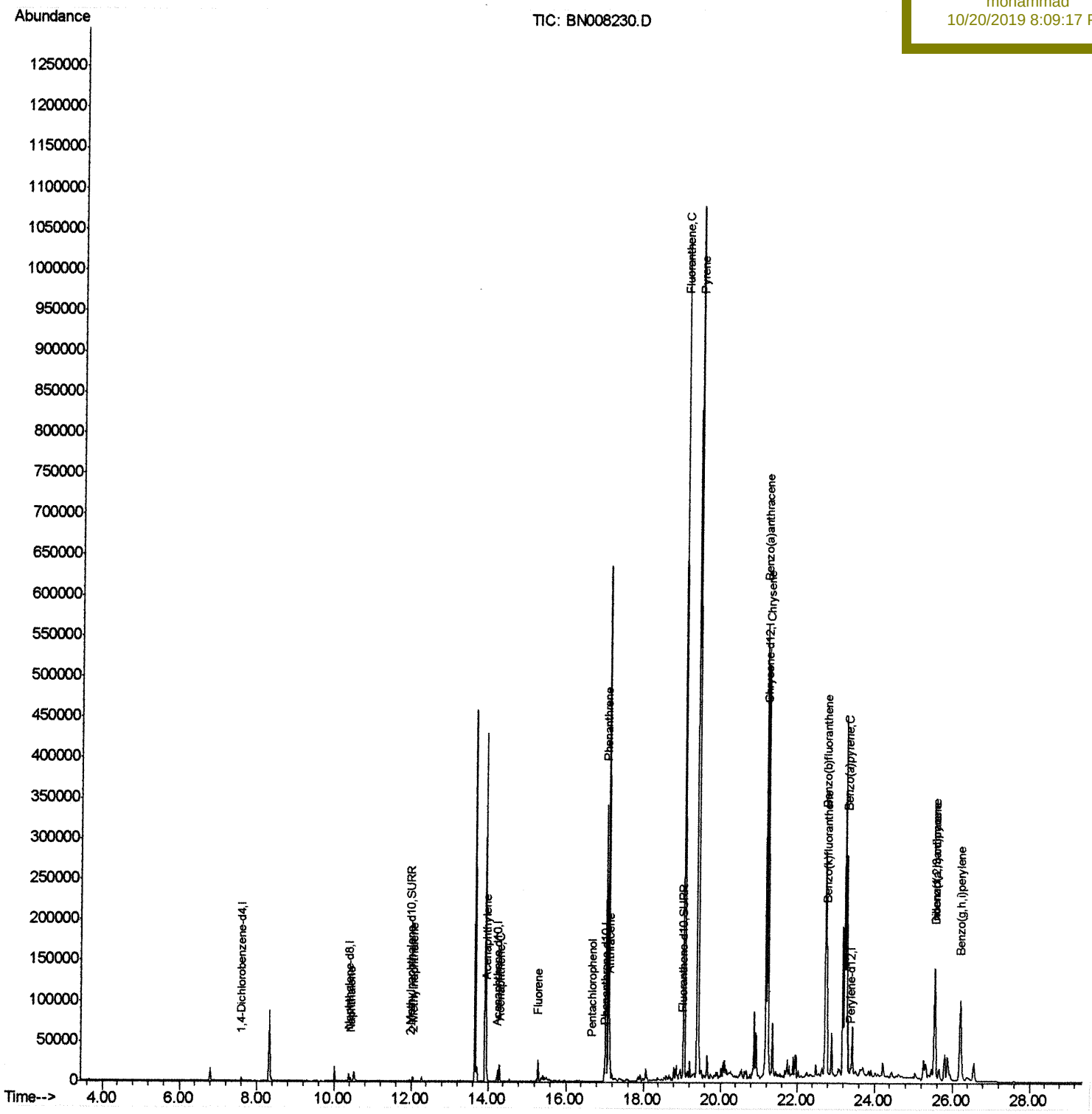
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008230.D
Acq On : 17 Oct 2019 20:34
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 18 03:07:52 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 :
BEP94

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:17 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008230.D
Acq On : 17 Oct 2019 20:34
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 18 01:59:20 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 :
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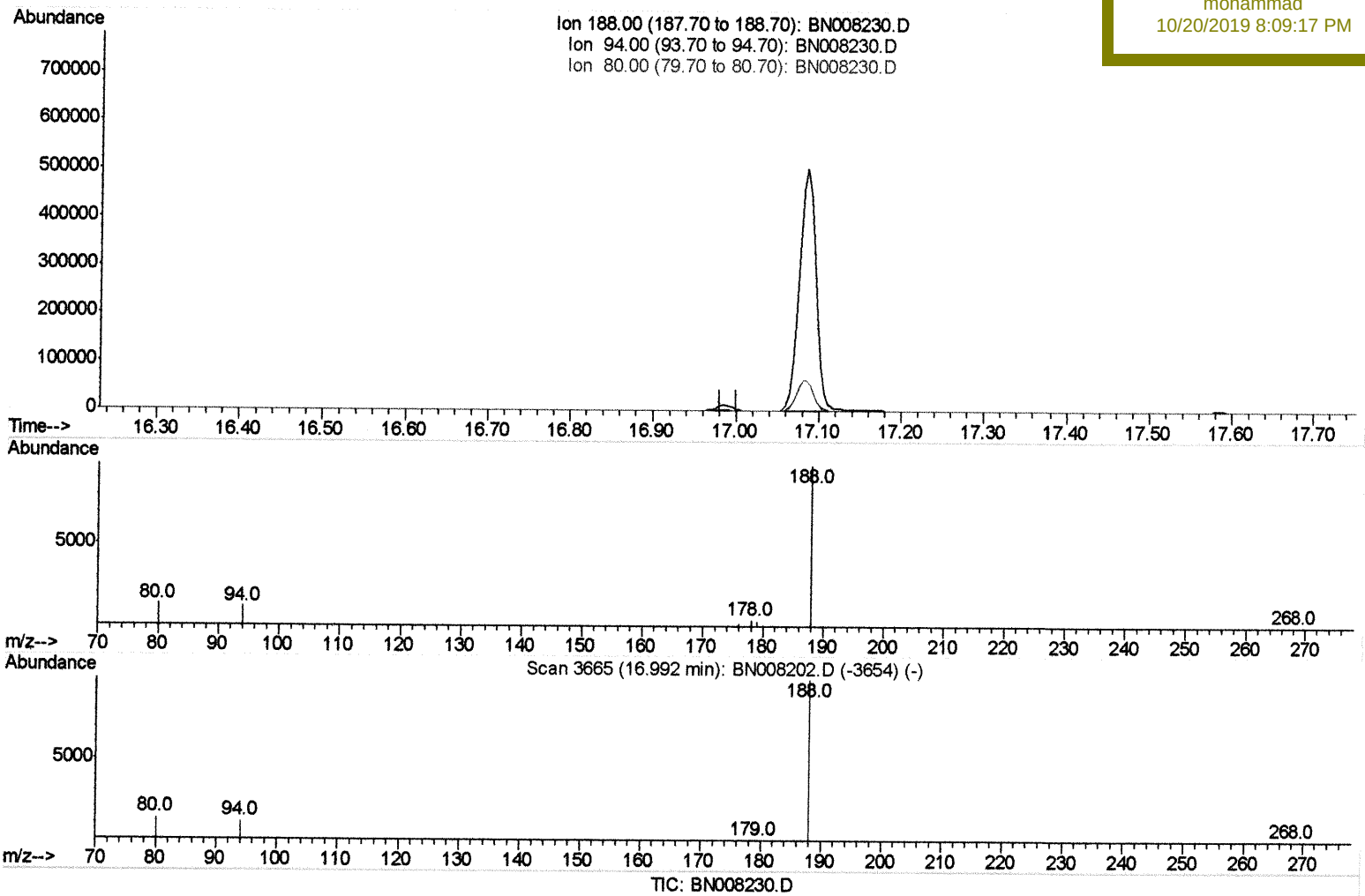
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:17 PM



TIC: BN008230.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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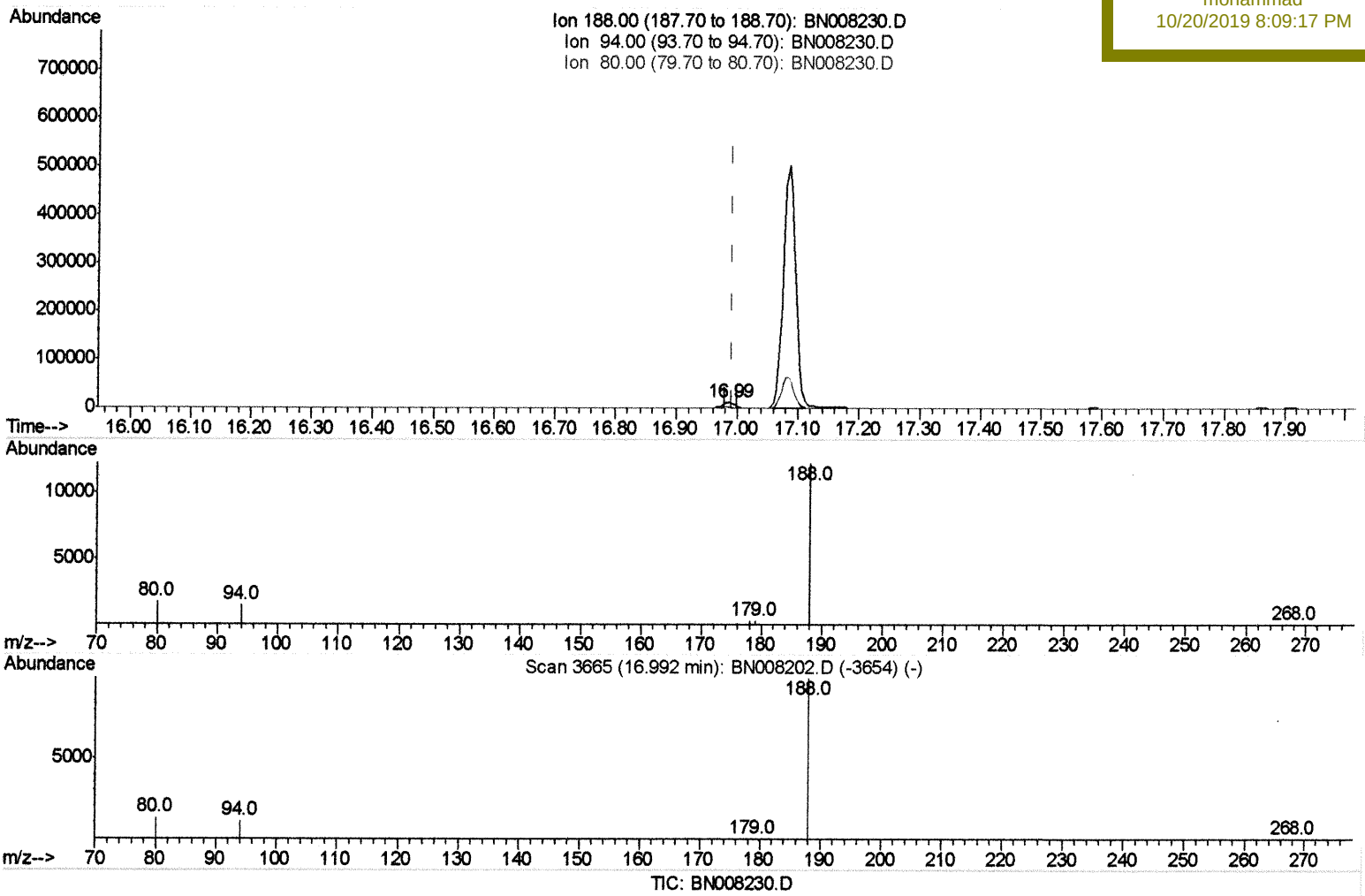
mohammad
10/20/2019 8:09:17 PM



TIC: BN008230.D

(10) Phenanthrene-d10 (I)

16.988min (-0.004) 0.40ng/ul m

JU 10/21/19

response 16750

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.33
80.00	12.60	14.25
0.00	0.00	0.00

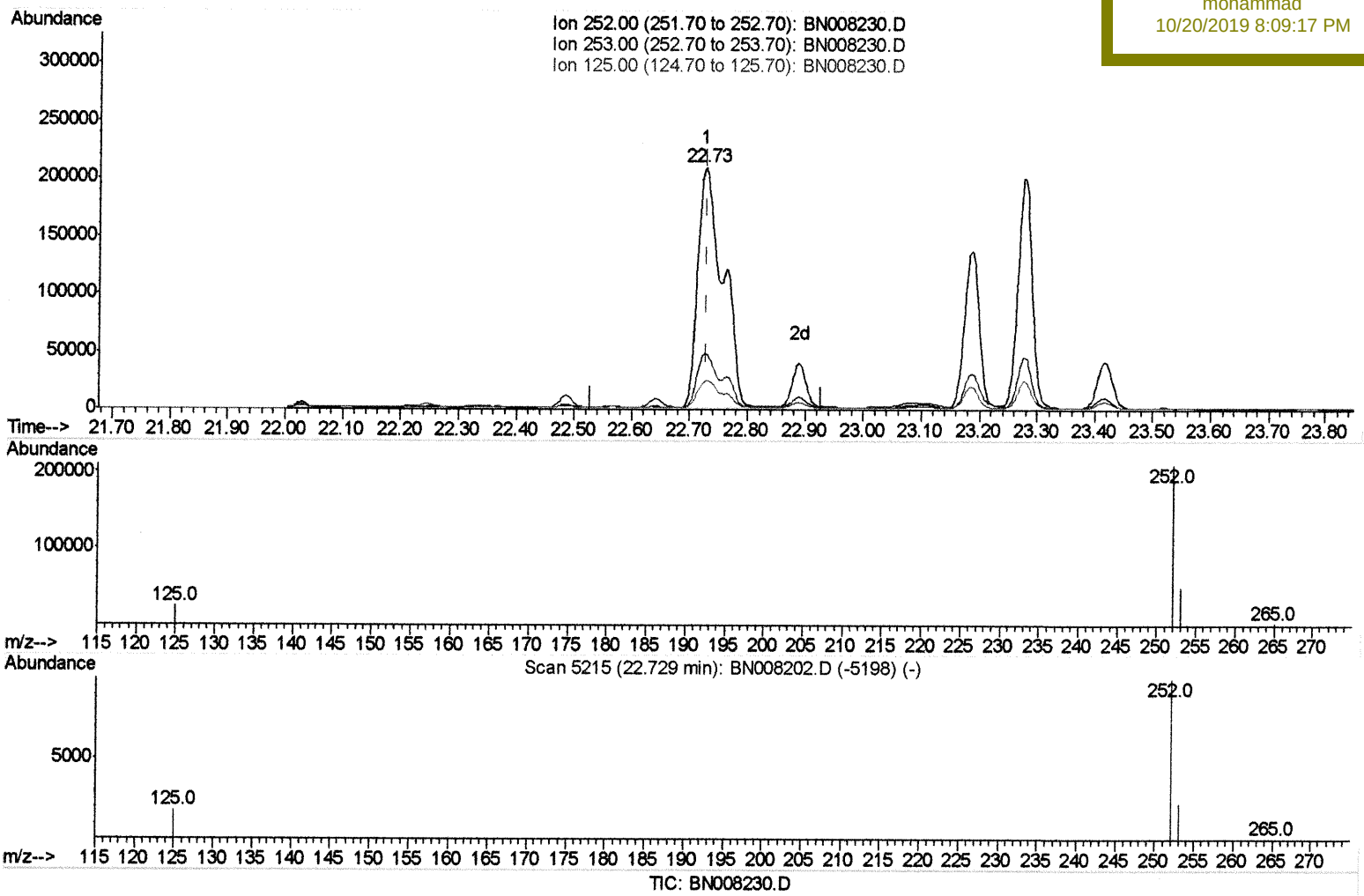
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008230.D
Acq On : 17 Oct 2019 20:34
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 18 03:06:32 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 :
BEP94

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:17 PM



TIC: BN008230.D

(21) Benzo(b)fluoranthene

22.726min (-0.003) 18.44ng/ul

response 628034

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.14
125.00	16.20	11.65
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 20:34
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Sample : K5177-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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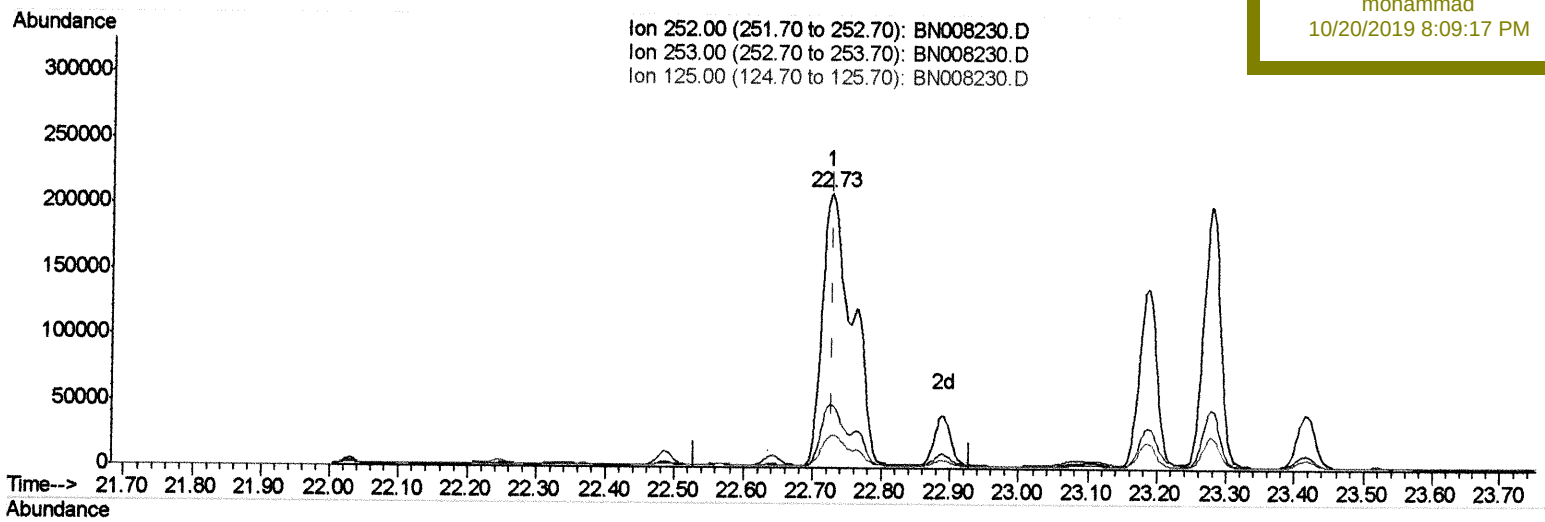
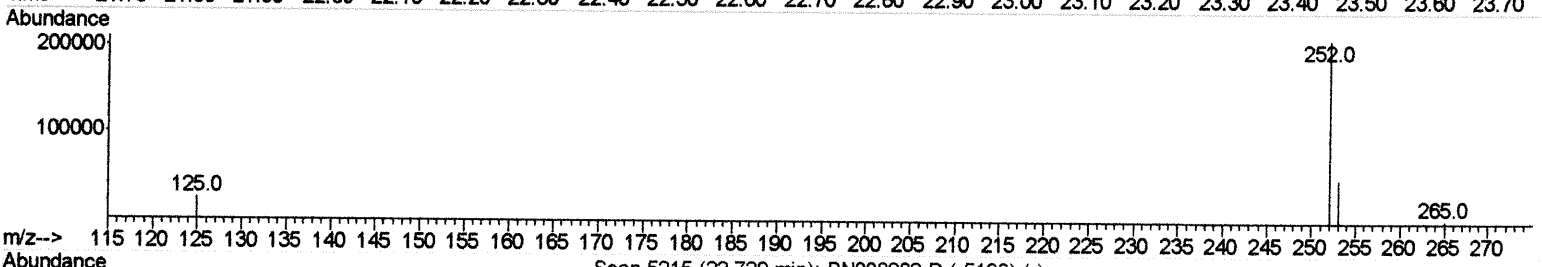
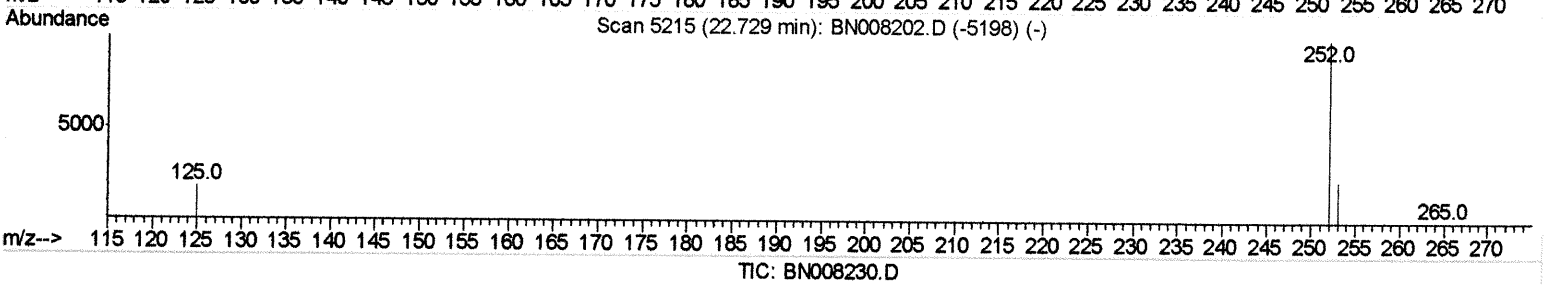
BNA_N
ClientSampleId :
BEP94

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:17 PM







TIC: BN008230.D

(21) Benzo(b)fluoranthene

22.726min (-0.003) 13.54ng/ul m

response 461032

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.14
125.00	16.20	11.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008230.D
Acq On : 17 Oct 2019 20:34
Operator : JU
Sample : K5177-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 18 03:06:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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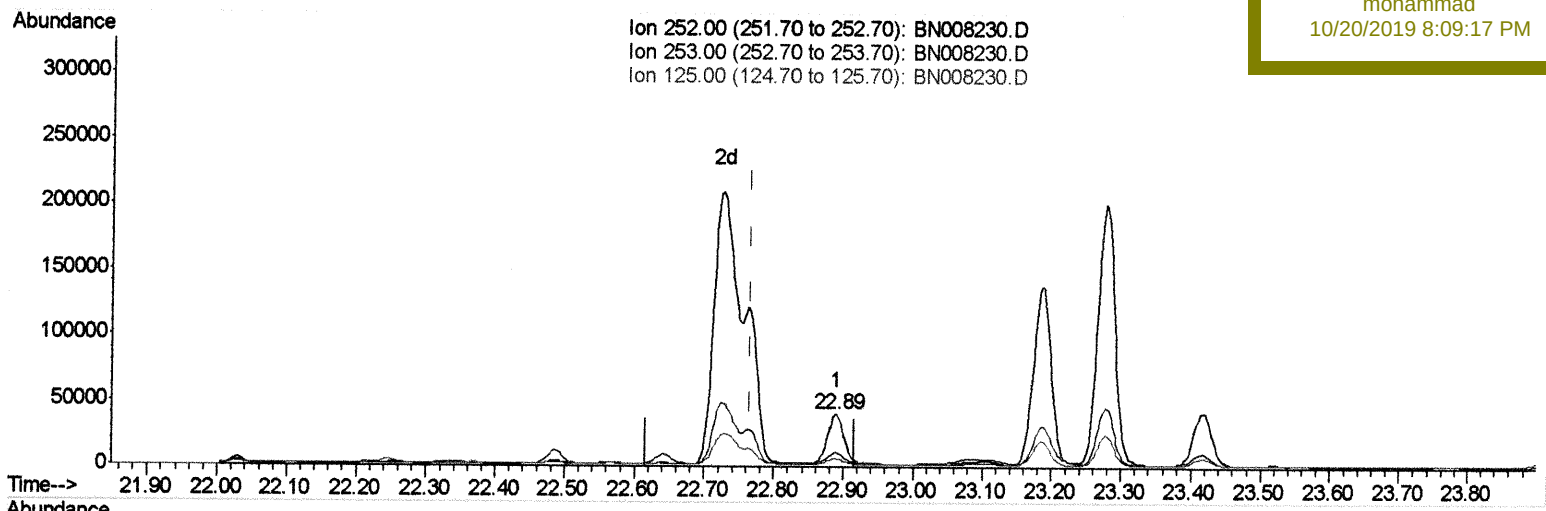
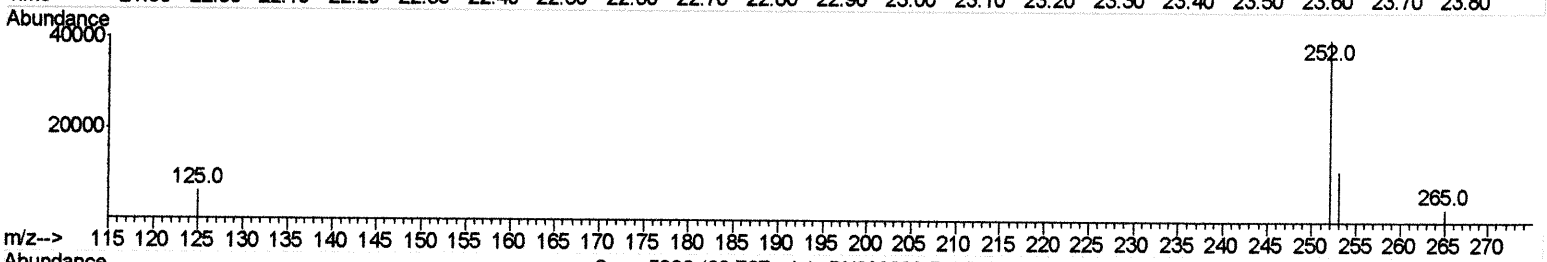
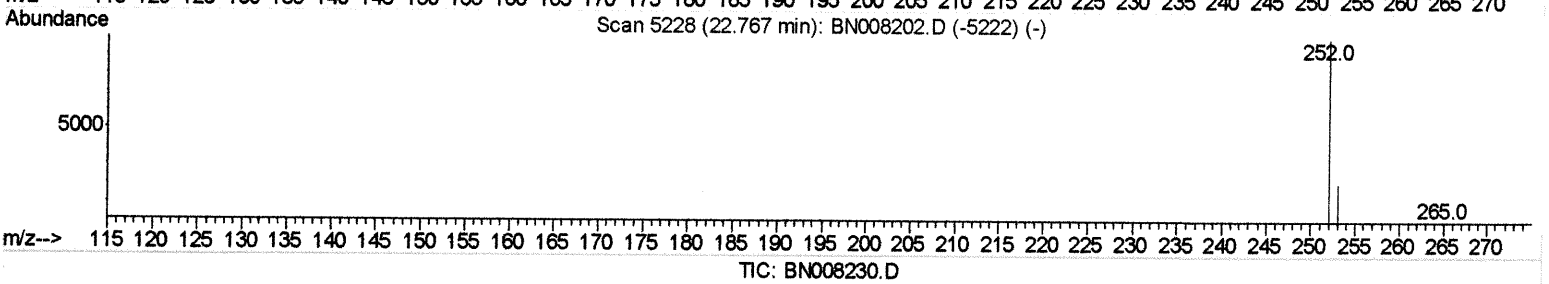
Instrument :
BNA_N
ClientSampleId :
BEP94

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:17 PM







TIC: BN008230.D

(22) Benzo(k)fluoranthene

22.890min (+0.123) 1.38ng/ul

response 53350

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.78
125.00	15.40	16.16
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 17 Oct 2019 20:34
Operator : JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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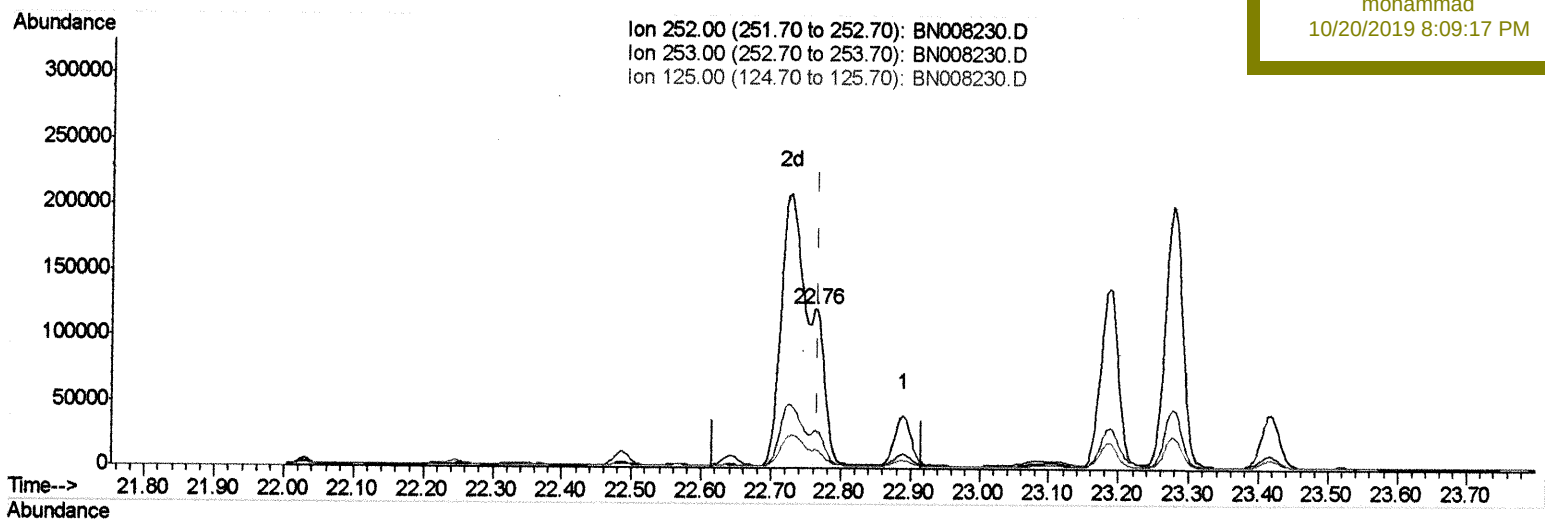
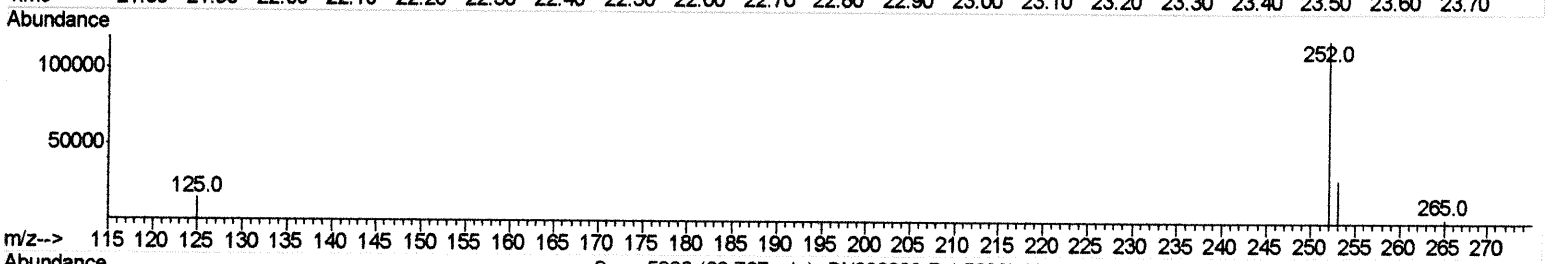
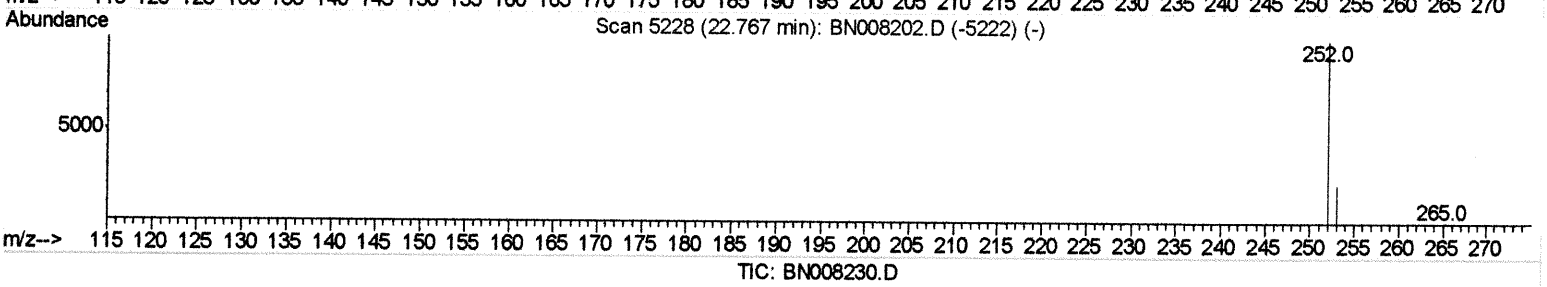
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:17 PM







TIC: BN008230.D

(22) Benzo(k)fluoranthene

22.761min (-0.006) 4.17ng/ul m

response 161031

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.74
125.00	15.40	11.66#
0.00	0.00	0.00

10/21/19

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Manual Integrations APPROVED
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10/20/2019 8:09:17 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2561	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12426	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7594	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	16750m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	13174	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	10461	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3520	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10438	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	7431	0.210	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	4583	0.189	ng/ul	100
7) Acenaphthylene	13.95	152	20872	0.577	ng/ul	99
8) Acenaphthene	14.30	153	12372	0.440	ng/ul	99
9) Fluorene	15.29	166	16728	0.524	ng/ul	97
11) Pentachlorophenol	16.65	266	179	0.044	ng/ul	96
12) Phenanthrene	17.03	178	349305	7.123	ng/ul	99
13) Anthracene	17.12	178	71454	1.656	ng/ul	99
15) Fluoranthene	19.05	202	853647	13.180	ng/ul	98
17) Pyrene	19.42	202	876858	16.716	ng/ul	100
18) Benzo(a)anthracene	21.17	228	462411	9.654	ng/ul	98
19) Chrysene	21.23	228	482770	8.213	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	461032m	13.538	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	161031m	4.174	ng/ul	
23) Benzo(a)pyrene	23.28	252	342864	9.568	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.53	276	203362	4.818	ng/ul	100
25) Dibenzo(a,h)anthracene	25.54	278	55454	1.662	ng/ul	99
26) Benzo(g,h,i)perylene	26.19	276	199245	5.148	ng/ul	98

JU 10/21/19

JU 10/21/19

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