

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
 Data File : BP009869.D
 Acq On : 15 Apr 2022 19:33
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020754

Quant Time: Apr 18 01:03:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 00:59:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	126172	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	573522	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	417932	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.340	188	940867	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.422	240	1006739	20.000	ng/ul	# 0.00
88) Perylene-d12	23.886	264	975152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	21970	7.771	ng/uL	0.00
4) Pyridine-d5	3.799	84	151274	19.407	ng/ul	0.00
7) Phenol-d5	7.111	99	219676	19.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	136972	20.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	168386	20.152	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	185757	20.088	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	91356	22.089	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	99815	22.013	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	192360	20.273	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	289398	21.415	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	656842	20.008	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	788089	20.263	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	115294	19.365	ng/ul	0.00
60) Fluorene-d10	15.581	176	563843	20.416	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	106045	19.026	ng/ul	0.00
73) Anthracene-d10	17.439	188	904507	20.079	ng/ul	0.00
81) Pyrene-d10	19.669	212	1123126	20.427	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.722	264	1040066	20.481	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.417	88	21613	7.499	ng/uL#	15
5) Pyridine	3.817	79	158726	19.517	ng/ul#	45
6) Benzaldehyde	7.093	77	41831m	6.158	ng/ul	
8) Phenol	7.140	94	220469	19.884	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.375	93	175016	20.264	ng/ul#	75
12) 2-Chlorophenol	7.516	128	171455	20.353	ng/ul	94
13) 2-Methylphenol	8.399	108	171630	19.850	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	263033	20.603	ng/ul#	85
16) Acetophenone	8.781	105	301869	20.720	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.769	70	154617	20.470	ng/ul#	72
18) 4-Methylphenol	8.722	108	190034	20.296	ng/ul	93
19) Hexachloroethane	9.046	117	71992	20.242	ng/ul	83
22) Nitrobenzene	9.158	77	230953	21.756	ng/ul#	85
23) Isophorone	9.687	82	437647	20.007	ng/ul	98
25) 2-Nitrophenol	9.875	139	105963	21.911	ng/ul#	87
26) 2,4-Dimethylphenol	9.934	107	229654	20.011	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.169	93	261145	20.334	ng/ul#	97
29) 2,4-Dichlorophenol	10.405	162	188897	20.535	ng/ul#	85
30) Naphthalene	10.816	128	606287	20.555	ng/ul	97
32) 4-Chloroaniline	10.916	127	288100	21.543	ng/ul	99
33) Hexachlorobutadiene	11.110	225	135633	20.473	ng/ul	98
34) Caprolactam	11.681	113	62760m	20.630	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	230576	20.687	ng/ul#	71
36) 2-Methylnaphthalene	12.422	142	442149	20.518	ng/ul	90

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37) 1-Methylnaphthalene	12.640	142	445751	20.487	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.787	216	263938	20.642	ng/ul#	94
40) Hexachlorocyclopentadiene	12.775	237	173868	19.595	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	169876	20.803	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.093	196	187373	21.233	ng/ul#	84
43) 1,1'-Biphenyl	13.428	154	623841	20.458	ng/ul	94
44) 2-Chloronaphthalene	13.469	162	481631	20.547	ng/ul	93
45) 2-Nitroaniline	13.663	65	156087	22.722	ng/ul#	81
47) Dimethylphthalate	14.046	163	635910	20.126	ng/ul#	92
48) 2,6-Dinitrotoluene	14.157	165	127558	21.948	ng/ul	92
50) Acenaphthylene	14.310	152	783185	20.405	ng/ul	96
51) 3-Nitroaniline	14.481	138	88061	14.575	ng/ul#	86
52) Acenaphthene	14.651	153	504813	20.088	ng/ul	97
53) 2,4-Dinitrophenol	14.687	184	62258	17.722	ng/ul#	83
55) 4-Nitrophenol	14.787	109	105363	19.225	ng/ul#	48
56) Dibenzofuran	14.987	168	751711	20.324	ng/ul	97
57) 2,4-Dinitrotoluene	14.940	165	190022	22.266	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.210	232	165685	20.592	ng/ul#	87
59) Diethylphthalate	15.410	149	648476	19.831	ng/ul	94
61) Fluorene	15.640	166	614552	20.173	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.634	204	326784	20.173	ng/ul	97
63) 4-Nitroaniline	15.645	138	79448m	13.128	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	108322	19.552	ng/ul#	89
67) N-Nitrosodiphenylamine	15.840	169	536230	19.910	ng/ul	94
68) 4-Bromophenyl-phenylether	16.528	248	200987	19.735	ng/ul	97
69) Hexachlorobenzene	16.645	284	235297	20.092	ng/ul#	89
70) Atrazine	16.798	200	212784	19.140	ng/ul#	90
71) Pentachlorophenol	16.987	266	148890	18.783	ng/ul#	83
72) Phenanthrene	17.381	178	1014545	20.201	ng/ul	98
74) Anthracene	17.475	178	1030254	20.234	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	275413	20.247	ng/ul#	85
76) Pentachlorobenzene	14.910	250	270626	20.411	ng/ul	90
77) Carbazole	17.740	167	920085	19.995	ng/ul#	96
78) Di-n-butylphthalate	18.292	149	1129380	19.959	ng/ul#	93
80) Fluoranthene	19.345	202	1259873	19.907	ng/ul#	95
82) Pyrene	19.698	202	1291532	20.128	ng/ul#	92
83) Butylbenzylphthalate	20.563	149	527961	20.057	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.333	252	373716	17.420	ng/ul#	97
85) Benzo(a)anthracene	21.404	228	1313142	20.575	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.333	149	781819	19.746	ng/ul#	82
87) Chrysene	21.457	228	1263002	20.511	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1344597	19.680	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1320515	20.382	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1225607	20.731	ng/ul#	98
93) Benzo(a)pyrene	23.774	252	1235627	20.575	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.463	276	1279791	20.379	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.480	278	1104146	20.276	ng/ul#	95
96) Benzo(g,h,i)perylene	27.251	276	1050829	20.293	ng/ul	93

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

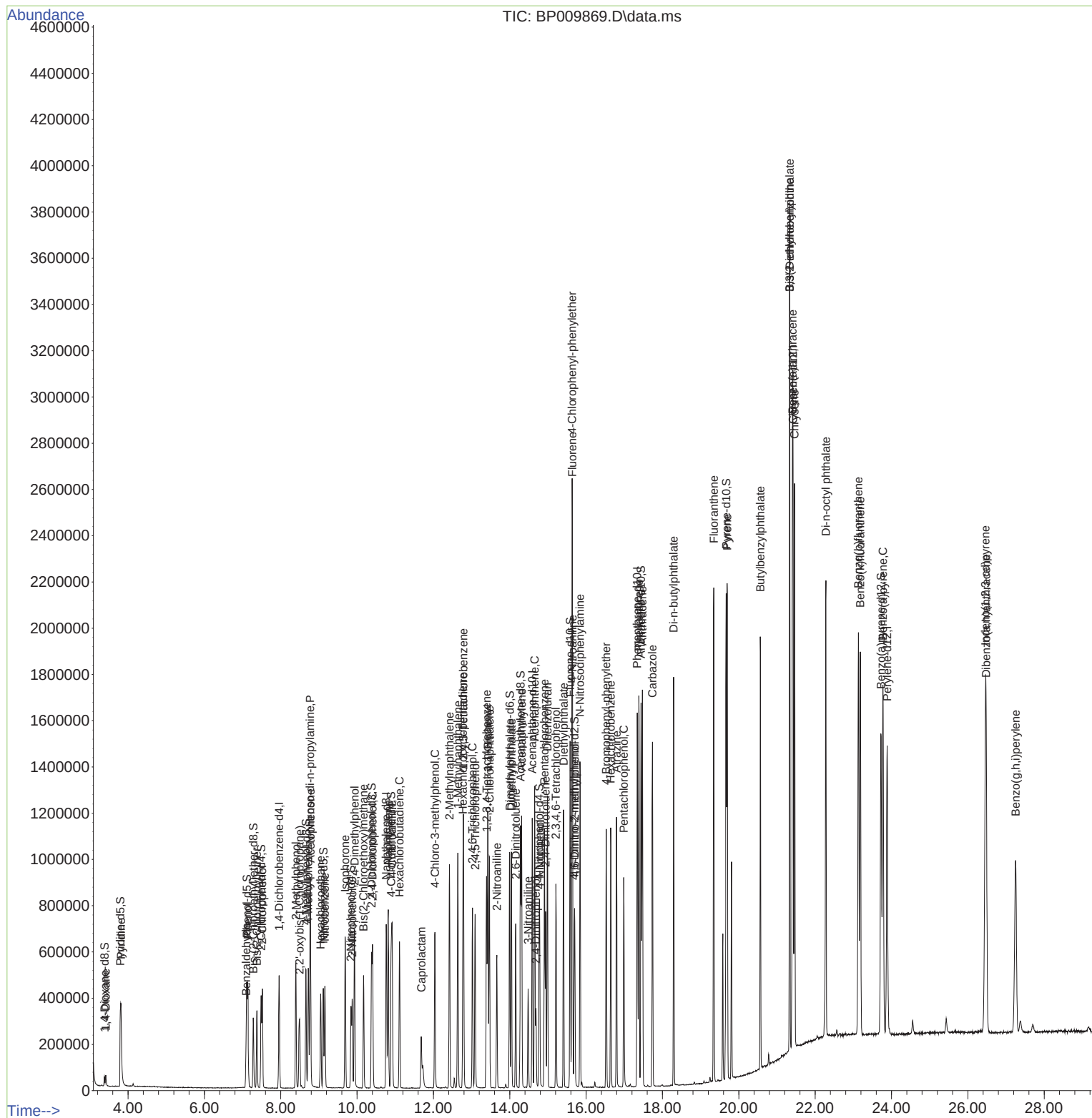
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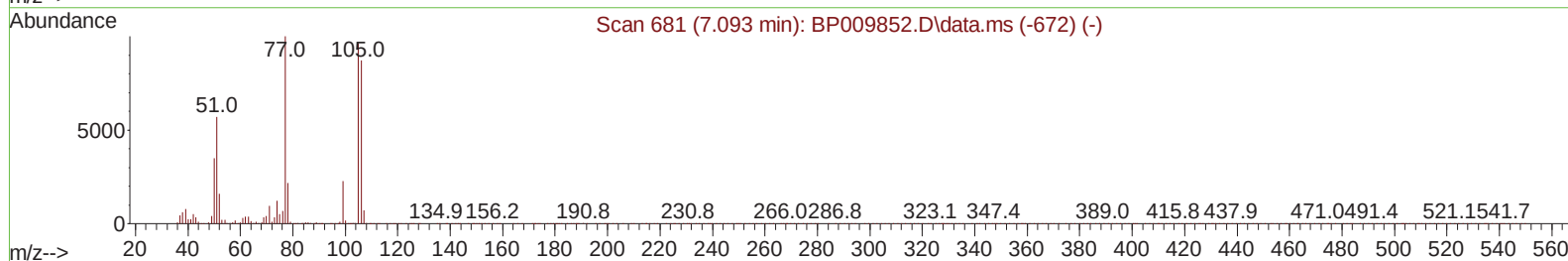
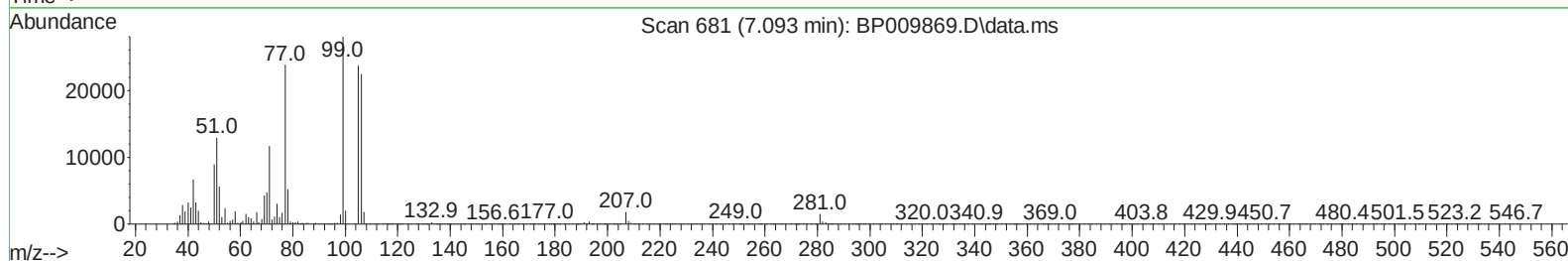
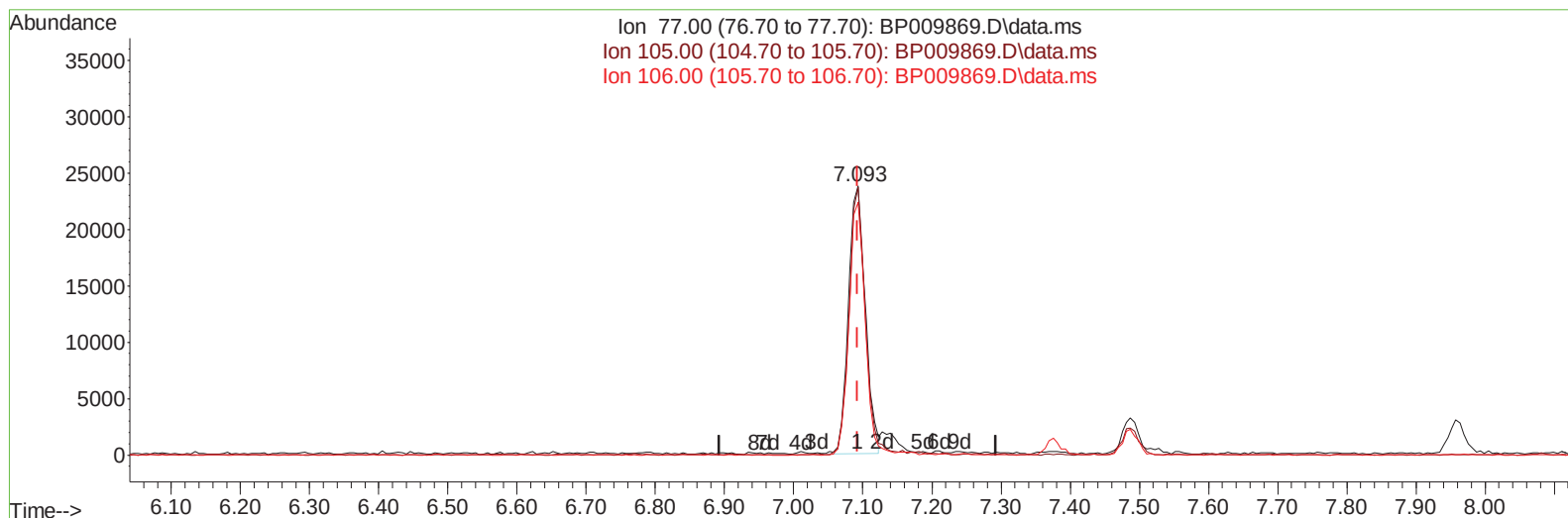
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(6) Benzaldehyde

7.093min (+ 0.000) 5.91 ng/uL

response 40181

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.20	99.53
106.00	96.20	94.03
0.00	0.00	0.00

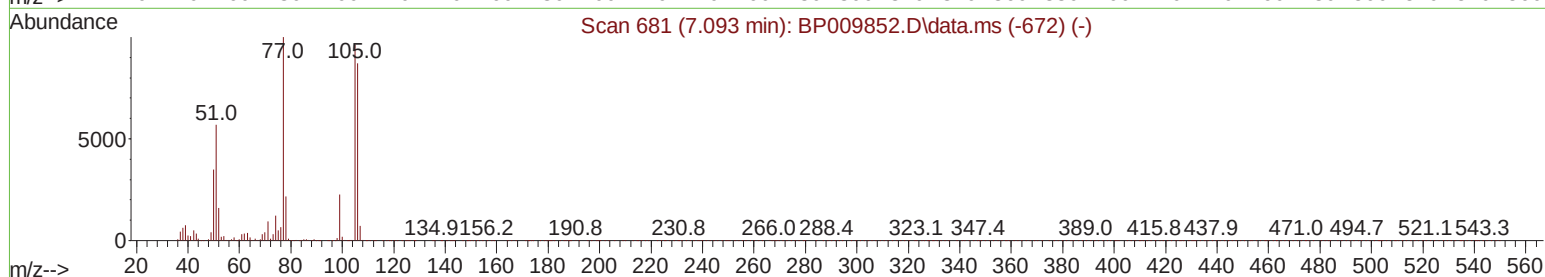
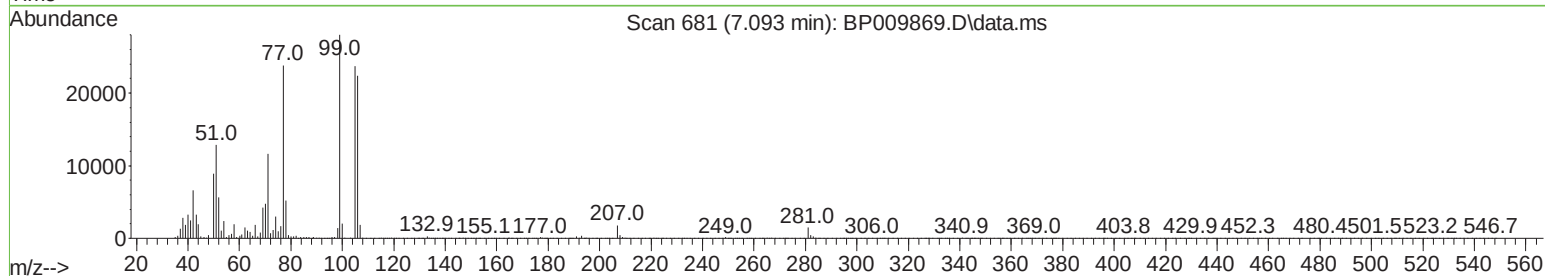
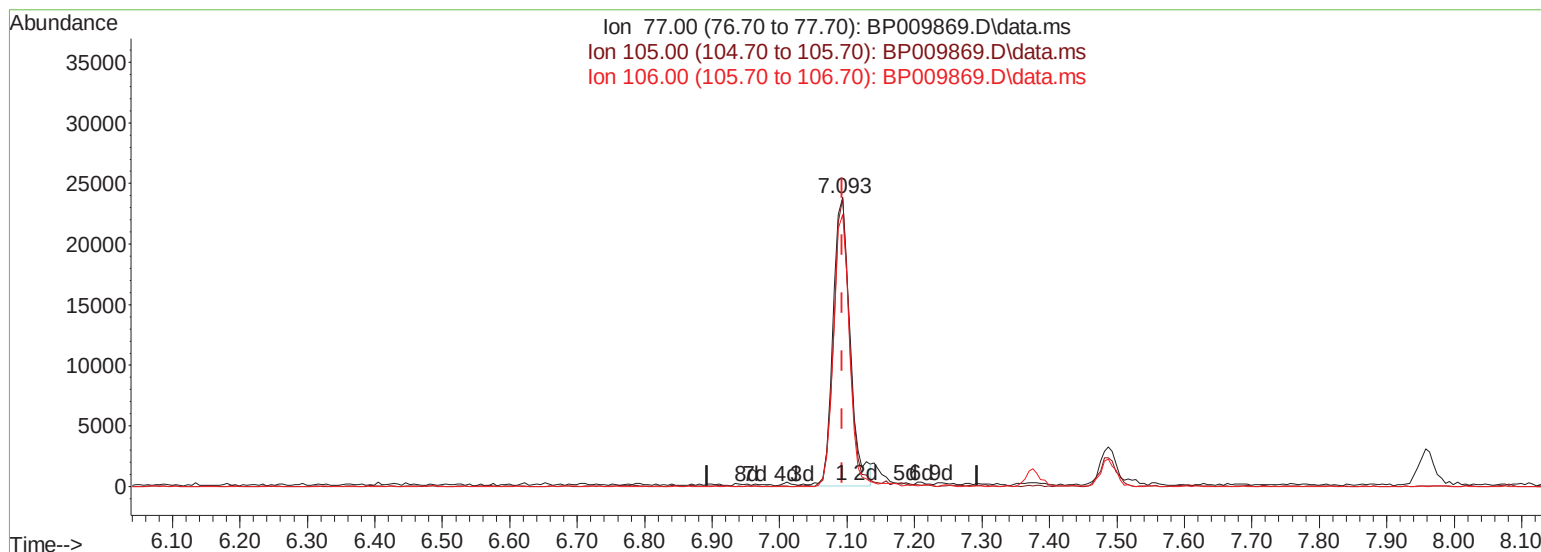
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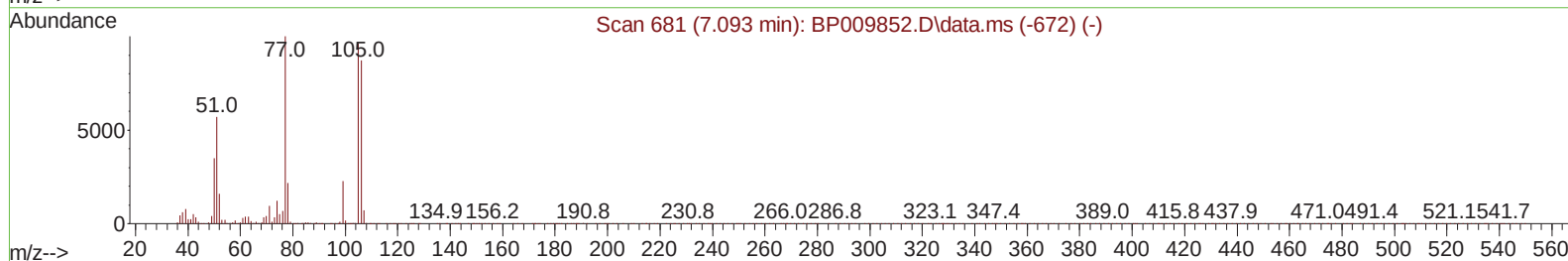
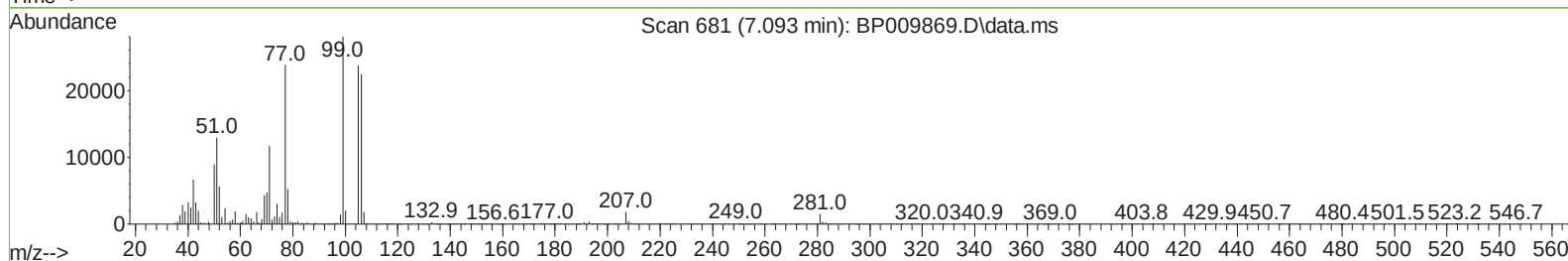
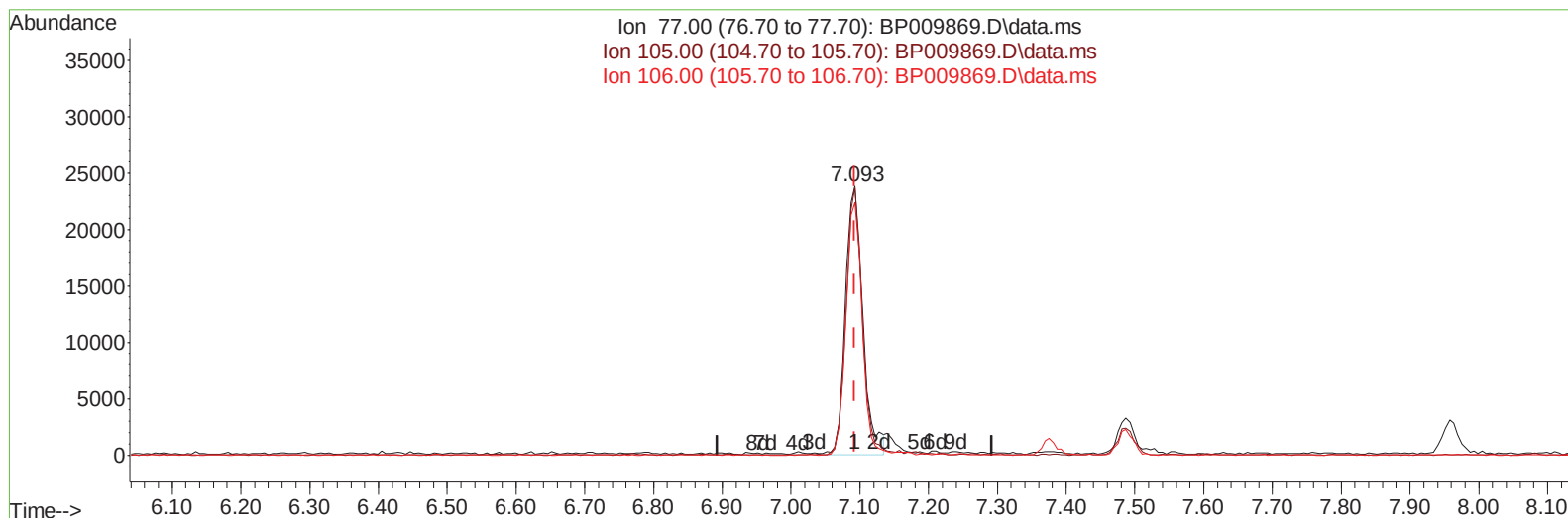
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(6) Benzaldehyde

7.093min (+ 0.000) 6.16 ng/ul m

response 41831

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.20	99.53
106.00	96.20	94.03
0.00	0.00	0.00

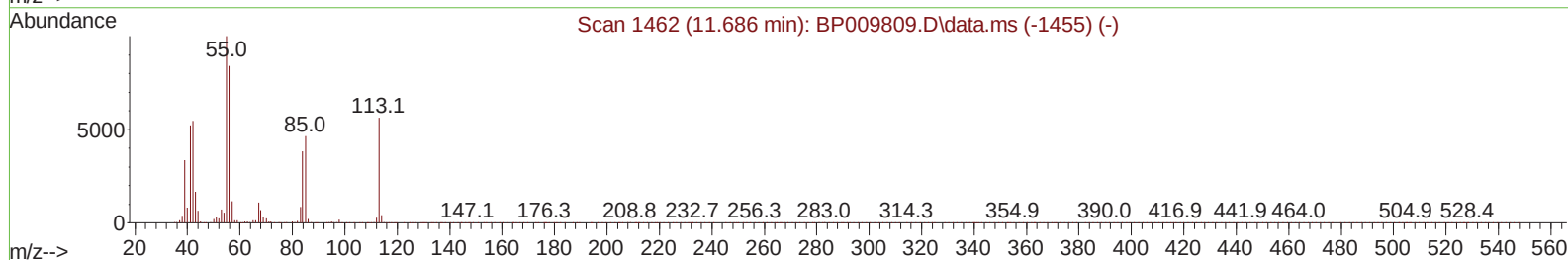
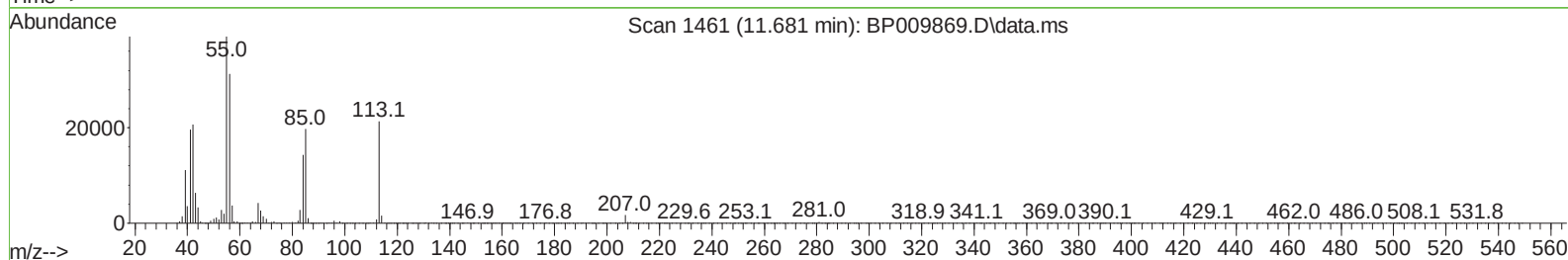
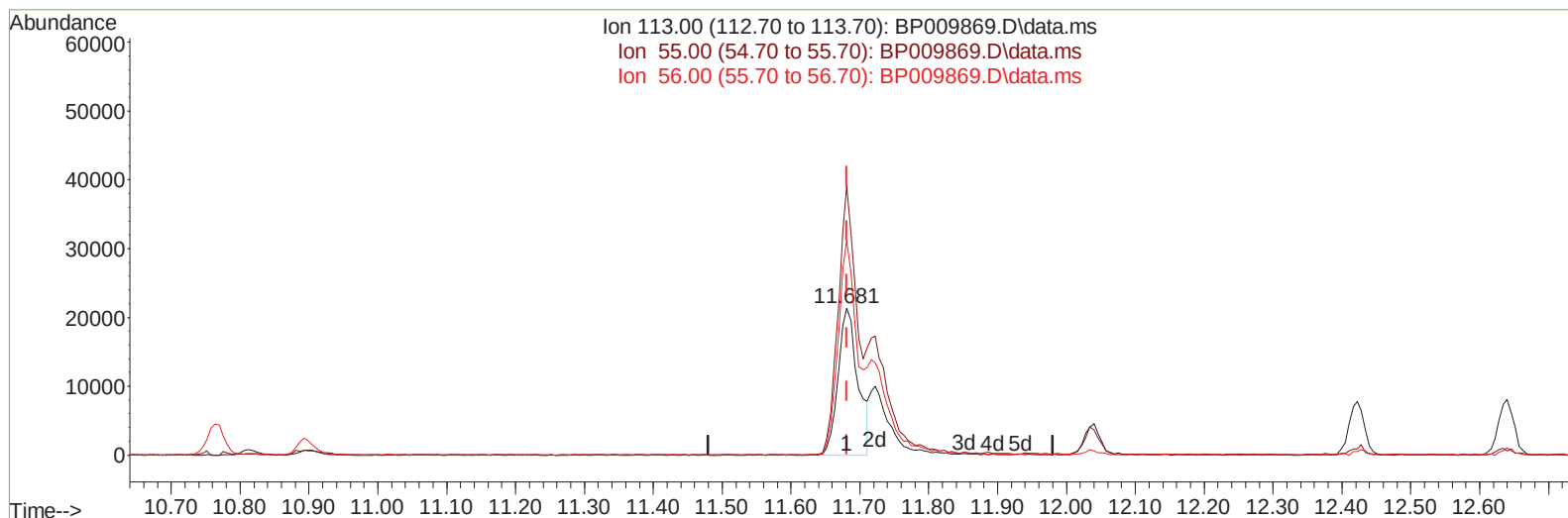
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(34) Caprolactam

11.681min (+ 0.000) 14.08 ng/ul

response 42837

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	183.06#
56.00	85.80	146.31#
0.00	0.00	0.00

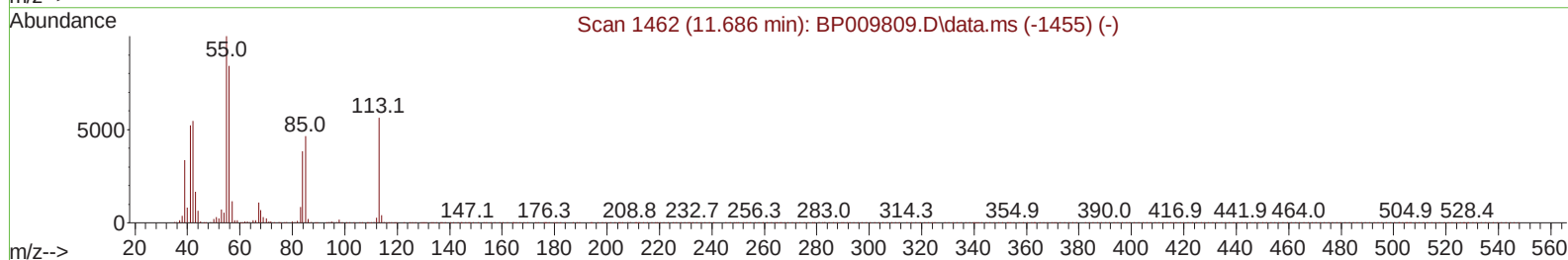
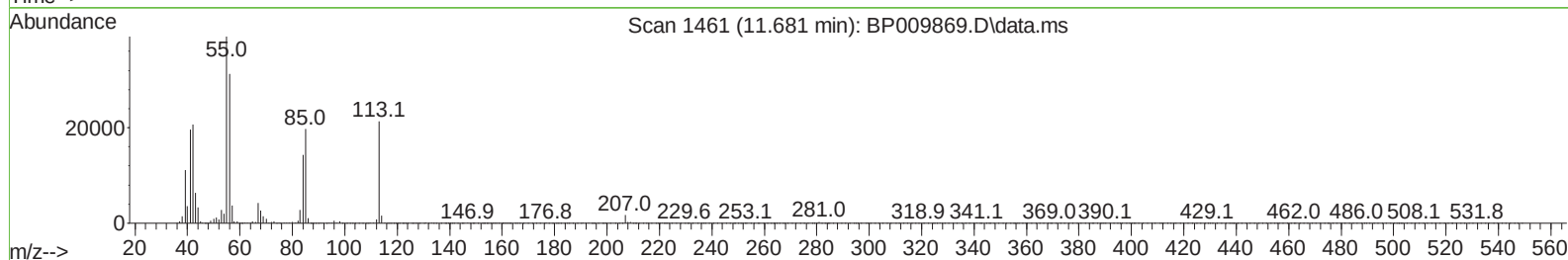
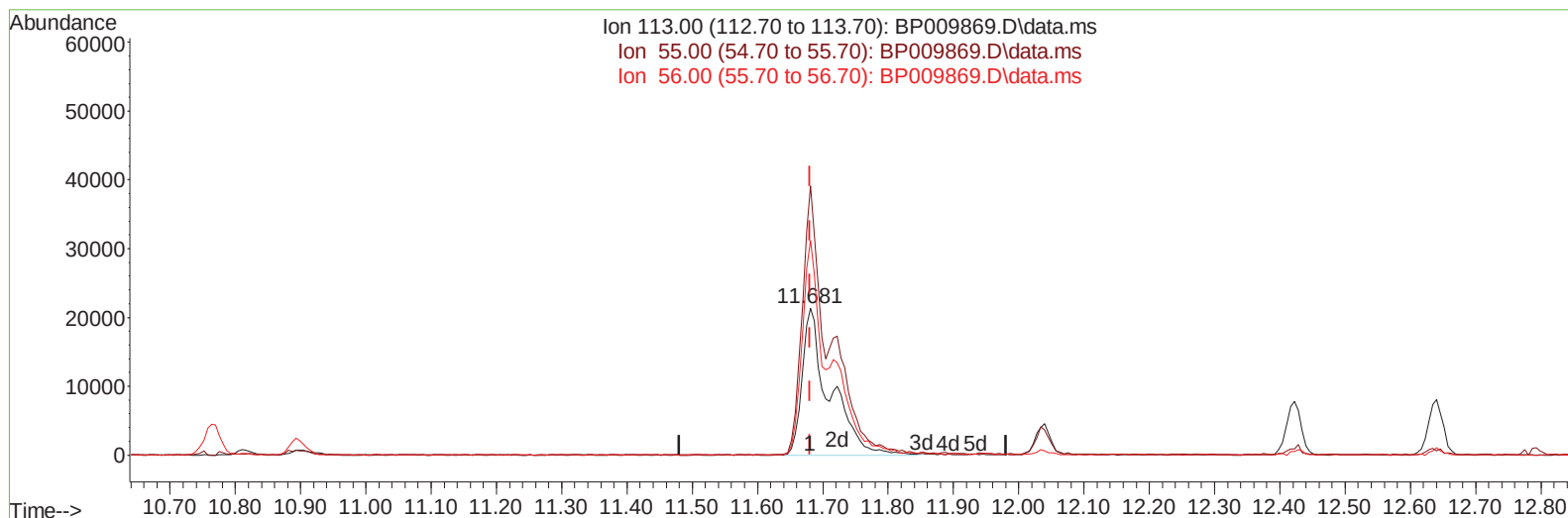
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(34) Caprolactam

11.681min (+ 0.000) 20.63 ng/ul m

response 62760

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	183.06#
56.00	85.80	146.31#
0.00	0.00	0.00

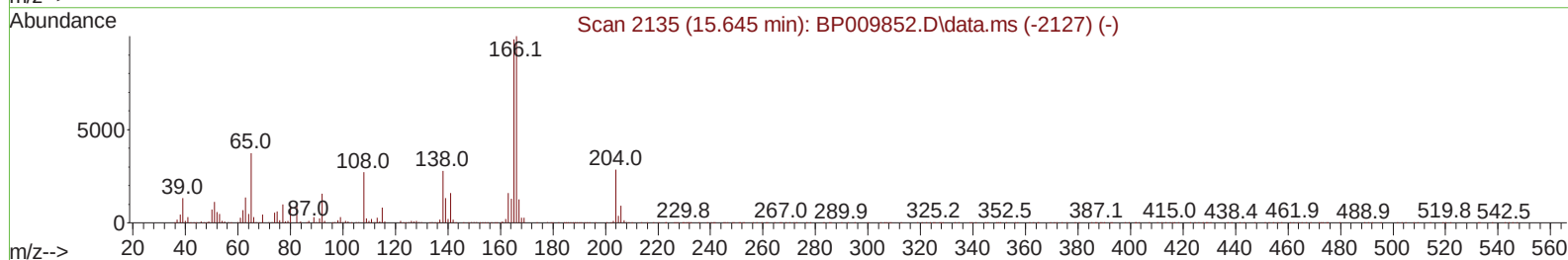
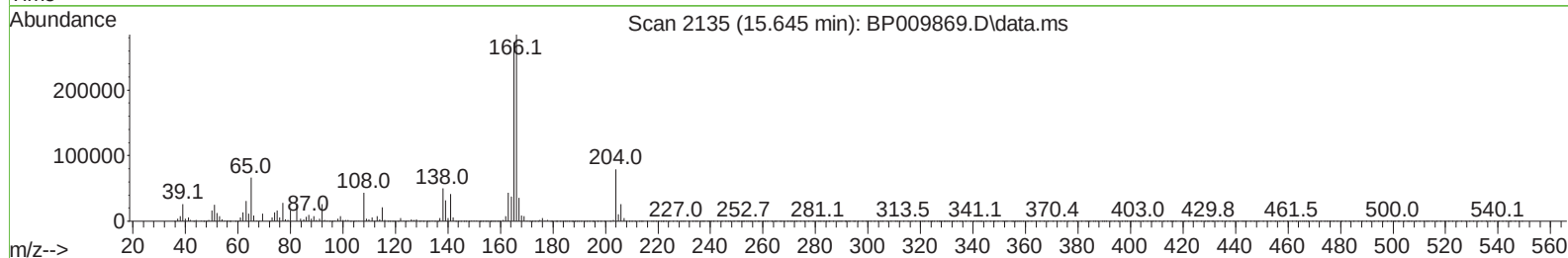
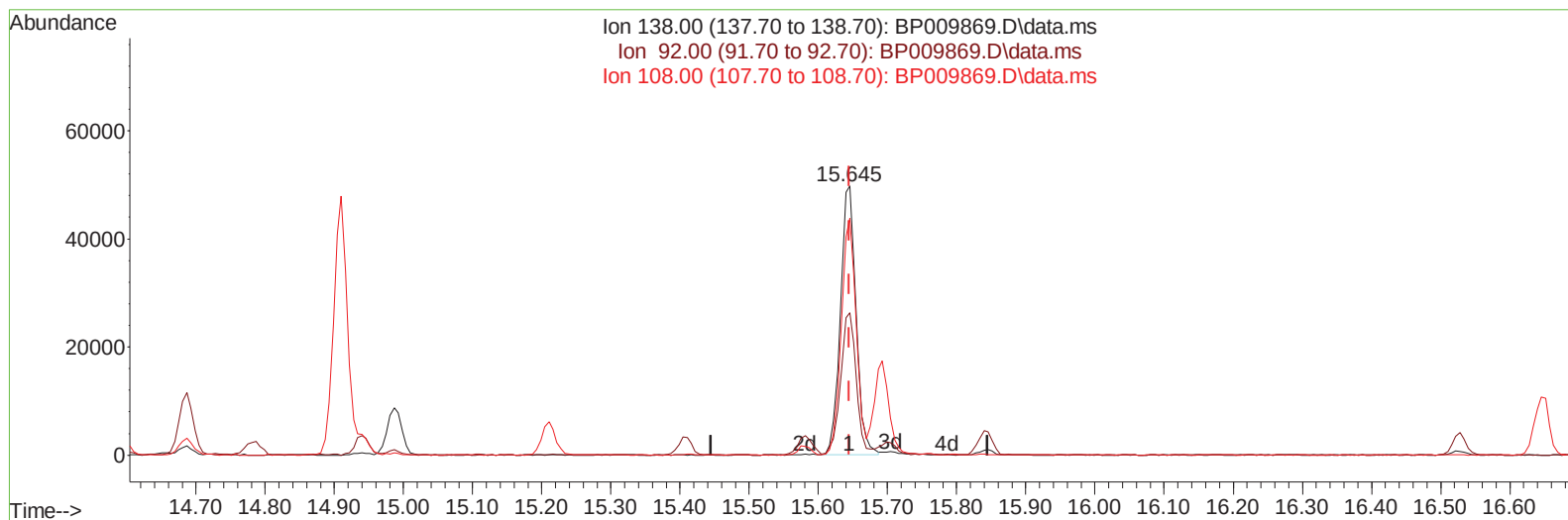
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(63) 4-Nitroaniline

15.645min (+ 0.000) 12.95 ng/ul

response 78350

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	53.03
108.00	122.00	88.12#
0.00	0.00	0.00

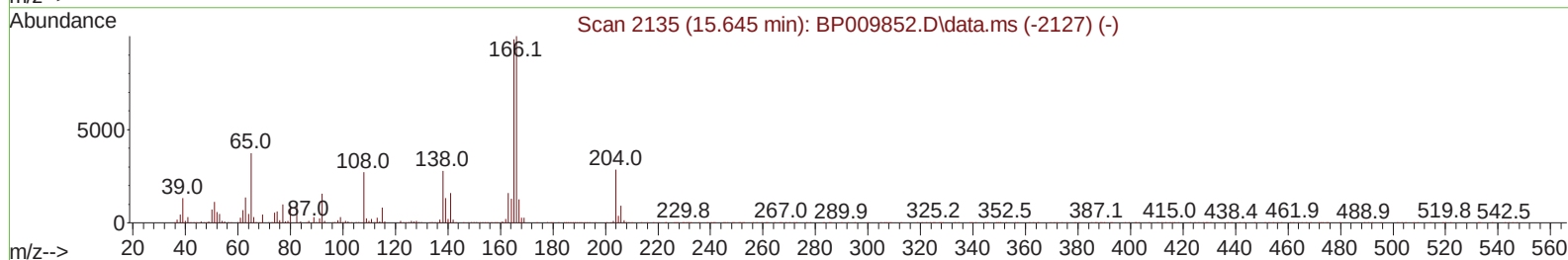
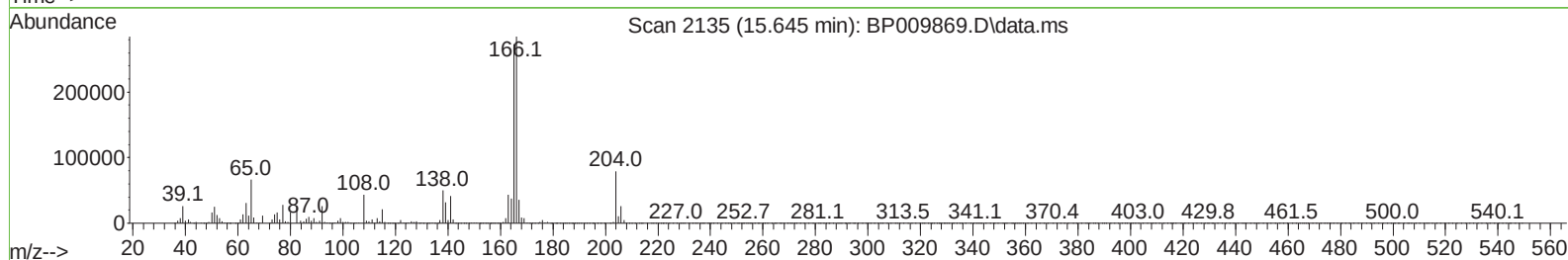
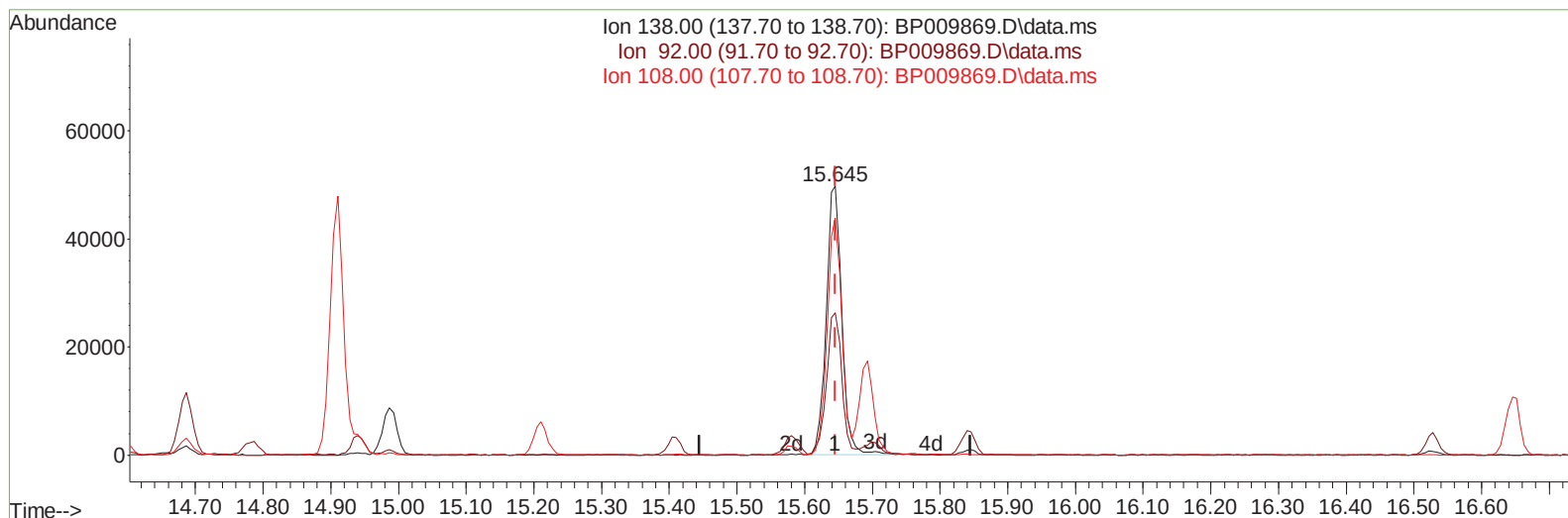
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(63) 4-Nitroaniline

15.645min (+ 0.000) 13.13 ng/ul m

response 79448

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	53.03
108.00	122.00	88.12#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020754

Quant Time: Apr 18 01:03:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 00:59:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	126172	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	573522	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	417932	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.340	188	940867	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.422	240	1006739	20.000	ng/ul	# 0.00
88) Perylene-d12	23.886	264	975152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	21970	7.771	ng/uL	0.00
4) Pyridine-d5	3.799	84	151274	19.407	ng/ul	0.00
7) Phenol-d5	7.111	99	219676	19.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	136972	20.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	168386	20.152	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	185757	20.088	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	91356	22.089	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	99815	22.013	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	192360	20.273	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	289398	21.415	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	656842	20.008	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	788089	20.263	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	115294	19.365	ng/ul	0.00
60) Fluorene-d10	15.581	176	563843	20.416	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	106045	19.026	ng/ul	0.00
73) Anthracene-d10	17.439	188	904507	20.079	ng/ul	0.00
81) Pyrene-d10	19.669	212	1123126	20.427	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.722	264	1040066	20.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	21613	7.499	ng/uL#	15
5) Pyridine	3.817	79	158726	19.517	ng/ul#	45
6) Benzaldehyde	7.093	77	41831m	6.158	ng/ul	
8) Phenol	7.140	94	220469	19.884	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.375	93	175016	20.264	ng/ul#	75
12) 2-Chlorophenol	7.516	128	171455	20.353	ng/ul	94
13) 2-Methylphenol	8.399	108	171630	19.850	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	263033	20.603	ng/ul#	85
16) Acetophenone	8.781	105	301869	20.720	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.769	70	154617	20.470	ng/ul#	72
18) 4-Methylphenol	8.722	108	190034	20.296	ng/ul	93
19) Hexachloroethane	9.046	117	71992	20.242	ng/ul	83
22) Nitrobenzene	9.158	77	230953	21.756	ng/ul#	85
23) Isophorone	9.687	82	437647	20.007	ng/ul	98
25) 2-Nitrophenol	9.875	139	105963	21.911	ng/ul#	87
26) 2,4-Dimethylphenol	9.934	107	229654	20.011	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.169	93	261145	20.334	ng/ul#	97
29) 2,4-Dichlorophenol	10.405	162	188897	20.535	ng/ul#	85
30) Naphthalene	10.816	128	606287	20.555	ng/ul	97
32) 4-Chloroaniline	10.916	127	288100	21.543	ng/ul	99
33) Hexachlorobutadiene	11.110	225	135633	20.473	ng/ul	98
34) Caprolactam	11.681	113	62760m	20.630	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	230576	20.687	ng/ul#	71

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
 Data File : BP009869.D
 Acq On : 15 Apr 2022 19:33
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	442149	20.518	ng/ul	90
37) 1-Methylnaphthalene	12.640	142	445751	20.487	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.787	216	263938	20.642	ng/ul#	94
40) Hexachlorocyclopentadiene	12.775	237	173868	19.595	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	169876	20.803	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.093	196	187373	21.233	ng/ul#	84
43) 1,1'-Biphenyl	13.428	154	623841	20.458	ng/ul	94
44) 2-Chloronaphthalene	13.469	162	481631	20.547	ng/ul	93
45) 2-Nitroaniline	13.663	65	156087	22.722	ng/ul#	81
47) Dimethylphthalate	14.046	163	635910	20.126	ng/ul#	92
48) 2,6-Dinitrotoluene	14.157	165	127558	21.948	ng/ul	92
50) Acenaphthylene	14.310	152	783185	20.405	ng/ul	96
51) 3-Nitroaniline	14.481	138	88061	14.575	ng/ul#	86
52) Acenaphthene	14.651	153	504813	20.088	ng/ul	97
53) 2,4-Dinitrophenol	14.687	184	62258	17.722	ng/ul#	83
55) 4-Nitrophenol	14.787	109	105363	19.225	ng/ul#	48
56) Dibenzofuran	14.987	168	751711	20.324	ng/ul	97
57) 2,4-Dinitrotoluene	14.940	165	190022	22.266	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.210	232	165685	20.592	ng/ul#	87
59) Diethylphthalate	15.410	149	648476	19.831	ng/ul	94
61) Fluorene	15.640	166	614552	20.173	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.634	204	326784	20.173	ng/ul	97
63) 4-Nitroaniline	15.645	138	79448m	13.128	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	108322	19.552	ng/ul#	89
67) N-Nitrosodiphenylamine	15.840	169	536230	19.910	ng/ul	94
68) 4-Bromophenyl-phenylether	16.528	248	200987	19.735	ng/ul	97
69) Hexachlorobenzene	16.645	284	235297	20.092	ng/ul#	89
70) Atrazine	16.798	200	212784	19.140	ng/ul#	90
71) Pentachlorophenol	16.987	266	148890	18.783	ng/ul#	83
72) Phenanthrene	17.381	178	1014545	20.201	ng/ul	98
74) Anthracene	17.475	178	1030254	20.234	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	275413	20.247	ng/ul#	85
76) Pentachlorobenzene	14.910	250	270626	20.411	ng/uL	90
77) Carbazole	17.740	167	920085	19.995	ng/ul#	96
78) Di-n-butylphthalate	18.292	149	1129380	19.959	ng/ul#	93
80) Fluoranthene	19.345	202	1259873	19.907	ng/ul#	95
82) Pyrene	19.698	202	1291532	20.128	ng/ul#	92
83) Butylbenzylphthalate	20.563	149	527961	20.057	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.333	252	373716	17.420	ng/ul#	97
85) Benzo(a)anthracene	21.404	228	1313142	20.575	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.333	149	781819	19.746	ng/ul#	82
87) Chrysene	21.457	228	1263002	20.511	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1344597	19.680	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1320515	20.382	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1225607	20.731	ng/ul#	98
93) Benzo(a)pyrene	23.774	252	1235627	20.575	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.463	276	1279791	20.379	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.480	278	1104146	20.276	ng/ul#	95
96) Benzo(g,h,i)perylene	27.251	276	1050829	20.293	ng/ul	93

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

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