

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014039.D
 Acq On : 10 Mar 2023 20:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020774

Quant Time: Mar 10 22:48:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 22:47:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	132412	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	574768	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	383540	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	909691	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	990119	20.000	ng/u1	0.00
88) Perylene-d12	24.086	264	1041607	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	27518	7.852	ng/uL	0.00
4) Pyridine-d5	3.863	84	206523	21.284	ng/u1	0.00
7) Phenol-d5	7.228	99	250318	21.422	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	151499	22.231	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	189757	21.315	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	203307	21.300	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	93450	20.377	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	109883	20.016	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	208624	20.197	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	276408	20.221	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	652921	20.059	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	720636	20.899	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	113547	19.795	ng/u1	0.00
60) Fluorene-d10	15.704	176	554420	20.098	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	128829	18.737	ng/u1	0.00
73) Anthracene-d10	17.569	188	909870	20.603	ng/u1	0.00
81) Pyrene-d10	19.786	212	1148041	21.023	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.915	264	1143645	20.641	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	30833	8.150	ng/uL	91
5) Pyridine	3.887	79	206688	21.004	ng/u1	95
6) Benzaldehyde	7.210	77	145361m	25.001	ng/u1	
8) Phenol	7.252	94	260926	21.653	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.493	93	200817	21.752	ng/u1	99
12) 2-Chlorophenol	7.634	128	192184	21.426	ng/u1	97
13) 2-Methylphenol	8.516	108	194605	21.718	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.604	45	239987	24.071	ng/u1	98
16) Acetophenone	8.910	105	334628	21.702	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.887	70	175685	22.272	ng/u1	97
18) 4-Methylphenol	8.851	108	210110	21.318	ng/u1	97
19) Hexachloroethane	9.163	117	80795	20.567	ng/u1	97
22) Nitrobenzene	9.293	77	258435	21.066	ng/u1	99
23) Isophorone	9.822	82	493681	20.897	ng/u1	99
25) 2-Nitrophenol	10.010	139	117801	20.821	ng/u1	97
26) 2,4-Dimethylphenol	10.063	107	264724	21.376	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.298	93	286839	20.990	ng/u1	100
29) 2,4-Dichlorophenol	10.545	162	207847	20.399	ng/u1	97
30) Naphthalene	10.951	128	647893	20.527	ng/u1	100
32) 4-Chloroaniline	11.063	127	279536	20.322	ng/u1	96
33) Hexachlorobutadiene	11.228	225	154215	19.020	ng/u1	98
34) Caprolactam	11.840	113	65017m	19.652	ng/u1	
35) 4-Chloro-3-methylphenol	12.175	107	244271	20.732	ng/u1	96
36) 2-Methylnaphthalene	12.551	142	449484	20.304	ng/u1	100

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37) 1-Methylnaphthalene	12.769	142	456230	20.504	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.916	216	285702	20.599	ng/ul	100
40) Hexachlorocyclopentadiene	12.892	237	169641	17.081	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	188118	21.591	ng/ul	97
42) 2,4,5-Trichlorophenol	13.222	196	201868	21.112	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	614305	20.804	ng/ul	100
44) 2-Chloronaphthalene	13.592	162	501157	21.369	ng/ul	99
45) 2-Nitroaniline	13.798	65	152746	22.022	ng/ul	94
47) Dimethylphthalate	14.163	163	658676	20.444	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	131334	20.618	ng/ul	95
50) Acenaphthylene	14.439	152	760666	21.021	ng/ul	100
51) 3-Nitroaniline	14.622	138	121223	21.494	ng/ul	95
52) Acenaphthene	14.781	153	525867	20.787	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	78292	16.459	ng/ul	96
55) 4-Nitrophenol	14.922	109	119104	19.223	ng/ul	95
56) Dibenzofuran	15.110	168	752920	20.458	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	194308	20.417	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.339	232	185727	20.303	ng/ul	98
59) Diethylphthalate	15.522	149	651517	19.937	ng/ul	99
61) Fluorene	15.763	166	617599	20.245	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	332928	19.773	ng/ul	99
63) 4-Nitroaniline	15.786	138	125659m	21.675	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.839	198	124443	18.971	ng/ul	97
67) N-Nitrosodiphenylamine	15.969	169	533948	20.782	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	217554	19.782	ng/ul	98
69) Hexachlorobenzene	16.769	284	258281	19.930	ng/ul	97
70) Atrazine	16.916	200	222353	20.066	ng/ul	97
71) Pentachlorophenol	17.116	266	162232	19.152	ng/ul	98
72) Phenanthrene	17.510	178	1030961	20.778	ng/ul	99
74) Anthracene	17.604	178	1055214	20.975	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	285711	20.465	ng/ul	99
76) Pentachlorobenzene	15.033	250	295484	20.375	ng/ul	98
77) Carbazole	17.869	167	939365	21.169	ng/ul	100
78) Di-n-butylphthalate	18.398	149	1122848	20.247	ng/ul	99
80) Fluoranthene	19.463	202	1308164	21.017	ng/ul	98
82) Pyrene	19.816	202	1365329	21.027	ng/ul	98
83) Butylbenzylphthalate	20.668	149	540045	20.627	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.457	252	512667	20.226	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1442744	20.717	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	790479	20.195	ng/ul	99
87) Chrysene	21.586	228	1379243	20.781	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	1378044	20.967	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1456248	20.981	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1445614	21.843	ng/ul	99
93) Benzo(a)pyrene	23.974	252	1248194	20.676	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.751	276	1447689	18.115	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	1210065	18.218	ng/ul	99
96) Benzo(g,h,i)perylene	27.574	276	1124966	17.611	ng/ul	98

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

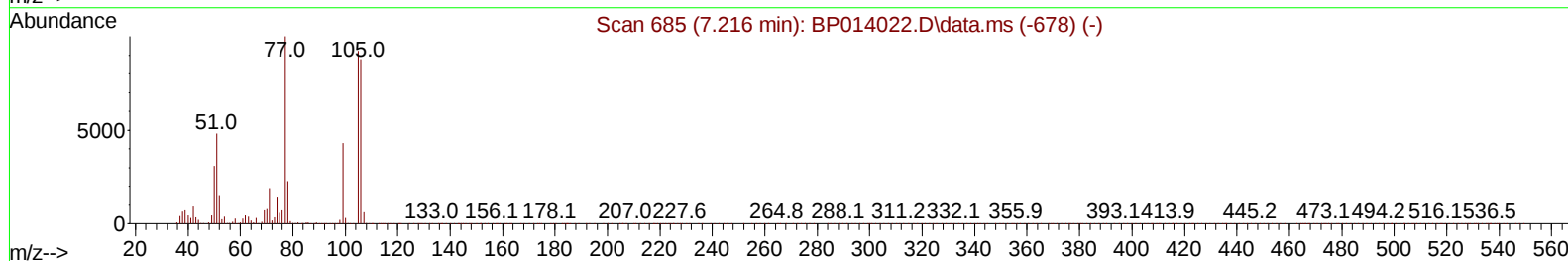
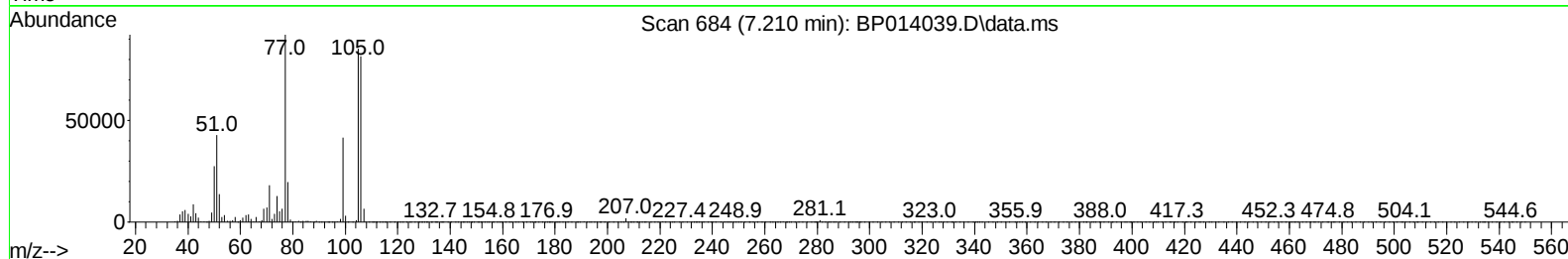
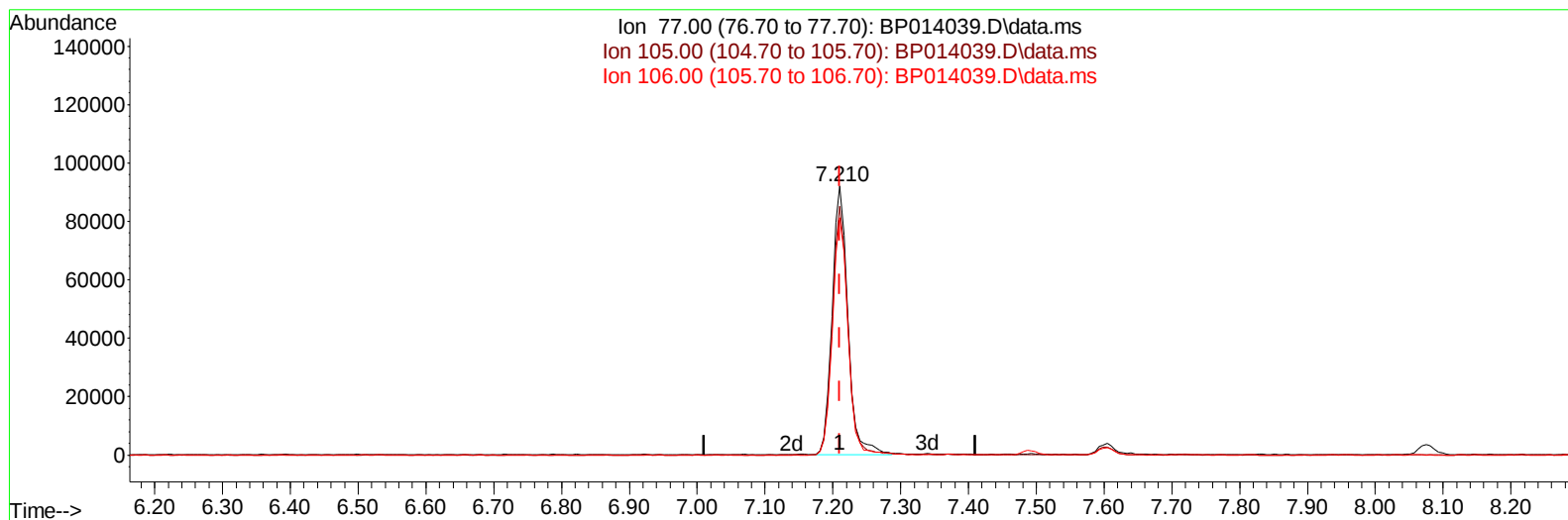
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Instrument :
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(6) Benzaldehyde

7.210min (0.000) 25.51 ng/u1

response 148328

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	92.52
106.00	87.30	88.38
0.00	0.00	0.00

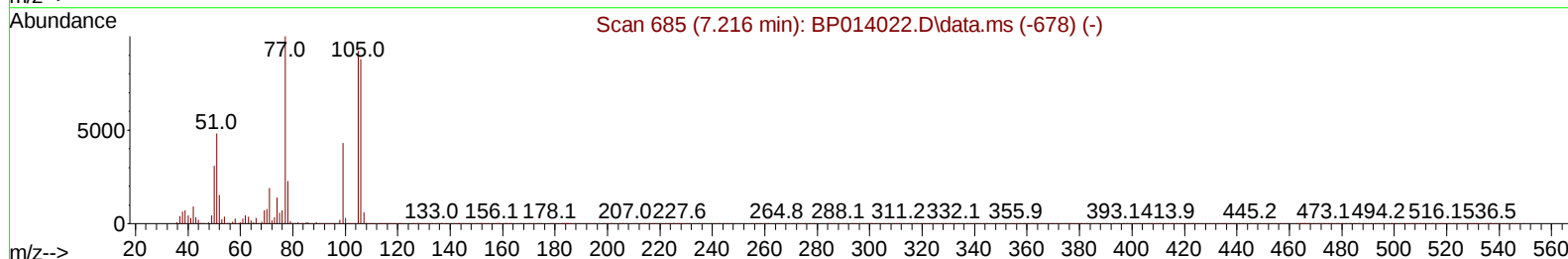
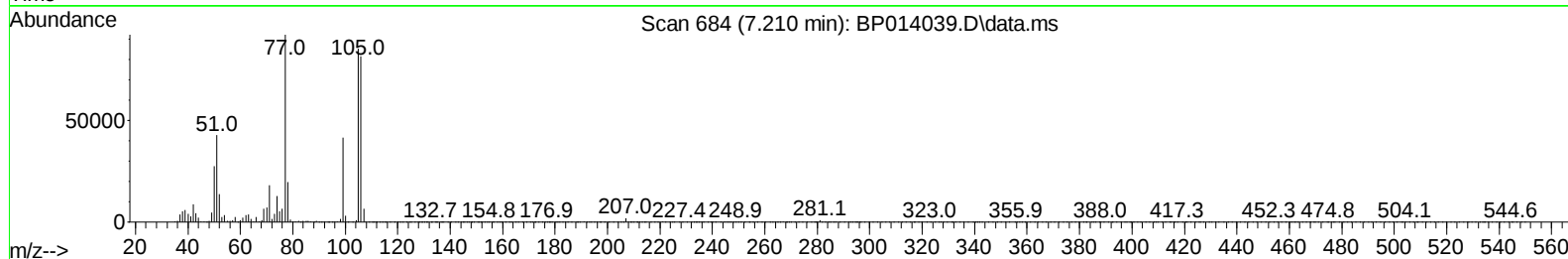
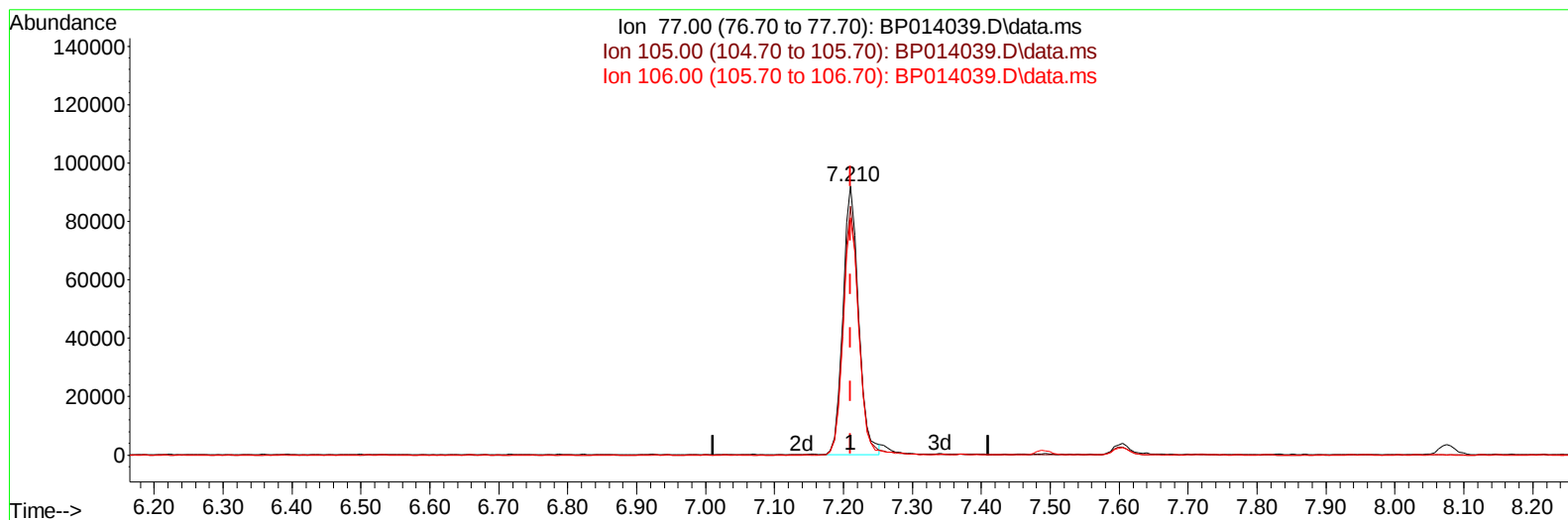
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(6) Benzaldehyde

7.210min (0.000) 25.00 ng/ul m

response 145361

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	92.52
106.00	87.30	88.38
0.00	0.00	0.00

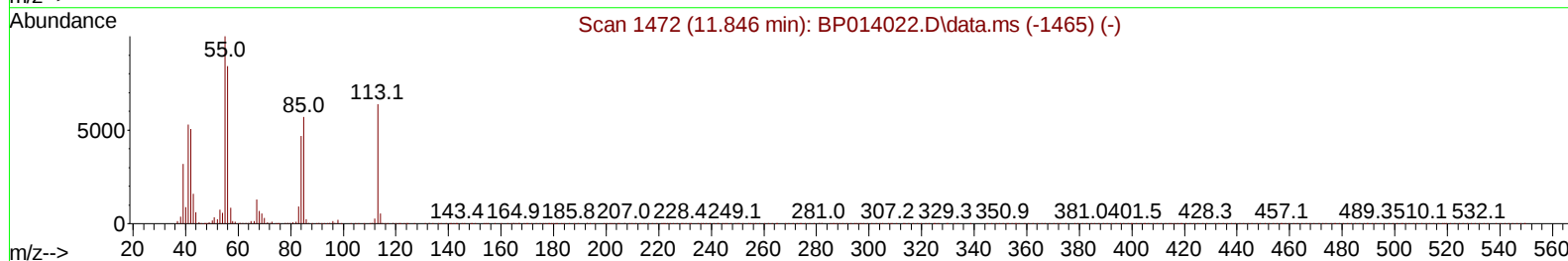
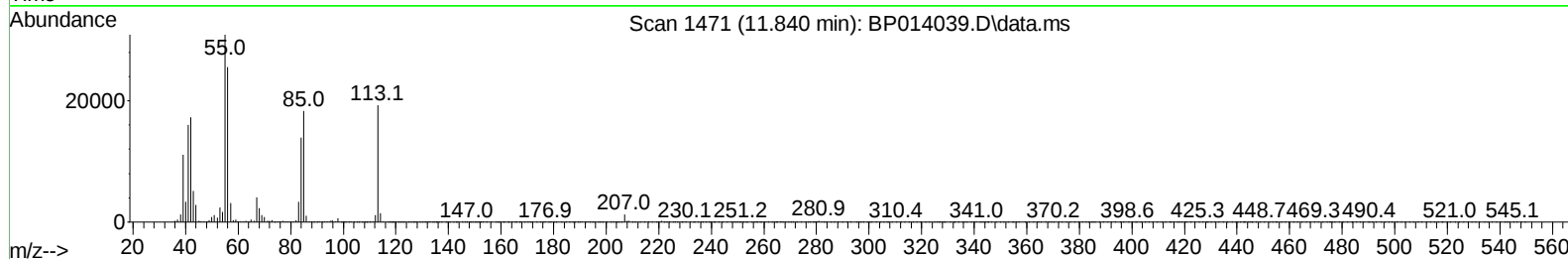
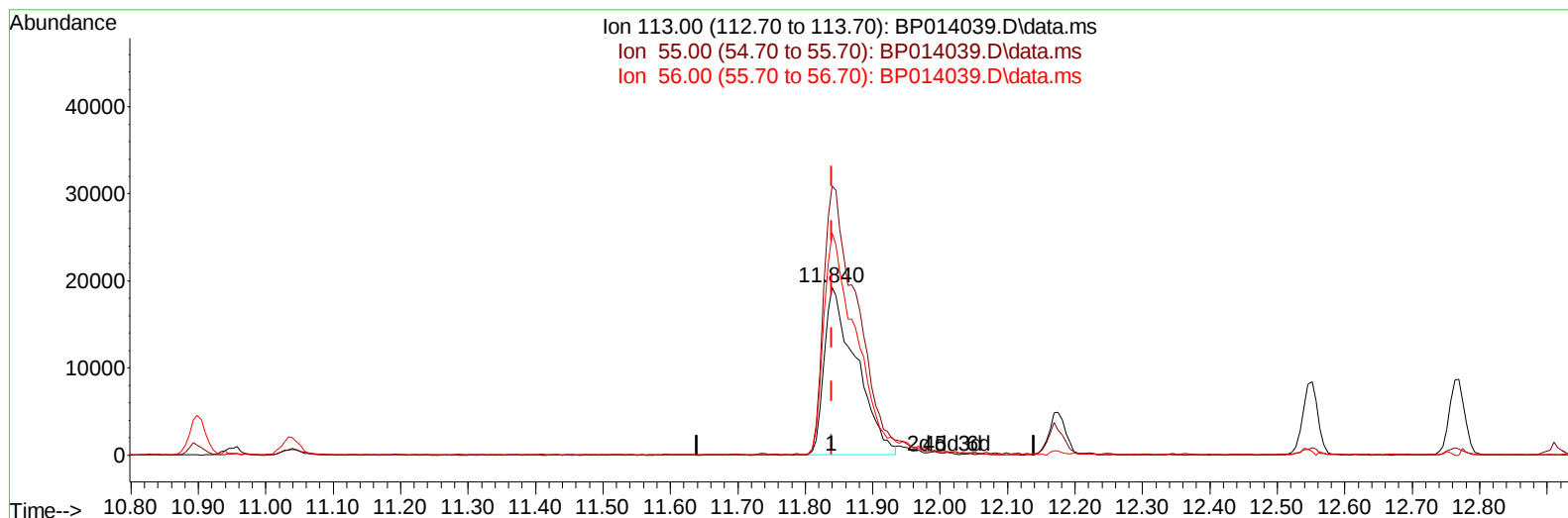
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(34) Caprolactam

11.840min (0.000) 19.13 ng/ul

response 63282

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	160.23
56.00	127.50	132.59
0.00	0.00	0.00

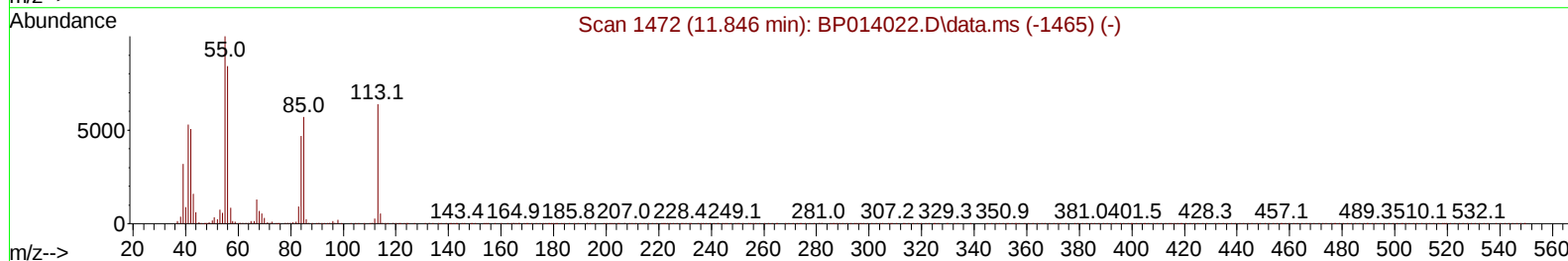
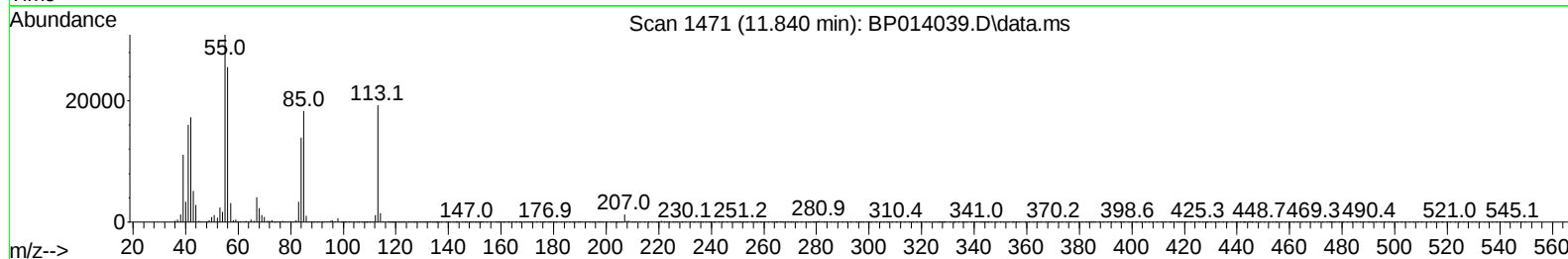
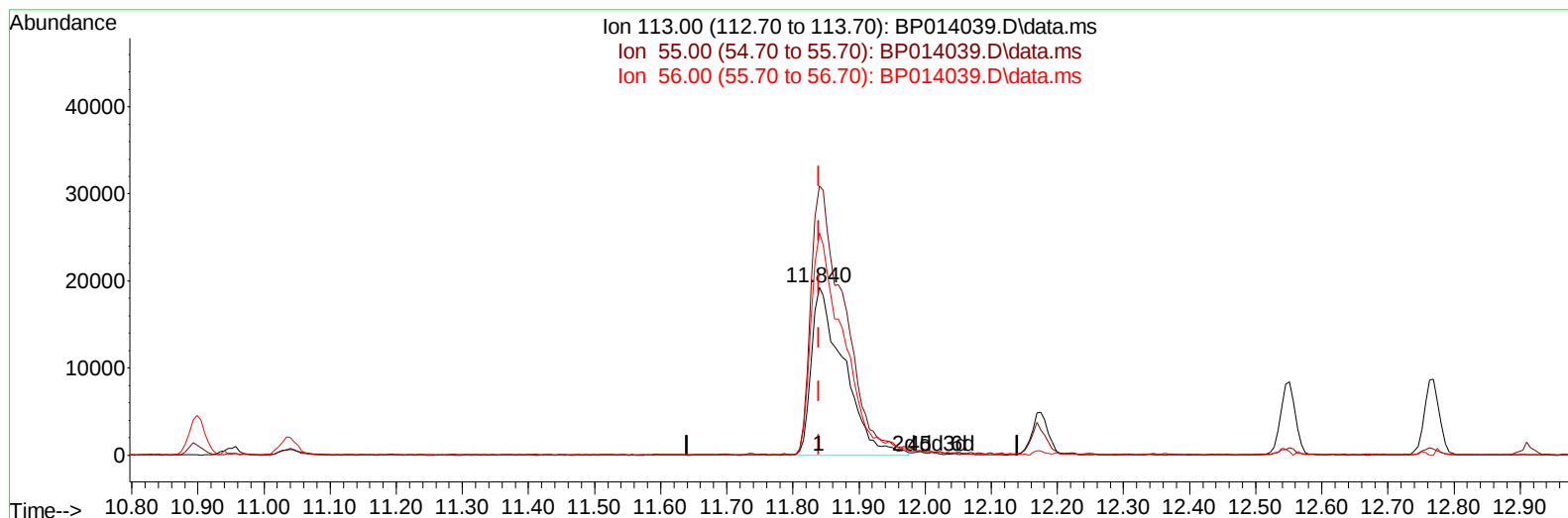
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TIC: BP014039.D\data.ms

(34) Caprolactam

11.840min (0.000) 19.65 ng/ul m

response 65017

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	160.23
56.00	127.50	132.59
0.00	0.00	0.00

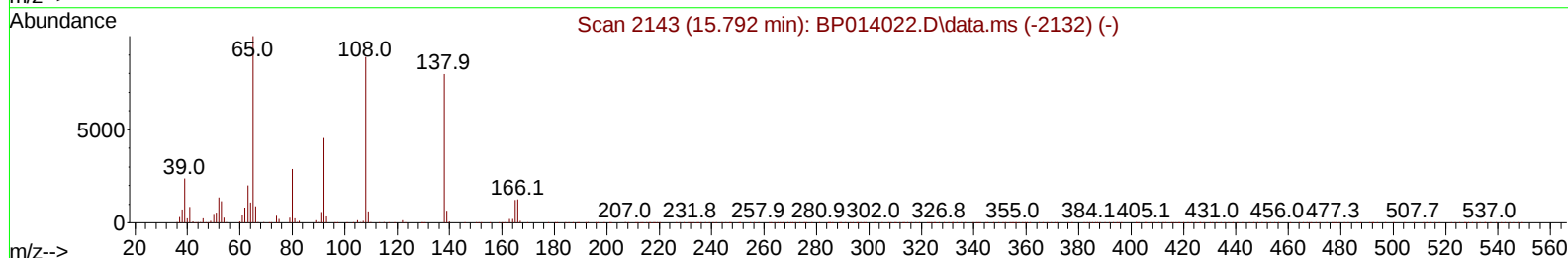
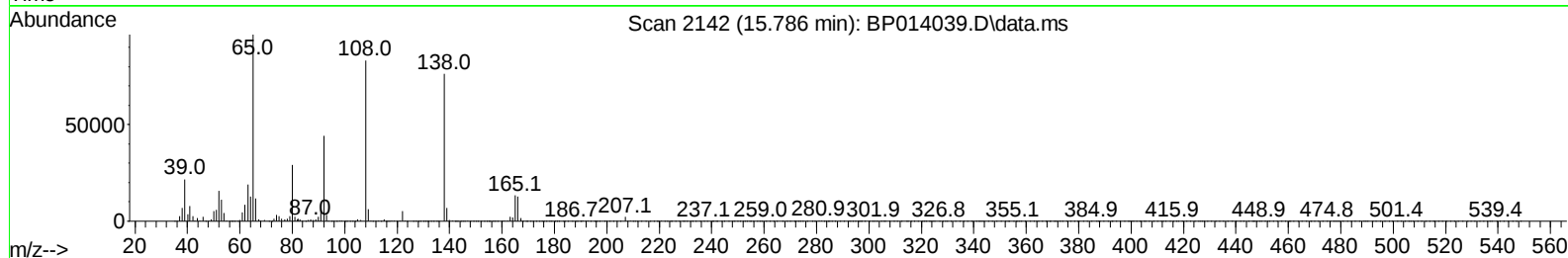
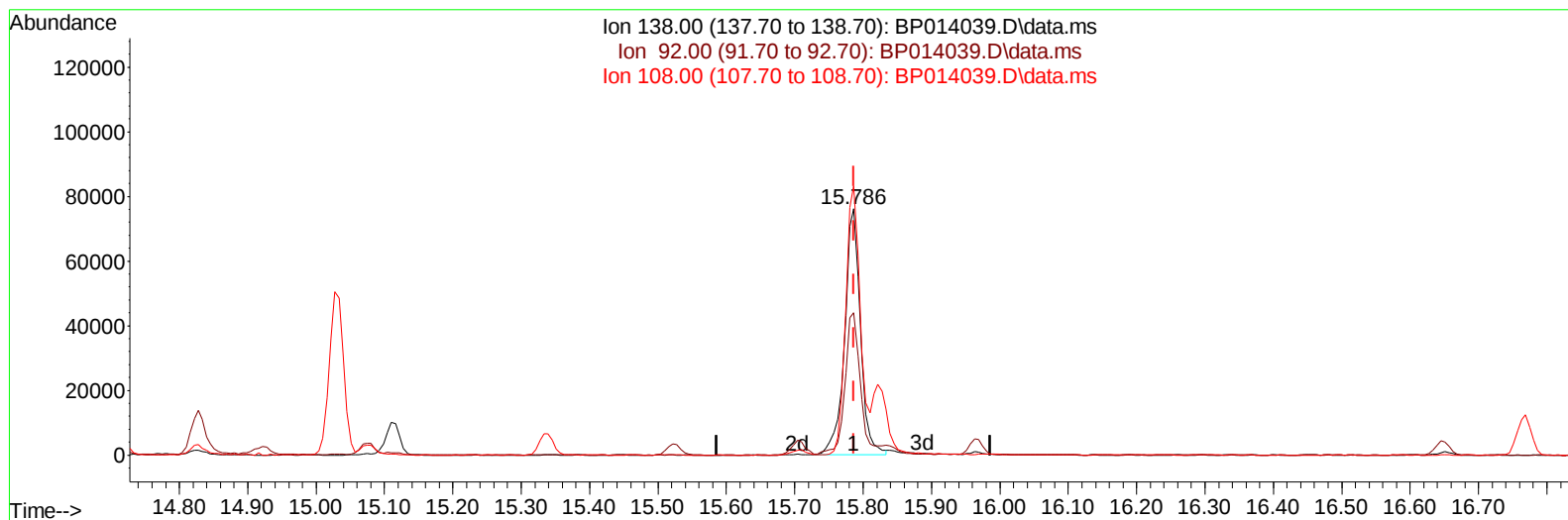
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TIC: BP014039.D\data.ms

(63) 4-Nitroaniline

15.786min (0.000) 21.17 ng/ul

response 122745

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.60	57.96
108.00	109.00	109.25
0.00	0.00	0.00

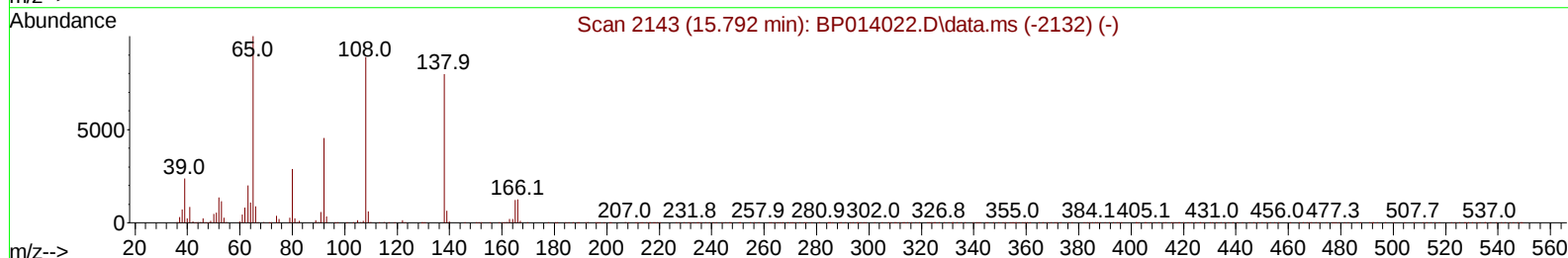
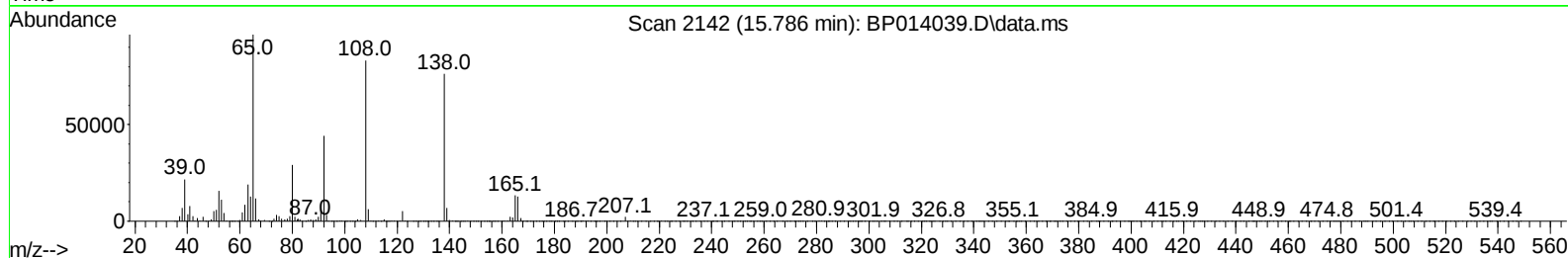
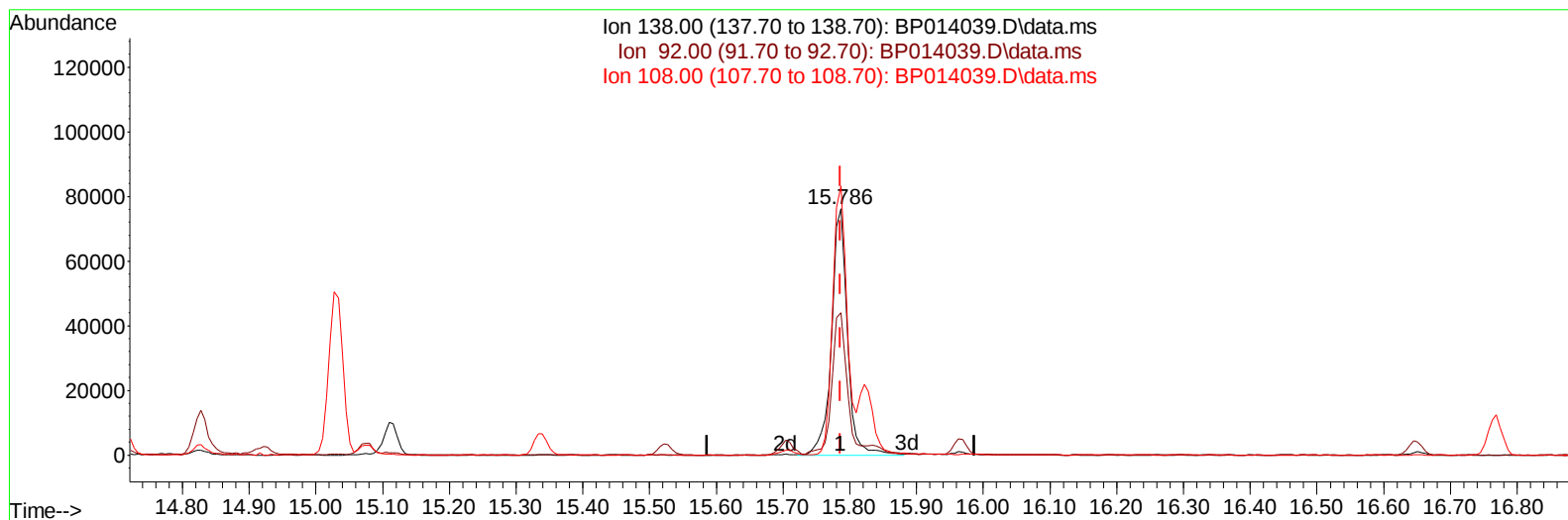
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(63) 4-Nitroaniline

15.786min (0.000) 21.68 ng/ul m

response 125659

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.60	57.96
108.00	109.00	109.25
0.00	0.00	0.00

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4) Pyridine-d5	3.863	84	206523	21.284	ng/ul	0.00
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9) Bis-(2-Chloroethyl)eth...	7.399	67	151499	22.231	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	189757	21.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	203307	21.300	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	93450	20.377	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	109883	20.016	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	208624	20.197	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	276408	20.221	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	652921	20.059	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	720636	20.899	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	113547	19.795	ng/ul	0.00
60) Fluorene-d10	15.704	176	554420	20.098	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	128829	18.737	ng/ul	0.00
73) Anthracene-d10	17.569	188	909870	20.603	ng/ul	0.00
81) Pyrene-d10	19.786	212	1148041	21.023	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	1143645	20.641	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	30833	8.150	ng/uL	91
5) Pyridine	3.887	79	206688	21.004	ng/ul	95
6) Benzaldehyde	7.210	77	145361m	25.001	ng/ul	
8) Phenol	7.252	94	260926	21.653	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.493	93	200817	21.752	ng/ul	99
12) 2-Chlorophenol	7.634	128	192184	21.426	ng/ul	97
13) 2-Methylphenol	8.516	108	194605	21.718	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.604	45	239987	24.071	ng/ul	98
16) Acetophenone	8.910	105	334628	21.702	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.887	70	175685	22.272	ng/ul	97
18) 4-Methylphenol	8.851	108	210110	21.318	ng/ul	97
19) Hexachloroethane	9.163	117	80795	20.567	ng/ul	97
22) Nitrobenzene	9.293	77	258435	21.066	ng/ul	99
23) Isophorone	9.822	82	493681	20.897	ng/ul	99
25) 2-Nitrophenol	10.010	139	117801	20.821	ng/ul	97
26) 2,4-Dimethylphenol	10.063	107	264724	21.376	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.298	93	286839	20.990	ng/ul	100
29) 2,4-Dichlorophenol	10.545	162	207847	20.399	ng/ul	97
30) Naphthalene	10.951	128	647893	20.527	ng/ul	100
32) 4-Chloroaniline	11.063	127	279536	20.322	ng/ul	96
33) Hexachlorobutadiene	11.228	225	154215	19.020	ng/ul	98
34) Caprolactam	11.840	113	65017m	19.652	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	244271	20.732	ng/ul	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014039.D
 Acq On : 10 Mar 2023 20:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020774

Quant Time: Mar 10 22:48:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 22:47:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.551	142	449484	20.304	ng/ul	100
37) 1-Methylnaphthalene	12.769	142	456230	20.504	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.916	216	285702	20.599	ng/ul	100
40) Hexachlorocyclopentadiene	12.892	237	169641	17.081	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	188118	21.591	ng/ul	97
42) 2,4,5-Trichlorophenol	13.222	196	201868	21.112	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	614305	20.804	ng/ul	100
44) 2-Chloronaphthalene	13.592	162	501157	21.369	ng/ul	99
45) 2-Nitroaniline	13.798	65	152746	22.022	ng/ul	94
47) Dimethylphthalate	14.163	163	658676	20.444	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	131334	20.618	ng/ul	95
50) Acenaphthylene	14.439	152	760666	21.021	ng/ul	100
51) 3-Nitroaniline	14.622	138	121223	21.494	ng/ul	95
52) Acenaphthene	14.781	153	525867	20.787	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	78292	16.459	ng/ul	96
55) 4-Nitrophenol	14.922	109	119104	19.223	ng/ul	95
56) Dibenzofuran	15.110	168	752920	20.458	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	194308	20.417	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.339	232	185727	20.303	ng/ul	98
59) Diethylphthalate	15.522	149	651517	19.937	ng/ul	99
61) Fluorene	15.763	166	617599	20.245	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	332928	19.773	ng/ul	99
63) 4-Nitroaniline	15.786	138	125659m	21.675	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.839	198	124443	18.971	ng/ul	97
67) N-Nitrosodiphenylamine	15.969	169	533948	20.782	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	217554	19.782	ng/ul	98
69) Hexachlorobenzene	16.769	284	258281	19.930	ng/ul	97
70) Atrazine	16.916	200	222353	20.066	ng/ul	97
71) Pentachlorophenol	17.116	266	162232	19.152	ng/ul	98
72) Phenanthrene	17.510	178	1030961	20.778	ng/ul	99
74) Anthracene	17.604	178	1055214	20.975	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	285711	20.465	ng/uL	99
76) Pentachlorobenzene	15.033	250	295484	20.375	ng/uL	98
77) Carbazole	17.869	167	939365	21.169	ng/ul	100
78) Di-n-butylphthalate	18.398	149	1122848	20.247	ng/ul	99
80) Fluoranthene	19.463	202	1308164	21.017	ng/ul	98
82) Pyrene	19.816	202	1365329	21.027	ng/ul	98
83) Butylbenzylphthalate	20.668	149	540045	20.627	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.457	252	512667	20.226	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1442744	20.717	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	790479	20.195	ng/ul	99
87) Chrysene	21.586	228	1379243	20.781	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	1378044	20.967	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1456248	20.981	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1445614	21.843	ng/ul	99
93) Benzo(a)pyrene	23.974	252	1248194	20.676	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.751	276	1447689	18.115	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	1210065	18.218	ng/ul	99
96) Benzo(g,h,i)perylene	27.574	276	1124966	17.611	ng/ul	98

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

Instrument :

BNA_P

ClientSampleId :

SSTD020774

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

