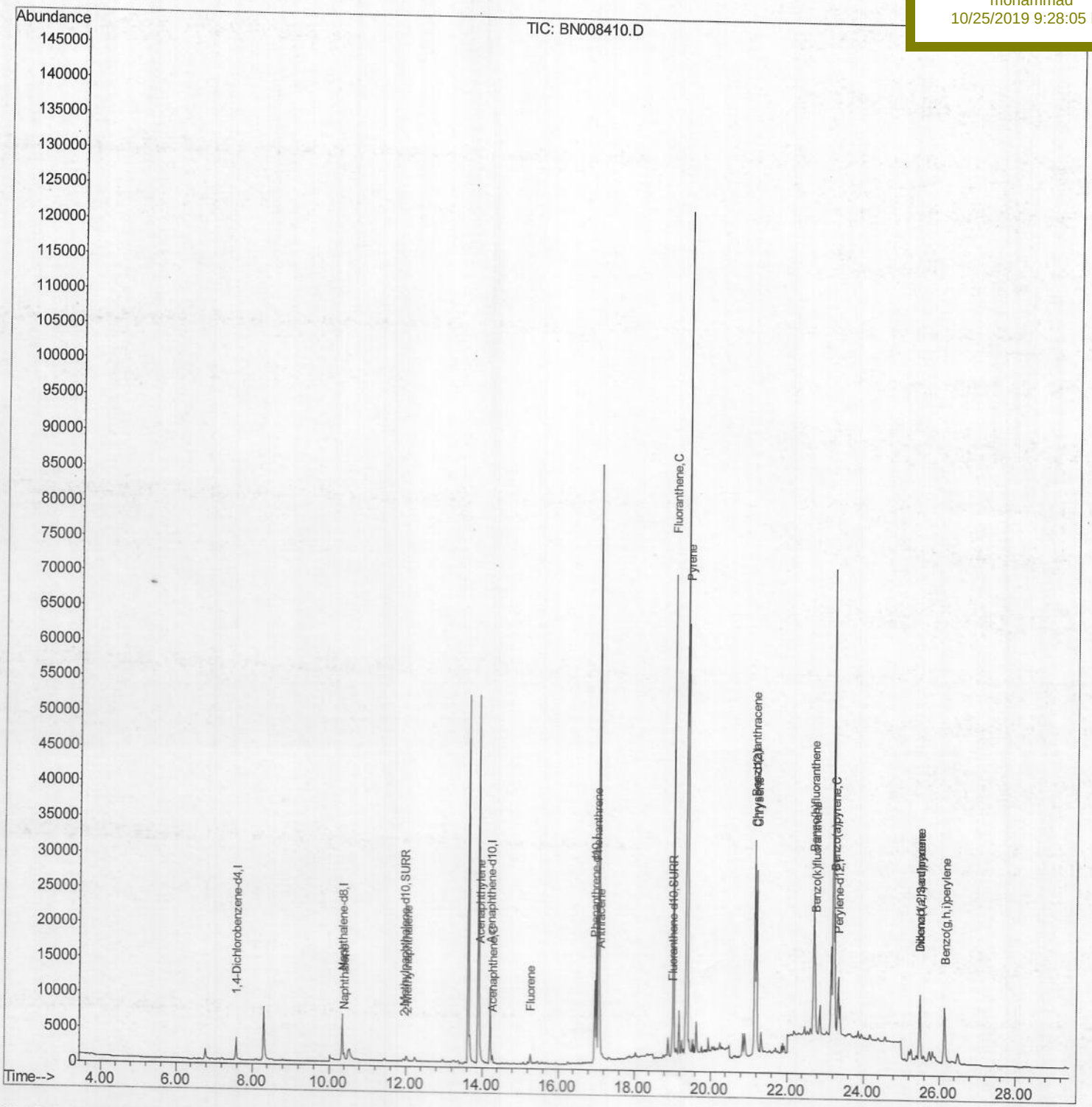
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008410.D
Acq On : 25 Oct 2019 04:33
Operator : JU
Sample : K5236-05DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 25 11:51:37 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 : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPL5DL

Manual Integrations APPROVED
mohammad
10/25/2019 9:28:05 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008410.D
Acq On : 25 Oct 2019 04:33
Operator : JU
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Misc :
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Quant Time: Oct 25 11:50:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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Manual Integrations APPROVED
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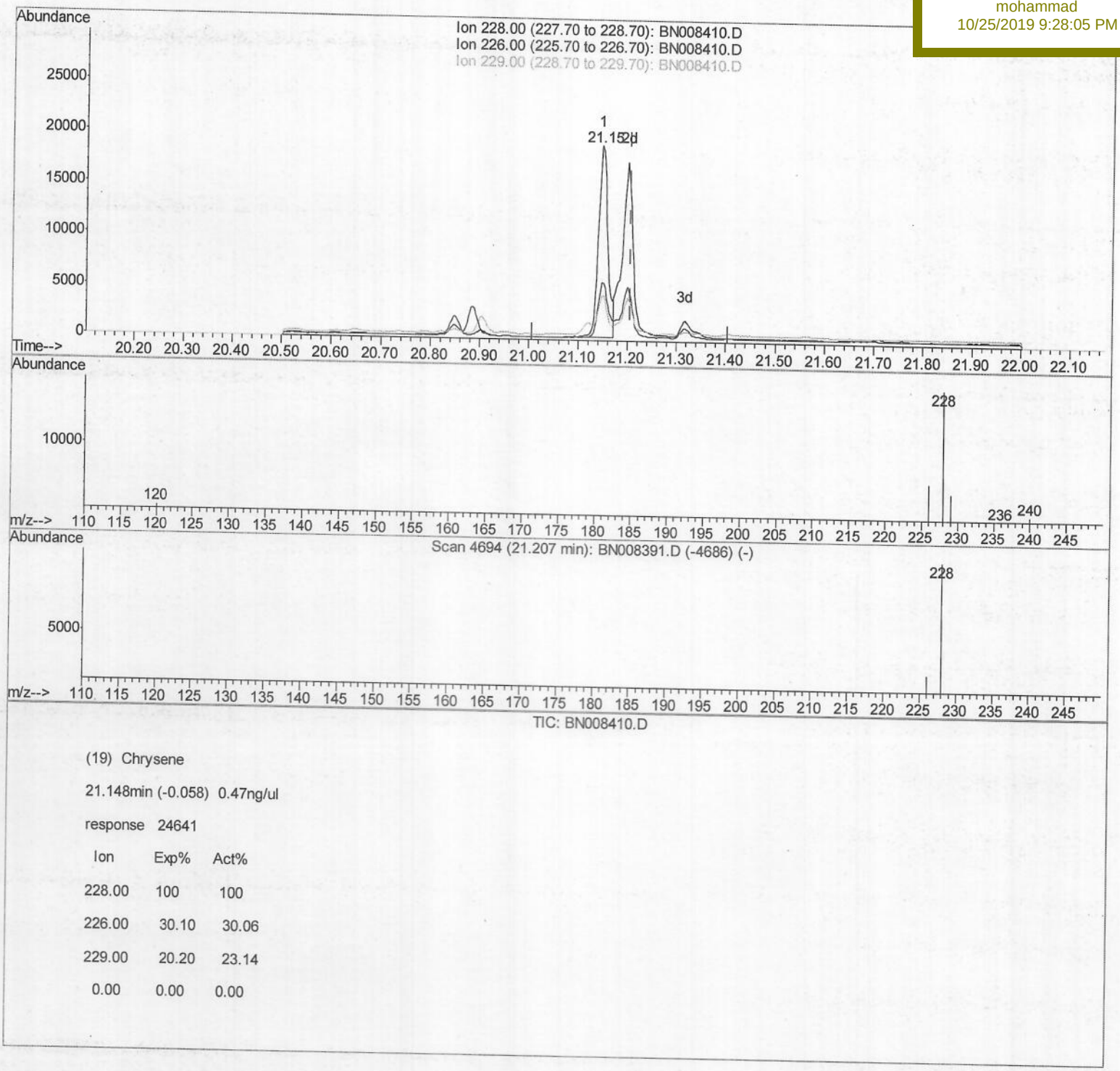

TIC: BN008410.D

(19) Chrysene

21.148min (-0.058) 0.47ng/ul

response 24641

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	30.06
229.00	20.20	23.14
0.00	0.00	0.00

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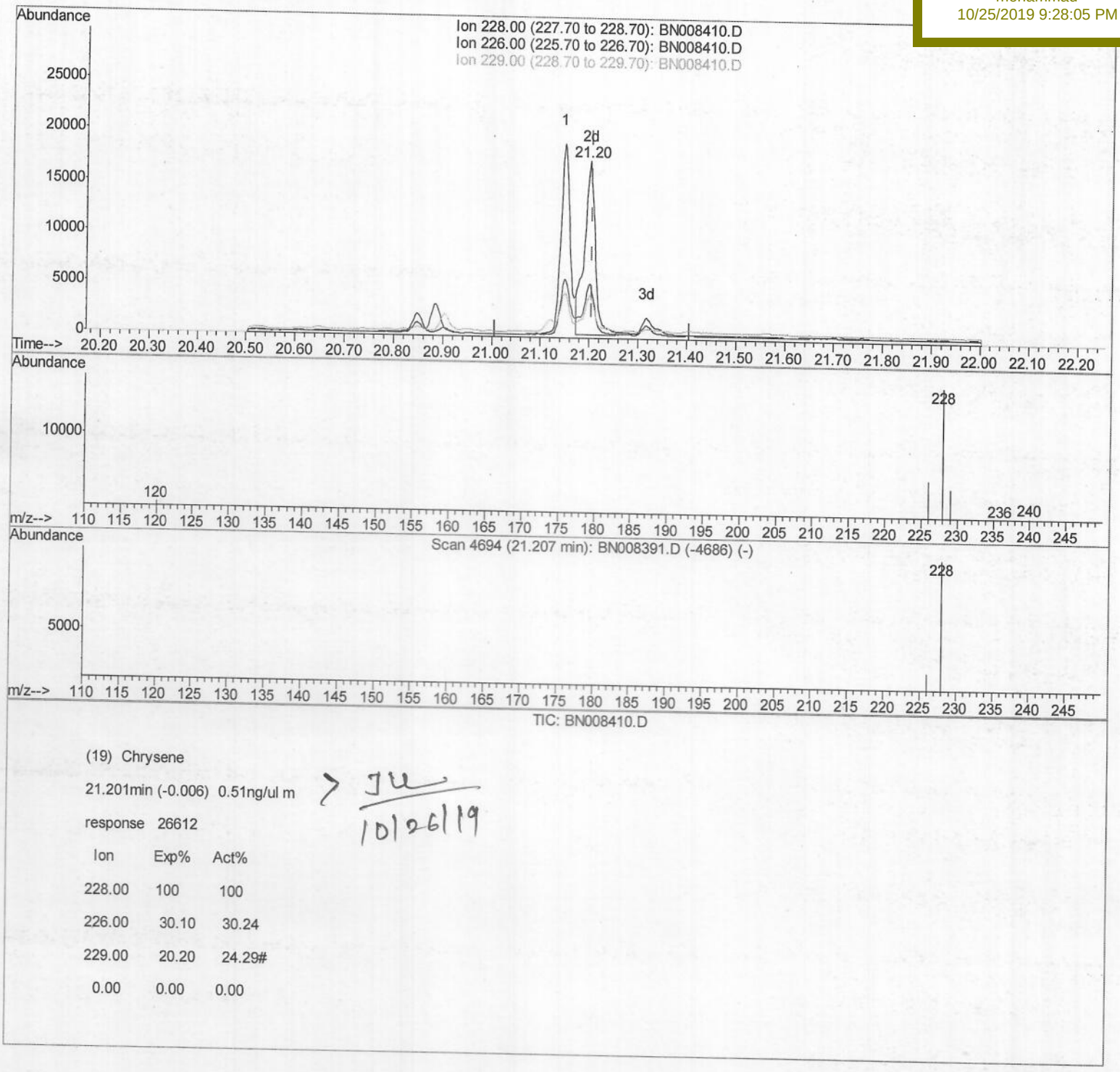
Manual Integrations APPROVED
mohammad
10/25/2019 9:28:05 PM



(19) Chrysene

21.201min (-0.006) 0.51ng/ul m

response 26612

> JU 10/26/19

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	30.24
229.00	20.20	24.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
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ALS Vial : 32 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
BEPL5DL

Manual Integrations APPROVED
mohammad
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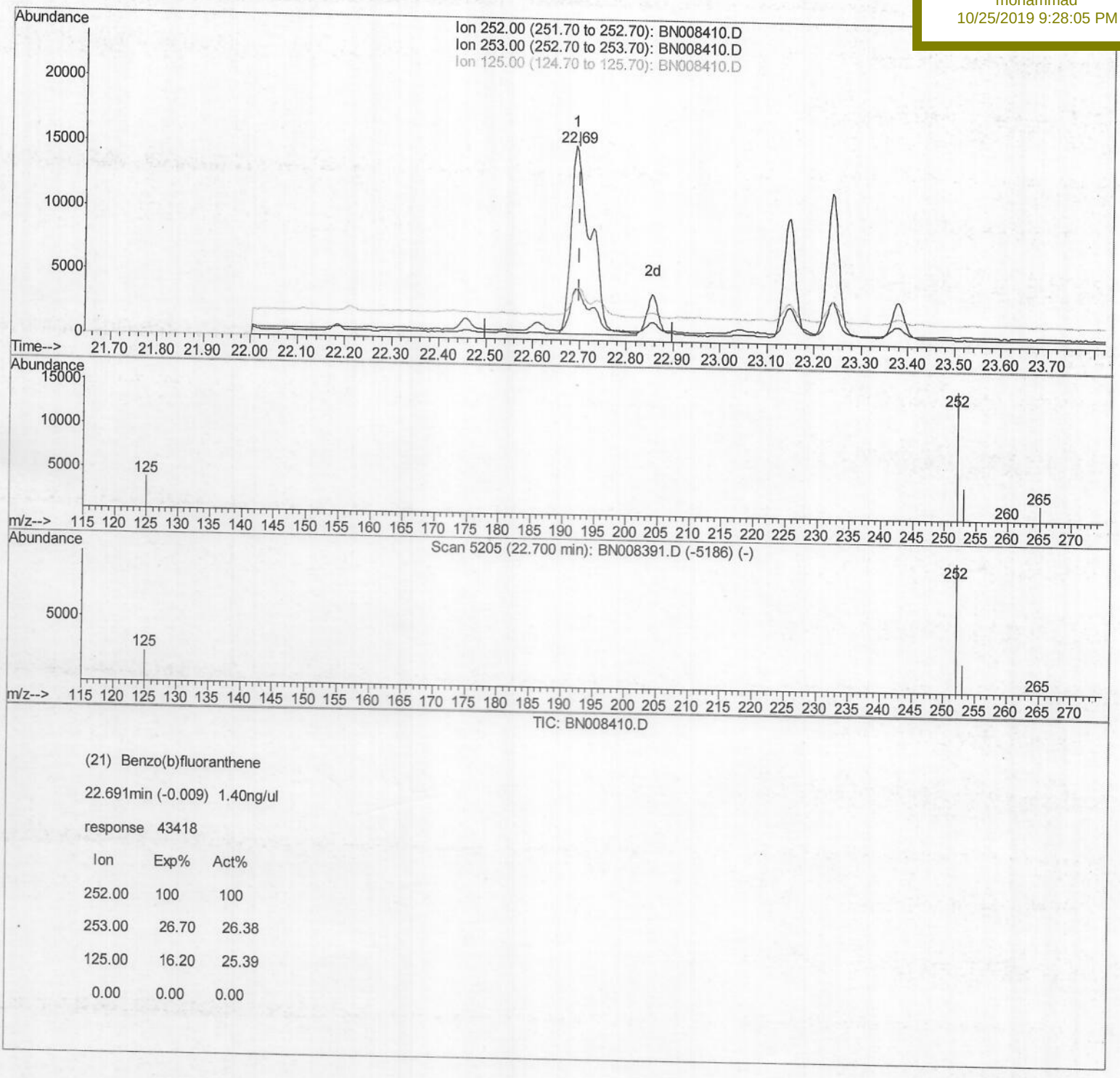

(21) Benzo(b)fluoranthene

22.691min (-0.009) 1.40ng/ul

response 43418

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.38
125.00	16.20	25.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
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ALS Vial : 32 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
BEPL5DL

Manual Integrations APPROVED
mohammad
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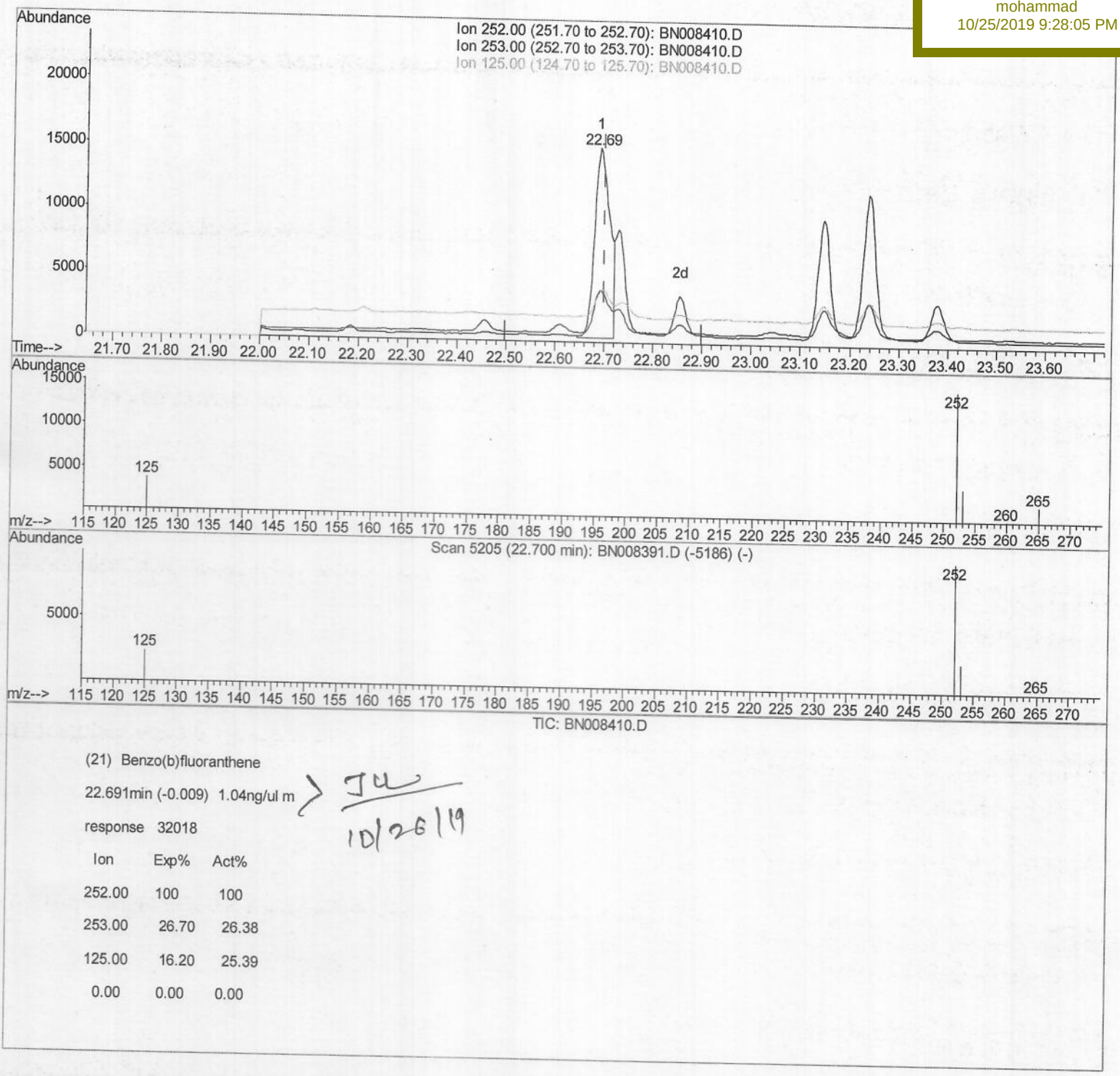

(21) Benzo(b)fluoranthene

22.691min (-0.009) 1.04ng/ul m

response 32018

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.38
125.00	16.20	25.39
0.00	0.00	0.00

JU 10/26/19

Quantitation Report (Qedit)

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Operator : JU
Sample : K5236-05DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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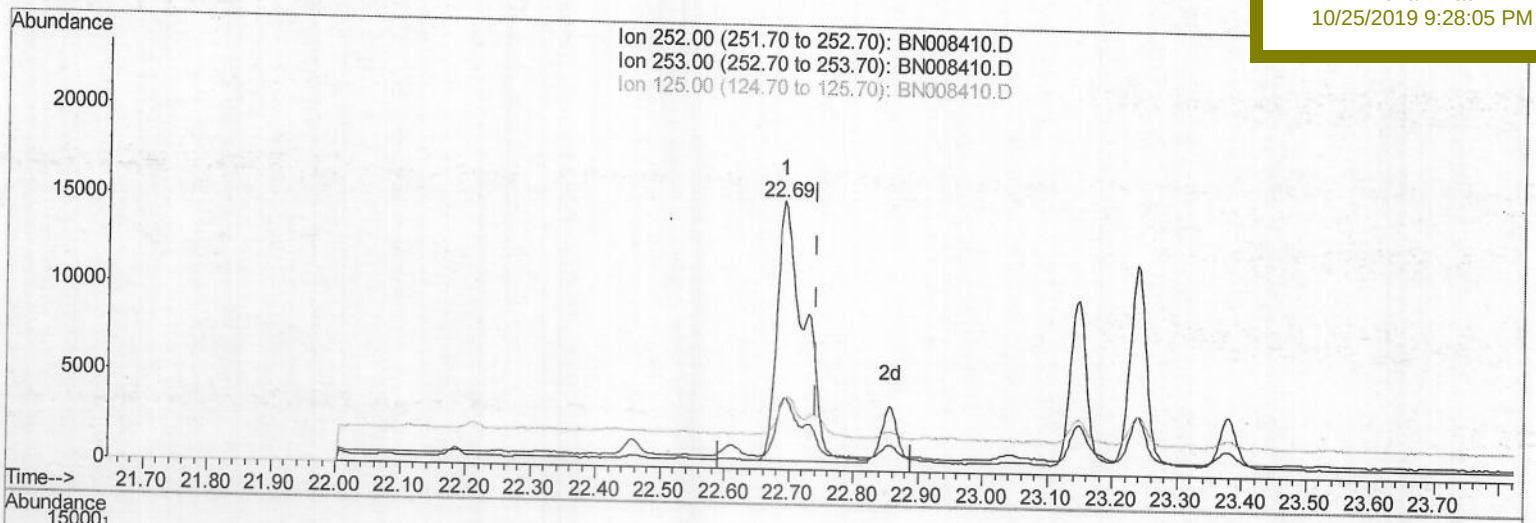

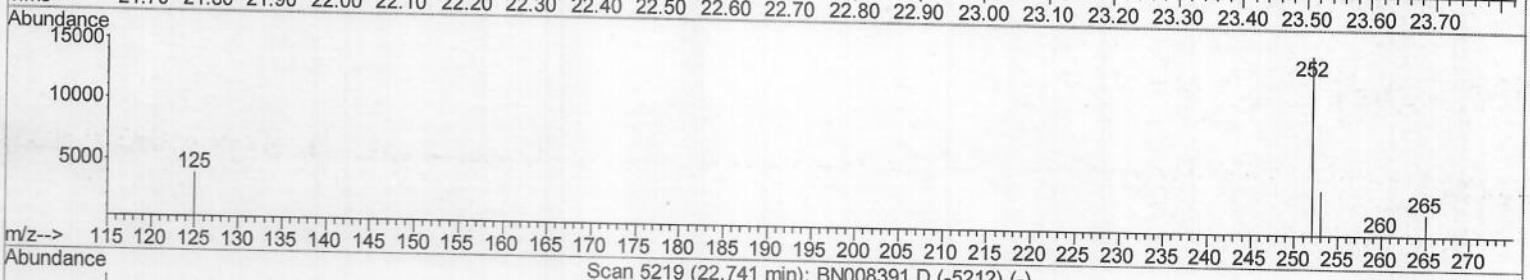

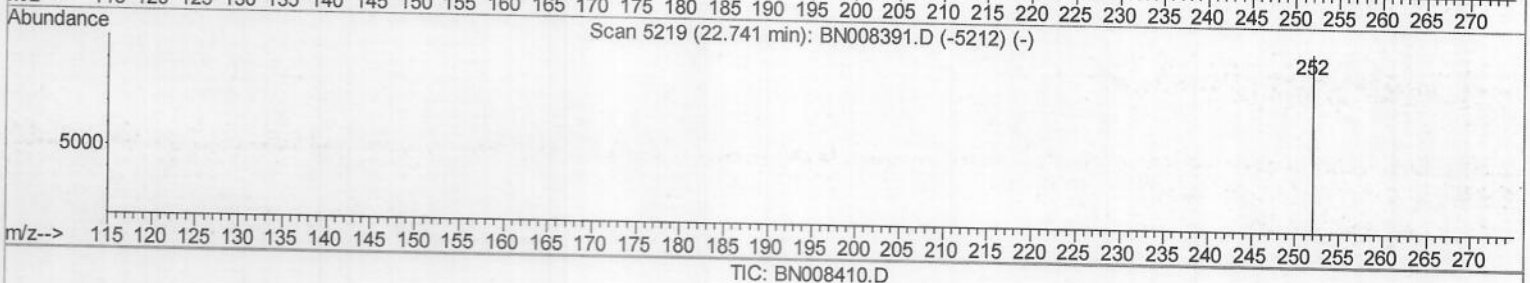

TIC: BN008410.D

(22) Benzo(k)fluoranthene

22.691min (-0.050) 1.24ng/ul

response 43418

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.38
125.00	15.40	25.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008410.D
Acq On : 25 Oct 2019 04:33
Operator : JU
Sample : K5236-05DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 25 11:50:10 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 : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPL5DL

Manual Integrations APPROVED
mohammad
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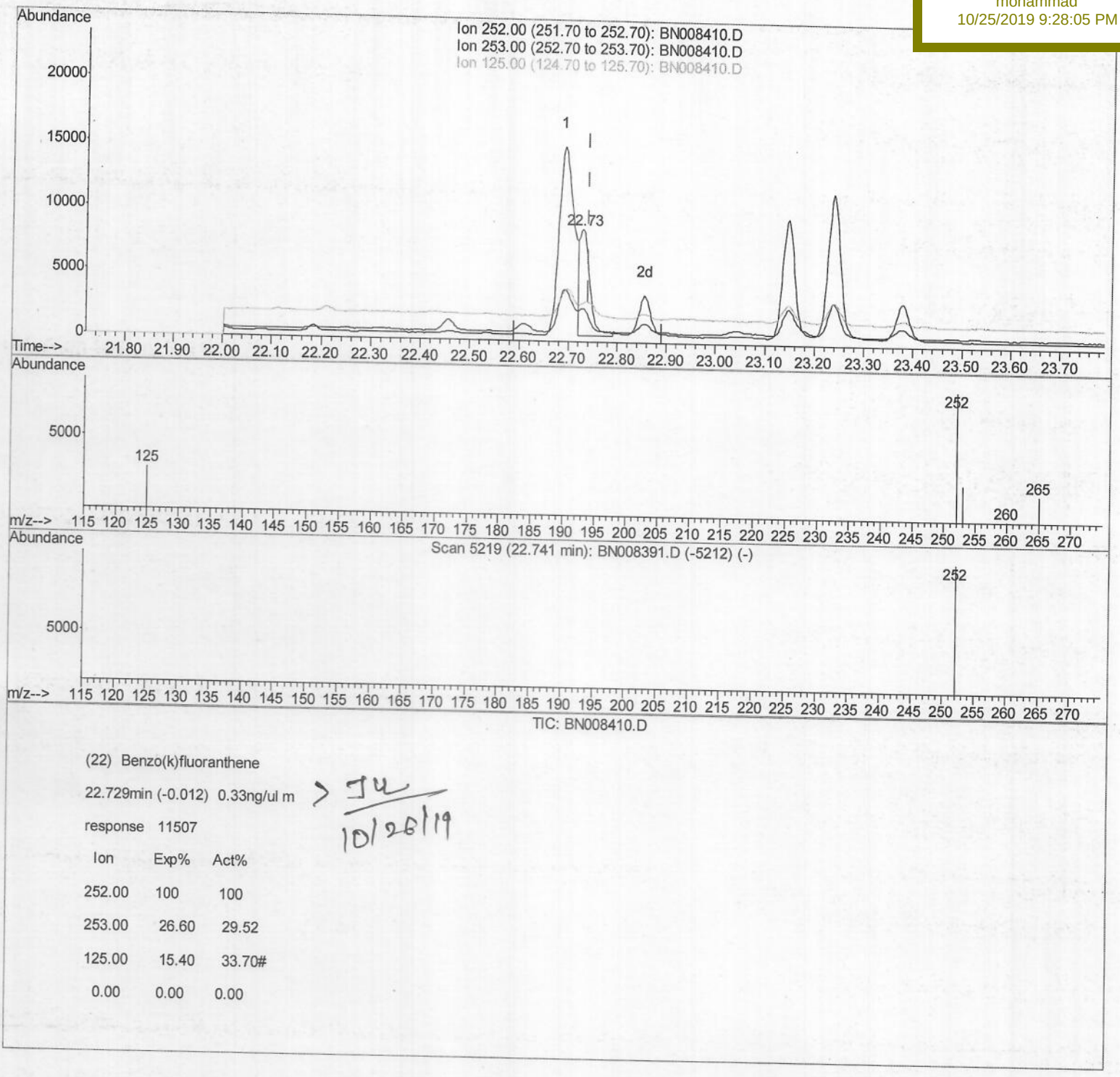

(22) Benzo(k)fluoranthene

22.729min (-0.012) 0.33ng/ul m

response 11507

> JU 10/26/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.52
125.00	15.40	33.70#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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10/25/2019 9:28:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1922	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9618	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6395	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13791	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11787	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	9496	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	495	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1604	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	1101	0.040	ng/ul#	83
5) 2-Methylnaphthalene	12.01	142	735	0.039	ng/ul	98
7) Acenaphthylene	13.93	152	4359	0.143	ng/ul	96
8) Acenaphthene	14.27	153	630	0.027	ng/ul#	94
9) Fluorene	15.26	166	1031	0.038	ng/ul#	92
12) Phenanthrene	17.00	178	25613	0.634	ng/ul	100
13) Anthracene	17.09	178	4946	0.139	ng/ul#	94
15) Fluoranthene	19.02	202	60773	1.140	ng/ul	96
17) Pyrene	19.39	202	49876	1.063	ng/ul	100
18) Benzo(a)anthracene	21.15	228	24641	0.575	ng/ul	94
19) Chrysene	21.20	228	26612m	0.506	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	32018m	1.036	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	11507m	0.329	ng/ul	
23) Benzo(a)pyrene	23.24	252	20120	0.619	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	15367	0.401	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.49	278	3326	0.110	ng/ul#	54
26) Benzo(g,h,i)perylene	26.14	276	16036	0.456	ng/ul#	94

JU 10/26/19

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