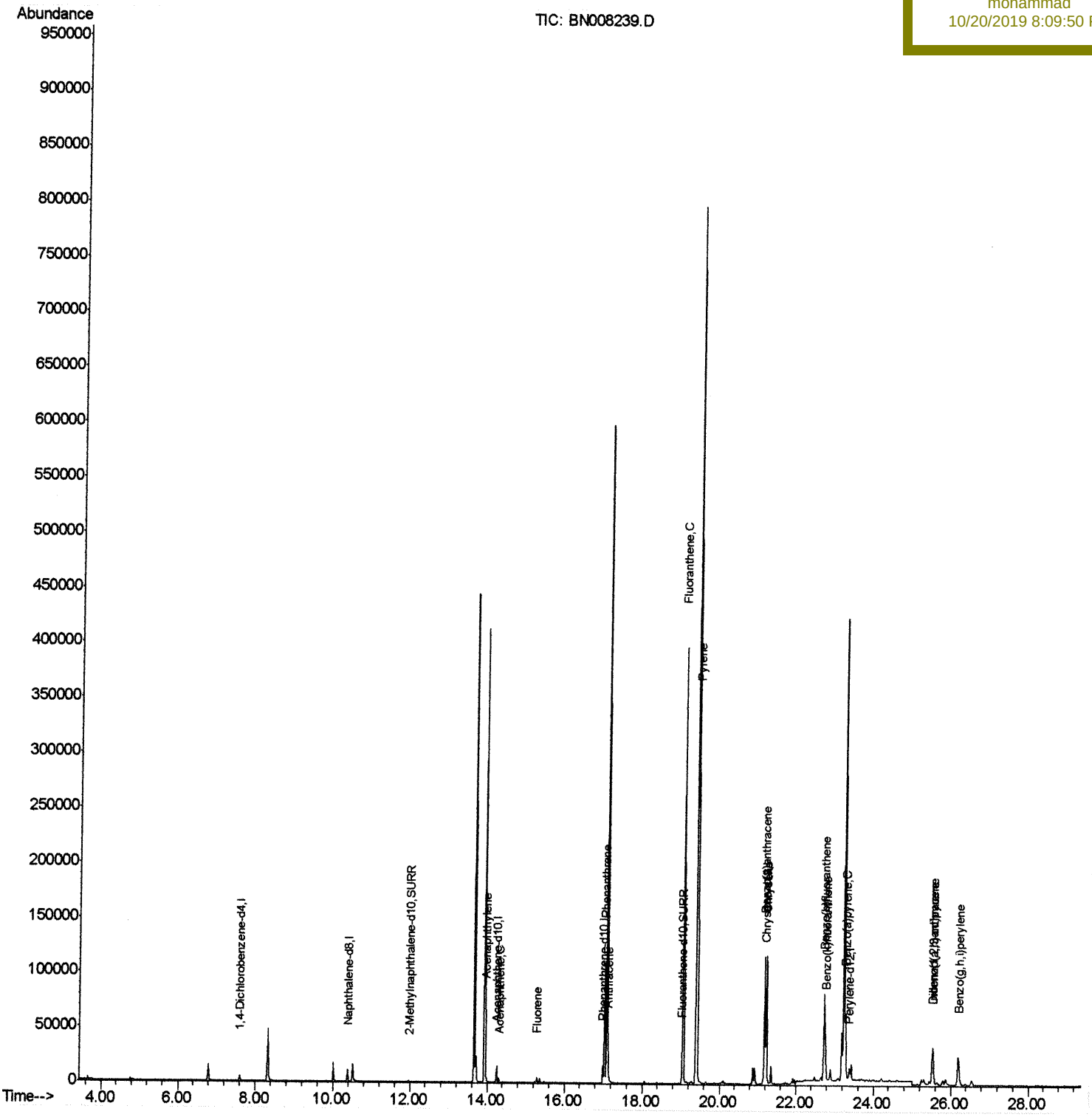
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008239.D
Acq On : 18 Oct 2019 01:57
Operator : JU
Sample : K5177-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 18 04:10:05 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 :
BEPC8

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:50 PM



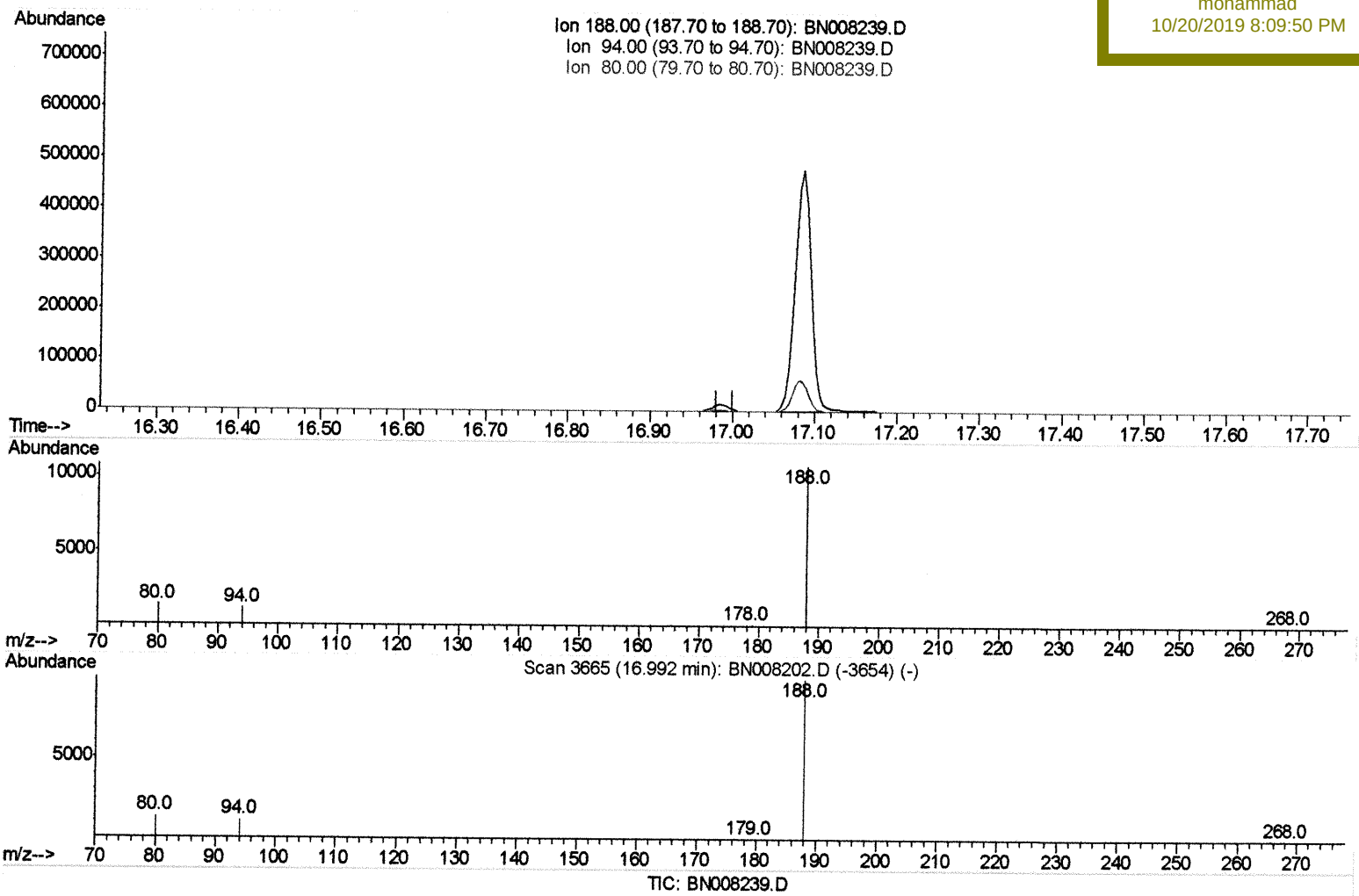
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008239.D
Acq On : 18 Oct 2019 01:57
Operator : JU
Sample : K5177-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 18 04:07:13 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 :
BEPC8

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:50 PM



TIC: BN008239.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 :
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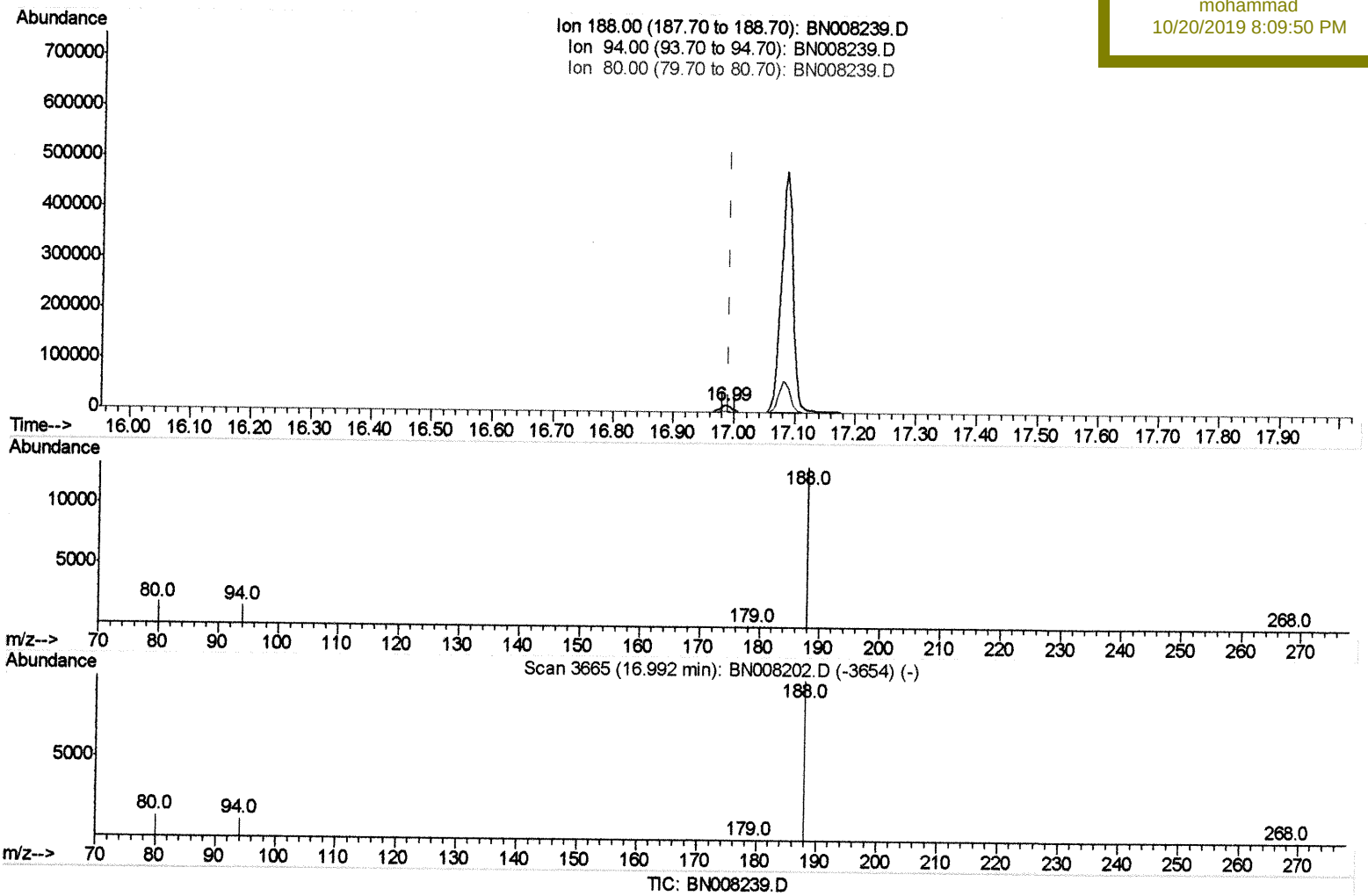
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:50 PM



TIC: BN008239.D

(10) Phenanthrene-d10 (I)

16.988min (-0.004) 0.40ng/ul m

response 18900

7/9/21/19

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.47
80.00	12.60	13.31
0.00	0.00	0.00

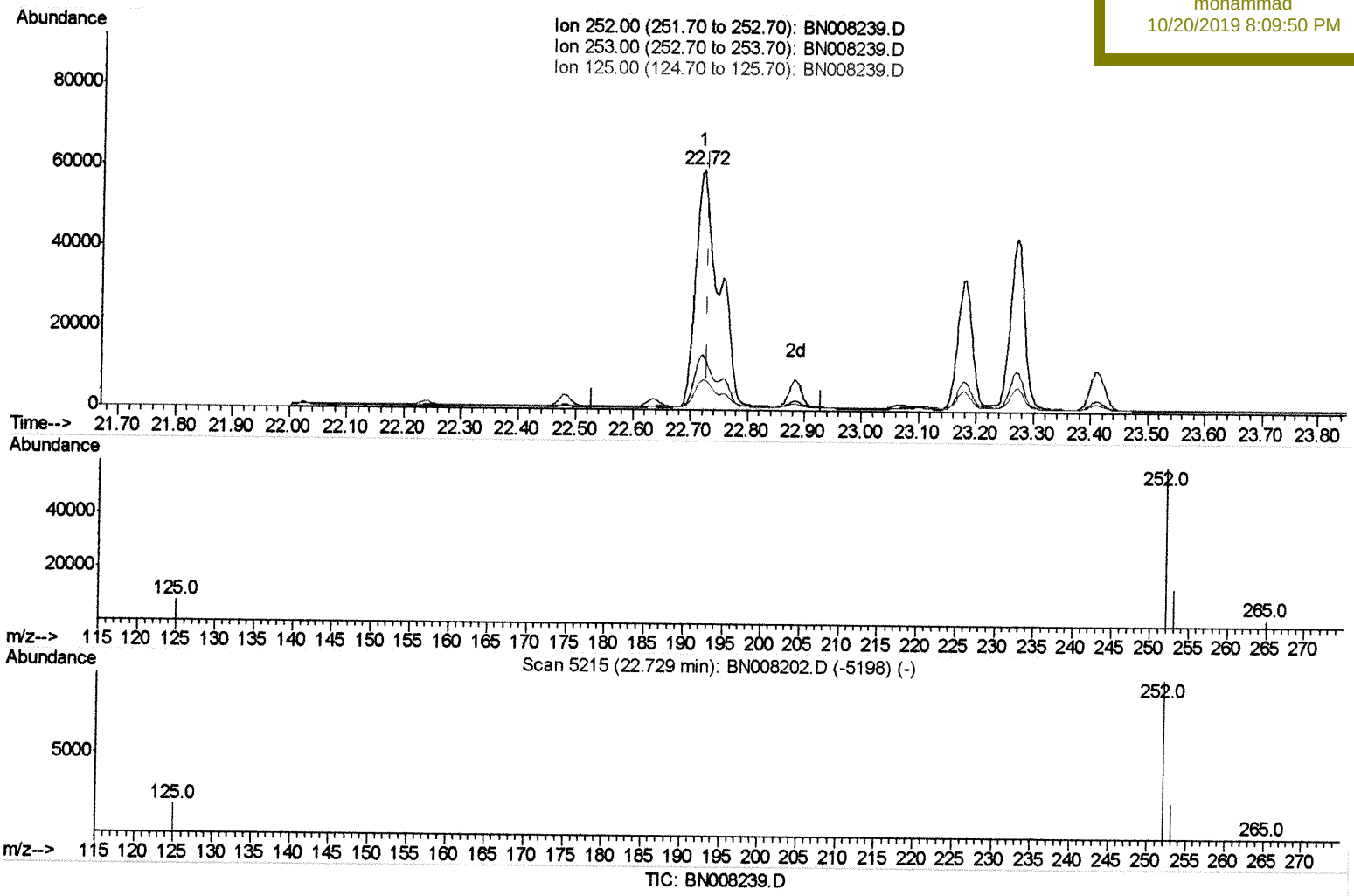
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008239.D
Acq On : 18 Oct 2019 01:57
Operator : JU
Sample : K5177-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 18 04:08:44 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 :
BEPC8

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:50 PM



Scan 5215 (22.729 min): BN008202.D (-5198) (-)

TIC: BN008239.D

(21) Benzo(b)fluoranthene

22.720min (-0.009) 4.36ng/ul

response 169103

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.27
125.00	16.20	12.56
0.00	0.00	0.00

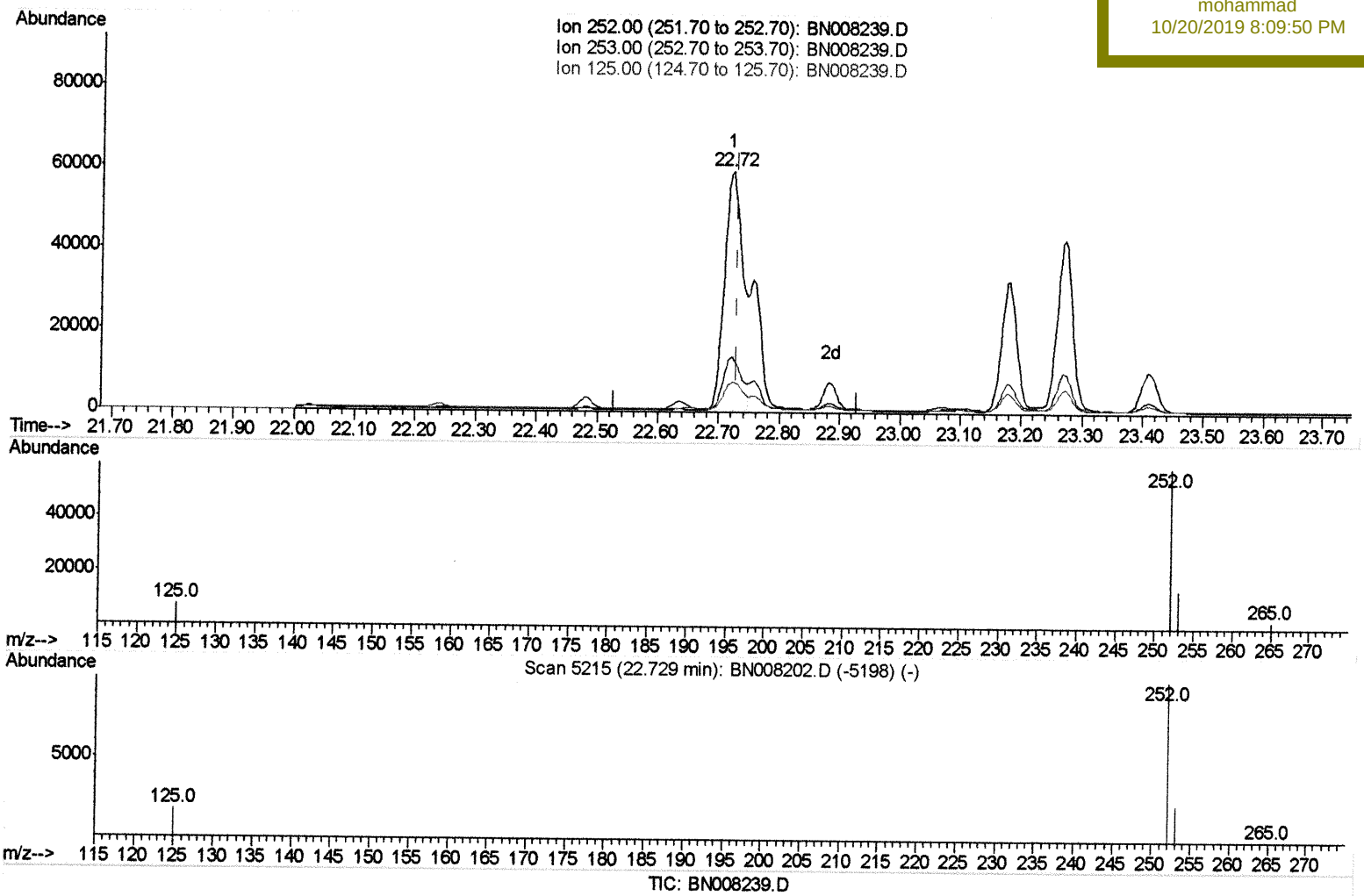
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008239.D
Acq On : 18 Oct 2019 01:57
Operator : JU
Sample : K5177-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 18 04:08:44 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 :
BEPC8

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:50 PM



TIC: BN008239.D

(21) Benzo(b)fluoranthene

22.720min (-0.009) 3.18ng/ul m

JU 10/21/19

response 123204

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.27
125.00	16.20	12.56
0.00	0.00	0.00

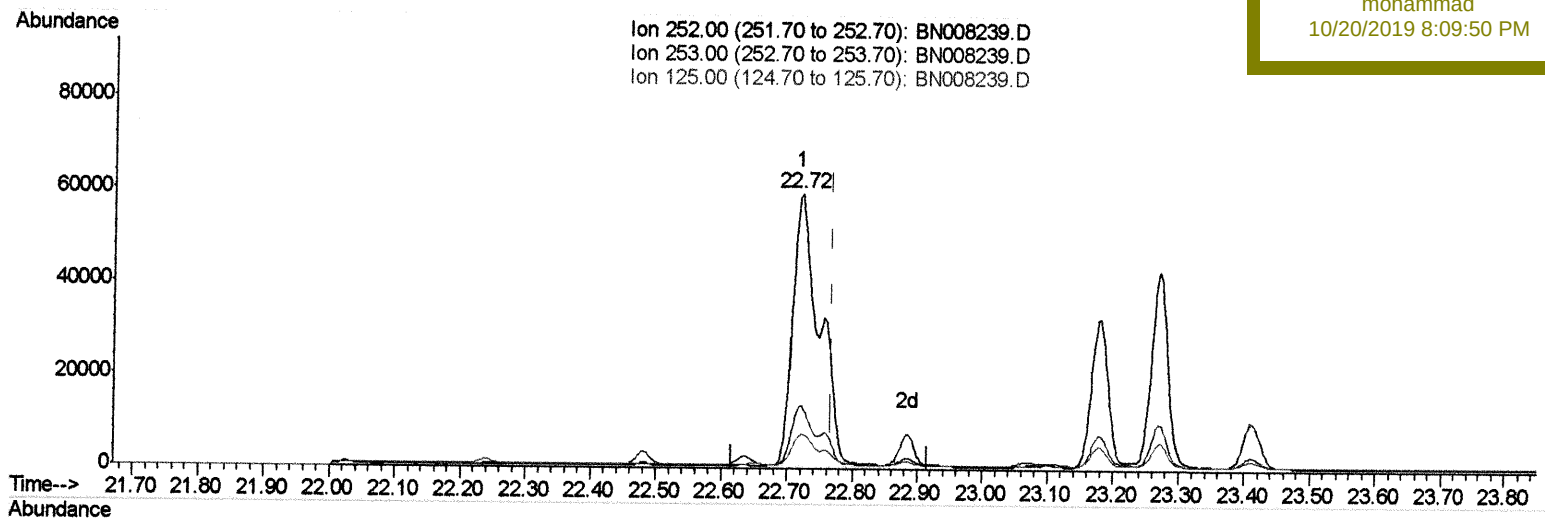
Quantitation Report (Qedit)

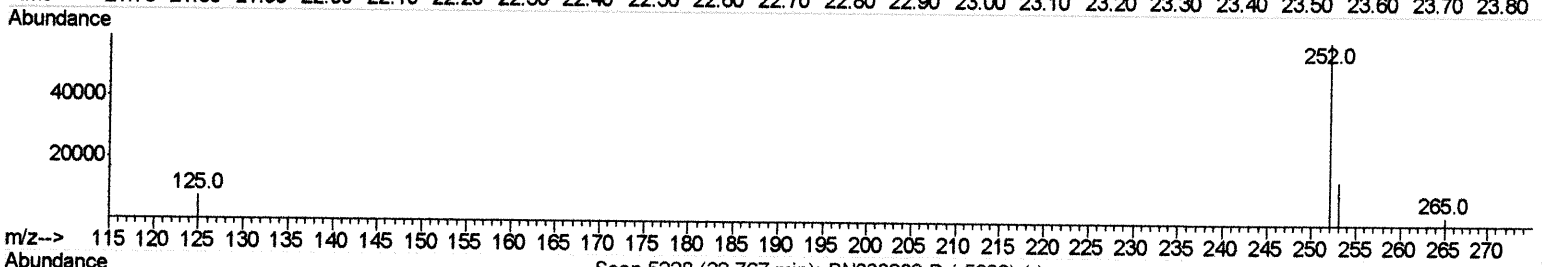
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008239.D
Acq On : 18 Oct 2019 01:57
Operator : JU
Sample : K5177-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

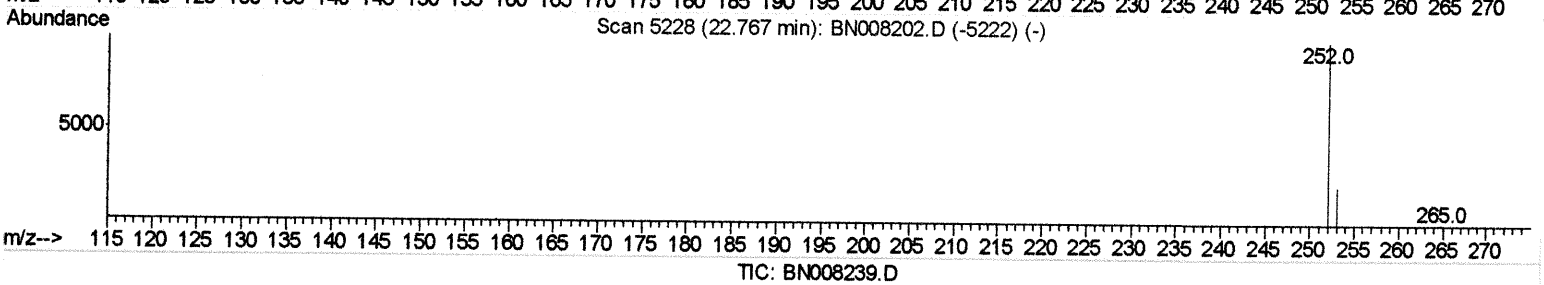
Quant Time: Oct 18 04:08:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC8

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:50 PM







TIC: BN008239.D

(22) Benzo(k)fluoranthene

22.720min (-0.047) 3.85ng/ul

response 169103

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.27
125.00	15.40	12.56
0.00	0.00	0.00

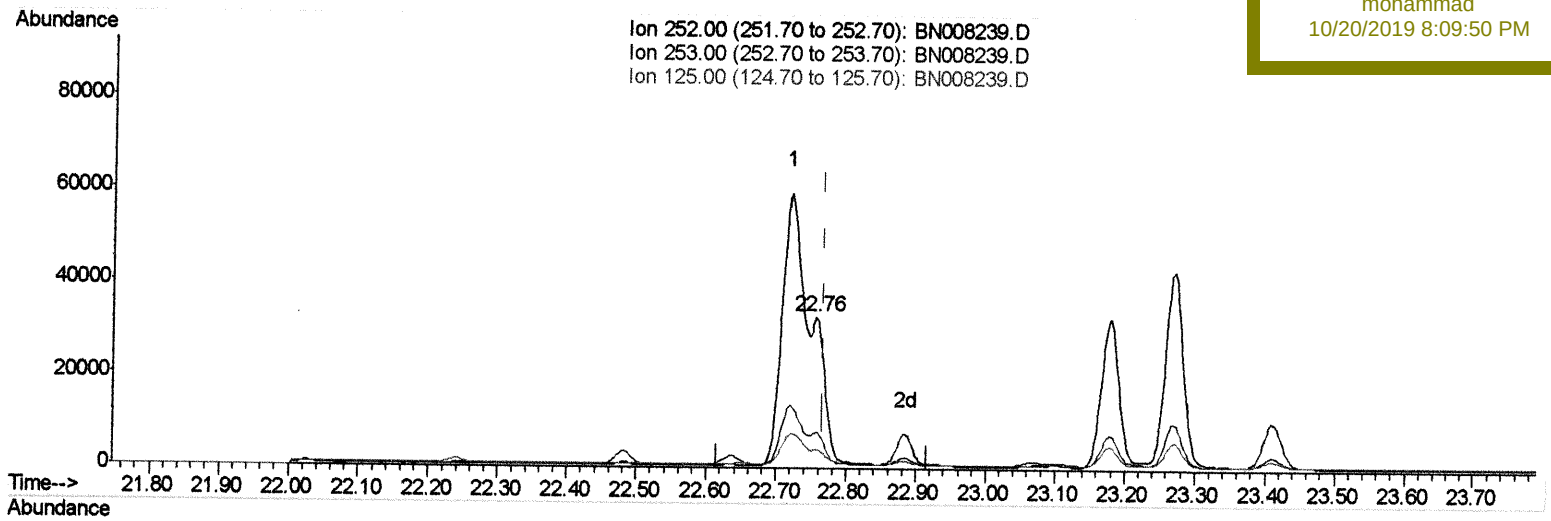
Quantitation Report (Qedit)

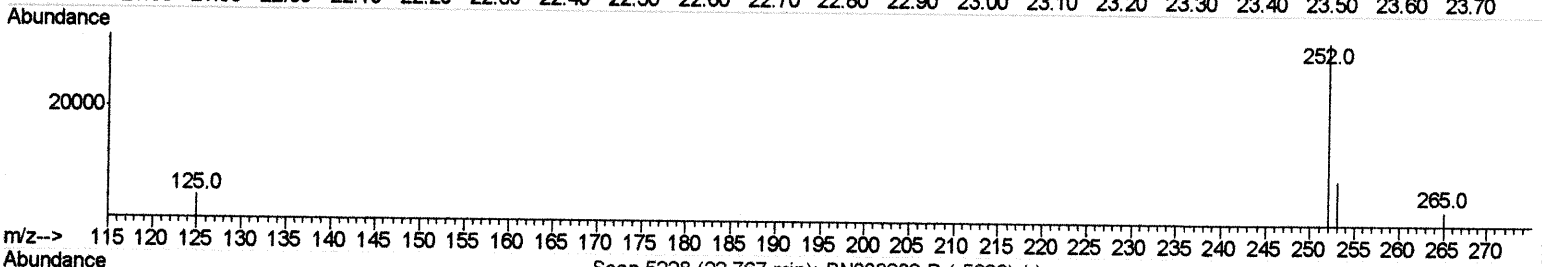
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008239.D
Acq On : 18 Oct 2019 01:57
Operator : JU
Sample : K5177-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 18 04:08:44 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

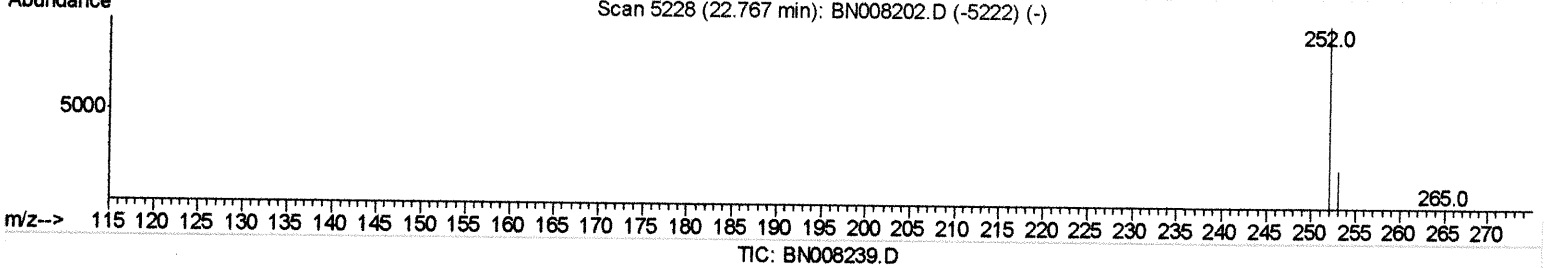
Instrument :
BNA_N
ClientSampleId :
BEPC8

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:50 PM





Scan 5228 (22.767 min): BN008202.D (-5222) (-)



TIC: BN008239.D

(22) Benzo(k)fluoranthene

22.755min (-0.012) 0.91ng/ul m

response 39824

10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.20
125.00	15.40	12.69
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008239.D
Acq On : 18 Oct 2019 01:57
Operator : JU
Sample : K5177-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPC8

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:50 PM

Quant Time: Oct 18 04:10:05 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2969	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14413	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8717	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18900m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	14705	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	11908	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3355	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	9740	0.15	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.95	152	1133	0.027	ng/ul#	82
8) Acenaphthene	14.30	153	2329	0.072	ng/ul	99
9) Fluorene	15.29	166	3147	0.086	ng/ul	98
12) Phenanthrene	17.03	178	116395	2.103	ng/ul	99
13) Anthracene	17.12	178	13353	0.274	ng/ul	99
15) Fluoranthene	19.05	202	329384	4.507	ng/ul	99
17) Pyrene	19.41	202	246808	4.215	ng/ul	99
18) Benzo(a)anthracene	21.17	228	96767	1.810	ng/ul	99
19) Chrysene	21.22	228	114070	1.739	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	123204m	3.178	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	39824m	0.907	ng/ul	
23) Benzo(a)pyrene	23.27	252	74806	1.834	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.52	276	57389	1.195	ng/ul	96
25) Dibenzo(a,h)anthracene	25.53	278	10989	0.289	ng/ul	94
26) Benzo(g,h,i)perylene	26.18	276	51533	1.170	ng/ul	99

JU 10/21/19

JU 10/21/19

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