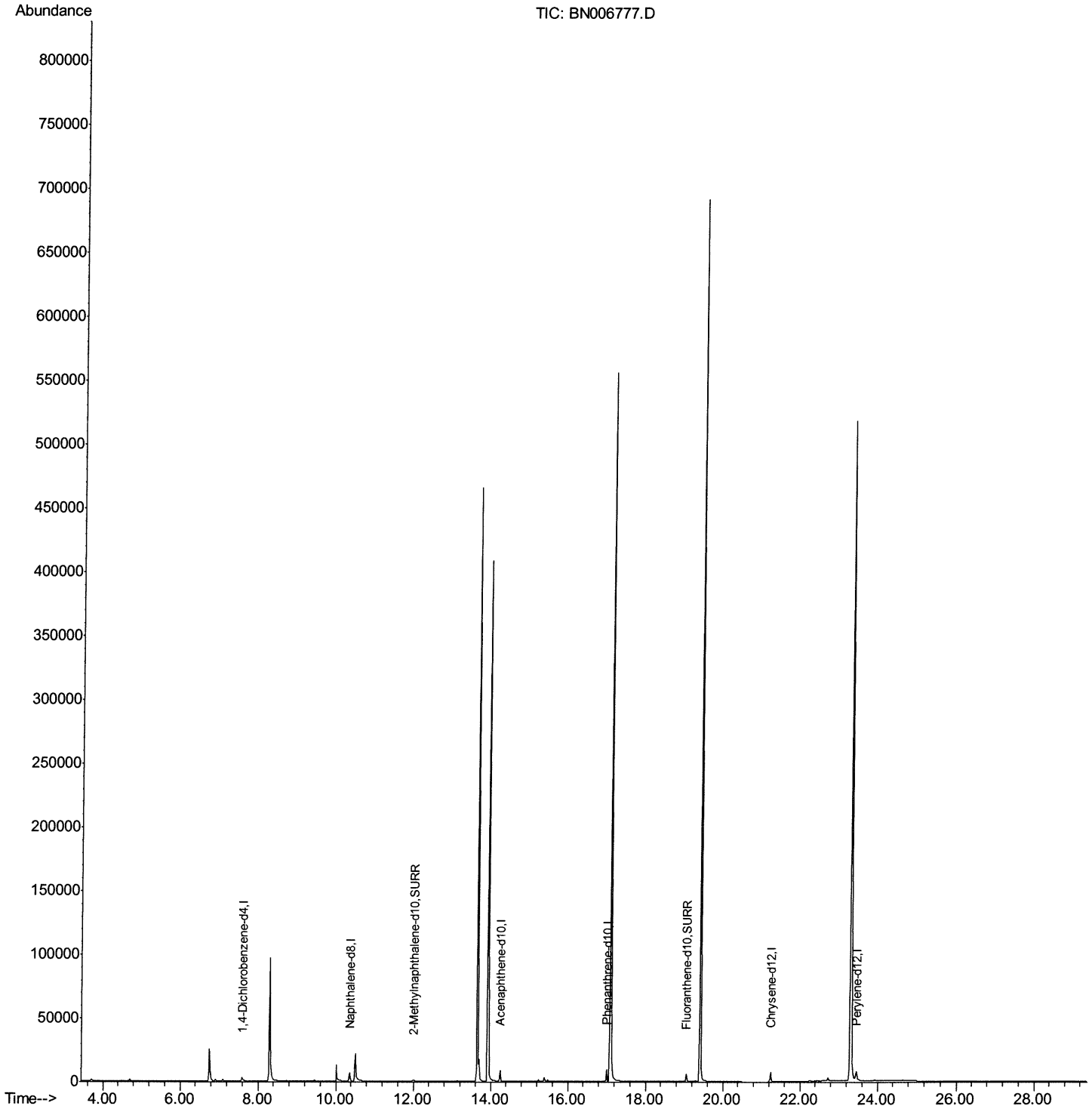
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:50:36 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM



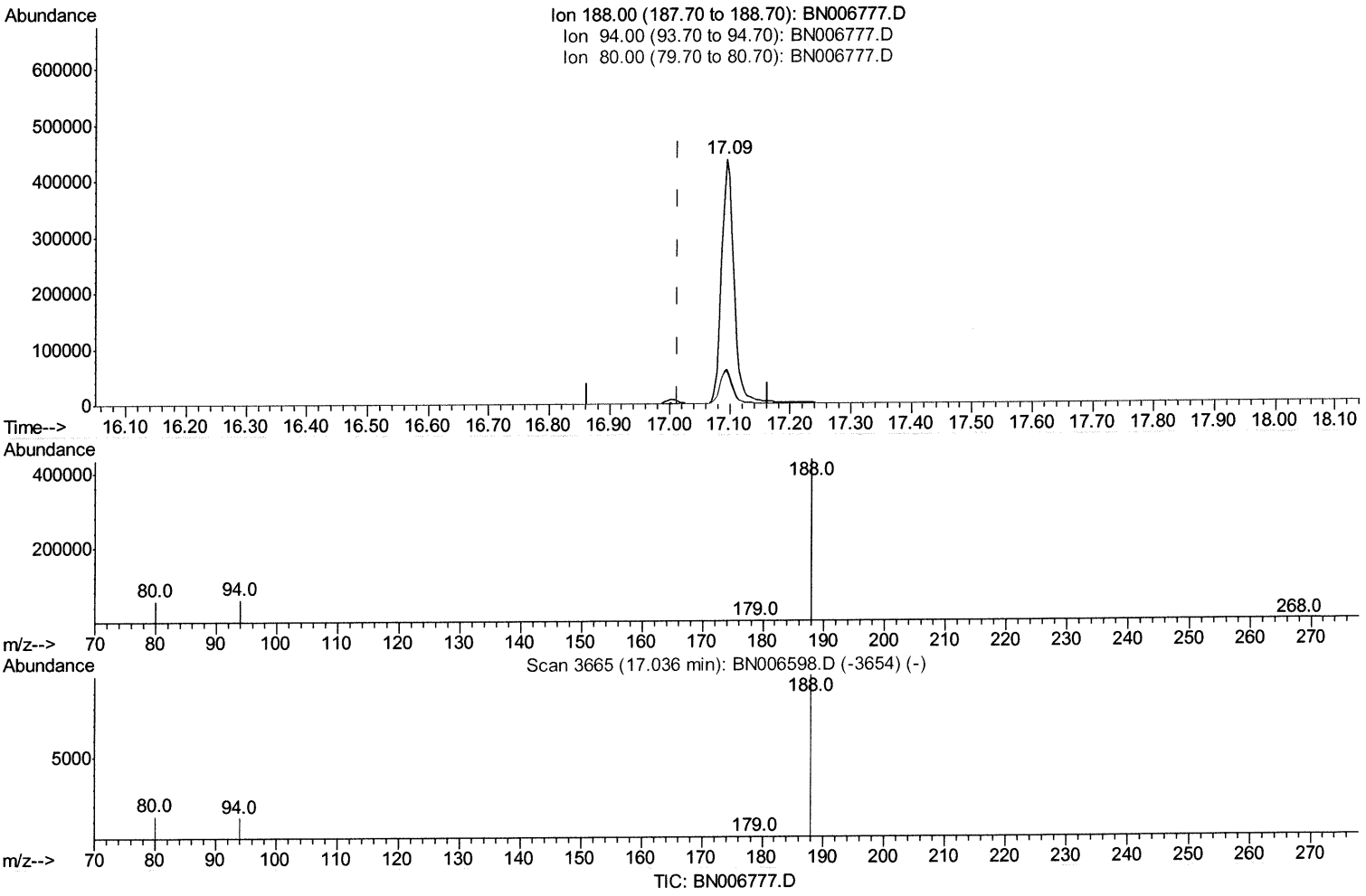
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:47:31 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM



TIC: BN006777.D

(10) Phenanthrene-d10 (I)

17.095min (+0.080) 0.40ng/ul

response 625454

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.06
80.00	14.80	13.32
0.00	0.00	0.00

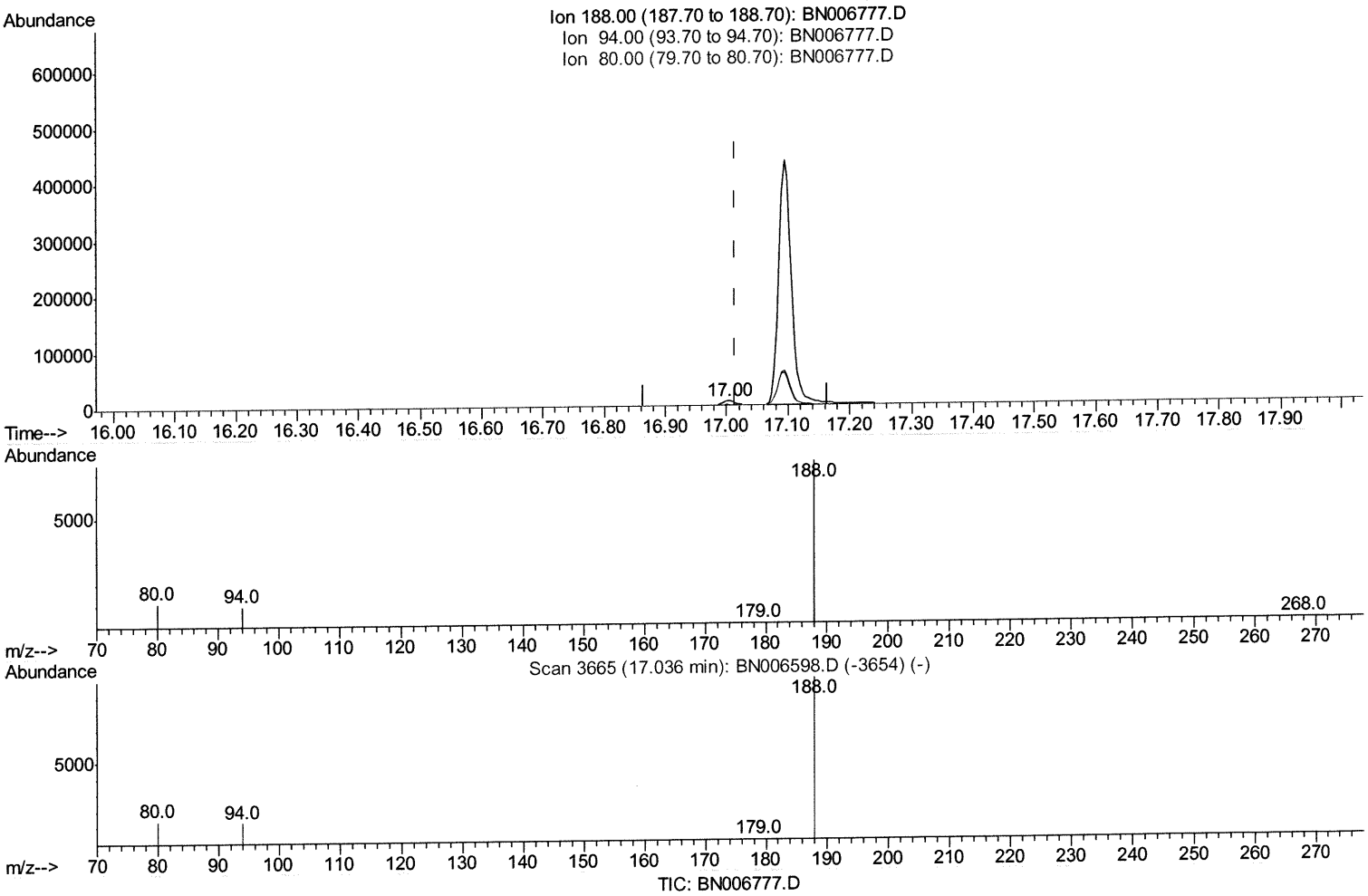
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:47:31 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM



(10) Phenanthrene-d10 (I)

17.002min (-0.013) 0.40ng/ul m JU 07/11/19

response 10431

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.93
80.00	14.80	15.10
0.00	0.00	0.00

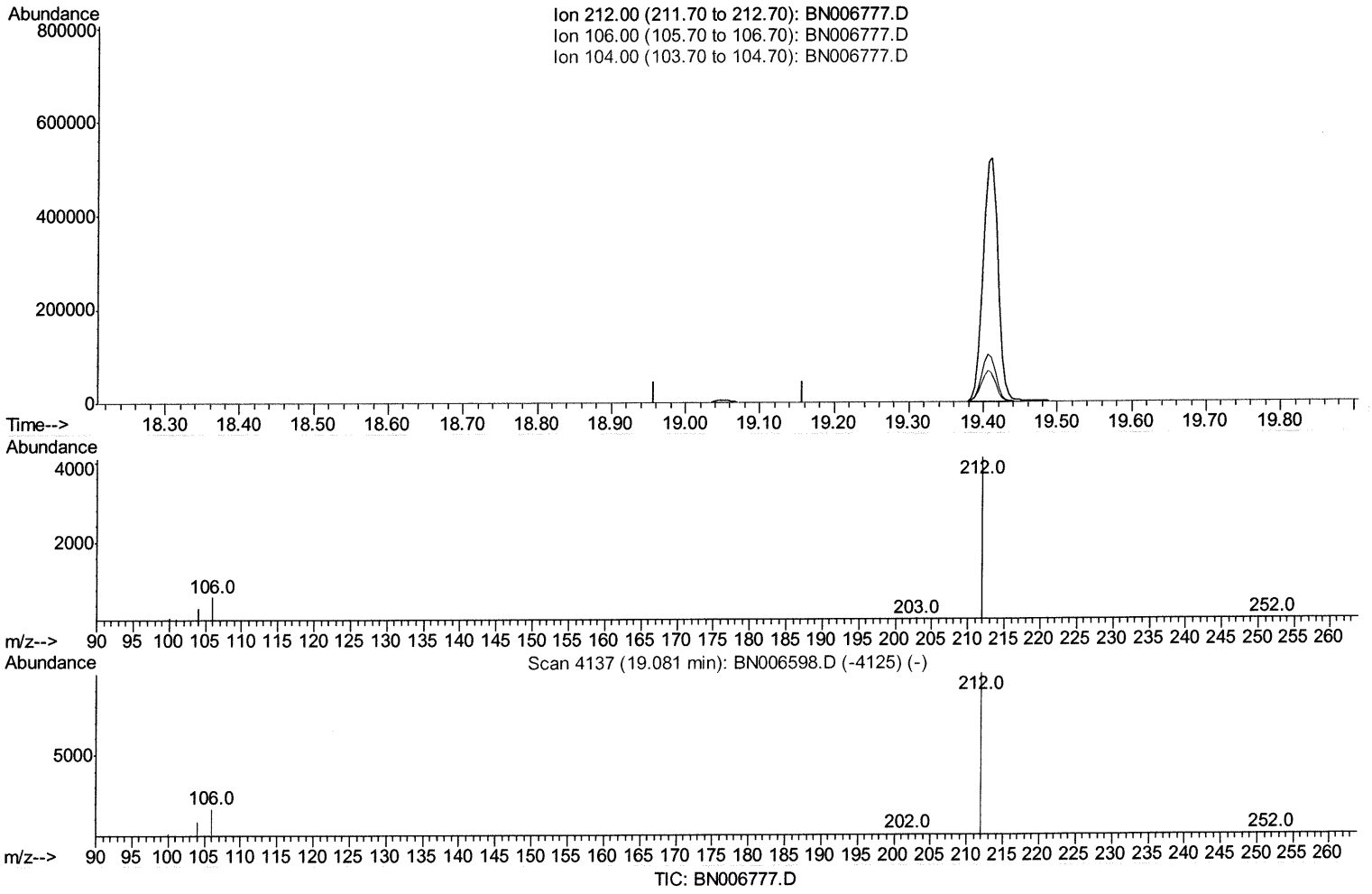
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:48:24 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM



(14) Fluoranthene-d10 (SURR)

19.058min (-19.058) 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

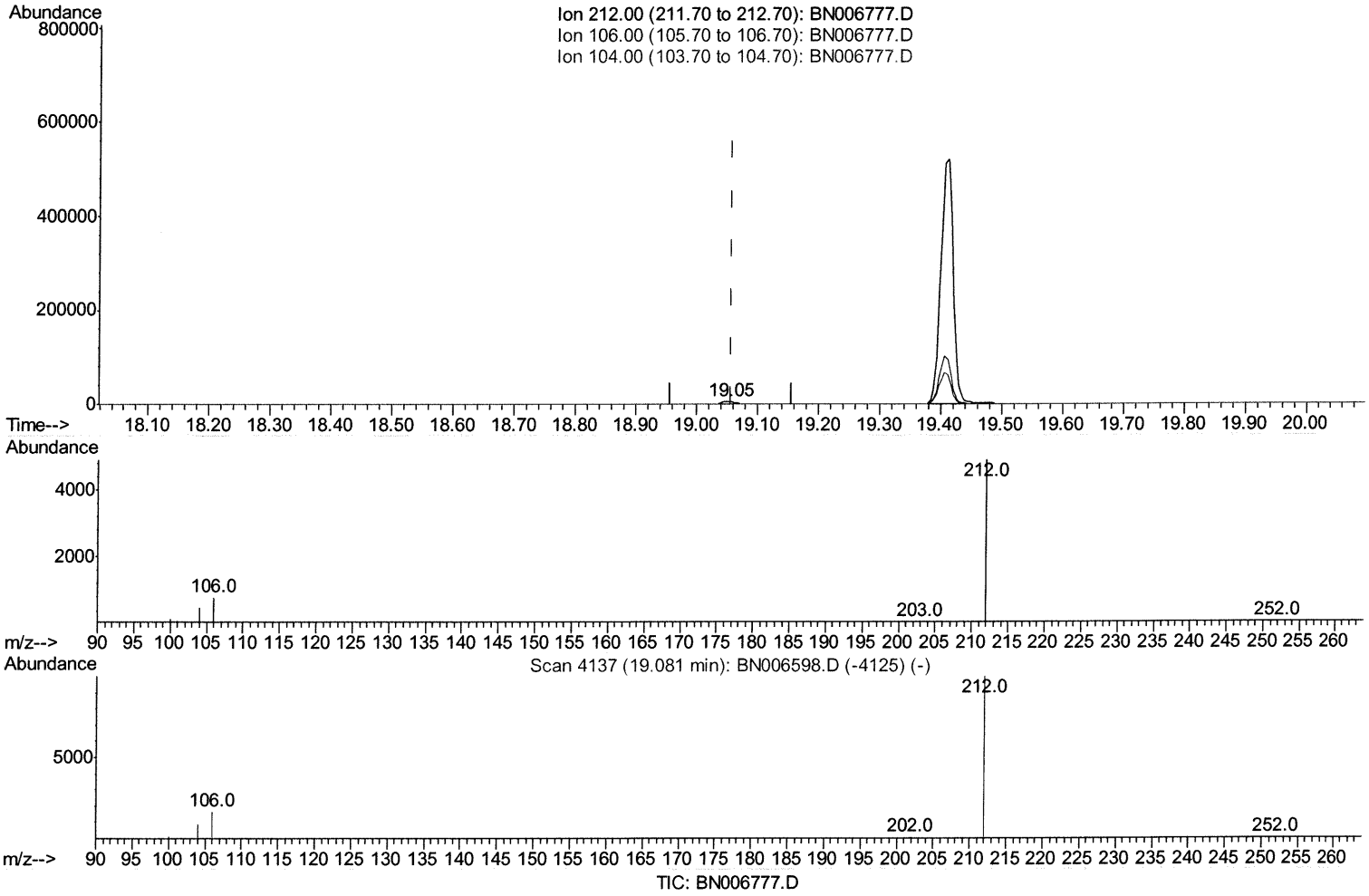
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:48:24 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM



(14) Fluoranthene-d10 (SURR)

19.053min (-0.005) 0.25ng/ul m JU 07/11/19

response 7588

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

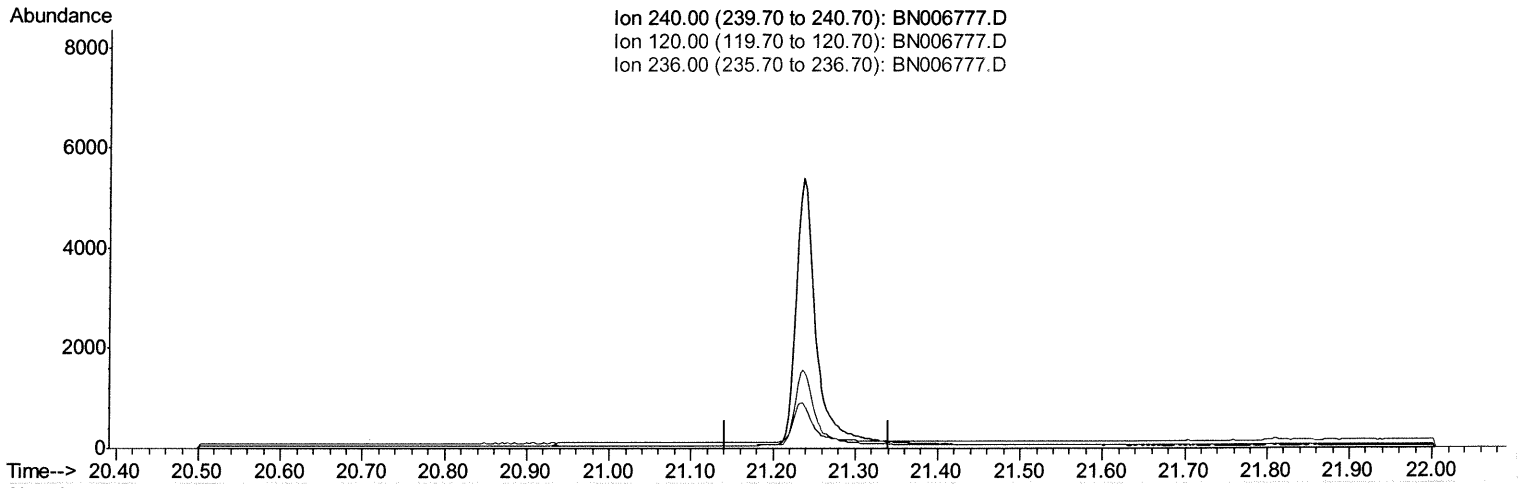
Quantitation Report (Qedit)

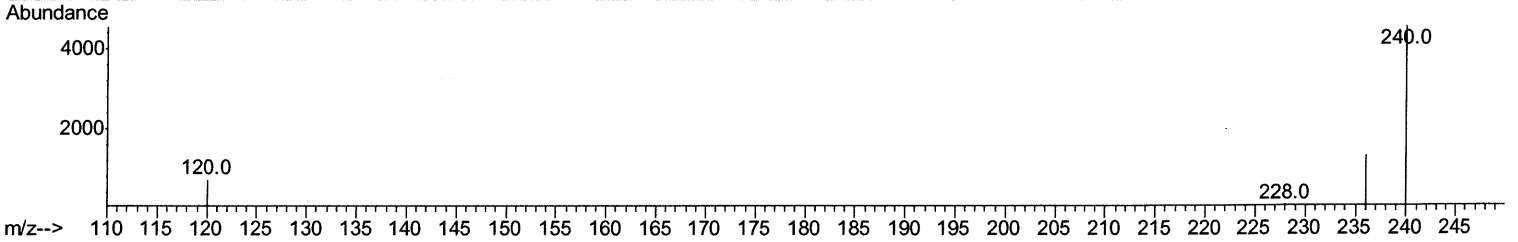
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

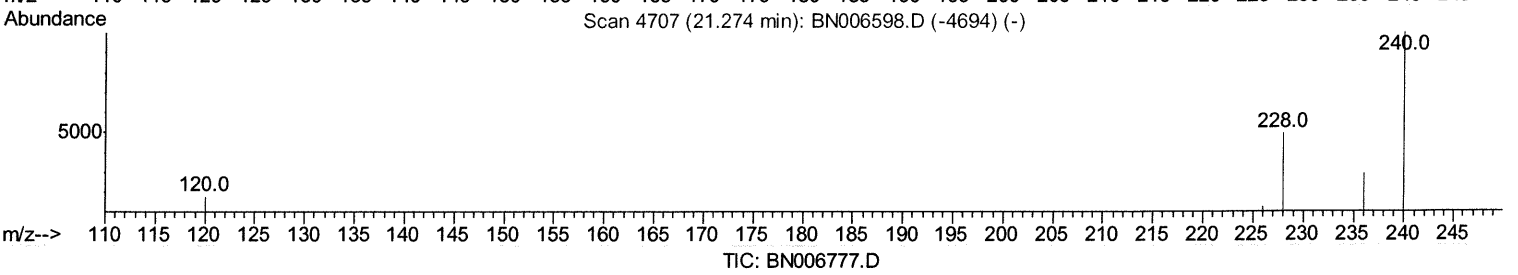
Quant Time: Jul 11 02:48:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM







TIC: BN006777.D

(16) Chrysene-d12 (I)

21.242min (-21.242) 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\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:48:24 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
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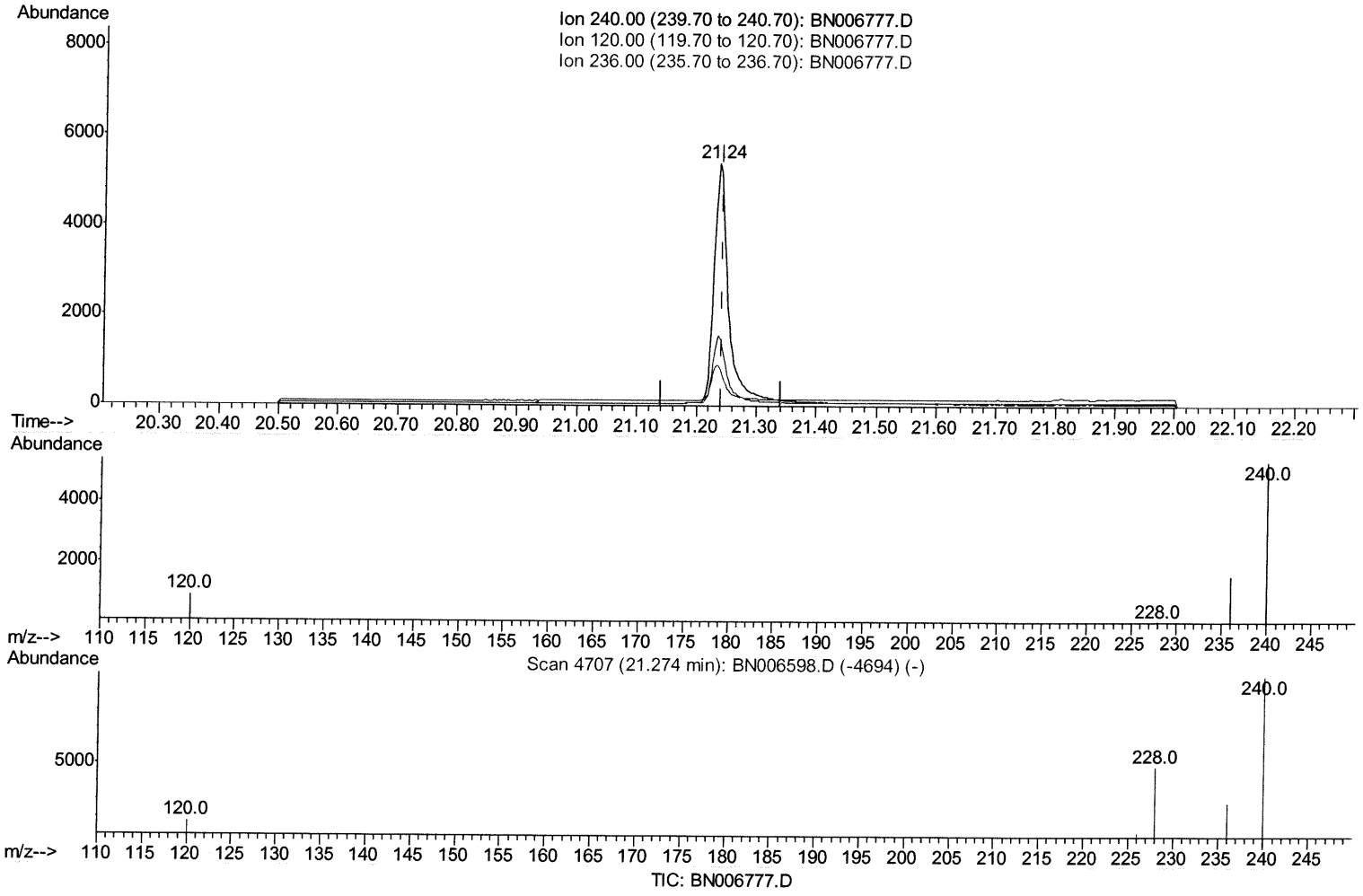


TIC: BN006777.D

(16) Chrysene-d12 (I)

21.236min (-0.006) 0.40ng/ul m JU 07/11/19

response 8853

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.84
236.00	30.00	29.30
0.00	0.00	0.00

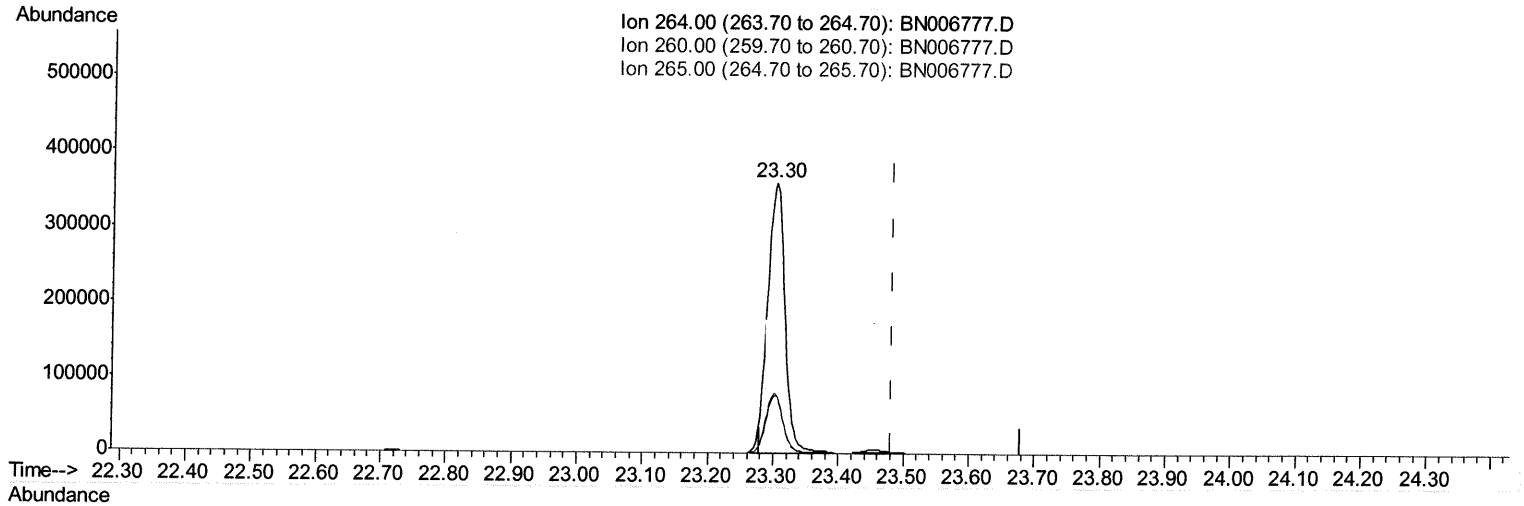
Quantitation Report (Qedit)

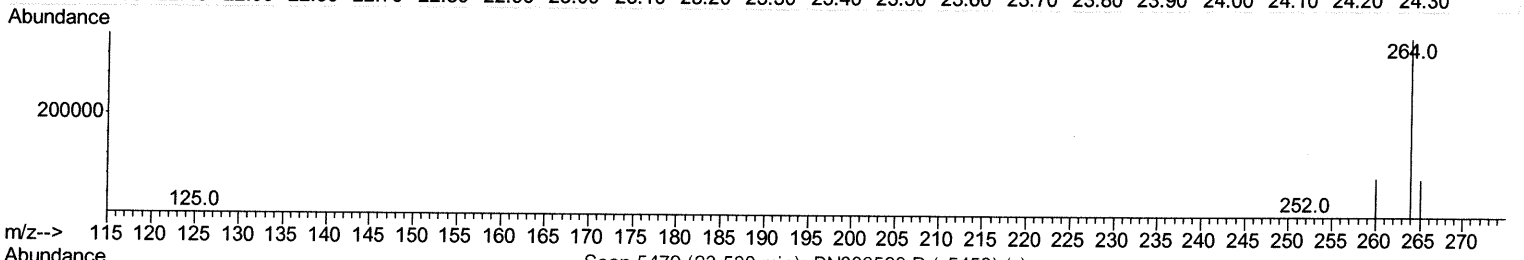
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

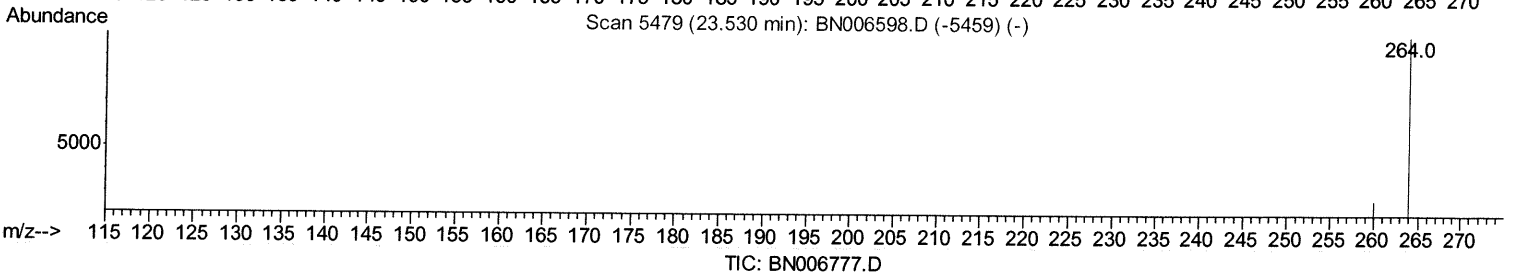
Quant Time: Jul 11 02:49:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM







TIC: BN006777.D

(20) Perylene-d12 (I)

23.302min (-0.178) 0.40ng/ul

response 579563

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.06#
265.00	36.10	21.27#
0.00	0.00	0.00

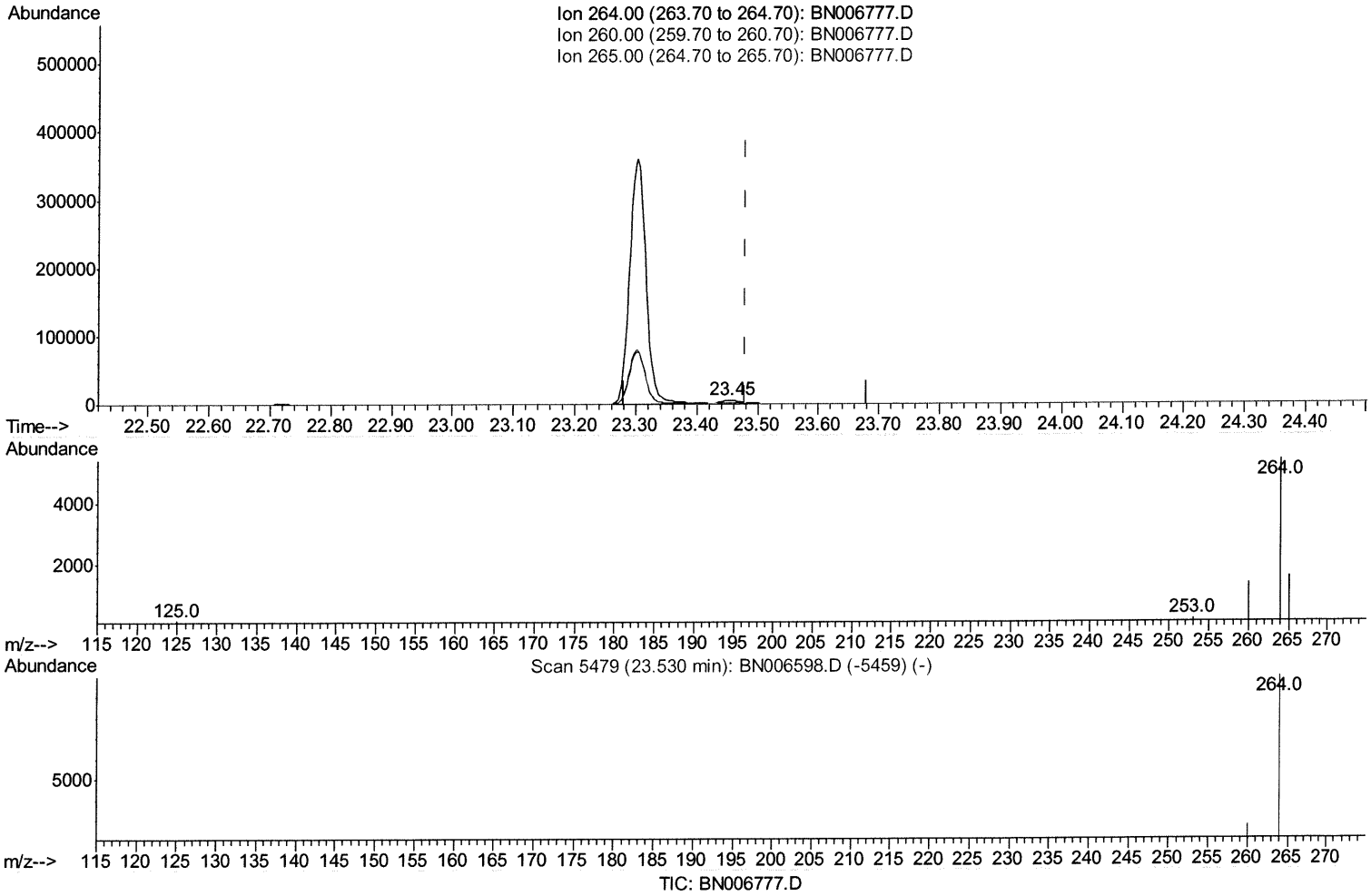
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:49:33 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM



(20) Perylene-d12 (I)

23.454min (-0.026) 0.40ng/ul m JU 07/11/19

response 8508

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.17
265.00	36.10	30.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006777.D
Acq On : 10 Jul 2019 19:24
Operator : HP/JU
Sample : K3596-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 02:50:36 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLJF1

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:21 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2520	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.36	136	9280	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	4871	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	10431m>	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	8853m>	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	8508m>	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2910	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	7588m>	0.25	ng/ul	0.00
Target Compounds						Qvalue

JU 07/11/19

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