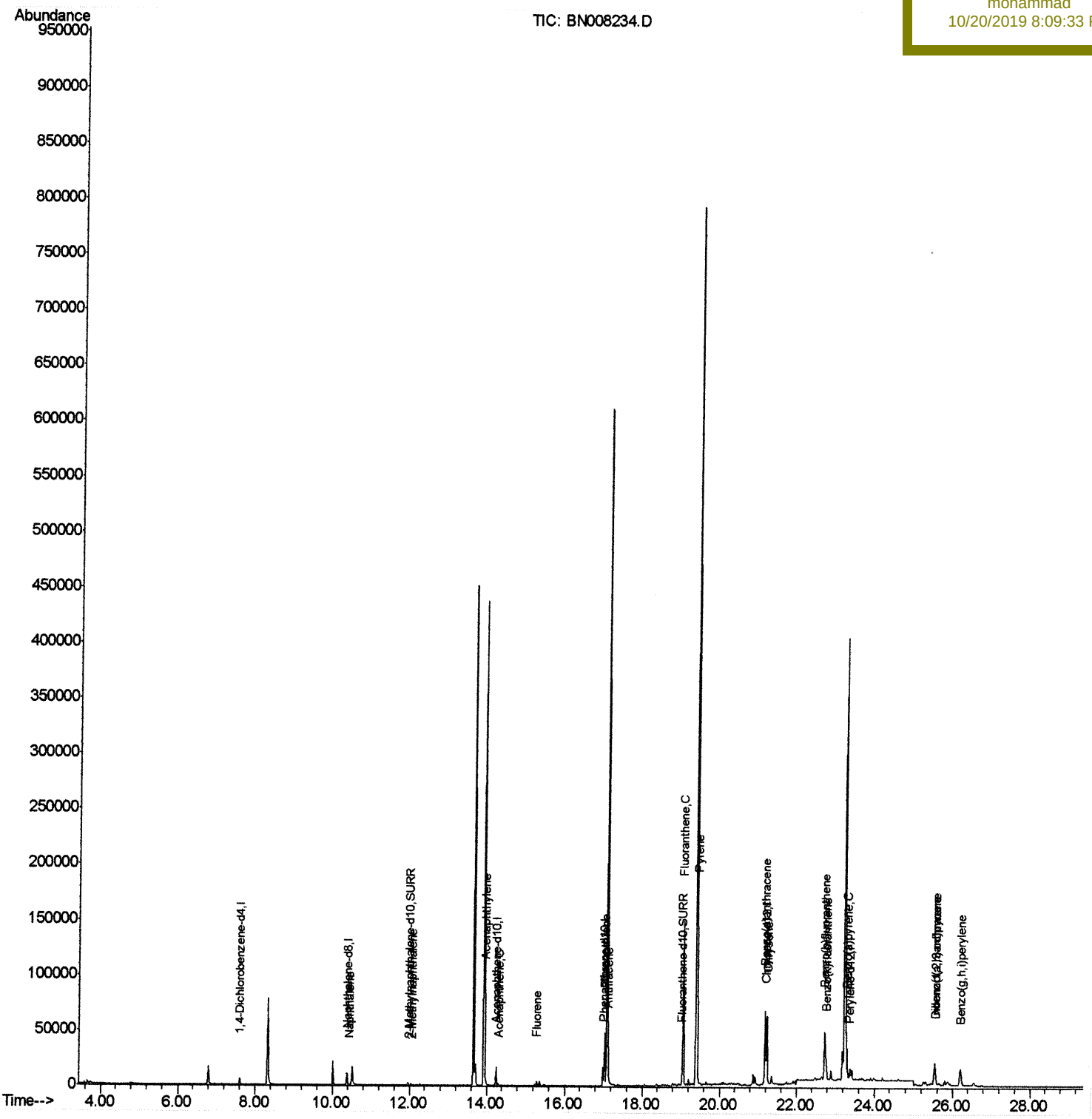
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008234.D
Acq On : 17 Oct 2019 22:58
Operator : JU
Sample : K5177-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 18 03:55:12 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 :
BEP96

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:33 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008234.D
Acq On : 17 Oct 2019 22:58
Operator : JU
Sample : K5177-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 18 01:59:38 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
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Manual Integrations APPROVED
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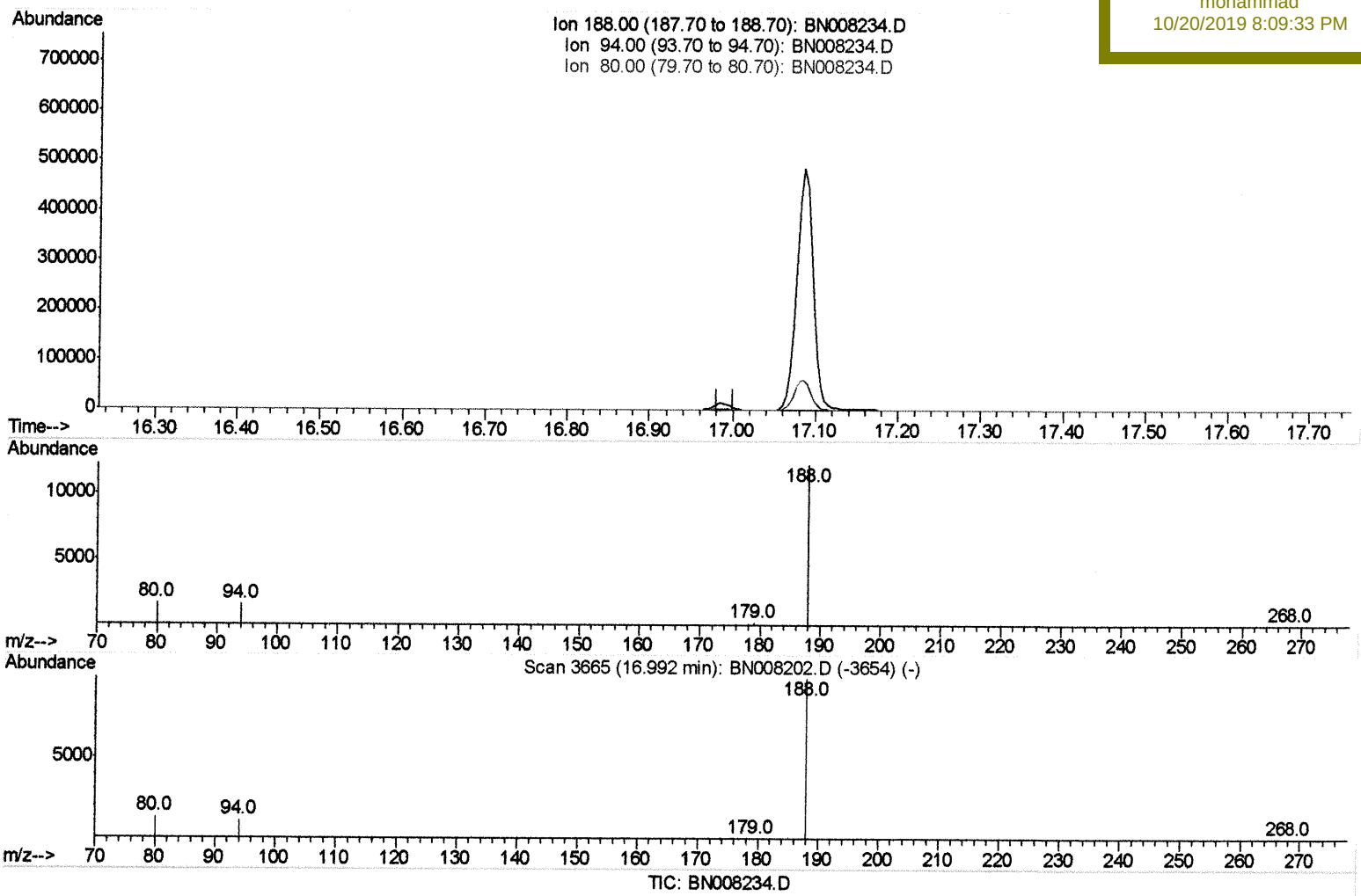

TIC: BN008234.D

(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

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mohammad
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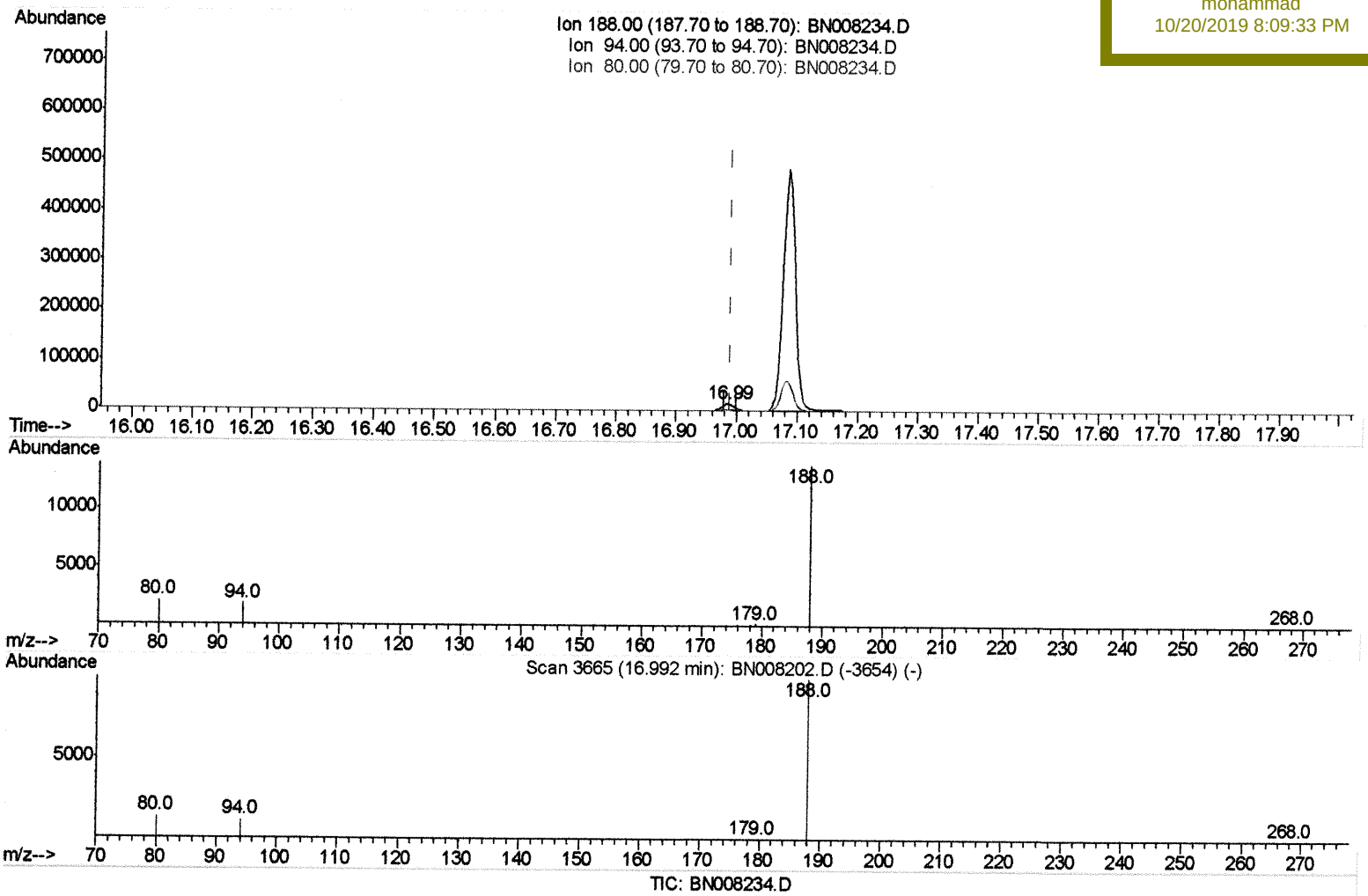

TIC: BN008234.D

(10) Phenanthrene-d10 (I)

16.988min (-0.004) 0.40ng/ul m

response 19435

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.36#
80.00	12.60	14.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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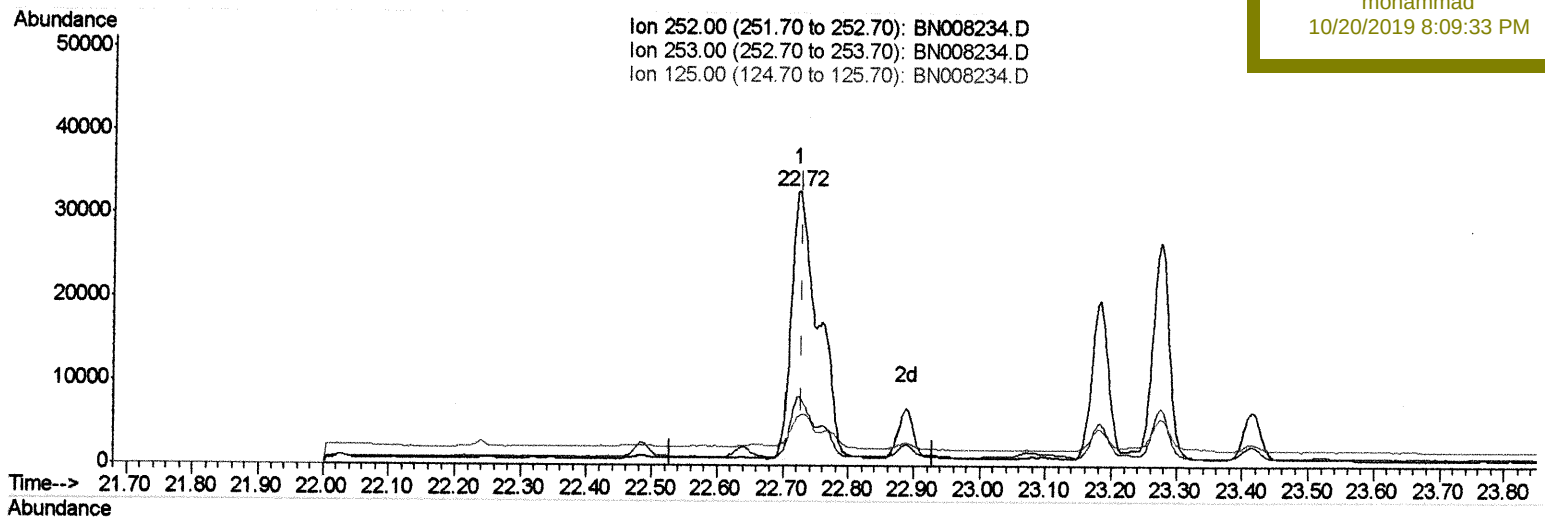
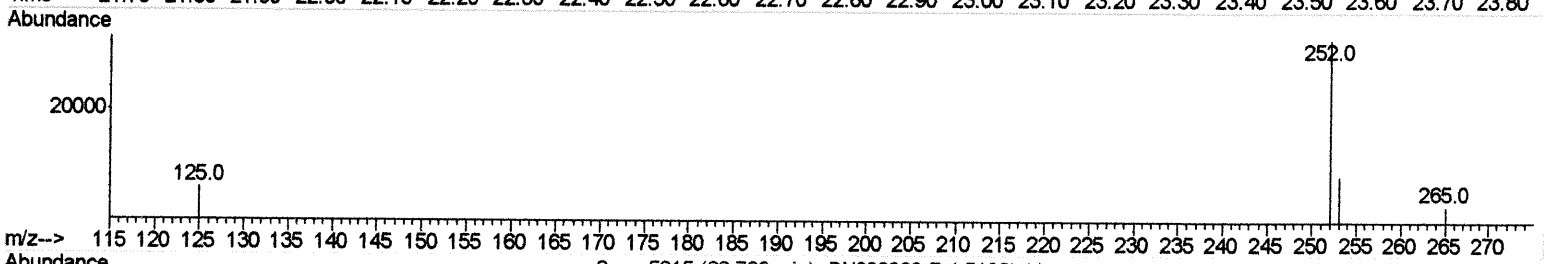
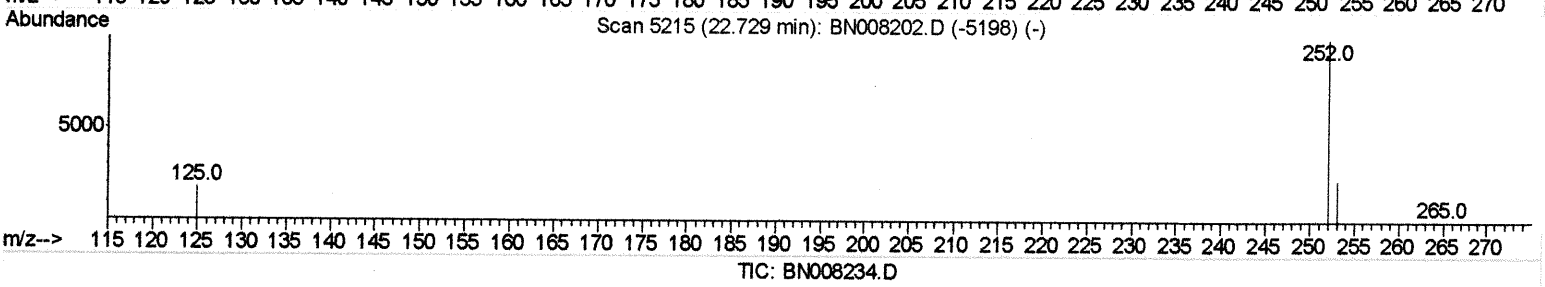
BEP96

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:33 PM







TIC: BN008234.D

(21) Benzo(b)fluoranthene

22.723min (-0.006) 2.23ng/ul

response 91507

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.17
125.00	16.20	18.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 22 Sample Multiplier: 1

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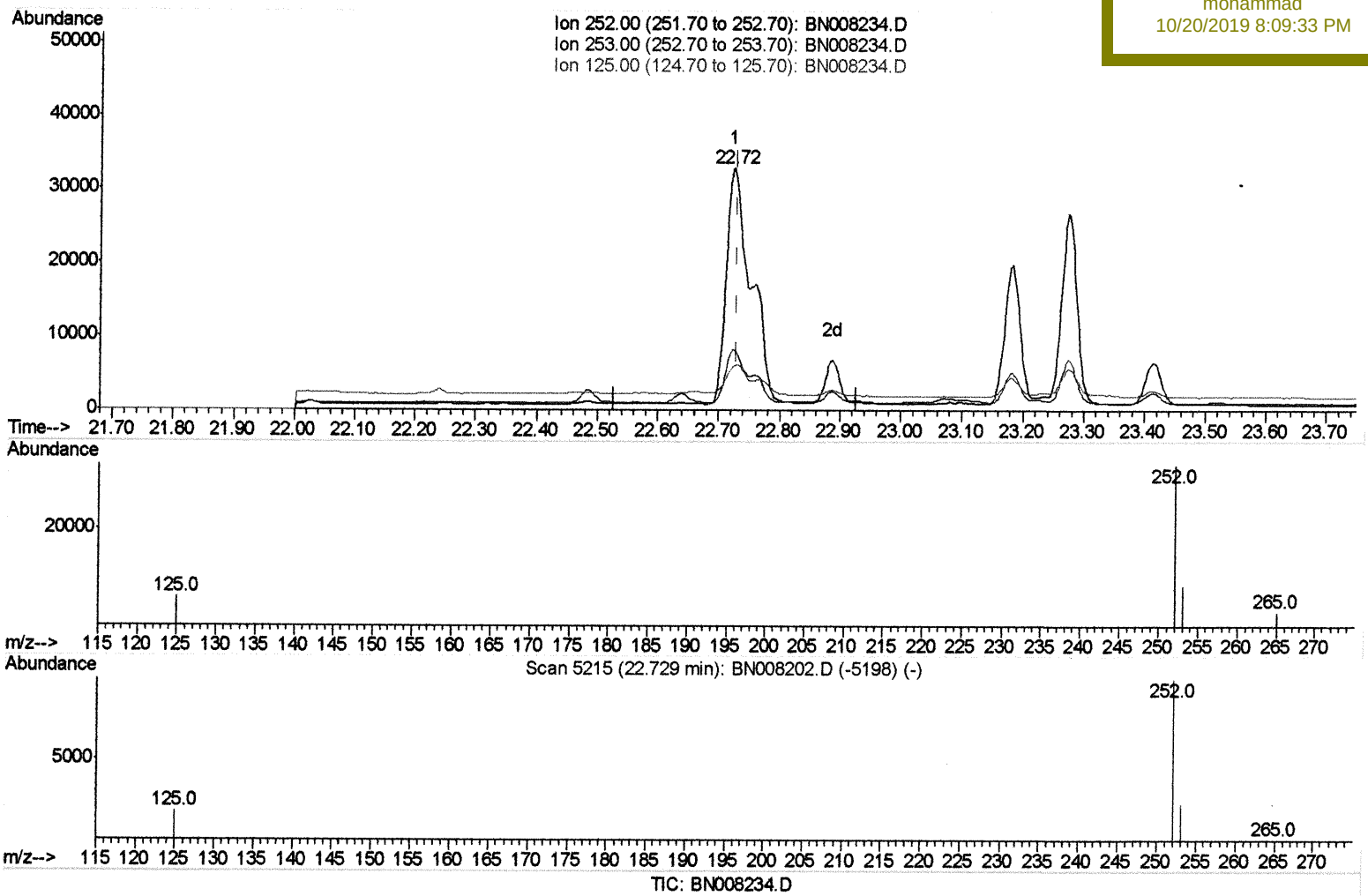
BNA_N
ClientSampleId :
BEP96

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:33 PM



TIC: BN008234.D

(21) Benzo(b)fluoranthene

22.723min (-0.006) 1.64ng/ul m

response 67475

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.17
125.00	16.20	18.29
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 22:58
Operator : JU
Sample : K5177-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 18 03:54:10 2019
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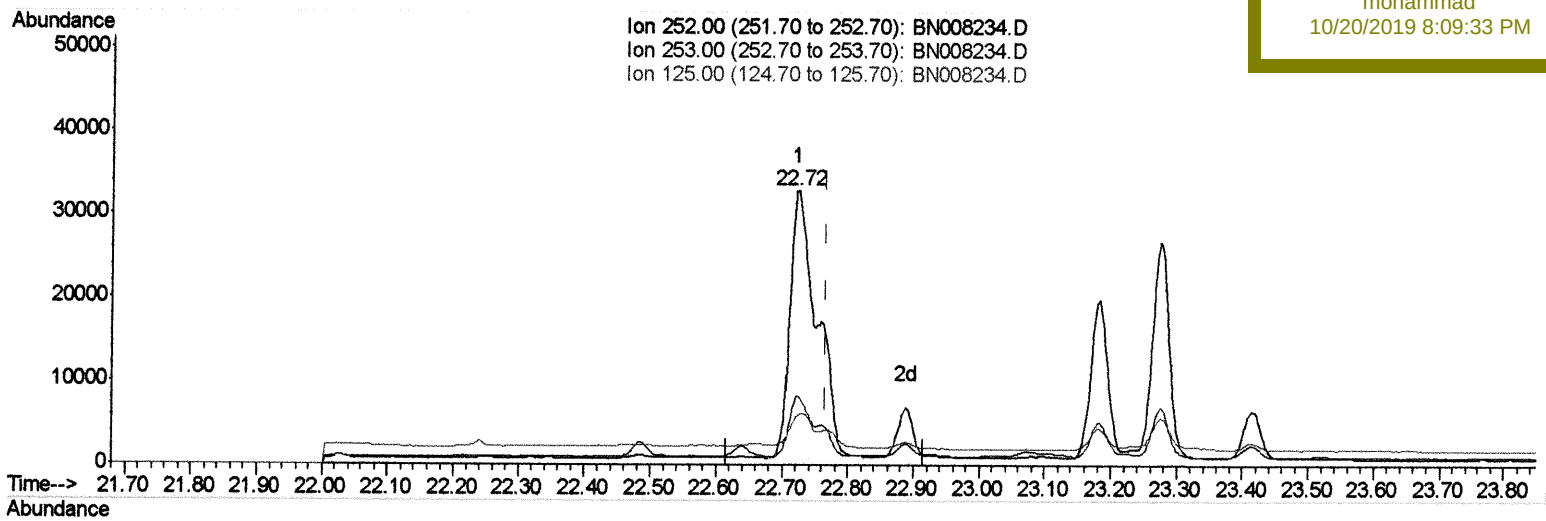
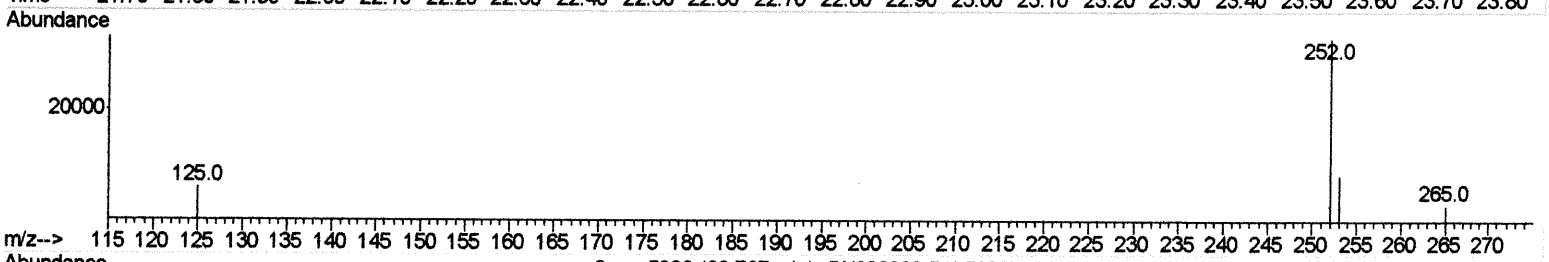
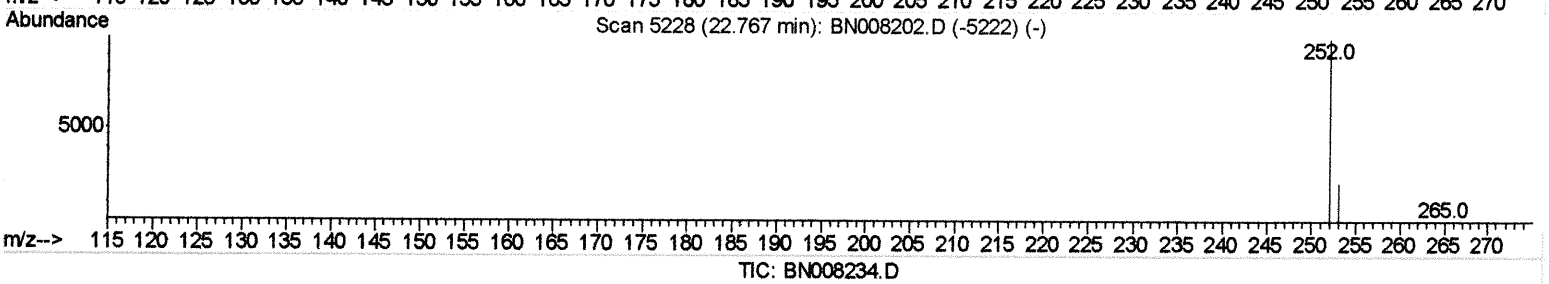
BNA_N
ClientSampleId :
BEP96

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:33 PM







TIC: BN008234.D

(22) Benzo(k)fluoranthene

22.723min (-0.044) 1.96ng/ul

response 91507

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.17
125.00	15.40	18.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : JU
Sample : K5177-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

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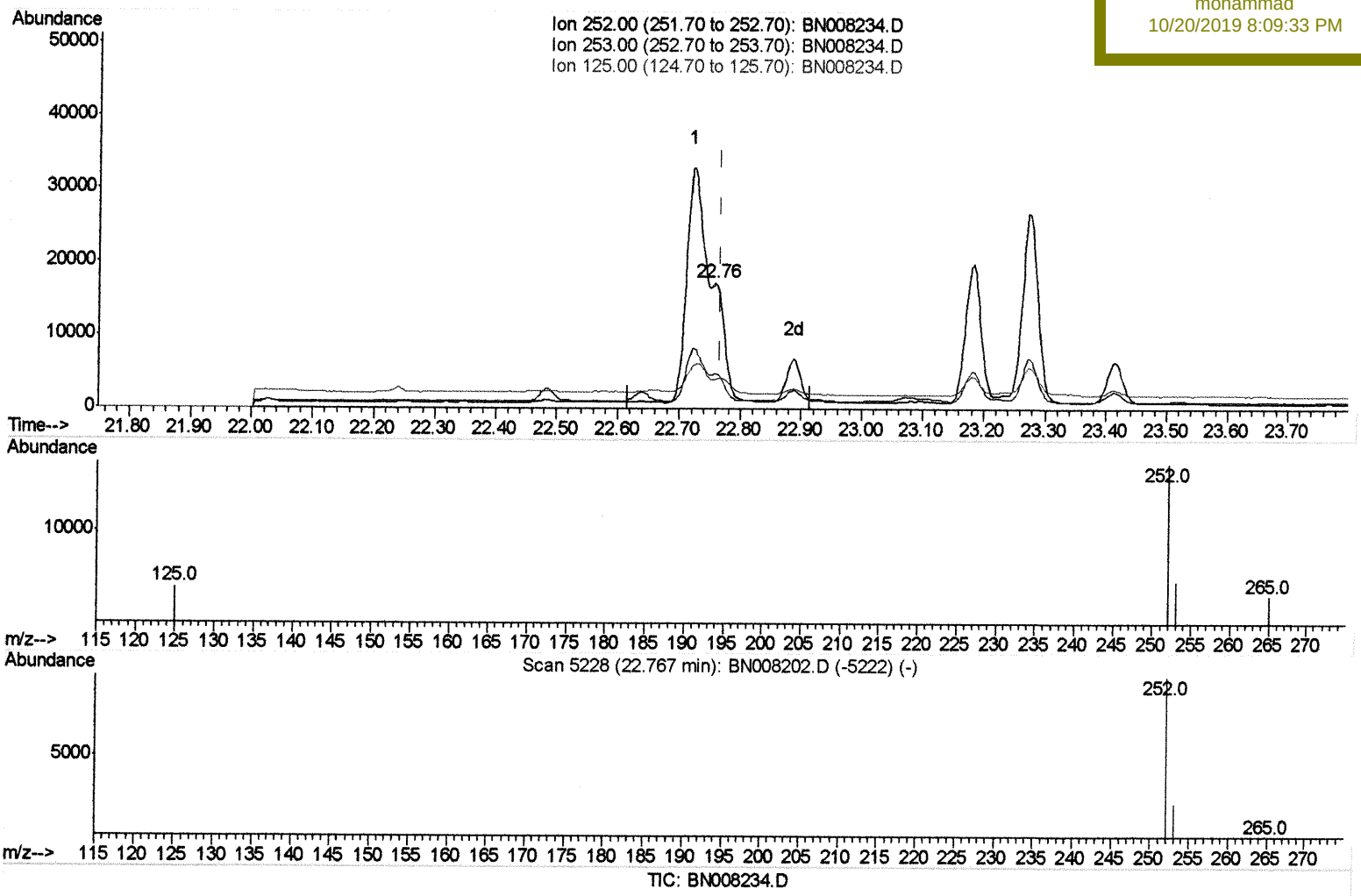
Instrument :
BNA_N
ClientSampleId :
BEP96

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:33 PM



TIC: BN008234.D

(22) Benzo(k)fluoranthene

22.758min (-0.009) 0.48ng/ul m

response 22250

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.50
125.00	15.40	23.39#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : K5177-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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10/20/2019 8:09:33 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3114	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14853	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9082	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19435m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	14220	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12631	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3565	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	9710	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	2452	0.058	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	1307	0.045	ng/ul	99
7) Acenaphthylene	13.95	152	5482	0.127	ng/ul	94
8) Acenaphthene	14.30	153	1644	0.049	ng/ul	98
9) Fluorene	15.29	166	2347	0.061	ng/ul#	96
12) Phenanthrene	17.03	178	51330	0.902	ng/ul	99
13) Anthracene	17.12	178	9382	0.187	ng/ul	97
15) Fluoranthene	19.05	202	128281	1.707	ng/ul	98
17) Pyrene	19.42	202	115589	2.042	ng/ul	99
18) Benzo(a)anthracene	21.17	228	54138	1.047	ng/ul	96
19) Chrysene	21.22	228	62772	0.989	ng/ul	97
21) Benzo(b)fluoranthene	22.72	252	67475m	1.641	ng/ul	95
22) Benzo(k)fluoranthene	22.76	252	22250m	0.478	ng/ul	95
23) Benzo(a)pyrene	23.27	252	45886	1.060	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.53	276	33596	0.659	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	7602	0.189	ng/ul#	68
26) Benzo(g,h,i)perylene	26.19	276	31811	0.681	ng/ul	96

JU 10/21/19

JU 10/21/19

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