

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036767.D
 Acq On : 27 Sep 2022 05:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020191

Quant Time: Sep 27 05:36:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 23:10:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
 Supervised By :mohammad ahmed 09/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	406412	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	1731299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	1042688	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	2005556	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1540593	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1247425	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	77441	7.143	ng/uL	0.00
4) Pyridine-d5	3.811	84	599566	18.963	ng/u1	0.00
7) Phenol-d5	7.158	99	715032	19.688	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	432917	19.628	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	543532	20.787	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	548637	20.444	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	269868	23.030	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	262086	24.969	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	514932	21.169	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	785597	19.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	1391503	19.787	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1681201	20.155	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	240592	17.639	ng/u1	0.00
60) Fluorene-d10	15.610	176	1242277	19.712	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	156322	19.701	ng/u1	0.00
73) Anthracene-d10	17.457	188	1826765	19.921	ng/u1	0.00
81) Pyrene-d10	19.745	212	1889670	24.933	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	1246113	20.447	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	84452	7.231	ng/uL	93
5) Pyridine	3.828	79	599226	18.864	ng/u1	96
6) Benzaldehyde	7.134	77	401026m	22.802	ng/u1	
8) Phenol	7.181	94	763104	19.577	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	601390	19.829	ng/u1	98
12) 2-Chlorophenol	7.557	128	591248	20.903	ng/u1	99
13) 2-Methylphenol	8.440	108	563983	19.684	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	704312	19.594	ng/u1	99
16) Acetophenone	8.828	105	923331	19.836	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.816	70	450462	20.056	ng/u1	96
18) 4-Methylphenol	8.775	108	622401	20.089	ng/u1	96
19) Hexachloroethane	9.081	117	231005	20.163	ng/u1	98
22) Nitrobenzene	9.210	77	696275	22.379	ng/u1	98
23) Isophorone	9.740	82	1228734	19.369	ng/u1	100
25) 2-Nitrophenol	9.922	139	306323	23.628	ng/u1	99
26) 2,4-Dimethylphenol	9.981	107	661928	20.701	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	773440	20.455	ng/u1	100
29) 2,4-Dichlorophenol	10.451	162	541249	21.165	ng/u1	99
30) Naphthalene	10.857	128	1920301	20.361	ng/u1	100
32) 4-Chloroaniline	10.969	127	806174	19.307	ng/u1	99
33) Hexachlorobutadiene	11.146	225	306518	19.598	ng/u1	100
34) Caprolactam	11.757	113	148659	17.921	ng/u1	96
35) 4-Chloro-3-methylphenol	12.087	107	584112	20.692	ng/u1	98
36) 2-Methylnaphthalene	12.463	142	1259589	20.045	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	1258325	19.919	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	609389	20.649	ng/u1	99
40) Hexachlorocyclopentadiene	12.804	237	247205	16.073	ng/u1	97
41) 2,4,6-Trichlorophenol	13.063	196	384240	21.264	ng/u1	99
42) 2,4,5-Trichlorophenol	13.134	196	423017	21.835	ng/u1	99
43) 1,1'-Biphenyl	13.463	154	1599462	20.809	ng/u1	99
44) 2-Chloronaphthalene	13.504	162	1254237	20.795	ng/u1	100
45) 2-Nitroaniline	13.710	65	350872	23.635	ng/u1	97
47) Dimethylphthalate	14.086	163	1477513	19.807	ng/u1	99
48) 2,6-Dinitrotoluene	14.204	165	279257	23.026	ng/u1	97
50) Acenaphthylene	14.345	152	1924008	20.174	ng/u1	99
51) 3-Nitroaniline	14.528	138	304594	20.940	ng/u1#	97
52) Acenaphthene	14.686	153	1347847	20.199	ng/u1	100
53) 2,4-Dinitrophenol	14.733	184	91508	17.004	ng/u1	96
55) 4-Nitrophenol	14.828	109	207047	17.757	ng/u1	99
56) Dibenzofuran	15.022	168	1797375	20.056	ng/u1	97
57) 2,4-Dinitrotoluene	14.981	165	397677	22.555	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.245	232	327539	20.197	ng/u1	99
59) Diethylphthalate	15.439	149	1478231	19.795	ng/u1	99
61) Fluorene	15.669	166	1517828	19.886	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.663	204	713772	19.554	ng/u1	98
63) 4-Nitroaniline	15.686	138	275011	19.460	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.739	198	173033	19.324	ng/u1	97
67) N-Nitrosodiphenylamine	15.875	169	1233028	20.874	ng/u1	98
68) 4-Bromophenyl-phenylether	16.551	248	253707	12.834	ng/u1	98
69) Hexachlorobenzene	16.663	284	435024	18.606	ng/u1	95
70) Atrazine	16.827	200	392716	18.840	ng/u1	99
71) Pentachlorophenol	17.010	266	238620	17.182	ng/u1	98
72) Phenanthrene	17.404	178	2257305	20.434	ng/u1	99
74) Anthracene	17.492	178	2263449	20.158	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.428	216	592475	21.599	ng/uL	99
76) Pentachlorobenzene	14.939	250	609560	20.546	ng/uL	99
77) Carbazole	17.763	167	1975502	19.003	ng/u1	100
78) Di-n-butylphthalate	18.327	149	2422079	20.556	ng/u1	100
80) Fluoranthene	19.410	202	2352984	25.335	ng/u1	100
82) Pyrene	19.768	202	2460747	25.030	ng/u1	97
83) Butylbenzylphthalate	20.668	149	957300	25.698	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.445	252	574713	19.092	ng/u1	97
85) Benzo(a)anthracene	21.515	228	1989496	20.611	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	1472845	27.066	ng/u1	99
87) Chrysene	21.568	228	1865506	20.361	ng/u1	100
89) Di-n-octyl phthalate	22.374	149	2153487	28.635	ng/u1	100
90) Benzo(b)fluoranthene	23.215	252	1685751	21.311	ng/u1	99
91) Benzo(k)fluoranthene	23.262	252	1664779	21.062	ng/u1	98
93) Benzo(a)pyrene	23.851	252	1428881	20.548	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	1537193	18.929	ng/u1	97
95) Dibenzo(a,h)anthracene	26.503	278	1388305	18.851	ng/u1	99
96) Benzo(g,h,i)perylene	27.262	276	1349576	19.170	ng/u1	98

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

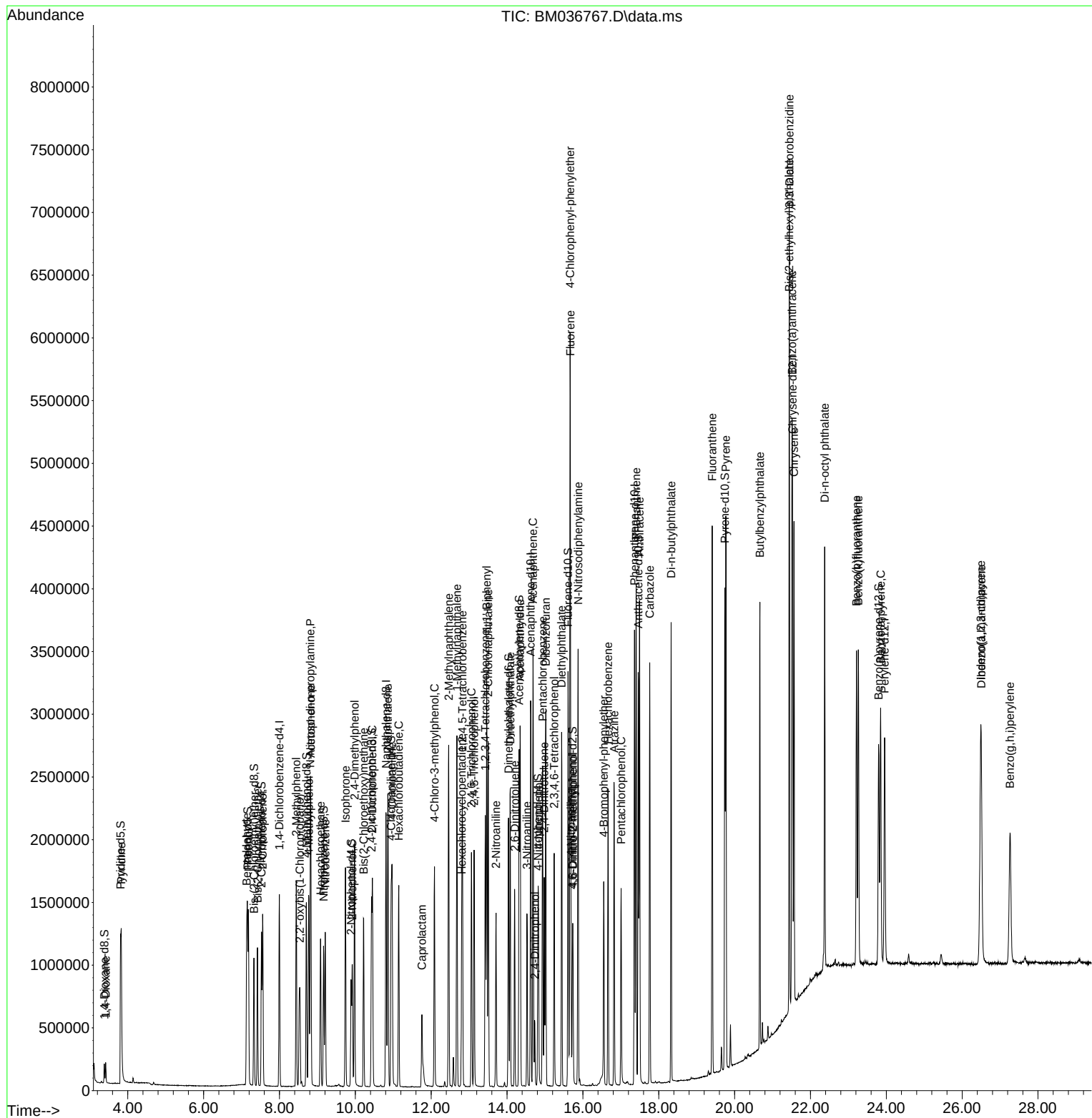
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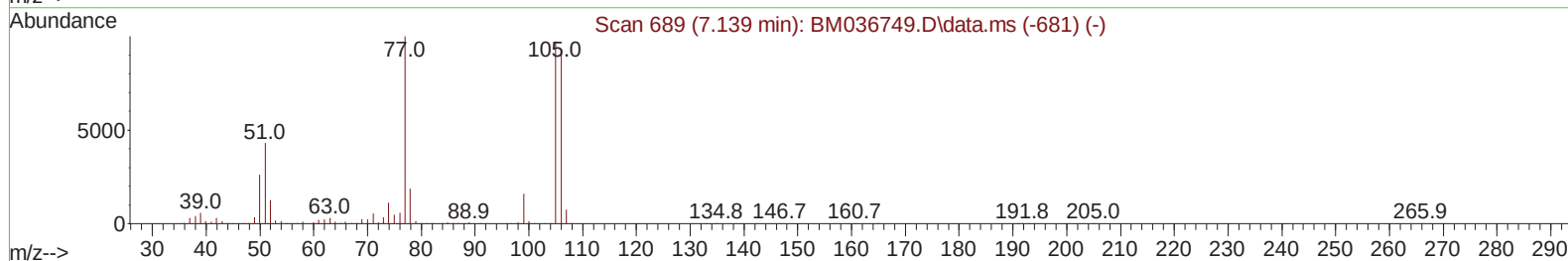
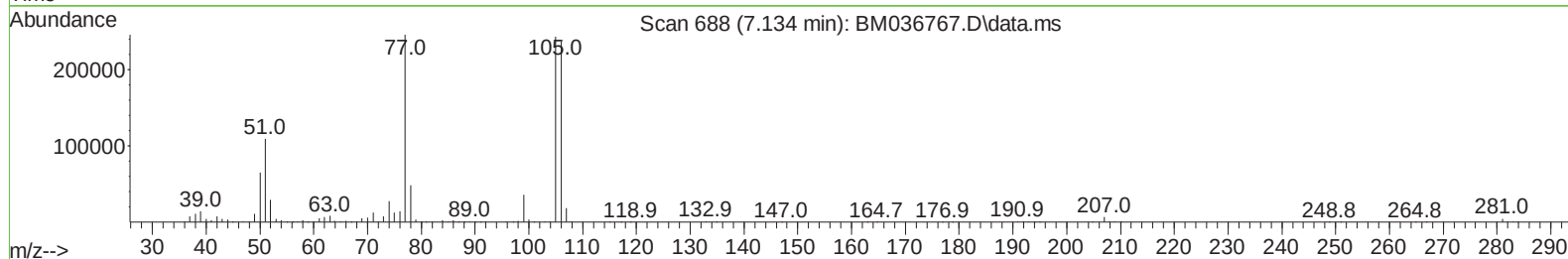
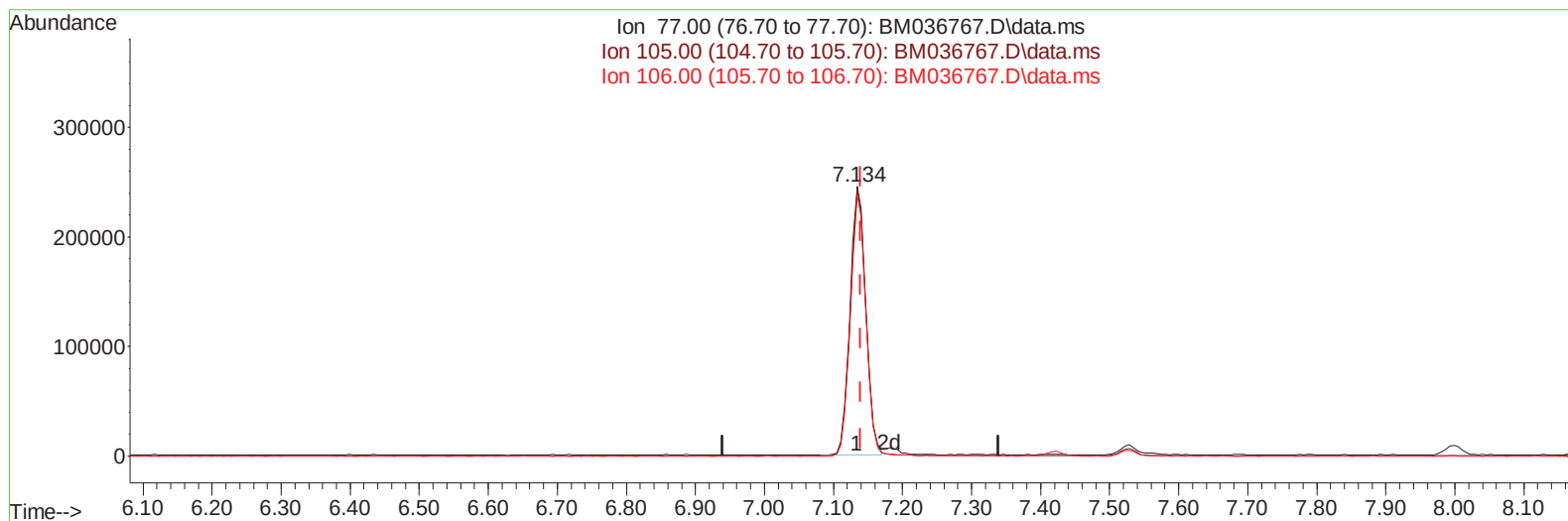
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TIC: BM036767.D\data.ms

(6) Benzaldehyde

7.134min (-0.005) 22.18 ng/ul

response 390095

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.99
106.00	91.30	96.75
0.00	0.00	0.00

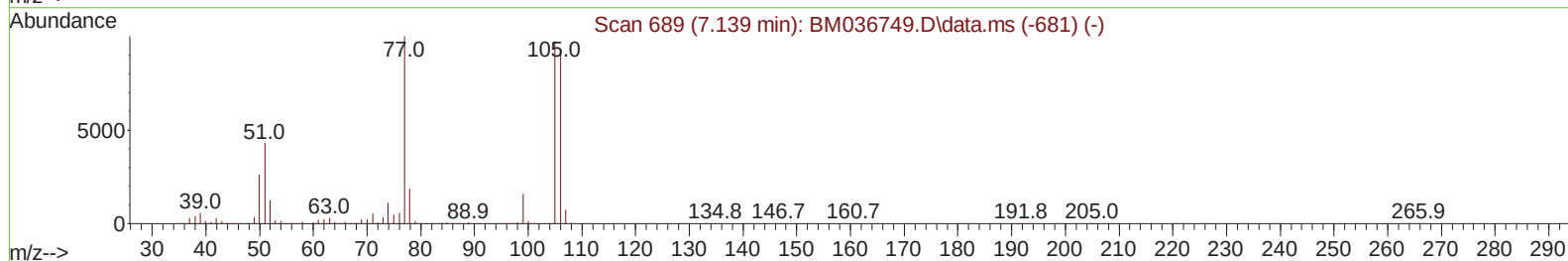
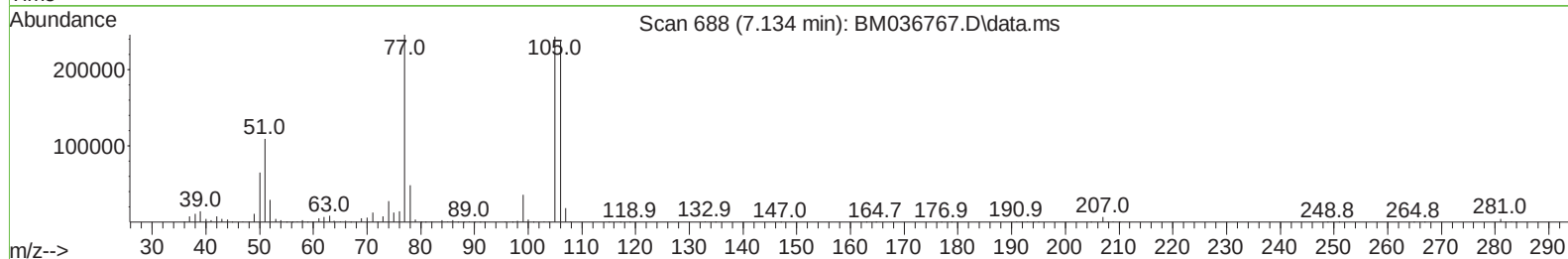
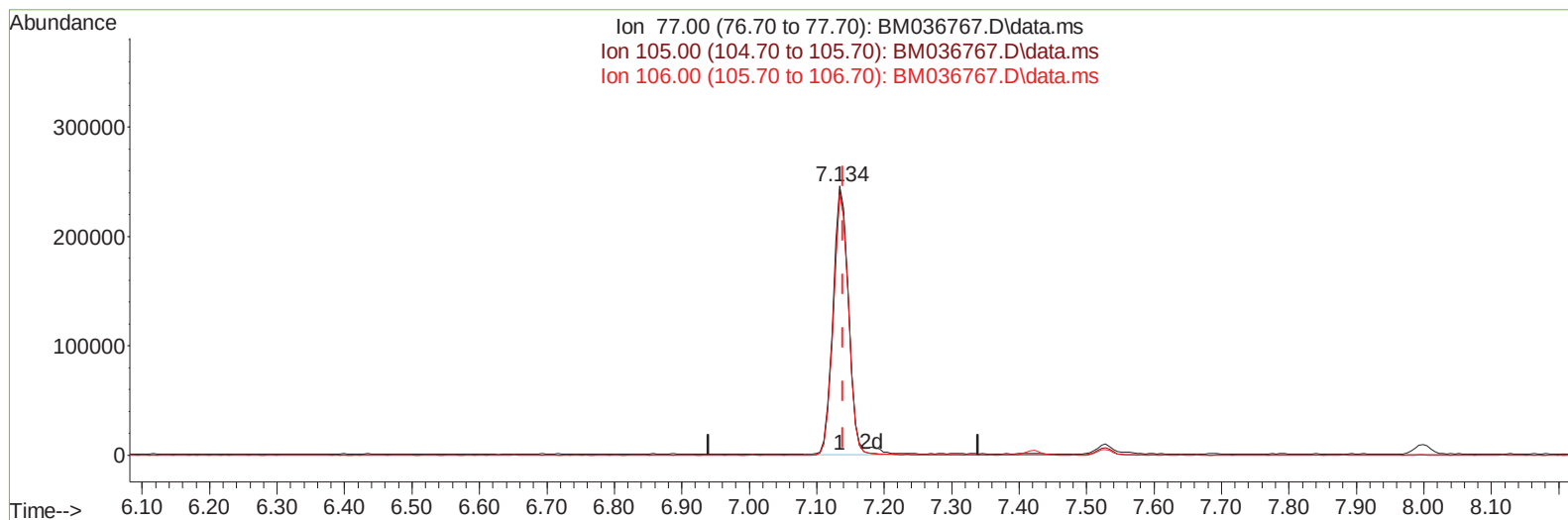
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TIC: BM036767.D\data.ms

(6) Benzaldehyde

7.134min (-0.005) 22.80 ng/ul m

response 401026

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.99
106.00	91.30	96.75
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	7.999	152	406412	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	1731299	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	1042688	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	2005556	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1540593	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	1247425	20.000	ng/ul	-0.01
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3) 1,4-Dioxane-d8	3.381	96	77441	7.143	ng/uL	0.00
4) Pyridine-d5	3.811	84	599566	18.963	ng/ul	0.00
7) Phenol-d5	7.158	99	715032	19.688	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	432917	19.628	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	543532	20.787	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	548637	20.444	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	269868	23.030	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	262086	24.969	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	514932	21.169	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	785597	19.425	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	1391503	19.787	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1681201	20.155	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	240592	17.639	ng/ul	0.00
60) Fluorene-d10	15.610	176	1242277	19.712	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	156322	19.701	ng/ul	0.00
73) Anthracene-d10	17.457	188	1826765	19.921	ng/ul	0.00
81) Pyrene-d10	19.745	212	1889670	24.933	ng/ul	0.00
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37) 1-Methylnaphthalene	12.681	142	1258325	19.919	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	609389	20.649	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	247205	16.073	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	384240	21.264	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	423017	21.835	ng/ul	99
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52) Acenaphthene	14.686	153	1347847	20.199	ng/ul	100
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61) Fluorene	15.669	166	1517828	19.886	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	713772	19.554	ng/ul	98
63) 4-Nitroaniline	15.686	138	275011	19.460	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	173033	19.324	ng/ul	97
67) N-Nitrosodiphenylamine	15.875	169	1233028	20.874	ng/ul	98
68) 4-Bromophenyl-phenylether	16.551	248	253707	12.834	ng/ul	98
69) Hexachlorobenzene	16.663	284	435024	18.606	ng/ul	95
70) Atrazine	16.827	200	392716	18.840	ng/ul	99
71) Pentachlorophenol	17.010	266	238620	17.182	ng/ul	98
72) Phenanthrene	17.404	178	2257305	20.434	ng/ul	99
74) Anthracene	17.492	178	2263449	20.158	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.428	216	592475	21.599	ng/uL	99
76) Pentachlorobenzene	14.939	250	609560	20.546	ng/uL	99
77) Carbazole	17.763	167	1975502	19.003	ng/ul	100
78) Di-n-butylphthalate	18.327	149	2422079	20.556	ng/ul	100
80) Fluoranthene	19.410	202	2352984	25.335	ng/ul	100
82) Pyrene	19.768	202	2460747	25.030	ng/ul	97
83) Butylbenzylphthalate	20.668	149	957300	25.698	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	574713	19.092	ng/ul	97
85) Benzo(a)anthracene	21.515	228	1989496	20.611	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	1472845	27.066	ng/ul	99
87) Chrysene	21.568	228	1865506	20.361	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	2153487	28.635	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1685751	21.311	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	1664779	21.062	ng/ul	98
93) Benzo(a)pyrene	23.851	252	1428881	20.548	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	1537193	18.929	ng/ul	97
95) Dibenzo(a,h)anthracene	26.503	278	1388305	18.851	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	1349576	19.170	ng/ul	98

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

