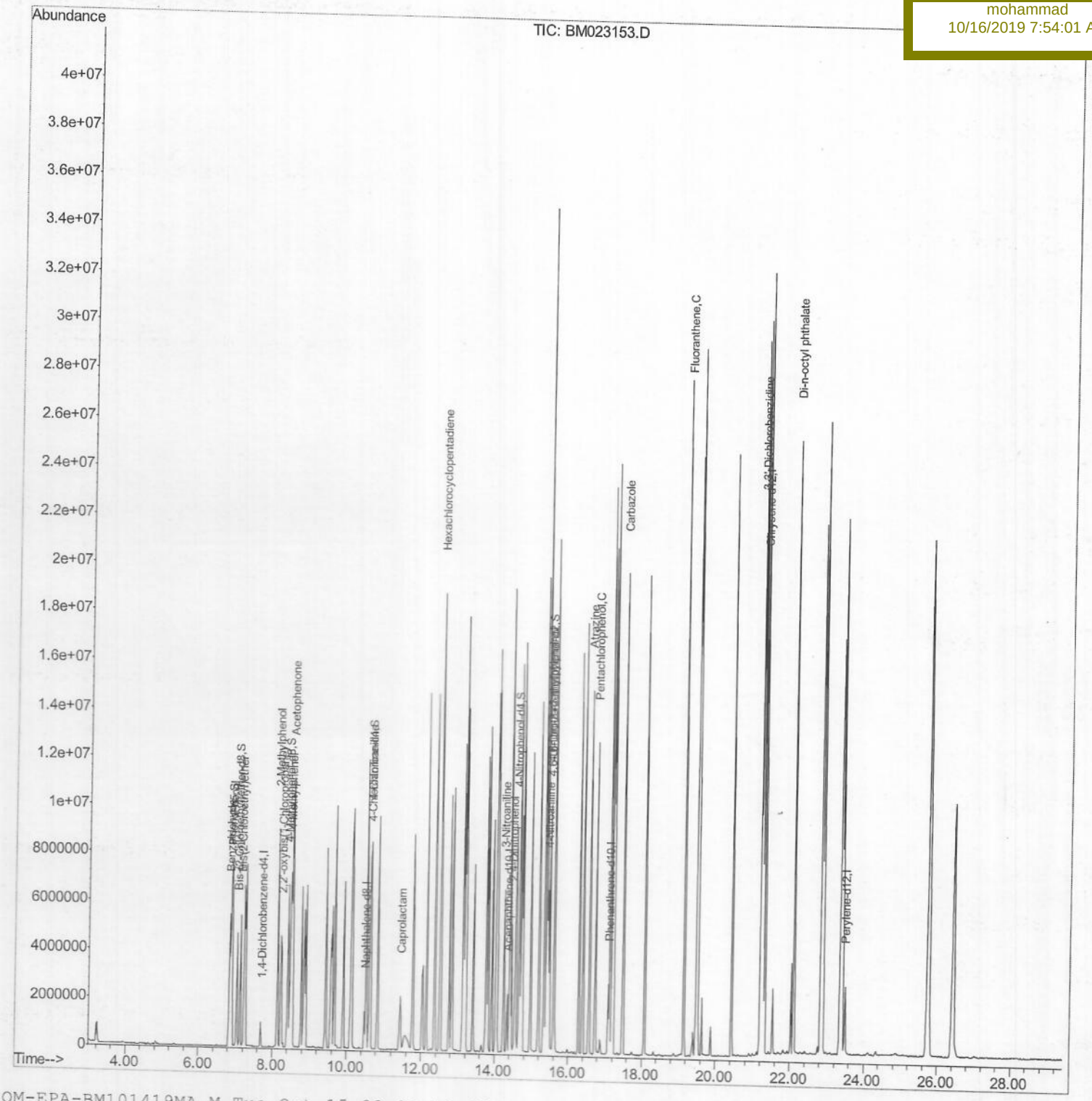
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023153.D
Acq On : 14 Oct 2019 20:04
Operator : JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 15 02:24:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD16006

Manual Integrations APPROVED
mohammad
10/16/2019 7:54:01 AM



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Quant Time: Oct 15 01:51:41 2019
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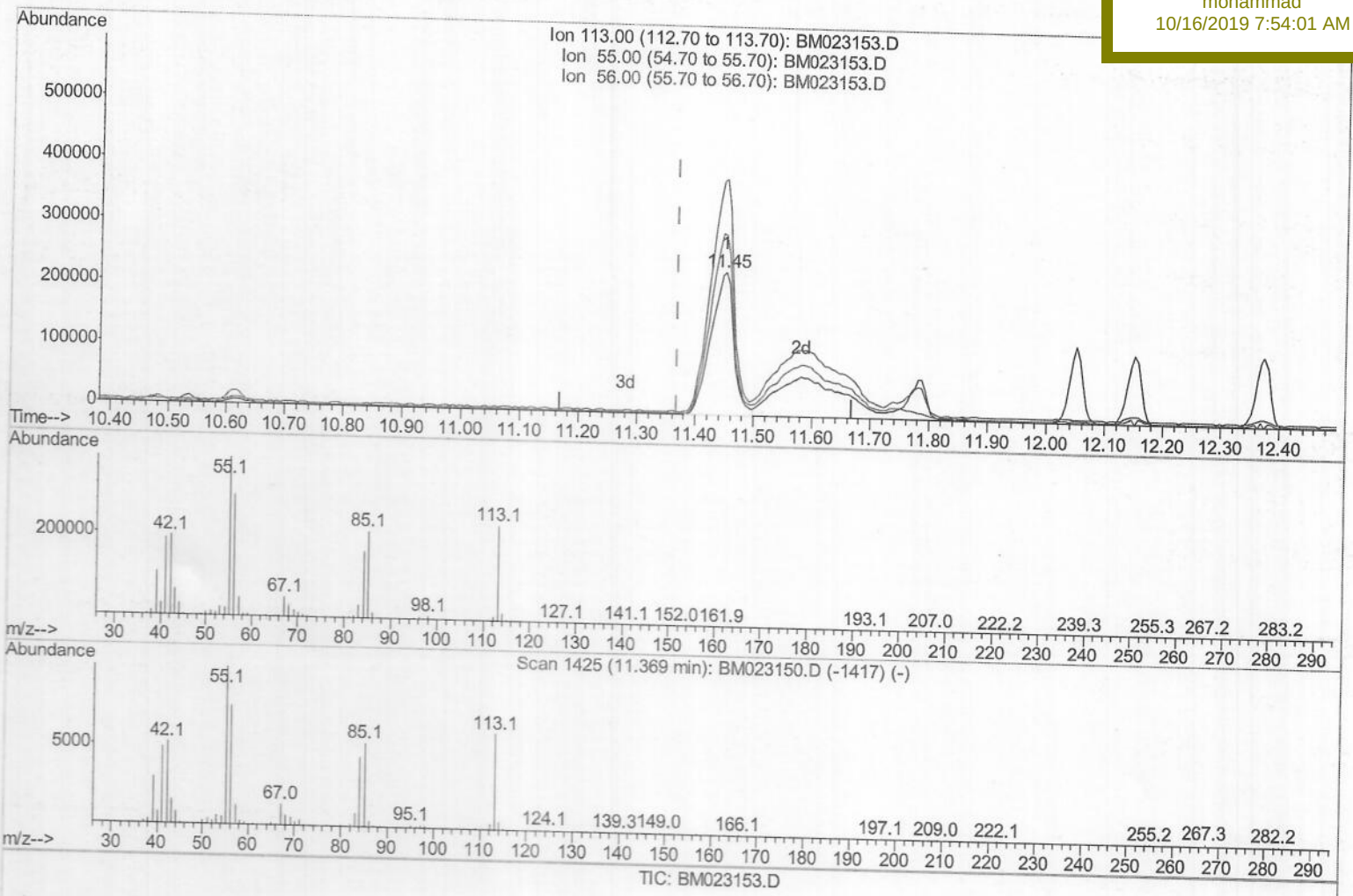

TIC: BM023153.D

(32) Caprolactam

11.451min (+0.083) 94.52ng/ul

response 632699

Ion	Exp%	Act%
113.00	100	100
55.00	181.30	165.03
56.00	128.80	126.35
0.00	0.00	0.00

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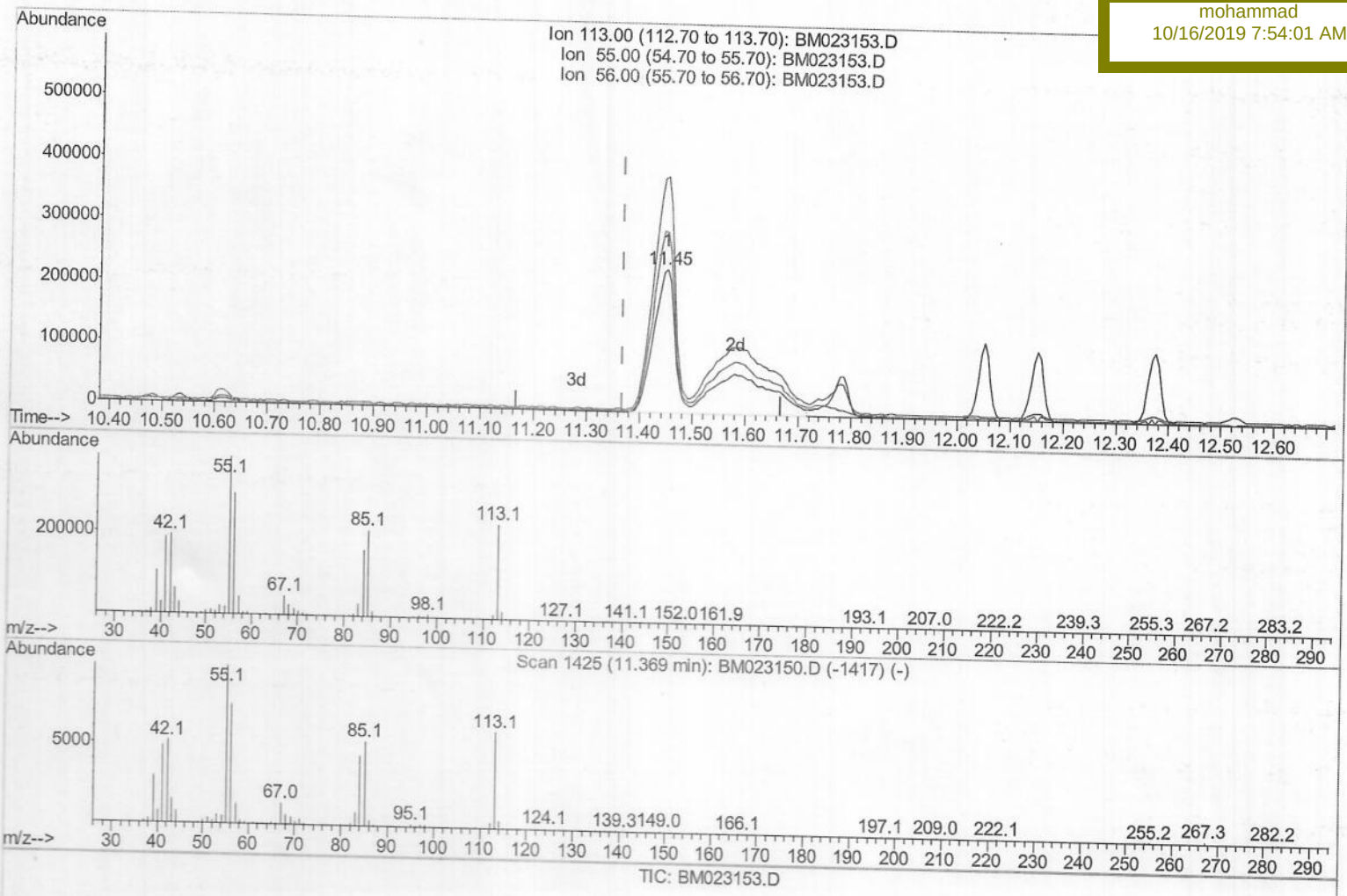

(32) Caprolactam

11.451min (+0.083) 170.44ng/ul m > JU 10/16/19

response 1140889

Ion	Exp%	Act%
113.00	100	100
55.00	181.30	165.03
56.00	128.80	126.35
0.00	0.00	0.00

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mohammad
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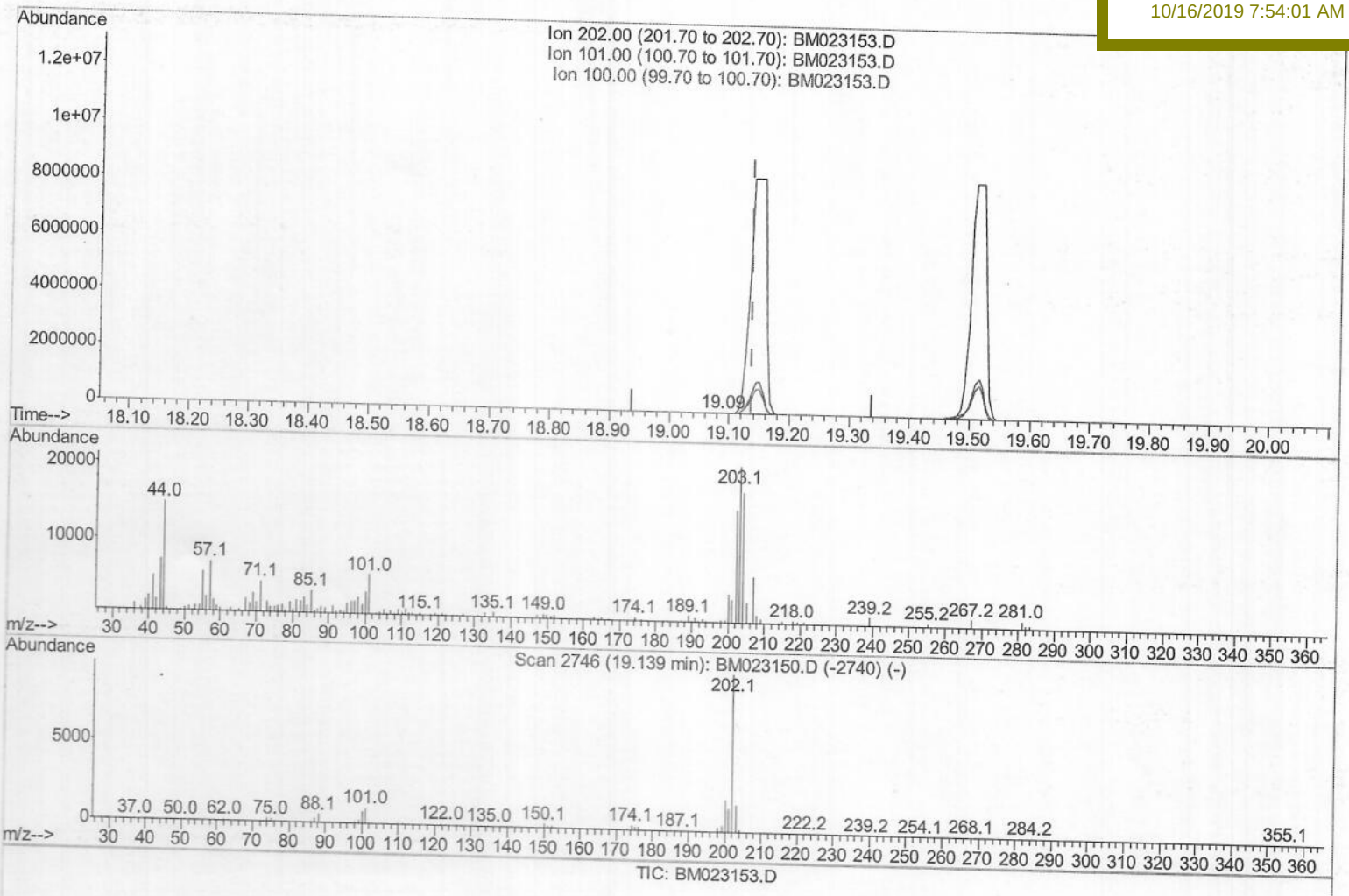

TIC: BM023153.D

(77) Fluoranthene (C)

19.086min (-0.053) 0.18ng/ul

response 21970

Ion	Exp%	Act%
202.00	100	100
101.00	9.80	36.69#
100.00	7.60	21.42#
0.00	0.00	0.00

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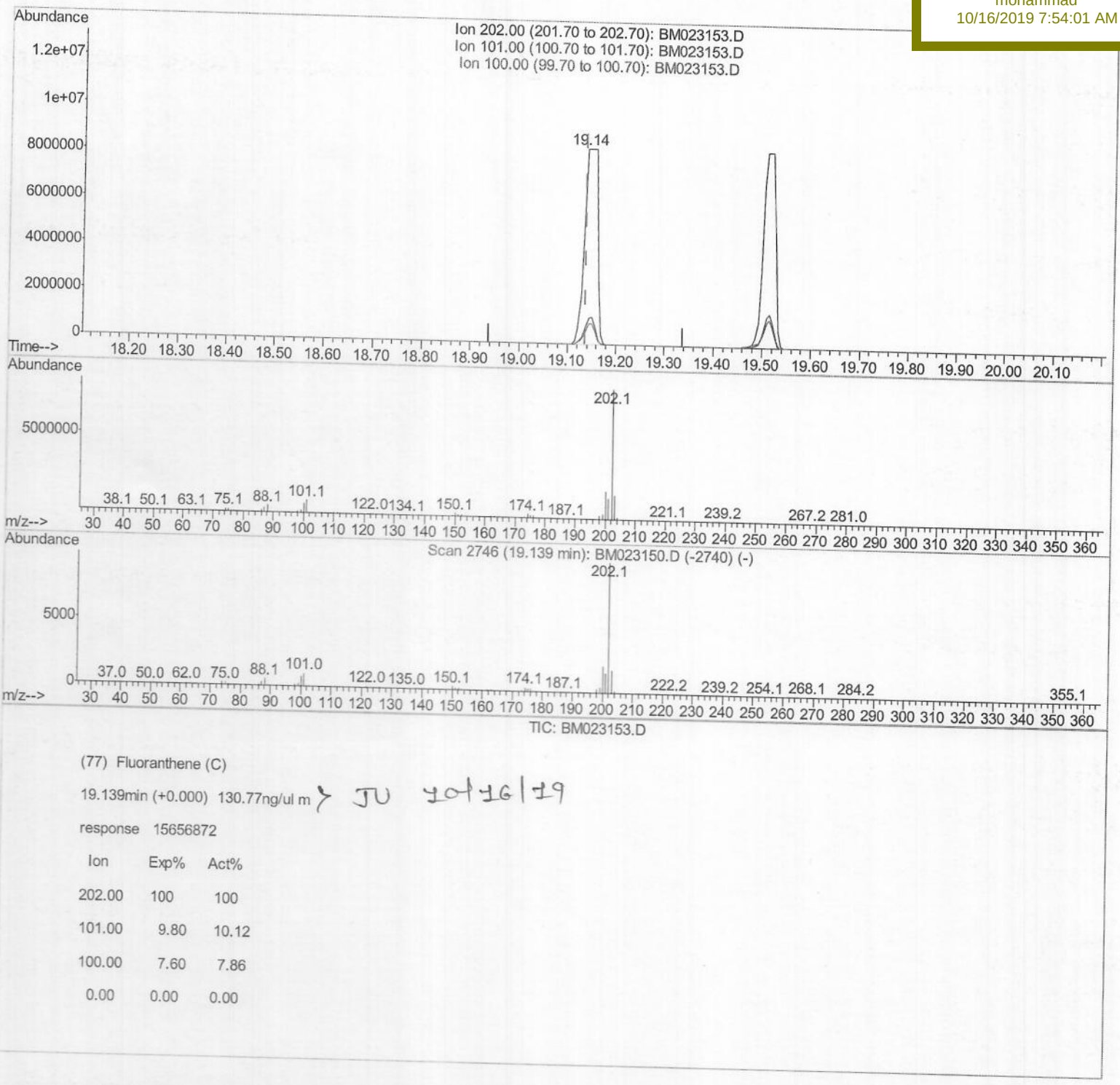

TIC: BM023153.D

(77) Fluoranthene (C)

19.139min (+0.000) 130.77ng/ul m JU 10/16/19

response 15656872

Ion	Exp%	Act%
202.00	100	100
101.00	9.80	10.12
100.00	7.60	7.86
0.00	0.00	0.00

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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	7.69	152	275310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1217333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	807784	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1783640	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	1931792	20.00	ng/ul	0.01
86) Perylene-d12	23.50	264	1899239	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.87	99	3954998	162.60	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.04	67	2186590	164.24	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.41	113	3158441	158.58	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.62	131	3573933	144.03	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.56	143	1806541	145.84	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.47	200	1610929	138.78	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.83	77	1977110	179.345	ng/ul	99
6) Phenol	6.90	94	4078226	159.926	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	2906203	150.688	ng/ul	97
11) 2-Methylphenol	8.14	108	3081683	156.794	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	4173594	163.668	ng/ul	99
14) Acetophenone	8.52	105	4739459	155.668	ng/ul	99
16) 4-Methylphenol	8.49	108	3365577	154.867	ng/ul	100
30) 4-Chloroaniline	10.64	127	3663657	140.178	ng/ul	99
32) Caprolactam	11.45	113	1140889m	170.439	ng/ul	
38) Hexachlorocyclopentadiene	12.52	237	2788077	167.845	ng/ul	99
49) 3-Nitroaniline	14.25	138	1766571	141.827	ng/ul#	94
51) 2,4-Dinitrophenol	14.45	184	1067439	130.251	ng/ul	94
53) 4-Nitrophenol	14.57	109	1551929	171.427	ng/ul	96
61) 4-Nitroaniline	15.43	138	2165636	153.908	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.49	198	1808900	139.351	ng/ul#	90
68) Atrazine	16.57	200	3412636	159.219	ng/ul	99
69) Pentachlorophenol	16.74	266	2522377	162.065	ng/ul	98
75) Carbazole	17.49	167	13756862	142.703	ng/ul	95
77) Fluoranthene	19.14	202	15656872m	130.775	ng/ul	
82) 3,3'-Dichlorobenzidine	21.20	252	6463715	146.883	ng/ul	98
87) Di-n-octyl phthalate	22.10	149	14644033	113.374	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
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