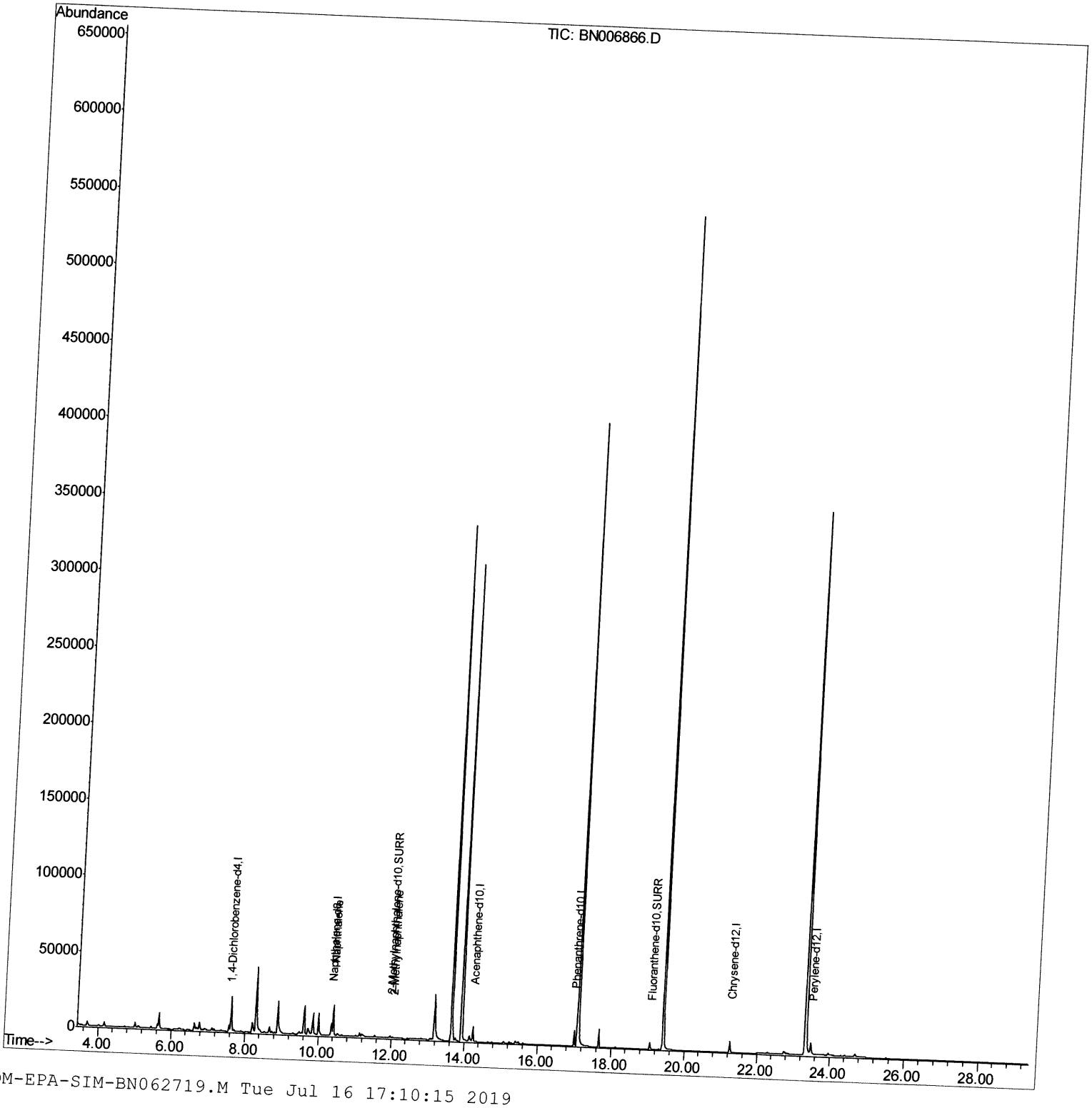
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:18:02 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 :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 AM



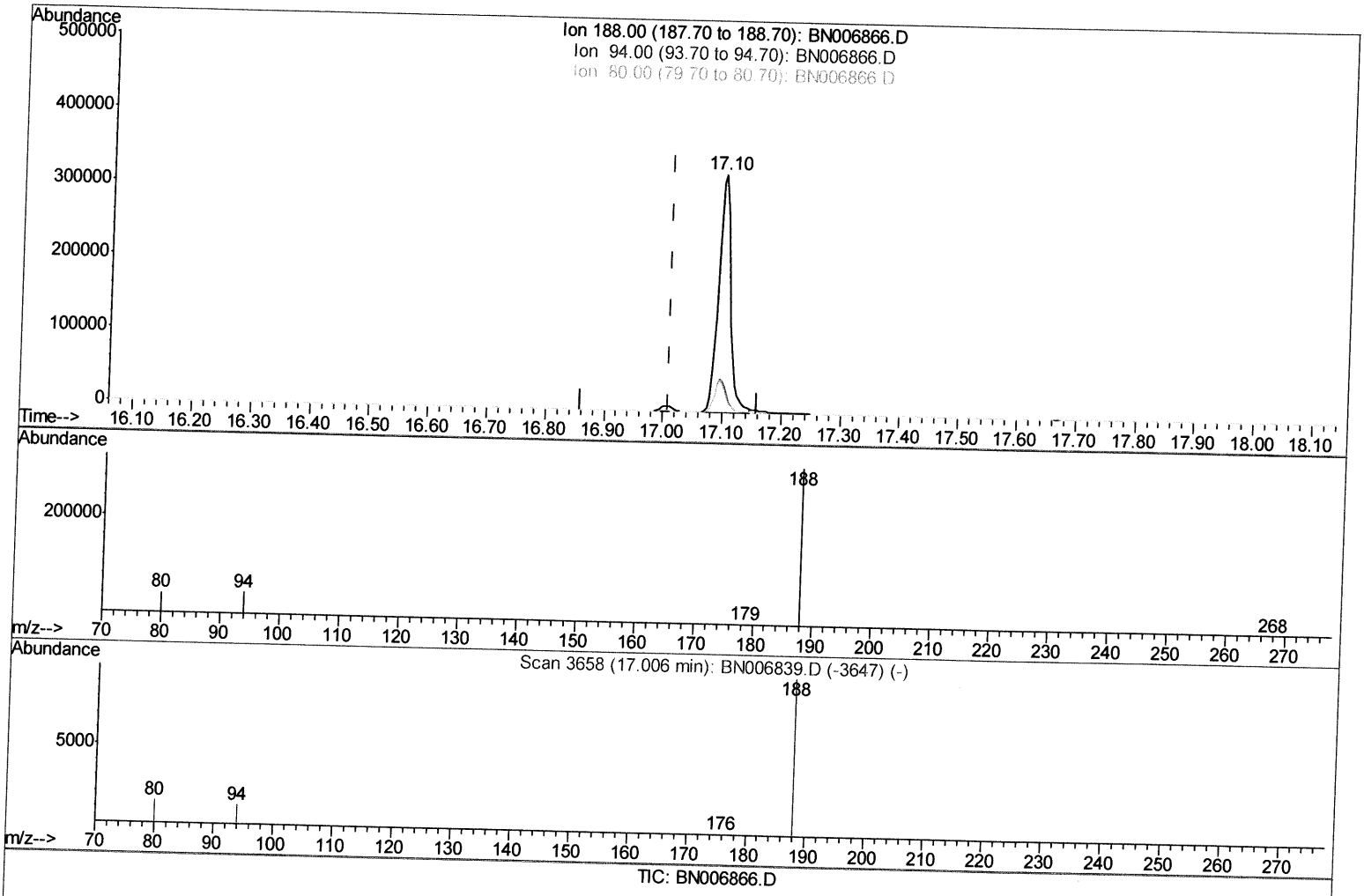
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:15:06 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 :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 AM



(10) Phenanthrene-d10 (I)

17.099min (+0.089) 0.40ng/ul

response 464492

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.46
80.00	14.80	12.70
0.00	0.00	0.00

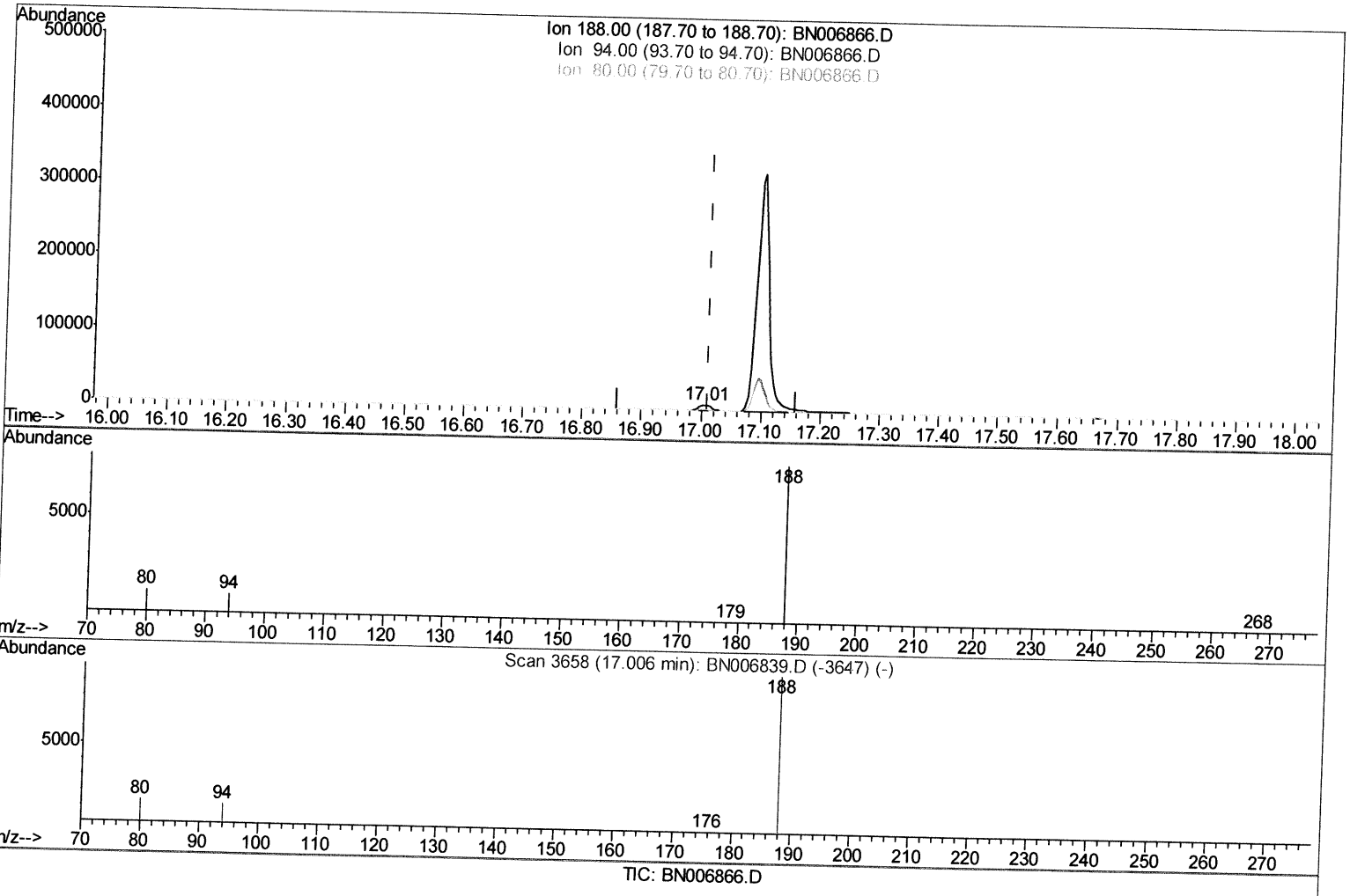
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:15:06 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 :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 AM



(10) Phenanthrene-d10 (I)

17.006min (-0.004) 0.40ng/ul m JU 07/17/19

response 11889

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.39
80.00	14.80	14.21
0.00	0.00	0.00

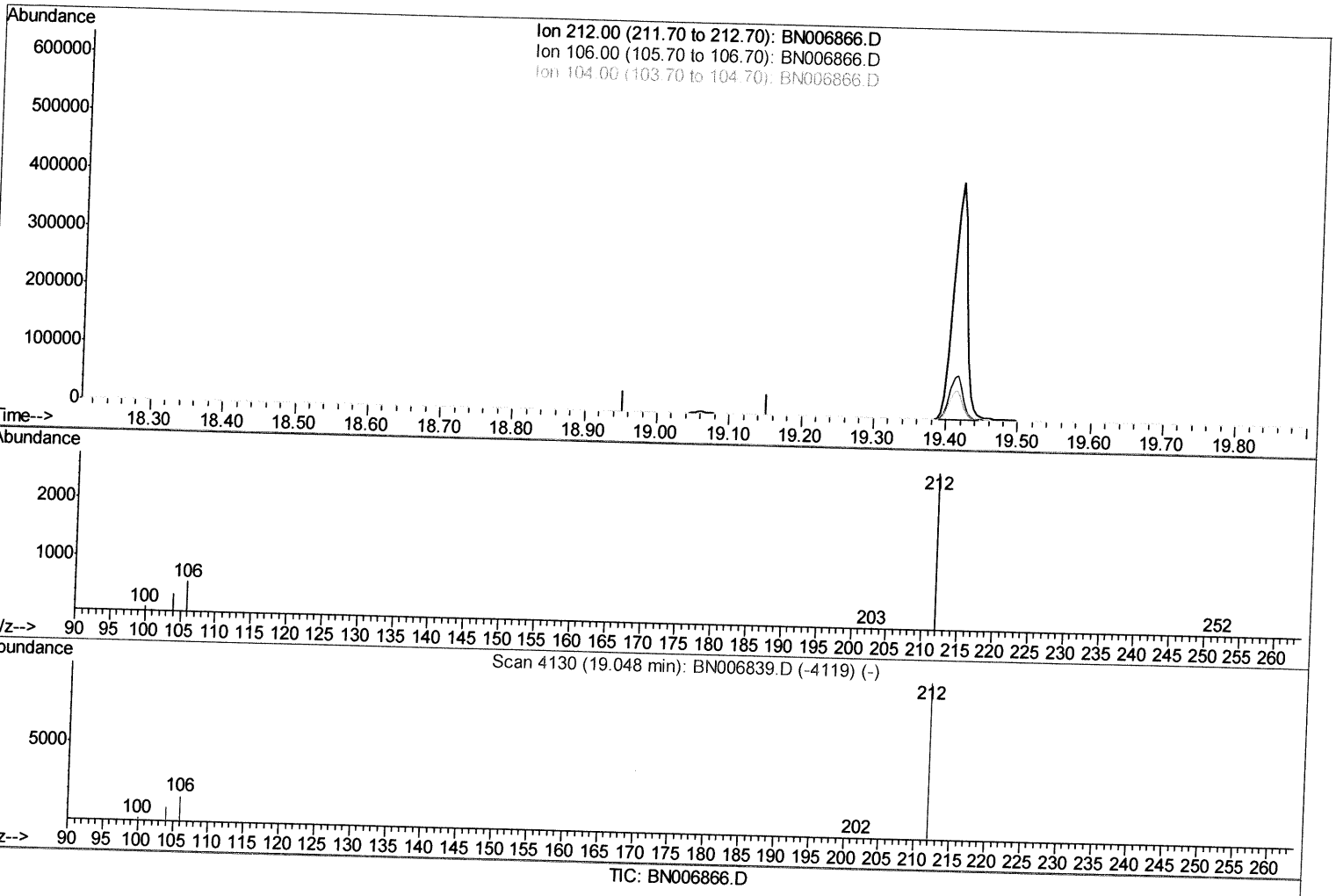
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:16:12 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 :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 AM



(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

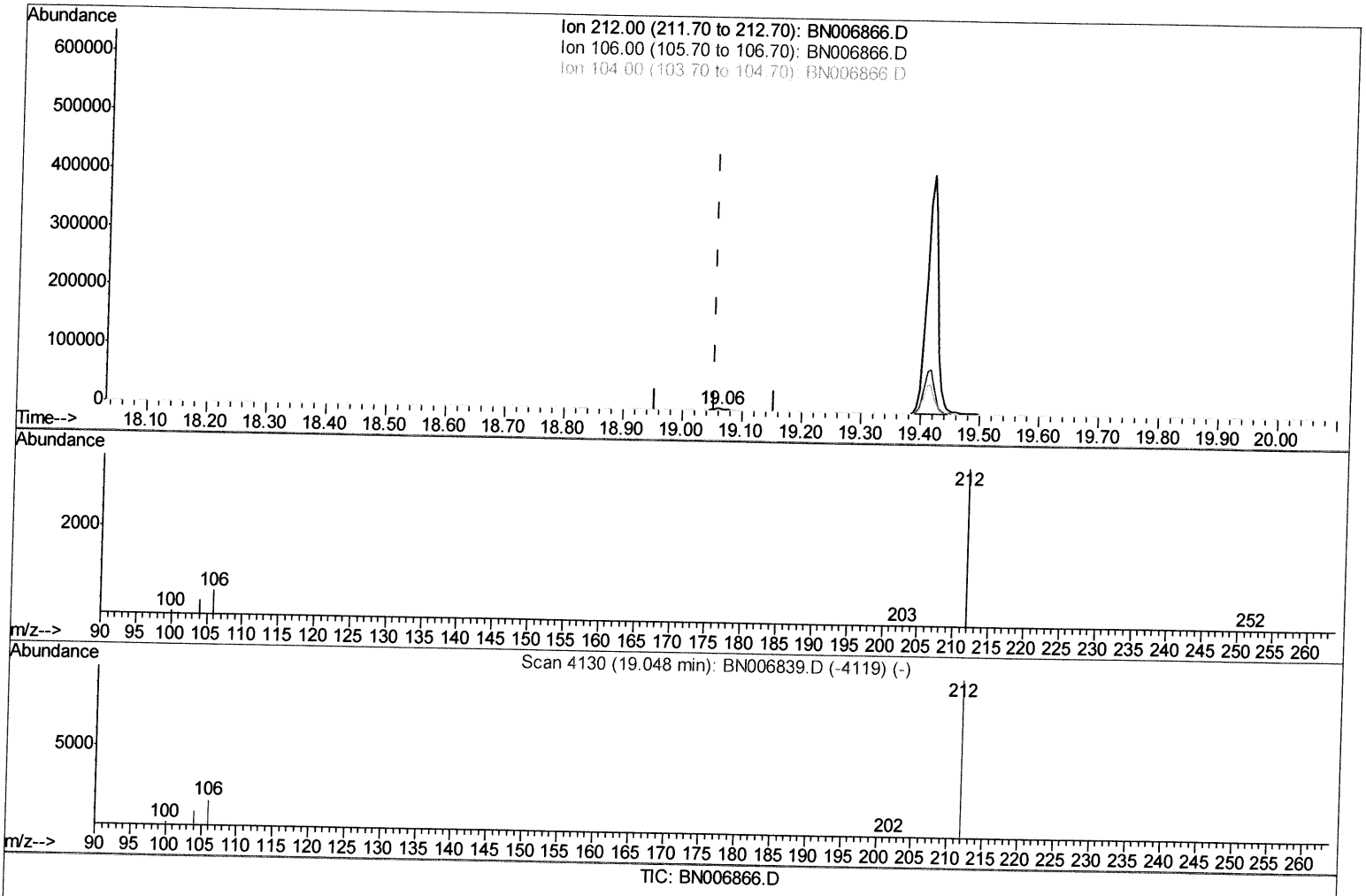
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:16:12 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 :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 AM



TIC: BN006866.D

(14) Fluoranthene-d10 (SURR)

19.062min (+0.009) 0.17ng/ul m JO 7/17/19

response 5849

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

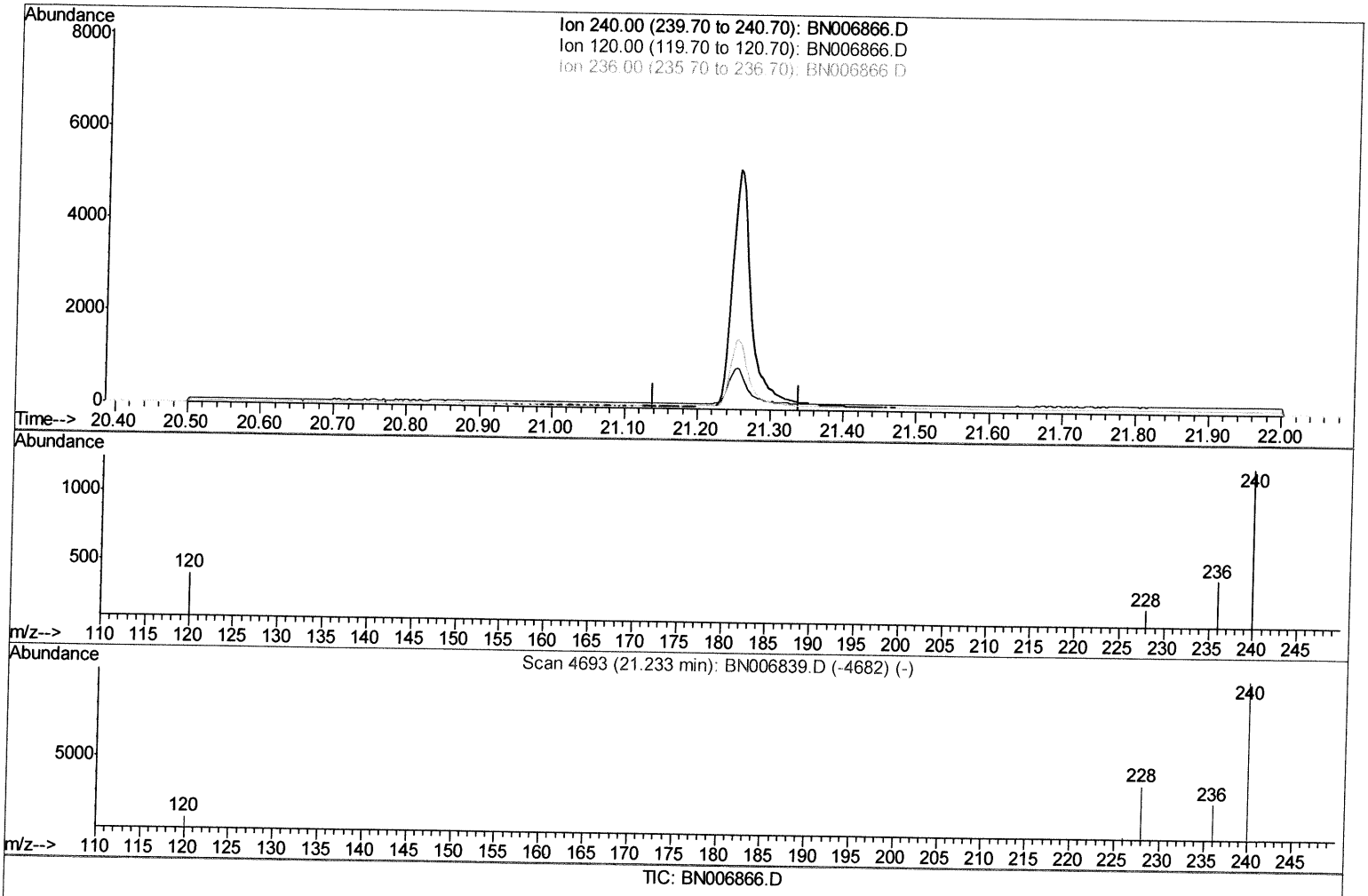
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:16:12 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 :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 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

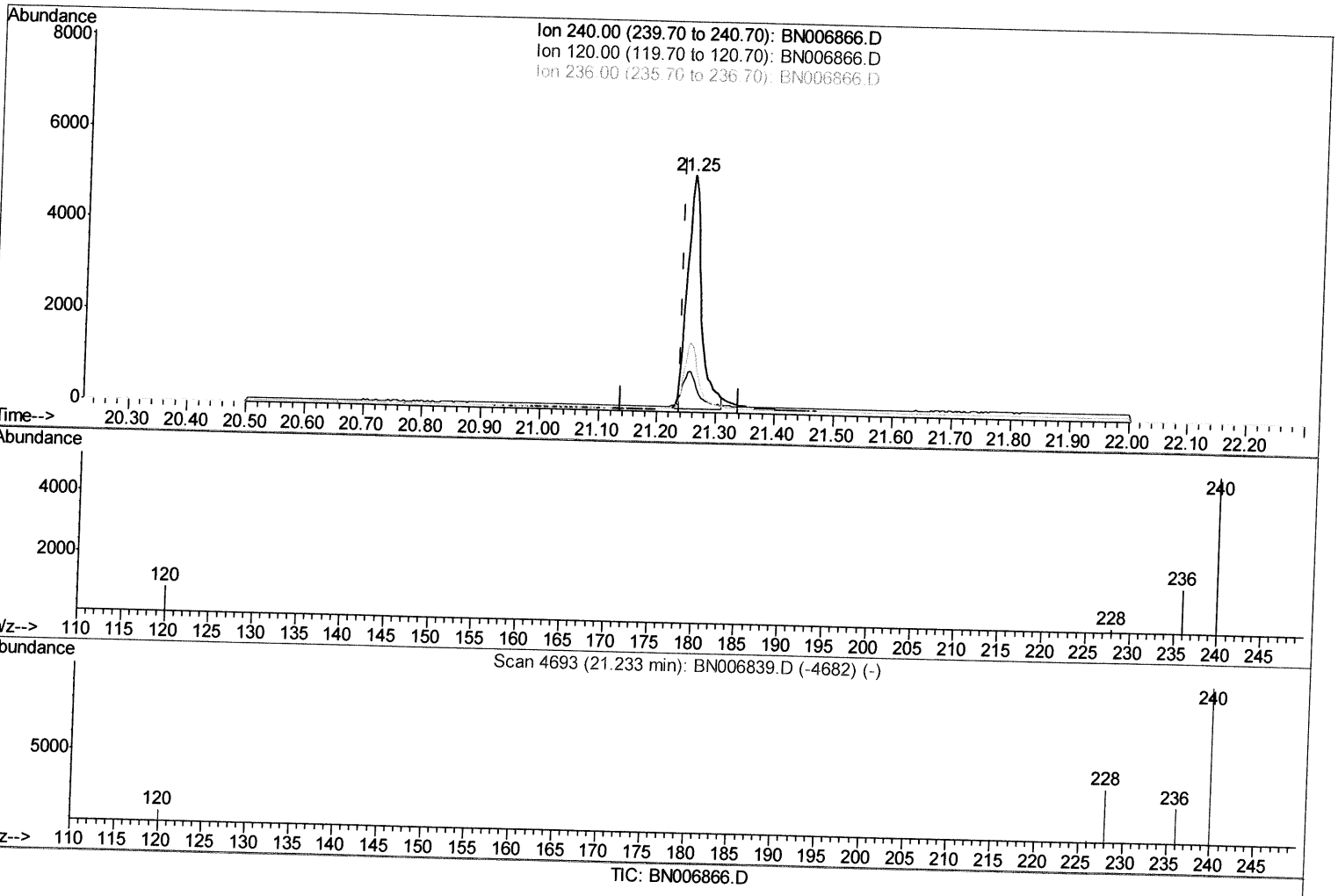
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:16:12 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 :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 AM



(16) Chrysene-d12 (I)

21.254min (+0.015) 0.40ng/ul m JU 07/17/19

response 8884

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	17.37
236.00	30.00	29.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:17:10 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 :
A52S3DL

Manual Integrations APPROVED
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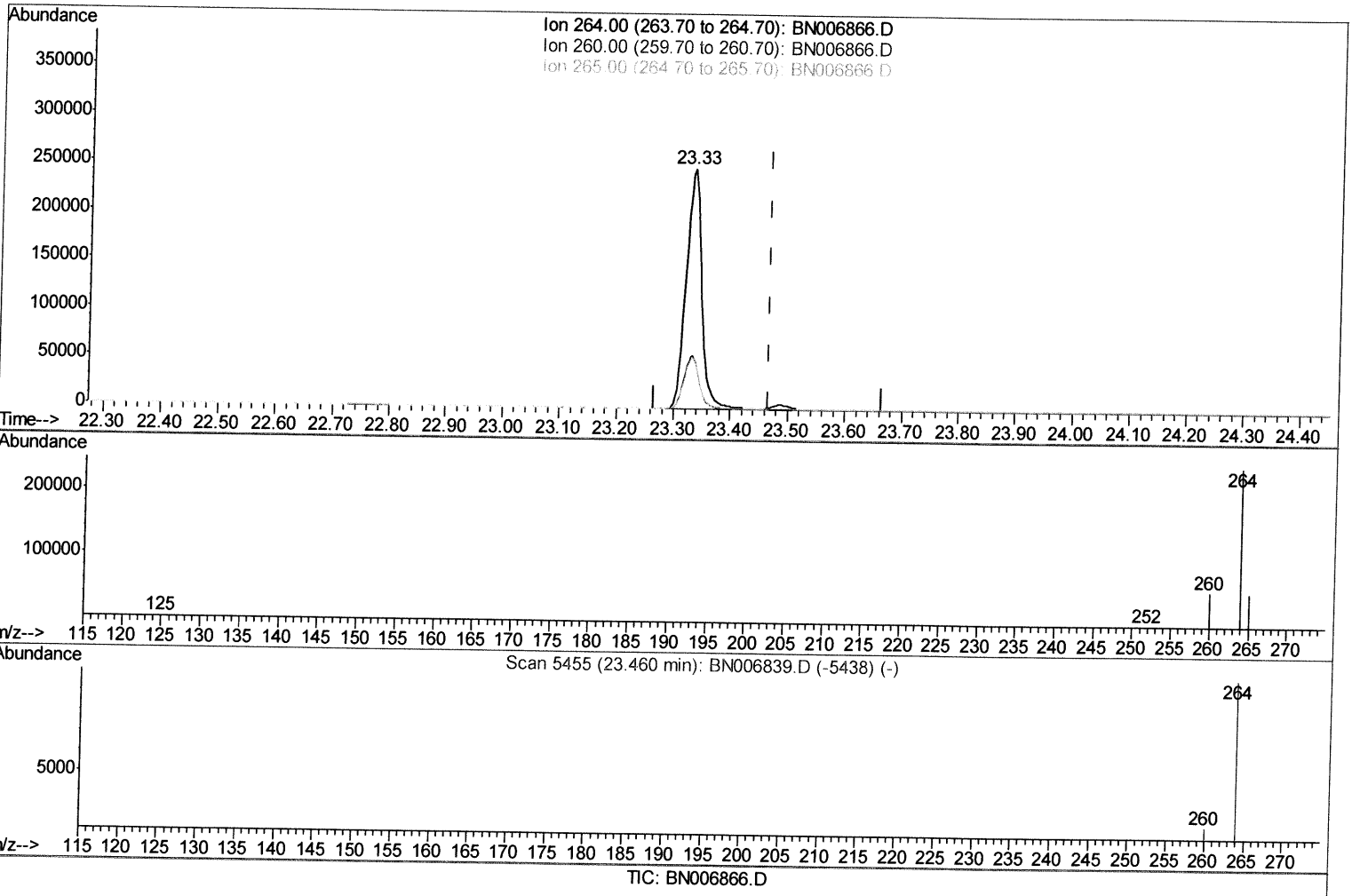


TIC: BN006866.D

(20) Perylene-d12 (I)

23.332min (-0.134) 0.40ng/ul

response 474103

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.07#
265.00	36.10	21.15#
0.00	0.00	0.00

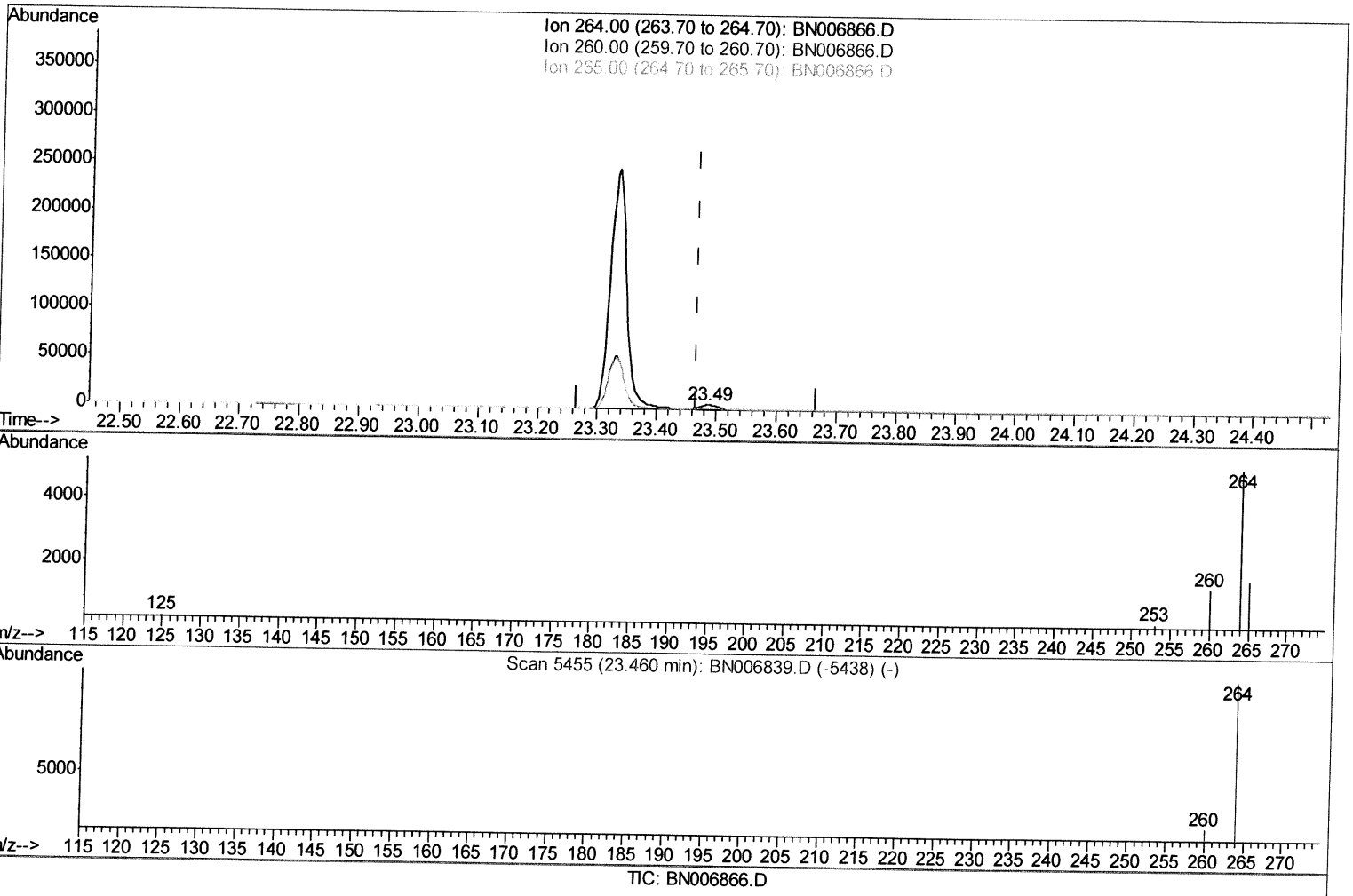
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 17:17:10 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 :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 AM



(20) Perylene-d12 (I)

23.487min (+0.021) 0.40ng/ul m JU 07/17/19

response 8647

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	27.08
265.00	36.10	32.54
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006866.D
Acq On : 16 Jul 2019 16:42
Operator : HP/JU
Sample : K3764-08DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
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Instrument :
BNA_N
ClientSampleId :
A52S3DL

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	10135	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	5367	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	11889m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	8884m >	0.40	ng/ul	0.01
20) Perylene-d12	23.49	264	8647m >	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2497	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5849m>	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	25389	0.873	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	689	0.035	ng/ul	100

JU 07/17/19

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