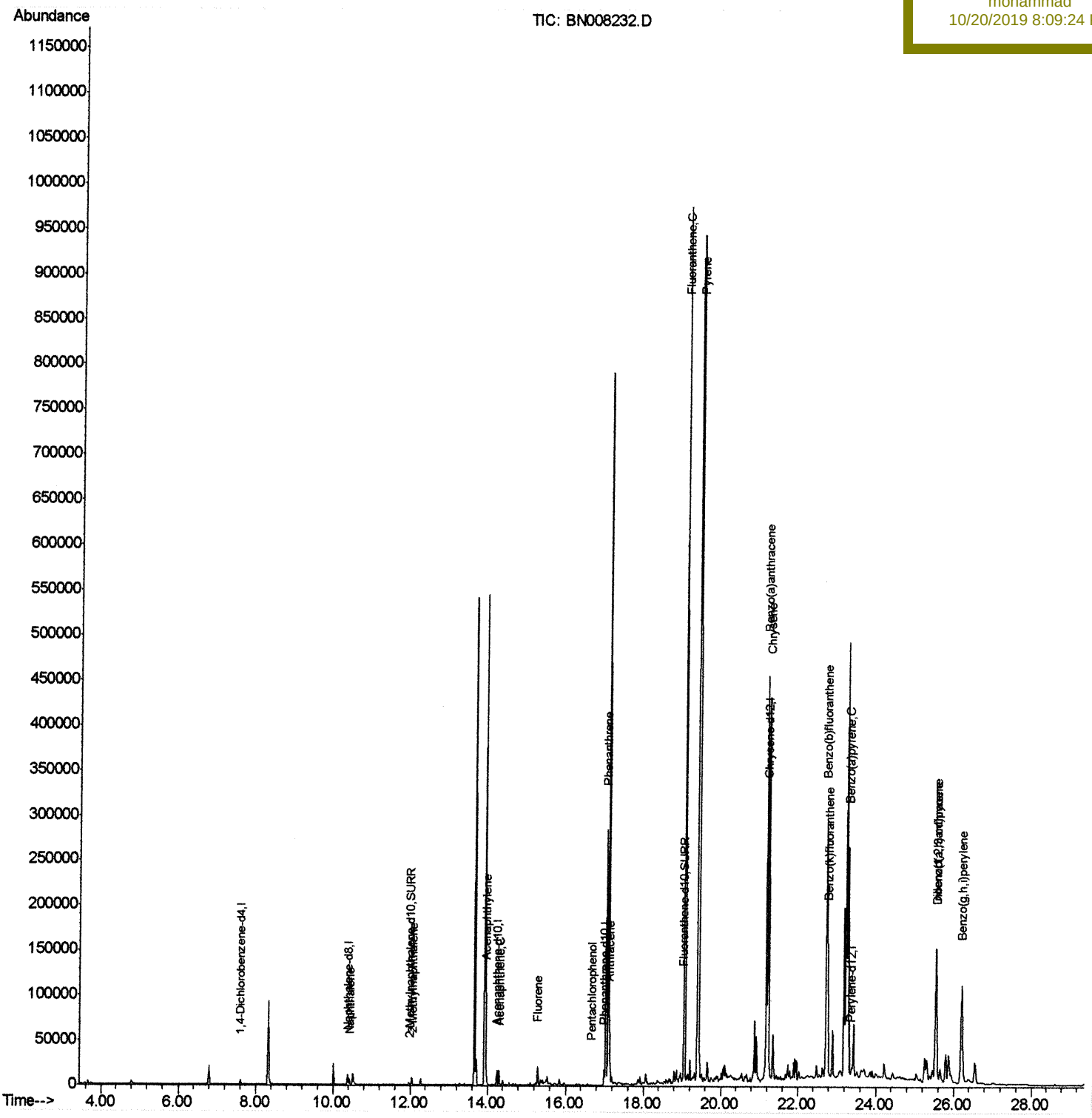
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008232.D
Acq On : 17 Oct 2019 21:46
Operator : JU
Sample : K5177-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 18 03:50:34 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 :
BEPA2

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:24 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008232.D
Acq On : 17 Oct 2019 21:46
Operator : JU
Sample : K5177-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 18 01:59:30 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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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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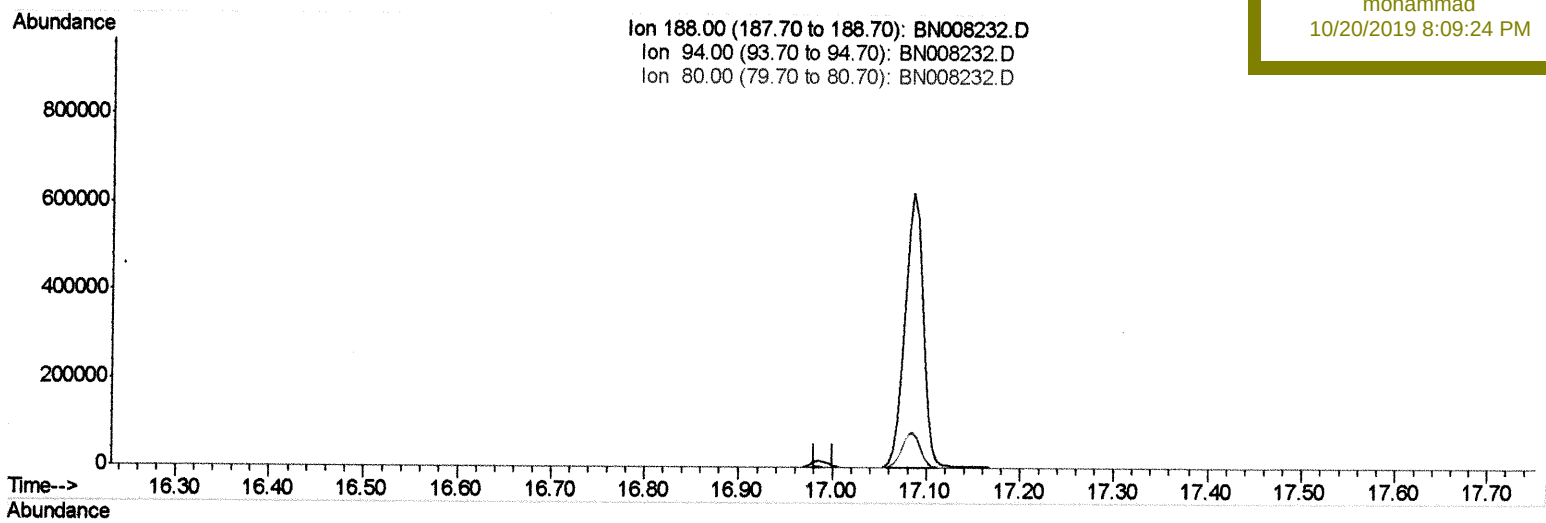

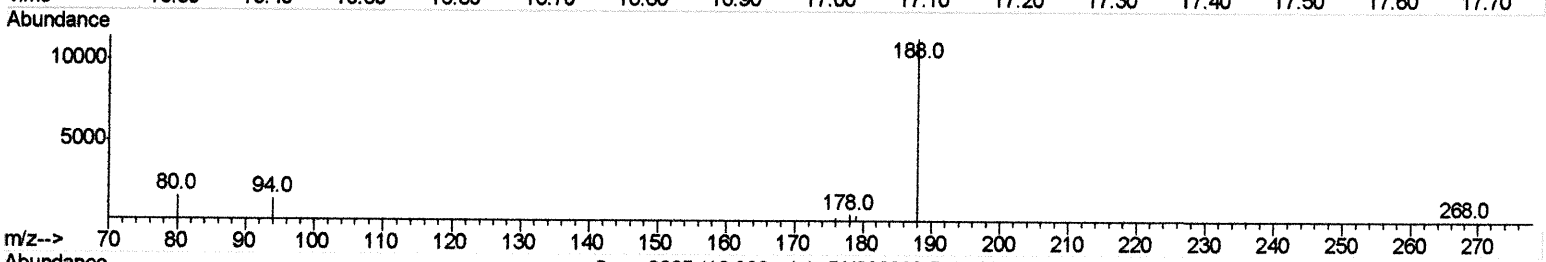

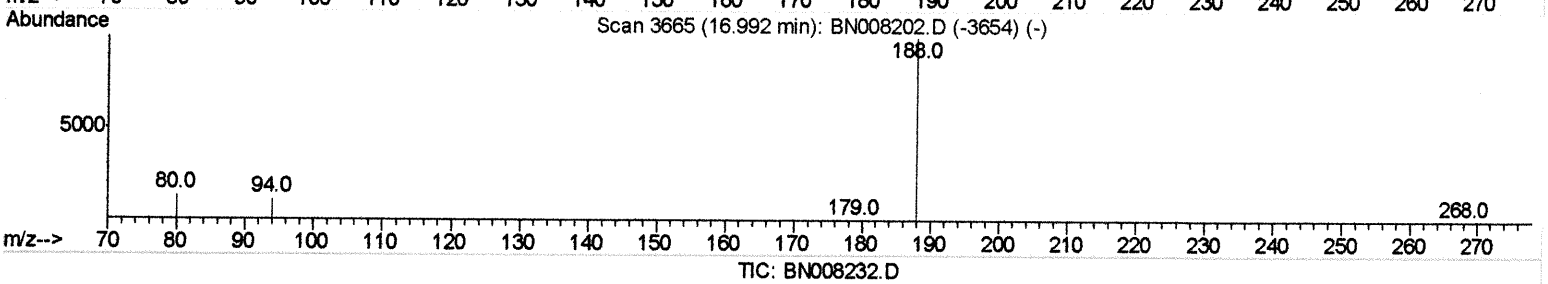

(10) Phenanthrene-d10 (I)

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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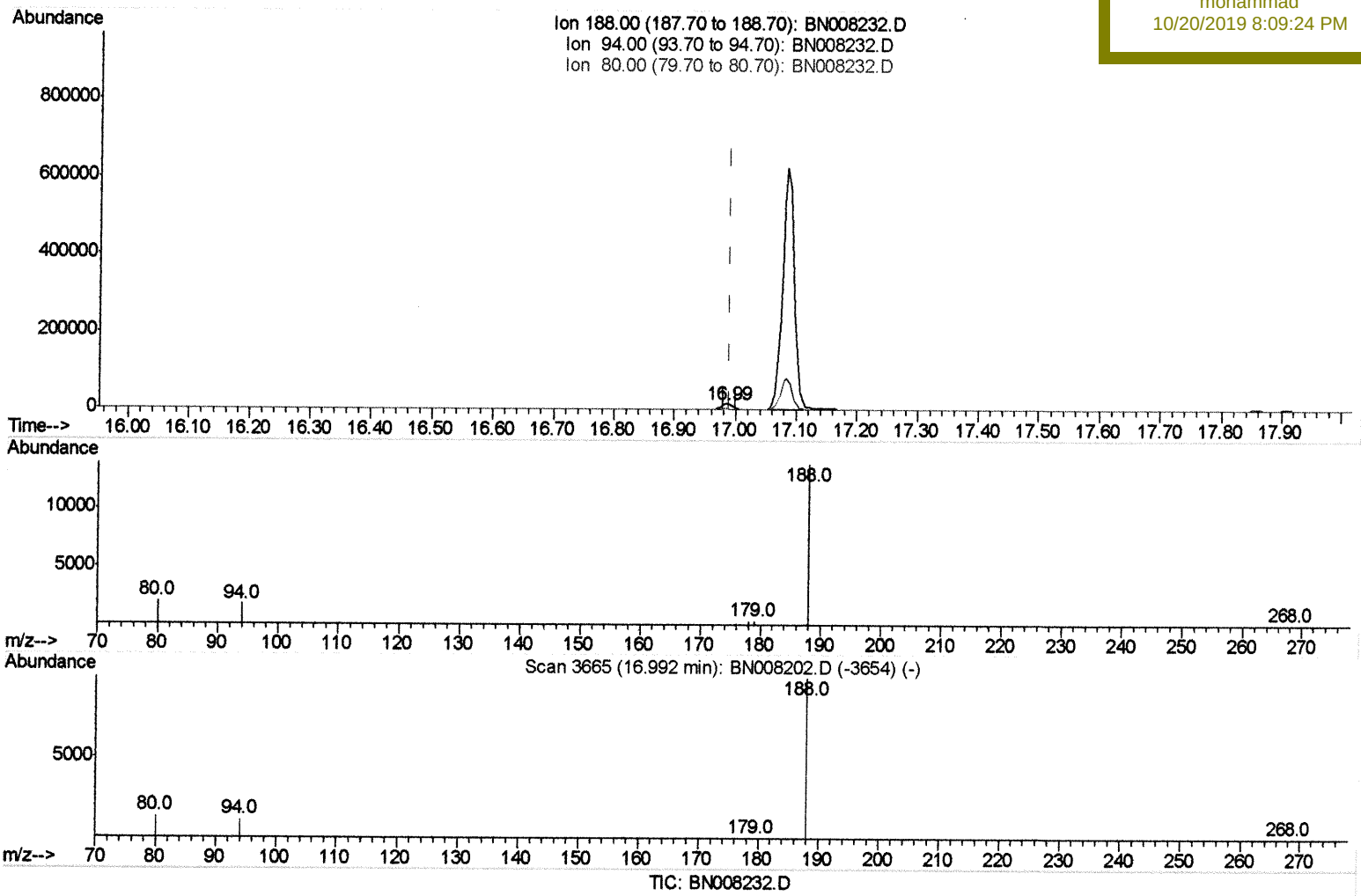
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:24 PM



TIC: BN008232.D

(10) Phenanthrene-d10 (I)

16.988min (-0.004) 0.40ng/ul m

JU 10/21/19

response 19388

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.45
80.00	12.60	14.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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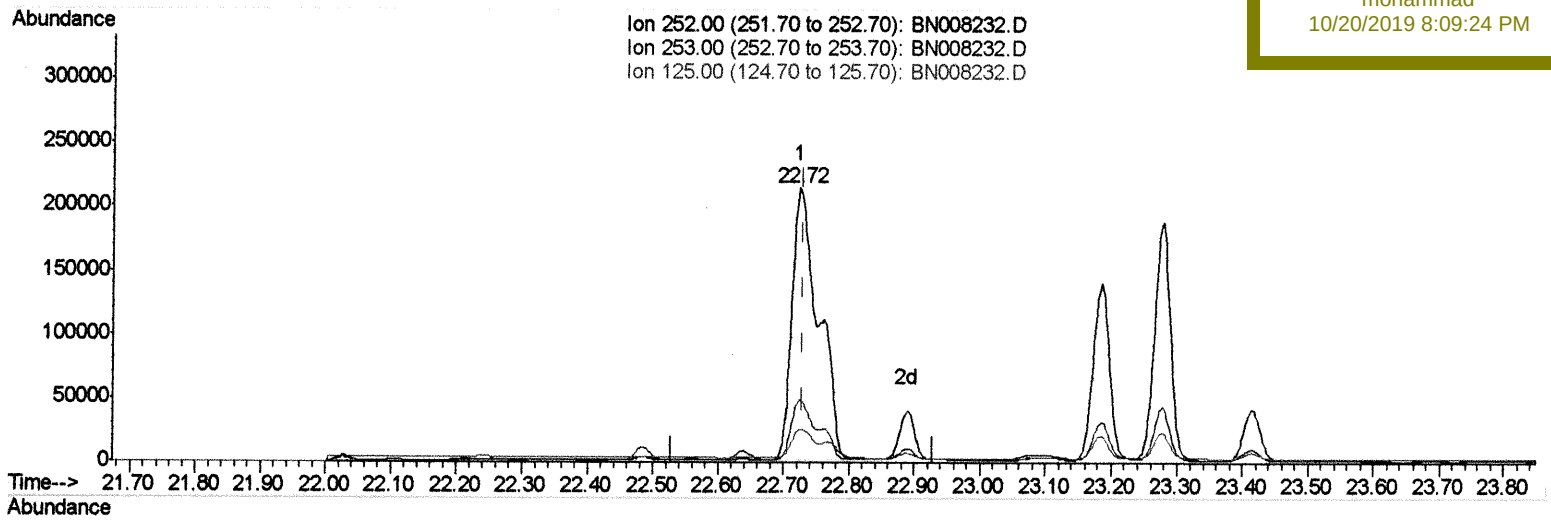
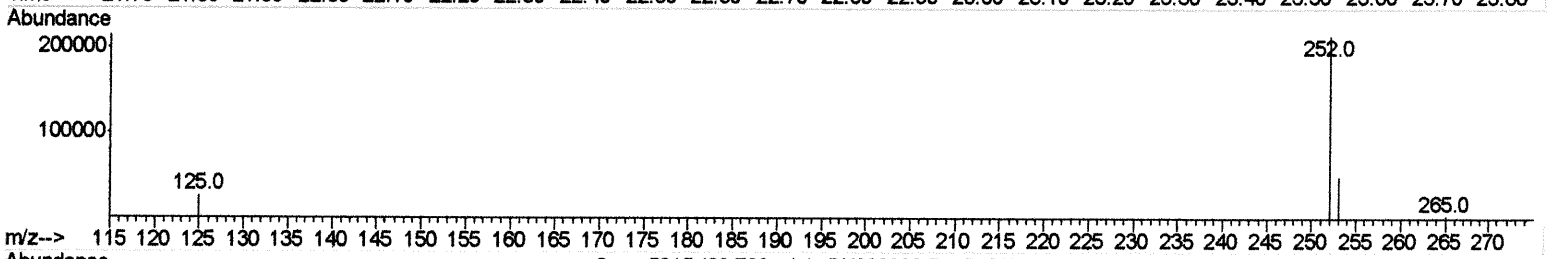
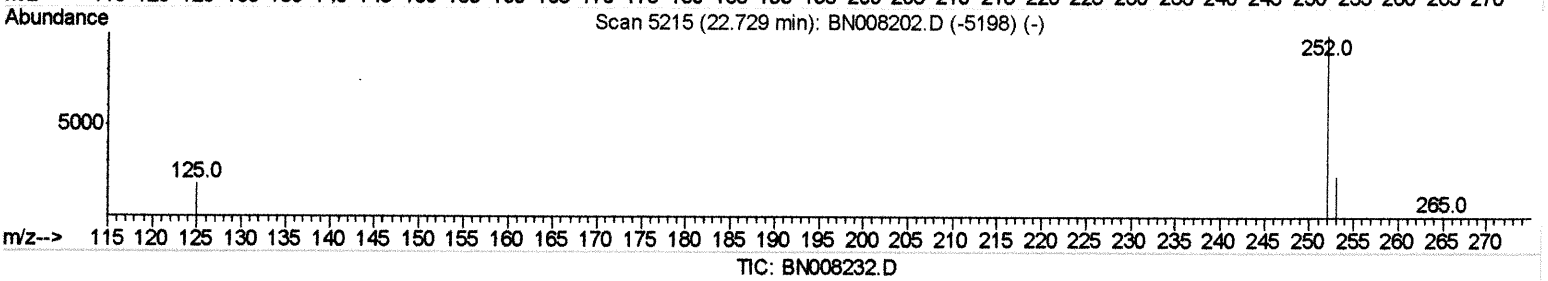
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:24 PM







TIC: BN008232.D

(21) Benzo(b)fluoranthene

22.723min (-0.006) 16.23ng/ul

response 601928

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.96
125.00	16.20	11.88
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 21:46
Operator : JU
Sample : K5177-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 18 03:46:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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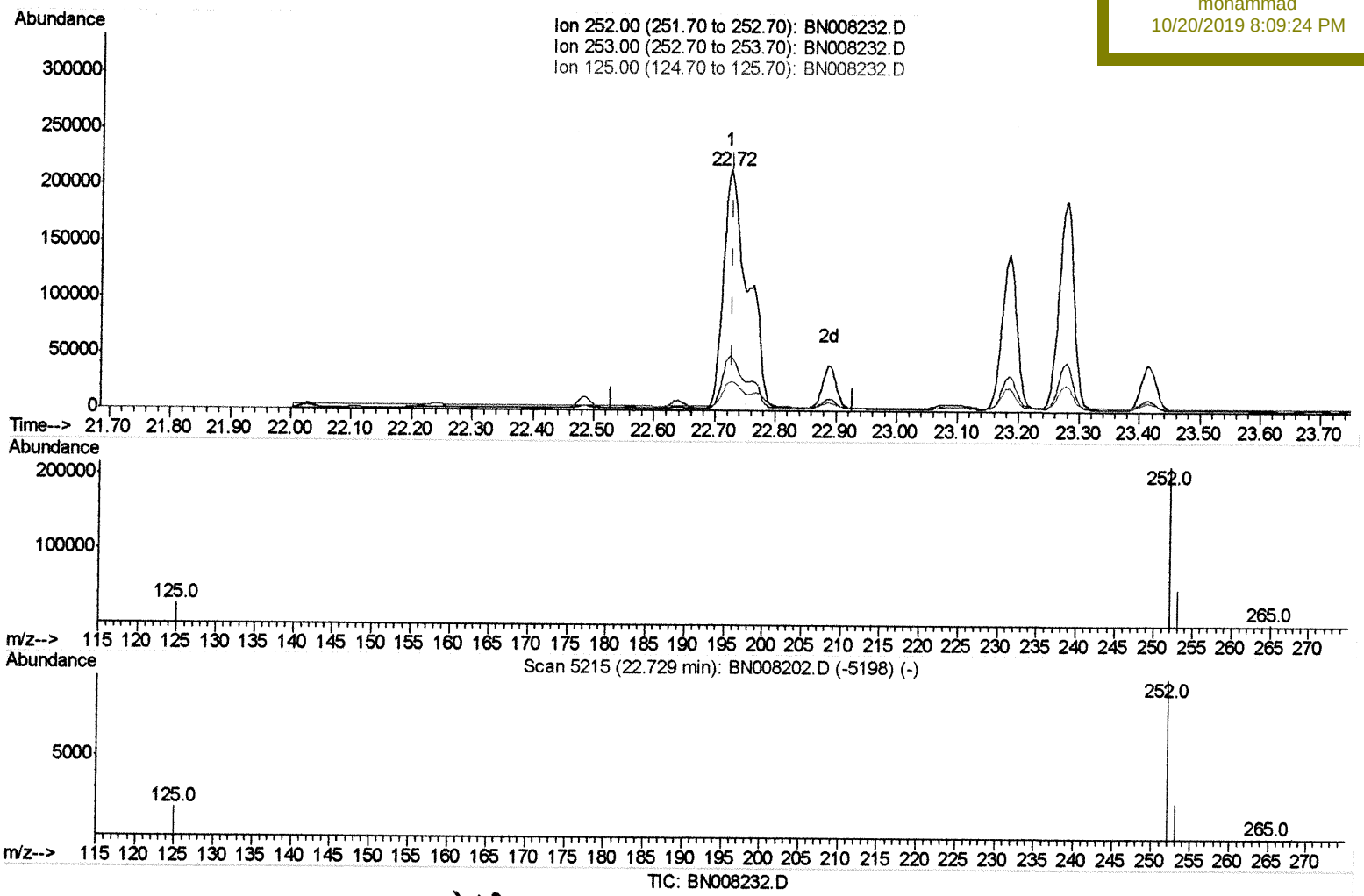
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPA2

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:24 PM



TIC: BN008232.D

(21) Benzo(b)fluoranthene

22.723min (-0.006) 11.84ng/ul m

JU 10/21/19

response 439155

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.96
125.00	16.20	11.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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Operator : JU
Sample : K5177-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 18 03:46:34 2019
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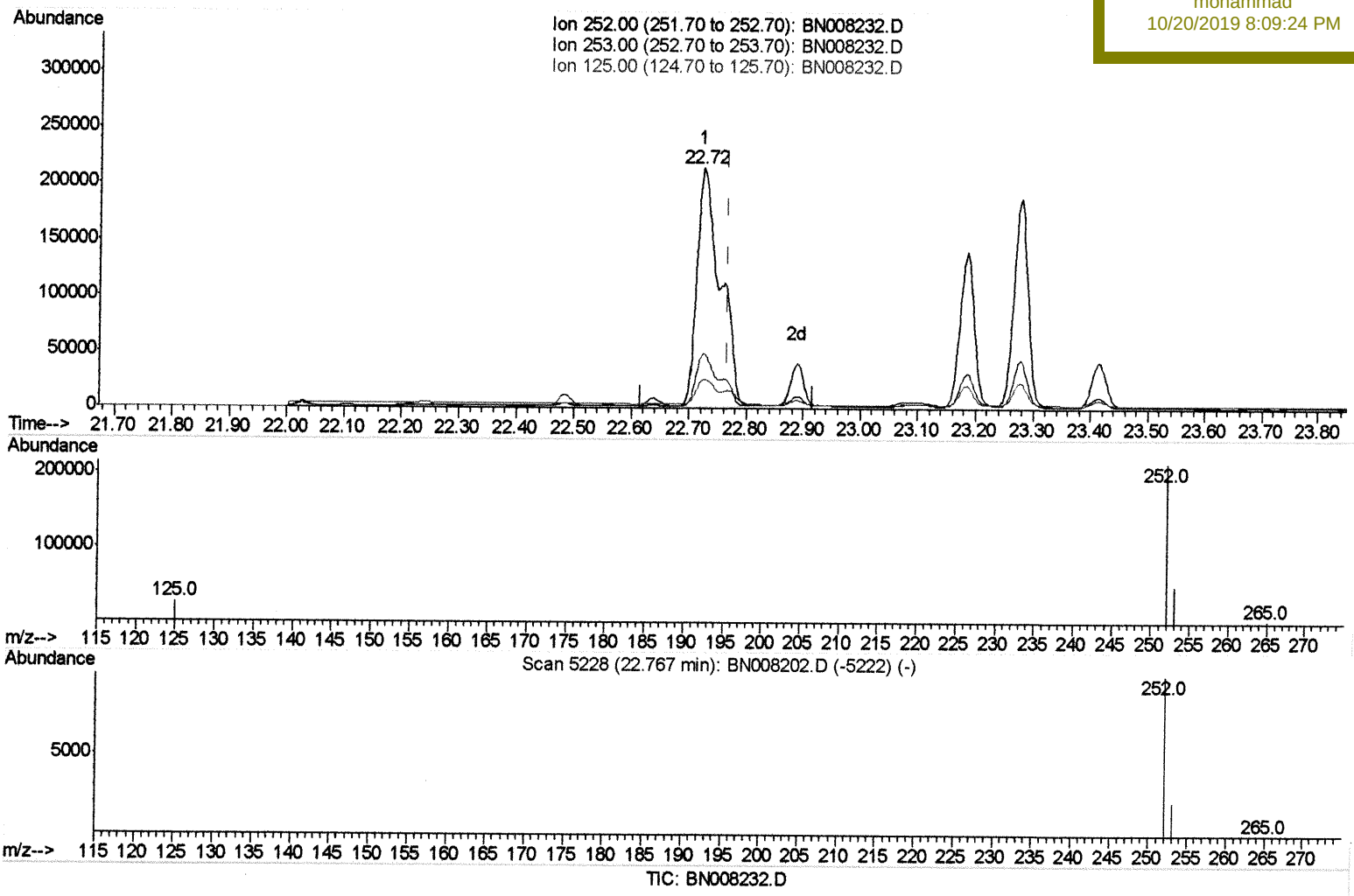
Instrument :
BNA_N
ClientSampleId :
BEPA2

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:24 PM



TIC: BN008232.D

(22) Benzo(k)fluoranthene

22.723min (-0.044) 14.33ng/ul

response 601928

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.96
125.00	15.40	11.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008232.D
Acq On : 17 Oct 2019 21:46
Operator : JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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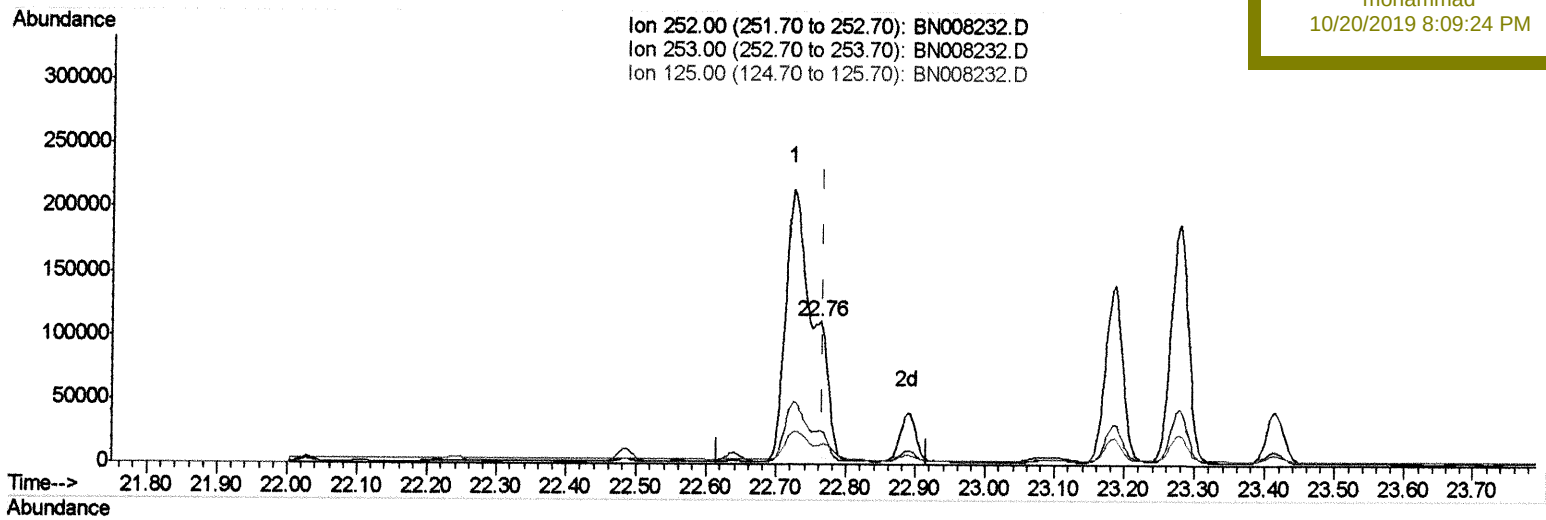
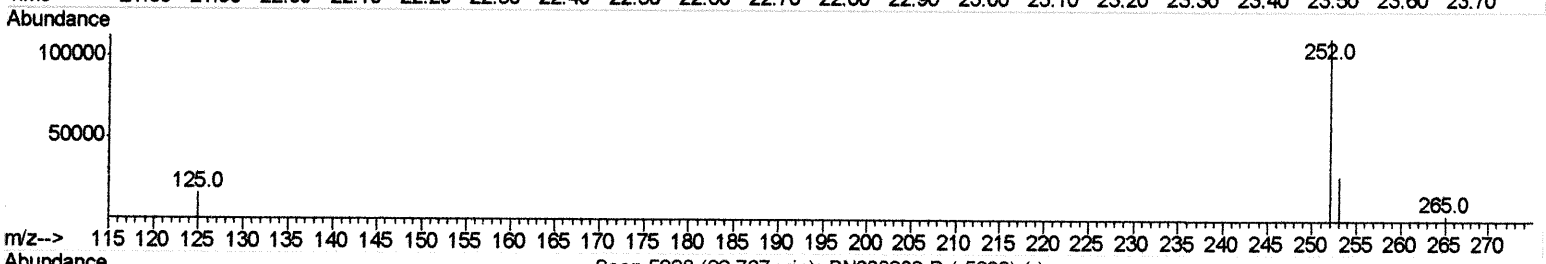
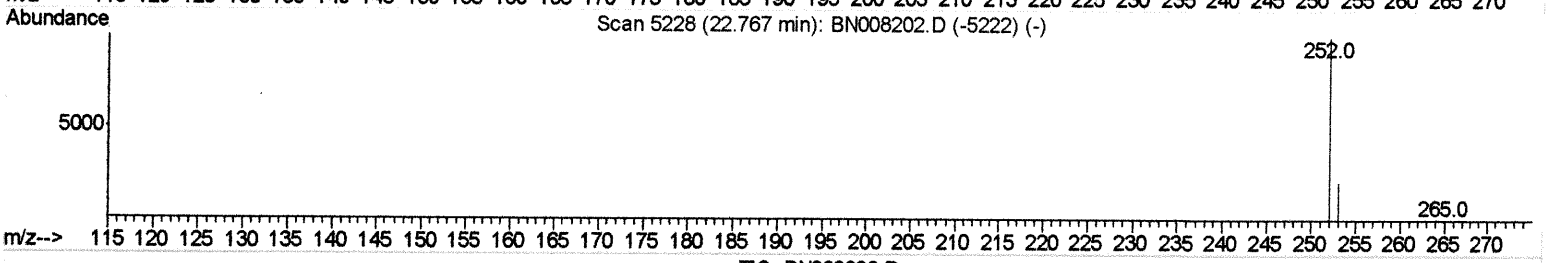
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:24 PM







TIC: BN008232.D

(22) Benzo(k)fluoranthene

22.761min (-0.006) 3.57ng/ul m

response 150099

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.94
125.00	15.40	13.91
0.00	0.00	0.00

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ALS Vial : 20 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
10/20/2019 8:09:24 PM

Quant Time: Oct 18 03:50:34 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3005	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14420	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9037	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19388m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	12771	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11393	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4487	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	11537	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	9426	0.230	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	6398	0.227	ng/ul	98
7) Acenaphthylene	13.95	152	24609	0.572	ng/ul	100
8) Acenaphthene	14.30	153	10017	0.299	ng/ul	100
9) Fluorene	15.29	166	12559	0.330	ng/ul#	96
11) Pentachlorophenol	16.65	266	391	0.083	ng/ul	96
12) Phenanthrene	17.03	178	296729	5.227	ng/ul	99
13) Anthracene	17.12	178	58630	1.174	ng/ul	99
15) Fluoranthene	19.05	202	770068	10.272	ng/ul	98
17) Pyrene	19.42	202	767691	15.097	ng/ul	100
18) Benzo(a)anthracene	21.17	228	368317	7.933	ng/ul	98
19) Chrysene	21.22	228	408779	7.174	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	439155m	11.841	ng/ul	98
22) Benzo(k)fluoranthene	22.76	252	150099m	3.573	ng/ul	98
23) Benzo(a)pyrene	23.28	252	323917	8.300	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.54	276	222230	4.835	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.54	278	58103	1.599	ng/ul	98
26) Benzo(g,h,i)perylene	26.19	276	219986	5.219	ng/ul	98

JU 10/21/19

JU 10/21/19

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