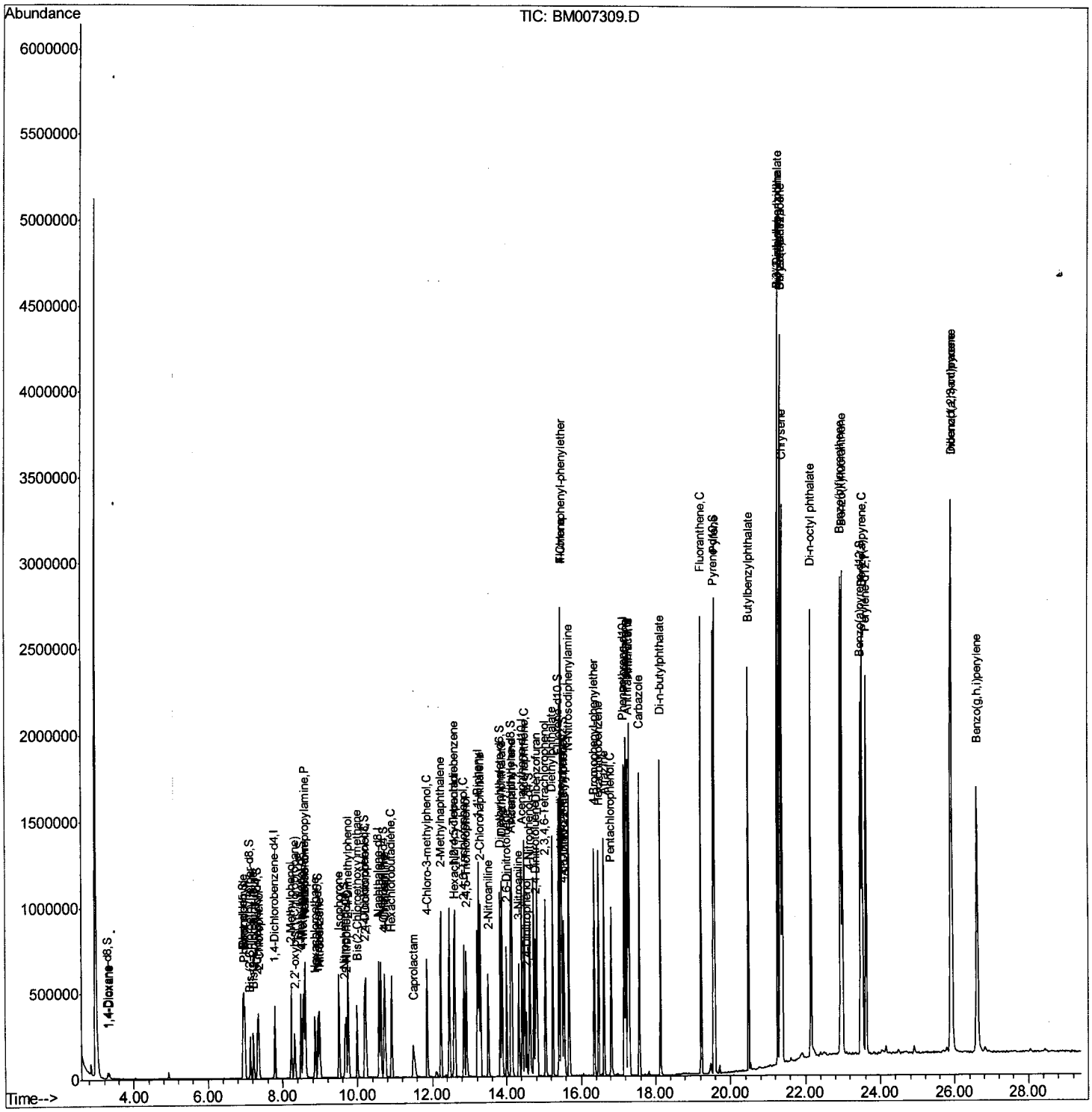
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082916\
Data File : BM007309.D
Acq On : 29 Aug 2016 14:59
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 10:29:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 30 02:10:23 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02035

Manual Integrations APPROVED
sohil
8/30/2016 4:47:13 PM



Quantitation Report (Qedit)

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Quant Time: Aug 30 02:24:01 2016
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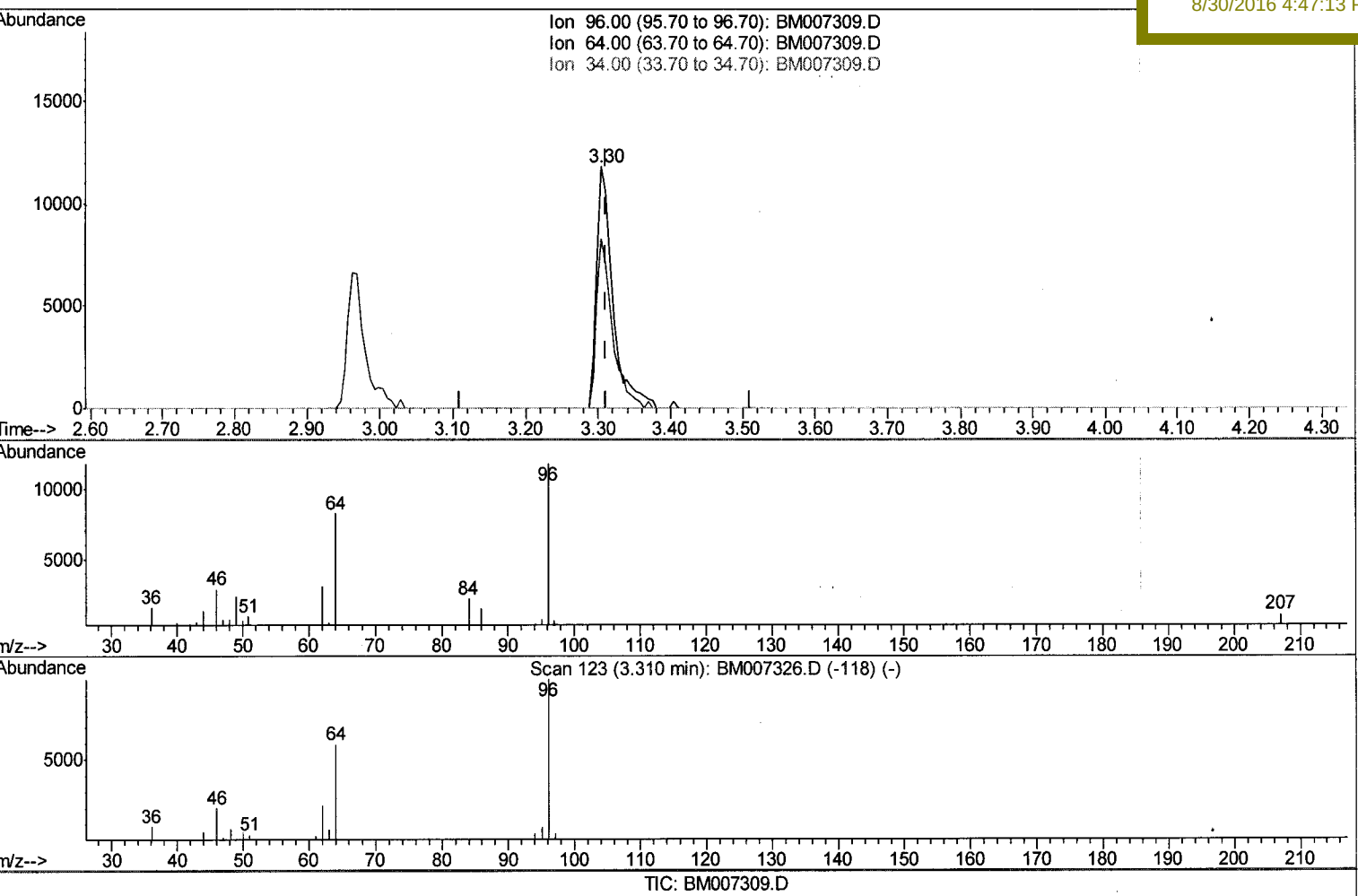

TIC: BM007309.D

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

3.305min (-0.006) 8.71ng/uL m

response 18381

Ion	Exp%	Act%
96.00	100	100
64.00	68.70	68.24
34.00	0.00	0.00
0.00	0.00	0.00

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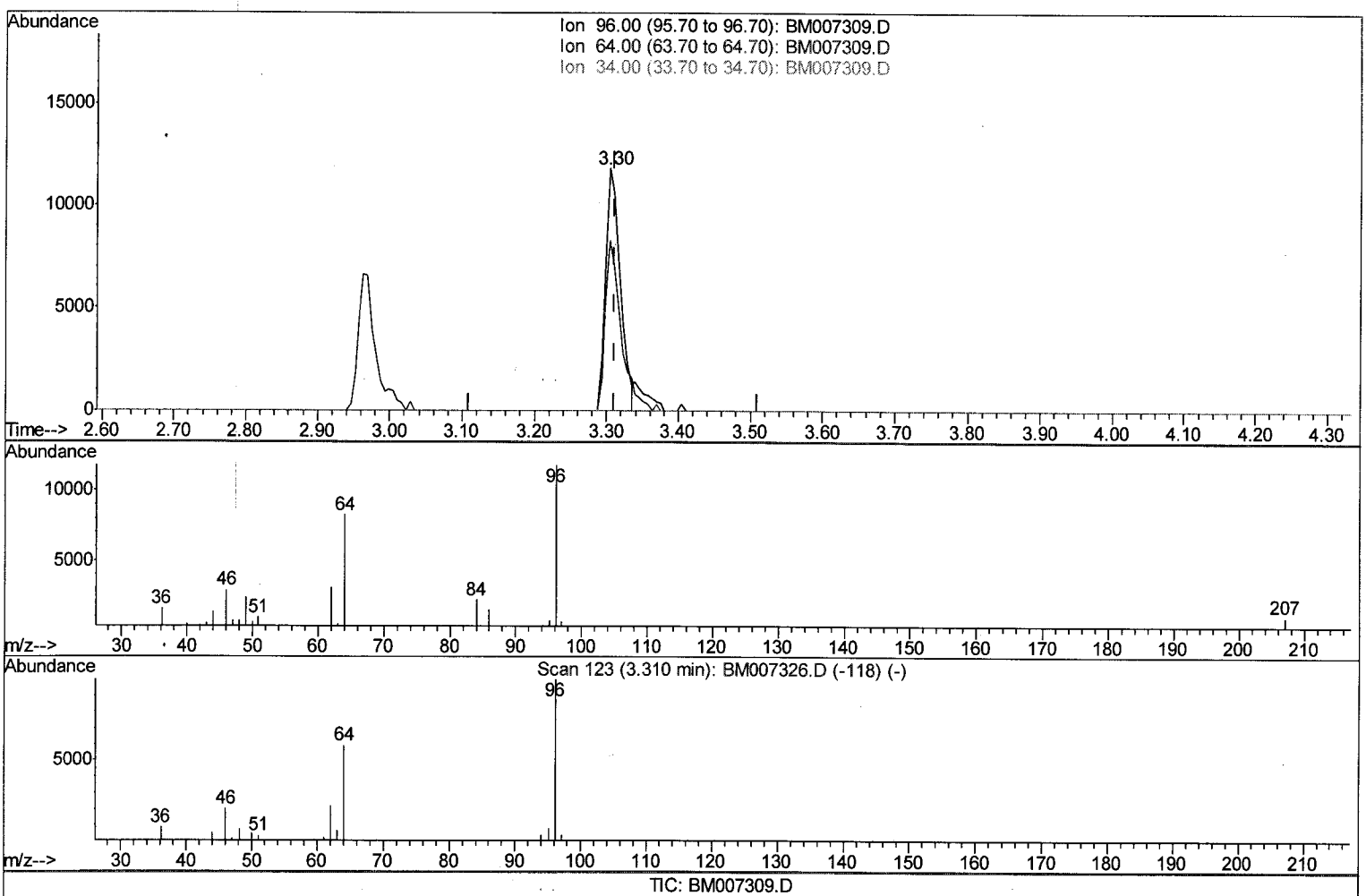

TIC: BM007309.D

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

3.305min (-0.006) 7.81ng/uL

response 16467

Ion	Exp%	Act%
96.00	100	100
64.00	68.70	76.18
34.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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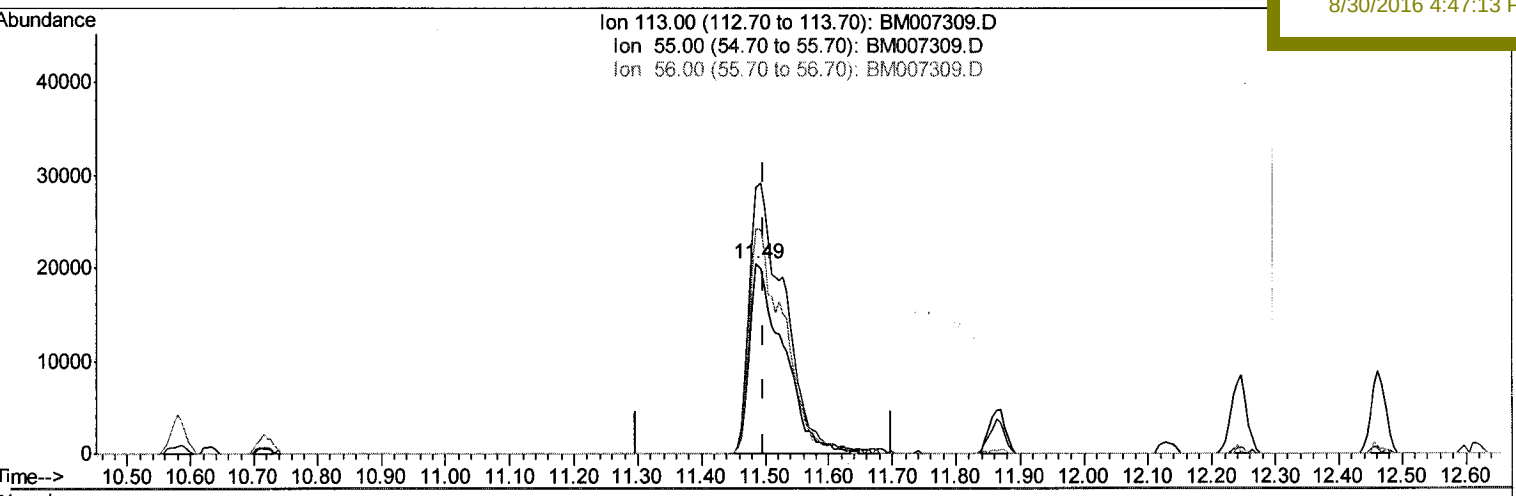

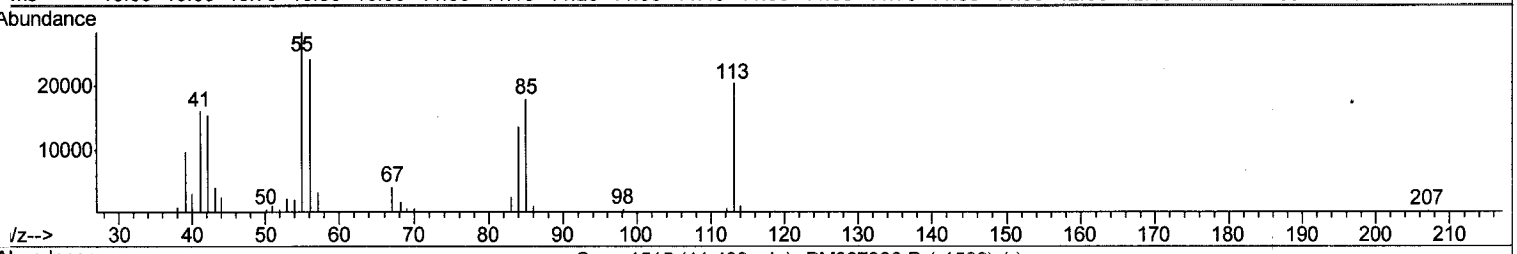

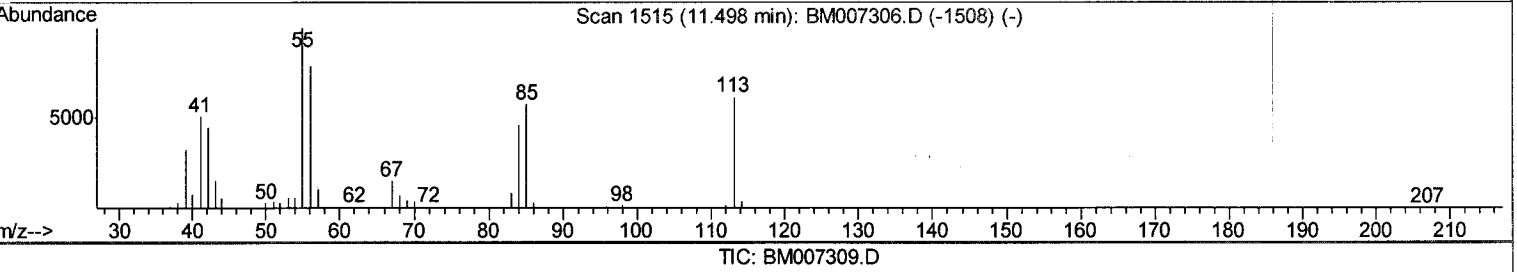

TIC: BM007309.D

(32) Caprolactam

11.486min (-0.012) 20.45ng/ul m

response 74616

U.M 8/30/16

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	140.03
56.00	121.70	118.84
0.00	0.00	0.00

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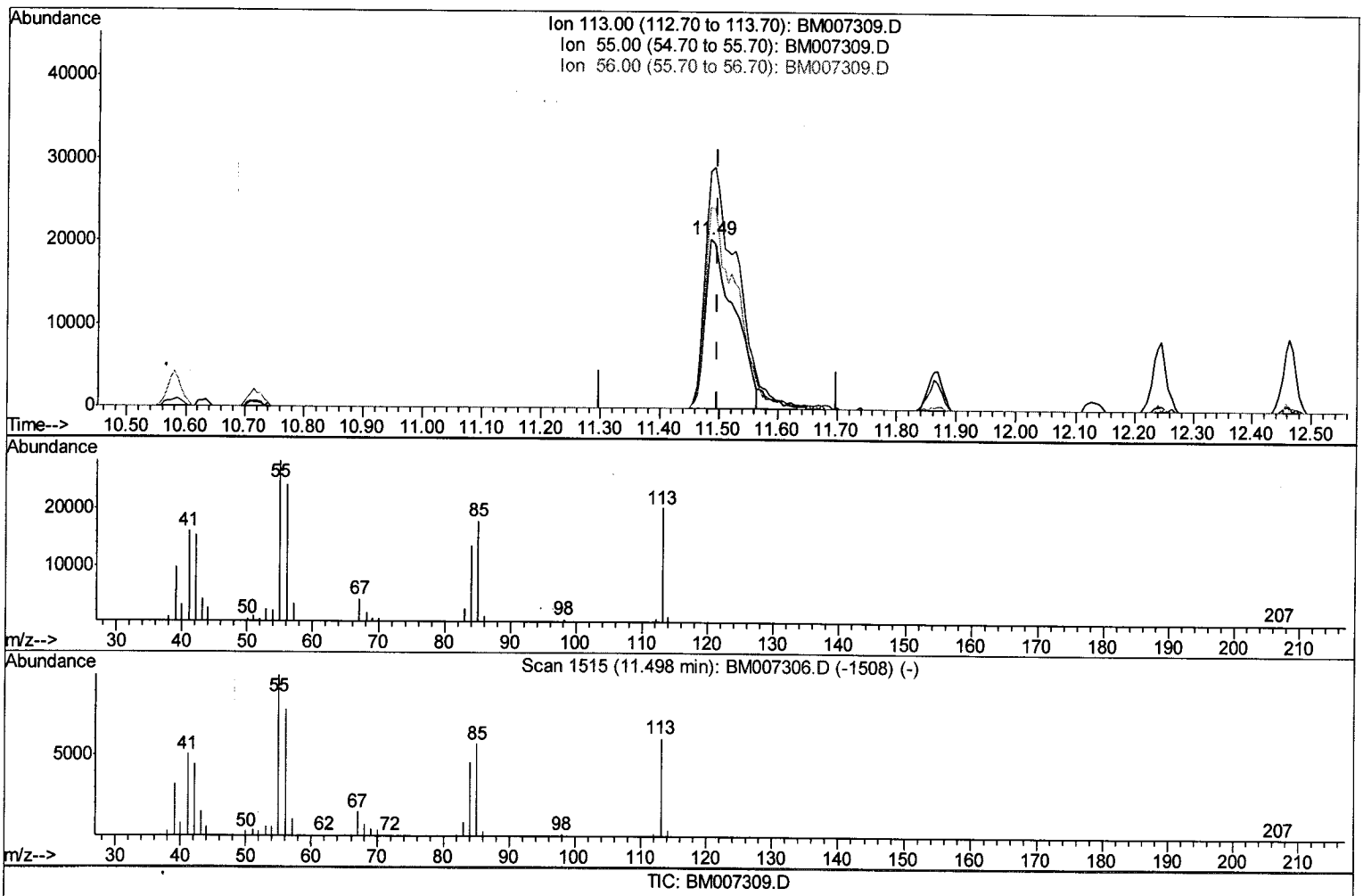

TIC: BM007309.D

(32) Caprolactam

11.486min (-0.012) 19.25ng/ul

response 70211

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	140.03
56.00	121.70	118.84
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	7.80	152	107807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	534186	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	390452	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1071058	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1549310	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1713734	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	18381m	8.71	ng/uL	0.00
5) Phenol-d5	6.96	99	198550	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	110225	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	149794	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	175667	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	77023	19.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	89433	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	185482	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	248677	21.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	712876	21.16	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	813888	20.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	130341	20.50	ng/ul	0.00
57) Fluorene-d10	15.42	176	611127	20.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	130667	19.40	ng/ul	0.00
70) Anthracene-d10	17.27	188	1041276	20.81	ng/ul	0.00
76) Pyrene-d10	19.56	212	1332025	20.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1615328	20.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	18842	8.01	ng/uL	96
4) Benzaldehyde	6.95	77	128091	22.08	ng/ul	96
6) Phenol	6.99	94	208978	19.78	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.22	93	149019	20.25	ng/ul	97
10) 2-Chlorophenol	7.36	128	156599	20.32	ng/ul	98
11) 2-Methylphenol	8.23	108	165064	19.99	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	168149	20.31	ng/ul	96
14) Acetophenone	8.62	105	281826	20.69	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.60	70	145787	20.14	ng/ul	97
16) 4-Methylphenol	8.56	108	184206	19.89	ng/ul	91
17) Hexachloroethane	8.87	117	60784	20.28	ng/ul	97
20) Nitrobenzene	8.99	77	211815	21.03	ng/ul	97
21) Isophorone	9.51	82	421550	20.54	ng/ul	99
23) 2-Nitrophenol	9.70	139	99315	19.95	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	232916	21.21	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.99	93	237630	20.55	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	187574	20.71	ng/ul	97
28) Naphthalene	10.63	128	542802	20.43	ng/ul	98
30) 4-Chloroaniline	10.74	127	253581	21.66	ng/ul	94
31) Hexachlorobutadiene	10.92	225	130357	21.30	ng/ul	97
32) Caprolactam	11.49	113	74616m	20.45	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	235880	21.04	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	452210	20.80	ng/ul	100

U.M 08/30/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	271695	20.90	ng/ul	95
37) Hexachlorocyclopentadiene	12.59	237	152173	19.40	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	183842	19.99	ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	196657	20.51	ng/ul	96
40) 1,1'-Biphenyl	13.26	154	630062	20.81	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	488255	20.56	ng/ul	98
42) 2-Nitroaniline	13.51	65	161507	20.83	ng/ul	99
44) Dimethylphthalate	13.89	163	707643	21.09	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	145526	21.22	ng/ul	94
47) Acenaphthylene	14.15	152	835049	20.78	ng/ul	99
48) 3-Nitroaniline	14.33	138	146983	21.00	ng/ul	96
49) Acenaphthene	14.49	153	545073	20.85	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	84963	18.27	ng/ul	88
52) 4-Nitrophenol	14.64	109	145364	21.49	ng/ul	83
53) Dibenzofuran	14.83	168	817497	20.90	ng/ul	95
54) 2,4-Dinitrotoluene	14.79	165	220224	20.95	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.05	232	203595	20.70	ng/ul#	96
56) Diethylphthalate	15.25	149	728196	20.81	ng/ul	98
58) Fluorene	15.47	166	675209	20.96	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	356971	21.19	ng/ul	96
60) 4-Nitroaniline	15.50	138	165797	20.87	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.56	198	142782	19.86	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	614928	20.56	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	246097	20.35	ng/ul	96
66) Hexachlorobenzene	16.48	284	274933	20.30	ng/ul	97
67) Atrazine	16.63	200	260663	20.64	ng/ul	97
68) Pentachlorophenol	16.82	266	167497	19.17	ng/ul	99
69) Phenanthrene	17.22	178	1205595	20.97	ng/ul	99
71) Anthracene	17.30	178	1253193	21.11	ng/ul	99
72) Carbazole	17.57	167	1109816	21.51	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1312181	20.21	ng/ul	98
74) Fluoranthene	19.23	202	1620312	22.45	ng/ul	97
77) Pyrene	19.59	202	1712903	20.61	ng/ul	96
78) Butylbenzylphthalate	20.49	149	683904	19.77	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	655072	21.30	ng/ul	99
80) Benzo(a)anthracene	21.34	228	1906293	20.87	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	995359	19.84	ng/ul	100
82) Chrysene	21.39	228	1720524	20.80	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	1809499	21.20	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	2099590	20.72	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	1983037	21.17	ng/ul	99
88) Benzo(a)pyrene	23.53	252	2021625	20.85	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	2486083	20.89	ng/ul	100
90) Dibenzo(a,h)anthracene	25.93	278	2057702	20.79	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	2076270	20.55	ng/ul	97

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