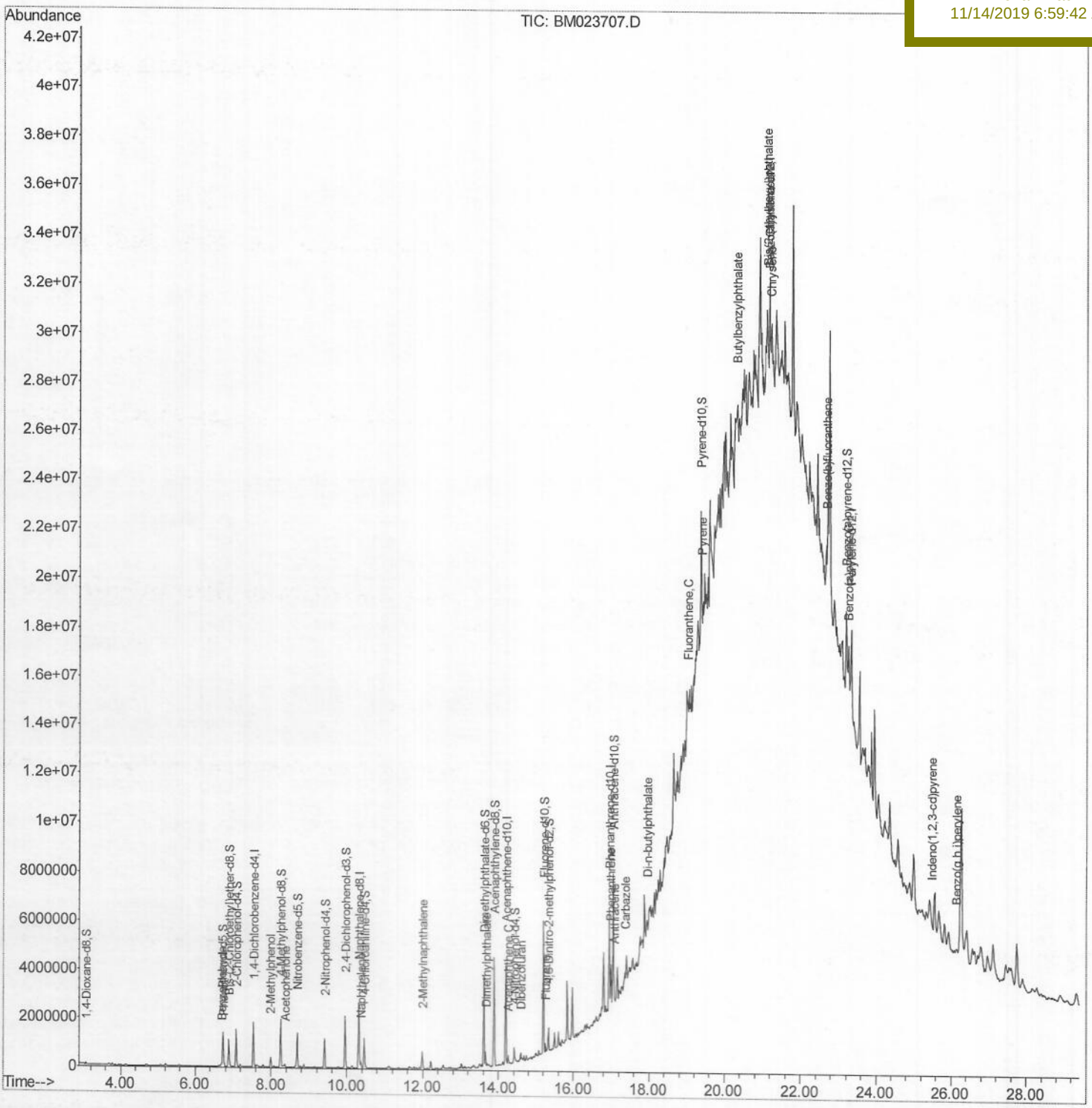
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023707.D
Acq On : 13 Nov 2019 21:19
Operator : JU
Sample : K5678-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 16 04:33:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 01:13:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLM93

Manual Integrations APPROVED
mohammad
11/14/2019 6:59:42 AM



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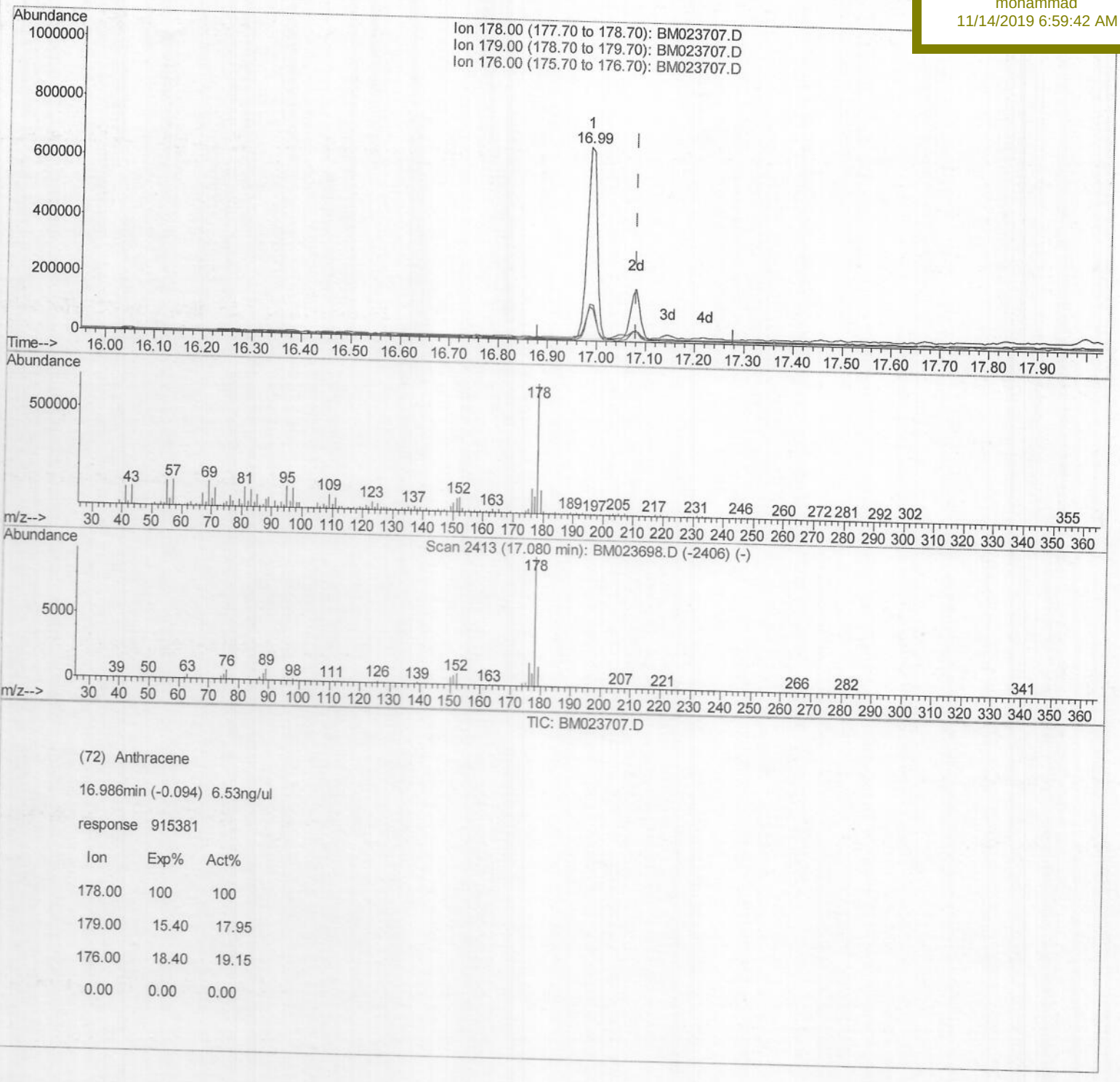

(72) Anthracene

16.986min (-0.094) 6.53ng/ul

response 915381

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	17.95
176.00	18.40	19.15
0.00	0.00	0.00

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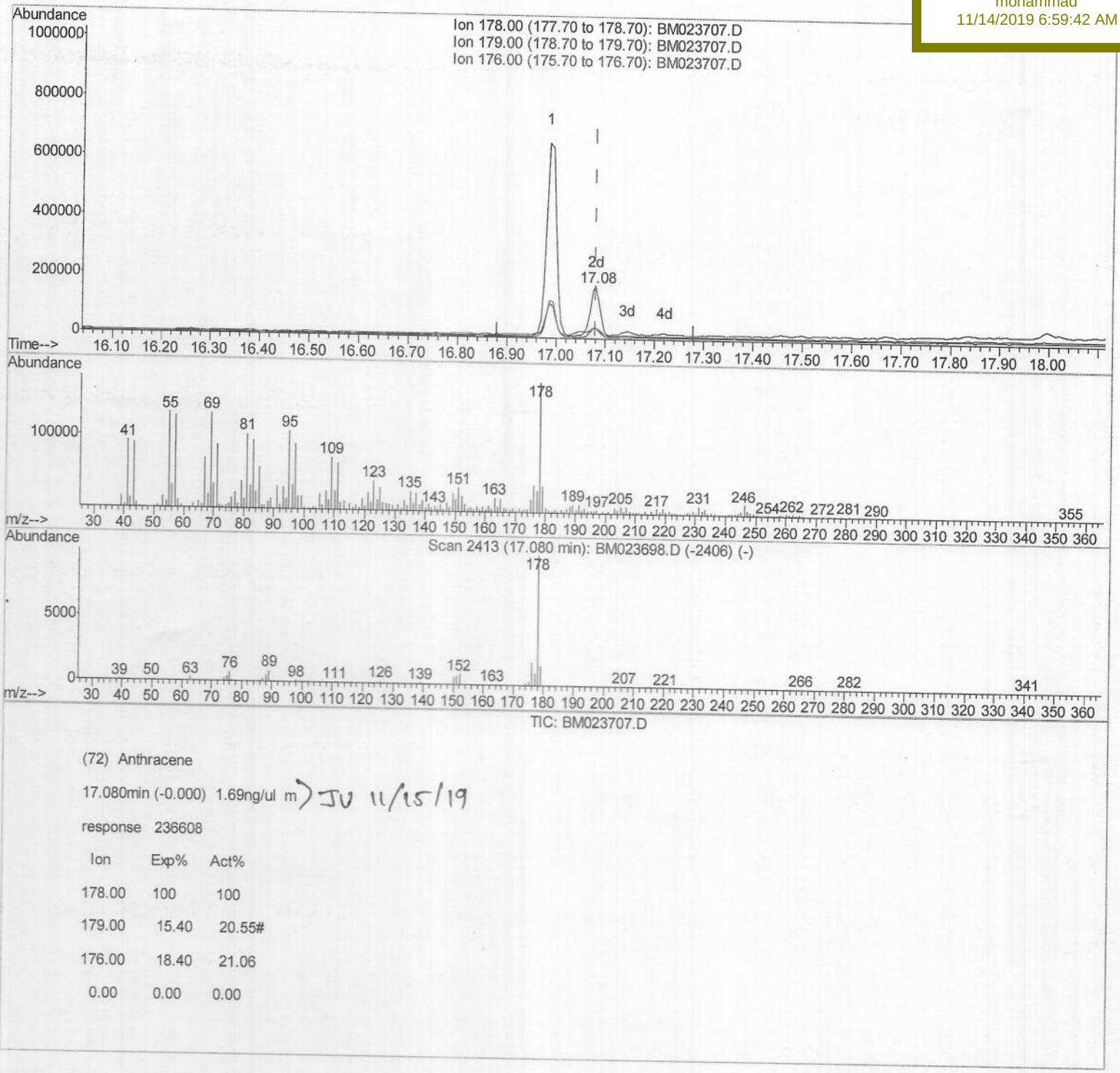

(72) Anthracene

17.080min (-0.000) 1.69ng/ul m) JU 11/15/19

response 236608

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	20.55#
176.00	18.40	21.06
0.00	0.00	0.00

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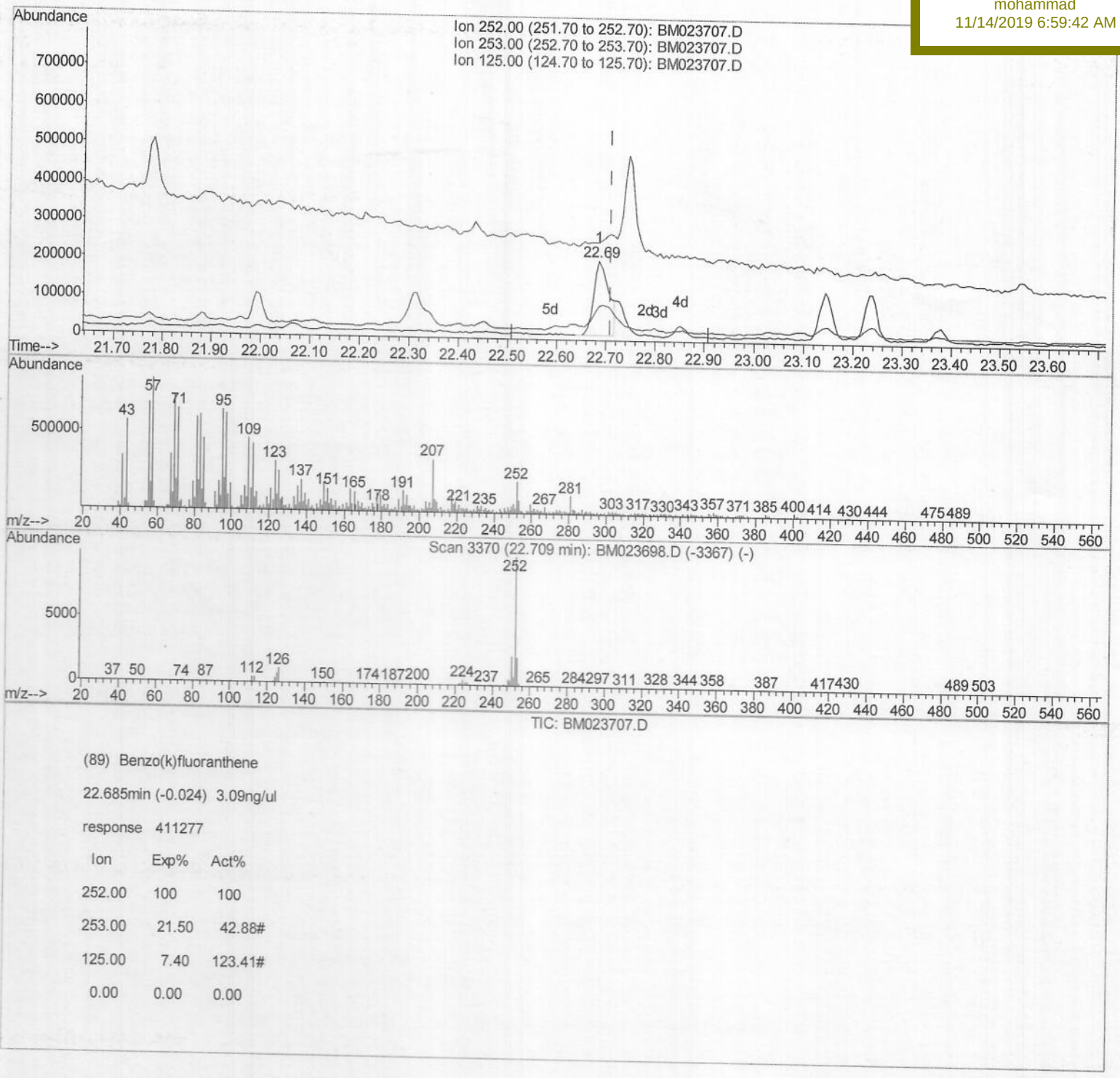

(89) Benzo(k)fluoranthene

22.685min (-0.024) 3.09ng/ul

response 411277

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	42.88#
125.00	7.40	123.41#
0.00	0.00	0.00

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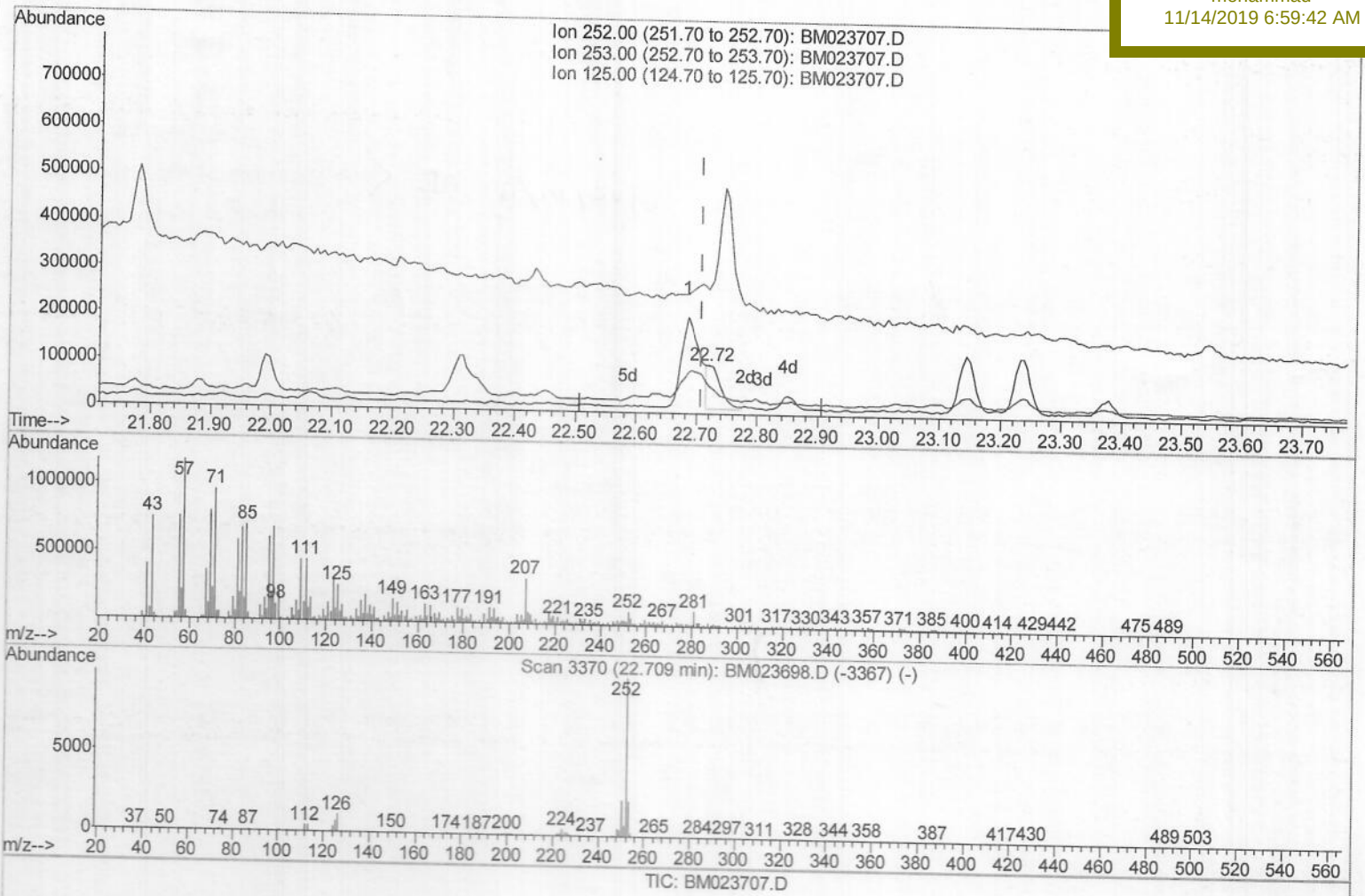

(89) Benzo(k)fluoranthene

22.721min (+0.012) 1.01ng/ul m JU 11/15/19

response 134238

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	56.86#
125.00	7.40	253.36#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	494575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2128537	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1365785	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2531462	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1831375	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2166213	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	31394	2.62	ng/uL	0.00
5) Phenol-d5	6.73	99	877186	19.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	508387	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	706661	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	748195	20.80	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	369251	24.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	429879	26.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	828517	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	685343	17.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2518168	23.64	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	3021259	24.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	192559	10.59	ng/ul	0.00
58) Fluorene-d10	15.20	176	2172533	23.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	236763	16.17	ng/ul	0.00
71) Anthracene-d10	17.04	188	2971963	24.75	ng/ul	0.00
79) Pyrene-d10	19.35	212	2671800	27.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2737289	24.01	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.69	77	36594	1.384	ng/ul	88
6) Phenol	6.76	94	70703	1.522	ng/ul	97
11) 2-Methylphenol	7.99	108	144224	4.161	ng/ul	97
14) Acetophenone	8.36	105	63839	1.138	ng/ul	98
28) Naphthalene	10.36	128	192745	1.723	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	334768	3.912	ng/ul	96
45) Dimethylphthalate	13.66	163	390309	3.739	ng/ul	100
50) Acenaphthene	14.26	153	146382	1.686	ng/ul	100
54) Dibenzofuran	14.60	168	195244	1.519	ng/ul	94
59) Fluorene	15.25	166	159751	1.532	ng/ul	99
70) Phenanthrene	16.99	178	915672	6.567	ng/ul	97
72) Anthracene	17.08	178	236608m	1.688	ng/ul	JU 11/15/19
75) Carbazole	17.35	167	123932	1.060	ng/ul#	74
76) Di-n-butylphthalate	17.93	149	396318	3.075	ng/ul#	92
77) Fluoranthene	19.02	202	744583	4.984	ng/ul	98
80) Pyrene	19.38	202	582404	4.920	ng/ul	98
81) Butylbenzylphthalate	20.30	149	48327	1.289	ng/ul#	84
83) Benzo(a)anthracene	21.14	228	259288	2.146	ng/ul#	83
84) Bis(2-ethylhexyl)phthalate	21.10	149	1066492	18.840	ng/ul#	92
85) Chrysene	21.19	228	305383	2.685	ng/ul#	80
88) Benzo(b)fluoranthene	22.69	252	411277	2.978	ng/ul#	1
91) Benzo(a)pyrene	23.23	252	218439	1.728	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	25.49	276	161065	1.192	ng/ul#	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.14	276	180640	1.649	ng/ul#	79

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