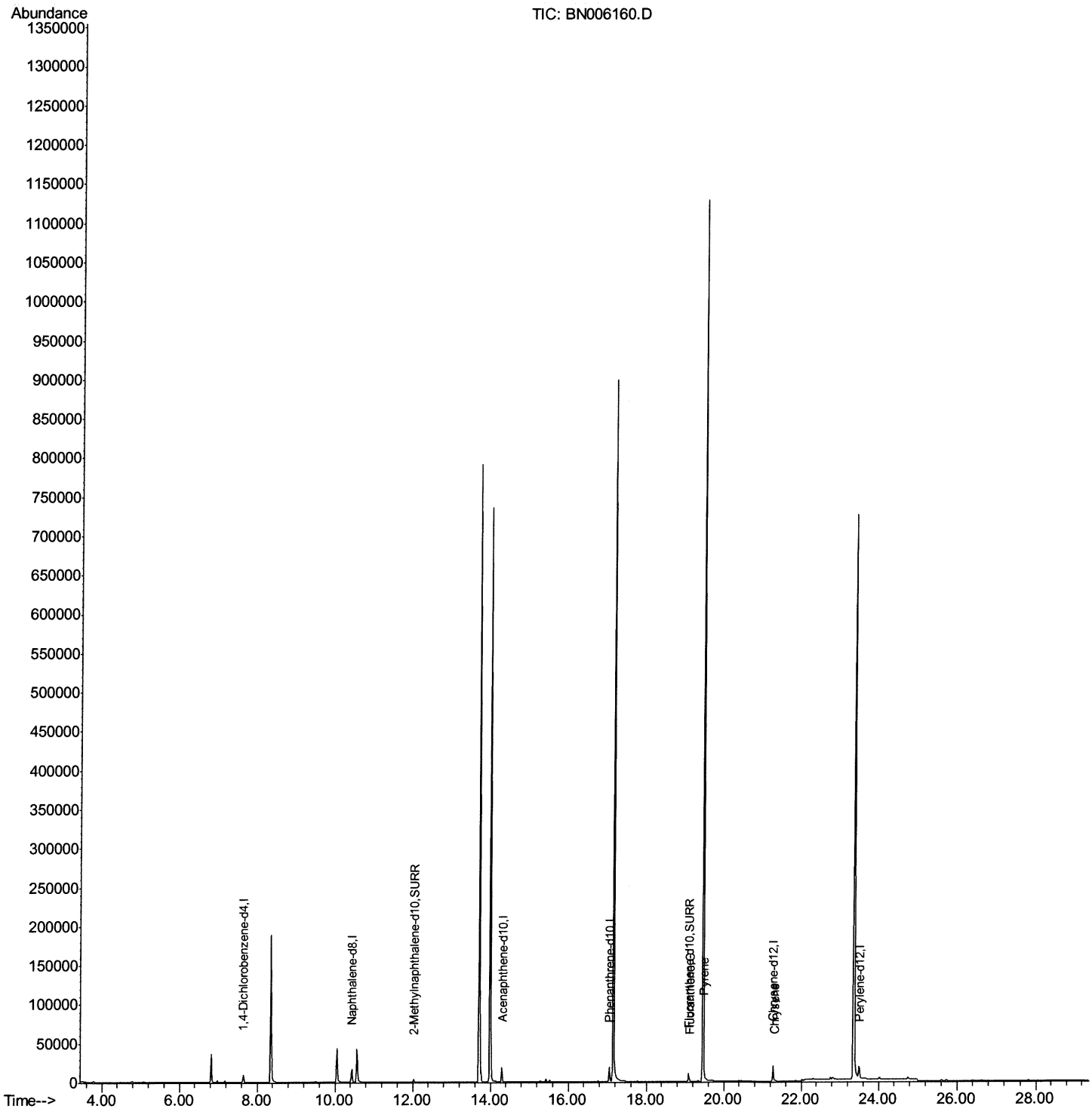
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 07:01:53 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM



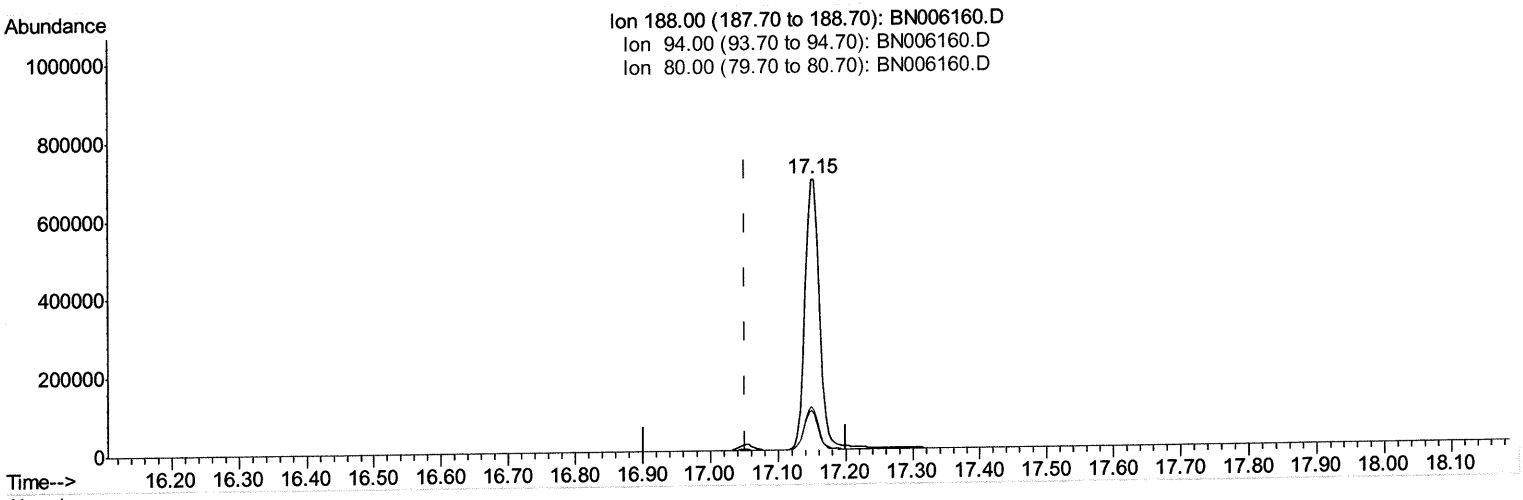
Quantitation Report (Qedit)

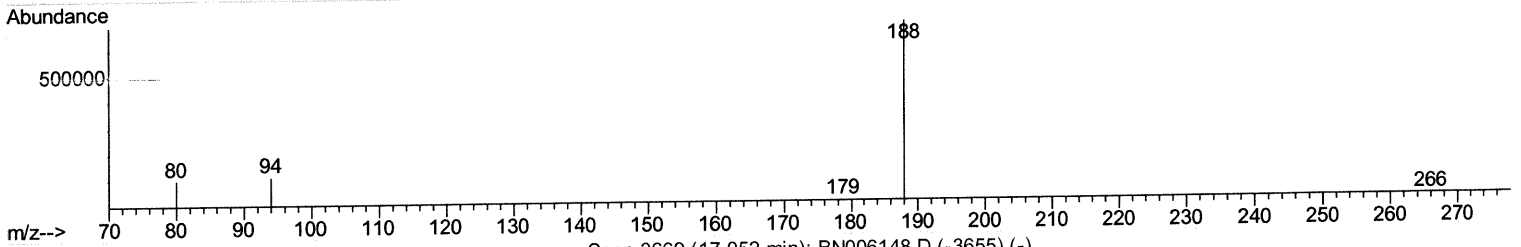
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 06:57:55 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

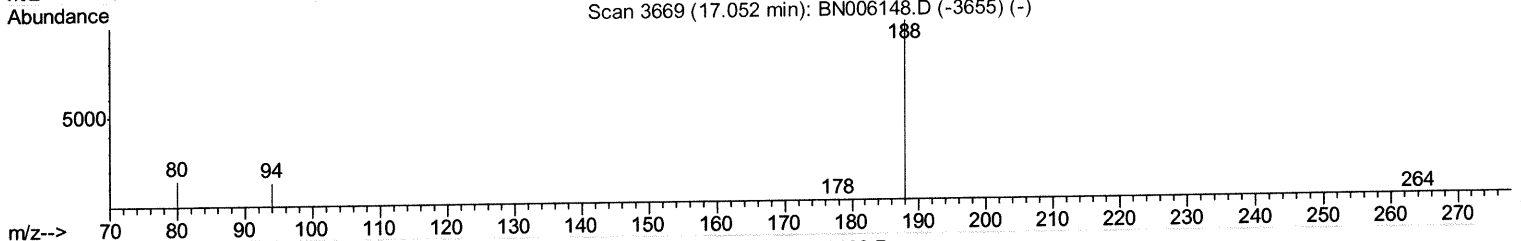
Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM





Scan 3669 (17.052 min): BN006148.D (-3655) (-)



TIC: BN006160.D

(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 1011322

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.87#
80.00	13.60	14.36
0.00	0.00	0.00

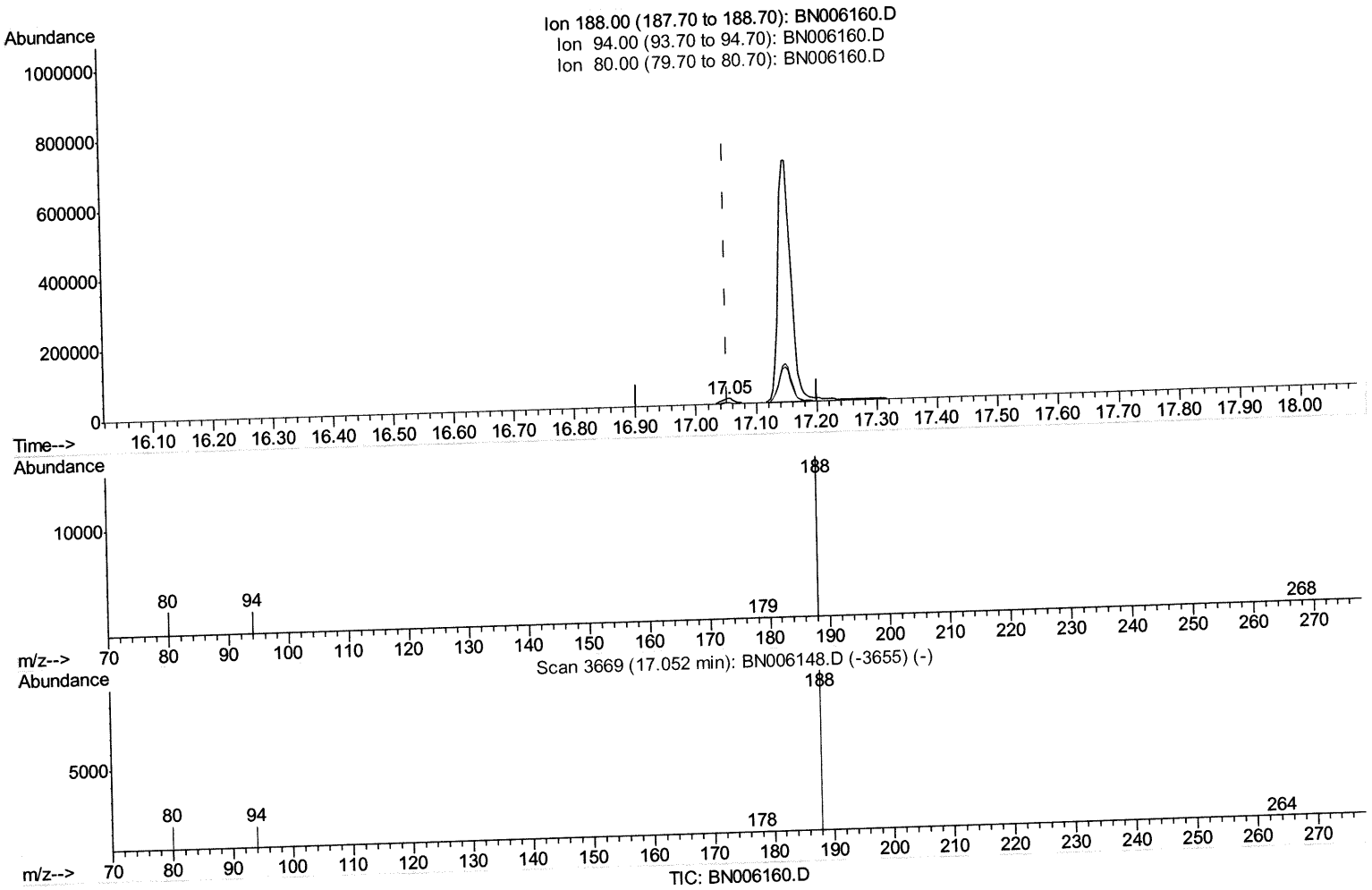
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 06:57:55 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM



(10) Phenanthrene-d10 (I) JU

17.052min (+0.000) 0.40ng/ul m 06/10/19

response 22414

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.16
80.00	13.60	15.14
0.00	0.00	0.00

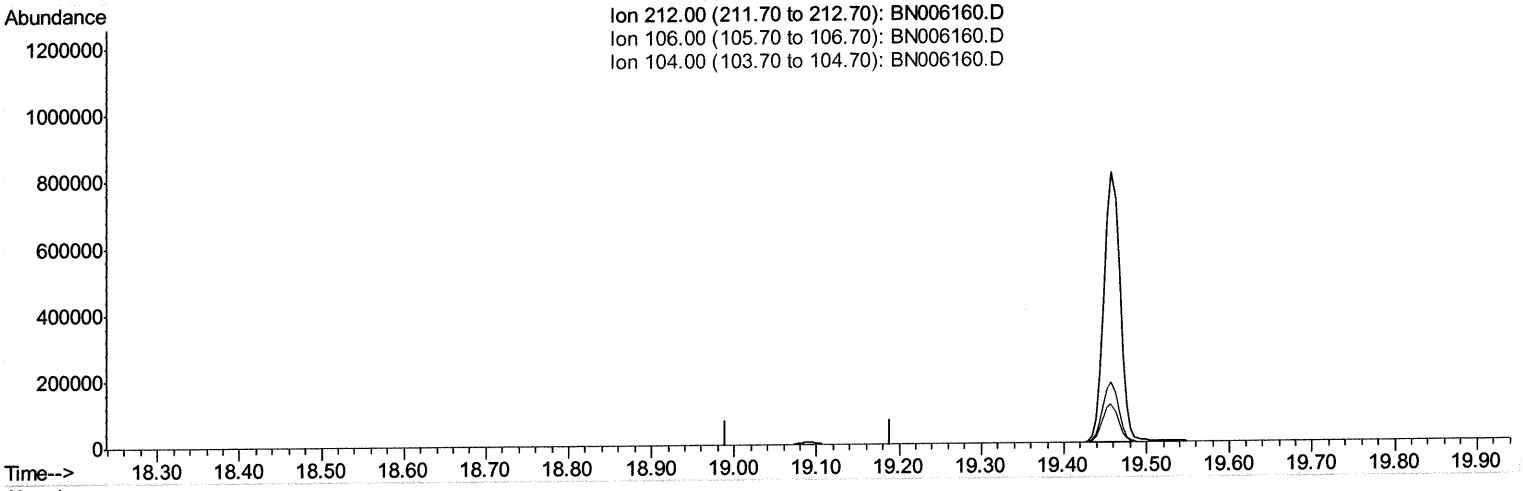
Quantitation Report (Qedit)

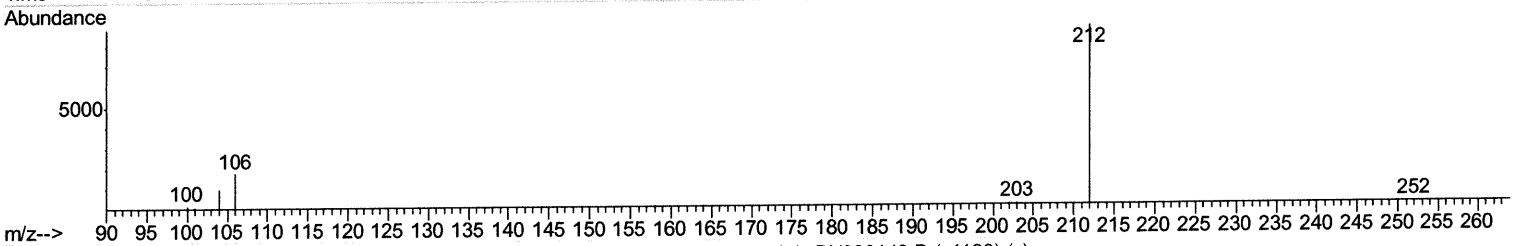
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 06:58:57 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

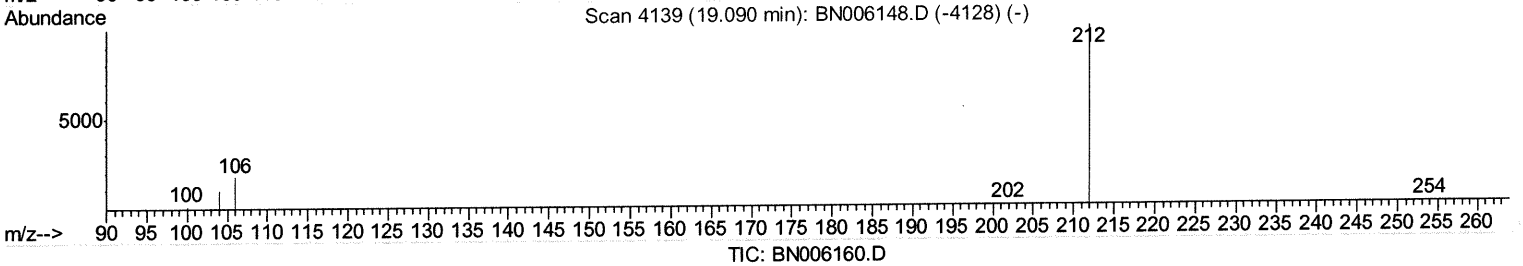
Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM





Scan 4139 (19.090 min): BN006148.D (-4128) (-)



TIC: BN006160.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

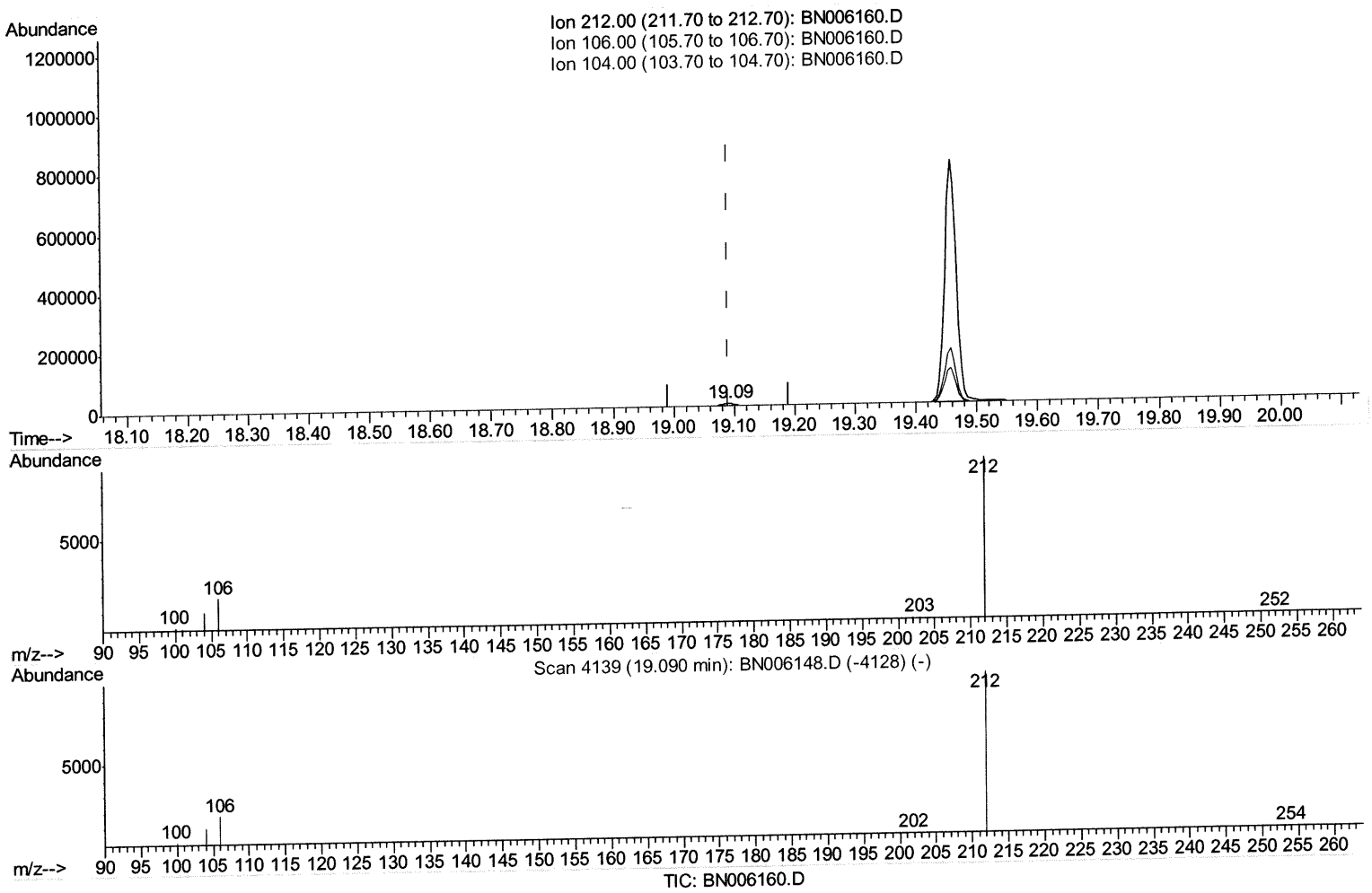
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 06:58:57 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM



TIC: BN006160.D

(14) Fluoranthene-d10 (SURR)

19.090min (+0.000) 0.21ng/ul m JU 06/10/19

response 12671

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

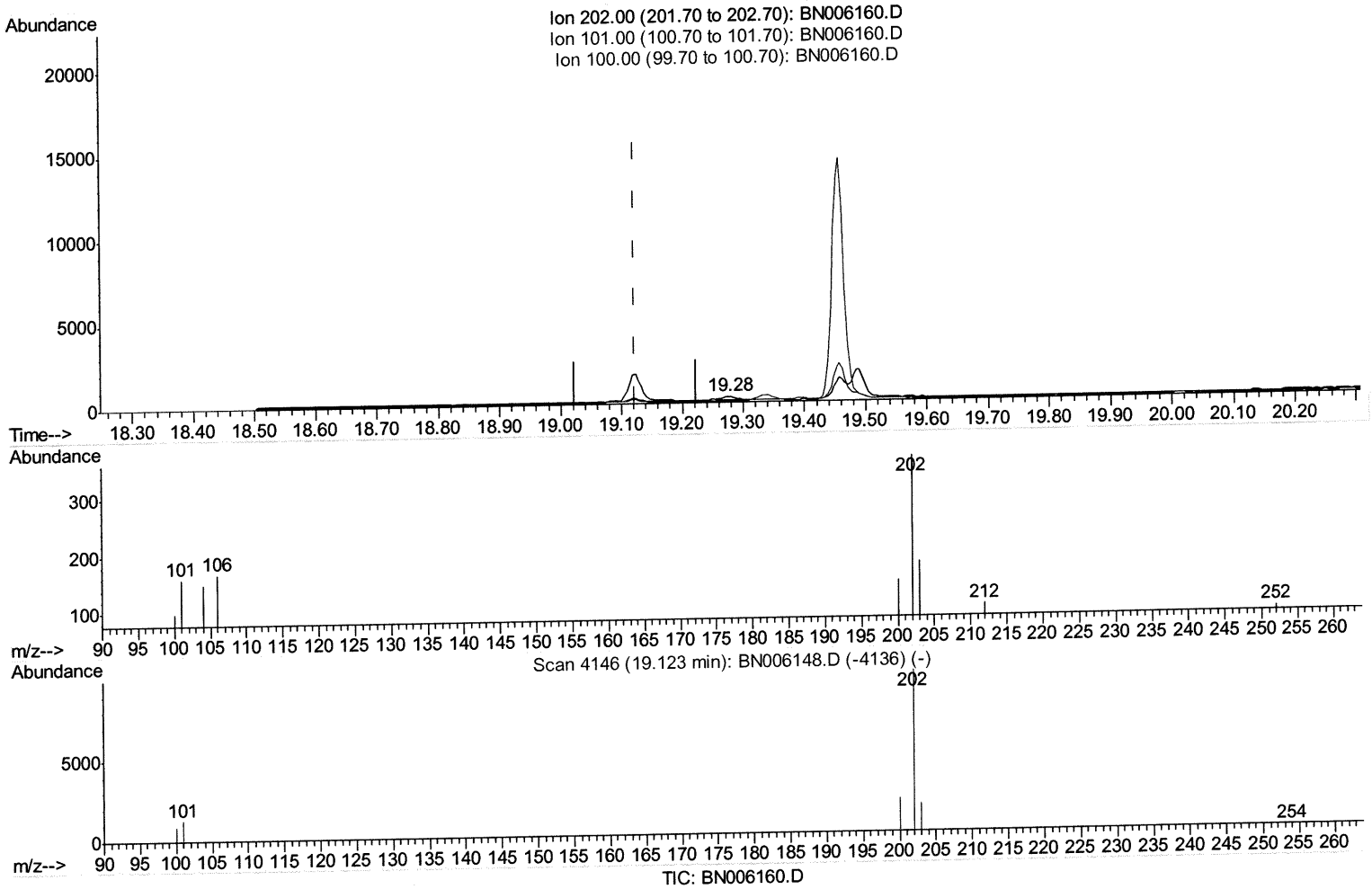
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 06:59:45 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM



TIC: BN006160.D

(15) Fluoranthene (C)

19.276min (+0.153) 0.00ng/ul

response 305

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	44.04#
100.00	8.70	27.42
0.00	0.00	0.00

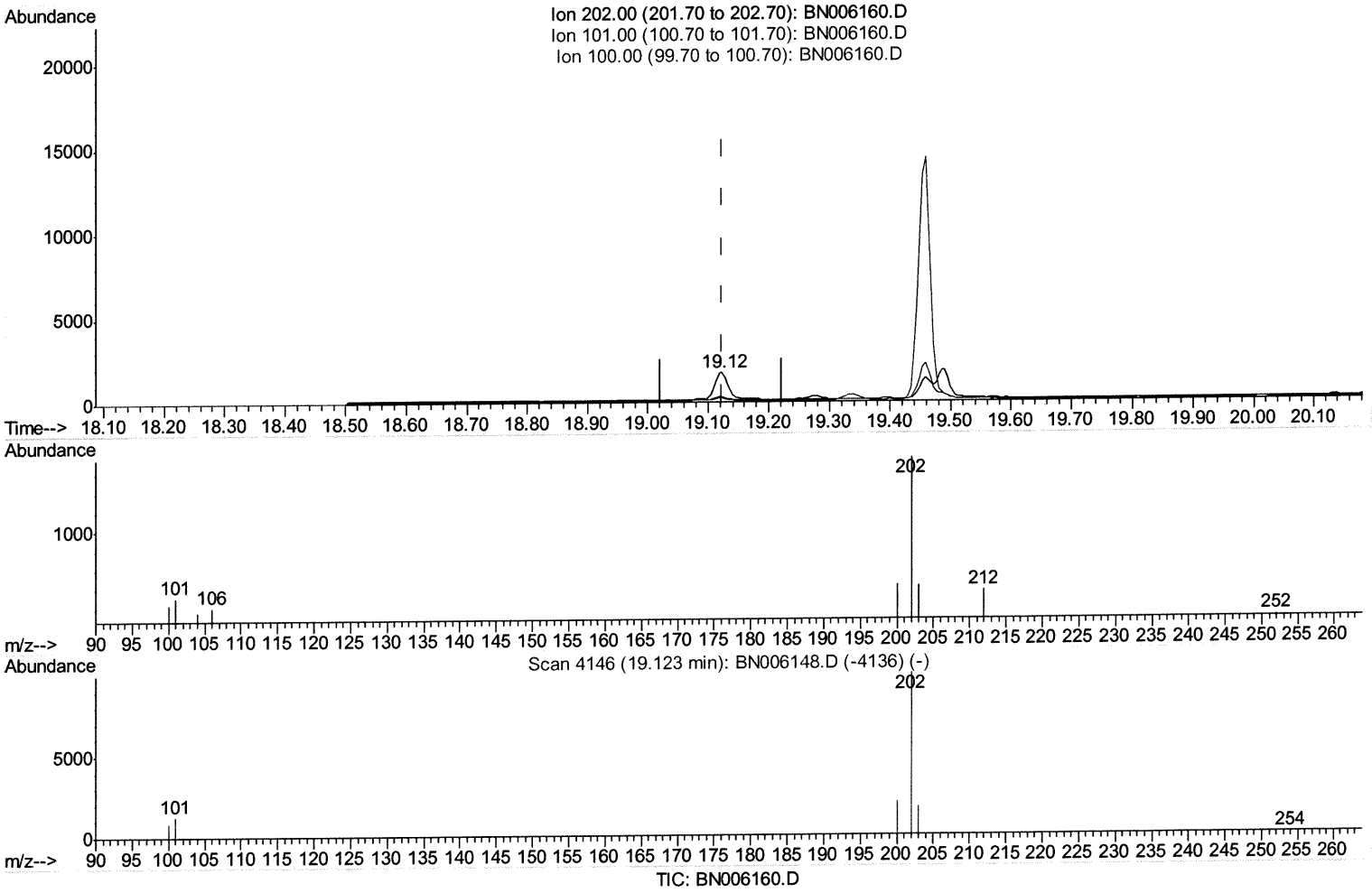
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 06:59:45 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM



(15) Fluoranthene (C)

19.123min (+0.000) 0.03ng/ul m JU 06/10/19

response 2509

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	17.84
100.00	8.70	13.57
0.00	0.00	0.00

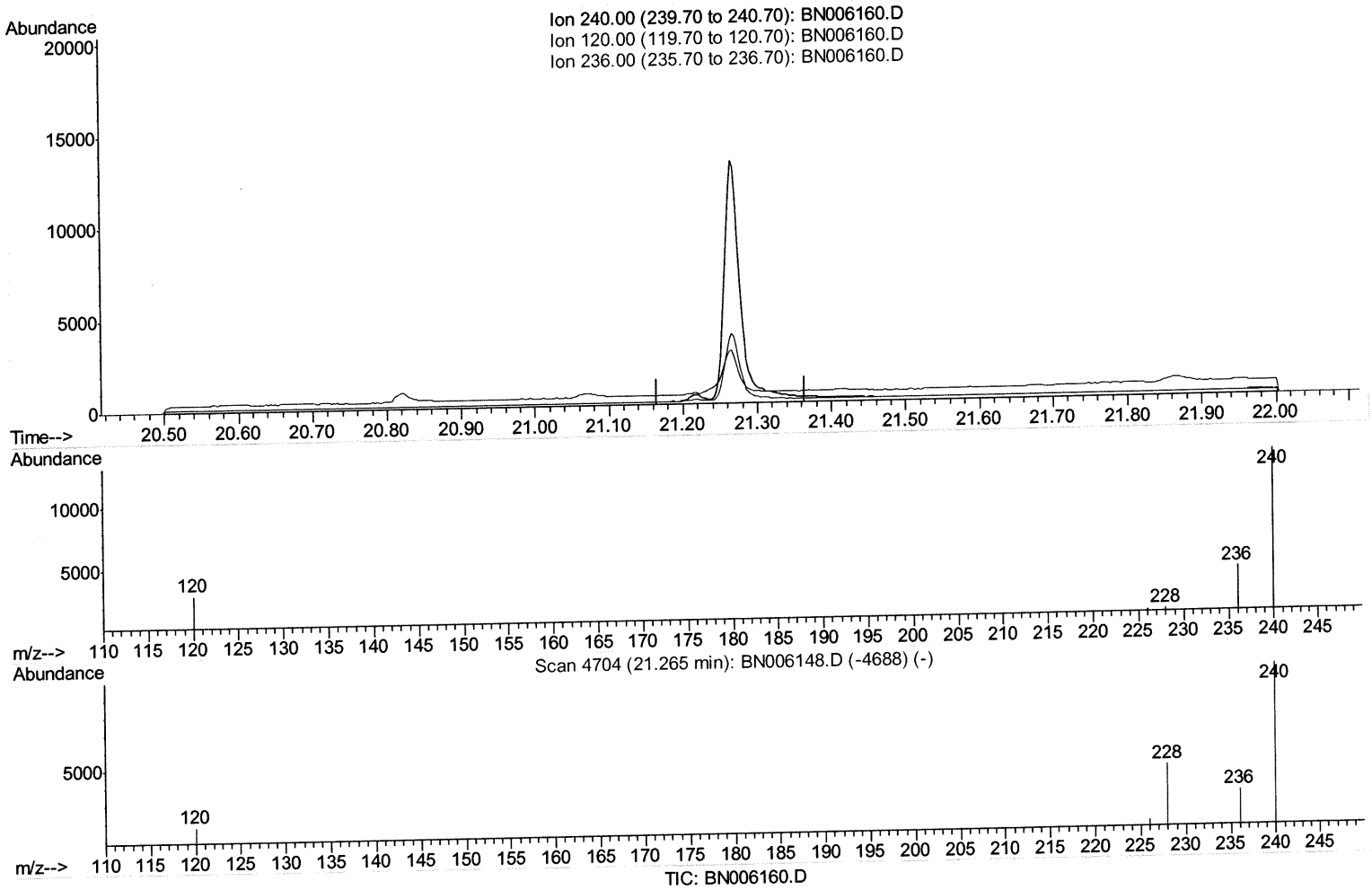
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 06:59:45 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM



Scan 4704 (21.265 min): BN006148.D (-4688) (-)

TIC: BN006160.D

(16) Chrysene-d12 (I)

21.265min (-21.265) 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

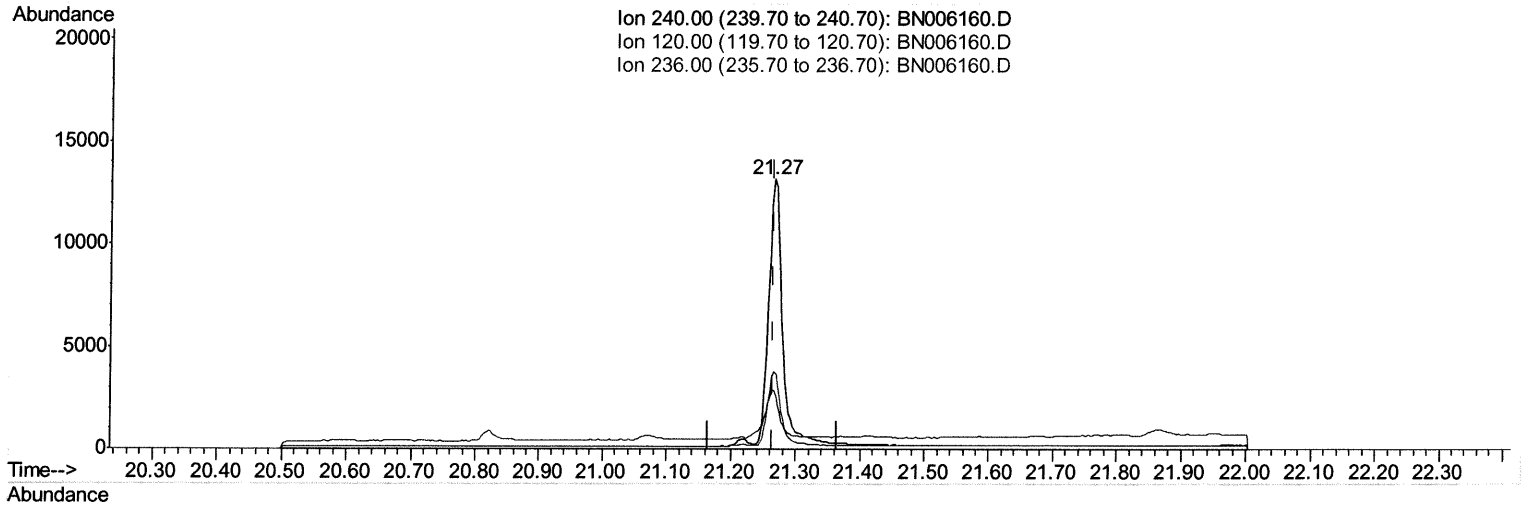
Quantitation Report (Qedit)

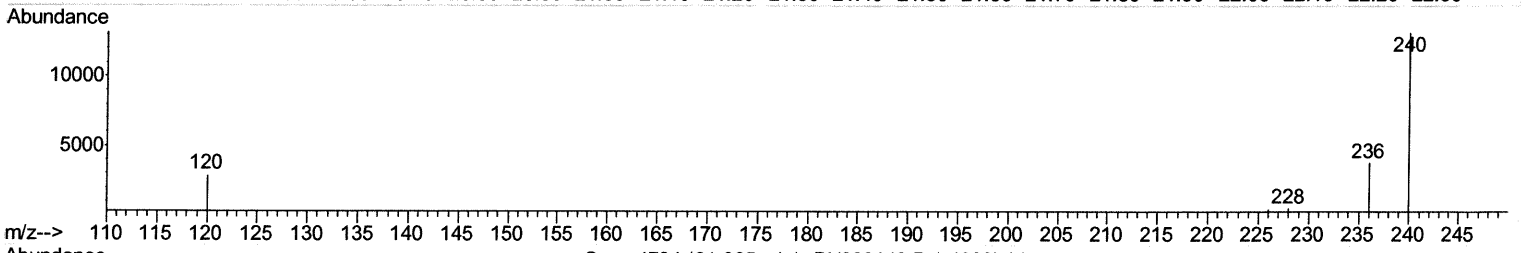
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

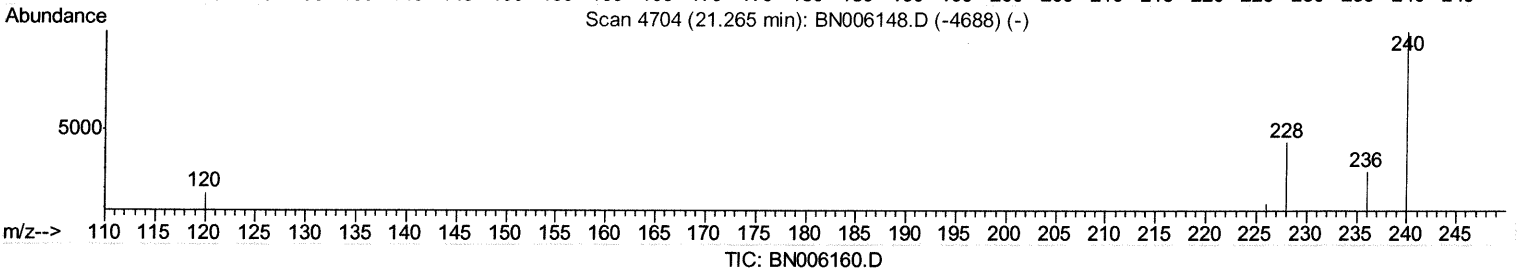
Quant Time: Jun 07 06:59:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM







TIC: BN006160.D

(16) Chrysene-d12 (I)

21.265min (+0.000) 0.40ng/ul m JU 06/10/19

response 19315

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	21.69
236.00	30.10	28.87
0.00	0.00	0.00

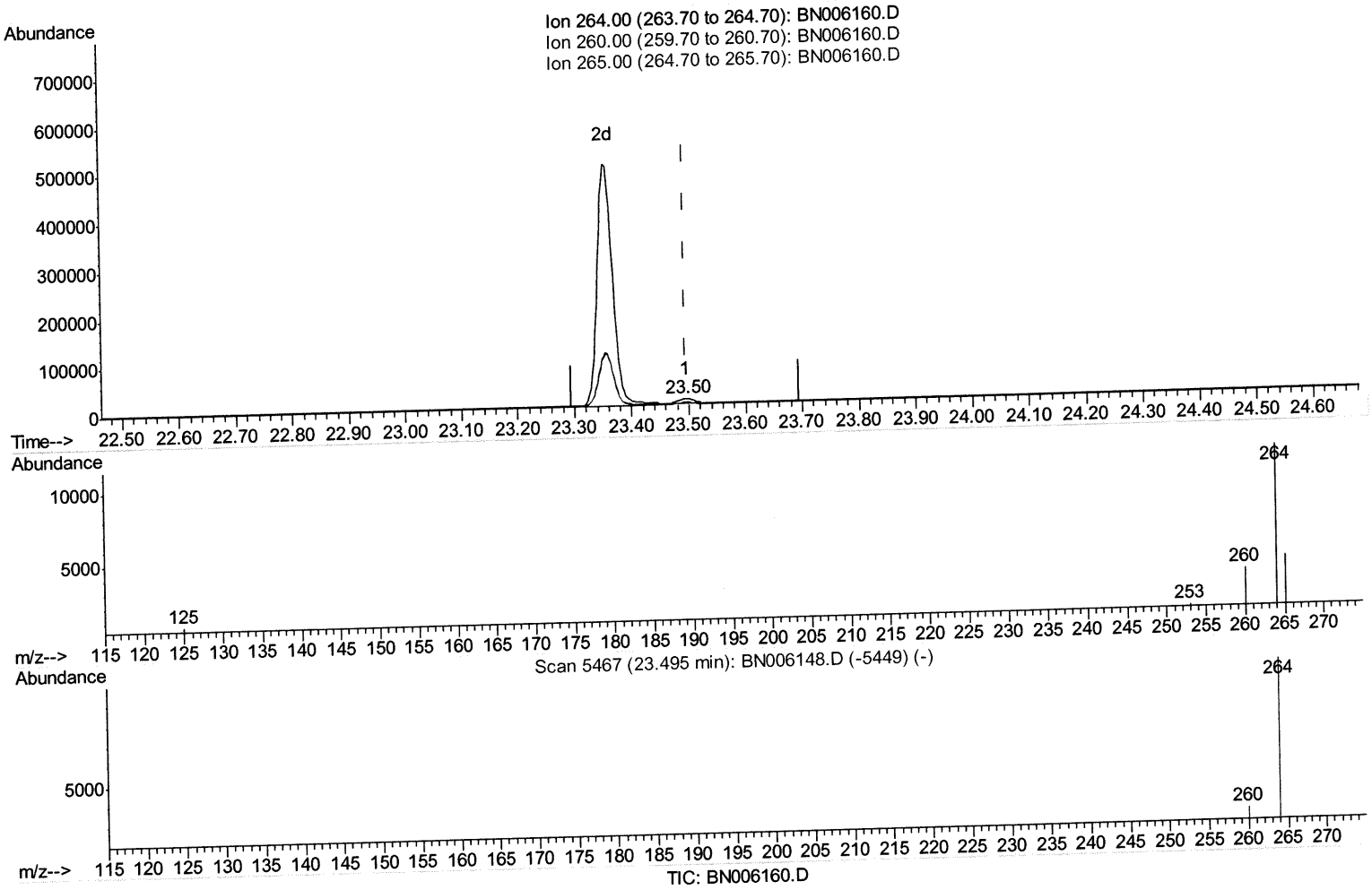
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 07:00:43 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM



(20) Perylene-d12 (I)

23.495min (+0.000) 0.40ng/ul

response 29379

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.13
265.00	44.70	33.56#
0.00	0.00	0.00

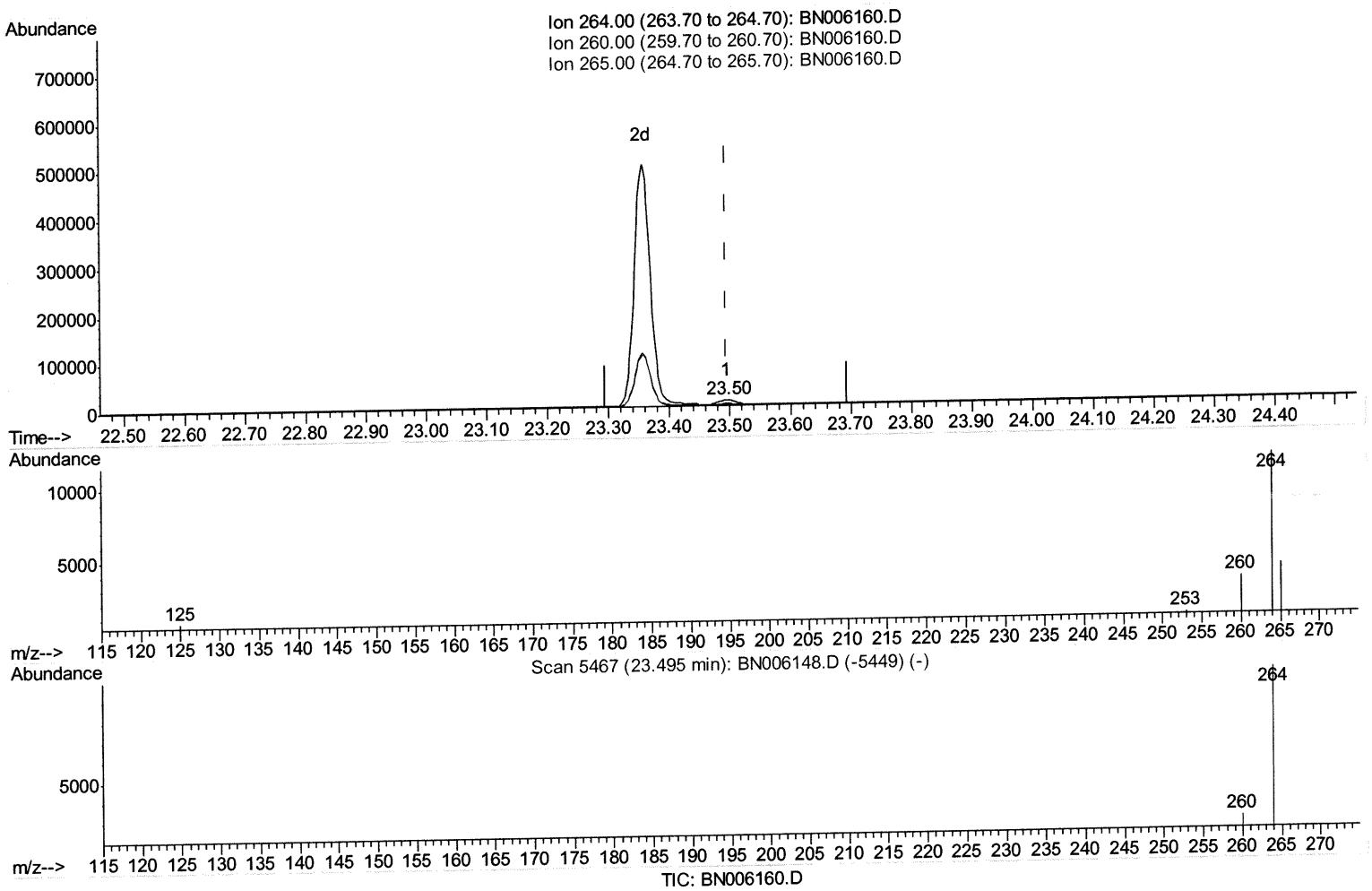
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 07:00:43 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM



Scan 5467 (23.495 min): BN006148.D (-5449) (-)

TIC: BN006160.D

(20) Perylene-d12 (I)

23.495min (+0.000) 0.40ng/ul m JU 06/10/19

response 16782

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.13
265.00	44.70	33.56#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006160.D
Acq On : 07 Jun 2019 06:23
Operator : JU/SJ
Sample : K3016-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 07 07:01:53 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A51D6

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21467	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10996	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	22414m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	19315m>	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	16782m>	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5409	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12671m>	0.21	ng/ul	0.00
Target Compounds						Qvalue
15) Fluoranthene	19.12	202	2509m>	0.032	ng/ul	
17) Pyrene	19.49	202	2568	0.025	ng/ul#	81
19) Chrysene	21.30	228	1943	0.024	ng/ul#	77

JU 06/10/19

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