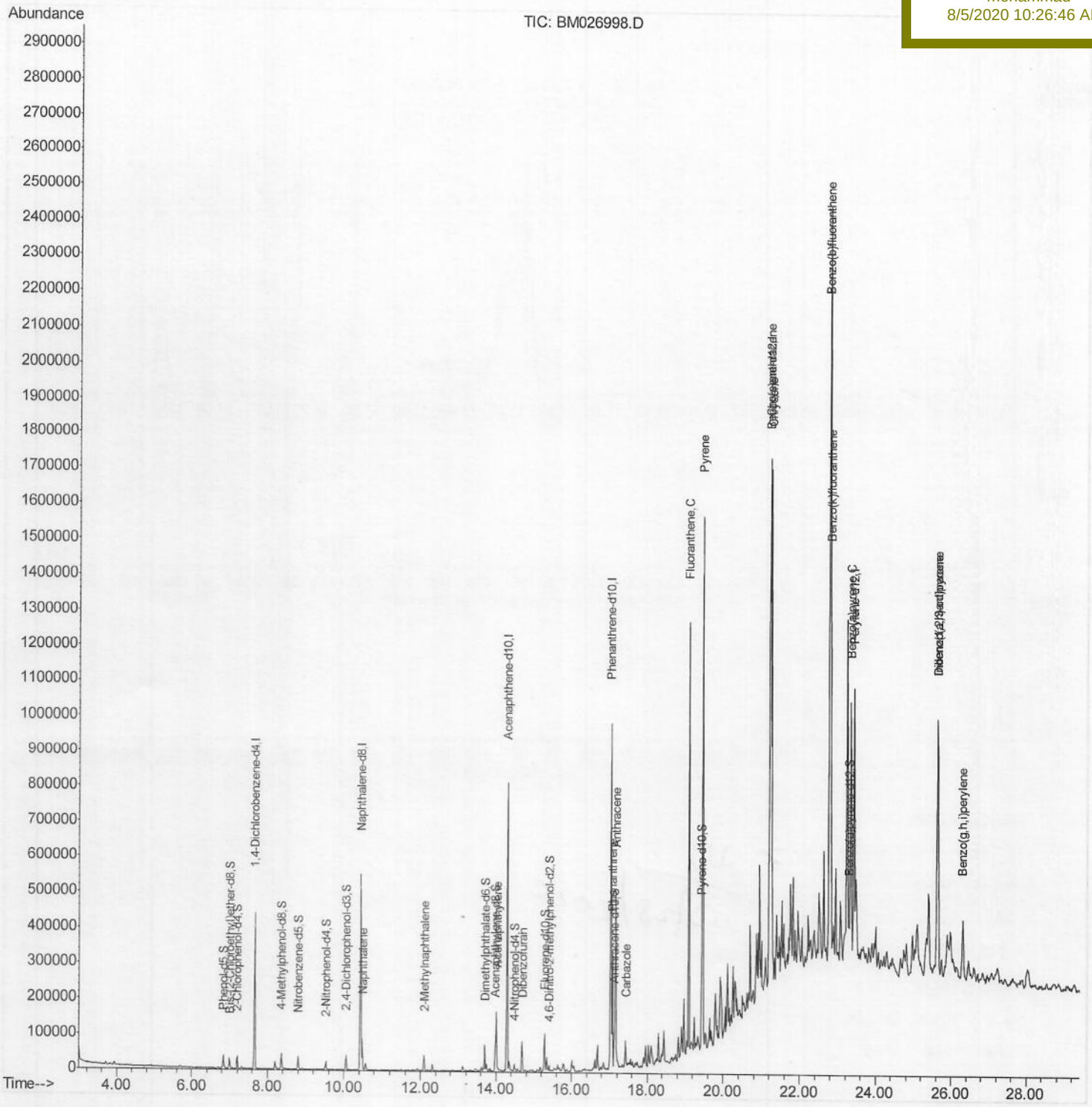
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026998.D
Acq On : 04 Aug 2020 10:56
Operator : JU/CG
Sample : L3424-14DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 04 13:02:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 10:59:09 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S89DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:46 AM



Quantitation Report (Qedit)

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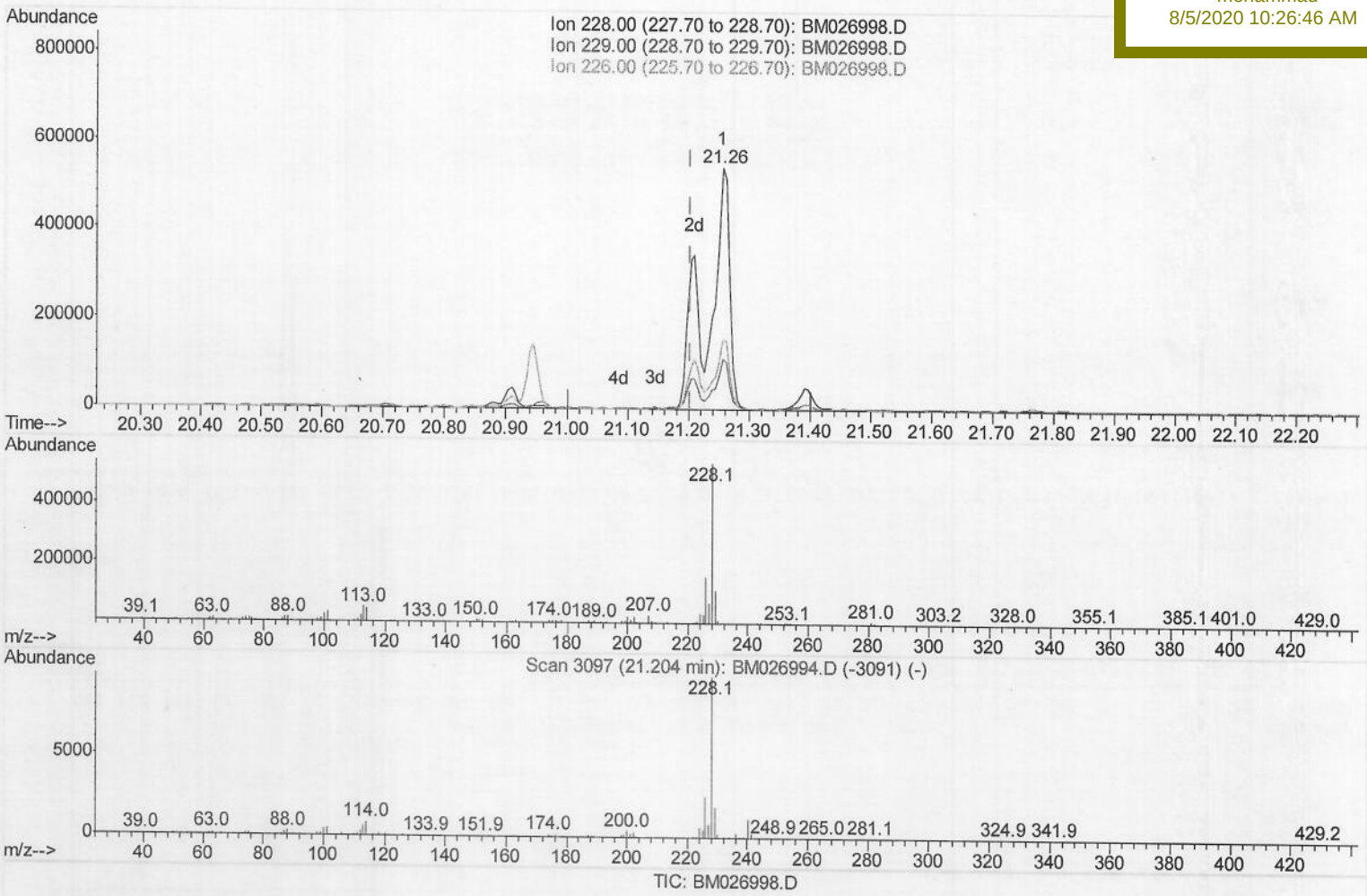

TIC: BM026998.D

(83) Benzo(a)anthracene

21.256min (+0.053) 23.48ng/ul

response 840000

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	20.79
226.00	26.10	29.09
0.00	0.00	0.00

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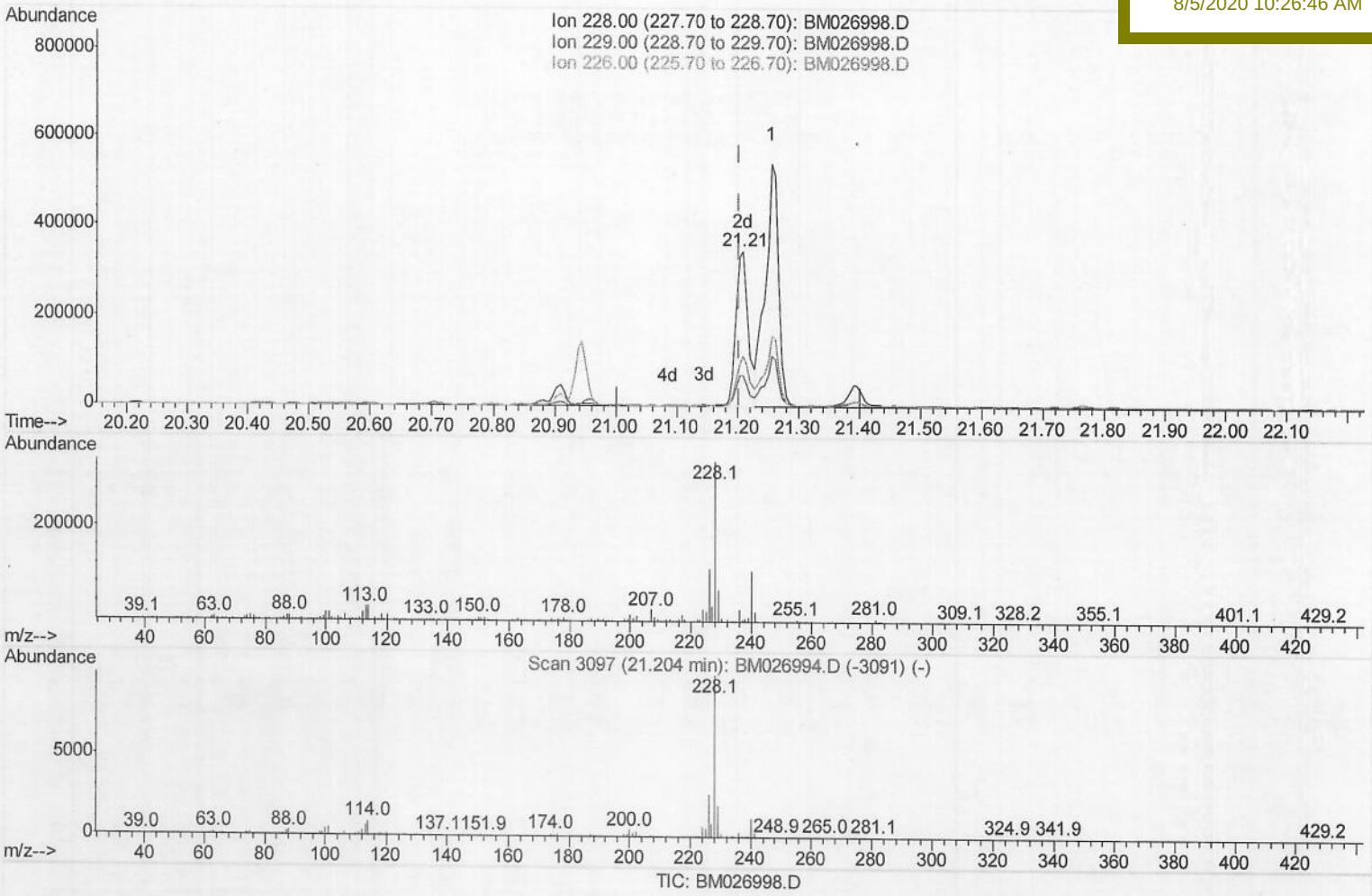

(83) Benzo(a)anthracene

21.209min (+0.006) 13.63ng/ul m -> 08/05/2020 JV

response 487629

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	19.74
226.00	26.10	32.92#
0.00	0.00	0.00

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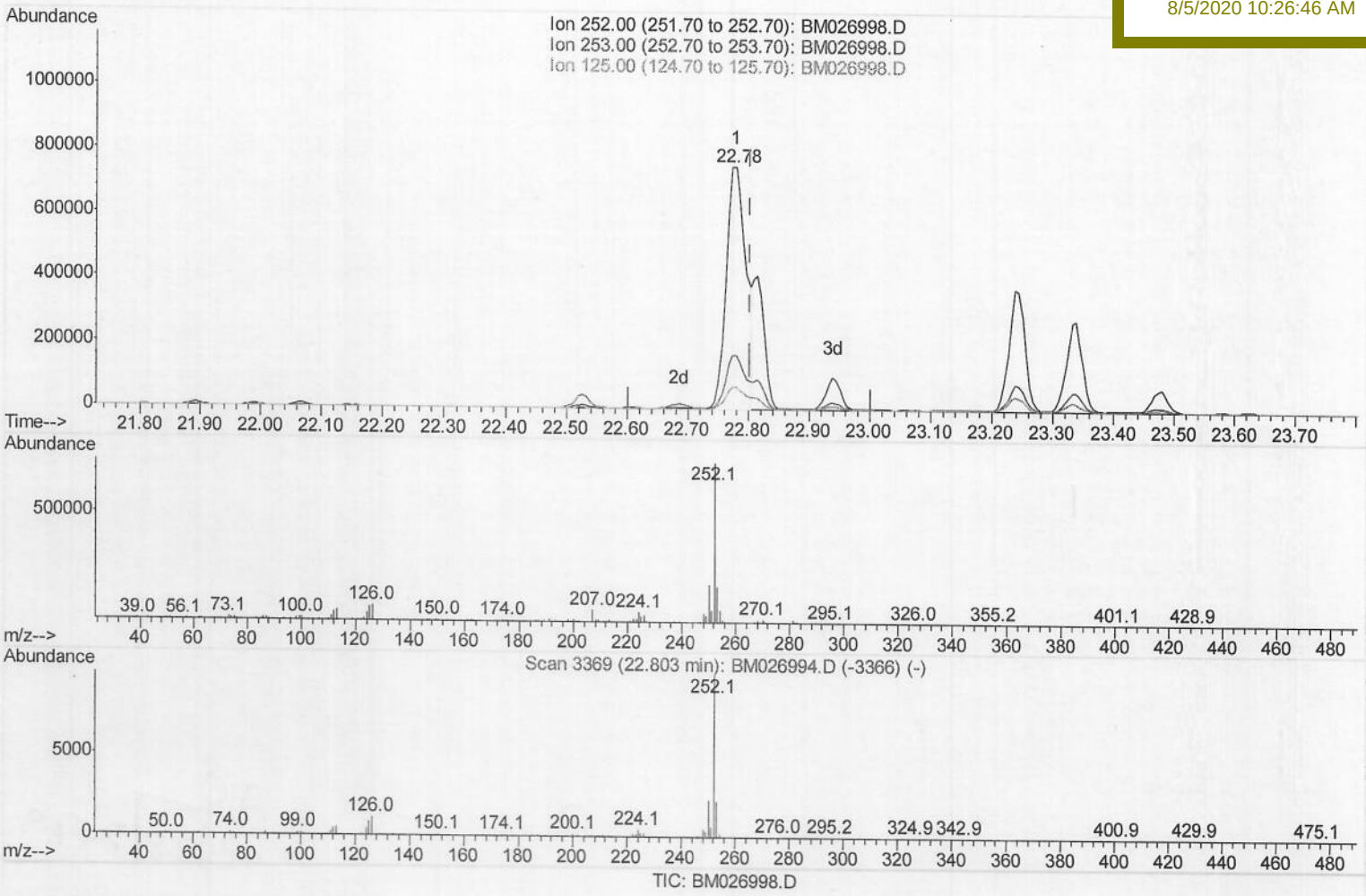
Manual Integrations APPROVED
mohammad
8/5/2020 10:26:46 AM



(89) Benzo(k)fluoranthene

22.780min (-0.024) 47.00ng/ul

response 1666761

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.44
125.00	9.10	8.95
0.00	0.00	0.00

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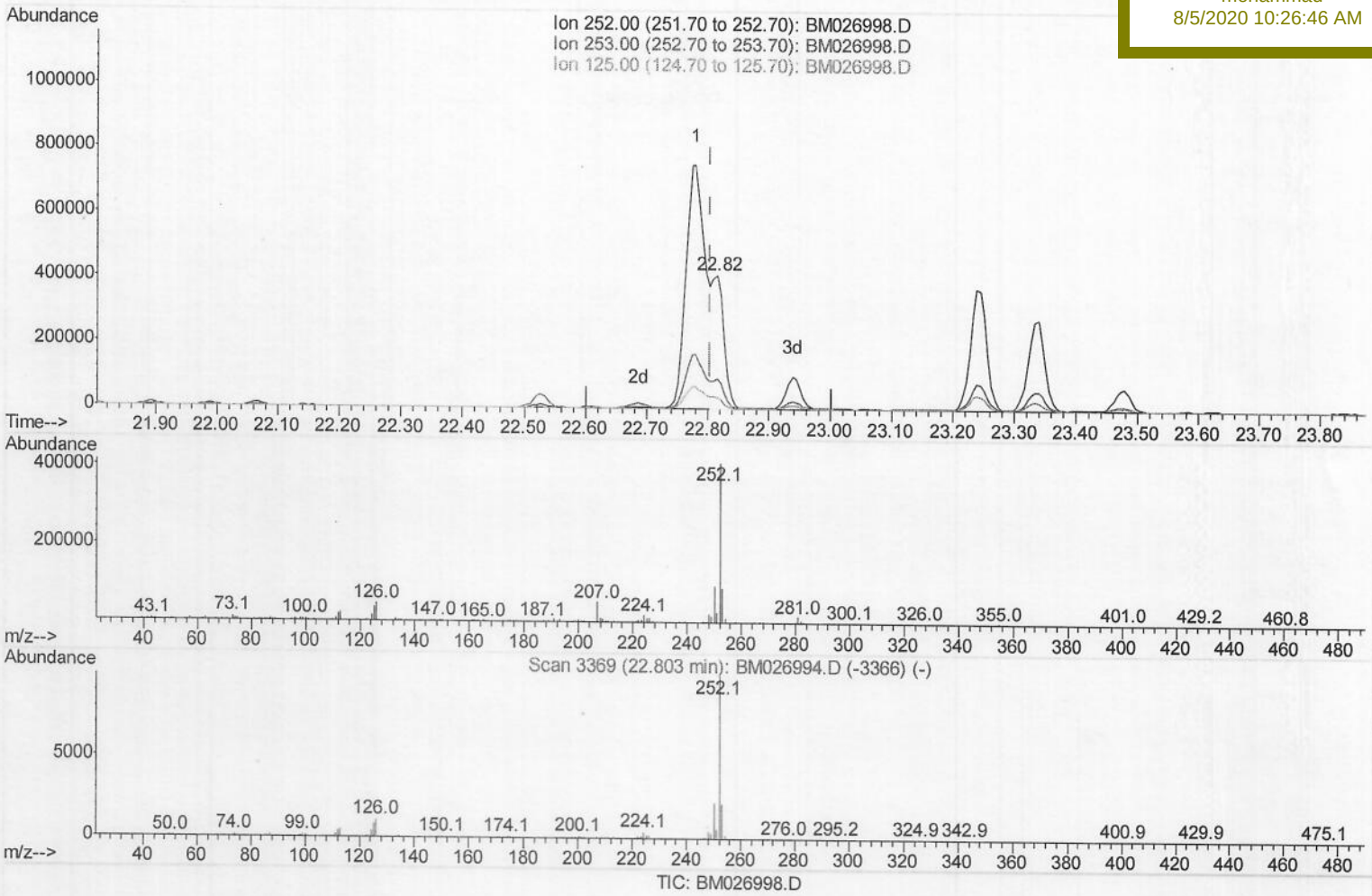
Manual Integrations APPROVED
mohammad
8/5/2020 10:26:46 AM



(89) Benzo(k)fluoranthene

22.815min (+0.012) 15.15ng/ul m -> 08\05\2020 JU

response 537325

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.30
125.00	9.10	8.68
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
8/5/2020 10:26:46 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	107844	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	426167	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	256009	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	519813	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	519130	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	516591	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	751	0.32	ng/uL	0.00
5) Phenol-d5	6.83	99	18147	1.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	13473	2.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	14069	1.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	14016	1.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	6557	1.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	6326	2.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	14553	2.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	8138	0.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	43448	2.16	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	52580	2.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	3400	1.00	ng/ul	0.00
58) Fluorene-d10	15.28	176	37877	2.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	3061	1.32	ng/ul	0.00
71) Anthracene-d10	17.13	188	58796	2.26	ng/ul	0.00
79) Pyrene-d10	19.43	212	60507	2.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	63180	2.17	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	62403	2.621	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	19073	1.133	ng/ul	95
48) Acenaphthylene	14.01	152	129924	5.006	ng/ul	98
54) Dibenzofuran	14.69	168	46995	1.896	ng/ul	97
70) Phenanthrene	17.07	178	171938	5.449	ng/ul	98
72) Anthracene	17.16	178	315892	9.740	ng/ul	99
75) Carbazole	17.43	167	43769	1.527	ng/ul	99
77) Fluoranthene	19.09	202	655775	17.602	ng/ul	99
80) Pyrene	19.46	202	859054	22.745	ng/ul	97
83) Benzo(a)anthracene	21.21	228	487629m	13.628	ng/ul	
85) Chrysene	21.26	228	840000	24.073	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	1666761	45.103	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	537325m	15.152	ng/ul	
91) Benzo(a)pyrene	23.34	252	508638	15.253	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.64	276	668265	16.154	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.64	278	168030	4.803	ng/ul#	88
94) Benzo(g,h,i)perylene	26.30	276	180691	5.282	ng/ul	98

08/05/2020 JU

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