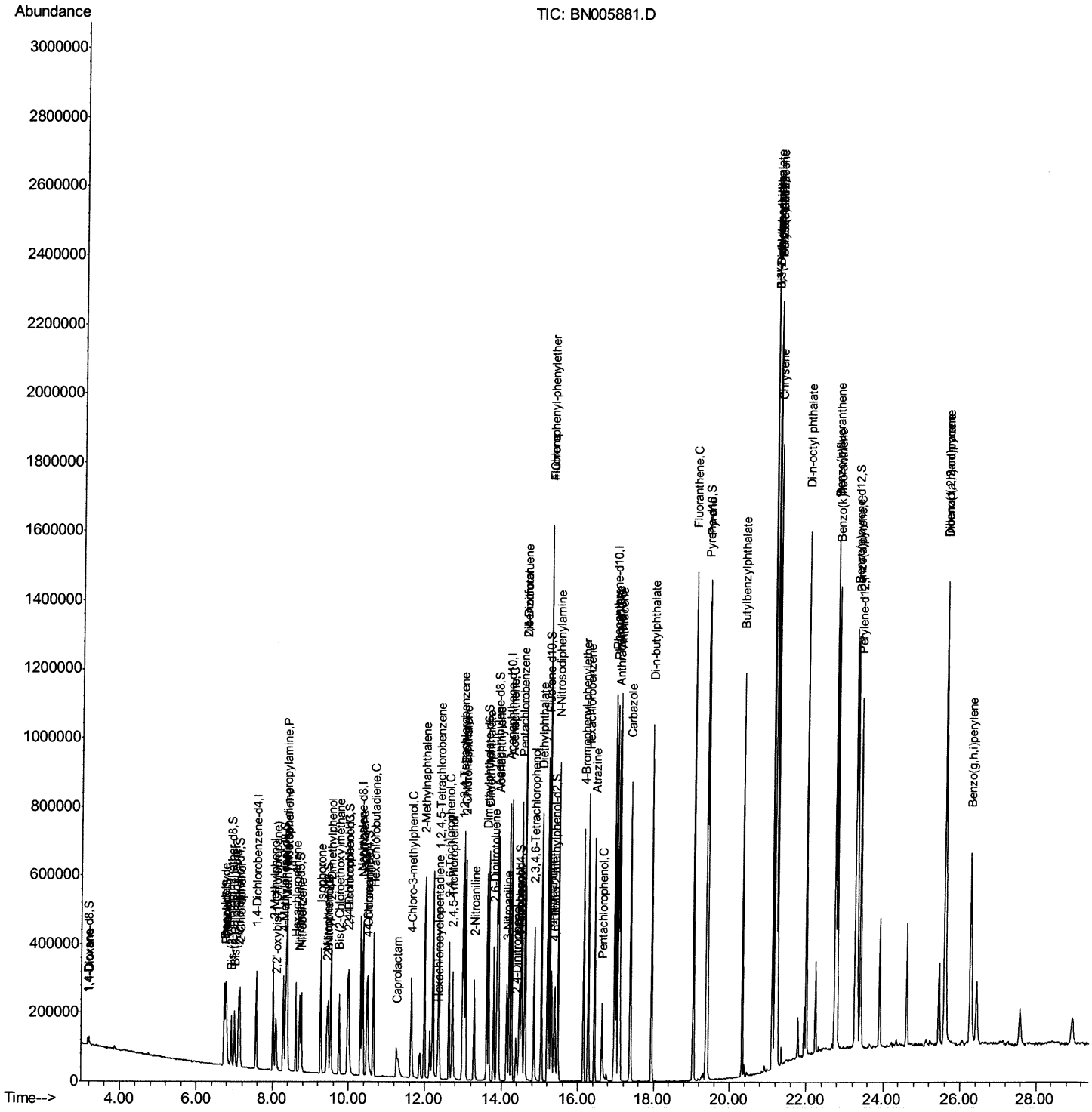
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005881.D
Acq On : 23 May 2019 09:17
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 23 09:59:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02093

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:54 PM



Quantitation Report (Qedit)

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Acq On : 23 May 2019 09:17
Operator : JU/SJ
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Misc :
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Quant Time: May 23 09:58:00 2019
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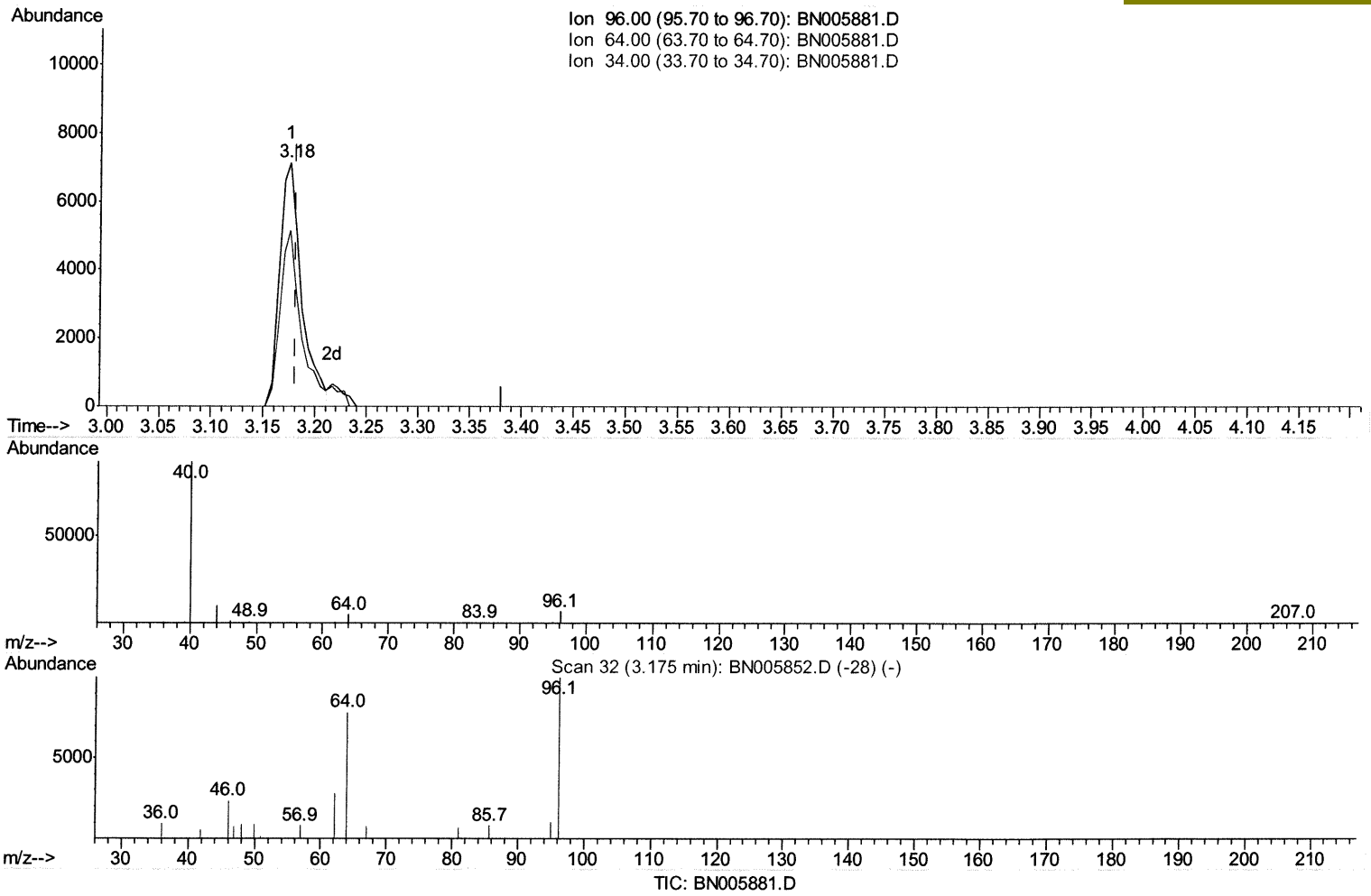

TIC: BN005881.D

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

3.175min (-0.006) 7.30ng/uL

response 10562

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	72.29
34.00	0.00	0.00
0.00	0.00	0.00

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mohammad
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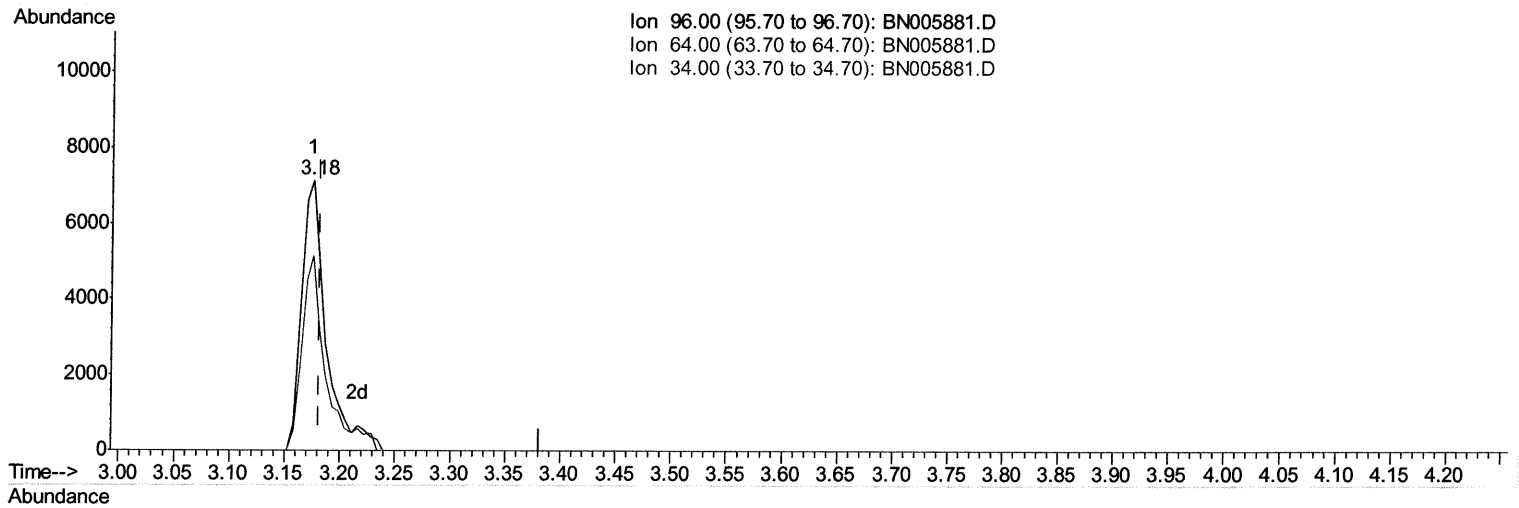

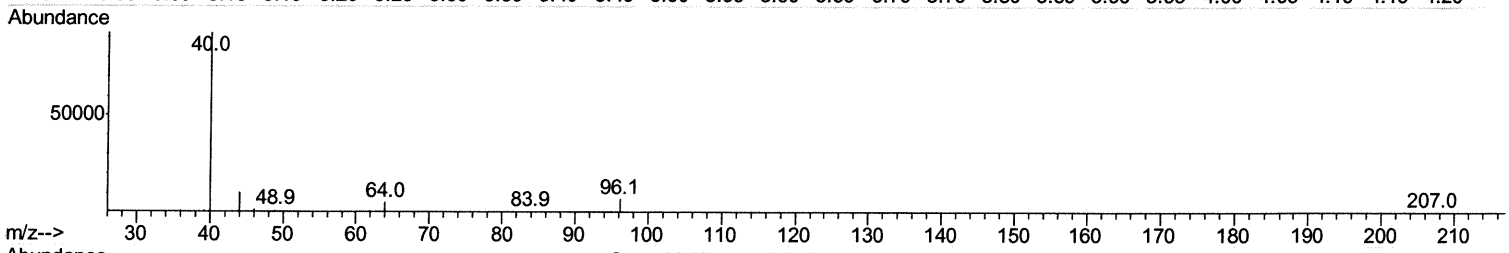

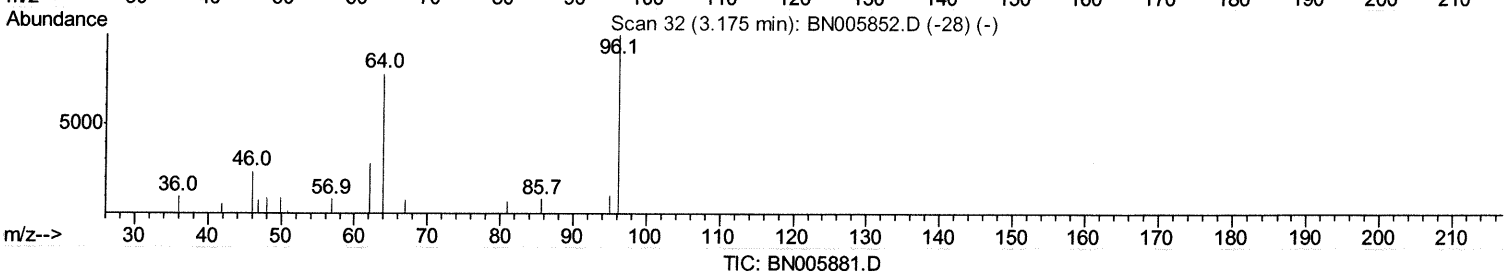

TIC: BN005881.D

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

3.175min (-0.006) 7.74ng/uL m JU 06/04/19

response 11213

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	72.29
34.00	0.00	0.00
0.00	0.00	0.00

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LabSampleId :
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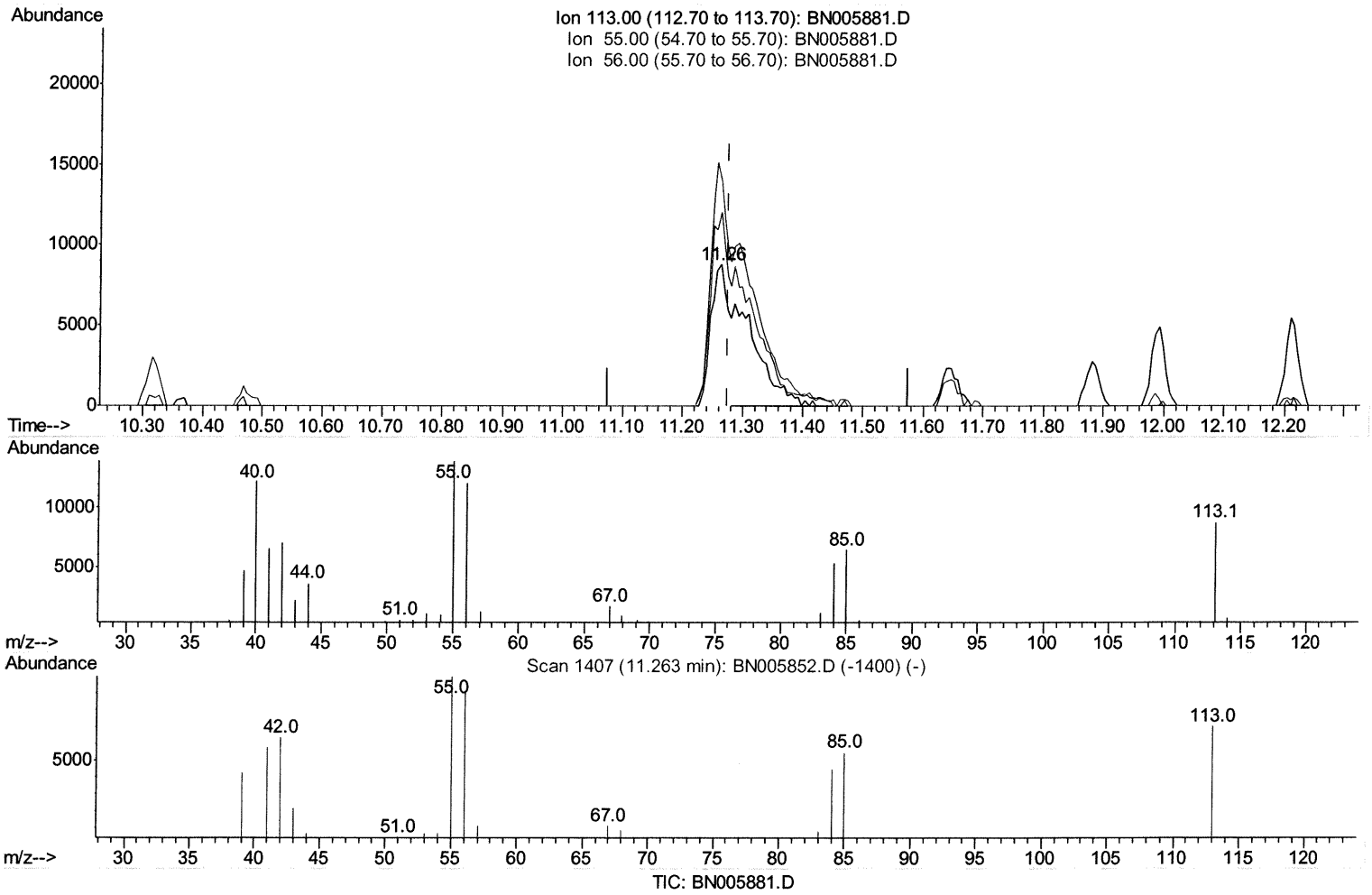
Manual Integrations APPROVED
mohammad
5/23/2019 3:31:54 PM



TIC: BN005881.D

(32) Caprolactam

11.263min (-0.012) 8.76ng/ul

response 18074

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	159.08
56.00	148.90	137.43
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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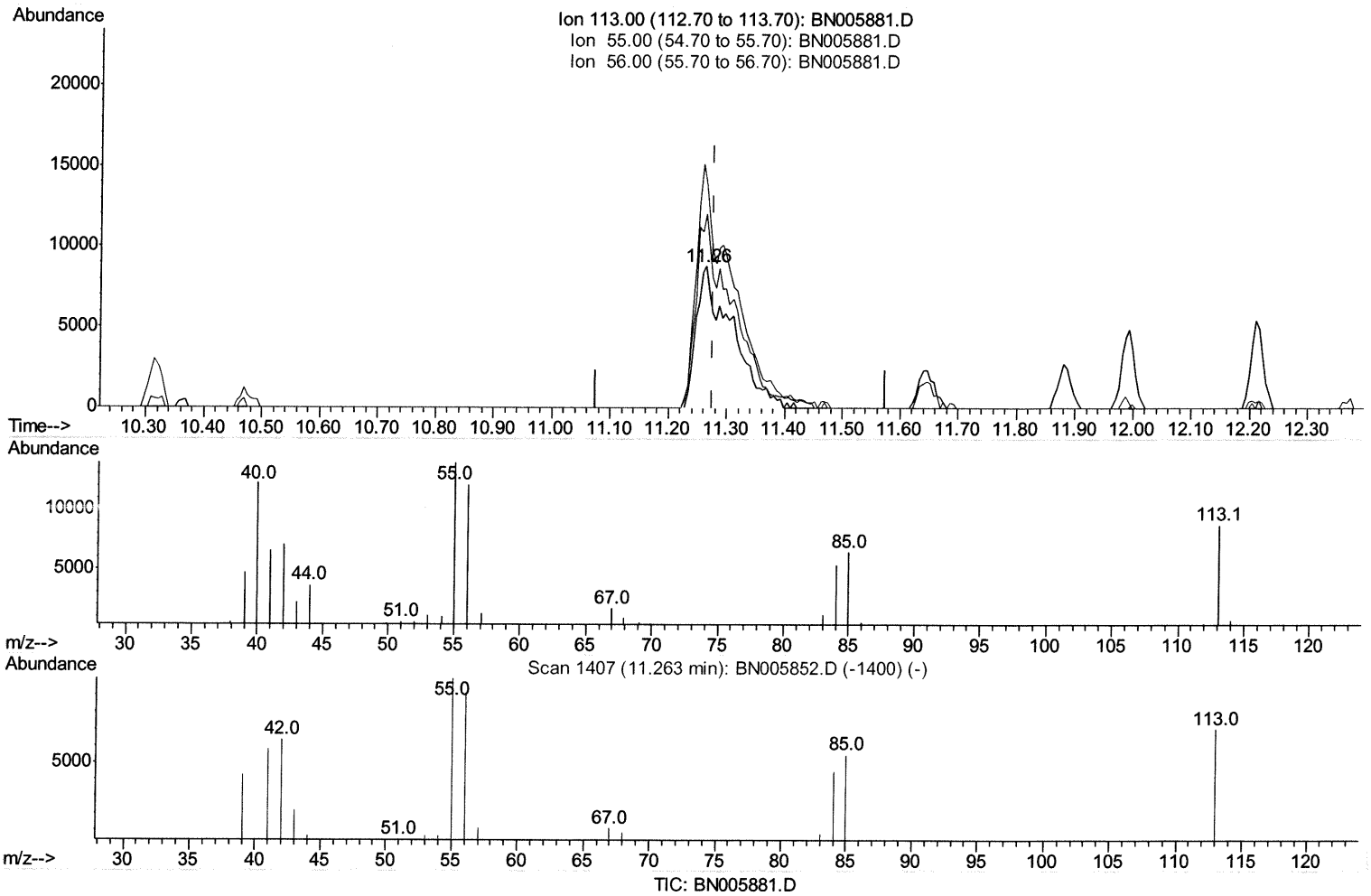

TIC: BN005881.D

(32) Caprolactam

11.263min (-0.012) 17.99ng/ul m JU 06/04/19

response 37126

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	159.08
56.00	148.90	137.43
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 30 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
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Quant Time: May 23 09:59:06 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	81051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	365841	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	258198	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	674017	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	800059	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	796315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	11213m>	7.74	ng/uL	0.00
5) Phenol-d5	6.76	99	122622	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	65328	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	103747	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	105297	19.66	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	53150	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	58779	19.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	121704	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	132976	20.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	400317	20.15	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	500354	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	44869	16.03	ng/ul	0.00
57) Fluorene-d10	15.20	176	357622	20.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	51461	12.70	ng/ul	0.00
70) Anthracene-d10	17.06	188	613357	21.06	ng/ul	0.00
78) Pyrene-d10	19.37	212	763846	19.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	762004	21.33	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	12235	8.028	ng/uL#	91
4) Benzaldehyde	6.72	77	88900	19.606	ng/ul	95
6) Phenol	6.79	94	127050	19.898	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	94131	20.117	ng/ul	94
10) 2-Chlorophenol	7.13	128	104361	20.461	ng/ul	92
11) 2-Methylphenol	8.01	108	97324	19.197	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.09	45	120871	19.645	ng/ul#	92
14) Acetophenone	8.38	105	177248	20.667	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	80544	19.449	ng/ul#	93
16) 4-Methylphenol	8.34	108	109488	19.622	ng/ul	95
17) Hexachloroethane	8.61	117	45032	20.576	ng/ul	86
20) Nitrobenzene	8.75	77	130681	21.288	ng/ul	98
21) Isophorone	9.26	82	245573	20.065	ng/ul	97
23) 2-Nitrophenol	9.45	139	62623	19.616	ng/ul#	90
24) 2,4-Dimethylphenol	9.52	107	138026	20.937	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.75	93	133515	19.292	ng/ul	97
27) 2,4-Dichlorophenol	9.99	162	117830	20.926	ng/ul	98
28) Naphthalene	10.37	128	354585	20.290	ng/ul	98
30) 4-Chloroaniline	10.50	127	135316	20.589	ng/ul	96
31) Hexachlorobutadiene	10.65	225	92780	22.590	ng/ul	96
32) Caprolactam	11.26	113	37126m>	17.995	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	132919	20.869	ng/ul	96
34) 2-Methylnaphthalene	11.99	142	276239	20.468	ng/ul	99

JU
06/04/19

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	182921	22.005 ng/ul	97
37) Hexachlorocyclopentadiene	12.34	237	23549	9.089 ng/ul	95
38) 2,4,6-Trichlorophenol	12.63	196	110054	21.387 ng/ul	94
39) 2,4,5-Trichlorophenol	12.72	196	109637	20.282 ng/ul	93
40) 1,1'-Biphenyl	13.02	154	387146	20.620 ng/ul#	97
41) 2-Chloronaphthalene	13.06	162	307882	20.762 ng/ul	99
42) 2-Nitroaniline	13.29	65	82948	19.405 ng/ul	92
44) Dimethylphthalate	13.66	163	399818	20.412 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	80159	19.421 ng/ul	98
47) Acenaphthylene	13.92	152	482639	20.764 ng/ul	99
48) 3-Nitroaniline	14.13	138	70768	19.459 ng/ul	99
49) Acenaphthene	14.26	153	323436	20.536 ng/ul	97
50) 2,4-Dinitrophenol	14.38	184	38682	18.213 ng/ul	93
52) 4-Nitrophenol	14.47	109	54638	20.904 ng/ul#	82
53) Dibenzofuran	14.60	168	493228	21.108 ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	127558	20.623 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.85	232	106878	21.294 ng/ul	94
56) Diethylphthalate	15.04	149	406736	20.517 ng/ul	99
58) Fluorene	15.26	166	400068	21.049 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.25	204	222001	21.410 ng/ul	98
60) 4-Nitroaniline	15.30	138	82261	20.289 ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	15.39	198	52447	12.923 ng/ul#	97
64) N-Nitrosodiphenylamine	15.47	169	352850	20.228 ng/ul	99
65) 4-Bromophenyl-phenylether	16.15	248	148914	21.099 ng/ul	95
66) Hexachlorobenzene	16.27	284	173589	21.923 ng/ul	93
67) Atrazine	16.44	200	143108	19.551 ng/ul	97
68) Pentachlorophenol	16.63	266	61368	16.798 ng/ul	97
69) Phenanthrene	17.00	178	694909	20.799 ng/ul	100
71) Anthracene	17.09	178	722714	21.245 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	192675	21.323 ng/uL	98
73) Pentachlorobenzene	14.53	250	192062	21.551 ng/uL	98
74) Carbazole	17.37	167	632513	21.089 ng/ul	98
75) Di-n-butylphthalate	17.94	149	706482	19.719 ng/ul	99
76) Fluoranthene	19.04	202	903540	21.874 ng/ul#	89
79) Pyrene	19.41	202	954758	19.433 ng/ul#	87
80) Butylbenzylphthalate	20.33	149	345295	17.155 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.12	252	336790	20.040 ng/ul#	98
82) Benzo(a)anthracene	21.19	228	1038320	20.600 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	502321	17.589 ng/ul#	98
84) Chrysene	21.24	228	983410	20.697 ng/ul	99
86) Di-n-octyl phthalate	21.99	149	922883	21.721 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	989522	22.587 ng/ul#	95
88) Benzo(k)fluoranthene	22.80	252	930308	21.947 ng/ul#	96
90) Benzo(a)pyrene	23.31	252	895253	21.104 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.60	276	946743	18.254 ng/ul#	91
92) Dibenzo(a,h)anthracene	25.60	278	814528	18.657 ng/ul#	92
93) Benzo(g,h,i)perylene	26.27	276	770203	17.765 ng/ul#	88

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