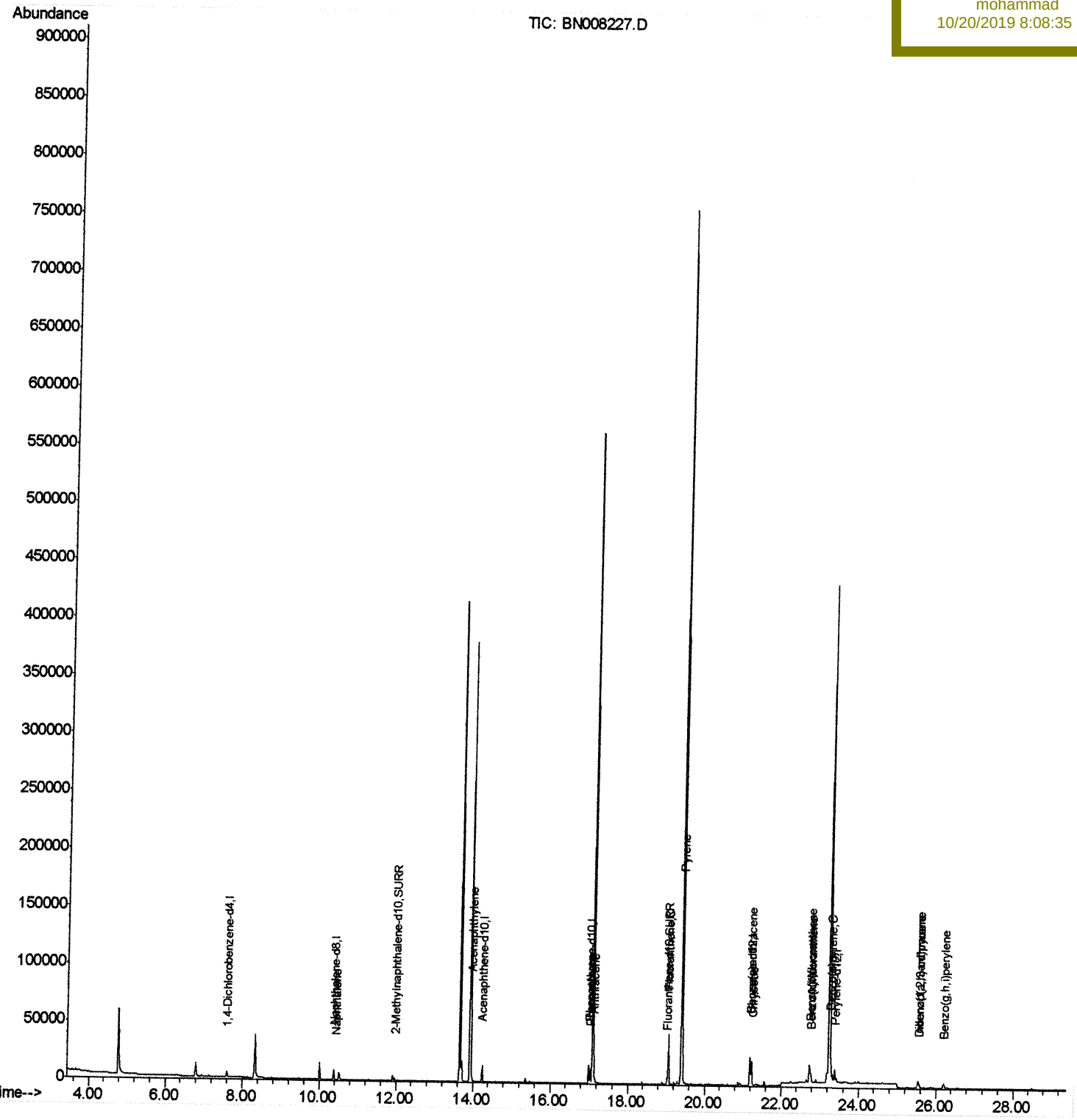
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008227.D
Acq On : 17 Oct 2019 18:46
Operator : JU
Sample : K5177-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 18 02:58:39 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 :
BEP98

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:35 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008227.D
Acq On : 17 Oct 2019 18:46
Operator : JU
Sample : K5177-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 18 01:59:08 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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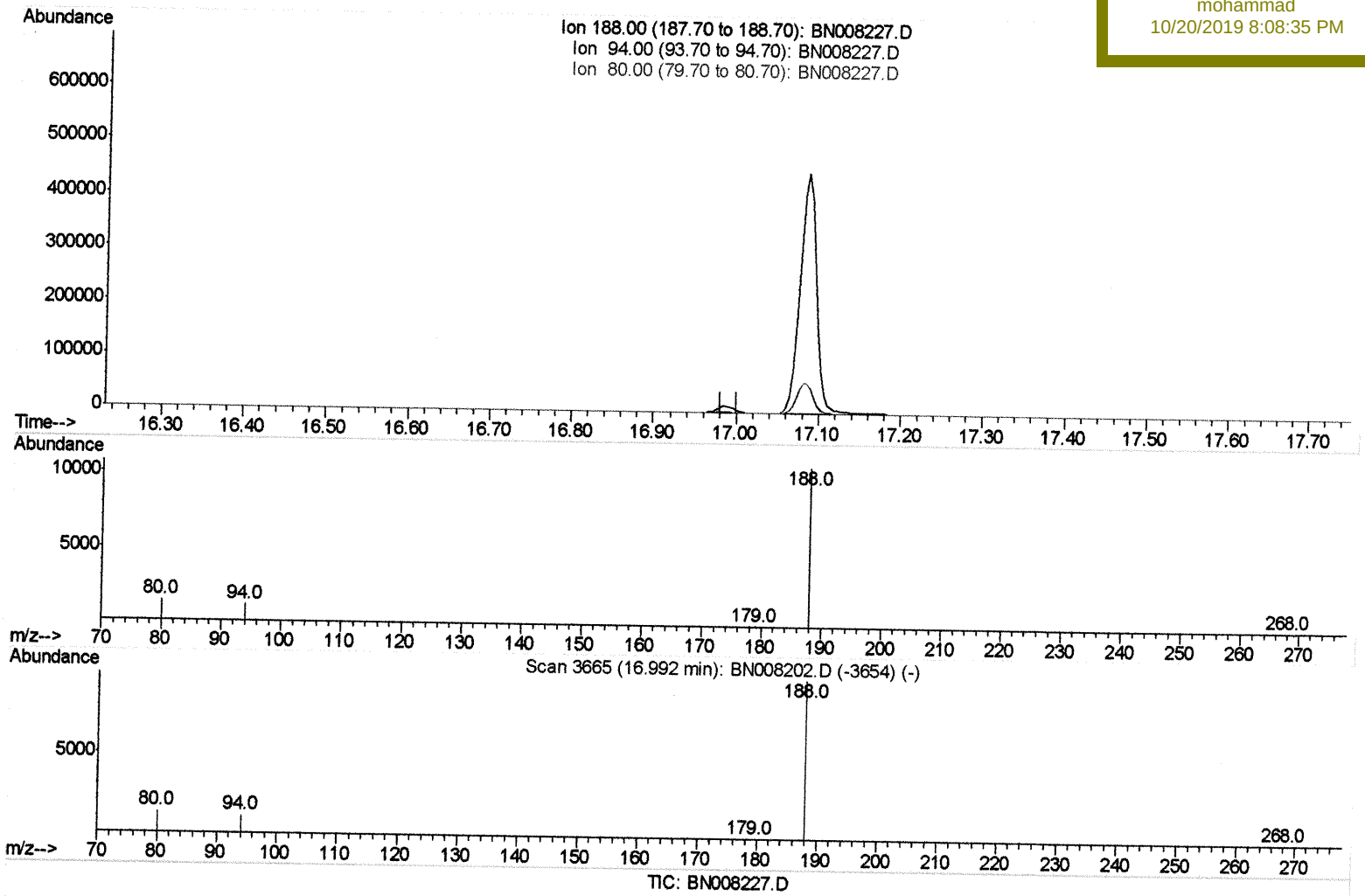

TIC: BN008227.D

(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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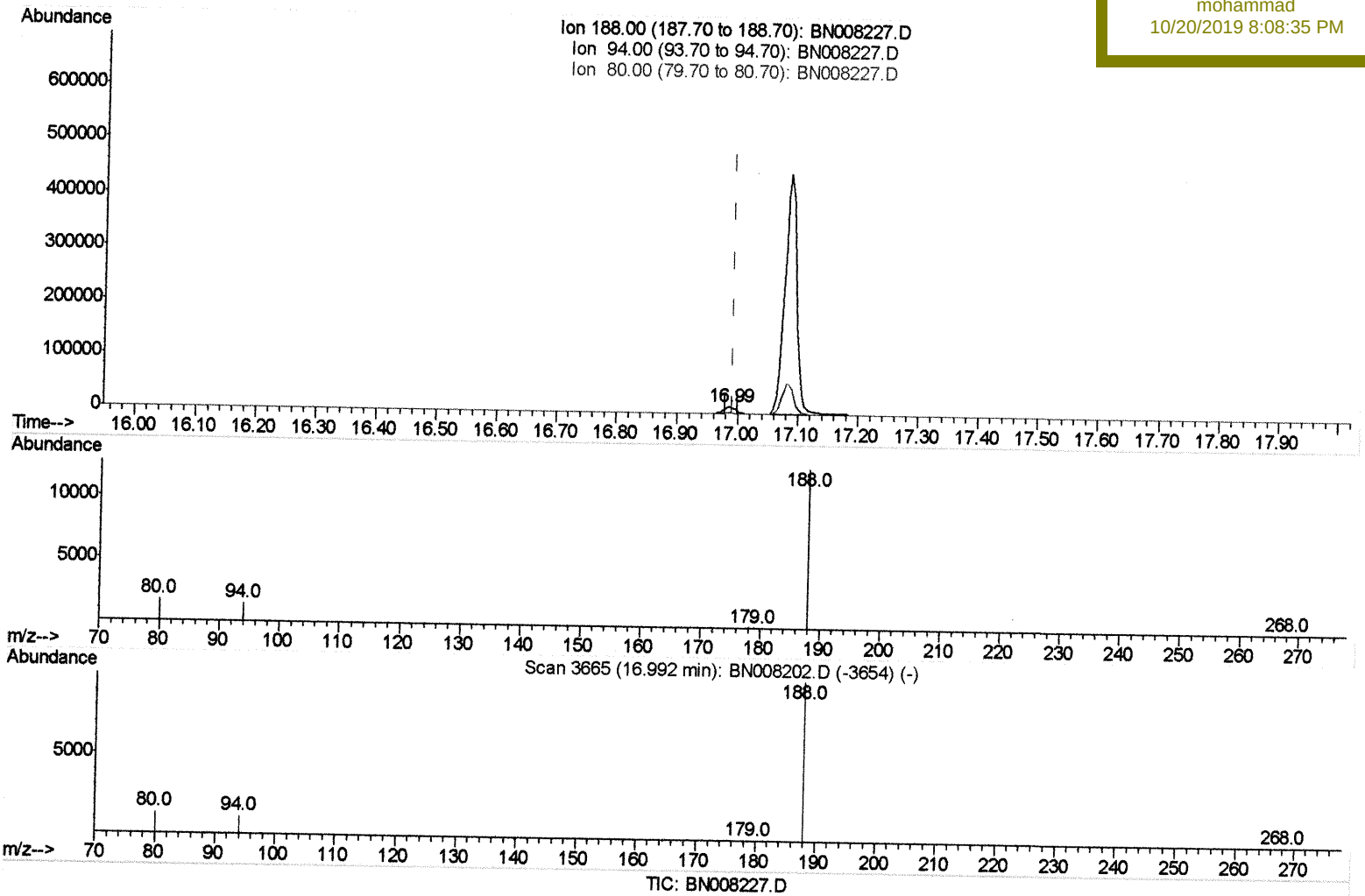
mohammad
10/20/2019 8:08:35 PM



(10) Phenanthrene-d10 (I)

16.988min (-0.004) 0.40ng/ul m

JU 10/21/19

response 17909

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.51
80.00	12.60	13.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008227.D
Acq On : 17 Oct 2019 18:46
Operator : JU
Sample : K5177-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 18 02:57:41 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 :
BEP98

Manual Integrations APPROVED
mohammad
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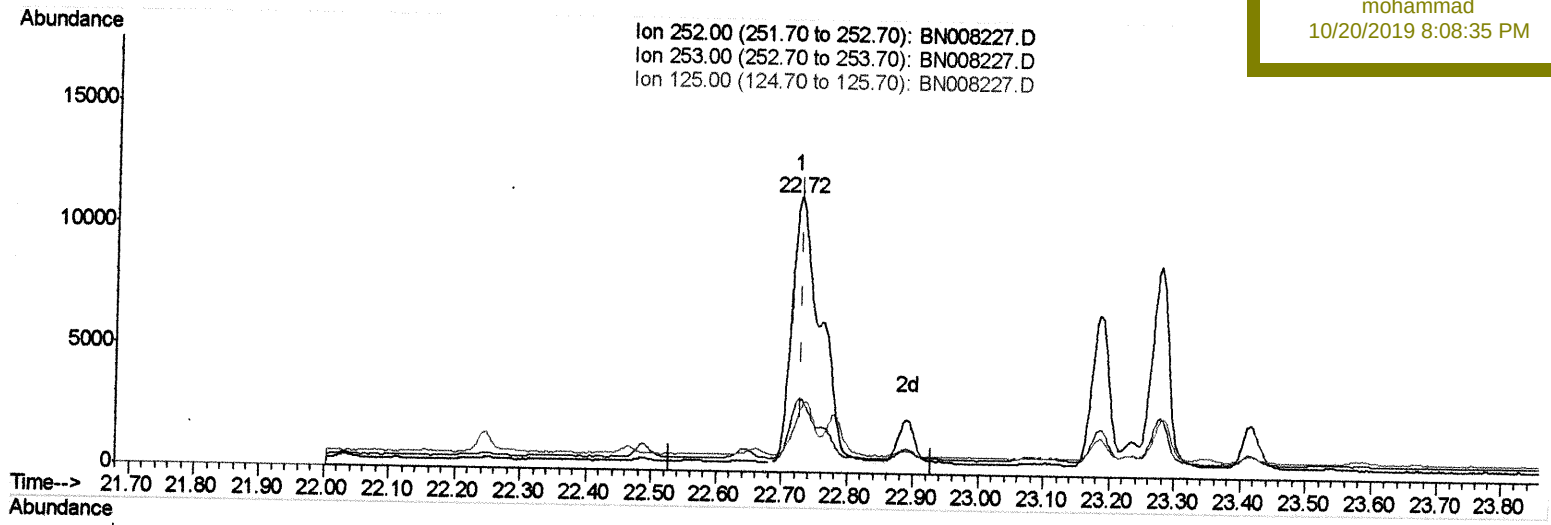

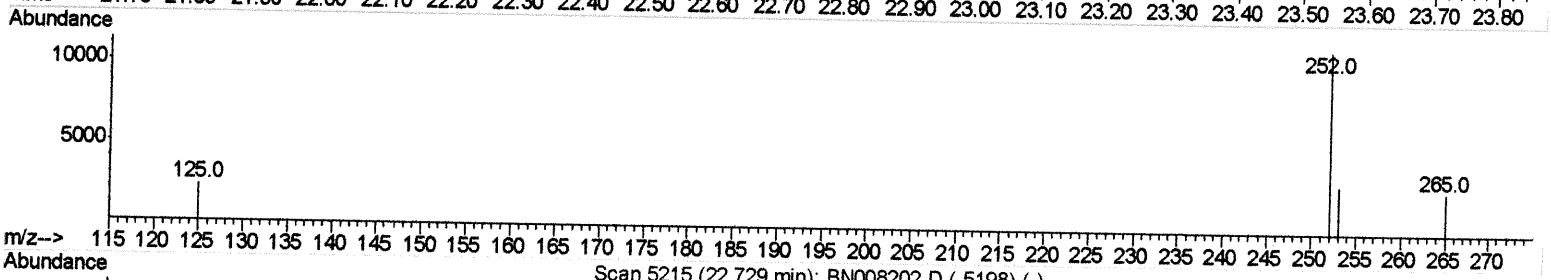

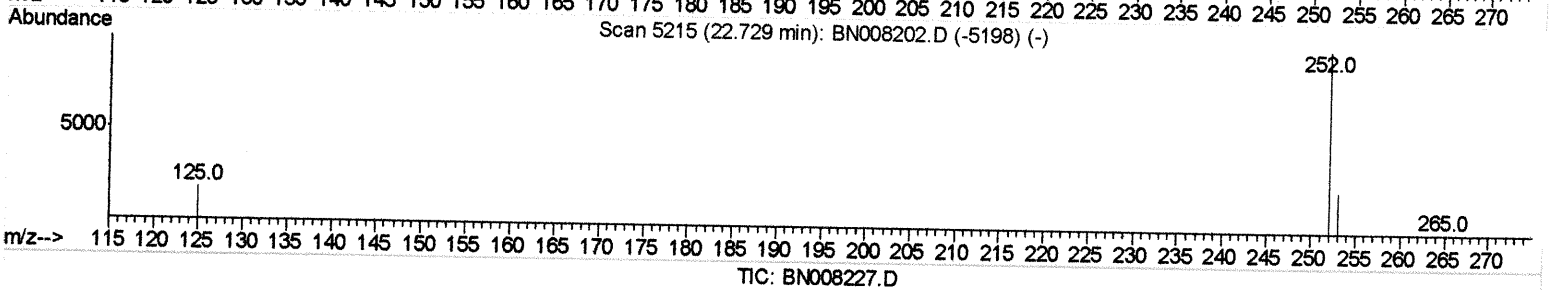

TIC: BN008227.D

(21) Benzo(b)fluoranthene

22.723min (-0.006) 0.82ng/ul

response 33141

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.66
125.00	16.20	20.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_N
ClientSampleId :
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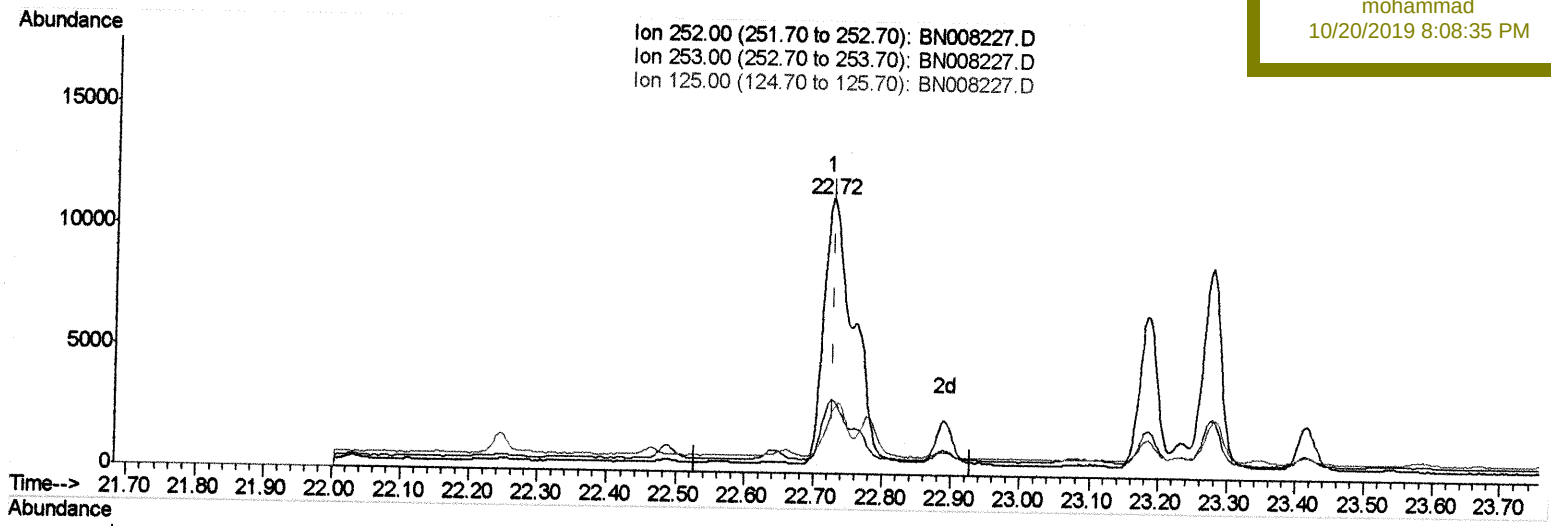
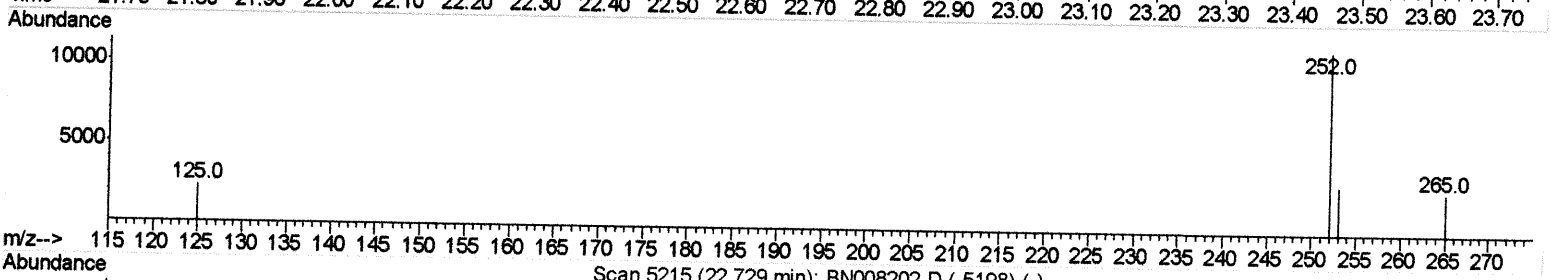
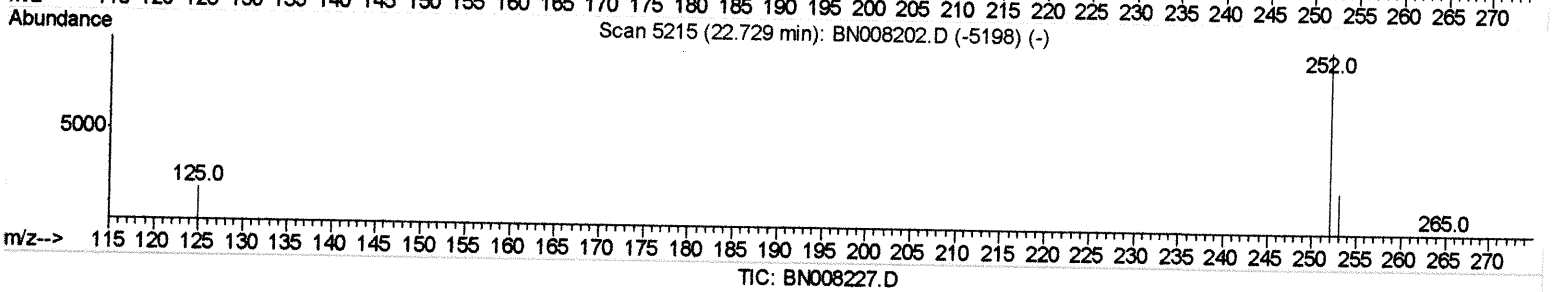
Manual Integrations APPROVED
mohammad
10/20/2019 8:08:35 PM







TIC: BN008227.D

(21) Benzo(b)fluoranthene

22.723min (-0.006) 0.60ng/ul m

response 24142

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.66
125.00	16.20	20.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
BEP98

Manual Integrations APPROVED
mohammad
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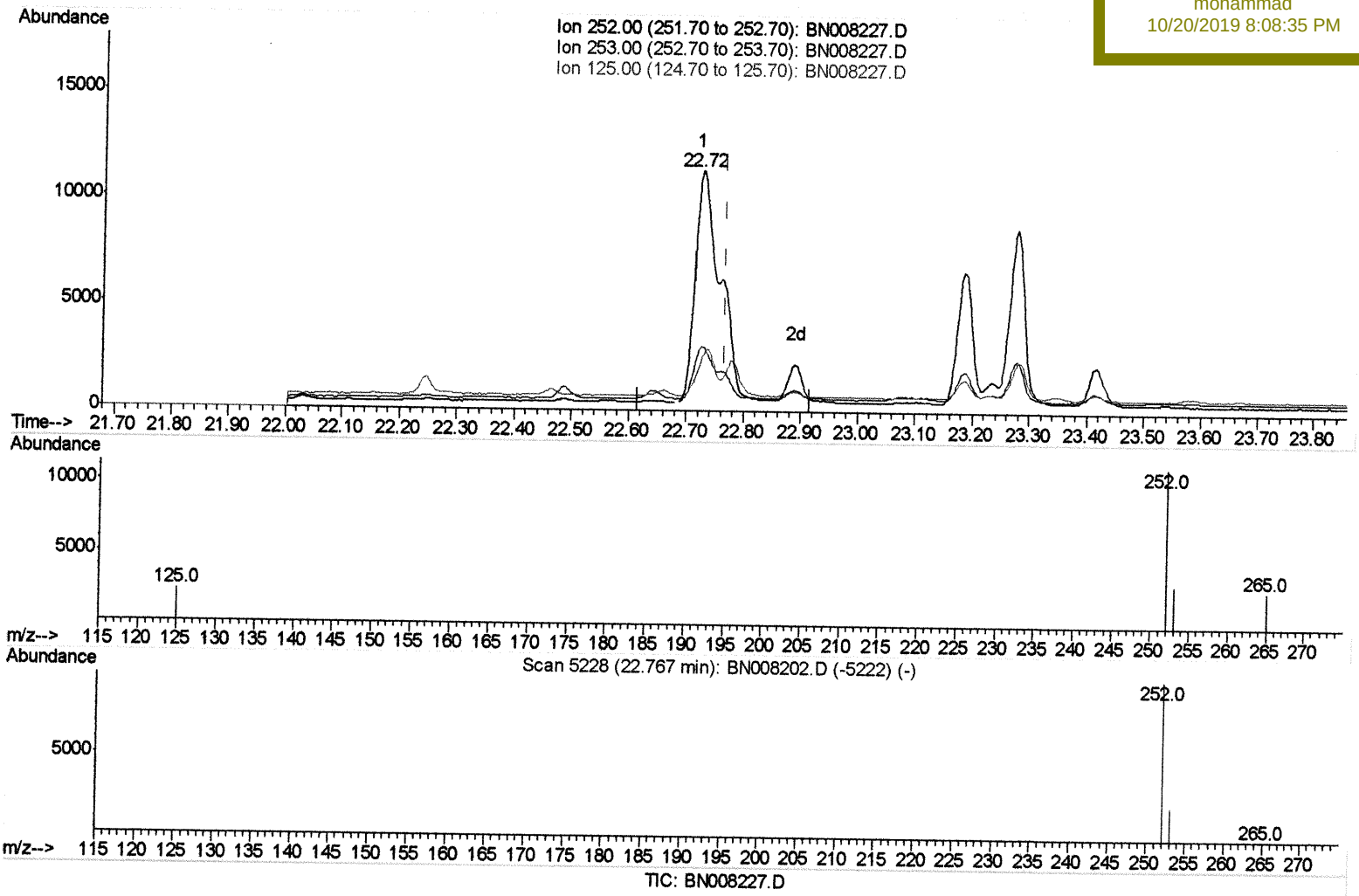

TIC: BN008227.D

(22) Benzo(k)fluoranthene

22.723min (-0.044) 0.72ng/ul

response 33141

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.66
125.00	15.40	20.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : K5177-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_N
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Manual Integrations APPROVED
mohammad
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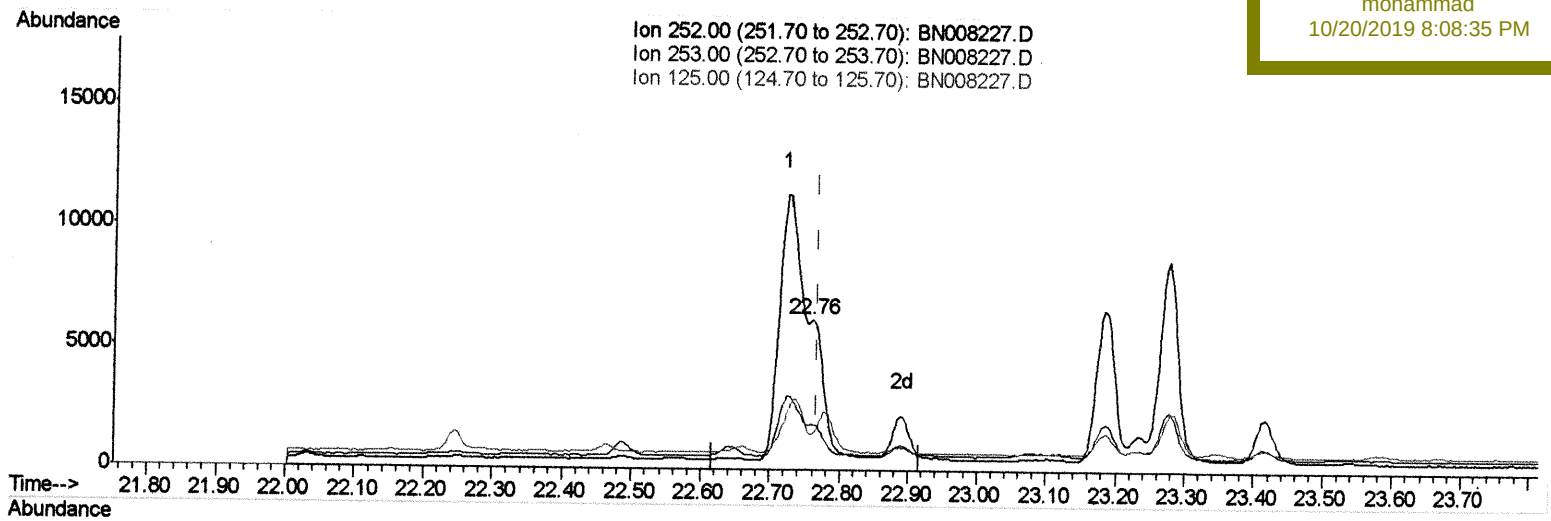

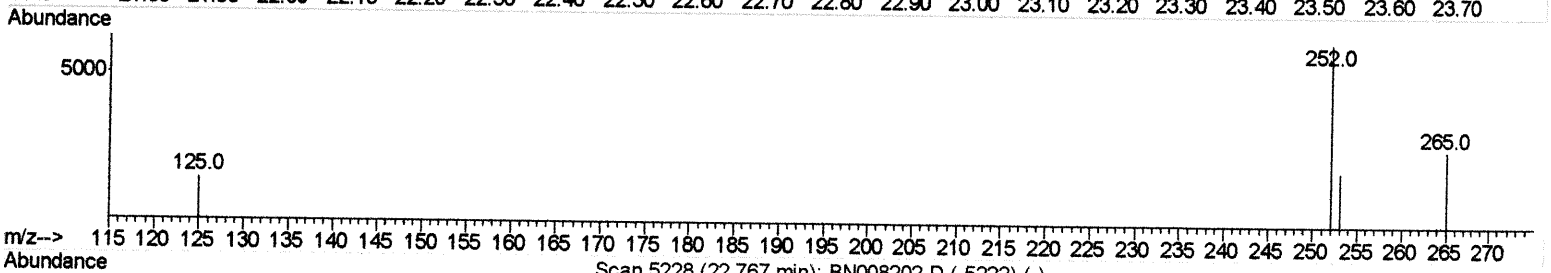

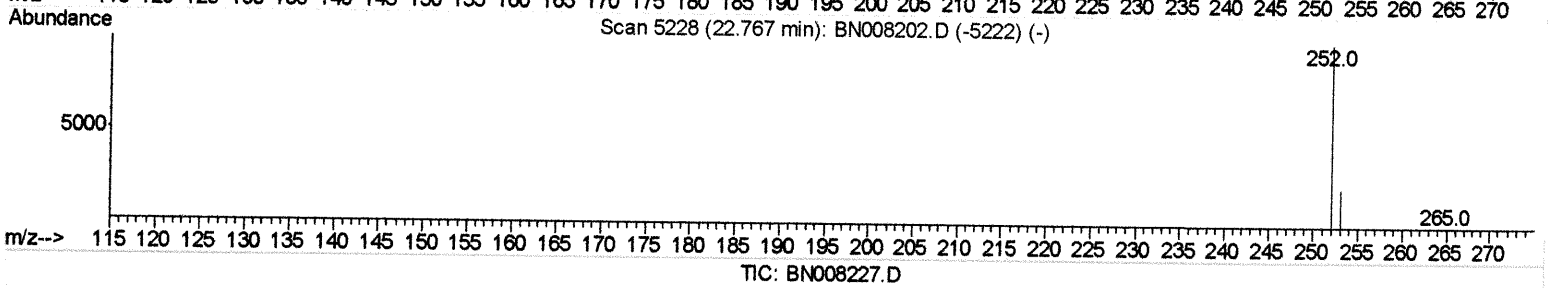

(22) Benzo(k)fluoranthene

22.758min (-0.009) 0.18ng/ul m

response 8058

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.34
125.00	15.40	23.85#
0.00	0.00	0.00

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ALS Vial : 15 Sample Multiplier: 1

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2571	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12462	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8014	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	17909m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16222	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12450	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2869	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	8950	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	784	0.022	ng/ul#	74
7) Acenaphthylene	13.95	152	1861	0.049	ng/ul#	65
12) Phenanthrene	17.03	178	12328	0.235	ng/ul	99
13) Anthracene	17.12	178	2534	0.055	ng/ul#	92
15) Fluoranthene	19.05	202	37086	0.536	ng/ul	99
17) Pyrene	19.41	202	35915	0.556	ng/ul	96
18) Benzo(a)anthracene	21.17	228	17759	0.301	ng/ul	96
19) Chrysene	21.23	228	22350	0.309	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	24142m	0.596	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	8058m	0.176	ng/ul	
23) Benzo(a)pyrene	23.28	252	15041	0.353	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.54	276	10224	0.204	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	2253	0.057	ng/ul#	62
26) Benzo(g,h,i)perylene	26.19	276	9715	0.211	ng/ul	96

JU 10/21/19

JU 10/21/19

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