Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

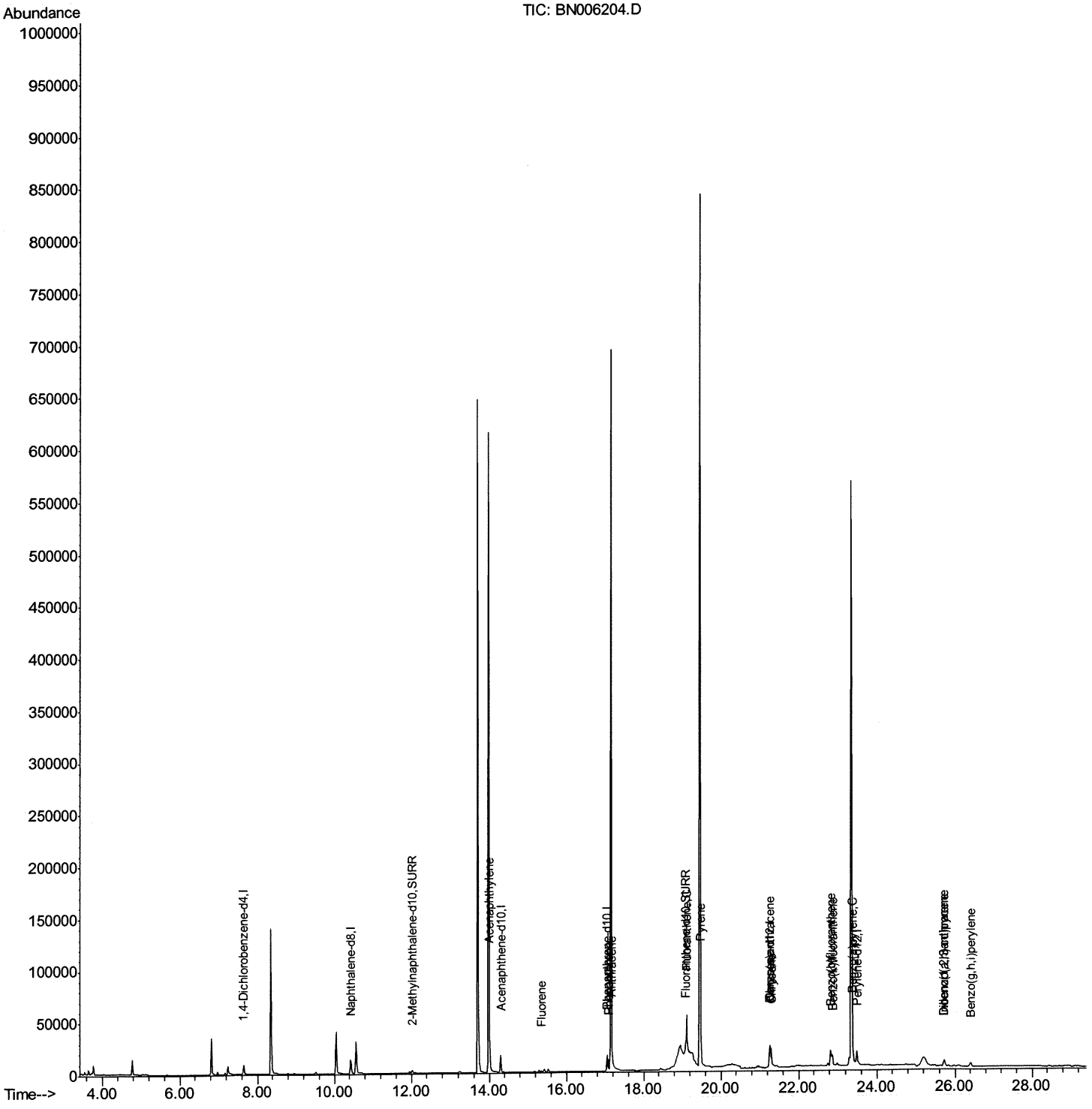
Quantitation Report (QT Reviewed)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 06:01:54 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

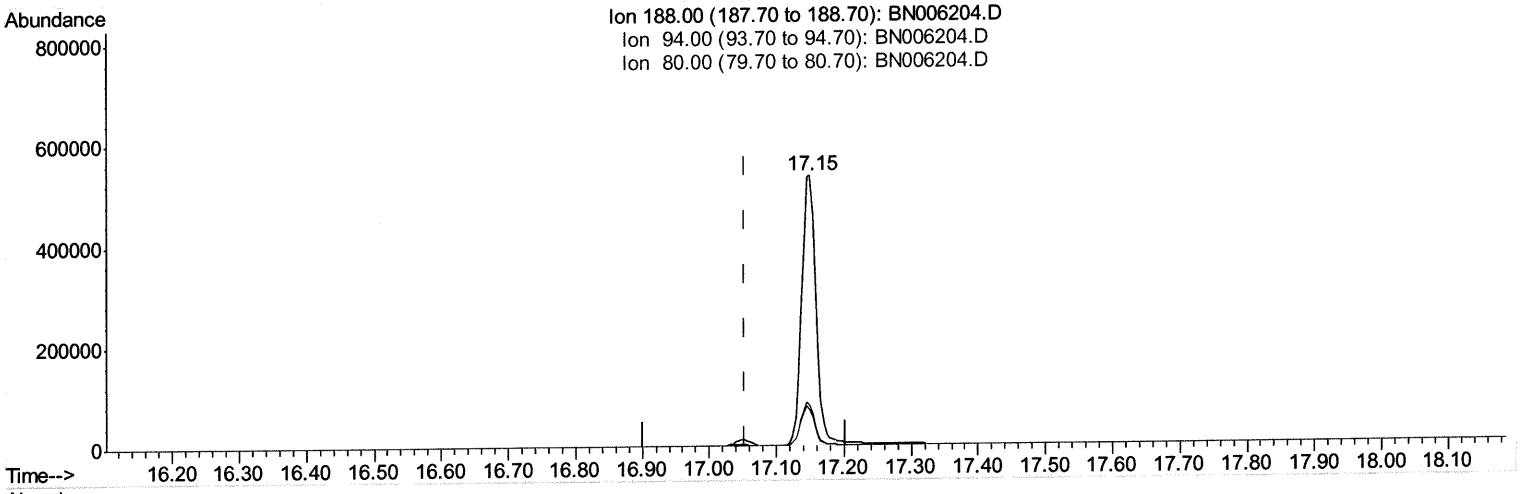
Quantitation Report (Qedit)

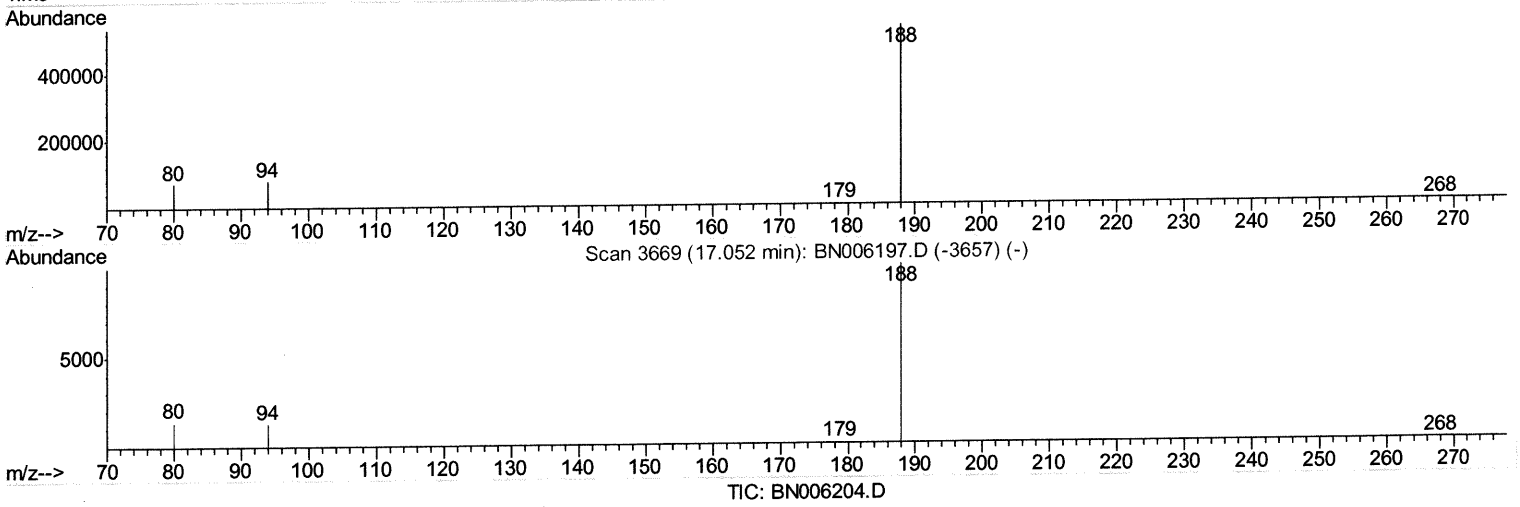
Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:15:40 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM





(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 780813

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.87
80.00	13.60	13.42
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

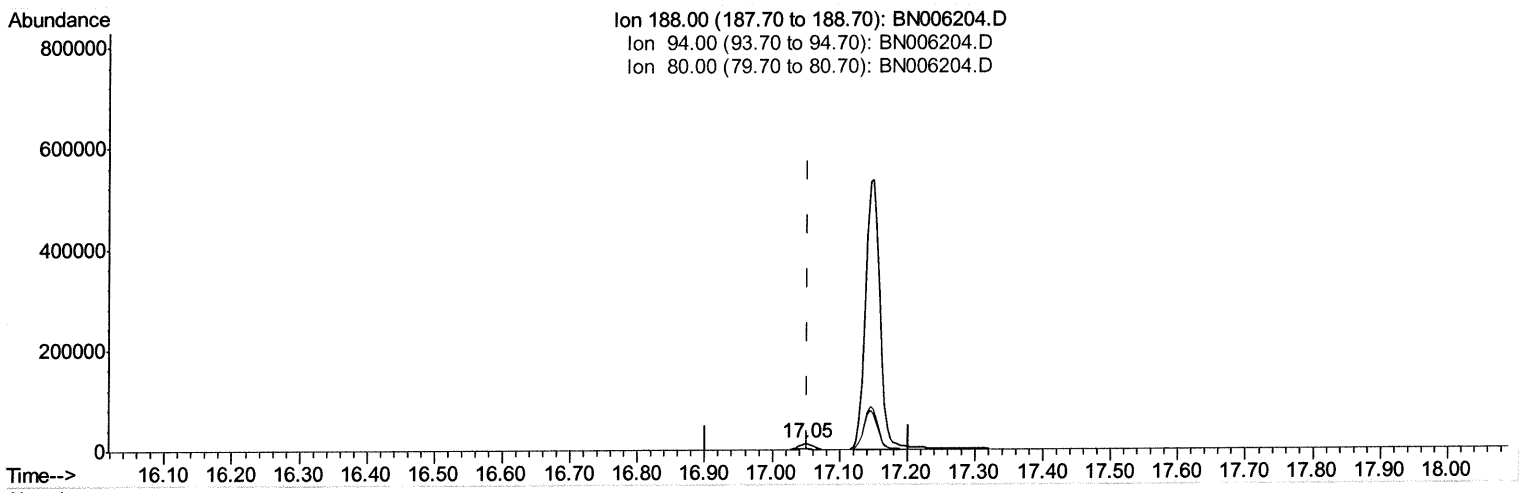
Quantitation Report (Qedit)

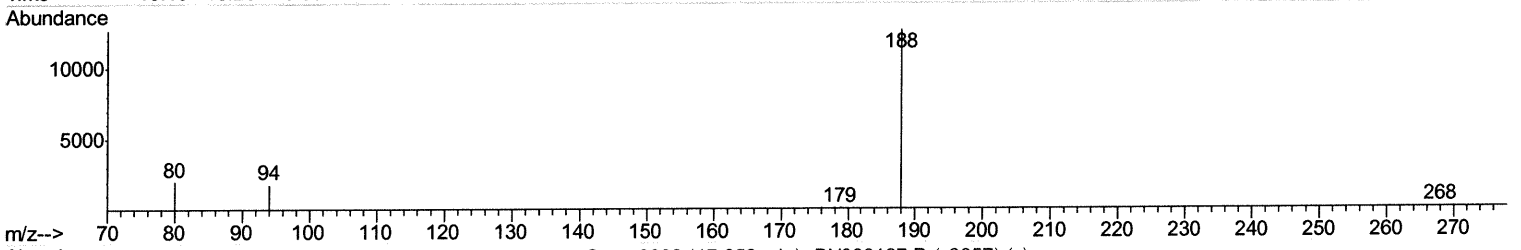
Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

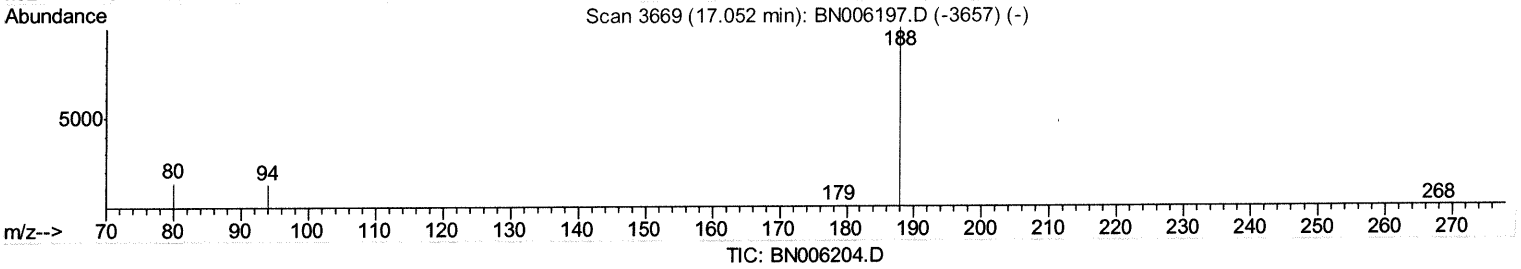
Quant Time: Jun 09 05:15:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM







(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m JU 06/10/19

response 18943

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.29
80.00	13.60	16.07
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

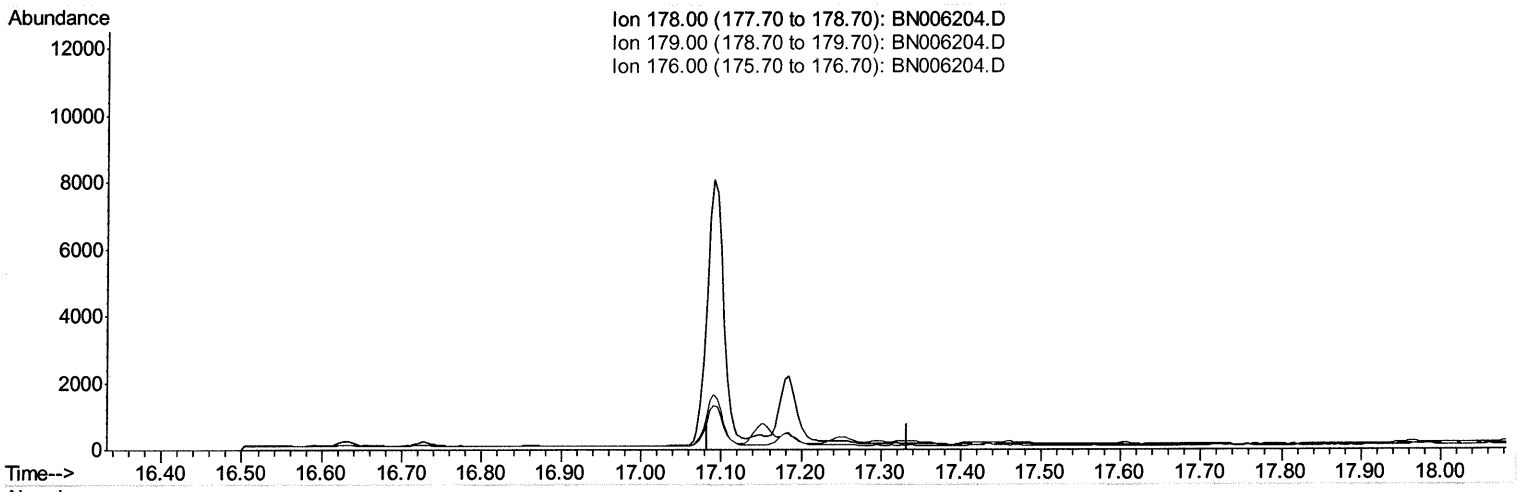
Quantitation Report (Qedit)

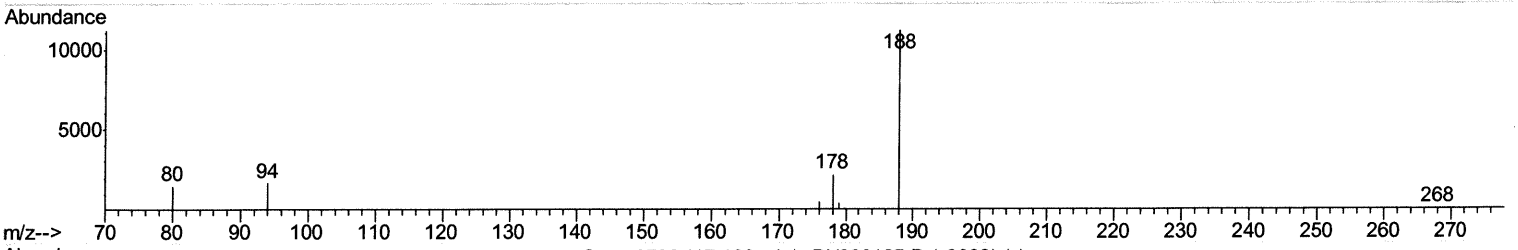
Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

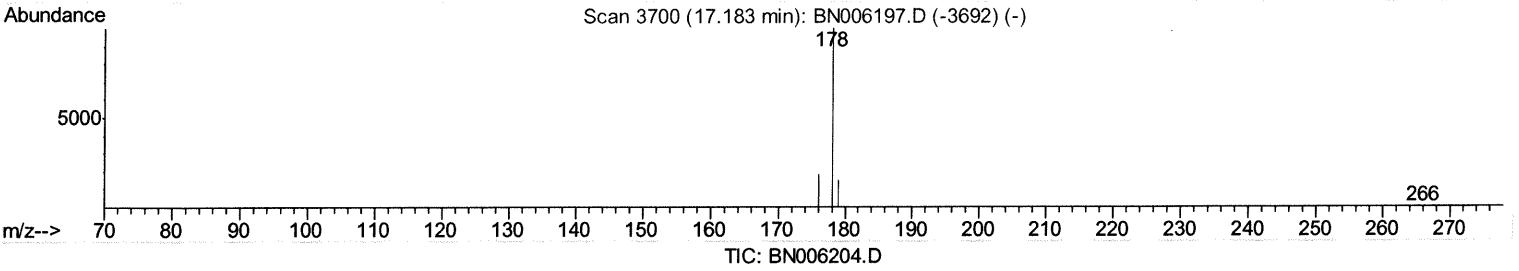
Quant Time: Jun 09 05:58:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM







(13) Anthracene

17.183min (-17.183) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

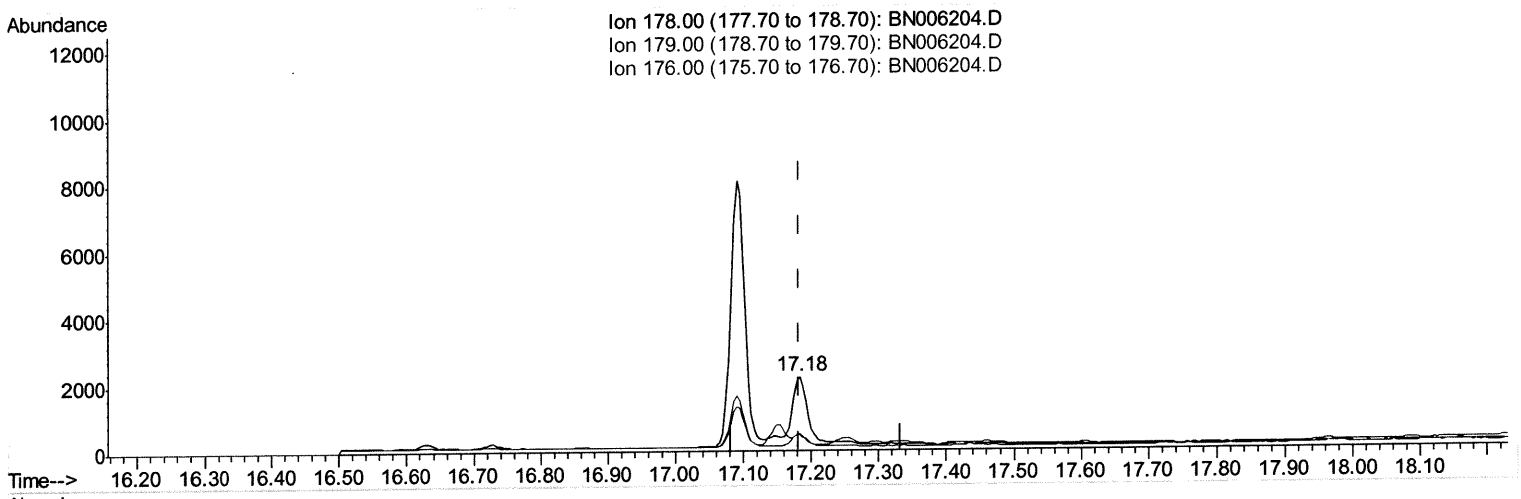
Quantitation Report (Qedit)

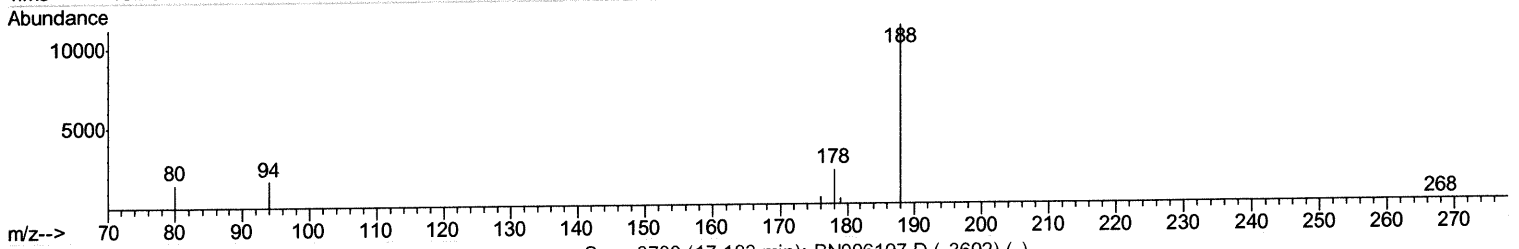
Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:58:19 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

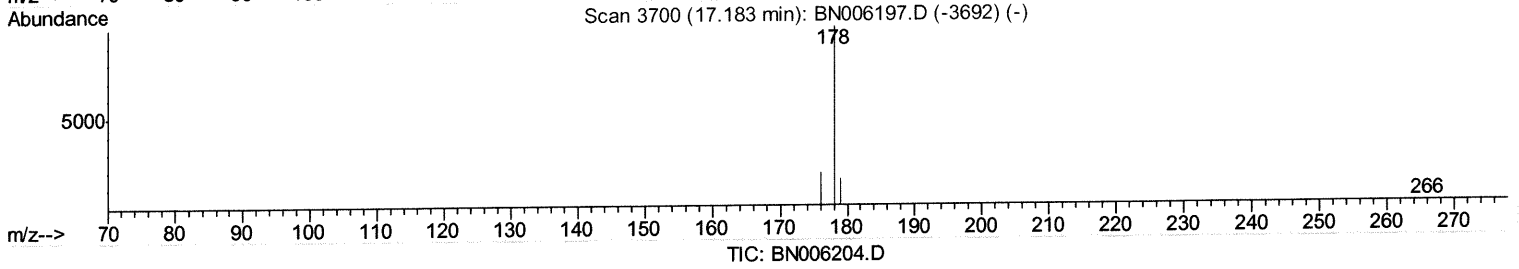
Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM





Scan 3700 (17.183 min): BN006197.D (-3692) (-)



TIC: BN006204.D

(13) Anthracene

17.183min (0.000) 0.06ng/ul m JU 06/10/19

response 3240

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	21.38#
176.00	18.90	22.73#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

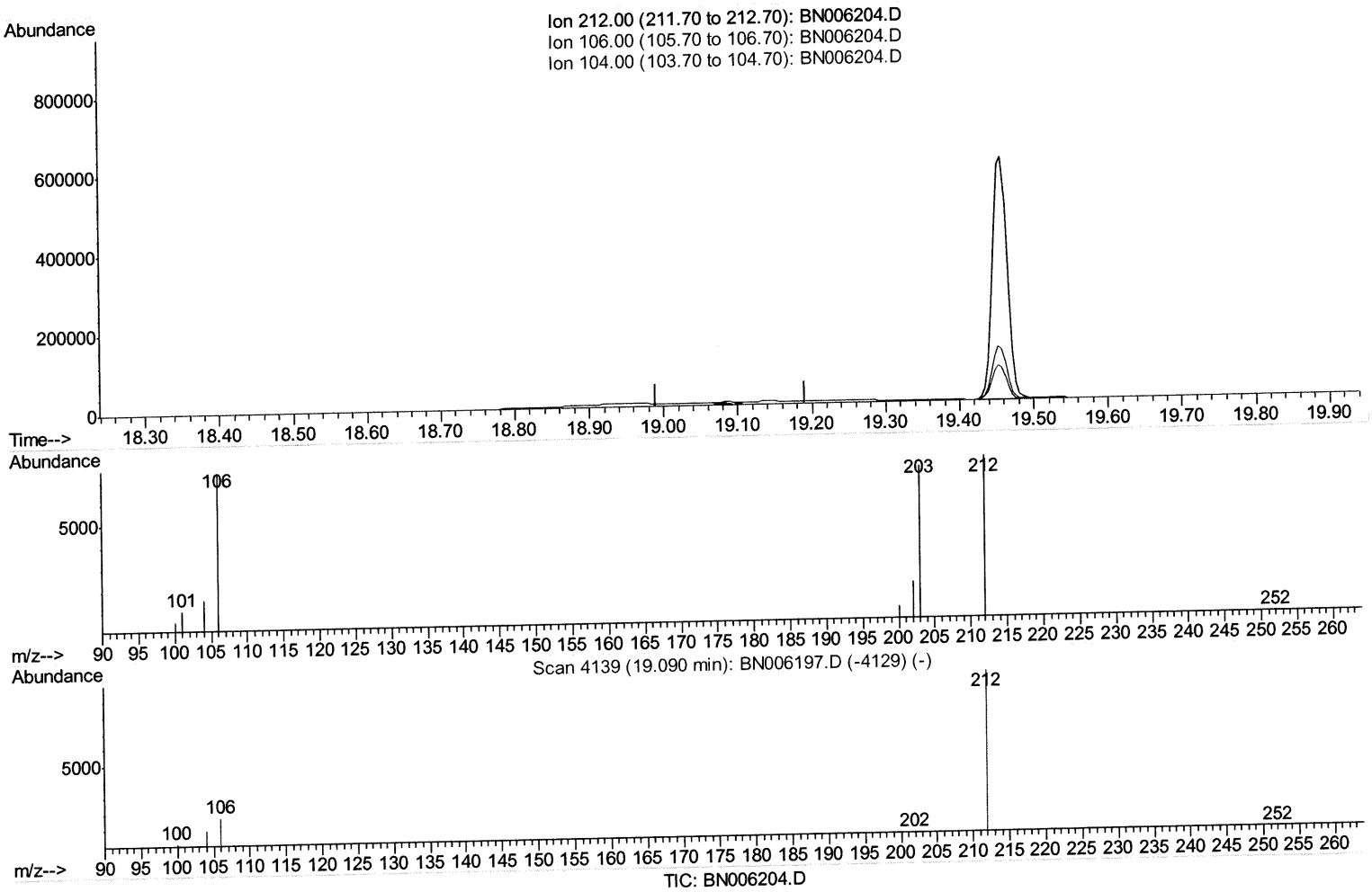
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:58:19 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



(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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

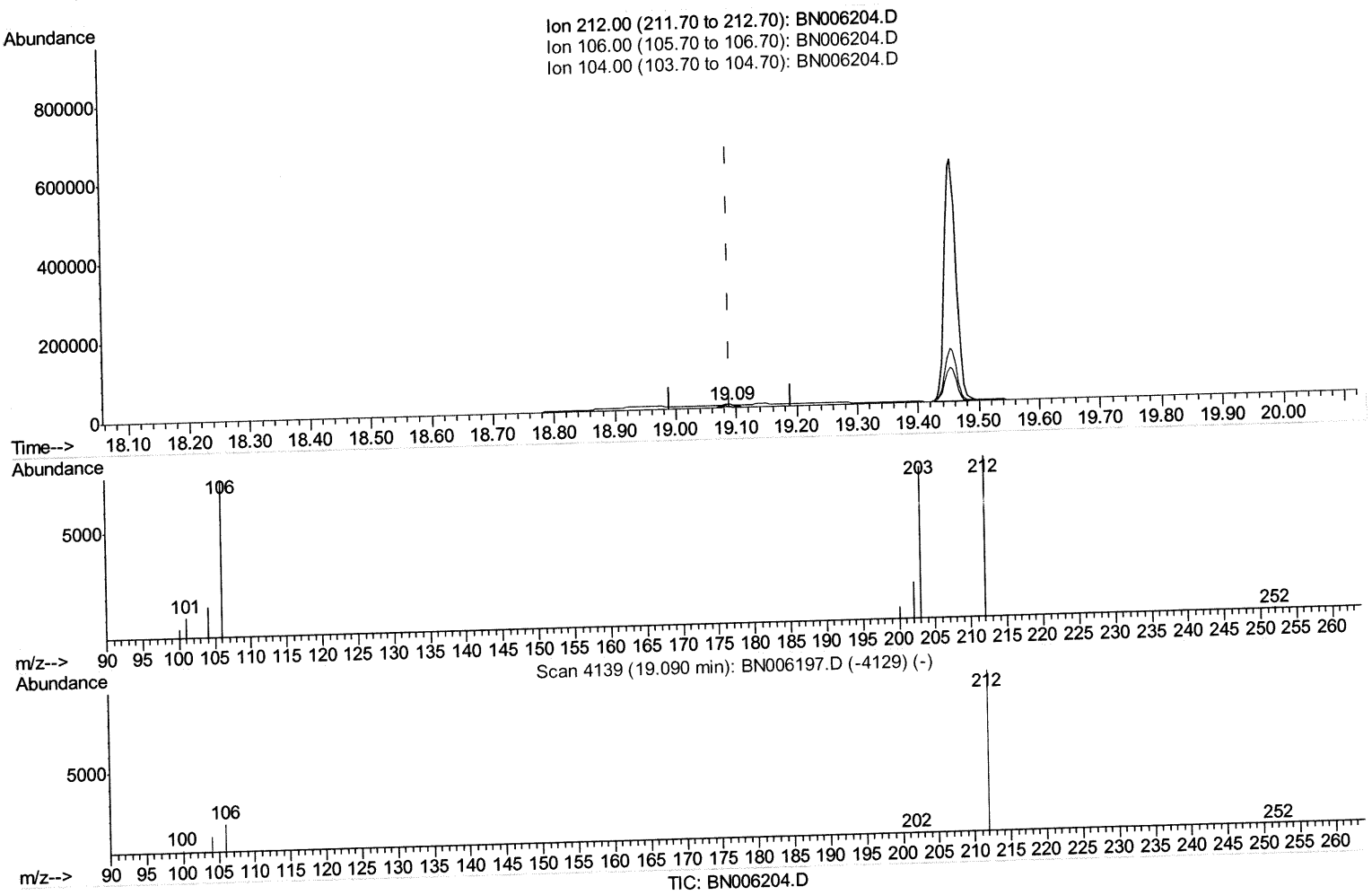
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:58:19 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



(14) Fluoranthene-d10 (SURR)

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

response 10436

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

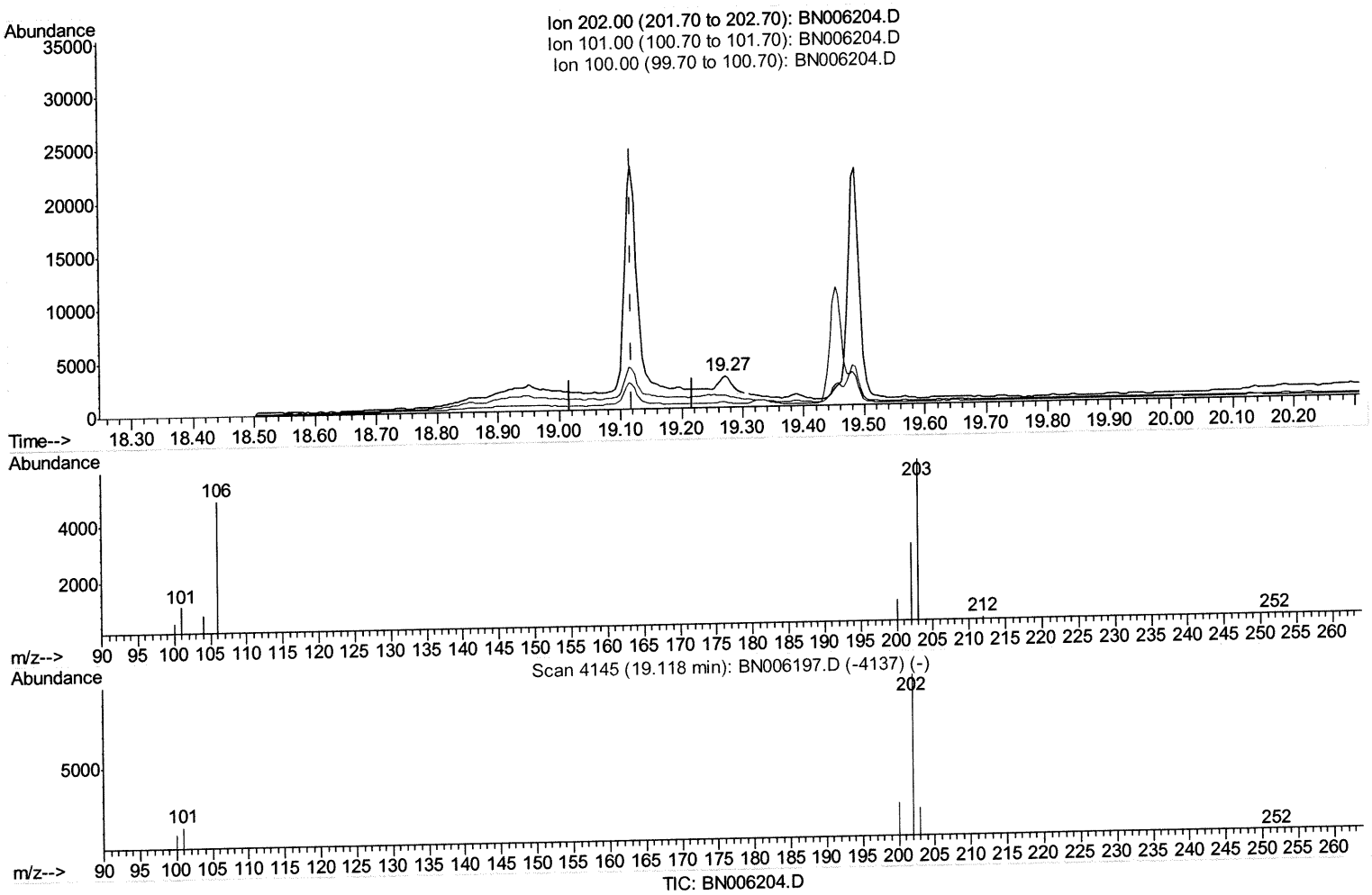
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:58:19 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



TIC: BN006204.D

(15) Fluoranthene (C)

19.271min (+0.153) 0.04ng/ul

response 2602

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	37.11#
100.00	8.70	17.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

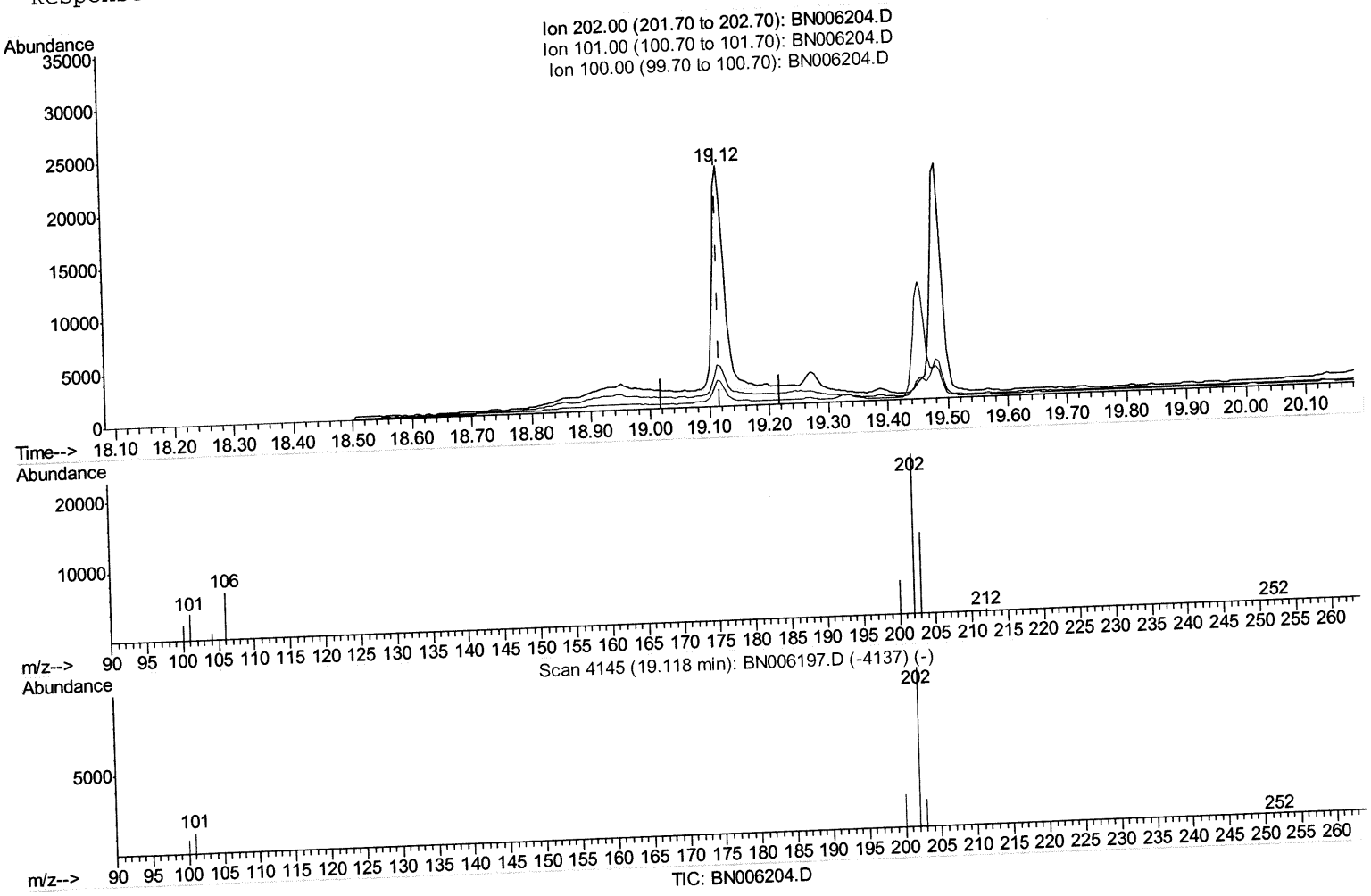
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:58:19 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



(15) Fluoranthene (C)

19.118min (0.000) 0.45ng/ul m JU 06/10/19

response 30317

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	16.95
100.00	8.70	10.54
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

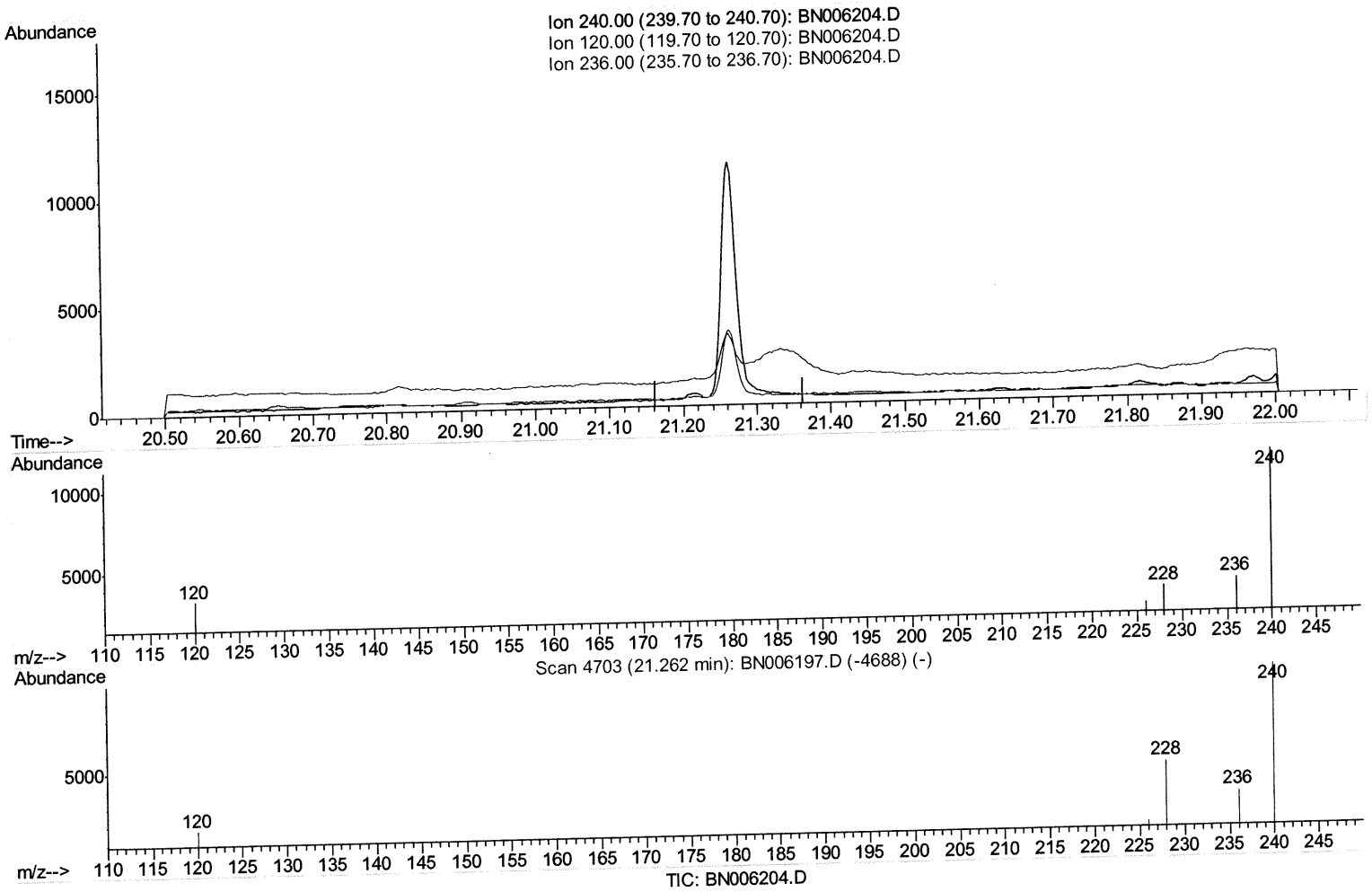
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:58:19 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



(16) Chrysene-d12 (I)

21.262min (-21.262) 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

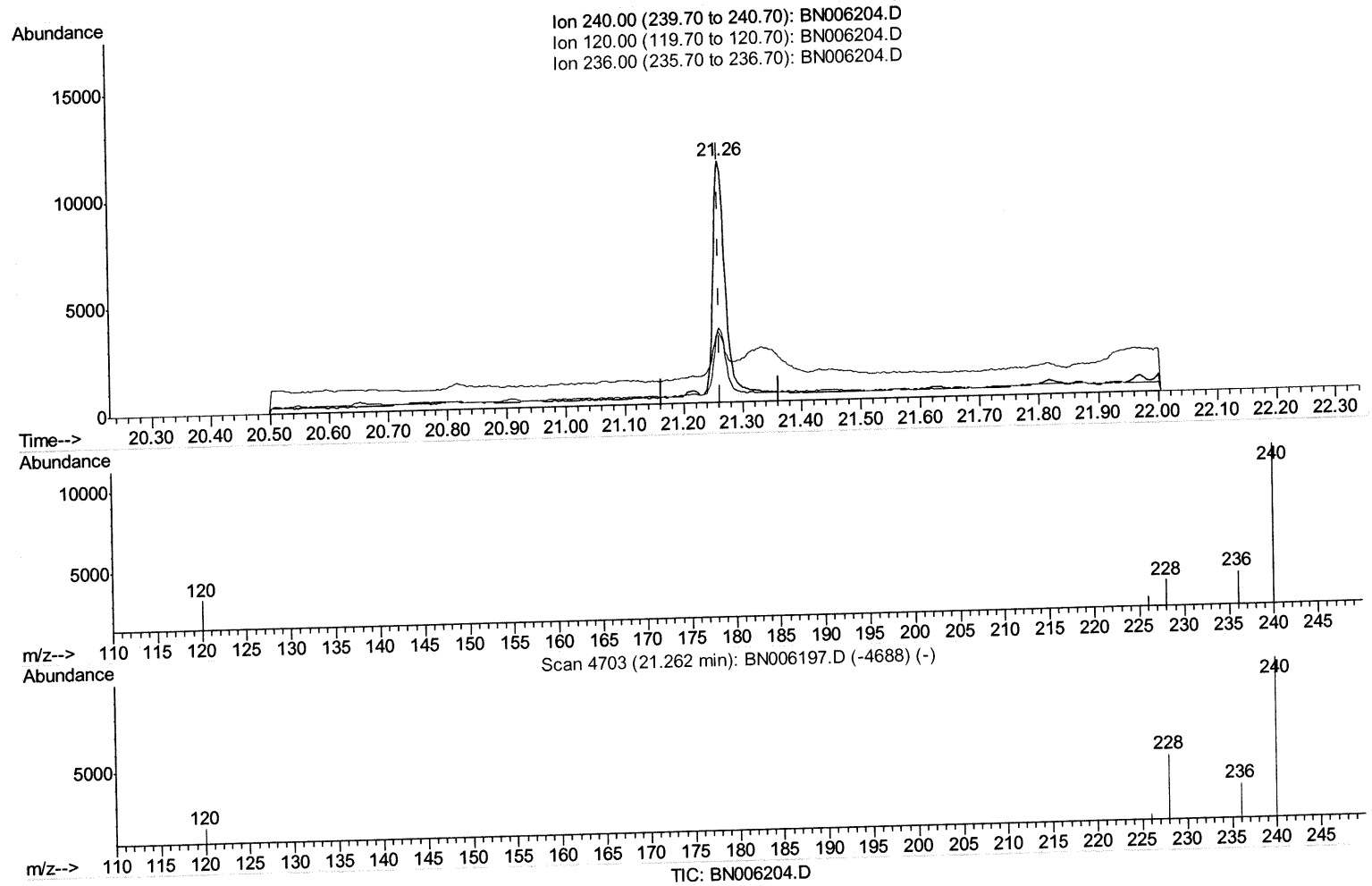
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:58:19 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



(16) Chrysene-d12 (I)

21.262min (0.000) 0.40ng/ul m JU 06/10/19

response 15653

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	28.63#
236.00	30.10	30.85
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

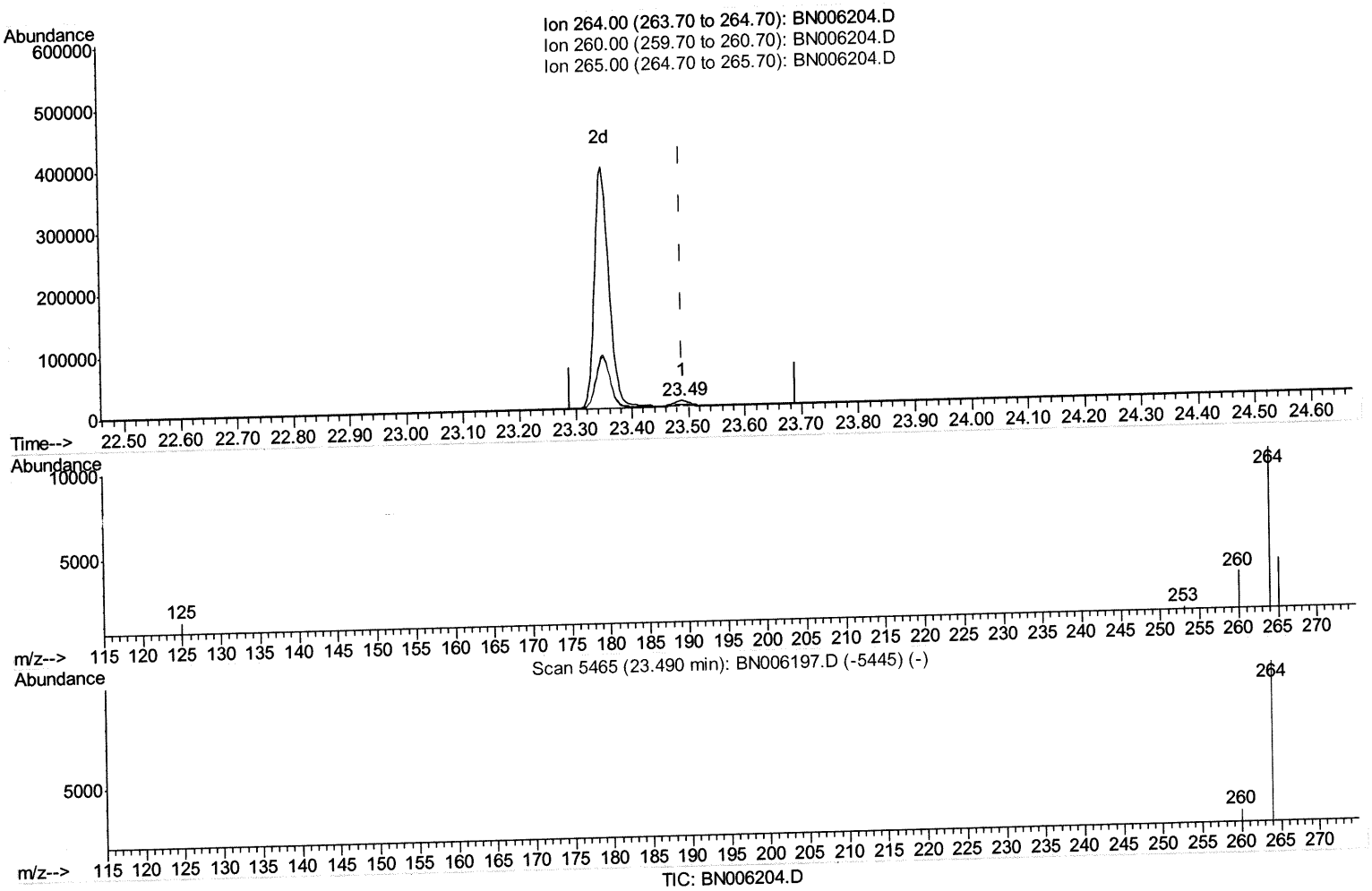
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:59:56 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



(20) Perylene-d12 (I)

23.490min (-0.000) 0.40ng/ul

response 23292

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.65
265.00	44.70	34.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

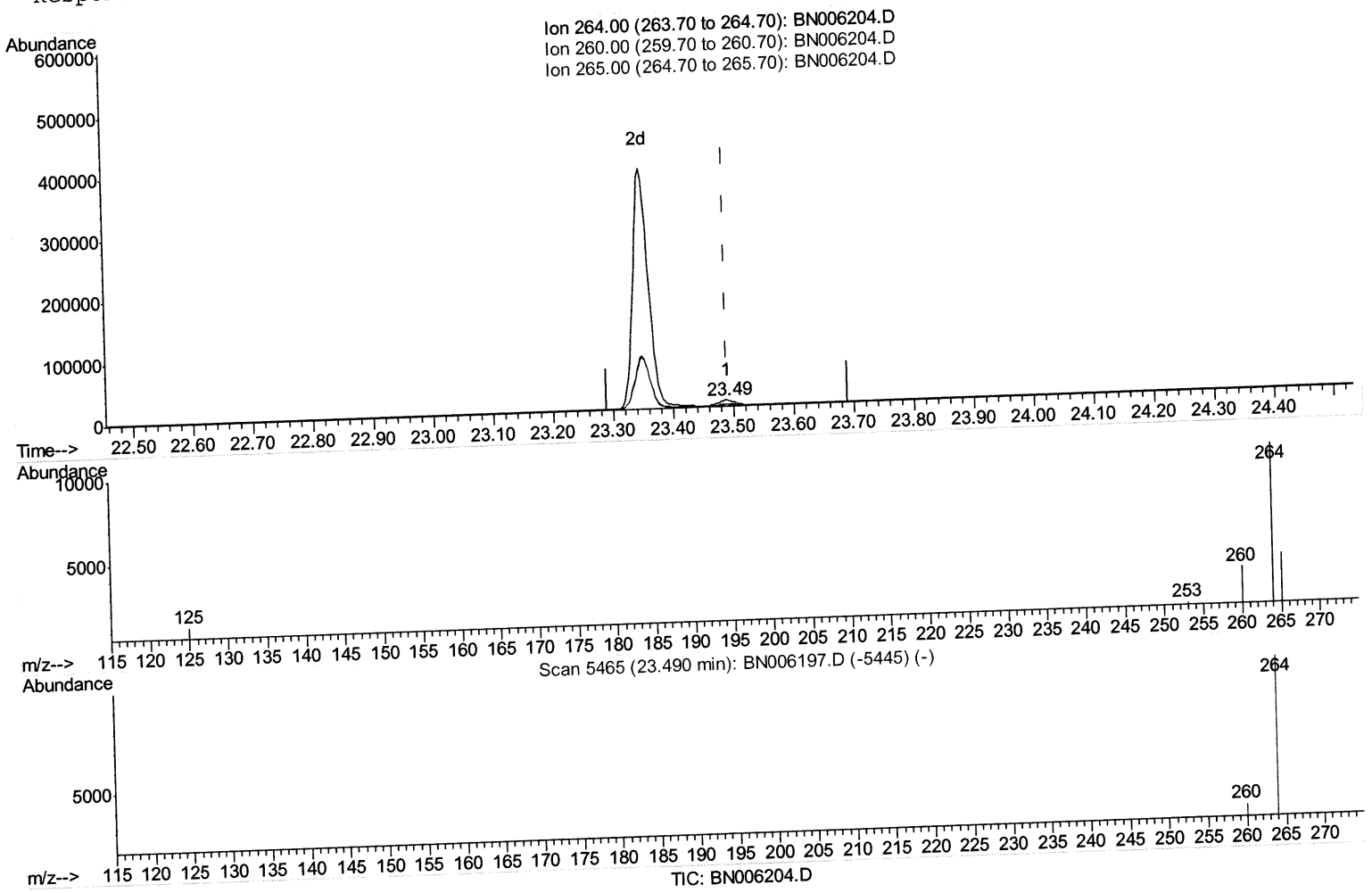
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 05:59:56 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



(20) Perylene-d12 (I)

23.490min (-0.000) 0.40ng/ul m JU 06/10/19

response 14772

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.65
265.00	44.70	34.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

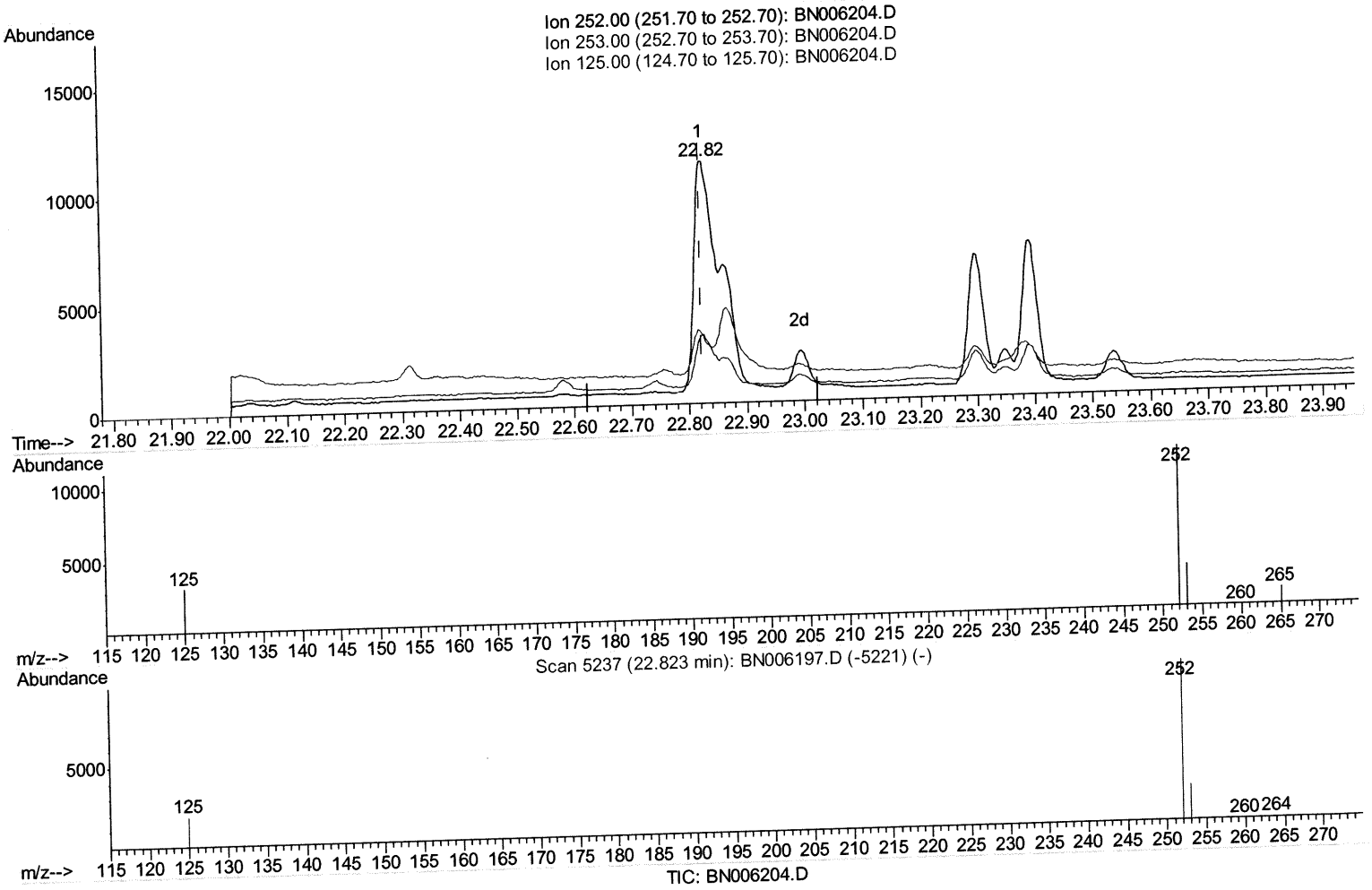
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 06:00:40 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



(21) Benzo(b)fluoranthene

22.823min (0.000) 0.55ng/ul

response 33703

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	28.09
125.00	20.50	29.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

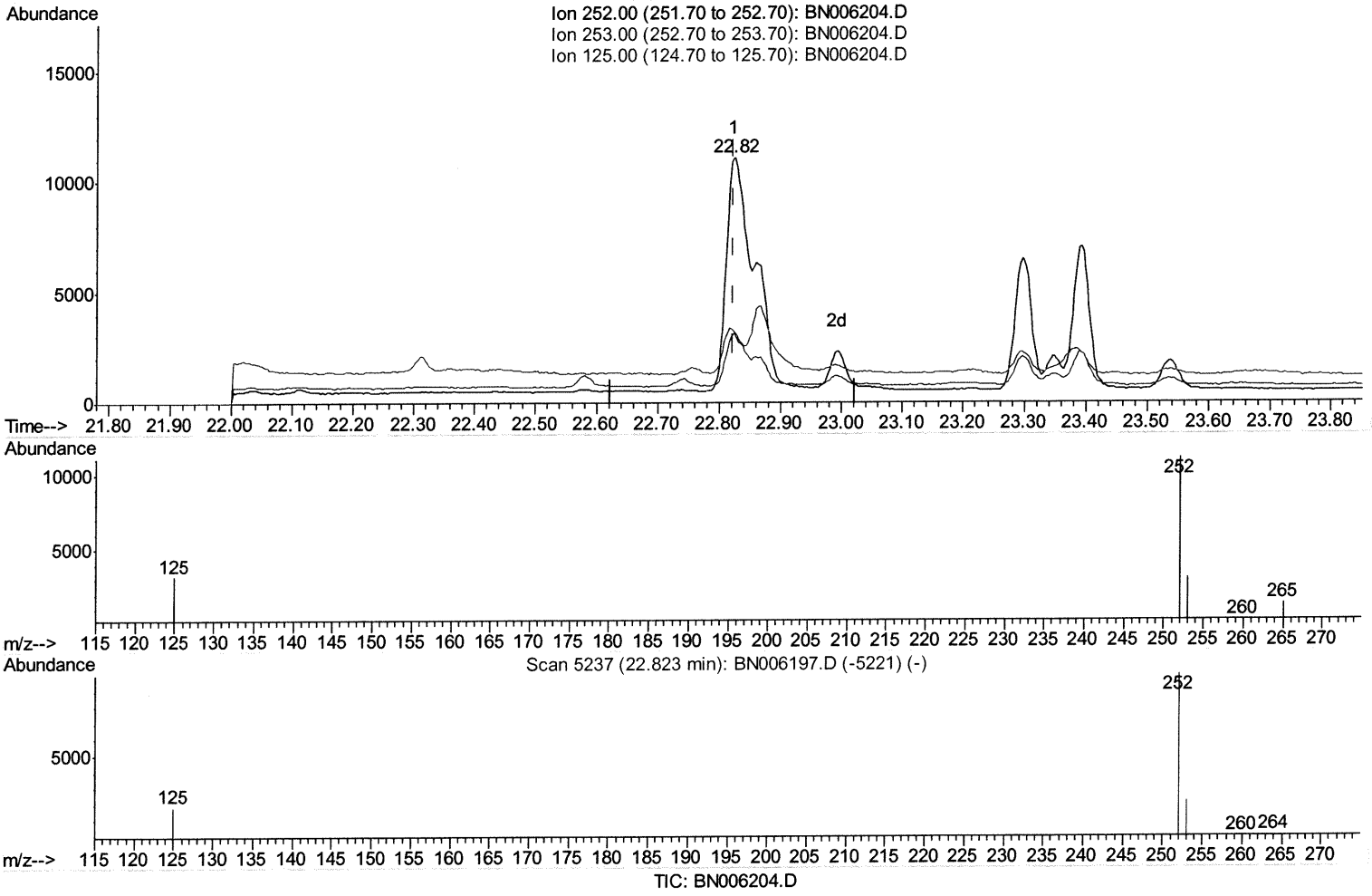
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 06:00:40 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



TIC: BN006204.D

(21) Benzo(b)fluoranthene

22.823min (0.000) 0.38ng/ul m JU 06/10/19

response 23687

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	28.09
125.00	20.50	29.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

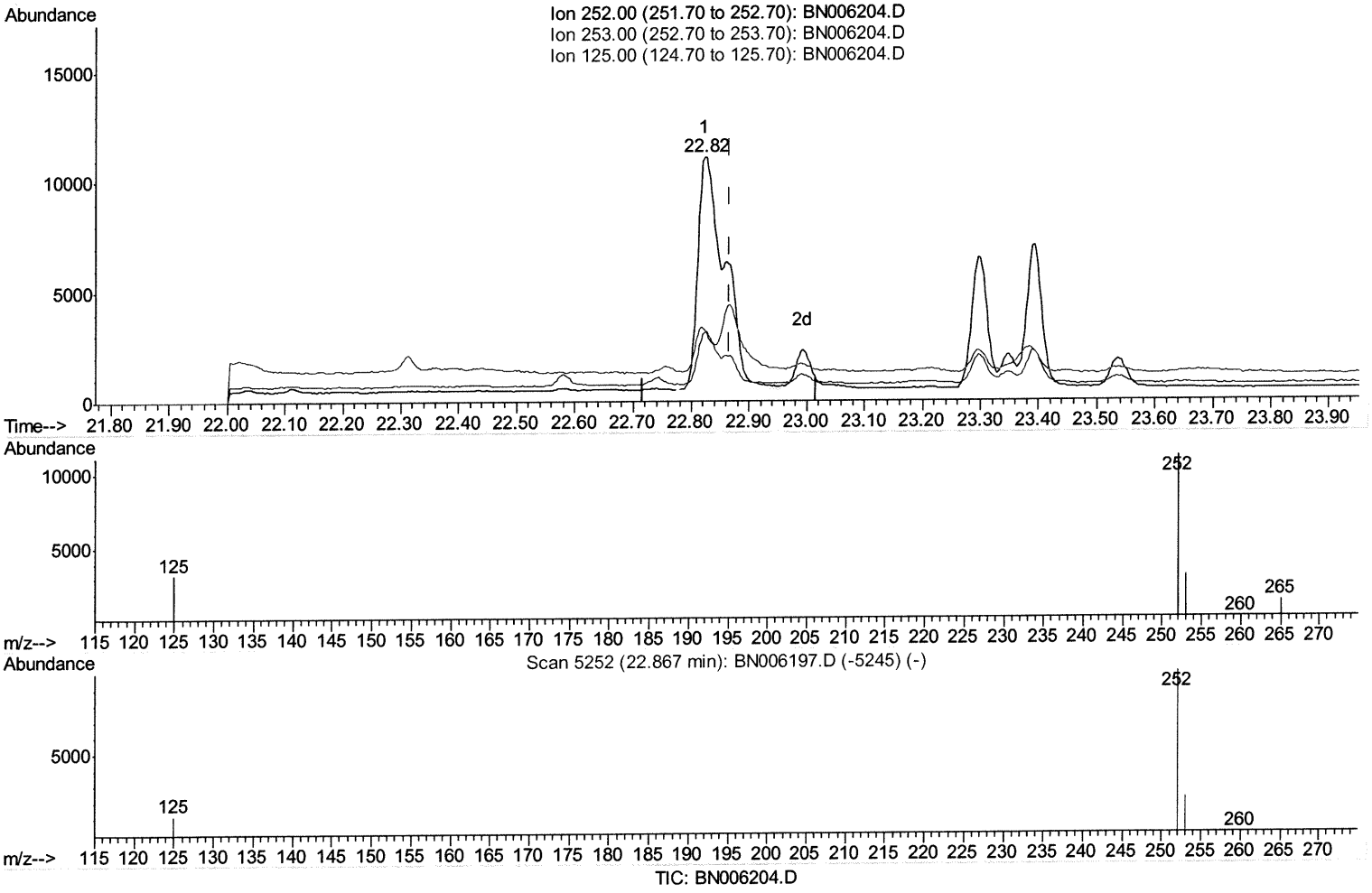
Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 06:00:40 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
mohammad
6/11/2019 4:32:02 PM



Scan 5252 (22.867 min): BN006197.D (-5245) (-)

TIC: BN006204.D

(22) Benzo(k)fluoranthene

22.823min (-0.044) 0.56ng/ul

response 33630

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	28.09
125.00	17.90	29.20#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (Qedit)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 06:00:40 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51G3

Manual Integrations APPROVED
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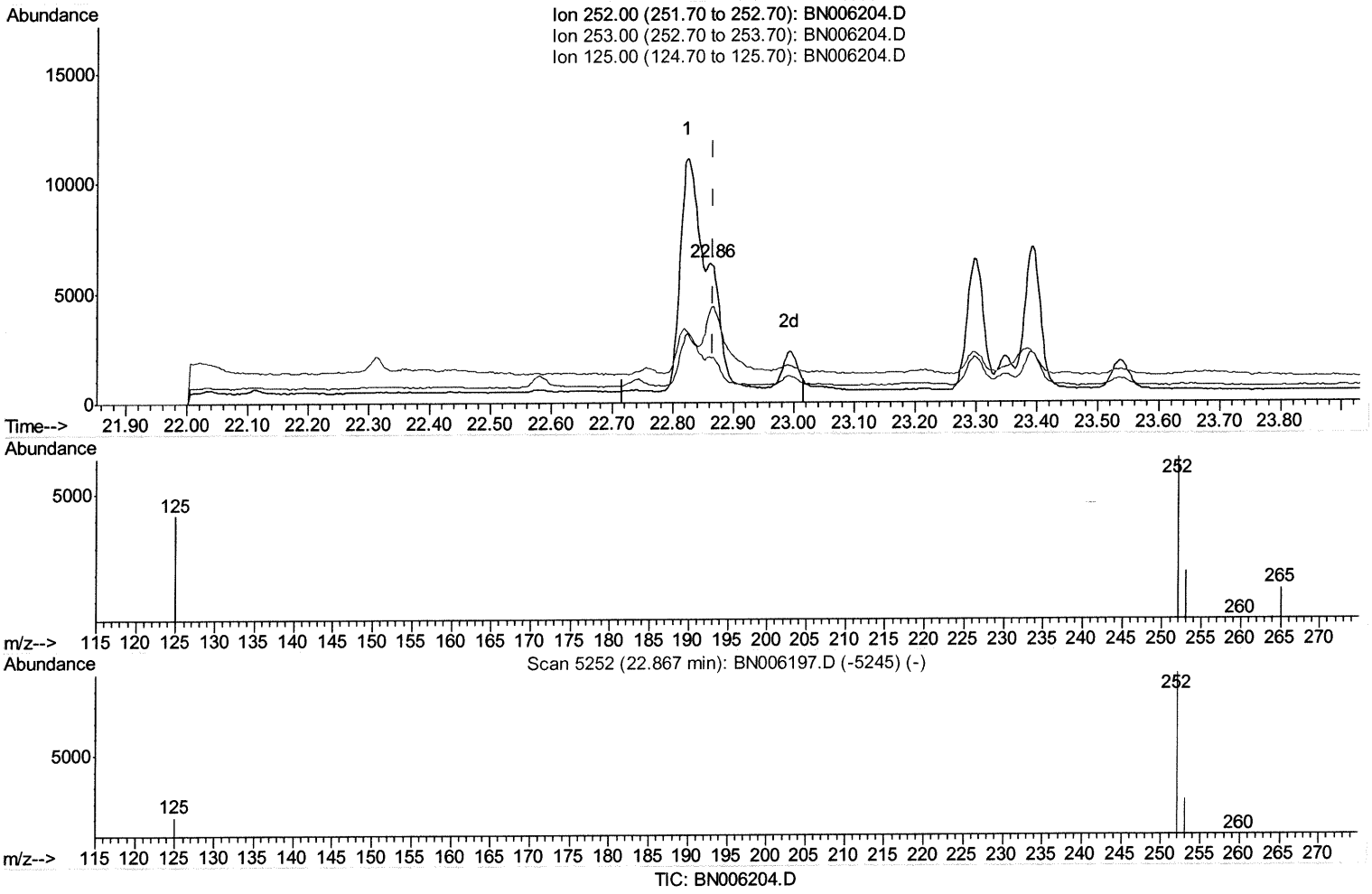

TIC: BN006204.D

(22) Benzo(k)fluoranthene

22.861min (-0.006) 0.16ng/ul m JU 06/10/19

response 9519

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	32.36#
125.00	17.90	66.44#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\

Quantitation Report (QT Reviewed)

Data File : BN006204.D
Acq On : 08 Jun 2019 23:41
Operator : JU/SJ
Sample : K3017-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 06:01:54 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4712	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17730	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9127	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18943m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15653m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	14772m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4707	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10436m	0.21	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	4184	0.082	ng/ul#	94
9) Fluorene	15.35	166	832	0.020	ng/ul#	91
12) Phenanthrene	17.09	178	11456	0.188	ng/ul	97
13) Anthracene	17.18	178	3240m	0.056	ng/ul	
15) Fluoranthene	19.12	202	30317m	0.452	ng/ul	
17) Pyrene	19.49	202	29764	0.361	ng/ul	99
18) Benzo(a)anthracene	21.24	228	12051	0.174	ng/ul#	87
19) Chrysene	21.30	228	19267	0.296	ng/ul#	90
21) Benzo(b)fluoranthene	22.82	252	23687m	0.385	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	9519m	0.159	ng/ul	
23) Benzo(a)pyrene	23.39	252	11938	0.208	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.72	276	9957	0.160	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.72	278	2389	0.048	ng/ul#	31
26) Benzo(g,h,i)perylene	26.40	276	8611	0.166	ng/ul#	87

JU 06/10/19

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

Instrument :
BNA_N
ClientSampleId :
A51G3

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