Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063020\
Data File : BM026617.D
Acq On : 30 Jun 2020 10:33
Operator : JU/CG
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 30 11:11:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 30 10:35:23 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04006

Manual Integrations APPROVED
mohammad
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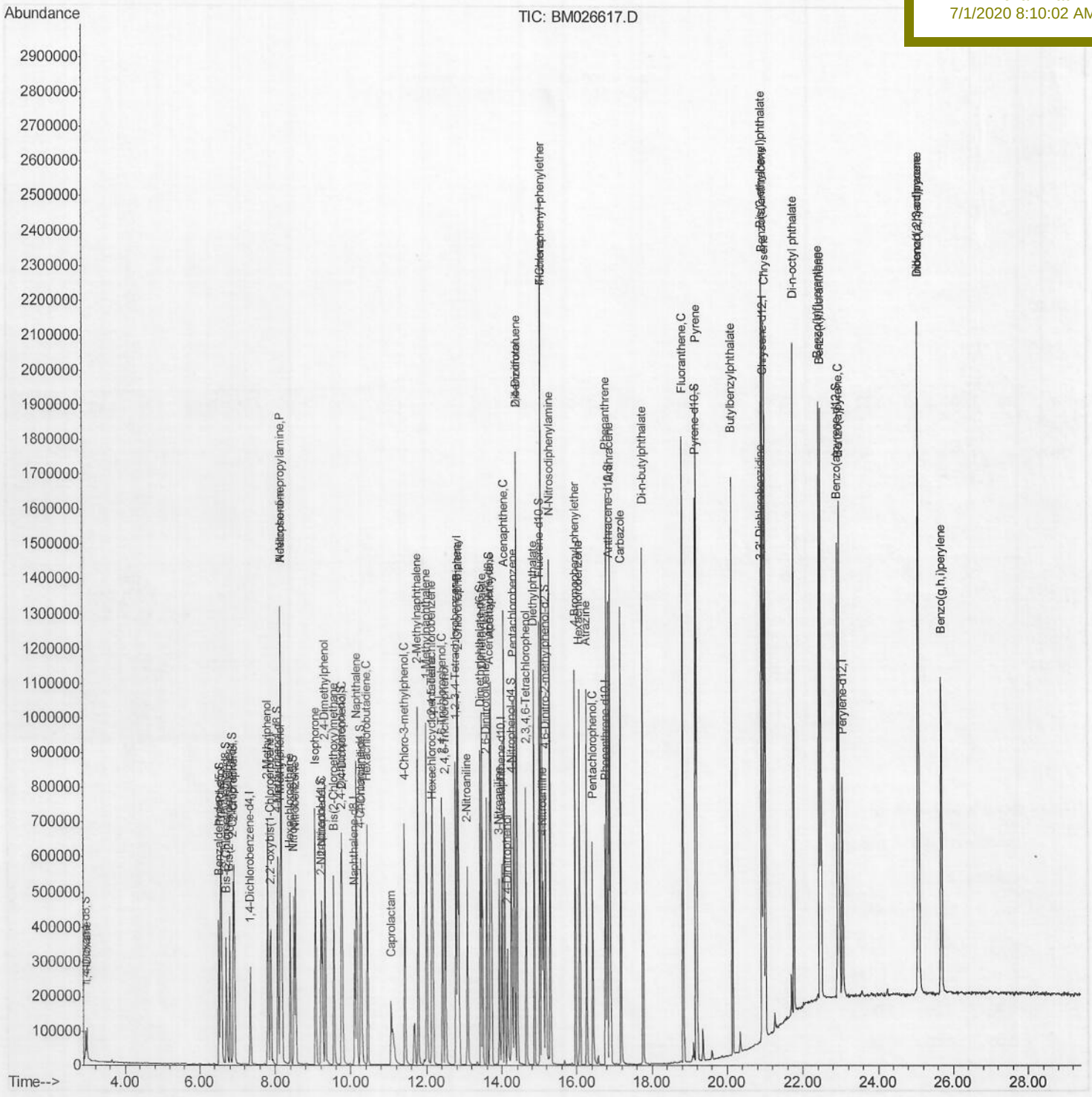

Quantitation Report (Qedit)

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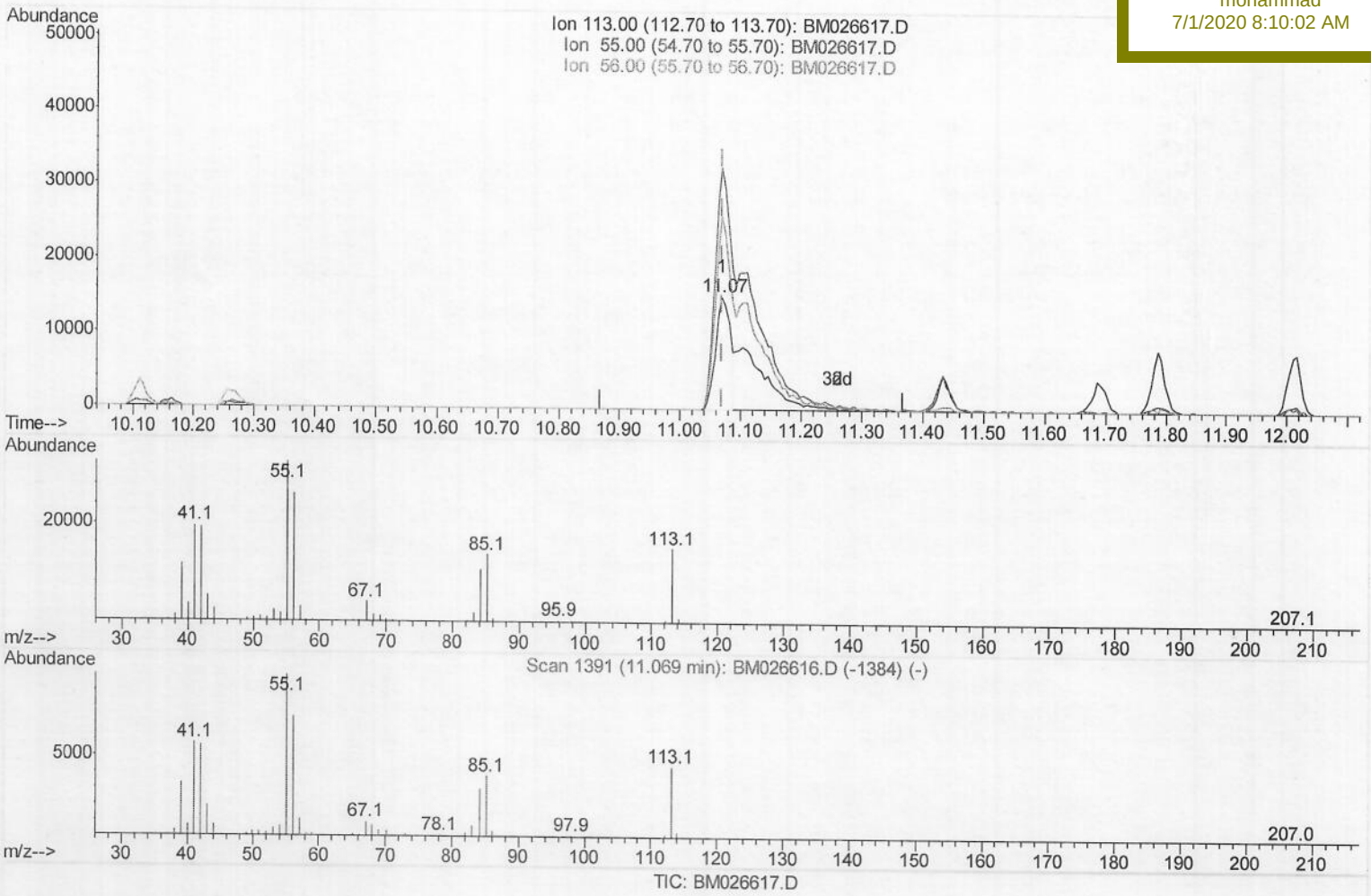

TIC: BM026617.D

(32) Caprolactam

11.069min (+0.000) 16.37ng/ul

response 25540

Ion	Exp%	Act%
113.00	100	100
55.00	224.90	214.58
56.00	168.60	172.06
0.00	0.00	0.00

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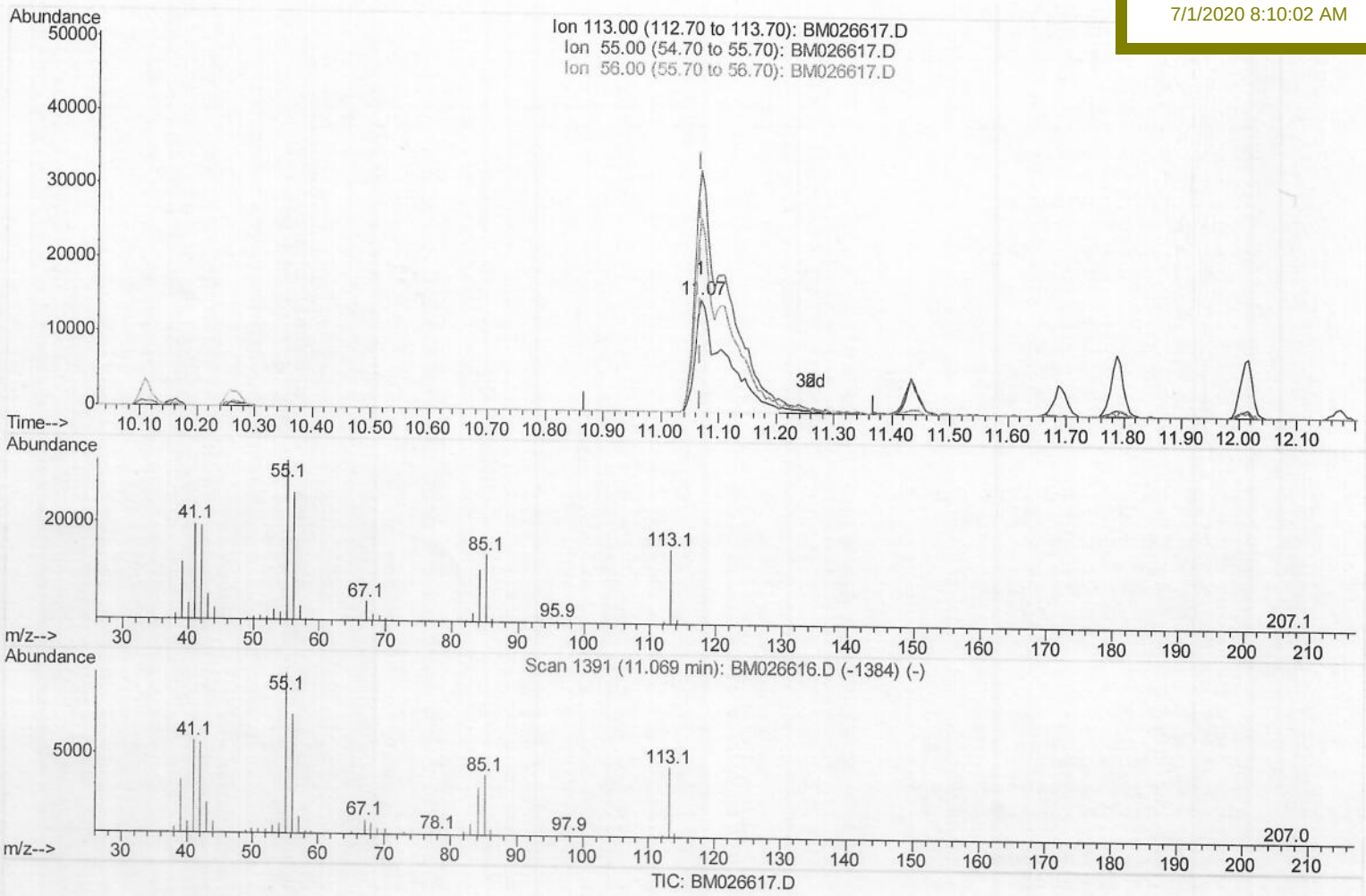

TIC: BM026617.D

(32) Caprolactam

11.069min (+0.000) 35.12ng/ul m JV 07/02/20

response 54780

Ion	Exp%	Act%
113.00	100	100
55.00	224.90	214.58
56.00	168.60	172.06
0.00	0.00	0.00

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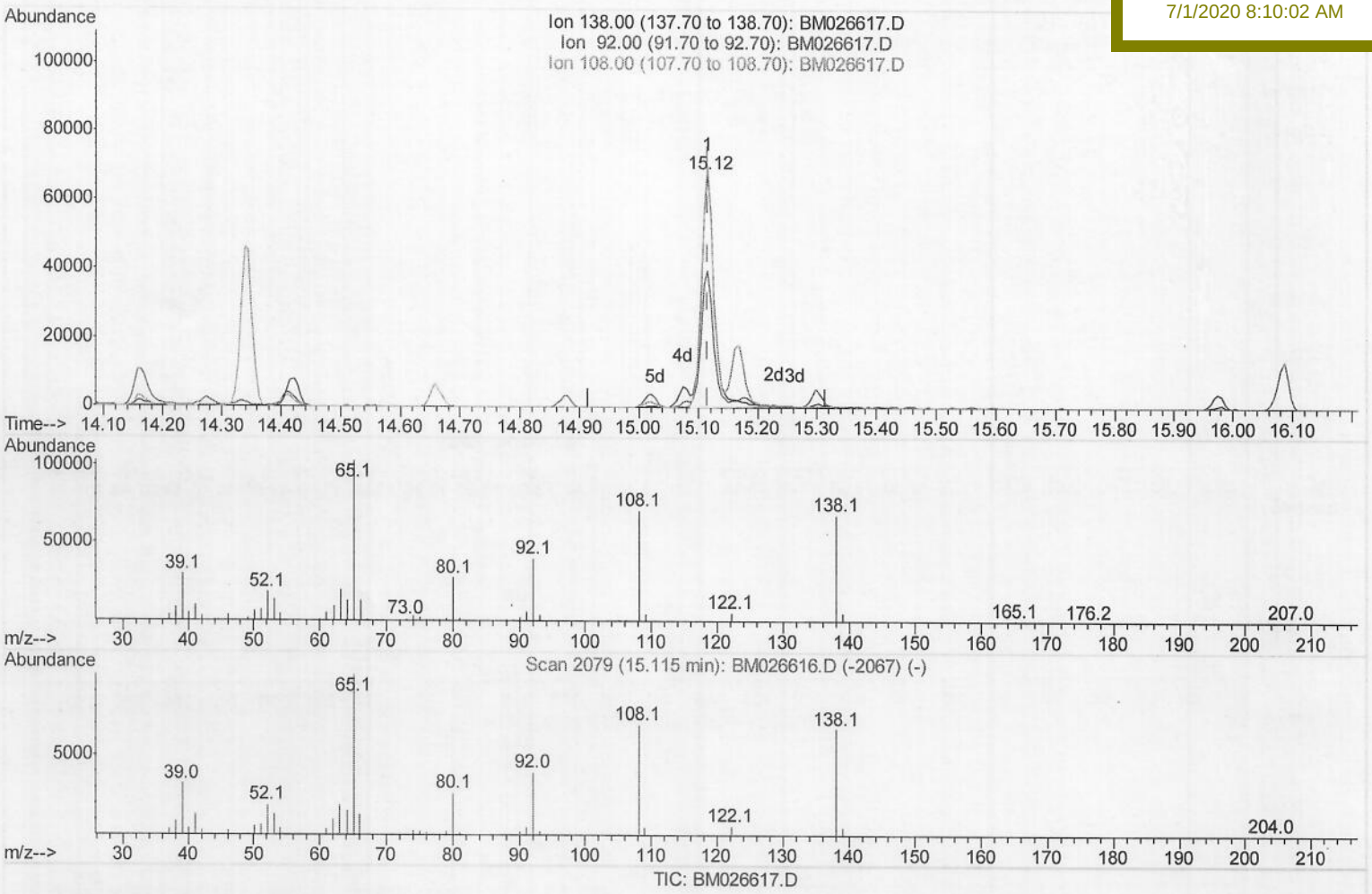

TIC: BM026617.D

(61) 4-Nitroaniline

15.115min (+0.000) 32.81ng/ul

response 103185

Ion	Exp%	Act%
138.00	100	100
92.00	59.60	58.75
108.00	103.20	104.26
0.00	0.00	0.00

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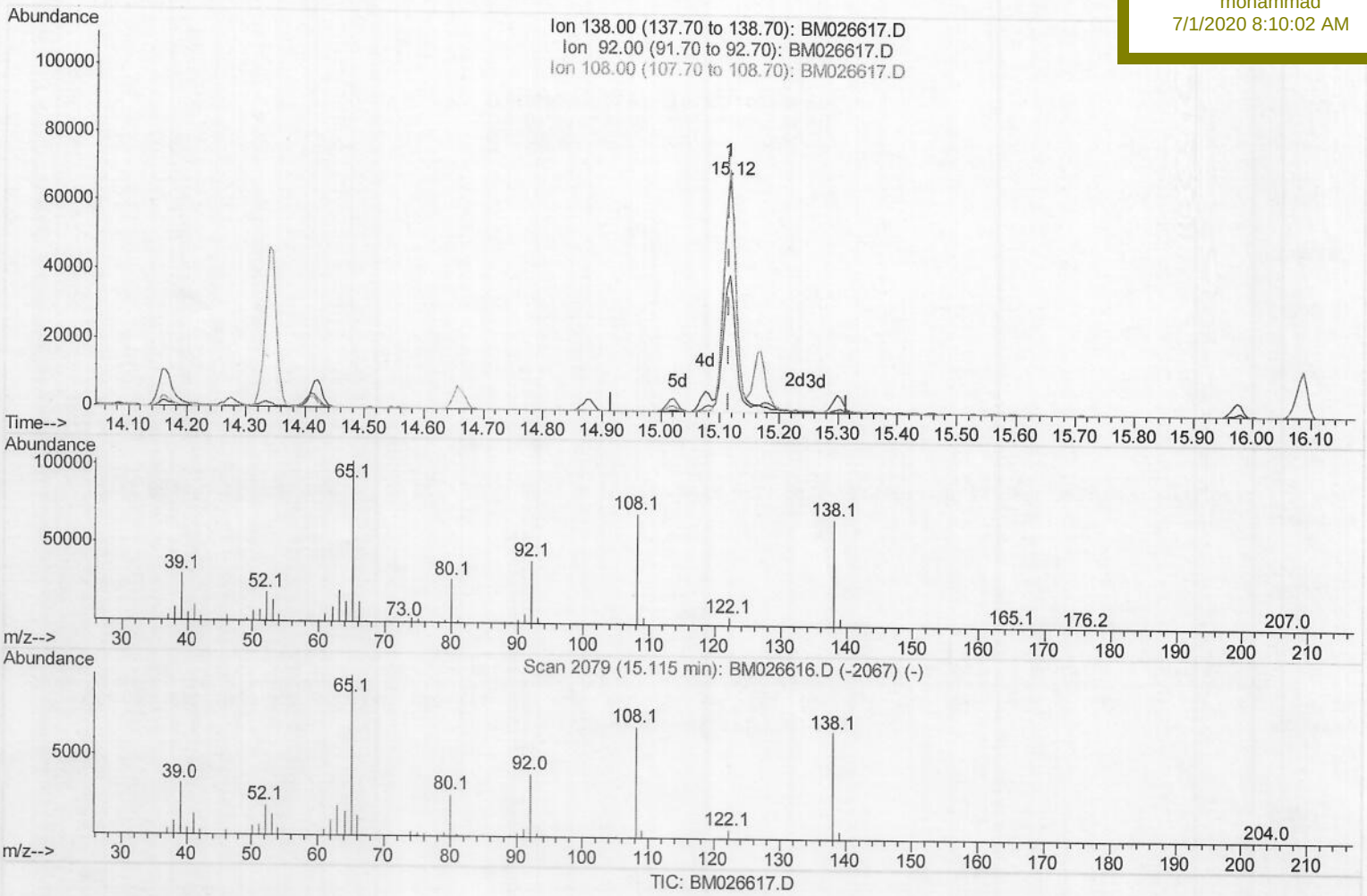

TIC: BM026617.D

(61) 4-Nitroaniline

15.115min (+0.000) 35.02ng/ul m SV 07/02/20

response 110127

Ion	Exp%	Act%
138.00	100	100
92.00	59.60	58.75
108.00	103.20	104.26
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	62864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	273382	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	169956	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	362066	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	368801	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	384599	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	31311	17.47	ng/uL	0.00
5) Phenol-d5	6.56	99	230989	39.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	156899	42.83	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	176688	37.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	183782	40.32	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	86471	35.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	93695	35.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	177494	36.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	210640	41.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	512801	35.88	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	635452	37.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	87239	36.81	ng/ul	0.00
58) Fluorene-d10	15.02	176	448820	36.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	93972	39.66	ng/ul	0.00
71) Anthracene-d10	16.87	188	682674	37.04	ng/ul	0.00
79) Pyrene-d10	19.18	212	744705	36.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	805786	37.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	33851	17.033	ng/uL	94
4) Benzaldehyde	6.52	77	134052	40.292	ng/ul	99
6) Phenol	6.59	94	256763	40.487	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.80	93	191869	40.426	ng/ul	98
10) 2-Chlorophenol	6.93	128	189374	37.410	ng/ul	97
11) 2-Methylphenol	7.82	108	180497	39.160	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.90	45	377294	46.571	ng/ul	99
14) Acetophenone	8.18	105	306265	40.937	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.17	70	182584	40.845	ng/ul	96
16) 4-Methylphenol	8.15	108	201635	40.393	ng/ul	91
17) Hexachloroethane	8.41	117	84069	39.102	ng/ul	97
20) Nitrobenzene	8.55	77	259778	39.311	ng/ul	98
21) Isophorone	9.07	82	447017	36.562	ng/ul	100
23) 2-Nitrophenol	9.25	139	108270	36.395	ng/ul	95
24) 2,4-Dimethylphenol	9.33	107	238108	38.068	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.56	93	261605	36.919	ng/ul	98
27) 2,4-Dichlorophenol	9.78	162	184038	37.105	ng/ul	97
28) Naphthalene	10.16	128	603388	36.296	ng/ul	100
30) 4-Chloroaniline	10.29	127	219507	41.300	ng/ul	98
31) Hexachlorobutadiene	10.45	225	125840	38.403	ng/ul	99
32) Caprolactam	11.07	113	54780m	35.121	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	213961	37.102	ng/ul	99
34) 2-Methylnaphthalene	11.79	142	430326	36.832	ng/ul	99

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Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD04006

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.01	142	399459	36.778 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	230437	37.108 ng/ul	99
38) Hexachlorocyclopentadiene	12.15	237	125379	40.406 ng/ul	99
39) 2,4,6-Trichlorophenol	12.43	196	146354	36.435 ng/ul	96
40) 2,4,5-Trichlorophenol	12.50	196	155418	35.858 ng/ul	94
41) 1,1'-Biphenyl	12.83	154	549066	36.405 ng/ul	99
42) 2-Chloronaphthalene	12.87	162	435458	37.522 ng/ul	99
43) 2-Nitroaniline	13.10	65	163504	39.096 ng/ul	98
45) Dimethylphthalate	13.49	163	535044	36.054 ng/ul	99
46) 2,6-Dinitrotoluene	13.61	165	112762	36.548 ng/ul	100
48) Acenaphthylene	13.73	152	666471	36.498 ng/ul	99
49) 3-Nitroaniline	13.94	138	98552	35.579 ng/ul	96
50) Acenaphthene	14.08	153	460357	36.536 ng/ul	98
51) 2,4-Dinitrophenol	14.16	184	61363	38.930 ng/ul	97
53) 4-Nitrophenol	14.27	109	88499	42.774 ng/ul	95
54) Dibenzofuran	14.42	168	660639	37.138 ng/ul	98
55) 2,4-Dinitrotoluene	14.41	165	167571	37.498 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.66	232	137852	37.239 ng/ul	97
57) Diethylphthalate	14.87	149	549390	36.611 ng/ul	99
59) Fluorene	15.07	166	545303	37.139 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.08	204	276239	37.201 ng/ul	97
61) 4-Nitroaniline	15.12	138	110127m	35.022 ng/ul	) JV 07/02/20
64) 4,6-Dinitro-2-methylphenol	15.18	198	95876	39.379 ng/ul	98
65) N-Nitrosodiphenylamine	15.30	169	466854	37.531 ng/ul	100
66) 4-Bromophenyl-phenylether	15.97	248	165961	36.539 ng/ul	98
67) Hexachlorobenzene	16.09	284	187769	36.949 ng/ul	96
68) Atrazine	16.27	200	164990	38.921 ng/ul	98
69) Pentachlorophenol	16.44	266	101486	41.776 ng/ul	100
70) Phenanthrene	16.82	178	840275	37.002 ng/ul	99
72) Anthracene	16.90	178	867255	37.260 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	230694	37.639 ng/uL	100
74) Pentachlorobenzene	14.34	250	222981	37.850 ng/uL	99
75) Carbazole	17.19	167	749642	38.758 ng/ul	99
76) Di-n-butylphthalate	17.77	149	902379	35.646 ng/ul	99
77) Fluoranthene	18.84	202	966355	38.952 ng/ul	99
80) Pyrene	19.21	202	1012271	37.333 ng/ul	99
81) Butylbenzylphthalate	20.14	149	393808	34.115 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.92	252	312440	36.671 ng/ul	99
83) Benzo(a)anthracene	20.97	228	968556	36.866 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.94	149	592774	33.994 ng/ul	100
85) Chrysene	21.03	228	942201	36.943 ng/ul	99
87) Di-n-octyl phthalate	21.78	149	979555	35.481 ng/ul	100
88) Benzo(b)fluoranthene	22.46	252	1013859	38.440 ng/ul	99
89) Benzo(k)fluoranthene	22.50	252	968763	38.186 ng/ul	99
91) Benzo(a)pyrene	22.98	252	892610	38.417 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.09	276	1162867	38.183 ng/ul	99
93) Dibenzo(a,h)anthracene	25.10	278	986980	38.838 ng/ul	99
94) Benzo(g,h,i)perylene	25.70	276	960582	37.758 ng/ul	99

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7/1/2020 8:10:02 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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