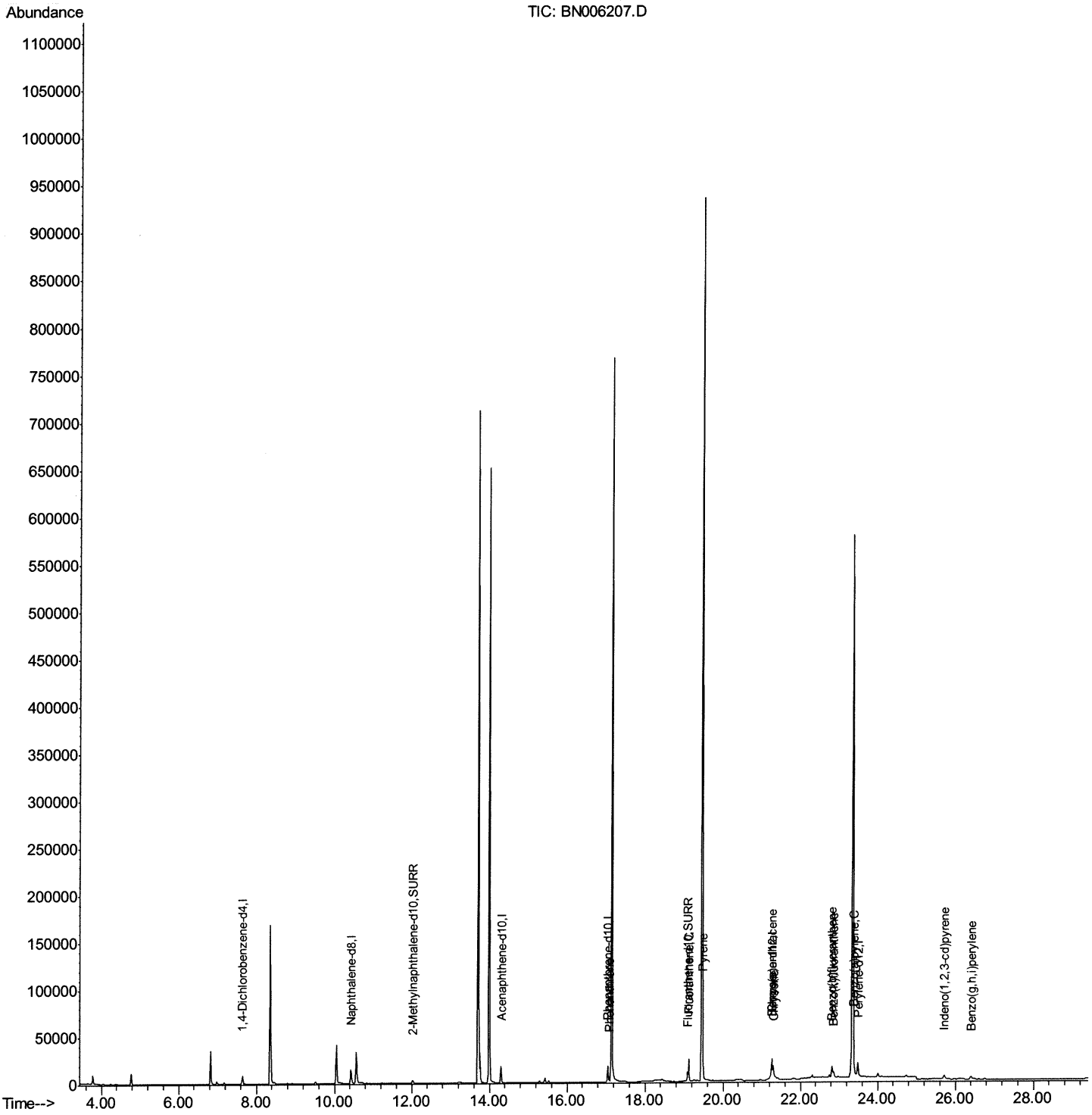
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060819\
Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 10 02:37:15 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM



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

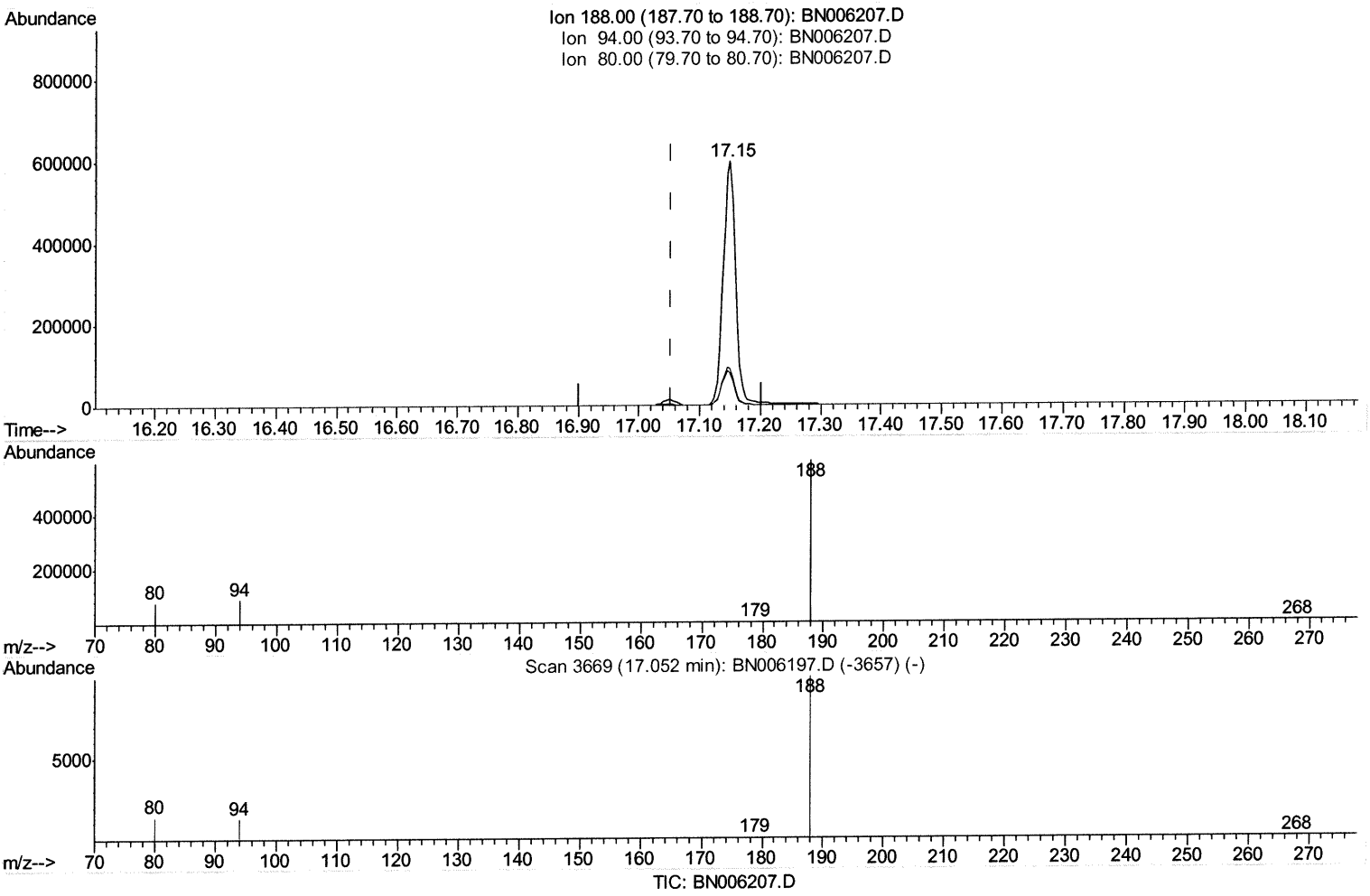
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 05:16:01 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM



TIC: BN006207.D

(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 842361

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.87
80.00	13.60	13.33
0.00	0.00	0.00

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

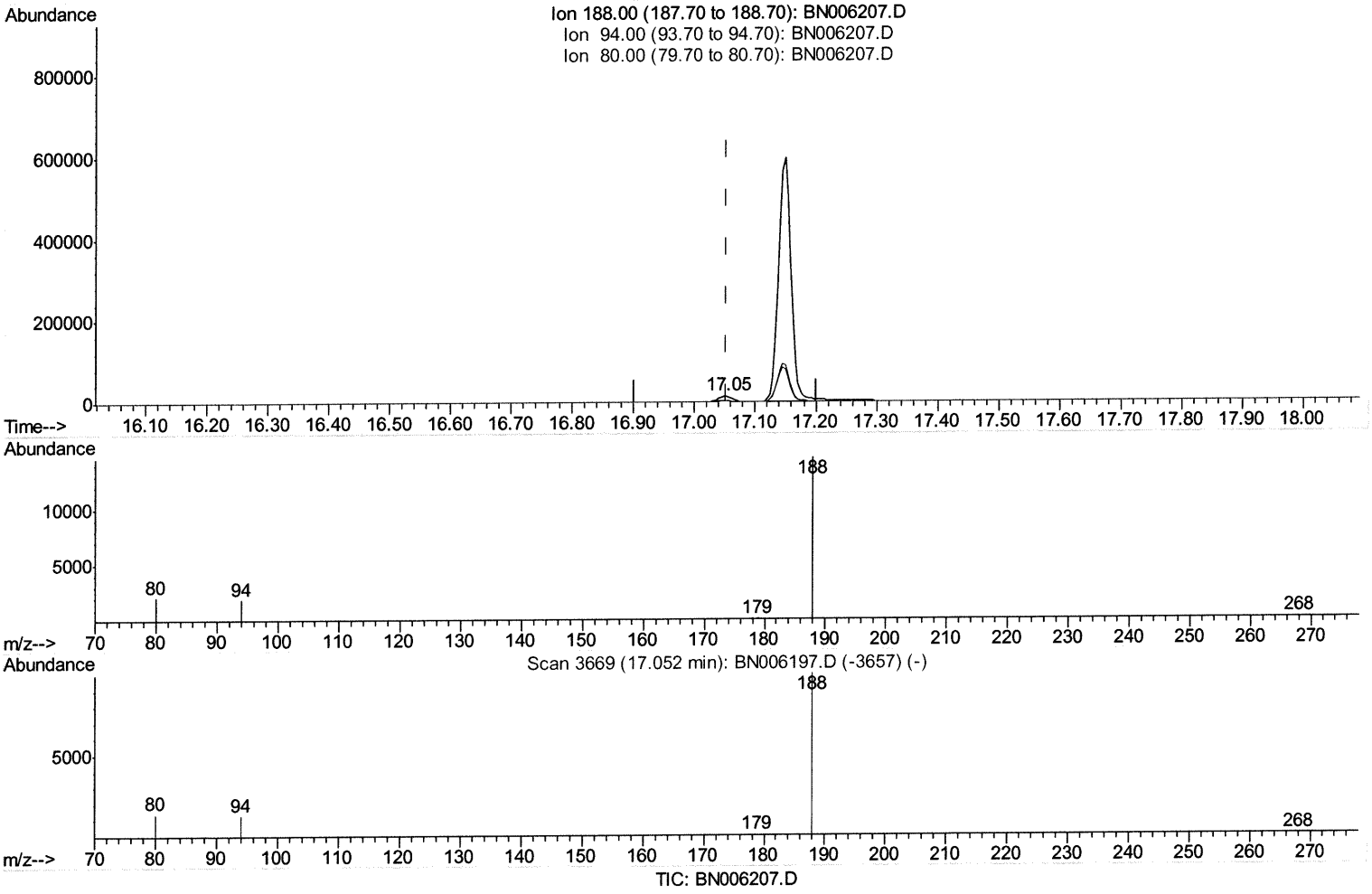
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 05:16:01 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM



(10) Phenanthrene-d10 (I)

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

response 21240

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.03
80.00	13.60	14.52
0.00	0.00	0.00

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

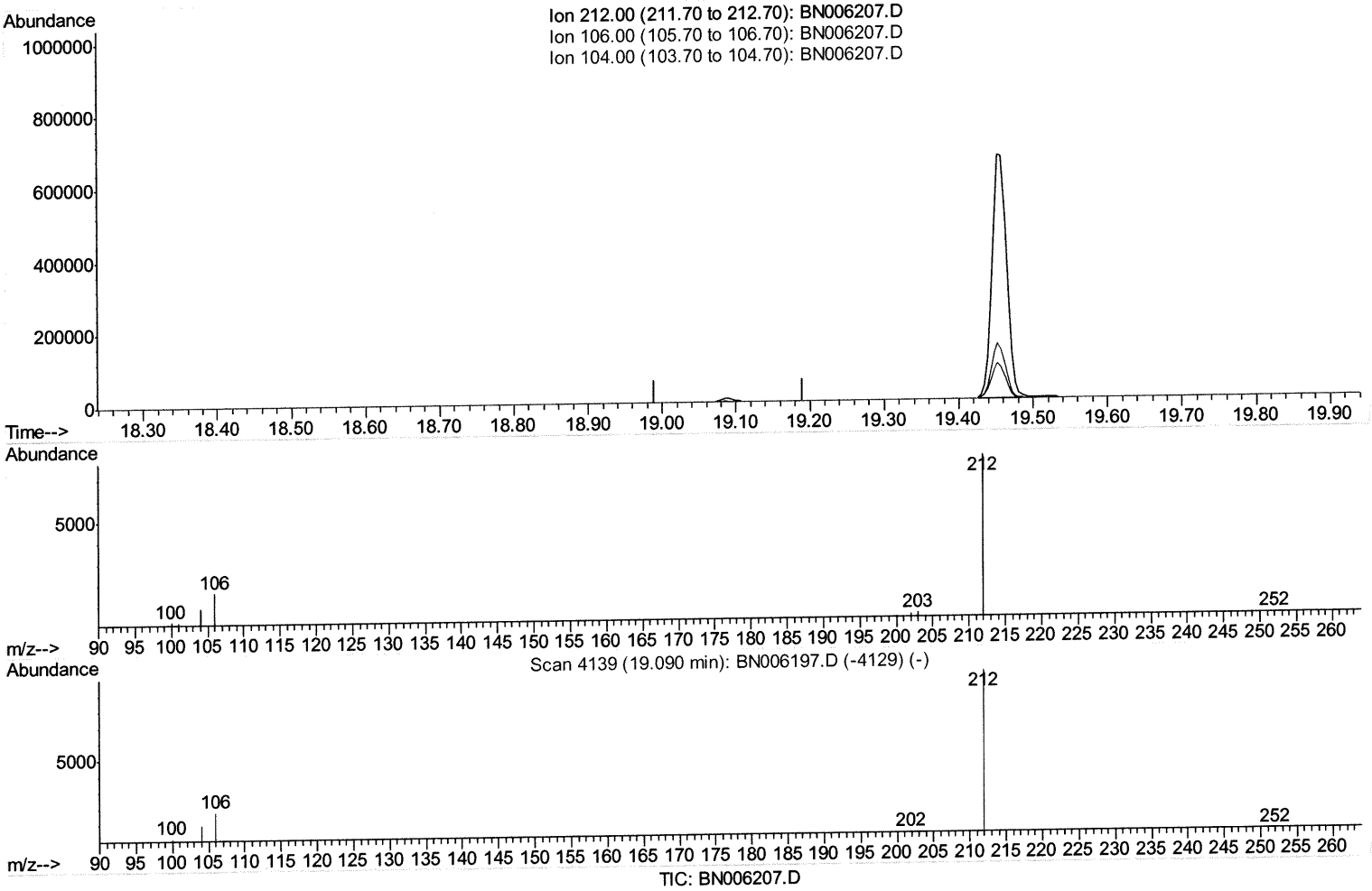
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:12:50 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 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\

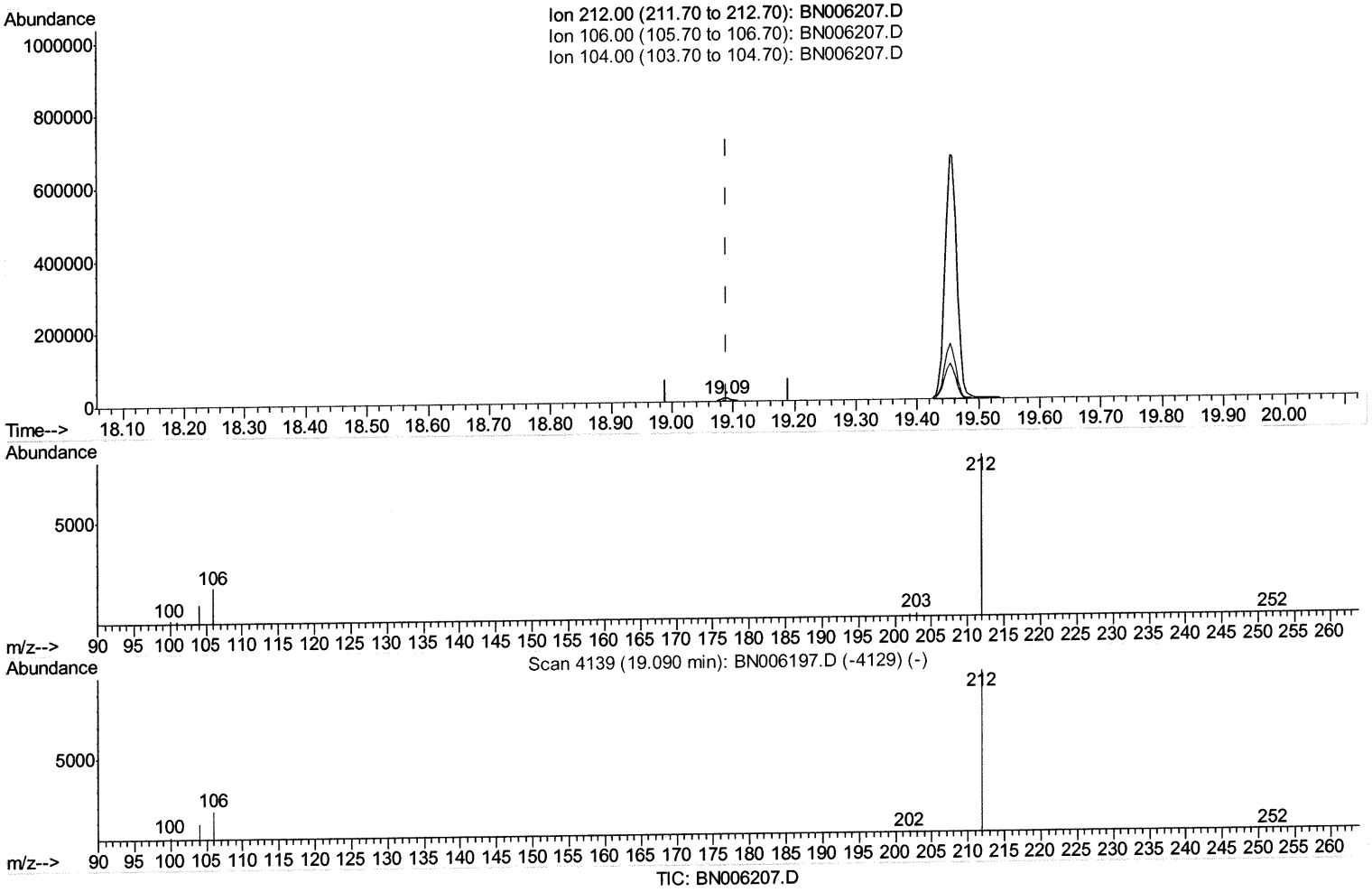
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:12:50 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM



TIC: BN006207.D

(14) Fluoranthene-d10 (SURR) JU 06/10/19

19.086min (-0.005) 0.20ng/ul m

response 11224

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\

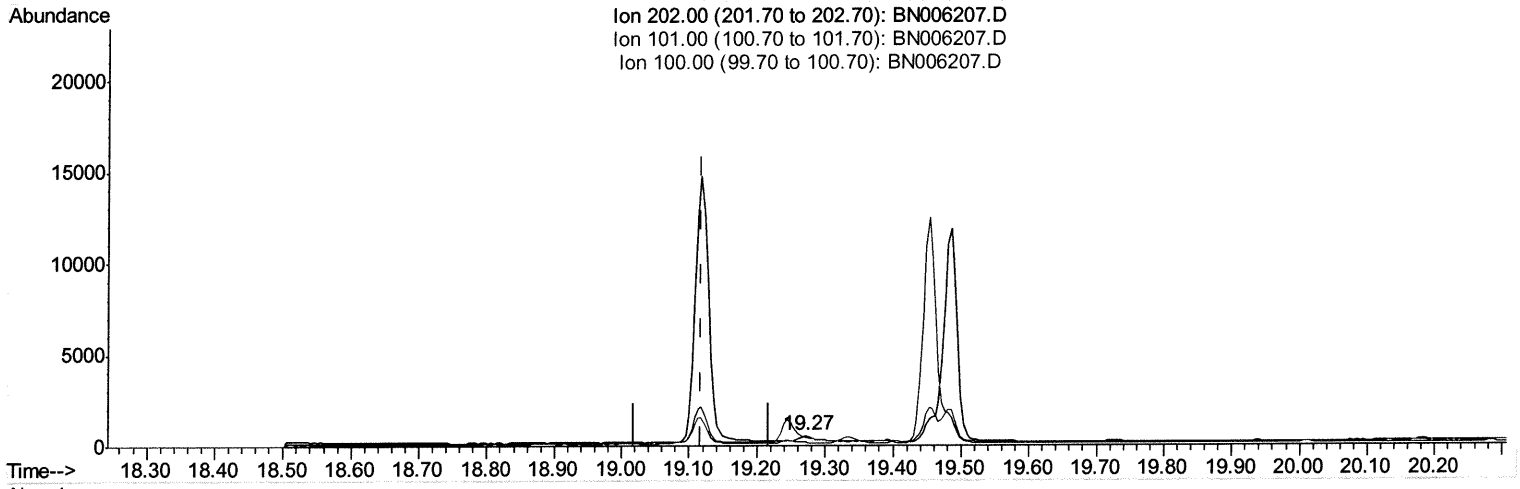
Quantitation Report (Qedit)

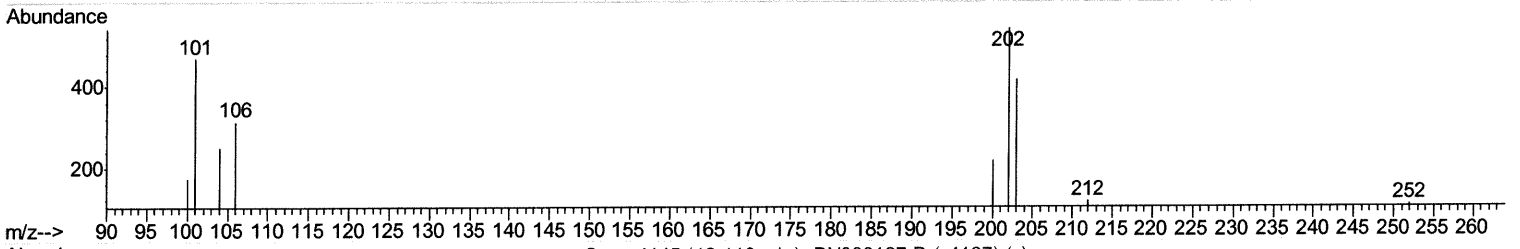
Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

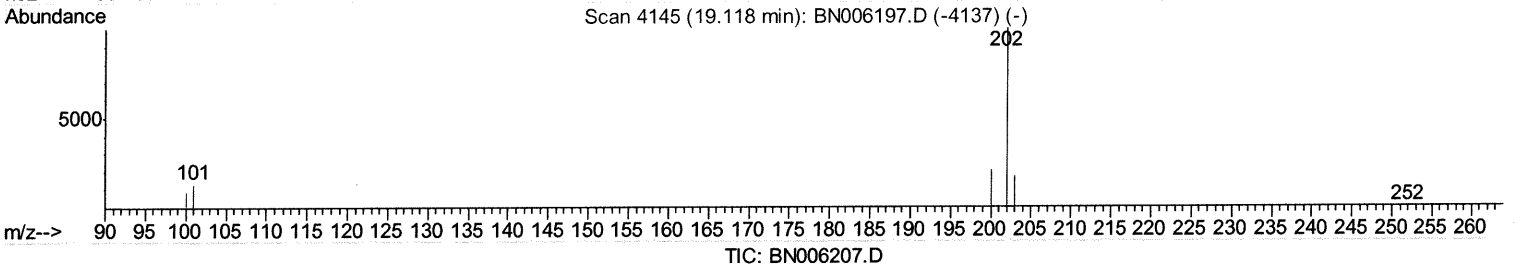
Quant Time: Jun 09 06:12:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM







TIC: BN006207.D

(15) Fluoranthene (C)

19.271min (+0.153) 0.01ng/ul

response 407

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	86.56#
100.00	8.70	32.41#
0.00	0.00	0.00

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

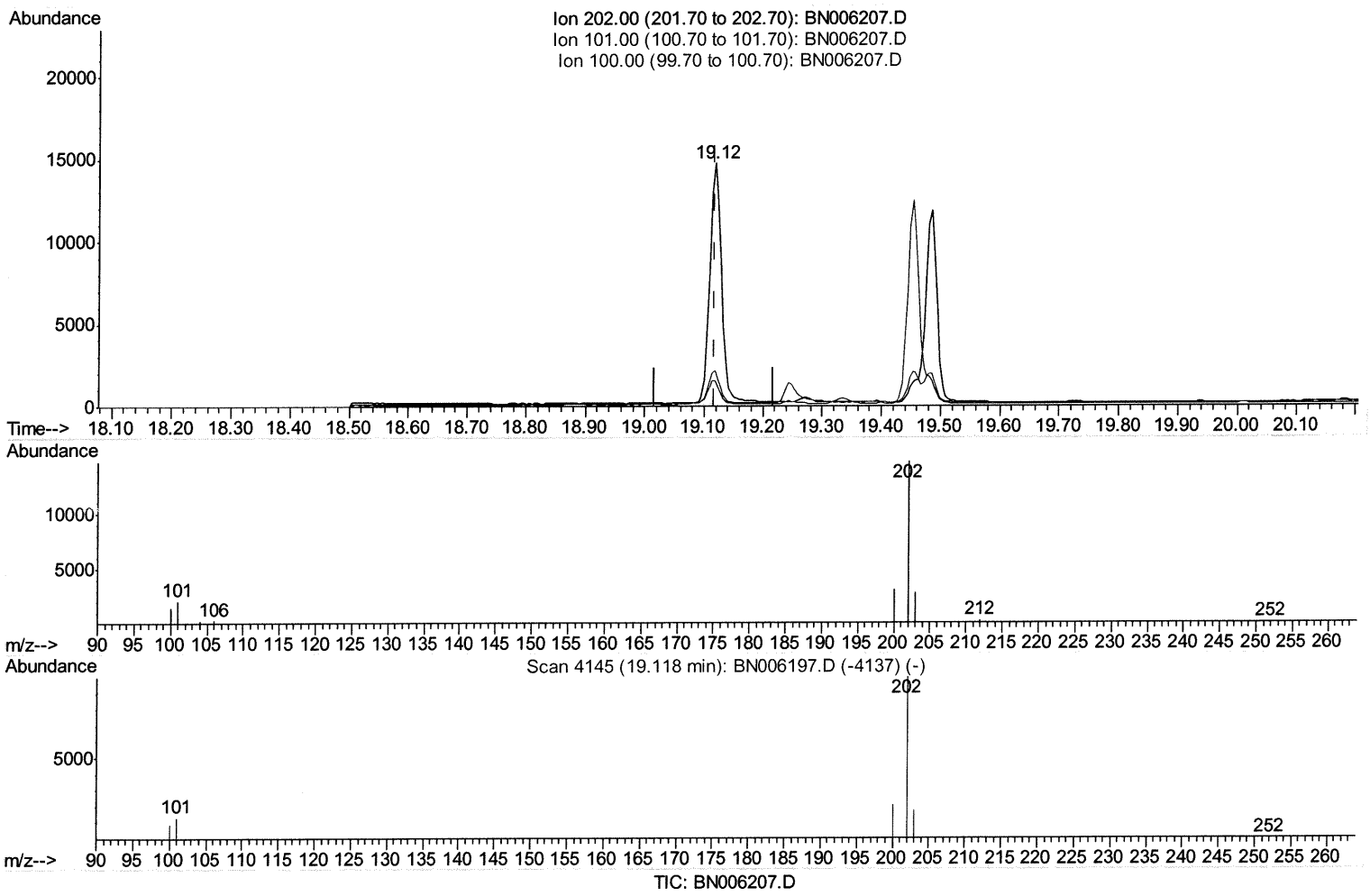
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:12:50 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM



TIC: BN006207.D

(15) Fluoranthene (C)

19.118min (-0.000) 0.28ng/ul m JU 06/10/19

response 20746

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.45
100.00	8.70	10.25
0.00	0.00	0.00

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

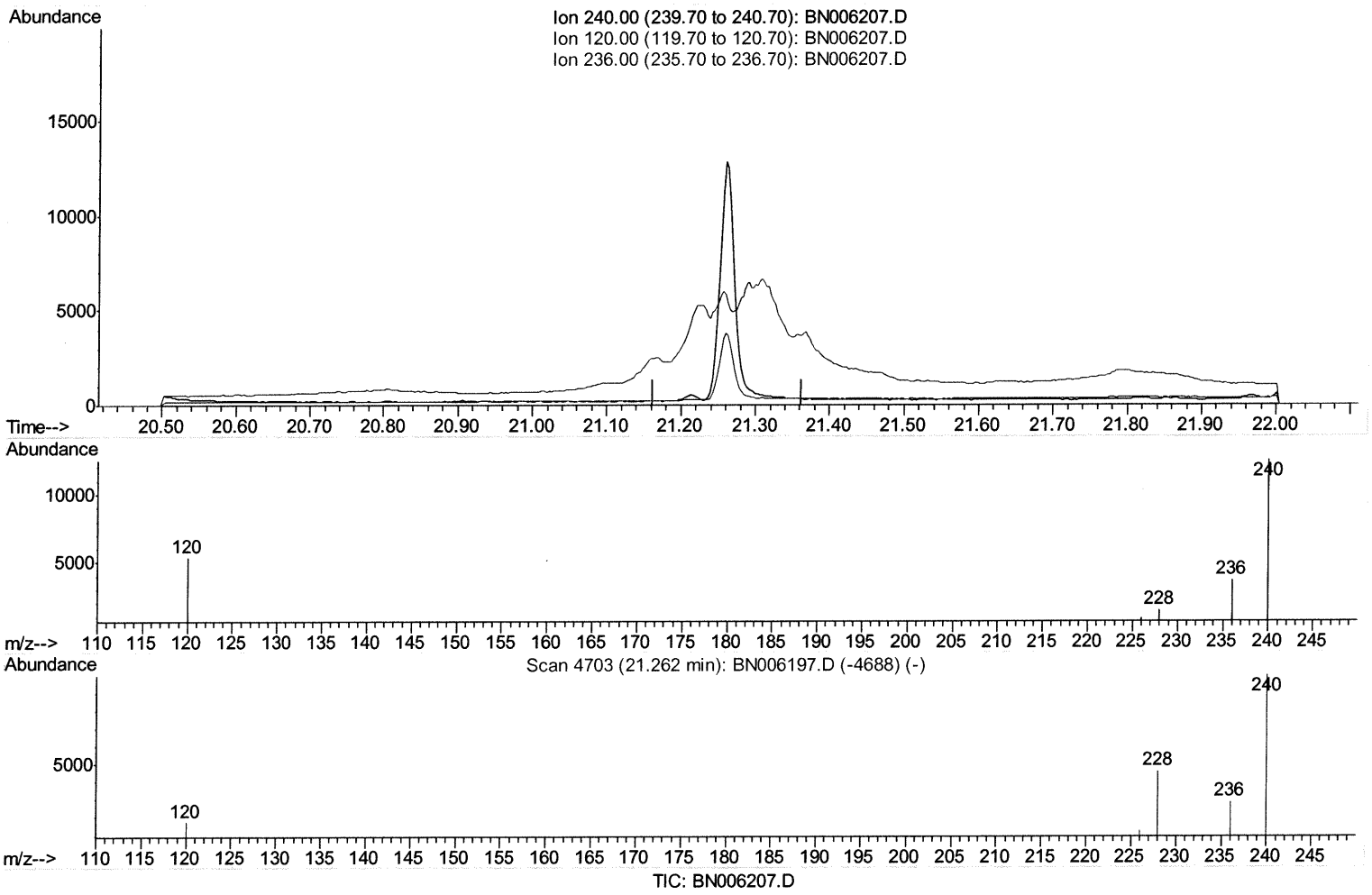
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:12:50 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 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\

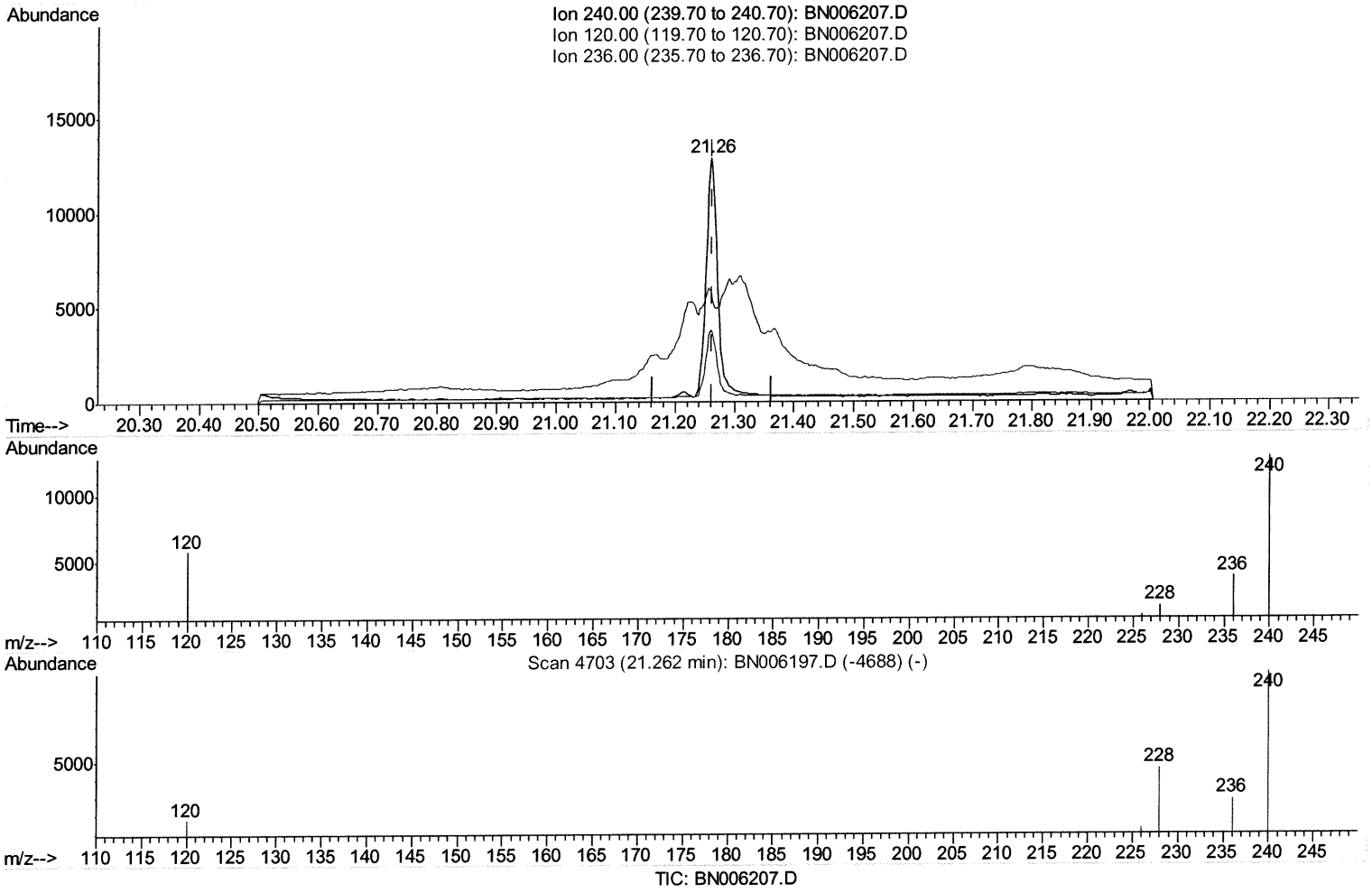
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:12:50 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM



TIC: BN006207.D

(16) Chrysene-d12 (I)

21.259min (-0.003) 0.40ng/ul m JU 06/10/19

response 17137

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	45.34#
236.00	30.10	29.74
0.00	0.00	0.00

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

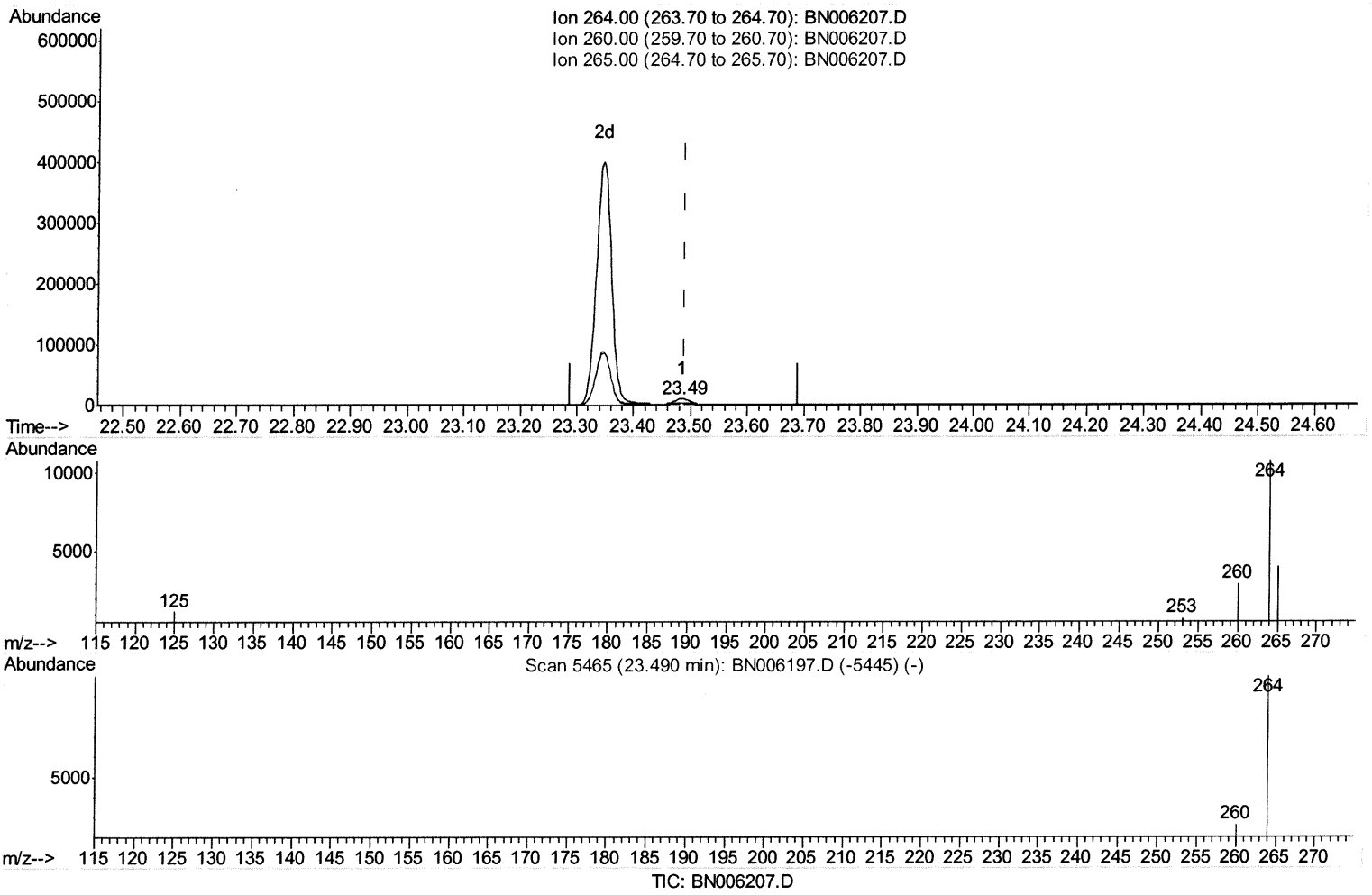
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:12:50 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM



TIC: BN006207.D

(20) Perylene-d12 (I)

23.487min (-0.003) 0.40ng/ul

response 24590

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.07
265.00	44.70	37.66
0.00	0.00	0.00

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

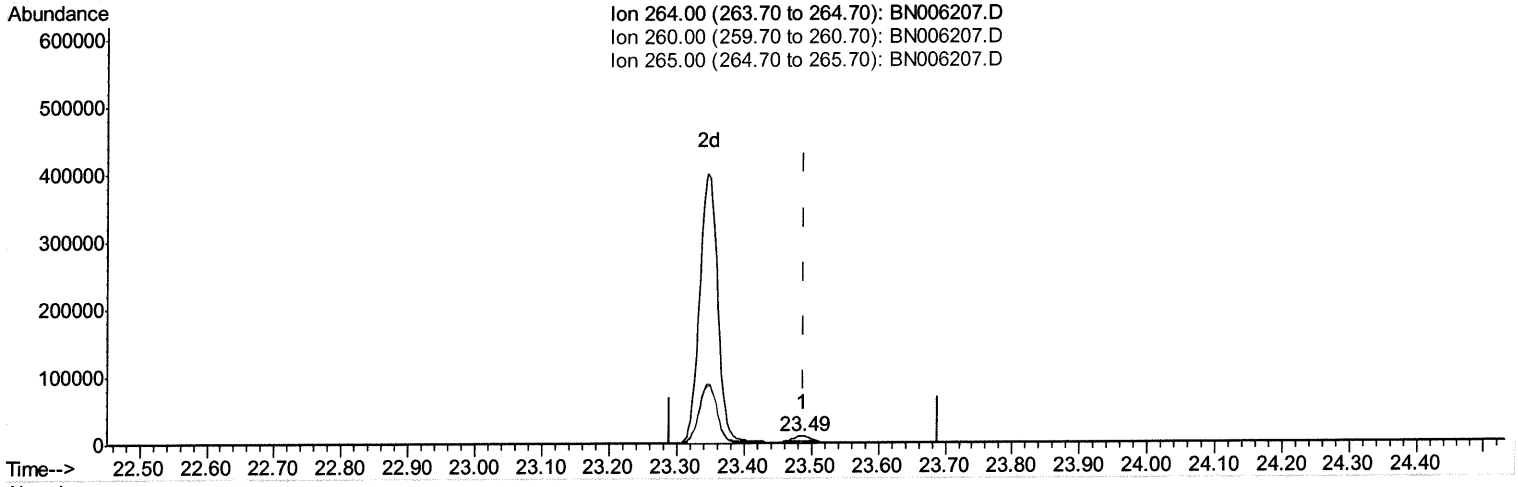
Quantitation Report (Qedit)

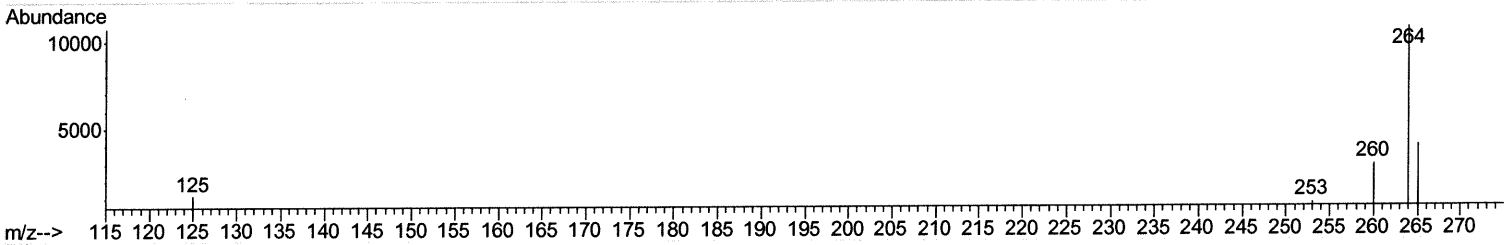
Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

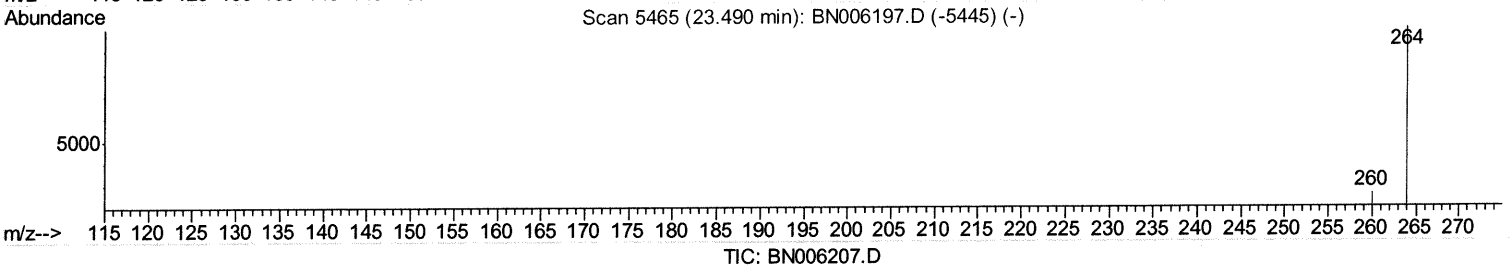
Quant Time: Jun 09 06:12:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM







TIC: BN006207.D

(20) Perylene-d12 (I)

23.487min (-0.003) 0.40ng/ul m JU 06/10/19

response 16843

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.07
265.00	44.70	37.66
0.00	0.00	0.00

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

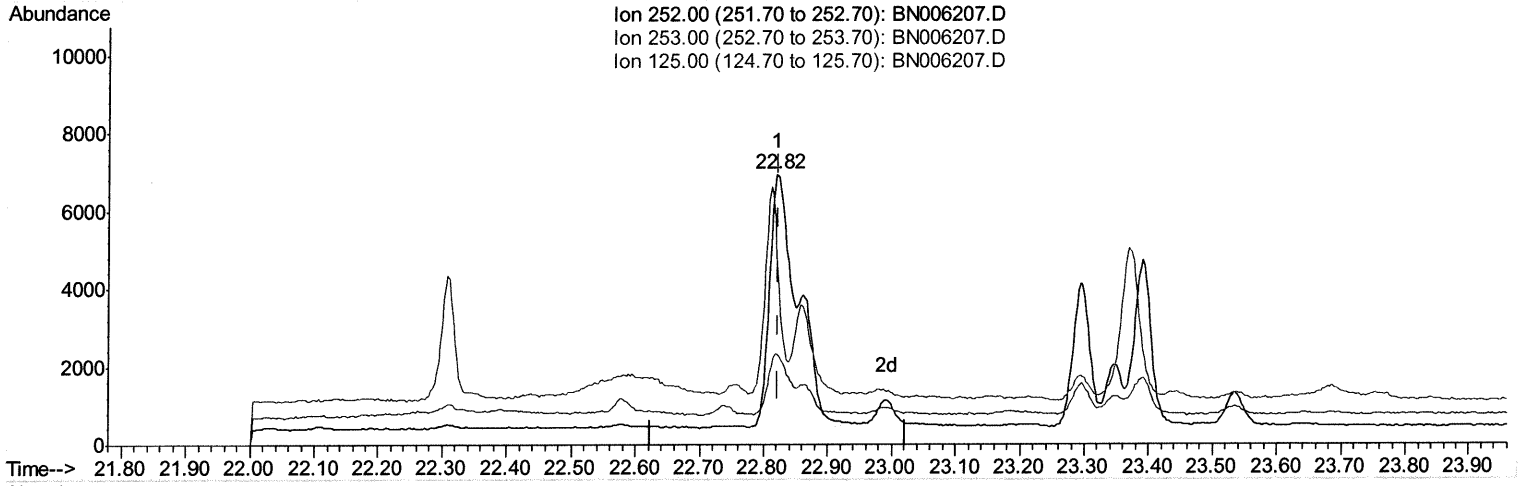
Quantitation Report (Qedit)

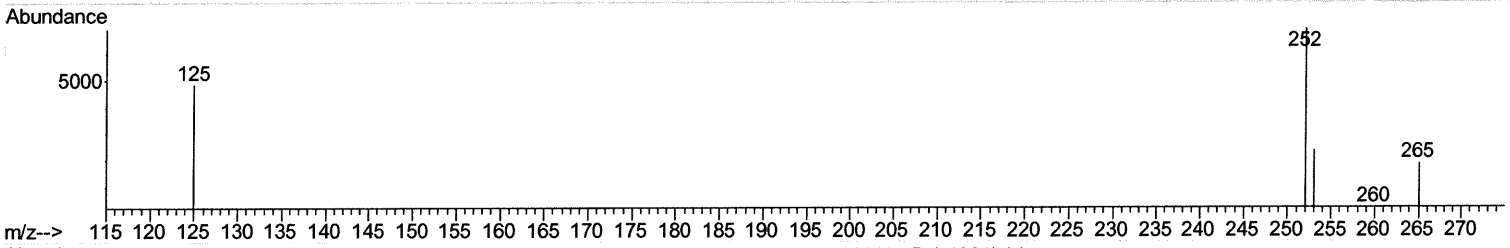
Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:17:01 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

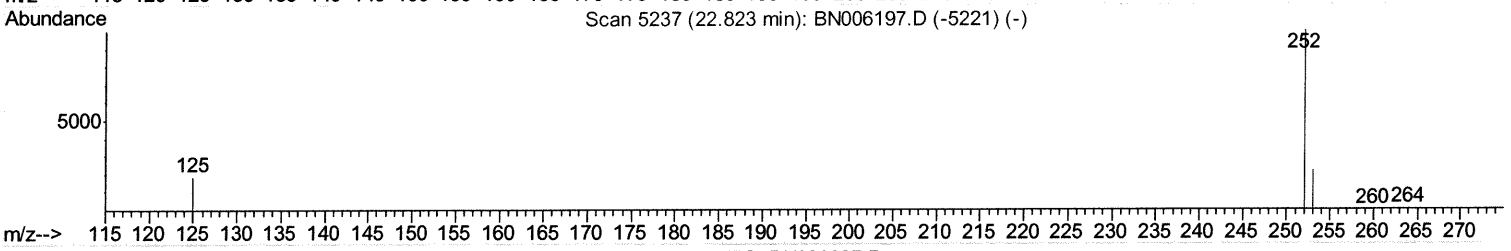
Instrument :
BNA_N
ClientSampleId :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM





Scan 5237 (22.823 min): BN006197.D (-5221) (-)



TIC: BN006207.D

(21) Benzo(b)fluoranthene

22.820min (-0.003) 0.29ng/ul

response 20044

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	33.86
125.00	20.50	70.02#
0.00	0.00	0.00

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

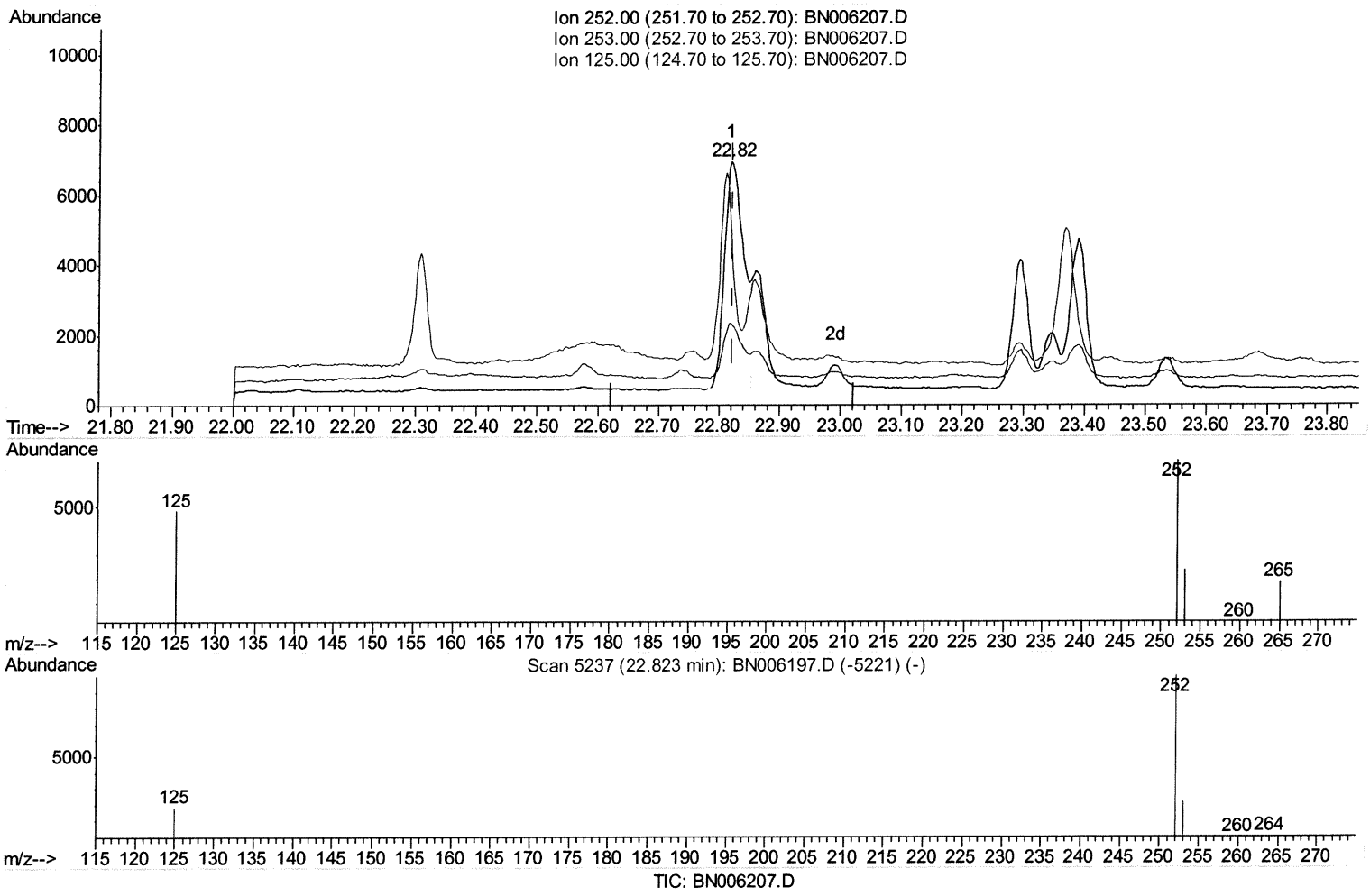
Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:17:01 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 :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM



TIC: BN006207.D

(21) Benzo(b)fluoranthene

22.820min (-0.003) 0.21ng/ul m JU 06/10/19

response 14498

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	33.86
125.00	20.50	70.02#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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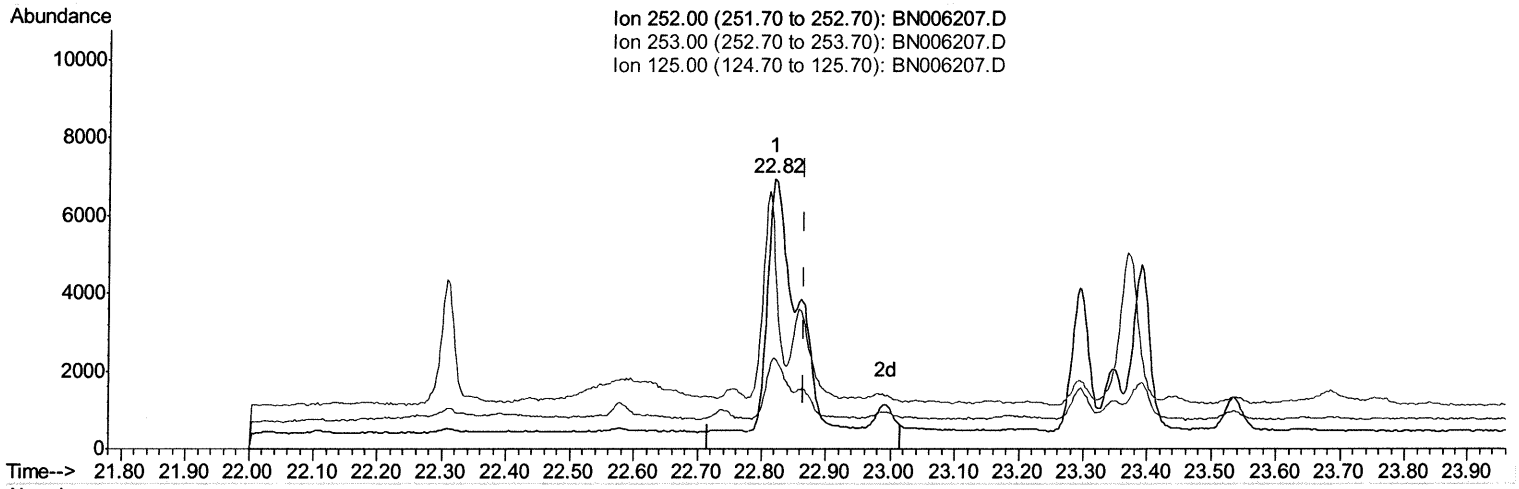
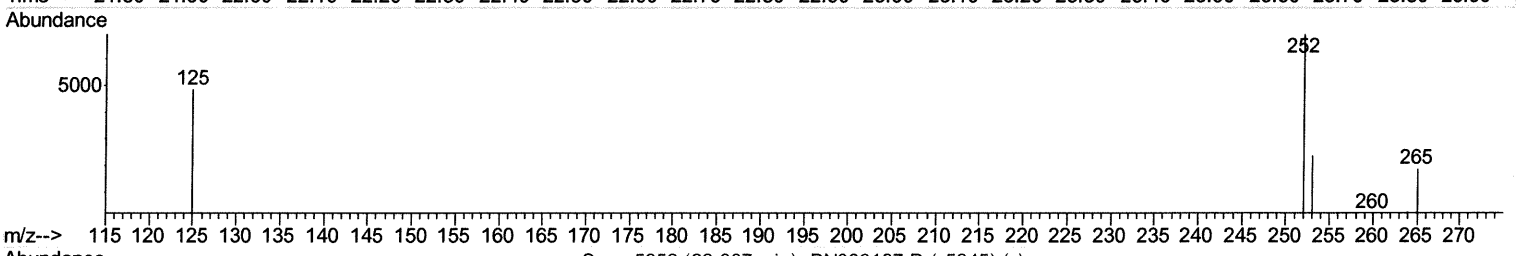
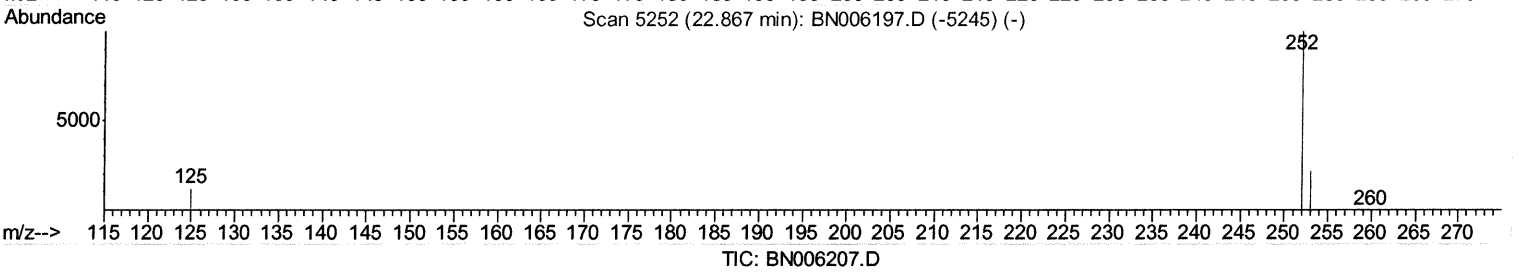
Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM







TIC: BN006207.D

(22) Benzo(k)fluoranthene

22.820min (-0.047) 0.29ng/ul

response 20044

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	33.86#
125.00	17.90	70.02#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 09 06:17:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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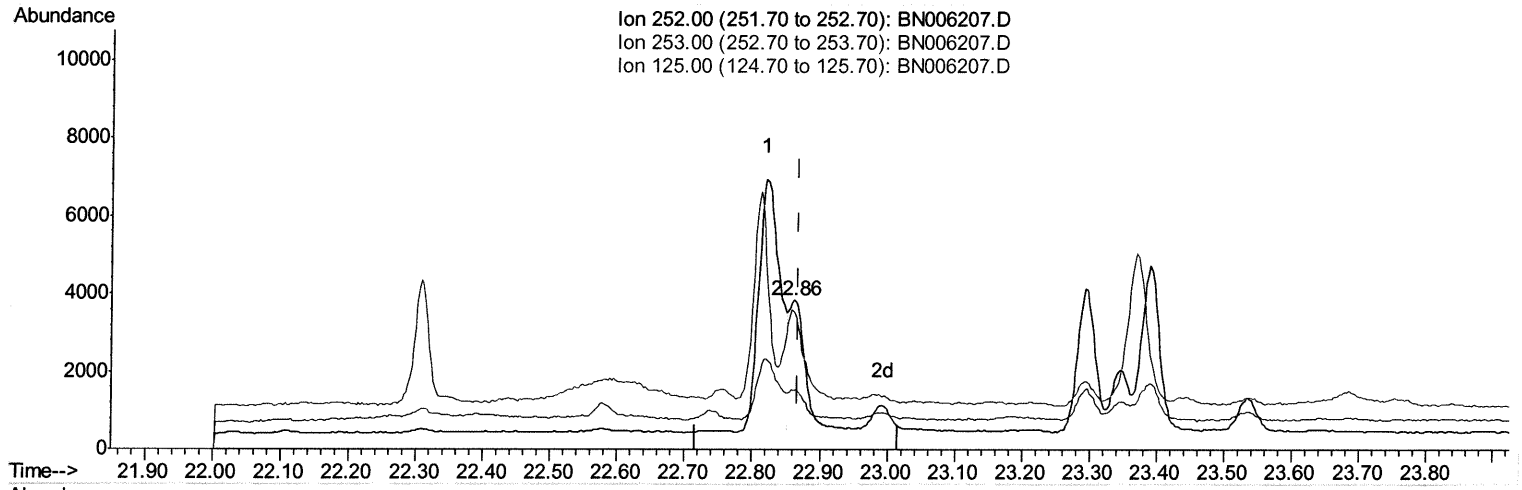
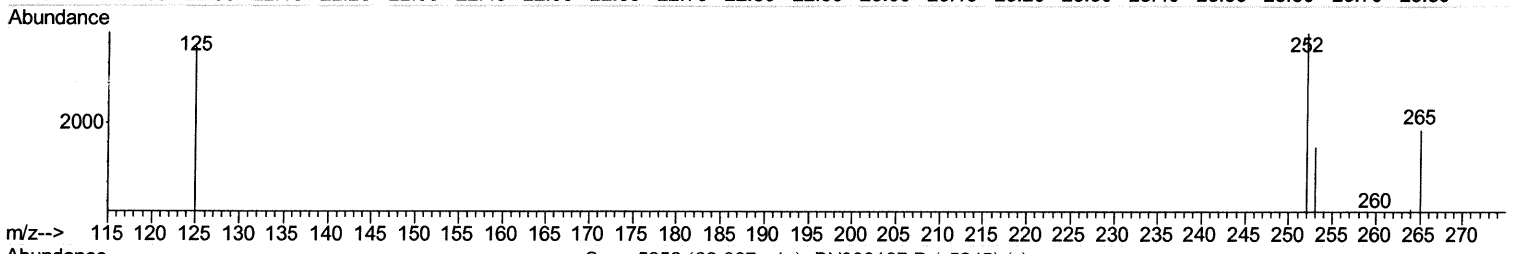
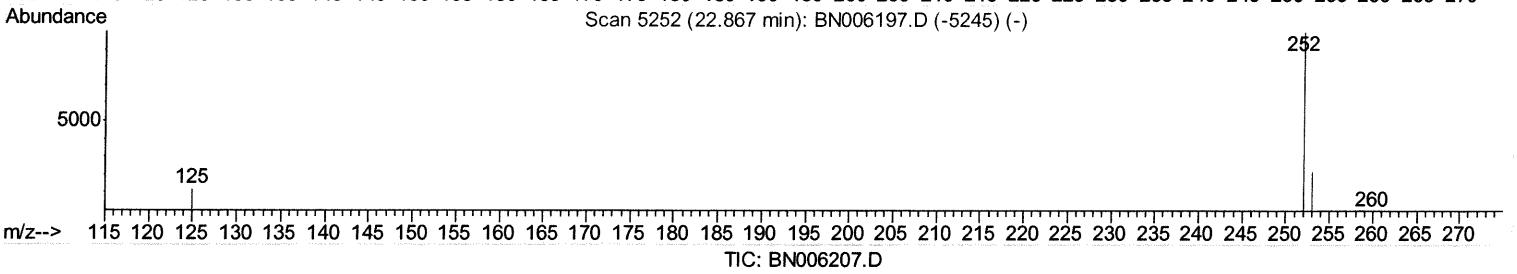
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM







TIC: BN006207.D

(22) Benzo(k)fluoranthene

22.861min (-0.006) 0.09ng/ul m JJ 06/10/19

response 5932

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	39.68#
125.00	17.90	92.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060819\
Data File : BN006207.D
Acq On : 09 Jun 2019 01:24
Operator : JU/SJ
Sample : K3017-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 10 02:37:15 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 : A51E6

Manual Integrations APPROVED
mohammad
6/11/2019 4:33:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4983	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19181	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9976	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21240m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17137m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16843m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5011	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11224m	0.20	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.09	178	5620	0.082	ng/ul	94
15) Fluoranthene	19.12	202	20746m	0.276	ng/ul	
17) Pyrene	19.49	202	17088	0.189	ng/ul	97
18) Benzo(a)anthracene	21.24	228	5577	0.074	ng/ul#	87
19) Chrysene	21.30	228	10308	0.145	ng/ul#	92
21) Benzo(b)fluoranthene	22.82	252	14498m	0.206	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	5932m	0.087	ng/ul	
23) Benzo(a)pyrene	23.39	252	7894	0.121	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.72	276	6776	0.096	ng/ul	93
26) Benzo(g,h,i)perylene	26.40	276	6225	0.105	ng/ul#	81

SJ 06/10/19

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