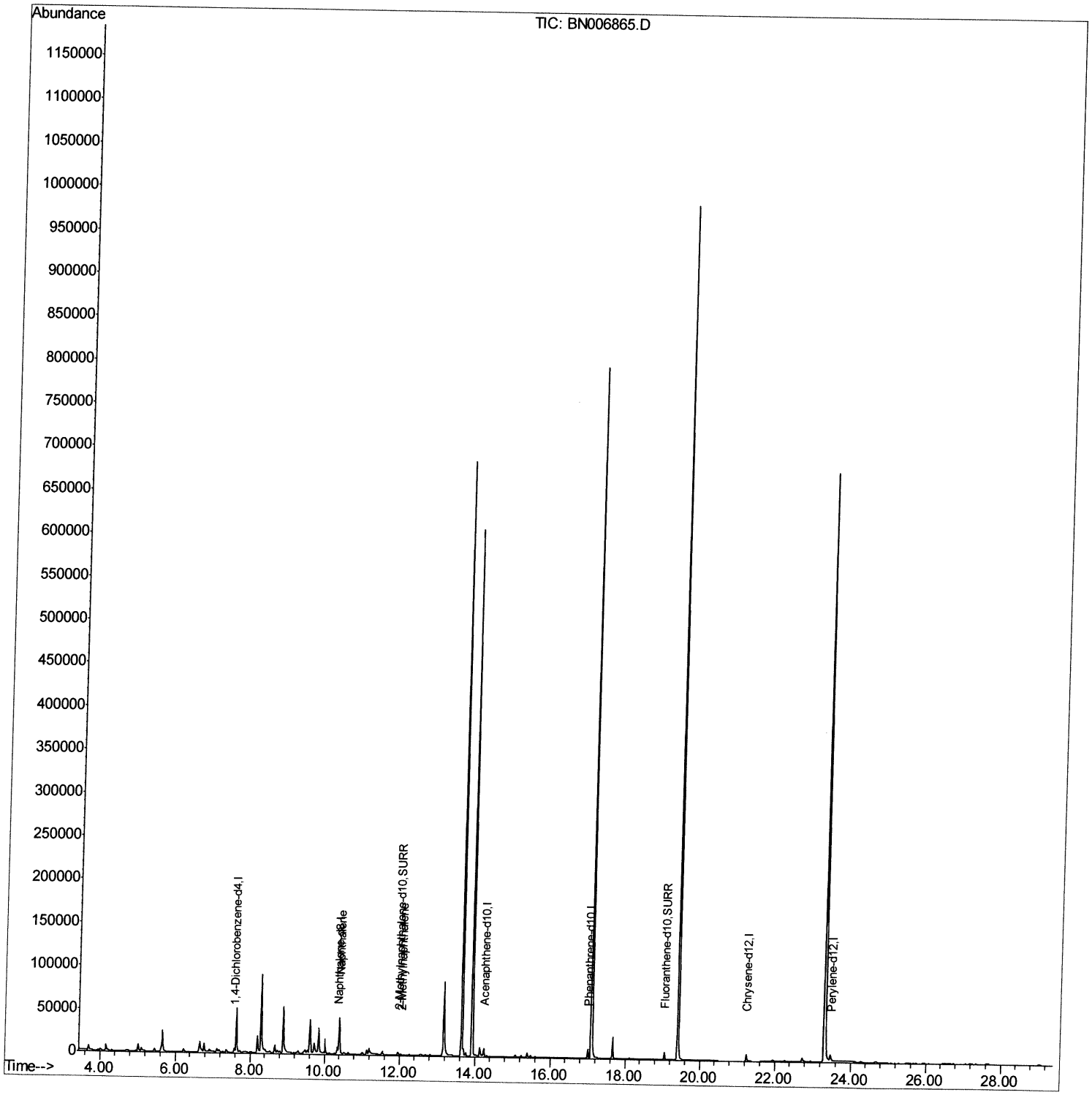
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:32:15 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 AM



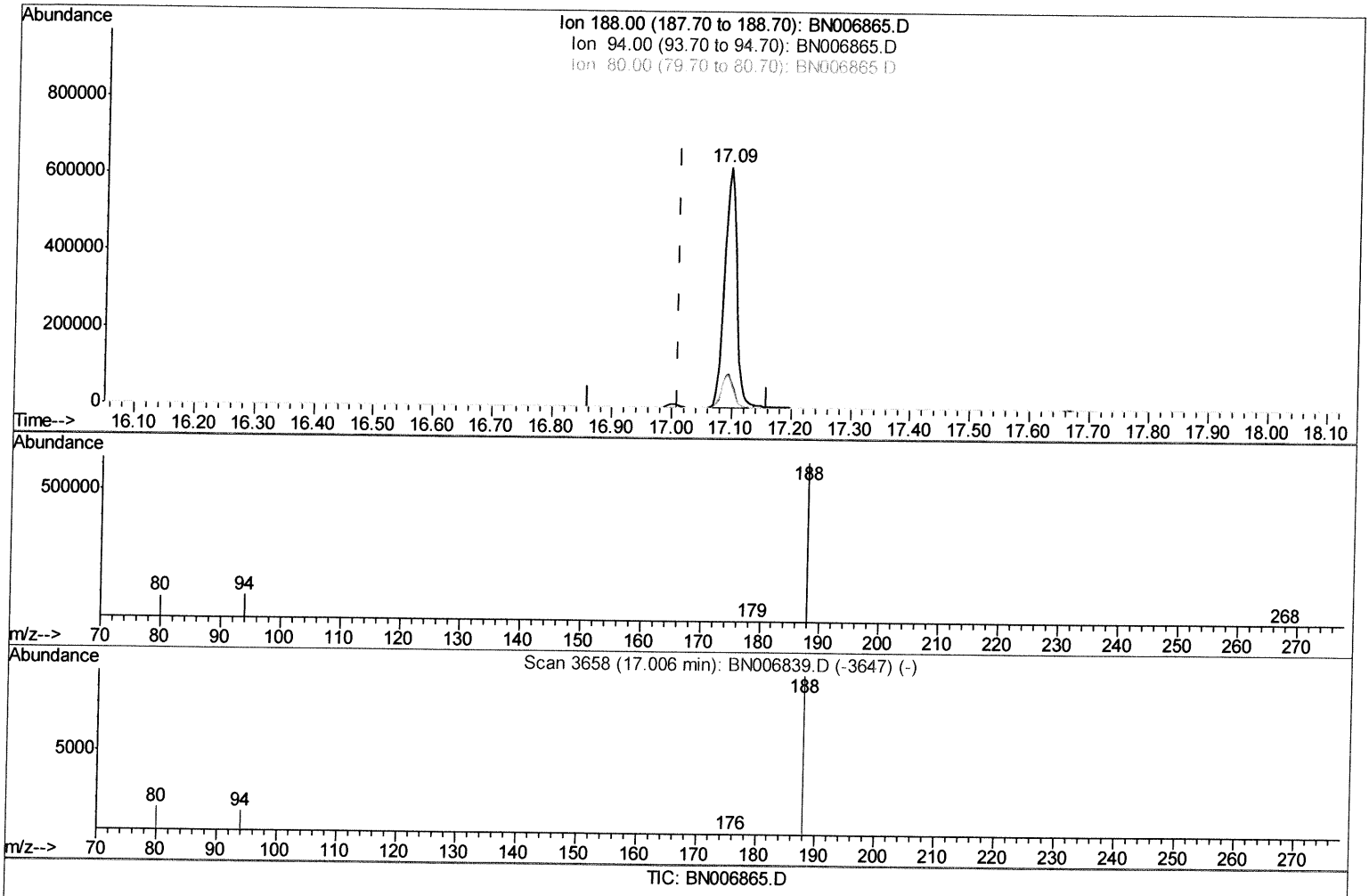
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:29:17 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 AM



TIC: BN006865.D

(10) Phenanthrene-d10 (I)

17.095min (+0.084) 0.40ng/ul

response 885984

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.08
80.00	14.80	13.29
0.00	0.00	0.00

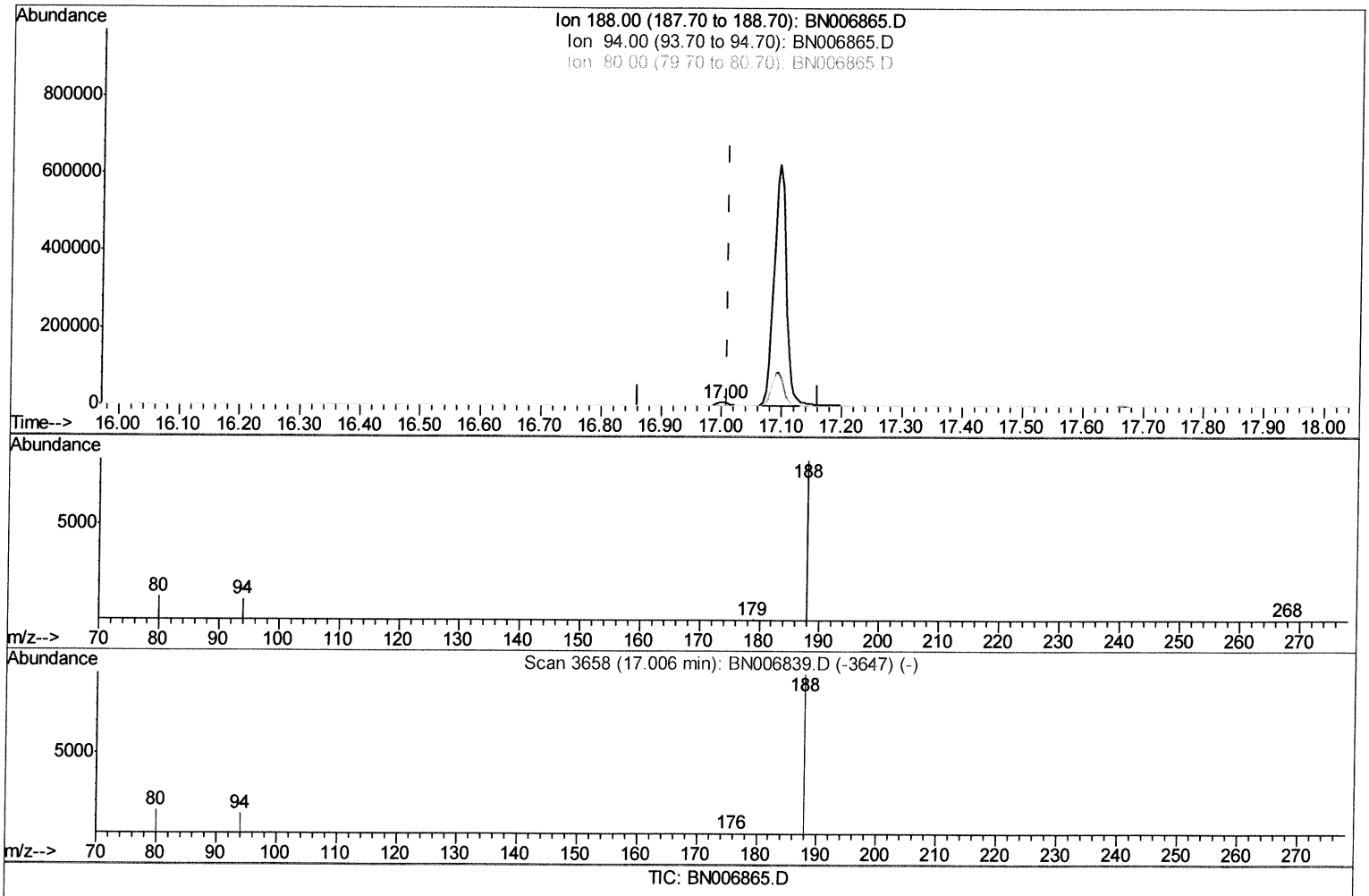
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:29:17 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 AM



(10) Phenanthrene-d10 (I)

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

response 11722

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.98
80.00	14.80	14.85
0.00	0.00	0.00

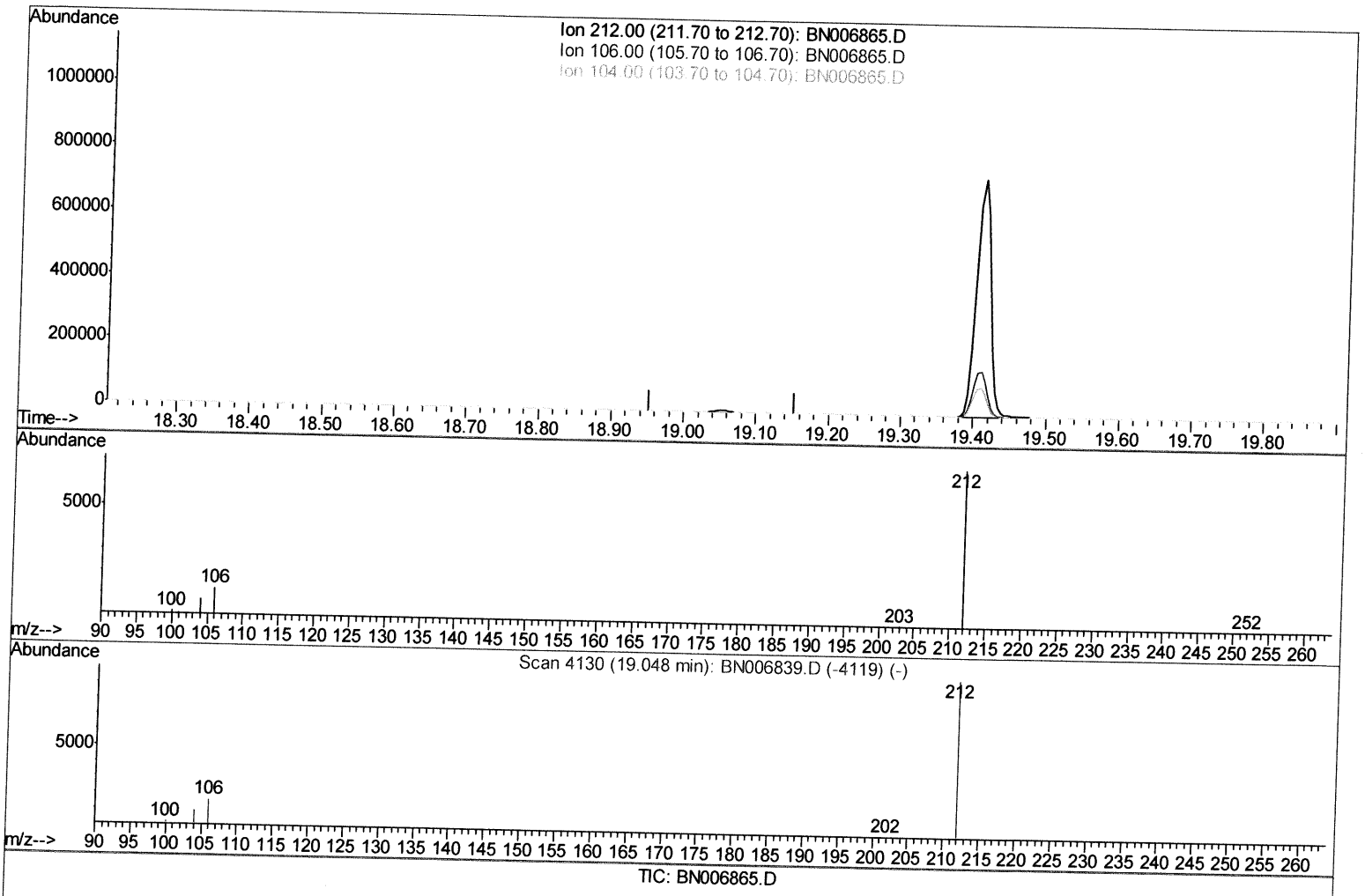
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:30:18 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 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

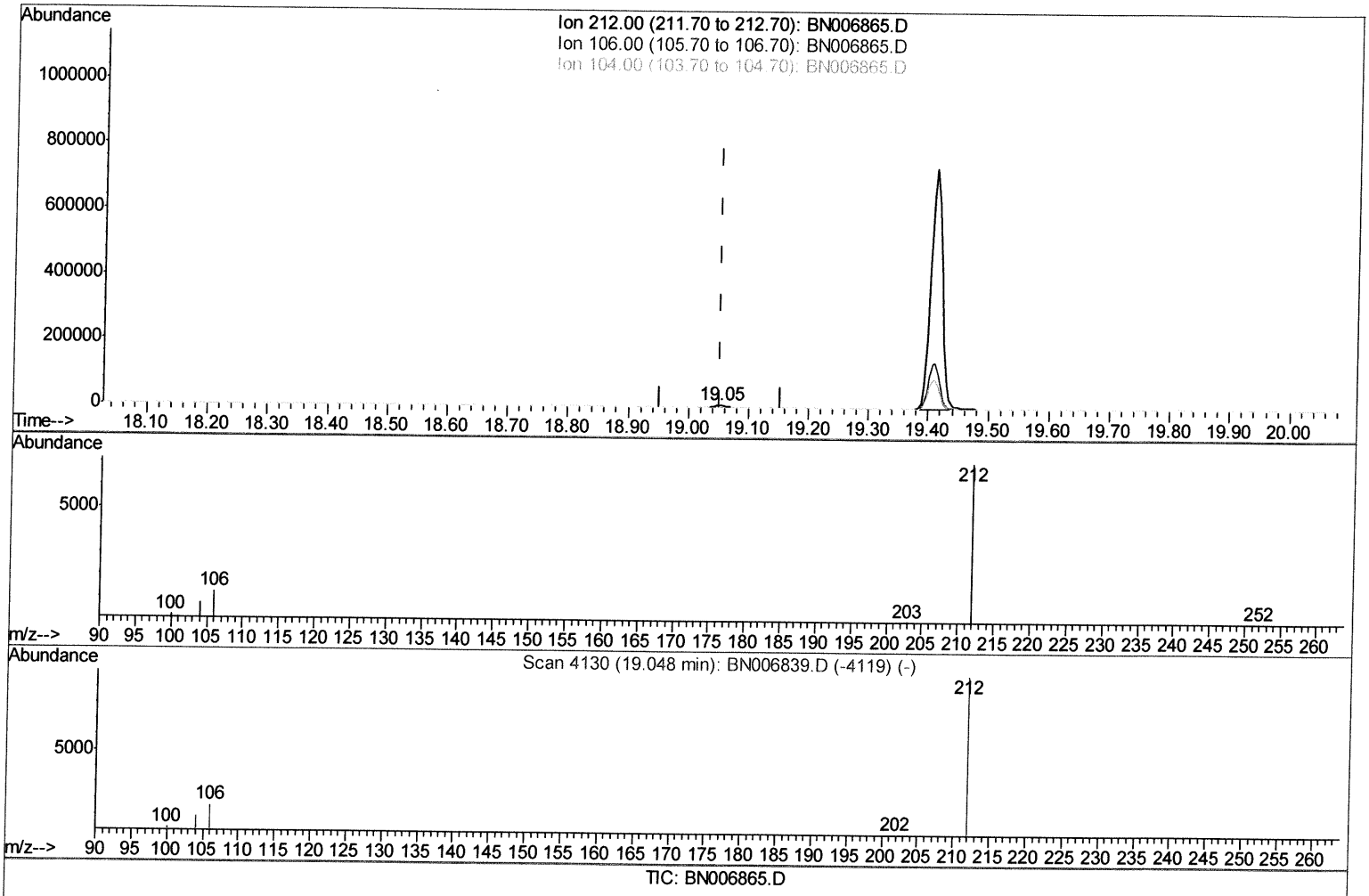
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:30:18 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 AM



TIC: BN006865.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.000) 0.32ng/ul m JU 07/17/19

response 10958

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

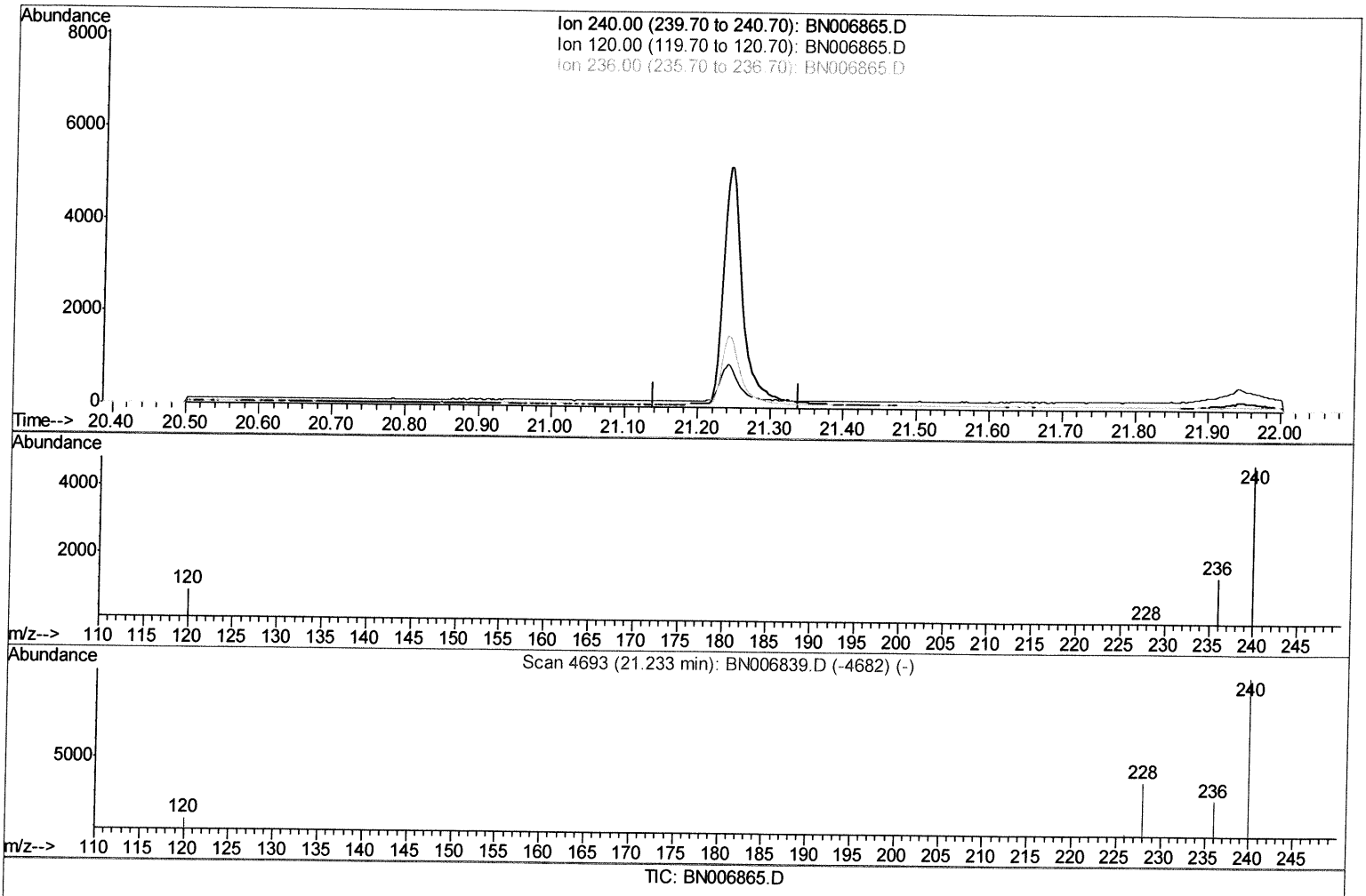
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:30:18 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 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

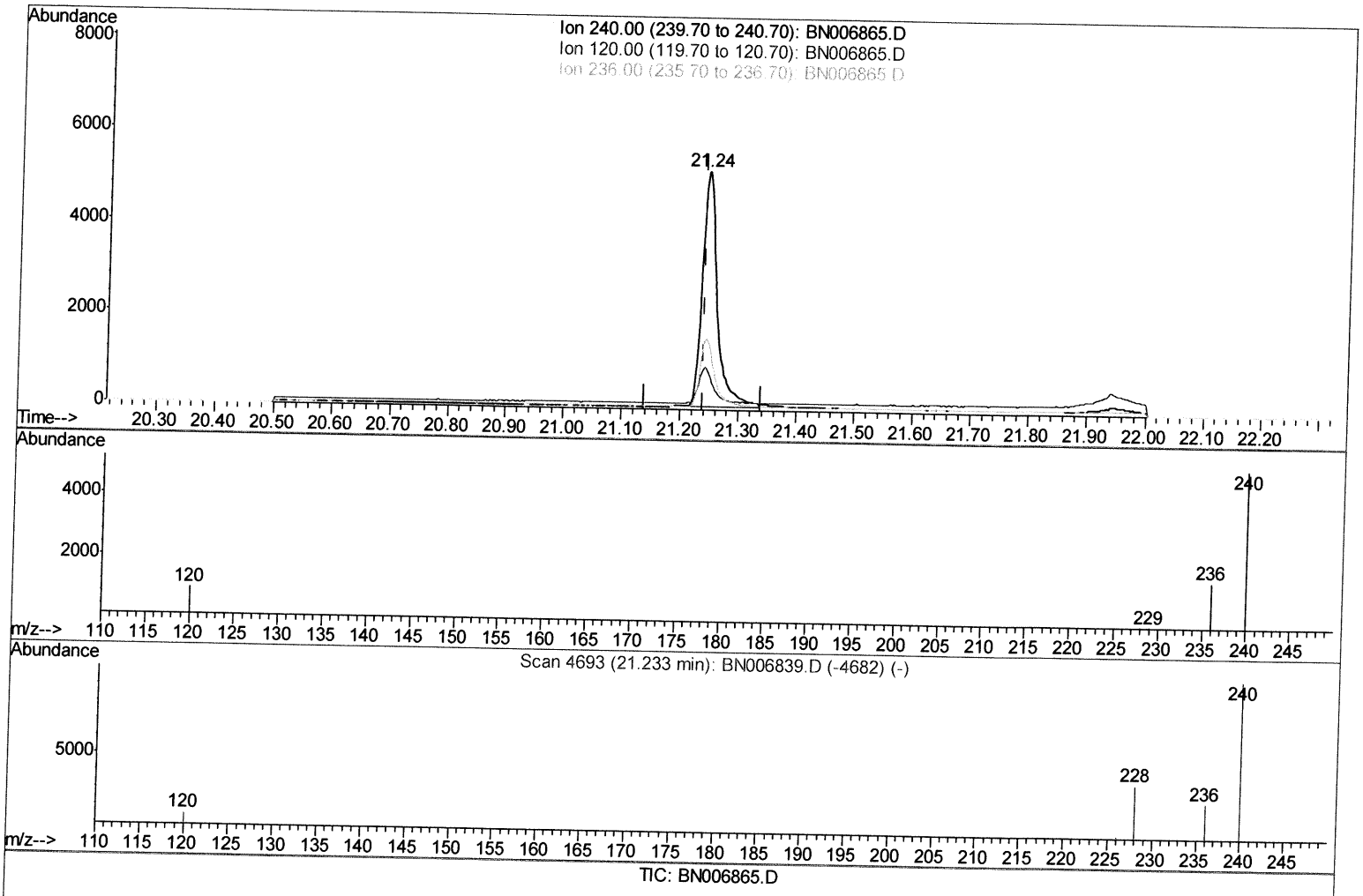
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:30:18 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 AM



(16) Chrysene-d12 (I)

21.242min (+0.003) 0.40ng/ul m JU 07/17/19

response 9238

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	18.10
236.00	30.00	29.81
0.00	0.00	0.00

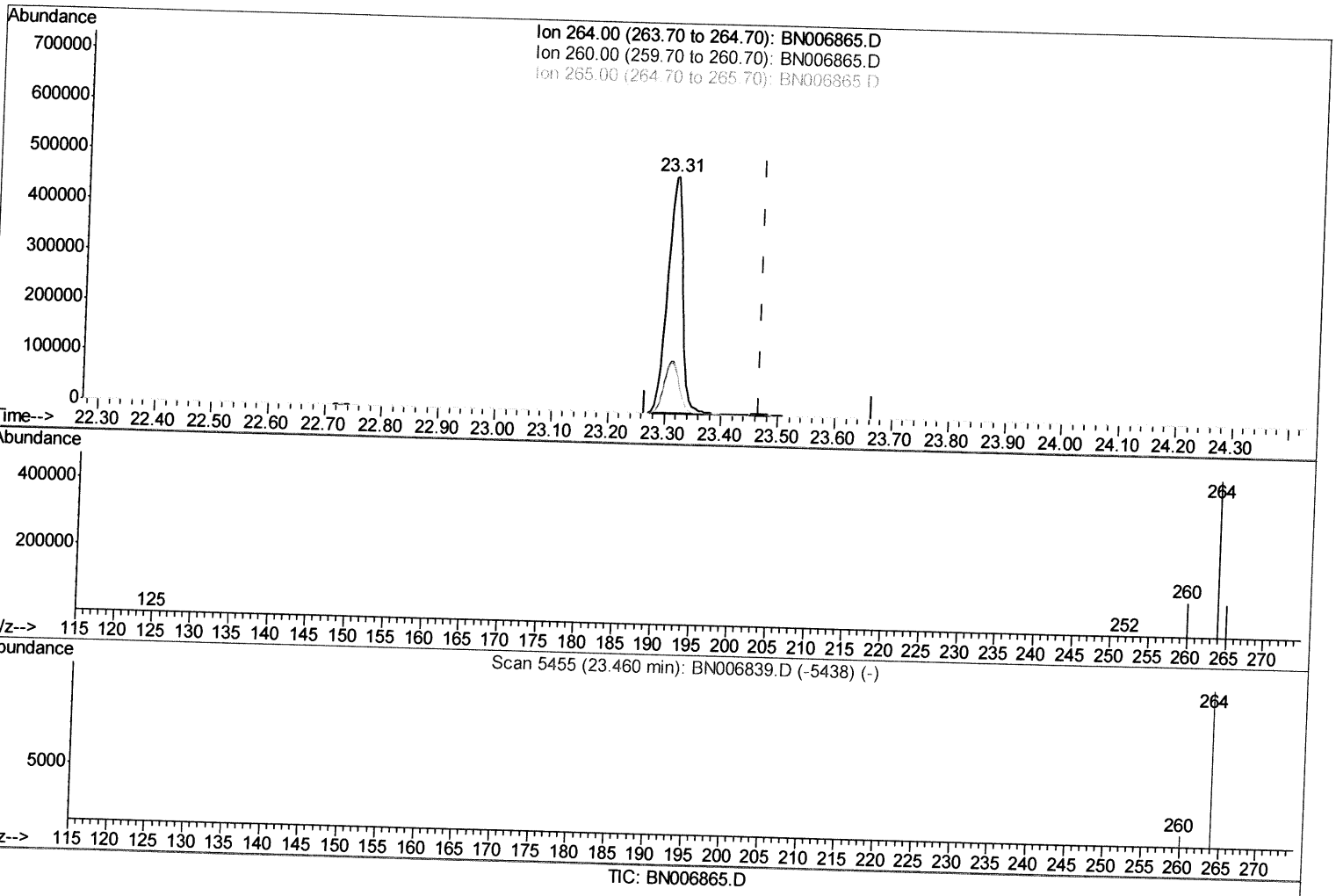
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:31:24 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 AM



TIC: BN006865.D

(20) Perylene-d12 (I)

23.314min (-0.152) 0.40ng/ul

response 868071

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.27
265.00	36.10	21.47#
0.00	0.00	0.00

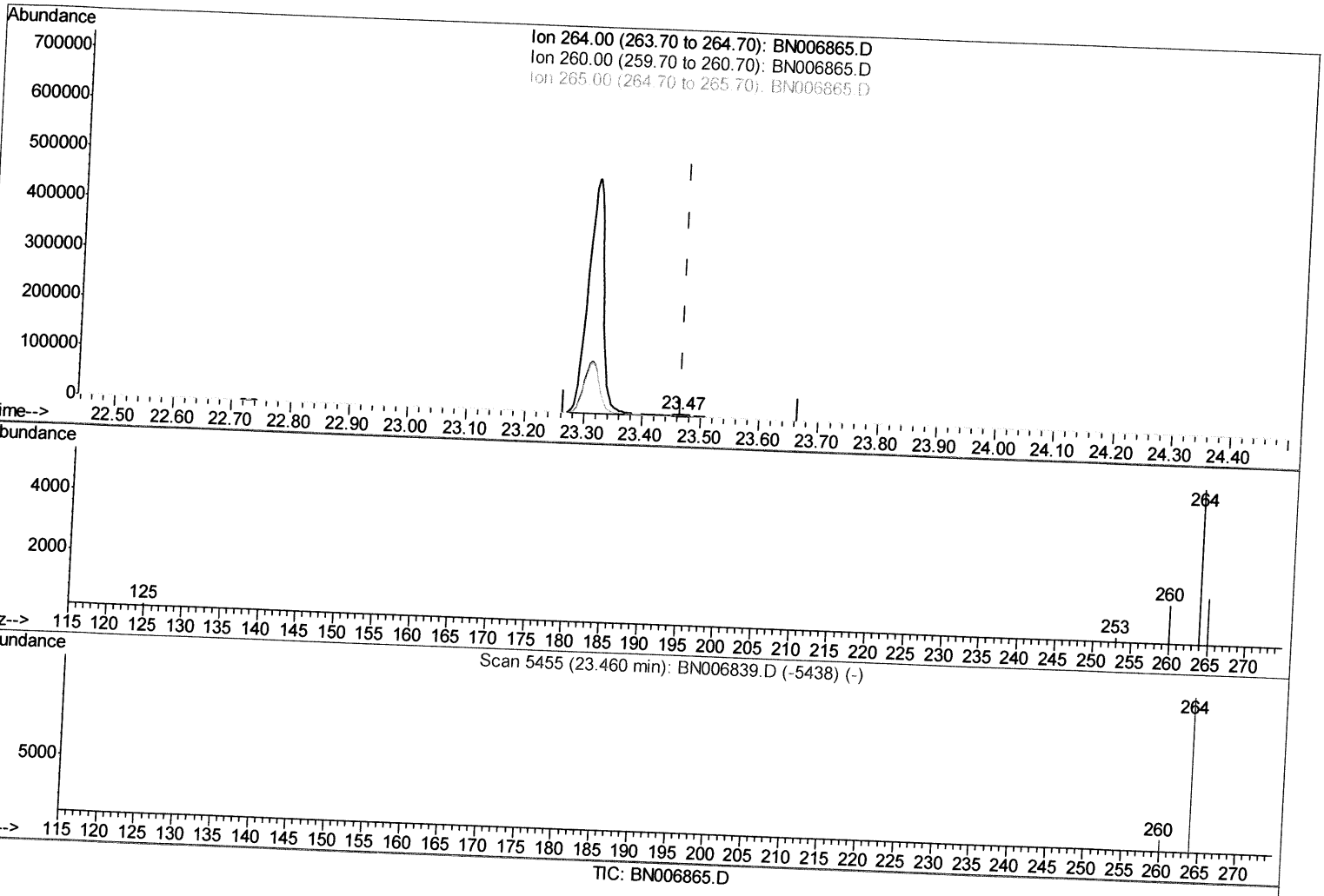
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:31:24 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 :
A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 AM



(20) Perylene-d12 (I)

23.466min (-0.000) 0.40ng/ul m JU 07/17/19

response 7849

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	27.23
265.00	36.10	32.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006865.D
Acq On : 16 Jul 2019 15:41
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 16:32:15 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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Instrument : BNA_N
ClientSampleId : A52S3

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:22 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2784	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	9759	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5255	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11722m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	9238m >	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	7849m >	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4848	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	10958m>	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	49960	1.783	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	1029	0.054	ng/ul	99

JU 07/17/19

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