

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015424.D
 Acq On : 08 Jun 2023 06:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020738

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/12/2023

Quant Time: Jun 08 06:56:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	133866	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	625516	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	436057	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1032938	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1039202	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1168953	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	30169	8.345	ng/uL	0.00
4) Pyridine-d5	3.852	84	193250	20.580	ng/u1	0.00
7) Phenol-d5	7.252	99	255200	20.693	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	157859	21.433	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	193827	21.677	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	215114	21.253	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	104759	21.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	122016	21.757	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	223113	21.809	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	317986	21.655	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	737284	21.442	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	810848	21.565	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	122048	19.820	ng/u1	0.00
60) Fluorene-d10	15.734	176	621874	21.447	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	125119	19.120	ng/u1	0.00
73) Anthracene-d10	17.598	188	1004912	21.382	ng/u1	0.00
81) Pyrene-d10	19.816	212	1219884	21.933	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1226683	20.914	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	32518	8.516	ng/uL	93
5) Pyridine	3.869	79	206363	21.198	ng/u1	96
6) Benzaldehyde	7.228	77	96857m	20.547	ng/u1	
8) Phenol	7.275	94	266284	20.929	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.510	93	213391	21.213	ng/u1	98
12) 2-Chlorophenol	7.657	128	205182	21.719	ng/u1	98
13) 2-Methylphenol	8.546	108	209142	21.364	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.634	45	293523	22.019	ng/u1	99
16) Acetophenone	8.934	105	359742	22.271	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.910	70	189876	21.779	ng/u1	96
18) 4-Methylphenol	8.875	108	233963	21.722	ng/u1	99
19) Hexachloroethane	9.187	117	87917	22.023	ng/u1	99
22) Nitrobenzene	9.316	77	284752	21.864	ng/u1	97
23) Isophorone	9.846	82	557505	21.384	ng/u1	99
25) 2-Nitrophenol	10.034	139	131753	21.759	ng/u1	99
26) 2,4-Dimethylphenol	10.087	107	279272	21.748	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.328	93	321522	21.213	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	224657	22.086	ng/u1	96
30) Naphthalene	10.975	128	716290	21.132	ng/u1	100
32) 4-Chloroaniline	11.093	127	329649	21.696	ng/u1	98
33) Hexachlorobutadiene	11.251	225	151677	22.111	ng/u1	97
34) Caprolactam	11.863	113	79925m	20.873	ng/u1	
35) 4-Chloro-3-methylphenol	12.204	107	271612	22.039	ng/u1	100
36) 2-Methylnaphthalene	12.575	142	512582	21.511	ng/u1	98

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37) 1-Methylnaphthalene	12.793	142	518739	21.621	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.940	216	293235	21.595	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	118825	21.349	ng/ul	95
41) 2,4,6-Trichlorophenol	13.181	196	200658	22.203	ng/ul	100
42) 2,4,5-Trichlorophenol	13.251	196	217518	22.087	ng/ul	97
43) 1,1'-Biphenyl	13.575	154	720379	21.362	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	568167	21.475	ng/ul	98
45) 2-Nitroaniline	13.828	65	185242	21.876	ng/ul	96
47) Dimethylphthalate	14.192	163	766901	21.601	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	158152	21.743	ng/ul	96
50) Acenaphthylene	14.463	152	891501	21.411	ng/ul	99
51) 3-Nitroaniline	14.651	138	121660	20.261	ng/ul	99
52) Acenaphthene	14.804	153	617692	21.461	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	70684	16.154	ng/ul	99
55) 4-Nitrophenol	14.957	109	123867	20.855	ng/ul	91
56) Dibenzofuran	15.139	168	883361	21.654	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	234332	21.904	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.363	232	198220	22.292	ng/ul#	99
59) Diethylphthalate	15.551	149	793717	21.813	ng/ul	99
61) Fluorene	15.786	166	719571	21.638	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.775	204	363236	21.673	ng/ul	98
63) 4-Nitroaniline	15.816	138	111092	19.505	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	131129	19.648	ng/ul	96
67) N-Nitrosodiphenylamine	15.992	169	626784	21.389	ng/ul	100
68) 4-Bromophenyl-phenylether	16.675	248	237150	21.460	ng/ul	99
69) Hexachlorobenzene	16.798	284	283249	21.729	ng/ul	98
70) Atrazine	16.945	200	255920	21.870	ng/ul	99
71) Pentachlorophenol	17.145	266	152617m	20.714	ng/ul	
72) Phenanthrene	17.539	178	1187965	21.431	ng/ul	100
74) Anthracene	17.633	178	1215214	21.607	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	308029	21.607	ng/uL	98
76) Pentachlorobenzene	15.057	250	319192	21.385	ng/uL	98
77) Carbazole	17.898	167	1103652	21.793	ng/ul	100
78) Di-n-butylphthalate	18.427	149	1424044	22.163	ng/ul	99
80) Fluoranthene	19.492	202	1480841	21.857	ng/ul	99
82) Pyrene	19.845	202	1525828	21.769	ng/ul	100
83) Butylbenzylphthalate	20.698	149	699769	22.588	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	487620	19.861	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1567131	21.572	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1059183	23.131	ng/ul	99
87) Chrysene	21.616	228	1470526	21.415	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1850917	24.092	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1613726	21.386	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	1572448	21.558	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1380522	20.985	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.827	276	1631849	19.167	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	1358573	19.586	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	1309269	18.660	ng/ul	99

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

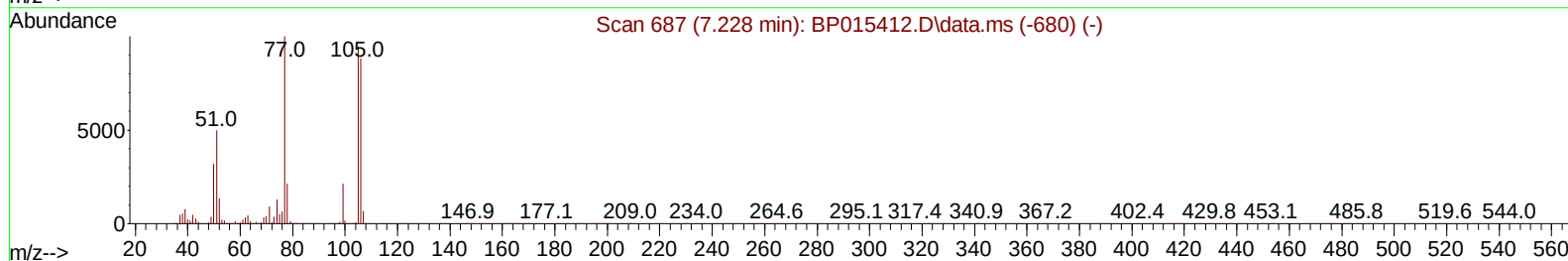
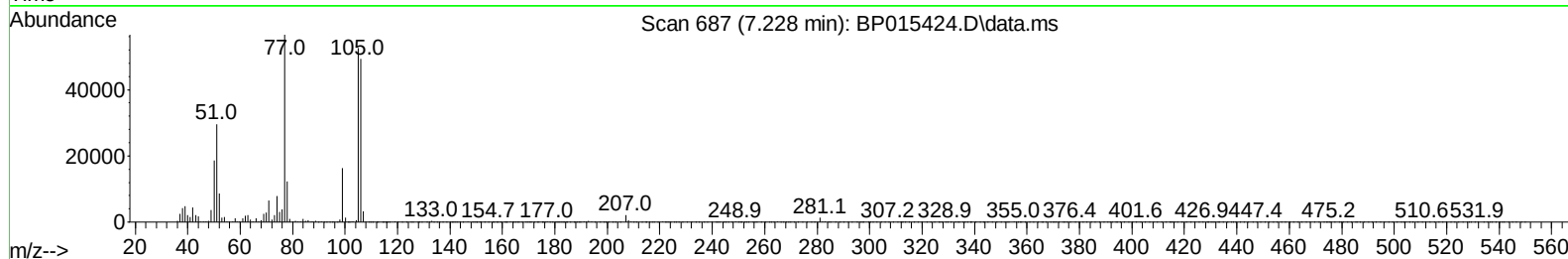
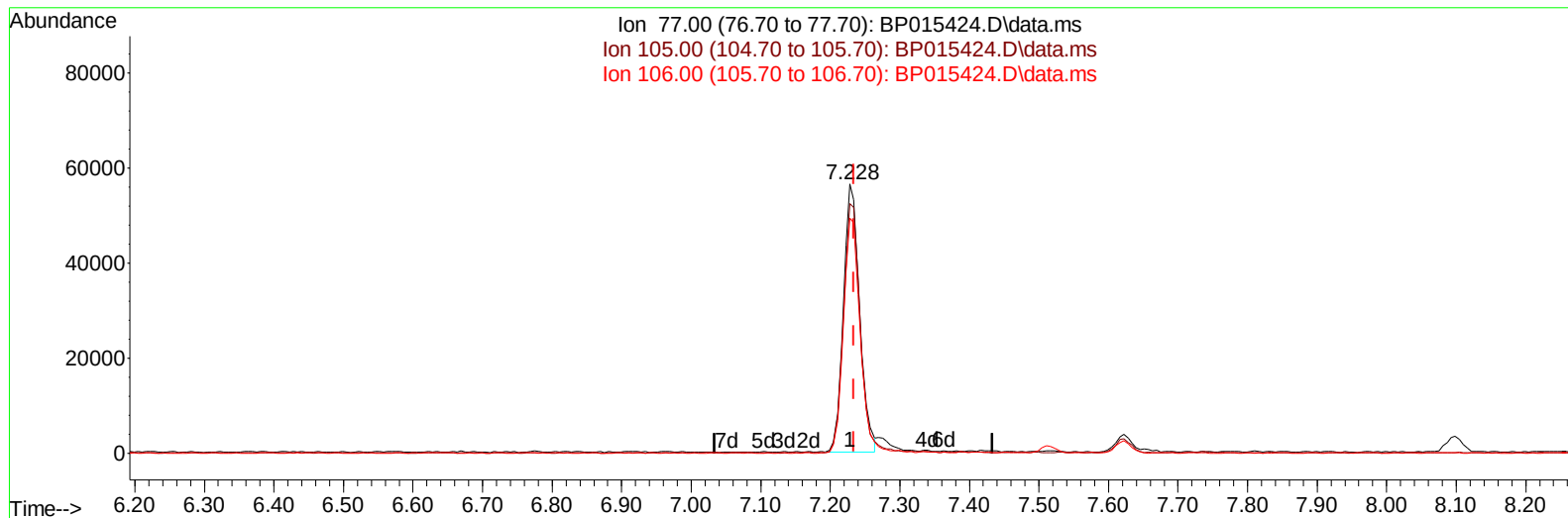
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration



TIC: BP015424.D\data.ms

(6) Benzaldehyde

7.228min (-0.006) 19.48 ng/u1

response 91842

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	92.82
106.00	91.60	87.30
0.00	0.00	0.00

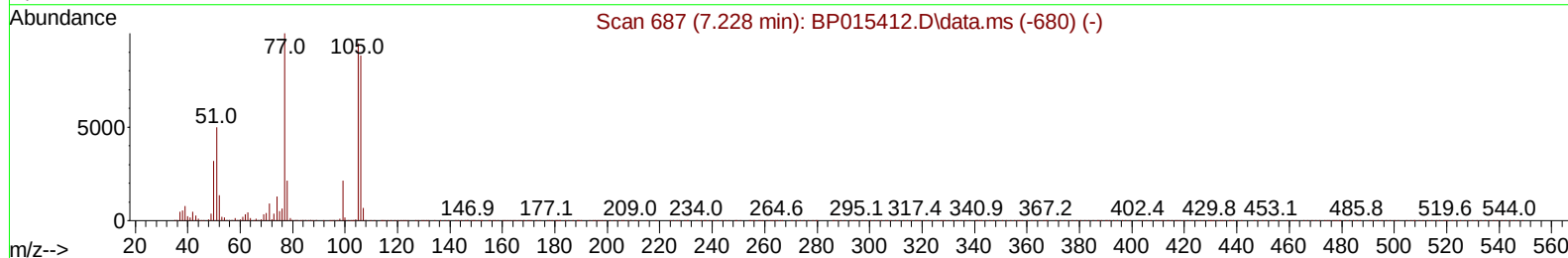
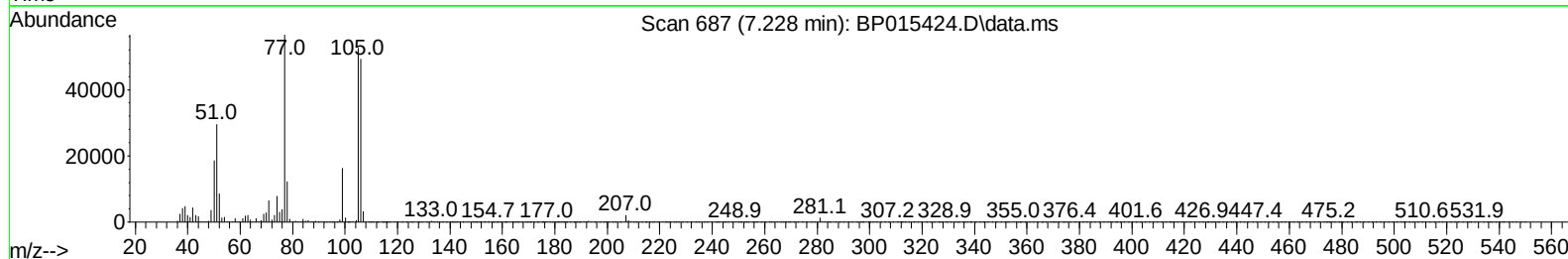
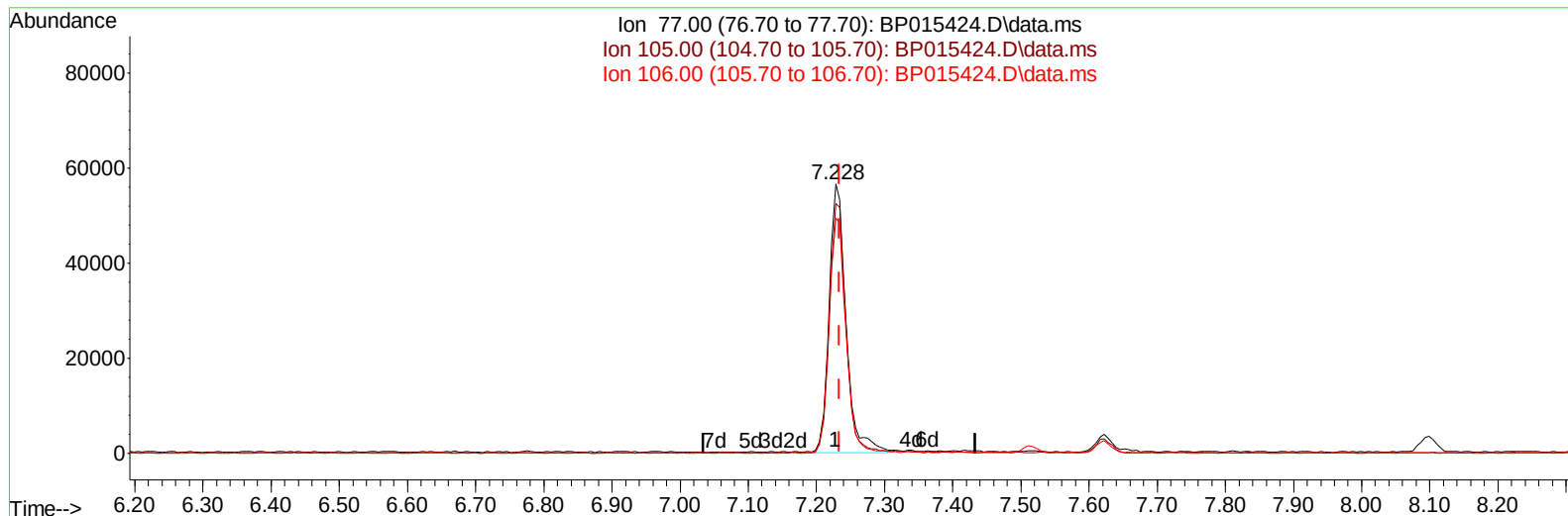
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TIC: BP015424.D\data.ms

(6) Benzaldehyde

7.228min (-0.006) 20.55 ng/ul m

response 96857

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	92.82
106.00	91.60	87.30
0.00	0.00	0.00

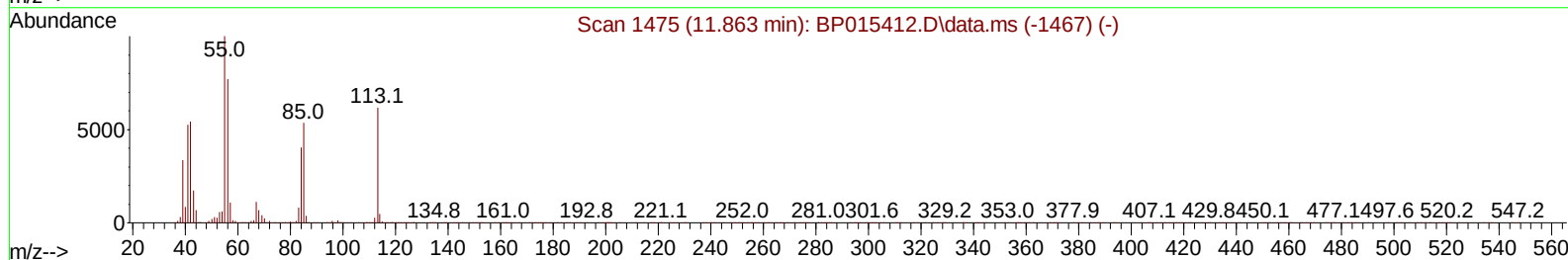
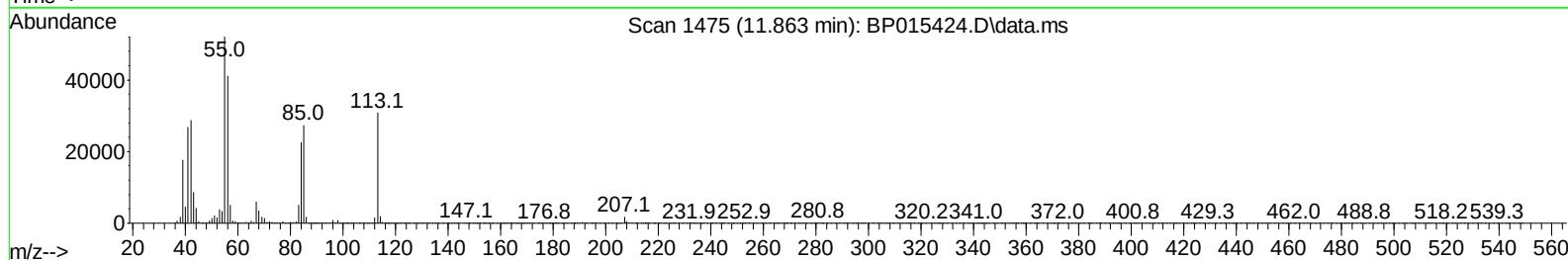
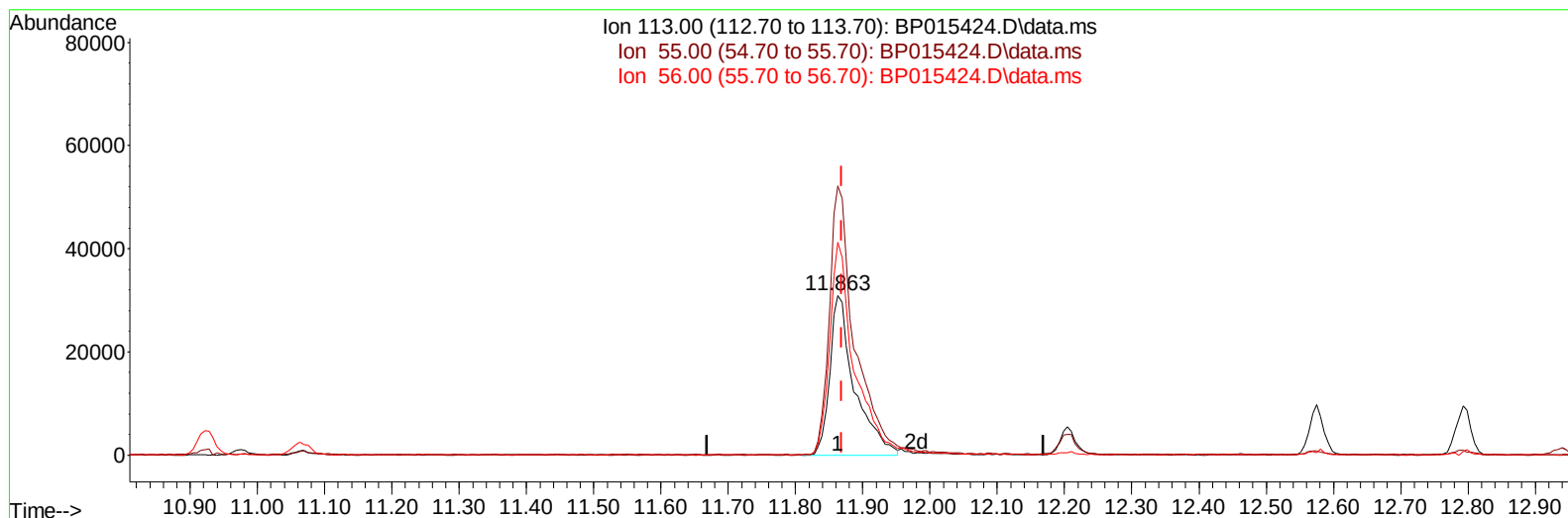
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(34) Caprolactam

11.863min (-0.006) 20.60 ng/ul

response 78866

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	168.42
56.00	126.40	133.26
0.00	0.00	0.00

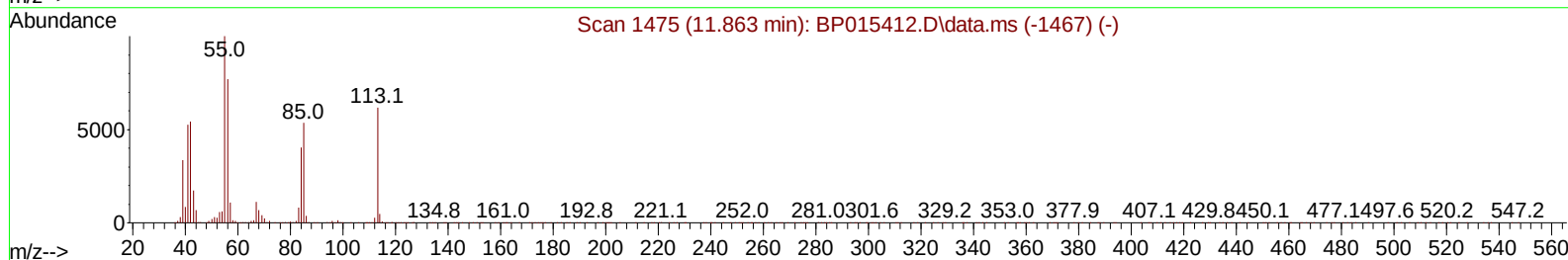
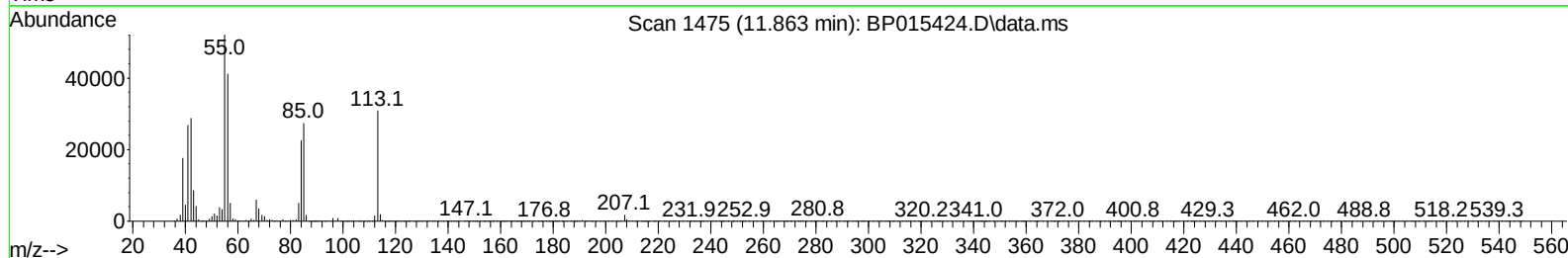
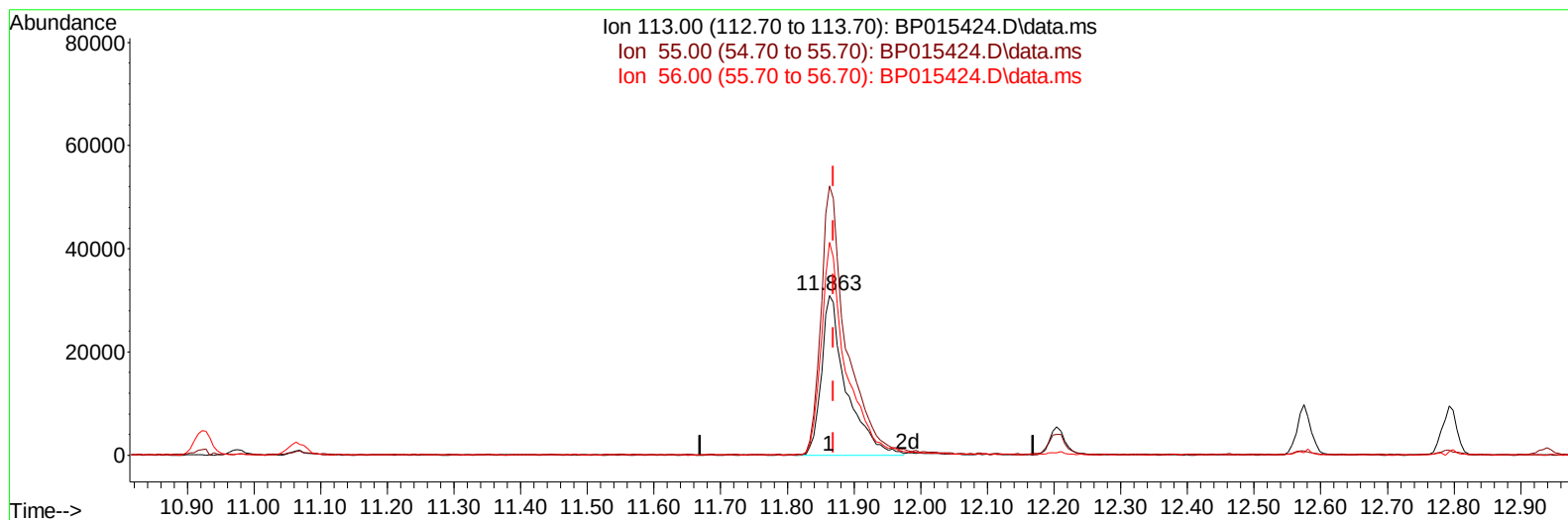
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TIC: BP015424.D\data.ms

(34) Caprolactam

11.863min (-0.006) 20.87 ng/ul m

response 79925

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	168.42
56.00	126.40	133.26
0.00	0.00	0.00

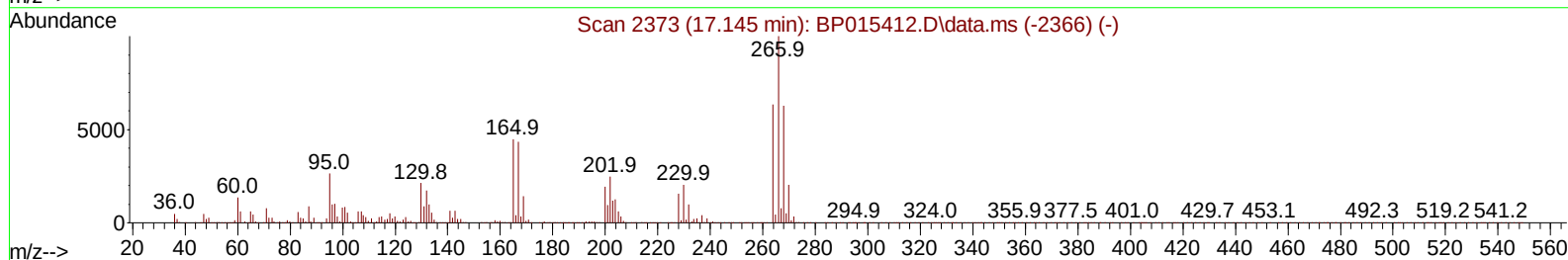
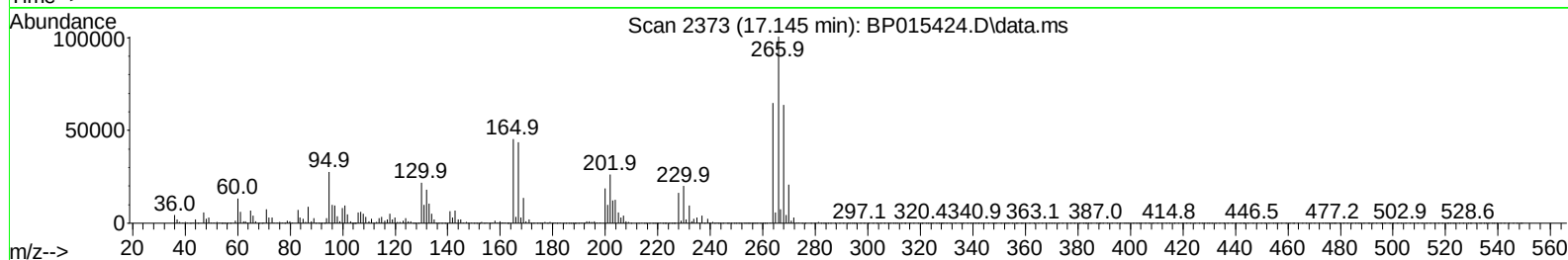
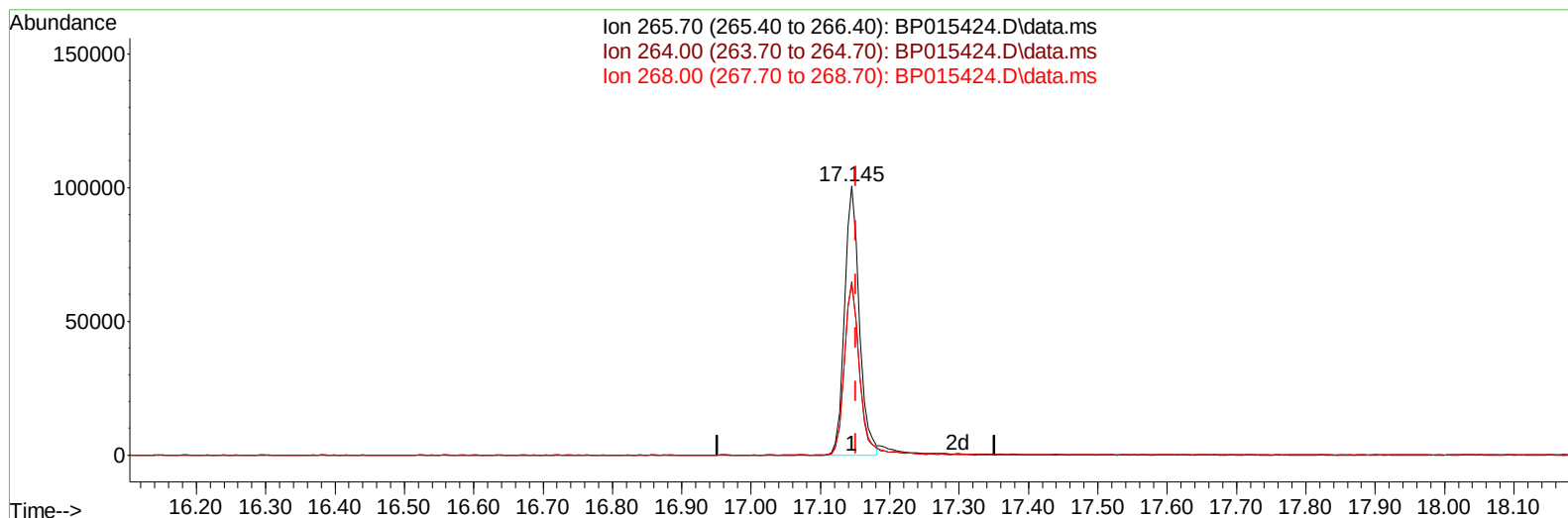
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TIC: BP015424.D\data.ms

(71) Pentachlorophenol (C)

17.145min (-0.006) 19.96 ng/u1

response 147050

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.00	64.46
268.00	63.80	63.26
0.00	0.00	0.00

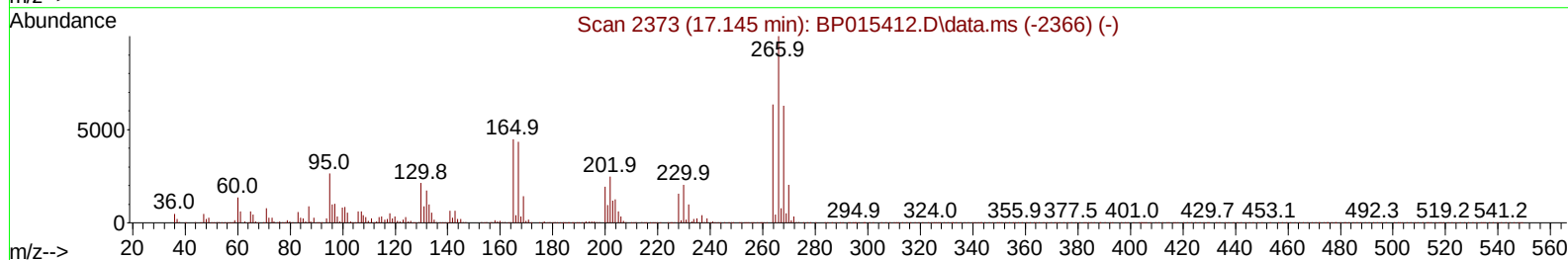
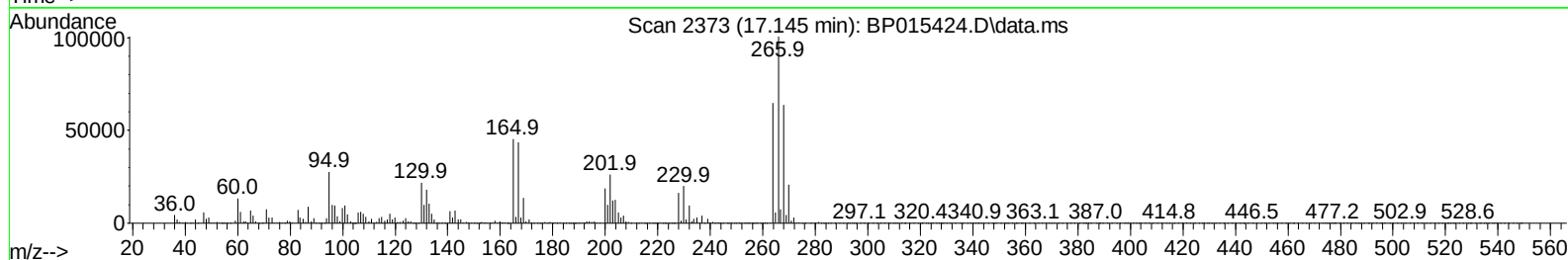
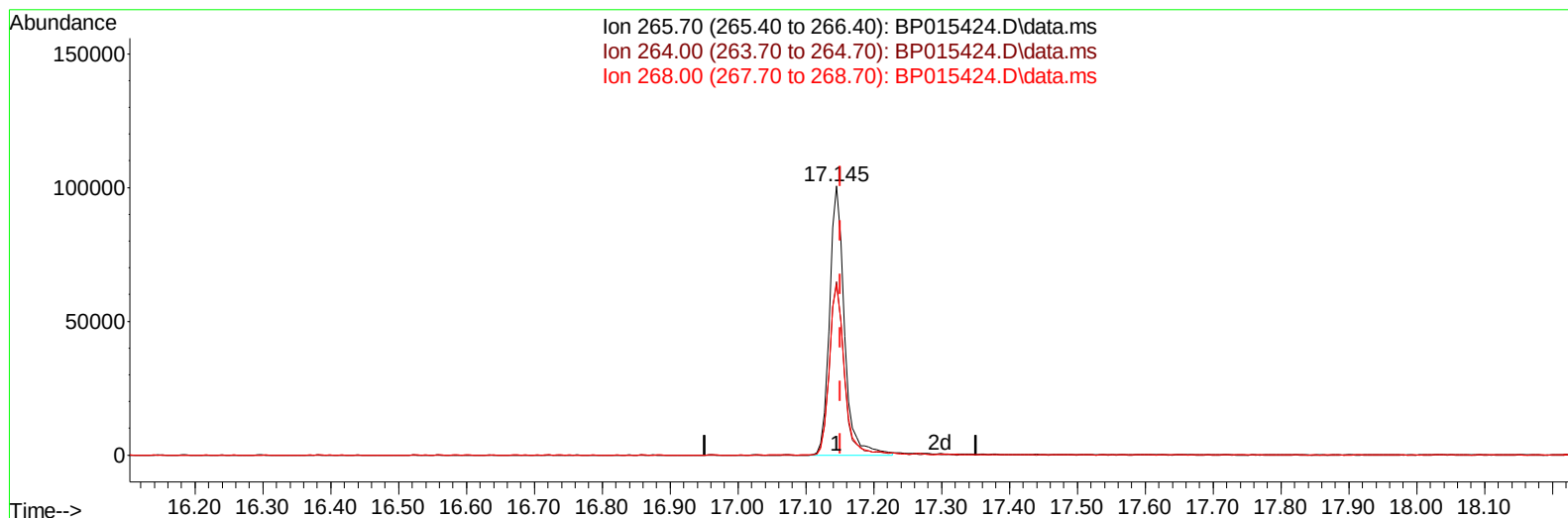
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(71) Pentachlorophenol (C)

17.145min (-0.006) 20.71 ng/ul m

response 152617

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.00	64.46
268.00	63.80	63.26
0.00	0.00	0.00

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28) 2,4-Dichlorophenol-d3	10.546	165	223113	21.809	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	317986	21.655	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	737284	21.442	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	810848	21.565	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	122048	19.820	ng/ul	0.00
60) Fluorene-d10	15.734	176	621874	21.447	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	125119	19.120	ng/ul	0.00
73) Anthracene-d10	17.598	188	1004912	21.382	ng/ul	0.00
81) Pyrene-d10	19.816	212	1219884	21.933	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1226683	20.914	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	32518	8.516	ng/uL	93
5) Pyridine	3.869	79	206363	21.198	ng/ul	96
6) Benzaldehyde	7.228	77	96857m	20.547	ng/ul	
8) Phenol	7.275	94	266284	20.929	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.510	93	213391	21.213	ng/ul	98
12) 2-Chlorophenol	7.657	128	205182	21.719	ng/ul	98
13) 2-Methylphenol	8.546	108	209142	21.364	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.634	45	293523	22.019	ng/ul	99
16) Acetophenone	8.934	105	359742	22.271	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.910	70	189876	21.779	ng/ul	96
18) 4-Methylphenol	8.875	108	233963	21.722	ng/ul	99
19) Hexachloroethane	9.187	117	87917	22.023	ng/ul	99
22) Nitrobenzene	9.316	77	284752	21.864	ng/ul	97
23) Isophorone	9.846	82	557505	21.384	ng/ul	99
25) 2-Nitrophenol	10.034	139	131753	21.759	ng/ul	99
26) 2,4-Dimethylphenol	10.087	107	279272	21.748	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.328	93	321522	21.213	ng/ul	100
29) 2,4-Dichlorophenol	10.569	162	224657	22.086	ng/ul	96
30) Naphthalene	10.975	128	716290	21.132	ng/ul	100
32) 4-Chloroaniline	11.093	127	329649	21.696	ng/ul	98
33) Hexachlorobutadiene	11.251	225	151677	22.111	ng/ul	97
34) Caprolactam	11.863	113	79925m	20.873	ng/ul	
35) 4-Chloro-3-methylphenol	12.204	107	271612	22.039	ng/ul	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015424.D
 Acq On : 08 Jun 2023 06:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020738

Quant Time: Jun 08 06:56:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.575	142	512582	21.511	ng/ul	98
37) 1-Methylnaphthalene	12.793	142	518739	21.621	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.940	216	293235	21.595	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	118825	21.349	ng/ul	95
41) 2,4,6-Trichlorophenol	13.181	196	200658	22.203	ng/ul	100
42) 2,4,5-Trichlorophenol	13.251	196	217518	22.087	ng/ul	97
43) 1,1'-Biphenyl	13.575	154	720379	21.362	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	568167	21.475	ng/ul	98
45) 2-Nitroaniline	13.828	65	185242	21.876	ng/ul	96
47) Dimethylphthalate	14.192	163	766901	21.601	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	158152	21.743	ng/ul	96
50) Acenaphthylene	14.463	152	891501	21.411	ng/ul	99
51) 3-Nitroaniline	14.651	138	121660	20.261	ng/ul	99
52) Acenaphthene	14.804	153	617692	21.461	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	70684	16.154	ng/ul	99
55) 4-Nitrophenol	14.957	109	123867	20.855	ng/ul	91
56) Dibenzofuran	15.139	168	883361	21.654	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	234332	21.904	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.363	232	198220	22.292	ng/ul#	99
59) Diethylphthalate	15.551	149	793717	21.813	ng/ul	99
61) Fluorene	15.786	166	719571	21.638	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.775	204	363236	21.673	ng/ul	98
63) 4-Nitroaniline	15.816	138	111092	19.505	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	131129	19.648	ng/ul	96
67) N-Nitrosodiphenylamine	15.992	169	626784	21.389	ng/ul	100
68) 4-Bromophenyl-phenylether	16.675	248	237150	21.460	ng/ul	99
69) Hexachlorobenzene	16.798	284	283249	21.729	ng/ul	98
70) Atrazine	16.945	200	255920	21.870	ng/ul	99
71) Pentachlorophenol	17.145	266	152617m	20.714	ng/ul	
72) Phenanthrene	17.539	178	1187965	21.431	ng/ul	100
74) Anthracene	17.633	178	1215214	21.607	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	308029	21.607	ng/uL	98
76) Pentachlorobenzene	15.057	250	319192	21.385	ng/uL	98
77) Carbazole	17.898	167	1103652	21.793	ng/ul	100
78) Di-n-butylphthalate	18.427	149	1424044	22.163	ng/ul	99
80) Fluoranthene	19.492	202	1480841	21.857	ng/ul	99
82) Pyrene	19.845	202	1525828	21.769	ng/ul	100
83) Butylbenzylphthalate	20.698	149	699769	22.588	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	487620	19.861	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1567131	21.572	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1059183	23.131	ng/ul	99
87) Chrysene	21.616	228	1470526	21.415	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1850917	24.092	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1613726	21.386	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	1572448	21.558	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1380522	20.985	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.827	276	1631849	19.167	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	1358573	19.586	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	1309269	18.660	ng/ul	99

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

Instrument :

BNA_P

ClientSampleId :

SSTD020738

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/12/2023

