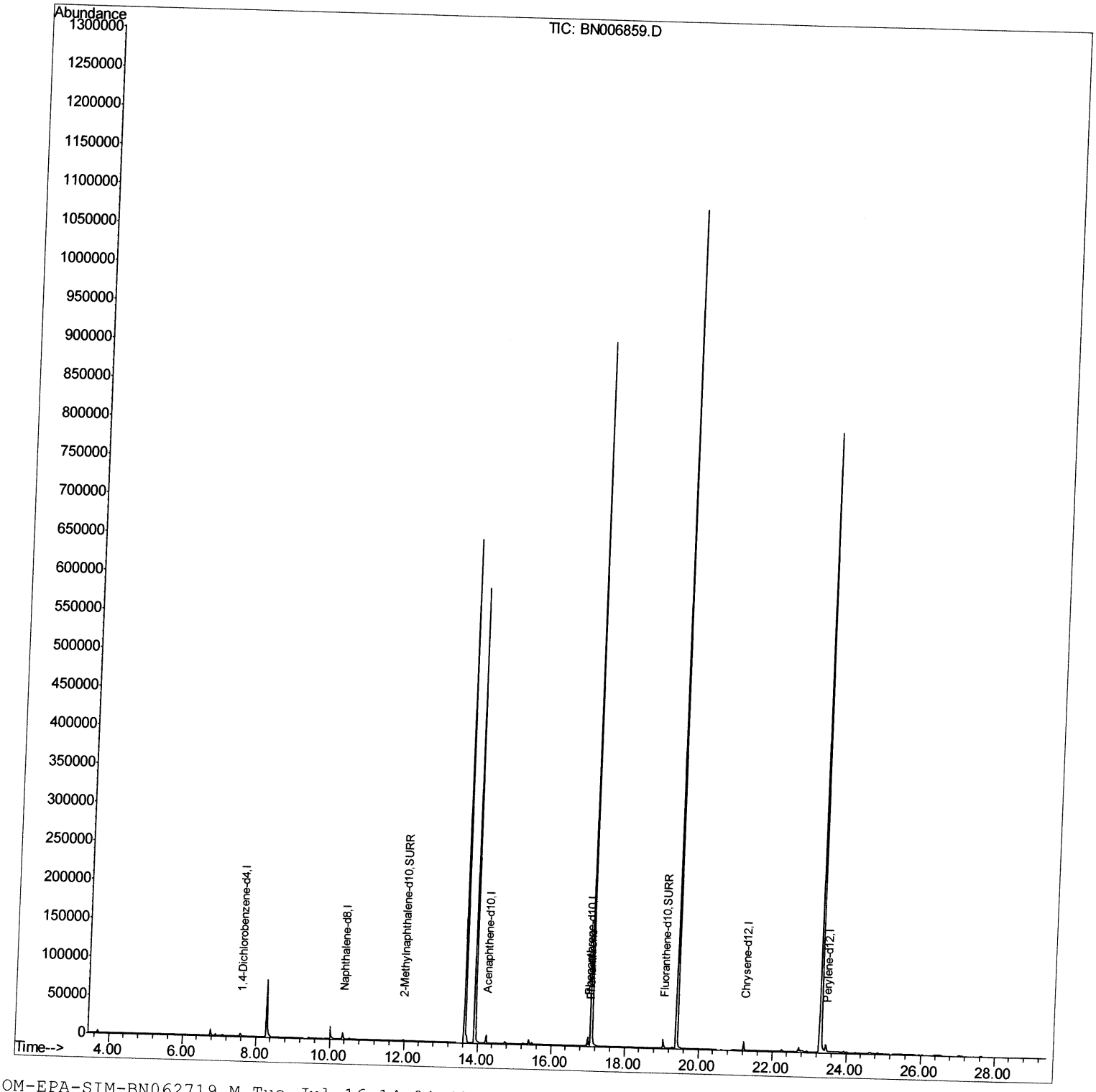
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:12:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52M8

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:09:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
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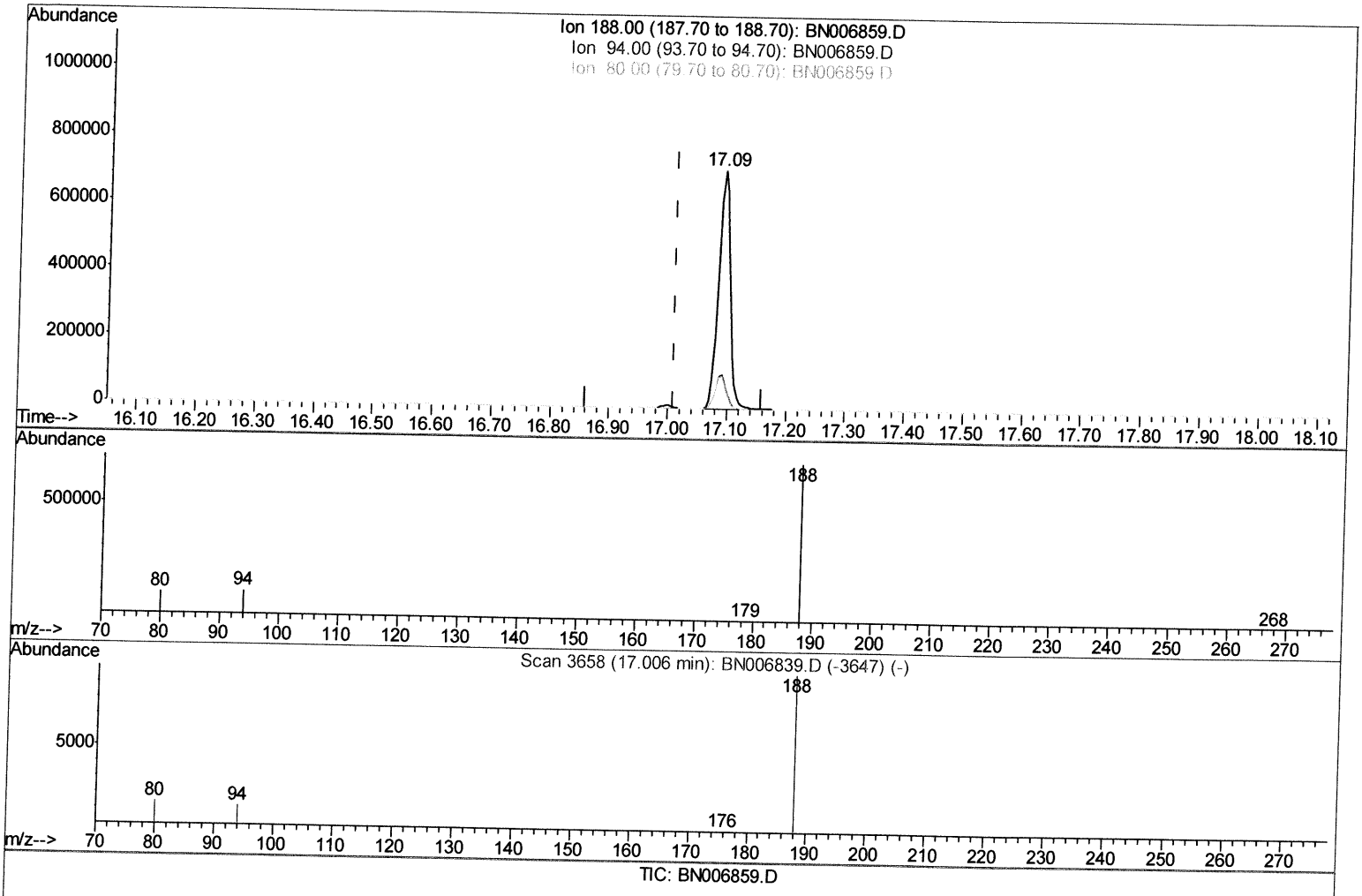
ClientSampleId :
A52M8

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM



TIC: BN006859.D

(10) Phenanthrene-d10 (I)

17.090min (+0.080) 0.40ng/ul

response 970462

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.40
80.00	14.80	13.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
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Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:09:50 2019
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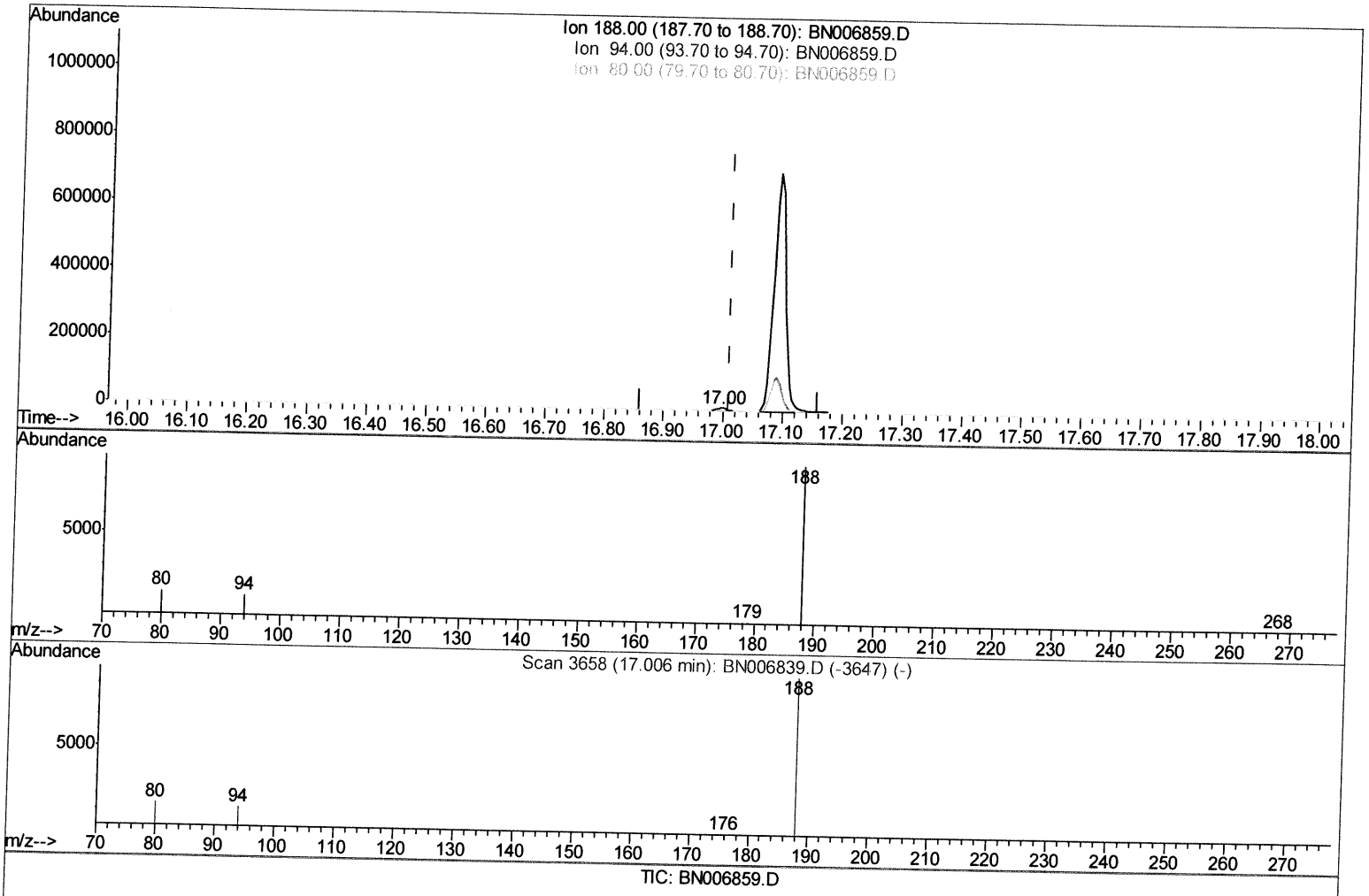
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52M8

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM



(10) Phenanthrene-d10 (I)

16.998min (-0.013) 0.40ng/ul m JU 07/17/19

response 13407

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.83
80.00	14.80	14.90
0.00	0.00	0.00

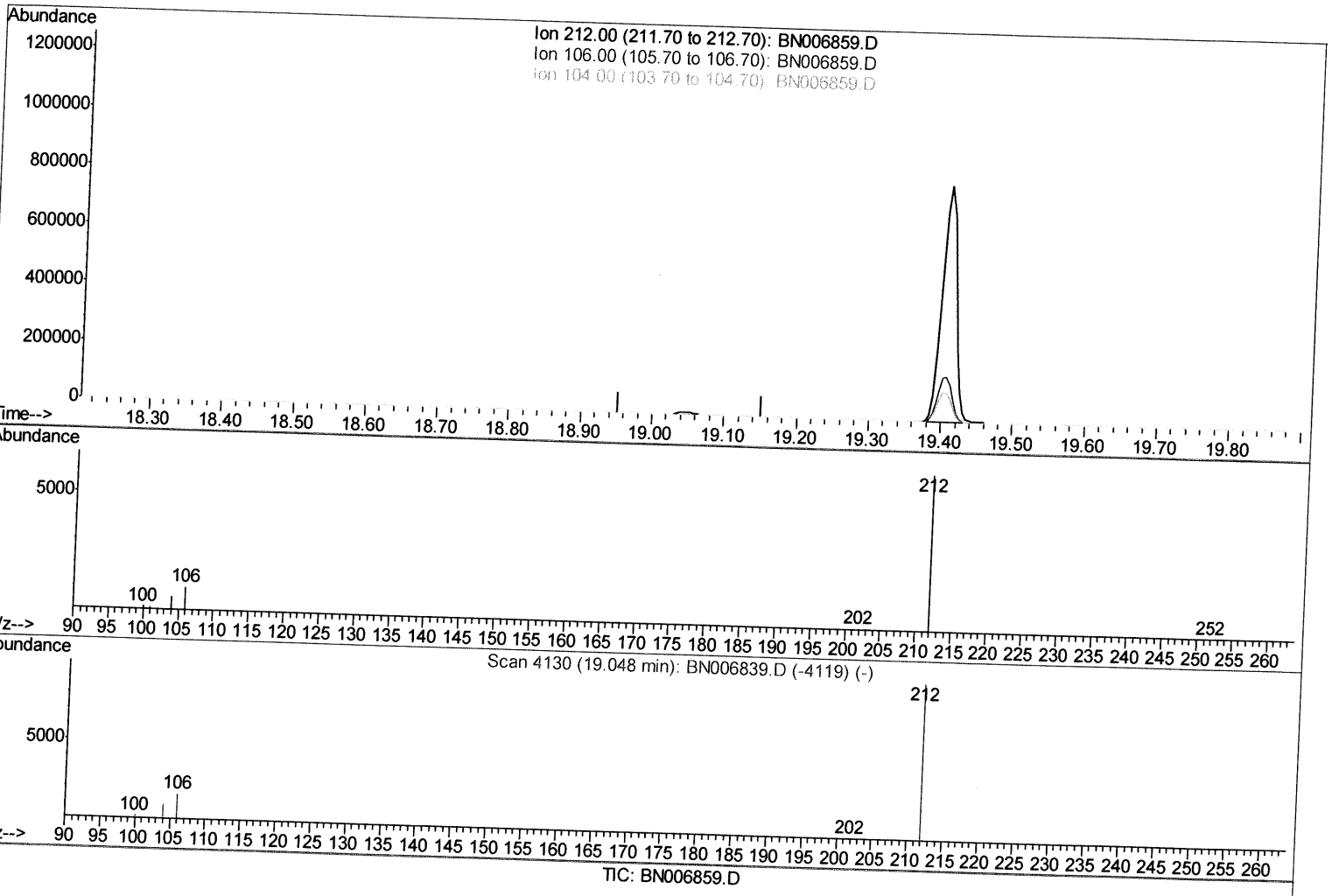
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:10:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52M8

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM



TIC: BN006859.D

(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

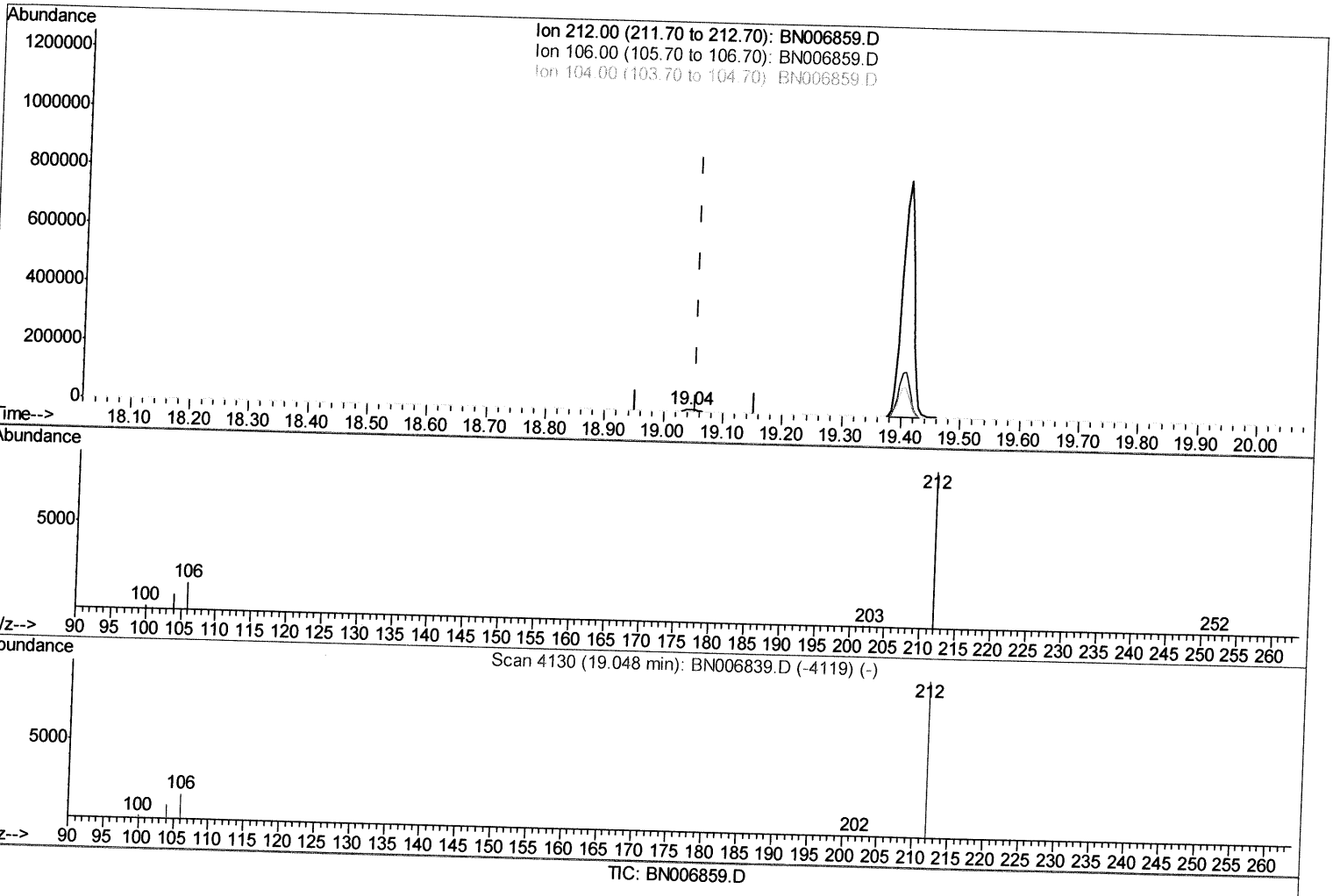
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:10:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52M8

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM



(14) Fluoranthene-d10 (SURR)

19.044min (-0.009) 0.33ng/ul m JU 07/17/19

response 12851

Ion	Exp%	Act%
212.00	100	100
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

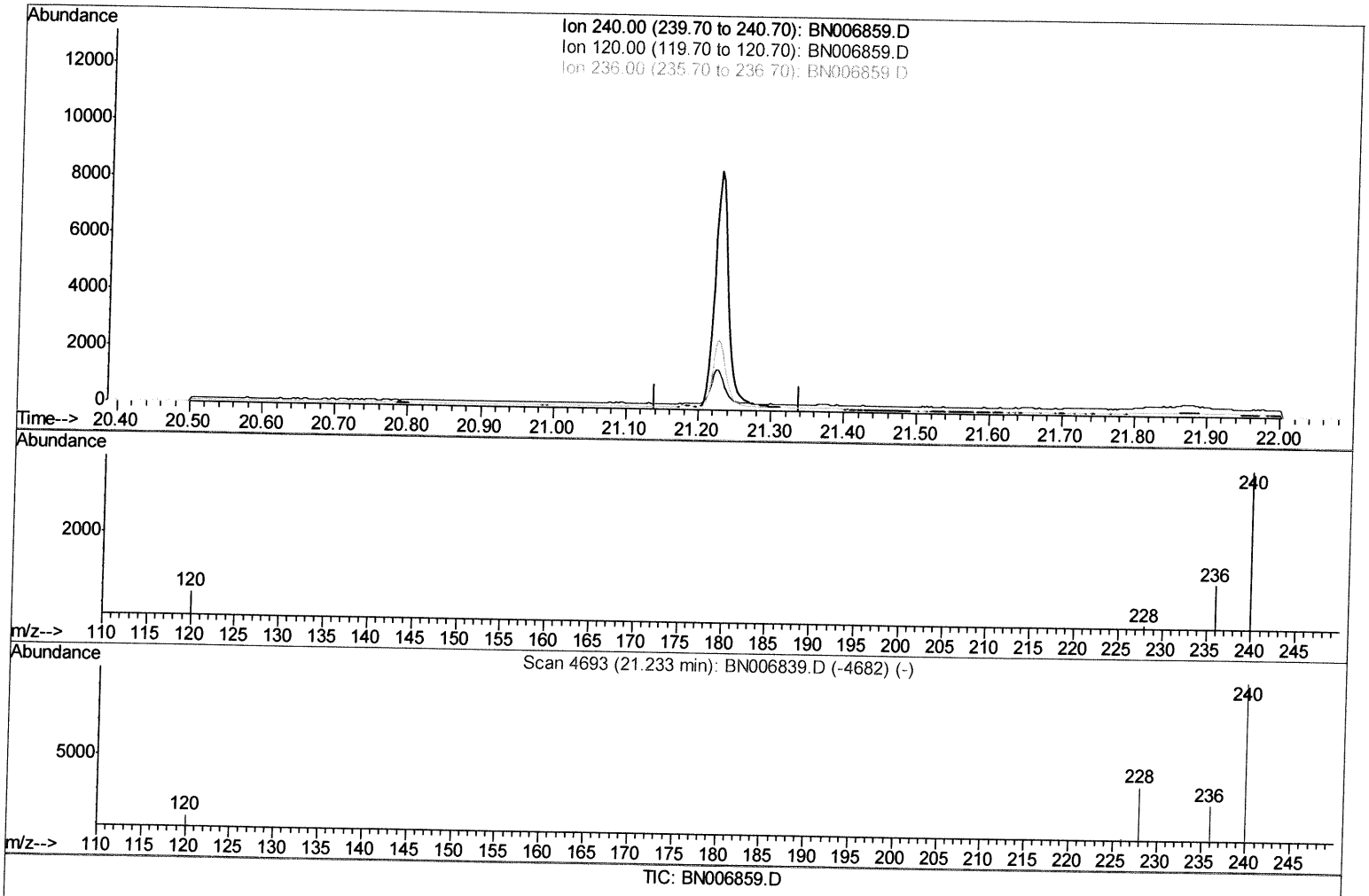
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:10:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52M8

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM



(16) Chrysene-d12 (I)

21.239min (-21.239) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.20	0.00#
236.00	30.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:10:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52M8

Manual Integrations APPROVED
mohammad
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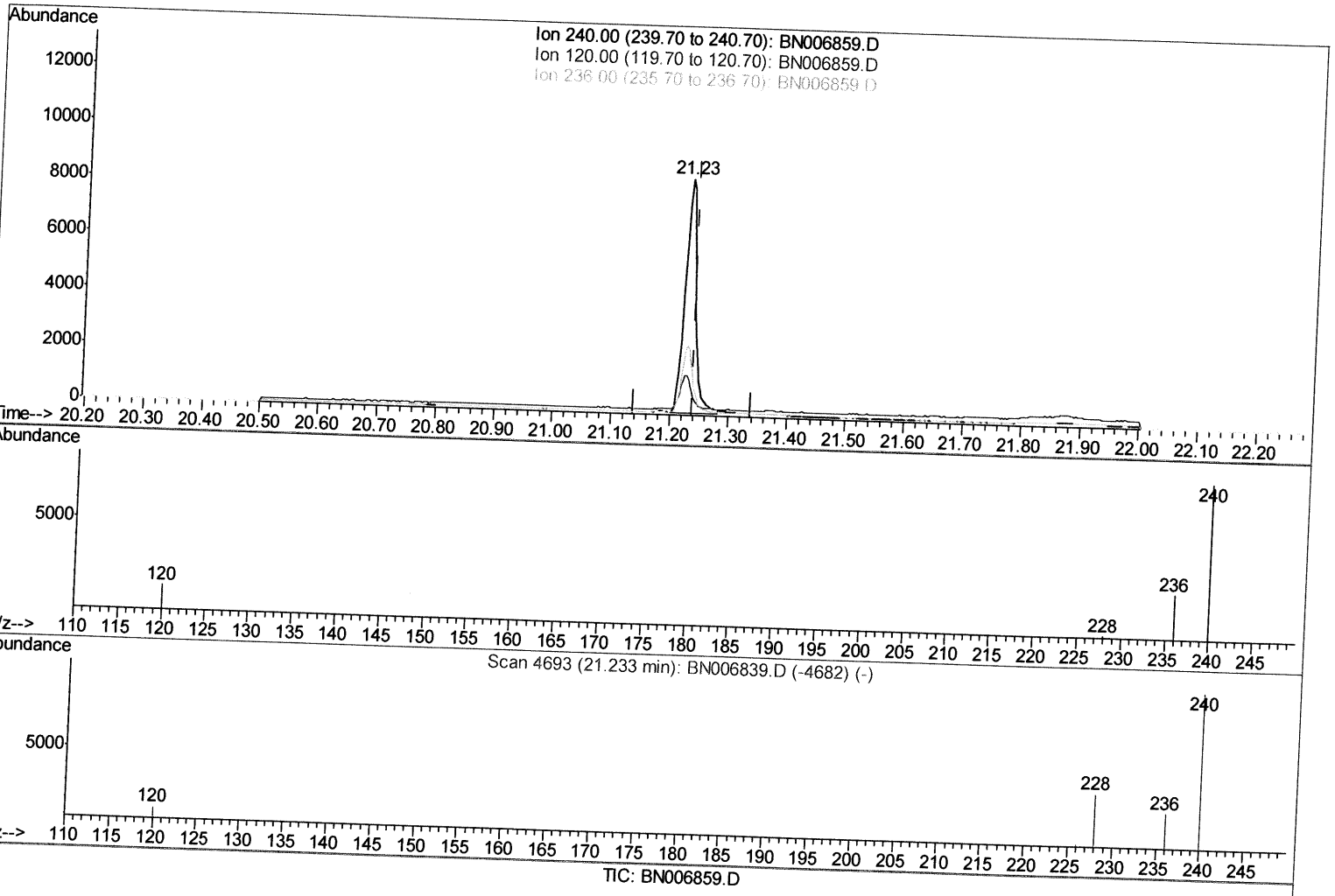


(16) Chrysene-d12 (I)

21.227min (-0.012) 0.40ng/ul m JU 07/17/19

response 11227

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.85
236.00	30.00	29.69
0.00	0.00	0.00

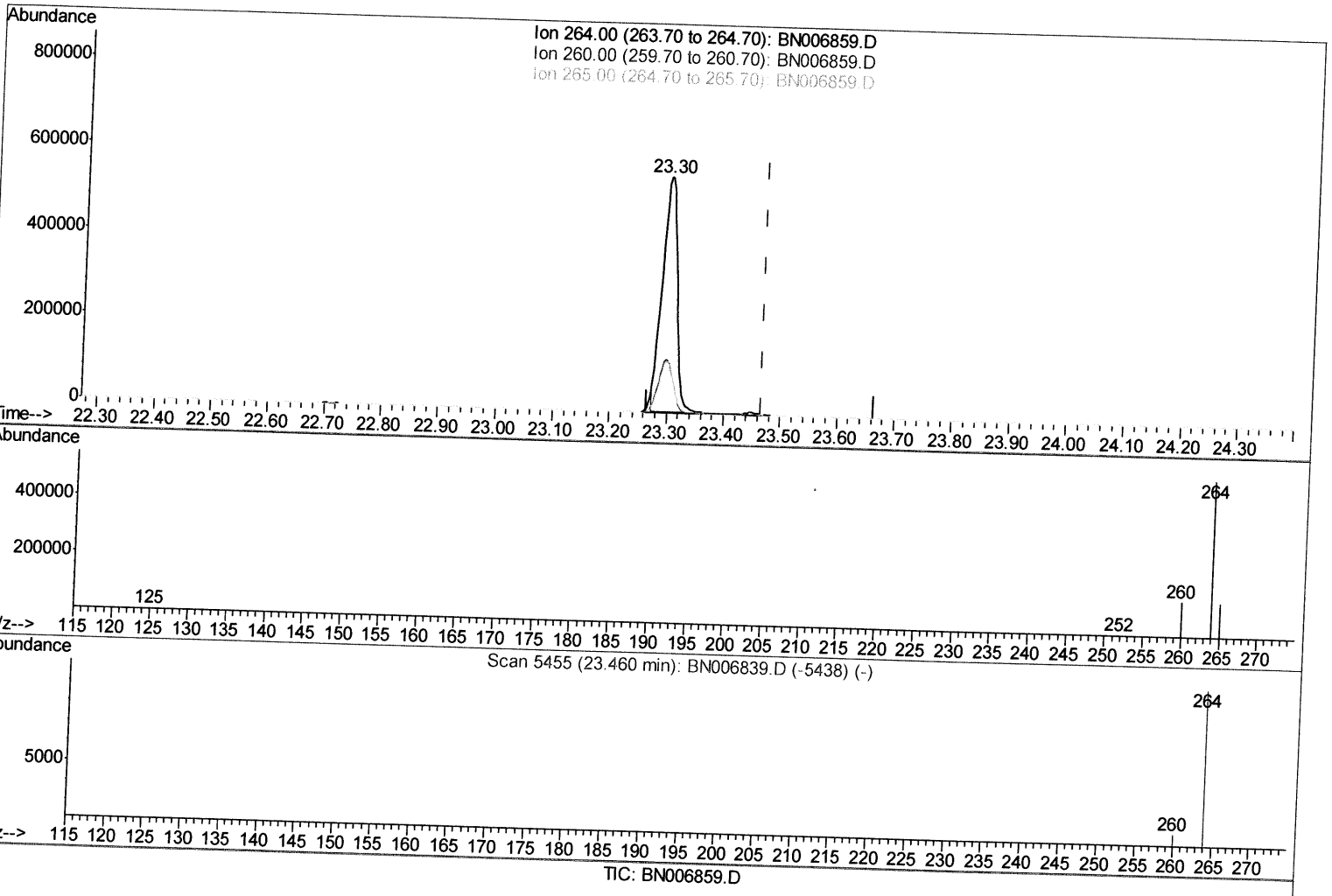
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:11:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52M8

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM



TIC: BN006859.D

(20) Perylene-d12 (I)

23.297min (-0.169) 0.40ng/ul

response 993778

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.55
265.00	36.10	21.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:11:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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QLast Update : Fri Jul 12 06:39:20 2019
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BNA_N
ClientSampleId :
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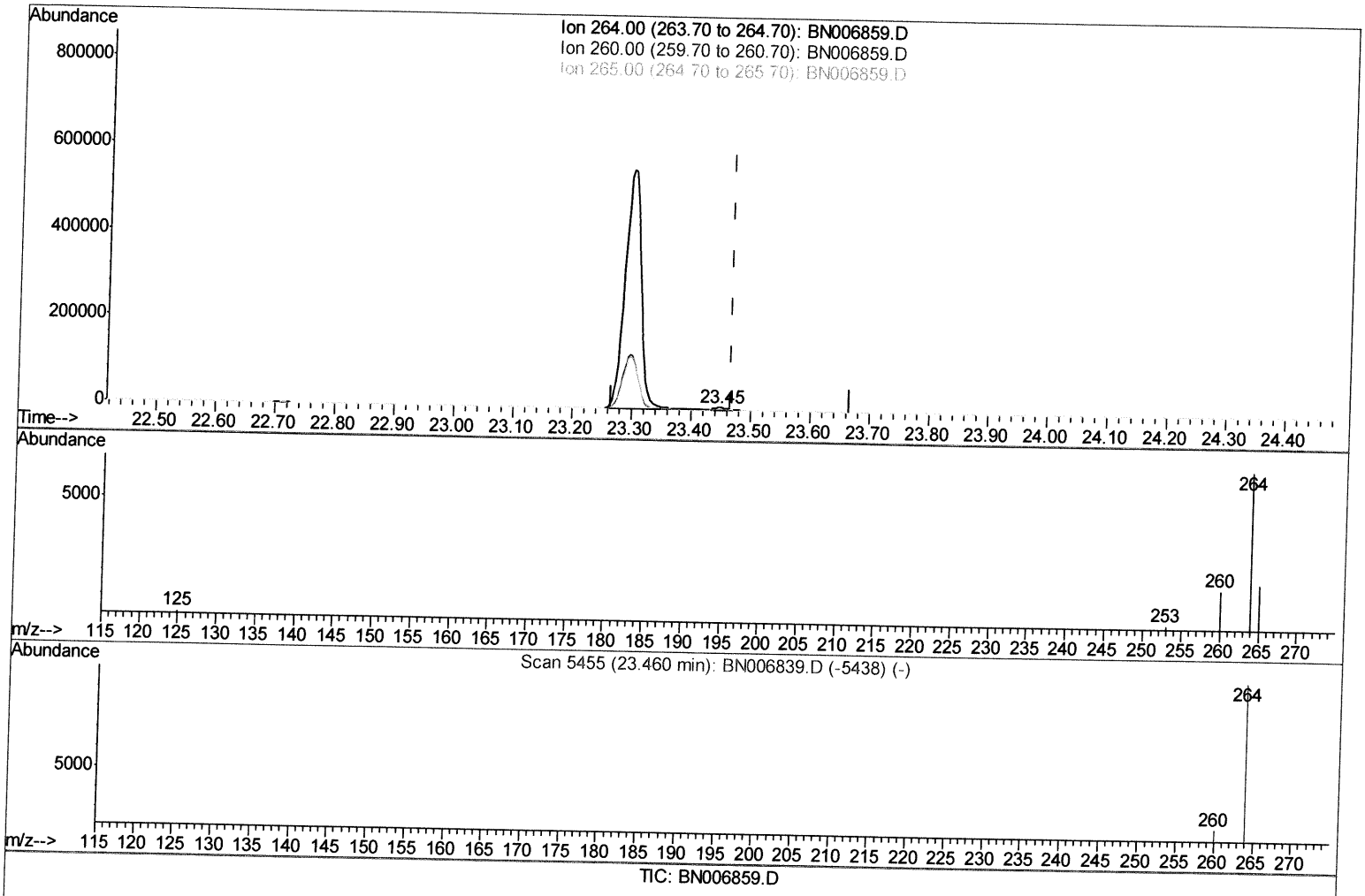
Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM



(20) Perylene-d12 (I)

23.449min (-0.017) 0.40ng/ul m JU 07/17/19

response 10173

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.96
265.00	36.10	30.82
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006859.D
Acq On : 16 Jul 2019 10:45
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 14:12:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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QLast Update : Fri Jul 12 06:39:20 2019
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ClientSampleId : A52M8

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3119	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	11229	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5774	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13407m >	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	11227m>	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	10173m>	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4355	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	12851m >	0.33	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.04	178	6241	0.145	ng/ul	97

JU 07/17/19

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