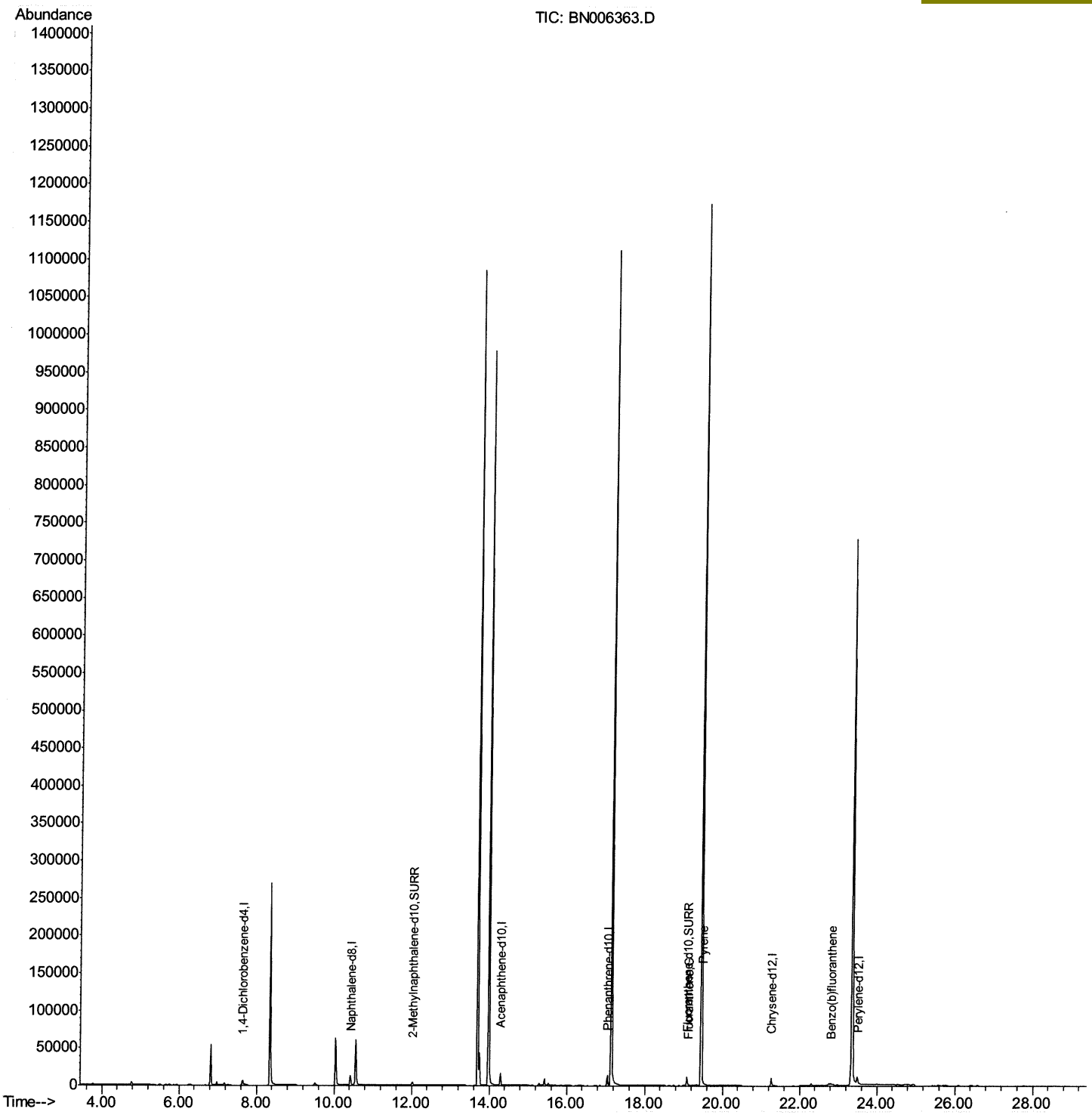
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:31:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



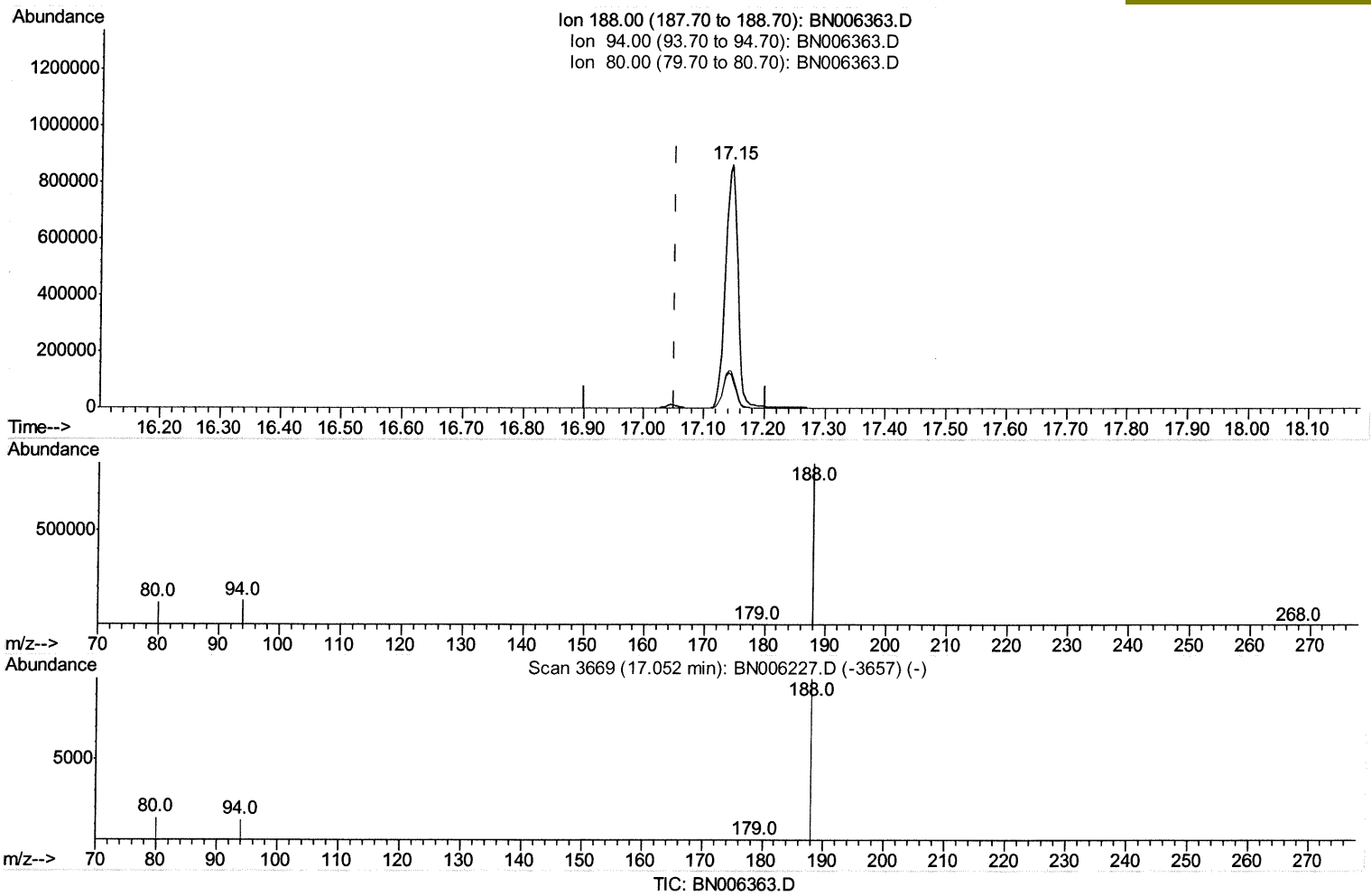
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 01:52:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



TIC: BN006363.D

(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 1217539

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.07
80.00	13.60	13.84
0.00	0.00	0.00

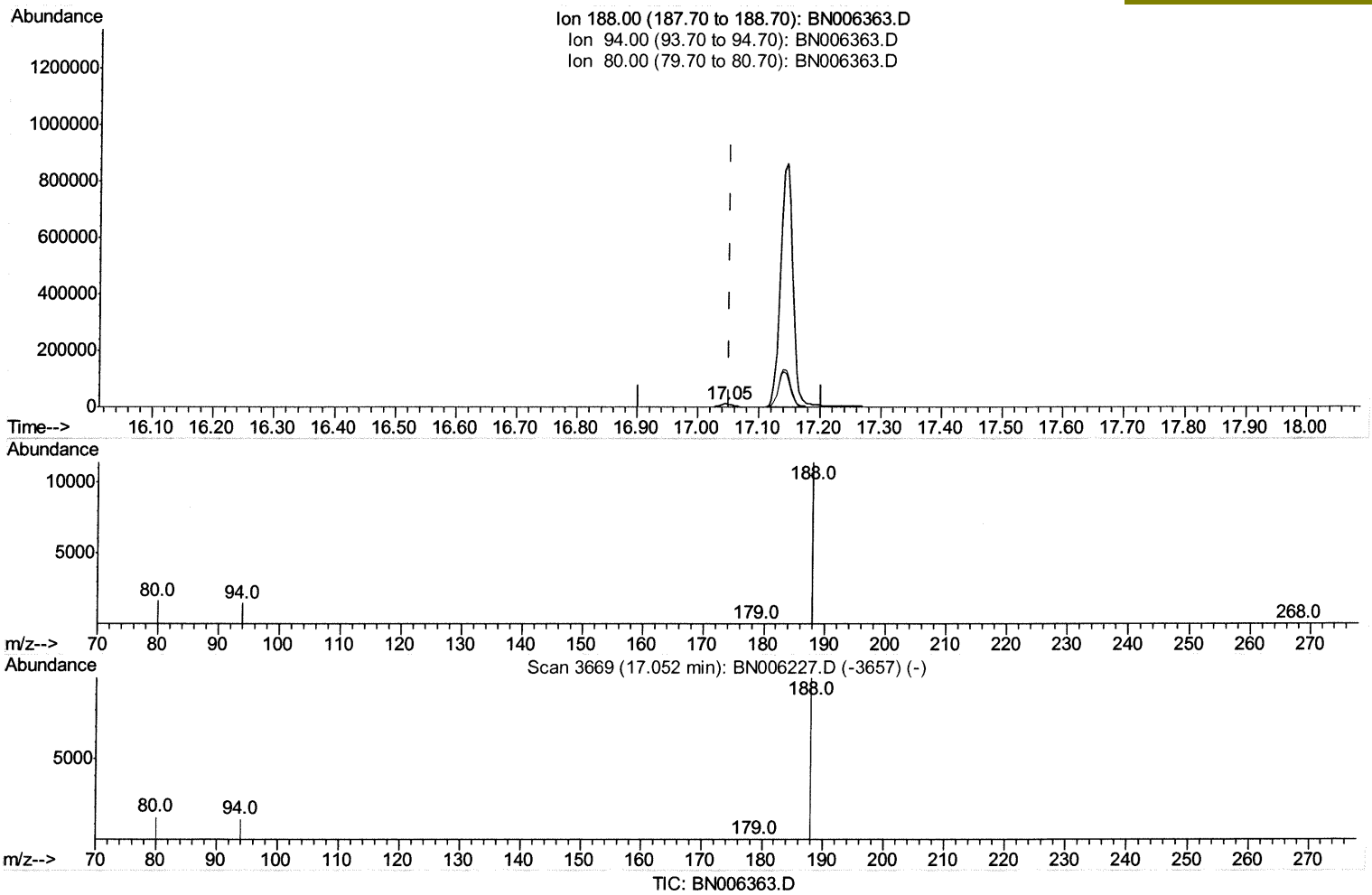
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 01:52:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



TIC: BN006363.D

(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m JU 06/18/19

response 16664

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.35
80.00	13.60	14.66
0.00	0.00	0.00

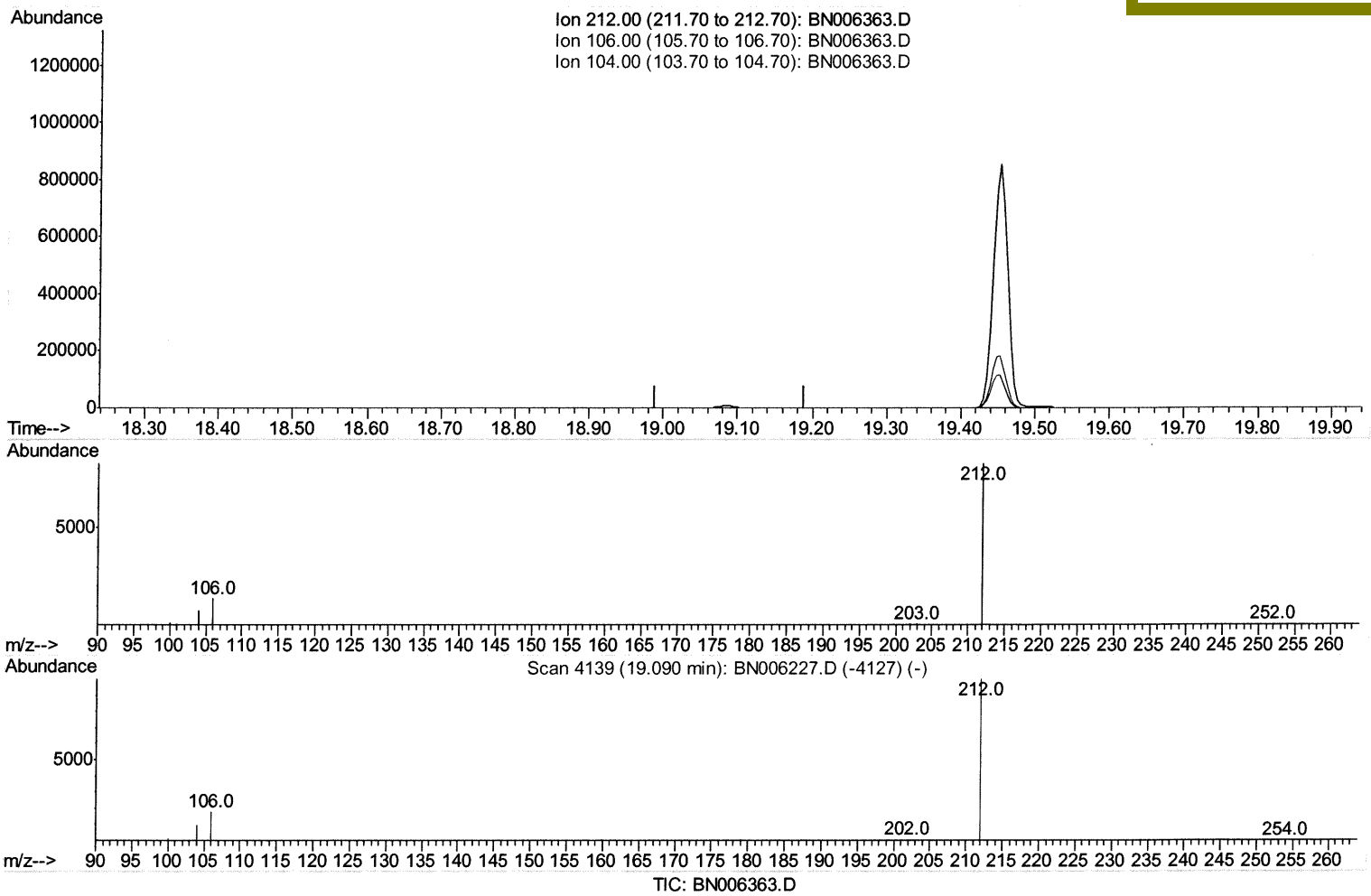
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:28:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

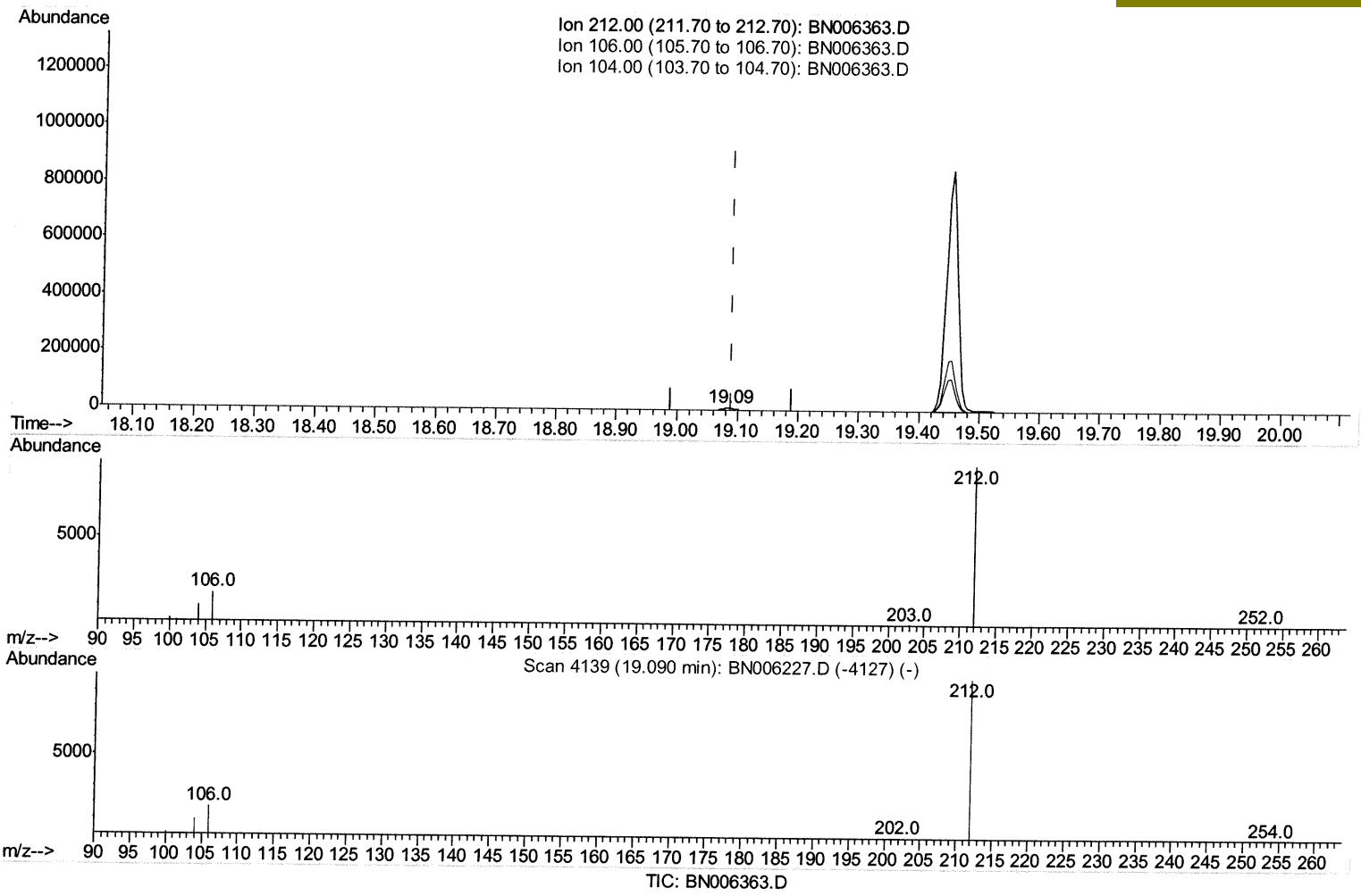
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:28:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



TIC: BN006363.D

(14) Fluoranthene-d10 (SURR)

19.086min (-0.005) 0.29ng/ul m JU 06/18/19

response 12811

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

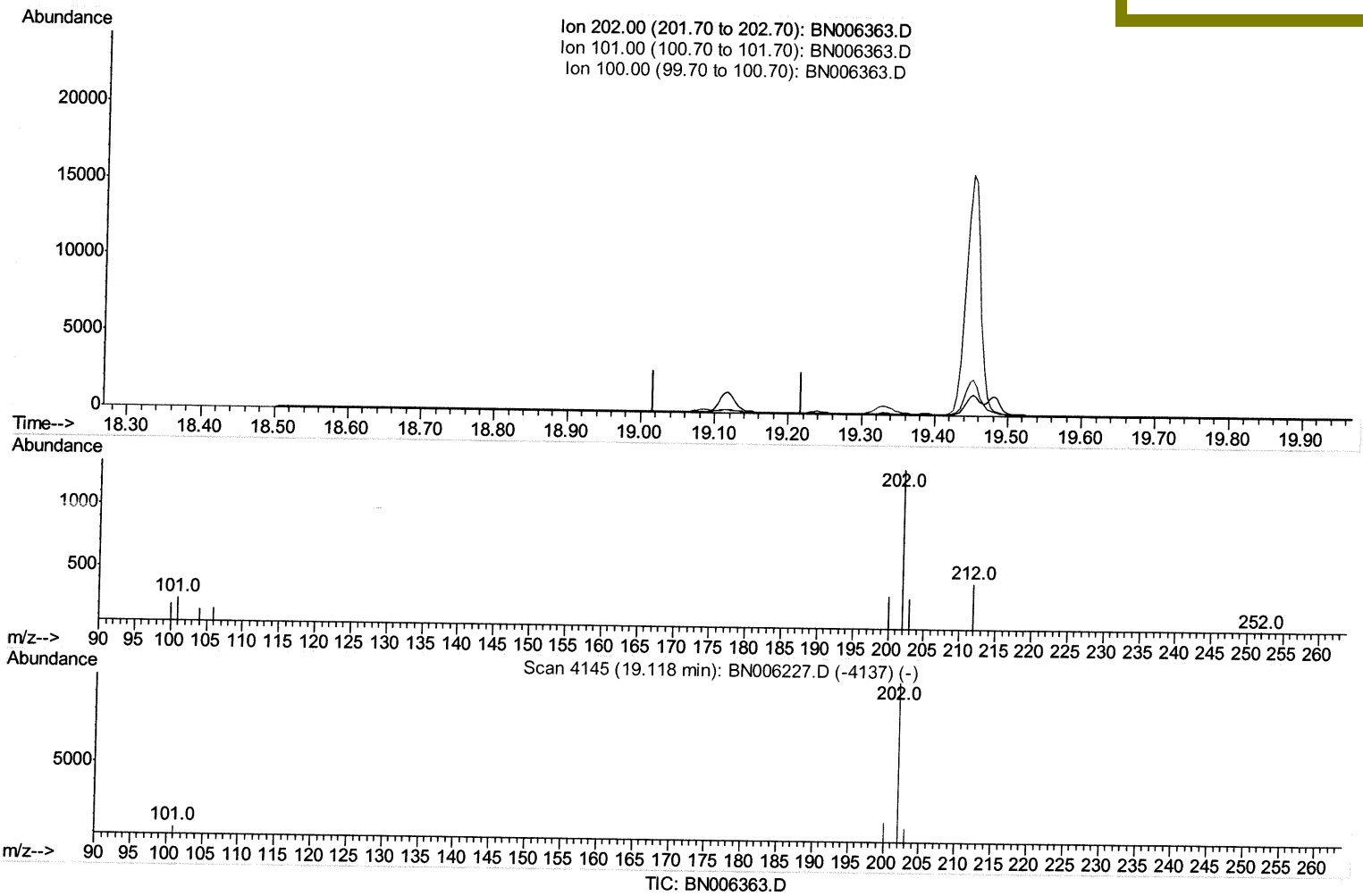
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:28:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



TIC: BN006363.D

(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.10	0.00
100.00	8.70	0.00
0.00	0.00	0.00

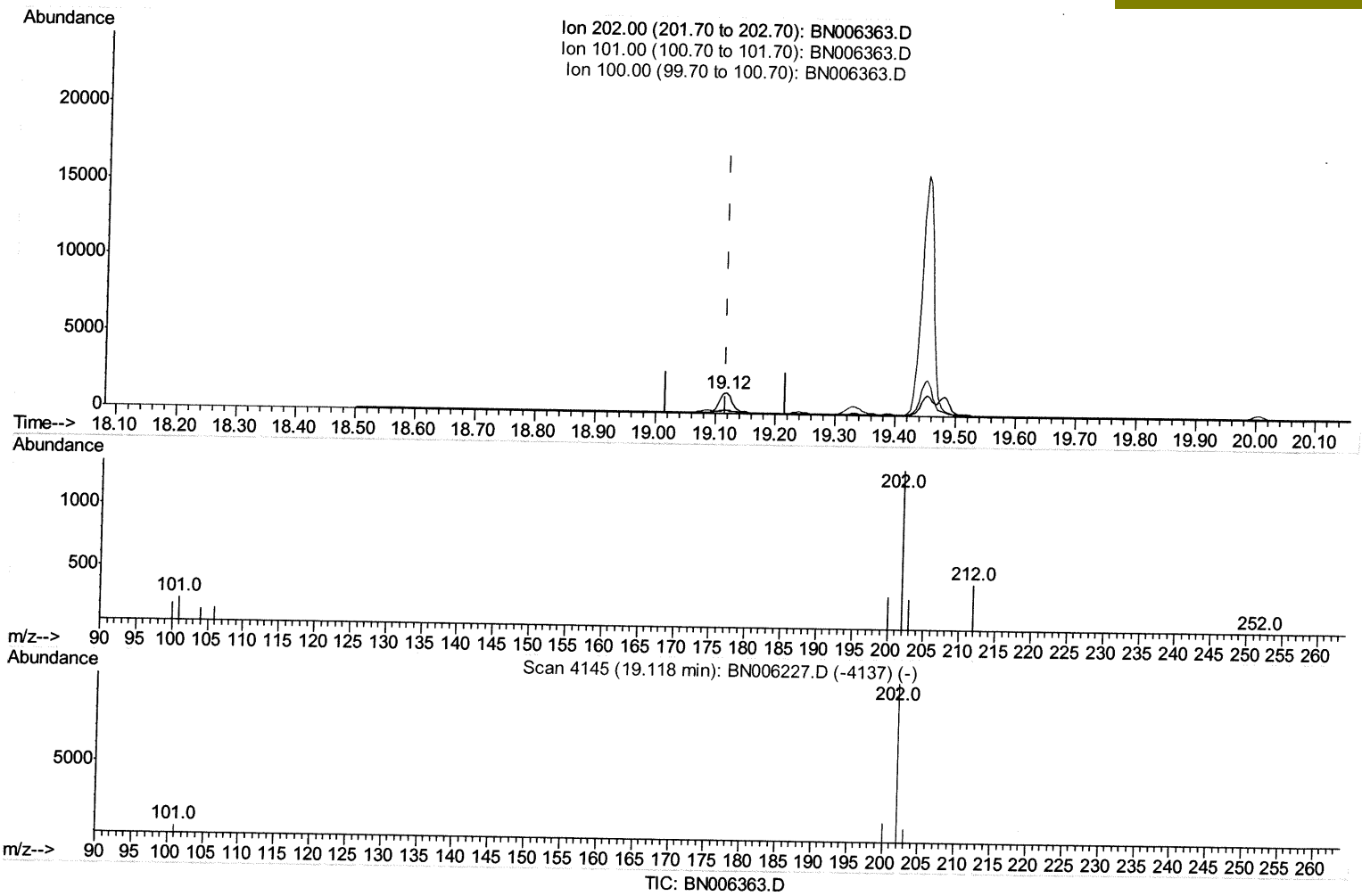
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:28:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



(15) Fluoranthene (C)

19.118min (+0.000) 0.03ng/ul m JU 06/18/19

response 1903

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	18.11
100.00	8.70	14.25
0.00	0.00	0.00

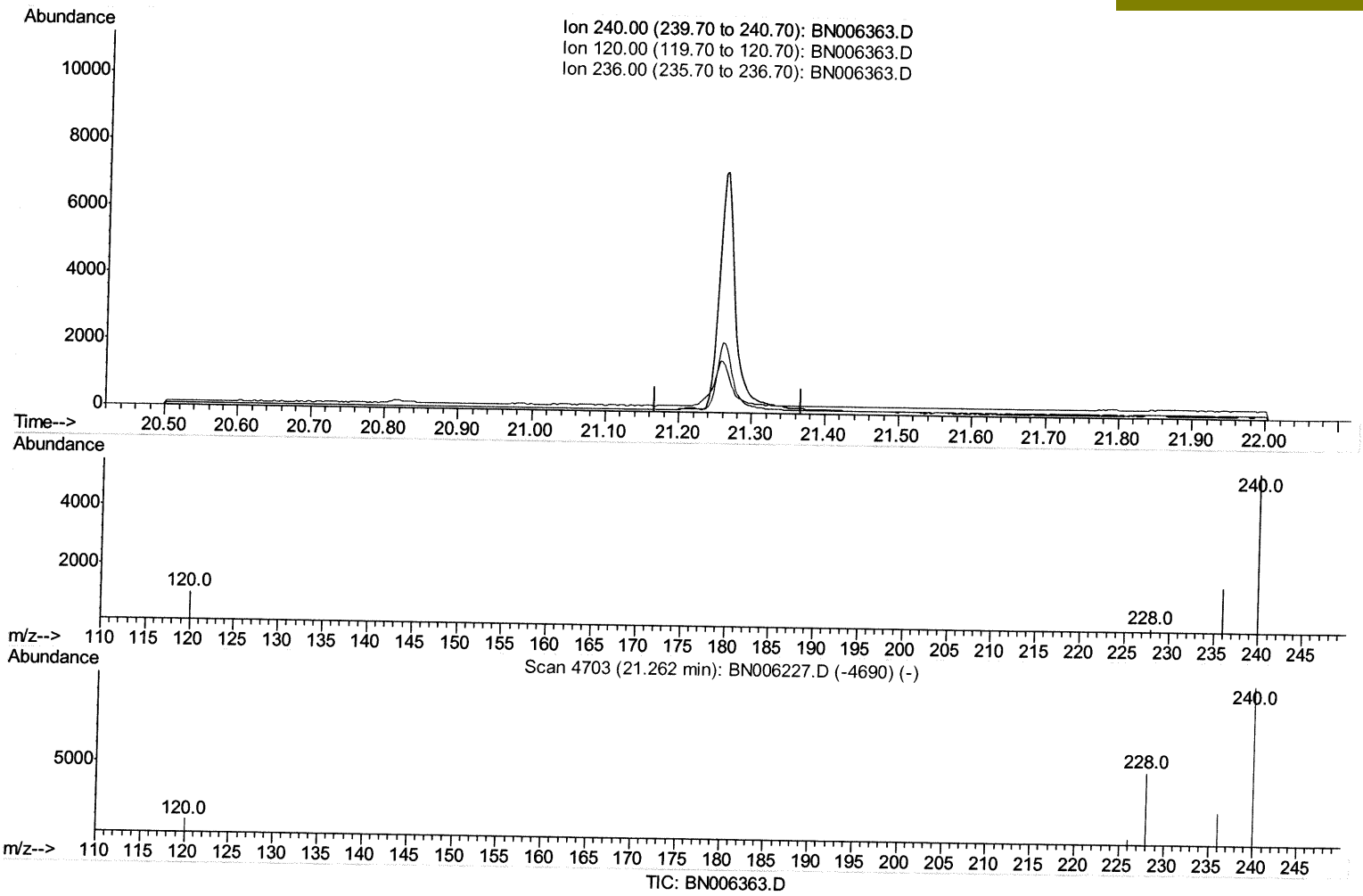
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:28:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



TIC: BN006363.D

(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

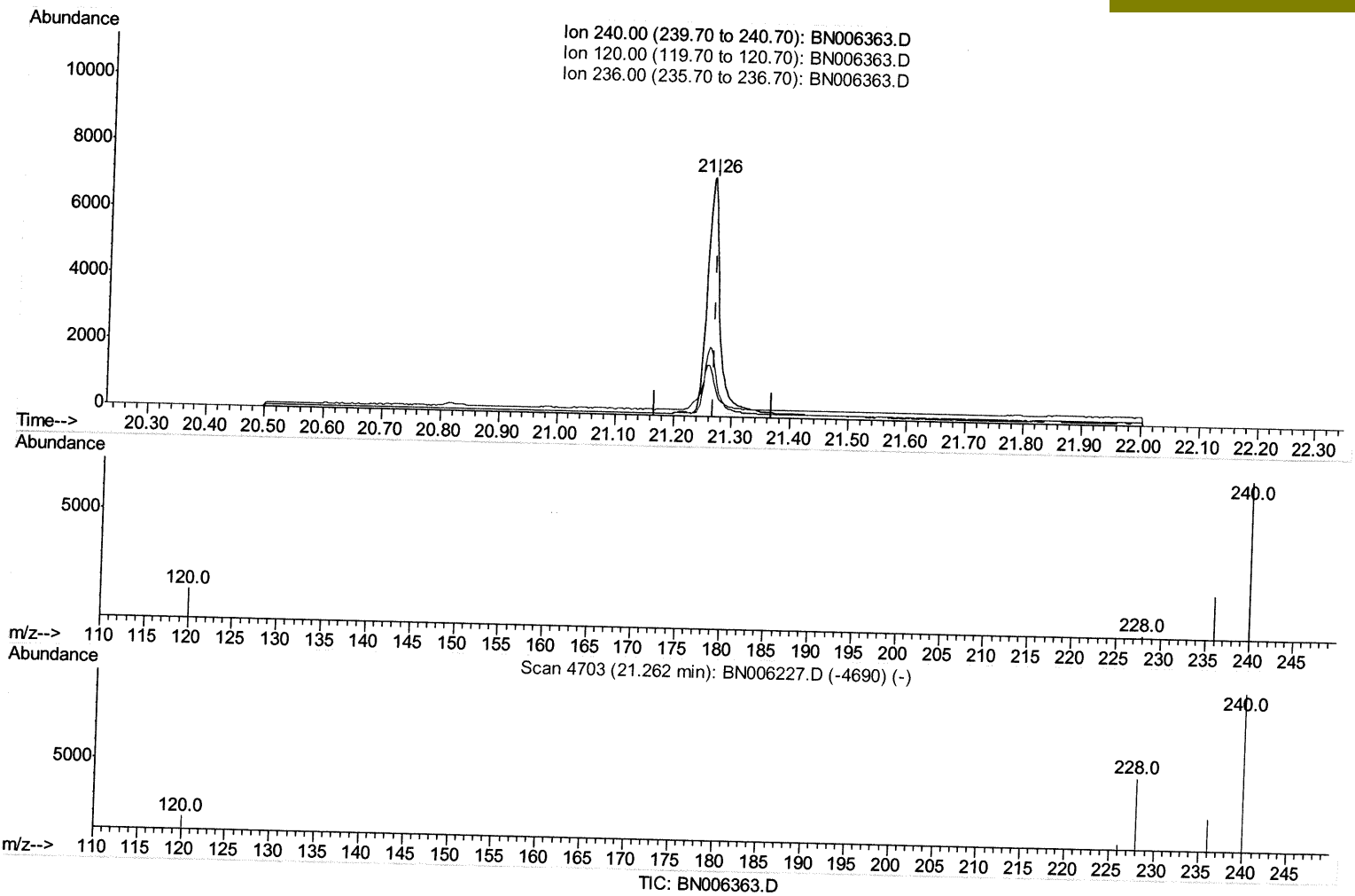
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:28:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



TIC: BN006363.D

(16) Chrysene-d12 (I)

21.262min (-0.006) 0.40ng/ul m JU 06/18/19

response 10832

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	19.79
236.00	30.10	28.74
0.00	0.00	0.00

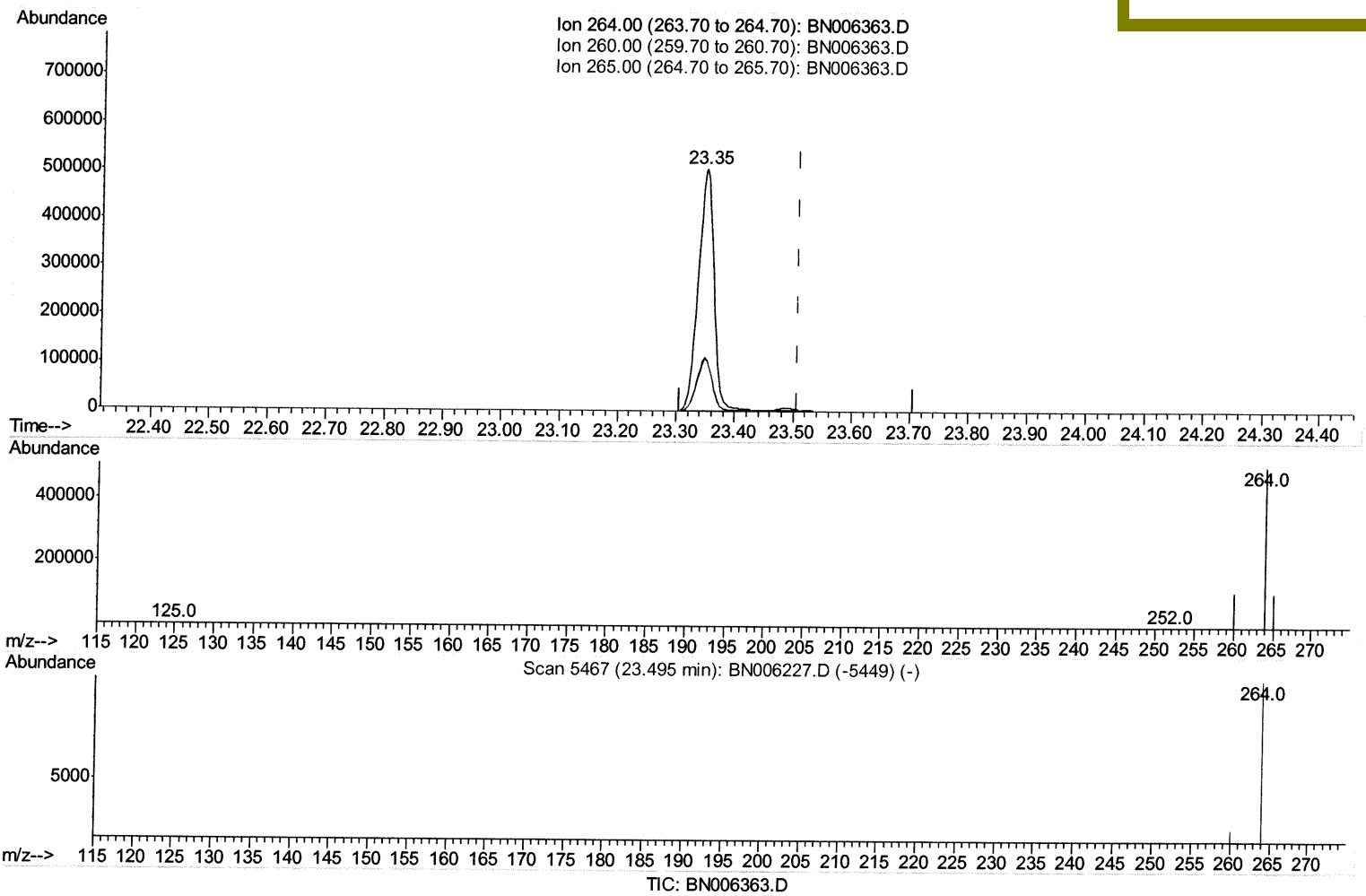
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:29:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



TIC: BN006363.D

(20) Perylene-d12 (I)

23.349min (-0.158) 0.40ng/ul

response 916330

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.07#
265.00	44.70	21.42#
0.00	0.00	0.00

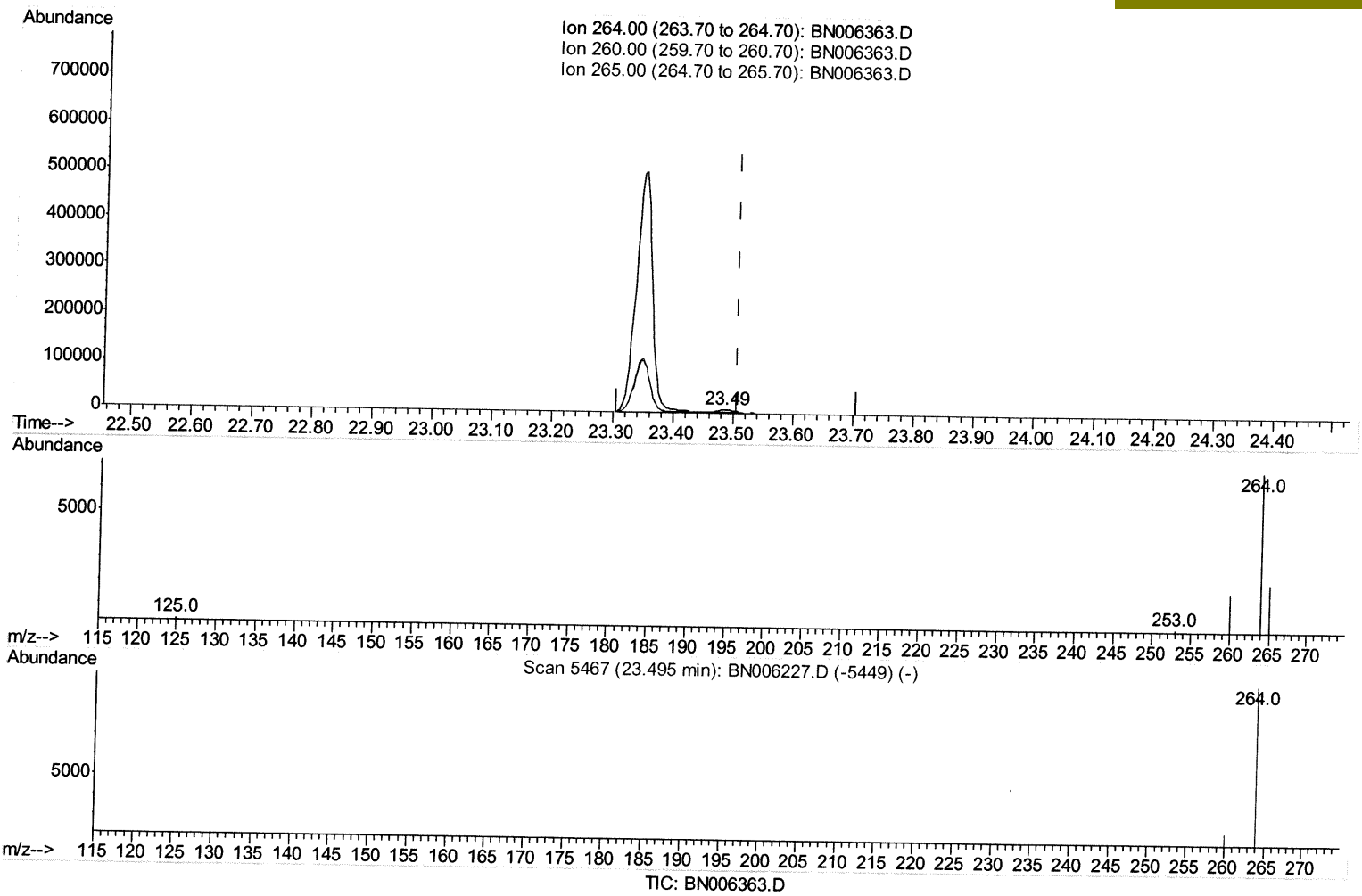
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:29:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



(20) Perylene-d12 (I)

23.487min (-0.020) 0.40ng/ul m JU 06/18/19

response 9430

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.25
265.00	44.70	32.18#
0.00	0.00	0.00

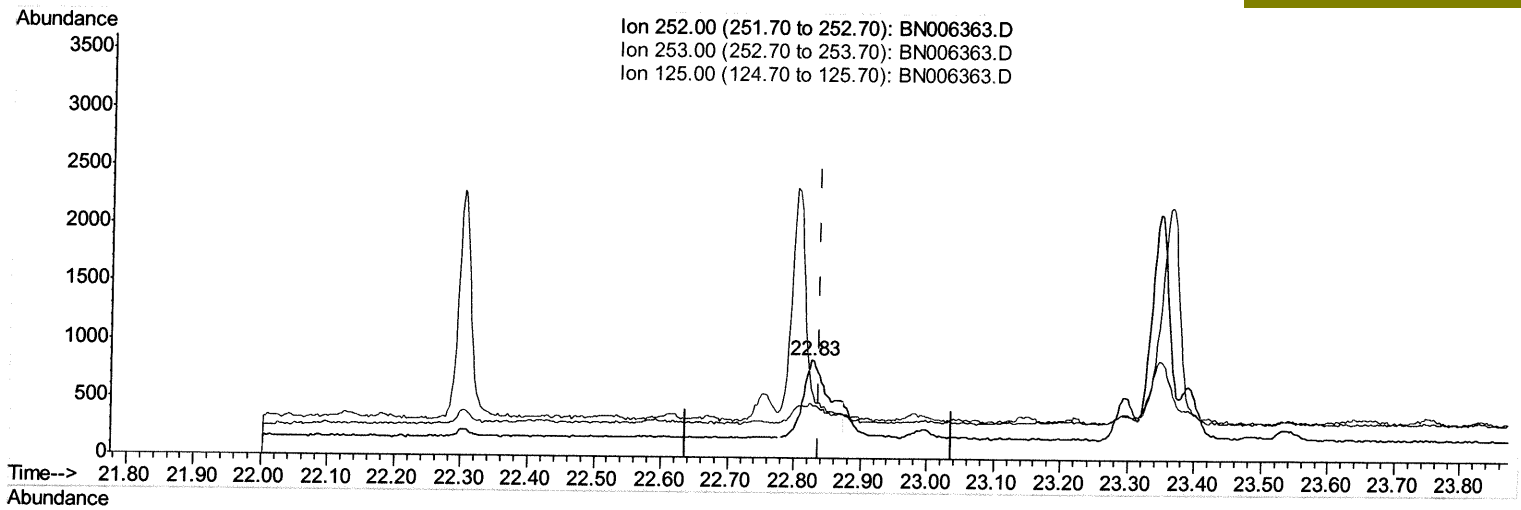
Quantitation Report (Qedit)

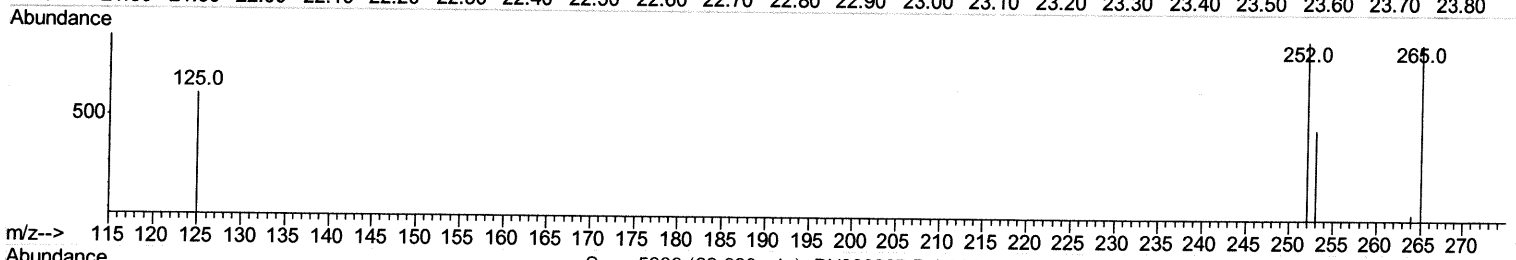
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:30:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

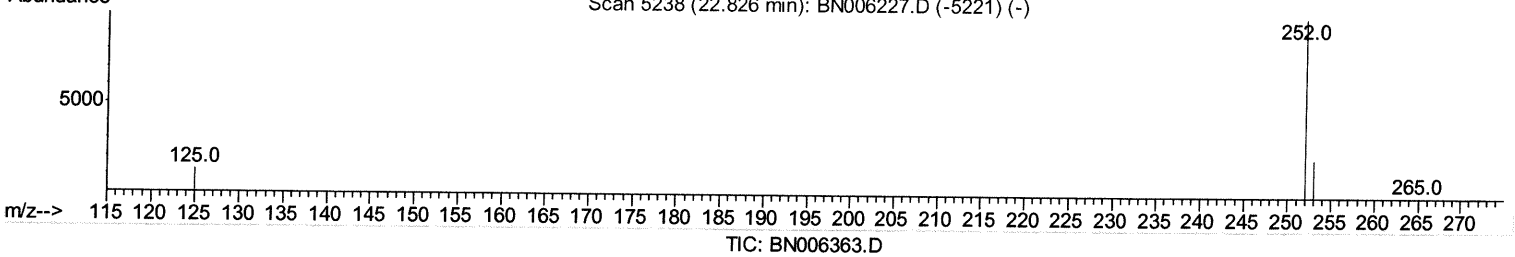
Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM





Scan 5238 (22.826 min): BN006227.D (-5221) (-)



TIC: BN006363.D

(21) Benzo(b)fluoranthene

22.826min (-0.012) 0.05ng/ul

response 1826

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	55.15#
125.00	20.50	70.77#
0.00	0.00	0.00

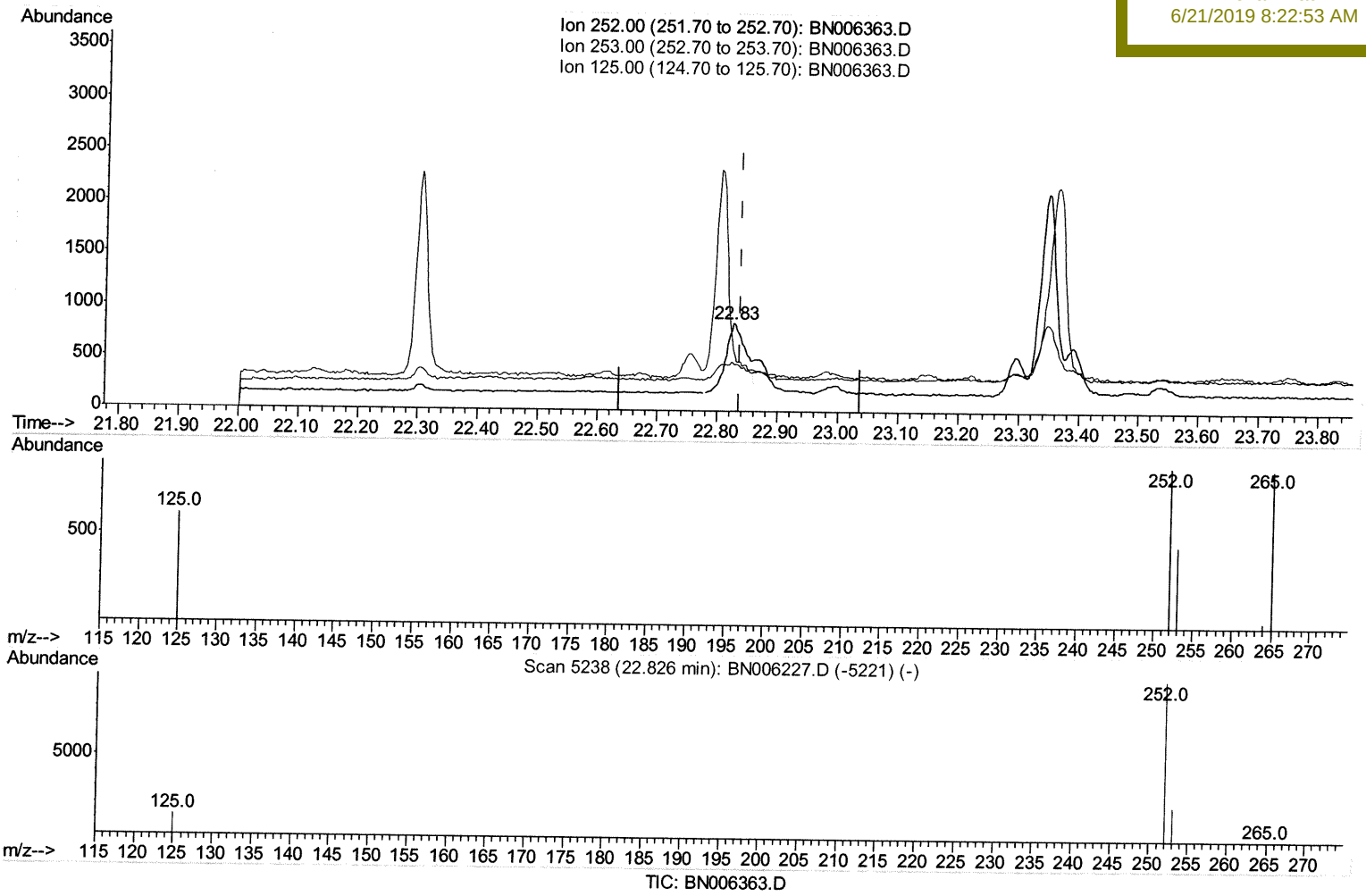
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:30:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM



TIC: BN006363.D

(21) Benzo(b)fluoranthene

22.826min (-0.012) 0.04ng/ul m JU 06/18/19

response 1565

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	55.15#
125.00	20.50	70.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006363.D
Acq On : 17 Jun 2019 23:53
Operator : JU/SJ
Sample : K3335-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 18 04:31:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A4205

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4402	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17526	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9382	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16664m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10832m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	9430m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7170	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12811m	0.29	ng/ul	0.00
Target Compounds						Qvalue
15) Fluoranthene	19.12	202	1903m	0.032	ng/ul	
17) Pyrene	19.48	202	1533	0.027	ng/ul#	69
21) Benzo(b)fluoranthene	22.83	252	1565m	0.040	ng/ul	

JU 06/18/19

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