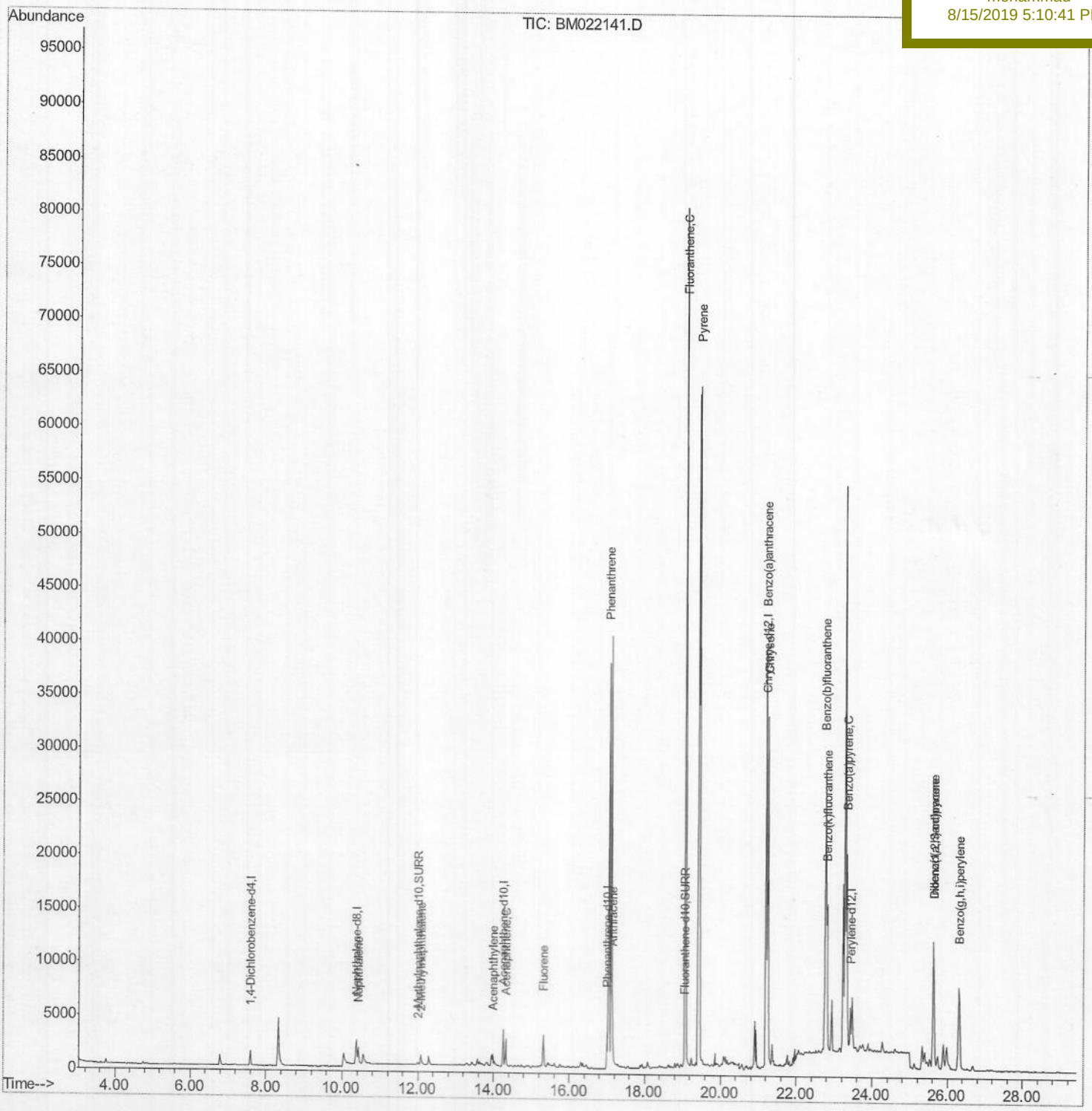
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022141.D
Acq On : 15 Aug 2019 12:31
Operator : HP/JU
Sample : K4304-15DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 15 13:46:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P6DL

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:41 PM



Quantitation Report (Qedit)

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Acq On : 15 Aug 2019 12:31
Operator : HP/JU
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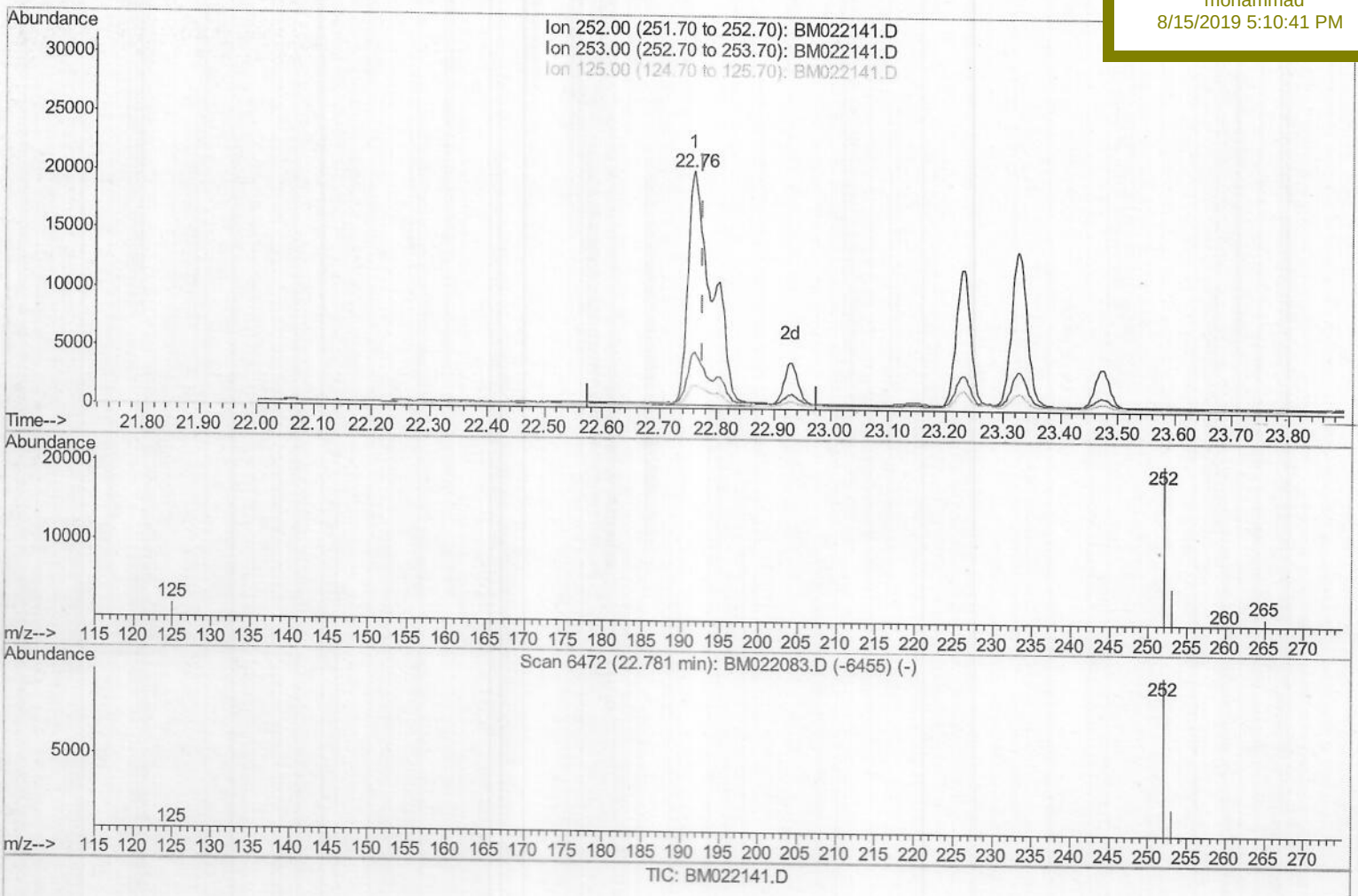

TIC: BM022141.D

(21) Benzo(b)fluoranthene

22.762min (-0.015) 3.92ng/ul

response 58693

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.50
125.00	15.50	9.60
0.00	0.00	0.00

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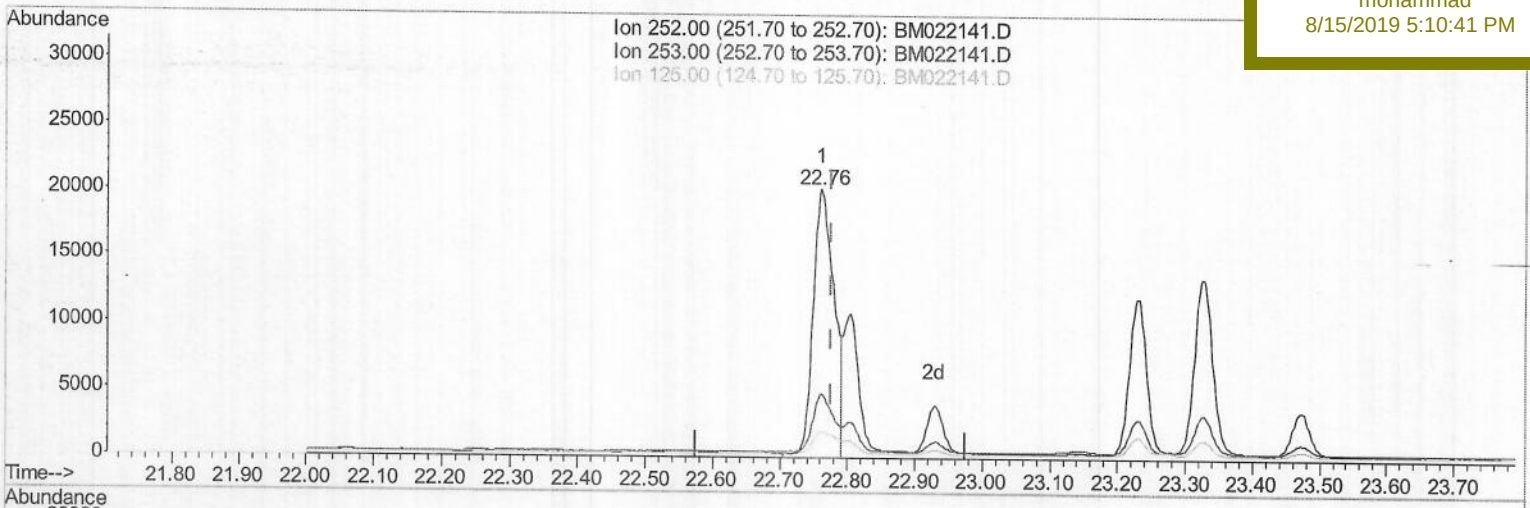
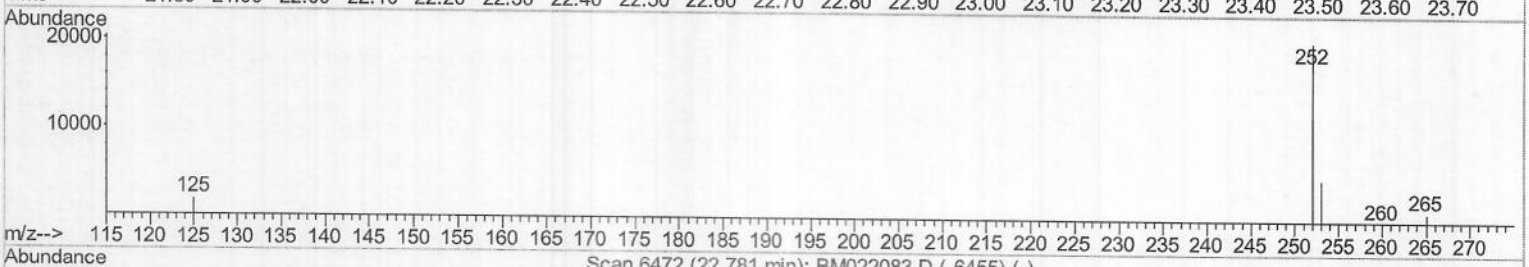
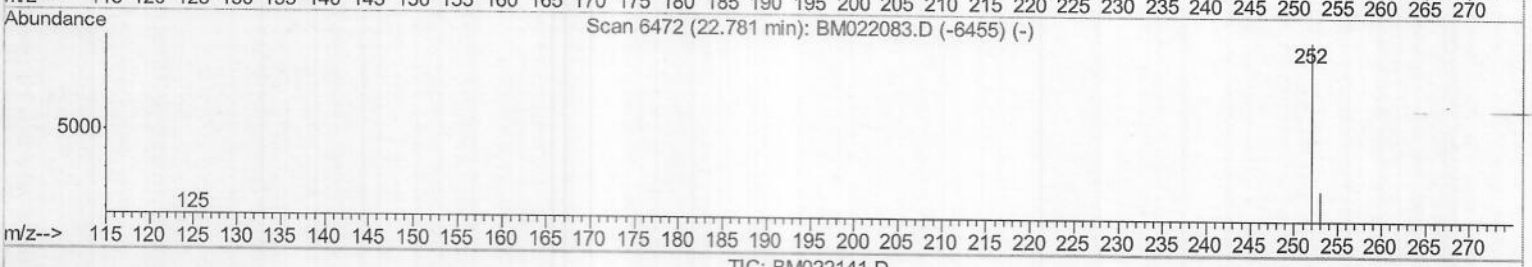
mohammad
8/15/2019 5:10:41 PM







TIC: BM022141.D

(21) Benzo(b)fluoranthene

22.762min (-0.015) 2.91ng/ul m JU 08116119

response 43571

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.50
125.00	15.50	9.60
0.00	0.00	0.00

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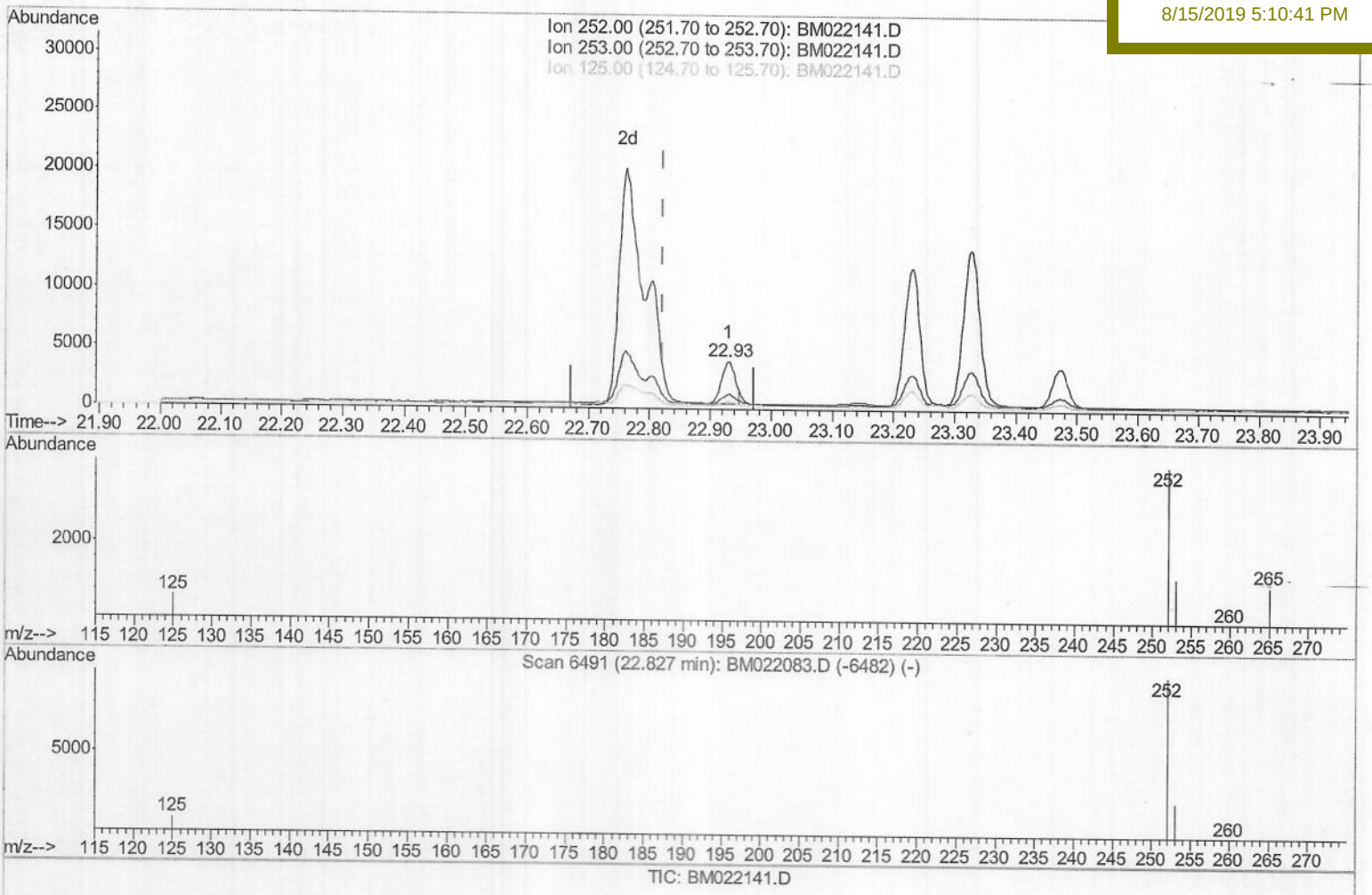
CB5P6DL

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:41 PM



(22) Benzo(k)fluoranthene

22.929min (+0.107) 0.32ng/ul

response 5371

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.76
125.00	15.20	16.33
0.00	0.00	0.00

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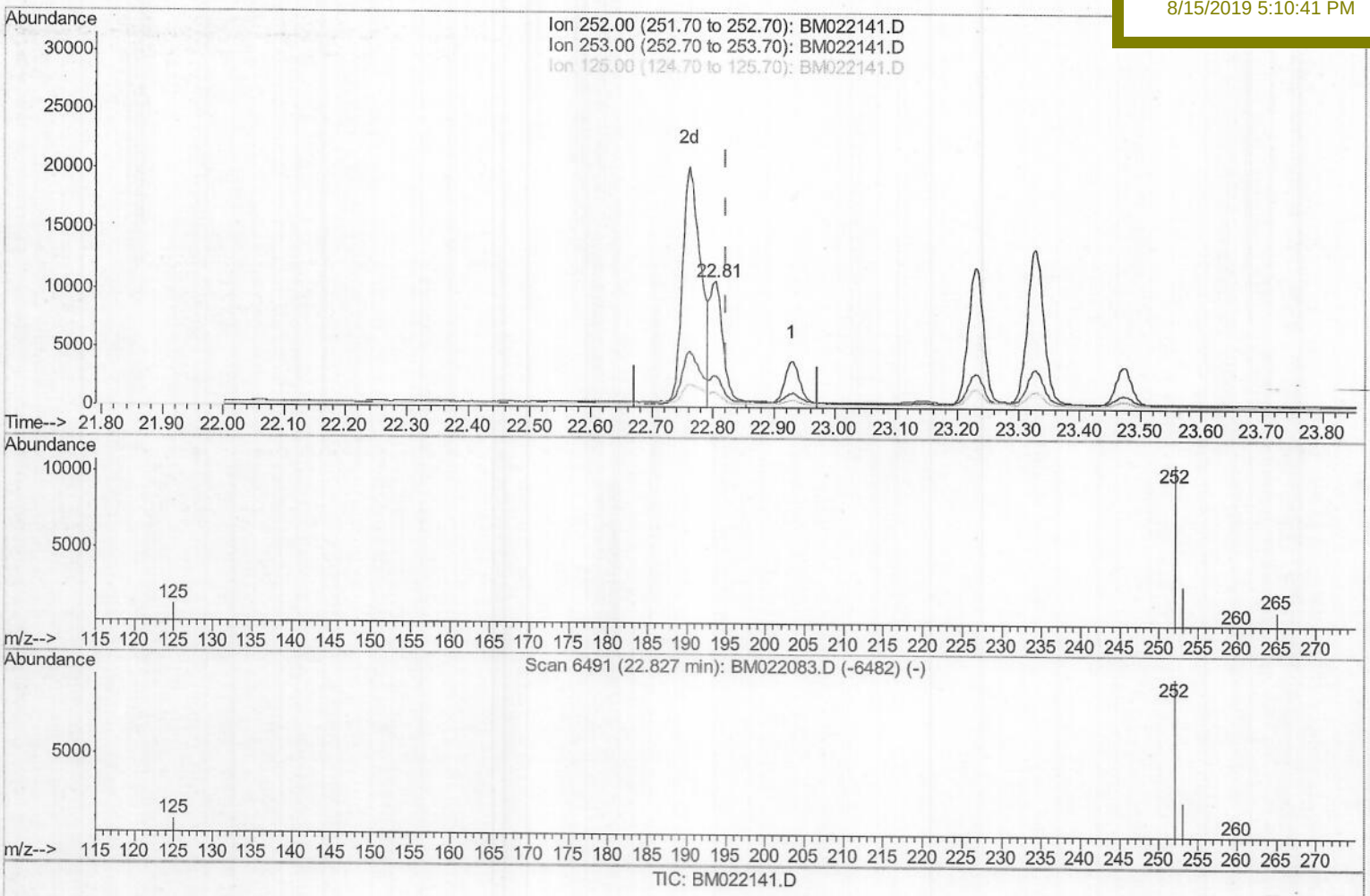
Manual Integrations APPROVED
mohammad
8/15/2019 5:10:41 PM



TIC: BM022141.D

(22) Benzo(k)fluoranthene

22.805min (-0.017) 1.04ng/ul m) JU 08114119

response 17542

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.27#
125.00	15.20	11.60#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
8/15/2019 5:10:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	865	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3587	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.25	164	1936	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4241	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4244	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4436	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	342	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	854	0.06	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	2395	0.236	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	886	0.131	ng/ul	98
7) Acenaphthylene	13.98	152	1238	0.137	ng/ul#	81
8) Acenaphthene	14.32	153	1548	0.210	ng/ul	97
9) Fluorene	15.31	166	2179	0.266	ng/ul	98
12) Phenanthrene	17.05	178	41073	3.328	ng/ul	96
13) Anthracene	17.15	178	7191	0.683	ng/ul	97
15) Fluoranthene	19.08	202	71439	4.322	ng/ul	96
17) Pyrene	19.44	202	57509	3.298	ng/ul	99
18) Benzo(a)anthracene	21.20	228	32252	2.125	ng/ul	99
19) Chrysene	21.25	228	33105	1.696	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	43571m)	2.913	ng/ul	} JU 08/16/19
22) Benzo(k)fluoranthene	22.81	252	17542m)	1.036	ng/ul	
23) Benzo(a)pyrene	23.33	252	25179	1.655	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.63	276	19511	1.074	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	5004	0.341	ng/ul	96
26) Benzo(g,h,i)perylene	26.31	276	16234	0.993	ng/ul	98

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