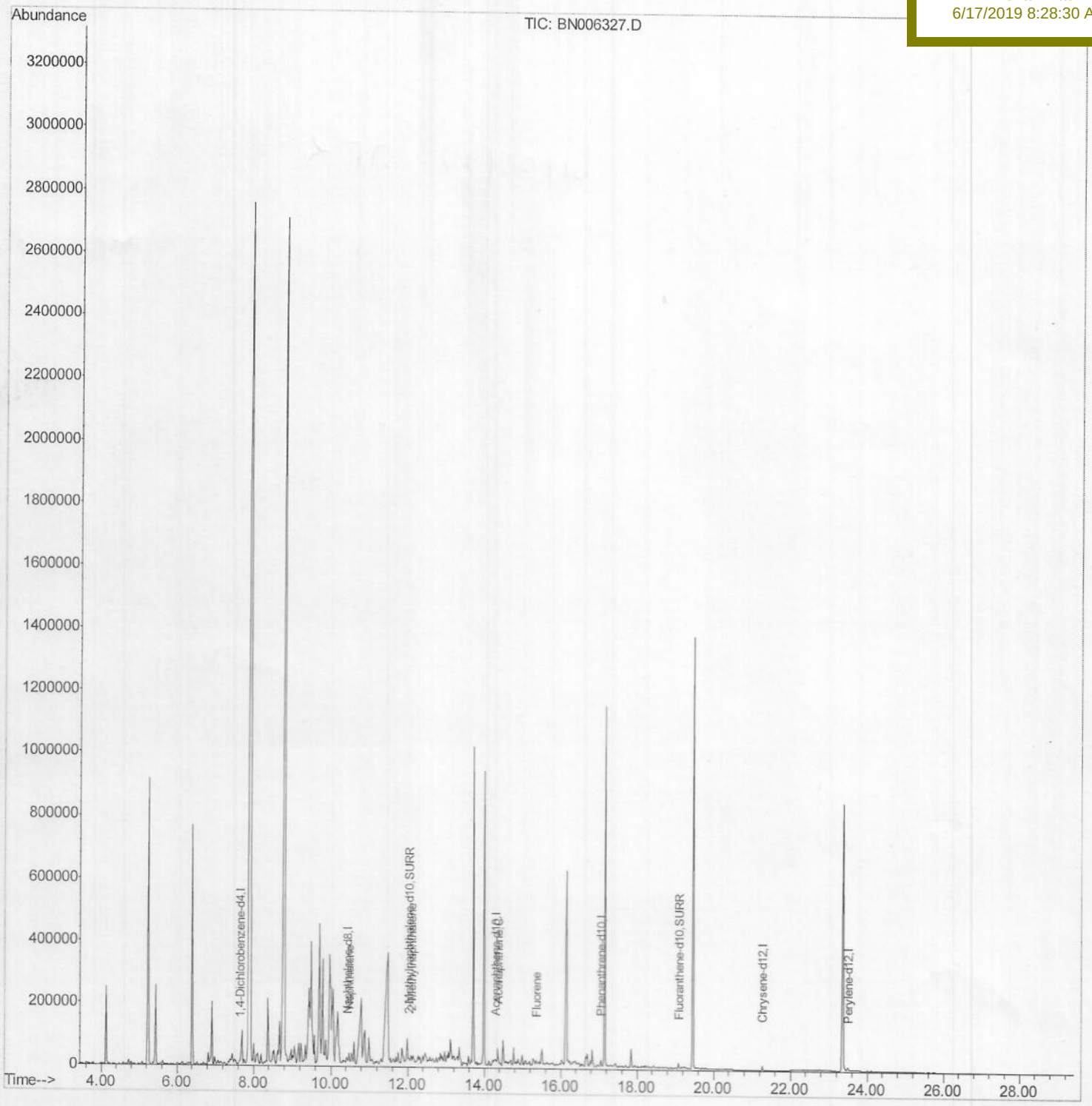
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:38:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM



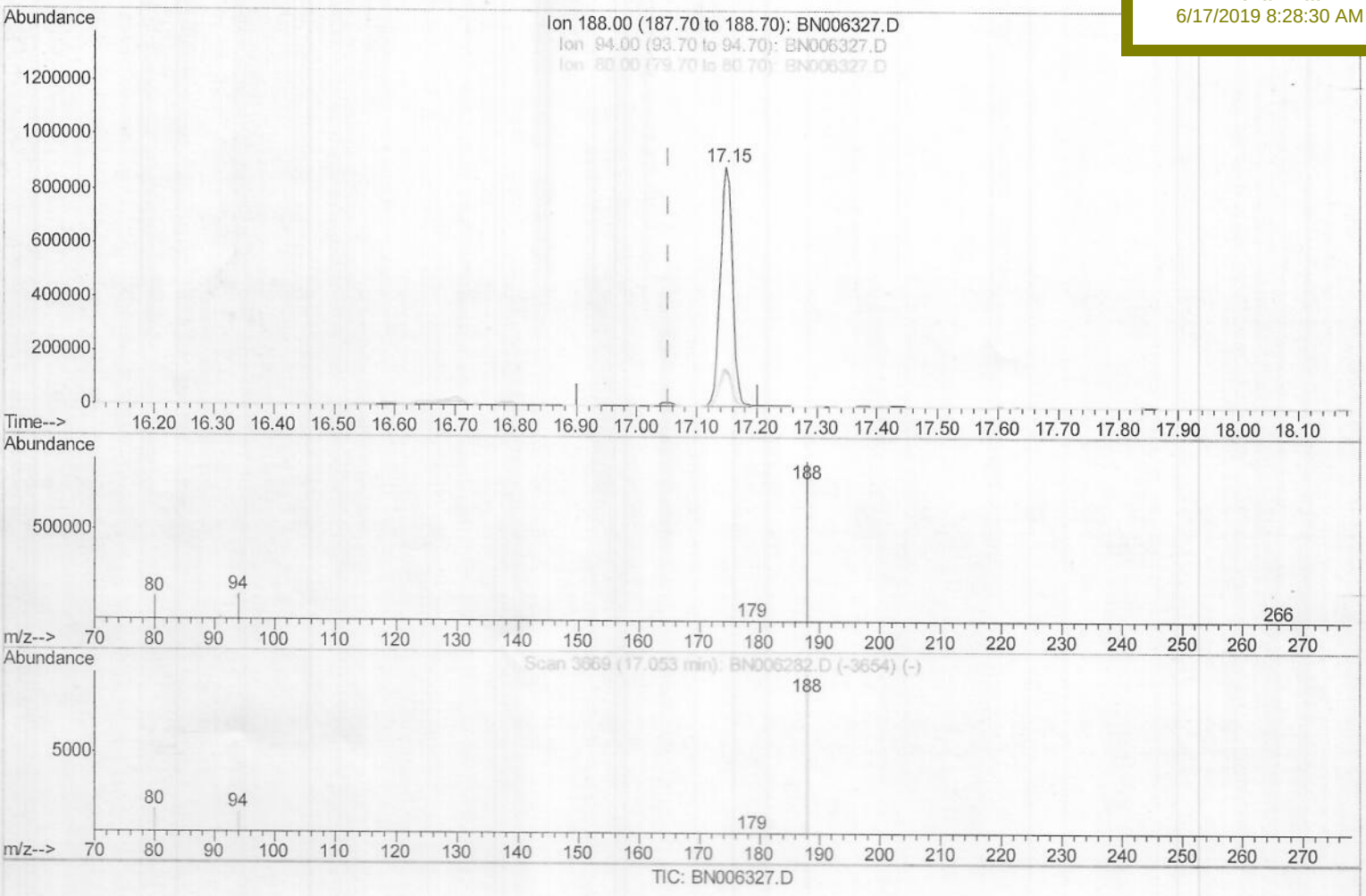
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:31:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM



TIC: BN006327.D

(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 1265922

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.67#
80.00	13.60	14.35
0.00	0.00	0.00

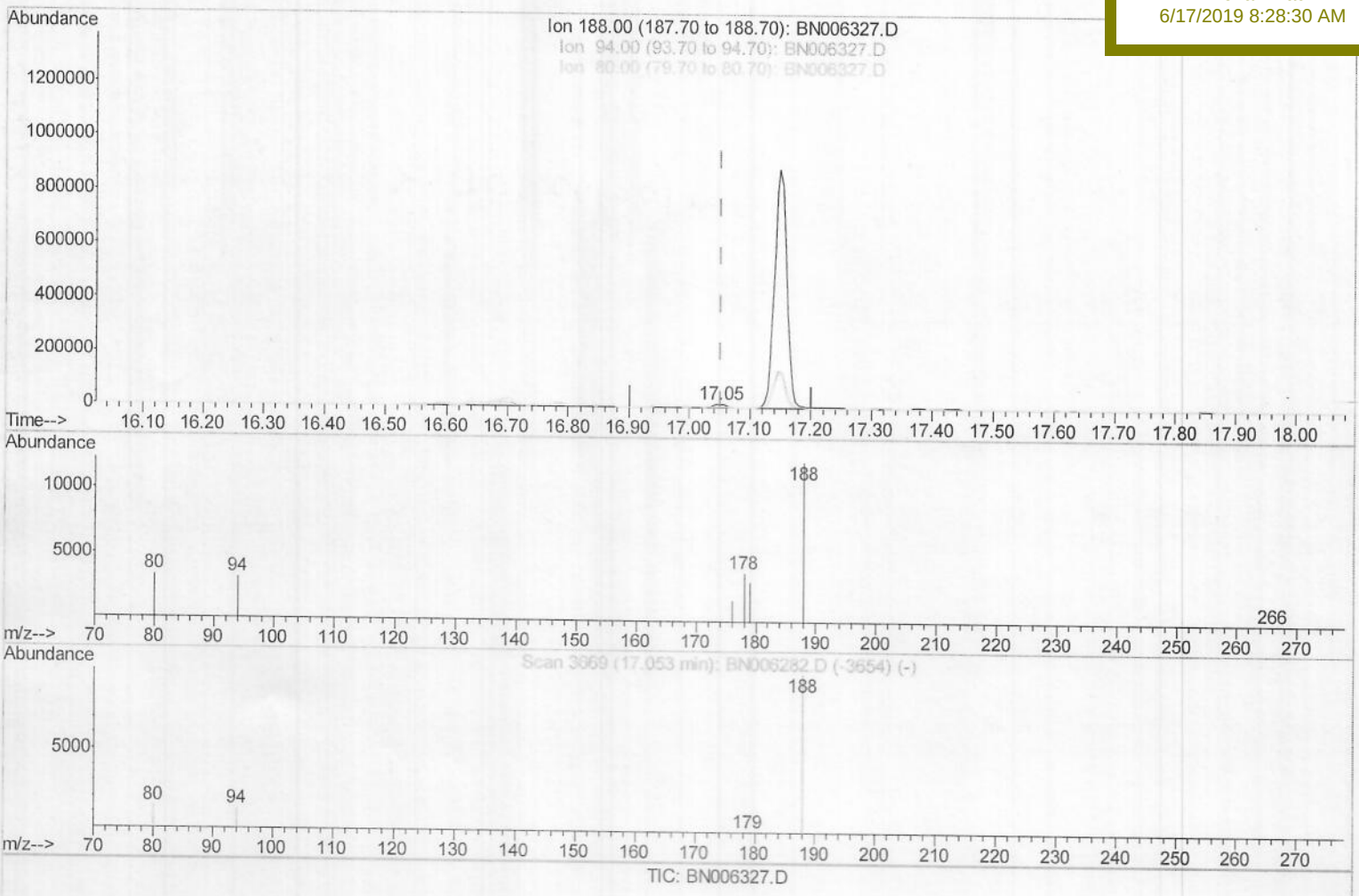
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:31:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM



(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m JU 06/20/19

response 16646

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	26.04#
80.00	13.60	27.39#
0.00	0.00	0.00

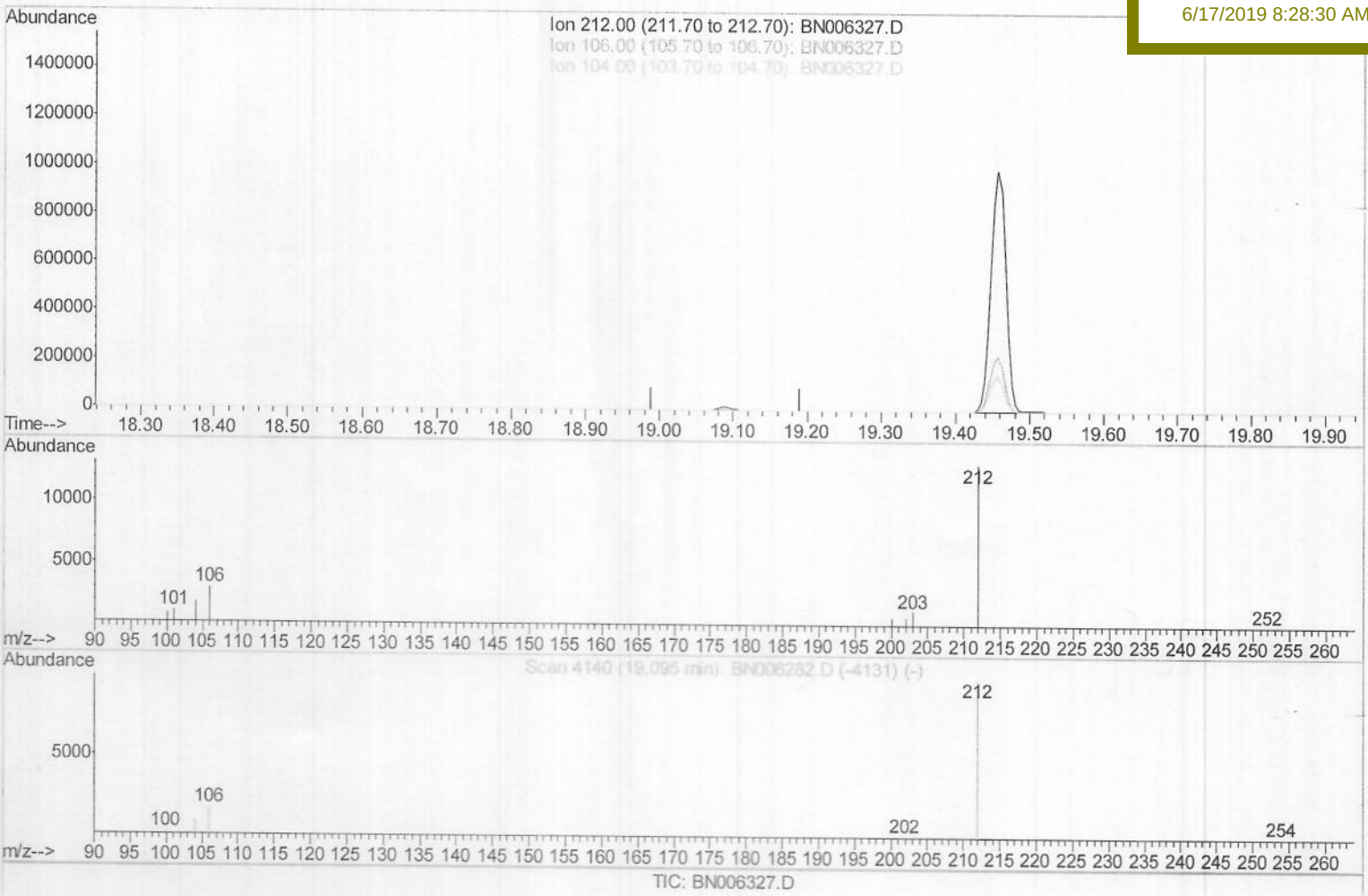
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM



TIC: BN006327.D

(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

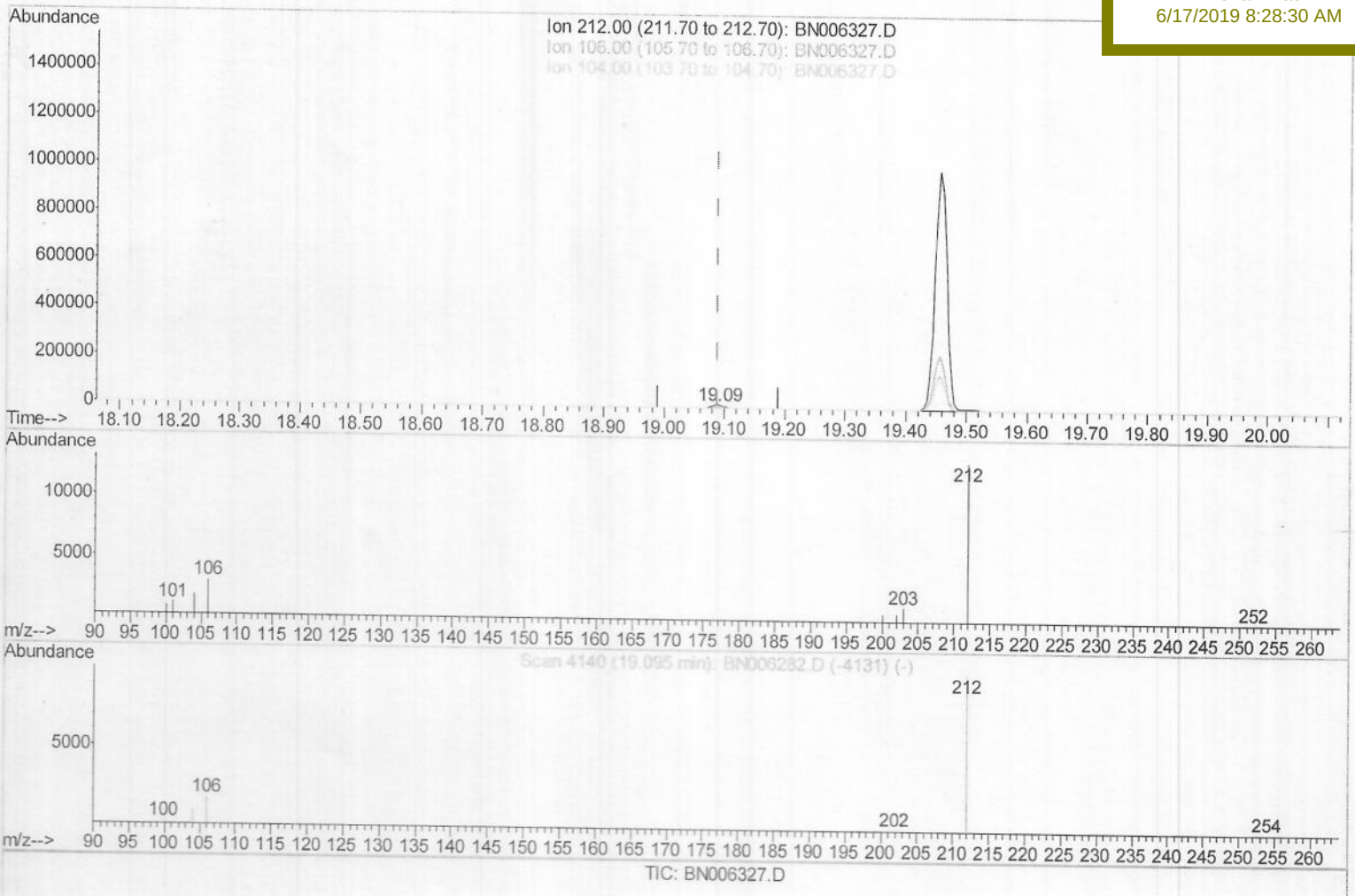
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM



TIC: BN006327.D

(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.38ng/ul m > JU 06/20/19

response 17109

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

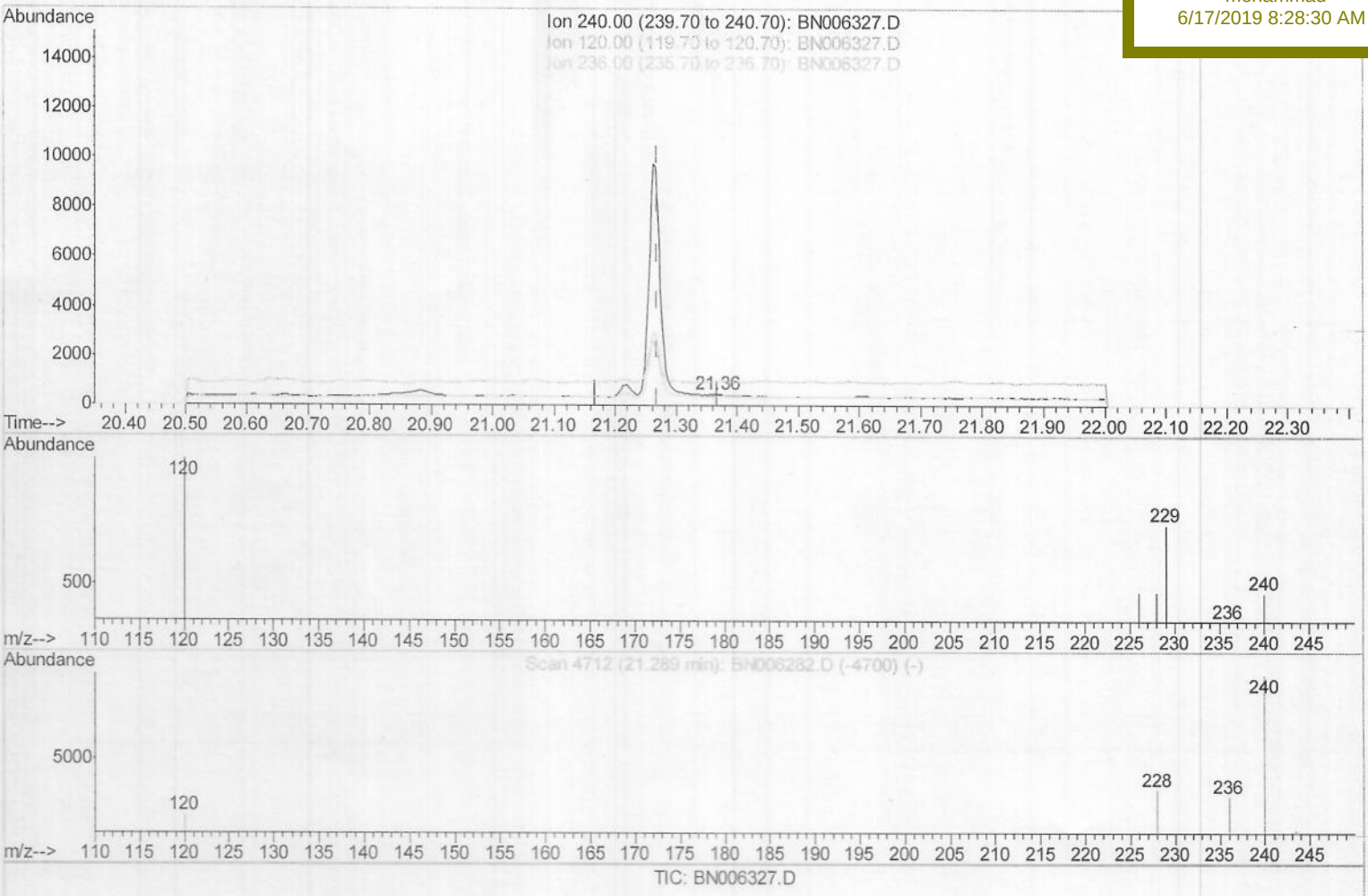
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM



TIC: BN006327.D

(16) Chrysene-d12 (I)

21.365min (+0.096) 0.40ng/ul

response 124

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	207.26#
236.00	30.10	77.35#
0.00	0.00	0.00

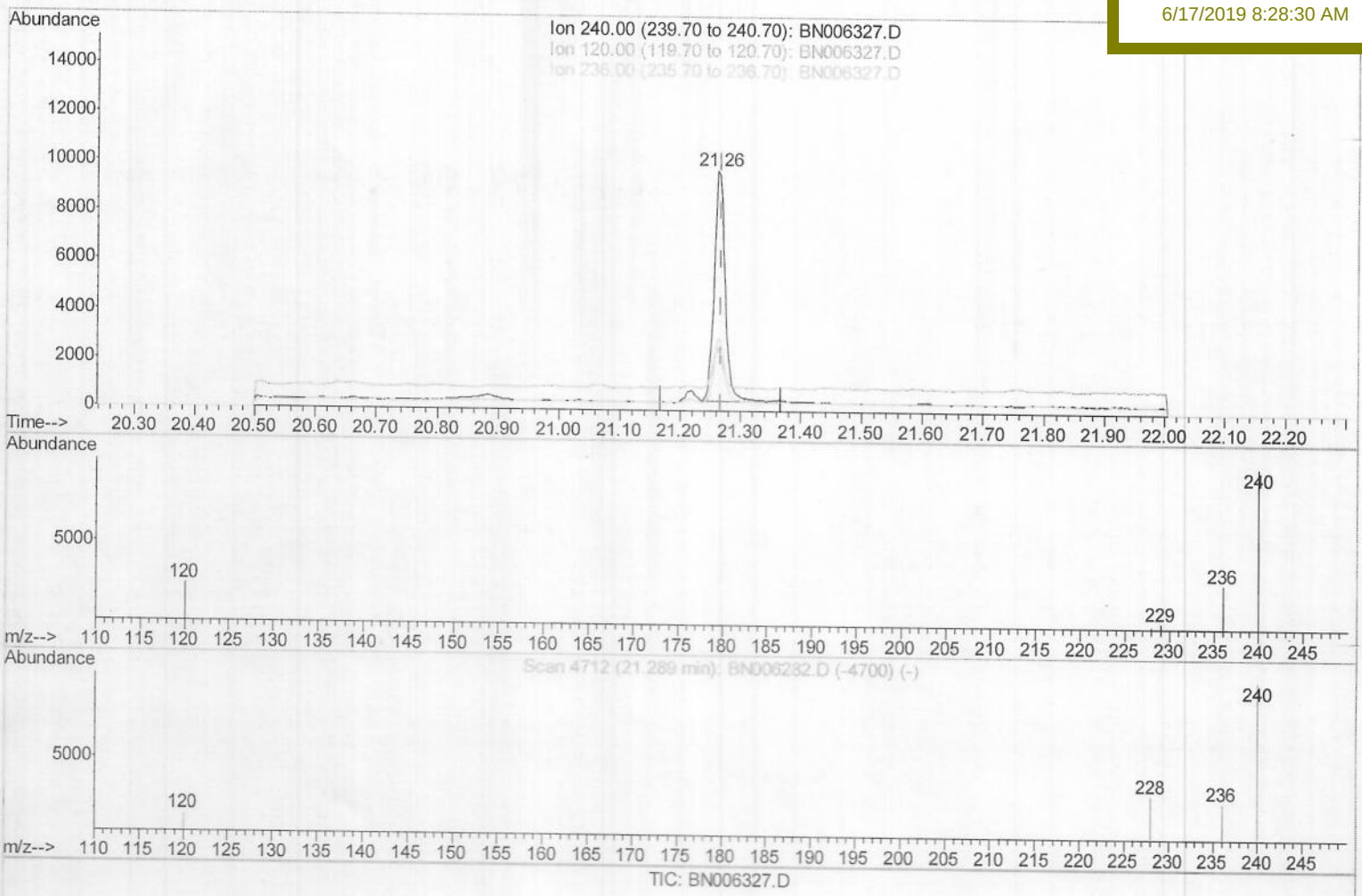
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM



TIC: BN006327.D

(16) Chrysene-d12 (I)

21.262min (-0.006) 0.40ng/ul m > JU 06/20/19

response 11817

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	26.56#
236.00	30.10	30.54
0.00	0.00	0.00

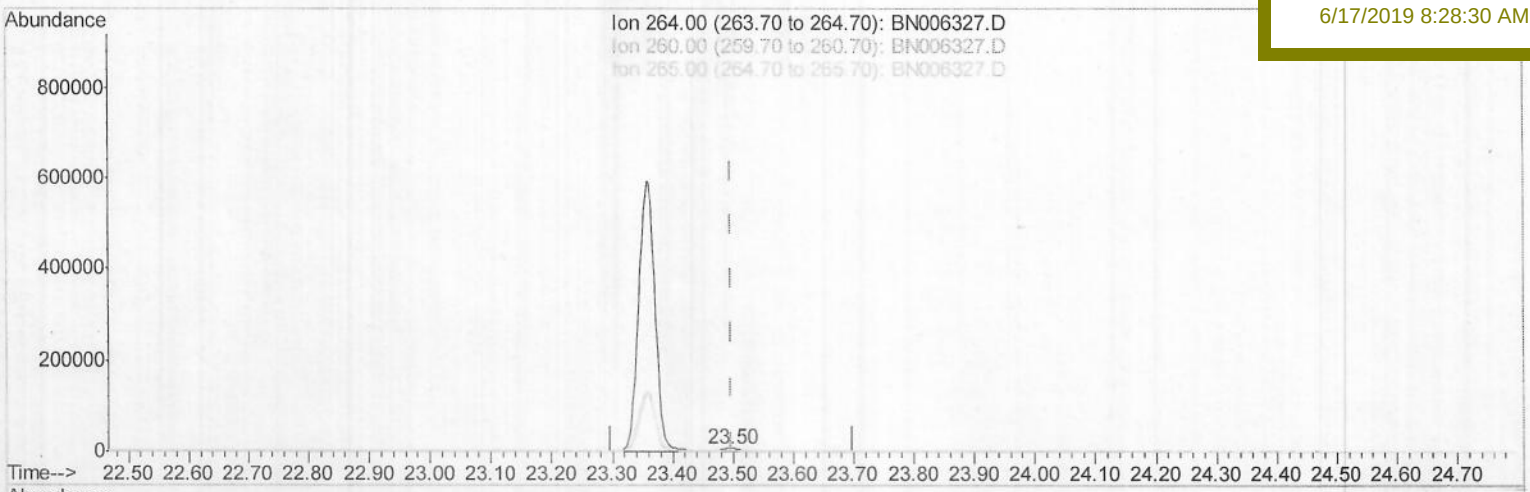
Quantitation Report (Qedit)

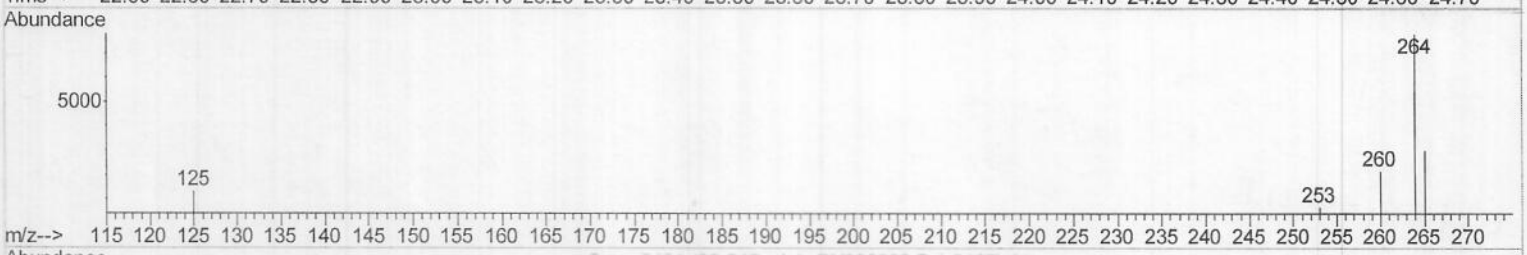
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

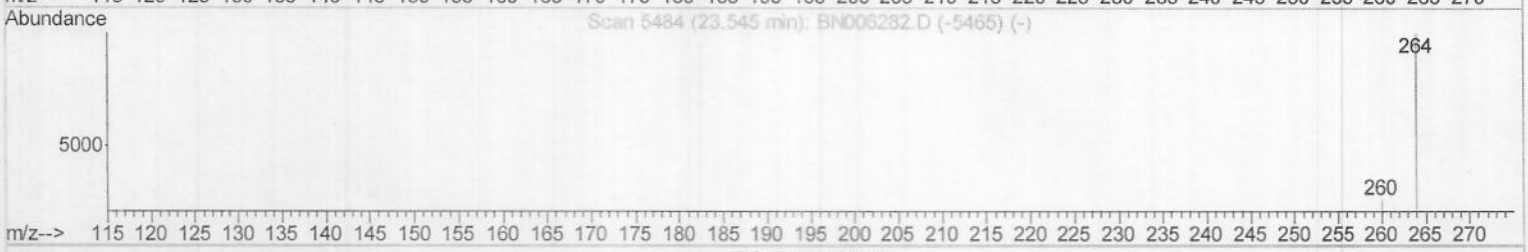
Quant Time: Jun 14 16:37:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM







TIC: BN006327.D

(20) Perylene-d12 (I)

23.495min (-0.003) 0.40ng/ul

response 20158

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.34
265.00	44.70	38.14
0.00	0.00	0.00

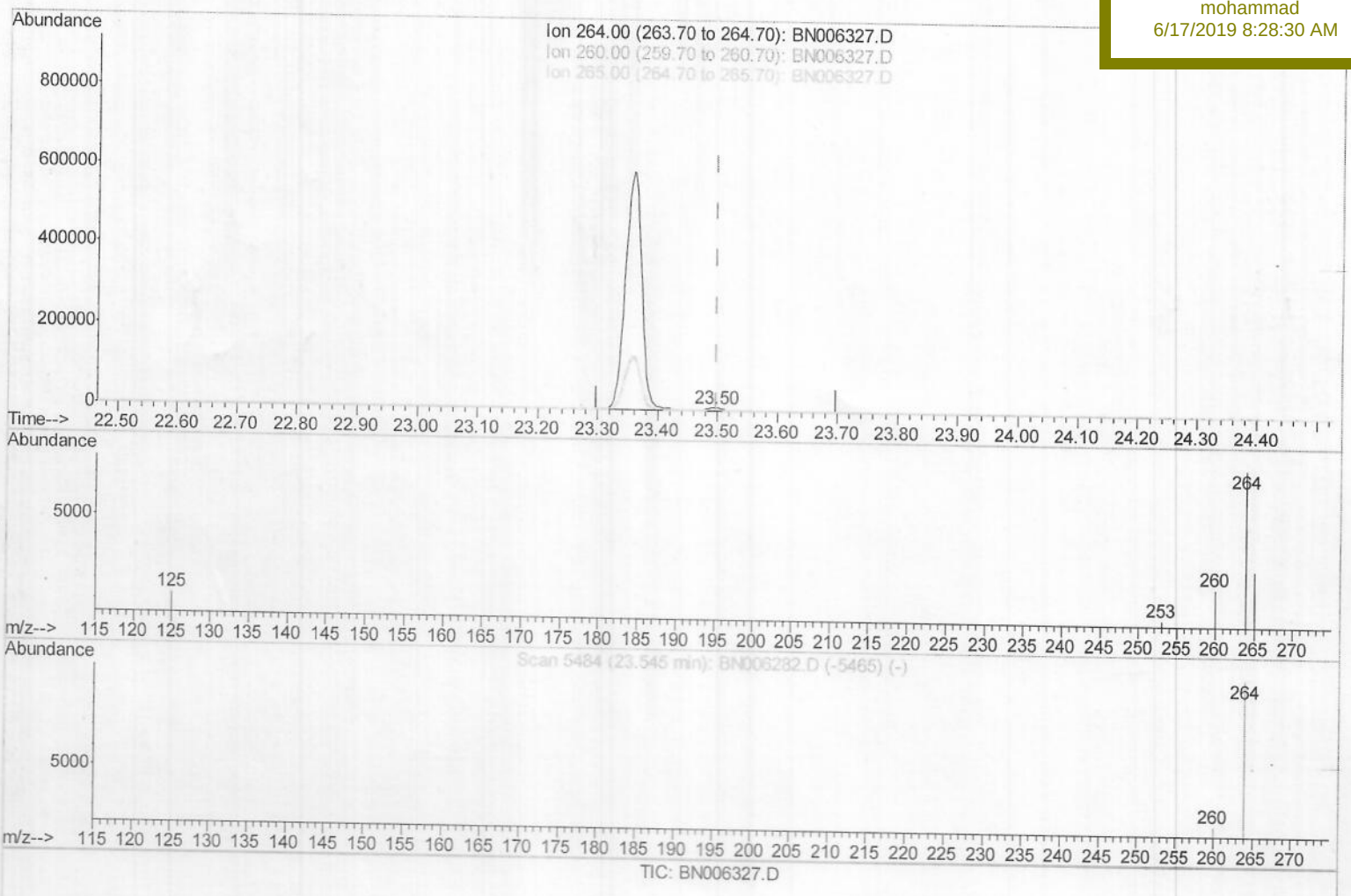
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:37:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM



(20) Perylene-d12 (I)

23.495min (-0.003) 0.40ng/ul m > JU 06/20/19

response 9999

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.34
265.00	44.70	38.14
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006327.D
Acq On : 14 Jun 2019 09:54
Operator : JU/SJ
Sample : K3213-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : DB8K0

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3320	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14903	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11353	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16646m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11817m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	9999m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	10374	0.45	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	17109m	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	36412	0.885	ng/ul#	93
5) 2-Methylnaphthalene	12.09	142	11635	0.406	ng/ul#	1
8) Acenaphthene	14.35	153	3735	0.085	ng/ul#	56
9) Fluorene	15.35	166	6513	0.127	ng/ul#	82

JU 06/20/19

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