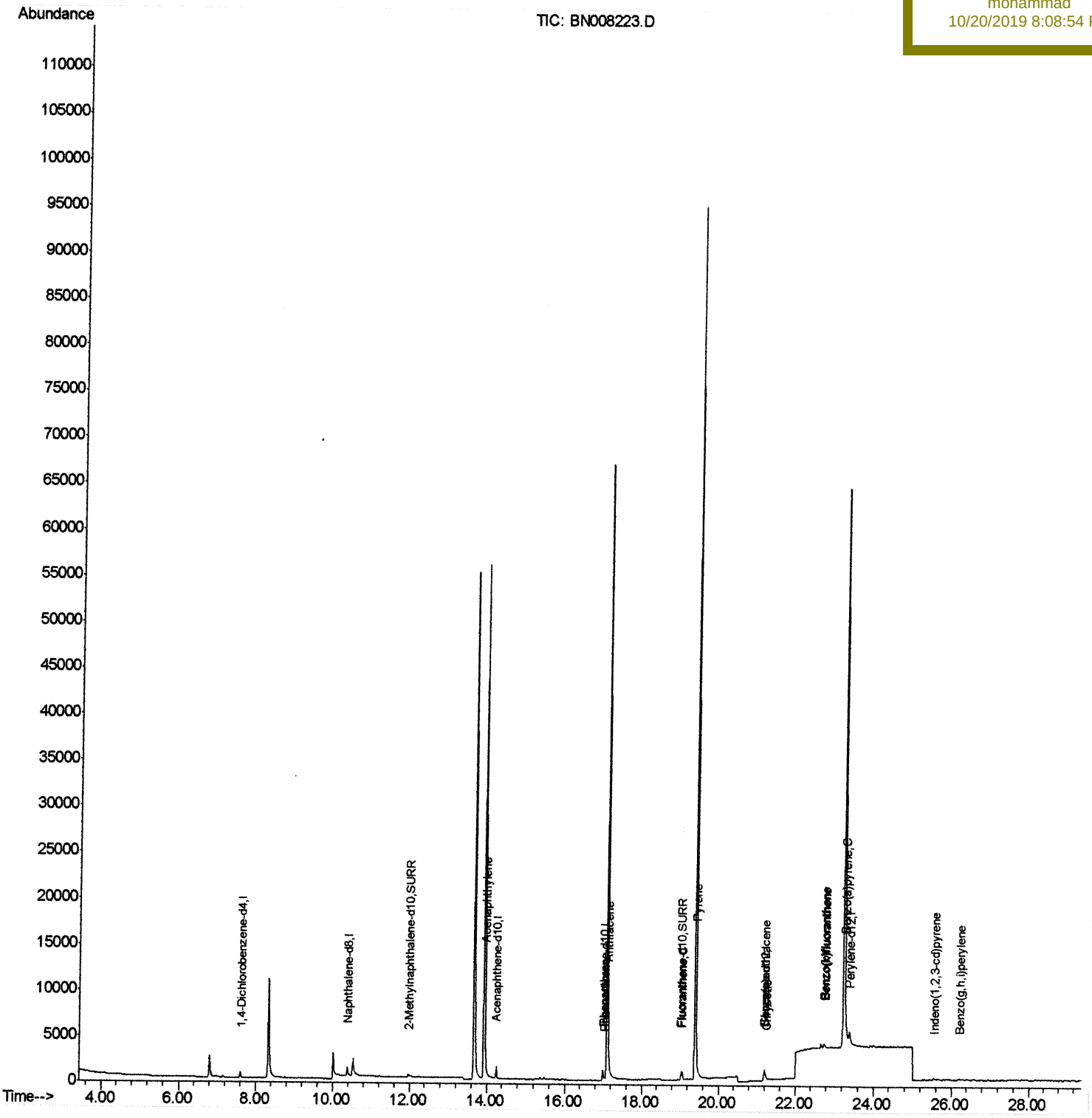
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 18 02:51:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM



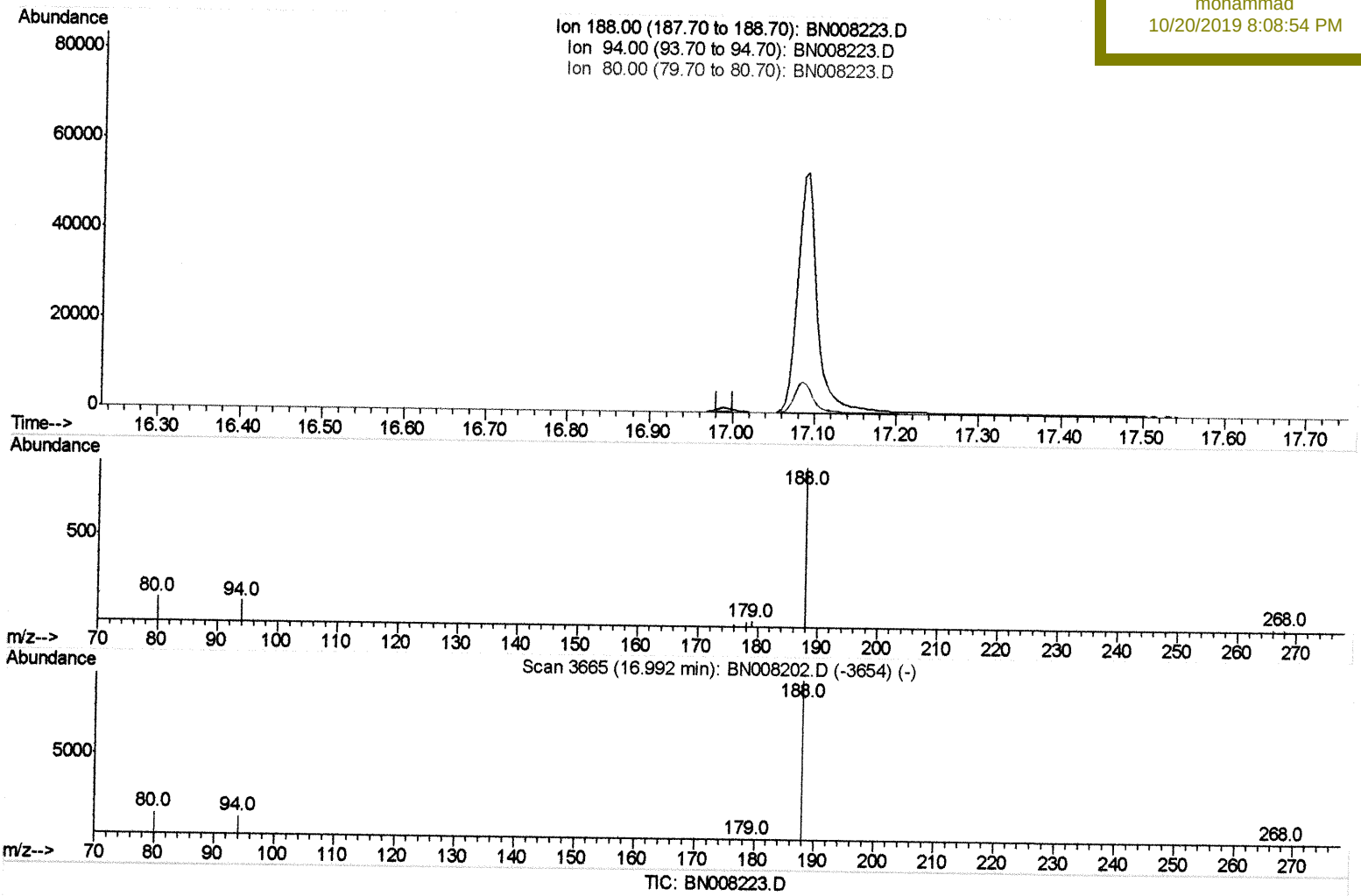
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 18 01:58:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM



Scan 3665 (16.992 min): BN008202.D (-3654) (-)

TIC: BN008223.D

(10) Phenanthrene-d10 (I)

16.992min (-16.992) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
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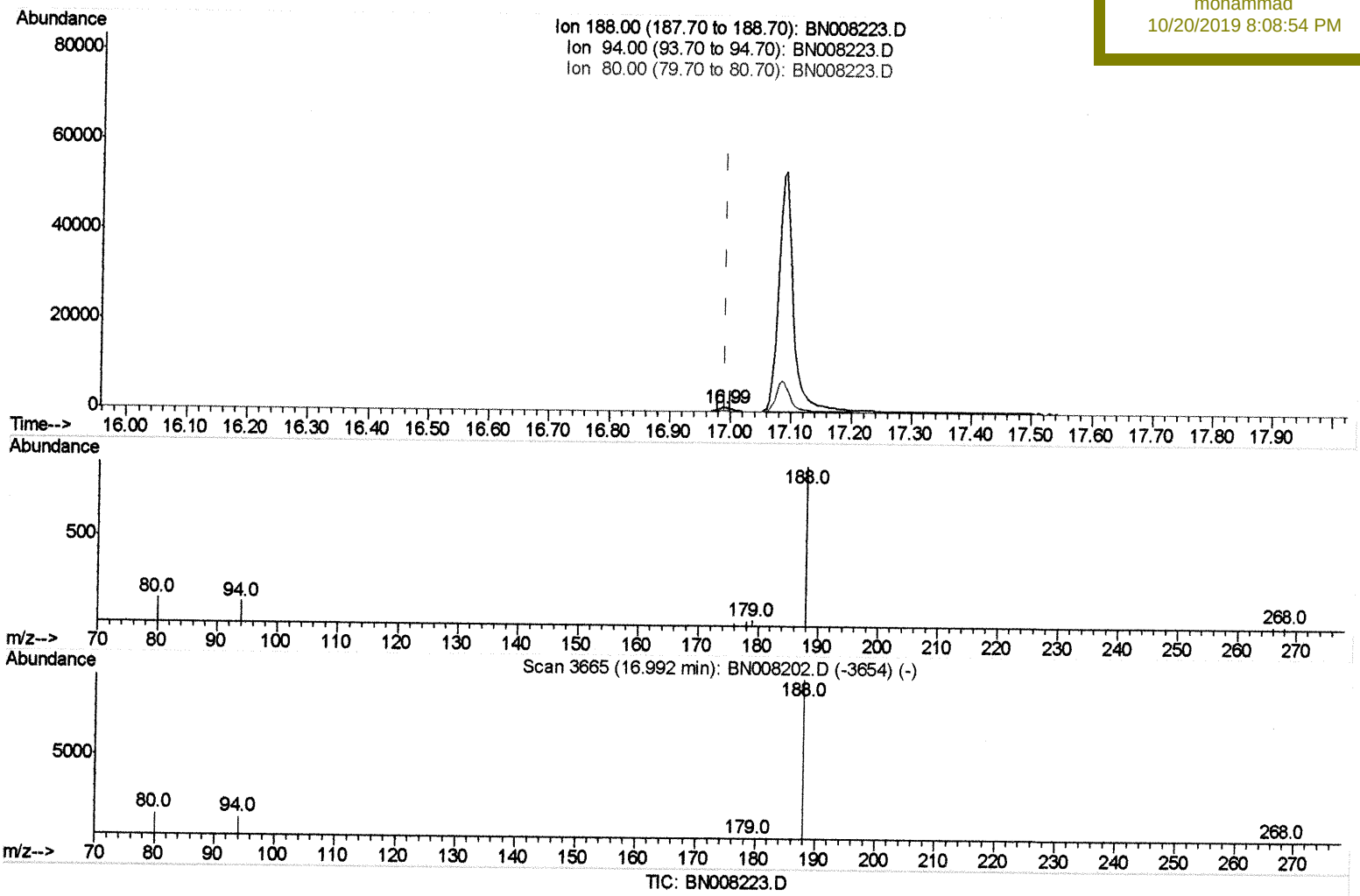

(10) Phenanthrene-d10 (I)

16.992min (+0.000) 0.40ng/ul m

response 1394

JU 10/21/19

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	17.32#
80.00	12.60	19.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

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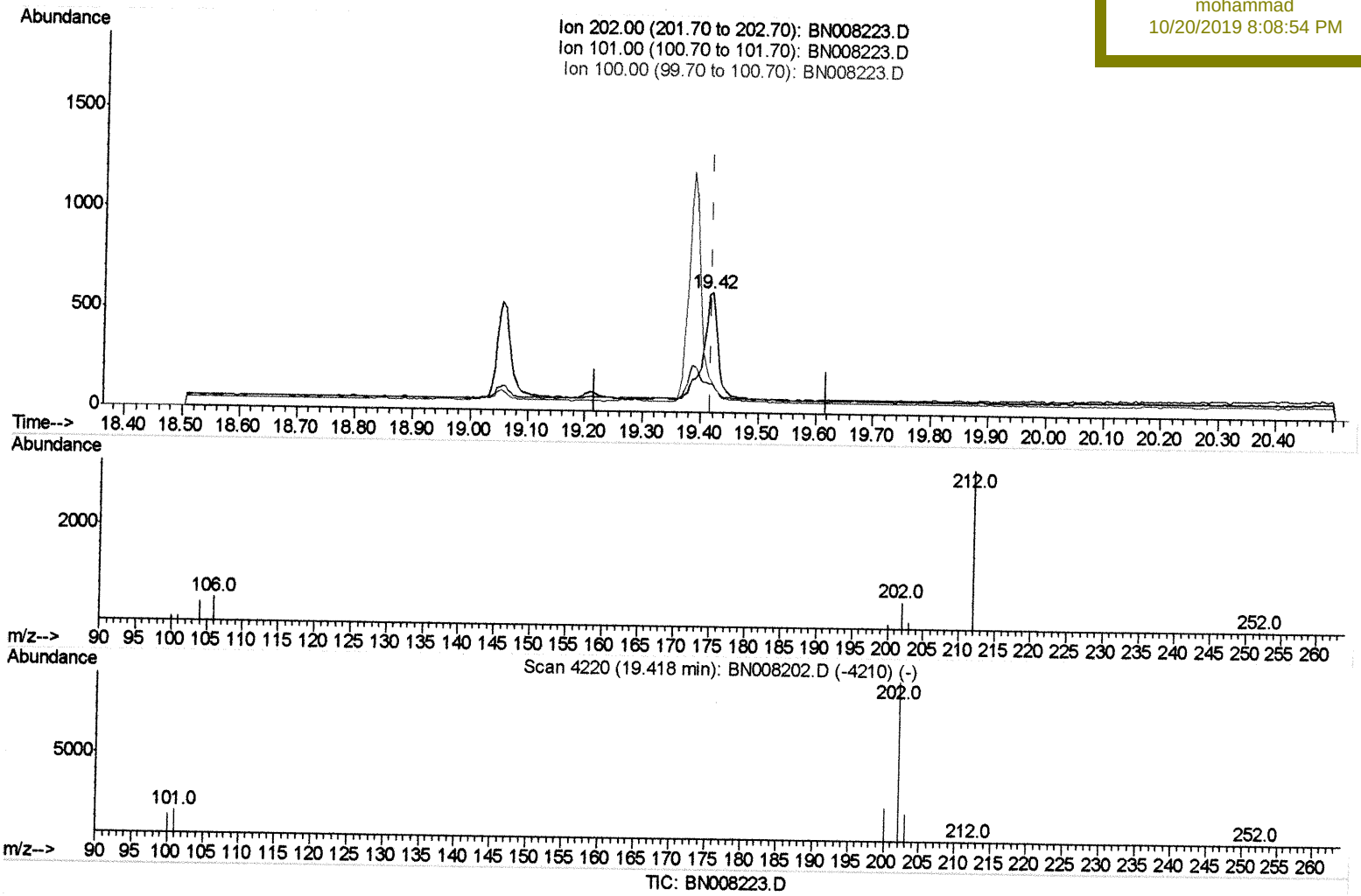
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 18 02:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM



TIC: BN008223.D

(17) Pyrene

19.418min (+0.000) 0.20ng/ul

response 980

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	23.67#
100.00	10.90	25.67#
0.00	0.00	0.00

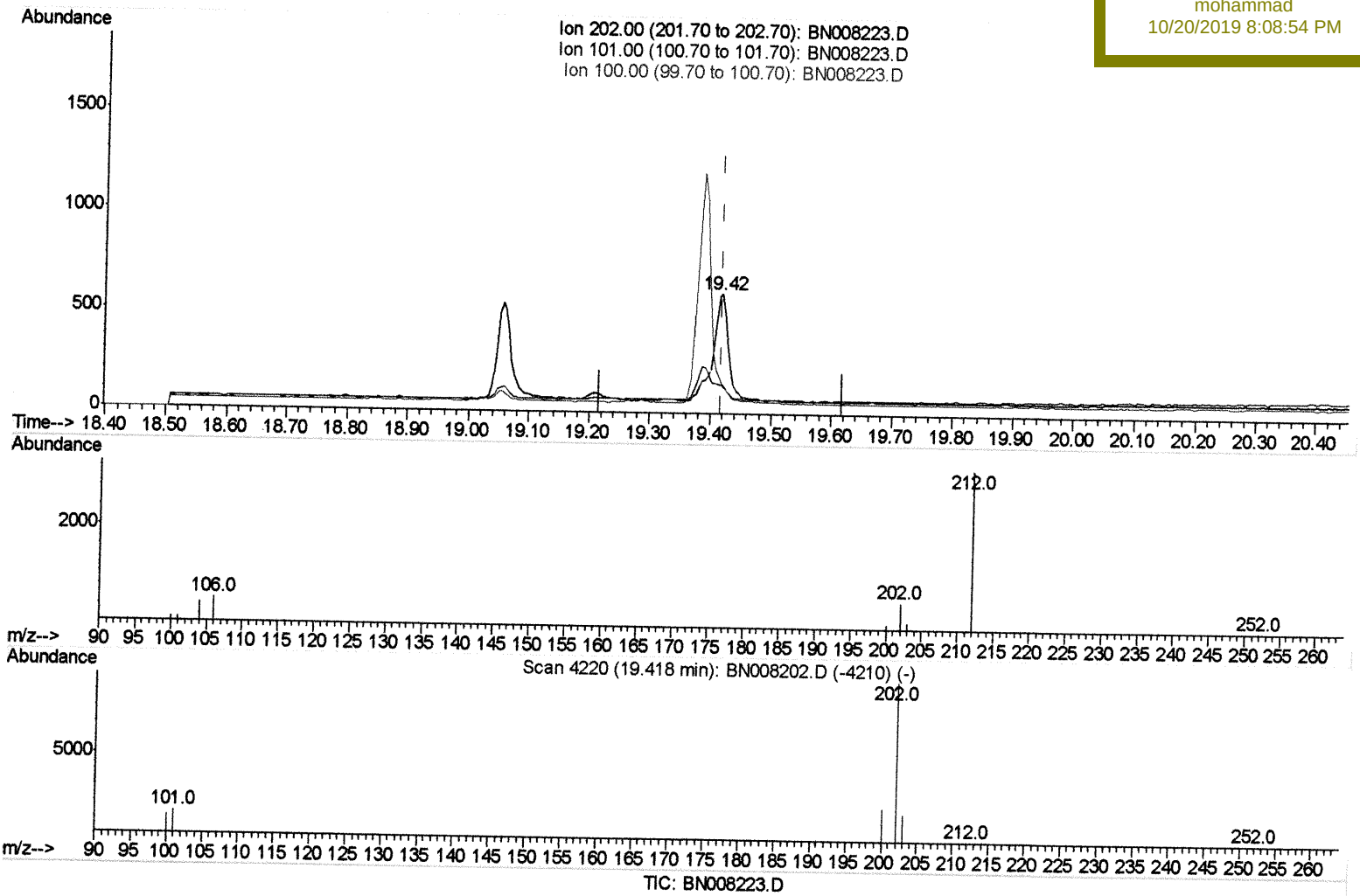
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 18 02:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM



(17) Pyrene

19.418min (+0.000) 0.15ng/ul m

response 732

JU 10/21/19

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	23.67#
100.00	10.90	25.67#
0.00	0.00	0.00

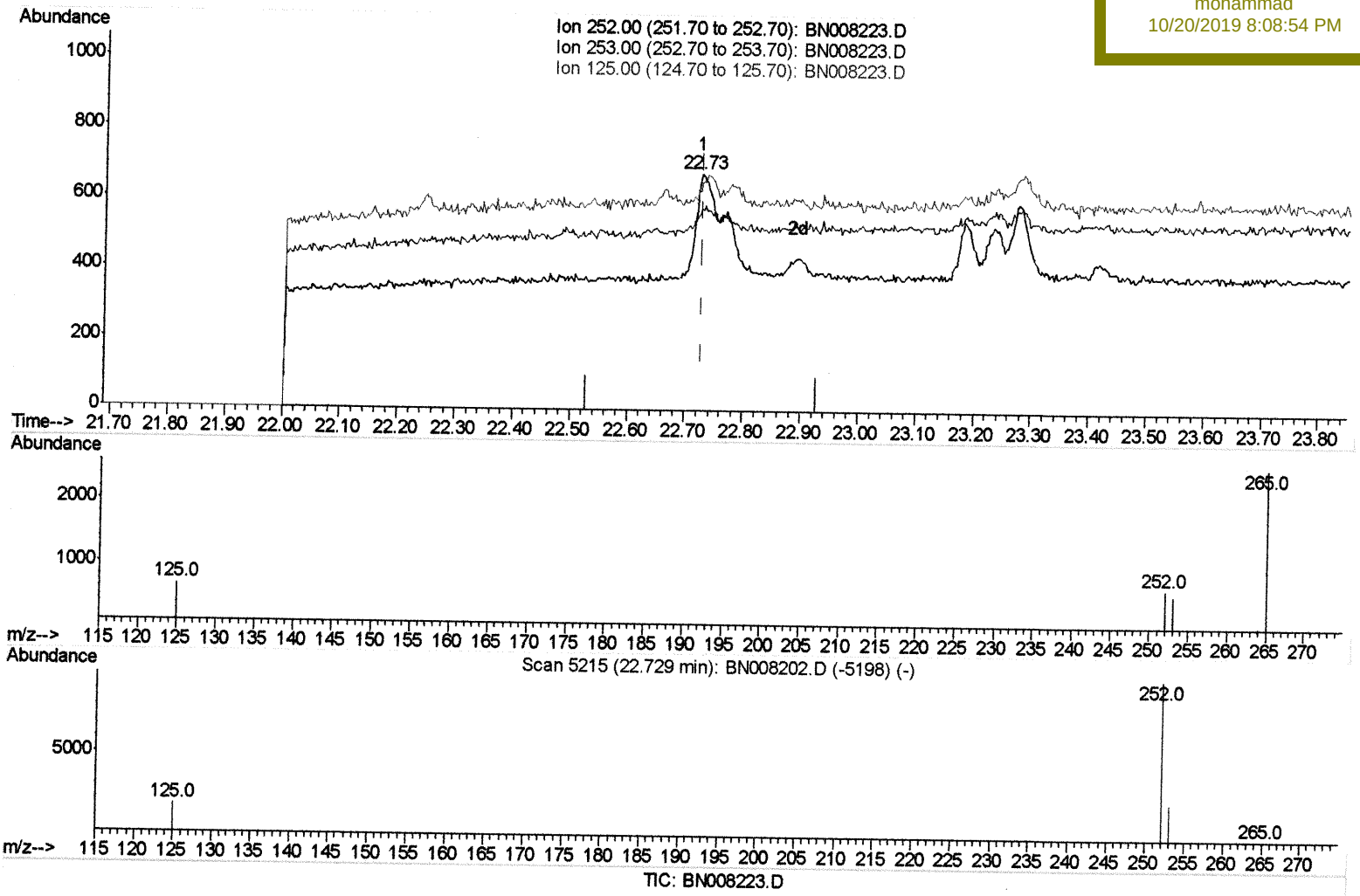
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 18 02:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM



TIC: BN008223.D

(21) Benzo(b)fluoranthene

22.726min (-0.003) 0.22ng/ul

response 1057

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	85.16#
125.00	16.20	96.44#
0.00	0.00	0.00

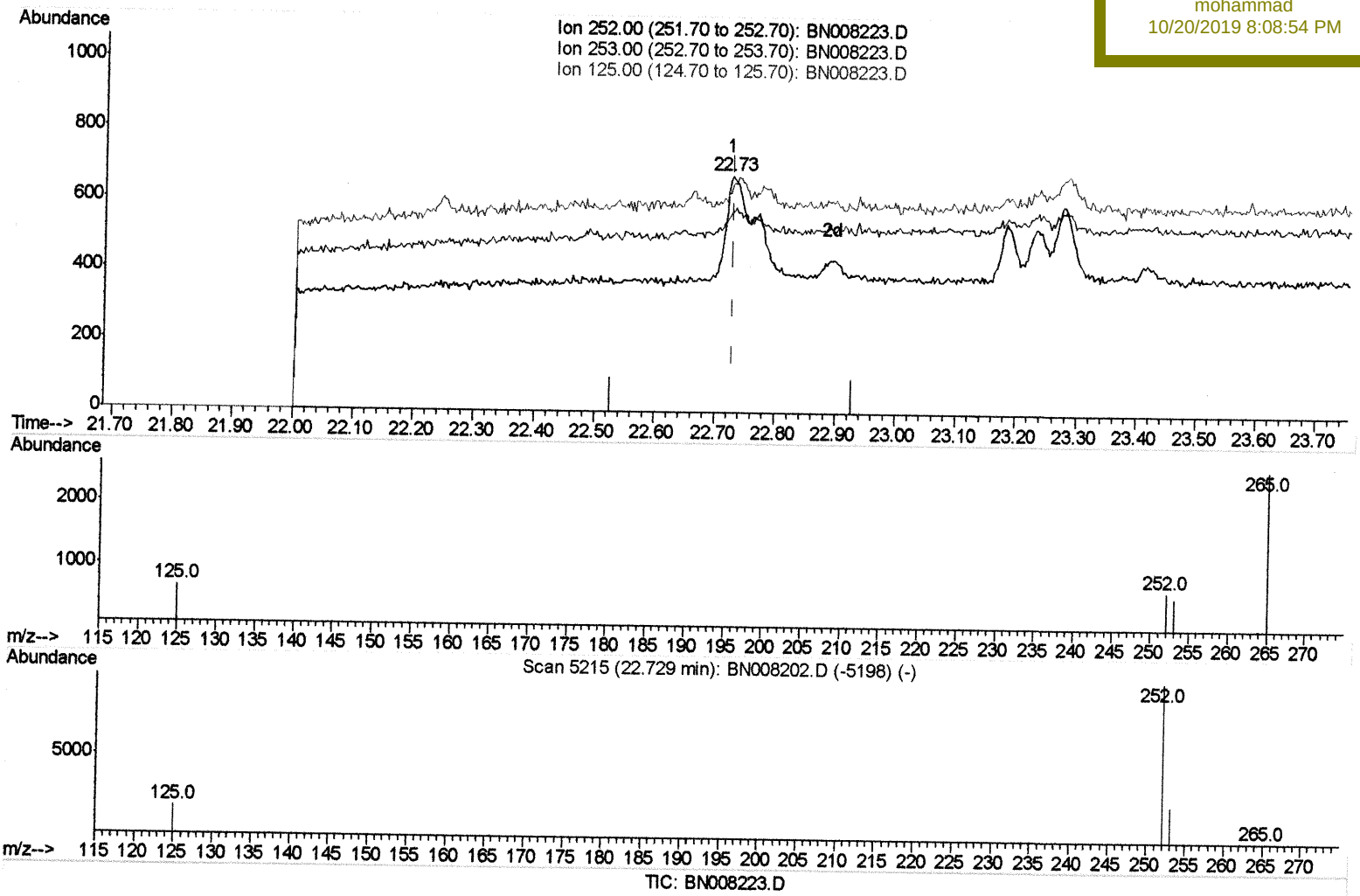
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 18 02:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM



TIC: BN008223.D

(21) Benzo(b)fluoranthene

22.726min (-0.003) 0.14ng/ul m

response 674

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	85.16#
125.00	16.20	96.44#
0.00	0.00	0.00

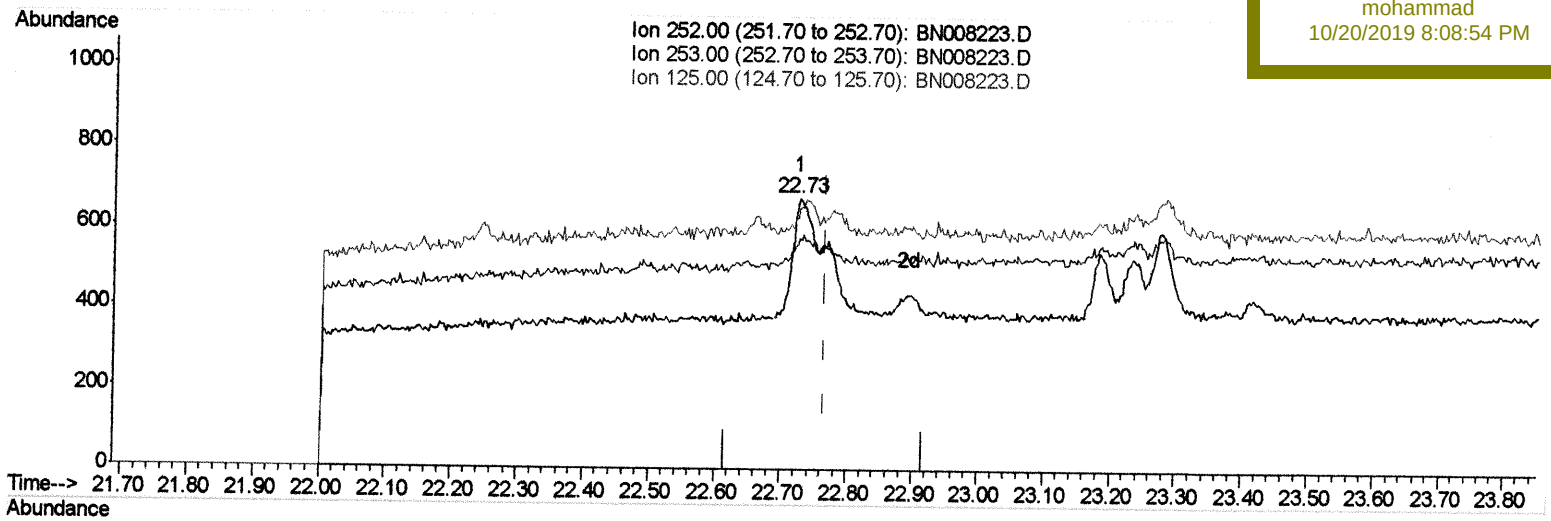
Quantitation Report (Qedit)

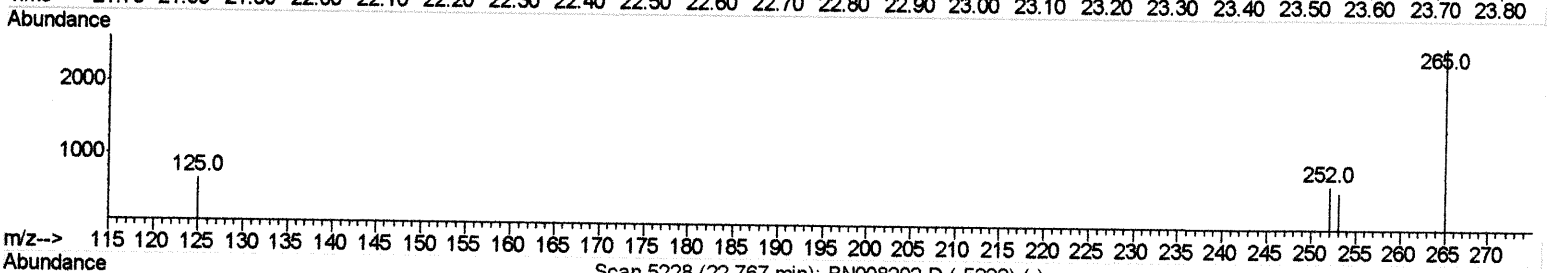
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

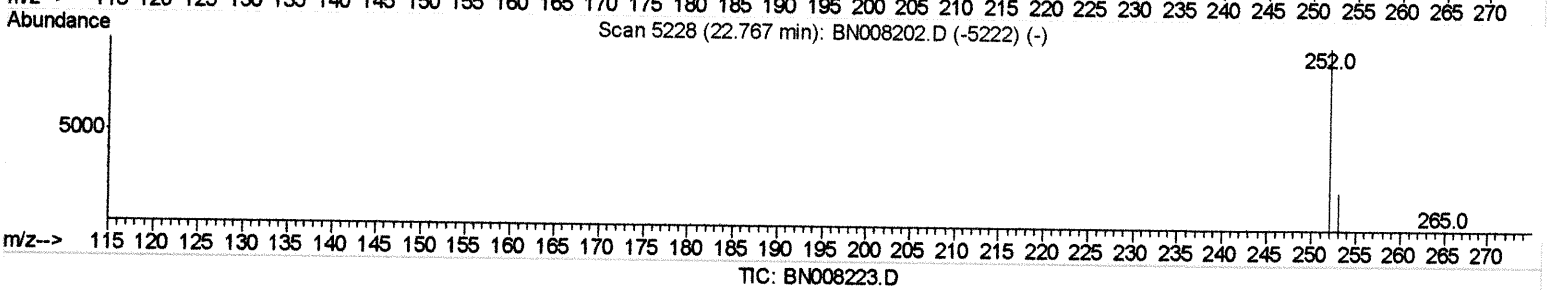
Quant Time: Oct 18 02:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPG7

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM







TIC: BN008223.D

(22) Benzo(k)fluoranthene

22.726min (-0.041) 0.19ng/ul

response 1057

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	85.16#
125.00	15.40	96.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 18 02:49:38 2019
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BNA_N
ClientSampleId :
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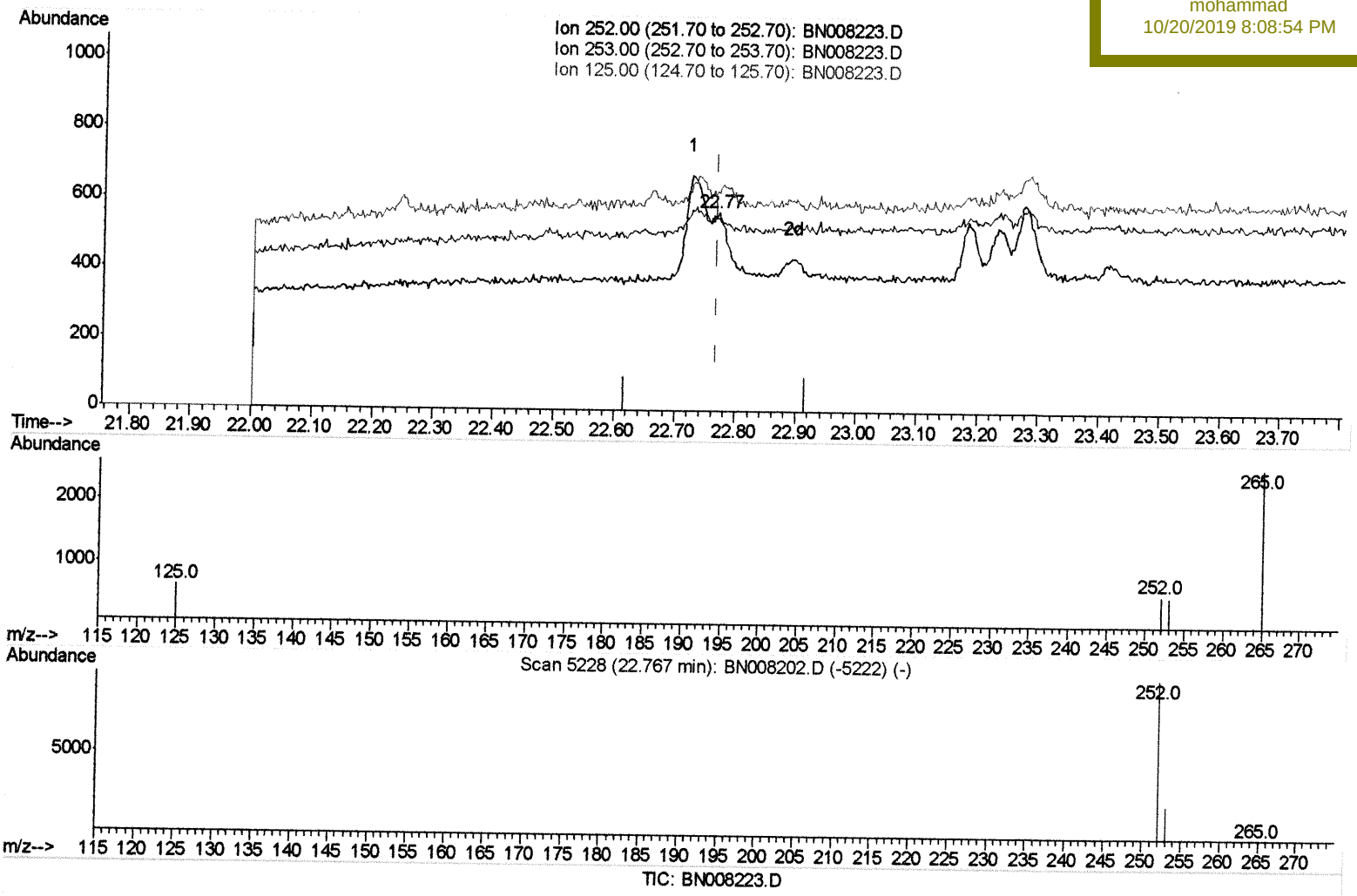
Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM



TIC: BN008223.D

(22) Benzo(k)fluoranthene

22.770min (+0.003) 0.05ng/ul m

response 260

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	96.65#
125.00	15.40	110.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
10/20/2019 8:08:54 PM

Quant Time: Oct 18 02:51:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	361	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	1438	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	781	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	1394m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	1223	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	1475	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	533	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1120	0.23	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.96	152	132	0.035	ng/ul#	10
12) Phenanthrene	17.03	178	391	0.096	ng/ul#	58
13) Anthracene	17.12	178	89	0.025	ng/ul#	1
15) Fluoranthene	19.06	202	823	0.153	ng/ul	72
17) Pyrene	19.42	202	732m	0.150	ng/ul	
18) Benzo(a)anthracene	21.18	228	477	0.107	ng/ul#	53
19) Chrysene	21.23	228	665	0.122	ng/ul#	66
21) Benzo(b)fluoranthene	22.73	252	674m	0.140	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	260m	0.048	ng/ul	
23) Benzo(a)pyrene	23.28	252	434	0.086	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.54	276	252	0.042	ng/ul#	57
26) Benzo(g,h,i)perylene	26.20	276	270	0.049	ng/ul#	1

JU 10/21/19

JU 10/21/19

JU 10/21/19

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