

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
 Data File : BM034709.D
 Acq On : 15 Apr 2022 19:26
 Operator : CG/JU
 Sample : PB144066BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

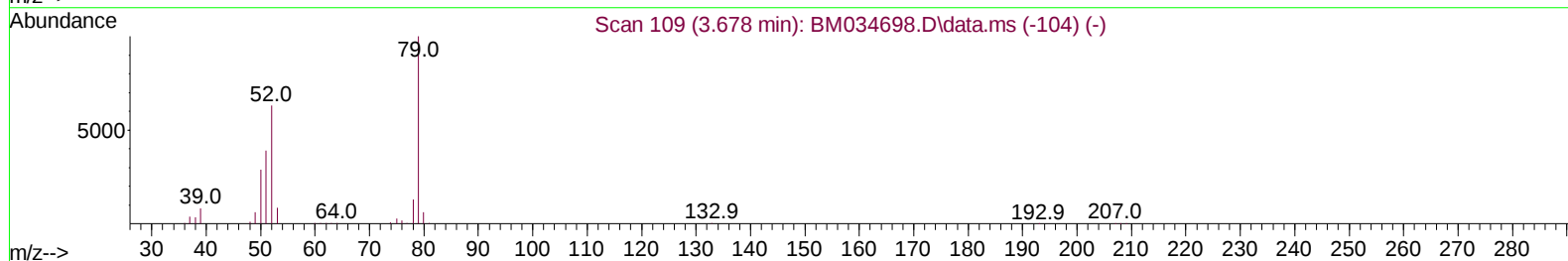
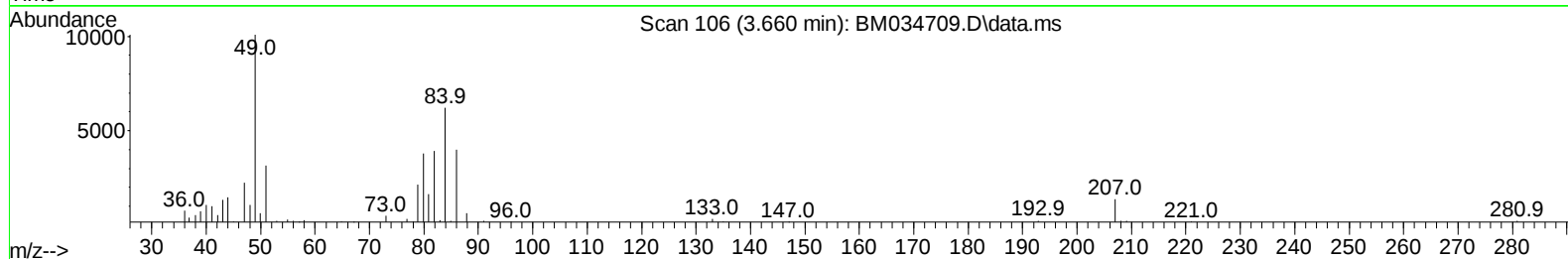
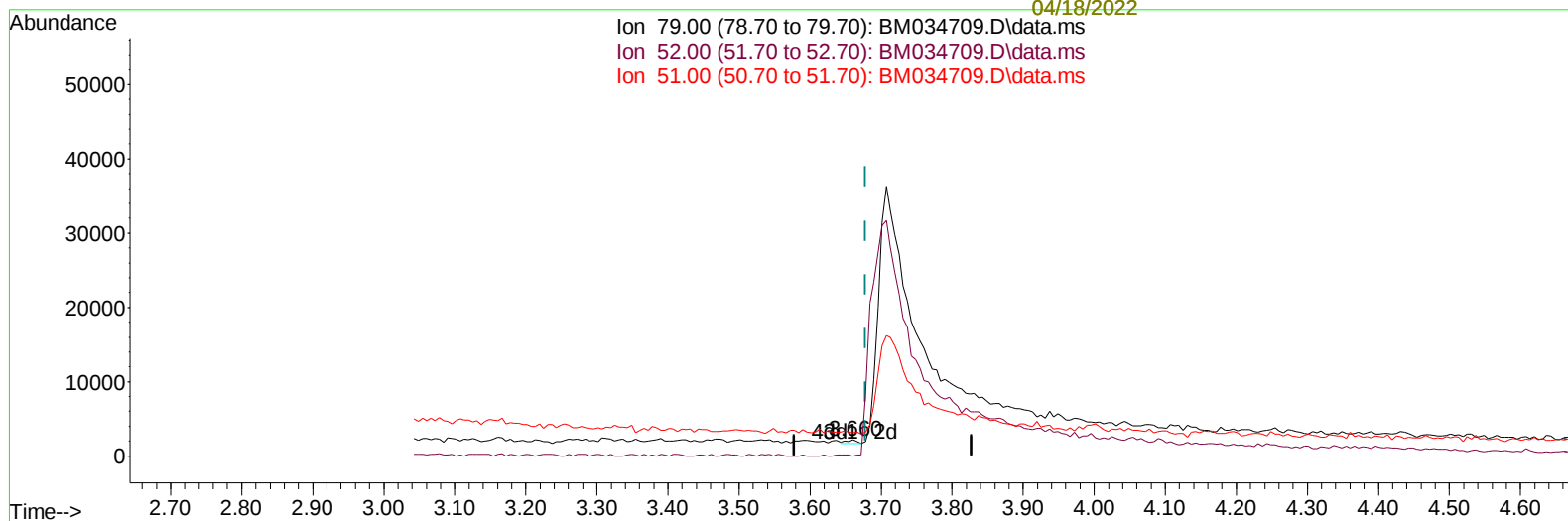
Instrument :
 BNA_M
 ClientSampleId :
 SLCS066

Manual IntegrationsAPPROVED

Quant Time: Apr 18 08:11:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 05:39:41 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Supervised By :Yogesh
 Patel
 04/18/2022



TIC: BM034709.D\data.ms

(5) Pyridine

3.660min (-0.018) 0.06 ng/u1

response 456

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	59.60	0.00#
51.00	32.00	147.16#
0.00	0.00	0.00

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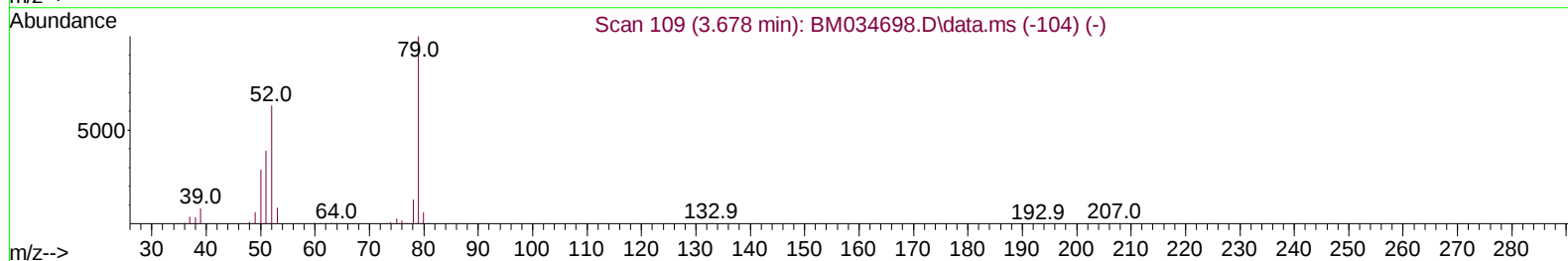
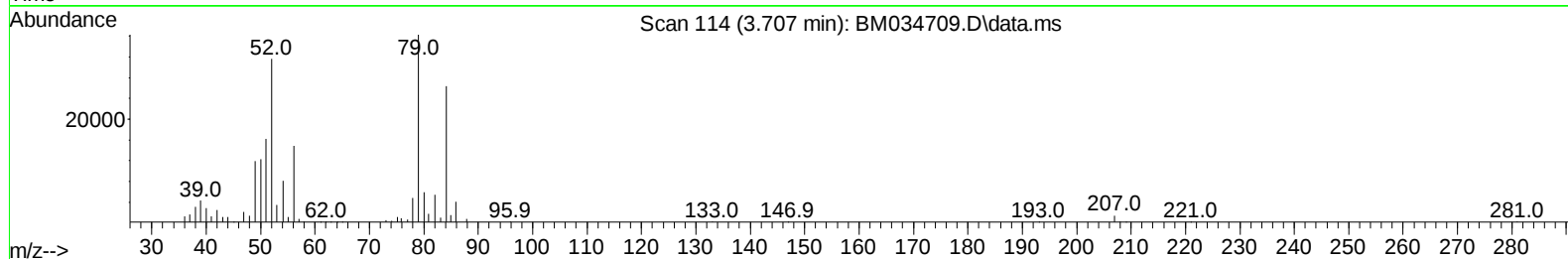
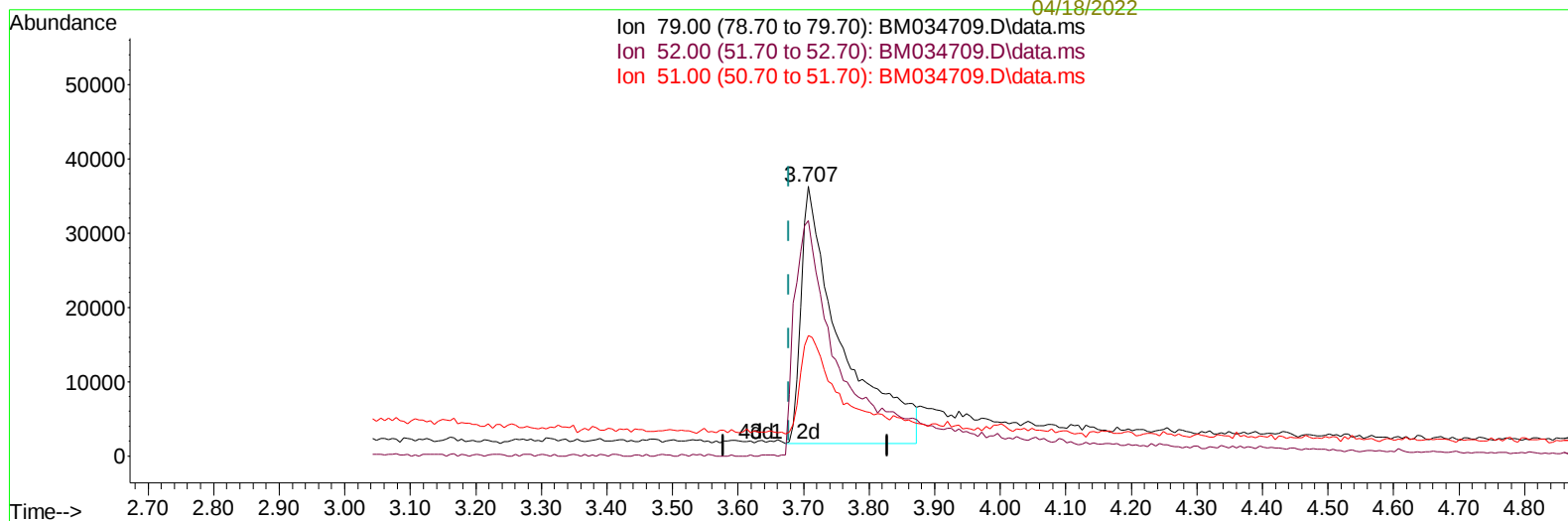
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(5) Pyridine

3.707min (+ 0.029) 19.89 ng/ul m

response 146524

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	59.60	87.28#
51.00	32.00	44.59#
0.00	0.00	0.00

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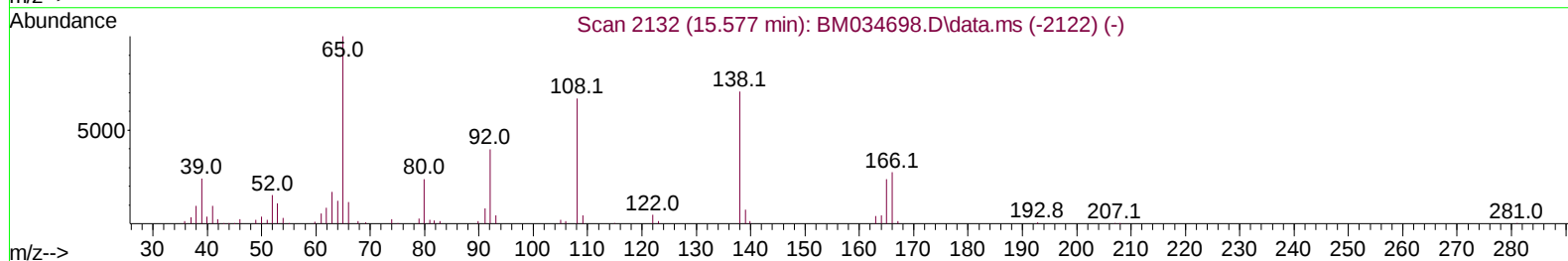
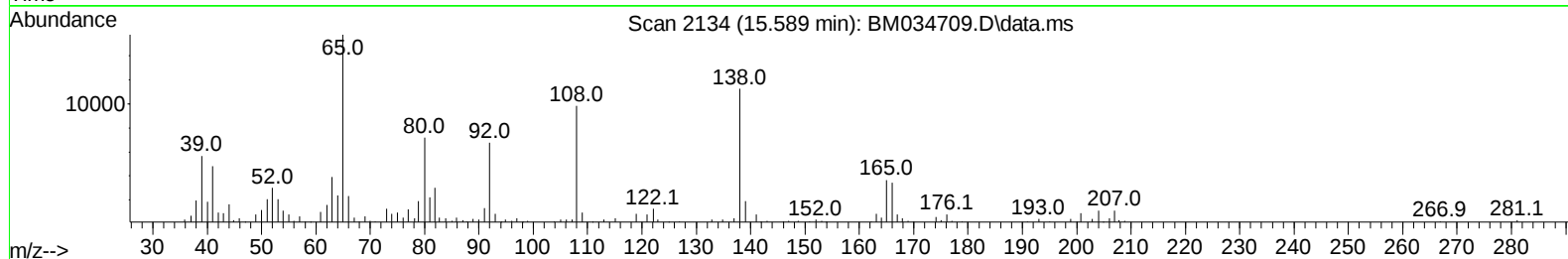
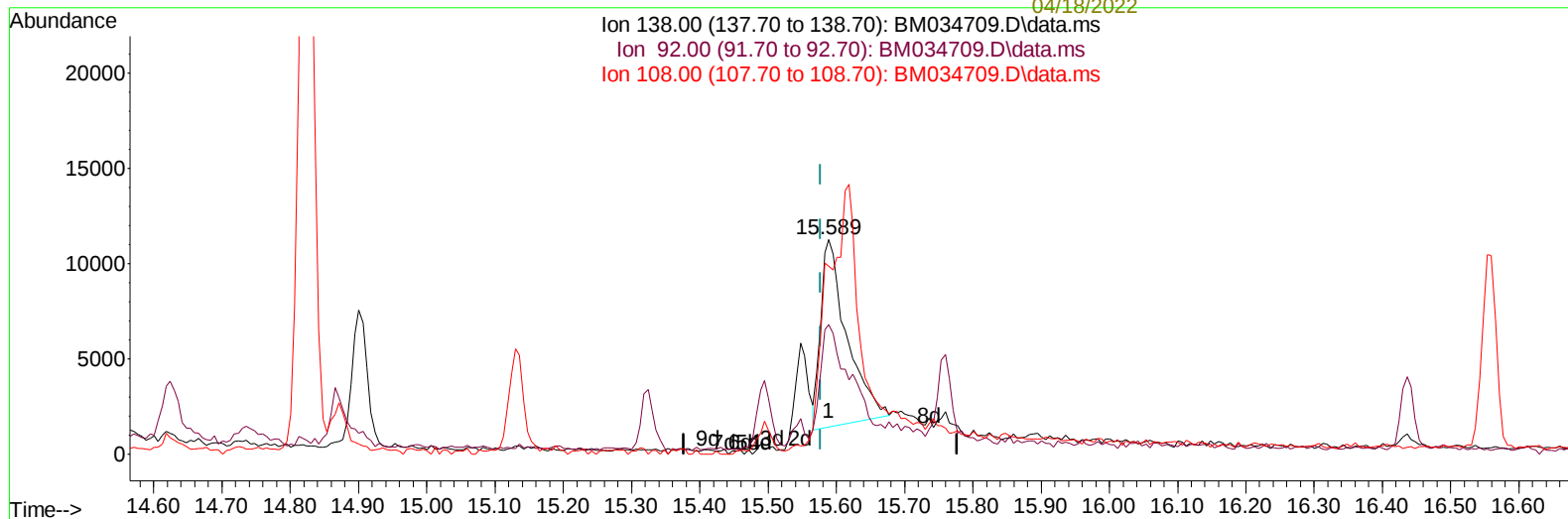
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TIC: BM034709.D\data.ms

(63) 4-Nitroaniline

15.589min (+ 0.012) 10.46 ng/ul

response 26117

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	45.40	60.15#
108.00	86.10	87.54
0.00	0.00	0.00

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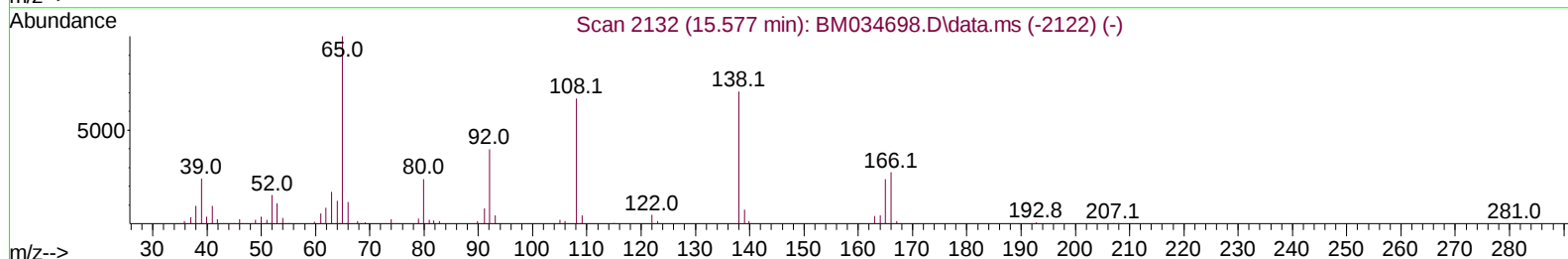
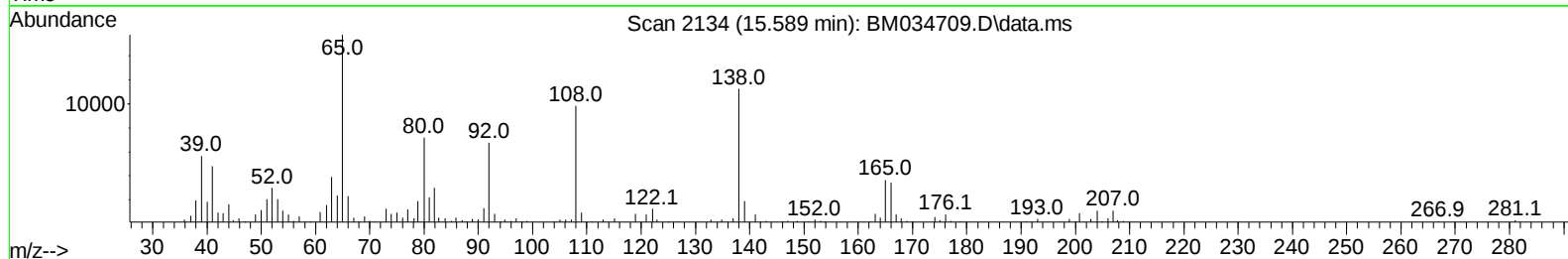
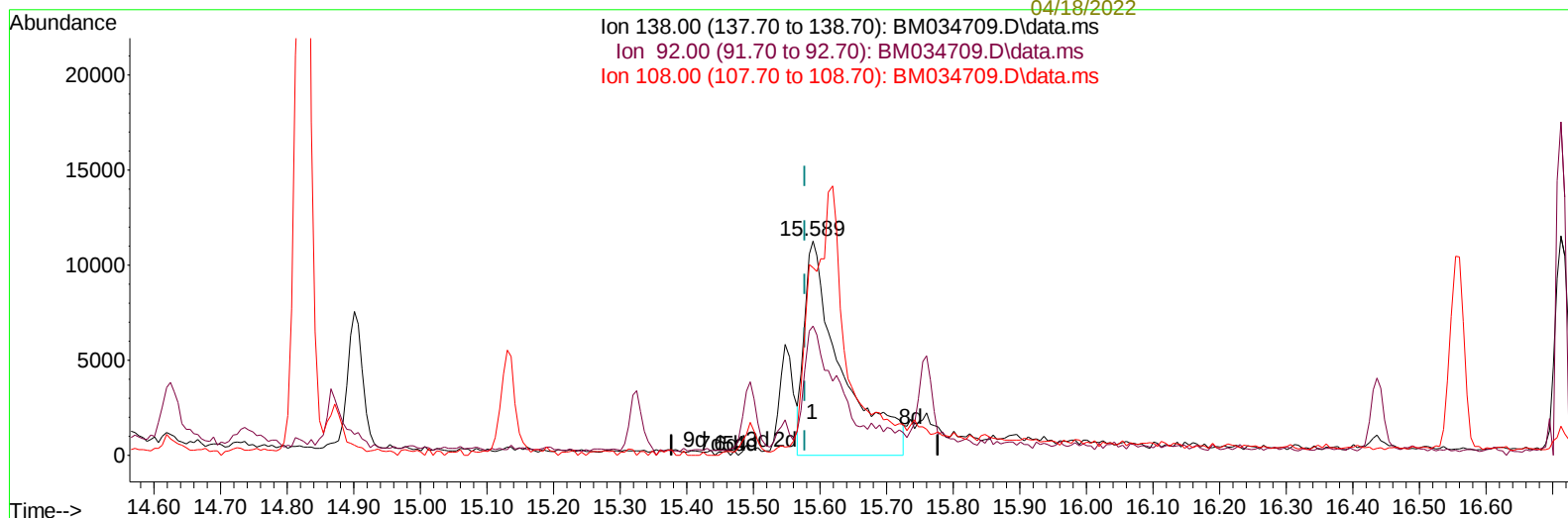
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TIC: BM034709.D\data.ms

(63) 4-Nitroaniline

15.589min (+ 0.012) 17.14 ng/ul m

response 42784

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	45.40	60.15#
108.00	86.10	87.54
0.00	0.00	0.00

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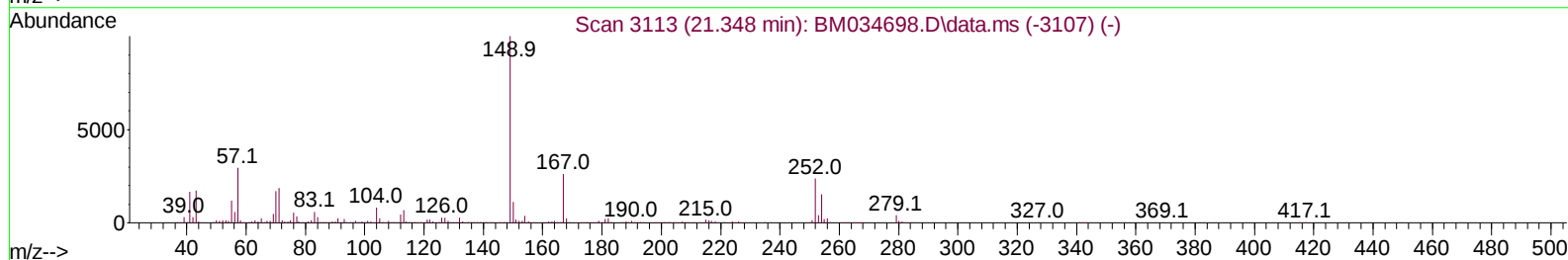
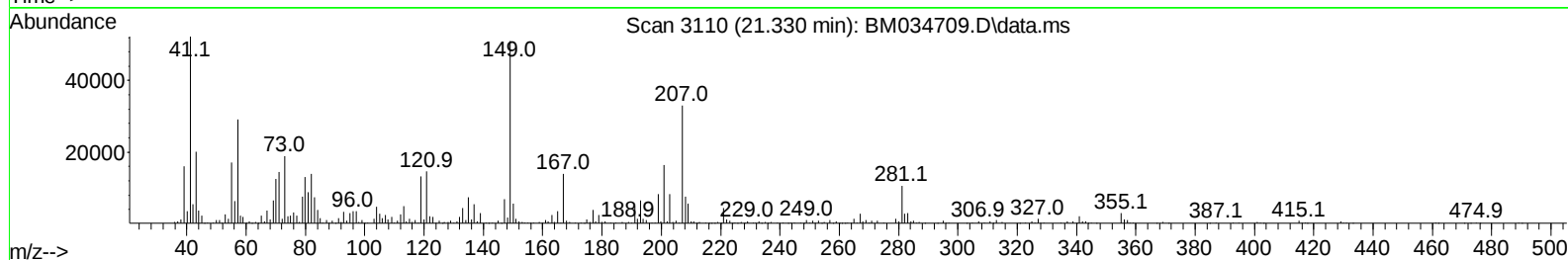
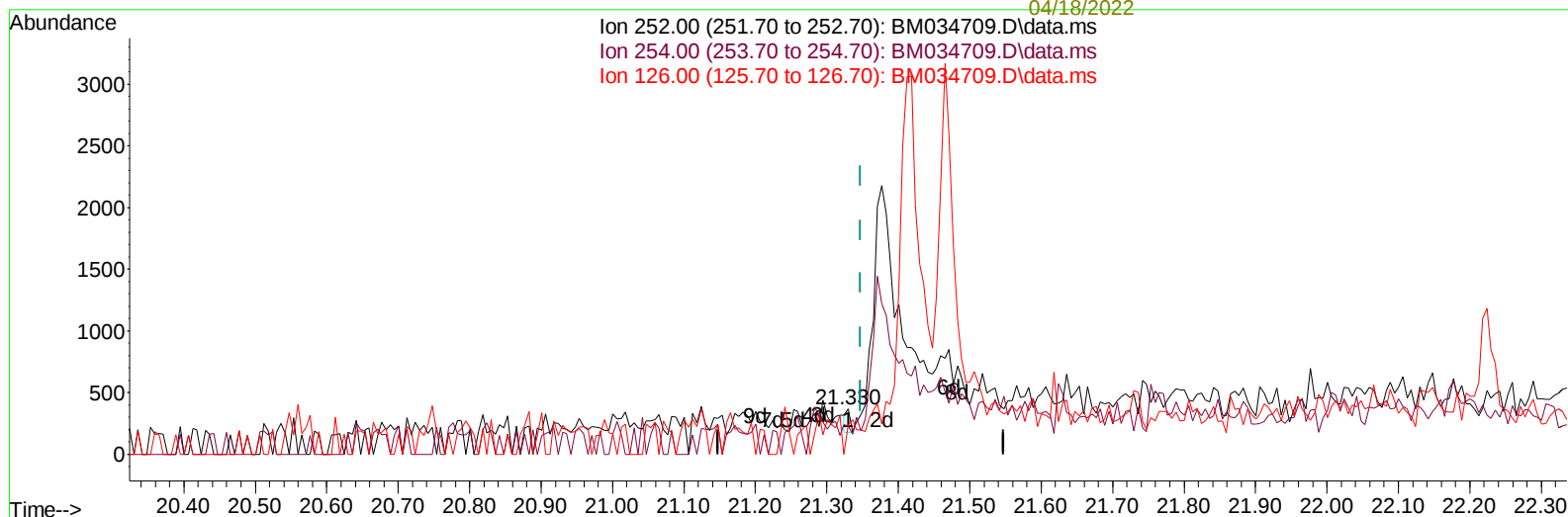
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TIC: BM034709.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.330min (-0.018) 0.01 ng/u1

response 66

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	63.40	63.01
126.00	8.20	65.21#
0.00	0.00	0.00

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 Sample : PB144066BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

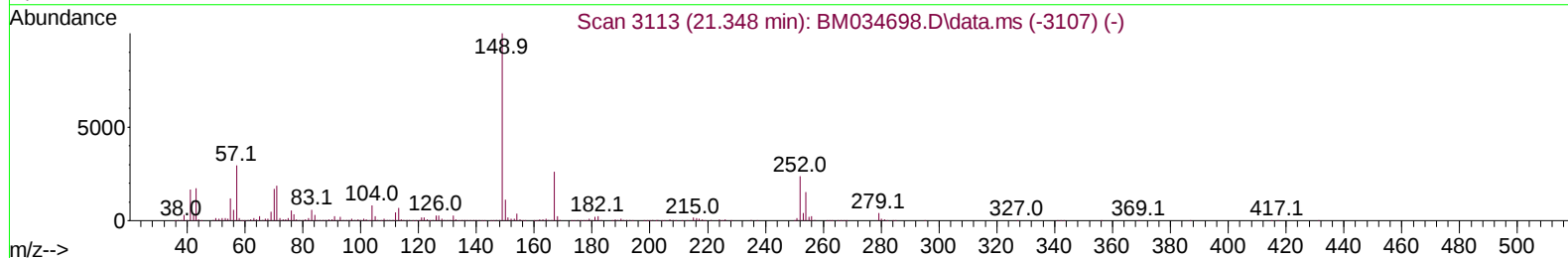
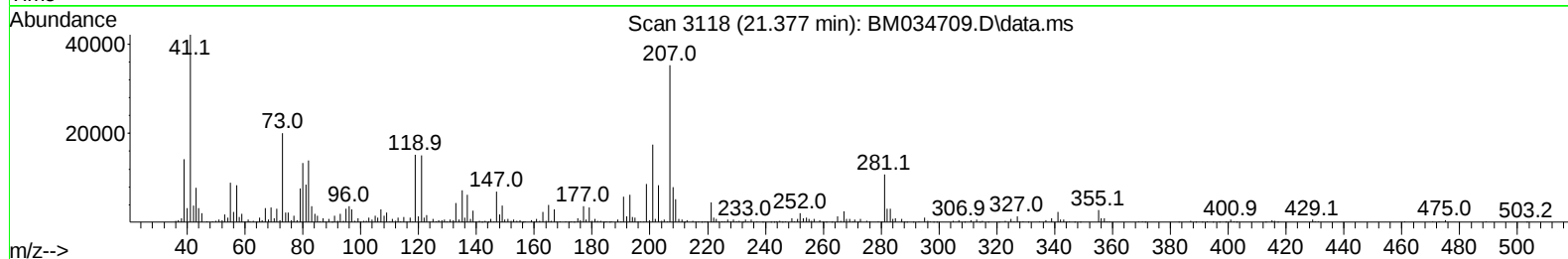
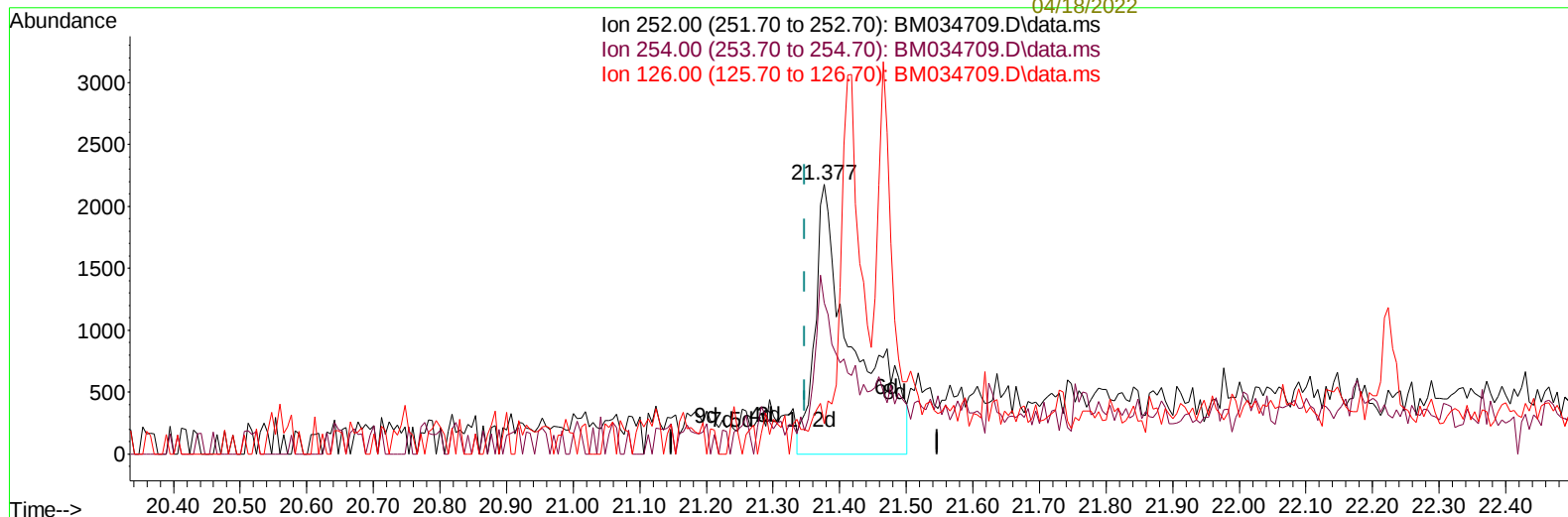
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TIC: BM034709.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.377min (+ 0.029) 1.13 ng/ul m

response 8883

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	63.40	55.97
126.00	8.20	11.31#
0.00	0.00	0.00

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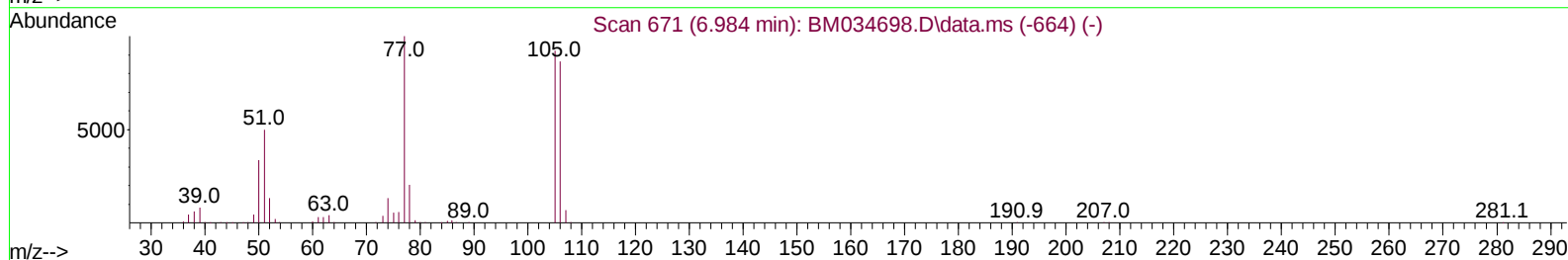
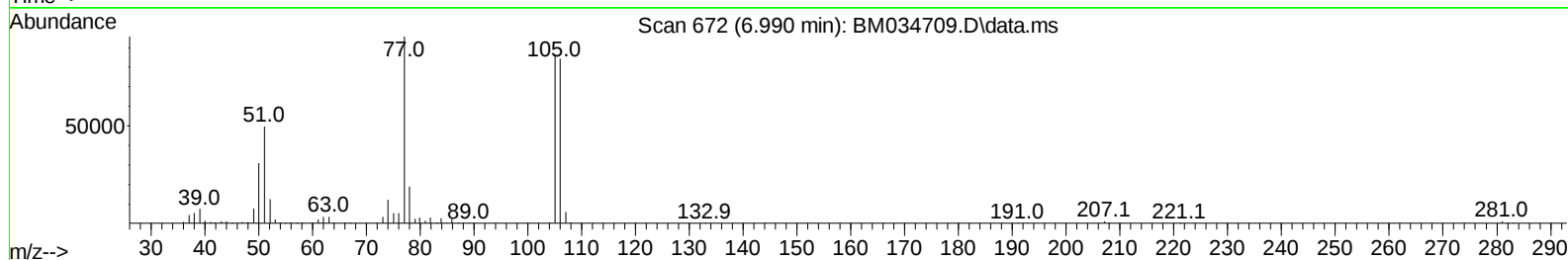
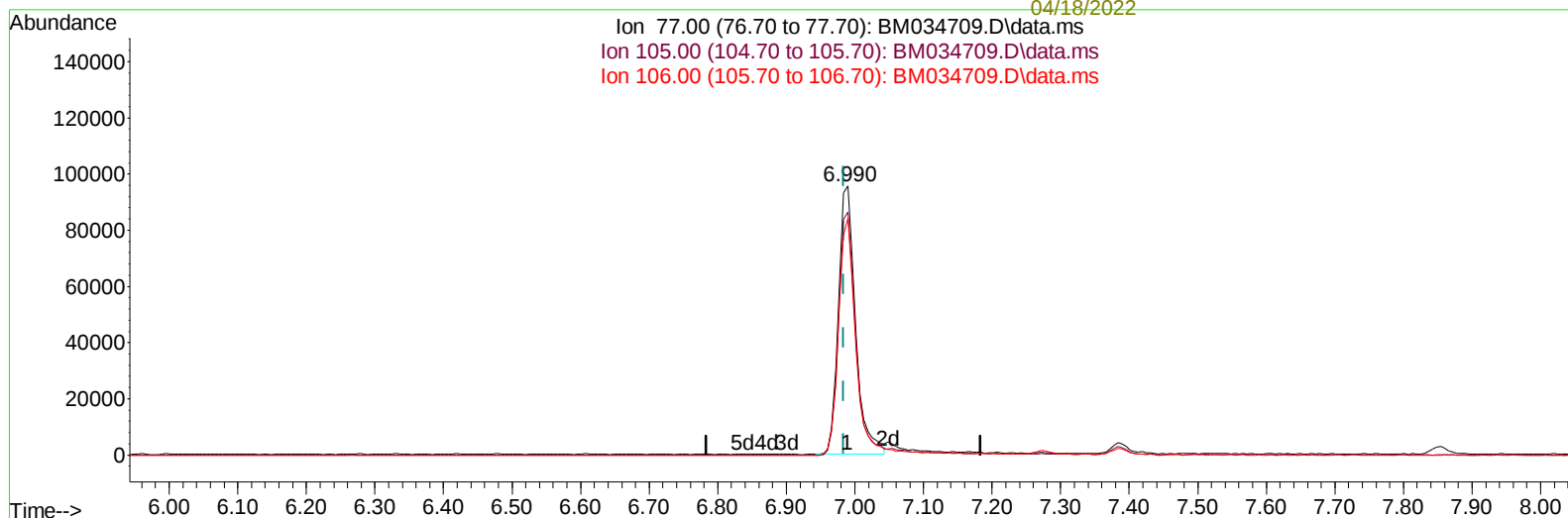
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TIC: BM034709.D\data.ms

(6) Benzaldehyde

6.990min (+ 0.006) 32.54 ng/u1

response 165387

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.00	90.49
106.00	95.80	88.08
0.00	0.00	0.00

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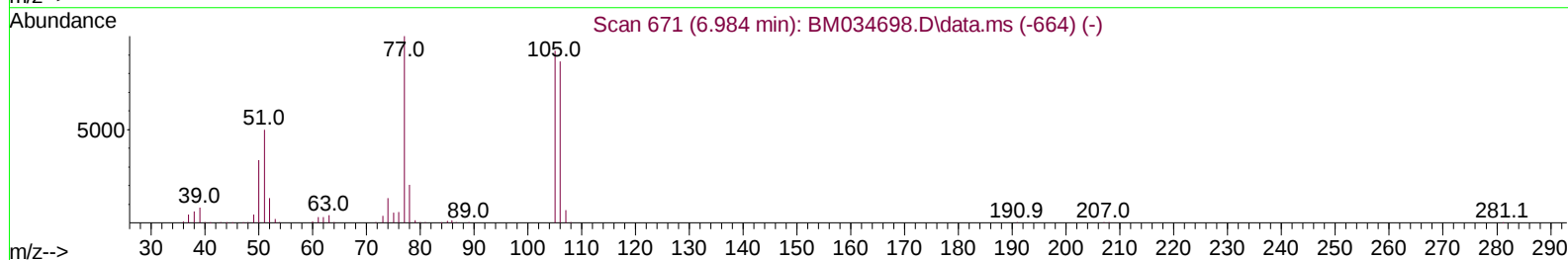
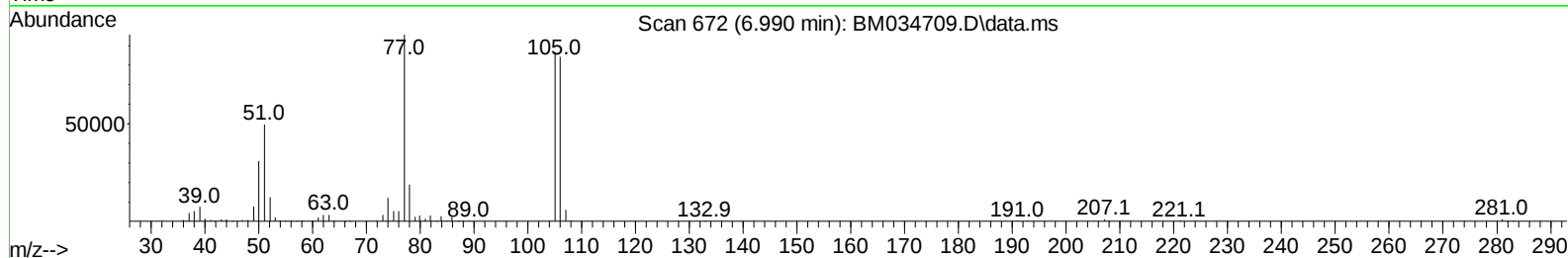
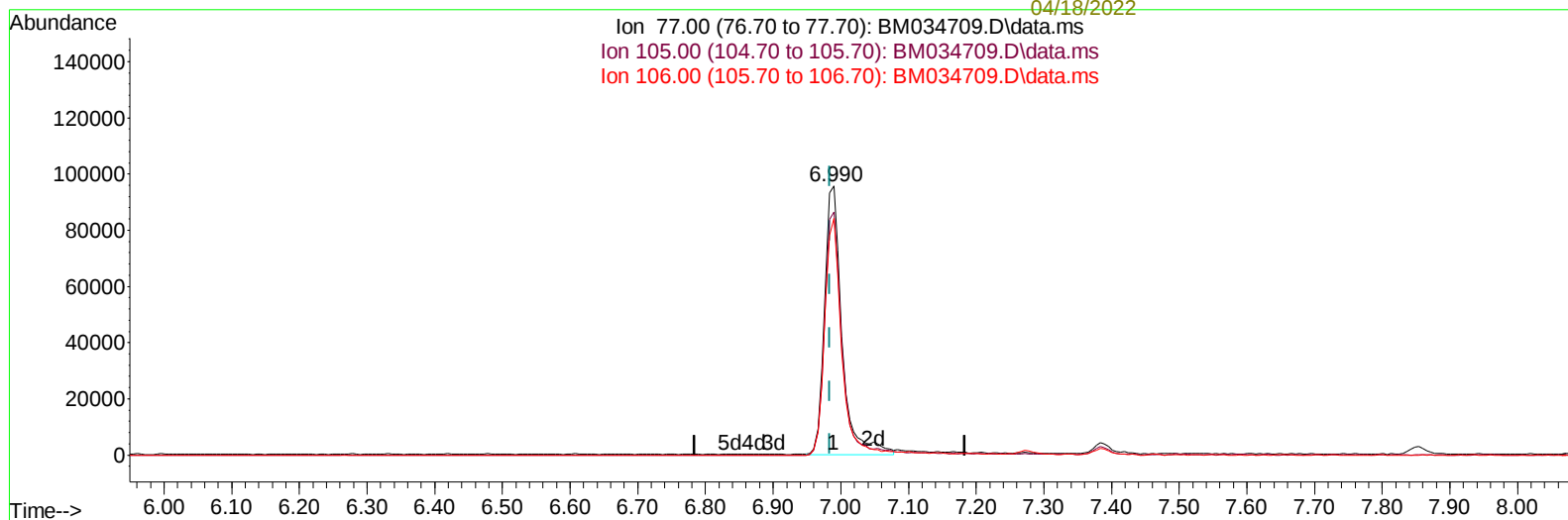
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TIC: BM034709.D\data.ms

(6) Benzaldehyde

6.990min (+ 0.006) 33.80 ng/ul m

response 171826

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.00	90.49
106.00	95.80	88.08
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	99616	20.000	ng/ul	0.00
20) Naphthalene-d8	10.660	136	409317	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.501	164	237396	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.248	188	482694	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.430	240	446576	20.000	ng/ul	# 0.00
88) Perylene-d12	23.800	264	368692	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	16395	5.869	ng/uL	0.00
4) Pyridine-d5	3.684	84	106322	15.771	ng/ul	0.02
7) Phenol-d5	7.025	99	247306	29.828	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	176397	31.927	ng/ul	0.00
11) 2-Chlorophenol-d4	7.384	132	214176	33.416	ng/ul	0.00
15) 4-Methylphenol-d8	8.572	113	198730	30.684	ng/ul	0.00
21) Nitrobenzene-d5	9.019	128	98624	32.784	ng/ul	0.00
24) 2-Nitrophenol-d4	9.742	143	100067	31.950	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.289	165	186743	31.665	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	126552	15.554	ng/ul	0.01
46) Dimethylphthalate-d6	13.919	166	557249	32.486	ng/ul	0.00
49) Acenaphthylene-d8	14.195	160	671789	30.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.724	143	58290	22.286	ng/ul	0.02
60) Fluorene-d10	15.495	176	474316	31.997	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.618	200	54285	18.422	ng/ul	0.00
73) Anthracene-d10	17.348	188	714686	31.055	ng/ul	0.00
81) Pyrene-d10	19.642	212	820688	33.671	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.647	264	581296	31.343	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.266	88	32208	11.450	ng/ul#	67
5) Pyridine	3.707	79	146524m	19.890	ng/ul	
6) Benzaldehyde	6.990	77	171826m	33.804	ng/ul	
8) Phenol	7.054	94	261743	31.249	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.272	93	213180	31.537	ng/ul#	86
12) 2-Chlorophenol	7.419	128	216736	33.173	ng/ul#	89
13) 2-Methylphenol	8.307	108	197517	31.899	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.390	45	343359	33.973	ng/ul#	86
16) Acetophenone	8.678	105	317956	31.452	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.666	70	159736	29.686	ng/ul#	85
18) 4-Methylphenol	8.637	108	201673	30.617	ng/ul	93
19) Hexachloroethane	8.937	117	91176	31.026	ng/ul	84
22) Nitrobenzene	9.060	77	251393	31.877	ng/ul	92
23) Isophorone	9.589	82	471794	33.689	ng/ul#	92
25) 2-Nitrophenol	9.778	139	104696	31.210	ng/ul#	91
26) 2,4-Dimethylphenol	9.842	107	223428	30.007	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.072	93	273085	32.410	ng/ul	99
29) 2,4-Dichlorophenol	10.319	162	181336	31.154	ng/ul#	95
30) Naphthalene	10.713	128	672272	31.549	ng/ul	98
32) 4-Chloroaniline	10.842	127	114008	13.987	ng/ul	99
33) Hexachlorobutadiene	11.001	225	123220	30.111	ng/ul	99
34) Caprolactam	11.625	113	39129	20.693	ng/ul#	41
35) 4-Chloro-3-methylphenol	11.966	107	190140	31.468	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.330	142	440835	32.279	ng/ul	100
37) 1-Methylnaphthalene	12.548	142	447832	31.962	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.701	216	220820	31.076	ng/ul#	96
40) Hexachlorocyclopentadiene	12.677	237	98196	21.058	ng/ul	94
41) 2,4,6-Trichlorophenol	12.942	196	143362	33.212	ng/ul	97
42) 2,4,5-Trichlorophenol	13.019	196	146400	32.729	ng/ul	99
43) 1,1'-Biphenyl	13.336	154	579820	32.242	ng/ul#	97
44) 2-Chloronaphthalene	13.377	162	444516	32.197	ng/ul	96
45) 2-Nitroaniline	13.589	65	131928	35.044	ng/ul#	82
47) Dimethylphthalate	13.966	163	545868	32.337	ng/ul	99
48) 2,6-Dinitrotoluene	14.083	165	111525	34.389	ng/ul	89
50) Acenaphthylene	14.224	152	717707	32.065	ng/ul	99
51) 3-Nitroaniline	14.430	138	52409	18.484	ng/ul	86
52) Acenaphthene	14.566	153	470925	31.602	ng/ul	99
53) 2,4-Dinitrophenol	14.624	184	19051	10.424	ng/ul#	74
55) 4-Nitrophenol	14.736	109	49291	22.068	ng/ul#	76
56) Dibenzofuran	14.901	168	658387	32.508	ng/ul	94
57) 2,4-Dinitrotoluene	14.871	165	152979	33.892	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.130	232	128146	32.630	ng/ul#	85
59) Diethylphthalate	15.324	149	562515	32.806	ng/ul	98
61) Fluorene	15.554	166	545211	31.906	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.542	204	261571	31.712	ng/ul	92
63) 4-Nitroaniline	15.589	138	42784m	17.137	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.630	198	53445	18.190	ng/ul#	76
67) N-Nitrosodiphenylamine	15.760	169	435665	30.294	ng/ul	100
68) 4-Bromophenyl-phenylether	16.436	248	158842	31.834	ng/ul#	90
69) Hexachlorobenzene	16.560	284	182191	30.403	ng/ul	94
70) Atrazine	16.712	200	138266	25.692	ng/ul	98
71) Pentachlorophenol	16.901	266	85544	23.313	ng/ul	99
72) Phenanthrene	17.289	178	855381	31.758	ng/ul	100
74) Anthracene	17.383	178	848441	31.789	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.307	216	232883	30.719	ng/uL	98
76) Pentachlorobenzene	14.824	250	213020	29.942	ng/uL	100
77) Carbazole	17.654	167	655752	29.700	ng/ul	99
78) Di-n-butylphthalate	18.218	149	935506	33.383	ng/ul	99
80) Fluoranthene	19.306	202	973430	36.088	ng/ul#	90
82) Pyrene	19.671	202	1004801	34.272	ng/ul#	89
83) Butylbenzylphthalate	20.565	149	357434	31.142	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.377	252	8883m	1.135	ng/ul	
85) Benzo(a)anthracene	21.412	228	819034	31.542	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.348	149	567001	33.007	ng/ul	97
87) Chrysene	21.465	228	943371	33.692	ng/ul	99
89) Di-n-octyl phthalate	22.253	149	706066	28.766	ng/ul	100
90) Benzo(b)fluoranthene	23.077	252	762108	34.787	ng/ul#	97
91) Benzo(k)fluoranthene	23.124	252	831852	36.157	ng/ul#	96
93) Benzo(a)pyrene	23.700	252	708413	32.717	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.271	276	330685	14.271	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.318	278	178016	9.371	ng/ul#	89
96) Benzo(g,h,i)perylene	27.024	276	460279	20.695	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
 Data File : BM034709.D
 Acq On : 15 Apr 2022 19:26
 Operator : CG/JU
 Sample : PB144066BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

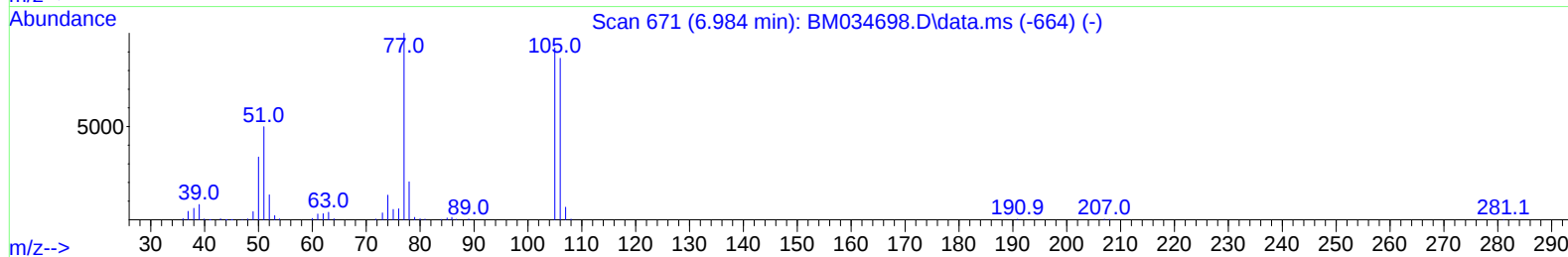
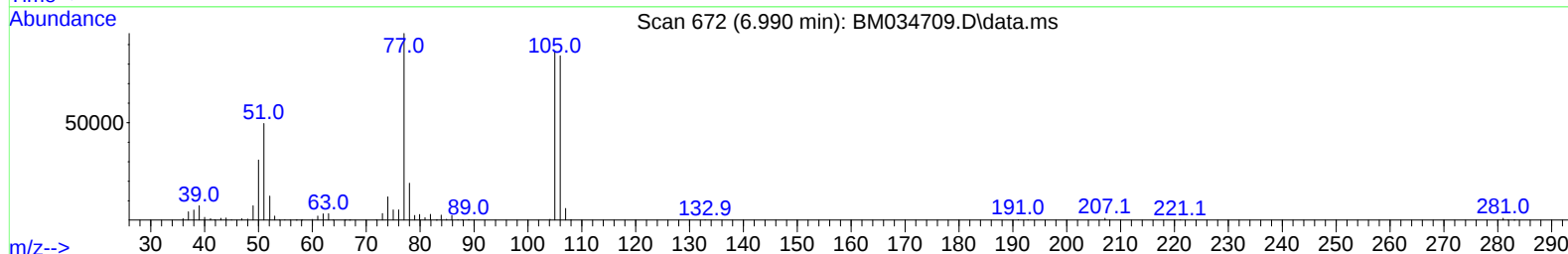
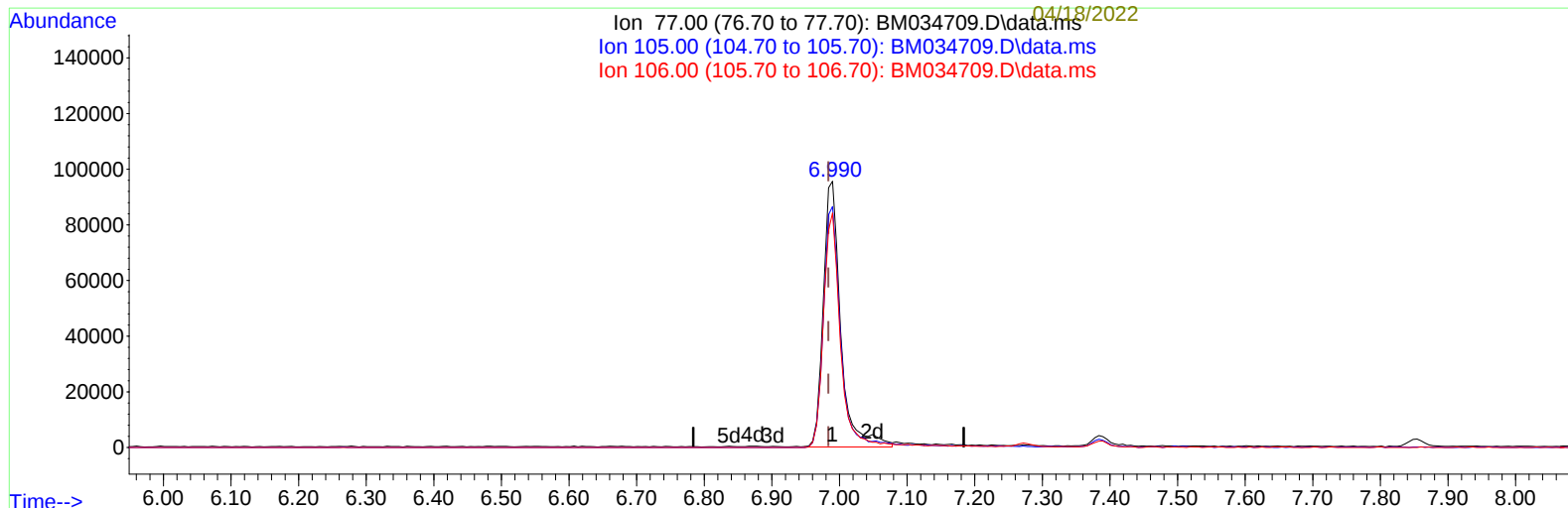
Instrument :
 BNA_M
 ClientSampleId :
 SLCS066

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Supervised By :Yogesh
 Patel

Quant Time: Apr 18 08:11:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 05:39:41 2022
 Response via : Initial Calibration



TIC: BM034709.D\data.ms

(6) Benzaldehyde

6.990min (+ 0.006) 33.80 ng/u1 m

response 171826

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.00	90.49
106.00	95.80	88.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
 Data File : BM034709.D
 Acq On : 15 Apr 2022 19:26
 Operator : CG/JU
 Sample : PB144066BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

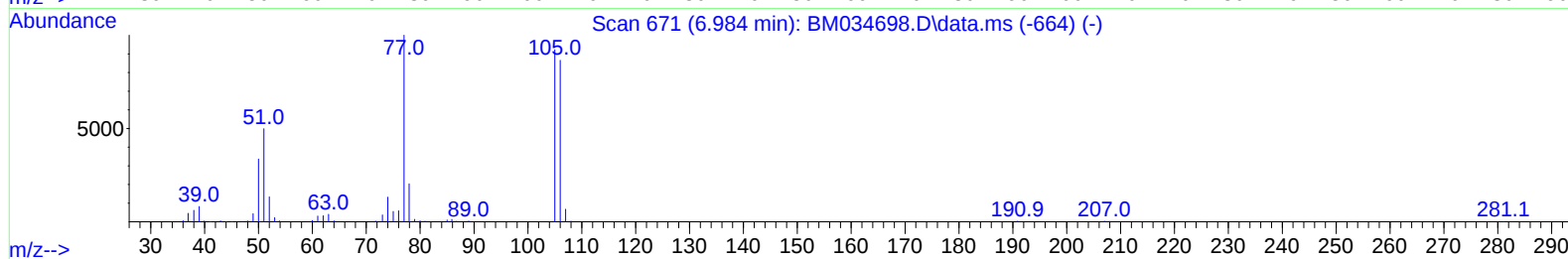
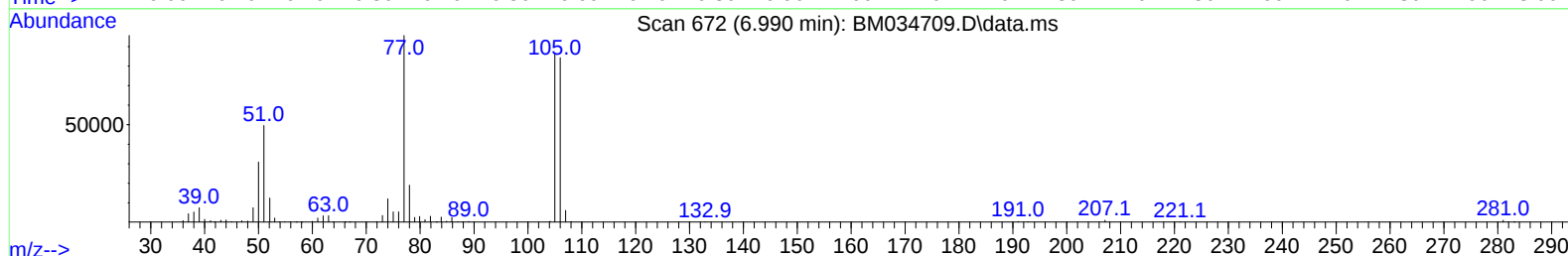
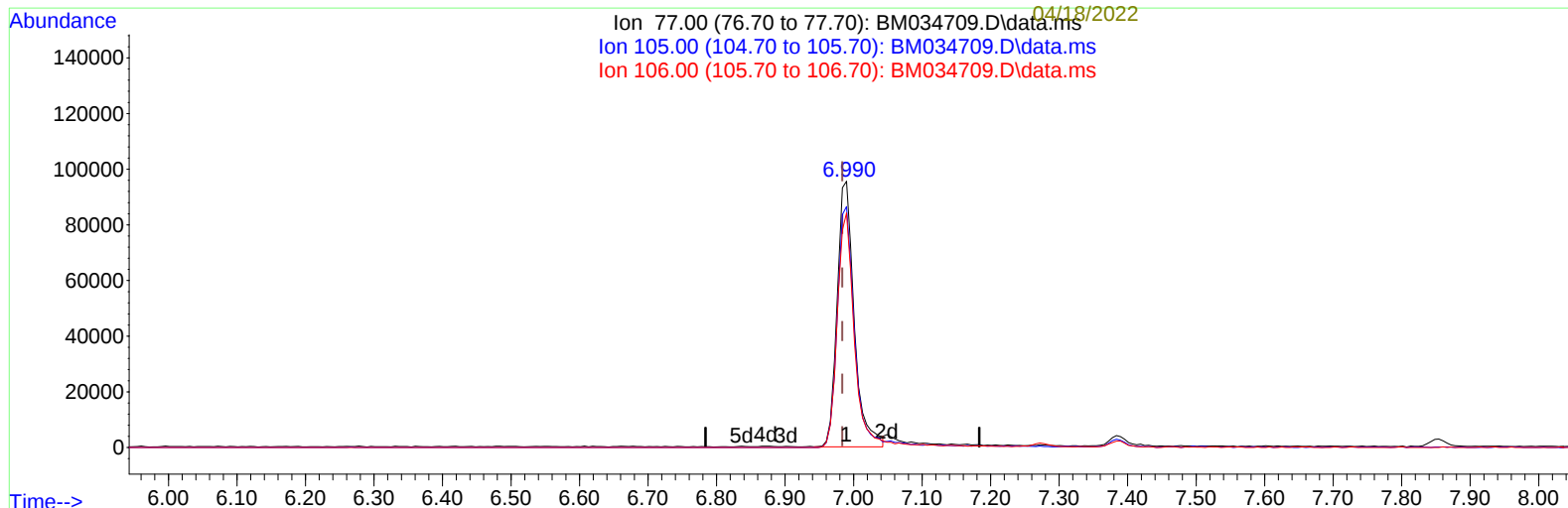
Instrument :
 BNA_M
 ClientSampleId :
 SLCS066

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Supervised By :Yogesh
 Patel

Quant Time: Apr 19 08:29:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 05:39:41 2022
 Response via : Initial Calibration



TIC: BM034709.D\data.ms

(6) Benzaldehyde

6.990min (+ 0.006) 32.54 ng/u1

response 165387

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.00	90.49
106.00	95.80	88.08
0.00	0.00	0.00