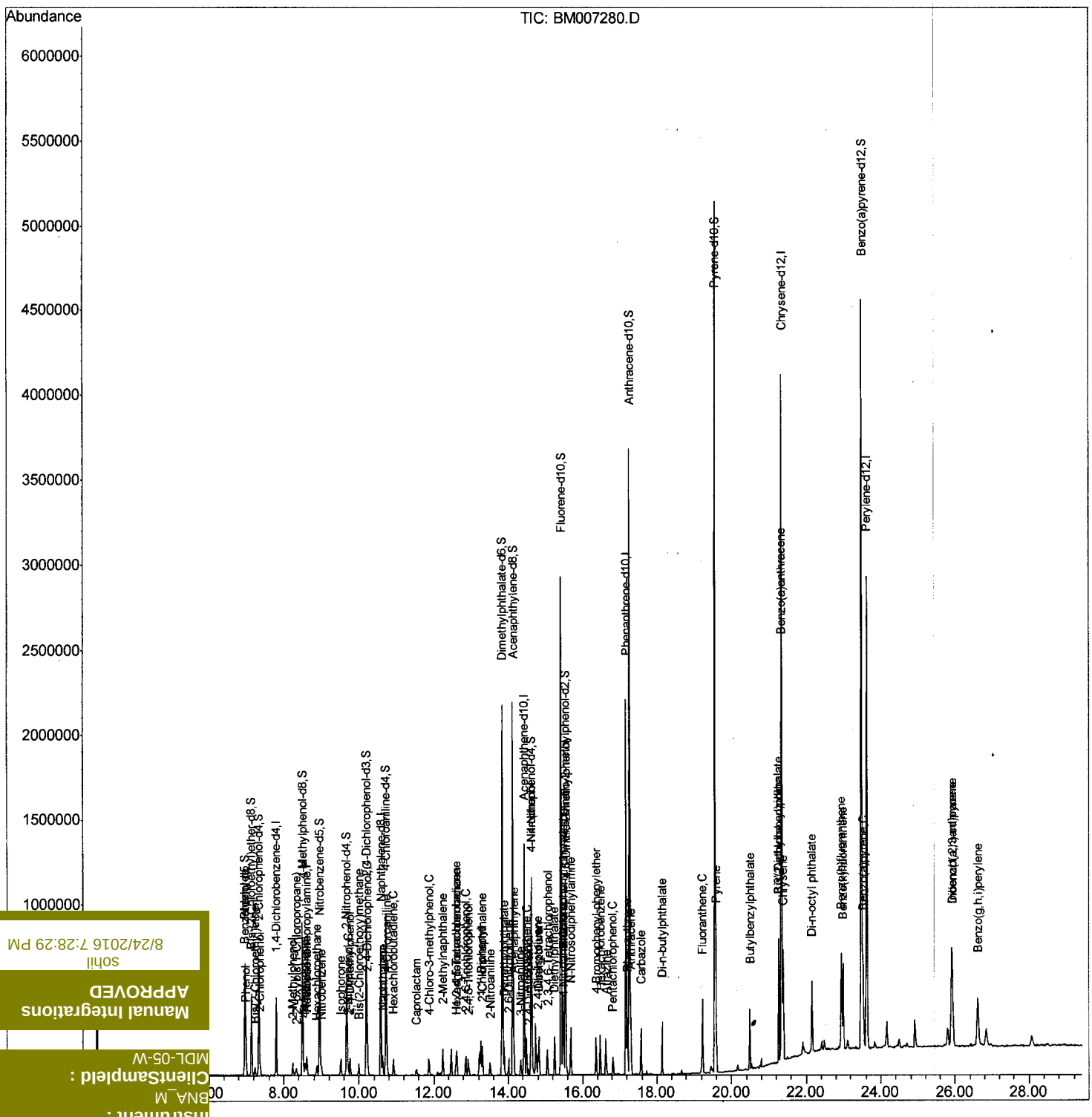
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007280.D
Acq On : 24 Aug 2016 16:06
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 24 16:53:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 24 13:51:40 2016
Response via : Initial Calibration



Manual Integrations APPROVED
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ClientSampleId : MDL-05-W
Instrument : BNA_M

Quantitation Report (QT Reviewed)

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Operator : UM/SJ
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Instrument : BNA_M
ClientSampleId : MDL-05-W

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	44061	2.96 ng/ul	95
37) Hexachlorocyclopentadiene	12.59	237	18980	2.12 ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	27124	2.58 ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	28009	2.55 ng/ul	95
40) 1,1'-Biphenyl	13.26	154	102239	2.95 ng/ul	97
41) 2-Chloronaphthalene	13.30	162	79340	2.92 ng/ul	96
42) 2-Nitroaniline	13.51	65	21728	2.45 ng/ul	93
44) Dimethylphthalate	13.89	163	120558	3.14 ng/ul#	99
45) 2,6-Dinitrotoluene	14.01	165	20765	2.65 ng/ul	96
47) Acenaphthylene	14.15	152	137652	3.00 ng/ul	96
48) 3-Nitroaniline	14.34	138	20837	2.60 ng/ul	96
49) Acenaphthene	14.49	153	87119	2.91 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	8748	1.64 ng/ul	87
52) 4-Nitrophenol	14.64	109	24523	3.17 ng/ul#	86
53) Dibenzofuran	14.83	168	136372	3.05 ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	33142	2.76 ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	30315	2.70 ng/ul	96
56) Diethylphthalate	15.25	149	118983	2.97 ng/ul	99
58) Fluorene	15.48	166	114661	3.11 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	60686	3.15 ng/ul	98
60) 4-Nitroaniline	15.50	138	25203	2.77 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.56	198	23821	2.85 ng/ul#	59
64) N-Nitrosodiphenylamine	15.69	169	100955	2.90 ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	40568	2.89 ng/ul	96
66) Hexachlorobenzene	16.48	284	46533	2.96 ng/ul	96
67) Atrazine	16.63	200	40631	2.77 ng/ul	97
68) Pentachlorophenol	16.83	266	21708	2.14 ng/ul	92
69) Phenanthrene	17.22	178	201243	3.01 ng/ul	100
71) Anthracene	17.30	178	205079	2.97 ng/ul	99
72) Carbazole	17.58	167	182372	3.04 ng/ul	99
73) Di-n-butylphthalate	18.14	149	204959	2.72 ng/ul	100
74) Fluoranthene	19.23	202	271183	3.23 ng/ul	97
77) Pyrene	19.59	202	297454	2.92 ng/ul	96
78) Butylbenzylphthalate	20.49	149	93846	2.21 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.27	252	104321	2.77 ng/ul	96
80) Benzo(a)anthracene	21.34	228	334940	2.99 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.27	149	151764	2.47 ng/ul	97
82) Chrysene	21.39	228	305709	3.02 ng/ul	99
84) Di-n-octyl phthalate	22.16	149	268385	2.52 ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	365804	2.89 ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	355545	3.04 ng/ul	99
88) Benzo(a)pyrene	23.53	252	376684	3.11 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	453927	3.05 ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	383750	3.10 ng/ul	96
91) Benzo(g,h,i)perylene	26.61	276	381366	3.02 ng/ul	96

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

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Sample : MDL-05-W
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 24 16:53:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 24 13:51:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	118267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	600619	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	446561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1245263	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1898404	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2142336	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7583	3.28	ng/uL	0.00
5) Phenol-d5	6.96	99	352304	31.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	207992	35.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	275928	33.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	310671	31.89	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	148701	33.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	172103	33.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	321012	31.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	455353	35.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1354797	35.17	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1513334	33.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	247729	34.06	ng/ul	0.00
57) Fluorene-d10	15.43	176	1158411	34.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	246660	31.50	ng/ul	0.00
70) Anthracene-d10	17.27	188	1990750	34.22	ng/ul	0.00
76) Pyrene-d10	19.57	212	2586645	32.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3303463	33.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	1581	0.61	ng/uL#	84
4) Benzaldehyde	6.95	77	23465	3.69	ng/ul	95
6) Phenol	6.99	94	32078	2.77	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.23	93	24846	3.08	ng/ul	97
10) 2-Chlorophenol	7.36	128	23153	2.74	ng/ul#	87
11) 2-Methylphenol	8.24	108	24998	2.76	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.33	45	27912	3.07	ng/ul#	91
14) Acetophenone	8.62	105	46637	3.12	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	22709	2.86	ng/ul#	97
16) 4-Methylphenol	8.56	108	27471	2.70	ng/ul	99
17) Hexachloroethane	8.87	117	10045	3.05	ng/ul	94
20) Nitrobenzene	8.99	77	35185	3.11	ng/ul	97
21) Isophorone	9.52	82	67267	2.92	ng/ul	99
23) 2-Nitrophenol	9.70	139	15705	2.81	ng/ul	93
phenol	9.76	107	35388	2.87	ng/ul	98
ethoxy)methane	10.00	93	36187	2.78	ng/ul	97
phenol	10.23	162	28698	2.82	ng/ul#	82
	10.63	128	90262	3.02	ng/ul	98
ine	10.75	127	39887	3.03	ng/ul	99
tadiene	10.92	225	20445	2.97	ng/ul	94
Caprolactam	11.53	113	9669m	2.36	ng/ul	
ethylphenol	11.87	107	32134	2.55	ng/ul	96
thalene	12.25	142	71099	2.91	ng/ul	96

Manual Integrations APPROVED
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ClientSampleId : MDL-05-W
Instrument : BNA_M

U.M 8/25/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007280.D
Acq On : 24 Aug 2016 16:06
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 33 Sample Multiplier: 1

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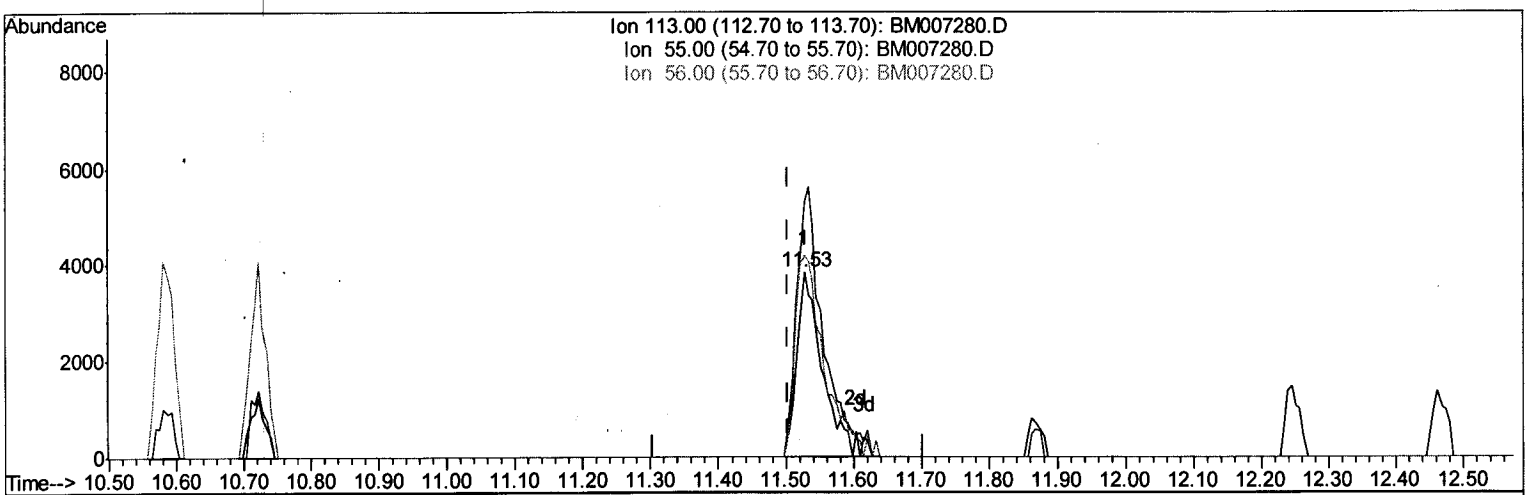

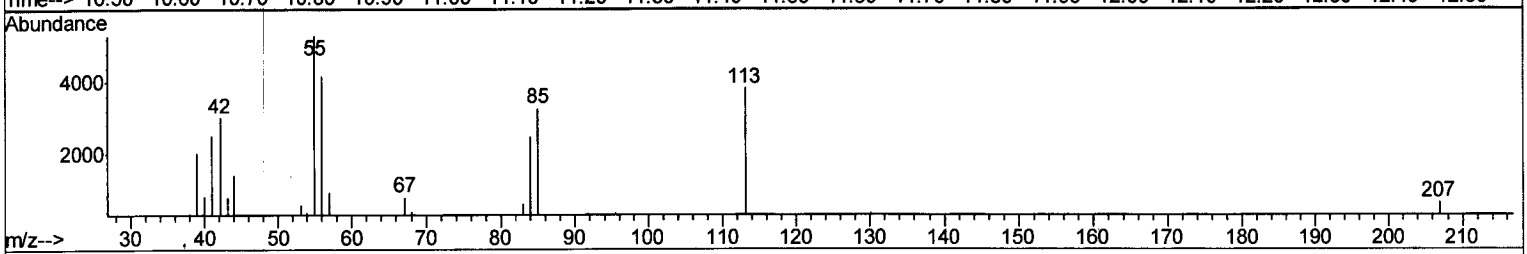

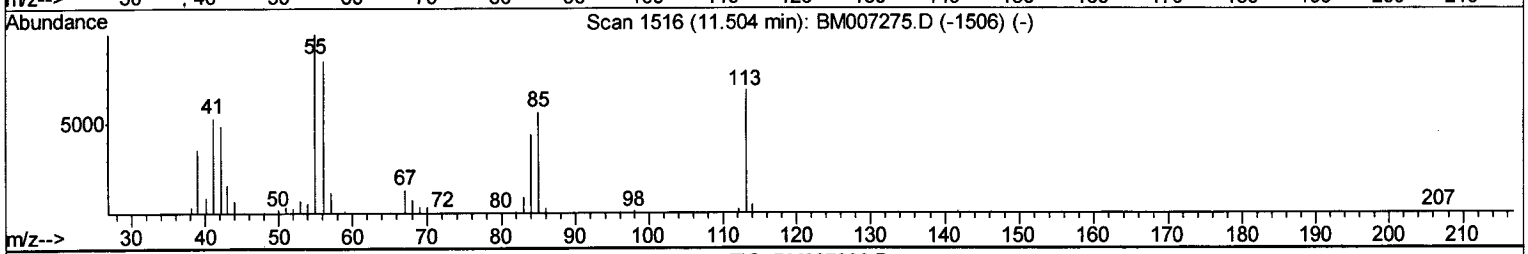

TIC: BM007280.D

(32) Caprolactam

11.527min (+0.024) 2.36ng/ul m

VoM
9/25/16

Act%

100

55.00 152.40 138.38

109.17

0.00

Instrument :
BNA_M
ClientSampleId :
MDL-05-W
Manual Integrations
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Quantitation Report (Qedit)

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Acq On : 24 Aug 2016 16:06
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 24 16:50:08 2016
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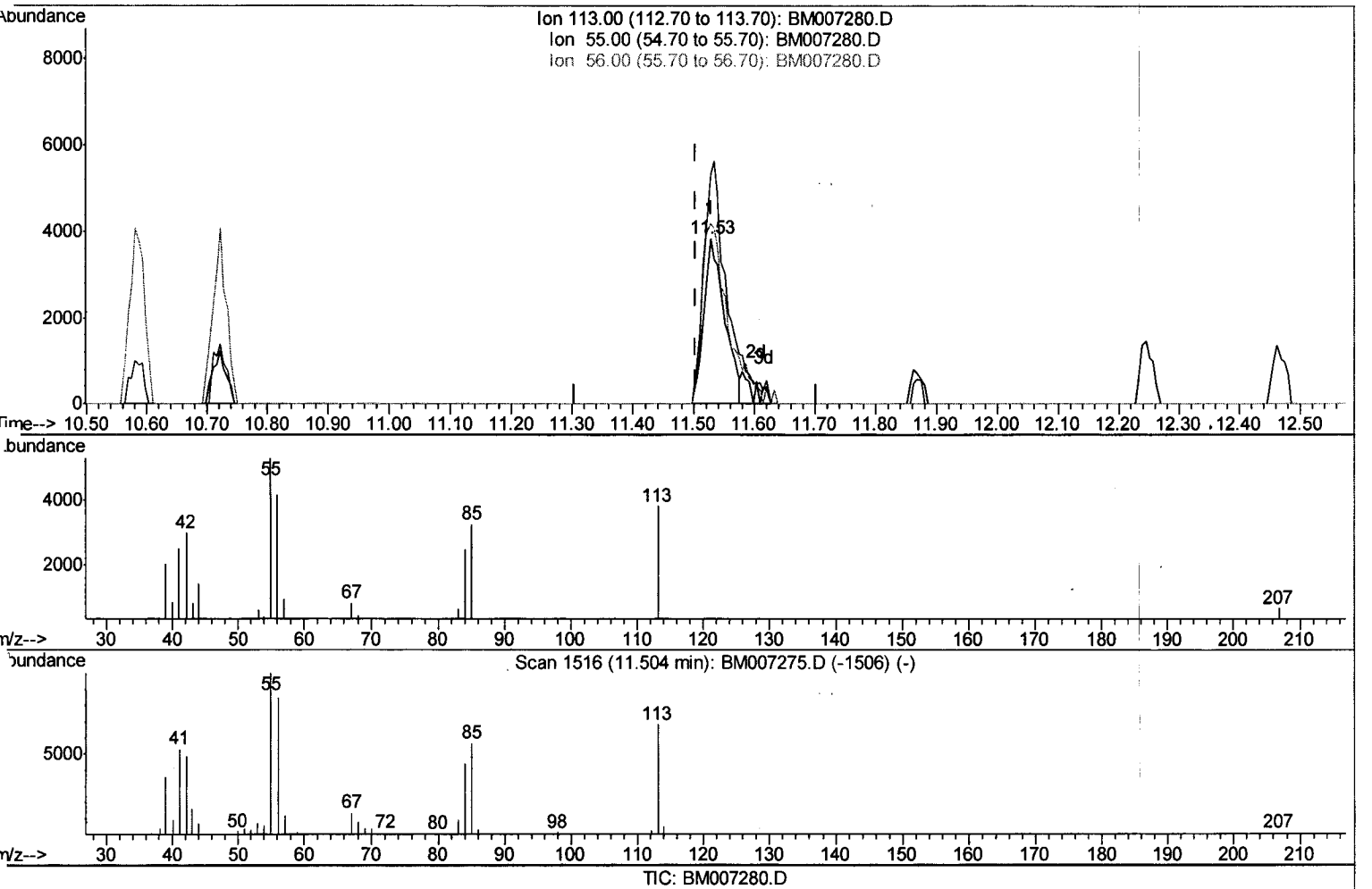

(32) Caprolactam

11.527min (+0.024) 2.20ng/ul

response 9021

Ion	Exp%	Act%
		00
		38.38
		09.17
		.00

Manual Integrations APPROVED
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Instrument :
BNA_M
ClientSampleId :
MDL-05-W