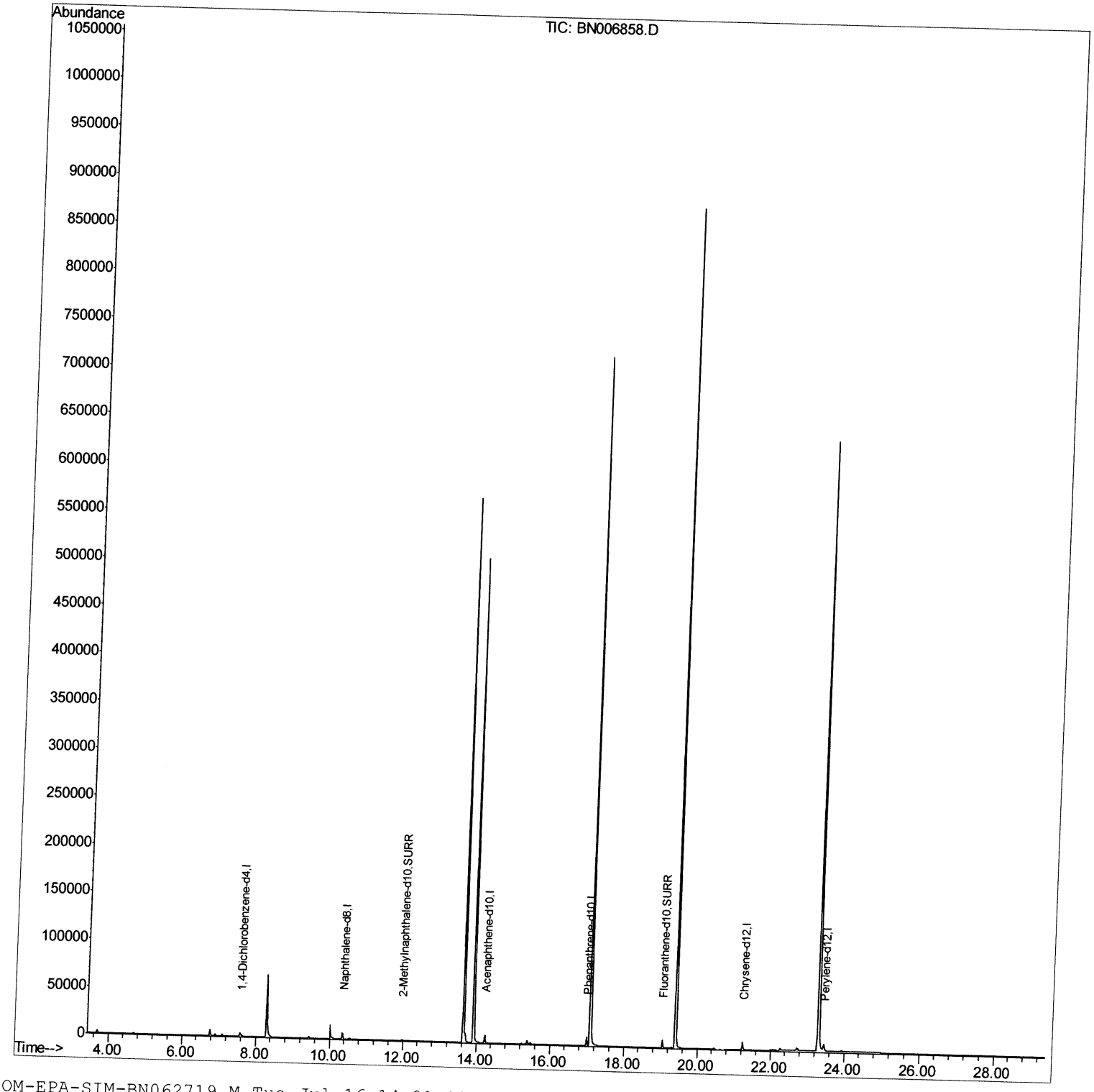
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:09:21 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 :
A52M4

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:45 AM



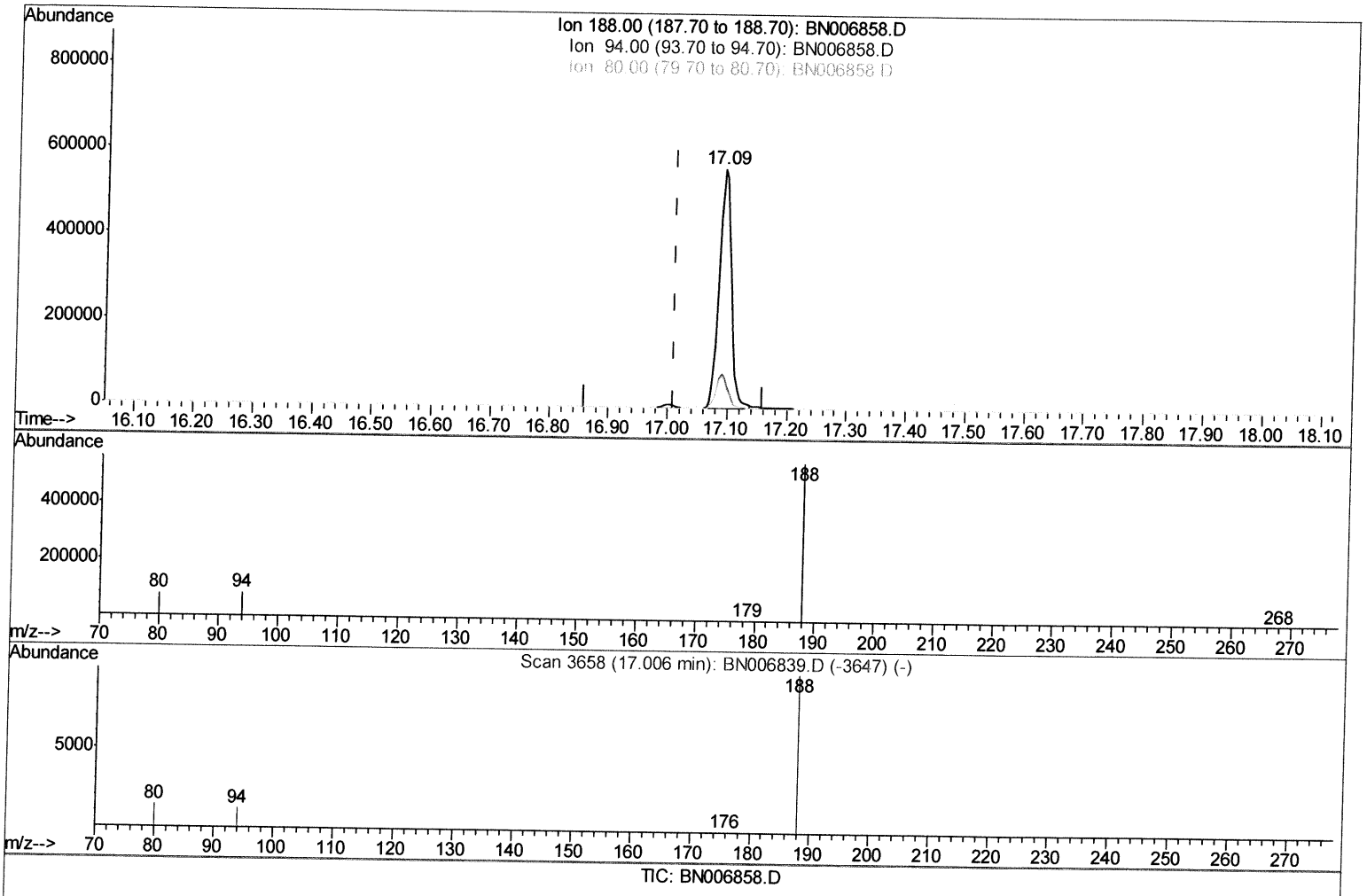
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:06:59 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 :
A52M4

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:45 AM



(10) Phenanthrene-d10 (I)

17.090min (+0.080) 0.40ng/ul

response 790667

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.45
80.00	14.80	13.78
0.00	0.00	0.00

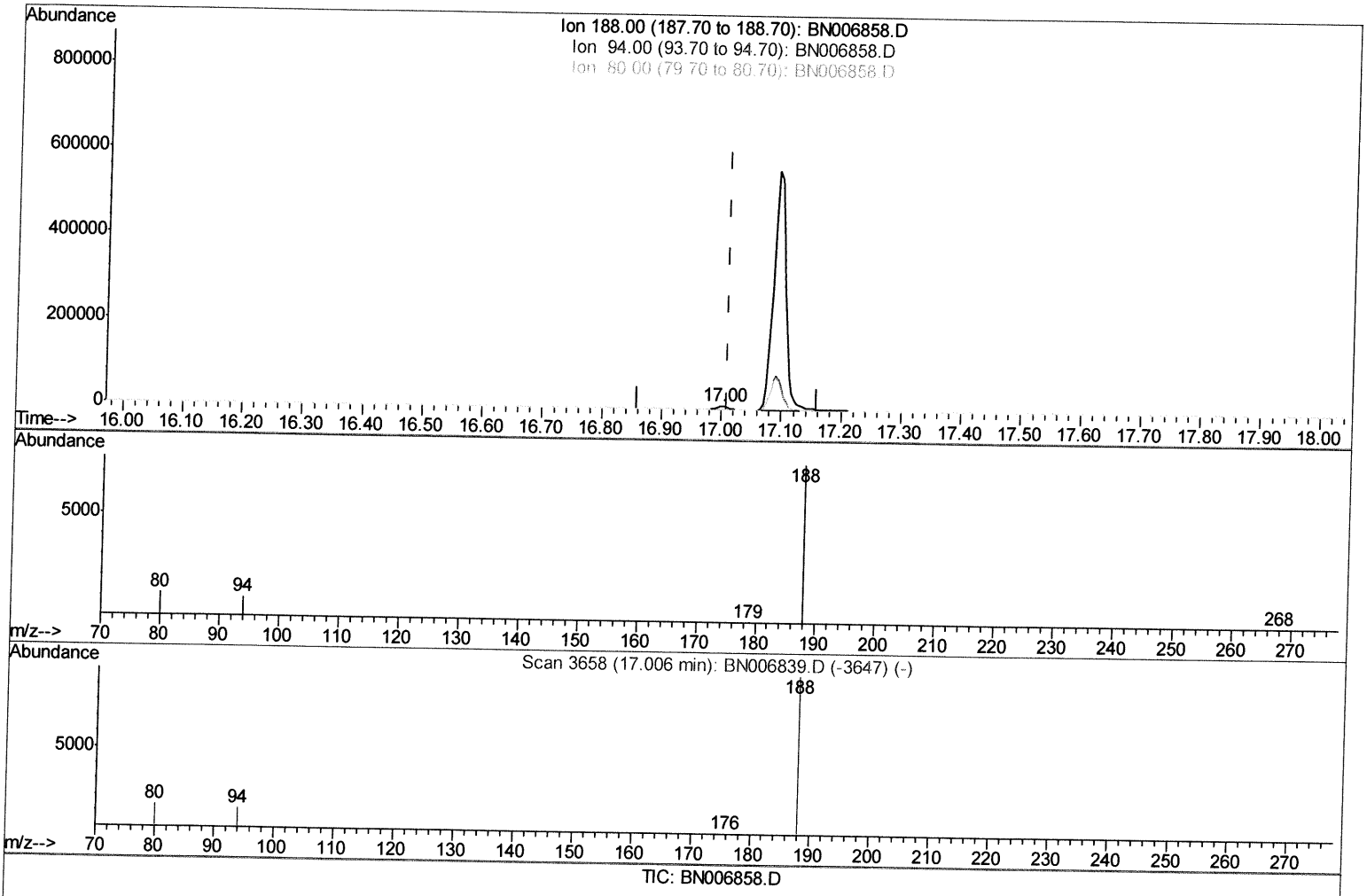
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:06:59 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 :
A52M4

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:45 AM



(10) Phenanthrene-d10 (I)

17.002min (-0.008) 0.40ng/ul m JU 07/17/19

response 11024

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.45
80.00	14.80	14.61
0.00	0.00	0.00

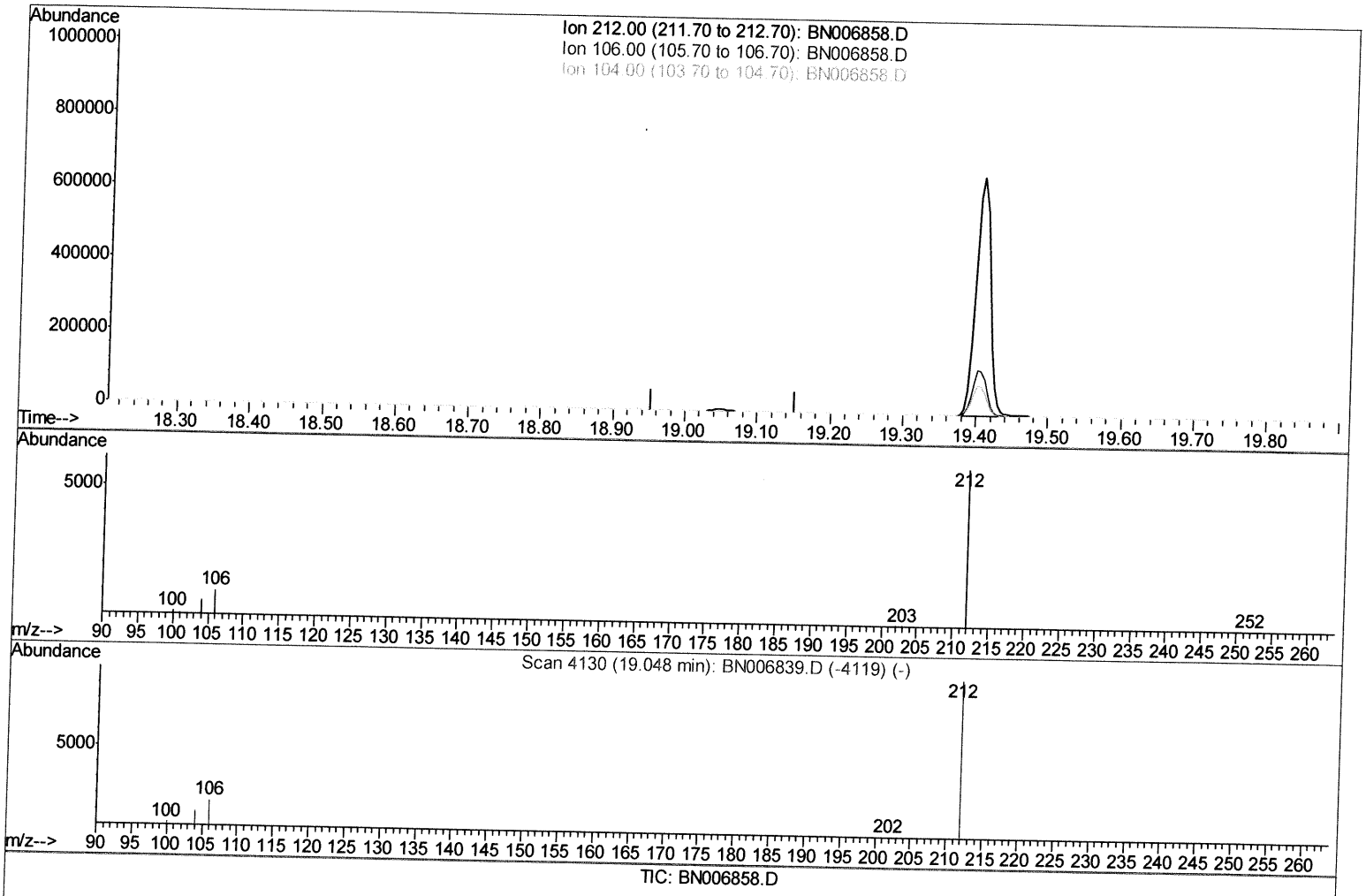
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:07:32 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 :
A52M4

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:45 AM



TIC: BN006858.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 : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:07:32 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 :
A52M4

Manual Integrations APPROVED
mohammad
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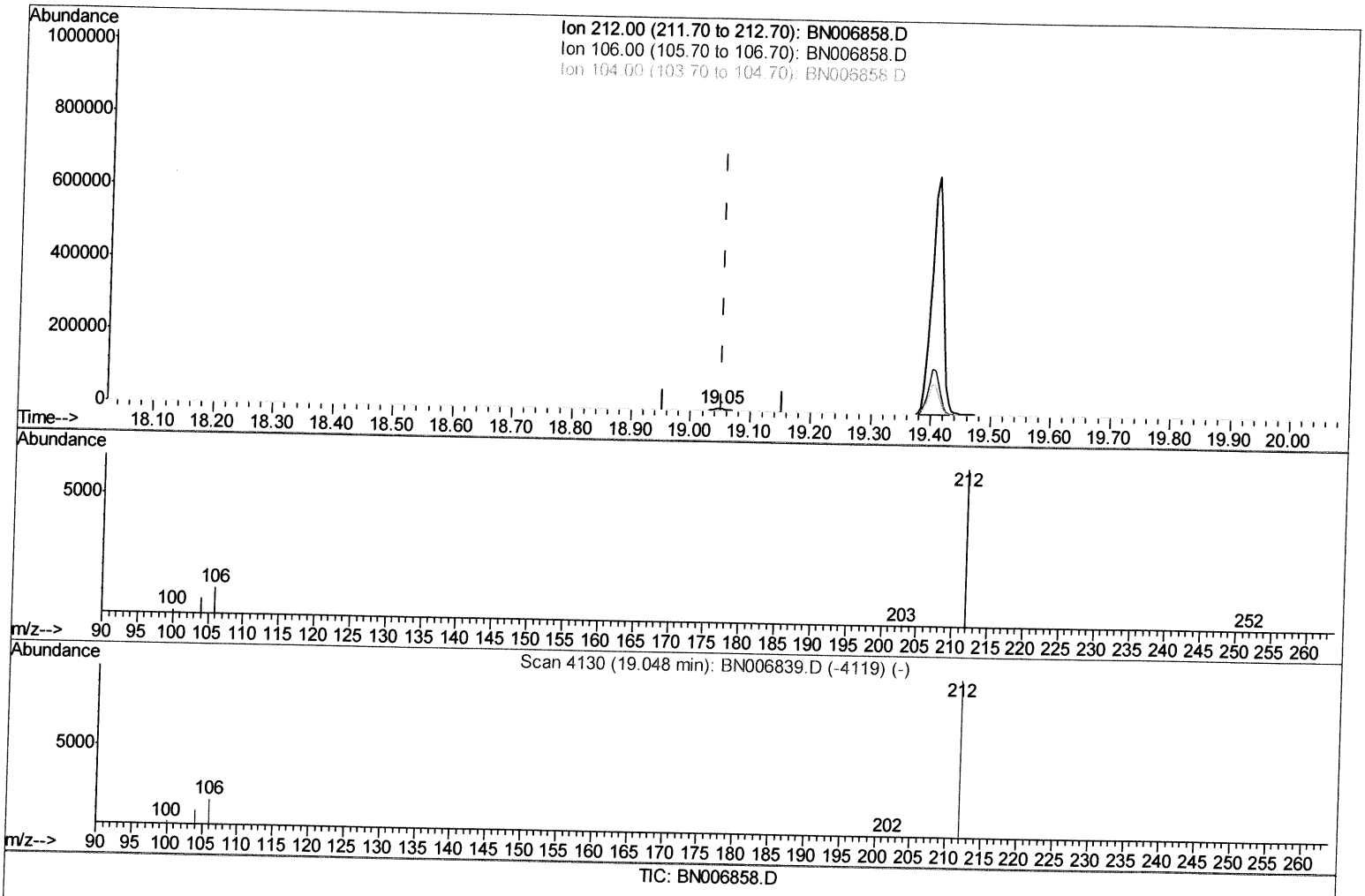


TIC: BN006858.D

(14) Fluoranthene-d10 (SURR) JU 07/17/19

19.048min (-0.005) 0.31ng/ul m

response 9849

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

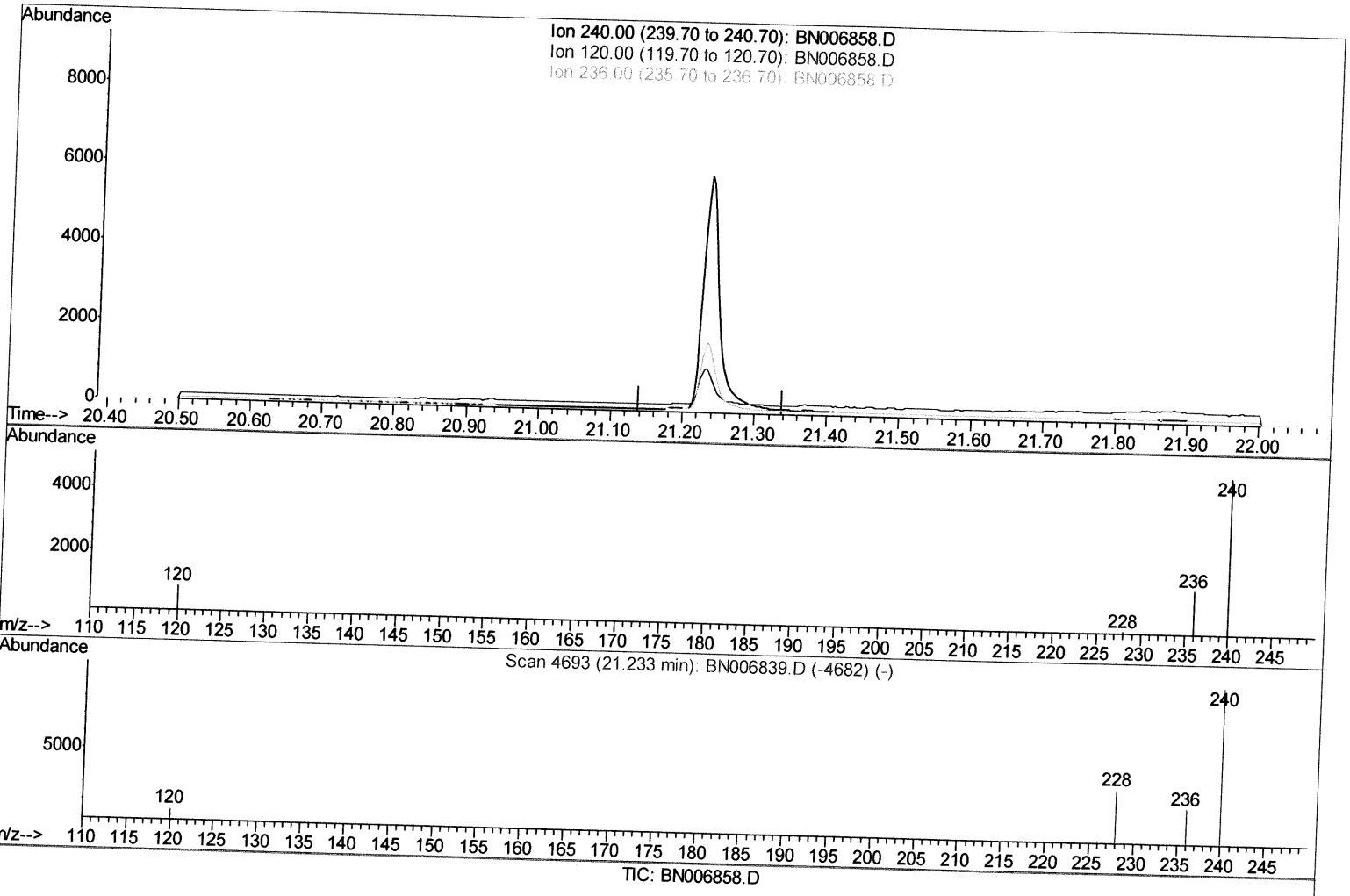
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:07:32 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 :
A52M4

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:45 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 : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:07:32 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 :
A52M4

Manual Integrations APPROVED
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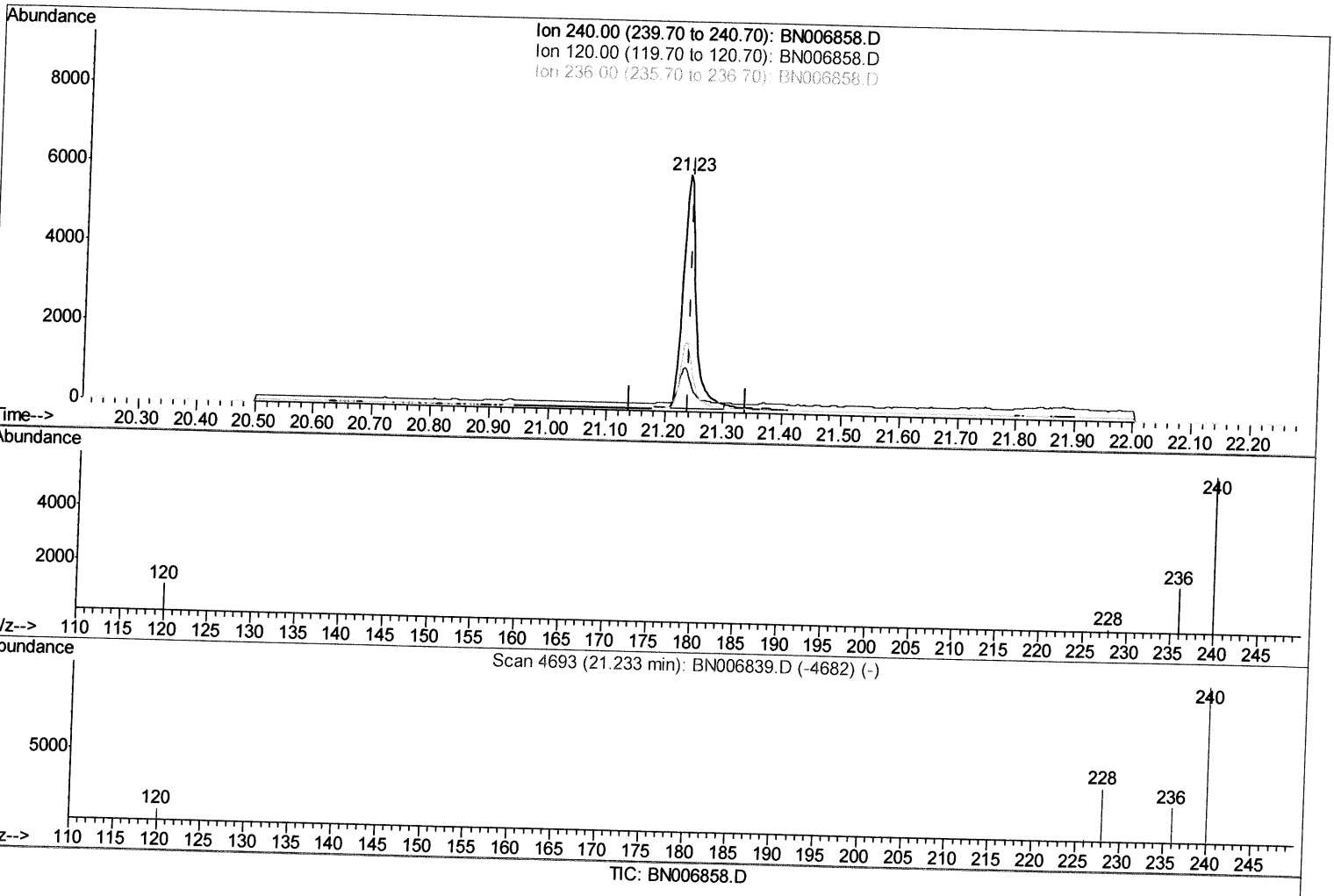

TIC: BN006858.D

(16) Chrysene-d12 (I)

21.233min (-0.006) 0.40ng/ul m JU 07/17/19

response 9134

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	18.48
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 : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:08:24 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 :
A52M4

Manual Integrations APPROVED
mohammad
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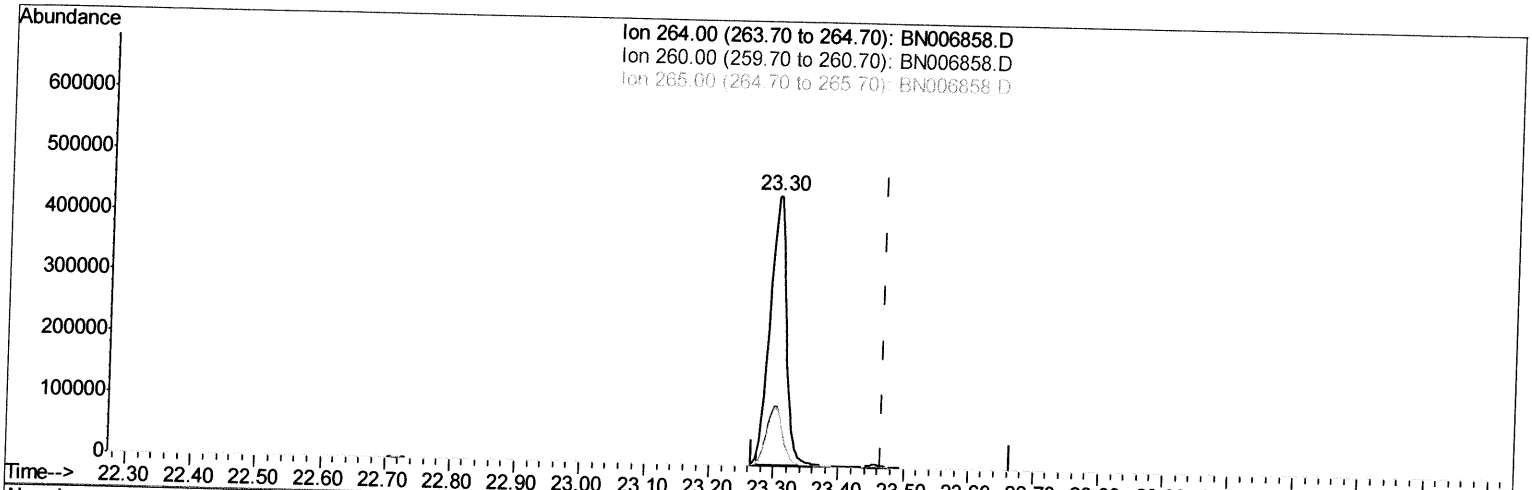

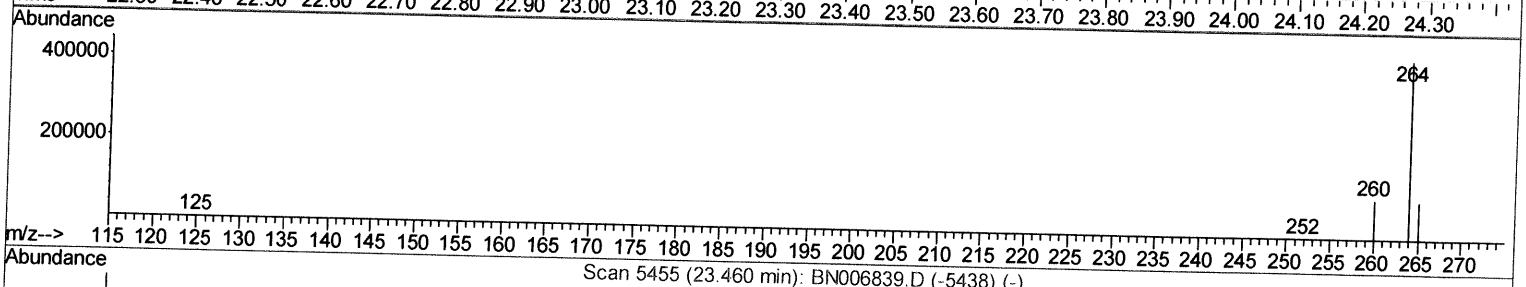

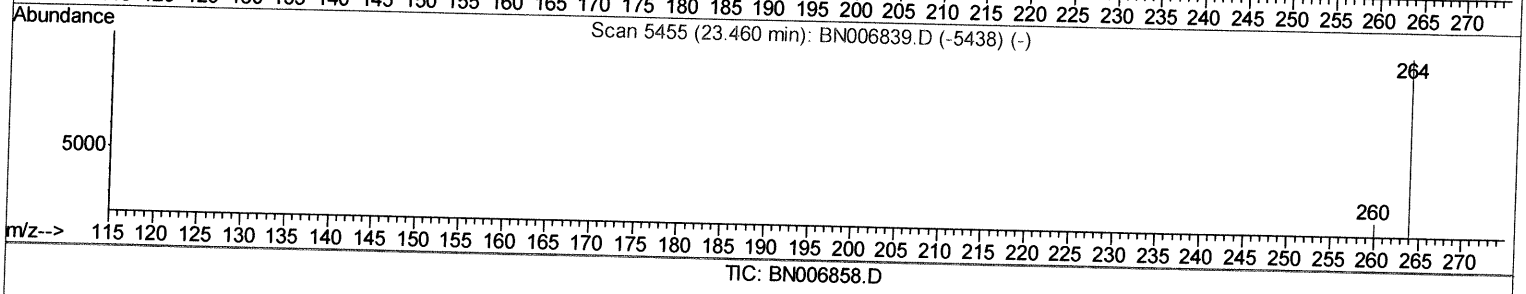

TIC: BN006858.D

(20) Perylene-d12 (I)

23.302min (-0.164) 0.40ng/ul

response 776673

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.28
265.00	36.10	21.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:08:24 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 :
A52M4

Manual Integrations APPROVED
mohammad
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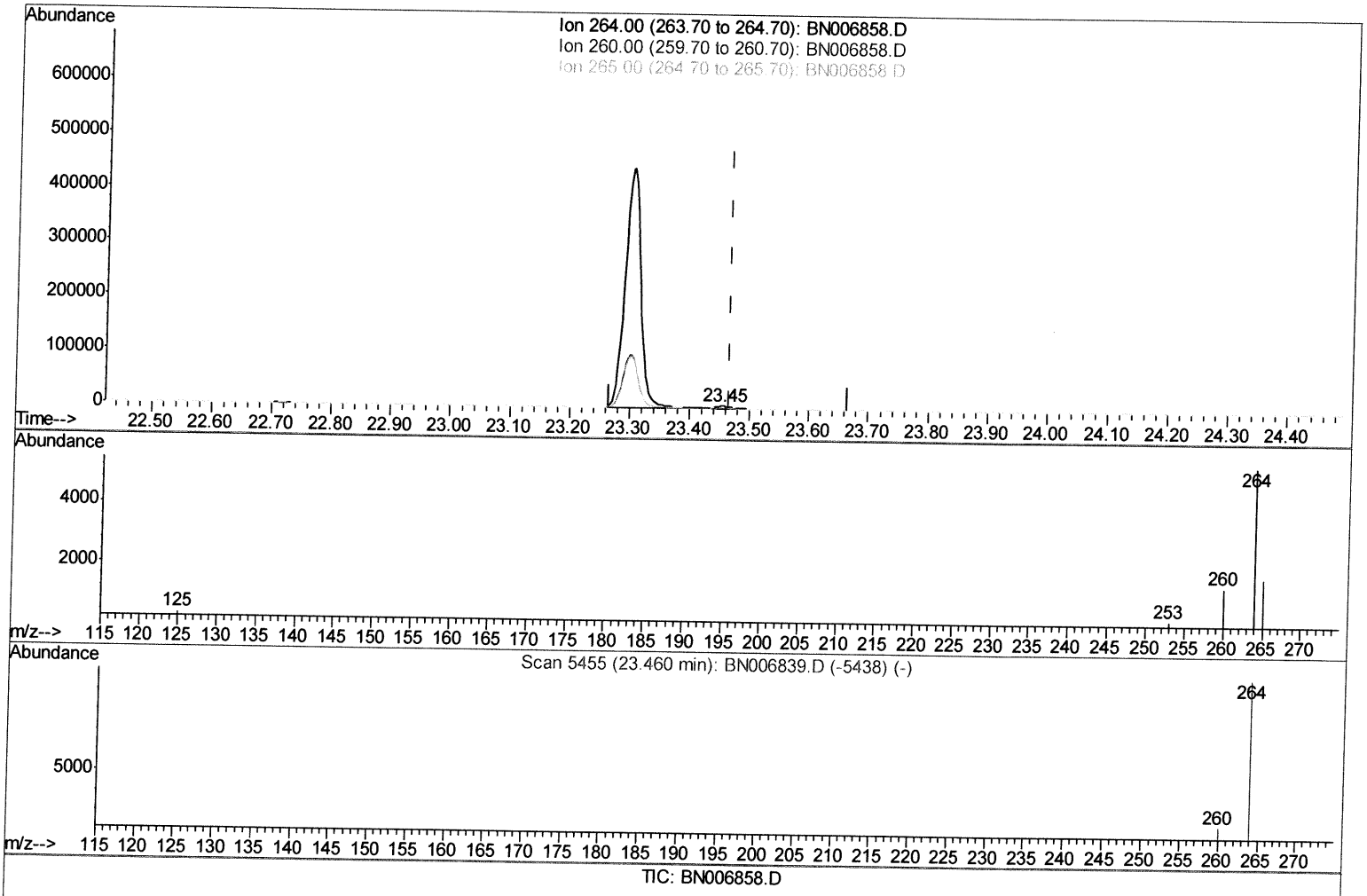

(20) Perylene-d12 (I)

23.454min (-0.012) 0.40ng/ul m JU 07/17/19

response 7781

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.64
265.00	36.10	32.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006858.D
Acq On : 16 Jul 2019 10:10
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 14:09:21 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 :
A52M4

Manual Integrations APPROVED
mohammad
7/17/2019 7:41:45 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2725	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9852	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5058	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11024m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	9134m>	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7781m>	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3637	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	9849m >	0.31	ng/ul	0.00

Target Compounds Qvalue

JU 07/17/19

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