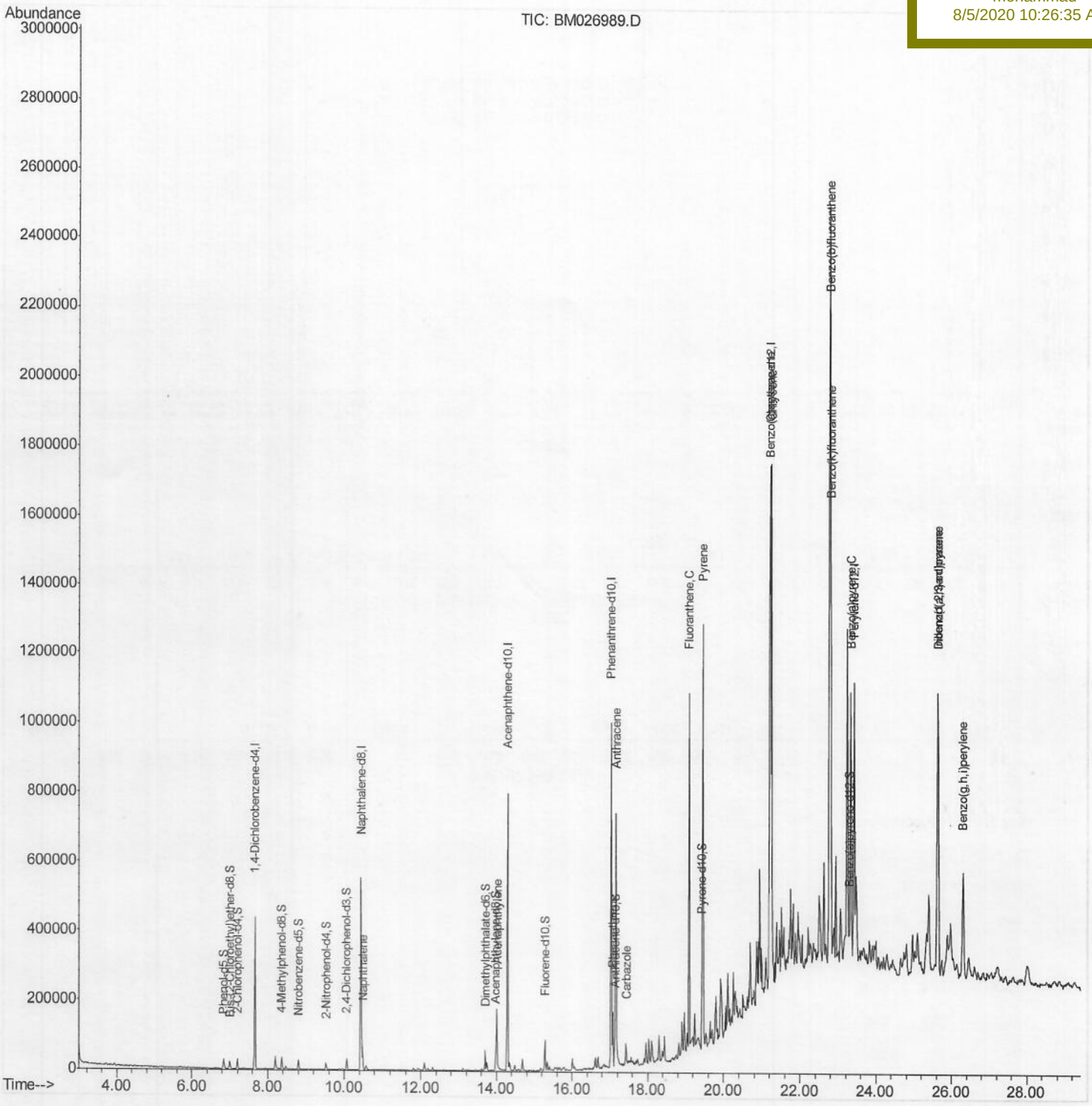
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026989.D
Acq On : 03 Aug 2020 21:40
Operator : JU/CG
Sample : L3424-03DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 04 04:53:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S78DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:35 AM



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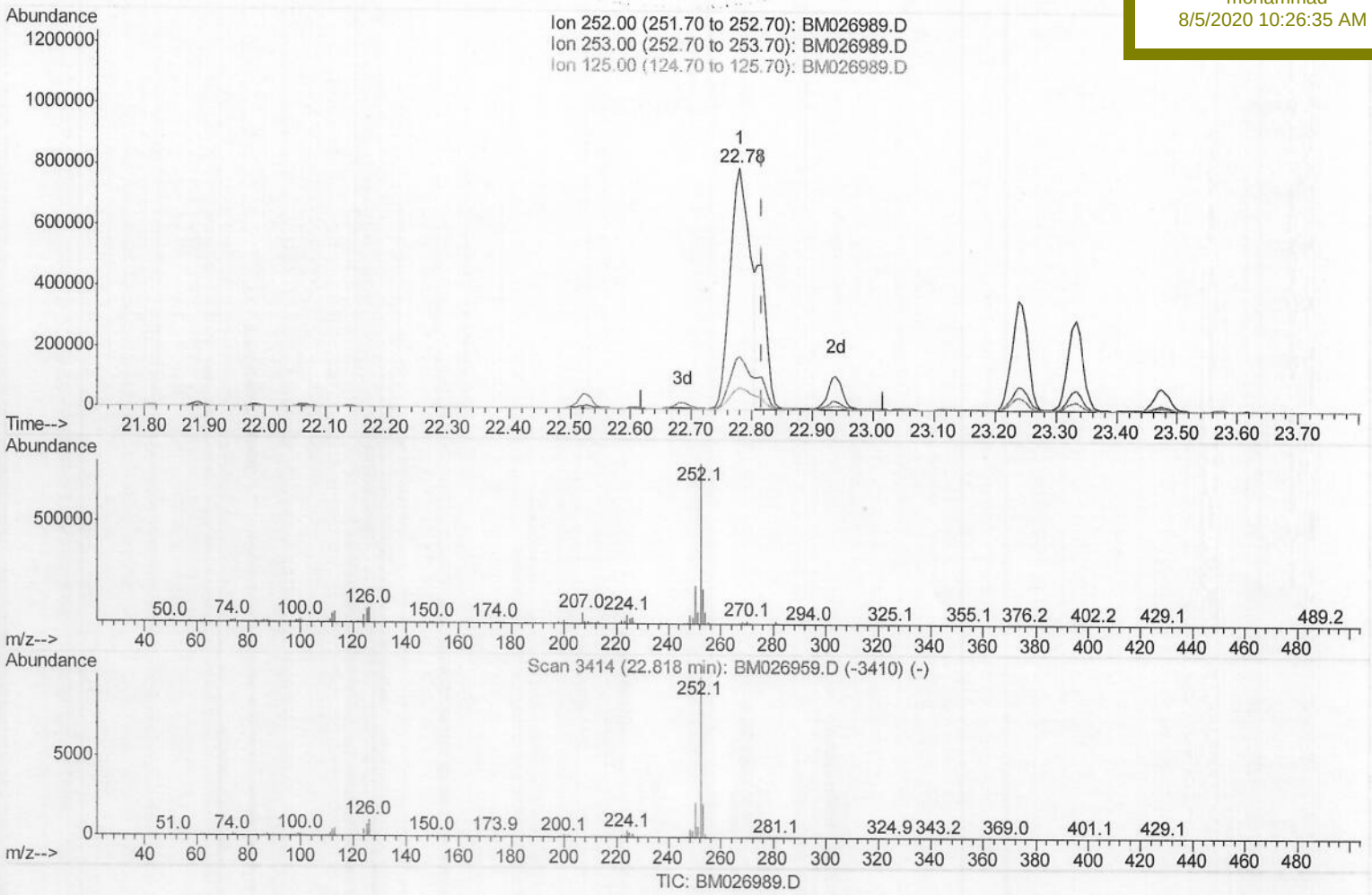

TIC: BM026989.D

(89) Benzo(k)fluoranthene

22.780min (-0.038) 51.21ng/ul

response 1824346

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.21
125.00	9.10	9.13
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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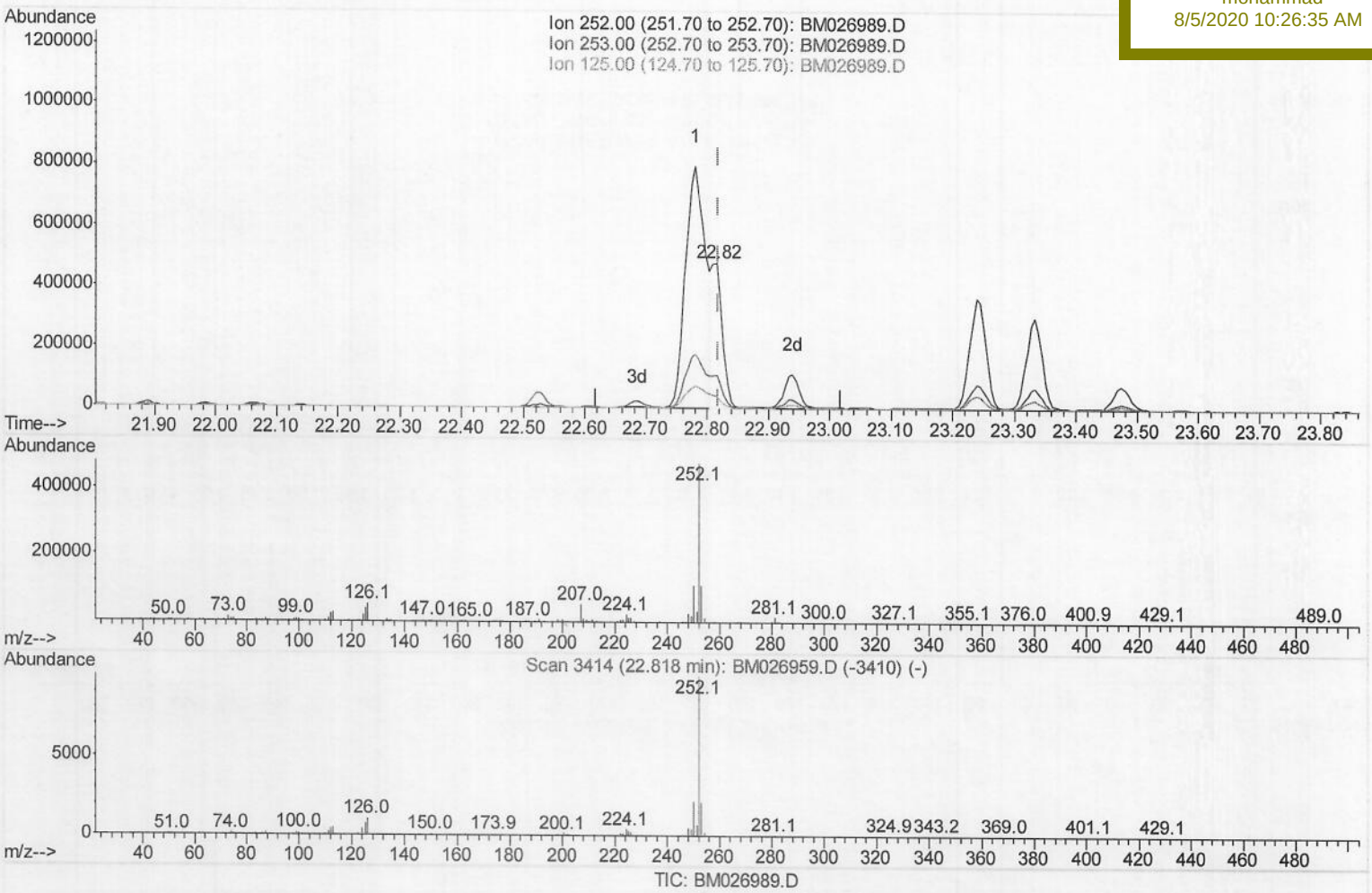

TIC: BM026989.D

(89) Benzo(k)fluoranthene

22.815min (-0.003) 16.08ng/ul m -> 08/05/2020 JU

response 572728

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.67
125.00	9.10	8.58
0.00	0.00	0.00

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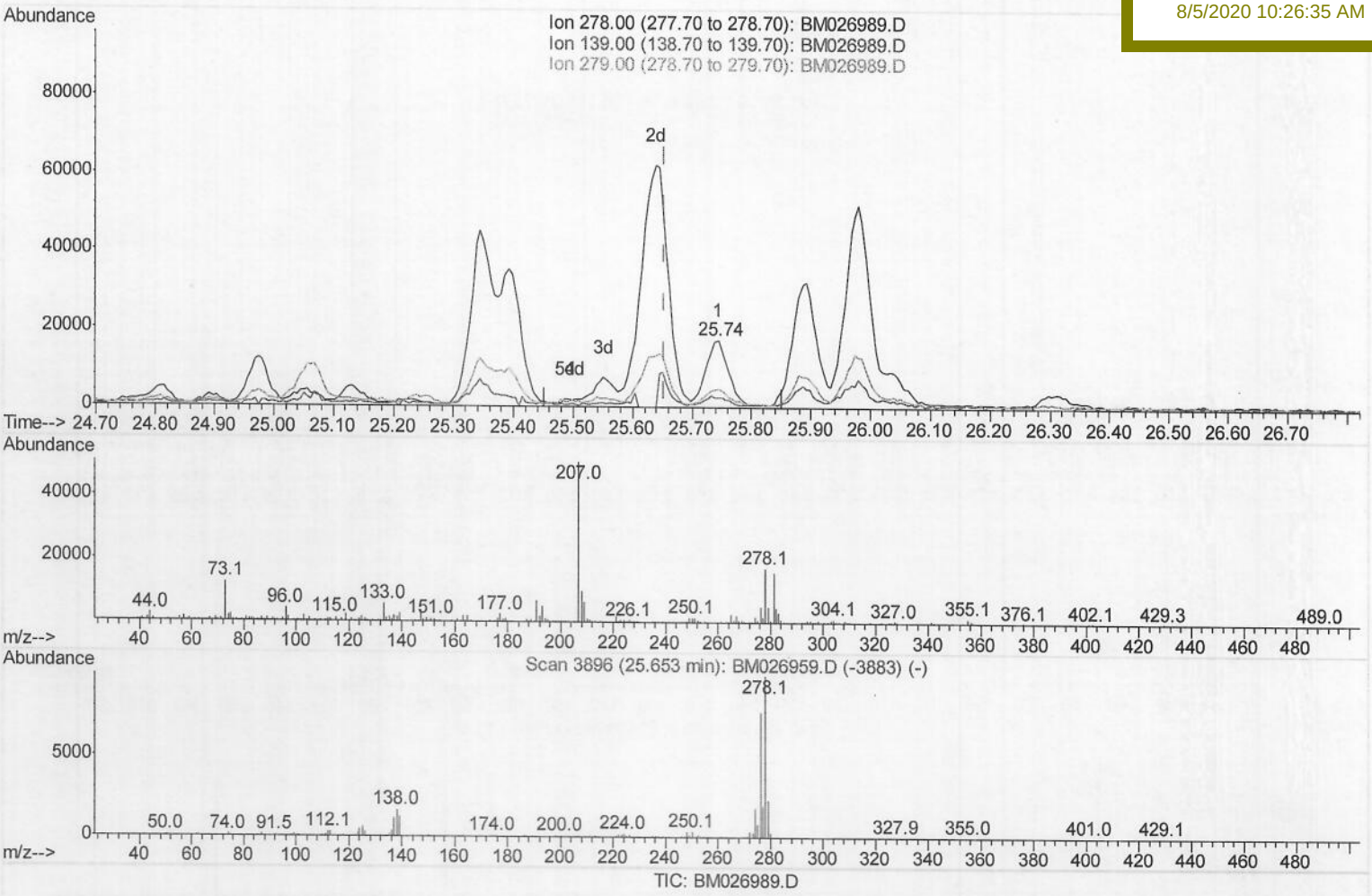
Manual Integrations APPROVED
mohammad
8/5/2020 10:26:35 AM



TIC: BM026989.D

(93) Dibenzo(a,h)anthracene

25.744min (+0.092) 1.27ng/ul

response 44485

Ion	Exp%	Act%
278.00	100	100
139.00	13.60	14.66
279.00	24.30	28.07
0.00	0.00	0.00

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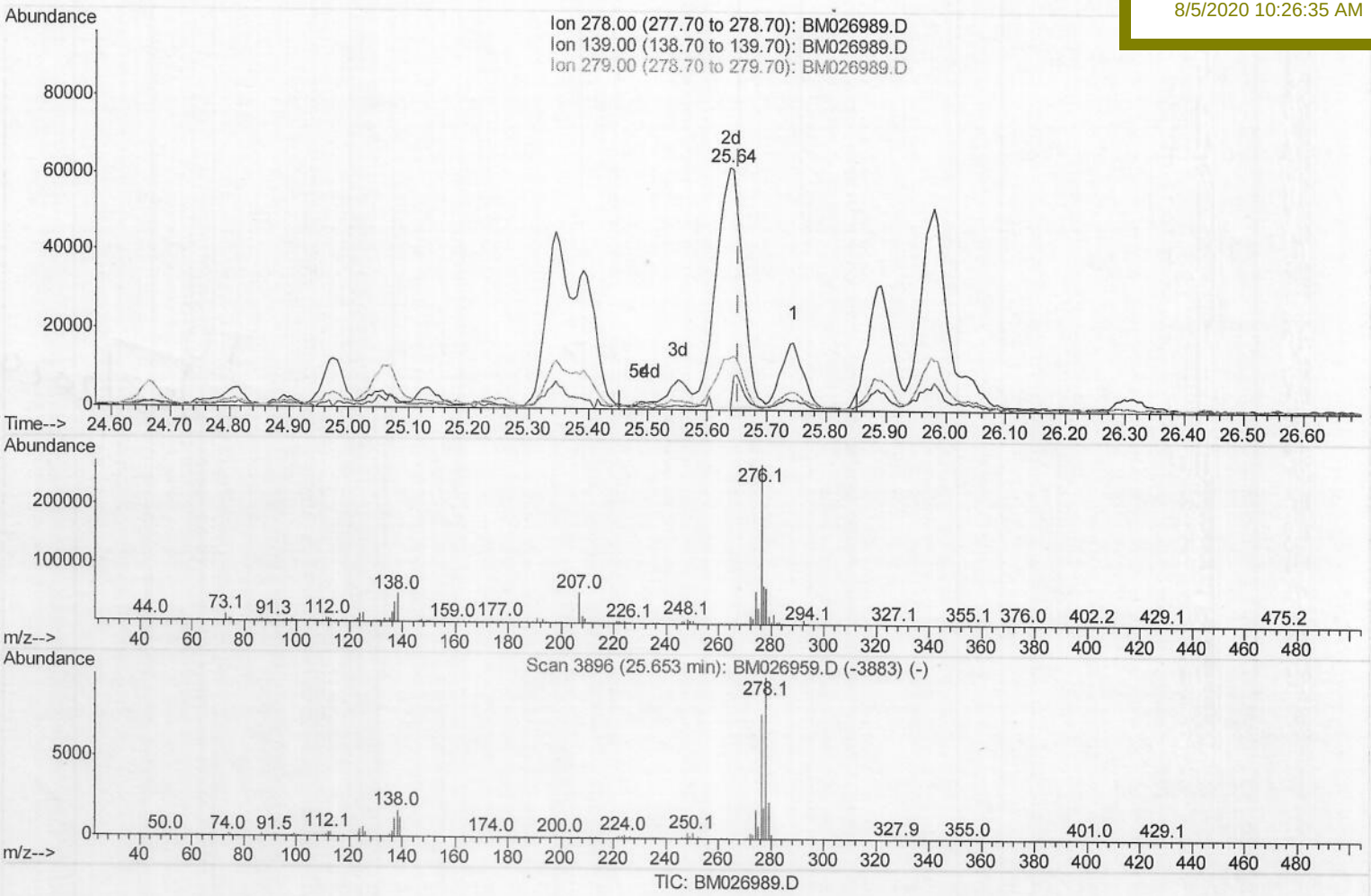
Manual Integrations APPROVED
mohammad
8/5/2020 10:26:35 AM



TIC: BM026989.D

(93) Dibenzo(a,h)anthracene

25.639min (-0.014) 5.39ng/ul m -> 08/05/2020 JU

response 189367

Ion	Exp%	Act%
278.00	100	100
139.00	13.60	0.00#
279.00	24.30	21.59
0.00	0.00	0.00

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ClientSampleId : C0S78DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	104998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	412423	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	249153	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	522075	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	523390	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	519012	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	447	0.19	ng/uL	0.00
5) Phenol-d5	6.84	99	13778	1.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	10134	1.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	10766	1.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	10832	1.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	5057	1.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	4962	1.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	10962	1.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	6201	0.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	35088	1.80	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	40881	1.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	2323	0.70	ng/ul	0.00
58) Fluorene-d10	15.29	176	28462	1.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	2112	0.91	ng/ul	0.00
71) Anthracene-d10	17.13	188	45515	1.74	ng/ul	0.00
79) Pyrene-d10	19.43	212	49283	1.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	48201	1.65	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	51640	2.241	ng/ul	97
48) Acenaphthylene	14.01	152	138972	5.502	ng/ul	98
70) Phenanthrene	17.07	178	84838	2.677	ng/ul	98
72) Anthracene	17.16	178	453672	13.928	ng/ul	99
75) Carbazole	17.43	167	33136	1.151	ng/ul#	97
77) Fluoranthene	19.09	202	566635	15.143	ng/ul	100
80) Pyrene	19.46	202	680324	17.866	ng/ul	97
83) Benzo(a)anthracene	21.20	228	475024	13.168	ng/ul	94
85) Chrysene	21.26	228	850040	24.163	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	1824346	49.137	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	572728m	16.076	ng/ul	
91) Benzo(a)pyrene	23.33	252	526926	15.728	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	739615	17.795	ng/ul	95
93) Dibenzo(a,h)anthracene	25.64	278	189367m	5.387	ng/ul	
94) Benzo(g,h,i)perylene	26.31	276	351020	10.214	ng/ul	97

08/05/2020 JU

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