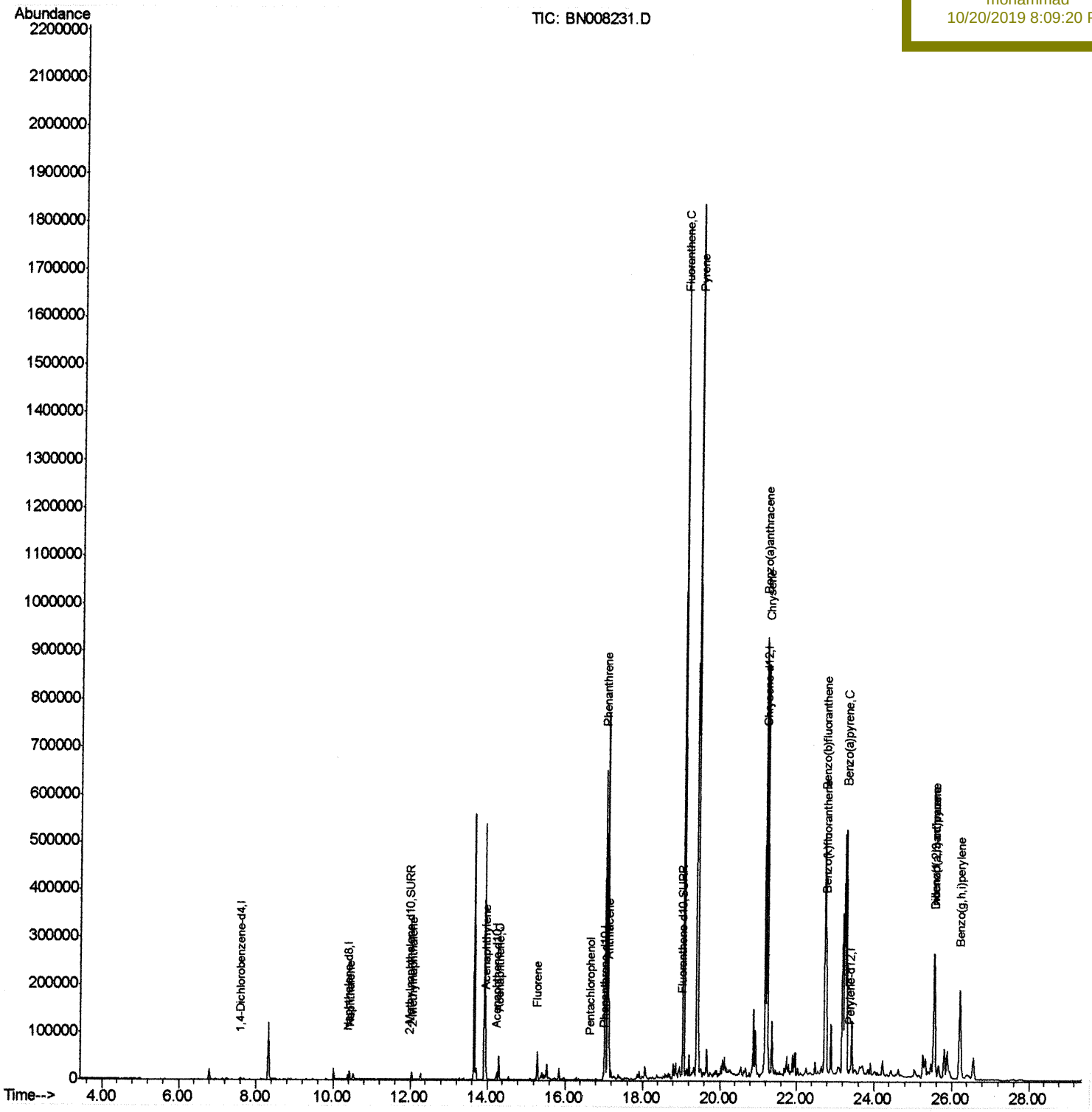
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008231.D
Acq On : 17 Oct 2019 21:10
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 18 03:45:15 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 :
BEP95

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



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008231.D
Acq On : 17 Oct 2019 21:10
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 18 01:59:26 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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Manual Integrations APPROVED
mohammad
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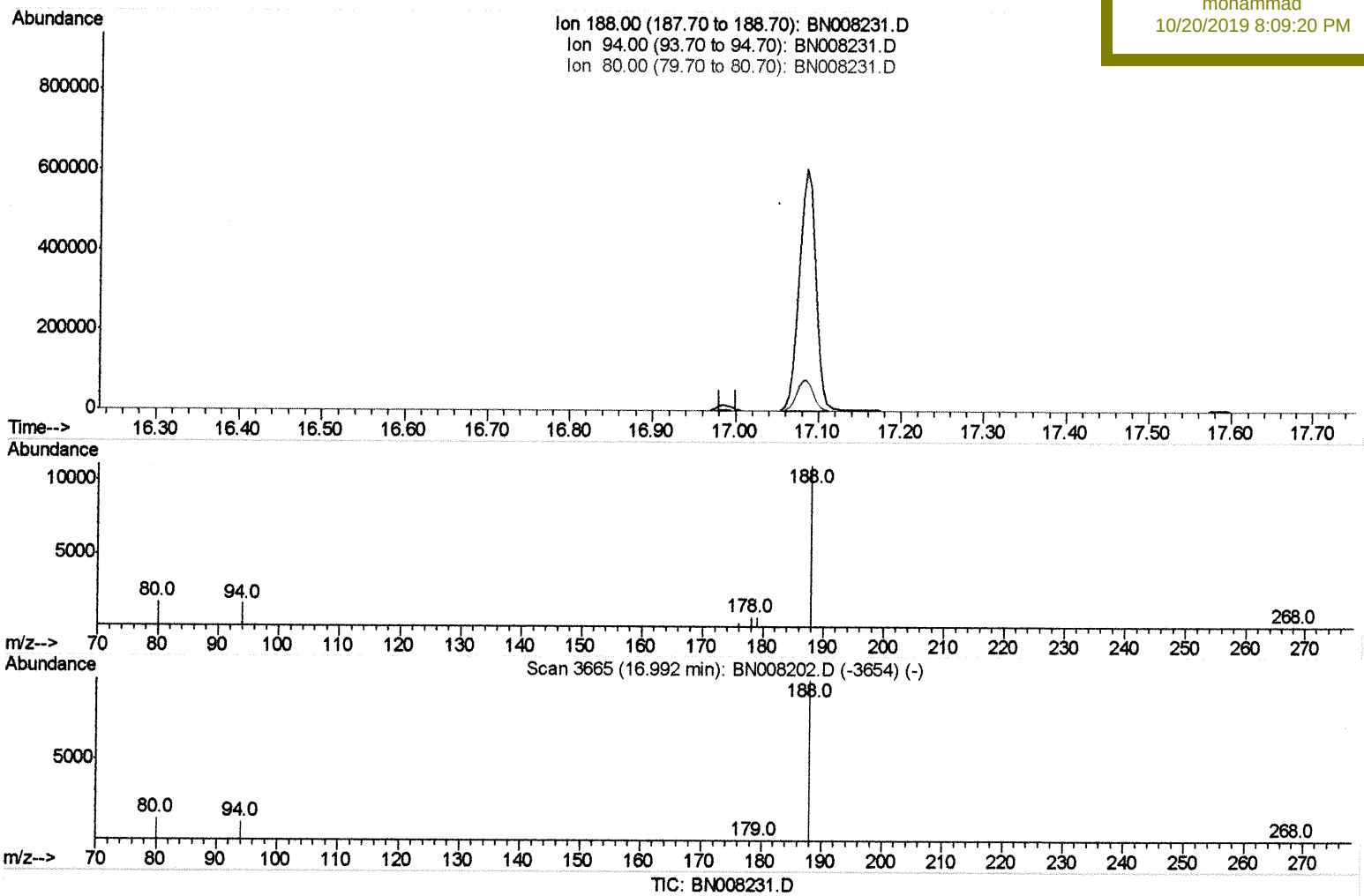

(10) Phenanthrene-d10 (I)

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

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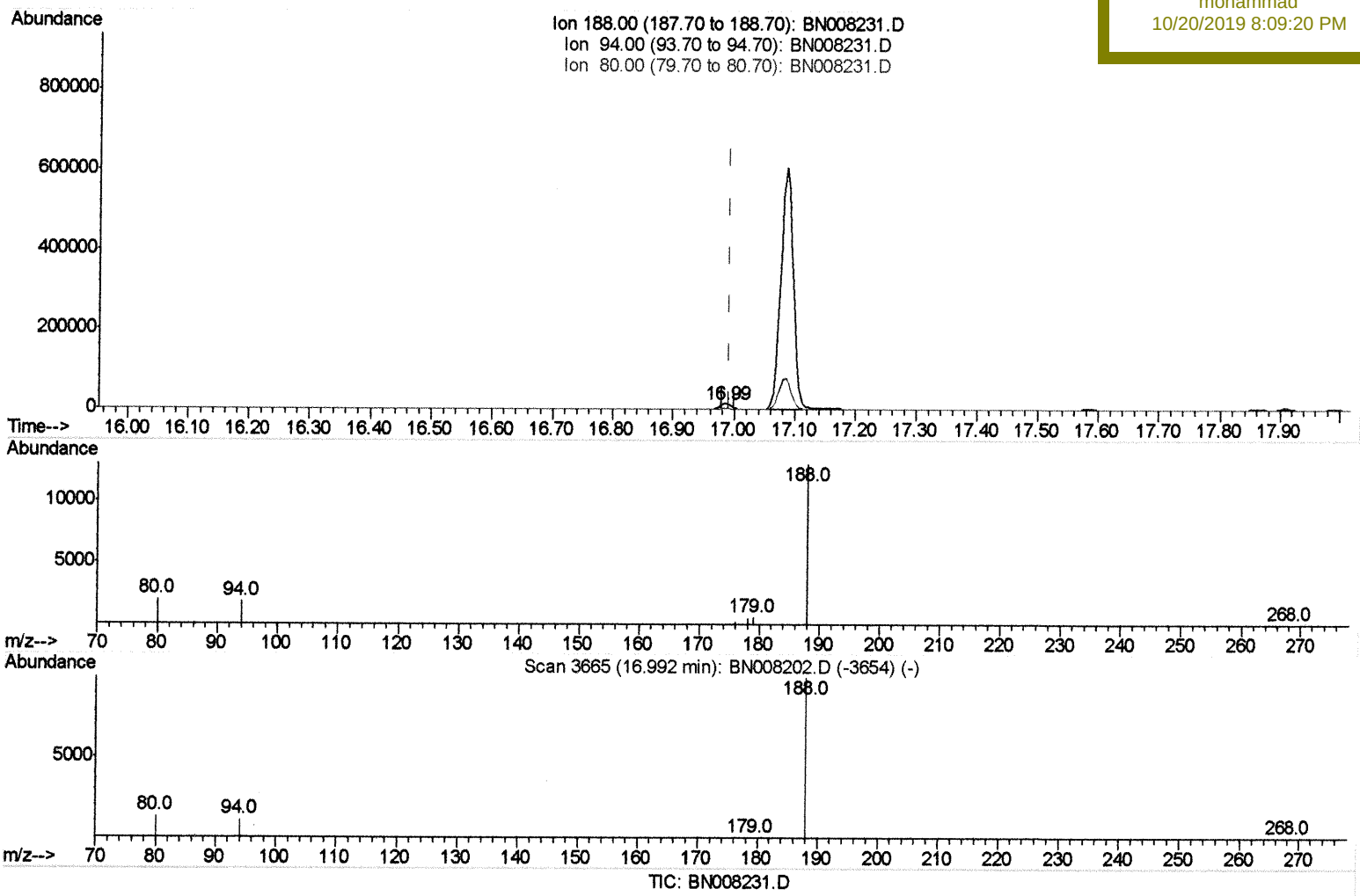
mohammad
10/20/2019 8:09:20 PM



(10) Phenanthrene-d10 (I)

16.987min (-0.004) 0.40ng/ul m

response 18161

JU 10/21/19

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	14.40#
80.00	12.60	15.75#
0.00	0.00	0.00

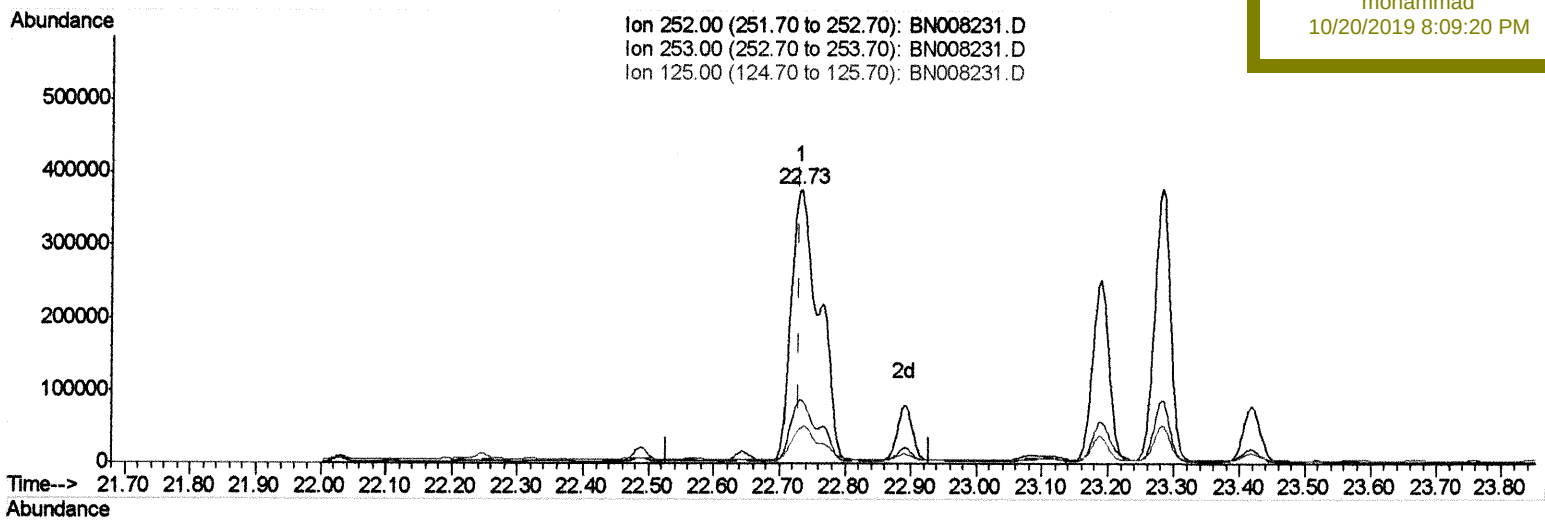
Quantitation Report (Qedit)

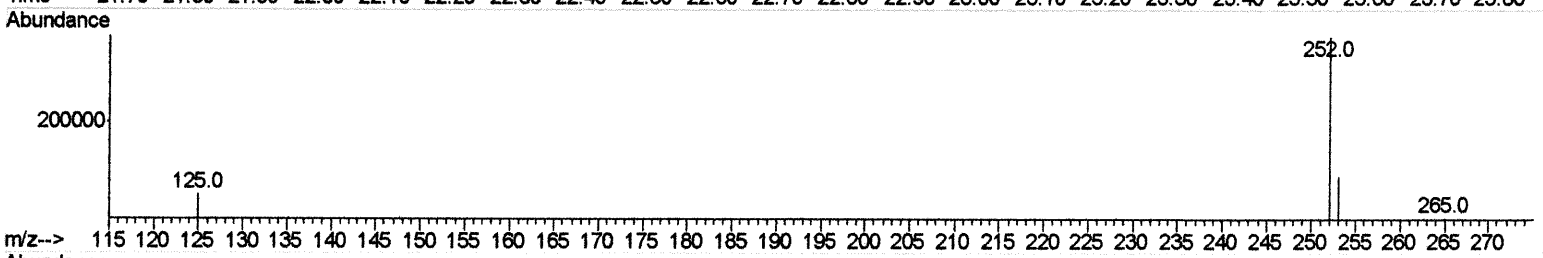
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008231.D
Acq On : 17 Oct 2019 21:10
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

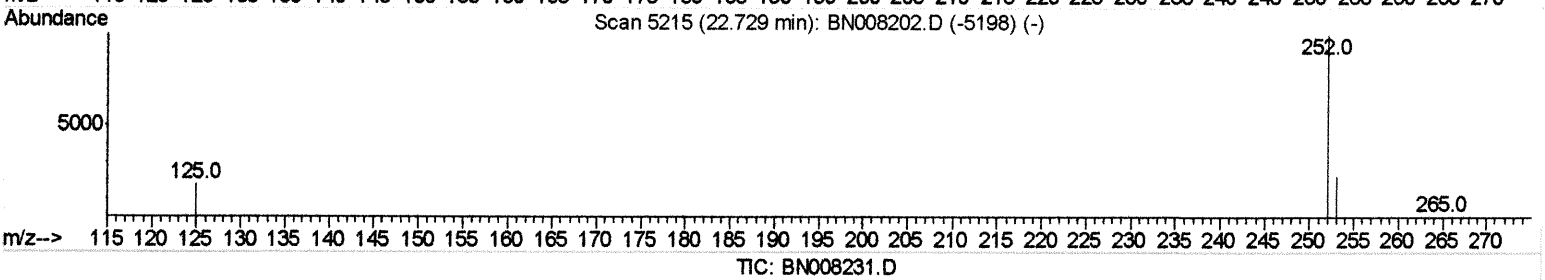
Quant Time: Oct 18 03:44:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP95

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







TIC: BN008231.D

(21) Benzo(b)fluoranthene

22.732min (+0.003) 28.02ng/ul

response 1114776

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.33
125.00	16.20	13.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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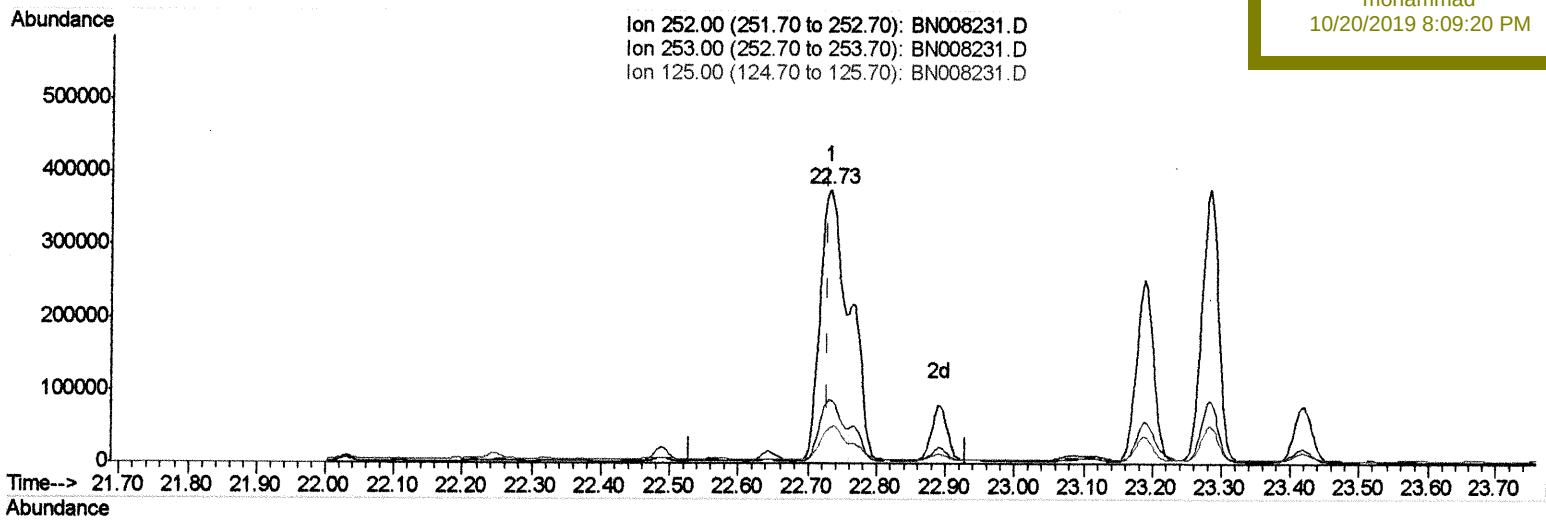
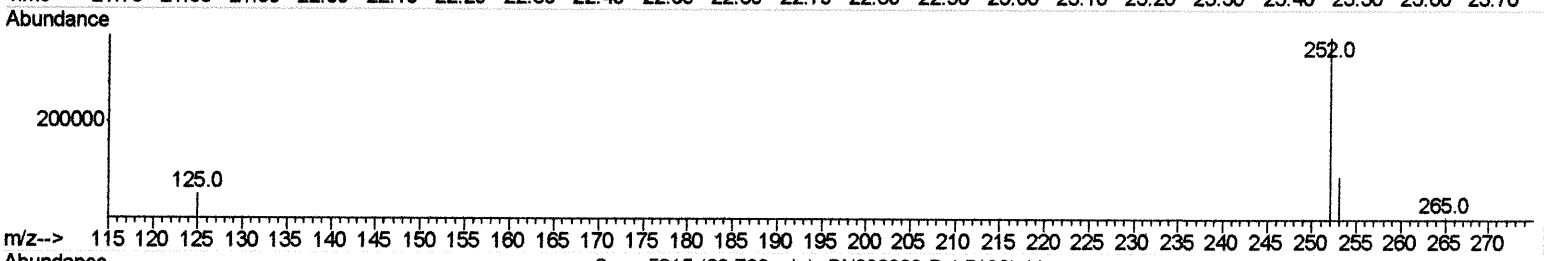
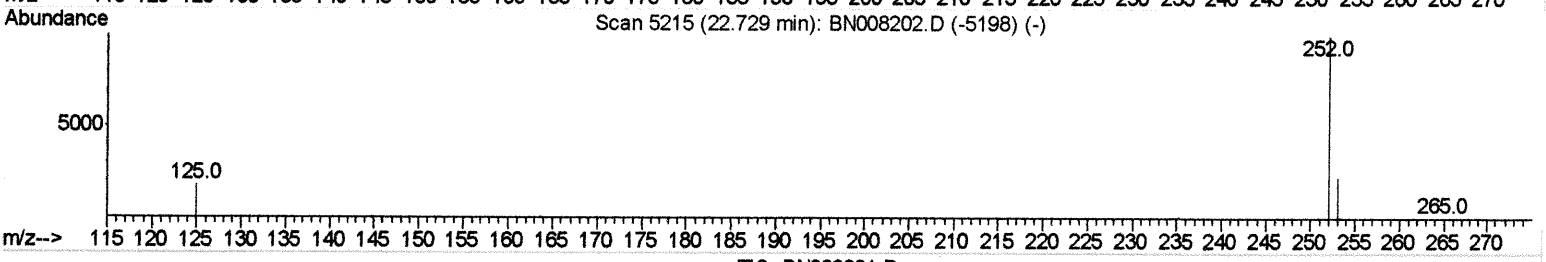
BNA_N
ClientSampleId :
BEP95

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







TIC: BN008231.D

(21) Benzo(b)fluoranthene

22.732min (+0.003) 21.65ng/ul m

response 861178

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.33
125.00	16.20	13.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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Sample : K5177-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

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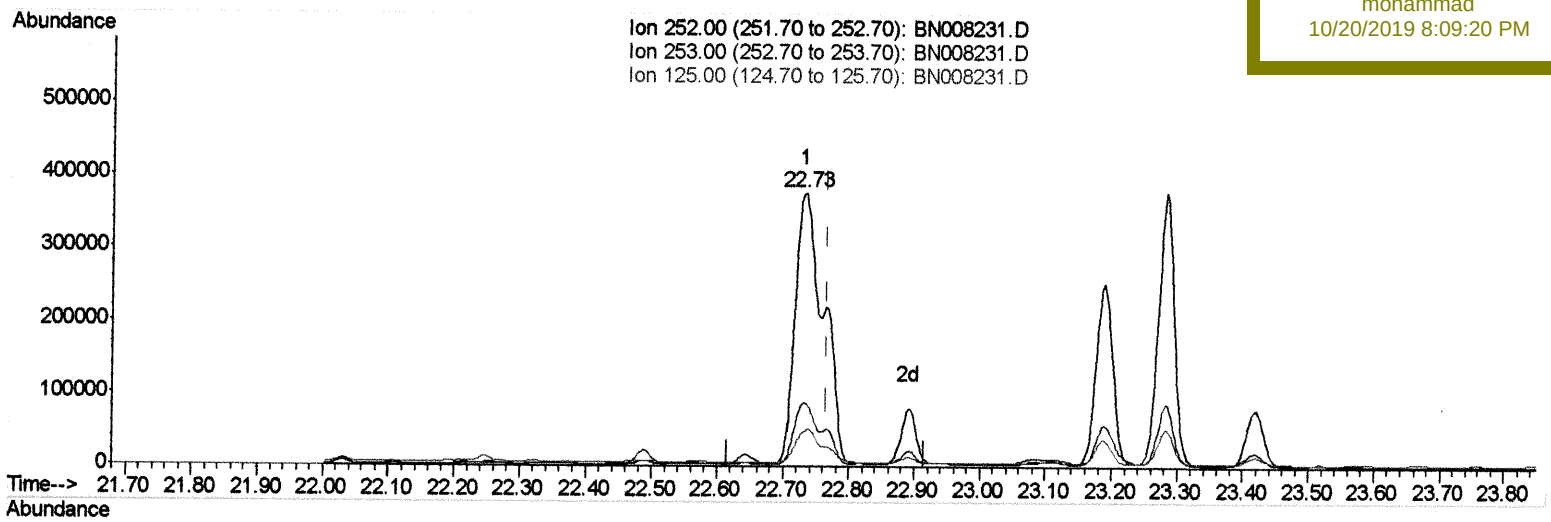
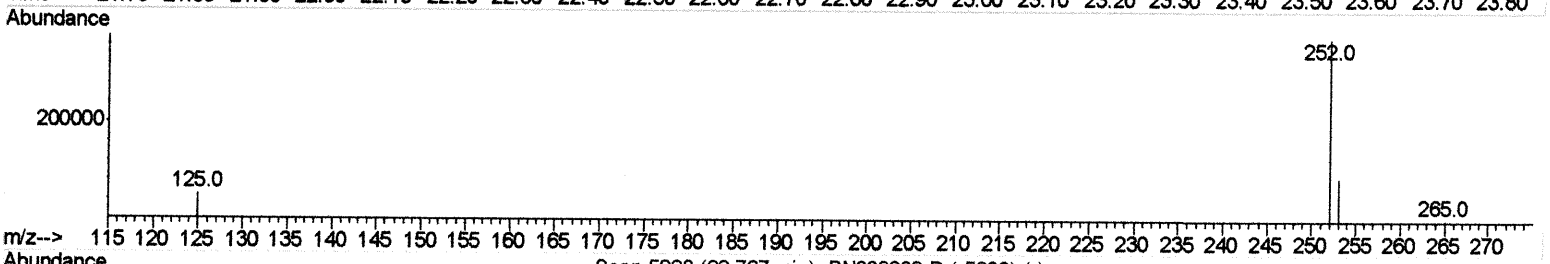
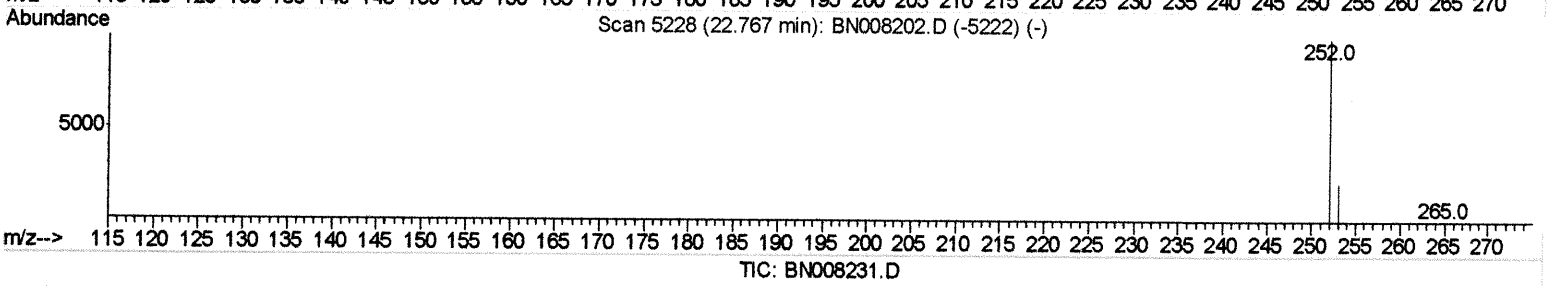
BNA_N
ClientSampleId :
BEP95

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







TIC: BN008231.D

(22) Benzo(k)fluoranthene

22.732min (-0.035) 24.73ng/ul

response 1114575

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.33
125.00	15.40	13.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 17 Oct 2019 21:10
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Sample : K5177-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 18 03:44:01 2019
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Instrument :
BNA_N
ClientSampleId :
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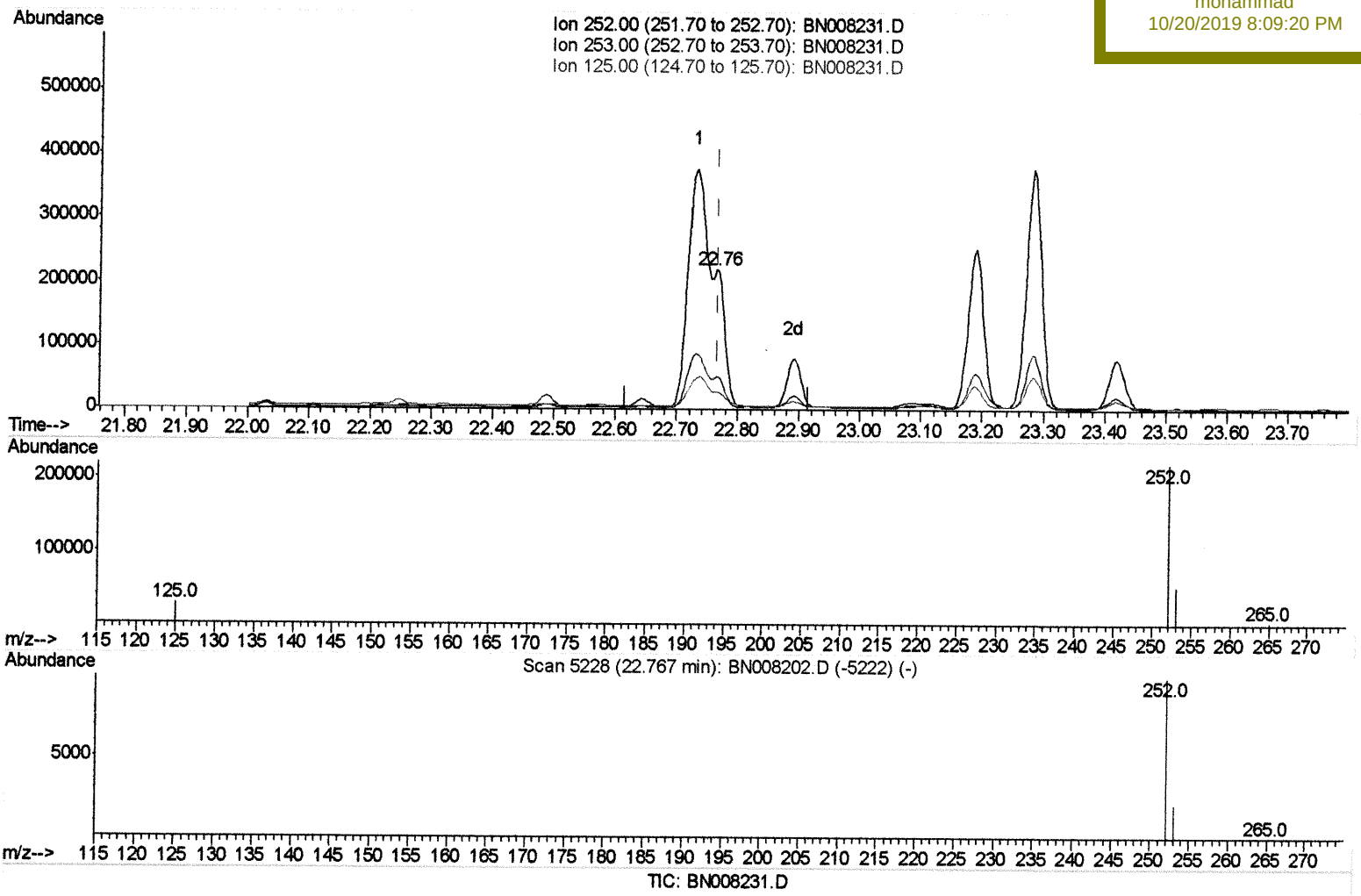
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:20 PM



TIC: BN008231.D

(22) Benzo(k)fluoranthene

22.764min (-0.003) 5.41ng/ul m

JU 10/21/19

response 243869

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.84
125.00	15.40	12.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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Quant Time: Oct 18 03:45:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2795	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13101	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8379	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18161m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	13309	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12221	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4552	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	11933	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	24214	0.649	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	13181	0.515	ng/ul	99
7) Acenaphthylene	13.95	152	45423	1.138	ng/ul	99
8) Acenaphthene	14.30	153	29863	0.962	ng/ul	99
9) Fluorene	15.29	166	36659	1.040	ng/ul	96
11) Pentachlorophenol	16.65	266	561	0.128	ng/ul	94
12) Phenanthrene	17.03	178	698948	13.145	ng/ul	99
13) Anthracene	17.12	178	156074	3.336	ng/ul	99
15) Fluoranthene	19.06	202	1455286	20.723	ng/ul	99
17) Pyrene	19.42	202	1527520	28.825	ng/ul	99
18) Benzo(a)anthracene	21.17	228	794557	16.421	ng/ul	97
19) Chrysene	21.23	228	821206	13.829	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	861178m	21.647	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	243869m	5.411	ng/ul	
23) Benzo(a)pyrene	23.28	252	637174	15.220	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.54	276	384490	7.798	ng/ul	99
25) Dibenzo(a,h)anthracene	25.54	278	105515	2.707	ng/ul	100
26) Benzo(g,h,i)perylene	26.20	276	372038	8.228	ng/ul	98

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