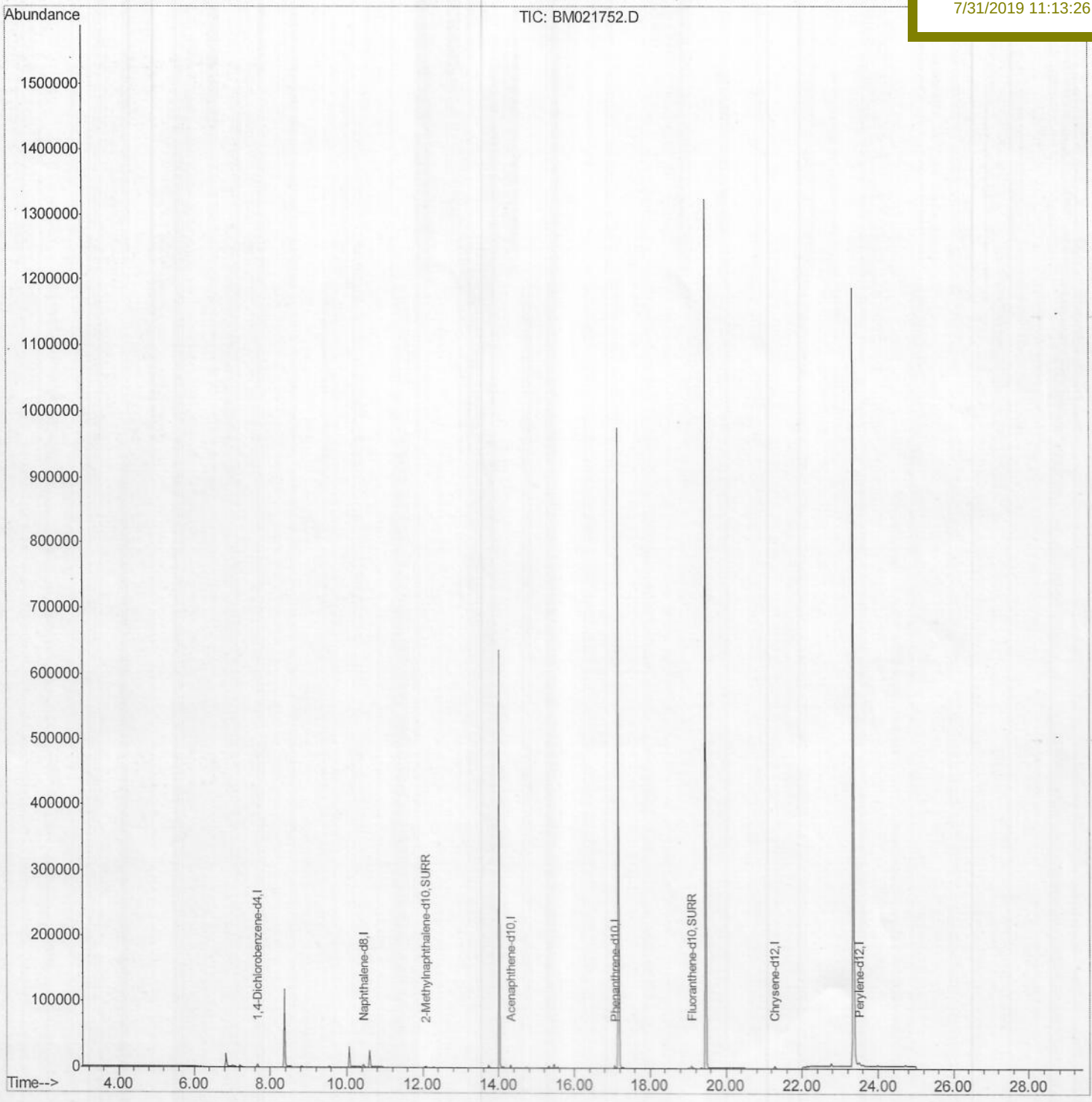
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:28:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK02

Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM



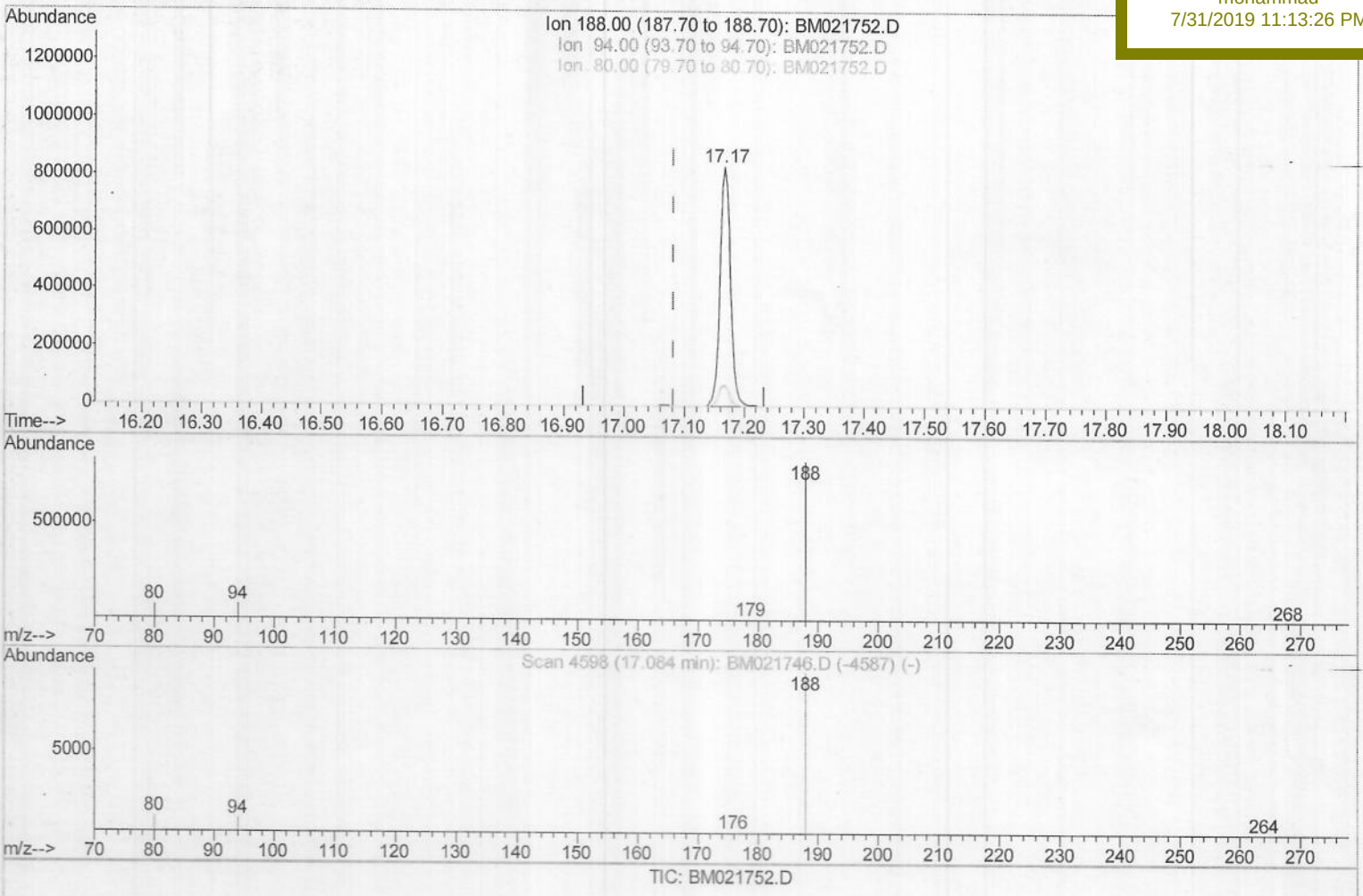
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:26:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK02

Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM



TIC: BM021752.D

(10) Phenanthrene-d10 (I)

17.168min (+0.083) 0.40ng/ul

response 1017952

Ion	Exp%	Act%
188.00	100	100
94.00	10.50	8.70
80.00	12.10	8.27#
0.00	0.00	0.00

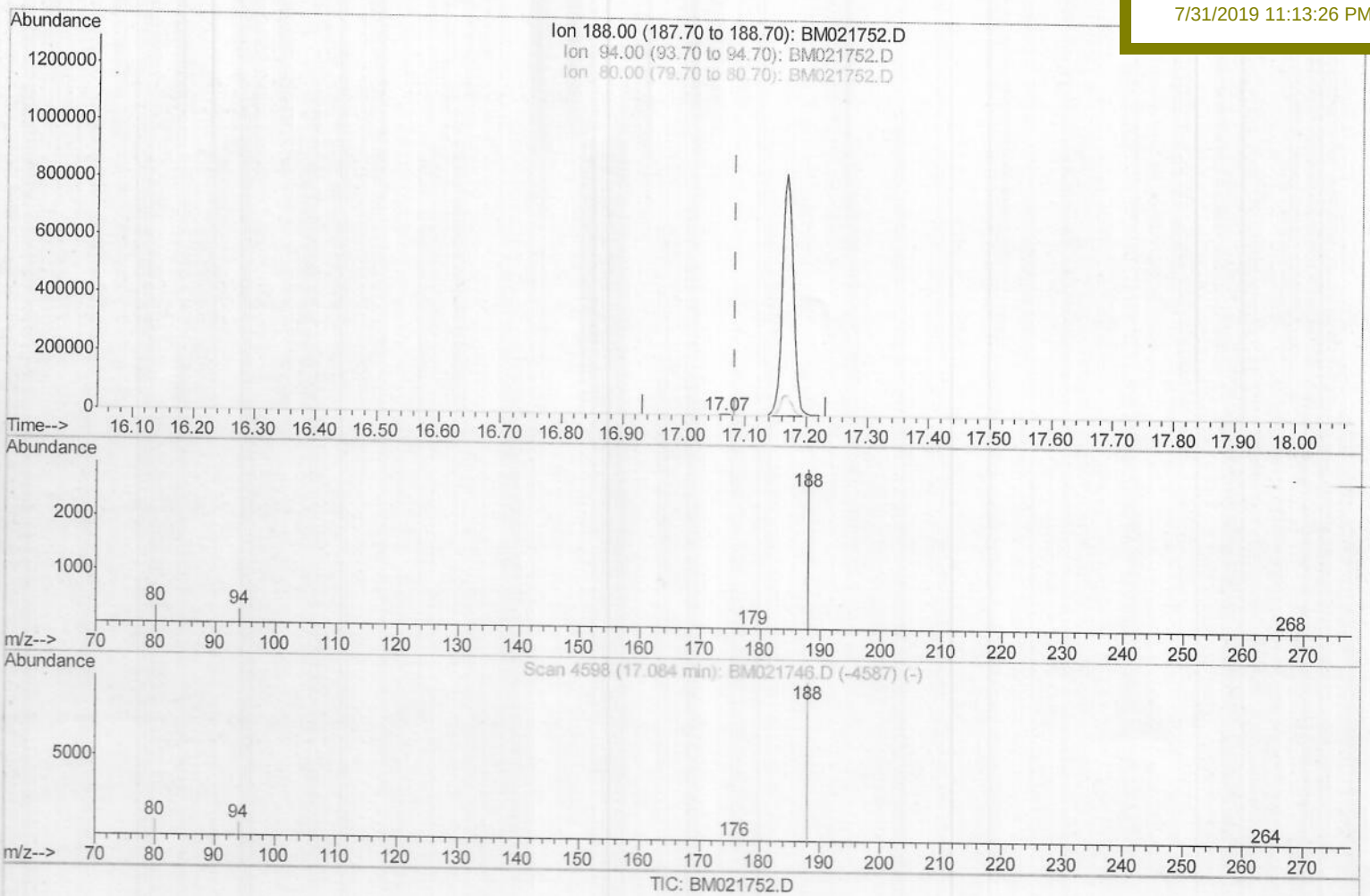
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:26:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK02

Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM



TIC: BM021752.D

(10) Phenanthrene-d10 (I)

17.067min (-0.017) 0.40ng/ul m

response 4284

JU 07/31/19

Ion	Exp%	Act%
188.00	100	100
94.00	10.50	9.93
80.00	12.10	11.31
0.00	0.00	0.00

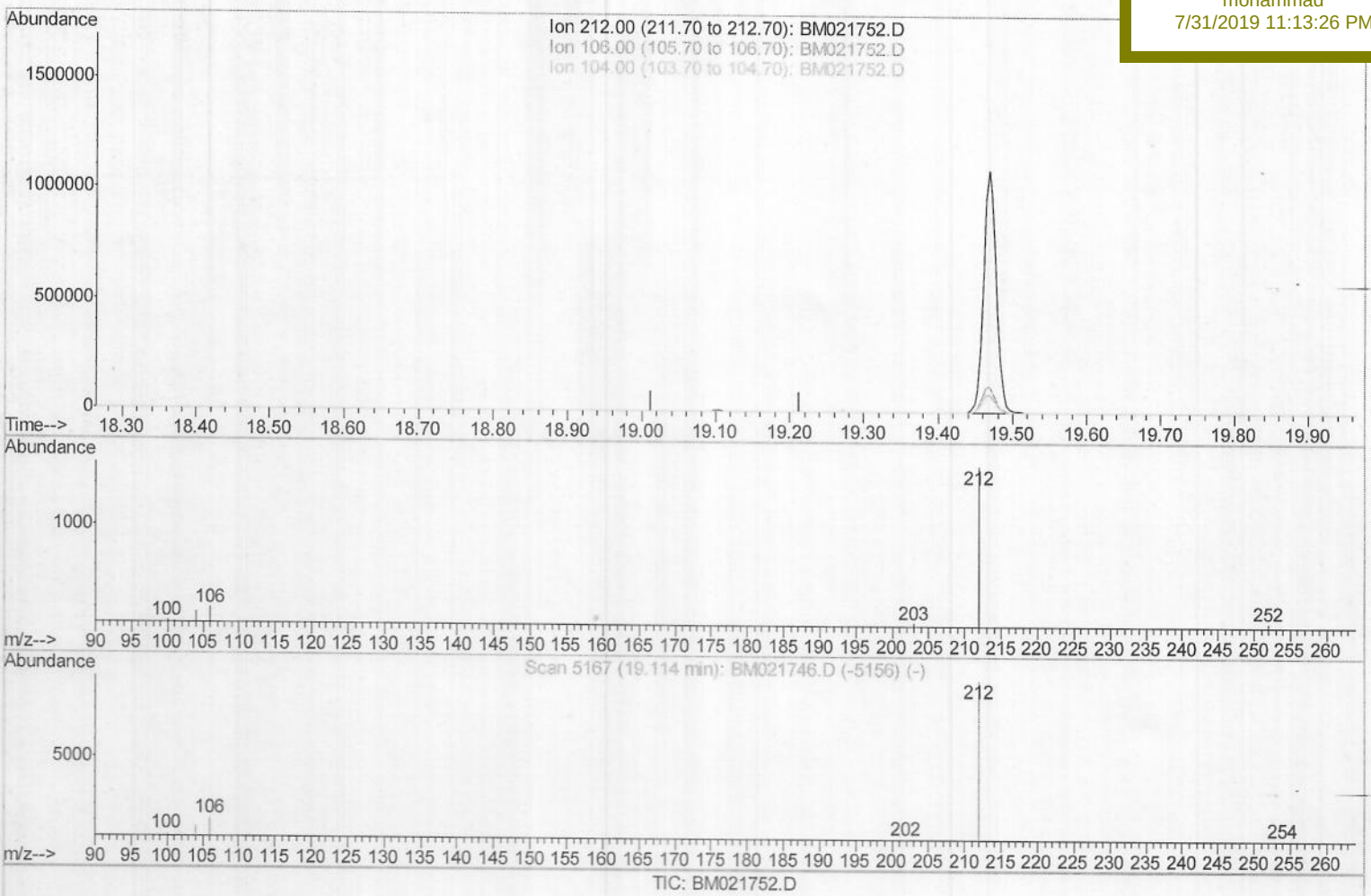
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK02

Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM



TIC: BM021752.D

(14) Fluoranthene-d10 (SURR)

19.114min (-19.114) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	11.90	0.00#
104.00	6.80	0.00#
0.00	0.00	0.00

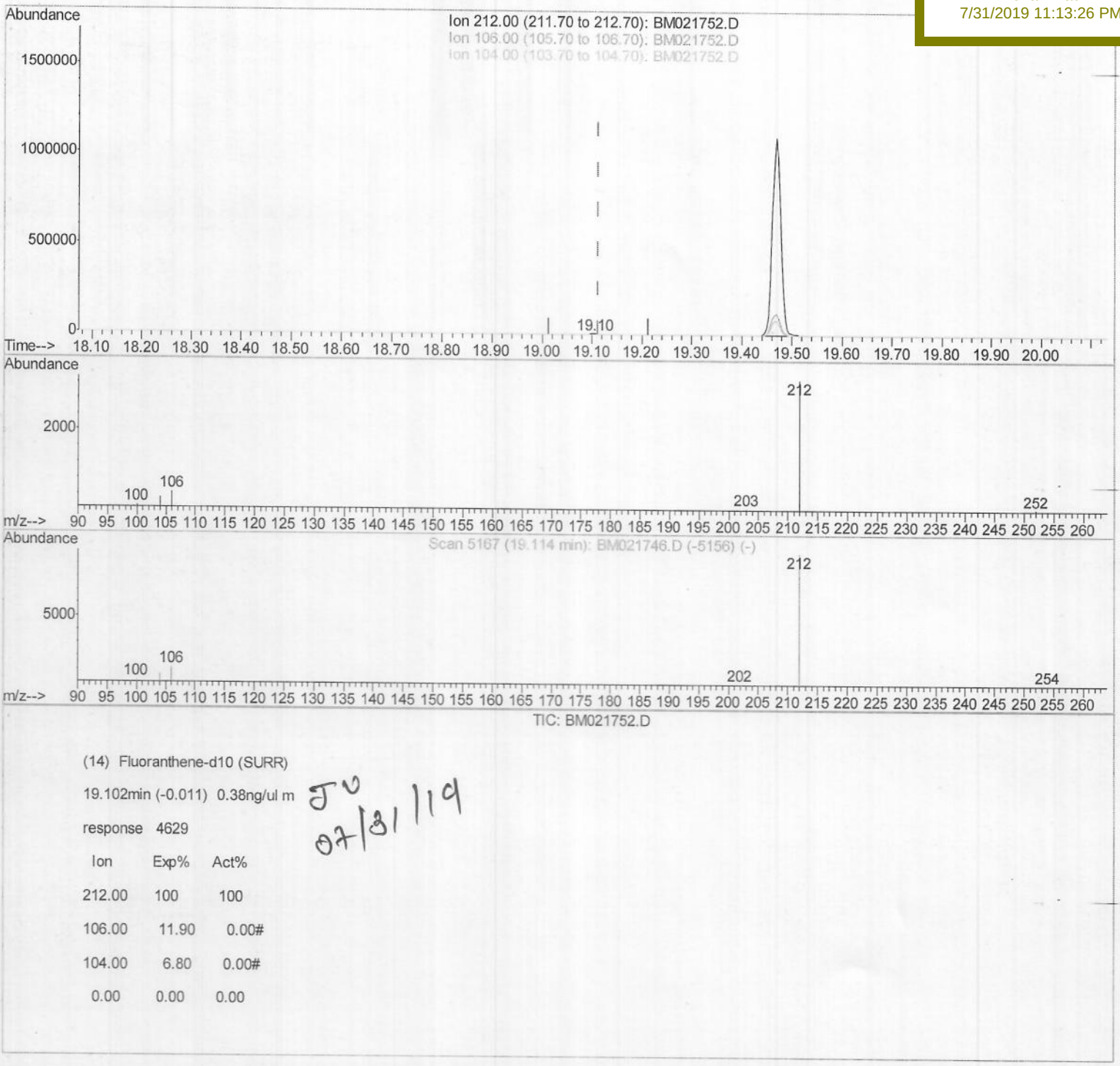
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK02

Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM



(14) Fluoranthene-d10 (SURR)

19.102min (-0.011) 0.38ng/ul m

response 4629

Ion	Exp%	Act%
212.00	100	100
106.00	11.90	0.00#
104.00	6.80	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK02

Manual Integrations APPROVED
mohammad
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TIC: BM021752.D

(16) Chrysene-d12 (I)

21.275min (-21.275) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.90	0.00#
236.00	31.00	0.00#
0.00	0.00	0.00

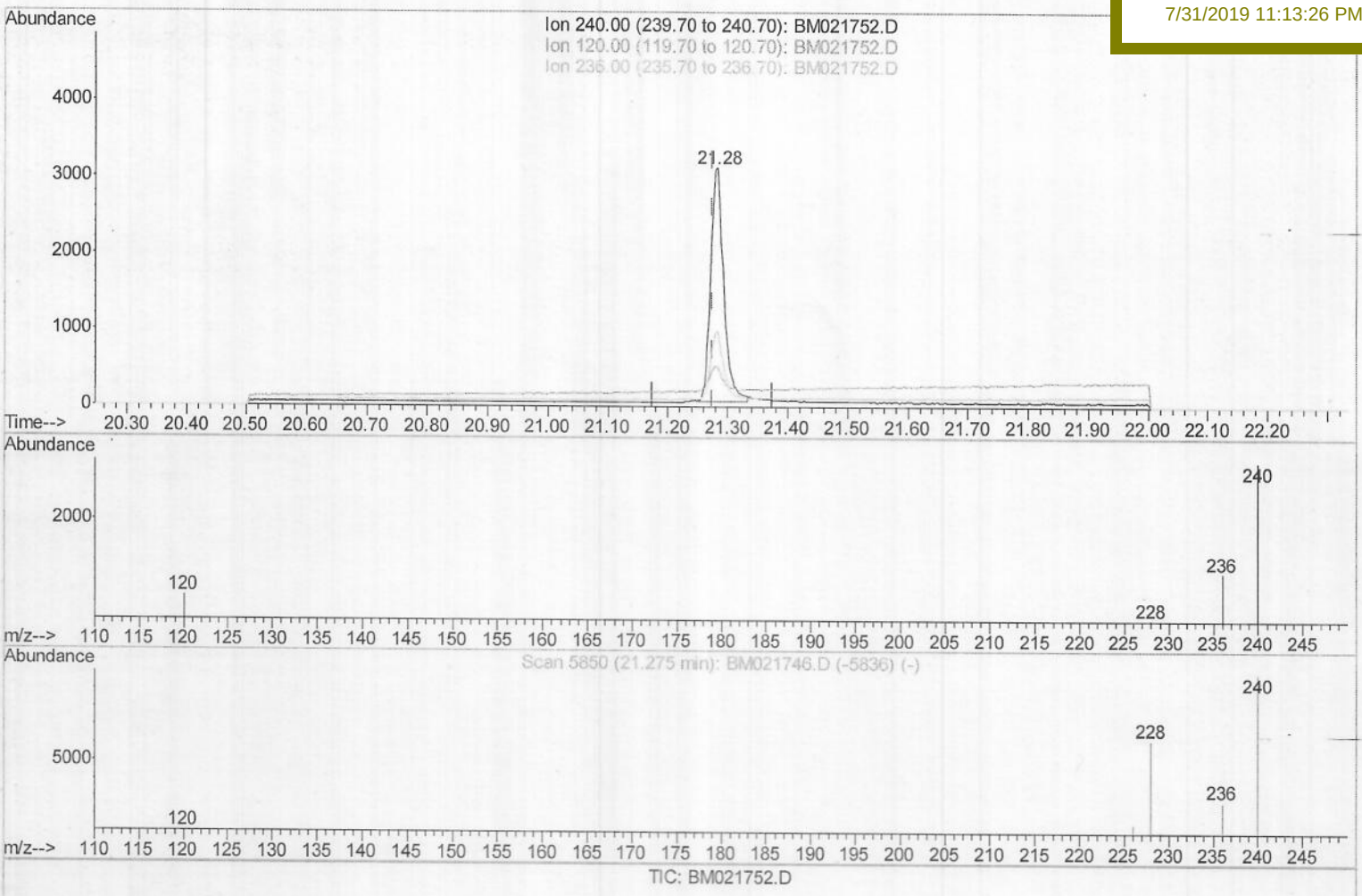
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK02

Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM



TIC: BM021752.D

(16) Chrysene-d12 (I)

21.282min (+0.007) 0.40ng/ul m JU 07/31/19

response 4721

Ion	Exp%	Act%
240.00	100	100
120.00	16.90	16.66
236.00	31.00	31.27
0.00	0.00	0.00

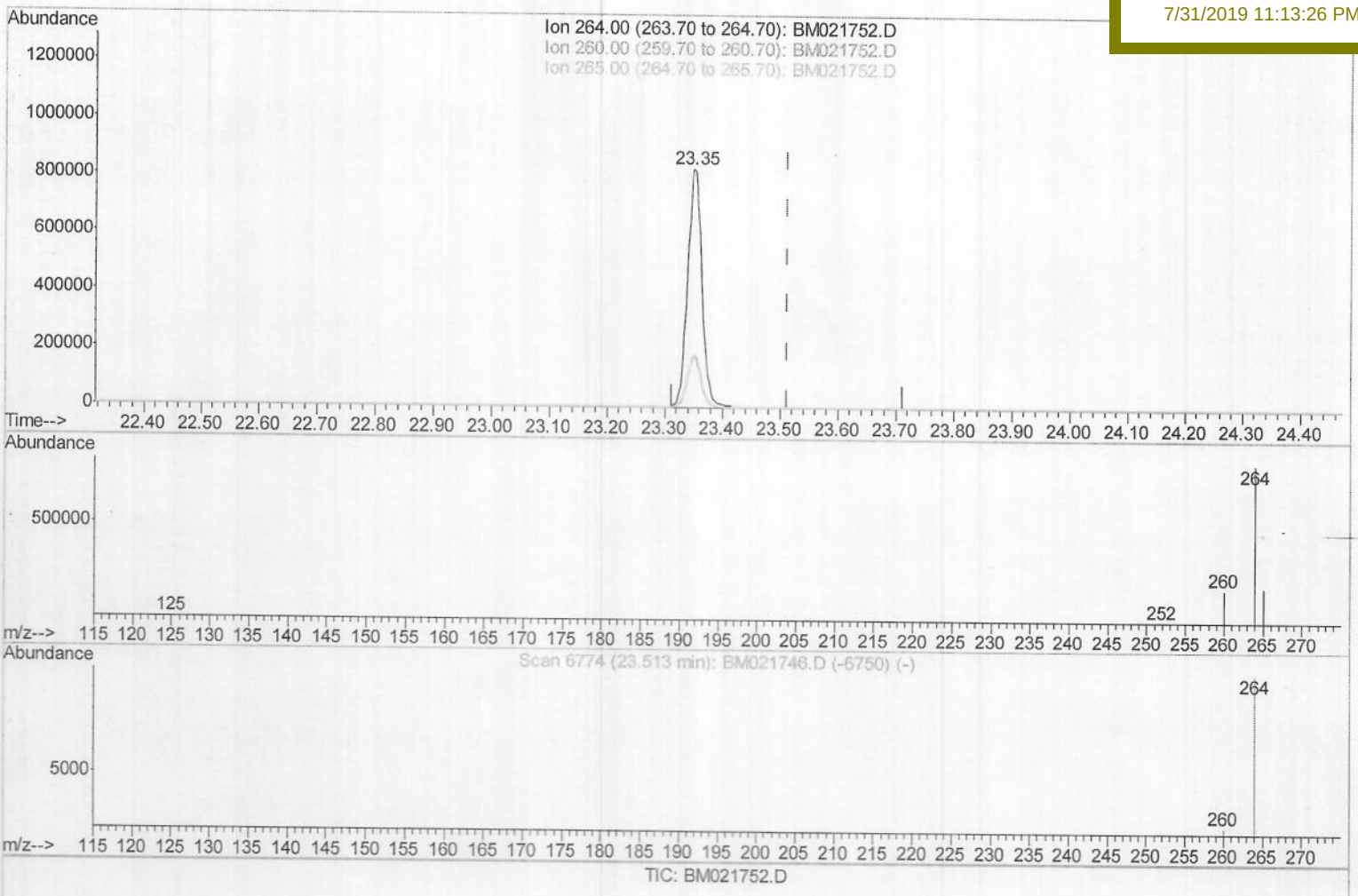
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:27:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK02

Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM



TIC: BM021752.D

(20) Perylene-d12 (I)

23.350min (-0.162) 0.40ng/ul

response 1429704

Ion	Exp%	Act%
264.00	100	100
260.00	27.30	21.02#
265.00	115.70	21.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:27:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 19:12:33 2019
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BNA_M
ClientSampleId :
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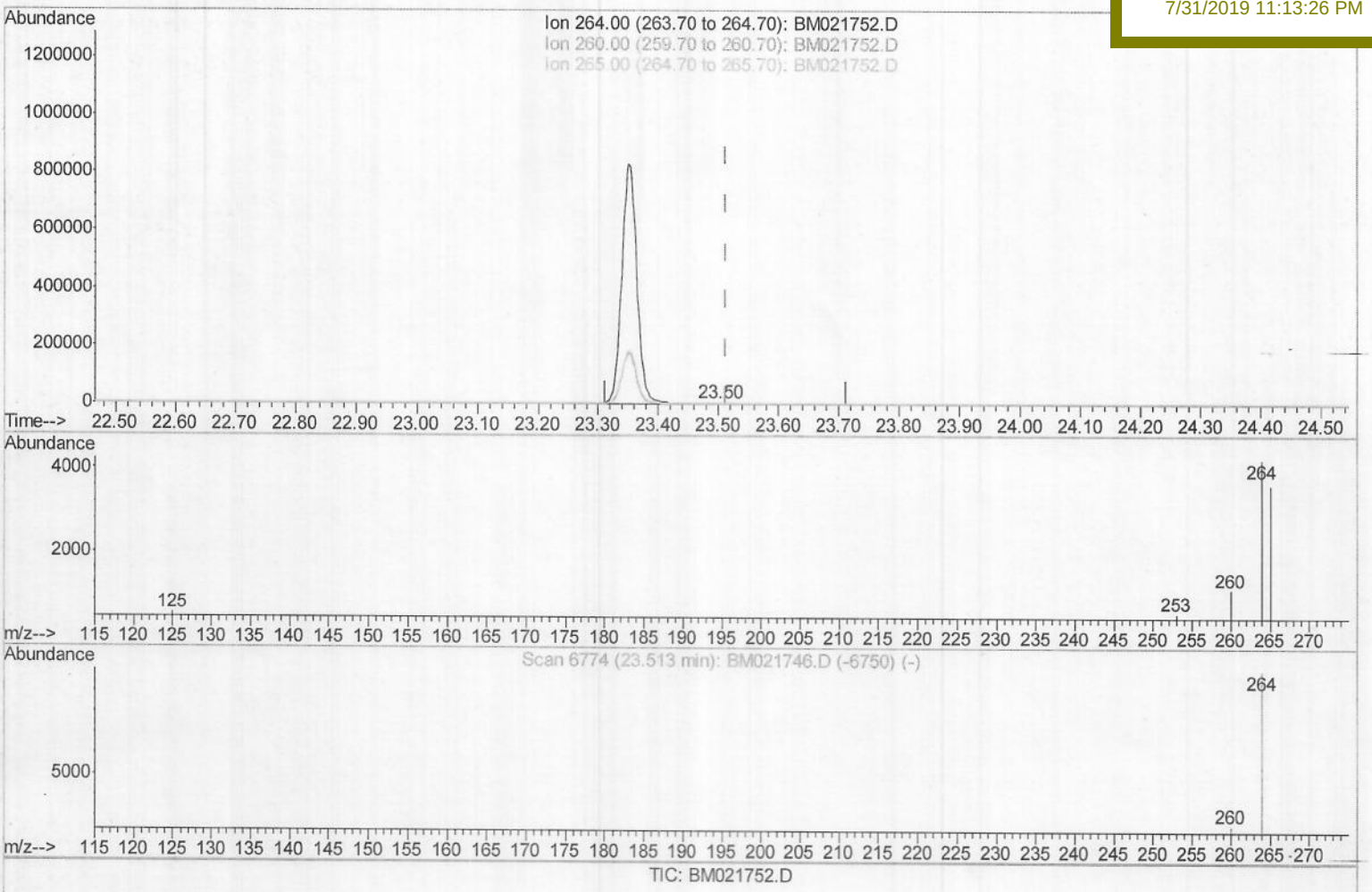
Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM



(20) Perylene-d12 (I)

23.501min (-0.012) 0.40ng/ul m

response 5629

Ion	Exp%	Act%
264.00	100	100
260.00	27.30	25.77
265.00	115.70	85.62#
0.00	0.00	0.00

07/31/19

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
Data File : BM021752.D
Acq On : 31 Jul 2019 19:52
Operator : HP/JU
Sample : PB121602BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 31 20:28:32 2019
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QLast Update : Wed Jul 31 19:12:33 2019
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Instrument : BNA_M
ClientSampleId : SBLK02

Manual Integrations APPROVED
mohammad
7/31/2019 11:13:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1666	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	4281	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.31	164	1679	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.07	188	4284m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	4721m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	5629m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1781	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	4629m	0.38	ng/ul	-0.01
Target Compounds						Qvalue

JU 07/31/19

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