Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081116\
Data File : BM007030.D
Acq On : 11 Aug 2016 20:10
Operator : UM/SJ
Sample : SSTD04049
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 12 01:41:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 01:29:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04049

Manual Integrations APPROVED
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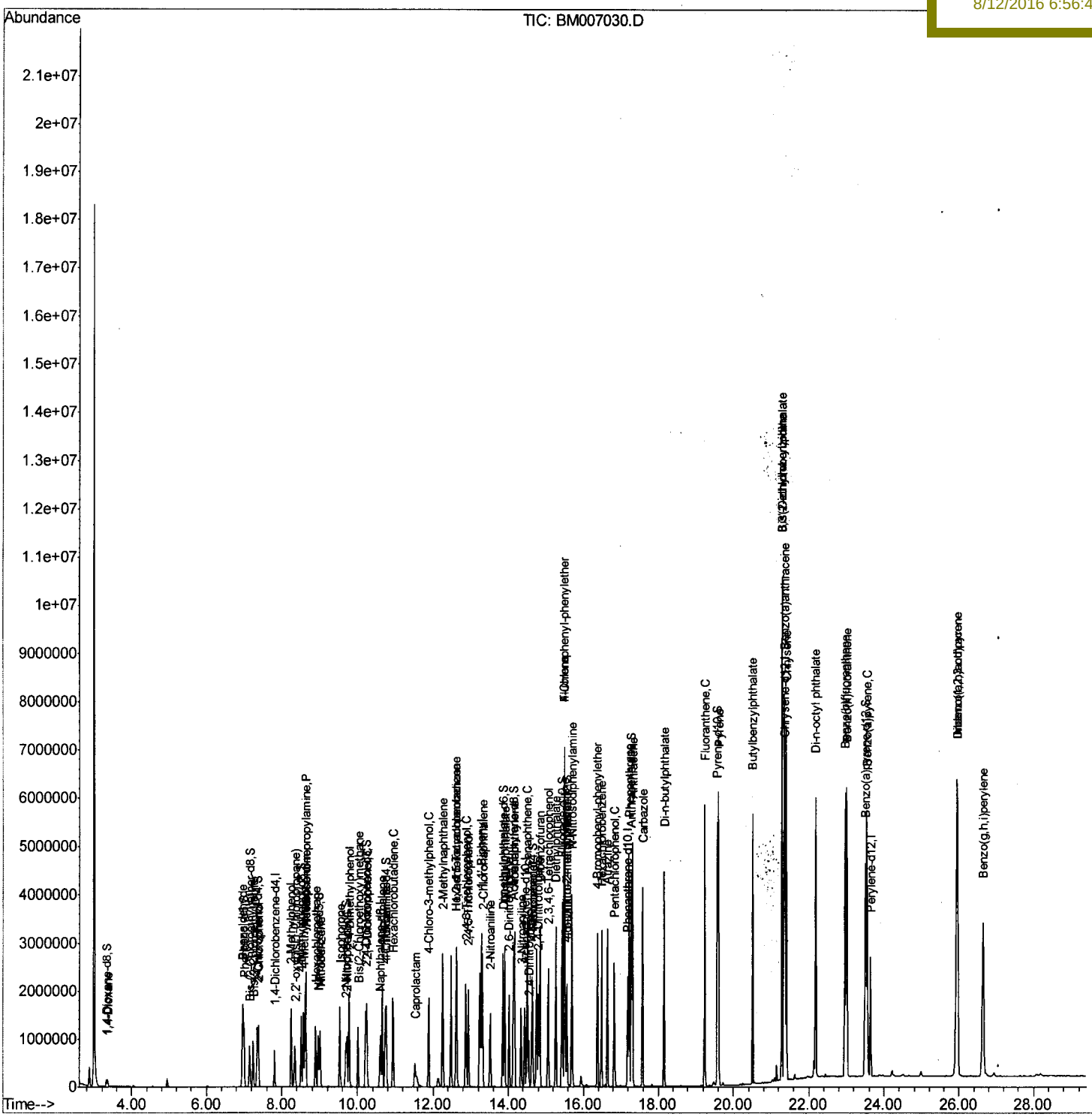

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	748366	35.68	ng/ul	97
37) Hexachlorocyclopentadiene	12.61	237	489887	39.90	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	495464	38.42	ng/ul	96
39) 2,4,5-Trichlorophenol	12.94	196	527691	42.36	ng/ul	97
40) 1,1'-Biphenyl	13.28	154	1703267	38.55	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	1334652	38.57	ng/ul	98
42) 2-Nitroaniline	13.52	65	417380	34.60	ng/ul	99
44) Dimethylphthalate	13.90	163	1761960	39.85	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	371923	42.97	ng/ul	98
47) Acenaphthylene	14.16	152	2207448	39.84	ng/ul	99
48) 3-Nitroaniline	14.35	138	377152	49.30	ng/ul	99
49) Acenaphthene	14.51	153	1419200	39.32	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	205026	39.08	ng/ul	92
52) 4-Nitrophenol	14.65	109	338676	27.52	ng/ul	93
53) Dibenzofuran	14.85	168	2100234	37.78	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	550240	40.57	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	510336	38.57	ng/ul	99
56) Diethylphthalate	15.27	149	1818489	39.50	ng/ul	99
58) Fluorene	15.49	166	1681265	36.30	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.49	204	886693	34.34	ng/ul	100
60) 4-Nitroaniline	15.51	138	422782	51.80	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	345614	38.68	ng/ul	95
64) N-Nitrosodiphenylamine	15.70	169	1535263	39.56	ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	620893	37.96	ng/ul	99
66) Hexachlorobenzene	16.49	284	688065	38.65	ng/ul	98
67) Atrazine	16.66	200	641981	38.81	ng/ul	98
68) Pentachlorophenol	16.83	266	445853	43.69	ng/ul	98
69) Phenanthrene	17.23	178	2894133	38.85	ng/ul	99
71) Anthracene	17.32	178	2994951	39.03	ng/ul	99
72) Carbazole	17.59	167	2651612	39.68	ng/ul	99
73) Di-n-butylphthalate	18.16	149	3225587	43.99	ng/ul	99
74) Fluoranthene	19.24	202	3703048	38.65	ng/ul	99
77) Pyrene	19.61	202	3865283	34.69	ng/ul	98
78) Butylbenzylphthalate	20.51	149	1579155	40.06	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.29	252	1548900	46.44	ng/ul	99
80) Benzo(a)anthracene	21.35	228	4103750	38.61	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	2246543	40.82	ng/ul	99
82) Chrysene	21.40	228	3703919	39.38	ng/ul	98
84) Di-n-octyl phthalate	22.18	149	4100107	35.50	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	4453684	37.44	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	4267257	37.43	ng/ul	100
88) Benzo(a)pyrene	23.54	252	4306790	38.32	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.94	276	5217412	38.87	ng/ul	100
90) Dibenzo(a,h)anthracene	25.96	278	4354475	37.80	ng/ul	100
91) Benzo(g,h,i)perylene	26.65	276	4420093	40.59	ng/ul	99

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

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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	7.81	152	200963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	846986	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	538964	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1354108	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1753228	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1883926	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	71922	18.73	ng/uL	0.00
5) Phenol-d5	6.97	99	667467	43.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	380496	39.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	532107	44.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	544185	43.91	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	250593	42.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	276598	40.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	566114	40.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	700985	46.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1778229	39.82	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2159097	39.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	334385	34.85	ng/ul	0.00
57) Fluorene-d10	15.44	176	1541139	37.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	313966	36.67	ng/ul	0.00
70) Anthracene-d10	17.29	188	2509002	38.79	ng/ul	0.00
76) Pyrene-d10	19.57	212	2996567	34.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	3464347	38.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	73414	17.34	ng/uL	99
4) Benzaldehyde	6.96	77	423843	42.55	ng/ul	98
6) Phenol	7.00	94	699383	43.55	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.24	93	513533	44.67	ng/ul	98
10) 2-Chlorophenol	7.38	128	539264	44.62	ng/ul	99
11) 2-Methylphenol	8.25	108	525386	42.44	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	590246	26.18	ng/ul	100
14) Acetophenone	8.63	105	843944	39.37	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.62	70	440378	41.73	ng/ul	98
16) 4-Methylphenol	8.57	108	571416	42.28	ng/ul	96
17) Hexachloroethane	8.89	117	223092	36.88	ng/ul	99
20) Nitrobenzene	9.01	77	637160	35.80	ng/ul	100
21) Isophorone	9.53	82	1211081	41.69	ng/ul	99
23) 2-Nitrophenol	9.72	139	307807	42.33	ng/ul	95
24) 2,4-Dimethylphenol	9.77	107	661783	37.62	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.02	93	709042	44.22	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	562282	41.86	ng/ul	99
28) Naphthalene	10.65	128	1658190	39.36	ng/ul	100
30) 4-Chloroaniline	10.76	127	711564	45.91	ng/ul	98
31) Hexachlorobutadiene	10.93	225	400284	32.66	ng/ul	98
32) Caprolactam	11.52	113	192122m	48.08	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	620339	40.84	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	1288065	38.27	ng/ul	100

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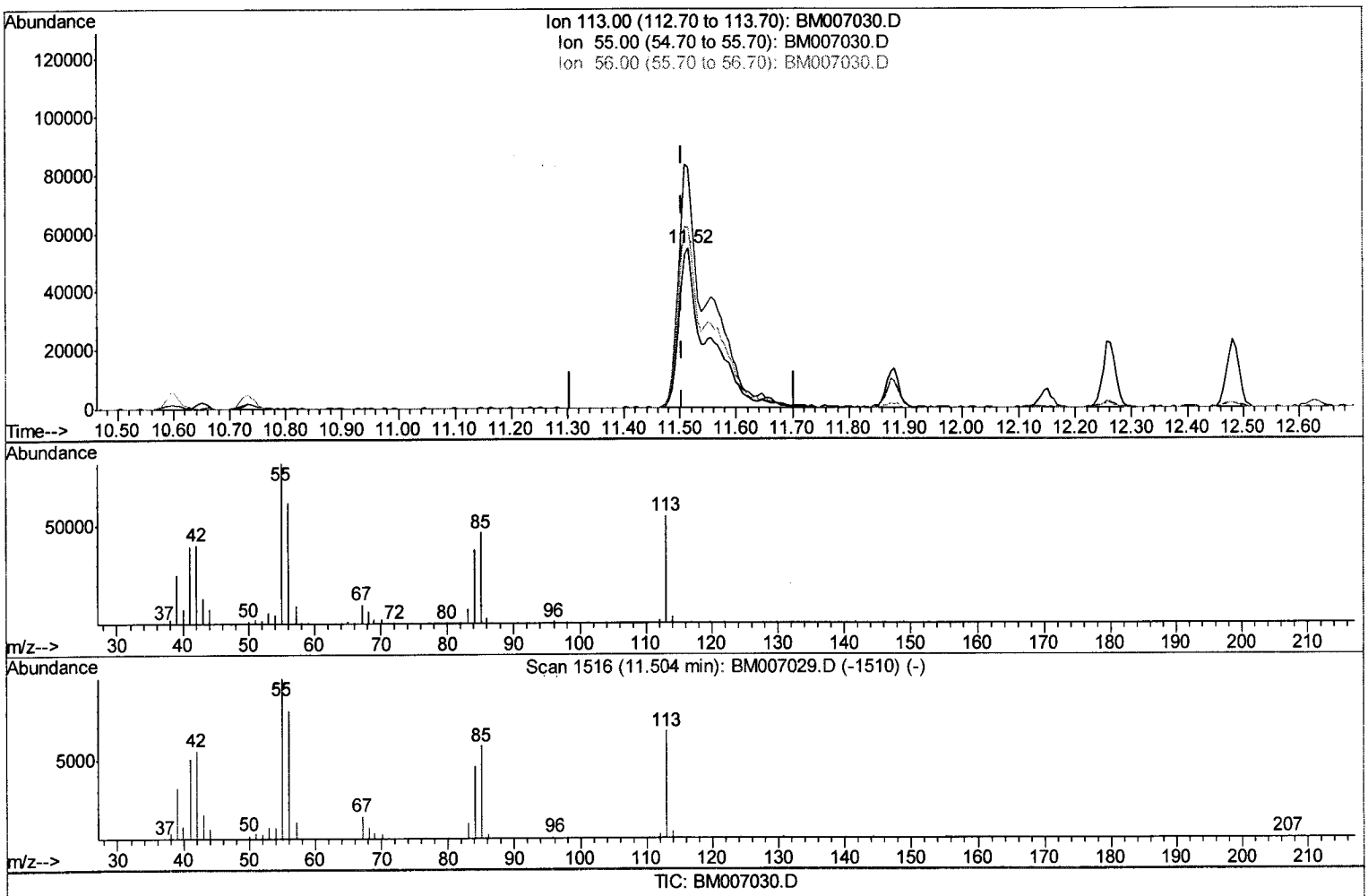

TIC: BM007030.D

(32) Caprolactam

11.516min (+0.012) 48.08ng/ul m

response 192122

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	149.96
56.00	121.70	113.00
0.00	0.00	0.00

UM 08/12/16

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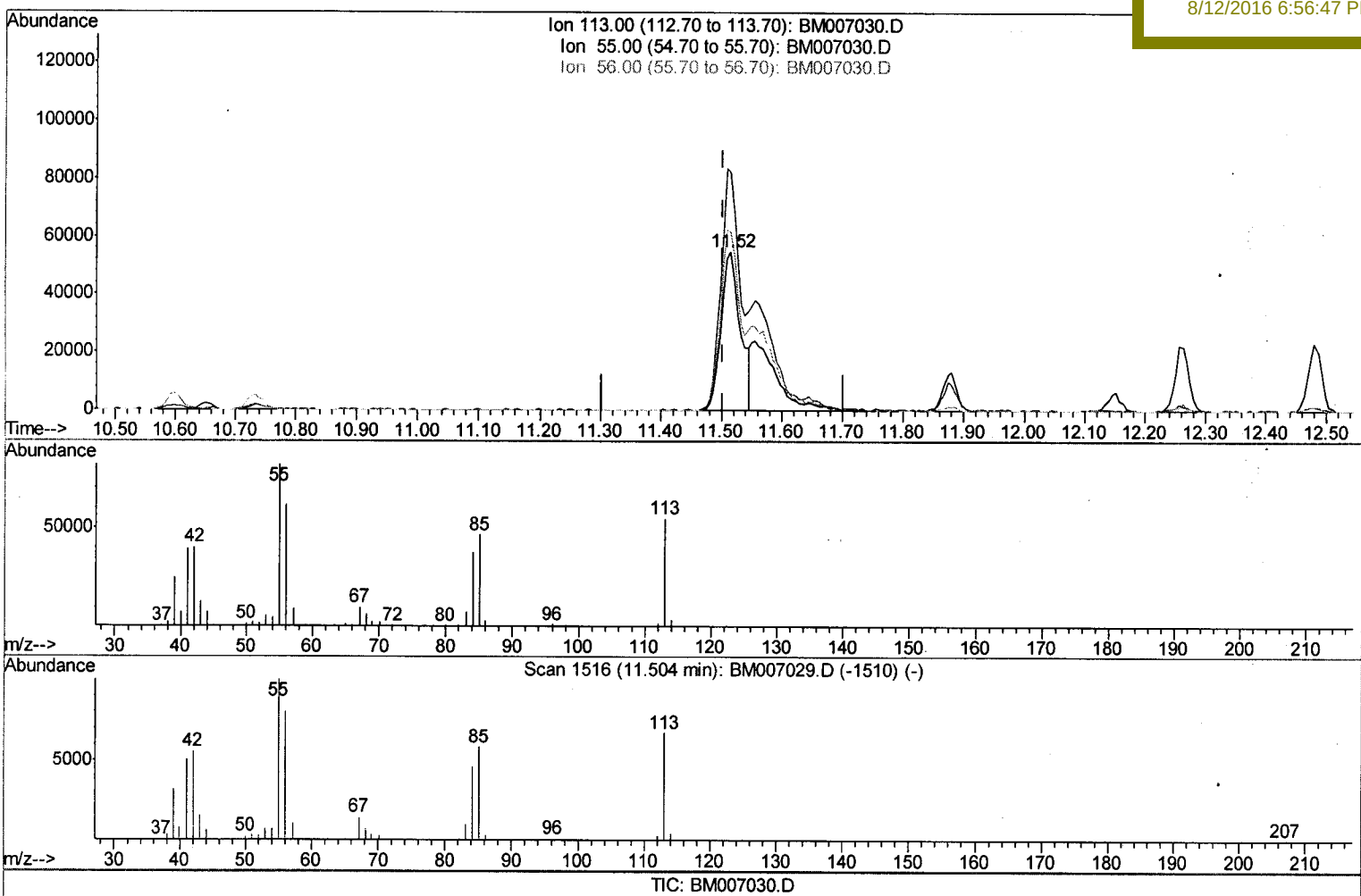

TIC: BM007030.D

(32) Caprolactam

11.516min (+0.012) 30.25ng/ul

response 120886

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	149.96
56.00	121.70	113.00
0.00	0.00	0.00