

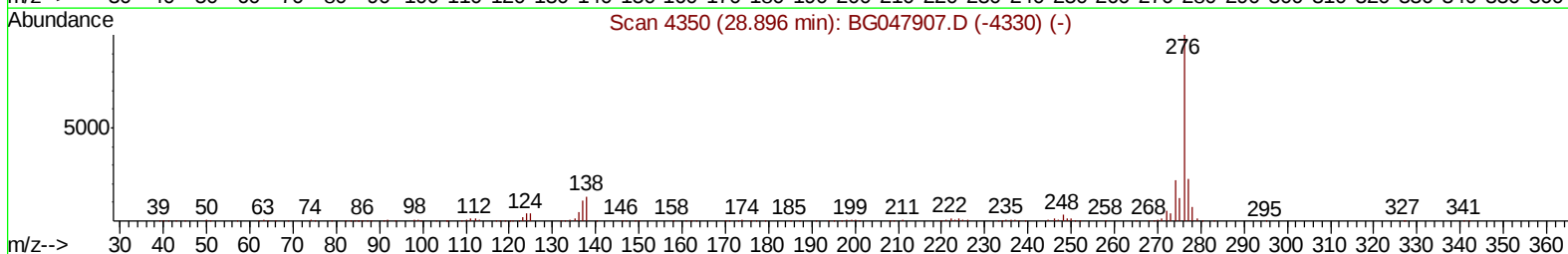
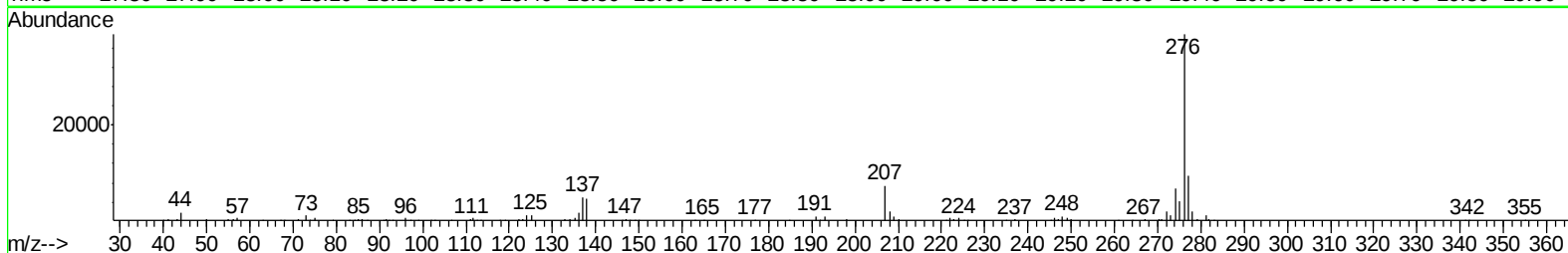
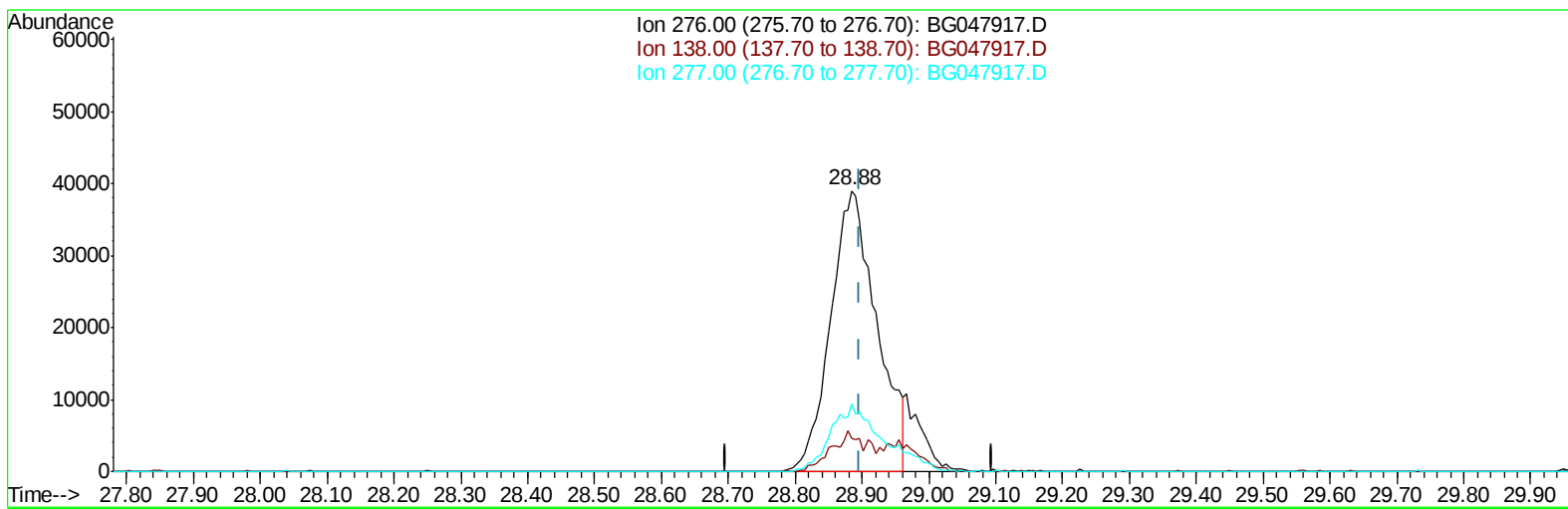
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG011421\
Data File : BG047917.D
Acq On : 14 Jan 2021 13:53
Operator : CG/JU
Sample : L5214-03
Misc : PBBL-SFAM-MDL-S-01
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2021-01

Manual Integrations
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Quant Time: Jan 14 14:32:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 15:41:08 2021
Response via : Initial Calibration



TIC: BG047917.D

(94) Indeno(1,2,3-cd)pyrene

28.885min (-0.011) 3.65ng/ul

response 186855

Ion	Exp%	Act%
276.00	100	100
138.00	13.20	11.99
277.00	22.80	24.30
0.00	0.00	0.00

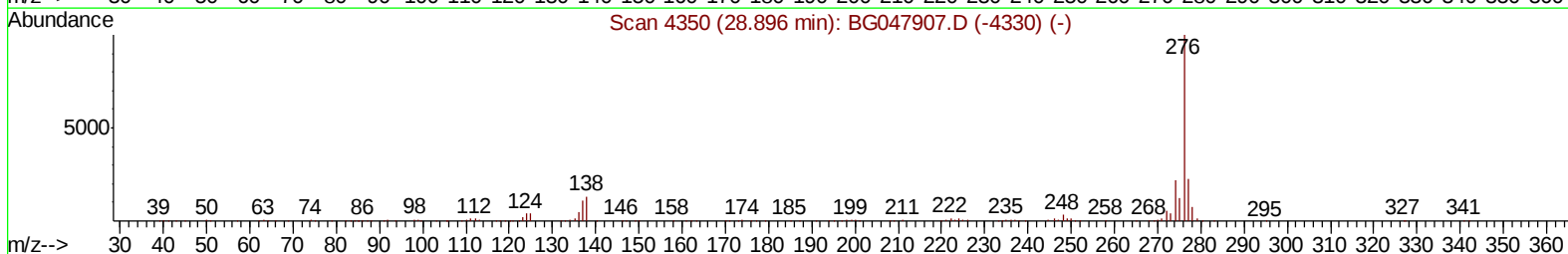
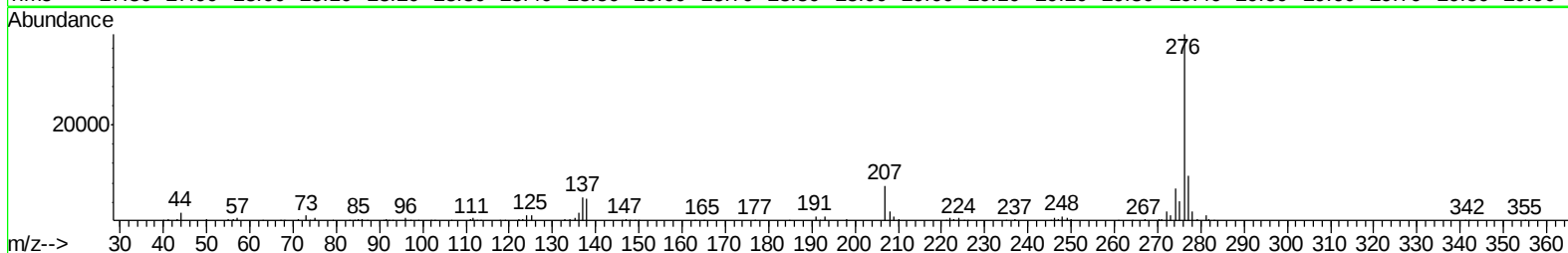
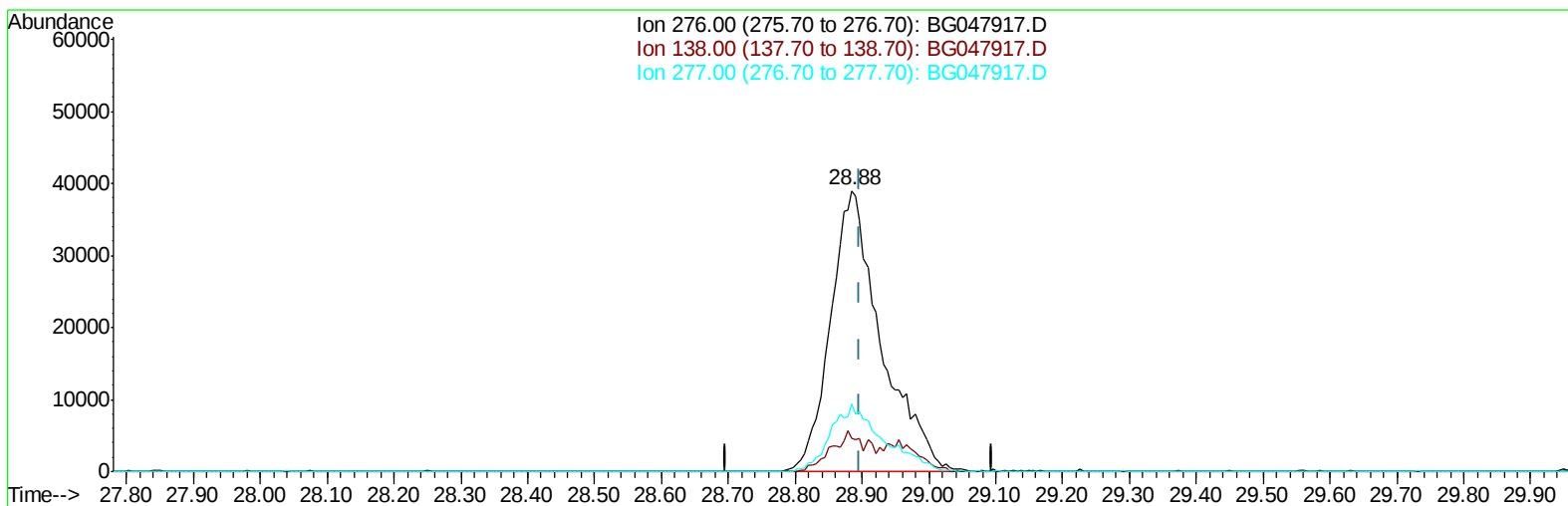
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TIC: BG047917.D

(94) Indeno(1,2,3-cd)pyrene

28.885min (-0.011) 4.01ng/ul m

response 205173

Ion	Exp%	Act%
276.00	100	100
138.00	13.20	11.99
277.00	22.80	24.30
0.00	0.00	0.00

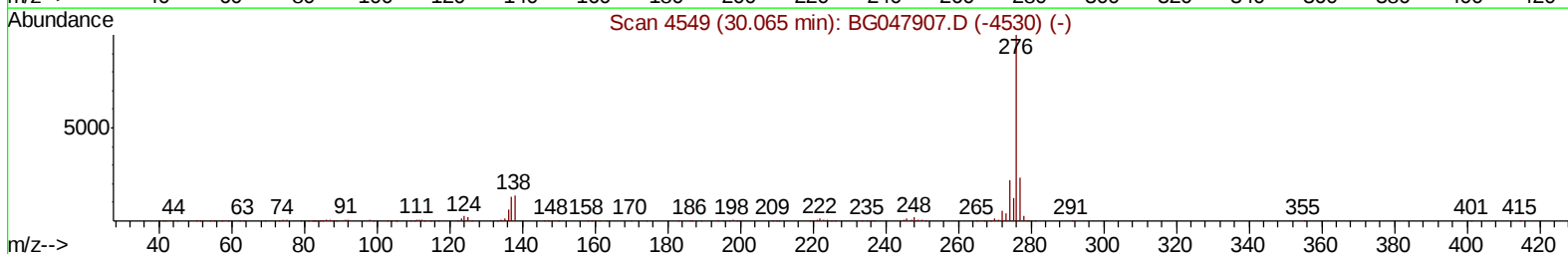
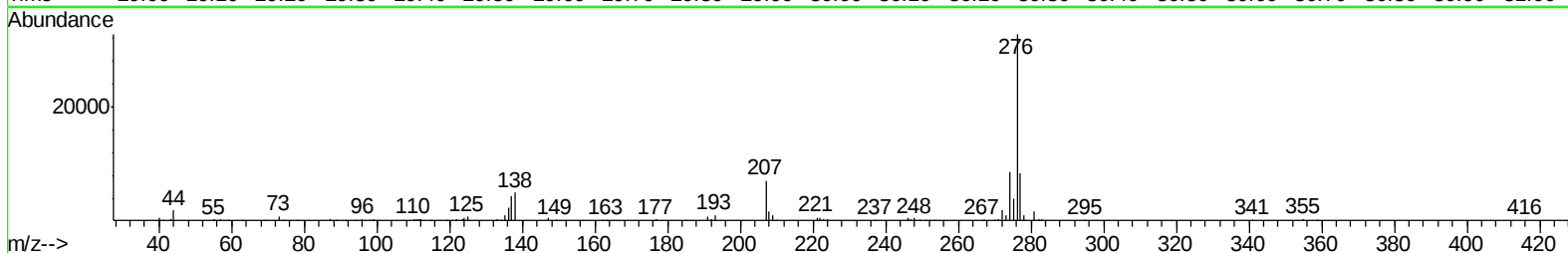
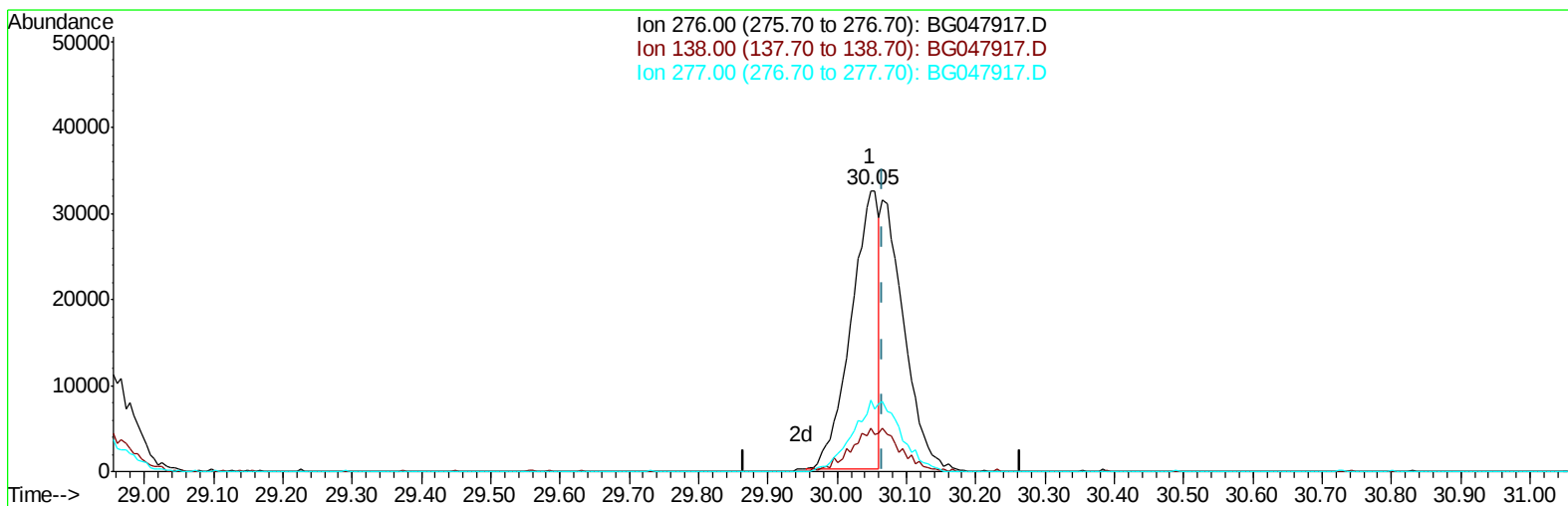
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TIC: BG047917.D

(96) Benzo(g,h,i)perylene
30.048min (-0.017) 2.15ng/ul
response 90651

Ion	Exp%	Act%
276.00	100	100
138.00	13.70	15.27
277.00	23.30	25.60
0.00	0.00	0.00

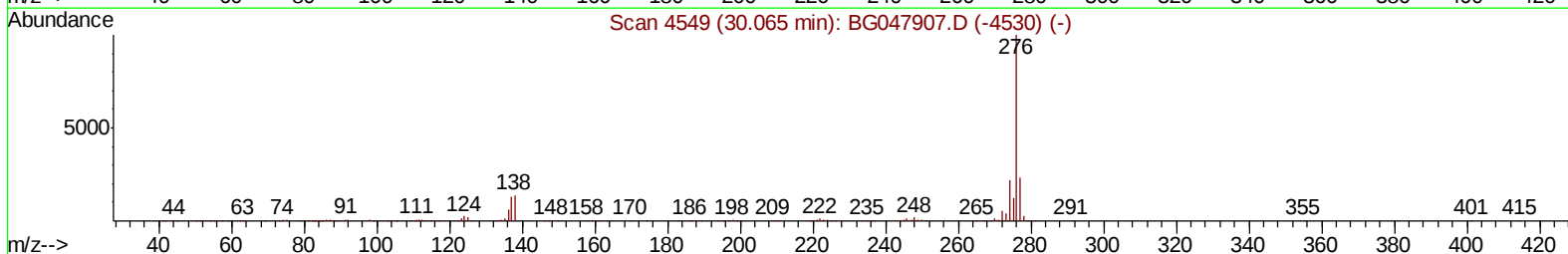
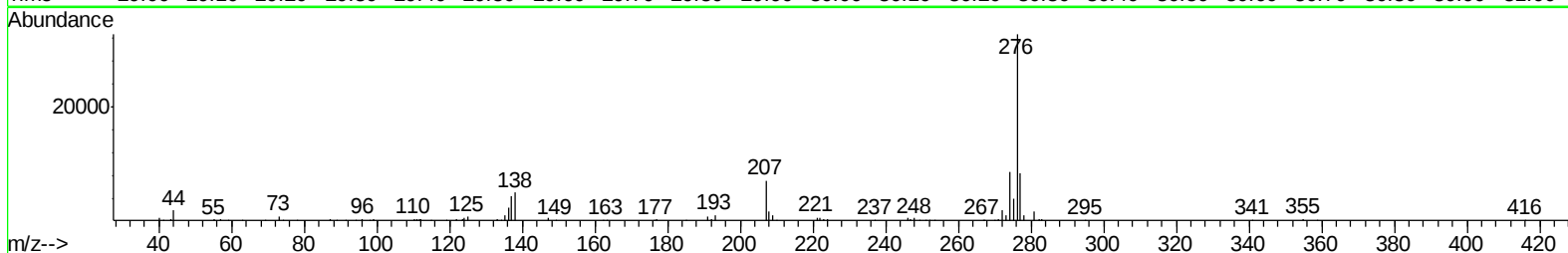
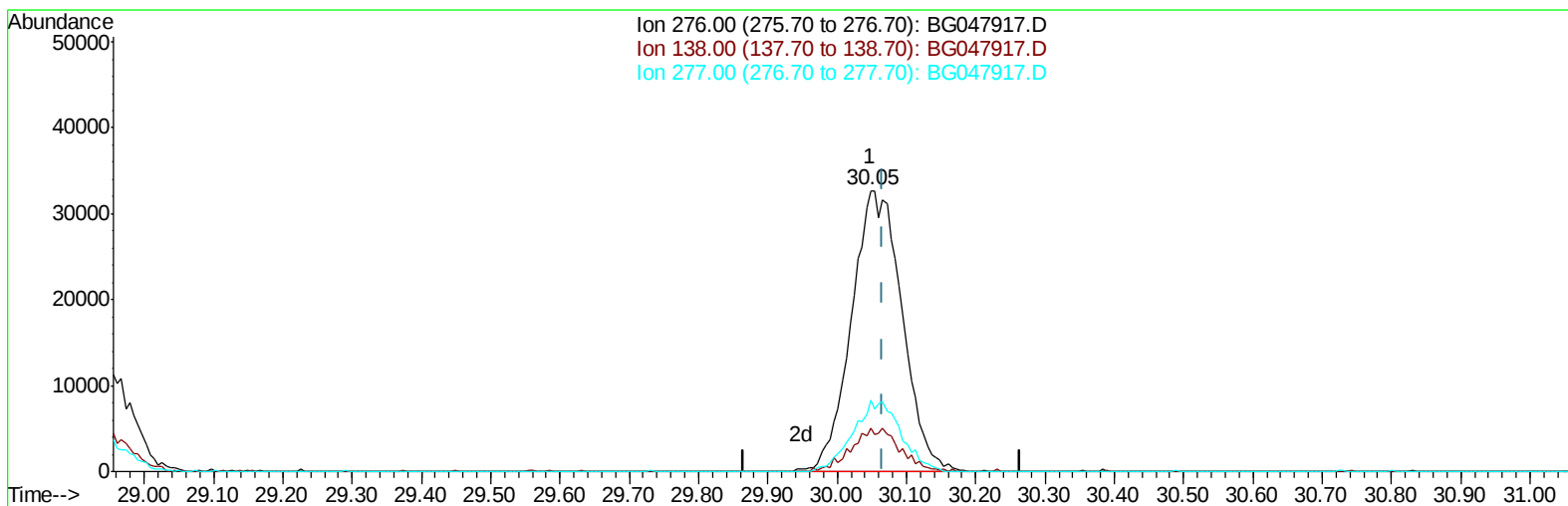
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TIC: BG047917.D

(96) Benzo(g,h,i)perylene

30.048min (-0.017) 3.93ng/ul m

response 165758

Ion	Exp%	Act%
276.00	100	100
138.00	13.70	15.27
277.00	23.30	25.60
0.00	0.00	0.00

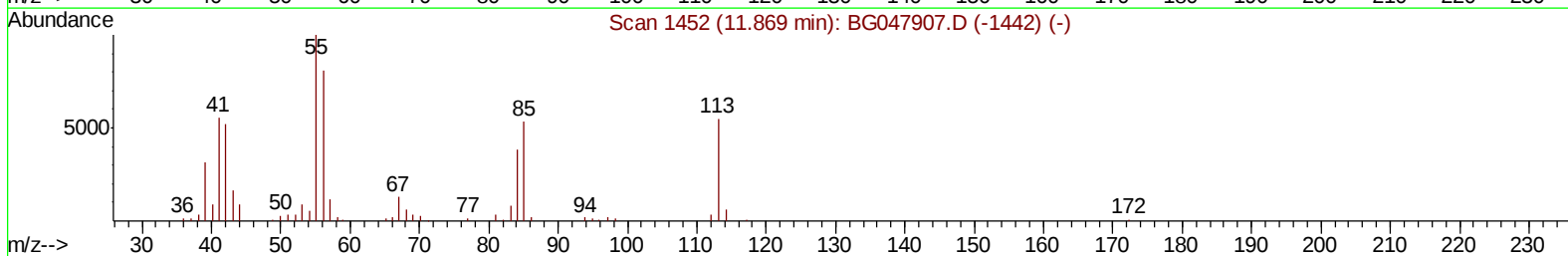
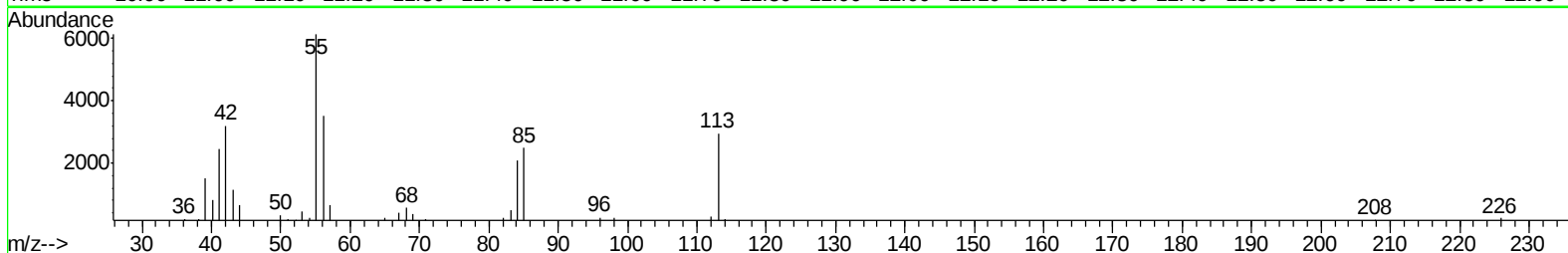
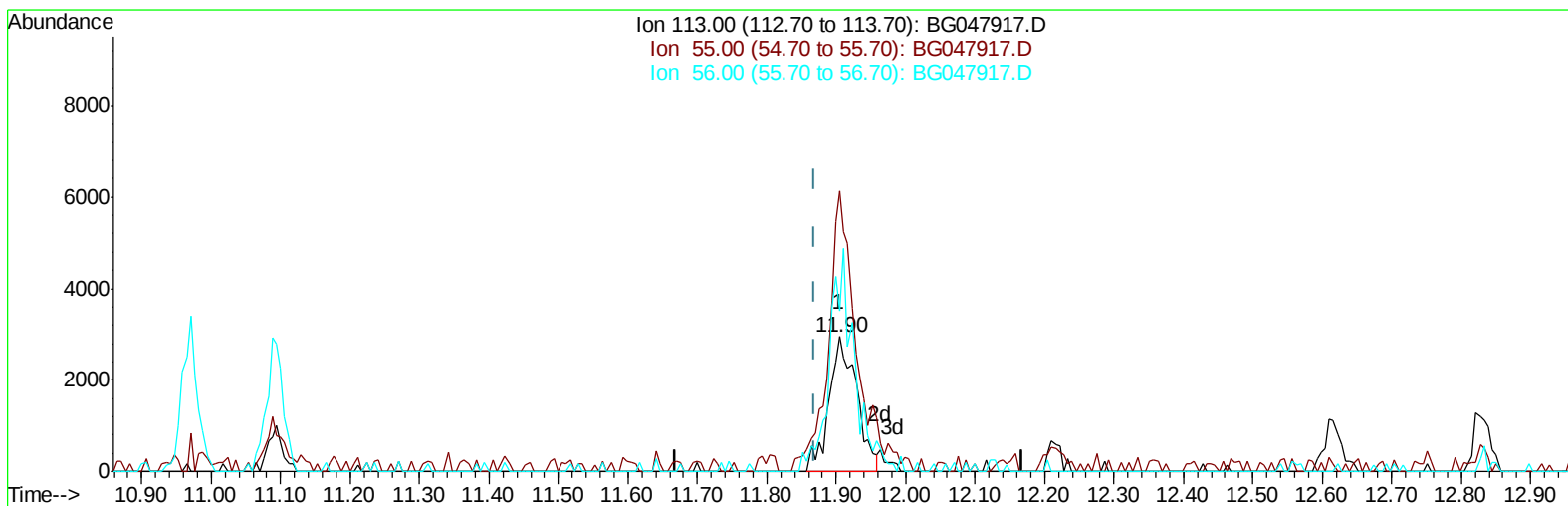
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TIC: BG047917.D

(34) Caprolactam

11.905min (+0.036) 3.57ng/ul

response 8131

Ion	Exp%	Act%
113.00	100	100
55.00	185.70	207.97
56.00	147.10	118.79
0.00	0.00	0.00

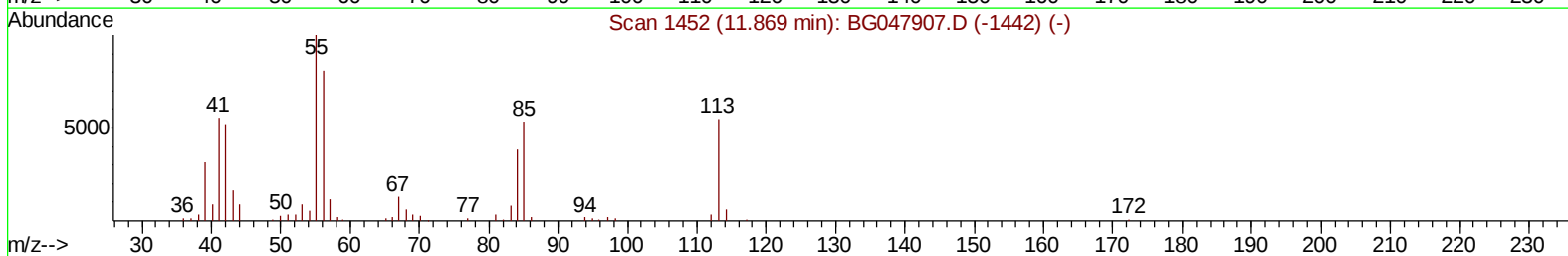
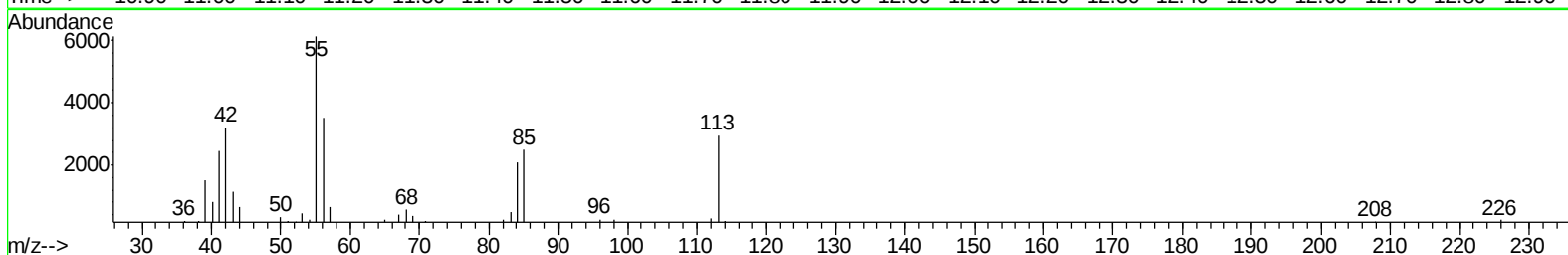
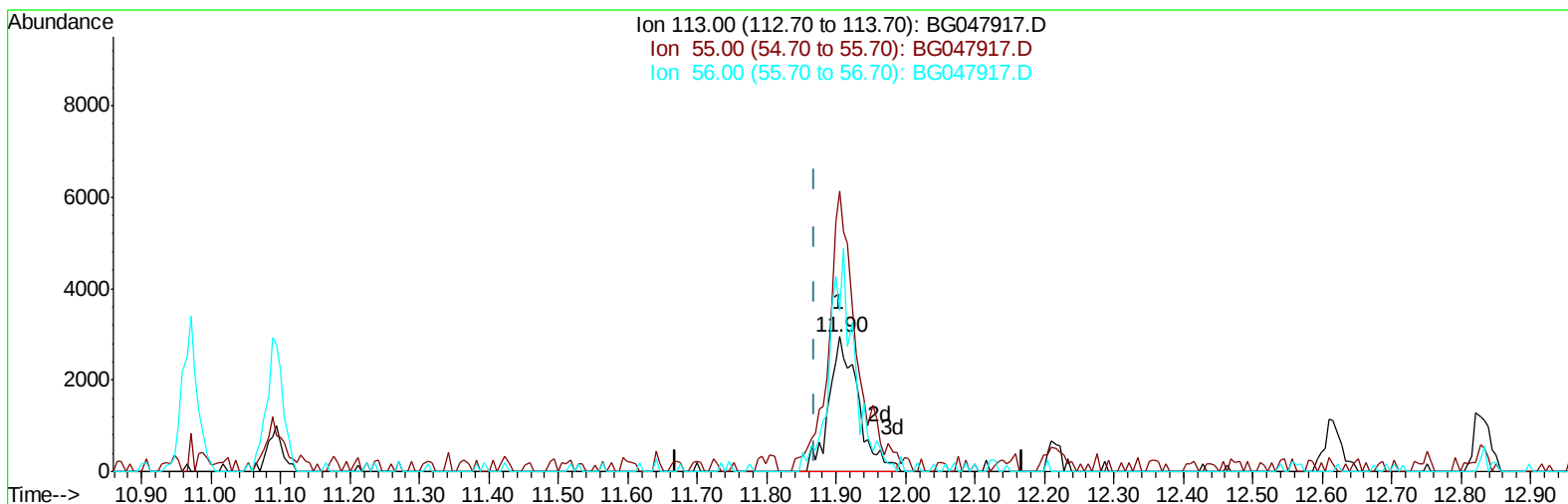
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TIC: BG047917.D

(34) Caprolactam

11.905min (+0.036) 3.76ng/ul m

response 8556

Ion	Exp%	Act%
113.00	100	100
55.00	185.70	207.97
56.00	147.10	118.79
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Jan 14 14:35:24 2021
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	96291	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	377349	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.77	164	259705	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	642474	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	714074	20.00	ng/ul	0.00
88) Perylene-d12	25.11	264	666939	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	8676	3.16	ng/uL	0.00
4) Pyridine-d5	3.98	84	160798	22.02	ng/ul	0.00
7) Phenol-d5	7.29	99	330789	39.86	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	220674	41.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	254275	40.12	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	270513	41.26	ng/ul	0.00
21) Nitrobenzene-d5	9.31	128	115008	48.77	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	121997	48.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	271051	40.37	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	351748	39.26	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	871785	40.71	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	1036134	40.92	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	133753	42.42	ng/ul	0.00
60) Fluorene-d10	15.77	176	751068	39.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	115758	40.21	ng/ul	0.00
73) Anthracene-d10	17.62	188	1193490	38.77	ng/ul	0.00
81) Pyrene-d10	19.90	212	1424049	36.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.89	264	1423901	38.53	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.60	88	2748	0.957 ng/uL#	77
5) Pyridine	4.00	79	27821	3.759 ng/ul#	55
6) Benzaldehyde	7.29	77	22223	5.919 ng/ul	96
8) Phenol	7.32	94	31276	3.731 ng/ul	95
10) Bis(2-Chloroethyl)ether	7.57	93	26182	4.049 ng/ul	99
12) 2-Chlorophenol	7.72	128	23731	3.794 ng/ul	96
13) 2-Methylphenol	8.58	108	23238	3.605 ng/ul	81
14) 2,2'-oxybis(1-Chloropropan	8.67	45	38043	3.914 ng/ul	96
16) Acetophenone	8.98	105	41040	4.071 ng/ul	94
17) N-Nitroso-di-n-propylamine	8.96	70	22130	3.764 ng/ul	98
18) 4-Methylphenol	8.91	108	24620	3.679 ng/ul	81
19) Hexachloroethane	9.25	117	10347	3.733 ng/ul	94
22) Nitrobenzene	9.35	77	31587	4.465 ng/ul	97
23) Isophorone	9.88	82	64558	3.899 ng/ul	94
25) 2-Nitrophenol	10.07	139	12606	4.493 ng/ul#	86
26) 2,4-Dimethylphenol	10.12	107	31115	3.990 ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.37	93	33304	3.765 ng/ul	94
29) 2,4-Dichlorophenol	10.60	162	23725	3.864 ng/ul	95
30) Naphthalene	11.02	128	76137	3.756 ng/ul	98
32) 4-Chloroaniline	11.12	127	31706	3.868 ng/ul#	85
33) Hexachlorobutadiene	11.31	225	20352	3.659 ng/ul	96
34) Caprolactam	11.90	113	8556m	3.761 ng/ul	

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.22	107	25804	3.716	ng/ul	90
36) 2-Methylnaphthalene	12.62	142	61447	4.059	ng/ul	96
37) 1-Methylnaphthalene	12.83	142	59522	4.114	ng/ul#	95
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	38419	3.899	ng/ul	94
40) Hexachlorocyclopentadiene	12.96	237	20633	3.450	ng/ul#	81
41) 2,4,6-Trichlorophenol	13.20	196	21610	3.722	ng/ul	92
42) 2,4,5-Trichlorophenol	13.27	196	24126	3.930	ng/ul	98
43) 1,1'-Biphenyl	13.61	154	82375	4.055	ng/ul	99
44) 2-Chloronaphthalene	13.66	162	62715	3.966	ng/ul	95
45) 2-Nitroaniline	13.84	65	14861	3.991	ng/ul	98
47) Dimethylphthalate	14.22	163	85977	3.930	ng/ul	98
48) 2,6-Dinitrotoluene	14.34	165	12760	3.902	ng/ul	95
50) Acenaphthylene	14.50	152	90272	3.714	ng/ul	98
51) 3-Nitroaniline	14.67	138	13110	4.566	ng/ul#	75
52) Acenaphthene	14.84	153	70023	3.960	ng/ul	98
53) 2,4-Dinitrophenol	14.87	184	6722	3.301	ng/ul	92
55) 4-Nitrophenol	14.95	109	13588	4.065	ng/ul	90
56) Dibenzofuran	15.17	168	94981	3.970	ng/ul	96
57) 2,4-Dinitrotoluene	15.12	165	18731	4.130	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	21489	3.833	ng/ul	97
59) Diethylphthalate	15.58	149	84889	3.893	ng/ul	98
61) Fluorene	15.82	166	78164	3.853	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.81	204	42429	3.644	ng/ul	97
63) 4-Nitroaniline	15.82	138	14067	4.828	ng/ul#	88
66) 4,6-Dinitro-2-methylphenol	15.88	198	12570	3.944	ng/ul#	59
67) N-Nitrosodiphenylamine	16.02	169	72384	3.890	ng/ul	98
68) 4-Bromophenyl-phenylether	16.71	248	29835	3.768	ng/ul	95
69) Hexachlorobenzene	16.82	284	31850	3.934	ng/ul	92
70) Atrazine	16.96	200	30205	3.862	ng/ul	91
71) Pentachlorophenol	17.16	266	17075	3.467	ng/ul	90
72) Phenanthrene	17.56	178	135852	3.905	ng/ul	98
74) Anthracene	17.65	178	136456	3.923	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	40799	4.031	ng/uL	96
76) Pentachlorobenzene	15.09	250	36676	3.719	ng/uL	93
77) Carbazole	17.91	167	120994	4.223	ng/ul	99
78) Di-n-butylphthalate	18.47	149	148772	3.952	ng/ul	99
80) Fluoranthene	19.56	202	183197	3.734	ng/ul	98
82) Pyrene	19.92	202	179907	3.732	ng/ul	99
83) Butylbenzylphthalate	20.81	149	60406	3.562	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.69	252	62570	3.773	ng/ul	99
85) Benzo(a)anthracene	21.78	228	200678	4.018	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.69	149	91226	3.625	ng/ul#	93
87) Chrysene	21.85	228	189853	3.954	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	149201	3.939	ng/ul	100
90) Benzo(b)fluoranthene	24.06	252	185298	4.029	ng/ul	97
91) Benzo(k)fluoranthene	24.13	252	184588	4.093	ng/ul#	97
93) Benzo(a)pyrene	24.96	252	155666	3.754	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.88	276	205173m	4.007	ng/ul	
95) Dibenzo(a,h)anthracene	28.96	278	164632	3.939	ng/ul	96
96) Benzo(g,h,i)perylene	30.05	276	165758m	3.934	ng/ul	

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

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