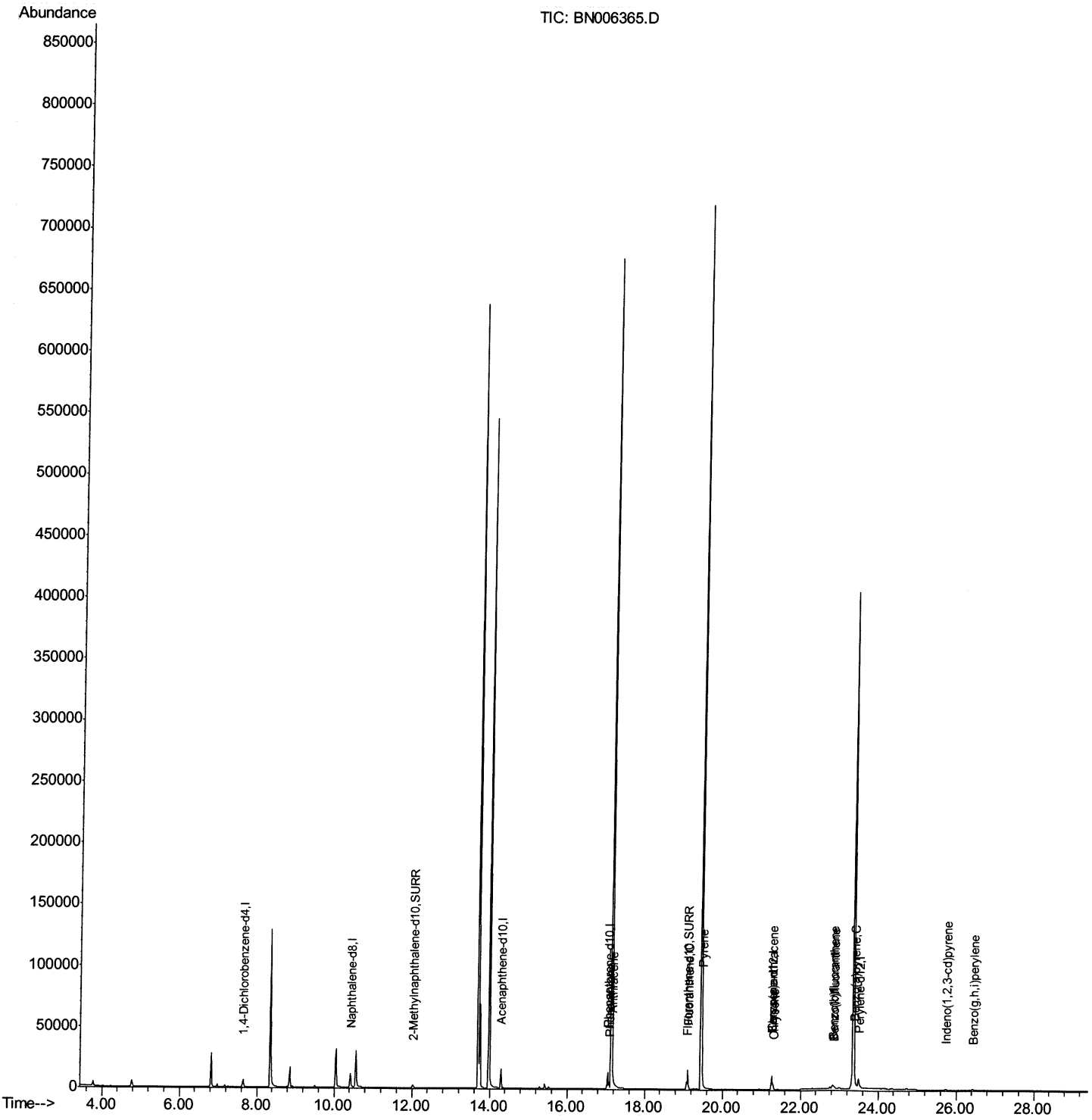
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:42:36 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



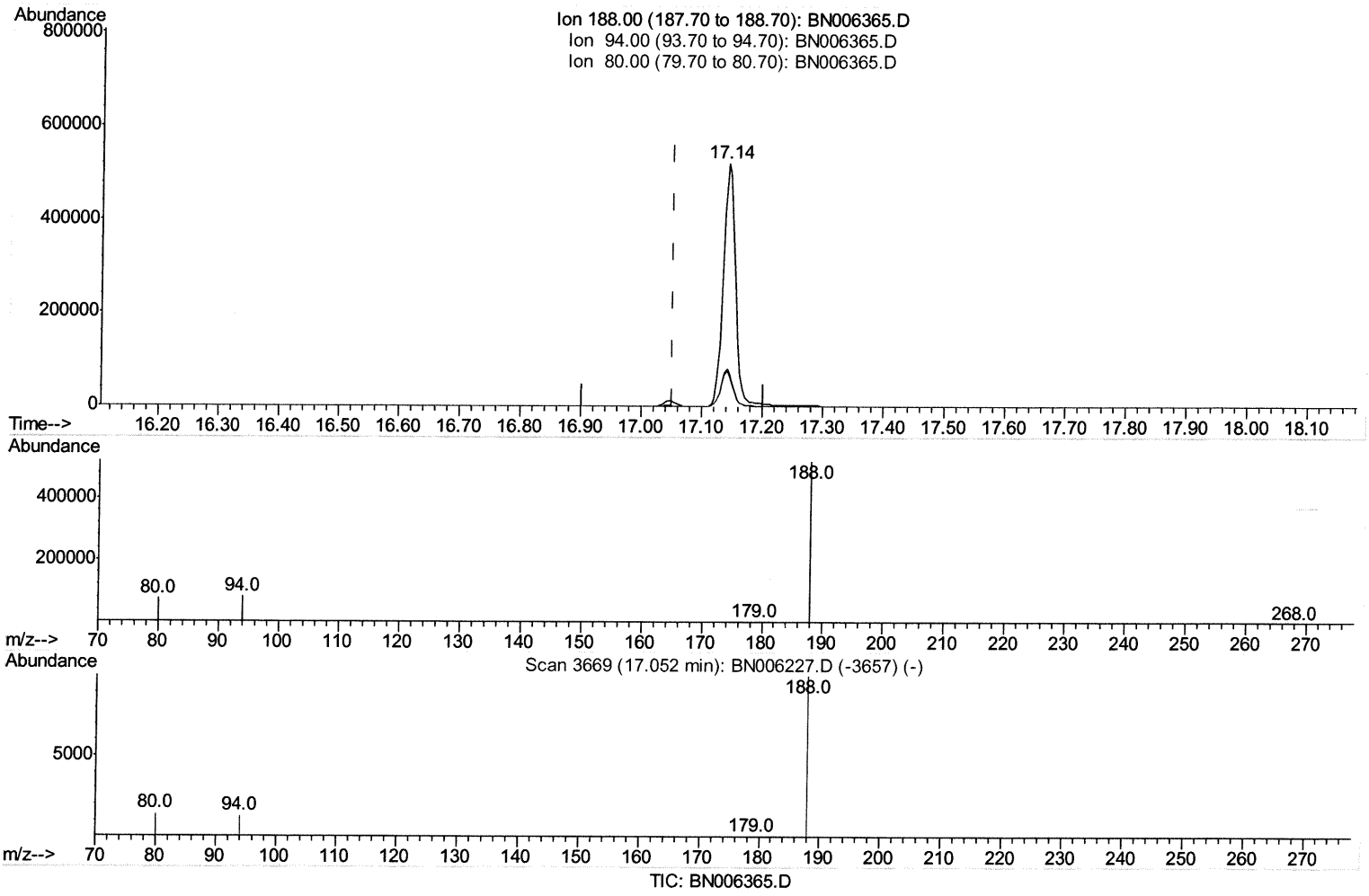
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 01:52:31 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



TIC: BN006365.D

(10) Phenanthrene-d10 (I)

17.141min (+0.088) 0.40ng/ul

response 720864

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.64#
80.00	13.60	14.37
0.00	0.00	0.00

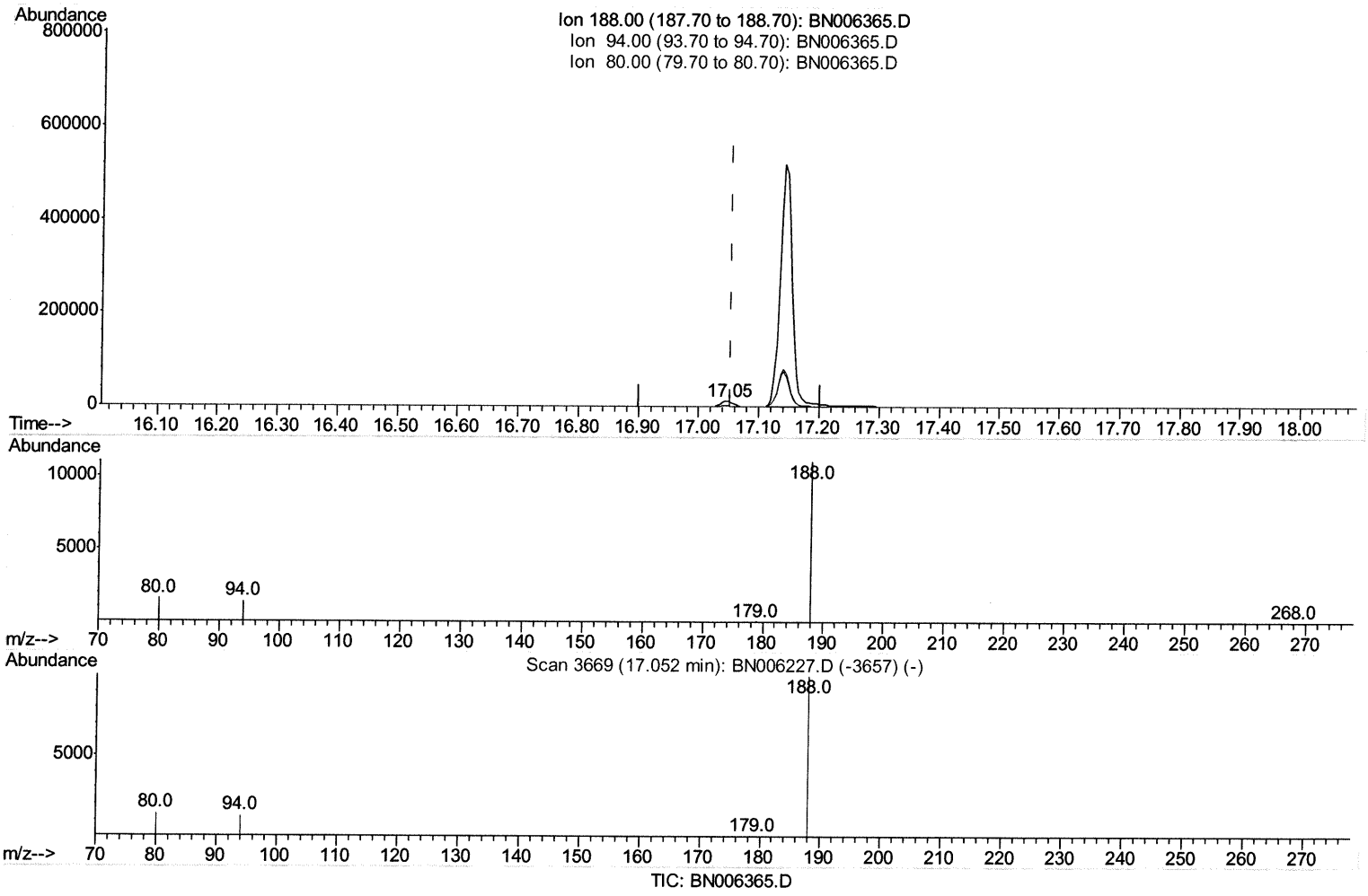
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 01:52:31 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



TIC: BN006365.D

(10) Phenanthrene-d10 (I)

17.048min (-0.005) 0.40ng/ul m JU 06/18/19

response 16492

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	12.97
80.00	13.60	14.47
0.00	0.00	0.00

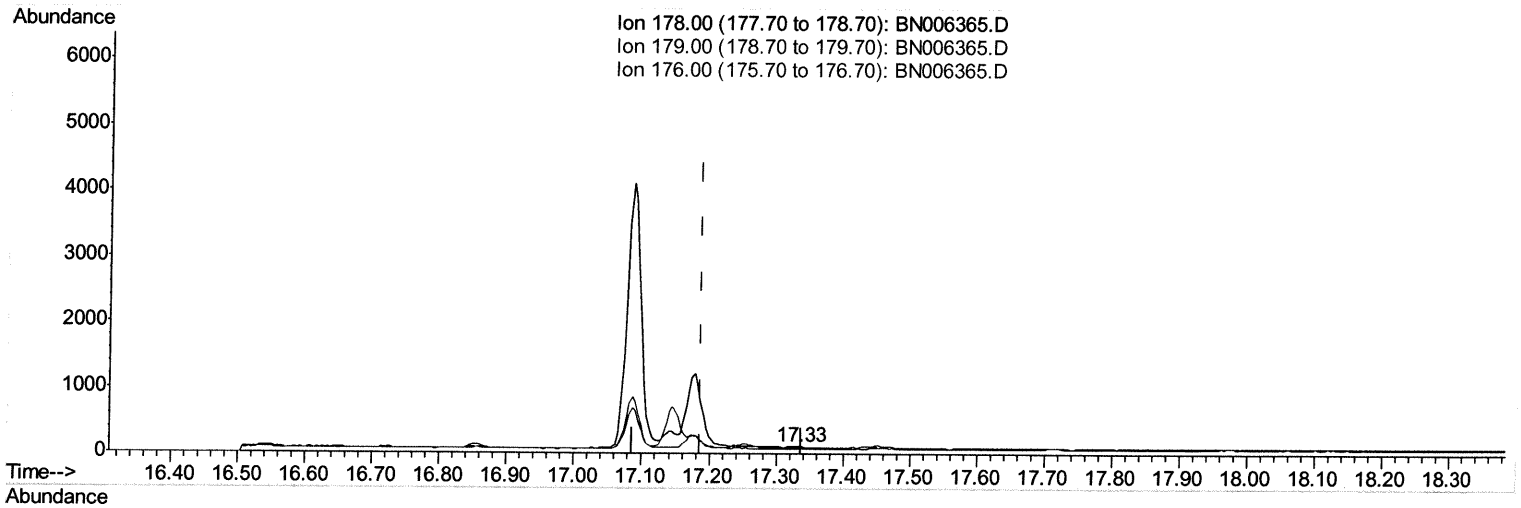
Quantitation Report (Qedit)

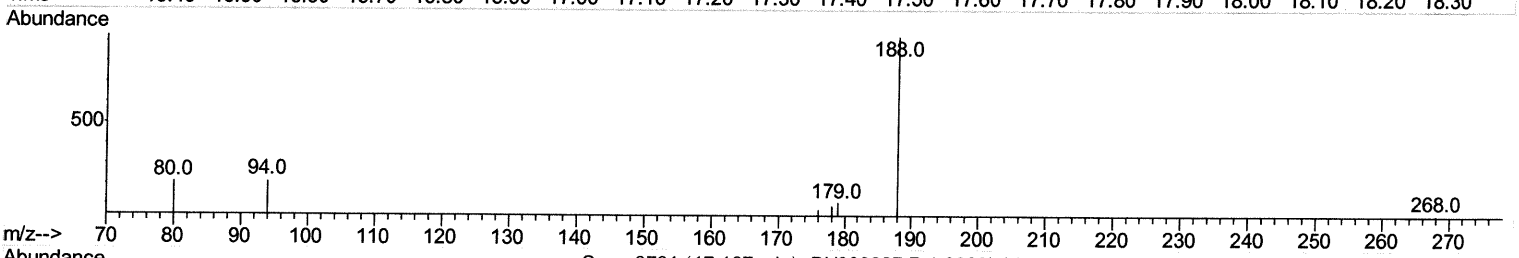
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:37:34 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

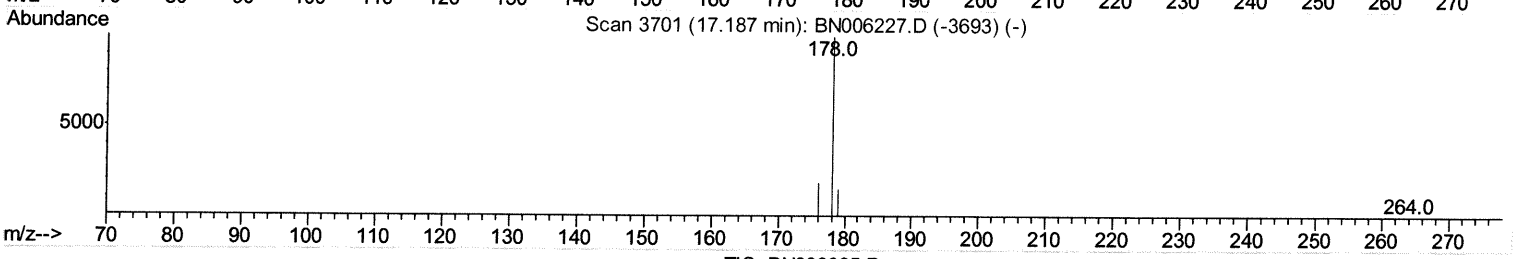
Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM





Scan 3701 (17.187 min): BN006227.D (-3693) (-)



TIC: BN006365.D

(13) Anthracene

17.335min (+0.147) 0.00ng/ul

response 41

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	120.00#
176.00	18.90	83.16#
0.00	0.00	0.00

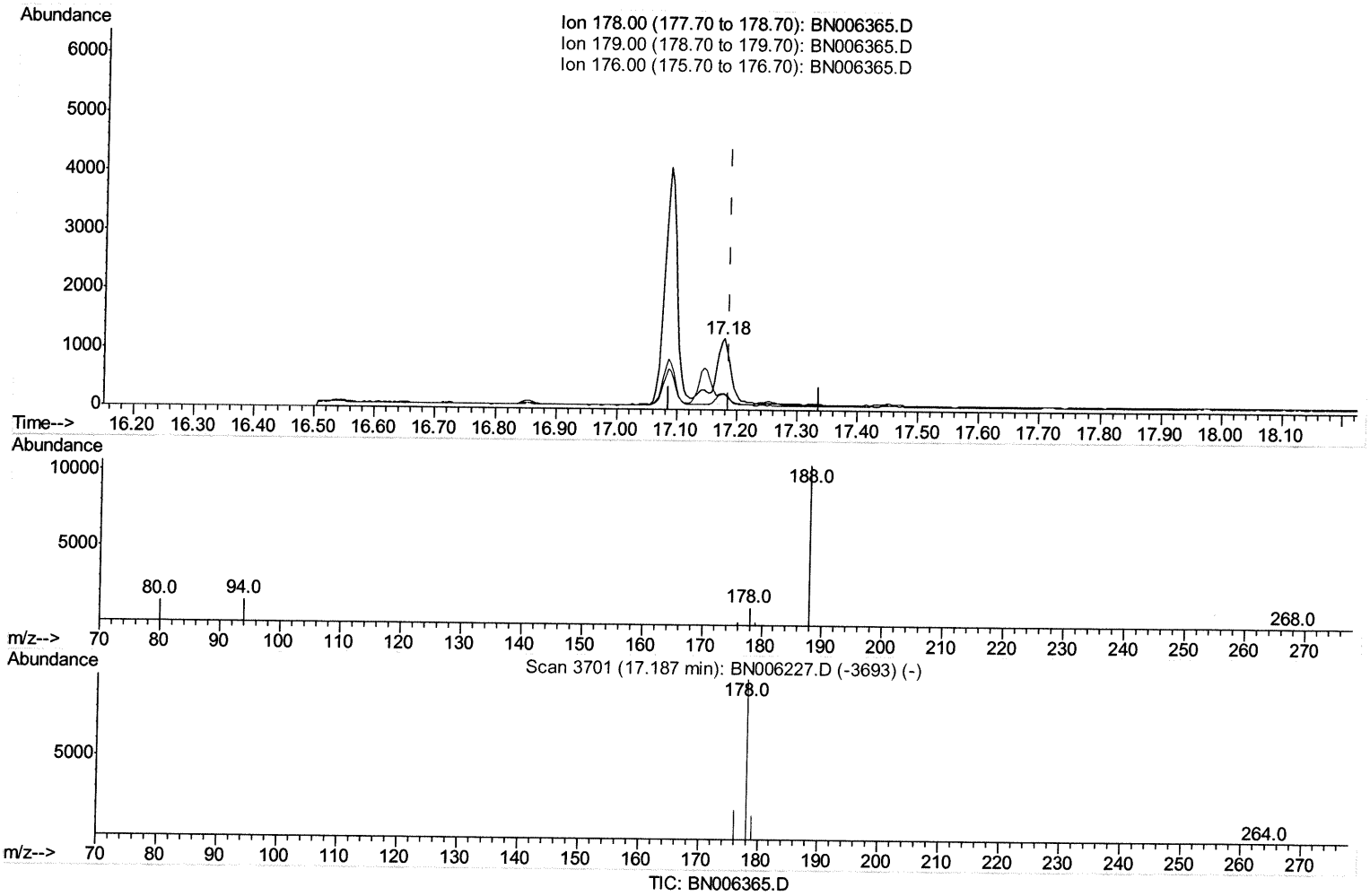
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:37:34 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



TIC: BN006365.D

(13) Anthracene

17.179min (-0.009) 0.04ng/ul m JU 06/18/19

response 1781

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	22.14#
176.00	18.90	23.13#
0.00	0.00	0.00

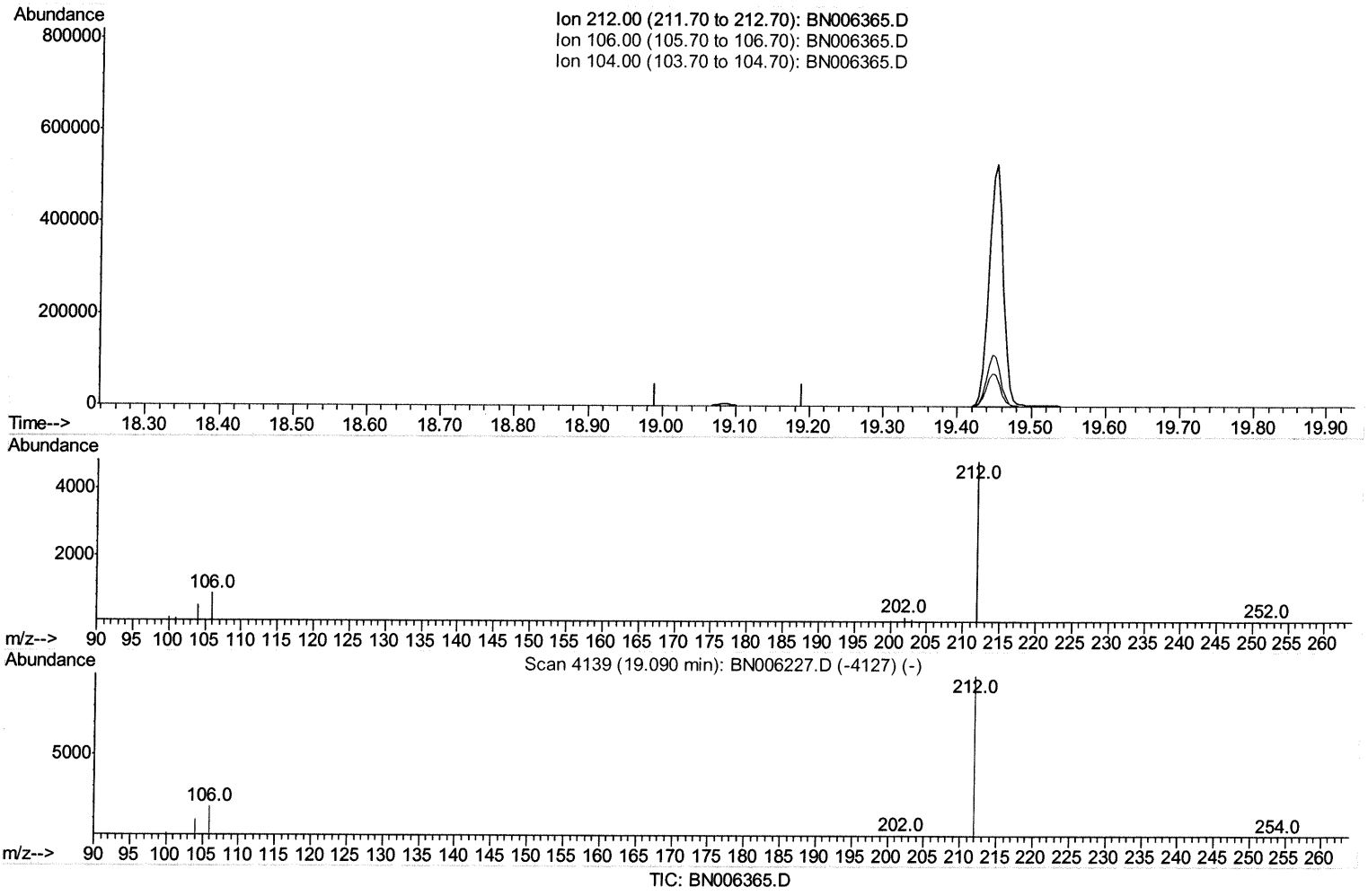
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:37:34 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



Scan 4139 (19.090 min): BN006227.D (-4127) (-)

TIC: BN006365.D

(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

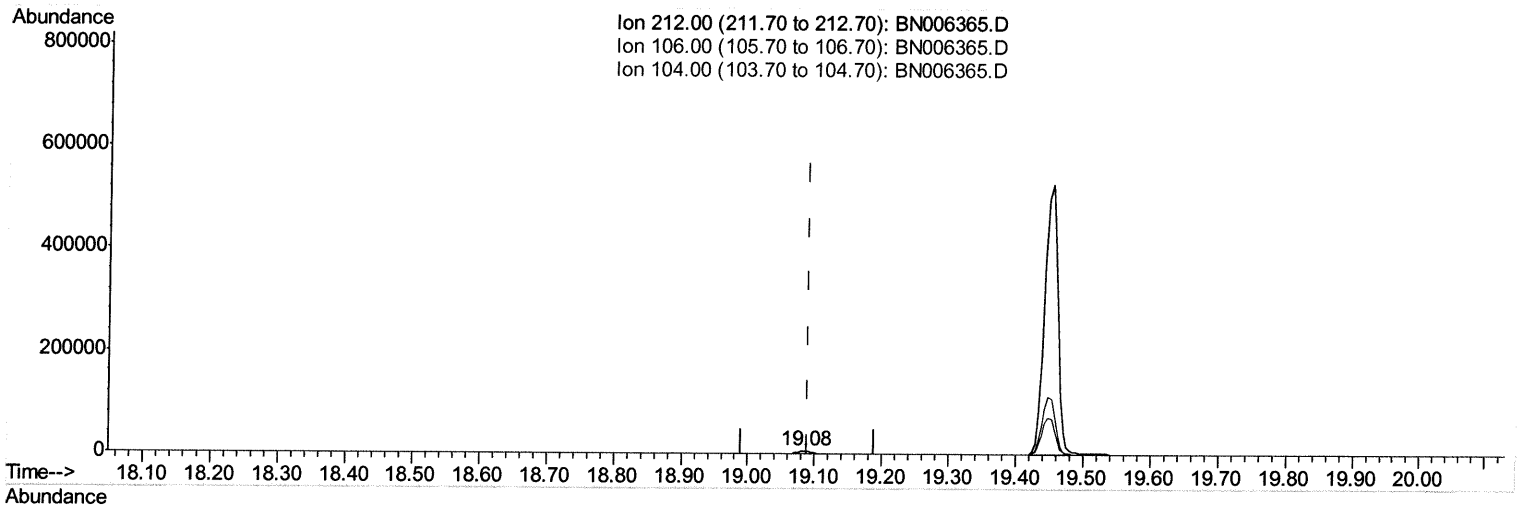
Quantitation Report (Qedit)

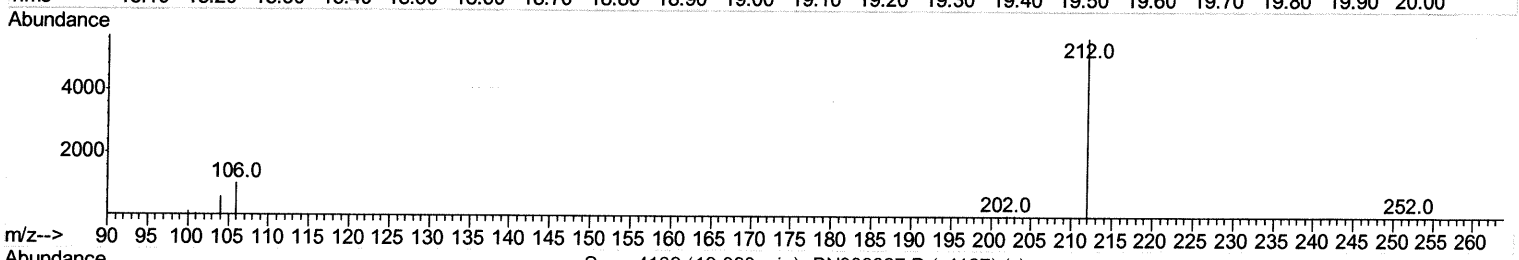
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

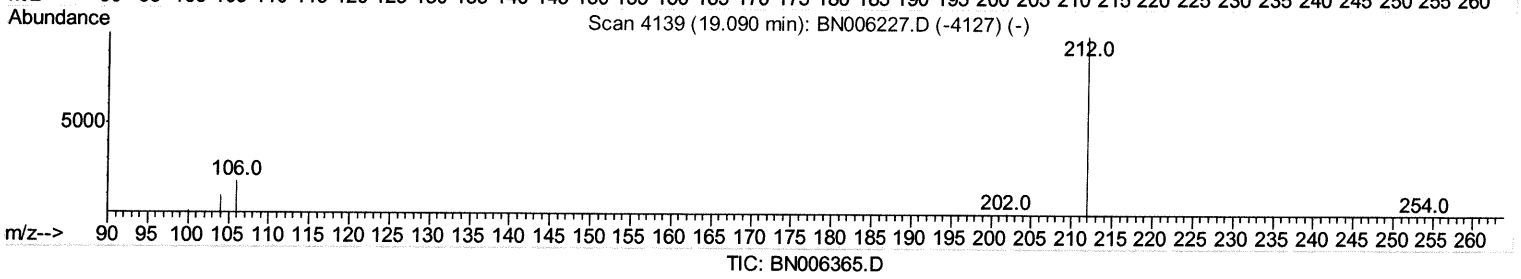
Quant Time: Jun 18 04:37:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM







(14) Fluoranthene-d10 (SURR)

19.085min (-0.005) 0.18ng/ul m JU 06/18/19

response 7901

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

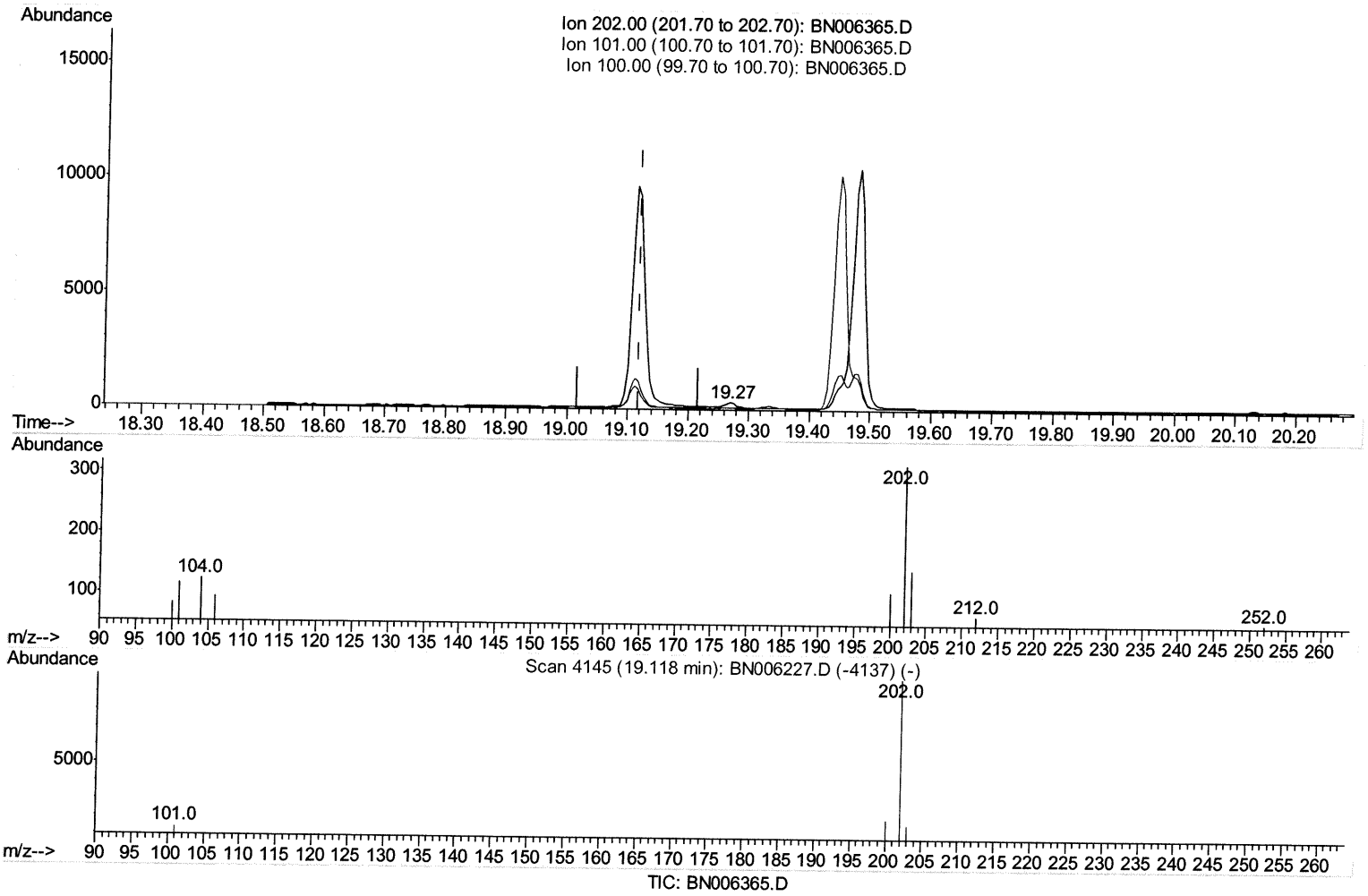
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:37:34 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



(15) Fluoranthene (C)

19.271min (+0.153) 0.00ng/ul

response 277

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	36.59#
100.00	8.70	26.18
0.00	0.00	0.00

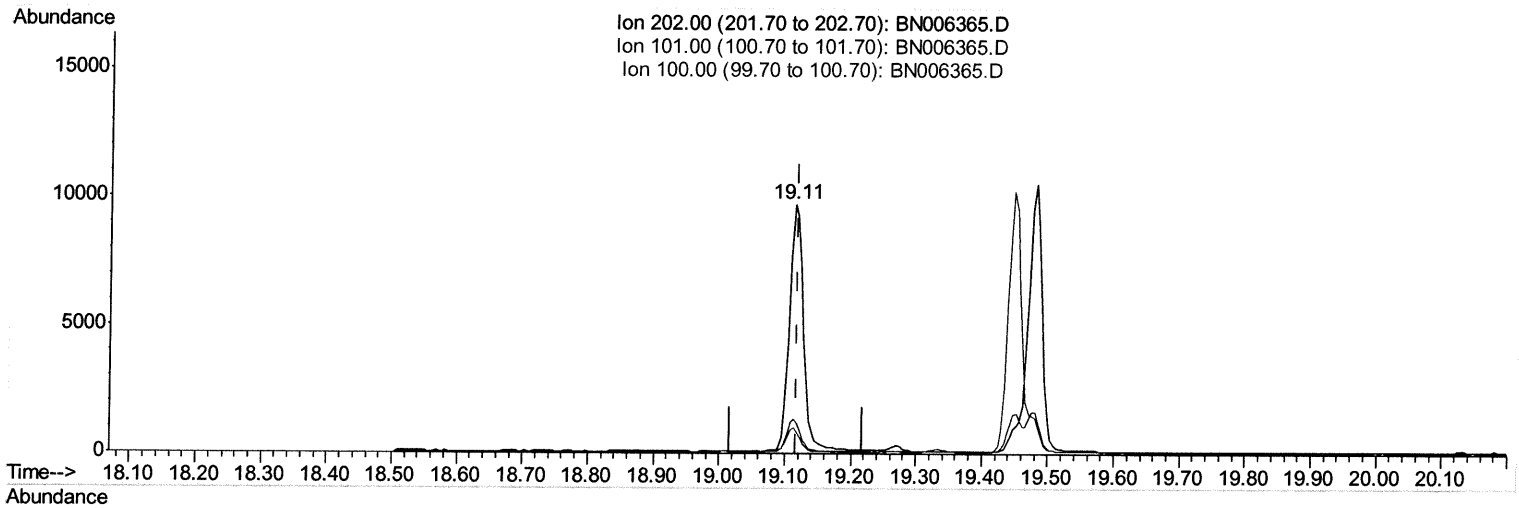
Quantitation Report (Qedit)

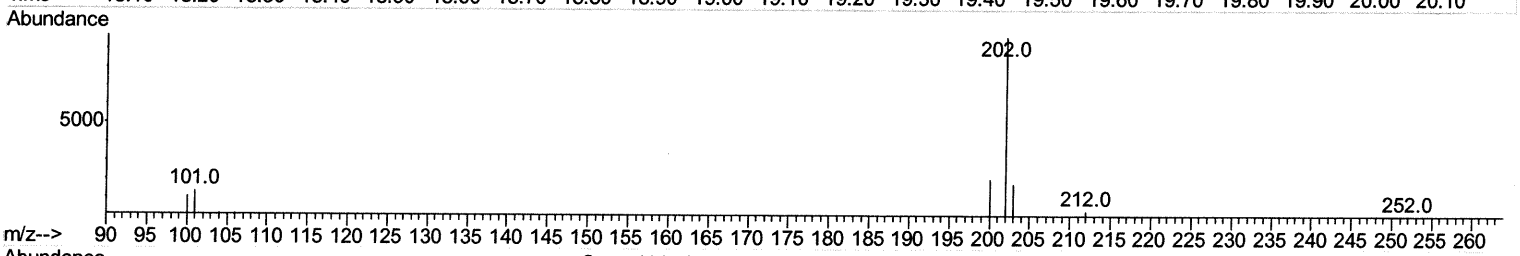
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:37:34 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

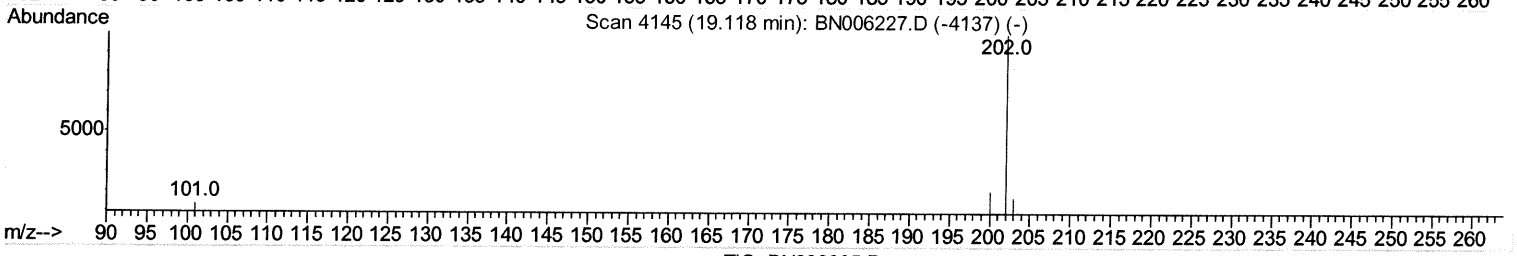
Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM





Scan 4145 (19.118 min): BN006227.D (-4137) (-)



TIC: BN006365.D

(15) Fluoranthene (C)

19.113min (-0.005) 0.24ng/ul m JU 06/18/19

response 14302

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.81
100.00	8.70	10.49
0.00	0.00	0.00

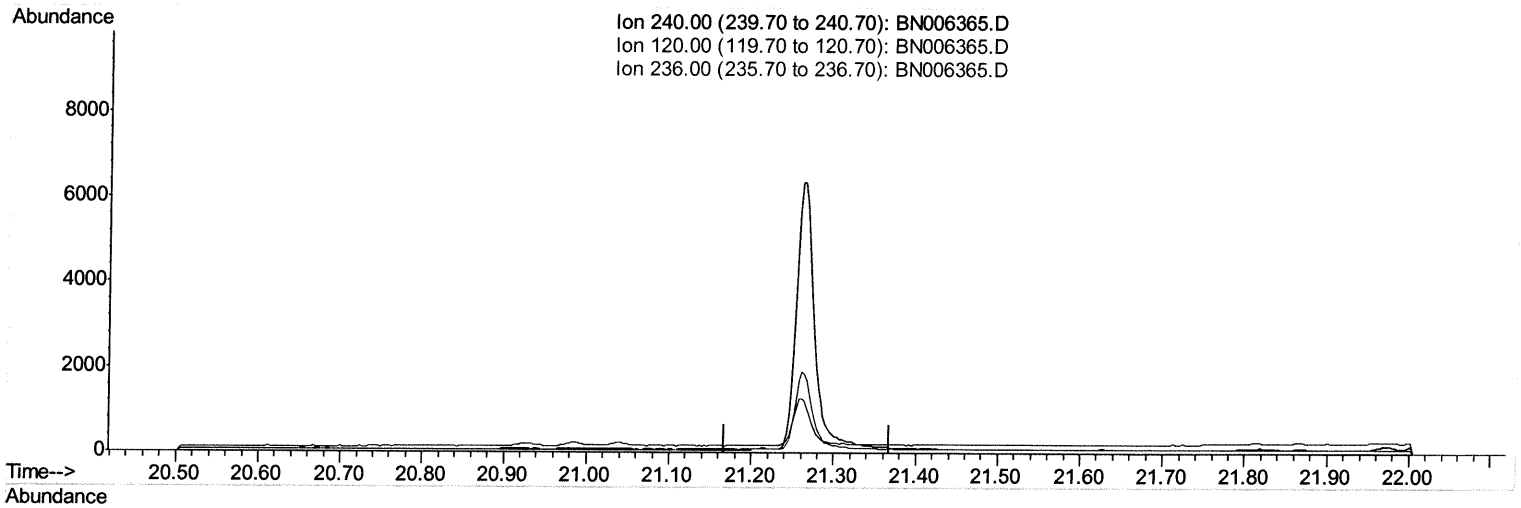
Quantitation Report (Qedit)

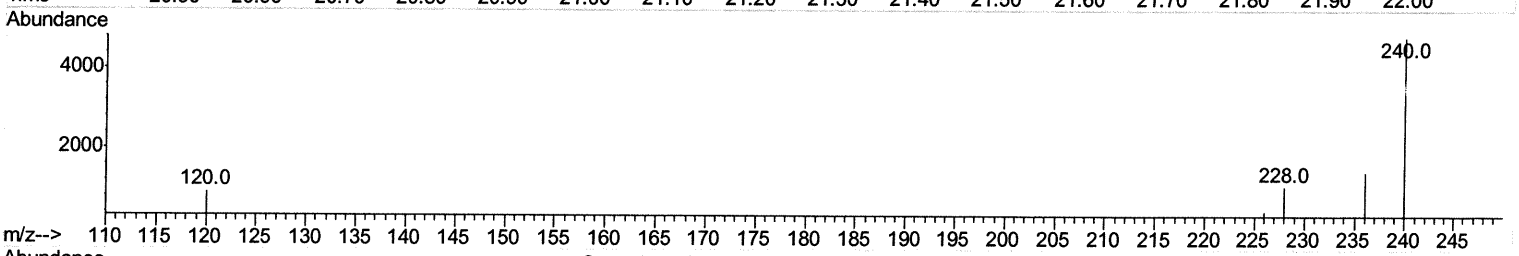
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:37:34 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

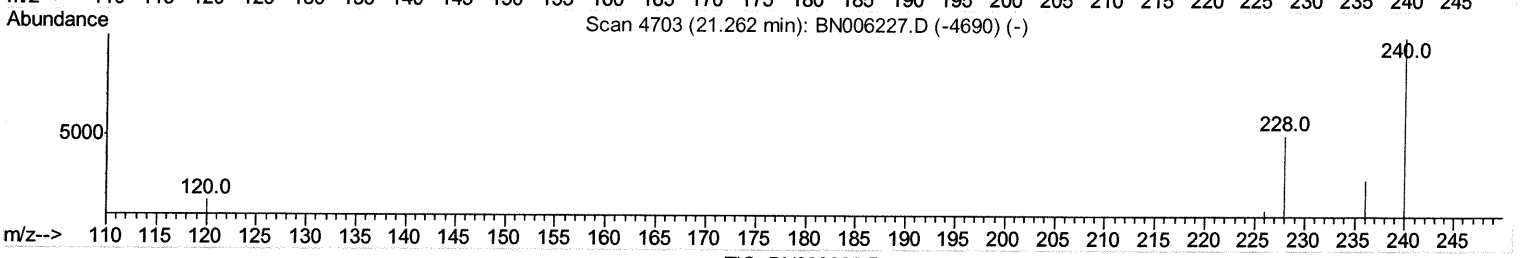
Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM





Scan 4703 (21.262 min): BN006227.D (-4690) (-)



TIC: BN006365.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

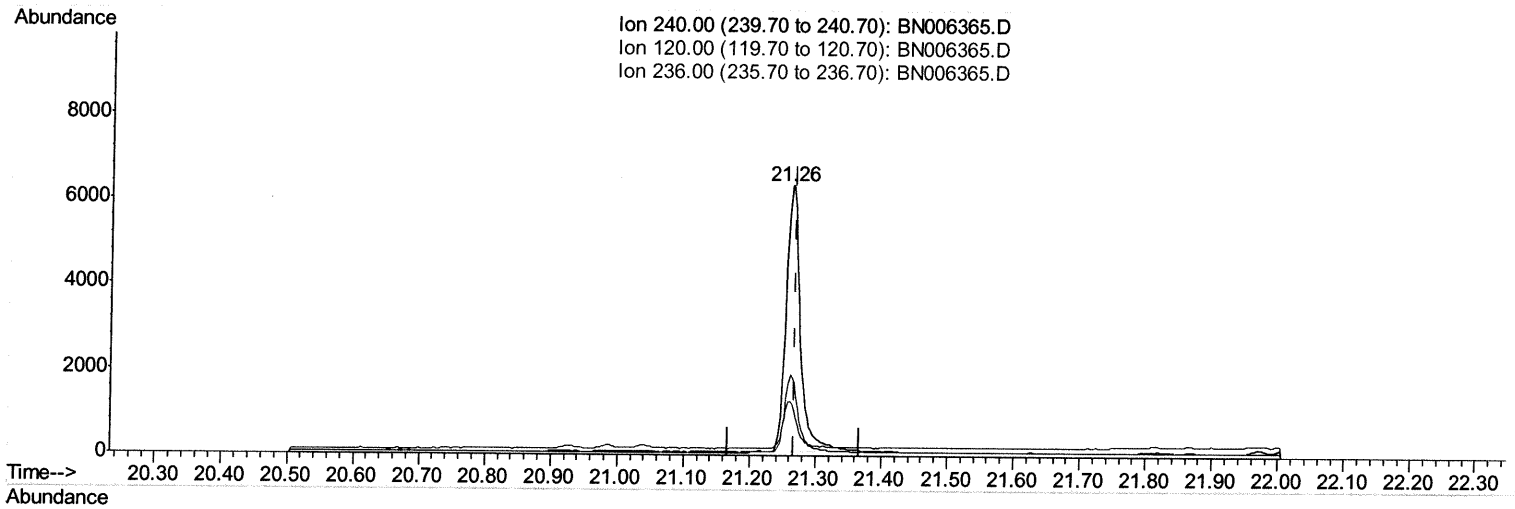
Quantitation Report (Qedit)

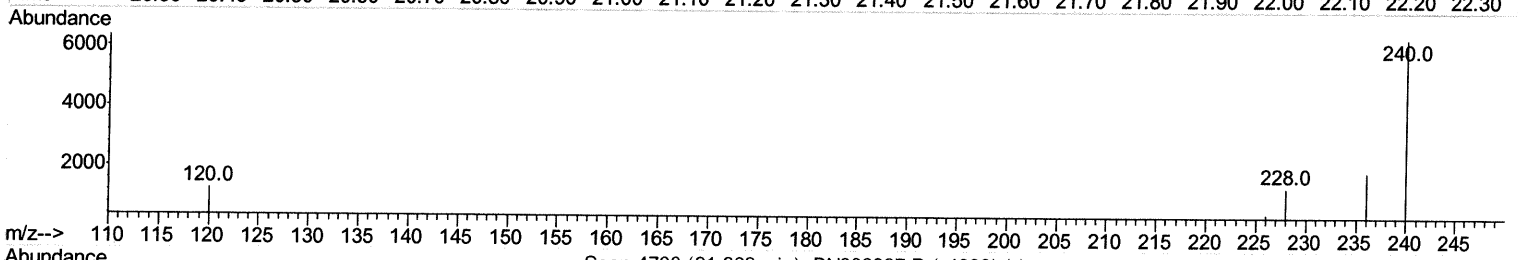
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:37:34 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

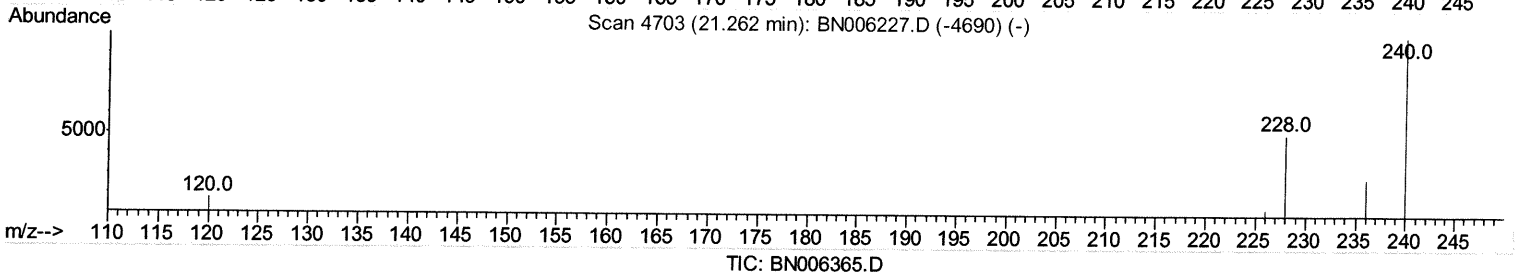
Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM





Scan 4703 (21.262 min): BN006227.D (-4690) (-)



TIC: BN006365.D

(16) Chrysene-d12 (I)

21.260min (-0.008) 0.40ng/ul m JU 06/18/19

response 9614

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.12
236.00	30.10	30.00
0.00	0.00	0.00

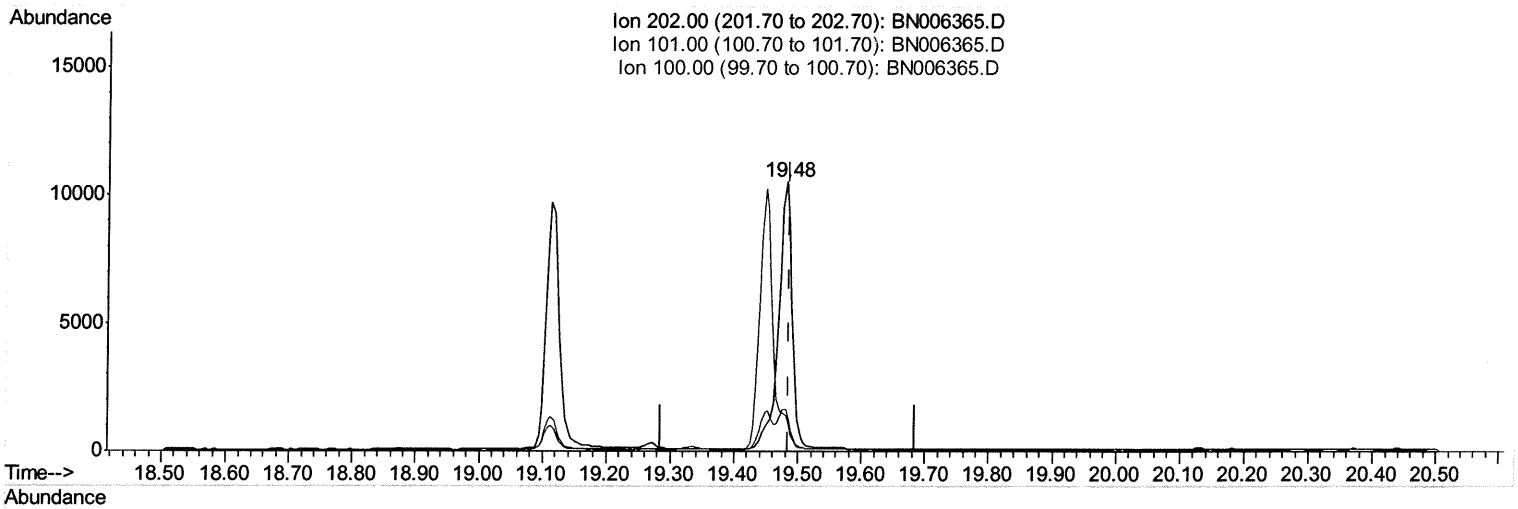
Quantitation Report (Qedit)

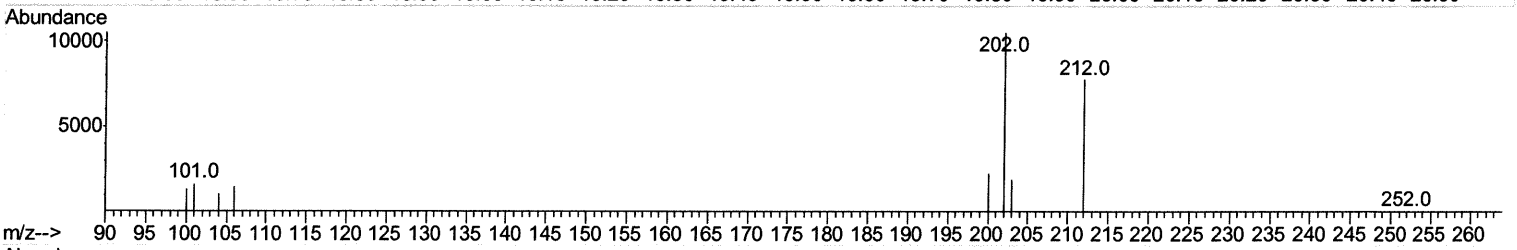
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

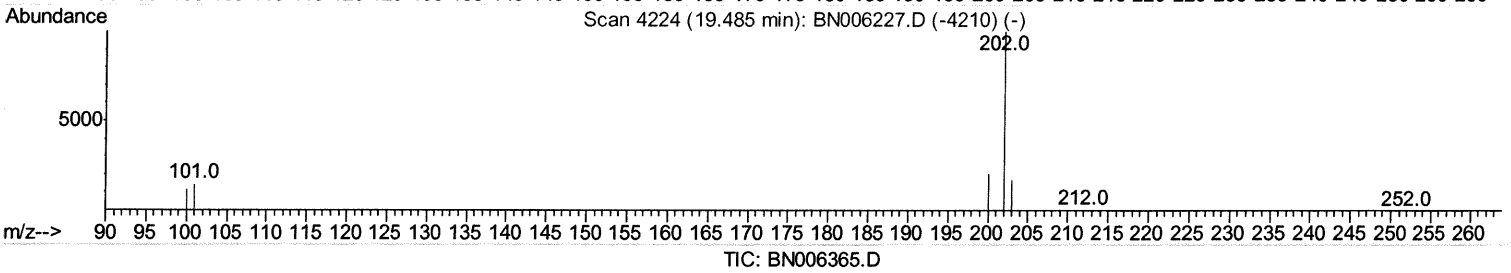
Quant Time: Jun 18 04:39:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM







TIC: BN006365.D

(17) Pyrene

19.480min (-0.005) 0.31ng/ul

response 15651

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	15.66
100.00	12.20	13.15
0.00	0.00	0.00

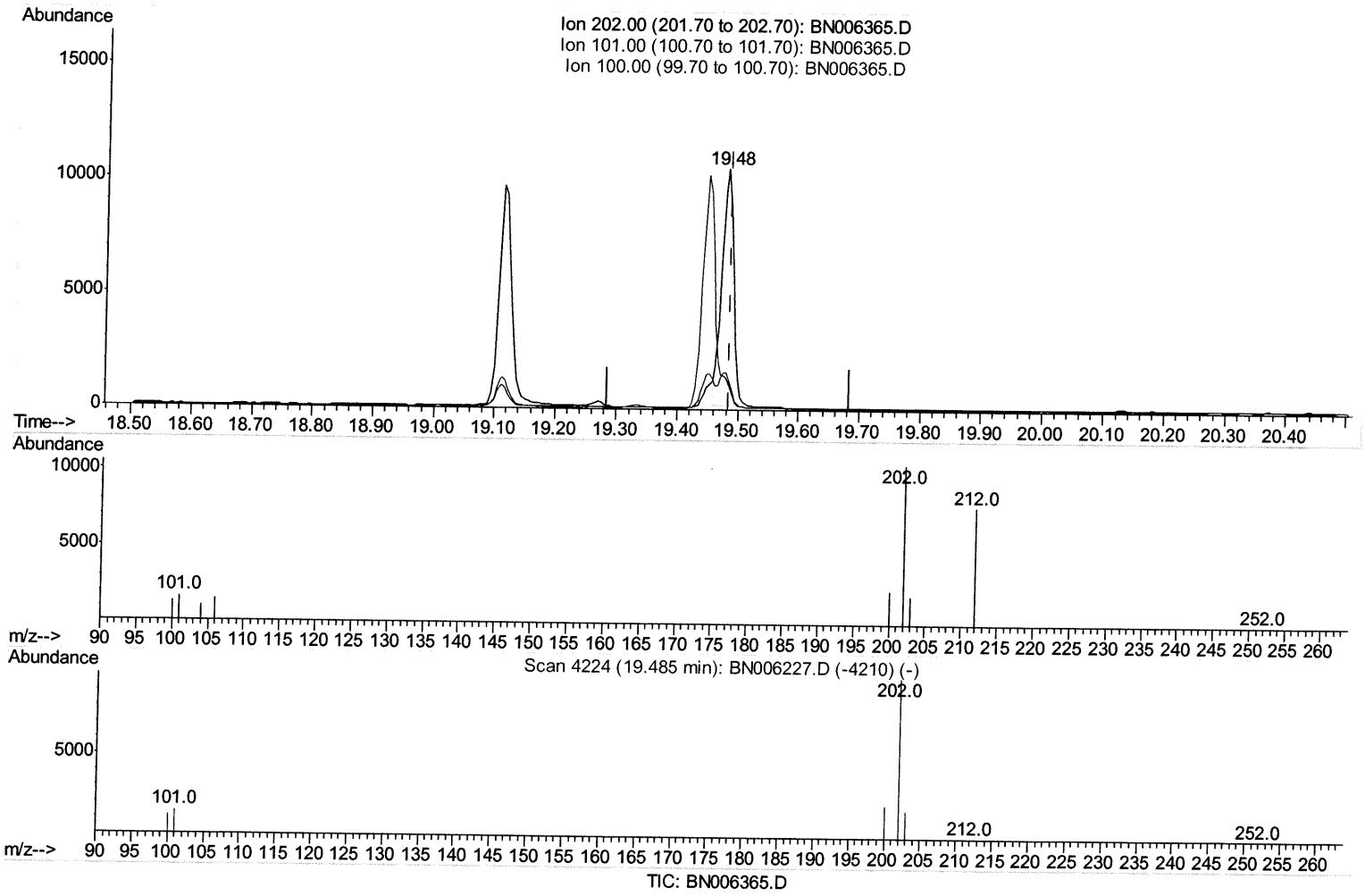
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:39:21 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



TIC: BN006365.D

(17) Pyrene

19.480min (-0.005) 0.27ng/ul m JU 06/18/19

response 13837

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	15.66
100.00	12.20	13.15
0.00	0.00	0.00

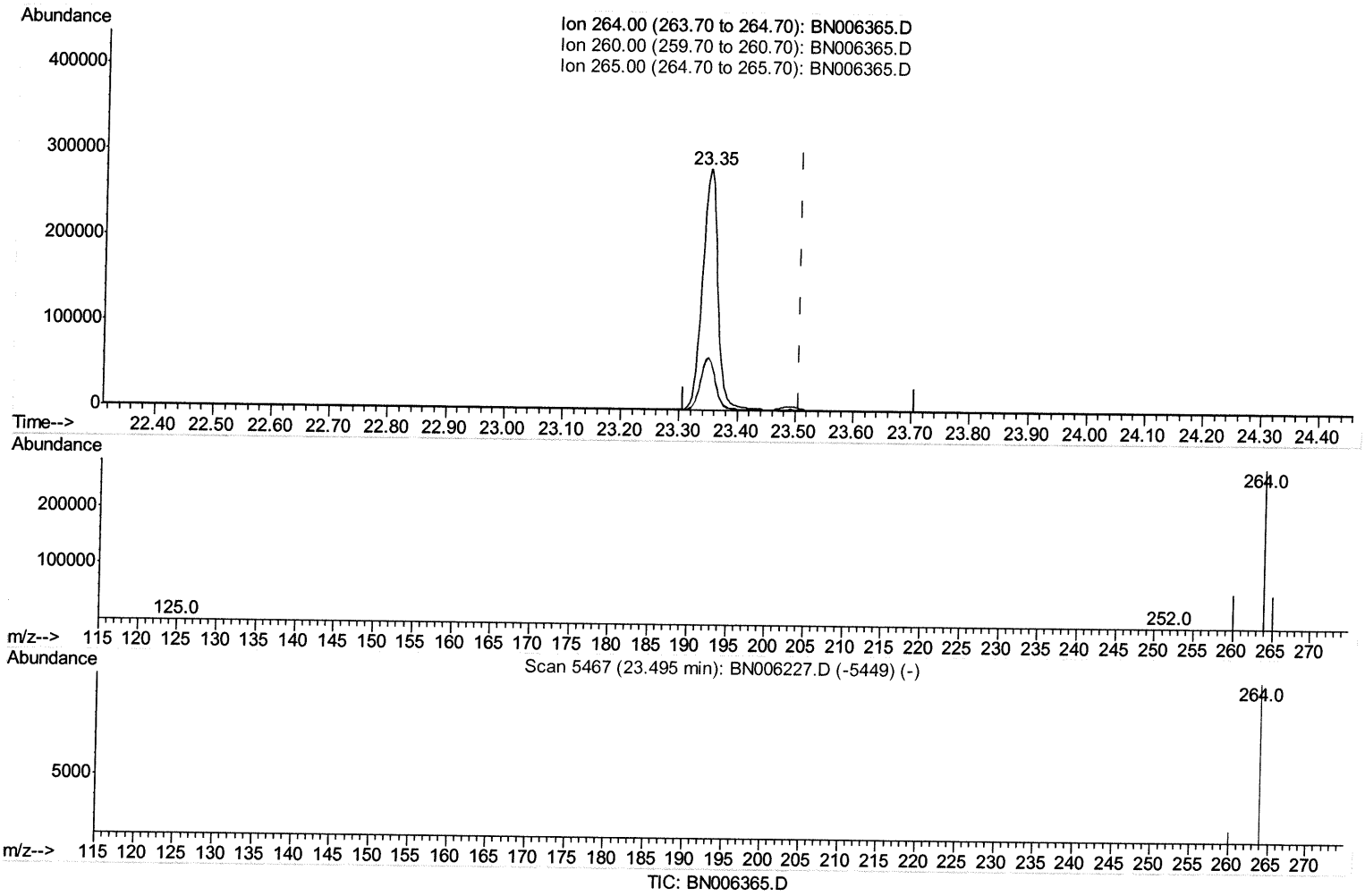
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:39:21 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



TIC: BN006365.D

(20) Perylene-d12 (I)

23.350min (-0.157) 0.40ng/ul

response 508927

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	21.96#
265.00	44.70	21.37#
0.00	0.00	0.00

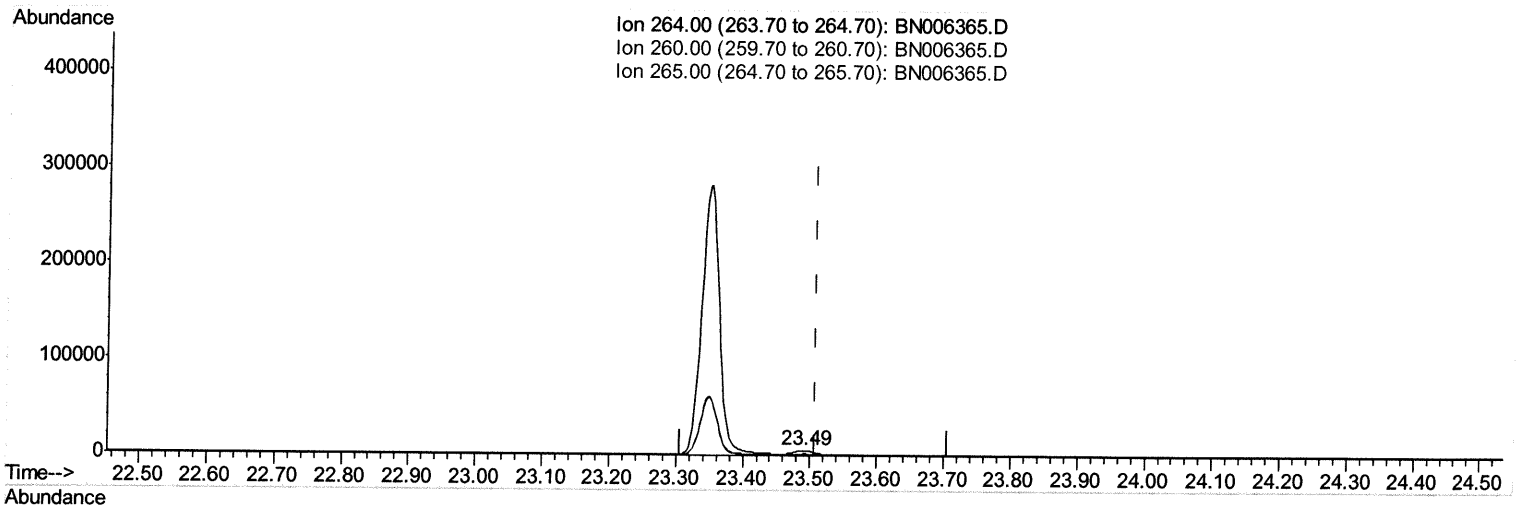
Quantitation Report (Qedit)

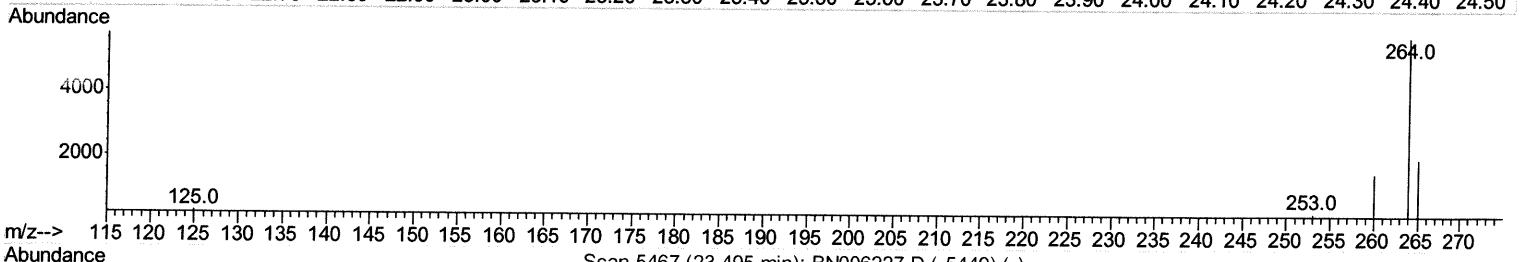
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

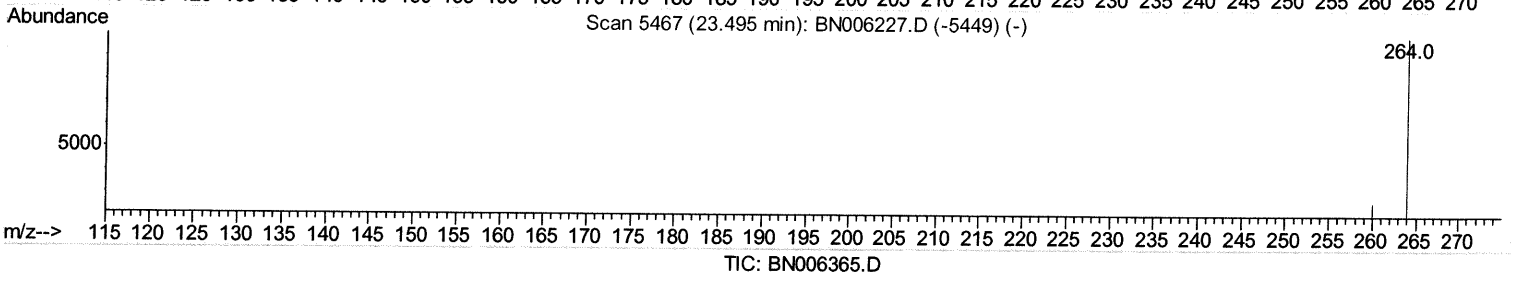
Quant Time: Jun 18 04:39:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM







(20) Perylene-d12 (I)

23.490min (-0.017) 0.40ng/ul m JU 06/18/19

response 8148

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.64
265.00	44.70	34.90#
0.00	0.00	0.00

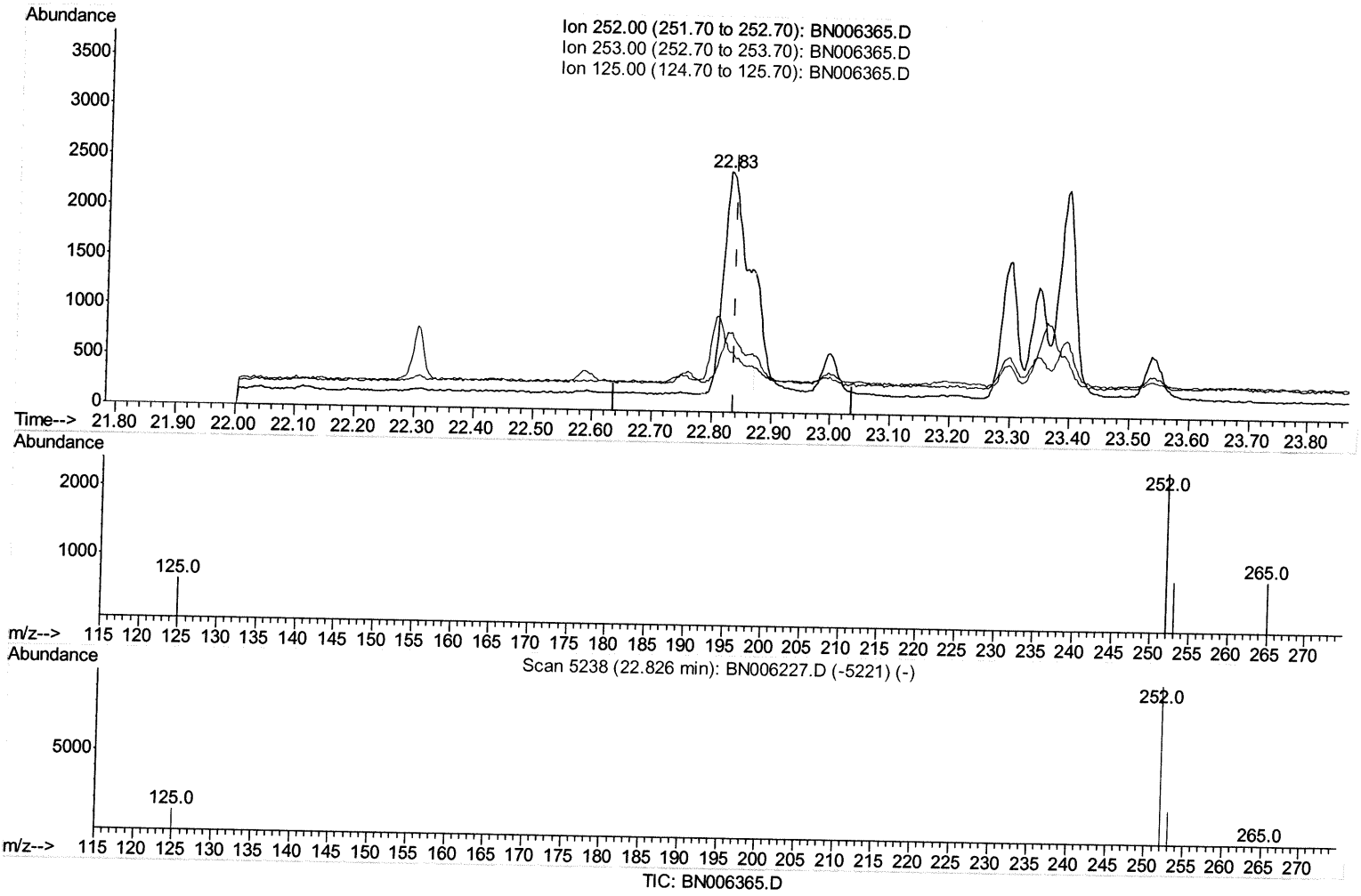
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



(21) Benzo(b)fluoranthene

22.827min (-0.011) 0.18ng/ul

response 6101

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	33.08
125.00	20.50	26.47
0.00	0.00	0.00

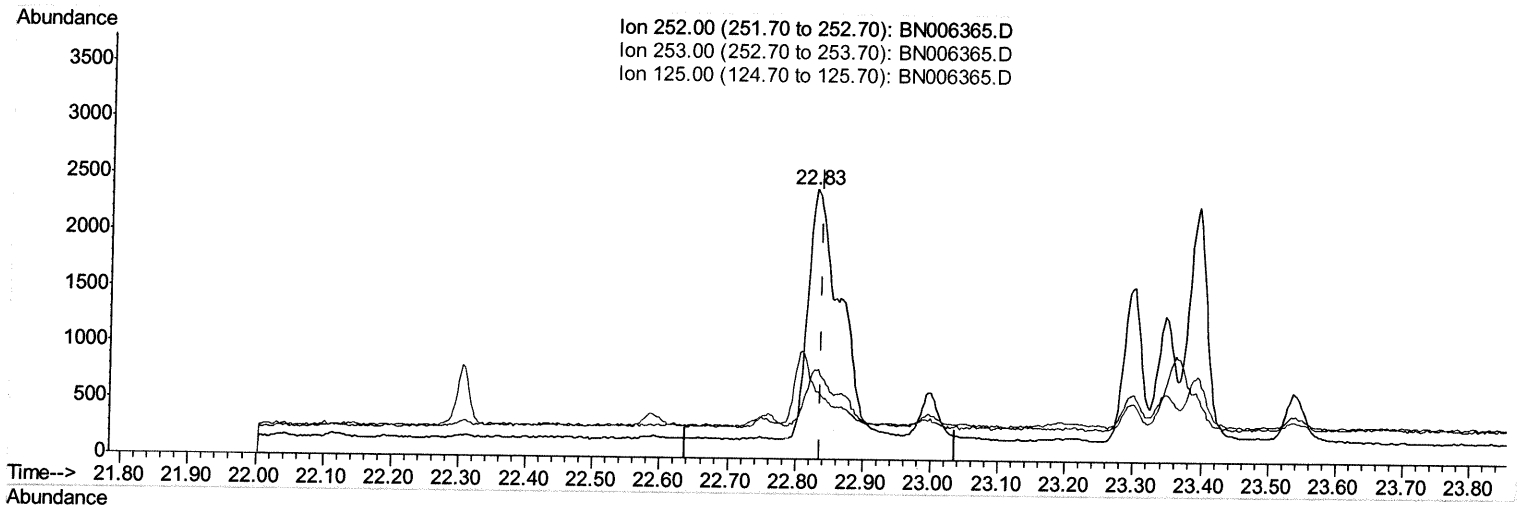
Quantitation Report (Qedit)

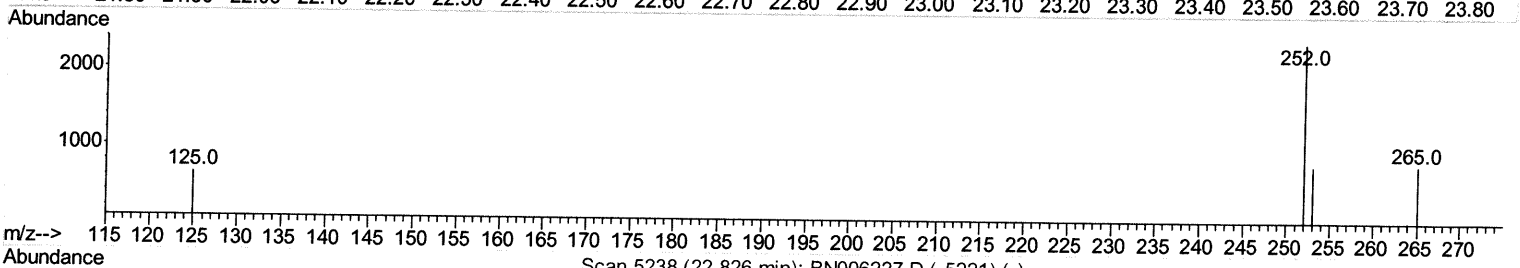
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

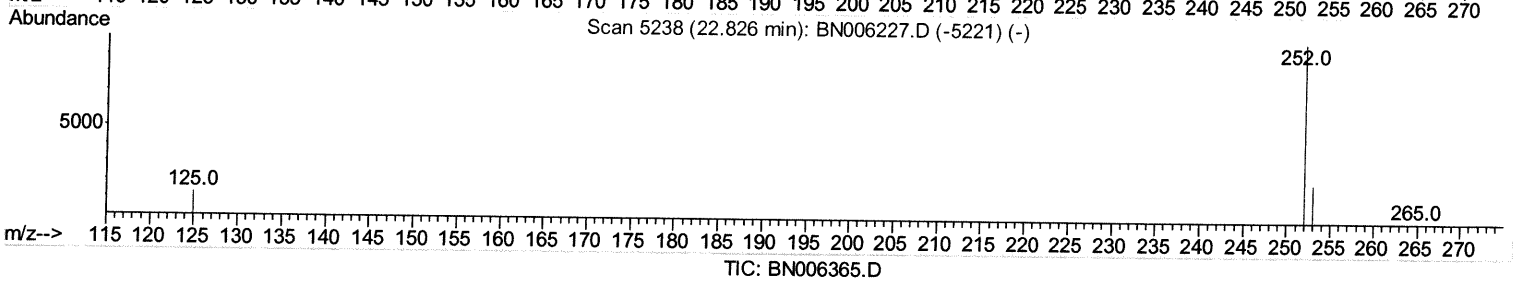
Quant Time: Jun 18 04:40:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM







TIC: BN006365.D

(21) Benzo(b)fluoranthene

22.827min (-0.011) 0.15ng/ul m JU 06/18/19

response 5028

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	33.08
125.00	20.50	26.47
0.00	0.00	0.00

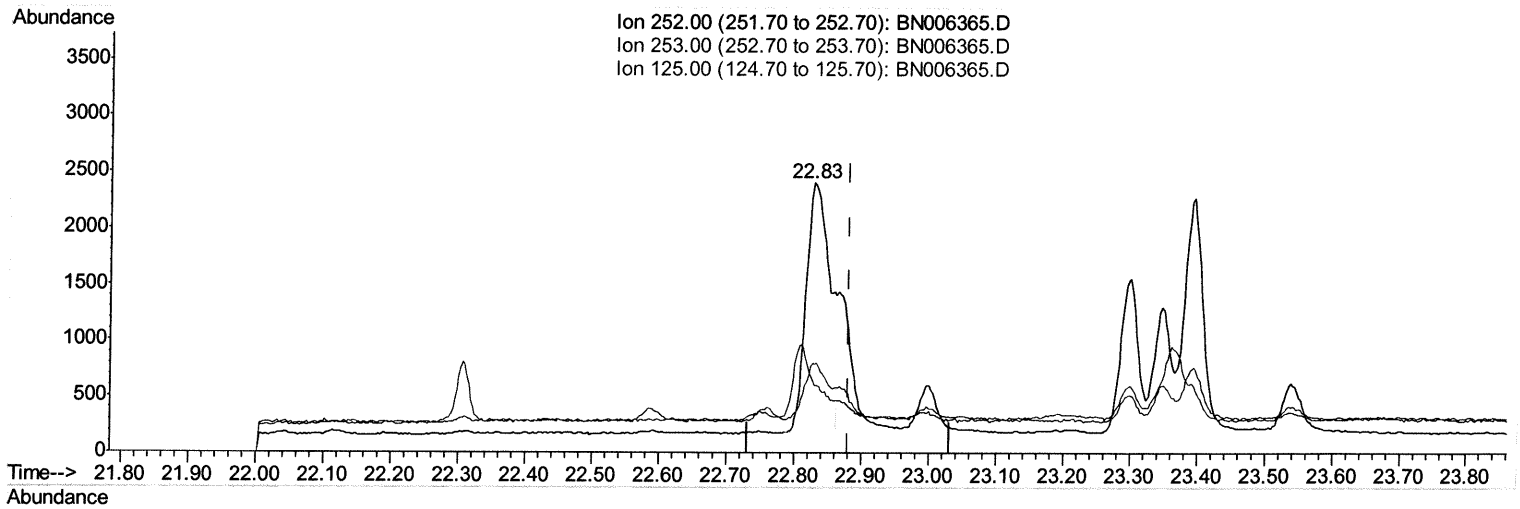
Quantitation Report (Qedit)

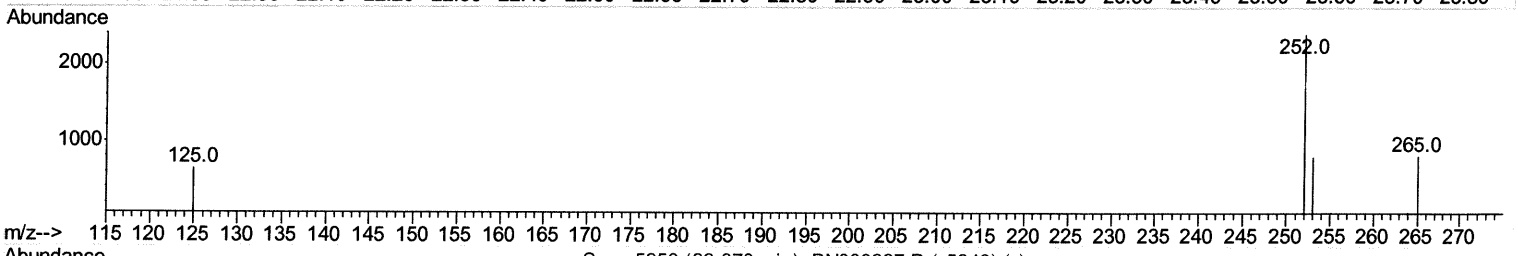
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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

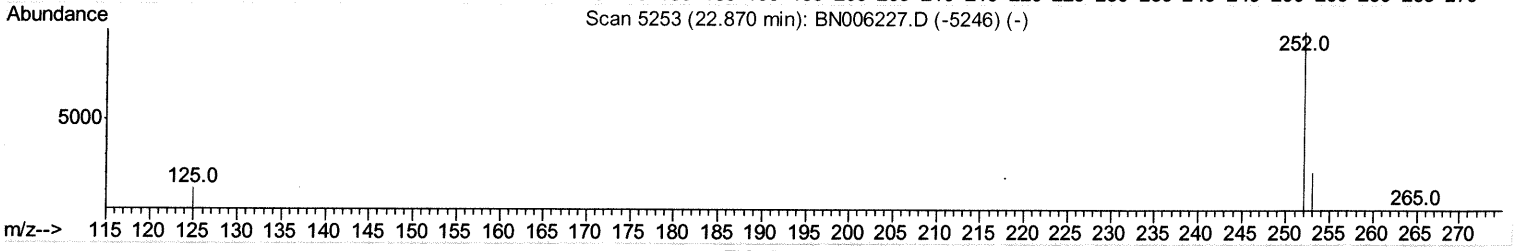
Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM





Scan 5253 (22.870 min): BN006227.D (-5246) (-)



TIC: BN006365.D

(22) Benzo(k)fluoranthene

22.827min (-0.055) 0.16ng/ul

response 5447

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	33.08#
125.00	17.90	26.47#
0.00	0.00	0.00

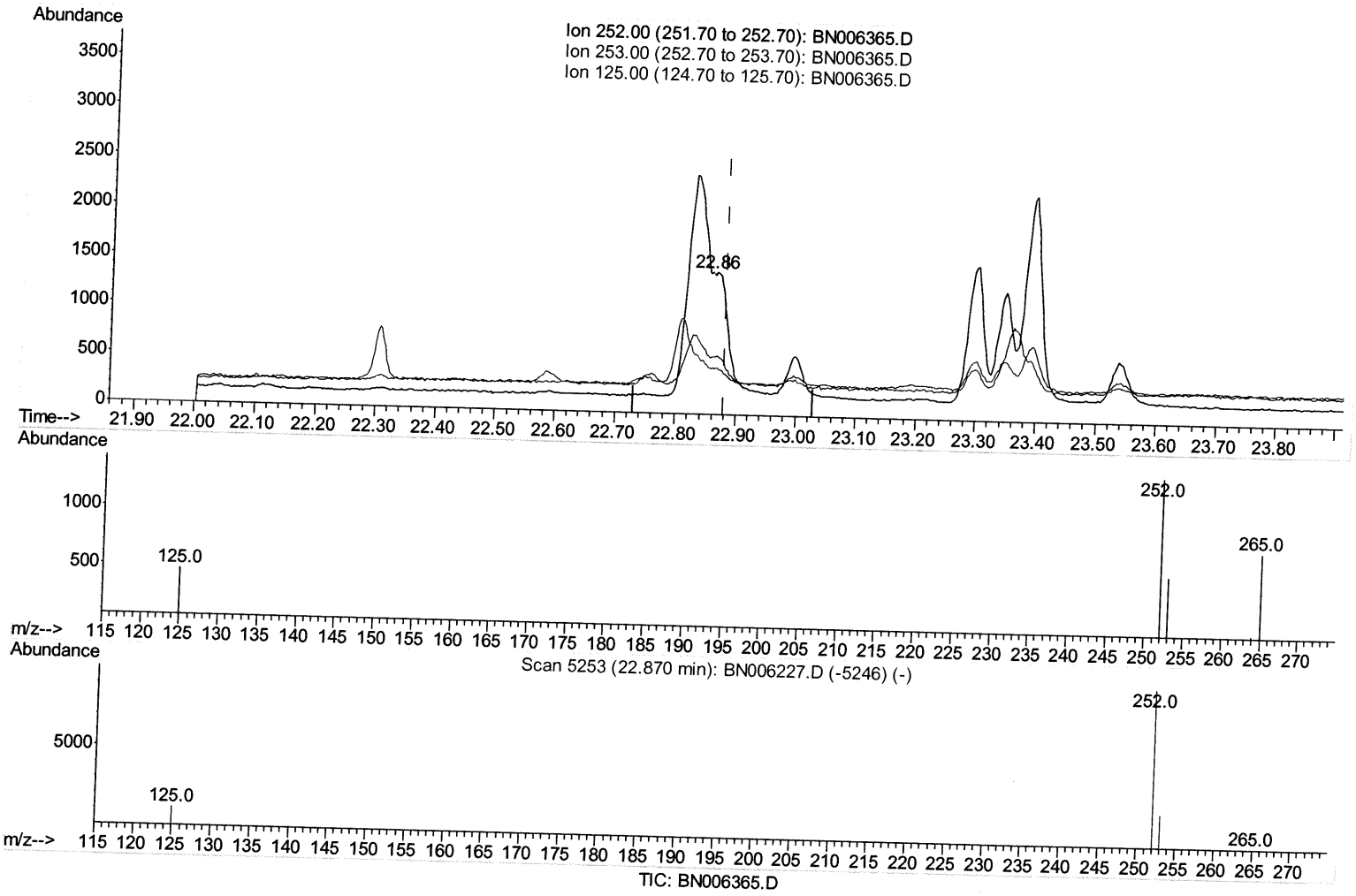
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



TIC: BN006365.D

(22) Benzo(k)fluoranthene

22.859min (-0.022) 0.05ng/ul m JU 06/18/19

response 1773

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	40.74#
125.00	17.90	32.42#
0.00	0.00	0.00

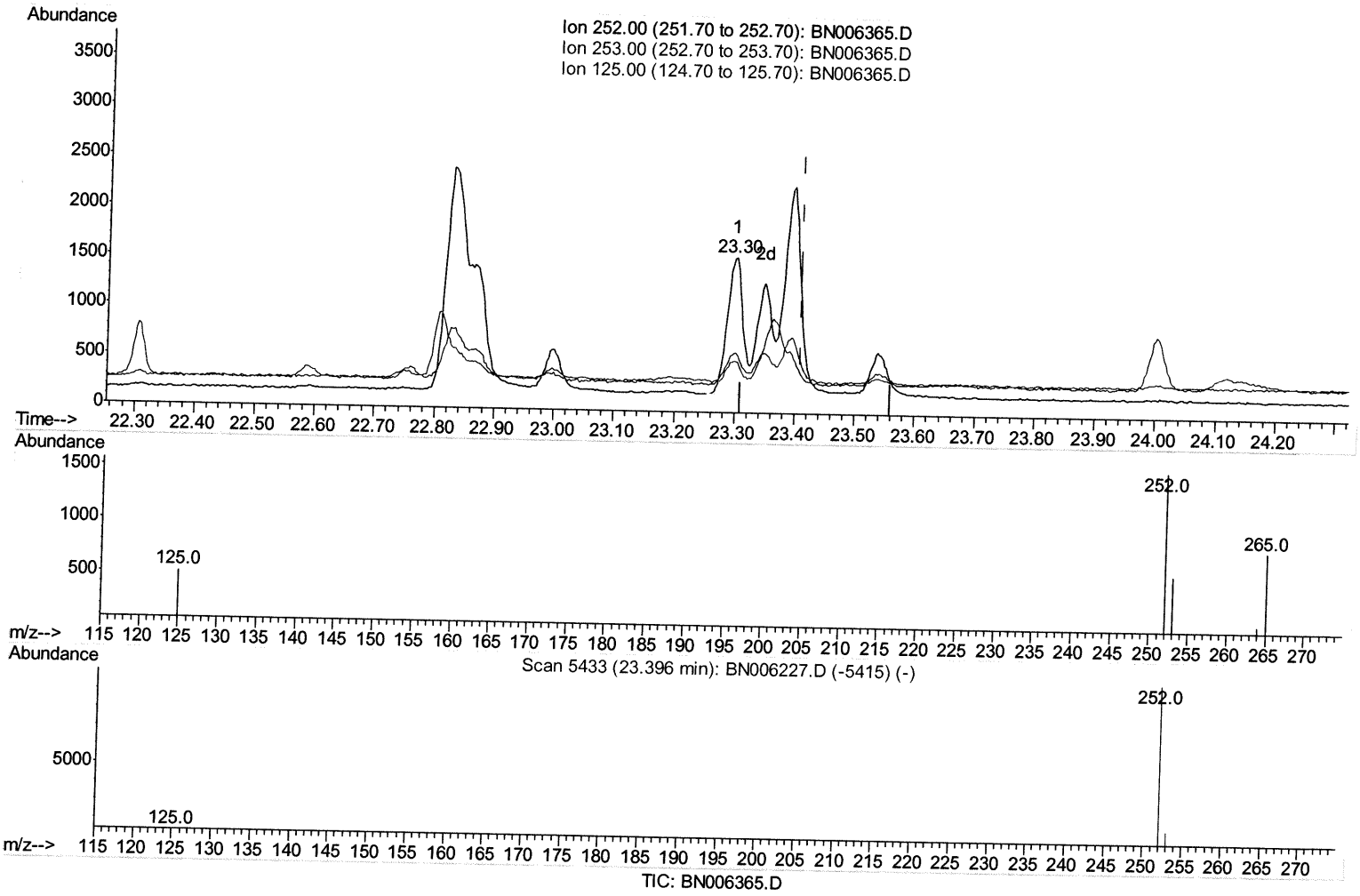
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



TIC: BN006365.D

(23) Benzo(a)pyrene (C)

23.300min (-0.110) 0.08ng/ul

response 2495

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	38.37#
125.00	25.40	32.97#
0.00	0.00	0.00

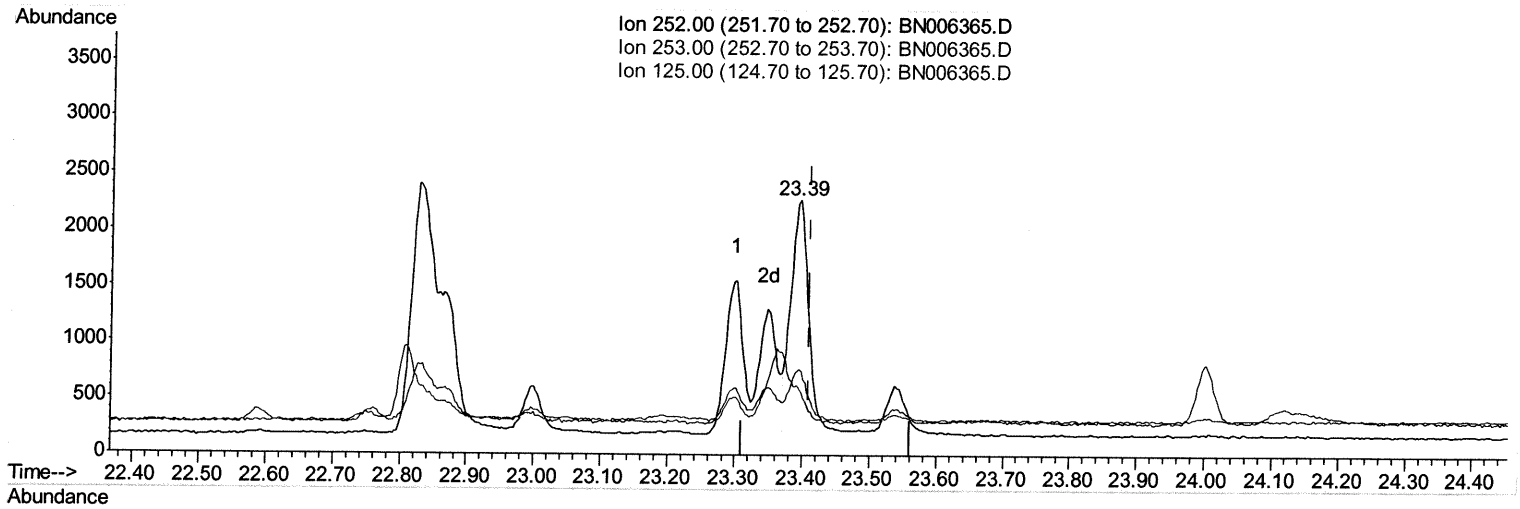
Quantitation Report (Qedit)

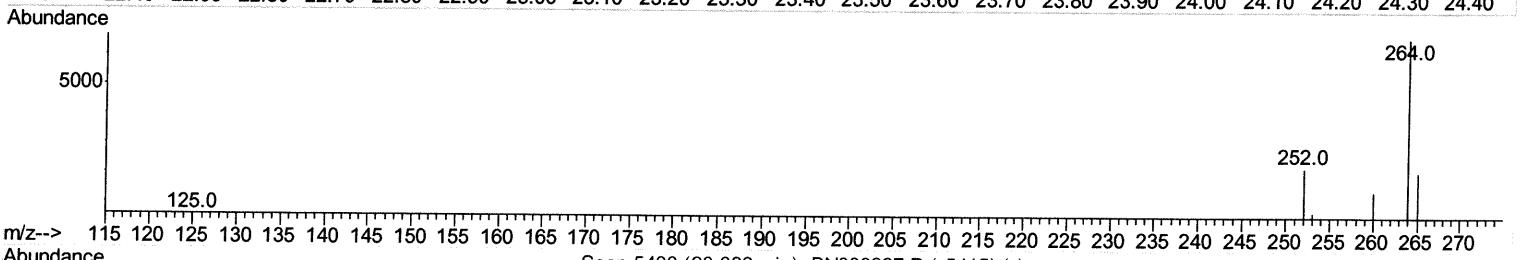
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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

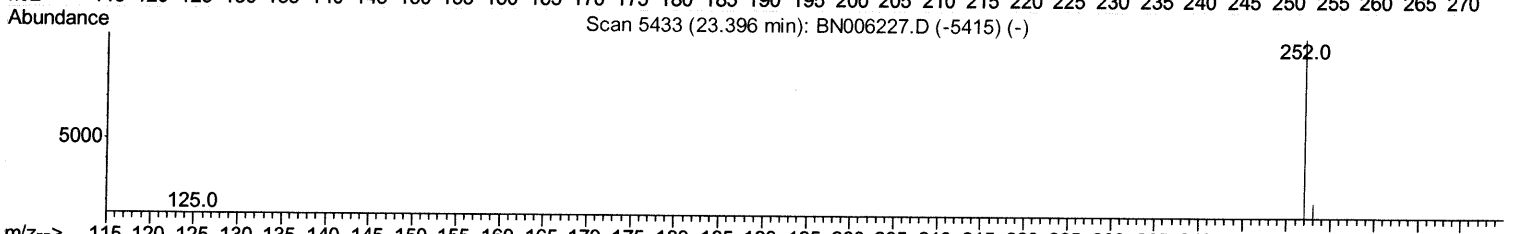
Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM





Scan 5433 (23.396 min): BN006227.D (-5415) (-)



TIC: BN006365.D

(23) Benzo(a)pyrene (C)

23.394min (-0.017) 0.12ng/ul m JU 06/18/19

response 3853

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	33.54#
125.00	25.40	26.19
0.00	0.00	0.00

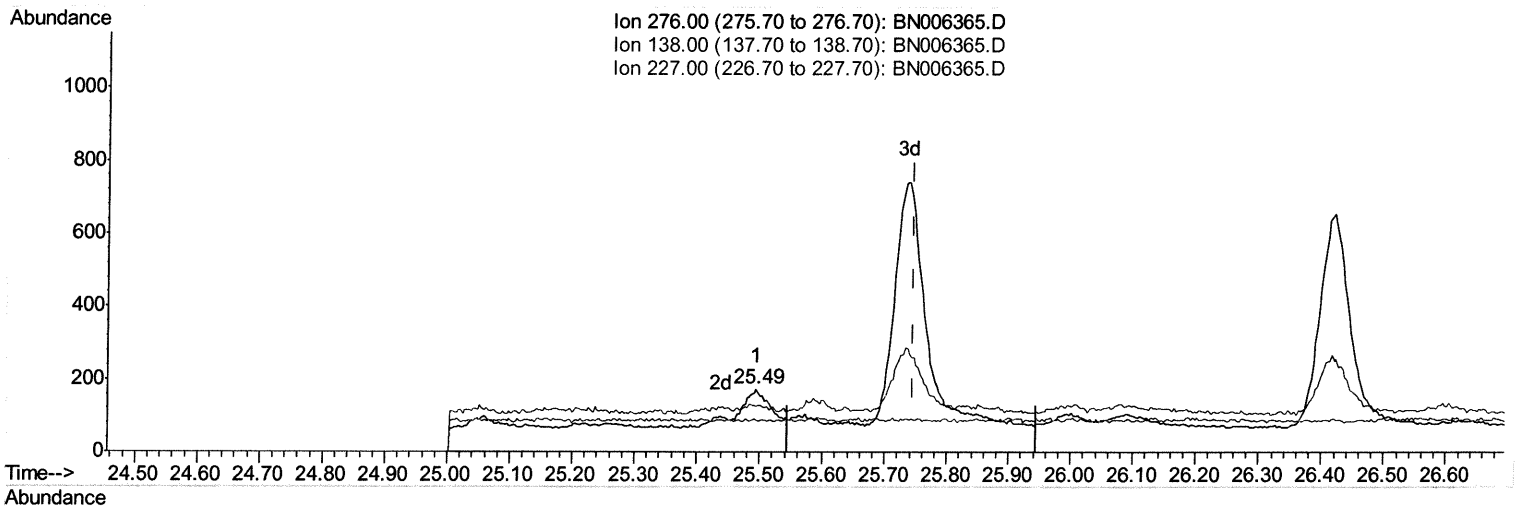
Quantitation Report (Qedit)

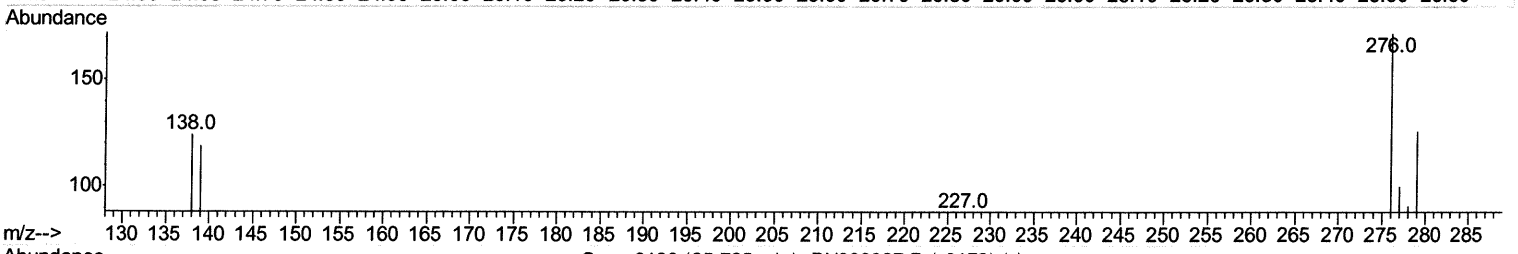
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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

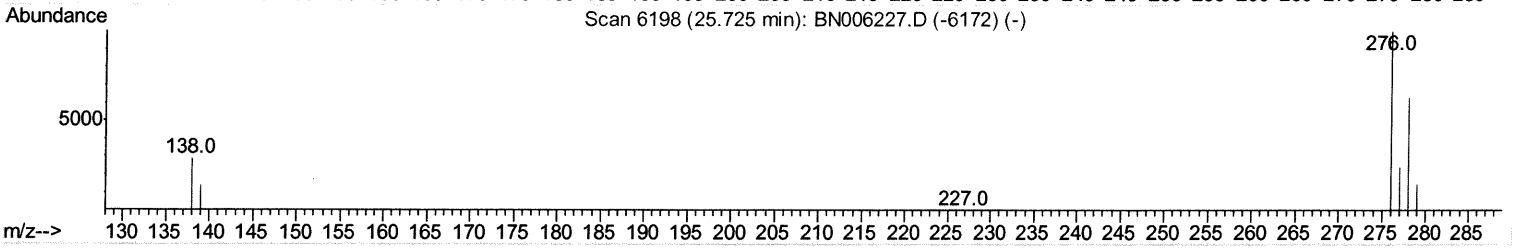
Instrument :
BNA_N
ClientSampleId :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM





Scan 6198 (25.725 min): BN006227.D (-6172) (-)



TIC: BN006365.D

(24) Indeno(1,2,3-cd)pyrene

25.495min (-0.251) 0.01ng/ul

response 281

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	0.00#
227.00	0.40	1.07#
0.00	0.00	0.00

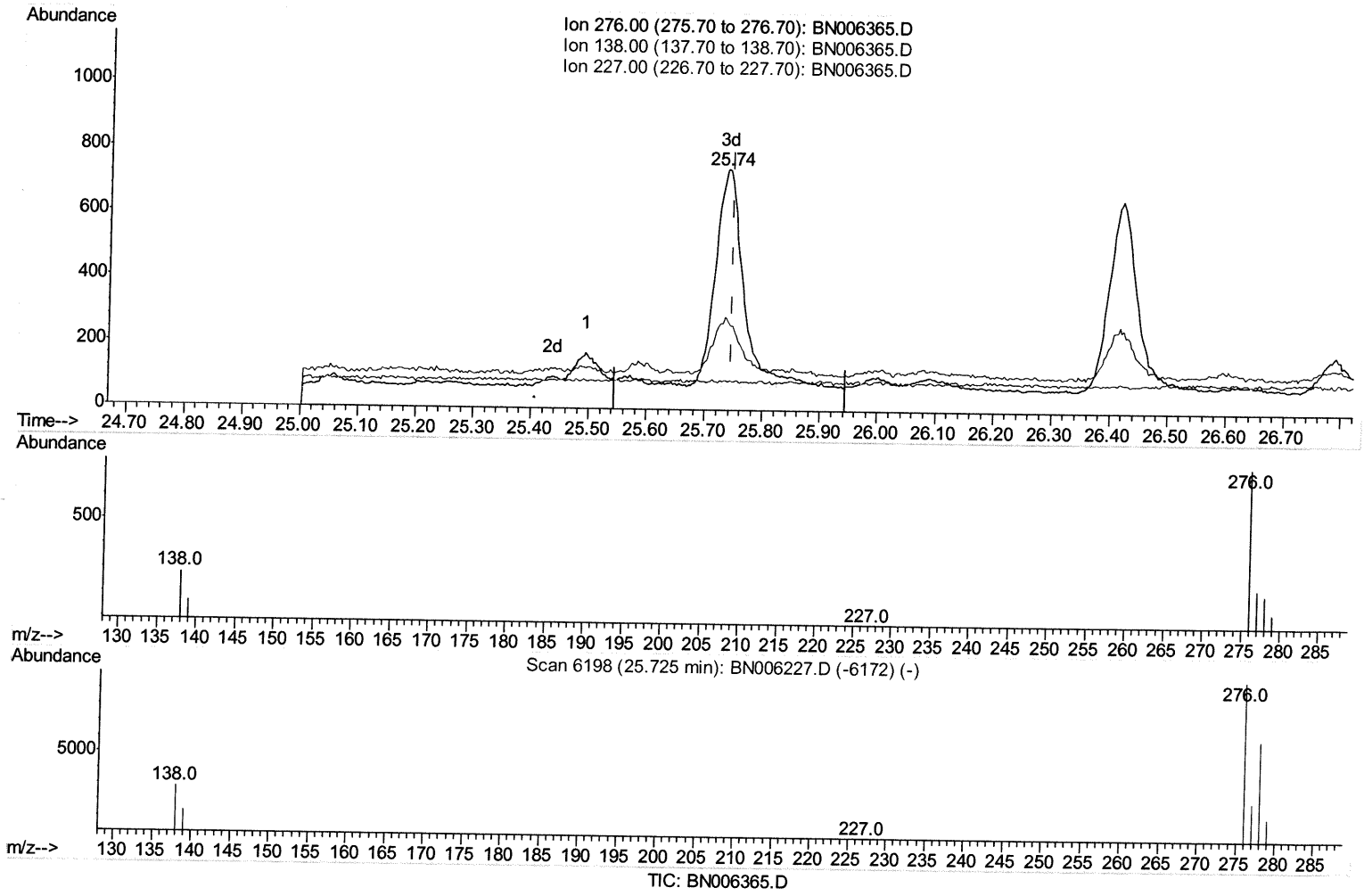
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



TIC: BN006365.D

(24) Indeno(1,2,3-cd)pyrene

25.736min (-0.009) 0.06ng/ul m JU 06/18/19

response 2198

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	0.00#
227.00	0.40	0.14#
0.00	0.00	0.00

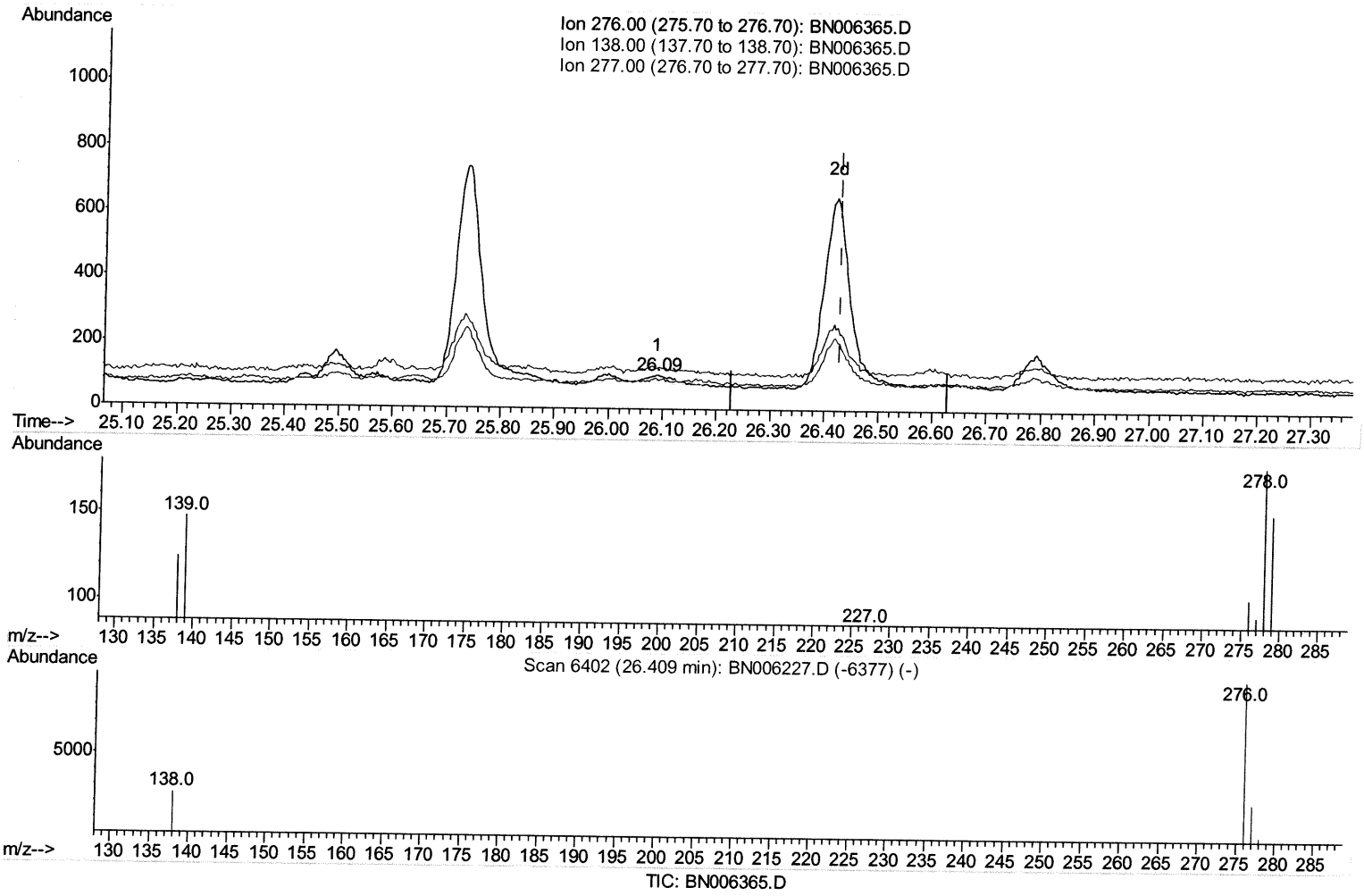
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



(26) Benzo(g,h,i)perylene

26.088min (-0.341) 0.00ng/ul

response 94

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	119.23#
277.00	26.90	90.38#
0.00	0.00	0.00

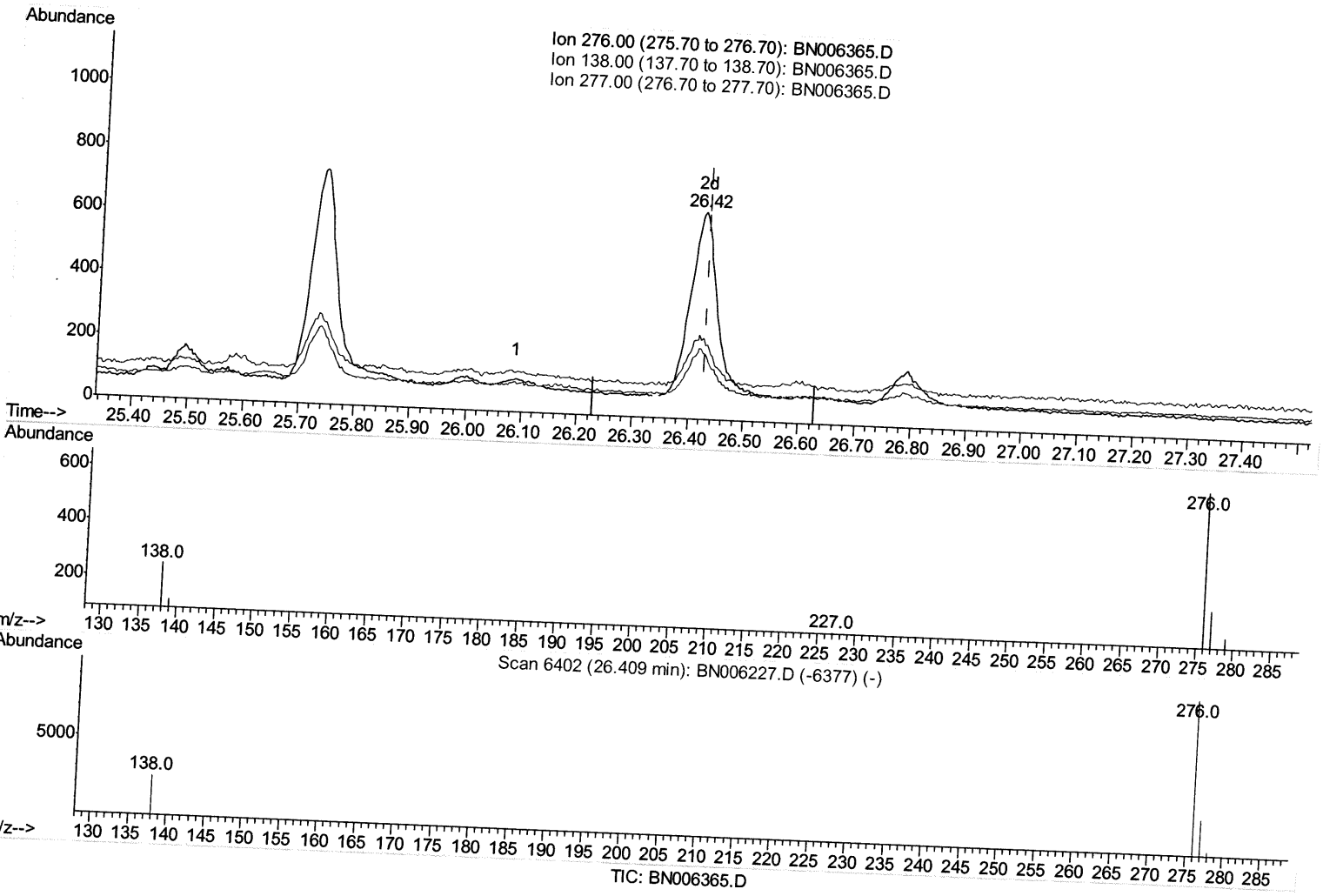
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:40:13 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 :
A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM



(26) Benzo(g,h,i)perylene

26.420min (-0.009) 0.07ng/ul m JU 06/18/19

response 2011

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	37.92#
277.00	26.90	34.10#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006365.D
Acq On : 18 Jun 2019 01:02
Operator : JU/SJ
Sample : K3335-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 18 04:42:36 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 : A41Y1

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3945	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8753	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16492m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9614m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	8148m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3862	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	7901m	0.18	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.09	178	5741	0.108	ng/ul	96
13) Anthracene	17.18	178	1781m	0.035	ng/ul	
15) Fluoranthene	19.11	202	14302m	0.245	ng/ul	
17) Pyrene	19.48	202	13837m	0.273	ng/ul	
18) Benzo(a)anthracene	21.25	228	5165	0.121	ng/ul	96
19) Chrysene	21.30	228	4934	0.124	ng/ul	96
21) Benzo(b)fluoranthene	22.83	252	5028m	0.148	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	1773m	0.054	ng/ul	
23) Benzo(a)pyrene	23.39	252	3853m	0.122	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	2198m	0.064	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	2011m	0.070	ng/ul	

JU 06/18/19

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