

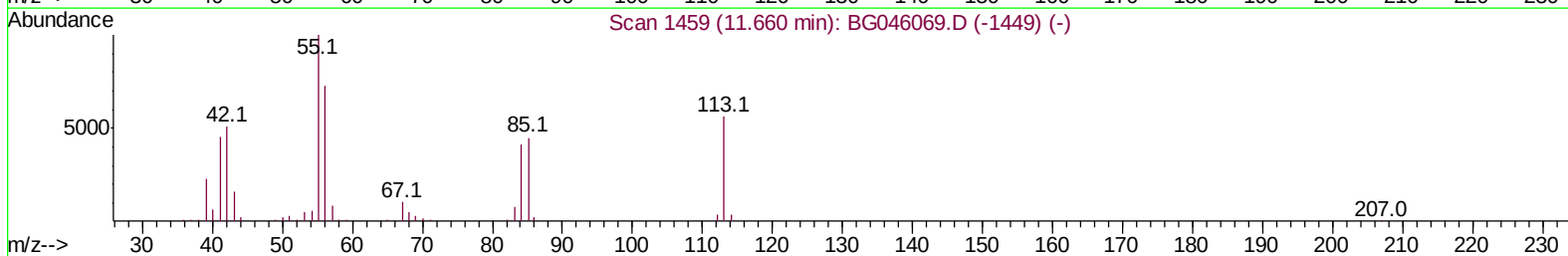
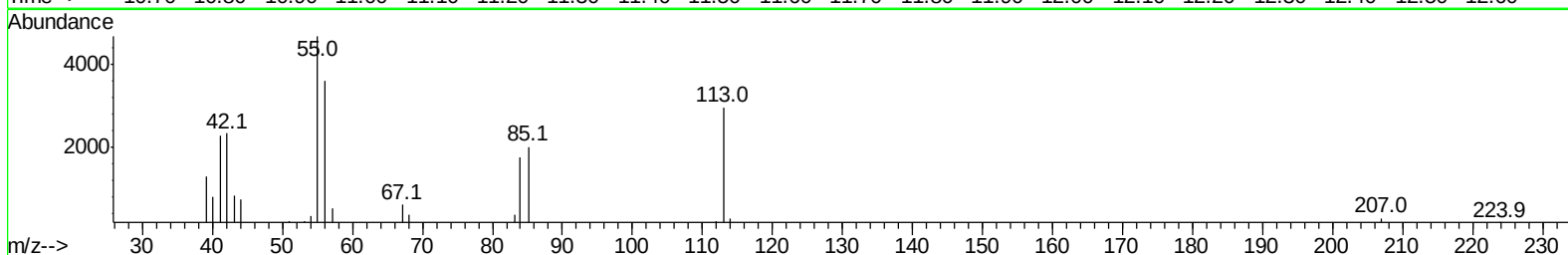
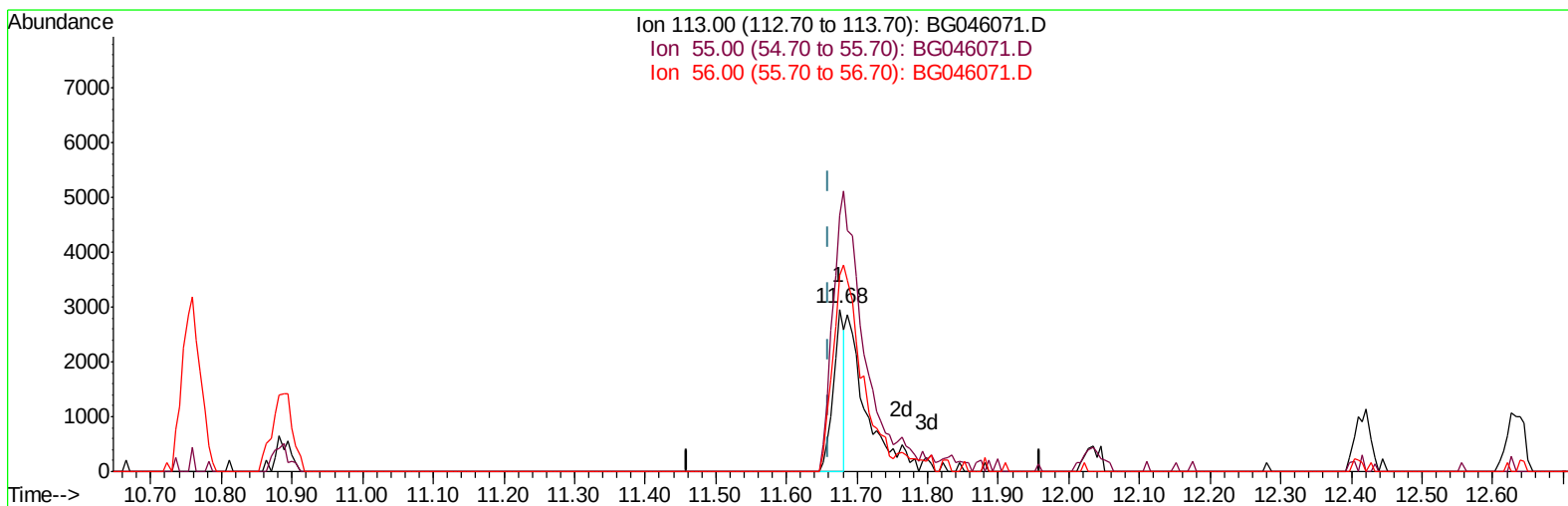
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046071.D
Acq On : 24 Jul 2020 19:40
Operator : CG/JU
Sample : L1955-15
Misc : MDL-SOILME-01
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:46 PM

Quant Time: Jul 24 23:44:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration



TIC: BG046071.D

(32) Caprolactam

11.675min (+0.015) 1.26ng/ul

response 3283

Ion	Exp%	Act%
113.00	100	100
55.00	179.70	157.87
56.00	123.70	120.98
0.00	0.00	0.00

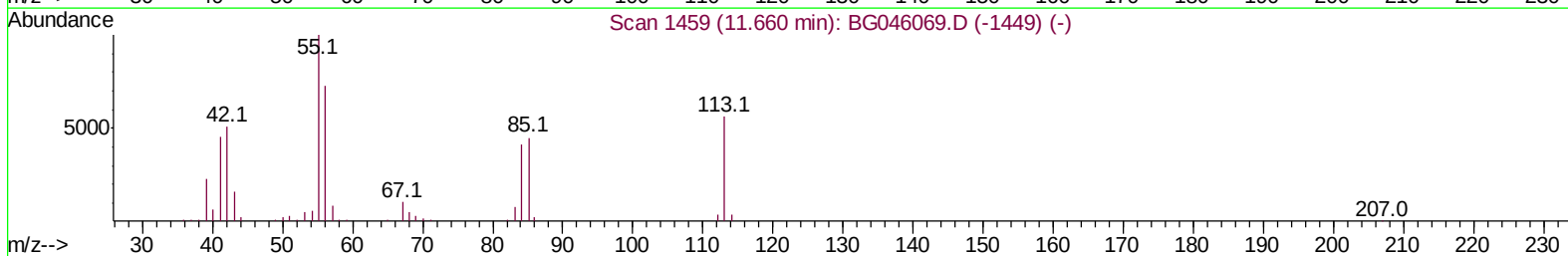
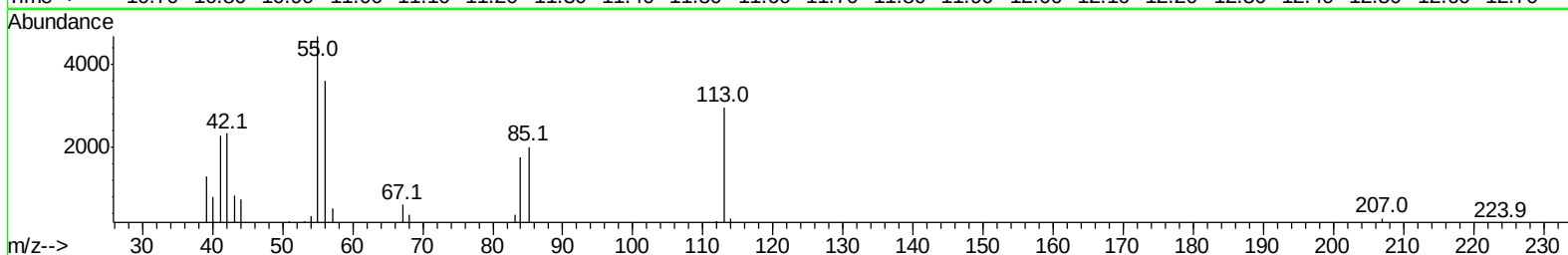
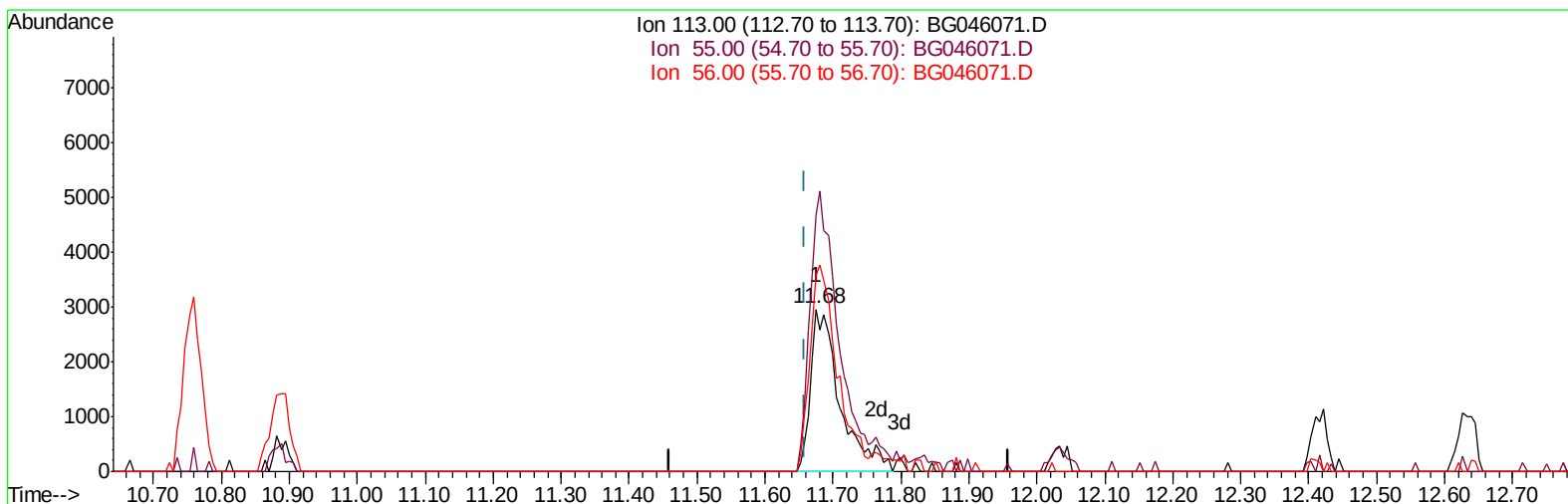
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TIC: BG046071.D

(32) Caprolactam

11.675min (+0.015) 3.41ng/ul m

response 8864

Ion	Exp%	Act%
113.00	100	100
55.00	179.70	157.87
56.00	123.70	120.98
0.00	0.00	0.00

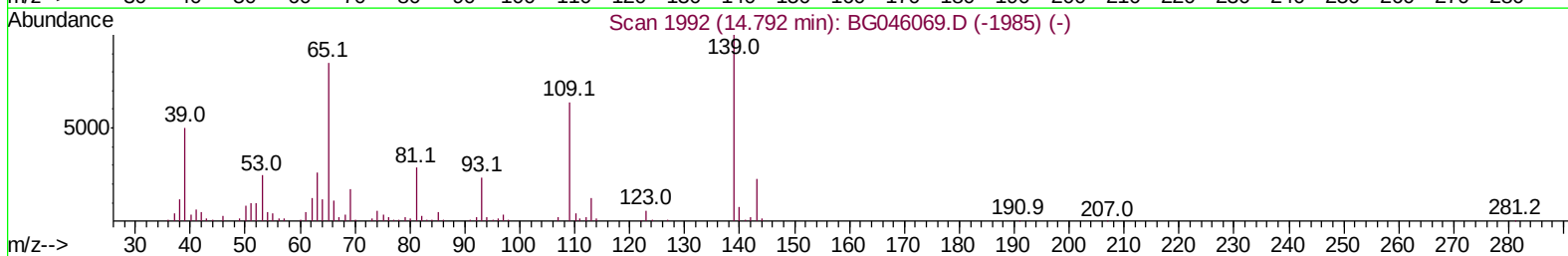
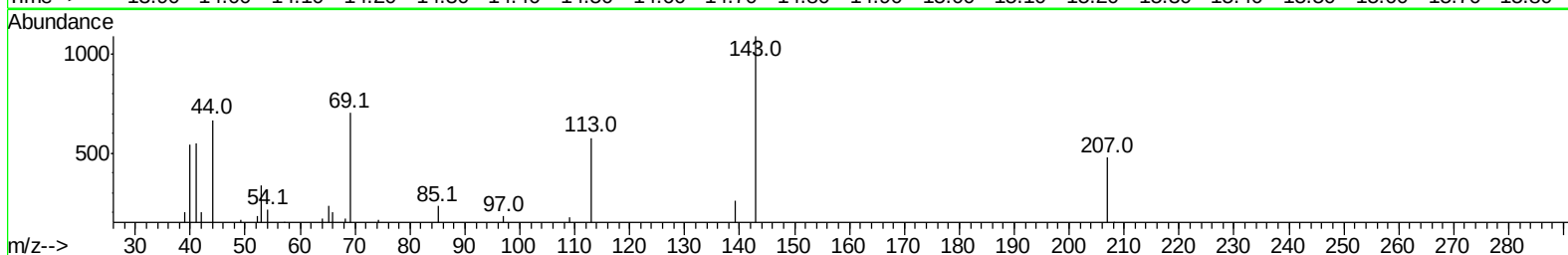
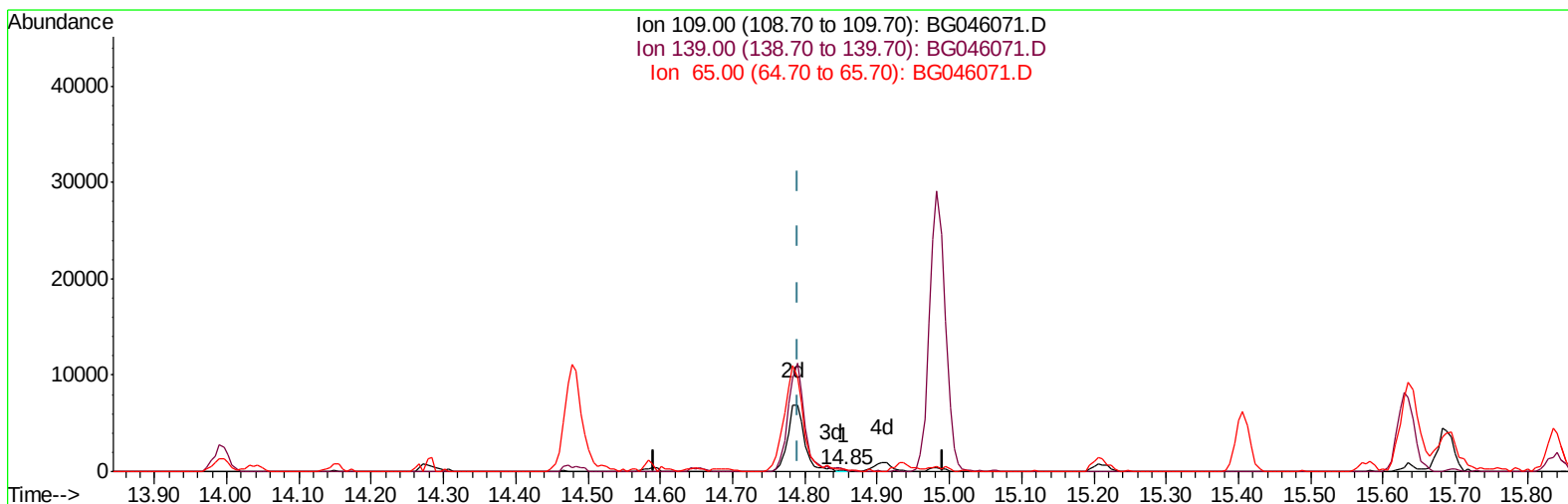
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TIC: BG046071.D

(53) 4-Nitrophenol

14.854min (+0.062) 0.04ng/ul

response 125

Ion	Exp%	Act%
109.00	100	100
139.00	150.20	144.13
65.00	124.50	129.61
0.00	0.00	0.00

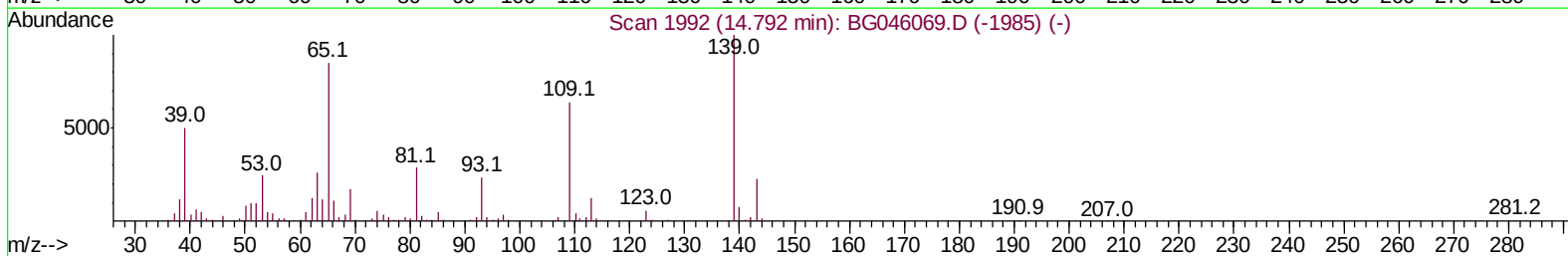
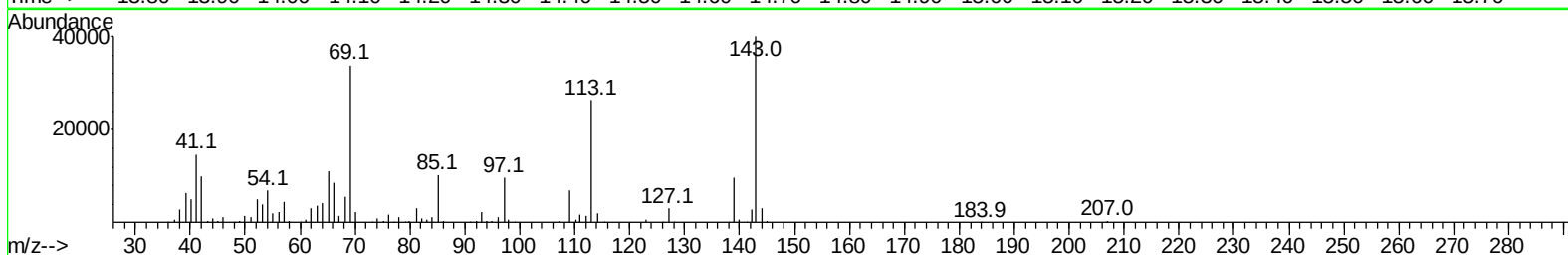
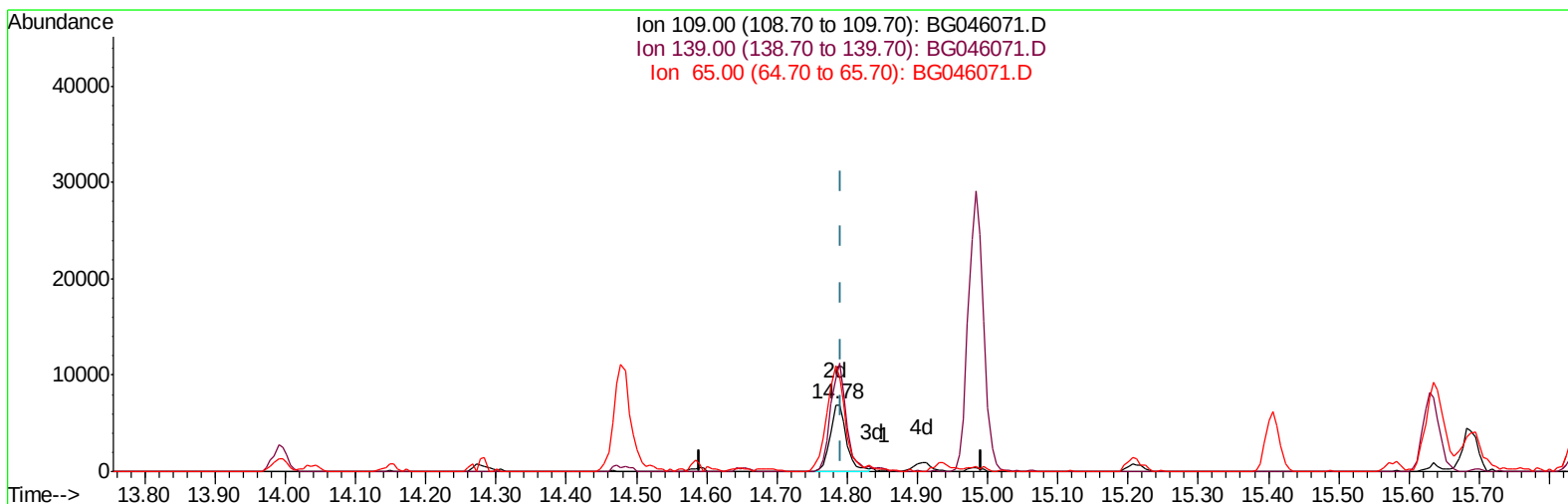
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
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TIC: BG046071.D

(53) 4-Nitrophenol

14.783min (-0.008) 3.70ng/ul m

response 11074

Ion	Exp%	Act%
109.00	100	100
139.00	150.20	139.32
65.00	124.50	159.06#
0.00	0.00	0.00

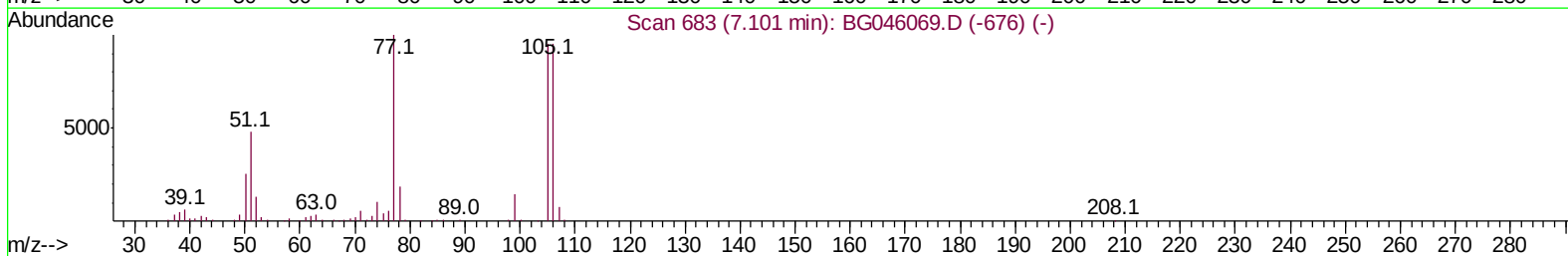
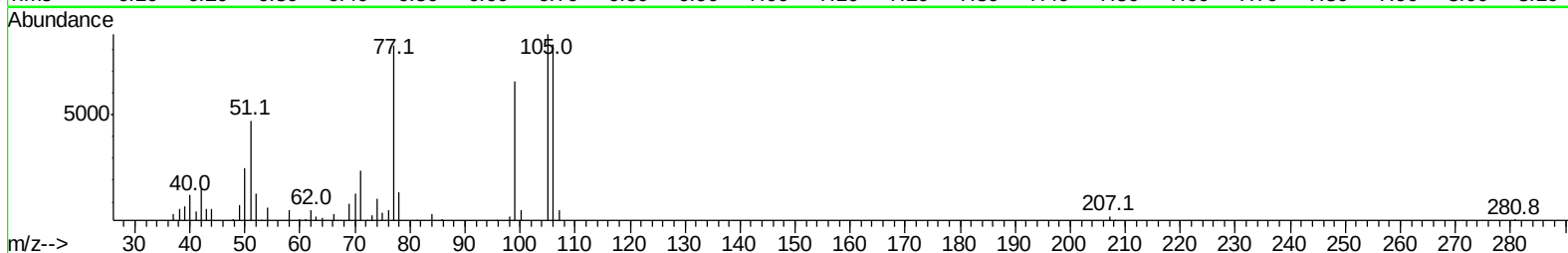
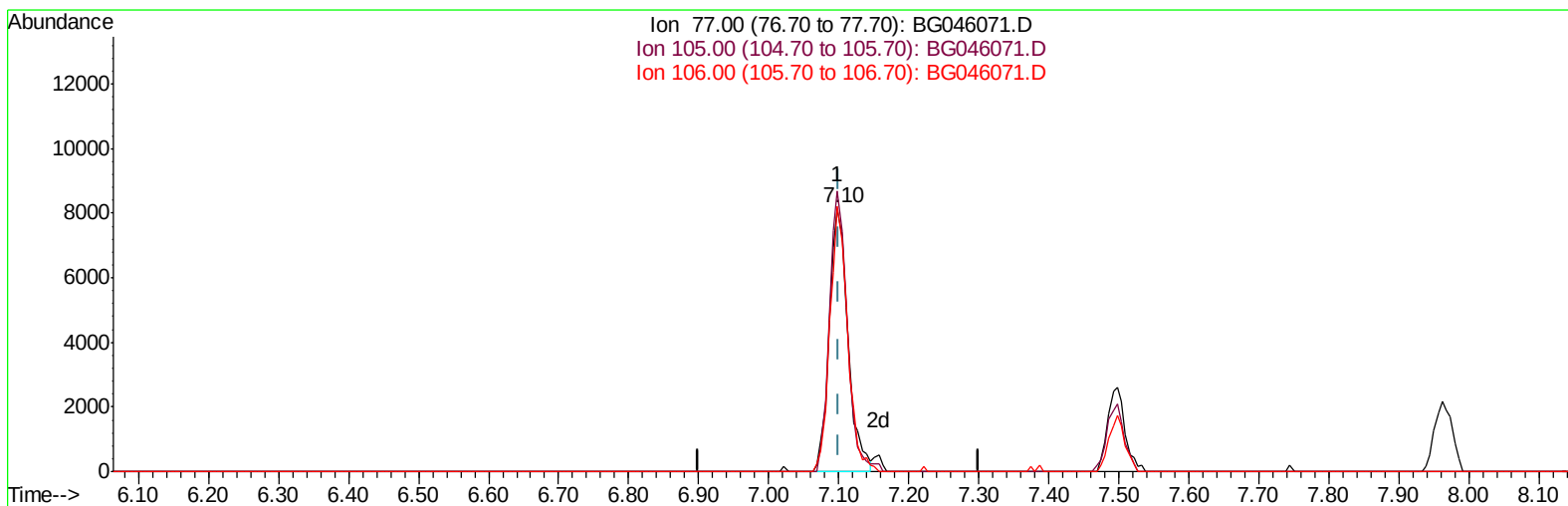
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Manual Integrations
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TIC: BG046071.D

(4) Benzaldehyde

7.098min (-0.002) 2.42ng/ul

response 15110

Ion	Exp%	Act%
77.00	100	100
105.00	99.30	106.72
106.00	98.20	100.92
0.00	0.00	0.00

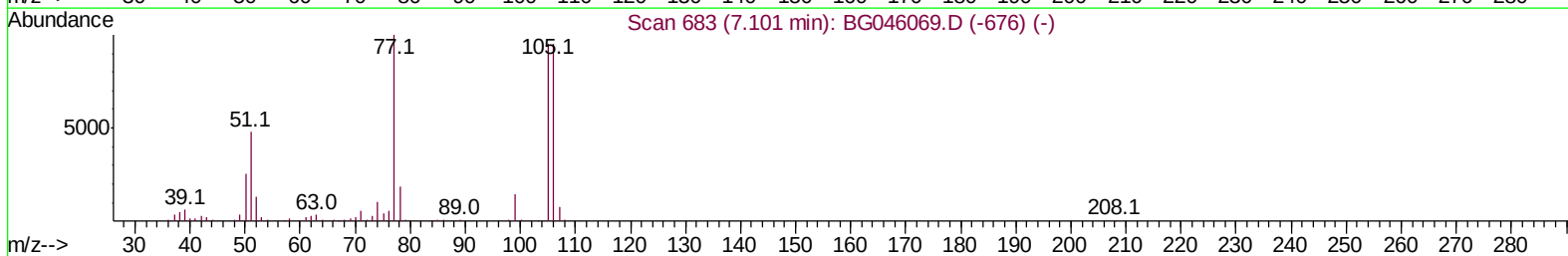
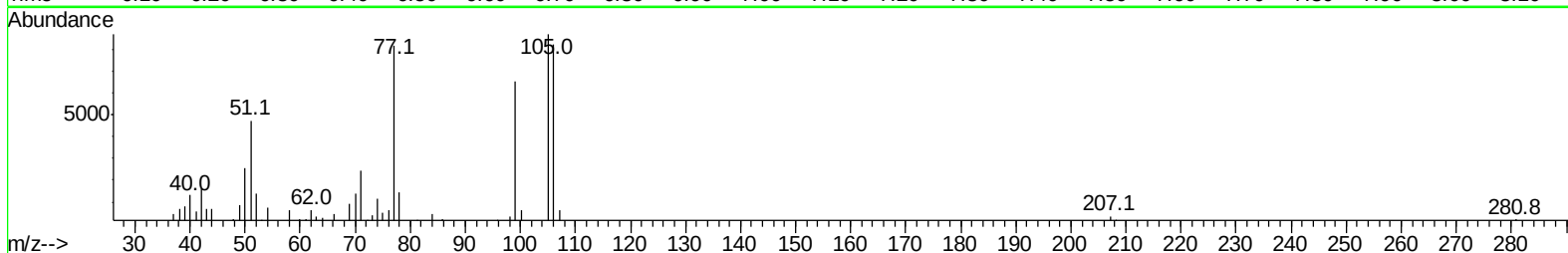
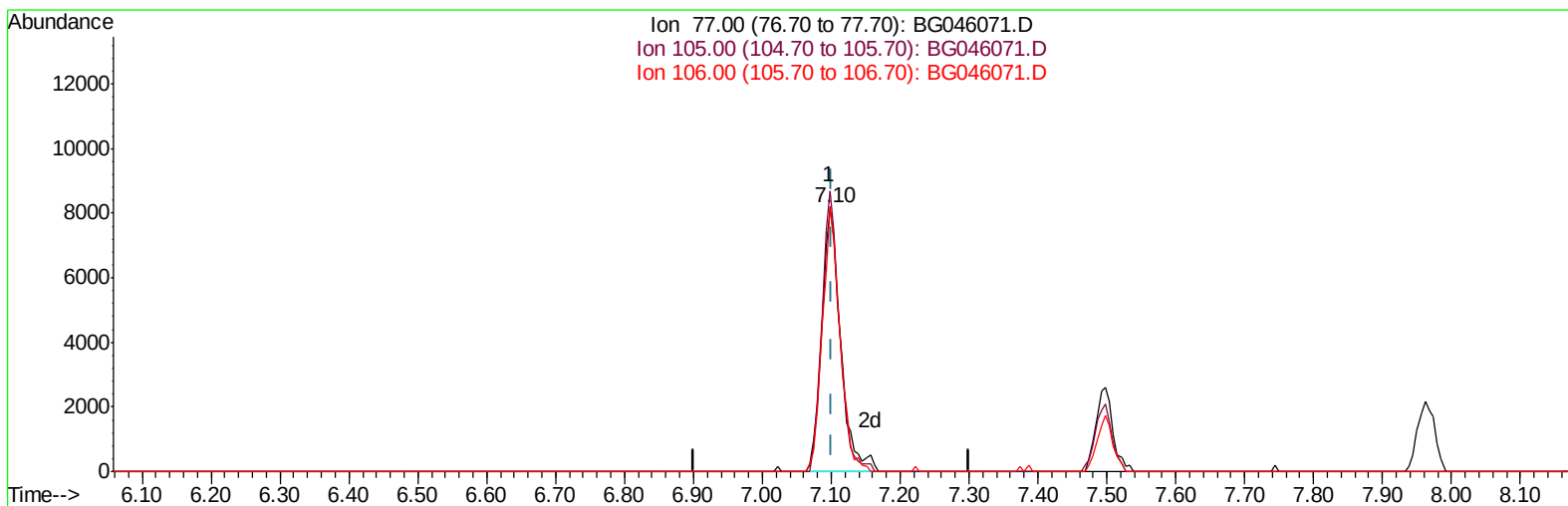
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046071.D
Acq On : 24 Jul 2020 19:40
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Sample : L1955-15
Misc : MDL-SOILME-01
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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TIC: BG046071.D

(4) Benzaldehyde

7.098min (-0.002) 2.48ng/ul m

response 15507

Ion	Exp%	Act%
77.00	100	100
105.00	99.30	106.72
106.00	98.20	100.92
0.00	0.00	0.00

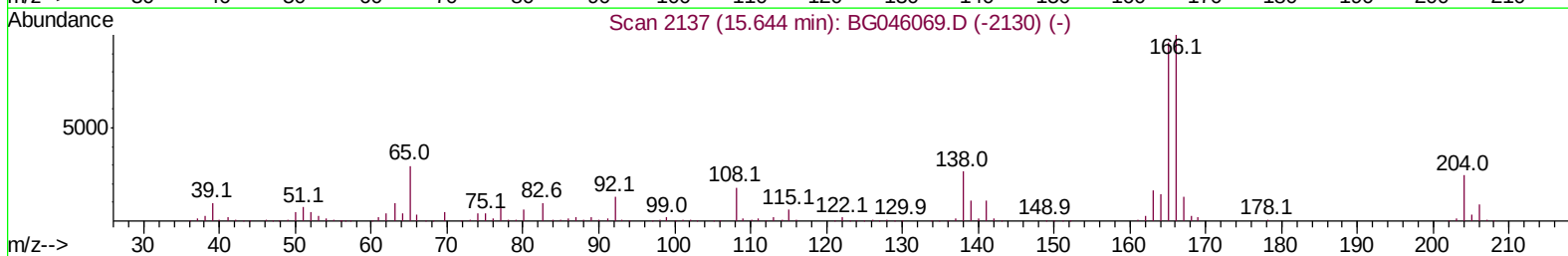
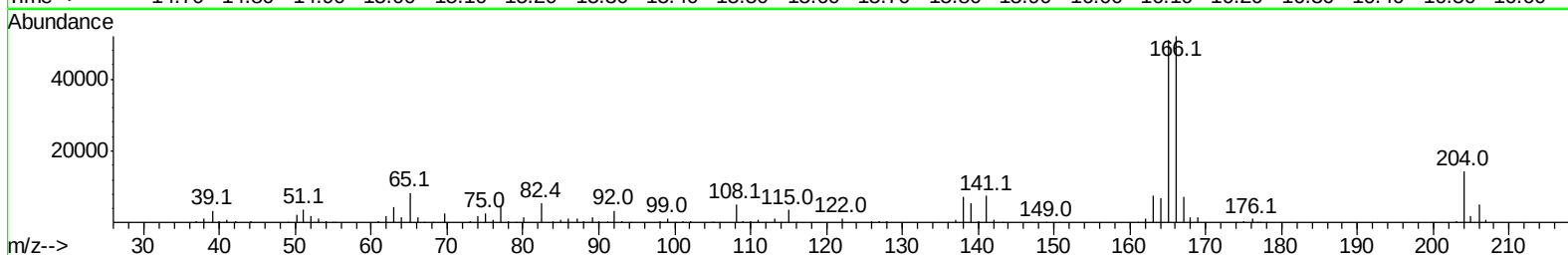
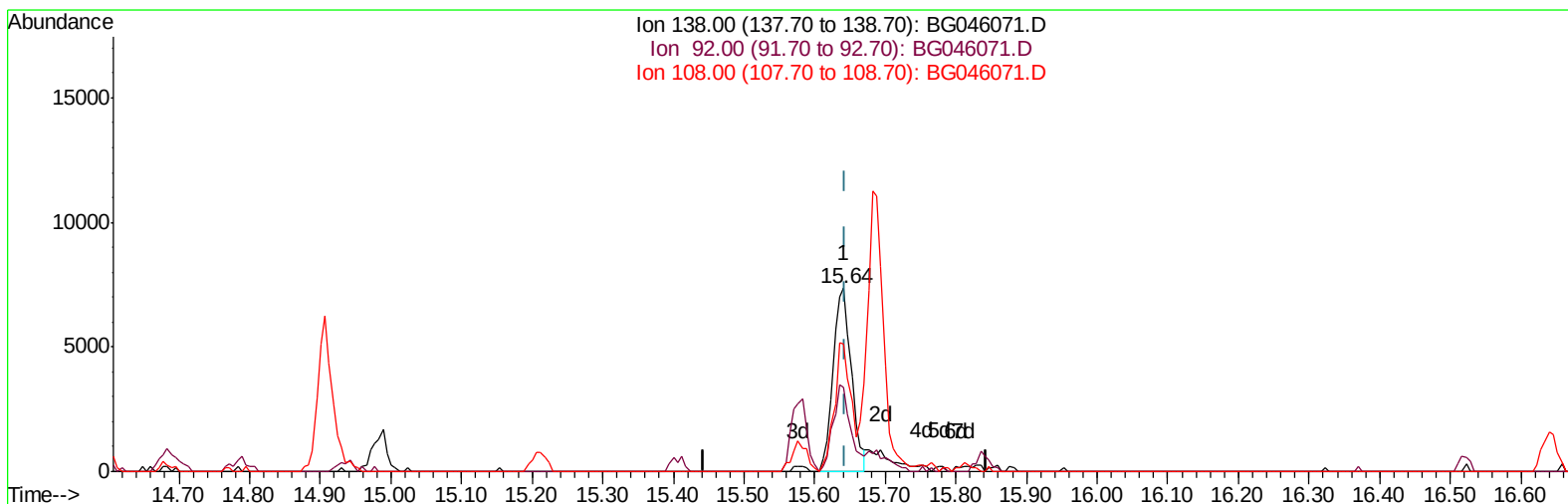
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TIC: BG046071.D

(61) 4-Nitroaniline

15.641min (-0.002) 2.59ng/ul

response 13305

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	45.63
108.00	66.40	69.54
0.00	0.00	0.00

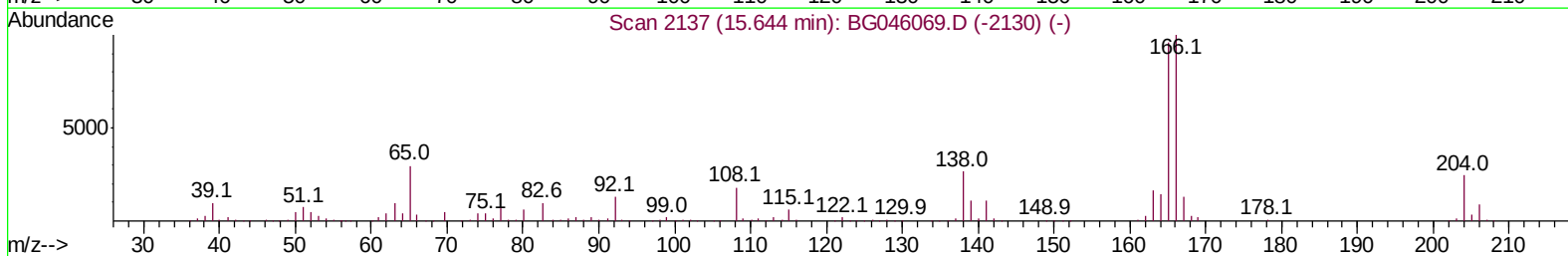
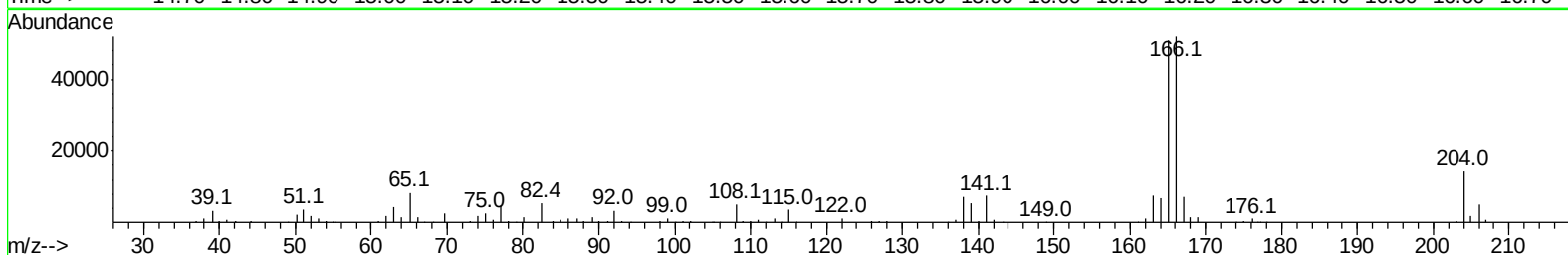
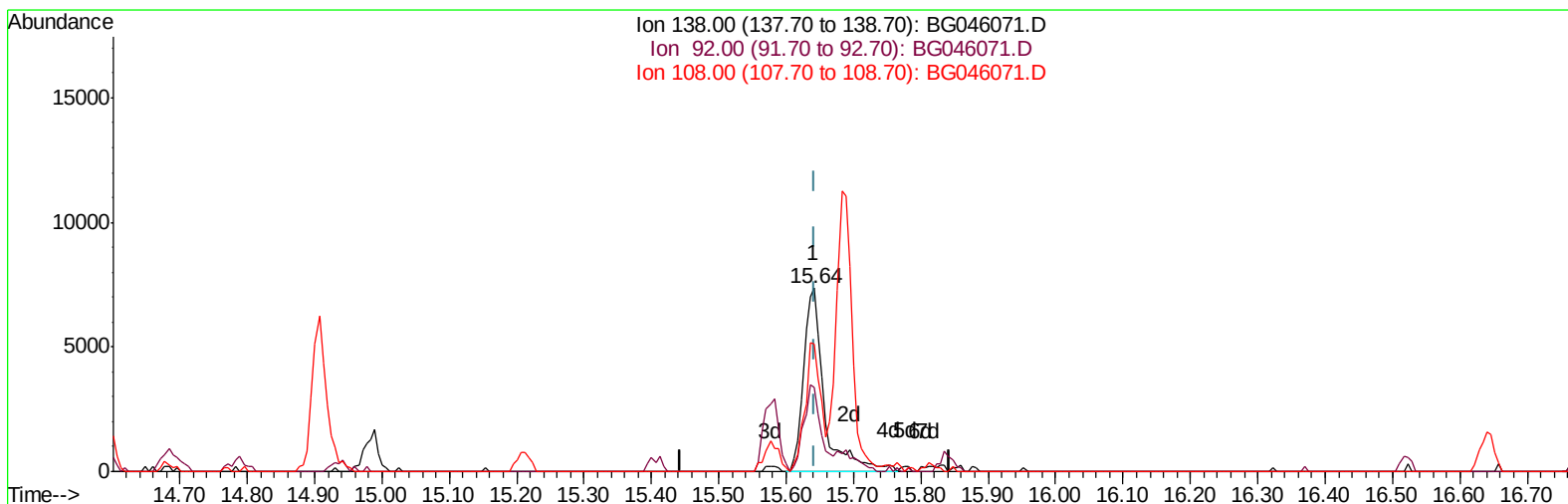
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Manual Integrations
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TIC: BG046071.D

(61) 4-Nitroaniline

15.641min (-0.002) 3.04ng/ul m

response 15616

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	45.63
108.00	66.40	69.54
0.00	0.00	0.00

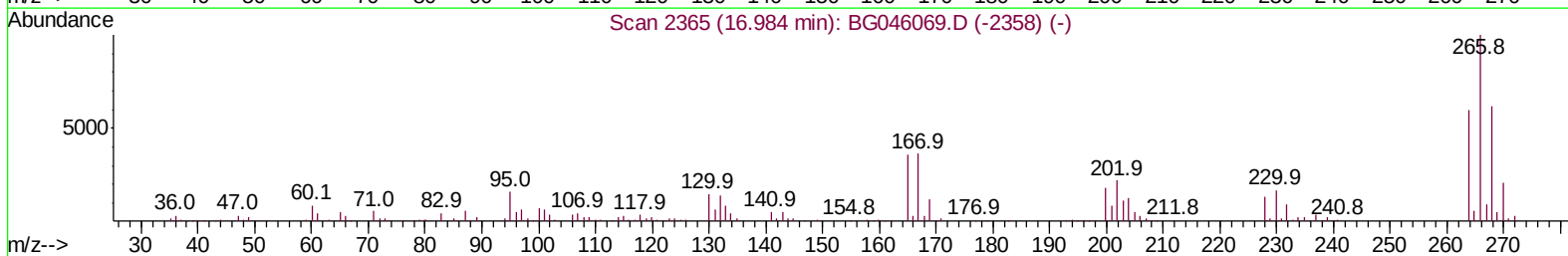
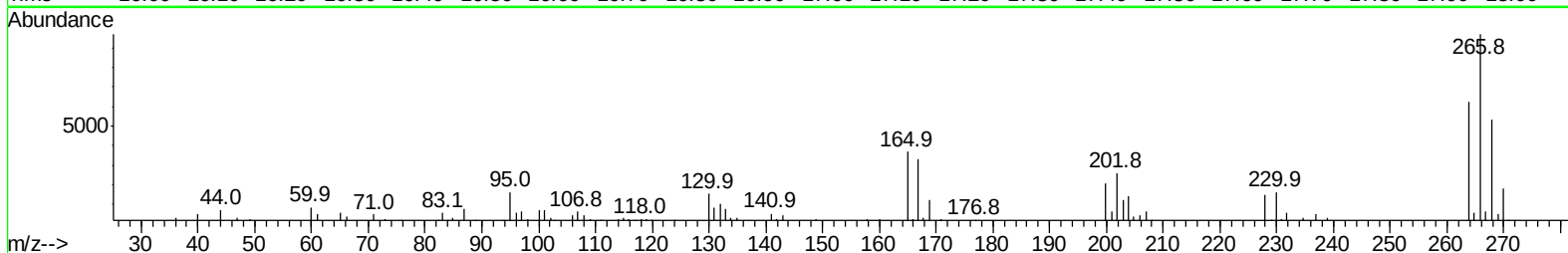
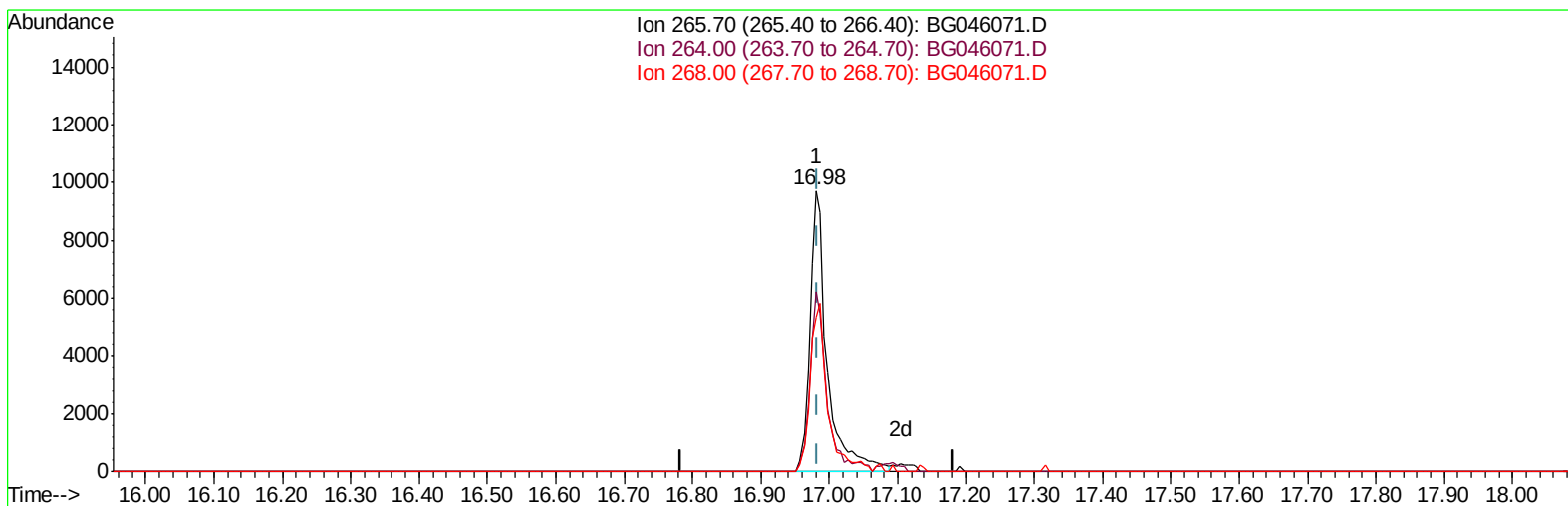
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Manual Integrations
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TIC: BG046071.D

(69) Pentachlorophenol (C)

16.981min (-0.002) 3.18ng/ul

response 17163

Ion	Exp%	Act%
265.70	100	100
264.00	64.10	64.32
268.00	67.20	55.04
0.00	0.00	0.00

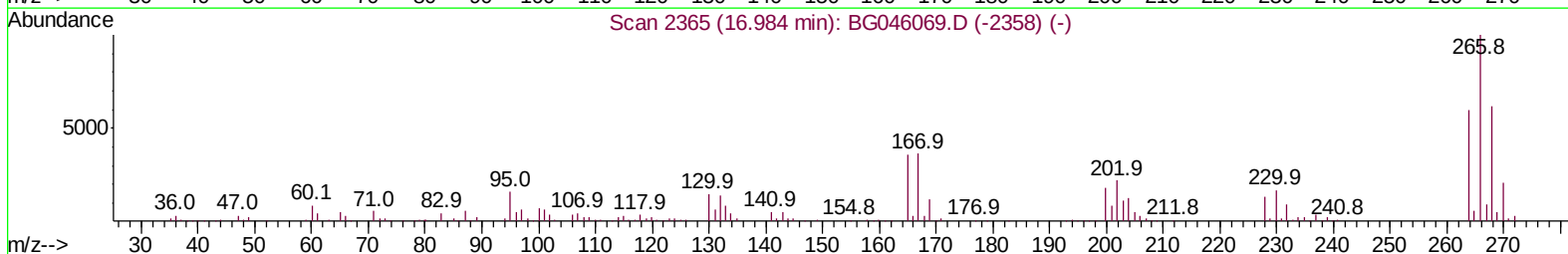
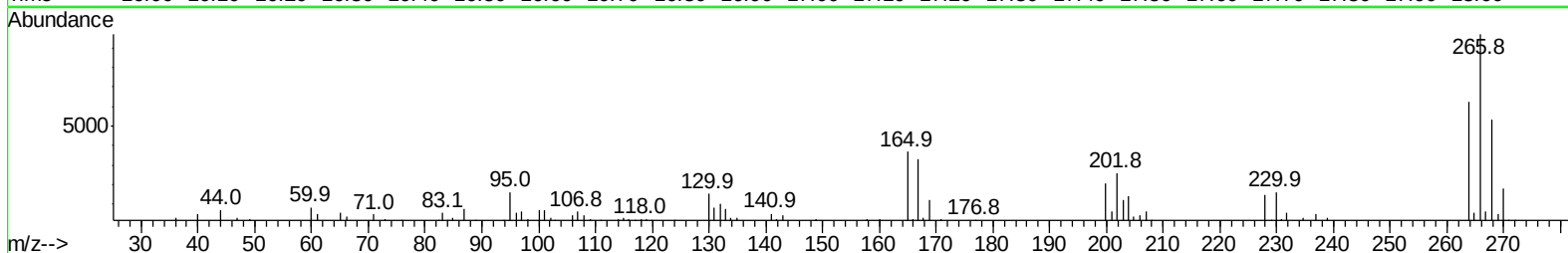
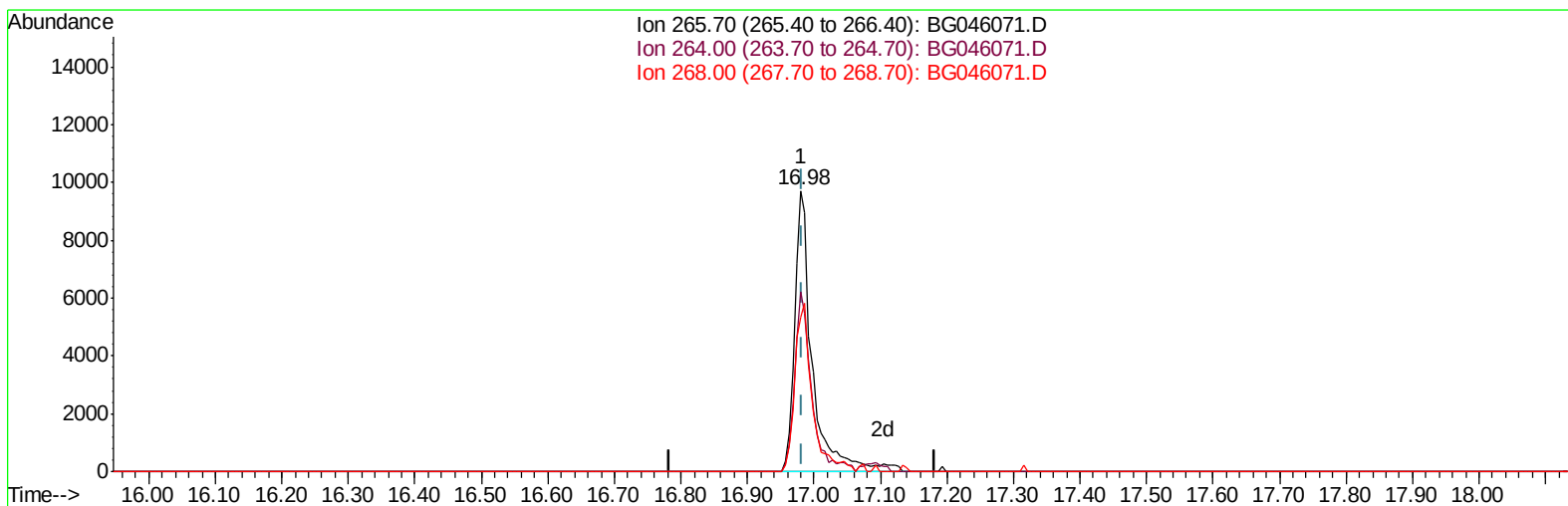
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Manual Integrations
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TIC: BG046071.D

(69) Pentachlorophenol (C)

16.981min (-0.002) 3.28ng/ul m

response 17678

Ion	Exp%	Act%
265.70	100	100
264.00	64.10	64.32
268.00	67.20	55.04
0.00	0.00	0.00

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Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	111581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	479459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	327448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	721744	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	729475	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	817433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	4244	1.88	ng/uL	0.00
5) Phenol-d5	7.12	99	234285	26.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	144664	26.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	188453	26.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	191762	25.96	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	94117	27.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	104177	30.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	205083	26.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	274826	31.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	679448	26.60	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	816799	26.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	102325	24.53	ng/ul	0.00
58) Fluorene-d10	15.58	176	607459	26.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	92978	25.74	ng/ul	0.00
71) Anthracene-d10	17.43	188	885781	26.61	ng/ul	0.00
79) Pyrene-d10	19.71	212	1070534	27.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1124338	24.82	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	5016	1.813 ng/uL#	93
4) Benzaldehyde	7.10	77	15507m	2.484 ng/ul	
6) Phenol	7.15	94	36268	4.021 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.38	93	30795	4.172 ng/ul	95
10) 2-Chlorophenol	7.53	128	28938	4.073 ng/ul	98
11) 2-Methylphenol	8.40	108	25962	3.572 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.50	45	52542	4.212 ng/ul	100
14) Acetophenone	8.78	105	46355	4.253 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.77	70	23683	4.016 ng/ul	97
16) 4-Methylphenol	8.73	108	31020	3.984 ng/ul	90
17) Hexachloroethane	9.05	117	12520	4.153 ng/ul	95
20) Nitrobenzene	9.15	77	34724	3.993 ng/ul	95
21) Isophorone	9.68	82	65747	3.868 ng/ul	96
23) 2-Nitrophenol	9.87	139	17263	4.457 ng/ul	94
24) 2,4-Dimethylphenol	9.93	107	27804	3.239 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.17	93	41332	3.844 ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	31829	4.124 ng/ul	97
28) Naphthalene	10.81	128	101110	3.940 ng/ul	97
30) 4-Chloroaniline	10.91	127	41884	4.938 ng/ul	97
31) Hexachlorobutadiene	11.11	225	22786	3.836 ng/ul	93
32) Caprolactam	11.68	113	8864m	3.407 ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	29695	3.753 ng/ul	95
34) 2-Methylnaphthalene	12.42	142	79591	4.126 ng/ul	98

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.63	142	77853	4.086	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	46585	4.115	ng/uL	98
38) Hexachlorocyclopentadiene	12.77	237	15908	2.454	ng/uL	92
39) 2,4,6-Trichlorophenol	13.02	196	23508	3.552	ng/uL	88
40) 2,4,5-Trichlorophenol	13.09	196	26946	3.746	ng/uL	99
41) 1,1'-Biphenyl	13.42	154	107576	4.246	ng/uL	96
42) 2-Chloronaphthalene	13.46	162	83837	4.148	ng/uL	98
43) 2-Nitroaniline	13.66	65	17353	3.642	ng/uL	99
45) Dimethylphthalate	14.04	163	105575	4.122	ng/uL	98
46) 2,6-Dinitrotoluene	14.15	165	18002	3.686	ng/uL	92
48) Acenaphthylene	14.31	152	125400	4.044	ng/uL	98
49) 3-Nitroaniline	14.48	138	14299	3.108	ng/uL#	82
50) Acenaphthene	14.65	153	88465	3.962	ng/uL	98
51) 2,4-Dinitrophenol	14.68	184	6681	3.090	ng/uL#	80
53) 4-Nitrophenol	14.78	109	11074m	3.700	ng/uL	
54) Dibenzofuran	14.98	168	127604	4.191	ng/uL	100
55) 2,4-Dinitrotoluene	14.94	165	27640	3.974	ng/uL#	97
56) 2,3,4,6-Tetrachlorophenol	15.21	232	25041	3.733	ng/uL#	92
57) Diethylphthalate	15.41	149	100304	3.965	ng/uL	99
59) Fluorene	15.64	166	104606	4.051	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.63	204	54516	4.019	ng/uL	94
61) 4-Nitroaniline	15.64	138	15616m	3.044	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	15796	4.105	ng/uL#	79
65) N-Nitrosodiphenylamine	15.84	169	89403	4.260	ng/uL	100
66) 4-Bromophenyl-phenylether	16.52	248	38100	4.248	ng/uL	93
67) Hexachlorobenzene	16.64	284	42874	4.235	ng/uL	98
68) Atrazine	16.79	200	33014	3.935	ng/uL	96
69) Pentachlorophenol	16.98	266	17678m	3.276	ng/uL	
70) Phenanthrene	17.37	178	171981	4.270	ng/uL	99
72) Anthracene	17.46	178	165281	4.118	ng/uL	96
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	49040	4.525	ng/uL	94
74) Pentachlorobenzene	14.91	250	47689	4.357	ng/uL	99
75) Carbazole	17.73	167	147996	4.595	ng/uL	98
76) Di-n-butylphthalate	18.30	149	158508	4.000	ng/uL	97
77) Fluoranthene	19.38	202	214598	4.857	ng/uL	99
80) Pvrene	19.74	202	216786	4.395	ng/uL	99
81) Butylbenzylphthalate	20.64	149	65199	3.851	ng/uL	98
82) 3,3'-Dichlorobenzidine	21.48	252	60187	3.844	ng/uL	99
83) Benzo(a)anthracene	21.56	228	215741	4.491	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	96346	3.912	ng/uL	99
85) Chrysene	21.62	228	203380	4.355	ng/uL	99
87) Di-n-octyl phthalate	22.67	149	155223	3.634	ng/uL	100
88) Benzo(b)fluoranthene	23.70	252	212246	3.843	ng/uL	98
89) Benzo(k)fluoranthene	23.77	252	205872	3.797	ng/uL	99
91) Benzo(a)pyrene	24.54	252	200555	3.960	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	28.21	276	232919	3.683	ng/uL	98
93) Dibenzo(a,h)anthracene	28.27	278	189182	3.656	ng/uL	97
94) Benzo(a,h,i)perylene	29.30	276	196578	3.677	ng/uL	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046071.D
Acq On : 24 Jul 2020 19:40
Operator : CG/JU
Sample : L1955-15
Misc : MDL-SOILME-01
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:46 PM

Quant Time: Jul 24 23:56:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
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Manual Integrations
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