

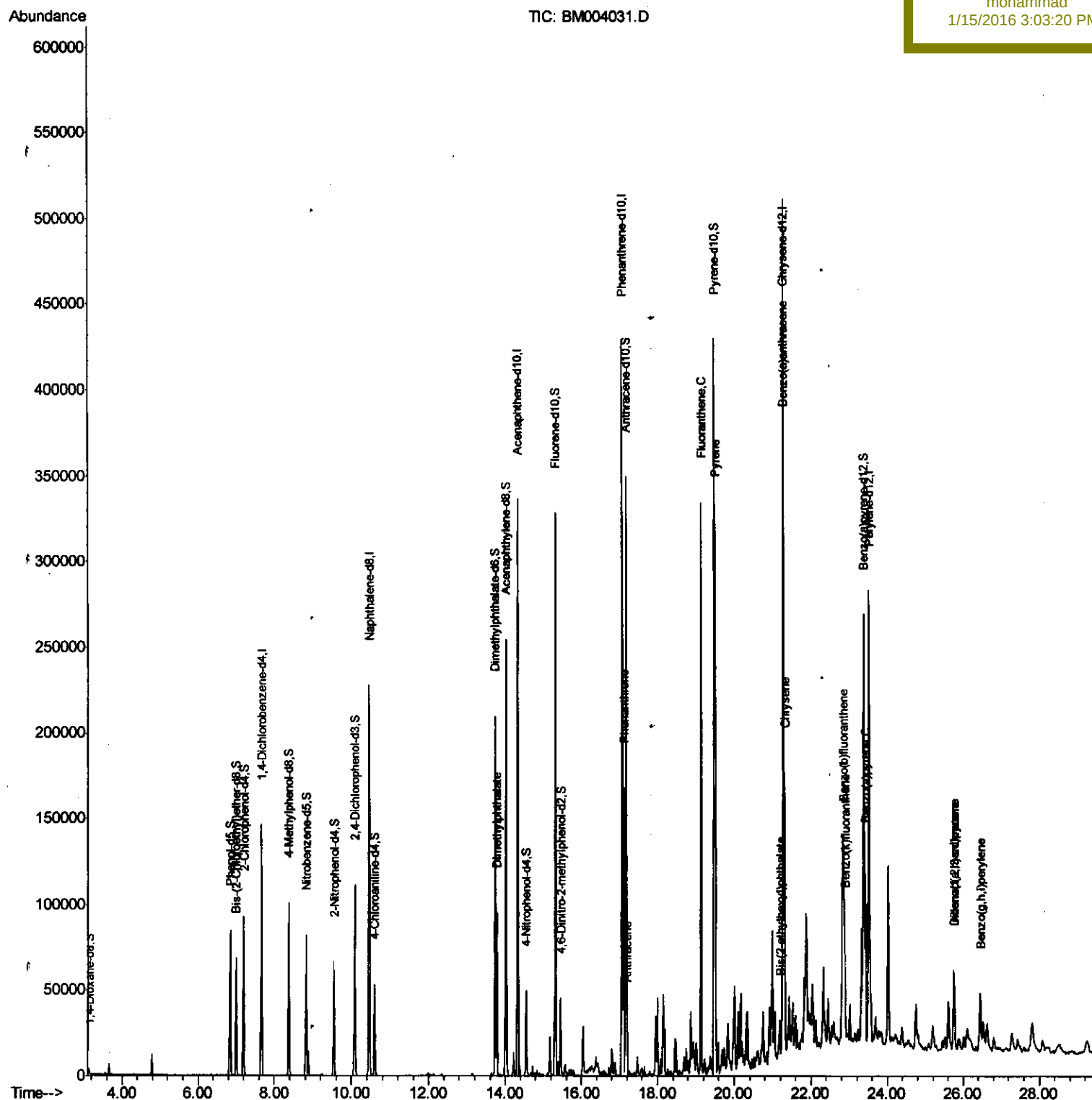
Data Path : Z:\HPCHEM1\BNA_M\Data\BM011516\
 Data File : BM004031.D
 Acq On : 15 Jan 2016 03:06
 Operator : SJ/UM
 Sample : H1099-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 15 13:30:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 BC9E3

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	39715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	190806	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	112519	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	245067	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	202302	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	180377	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2038	2.30	ng/uL	0.00
5) Phenol-d5	6.85	99	54119	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	30579	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	45912	16.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	40330	15.09	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	22020	15.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	24010	15.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	43783	15.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	31270	8.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	142630	16.15	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	177510	16.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	16530	10.42	ng/ul	0.00
58) Fluorene-d10	15.32	176	127598	17.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	10373	7.51	ng/ul	0.00
71) Anthracene-d10	17.17	188	187797	16.57	ng/ul	0.00
79) Pyrene-d10	19.47	212	191585	18.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	152297	16.91	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	61640	6.84	ng/ul	99
70) Phenanthrene	17.11	178	100943	7.32	ng/ul	99
72) Anthracene	17.20	178	20543	1.45	ng/ul	99
77) Fluoranthene	19.14	202	194396	13.57	ng/ul	99
80) Pyrene	19.50	202	191885	13.97	ng/ul	99
83) Benzo(a)anthracene	21.26	228	80098	6.65	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	7664	1.04	ng/ul#	98
85) Chrysene	21.31	228	83478	7.29	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	91365	8.33	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	30356m	2.91	ng/ul	97
91) Benzo(a)pyrene	23.41	252	67642	6.50	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	43355	3.77	ng/ul	96
93) Dibenzo(a,h)anthracene	25.76	278	12261	1.27	ng/ul#	88
94) Benzo(g,h,i)perylene	26.44	276	41731	4.32	ng/ul	99

S-3
 01/15/16

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

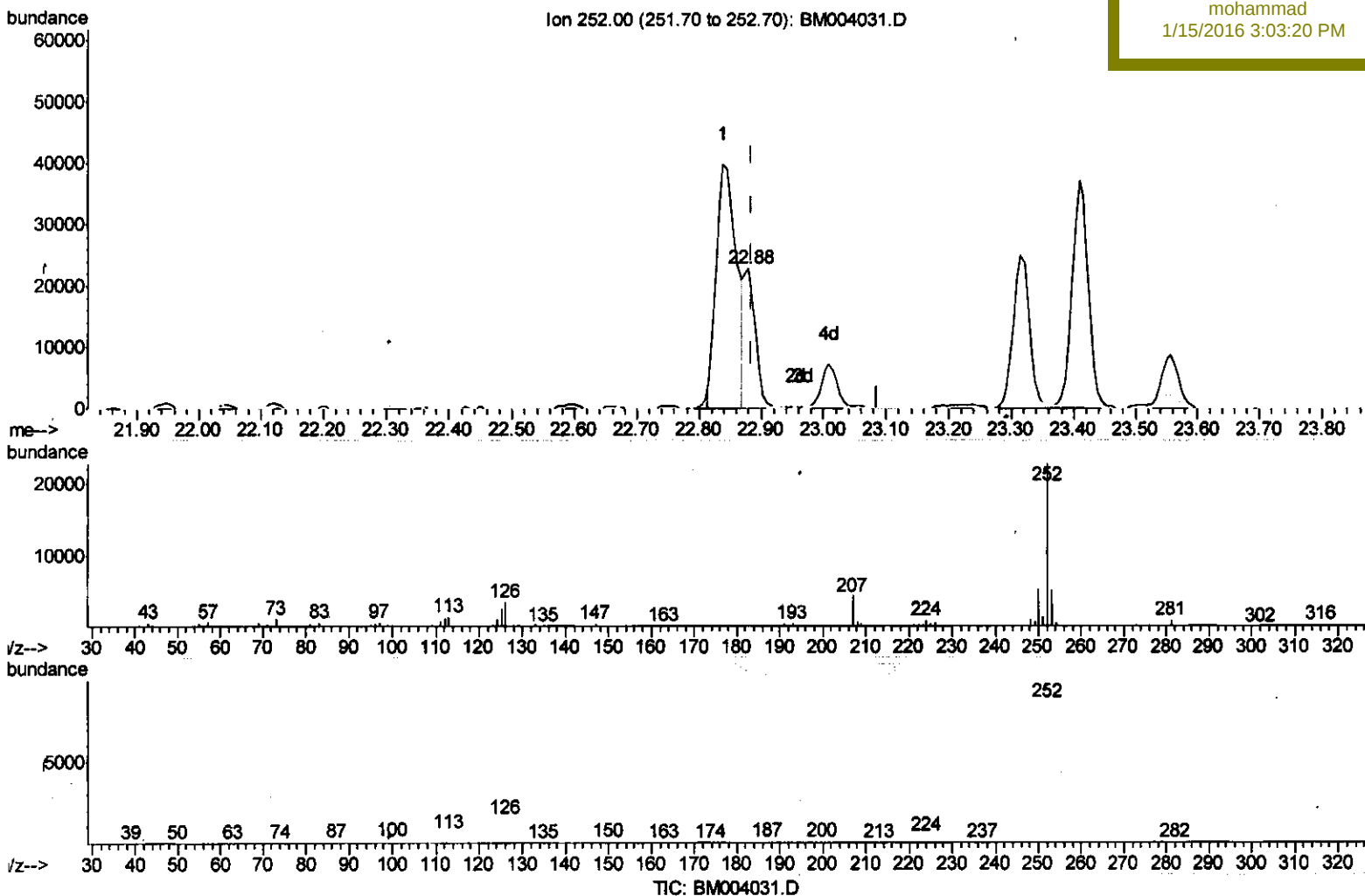
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(89) Benzo(k)fluoranthene

22.880min (-0.006) 2.91ng/ul m

response 30356

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.90
125.00	10.20	11.89
0.00	0.00	0.00

5.3
 01/15/16

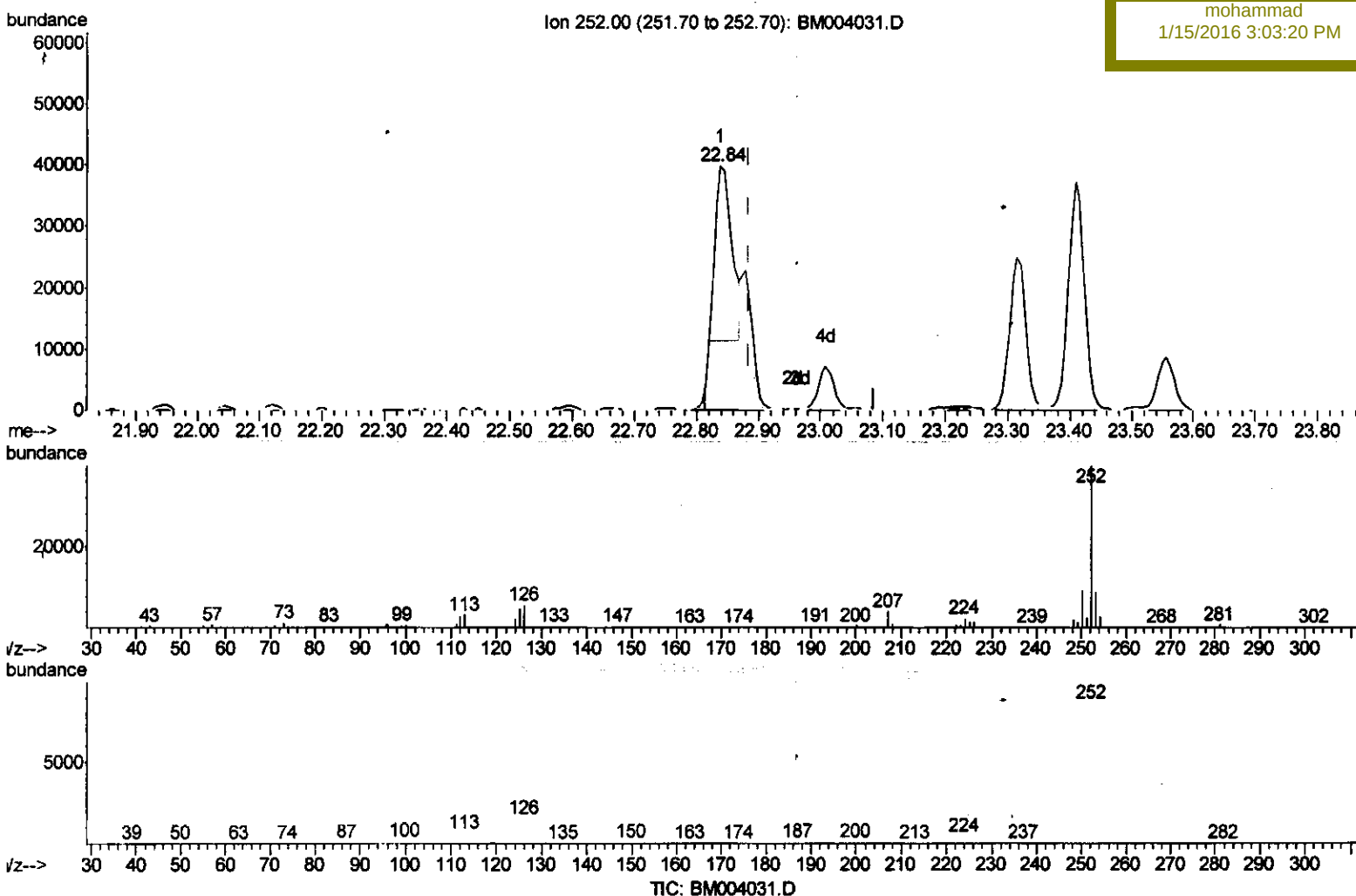
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(89) Benzo(k)fluoranthene

22.839min (-0.047) 5.08ng/ul

response 52992

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.69
125.00	10.20	12.36#
0.00	0.00	0.00