Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000071.D
Acq On : 29 Dec 2014 22:06
Operator : TP
Sample : MDL-04-S
Misc : MDL--SOIL-4PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:21:00 AM

Quant Time: Dec 31 06:15:26 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	252830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1110462	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	800646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1603570	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1477908	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1162938	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	25811	5.92	ng/uL	0.00
5) Phenol-d5	7.01	99	753613	34.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	481805	35.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	557055	35.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	605264	34.98	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	284925	37.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	305031	38.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	581813	33.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	794738	40.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2074671	35.13	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2428948	34.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	300683	31.52	ng/ul	0.00
57) Fluorene-d10	15.48	176	1722952	33.98	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	196853	24.75	ng/ul	0.00
70) Anthracene-d10	17.32	188	2661607	35.89	ng/ul	0.00
76) Pyrene-d10	19.61	212	2827912	41.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1992738	37.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	19047	3.15	ng/uL#	94
4) Benzaldehyde	6.98	77	50523	3.70	ng/ul	94
6) Phenol	7.03	94	68765	3.02	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	59347	3.40	ng/ul	94
10) 2-Chlorophenol	7.41	128	50202	3.08	ng/ul	98
11) 2-Methylphenol	8.28	108	52584	2.99	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	90417	3.22	ng/ul	96
14) Acetophenone	8.66	105	89213	3.02	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	49943	3.23	ng/ul	98
16) 4-Methylphenol	8.61	108	55675	2.93	ng/ul	97
17) Hexachloroethane	8.93	117	23261	3.12	ng/ul	93
20) Nitrobenzene	9.04	77	74788	3.27	ng/ul	99
21) Isophorone	9.57	82	133993	3.04	ng/ul	99
23) 2-Nitrophenol	9.75	139	29260	3.38	ng/ul#	94
24) 2,4-Dimethylphenol	9.81	107	71477	3.04	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	77227	3.14	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	54035	3.13	ng/ul#	85
28) Naphthalene	10.69	128	178222	3.15	ng/ul	99
30) 4-Chloroaniline	10.79	127	64363	3.17	ng/ul	94
31) Hexachlorobutadiene	10.97	225	39430	3.22	ng/ul	95
32) Caprolactam	11.59	113	14754m	2.56	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	61018	2.88	ng/ul#	90
34) 2-Methylnaphthalene	12.30	142	135377	3.22	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	68674	3.09	ng/ul#	93
37) Hexachlorocyclopentadiene	12.65	237	38430	2.62	ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	39984	2.82	ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	43108	2.80	ng/ul	99
40) 1,1'-Biphenyl	13.32	154	178610	3.10	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	139832	3.16	ng/ul	96
42) 2-Nitroaniline	13.56	65	38815	2.71	ng/ul	92
44) Dimethylphthalate	13.93	163	190848	3.24	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	28036	2.67	ng/ul#	81
47) Acenaphthylene	14.20	152	226567	3.04	ng/ul	98
48) 3-Nitroaniline	14.38	138	31365	2.91	ng/ul	86
49) Acenaphthene	14.54	153	147223	3.10	ng/ul	96
50) 2,4-Dinitrophenol	14.59	184	7528	1.41	ng/ul#	82
52) 4-Nitrophenol	14.68	109	37587	2.96	ng/ul	93
53) Dibenzofuran	14.87	168	211567	3.07	ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	44309	2.82	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.10	232	36434	2.75	ng/ul#	92
56) Diethylphthalate	15.29	149	187136	3.03	ng/ul	99
58) Fluorene	15.52	166	174221	3.05	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	89830	3.19	ng/ul	94
60) 4-Nitroaniline	15.53	138	33770	2.77	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.59	198	19240	2.36	ng/ul#	29
64) N-Nitrosodiphenylamine	15.73	169	149740	3.22	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	52997	3.24	ng/ul#	90
66) Hexachlorobenzene	16.53	284	60854	3.23	ng/ul	97
67) Atrazine	16.68	200	54715	2.98	ng/ul	96
68) Pentachlorophenol	16.87	266	23780	2.08	ng/ul	91
69) Phenanthrene	17.26	178	282572	3.26	ng/ul	100
71) Anthracene	17.35	178	280125	3.14	ng/ul	99
72) Carbazole	17.63	167	250350	3.11	ng/ul	99
73) Di-n-butylphthalate	18.19	149	296978	3.10	ng/ul	98
74) Fluoranthene	19.27	202	320631	3.22	ng/ul#	94
77) Pyrene	19.64	202	339767	3.81	ng/ul#	91
78) Butylbenzylphthalate	20.54	149	110685	3.06	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.33	252	77389	2.86	ng/ul	98
80) Benzo(a)anthracene	21.39	228	287157	3.37	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	158503	3.01	ng/ul#	98
82) Chrysene	21.44	228	259776	3.30	ng/ul	98
84) Di-n-octyl phthalate	22.22	149	225359	2.82	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	240979	3.25	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	214477	3.39	ng/ul	99
88) Benzo(a)pyrene	23.60	252	220246	3.38	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	211266	3.11	ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	176003	3.07	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	171399	3.07	ng/ul	99

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

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BNA_M
ClientSampleId :
MDL-Soil-5

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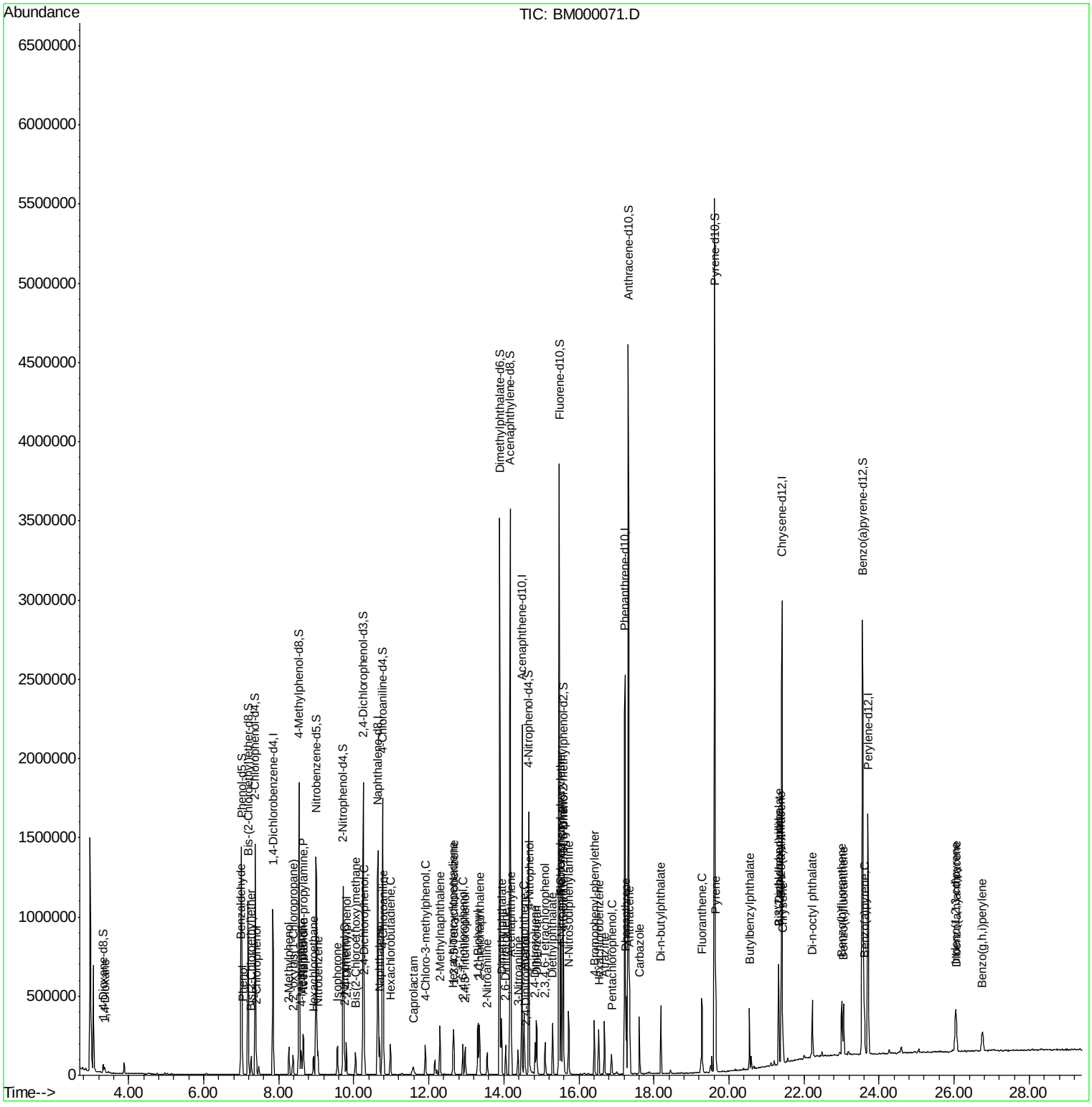
1/7/2015 9:21:00 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000071.D
Acq On : 29 Dec 2014 22:06
Operator : TP
Sample : MDL-04-S
Misc : MDL--SOIL-4PPM
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Quant Time: Dec 31 03:05:10 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
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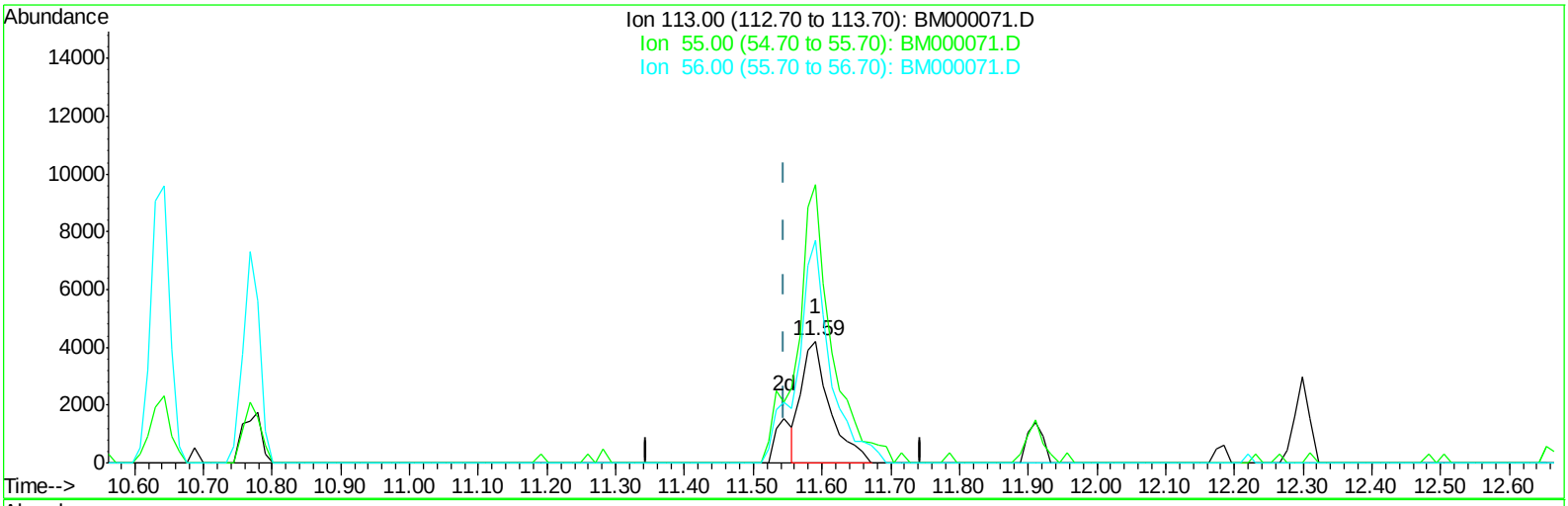
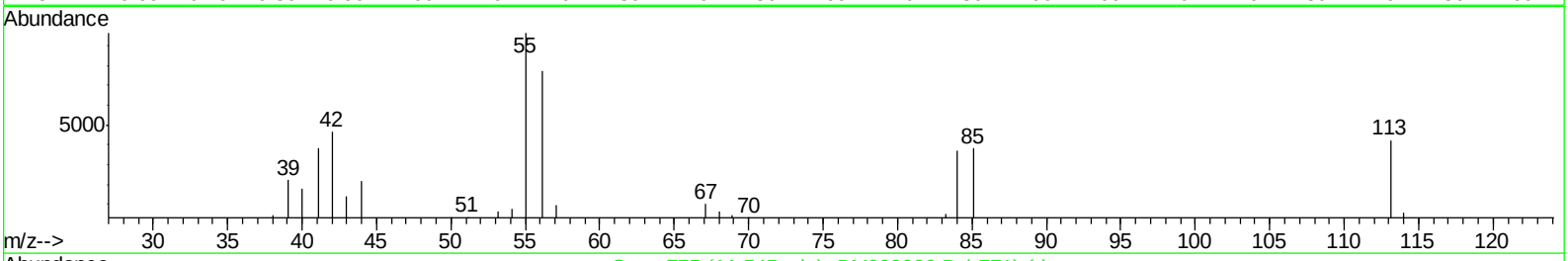
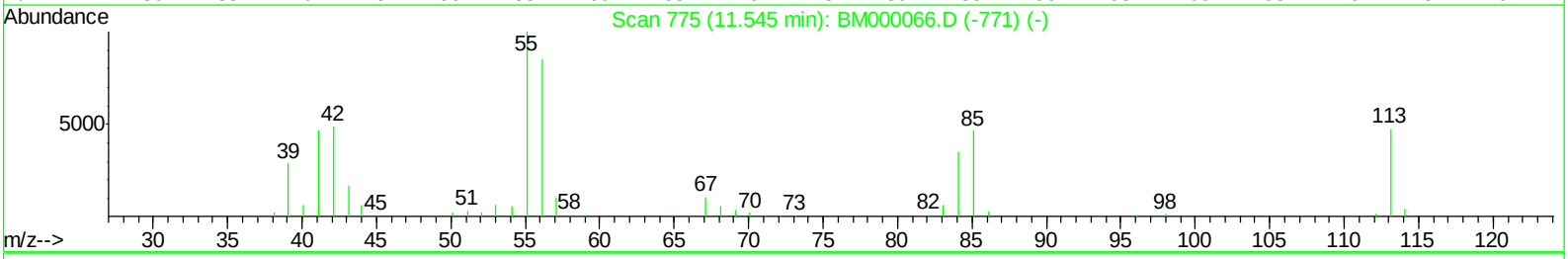
Instrument :
BNA_M
ClientSampleId :
MDL-Soil-5

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:21:00 AM







TIC: BM000071.D

(32) Caprolactam

11.591min (+0.046) 2.09ng/ul

response 12047

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	228.38
56.00	157.90	182.86
0.00	0.00	0.00

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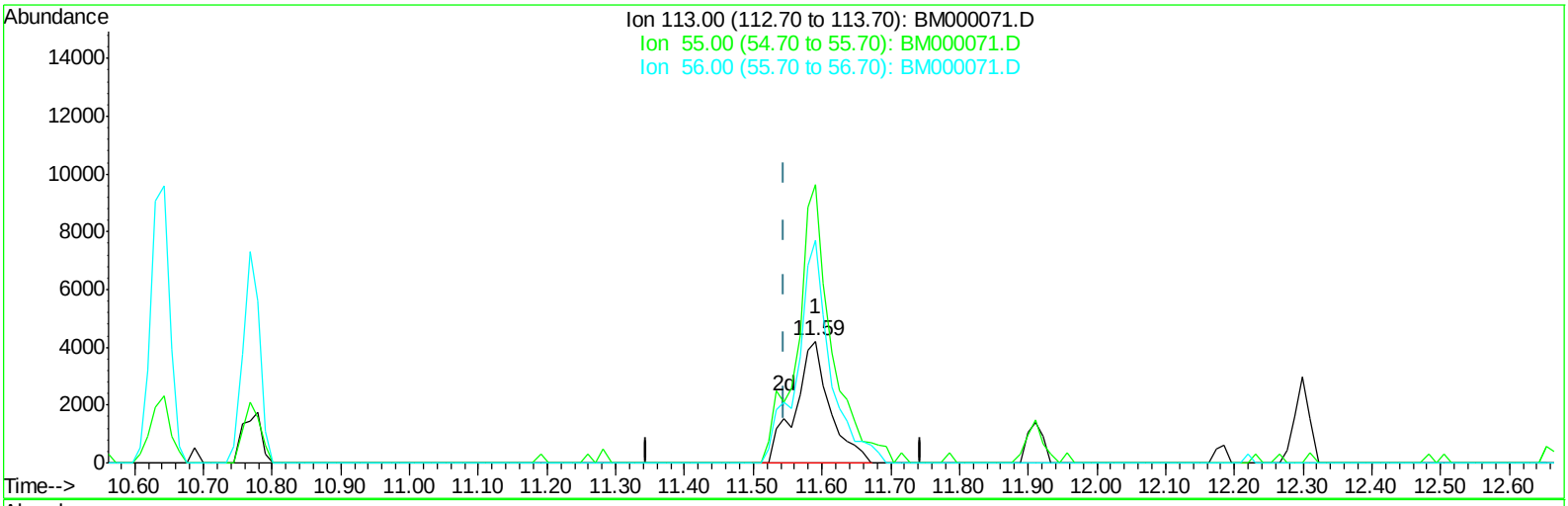

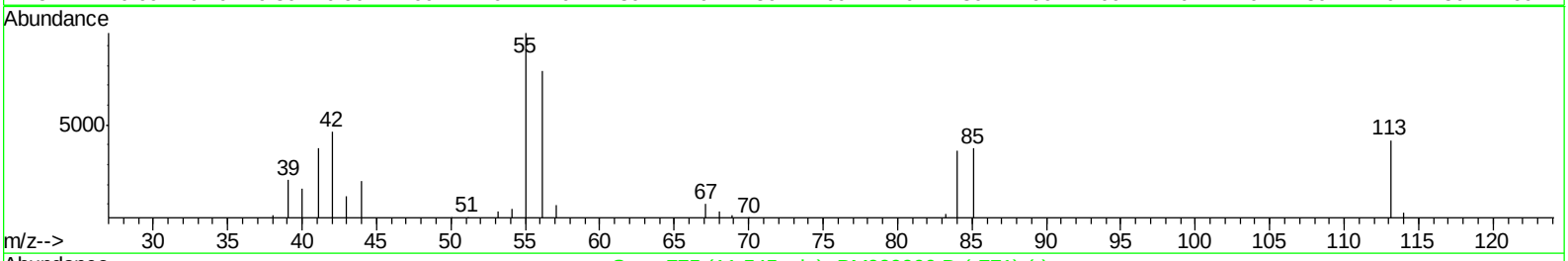

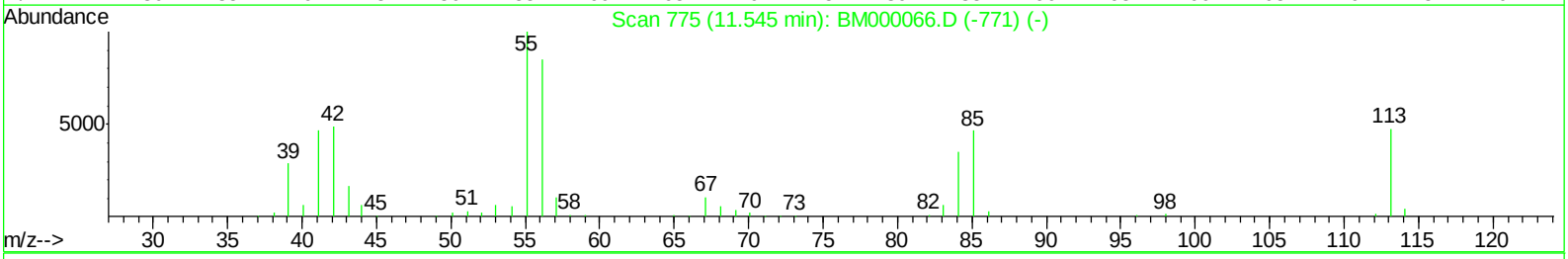

TIC: BM000071.D

(32) Caprolactam

11.591min (+0.046) 2.56ng/ul m

response 14754

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	228.38
56.00	157.90	182.86
0.00	0.00	0.00