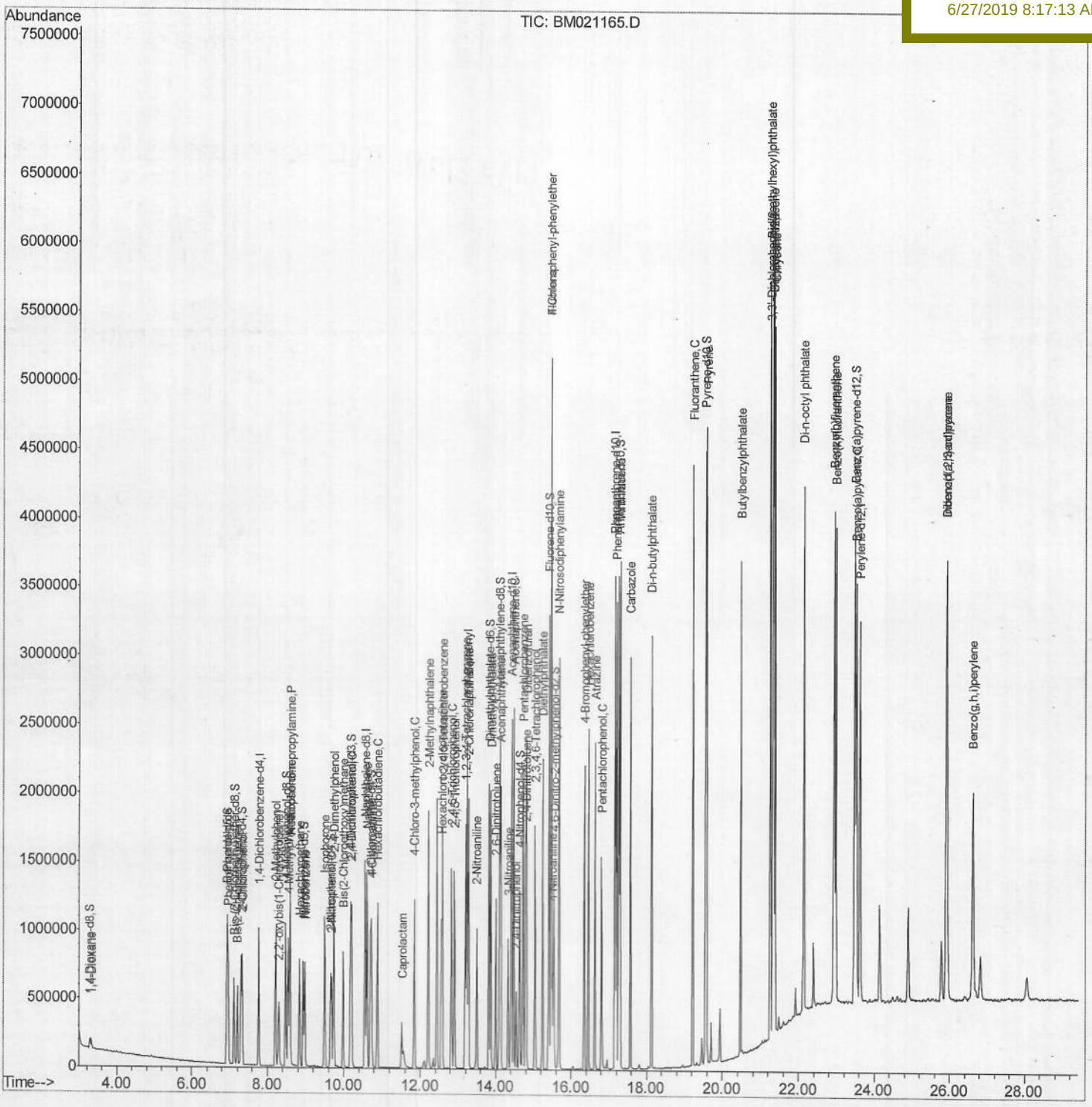
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062519\
Data File : BM021165.D
Acq On : 25 Jun 2019 17:26
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 18:00:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 24 07:41:31 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02042

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:13 AM



Quantitation Report (Qedit)

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Acq On : 25 Jun 2019 17:26
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Quant Time: Jun 25 17:58:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
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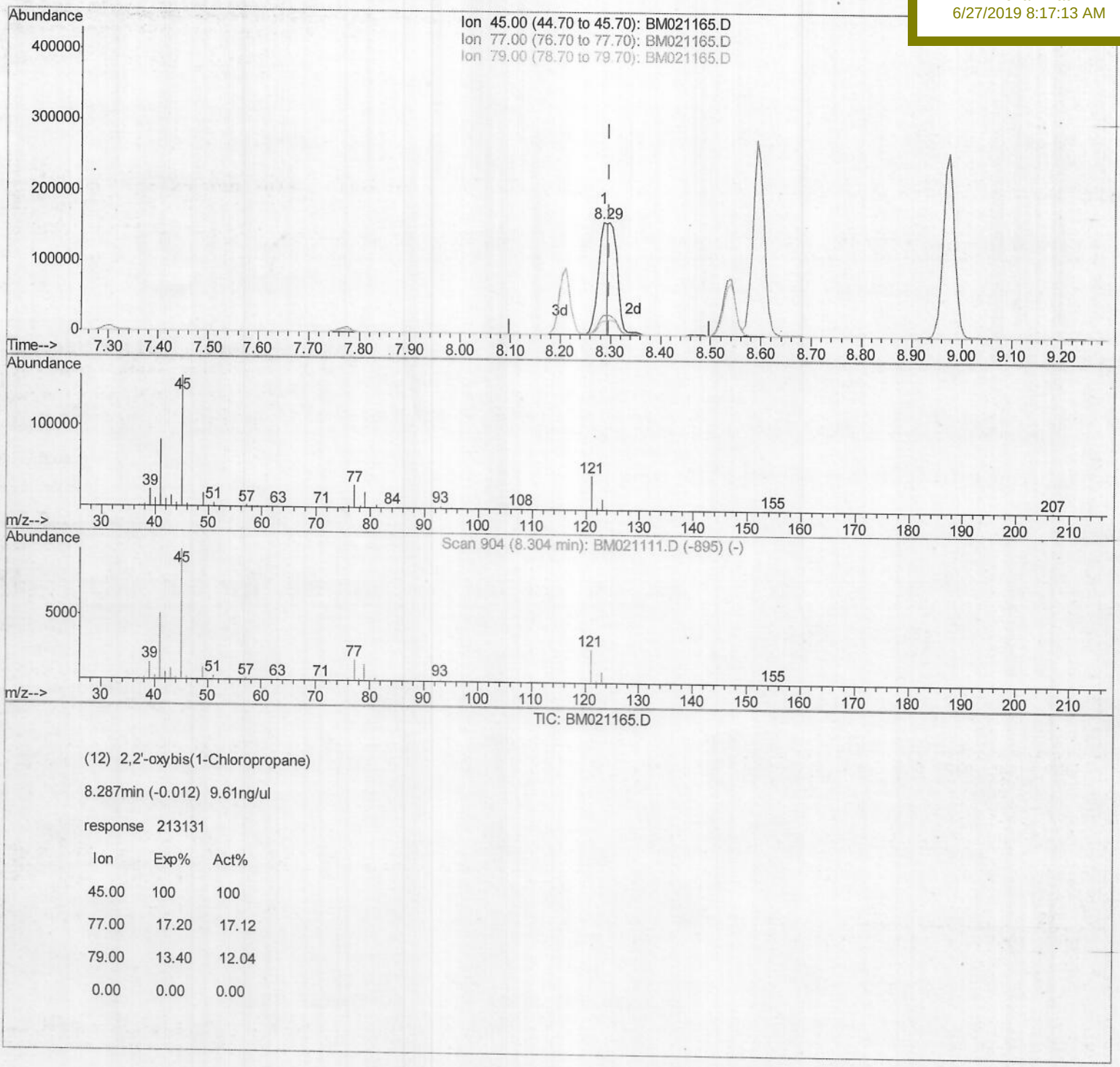

TIC: BM021165.D

(12) 2,2'-oxybis(1-Chloropropane)

8.287min (-0.012) 9.61ng/ul

response 213131

Ion	Exp%	Act%
45.00	100	100
77.00	17.20	17.12
79.00	13.40	12.04
0.00	0.00	0.00

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mohammad
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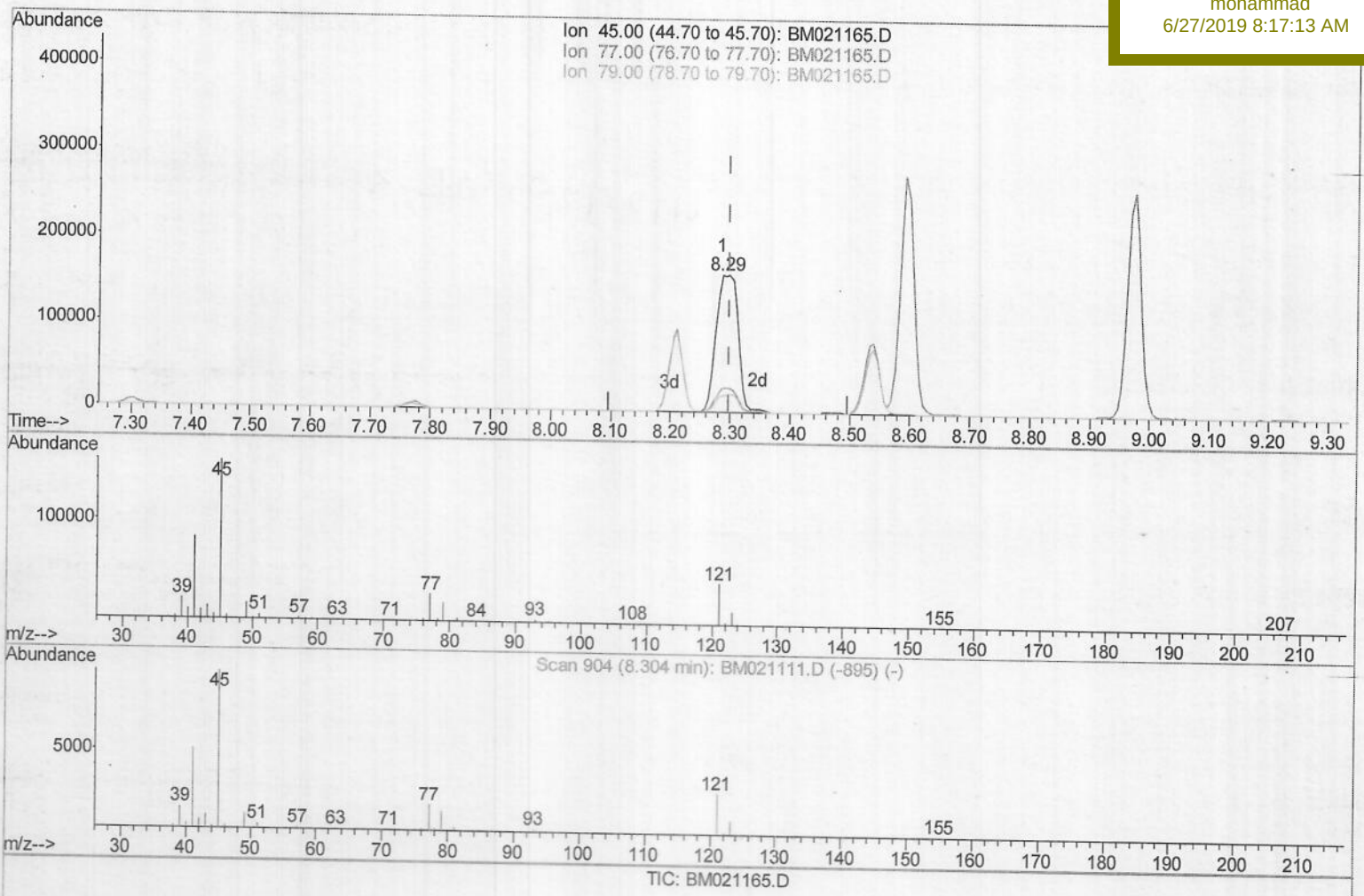

TIC: BM021165.D

(12) 2,2'-oxybis(1-Chloropropane)

8.287min (-0.012) 18.13ng/ul m JU 06/27/19

response 402188

Ion	Exp%	Act%
45.00	100	100
77.00	17.20	17.12
79.00	13.40	12.04
0.00	0.00	0.00

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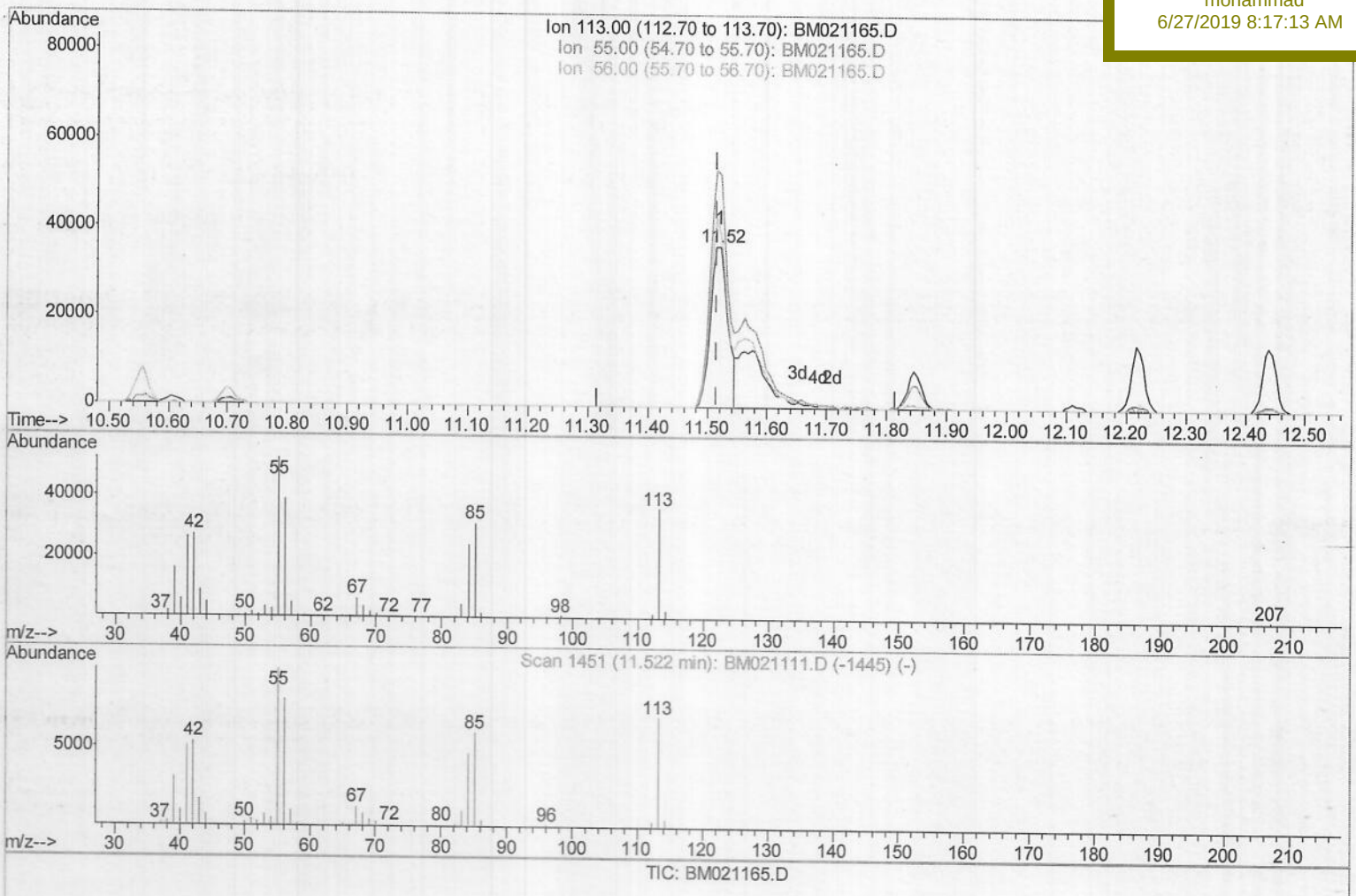
Manual Integrations APPROVED
mohammad
6/27/2019 8:17:13 AM



TIC: BM021165.D

(32) Caprolactam

11.522min (+0.006) 12.58ng/ul

response 73685

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	144.67
56.00	113.80	107.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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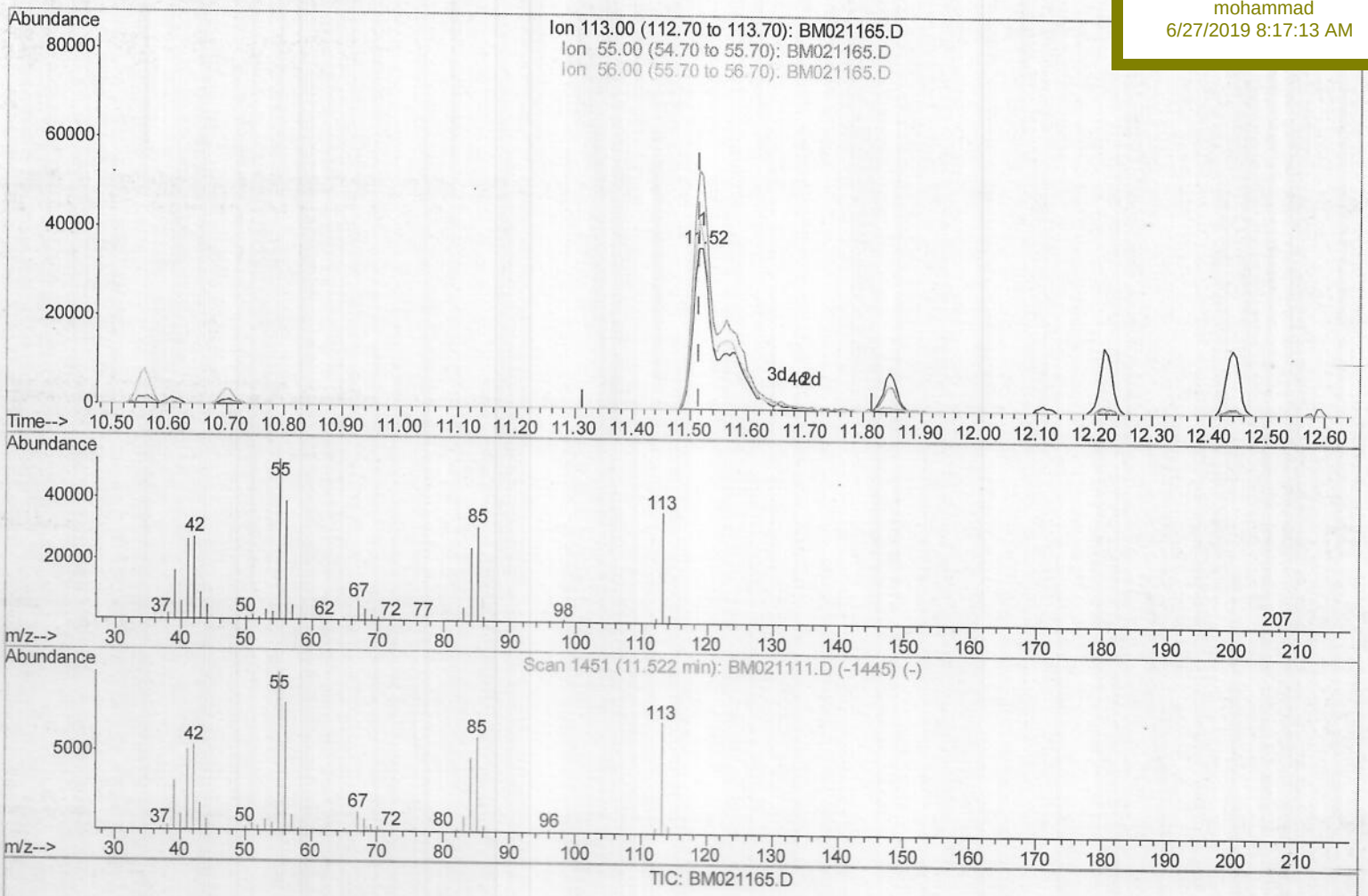

TIC: BM021165.D

(32) Caprolactam

11.522min (+0.006) 19.78ng/ul m > JU 06/27/19

response 115863

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	144.67
56.00	113.80	107.54
0.00	0.00	0.00

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Manual Integrations APPROVED
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6/27/2019 8:17:13 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	276480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1248506	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	842294	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2135056	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2183837	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	2042526	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	38235	6.57	ng/uL	0.00
5) Phenol-d5	6.94	99	457808	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	263346	18.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	368761	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	387706	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	190374	18.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	218585	19.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	455805	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	505463	21.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1413698	18.58	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1748744	18.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	237047	19.15	ng/ul	0.00
57) Fluorene-d10	15.40	176	1270897	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	230816	17.59	ng/ul	0.00
70) Anthracene-d10	17.26	188	2047328	18.45	ng/ul	0.00
78) Pyrene-d10	19.55	212	2332955	17.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2257628	18.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	38841	6.592	ng/uL	95
4) Benzaldehyde	6.92	77	201956	18.408	ng/ul	99
6) Phenol	6.96	94	433372	19.039	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	320484	18.448	ng/ul	100
10) 2-Chlorophenol	7.33	128	347793	18.874	ng/ul	99
11) 2-Methylphenol	8.21	108	333903	18.959	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	402188m	18.130	ng/ul	
14) Acetophenone	8.59	105	553780	19.154	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	287739	19.123	ng/ul	98
16) 4-Methylphenol	8.54	108	365744	19.083	ng/ul	100
17) Hexachloroethane	8.83	117	140719	18.321	ng/ul	98
20) Nitrobenzene	8.97	77	423121	18.578	ng/ul	99
21) Isophorone	9.49	82	787068	18.351	ng/ul	99
23) 2-Nitrophenol	9.68	139	212386	18.769	ng/ul	99
24) 2,4-Dimethylphenol	9.73	107	434947	18.815	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	479153	18.128	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	414063	19.877	ng/ul	98
28) Naphthalene	10.60	128	1175065	18.332	ng/ul	100
30) 4-Chloroaniline	10.73	127	478176	21.302	ng/ul	100
31) Hexachlorobutadiene	10.87	225	264164	18.611	ng/ul	99
32) Caprolactam	11.52	113	115863m	19.784	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	426956	20.103	ng/ul	97
34) 2-Methylnaphthalene	12.22	142	927800	18.877	ng/ul	99

JU 06/27/19

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Manual Integrations APPROVED
mohammad
6/27/2019 8:17:13 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	554607	18.444	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	383735	21.451	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	363961	19.477	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	392868	19.682	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	1254530	18.055	ng/ul	98
41) 2-Chloronaphthalene	13.28	162	1008526	18.372	ng/ul	100
42) 2-Nitroaniline	13.50	65	262904	19.706	ng/ul	100
44) Dimethylphthalate	13.87	163	1294153	18.680	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	266792	20.177	ng/ul	94
47) Acenaphthylene	14.13	152	1493715	18.726	ng/ul	99
48) 3-Nitroaniline	14.33	138	240723	20.796	ng/ul	99
49) Acenaphthene	14.47	153	1077123	18.419	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	129654	19.518	ng/ul	91
52) 4-Nitrophenol	14.63	109	175940	19.214	ng/ul	98
53) Dibenzofuran	14.81	168	1567178	18.822	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	399633	20.827	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	366132	21.035	ng/ul	100
56) Diethylphthalate	15.24	149	1287692	19.265	ng/ul	99
58) Fluorene	15.46	166	1312101	19.396	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	712751	19.324	ng/ul	99
60) 4-Nitroaniline	15.50	138	240703	19.563	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.55	198	228005	17.306	ng/ul	98
64) N-Nitrosodiphenylamine	15.67	169	1142780	17.673	ng/ul	100
65) 4-Bromophenyl-phenylether	16.35	248	466083	17.802	ng/ul	99
66) Hexachlorobenzene	16.46	284	549715	18.320	ng/ul	99
67) Atrazine	16.63	200	441253	18.809	ng/ul	98
68) Pentachlorophenol	16.81	266	303300	20.158	ng/ul	98
69) Phenanthrene	17.20	178	2159360	18.287	ng/ul	99
71) Anthracene	17.29	178	2233084	18.558	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	555684	16.545	ng/uL	99
73) Pentachlorobenzene	14.72	250	594914	17.214	ng/uL	99
74) Carbazole	17.57	167	1920189	19.362	ng/ul	100
75) Di-n-butylphthalate	18.12	149	2256478	18.952	ng/ul	100
76) Fluoranthene	19.22	202	2687792	21.066	ng/ul	100
79) Pyrene	19.58	202	2761188	17.885	ng/ul	100
80) Butylbenzylphthalate	20.48	149	1075275	18.815	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.27	252	847937	17.324	ng/ul	99
82) Benzo(a)anthracene	21.33	228	2737687	18.388	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1566799	19.255	ng/ul	98
84) Chrysene	21.38	228	2561363	18.369	ng/ul	100
86) Di-n-octyl phthalate	22.14	149	2573623	21.867	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	2488262	19.232	ng/ul	100
88) Benzo(k)fluoranthene	22.98	252	2443181	19.628	ng/ul	99
90) Benzo(a)pyrene	23.52	252	2253276	18.503	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.91	276	2389900	16.666	ng/ul	98
92) Dibenzo(a,h)anthracene	25.93	278	2014006	16.695	ng/ul	98
93) Benzo(g,h,i)perylene	26.62	276	1939877	16.425	ng/ul	98

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