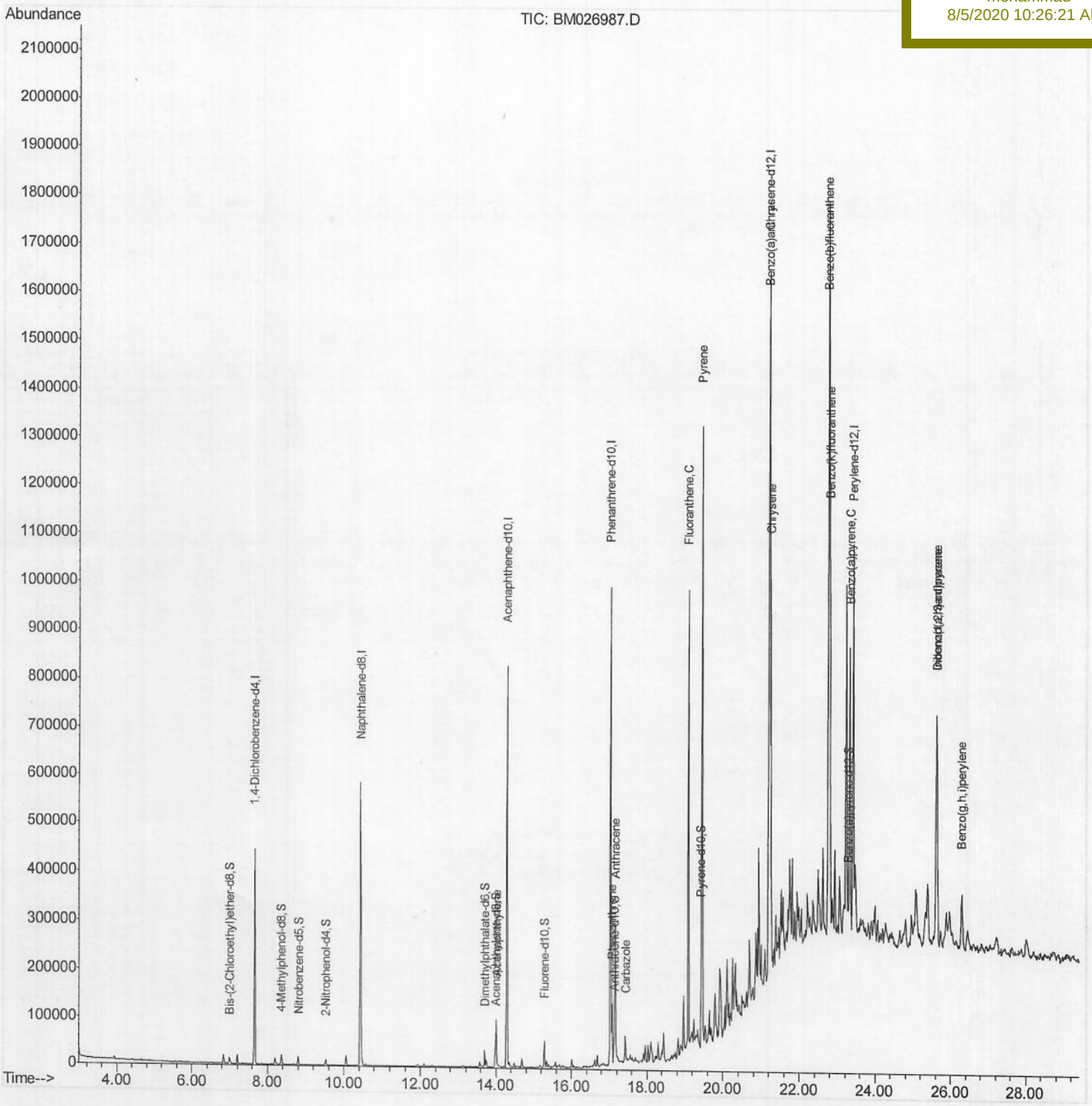
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
Operator : JU/CG
Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 04:40:03 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 :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
Operator : JU/CG
Sample : L3424-06DL 25X
Misc :
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Quant Time: Aug 04 02:37:20 2020
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Quant Title : SVOA CALIBRATION
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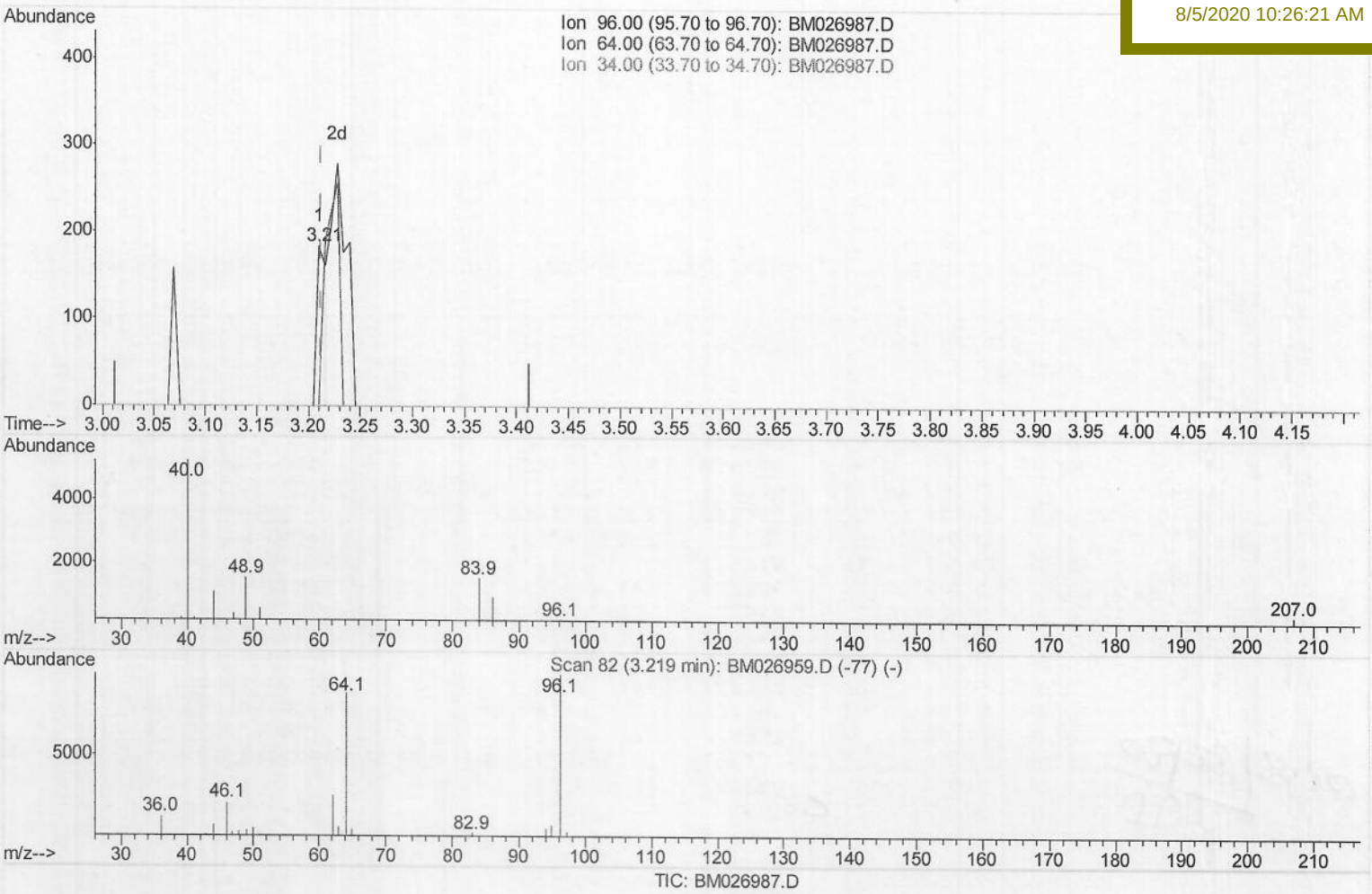
Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



TIC: BM026987.D

(3) 1,4-Dioxane-d8 (S)

3.210min (-0.003) 0.05ng/uL

response 121

Ion	Exp%	Act%
96.00	100	100
64.00	76.50	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Manual Integrations APPROVED
mohammad
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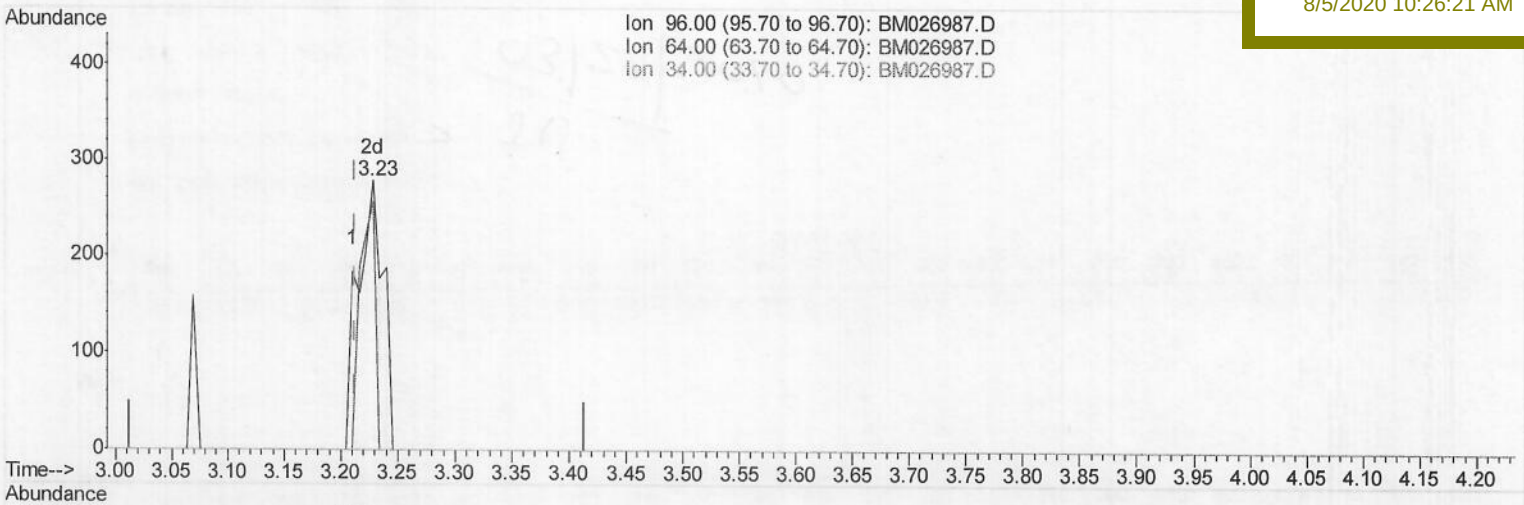

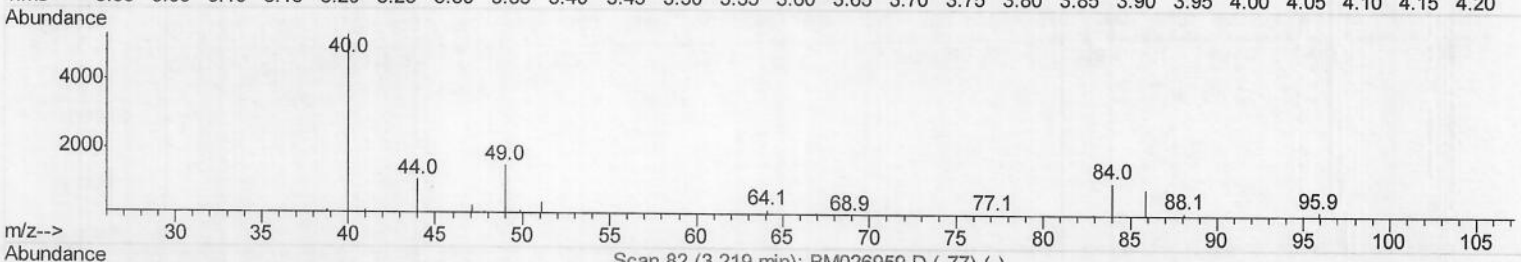

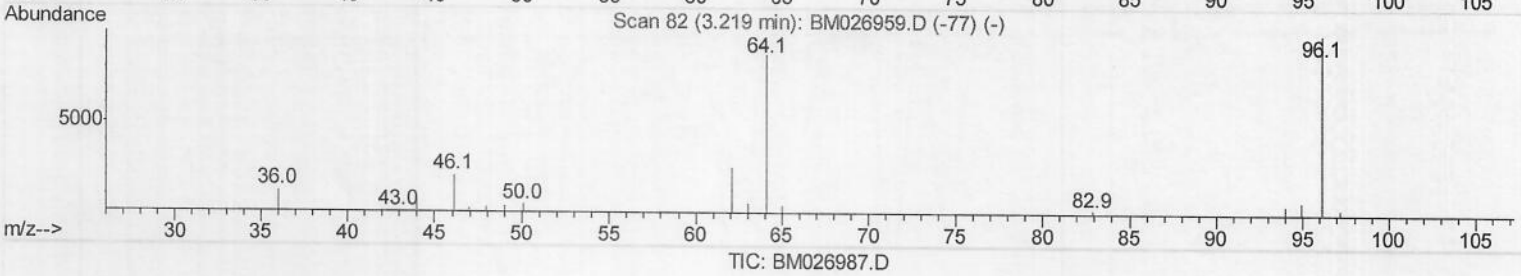

TIC: BM026987.D

(3) 1,4-Dioxane-d8 (S)

3.228min (+0.015) 0.15ng/uL m -> 08/05/2020 JU

response 353

Ion	Exp%	Act%
96.00	100	100
64.00	76.50	92.09#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
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Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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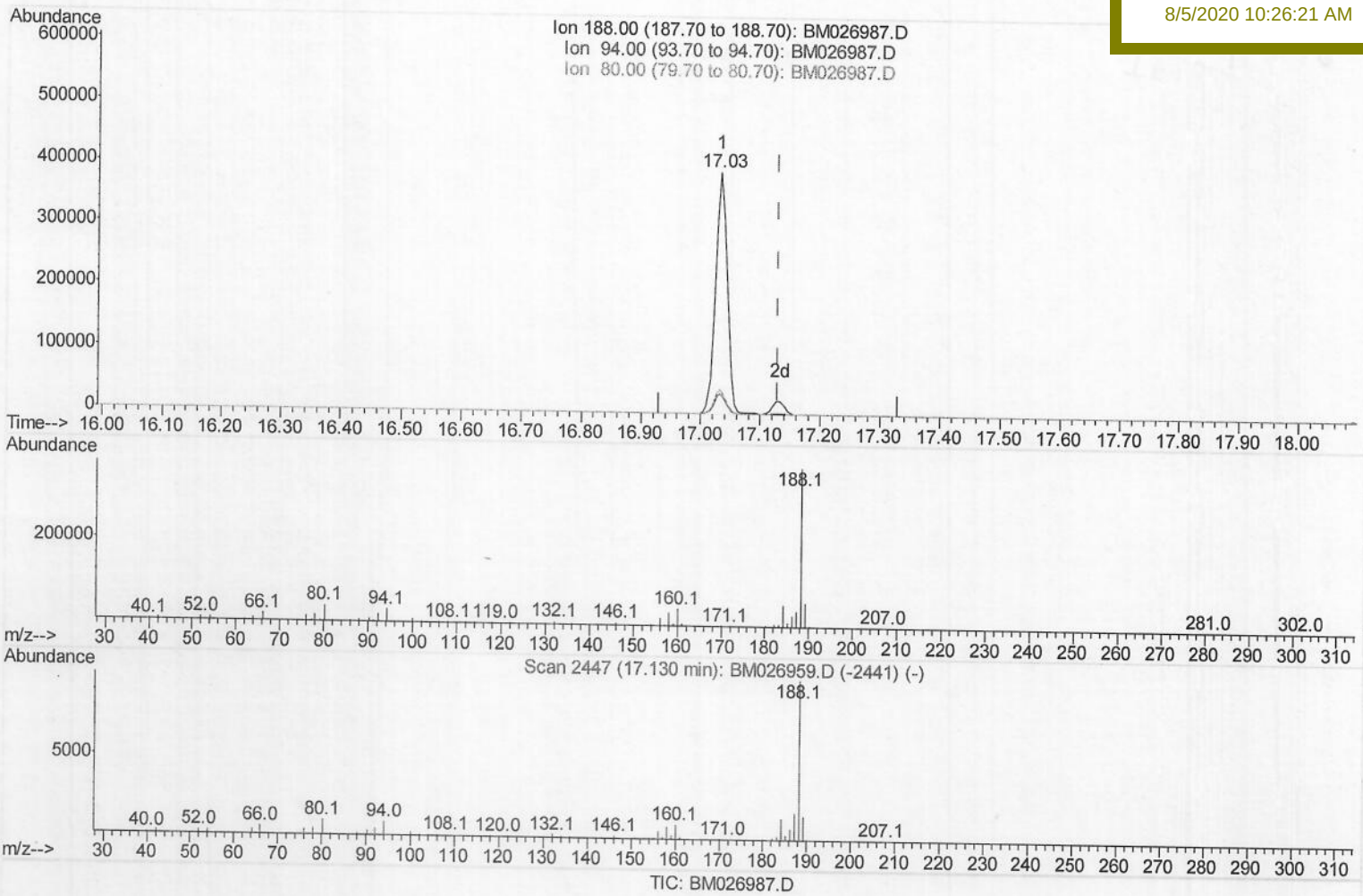
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



TIC: BM026987.D

(71) Anthracene-d10 (S)

17.033min (-0.097) 20.01ng/ul

response 531832

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.01
80.00	9.90	9.93
0.00	0.00	0.00

Quantitation Report (Qedit)

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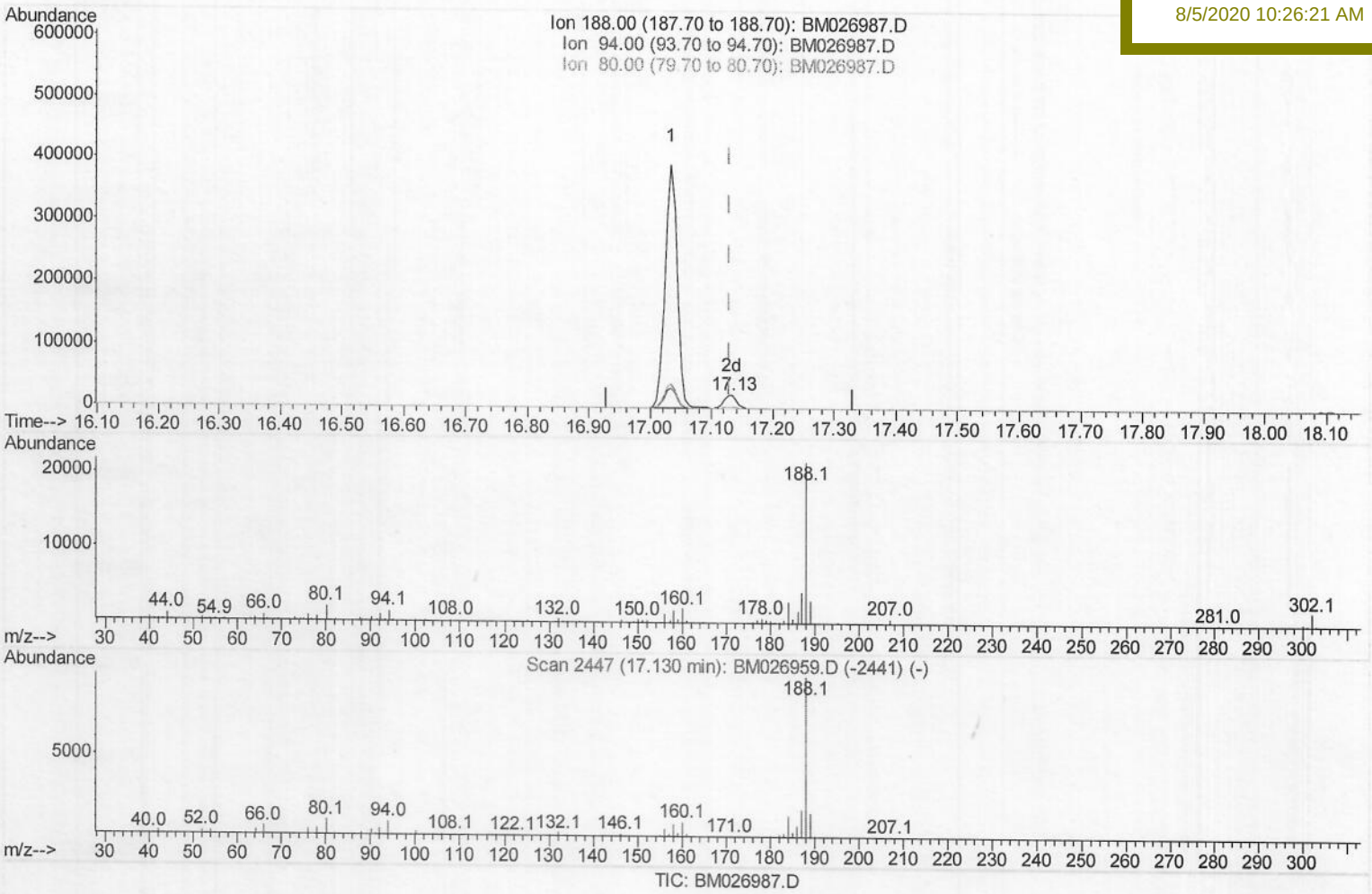
Instrument :
BNA_M
ClientSampleId :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



TIC: BM026987.D

(71) Anthracene-d10 (S)

17.133min (+0.003) 1.18ng/ul m -> 08/05/2020 JU

response 31350

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	7.15#
80.00	9.90	9.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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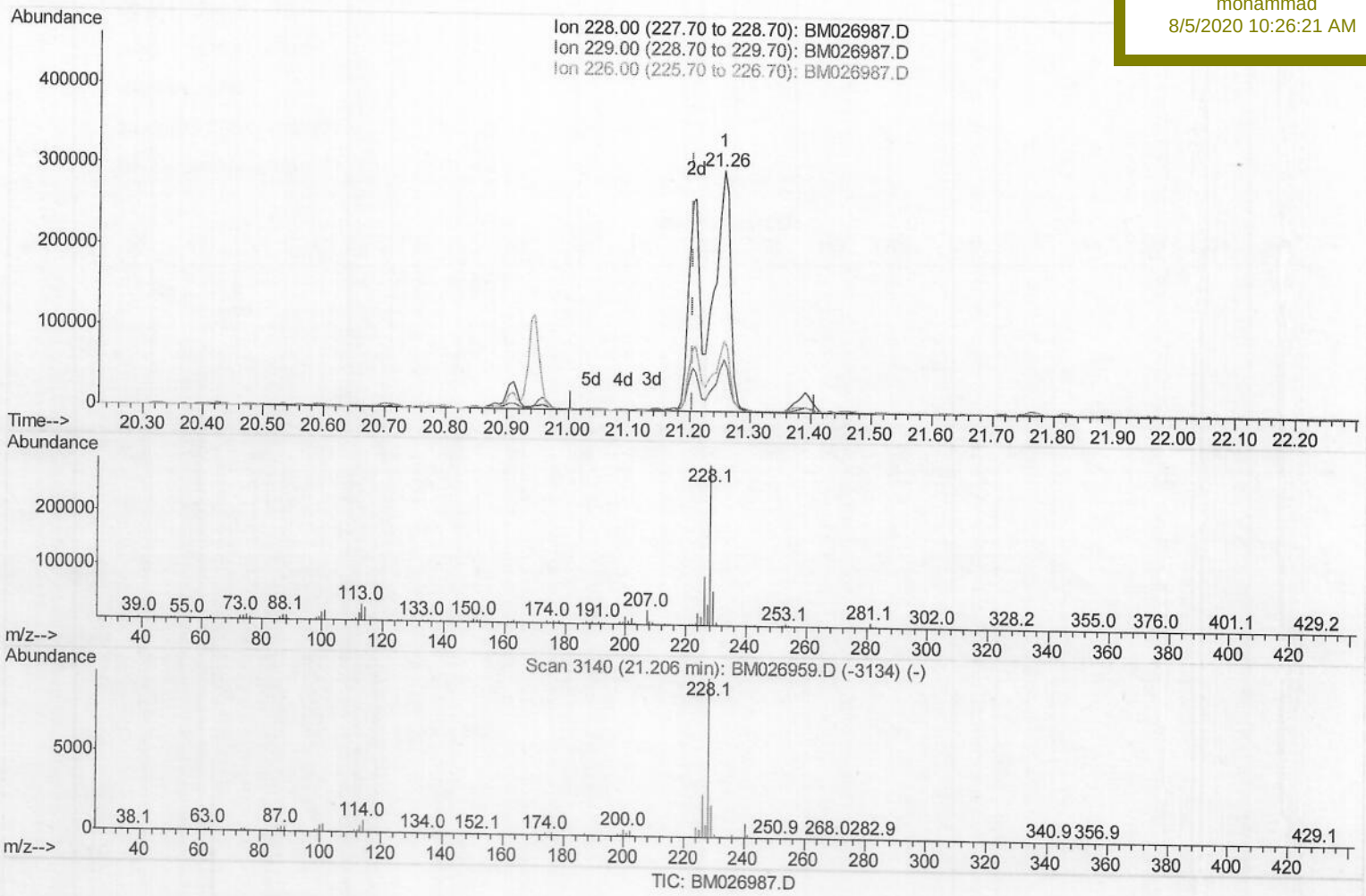
Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
Operator : JU/CG
Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 02:37:20 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 :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



TIC: BM026987.D

(83) Benzo(a)anthracene

21.256min (+0.050) 14.10ng/ul

response 500958

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.62
226.00	26.10	29.97
0.00	0.00	0.00

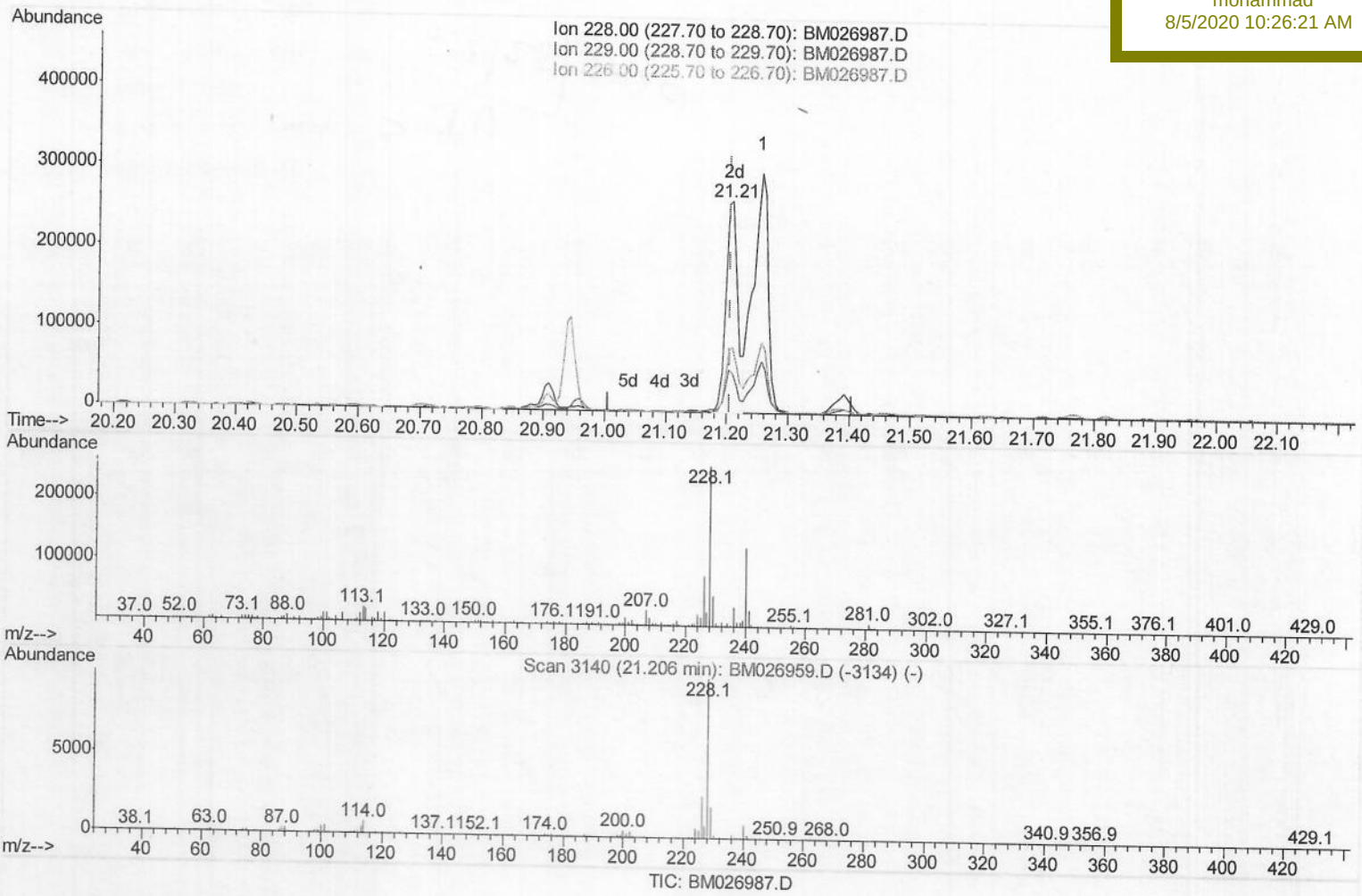
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
Operator : JU/CG
Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 02:37:20 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 :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



(83) Benzo(a)anthracene

21.209min (+0.003) 10.37ng/ul m -> 08/05/2020 JU

response 368589

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	19.00
226.00	26.10	31.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM026987.D
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Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 02:37:20 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
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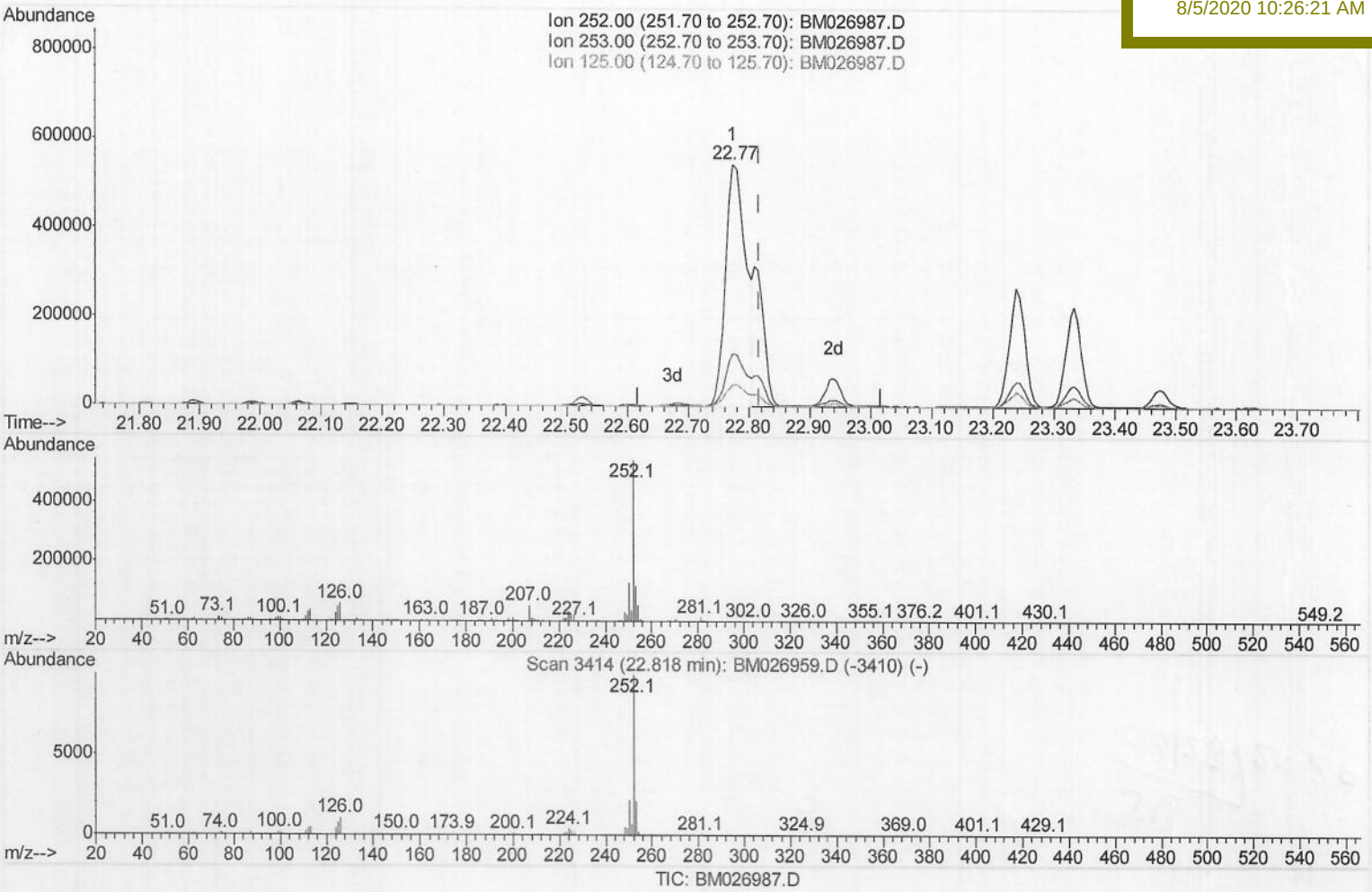
BNA_M
ClientSampleId :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



TIC: BM026987.D

(89) Benzo(k)fluoranthene

22.774min (-0.044) 36.25ng/ul

response 1259249

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.88
125.00	9.10	8.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 03 Aug 2020 20:26
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Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 02:37:20 2020
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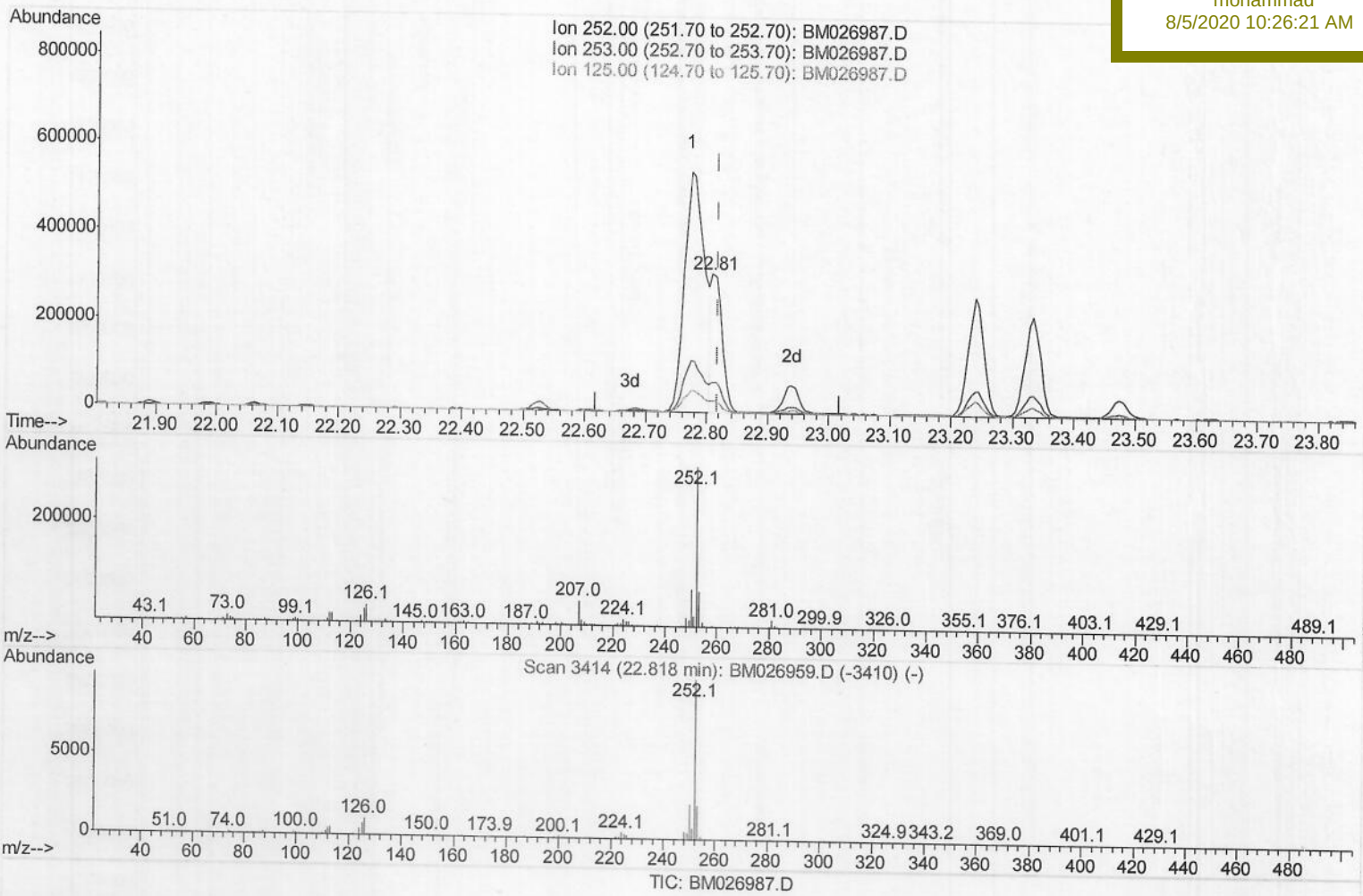
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



TIC: BM026987.D

(89) Benzo(k)fluoranthene

22.809min (-0.009) 11.24ng/ul m -> 08/05/2020 JV

response 390545

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.24
125.00	9.10	8.59
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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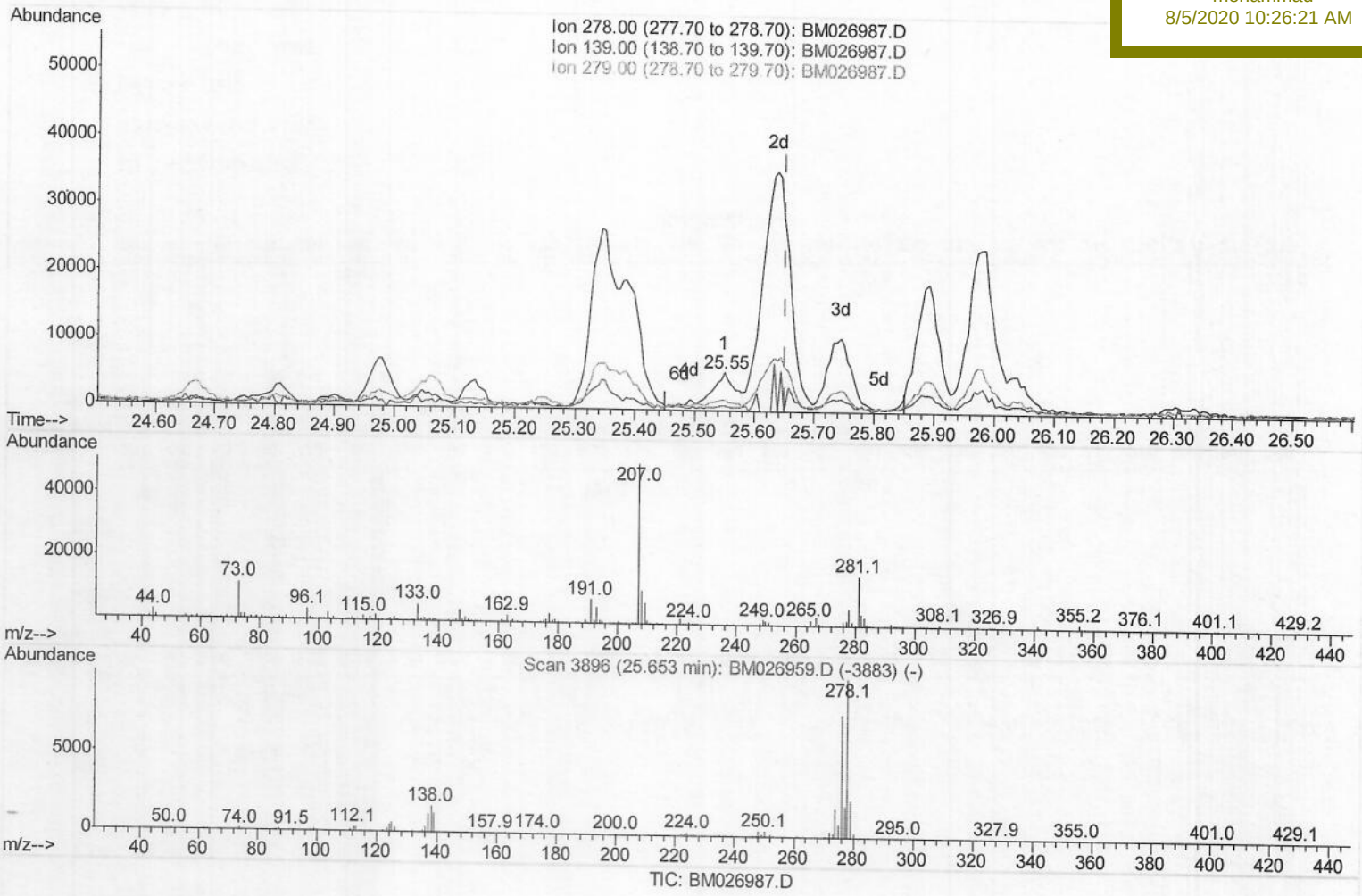
BNA_M
ClientSampleId :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



TIC: BM026987.D

(93) Dibenzo(a,h)anthracene

25.550min (-0.103) 0.36ng/ul

response 12468

Ion	Exp%	Act%
278.00	100	100
139.00	13.60	13.69
279.00	24.30	28.07
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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QLast Update : Mon Aug 03 10:21:18 2020
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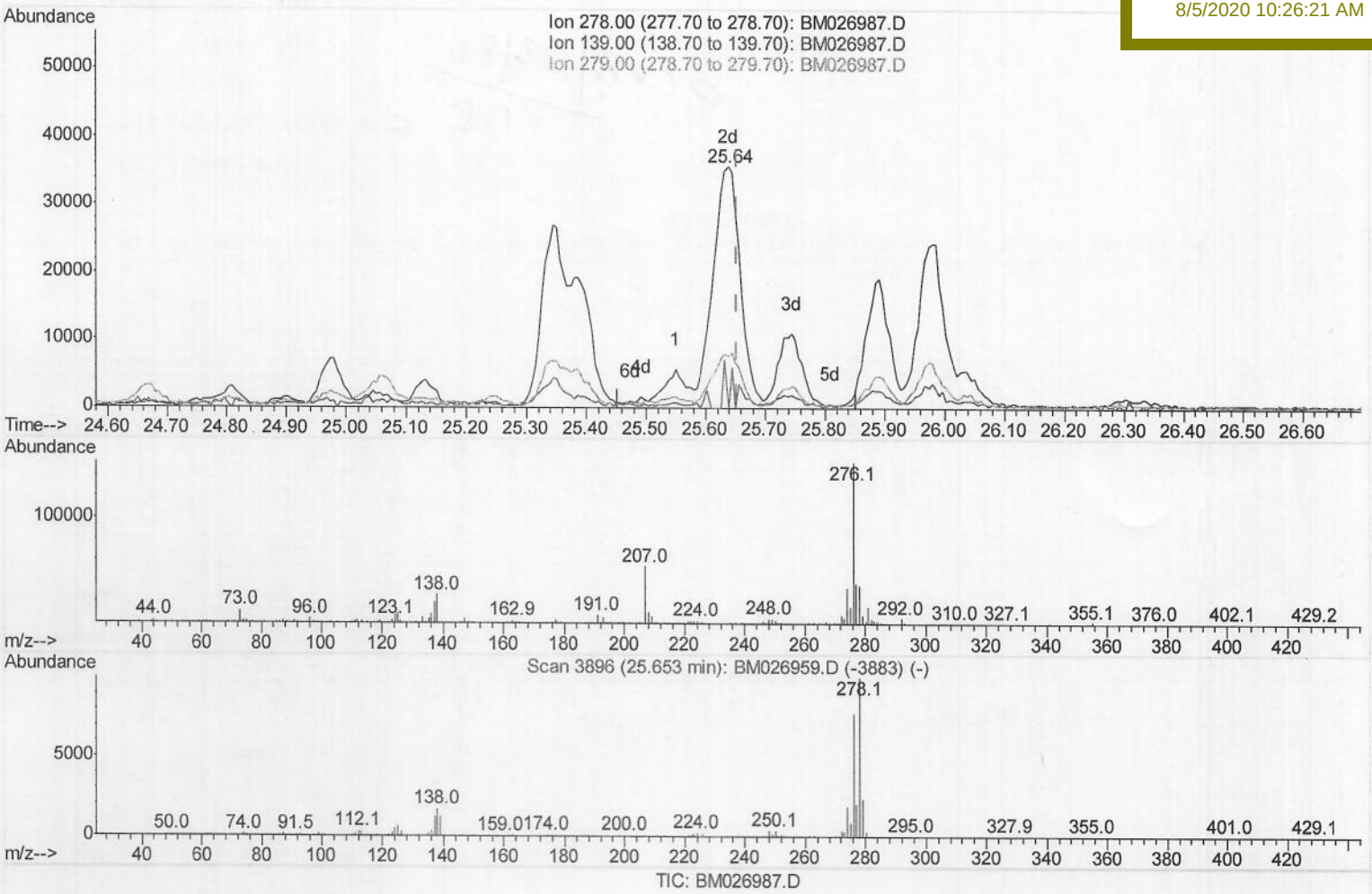
BNA_M
ClientSampleId :
C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM



TIC: BM026987.D

(93) Dibenzo(a,h)anthracene

25.638min (-0.014) 3.23ng/ul m -> 08/05/2020 JU

response 110691

Ion	Exp%	Act%
278.00	100	100
139.00	13.60	0.00#
279.00	24.30	21.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 03 Aug 2020 20:26
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Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 04:40:03 2020
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Manual Integrations APPROVED
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8/5/2020 10:26:21 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	106852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	433775	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	256775	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	531832	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	515532	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	505992	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	353m ->	0.15	ng/uL	0.01
5) Phenol-d5	6.83	99	8921	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	6415	1.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	6780	0.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	7535	1.05	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3380	1.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	3442	1.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	6571	0.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	2209	0.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	20832	1.03	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	26454	1.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1760	0.52	ng/ul	0.00
58) Fluorene-d10	15.29	176	18059	1.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1399	0.59	ng/ul	0.00
71) Anthracene-d10	17.13	188	31350m ->	1.18	ng/ul	0.00
79) Pyrene-d10	19.43	212	31100	1.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	31878	1.12	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.01	152	72551	2.787	ng/ul	98
70) Phenanthrene	17.07	178	67127	2.079	ng/ul	98
72) Anthracene	17.16	178	184846	5.571	ng/ul	97
75) Carbazole	17.43	167	30060	1.025	ng/ul	96
77) Fluoranthene	19.09	202	516776	13.558	ng/ul	99
80) Pyrene	19.46	202	715466	19.075	ng/ul	97
83) Benzo(a)anthracene	21.21	228	368589m ->	10.373	ng/ul	
85) Chrysene	21.26	228	500981	14.458	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	1259249	34.789	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	390545m ->	11.244	ng/ul	
91) Benzo(a)pyrene	23.33	252	403350	12.349	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.63	276	418415	10.326	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.64	278	110691m ->	3.230	ng/ul	
94) Benzo(g,h,i)perylene	26.30	276	118113	3.525	ng/ul	98

08/05/2020 JU

08/05/2020 JU

08/05/2020 JU

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