Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023467.D
Acq On : 5 Aug 2016 1:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02008

Manual Integrations APPROVED
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8/5/2016 7:00:07 PM

Quant Time: Aug 05 03:44:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:31:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	102842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	487911	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	365173	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	954932	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	964082	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	933412	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	18792	7.77	ng/uL	0.00
5) Phenol-d5	7.27	99	218696	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	140254	21.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	146024	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	172168	21.29	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	76301	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	92445	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	179263	21.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	223314	22.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	645602	21.59	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	728051	21.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	107739	21.11	ng/ul	0.00
57) Fluorene-d10	15.78	176	579930	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	125728	20.52	ng/ul	0.00
70) Anthracene-d10	17.64	188	938493	21.81	ng/ul	0.00
76) Pyrene-d10	19.93	212	1042128	21.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	899960	21.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	20578	8.11	ng/uL#	83
4) Benzaldehyde	7.25	77	138404	21.92	ng/ul	89
6) Phenol	7.30	94	214668	19.90	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.53	93	165943	21.19	ng/ul	96
10) 2-Chlorophenol	7.68	128	149347	20.75	ng/ul#	83
11) 2-Methylphenol	8.56	108	166850	20.54	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.65	45	226125	21.10	ng/ul	100
14) Acetophenone	8.95	105	276773	21.34	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.92	70	167274	21.43	ng/ul#	87
16) 4-Methylphenol	8.89	108	185929	20.42	ng/ul	90
17) Hexachloroethane	9.21	117	61040	19.65	ng/ul#	70
20) Nitrobenzene	9.33	77	227025	20.14	ng/ul#	84
21) Isophorone	9.86	82	443926	21.41	ng/ul#	91
23) 2-Nitrophenol	10.06	139	98153	20.58	ng/ul#	66
24) 2,4-Dimethylphenol	10.11	107	218863	20.92	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.34	93	250099	20.91	ng/ul#	94
27) 2,4-Dichlorophenol	10.60	162	177428	21.12	ng/ul	96
28) Naphthalene	11.00	128	518453	20.93	ng/ul	98
30) 4-Chloroaniline	11.11	127	223014	22.99	ng/ul	94
31) Hexachlorobutadiene	11.28	225	116153	20.76	ng/ul	94
32) Caprolactam	11.87	113	73812m	21.15	ng/ul	
33) 4-Chloro-3-methylphenol	12.23	107	234251	21.66	ng/ul#	82
34) 2-Methylnaphthalene	12.61	142	422656	21.04	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	240766	21.47 ng/ul	97
37) Hexachlorocyclopentadiene	12.95	237	124401	20.06 ng/ul	97
38) 2,4,6-Trichlorophenol	13.21	196	165918	21.37 ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	177923	21.37 ng/ul	99
40) 1,1'-Biphenyl	13.61	154	567792	21.16 ng/ul	98
41) 2-Chloronaphthalene	13.66	162	445292	21.34 ng/ul	99
42) 2-Nitroaniline	13.86	65	183380	21.52 ng/ul#	70
44) Dimethylphthalate	14.23	163	630805	21.31 ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	133198	20.75 ng/ul#	83
47) Acenaphthylene	14.50	152	766195	21.77 ng/ul	98
48) 3-Nitroaniline	14.69	138	130031	21.55 ng/ul#	63
49) Acenaphthene	14.84	153	510079	21.27 ng/ul	95
50) 2,4-Dinitrophenol	14.90	184	81180	20.50 ng/ul#	80
52) 4-Nitrophenol	15.01	109	97287	19.03 ng/ul#	70
53) Dibenzofuran	15.18	168	752633	21.18 ng/ul#	88
54) 2,4-Dinitrotoluene	15.14	165	204753	21.05 ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.41	232	180610	21.12 ng/ul	94
56) Diethylphthalate	15.59	149	667550	21.57 ng/ul	94
58) Fluorene	15.83	166	634888	21.45 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.82	204	315443	21.19 ng/ul	98
60) 4-Nitroaniline	15.85	138	156742	22.40 ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.91	198	132533	20.61 ng/ul#	84
64) N-Nitrosodiphenylamine	16.04	169	578376	21.67 ng/ul	97
65) 4-Bromophenyl-phenylether	16.72	248	227928	20.81 ng/ul	96
66) Hexachlorobenzene	16.84	284	247476	21.21 ng/ul	97
67) Atrazine	16.99	200	234759	21.30 ng/ul	100
68) Pentachlorophenol	17.19	266	132495	20.58 ng/ul#	85
69) Phenanthrene	17.59	178	1073088	21.70 ng/ul	98
71) Anthracene	17.67	178	1104963	21.90 ng/ul	99
72) Carbazole	17.95	167	968130	23.81 ng/ul	99
73) Di-n-butylphthalate	18.49	149	1152641	22.63 ng/ul#	95
74) Fluoranthene	19.60	202	1278644	25.25 ng/ul#	93
77) Pyrene	19.96	202	1299469	21.80 ng/ul	94
78) Butylbenzylphthalate	20.84	149	507969	22.22 ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.75	252	385963	22.72 ng/ul#	95
80) Benzo(a)anthracene	21.83	228	1169365	21.54 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	685347	22.55 ng/ul#	97
82) Chrysene	21.90	228	1051830	21.31 ng/ul	94
84) Di-n-octyl phthalate	22.98	149	1129521	23.96 ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1157596	21.80 ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	1097225	20.99 ng/ul#	91
88) Benzo(a)pyrene	25.07	252	1094513	21.35 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.09	276	1280104	21.25 ng/ul#	88
90) Dibenzo(a,h)anthracene	29.15	278	1096679	21.35 ng/ul#	91
91) Benzo(g,h,i)perylene	30.30	276	1032462	20.67 ng/ul#	88

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

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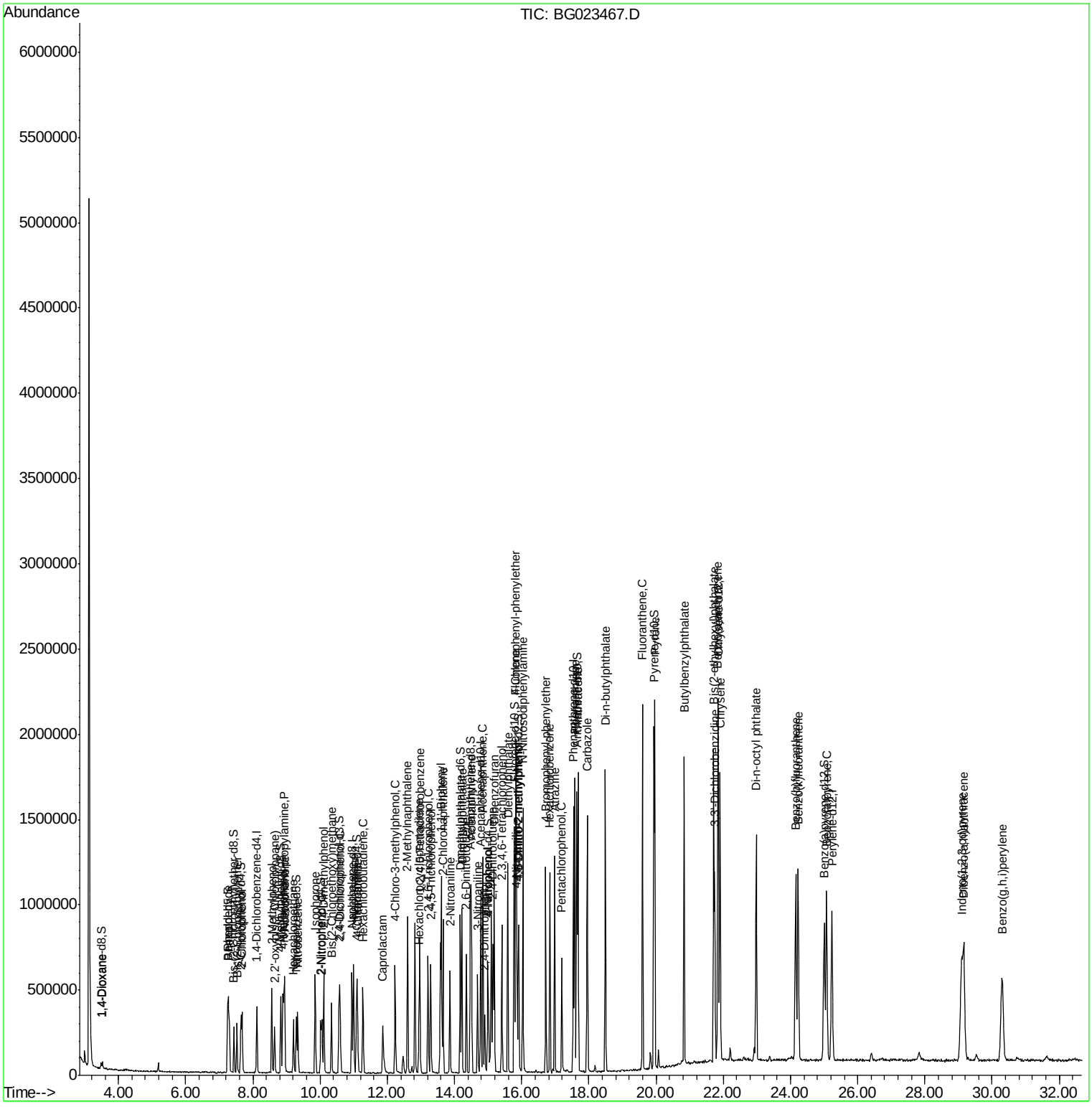

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023467.D
Acq On : 5 Aug 2016 1:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 02:36:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02008

Manual Integrations APPROVED
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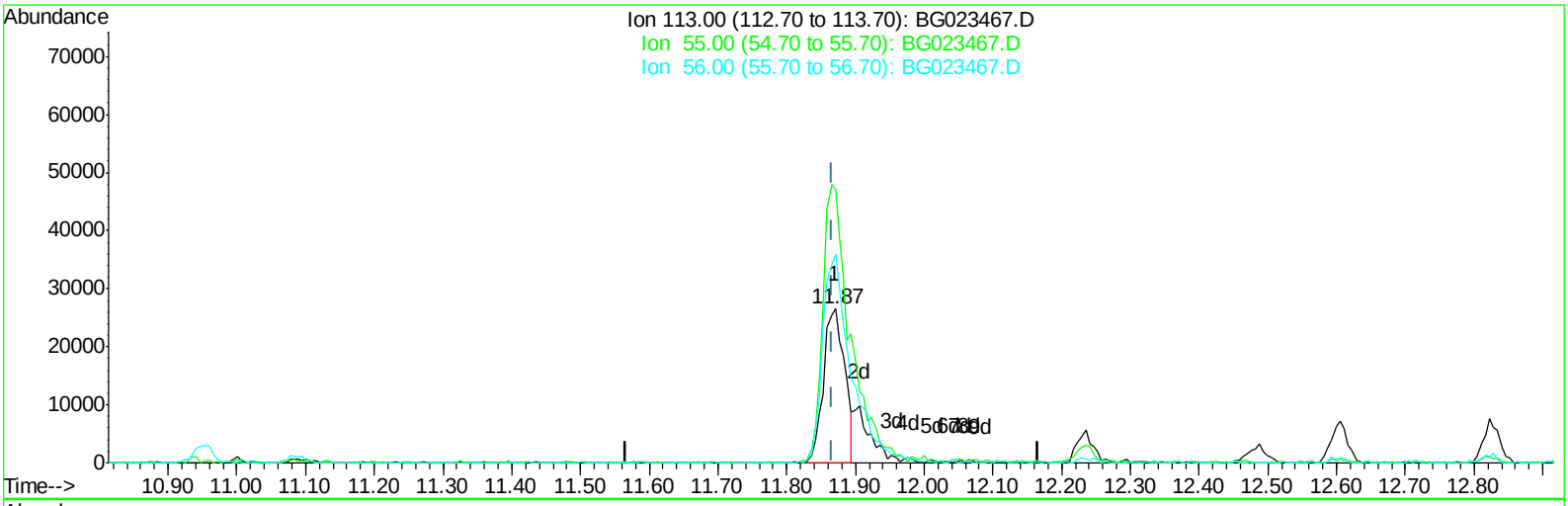

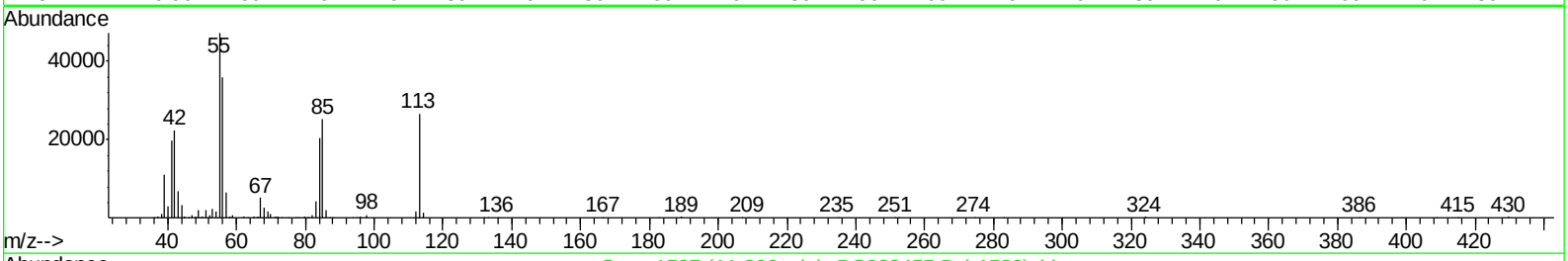

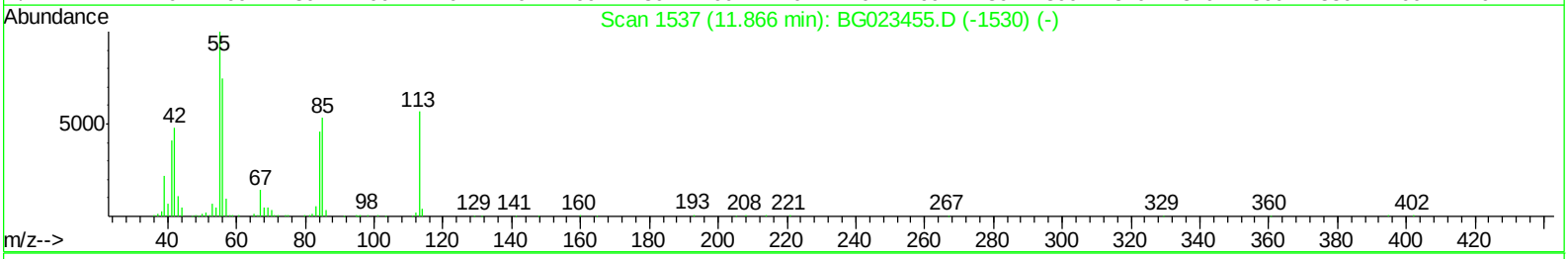

TIC: BG023467.D

(32) Caprolactam

11.871min (+0.005) 16.51ng/ul

response 57601

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	177.53#
56.00	83.00	135.30#
0.00	0.00	0.00

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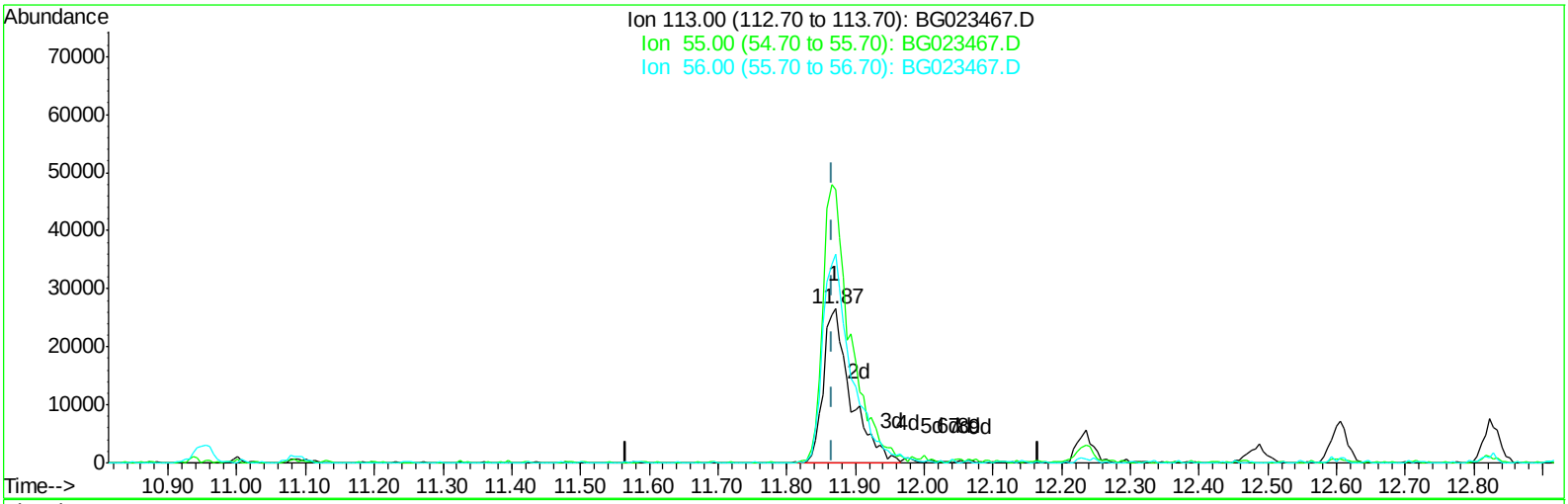

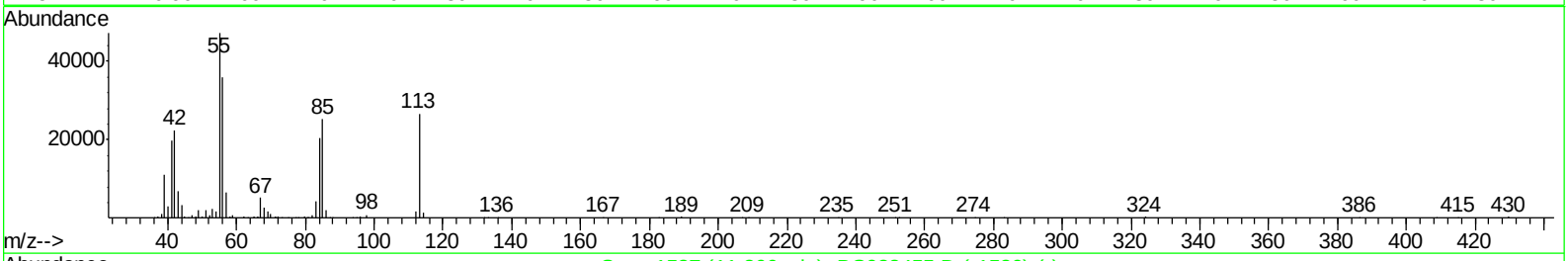

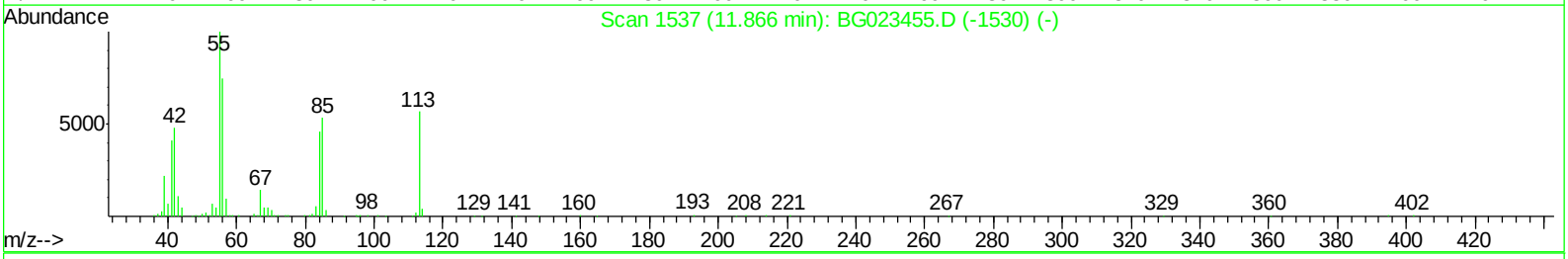

TIC: BG023467.D

(32) Caprolactam

11.871min (+0.005) 21.15ng/ul m

response 73812

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	177.53#
56.00	83.00	135.30#
0.00	0.00	0.00