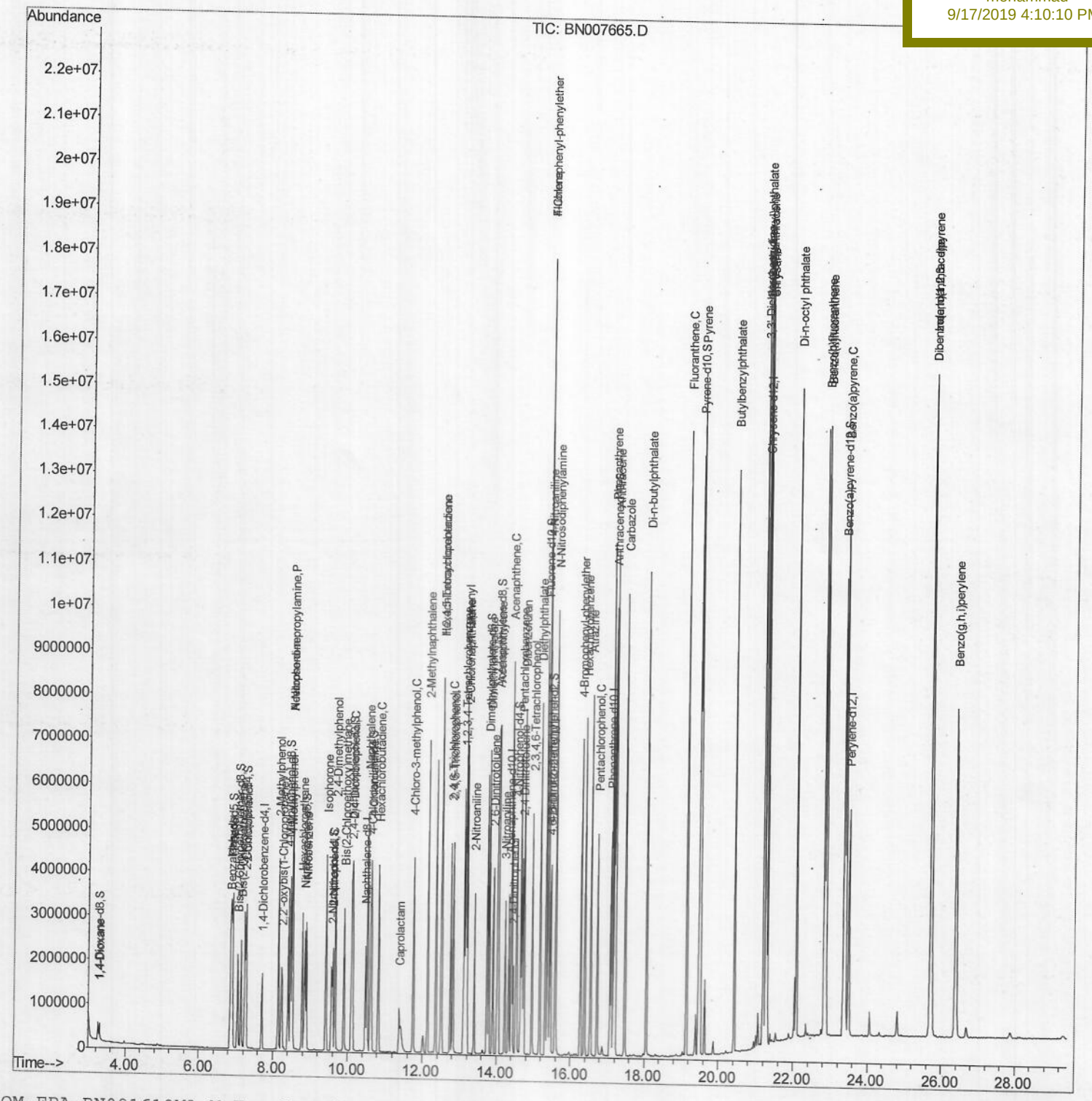
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007665.D
Acq On : 16 Sep 2019 14:15
Operator : HP/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 16:21:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 14:07:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:10 PM



Quantitation Report (Qedit)

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Data File : BN007665.D
Acq On : 16 Sep 2019 14:15
Operator : HP/JU
Sample : SSTD04004
Misc :
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Quant Time: Sep 16 15:16:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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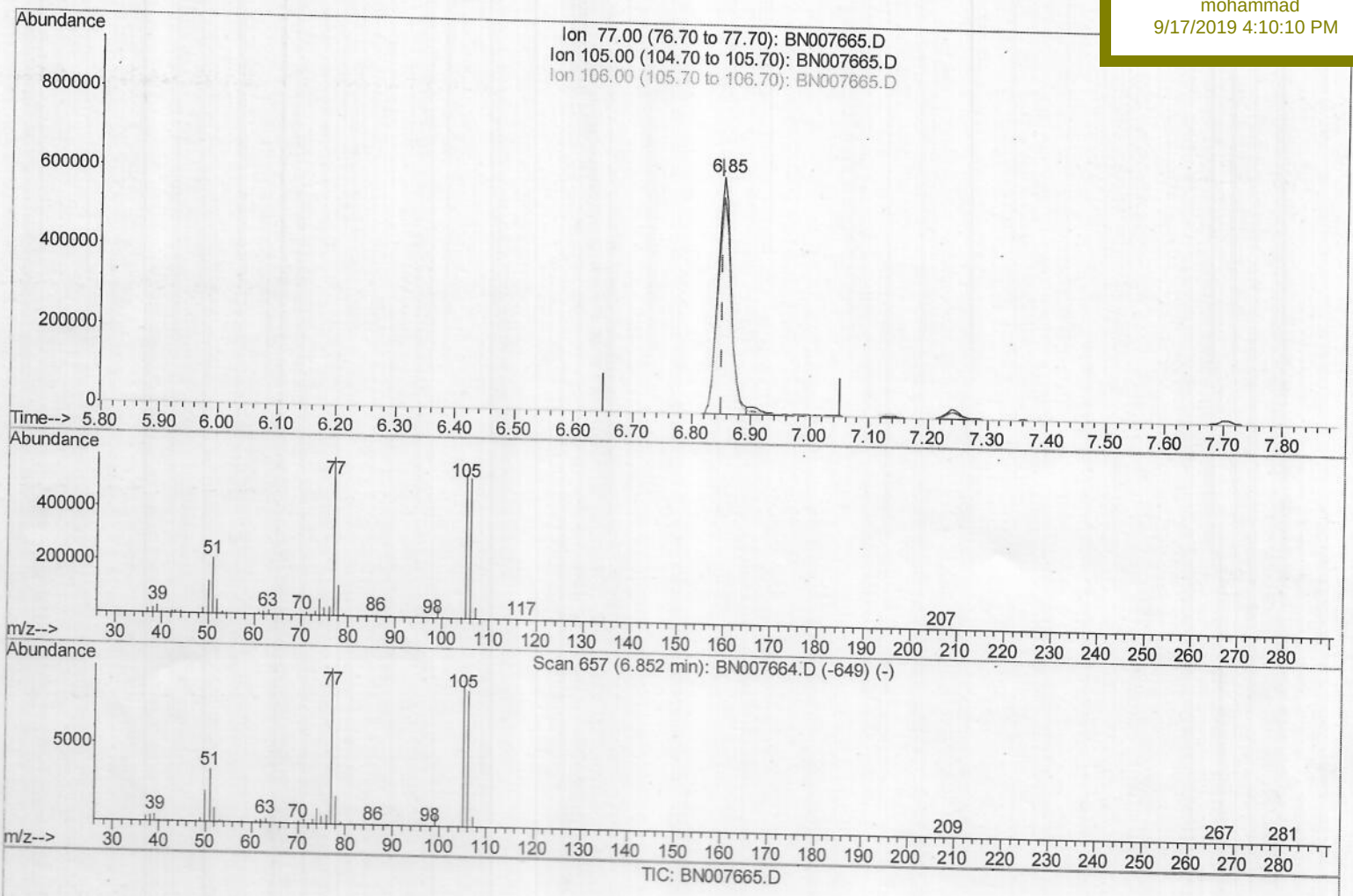

TIC: BN007665.D

(4) Benzaldehyde

6.852min (-0.000) 39.19ng/ul

response 938807

Ion	Exp%	Act%
77.00	100	100
105.00	90.30	91.36
106.00	87.00	88.40
0.00	0.00	0.00

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mohammad
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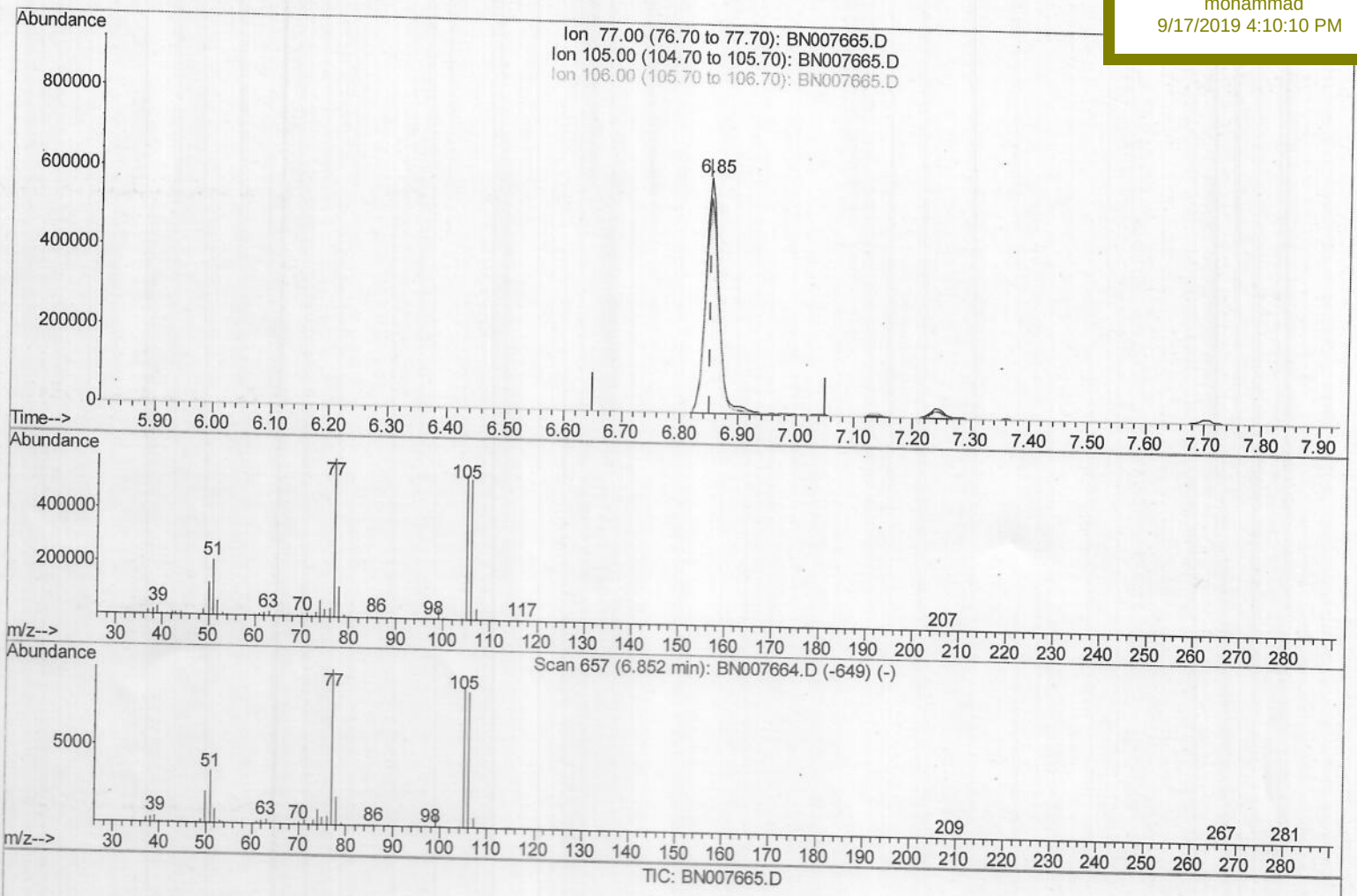

TIC: BN007665.D

(4) Benzaldehyde

6.852min (-0.000) 40.41ng/ul m JU 09/18/19

response 968048

Ion	Exp%	Act%
77.00	100	100
105.00	90.30	91.36
106.00	87.00	88.40
0.00	0.00	0.00

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Operator : HP/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 15:14:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
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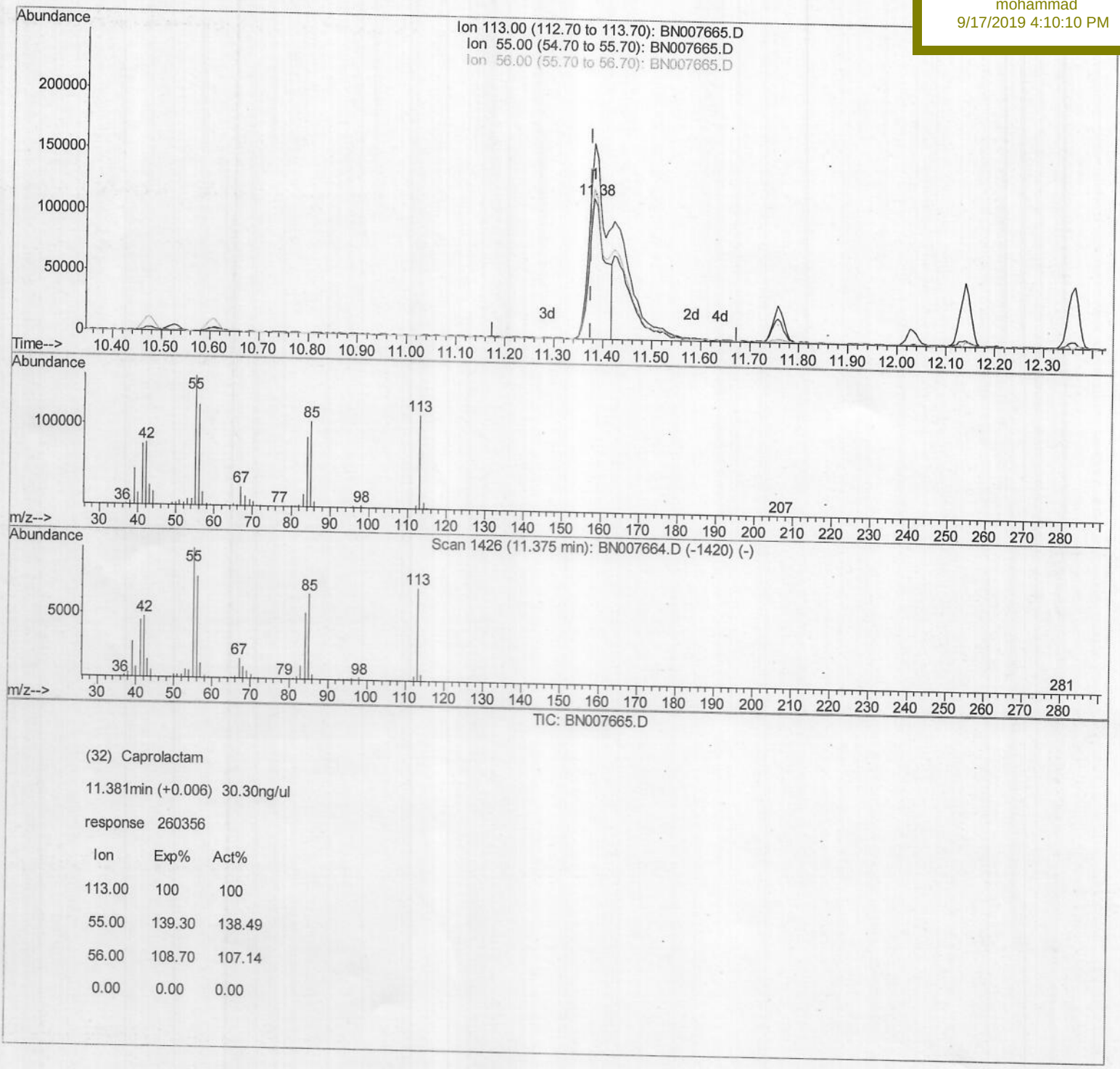
QLast Update : Mon Sep 16 14:07:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:10 PM



(32) Caprolactam

11.381min (+0.006) 30.30ng/ul

response 260356

Ion	Exp%	Act%
113.00	100	100
55.00	139.30	138.49
56.00	108.70	107.14
0.00	0.00	0.00

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BNA_N
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Manual Integrations APPROVED
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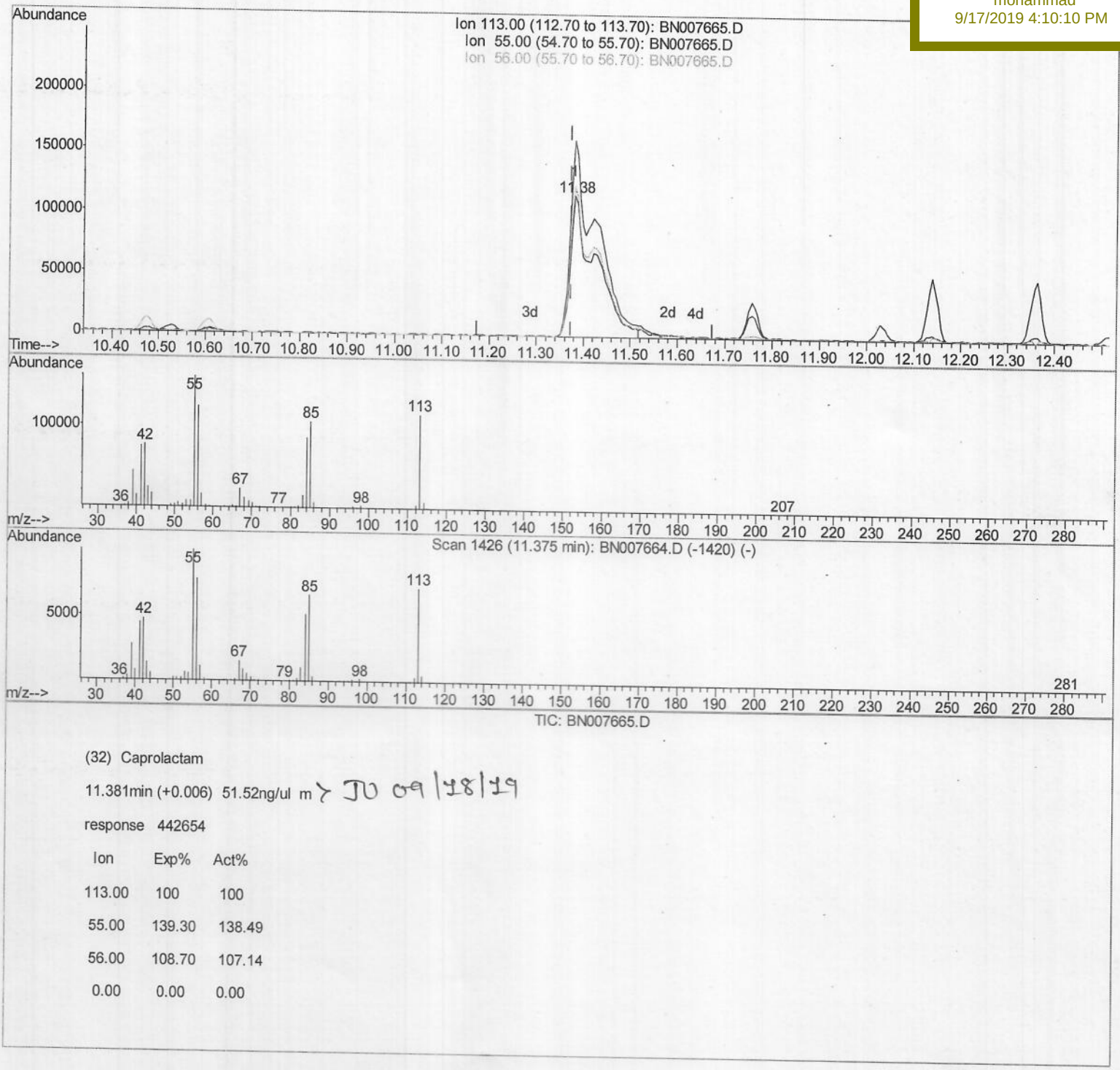

TIC: BN007665.D

(32) Caprolactam

11.381min (+0.006) 51.52ng/ul m > JU 09/18/19

response 442654

Ion	Exp%	Act%
113.00	100	100
55.00	139.30	138.49
56.00	108.70	107.14
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	7.70	152	441741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1837590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1210874	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	2716364	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	2997668	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3323561	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	205924	20.20	ng/uL	0.00
5) Phenol-d5	6.88	99	1785127	50.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	1022846	50.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	1287387	45.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	1361317	49.78	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	602724	45.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	590670	40.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1322420	50.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	1735586	55.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4104271	47.78	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	4713605	42.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	748687	49.35	ng/ul	0.00
57) Fluorene-d10	15.33	176	3507943	48.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	625619	41.16	ng/ul	0.00
70) Anthracene-d10	17.17	188	5714160	49.30	ng/ul	0.00
78) Pyrene-d10	19.47	212	6913997	47.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	7560086	51.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	215055	20.406	ng/uL	93
4) Benzaldehyde	6.85	77	968048m	40.411	ng/ul	
6) Phenol	6.90	94	1967594	54.544	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	1414114	50.512	ng/ul	98
10) 2-Chlorophenol	7.28	128	1383206	47.770	ng/ul	99
11) 2-Methylphenol	8.14	108	1394259	51.513	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1519959	40.628	ng/ul	99
14) Acetophenone	8.52	105	2229631	53.893	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	1236172	56.384	ng/ul	98
16) 4-Methylphenol	8.47	108	1530486	52.632	ng/ul	100
17) Hexachloroethane	8.77	117	577768	47.449	ng/ul	97
20) Nitrobenzene	8.89	77	1742340	56.164	ng/ul	99
21) Isophorone	9.41	82	3370871	56.386	ng/ul	100
23) 2-Nitrophenol	9.59	139	690732	44.946	ng/ul	98
24) 2,4-Dimethylphenol	9.66	107	1694964	54.319	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.90	93	1941200	52.750	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	1336296	52.134	ng/ul	96
28) Naphthalene	10.53	128	4368751	50.412	ng/ul	99
30) 4-Chloroaniline	10.63	127	1851671	58.789	ng/ul	100
31) Hexachlorobutadiene	10.82	225	928587	56.669	ng/ul	98
32) Caprolactam	11.38	113	442654m	51.519	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	1577311	56.541	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	3171214	52.495	ng/ul	100

JU
09/18/19

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	1813781	50.039	ng/ul	97
37) Hexachlorocyclopentadiene	12.50	237	1145928	55.359	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	1086742	46.856	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	1199315	48.485	ng/ul	98
40) 1,1'-Biphenyl	13.16	154	4150402	45.631	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	3236182	46.019	ng/ul	99
42) 2-Nitroaniline	13.40	65	983302	48.123	ng/ul	95
44) Dimethylphthalate	13.79	163	4151680	48.728	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	846212	48.914	ng/ul	94
47) Acenaphthylene	14.05	152	5025442	46.028	ng/ul	100
48) 3-Nitroaniline	14.23	138	783839	46.351	ng/ul	99
49) Acenaphthene	14.39	153	3446671	46.914	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	411241	44.861	ng/ul	96
52) 4-Nitrophenol	14.54	109	619667	53.877	ng/ul	97
53) Dibenzofuran	14.73	168	5010233	48.328	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	1261366	51.936	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.96	232	1064674	52.236	ng/ul	99
56) Diethylphthalate	15.17	149	4207683	49.312	ng/ul	100
58) Fluorene	15.38	166	4028674	49.637	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	2153569	53.224	ng/ul	99
60) 4-Nitroaniline	15.40	138	856219	43.236	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.46	198	707087	44.824	ng/ul#	97
64) N-Nitrosodiphenylamine	15.59	169	3616934	47.883	ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	1393686	52.239	ng/ul	96
66) Hexachlorobenzene	16.39	284	1494443	51.005	ng/ul	100
67) Atrazine	16.55	200	1449177	53.476	ng/ul	99
68) Pentachlorophenol	16.73	266	845121	50.722	ng/ul	97
69) Phenanthrene	17.12	178	6772049	50.836	ng/ul	99
71) Anthracene	17.21	178	6924734	50.866	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	1828418	46.839	ng/uL	98
73) Pentachlorobenzene	14.66	250	1777949	51.000	ng/uL	98
74) Carbazole	17.47	167	6286670	51.697	ng/ul	98
75) Di-n-butylphthalate	18.06	149	7298341	47.183	ng/ul	99
76) Fluoranthene	19.14	202	8650804	57.943	ng/ul	99
79) Pyrene	19.50	202	8786120	47.675	ng/ul	98
80) Butylbenzylphthalate	20.42	149	3521186	40.826	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.19	252	3370602	53.798	ng/ul	97
82) Benzo(a)anthracene	21.26	228	9226192	50.062	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.21	149	5326513	42.773	ng/ul#	96
84) Chrysene	21.31	228	8730344	49.425	ng/ul	98
86) Di-n-octyl phthalate	22.09	149	8923035	44.497	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	9349800	52.772	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	9086128	52.389	ng/ul	98
90) Benzo(a)pyrene	23.40	252	9091684	53.080	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.72	276	10536953	50.457	ng/ul	98
92) Dibenzo(a,h)anthracene	25.73	278	8801333	49.975	ng/ul	97
93) Benzo(g,h,i)perylene	26.39	276	8690771	48.958	ng/ul	100

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