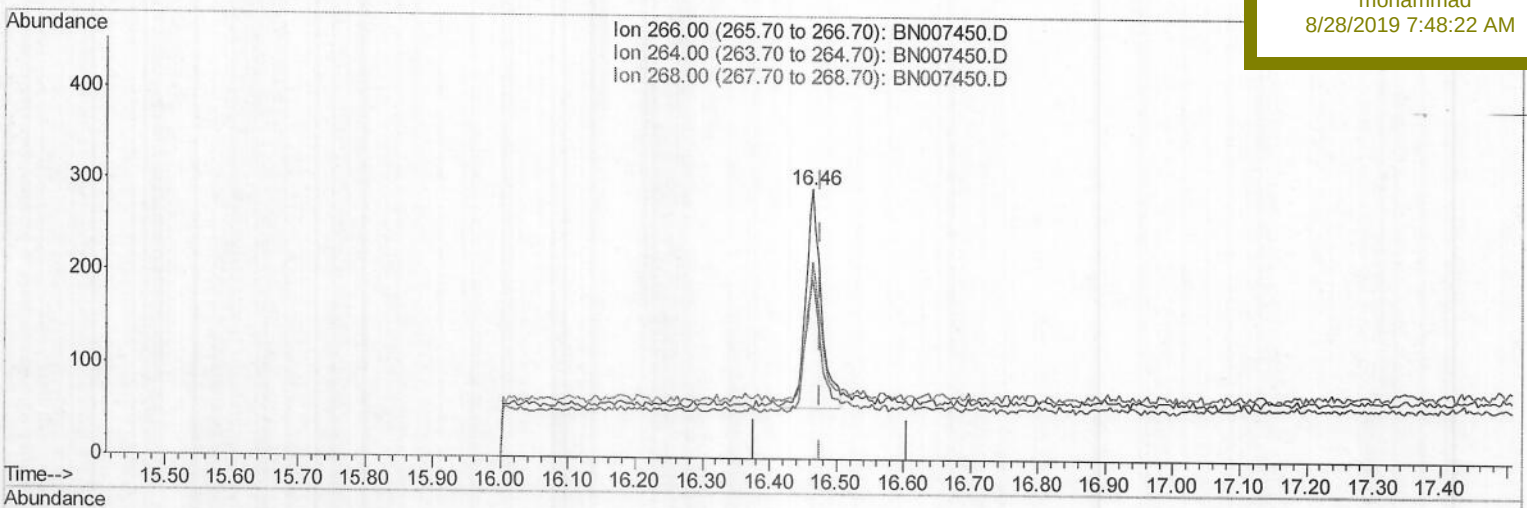
Quantitation Report (Qedit)

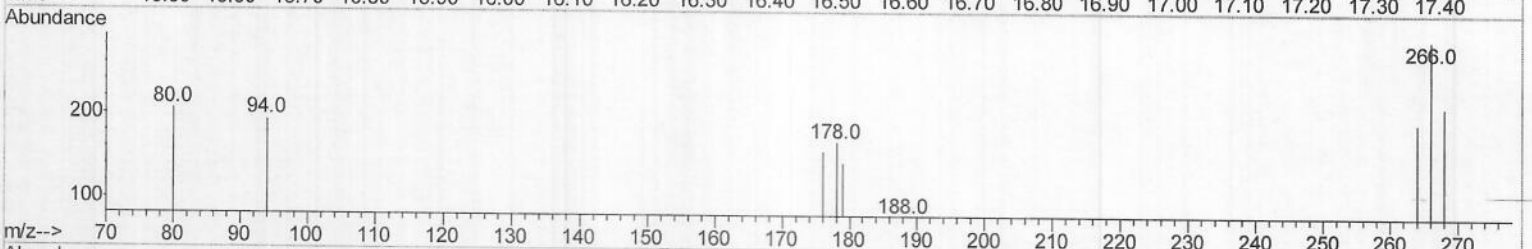
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

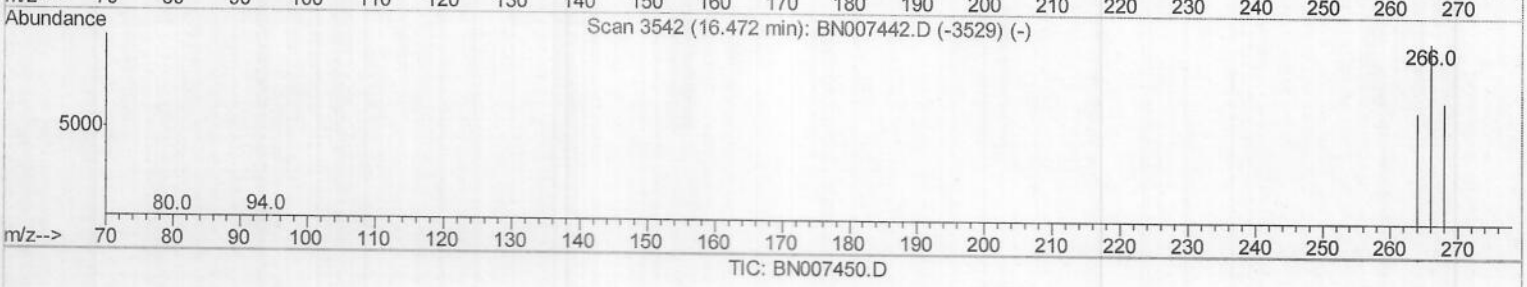
Quant Time: Aug 28 03:42:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM







TIC: BN007450.D

(11) Pentachlorophenol

16.464min (-0.013) 0.07ng/ul m JJU 08128119

response 385

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	0.00#
268.00	62.70	1.82#
0.00	0.00	0.00

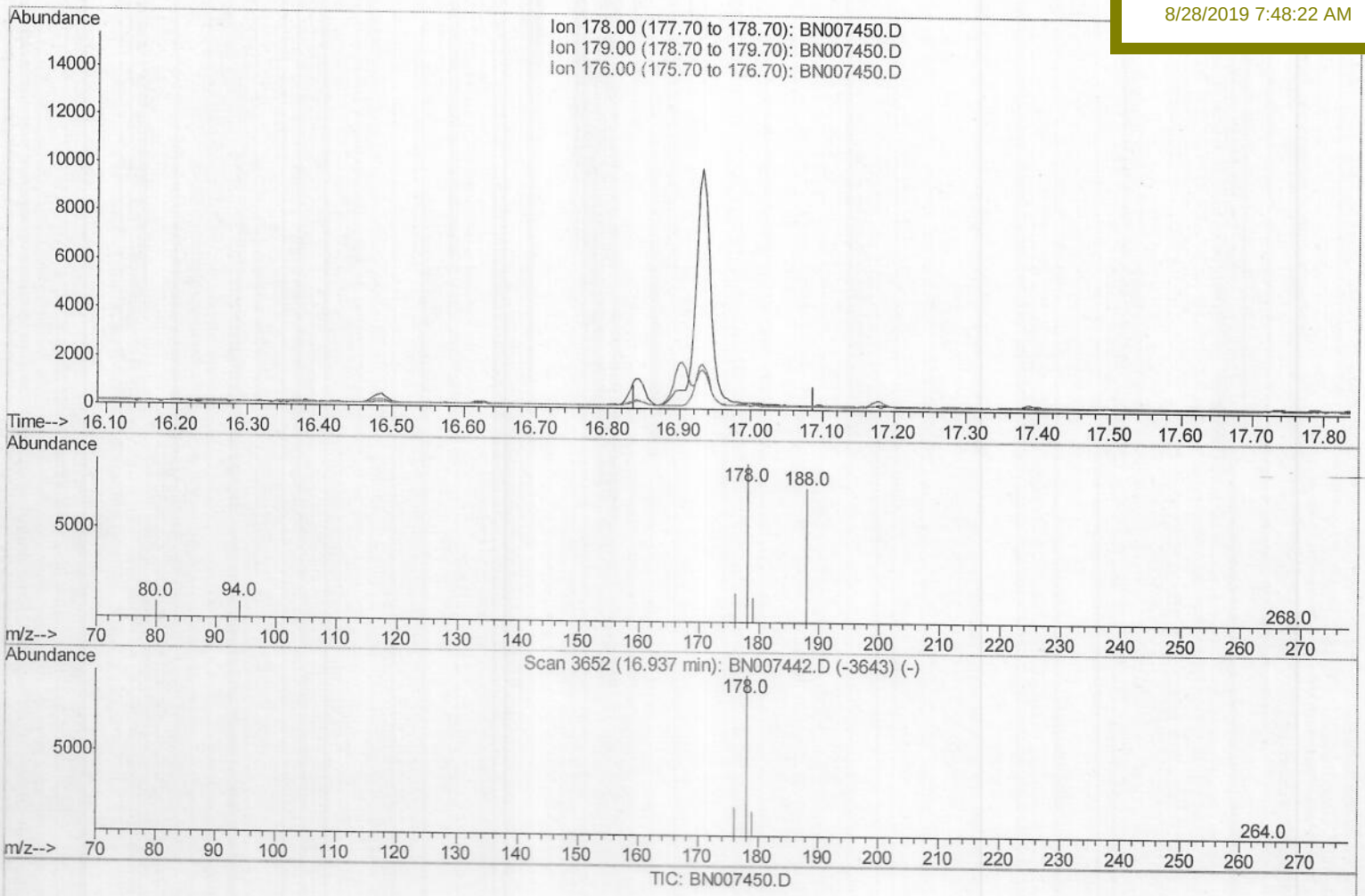
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:42:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(13) Anthracene

16.937min (-16.937) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	16.00	0.00#
176.00	18.20	0.00#
0.00	0.00	0.00

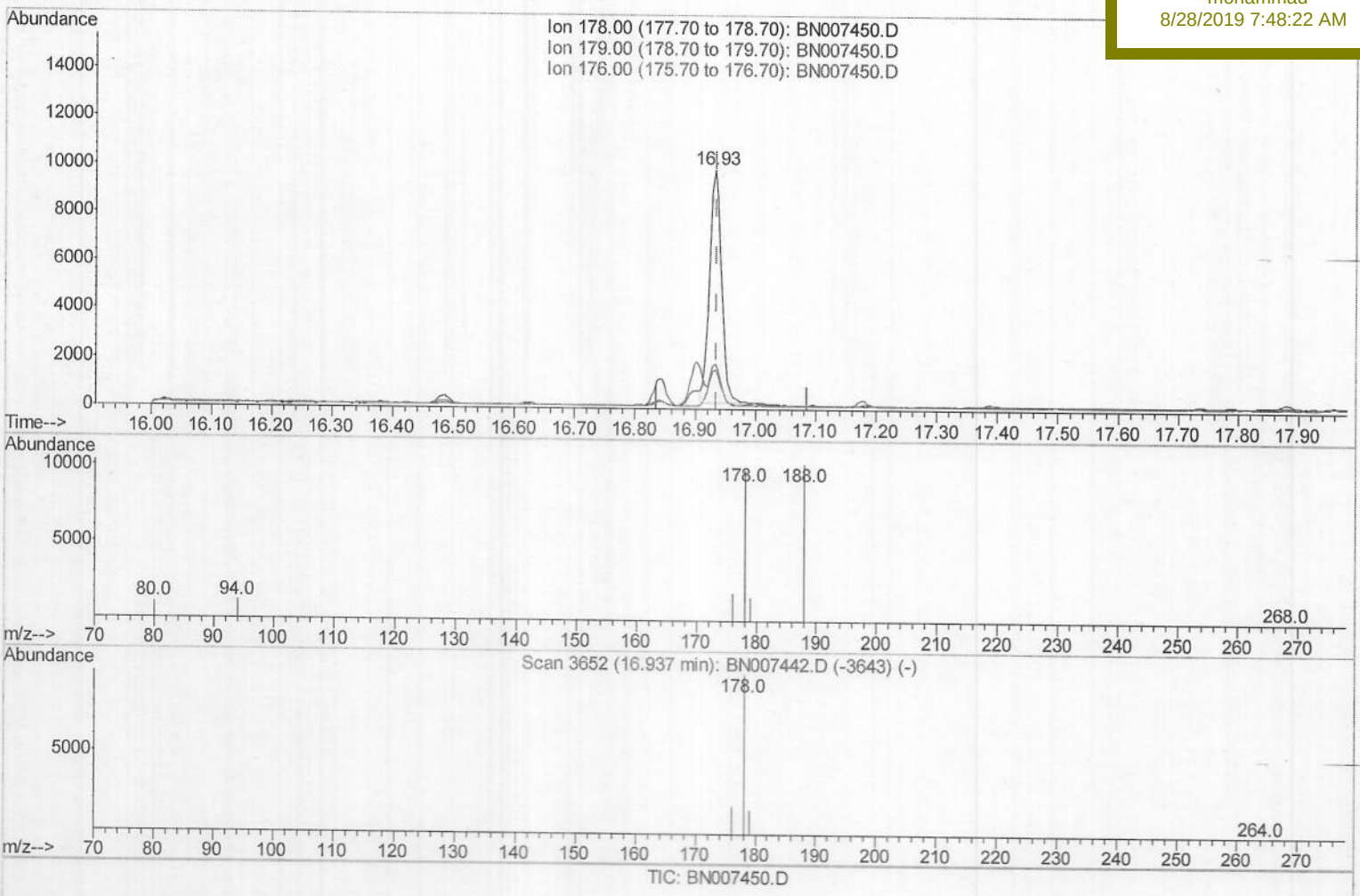
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:42:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(13) Anthracene

16.933min (-0.004) 0.17ng/ul m JU 08/28/19

response 13144

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.47
176.00	18.20	18.83
0.00	0.00	0.00

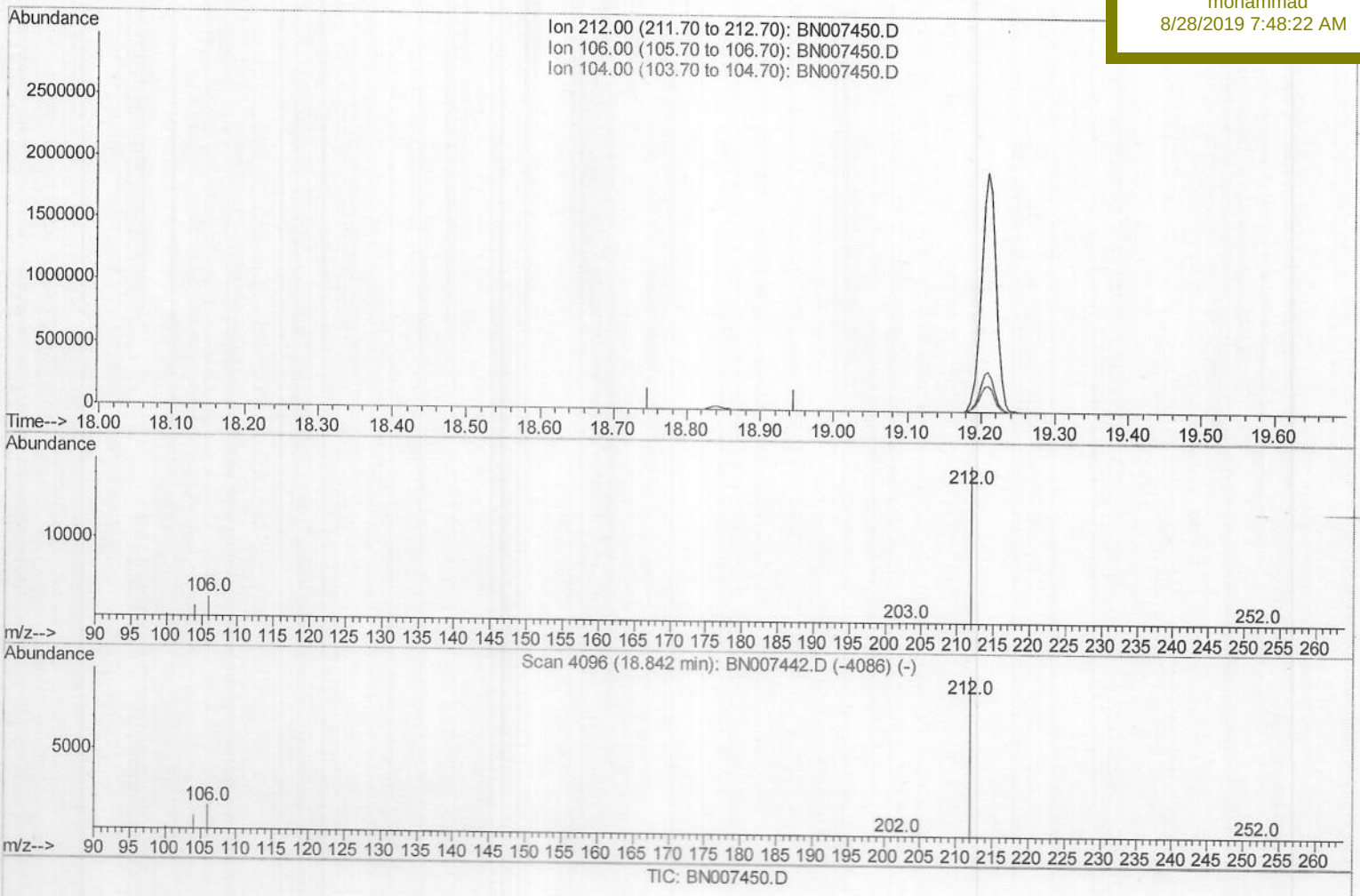
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:42:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



(14) Fluoranthene-d10 (SURR)

18.847min (-18.847) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.30	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

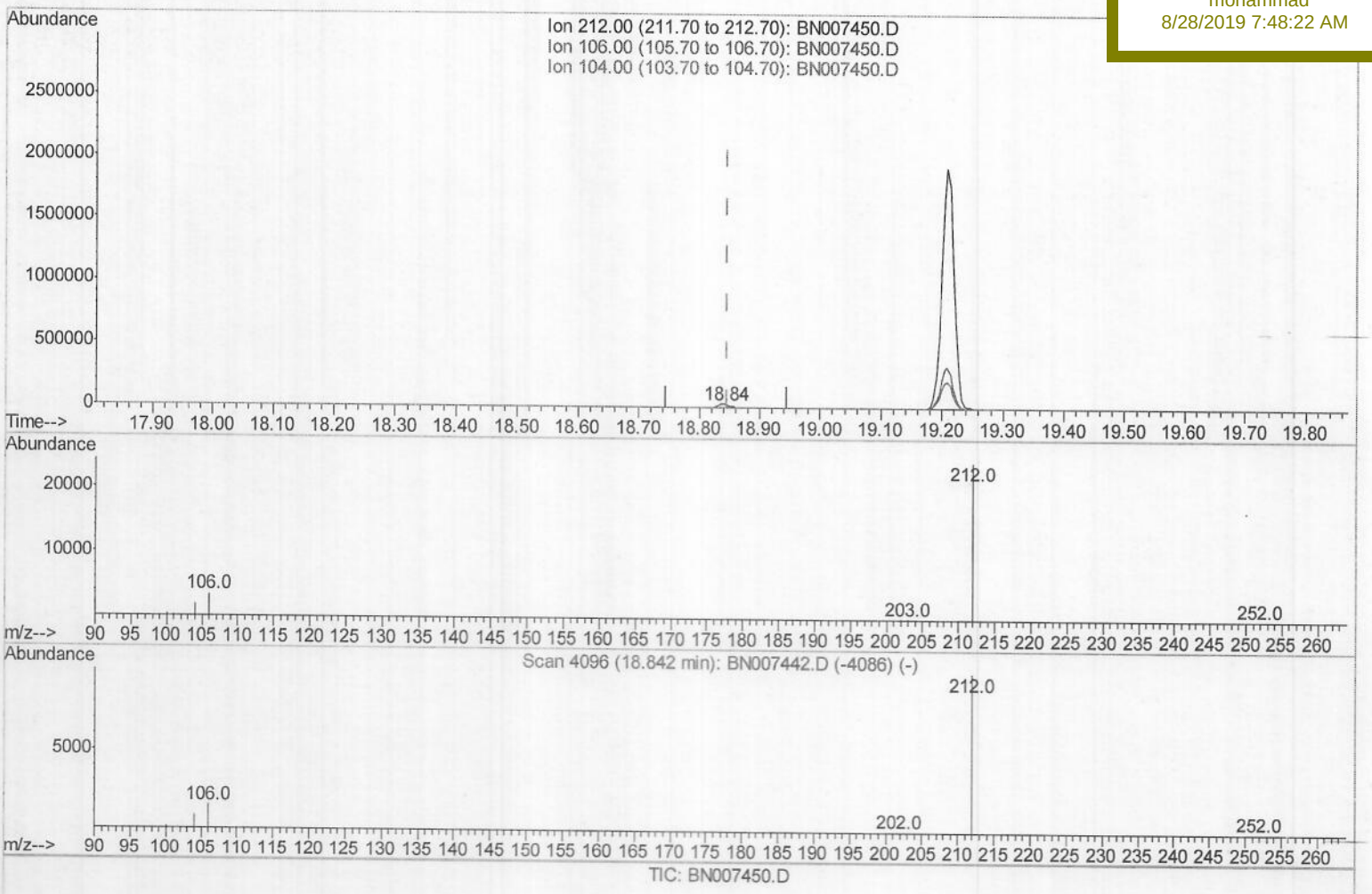
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:42:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(14) Fluoranthene-d10 (SURR)

18.842min (-0.005) 0.38ng/ul m JU 08/28/19

response 32030

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

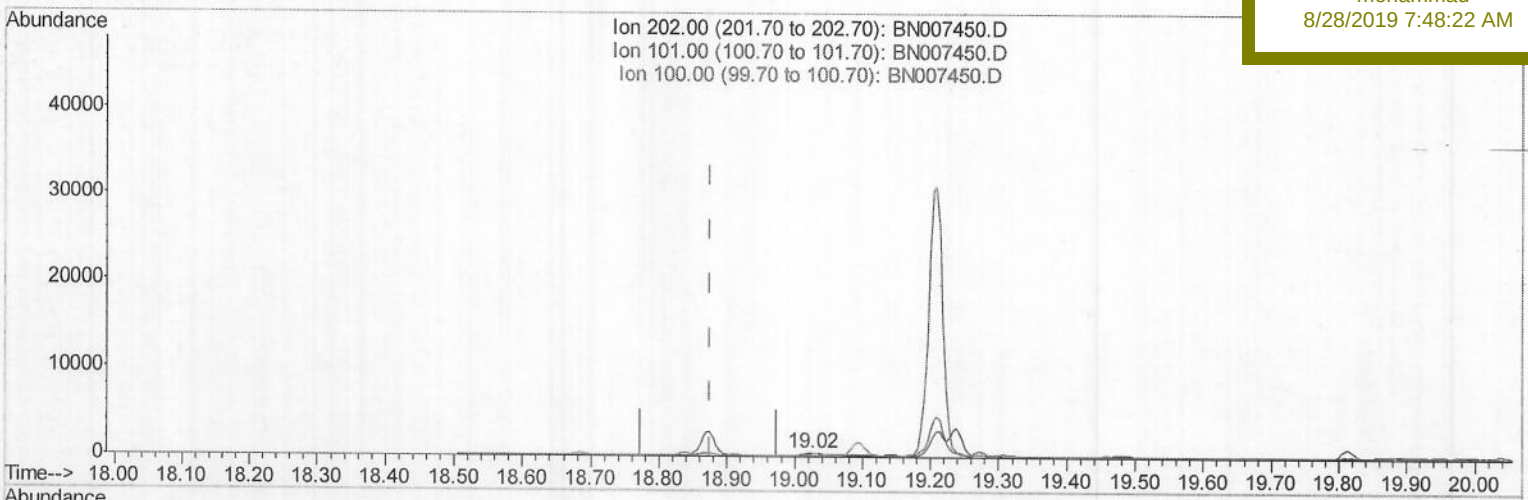
Quantitation Report (Qedit)

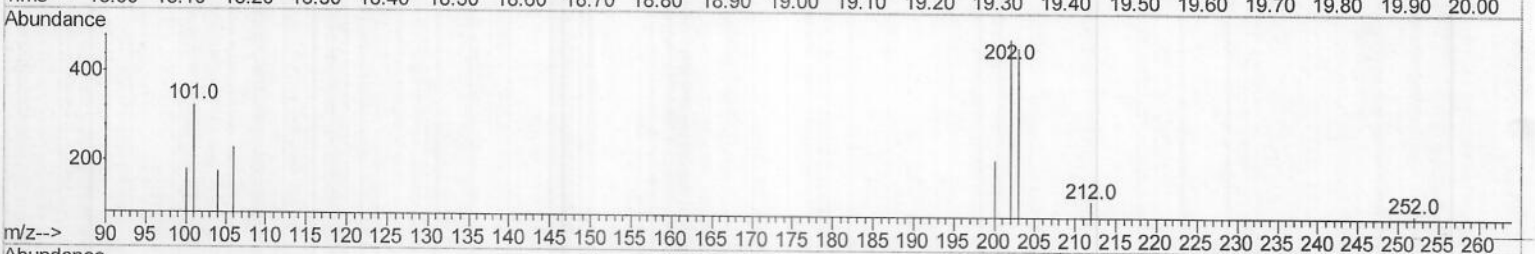
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

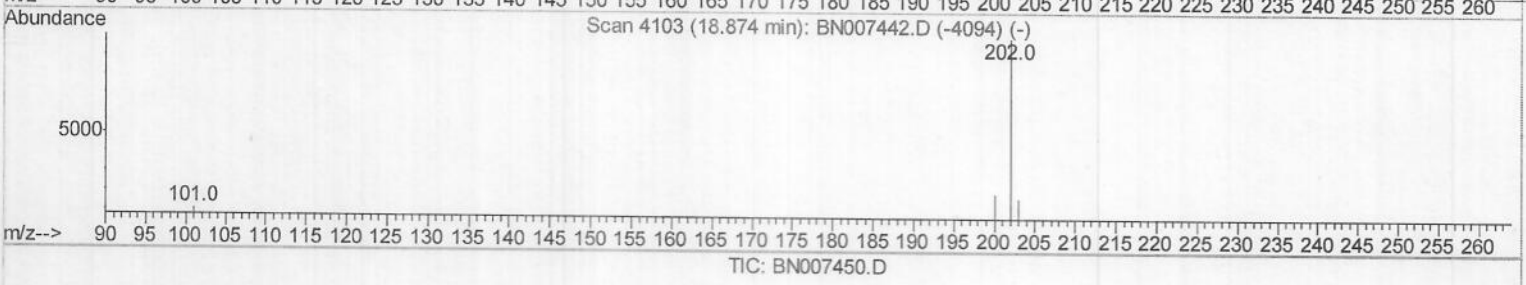
Quant Time: Aug 28 03:44:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM







(15) Fluoranthene (C)

19.023min (+0.149) 0.00ng/ul

response 475

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	66.94#
100.00	8.50	37.40#
0.00	0.00	0.00

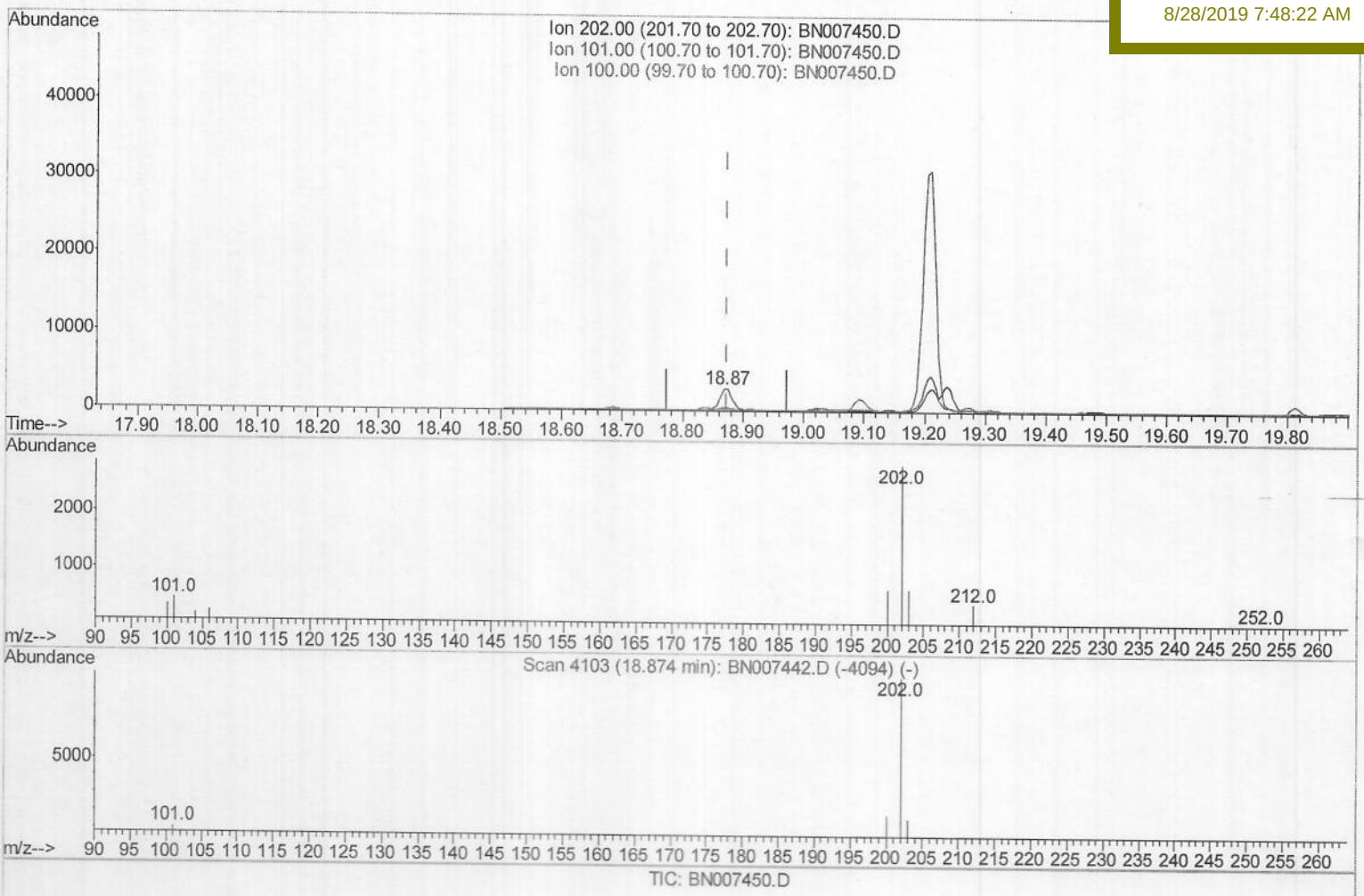
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:44:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(15) Fluoranthene (C)

18.870min (-0.005) 0.03ng/ul m JU 08/28/19

response 3772

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	15.83
100.00	8.50	11.68
0.00	0.00	0.00

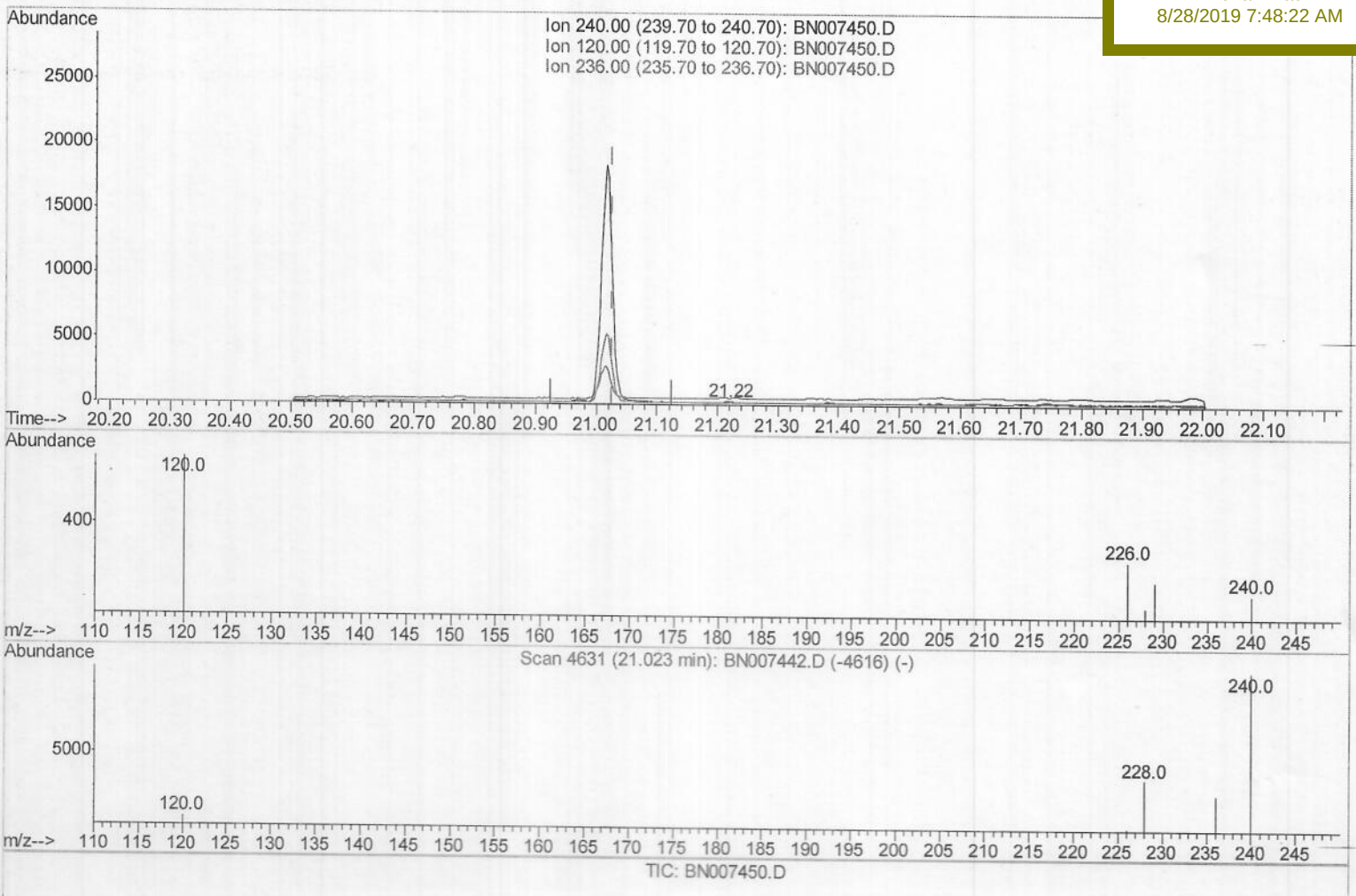
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:44:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



(16) Chrysene-d12 (I)

21.219min (+0.193) 0.40ng/ul

response 119

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	211.28#
236.00	28.60	79.77#
0.00	0.00	0.00

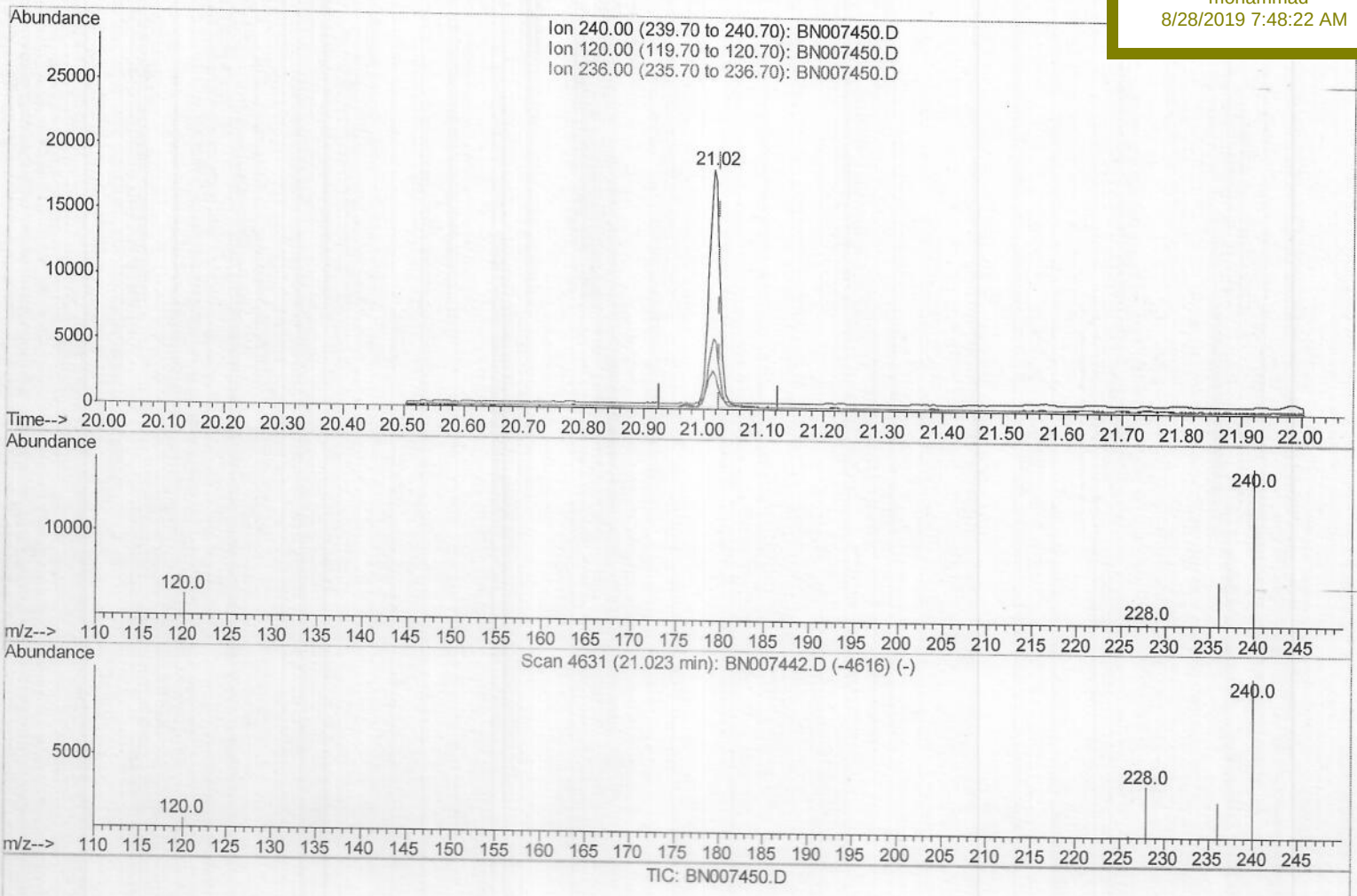
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:44:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



(16) Chrysene-d12 (I)

21.017min (-0.009) 0.40ng/ul m) JU 08/28/19

response 22849

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	15.49
236.00	28.60	29.38
0.00	0.00	0.00

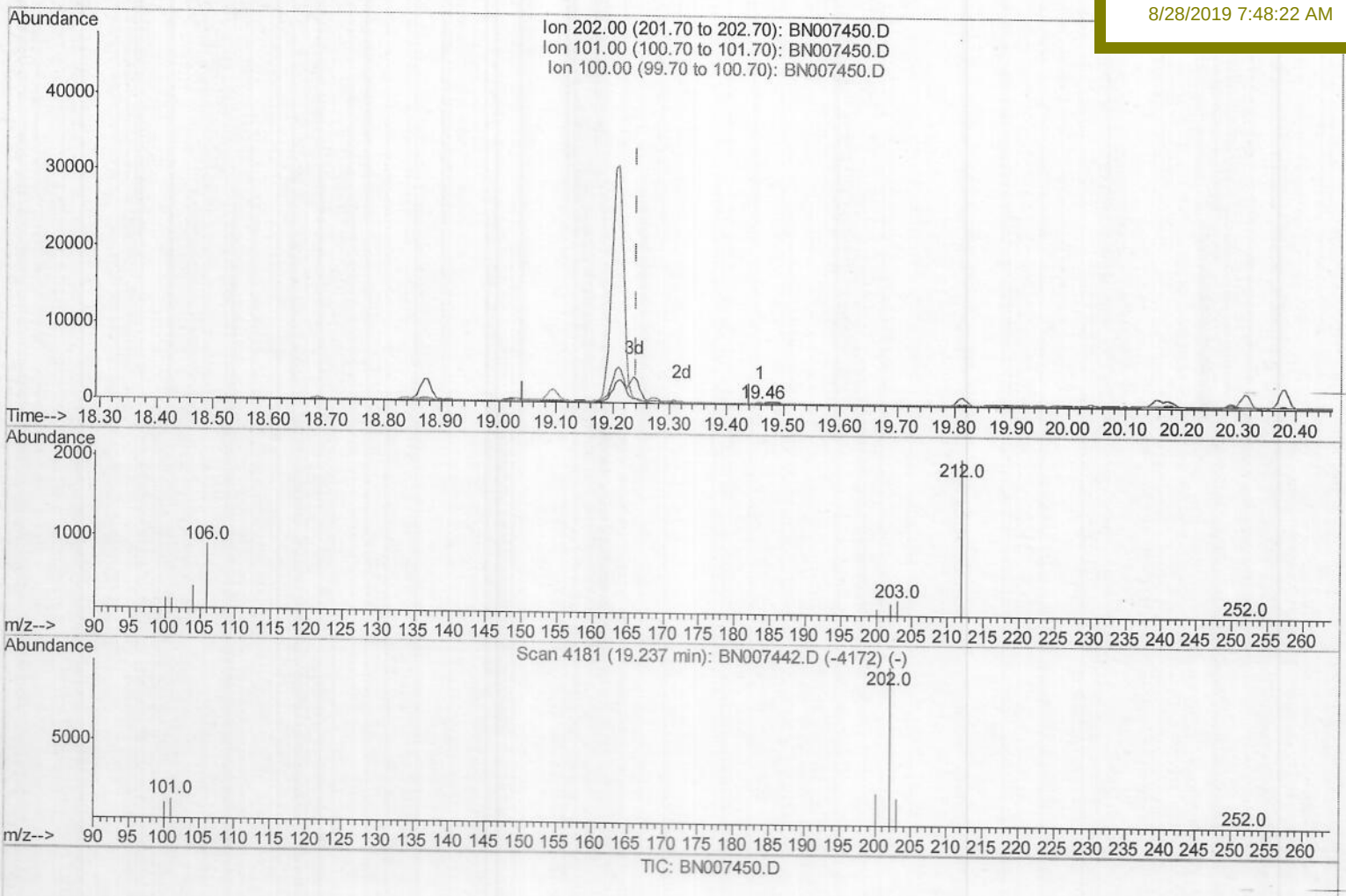
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:45:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



(17) Pyrene

19.460min (+0.218) 0.00ng/ul

response 110

Ion	Exp%	Act%
202.00	100	100
101.00	13.40	88.89#
100.00	10.70	95.30#
0.00	0.00	0.00

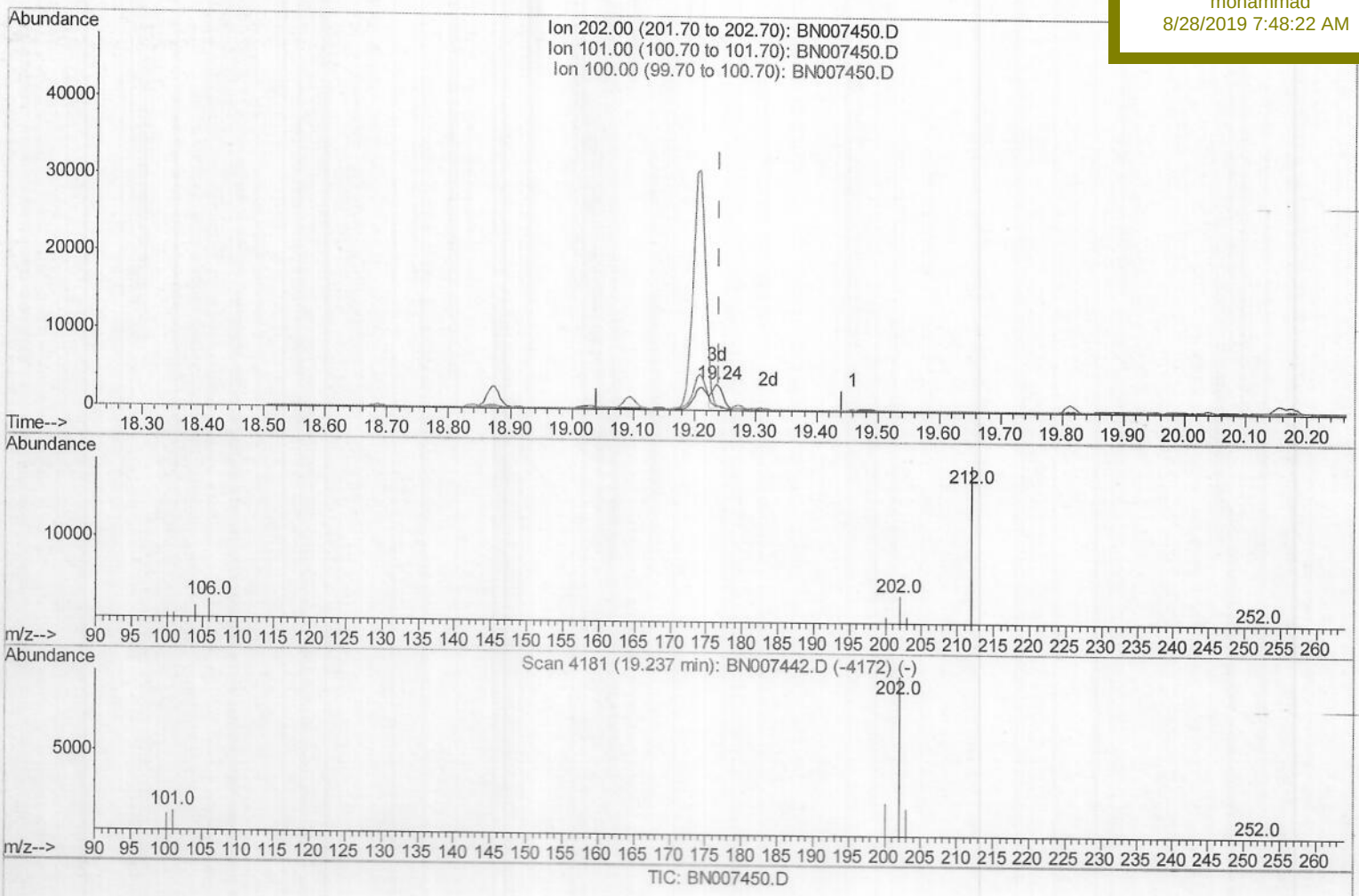
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:45:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



(17) Pyrene

19.237min (-0.005) 0.03ng/ul m JU 08/28/19

response 3804

Ion	Exp%	Act%
202.00	100	100
101.00	13.40	18.75#
100.00	10.70	19.08#
0.00	0.00	0.00

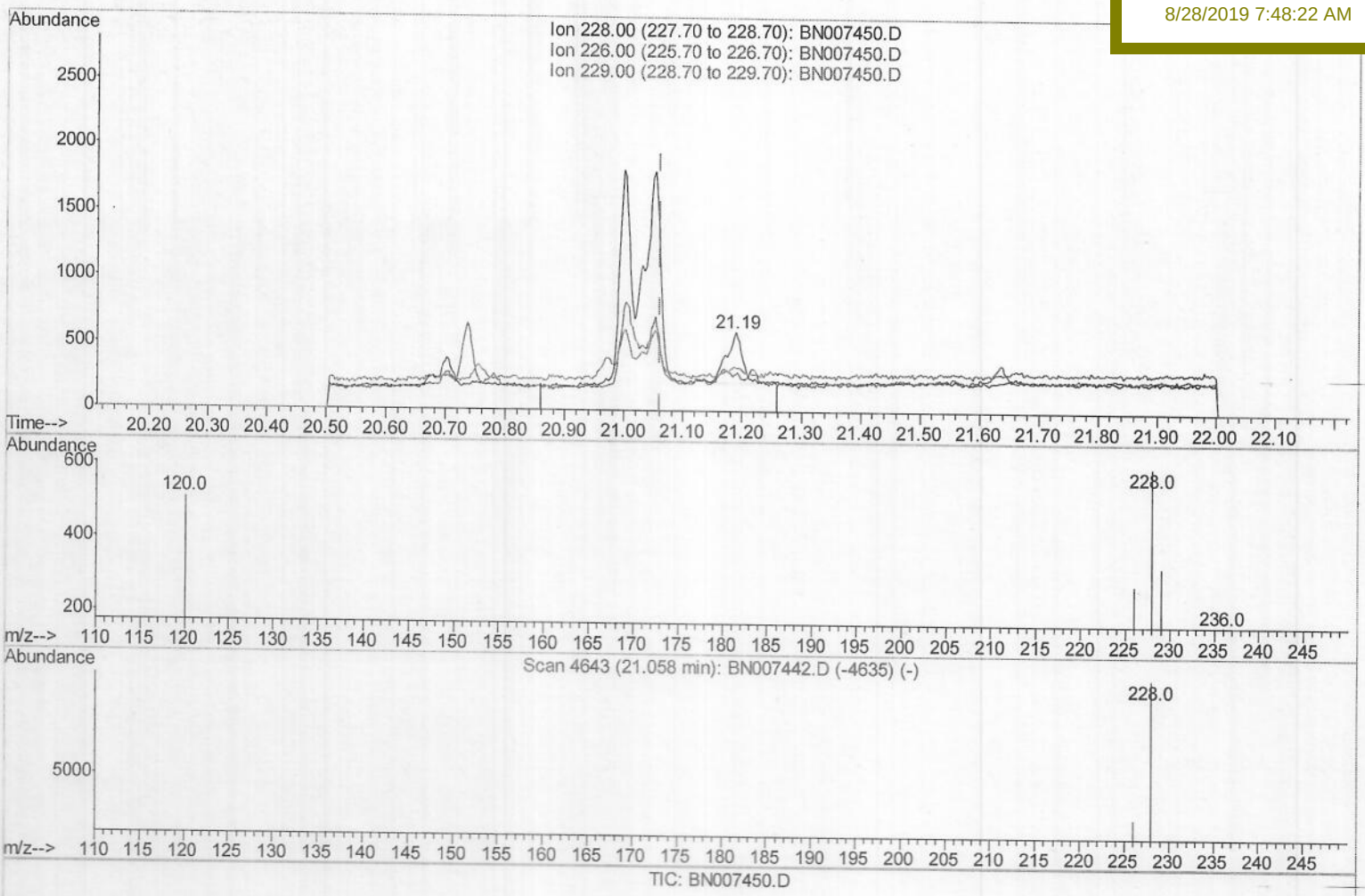
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:45:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(19) Chrysene

21.189min (+0.129) 0.01ng/ul

response 709

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	46.77#
229.00	20.10	54.89#
0.00	0.00	0.00

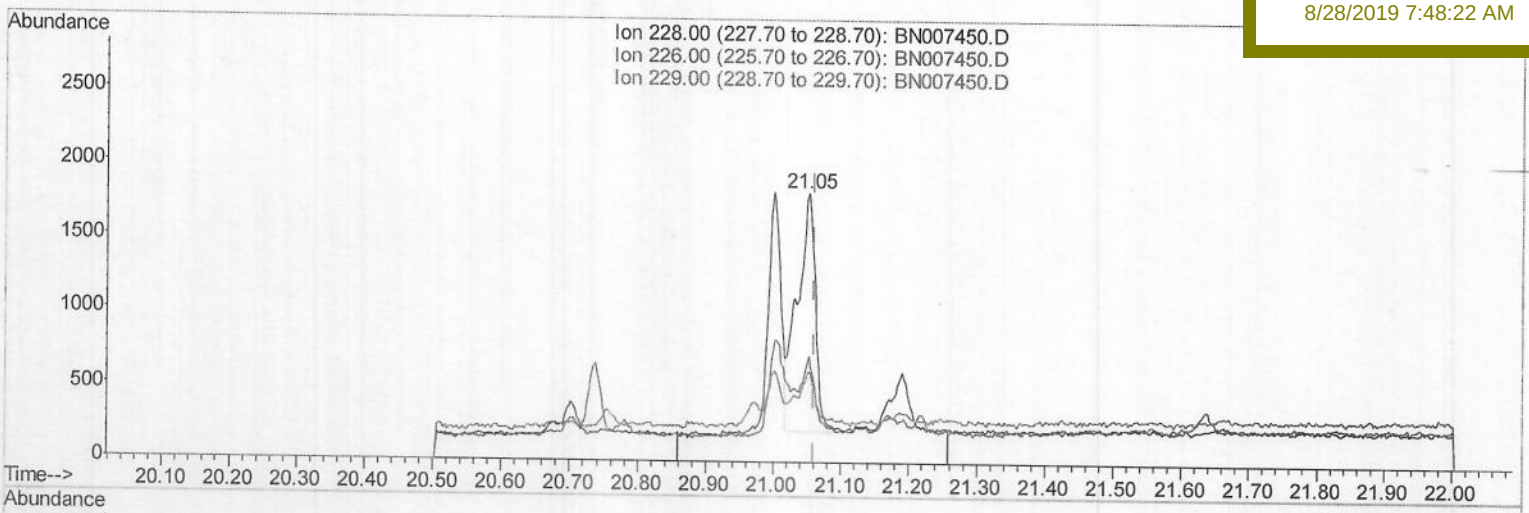
Quantitation Report (Qedit)

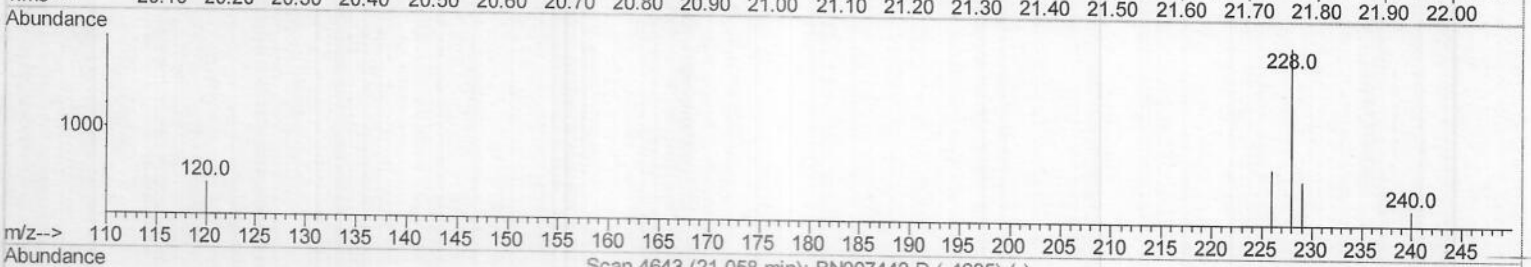
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

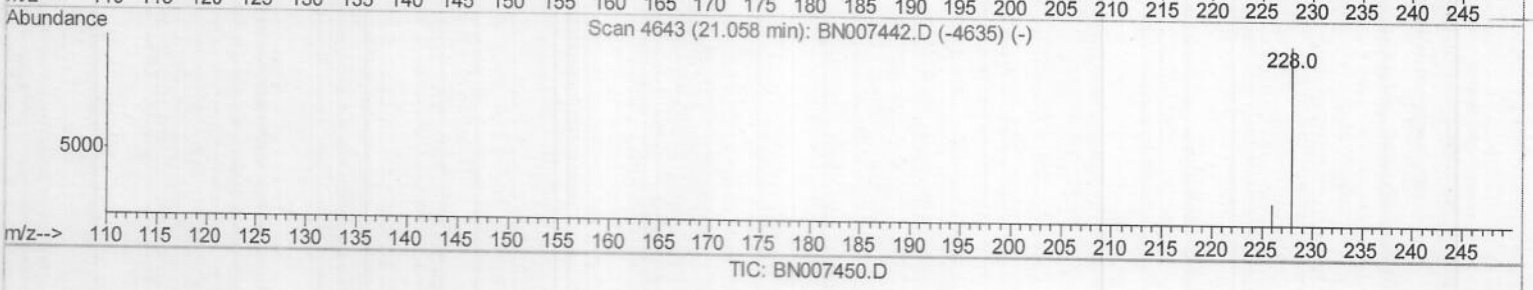
Quant Time: Aug 28 03:45:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM







TIC: BN007450.D

(19) Chrysene

21.052min (-0.009) 0.03ng/ul m

response 3011

JU 08/28/19

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	39.28#
229.00	20.10	33.94#
0.00	0.00	0.00

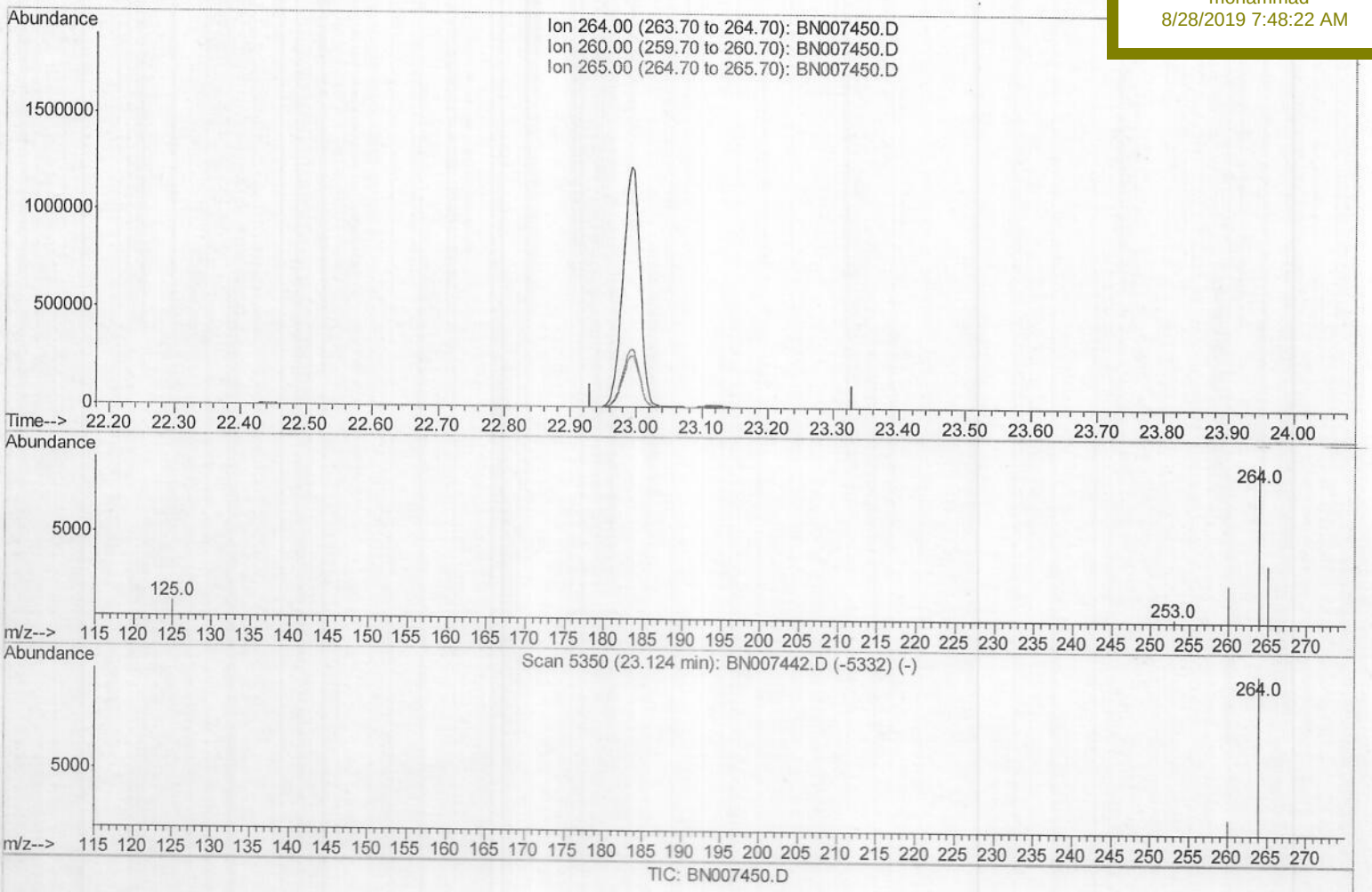
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:45:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(20) Perylene-d12 (I)

23.130min (-23.130) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	28.70	0.00#
265.00	35.80	0.00#
0.00	0.00	0.00

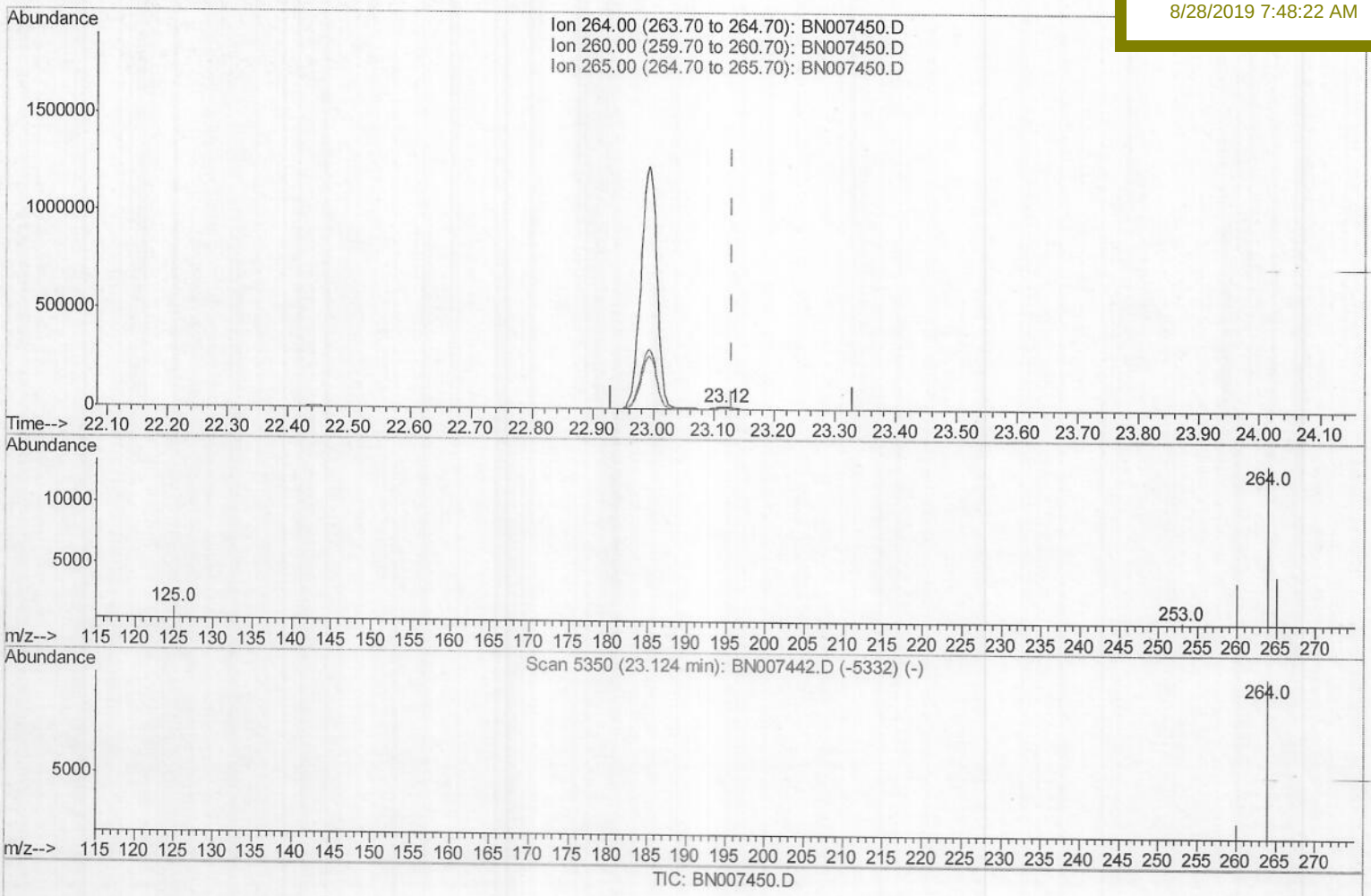
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:45:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(20) Perylene-d12 (I)

23.118min (-0.012) 0.40ng/ul m JU 08/28/19

response 20477

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	28.51
265.00	35.80	32.30
0.00	0.00	0.00

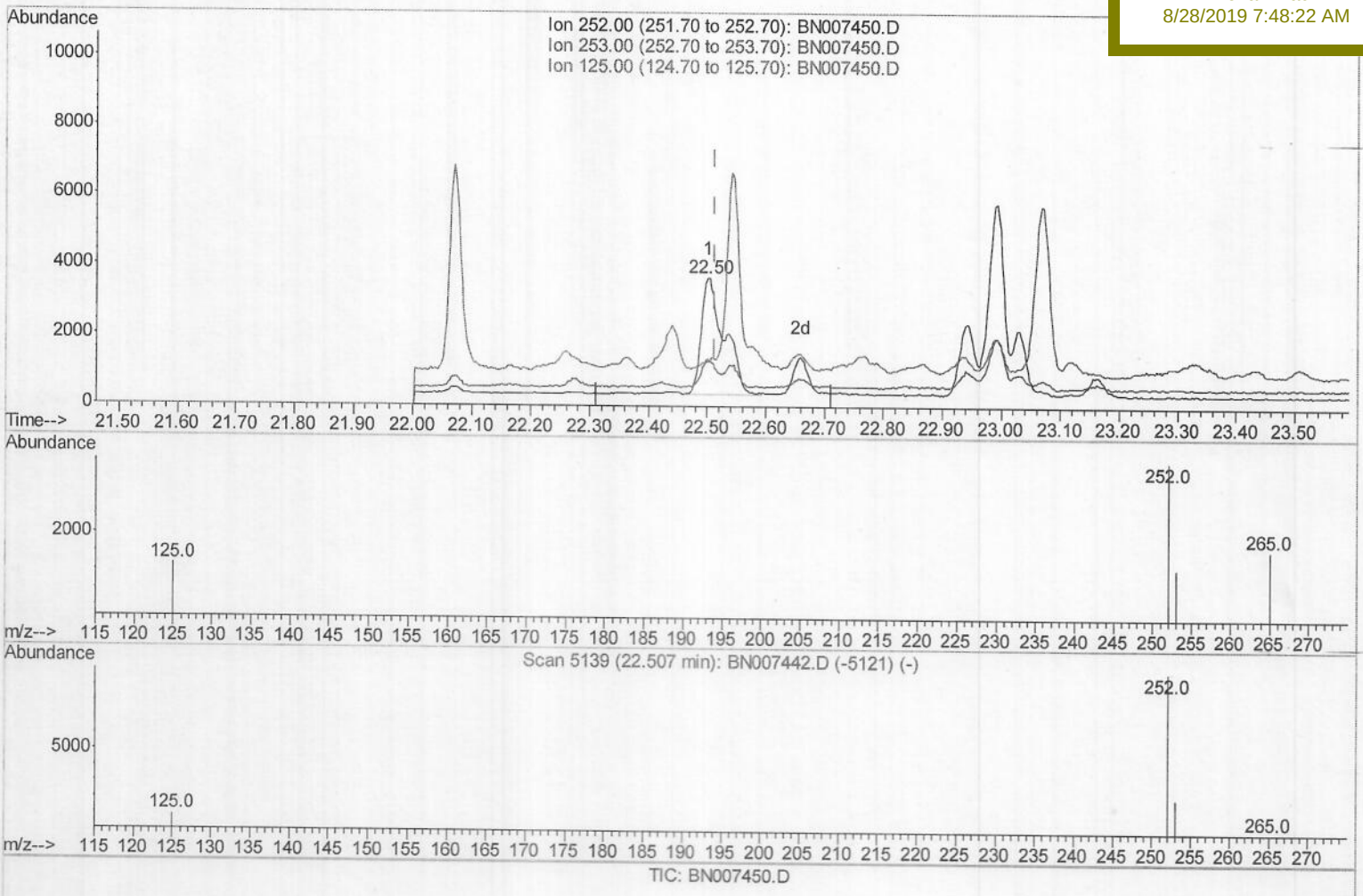
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:48:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(21) Benzo(b)fluoranthene

22.501min (-0.012) 0.10ng/ul

response 8970

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	35.23
125.00	12.40	36.52#
0.00	0.00	0.00

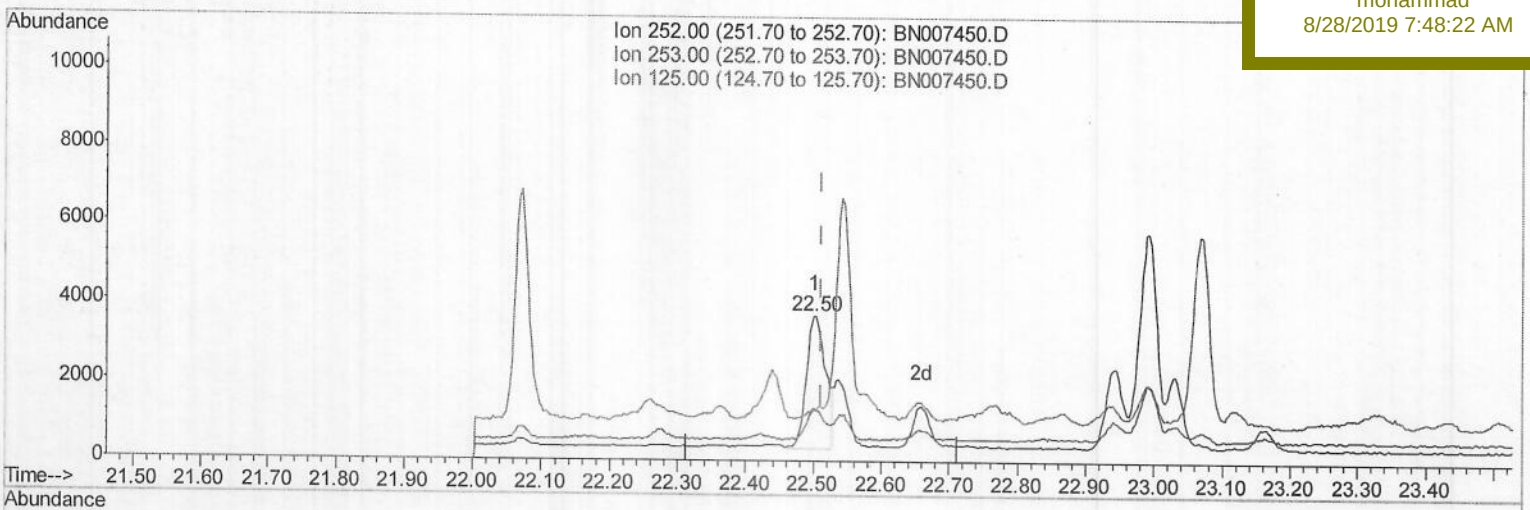
Quantitation Report (Qedit)

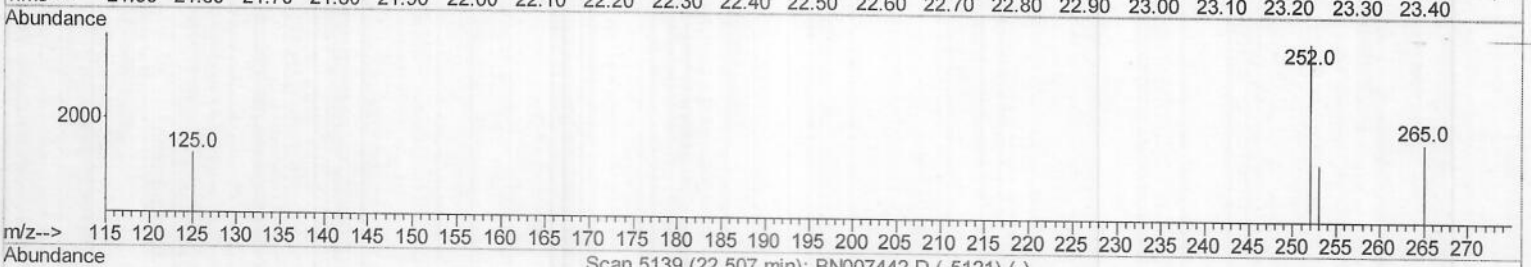
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

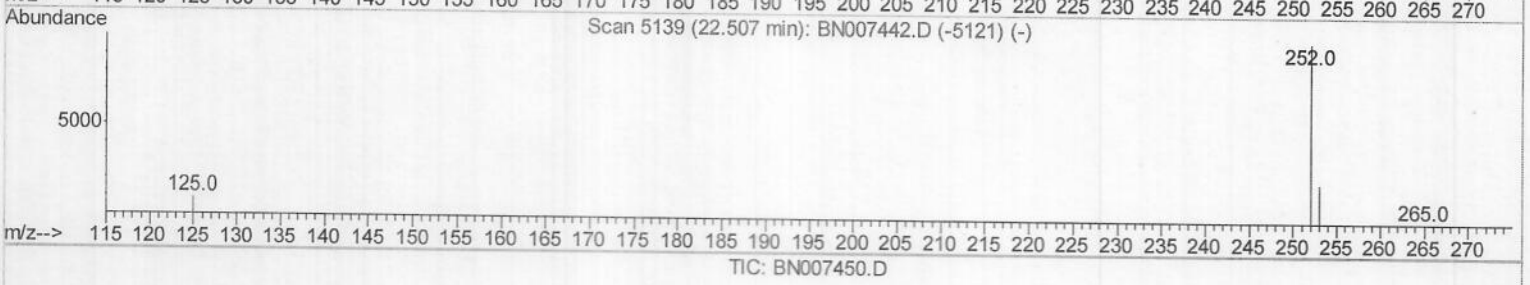
Quant Time: Aug 28 03:48:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM







TIC: BN007450.D

(21) Benzo(b)fluoranthene

22.501min (-0.012) 0.07ng/ul m JU 08/28/19

response 6655

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	35.23
125.00	12.40	36.52#
0.00	0.00	0.00

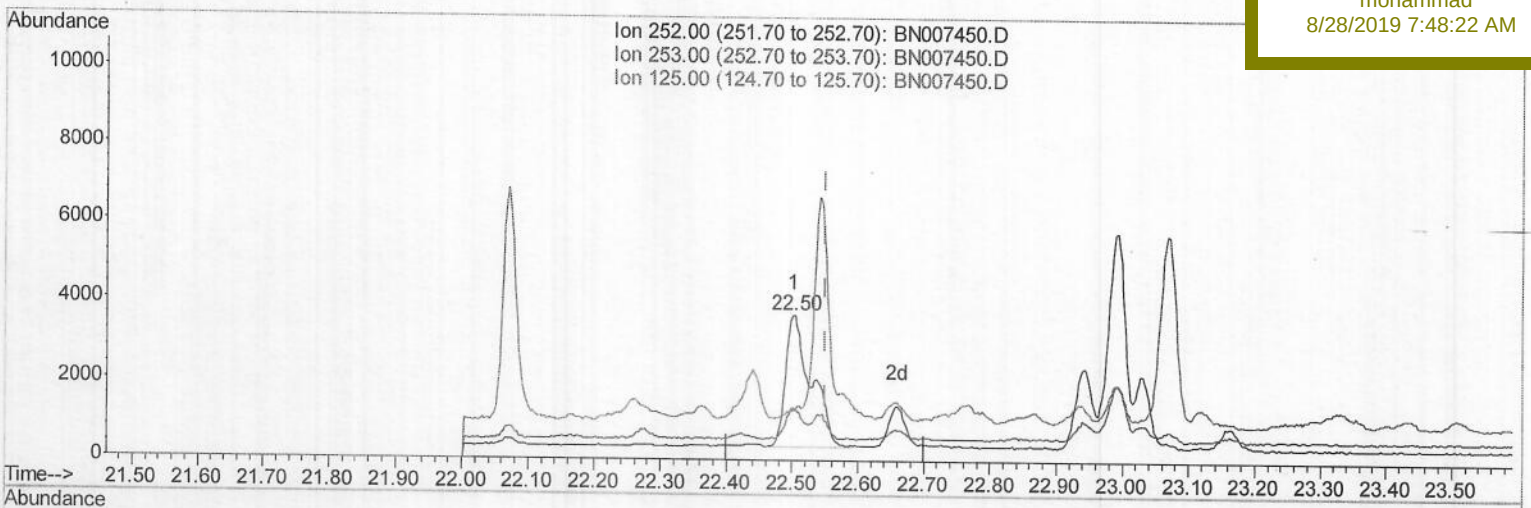
Quantitation Report (Qedit)

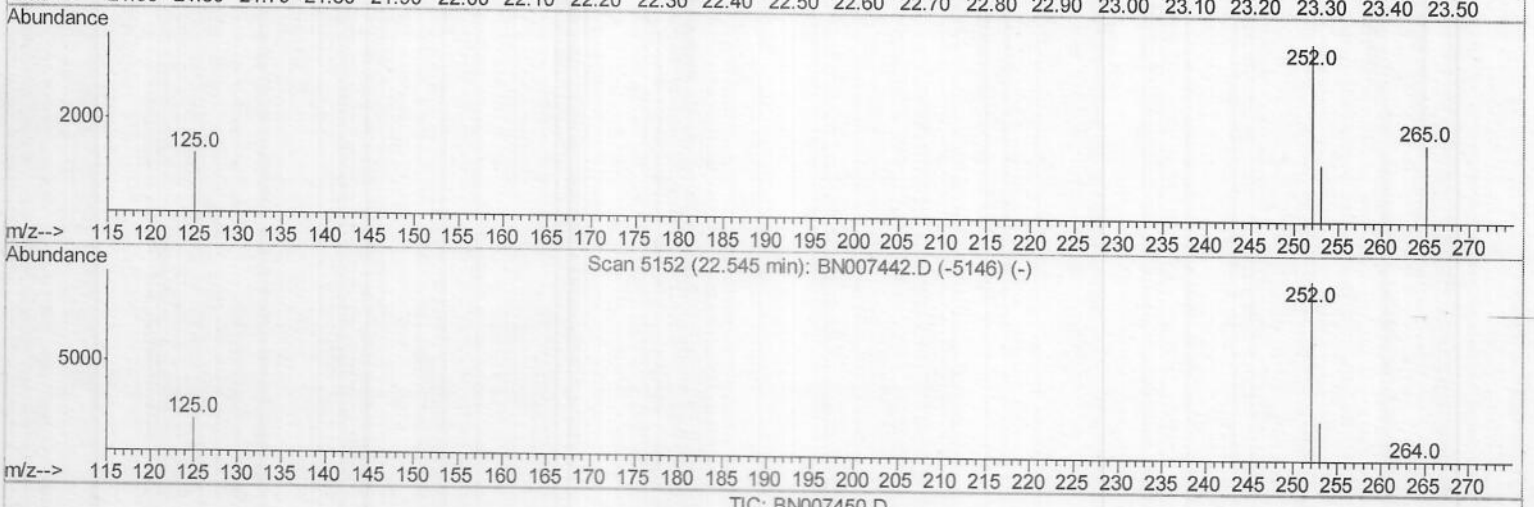
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:48:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM





TIC: BN007450.D

(22) Benzo(k)fluoranthene

22.501min (-0.050) 0.10ng/ul

response 8970

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	35.23#
125.00	15.50	36.52#
0.00	0.00	0.00

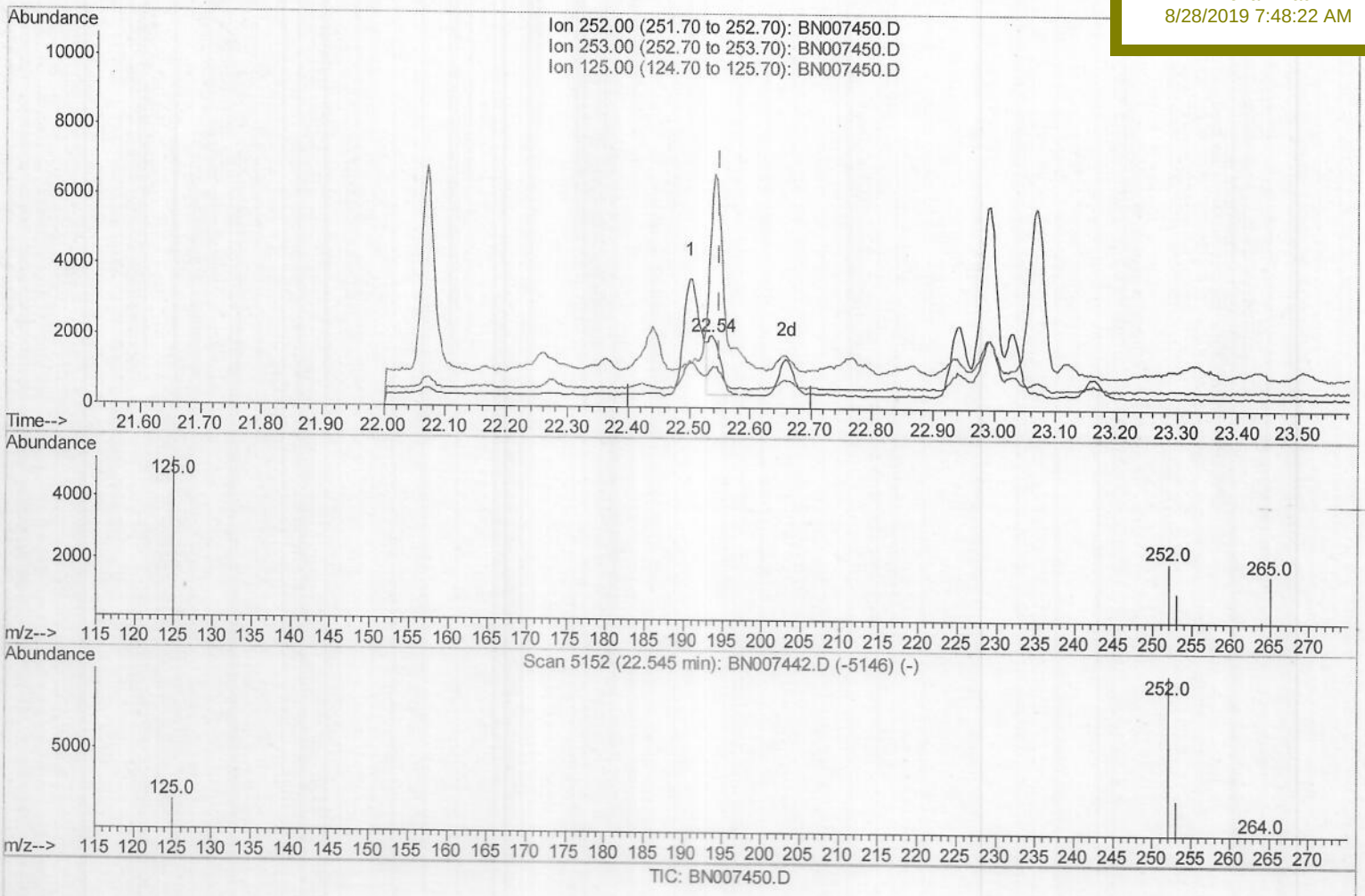
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 28 03:48:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM



TIC: BN007450.D

(22) Benzo(k)fluoranthene

22.536min (-0.015) 0.03ng/ul m) JU 08128119

response 2427

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	54.89#
125.00	15.50	256.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007450.D
Acq On : 28 Aug 2019 02:05
Operator : HP/JU
Sample : K4337-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:22 AM

Quant Time: Aug 28 03:49:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5018	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21067	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12190	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	26141m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	22849m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	20477m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	12257	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	32030m	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	10659	0.179	ng/ul	96
7) Acenaphthylene	13.76	152	2109	0.031	ng/ul#	84
11) Pentachlorophenol	16.46	266	385m	0.065	ng/ul	
13) Anthracene	16.93	178	13144m	0.171	ng/ul	
15) Fluoranthene	18.87	202	3772m	0.035	ng/ul	
17) Pyrene	19.24	202	3804m	0.034	ng/ul	
19) Chrysene	21.05	228	3011m	0.027	ng/ul	
21) Benzo(b)fluoranthene	22.50	252	6655m	0.074	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	2427m	0.026	ng/ul	
23) Benzo(a)pyrene	23.03	252	2806	0.031	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.18	276	4190	0.042	ng/ul#	51
26) Benzo(g,h,i)perylene	25.81	276	3447	0.040	ng/ul#	76

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