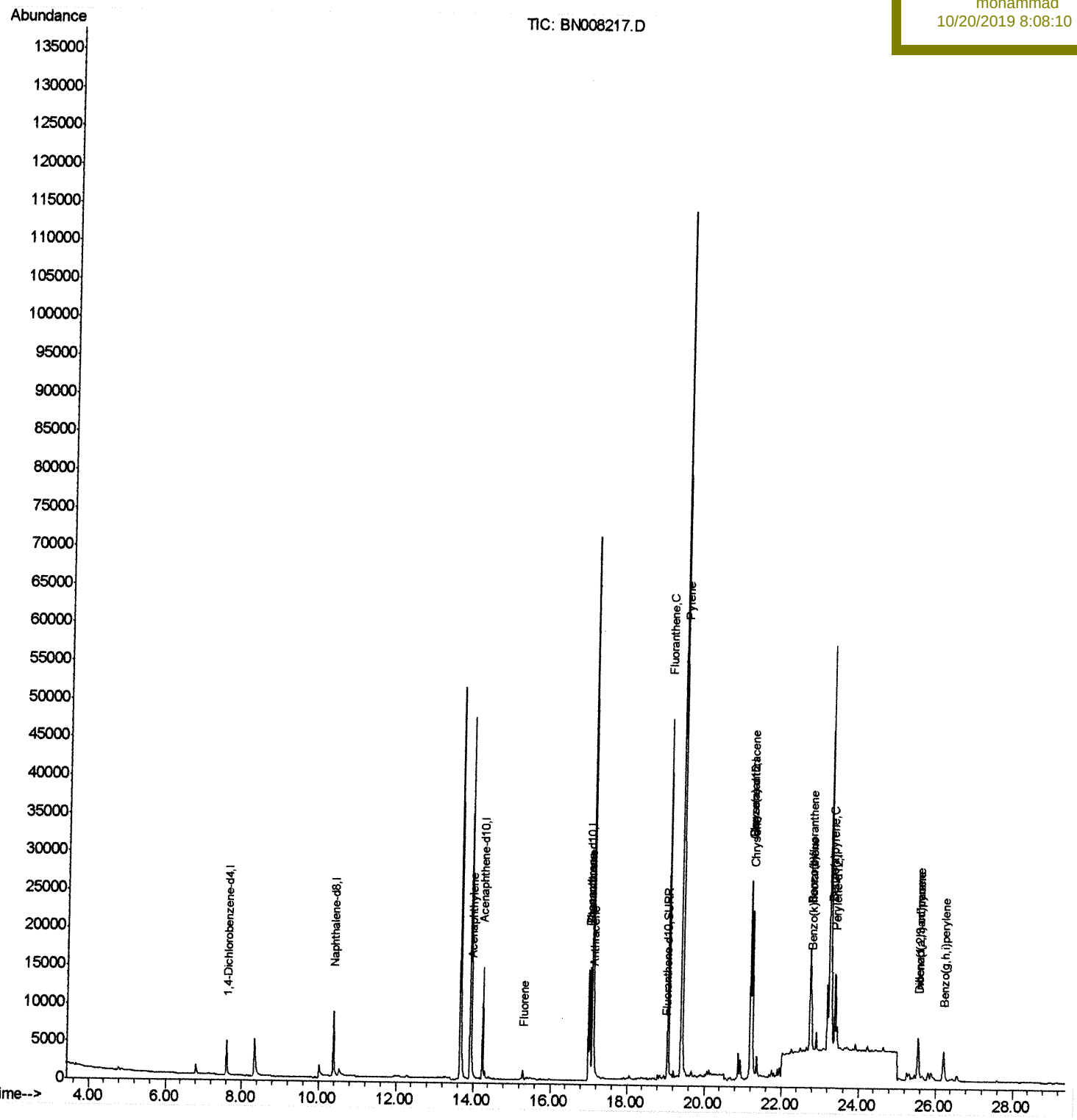
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008217.D
Acq On : 17 Oct 2019 11:59
Operator : JU
Sample : K5175-18DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 02:19:14 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 :
BEP90DL

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



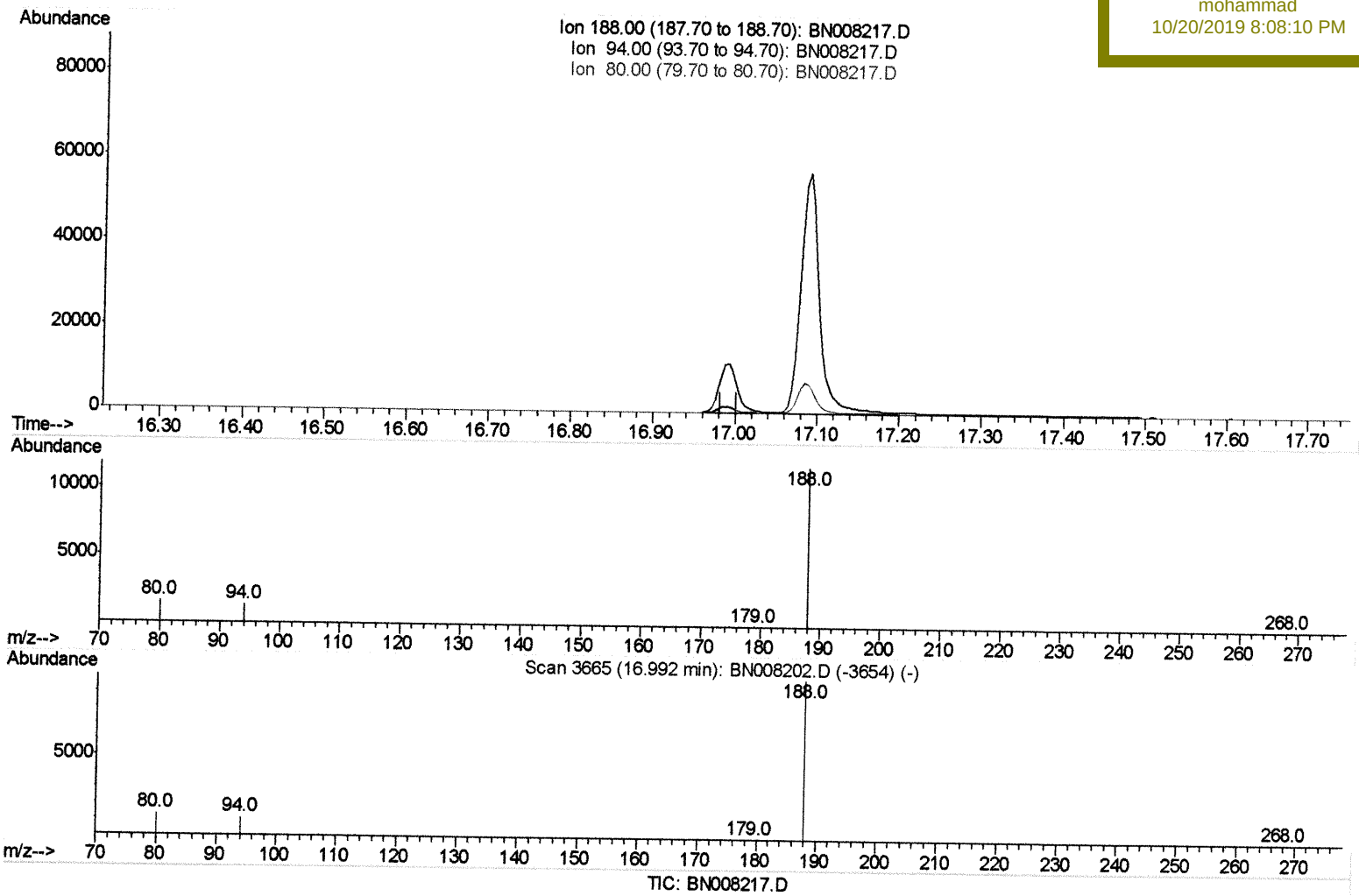
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008217.D
Acq On : 17 Oct 2019 11:59
Operator : JU
Sample : K5175-18DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 01:58:23 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 :
BEP90DL

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



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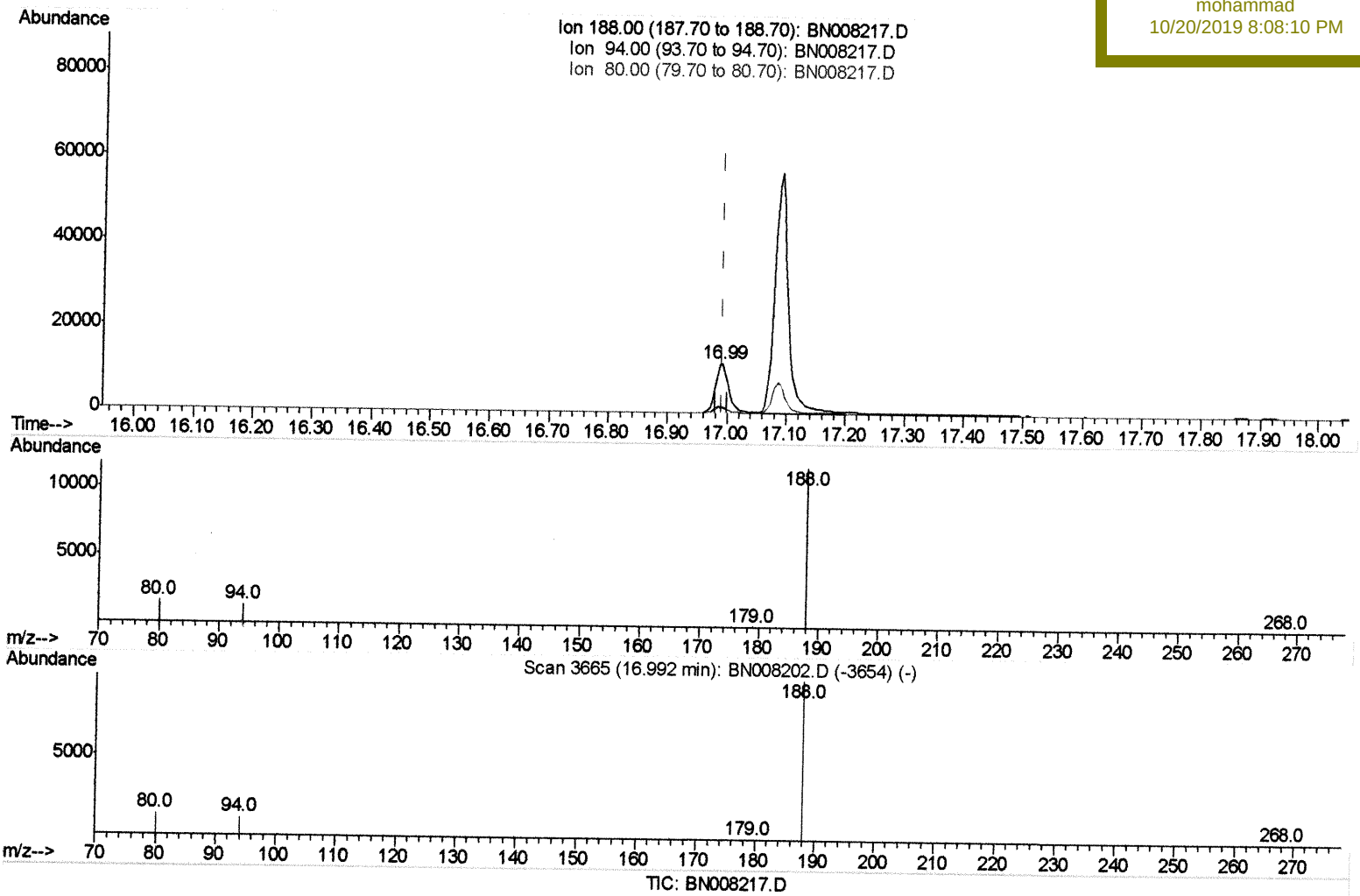
Manual Integrations APPROVED
mohammad
10/20/2019 8:08:10 PM



(10) Phenanthrene-d10 (I)

16.992min (-0.000) 0.40ng/ul m

JU 10/21/19

response 18063

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.32
80.00	12.60	13.53
0.00	0.00	0.00

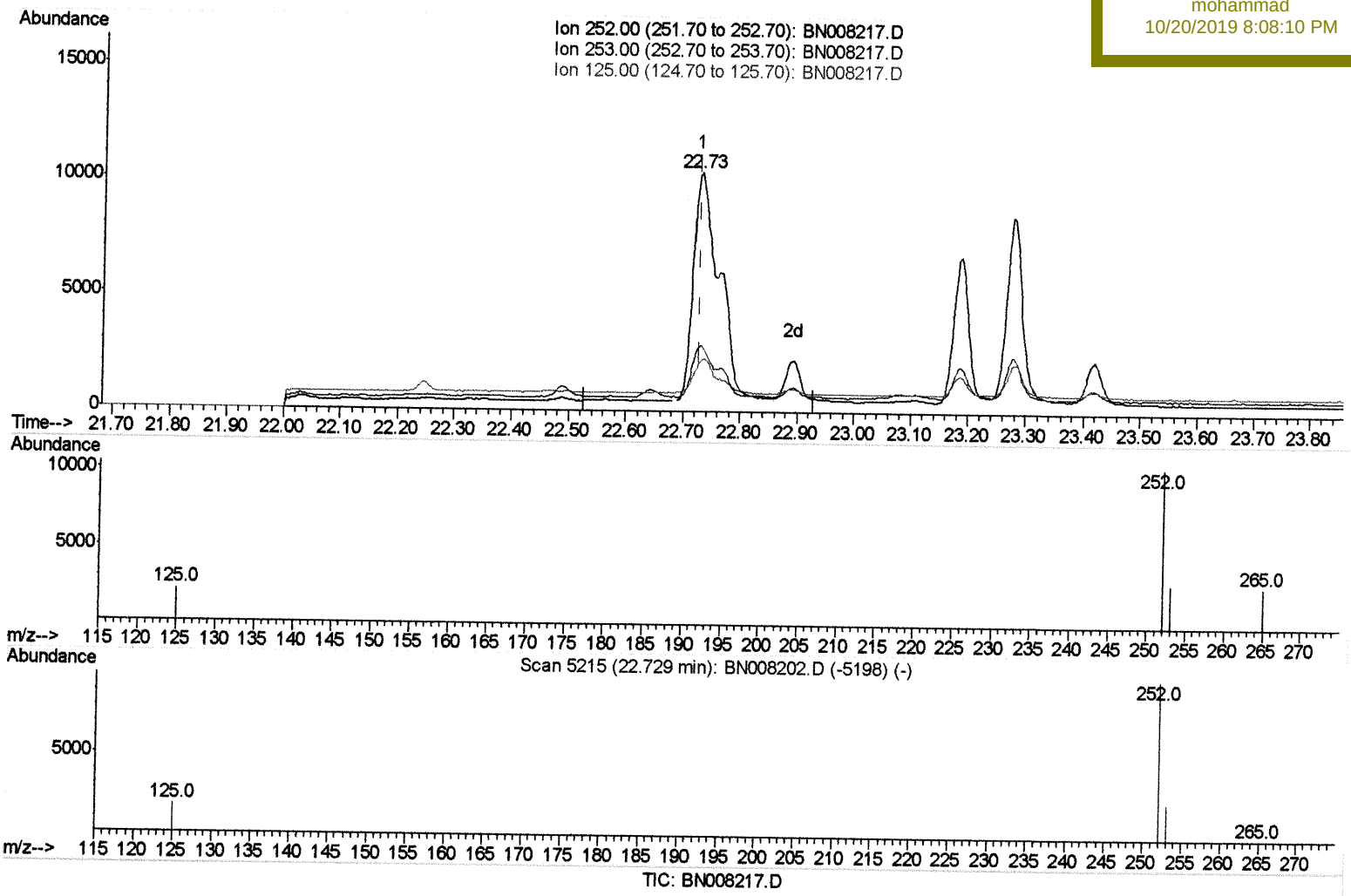
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008217.D
Acq On : 17 Oct 2019 11:59
Operator : JU
Sample : K5175-18DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 02:18:16 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 :
BEP90DL

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



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

TIC: BN008217.D

(21) Benzo(b)fluoranthene

22.729min (-0.000) 0.84ng/ul

response 31355

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	27.79
125.00	16.20	21.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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Acq On : 17 Oct 2019 11:59
Operator : JU
Sample : K5175-18DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 02:18:16 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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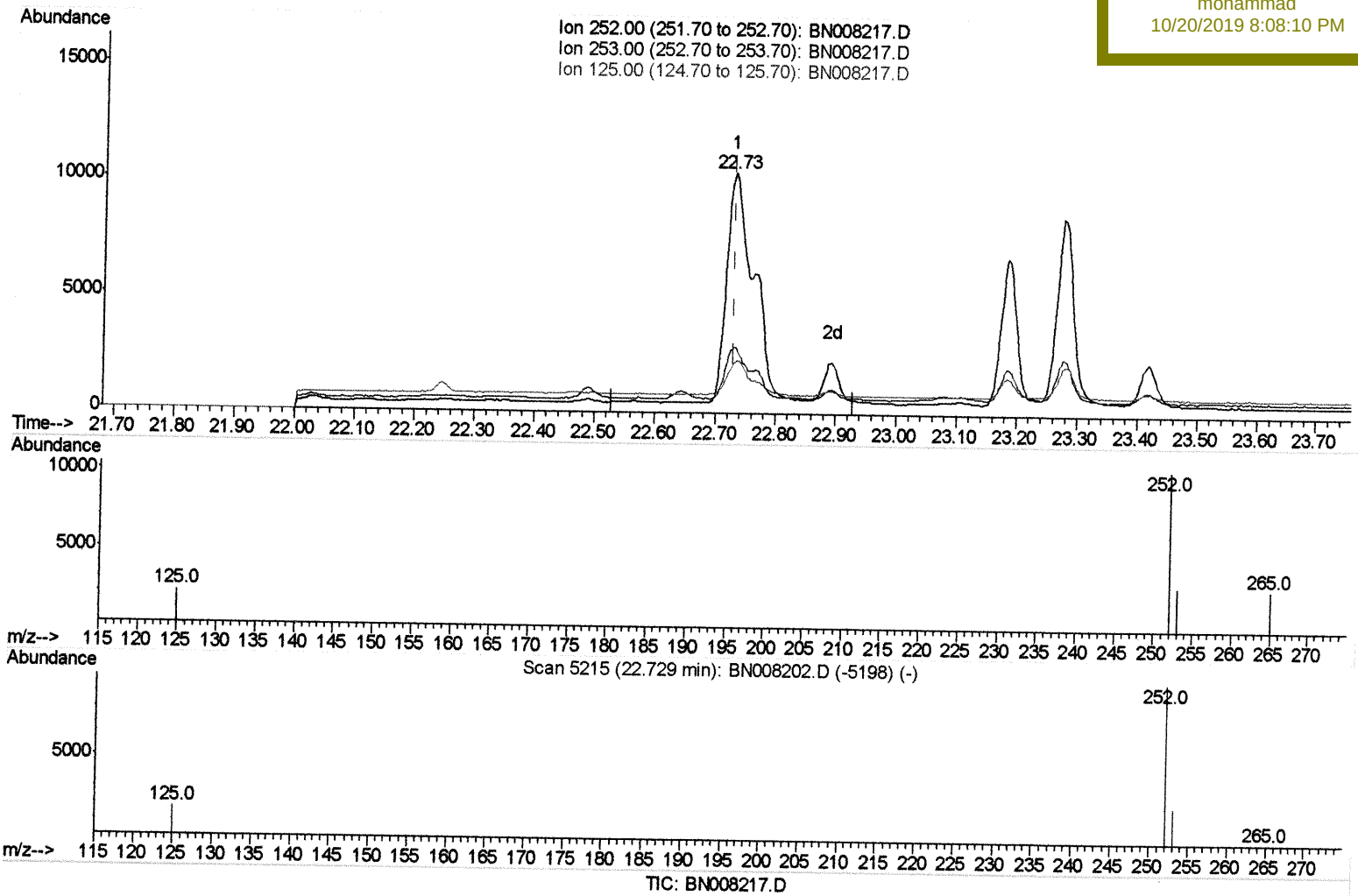
Instrument :
BNA_N
ClientSampleId :
BEP90DL

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



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

TIC: BN008217.D

(21) Benzo(b)fluoranthene

22.729min (-0.000) 0.63ng/ul m JU 10/21/19

response 23572

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	27.79
125.00	16.20	21.05
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 02:18:16 2019
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QLast Update : Thu Oct 17 01:48:53 2019
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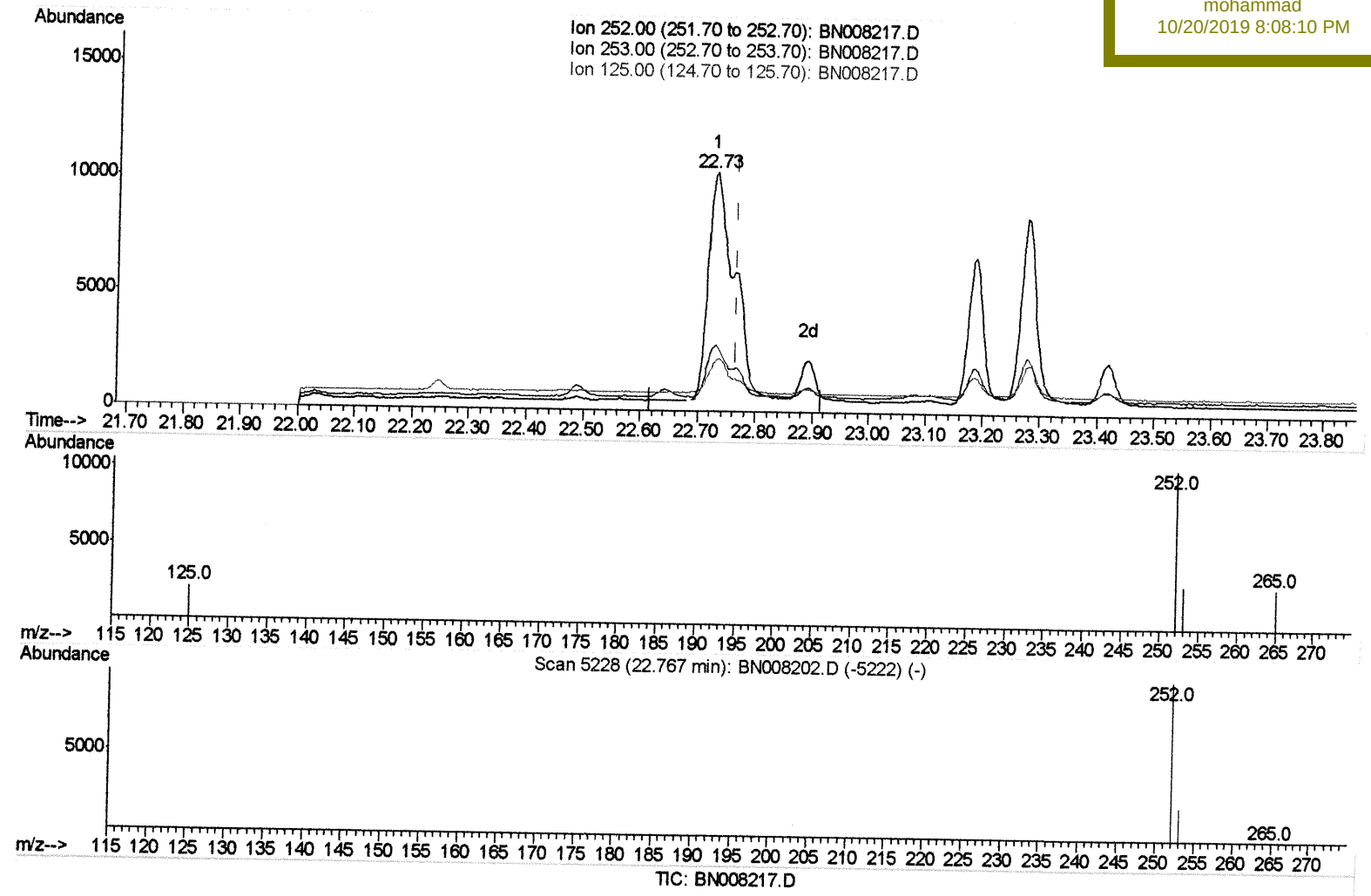
Instrument :
BNA_N
ClientSampleId :
BEP90DL

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



TIC: BN008217.D

(22) Benzo(k)fluoranthene

22.729min (-0.038) 0.75ng/ul

response 31355

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.79
125.00	15.40	21.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008217.D
Acq On : 17 Oct 2019 11:59
Operator : JU
Sample : K5175-18DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 02:18:16 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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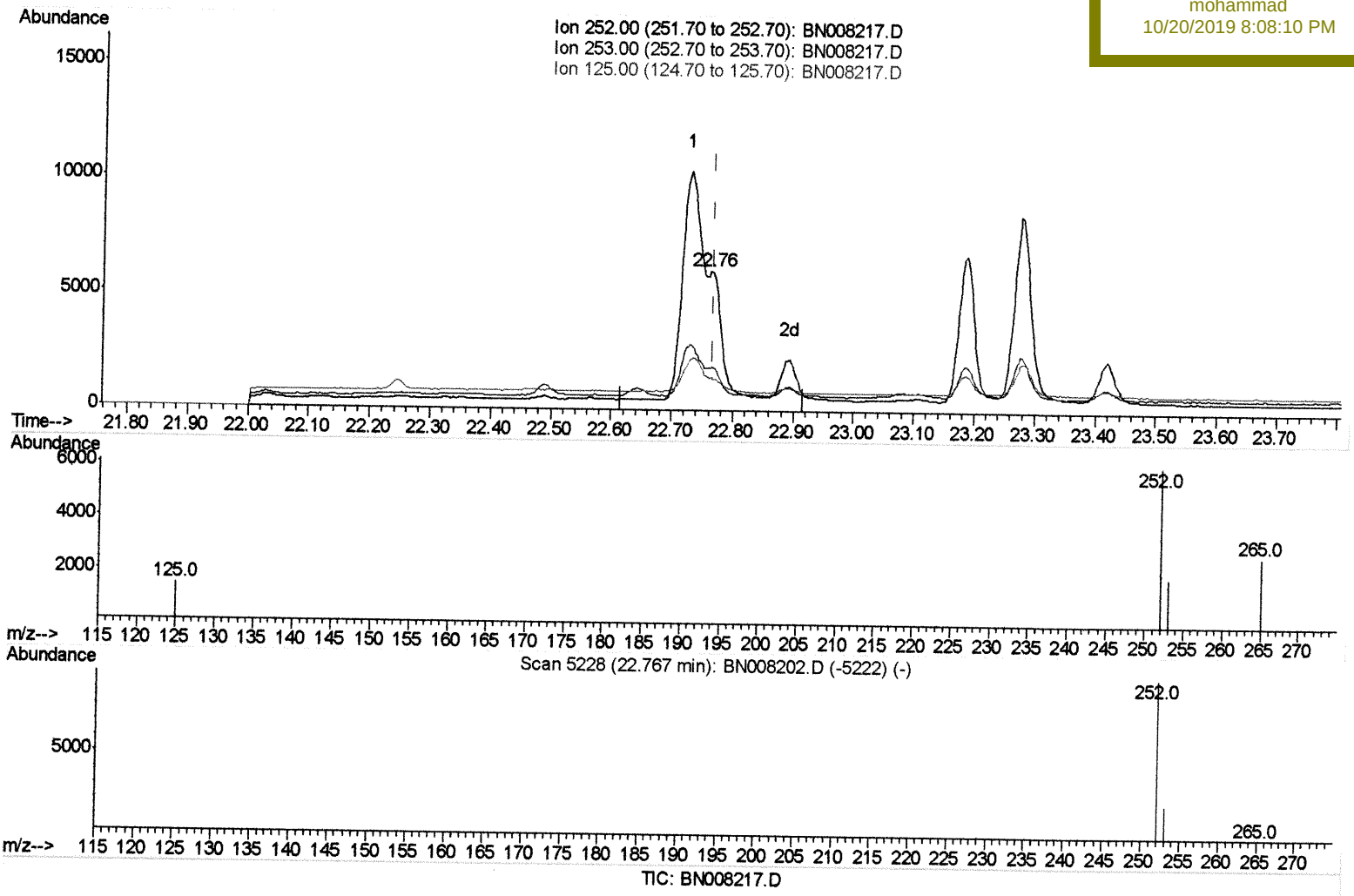
Instrument :
BNA_N
ClientSampleId :
BEP90DL

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



TIC: BN008217.D

(22) Benzo(k)fluoranthene

22.764min (-0.003) 0.16ng/ul m

response 6642

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.30
125.00	15.40	23.89#
0.00	0.00	0.00

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 18 02:19:14 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2741	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13096	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8548	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18063m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15303	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11411	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	417	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	1287	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.96	152	1407	0.035	ng/ul#	88
9) Fluorene	15.30	166	798	0.022	ng/ul#	94
12) Phenanthrene	17.03	178	16711	0.316	ng/ul	100
13) Anthracene	17.12	178	2960	0.064	ng/ul#	94
15) Fluoranthene	19.06	202	43319	0.620	ng/ul	99
17) Pyrene	19.42	202	45127	0.741	ng/ul	100
18) Benzo(a)anthracene	21.18	228	21167	0.380	ng/ul	96
19) Chrysene	21.23	228	25293	0.370	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	23572m	0.635	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	6642m	0.158	ng/ul	
23) Benzo(a)pyrene	23.28	252	15202	0.389	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.54	276	9488	0.206	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.54	278	2129	0.059	ng/ul#	58
26) Benzo(g,h,i)perylene	26.20	276	8177	0.194	ng/ul	94

JU 10/21/19

JU 10/21/19

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