

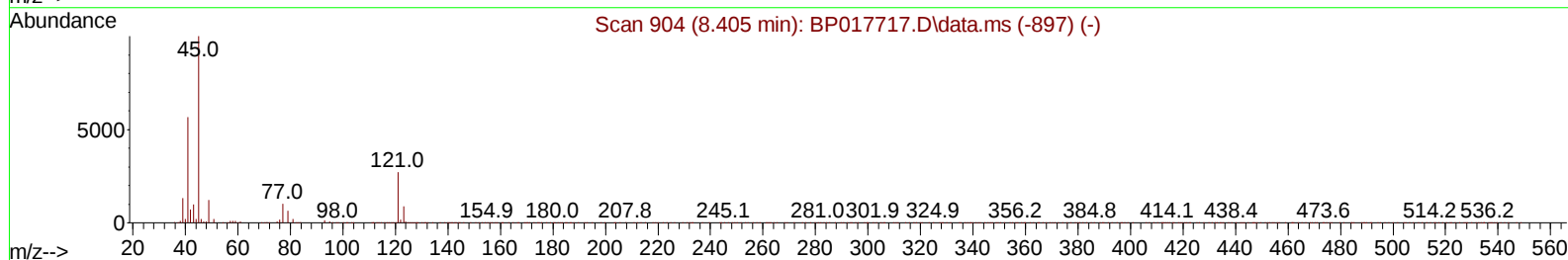
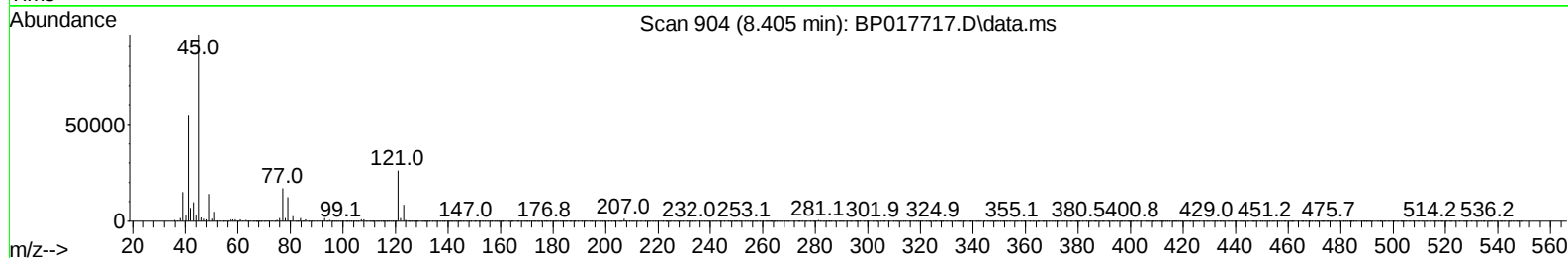
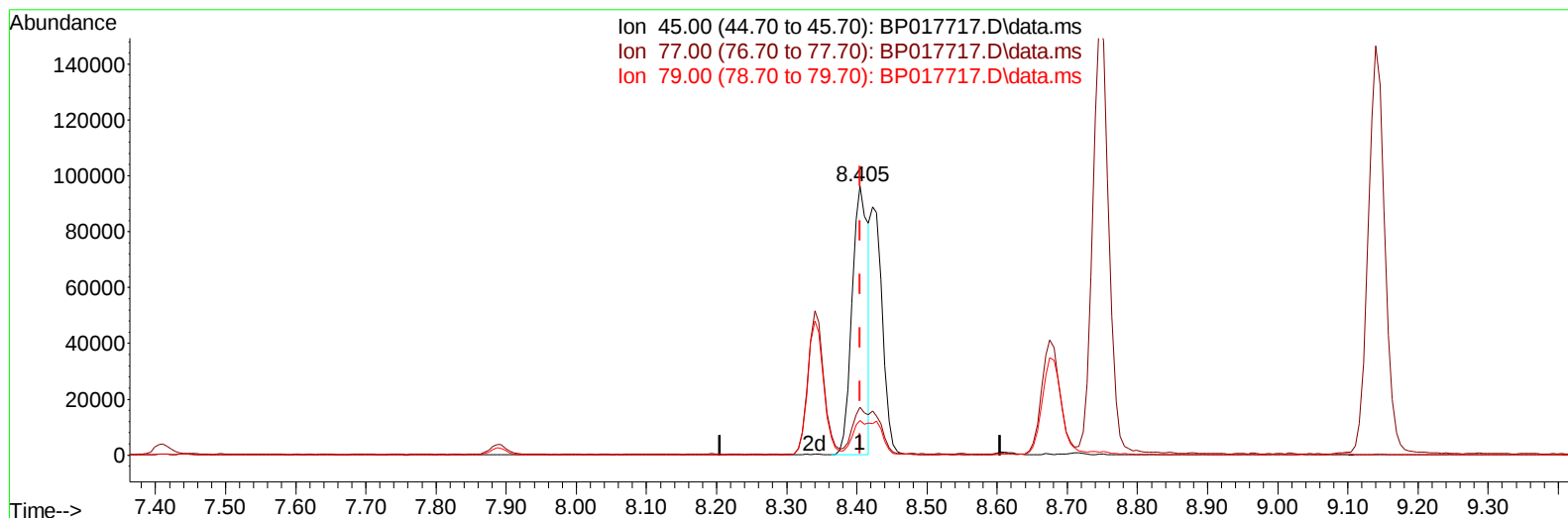
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
 Data File : BP017717.D
 Acq On : 18 Oct 2023 19:32
 Operator : MA/JU
 Sample : SSTD02036
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020647

Manual IntegrationsAPPROVED

Quant Time: Oct 19 00:56:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 00:53:23 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023



TIC: BP017717.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.405min (0.000) 10.97 ng/u1

response 153216

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	17.79
79.00	12.90	12.91
0.00	0.00	0.00

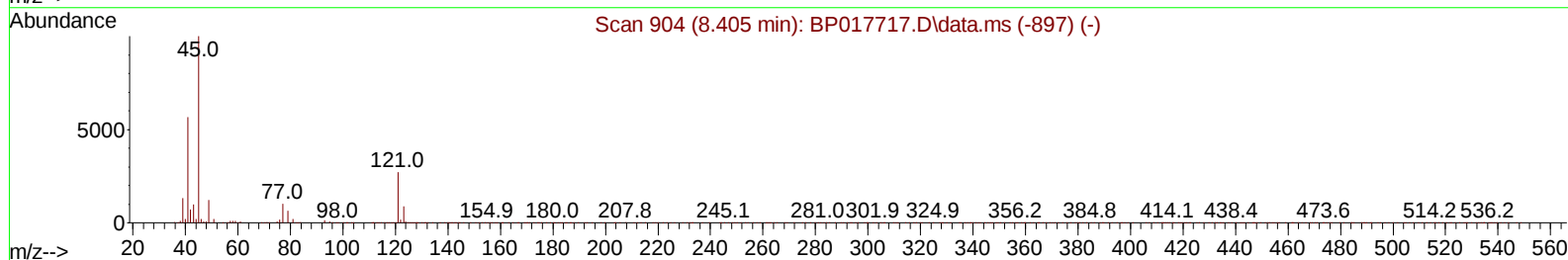
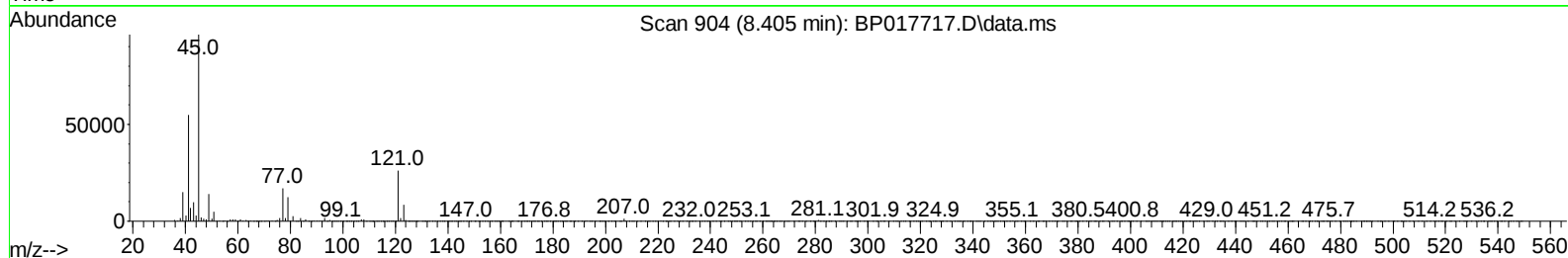
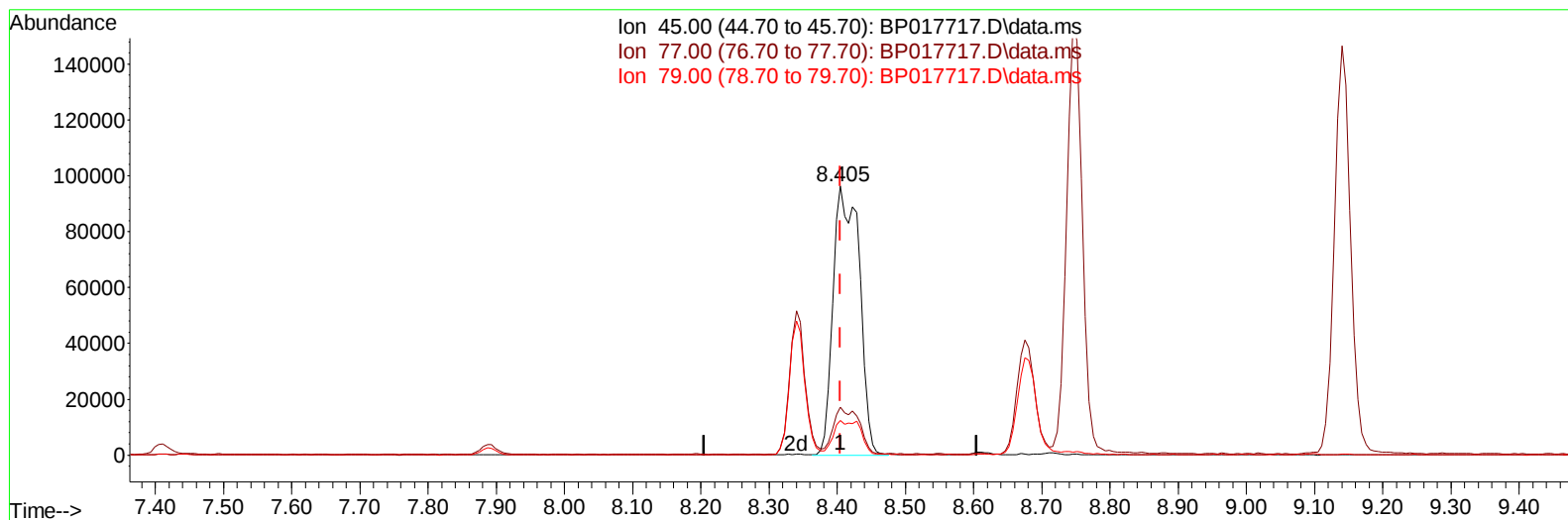
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
 Data File : BP017717.D
 Acq On : 18 Oct 2023 19:32
 Operator : MA/JU
 Sample : SSTD02036
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020647

Manual IntegrationsAPPROVED

Quant Time: Oct 19 00:56:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 00:53:23 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023



TIC: BP017717.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.405min (0.000) 18.31 ng/ul m

response 255729

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	17.79
79.00	12.90	12.91
0.00	0.00	0.00

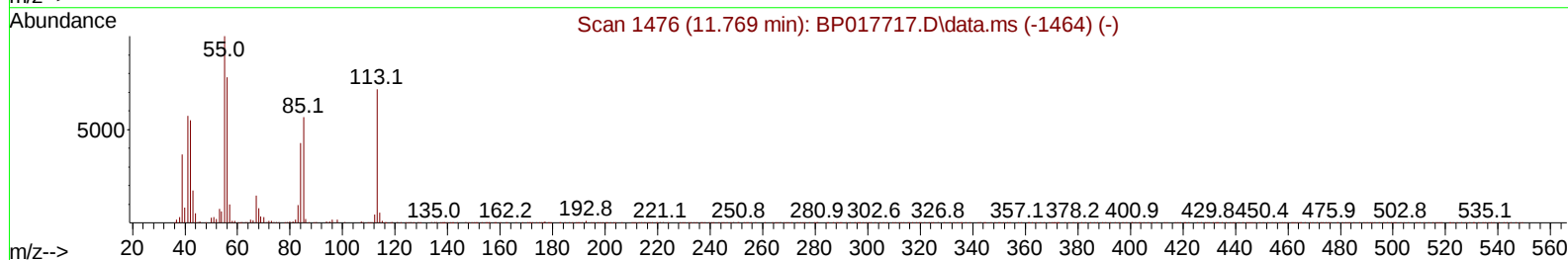
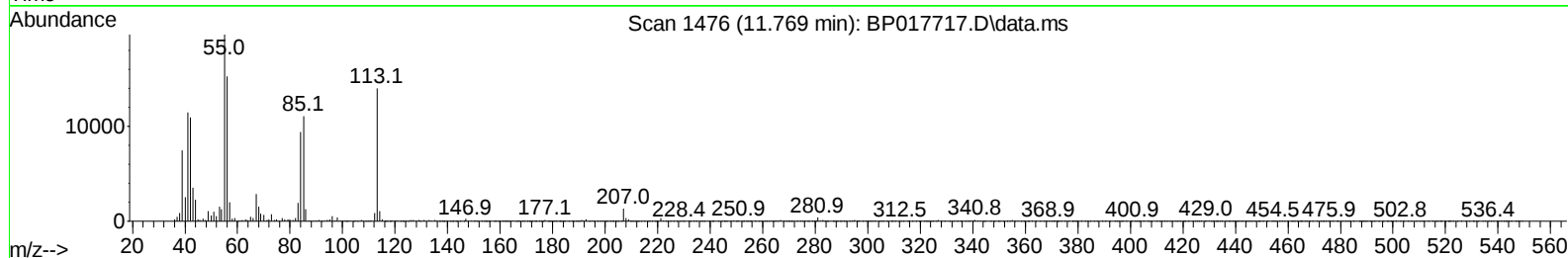
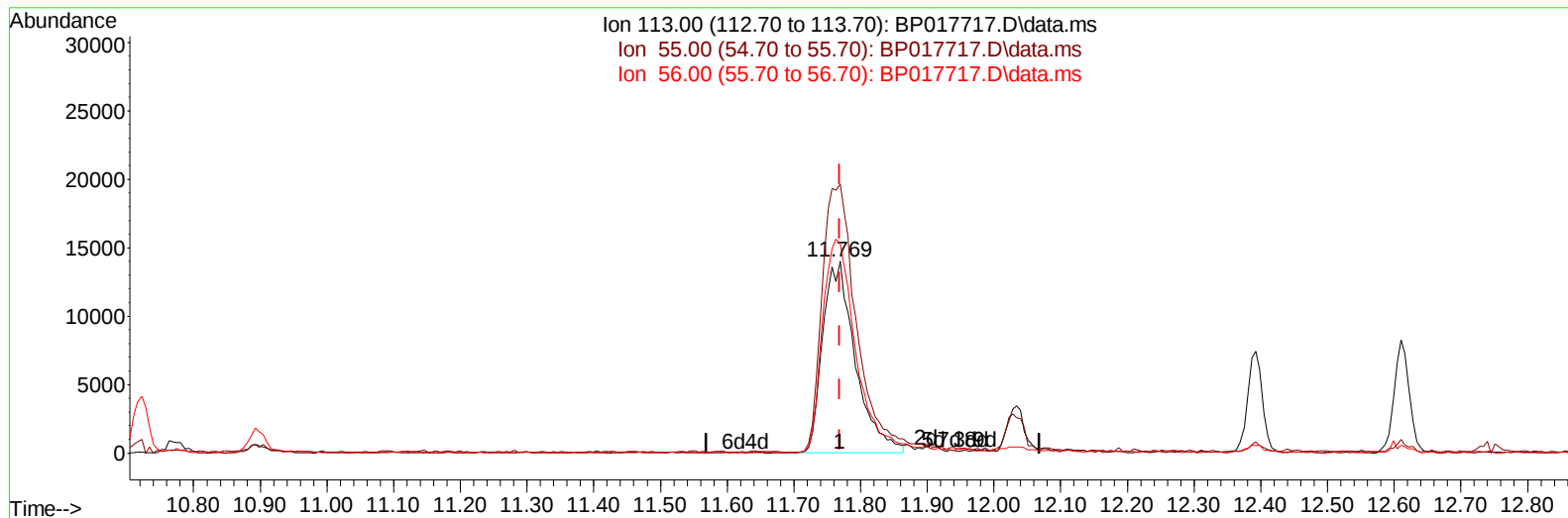
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
 Data File : BP017717.D
 Acq On : 18 Oct 2023 19:32
 Operator : MA/JU
 Sample : SST02036
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020647

Manual IntegrationsAPPROVED

Quant Time: Oct 19 01:05:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 00:53:23 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023



TIC: BP017717.D\data.ms

(34) Caprolactam

11.769min (0.000) 16.19 ng/ul

response 47506

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	140.12
56.00	108.80	108.76
0.00	0.00	0.00

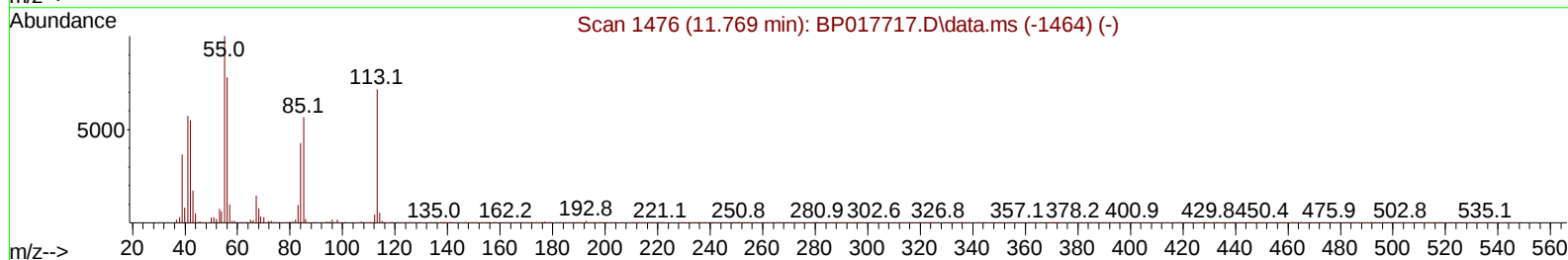
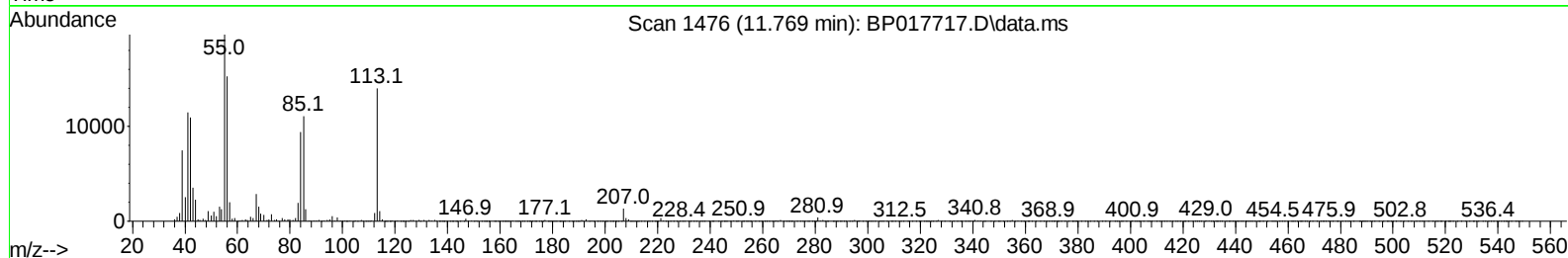
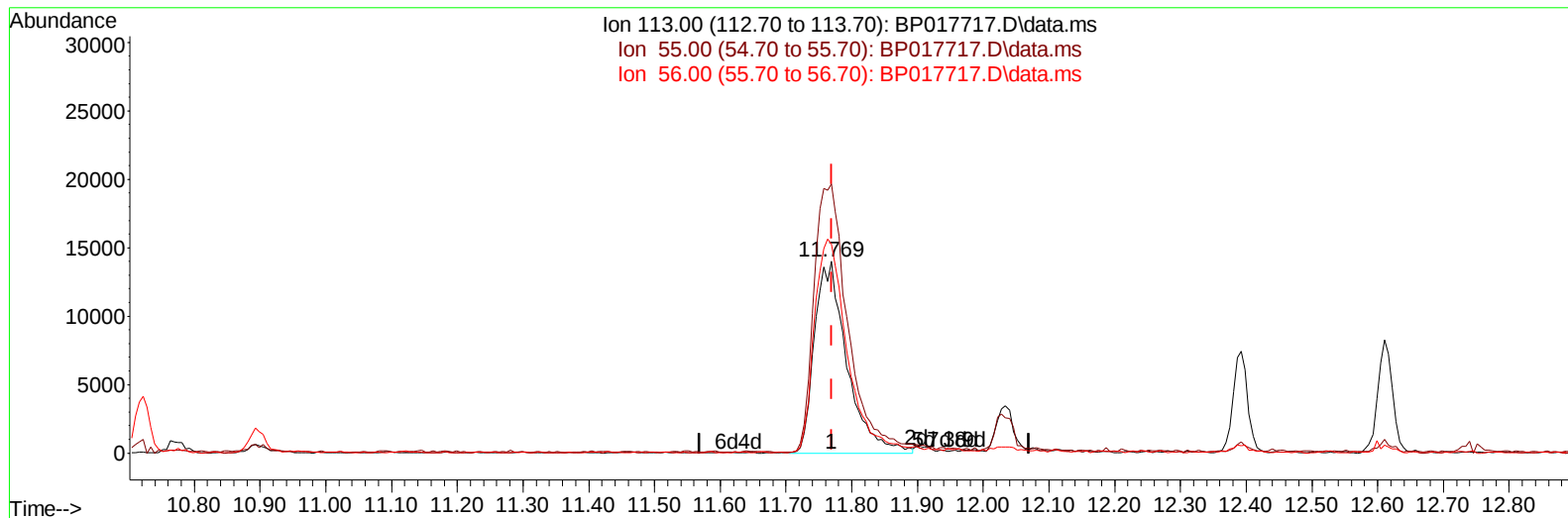
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
 Data File : BP017717.D
 Acq On : 18 Oct 2023 19:32
 Operator : MA/JU
 Sample : SSTD02036
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTD020647

Manual IntegrationsAPPROVED

Quant Time: Oct 19 01:05:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
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 QLast Update : Thu Oct 19 00:53:23 2023
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Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023



TIC: BP017717.D\data.ms

(34) Caprolactam

11.769min (0.000) 16.48 ng/ul m

response 48353

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	140.12
56.00	108.80	108.76
0.00	0.00	0.00

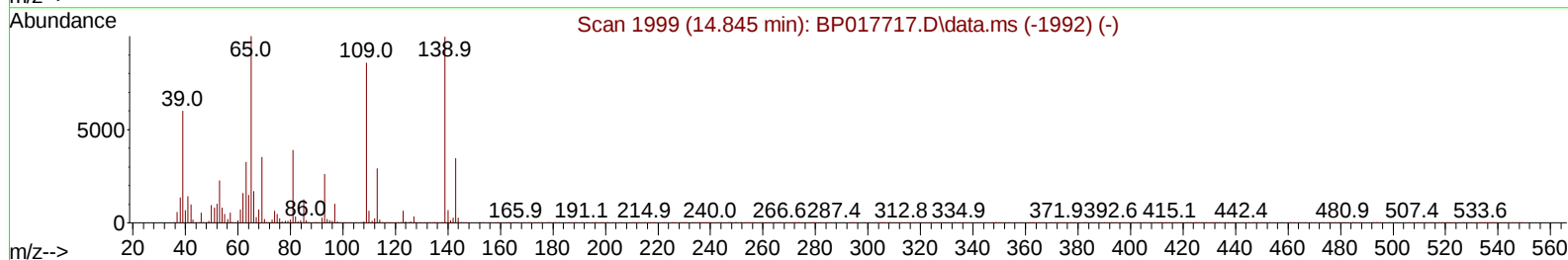
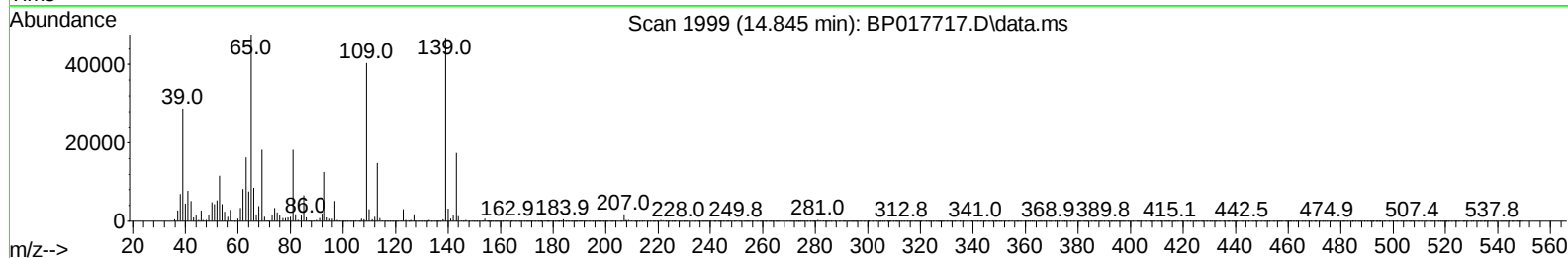
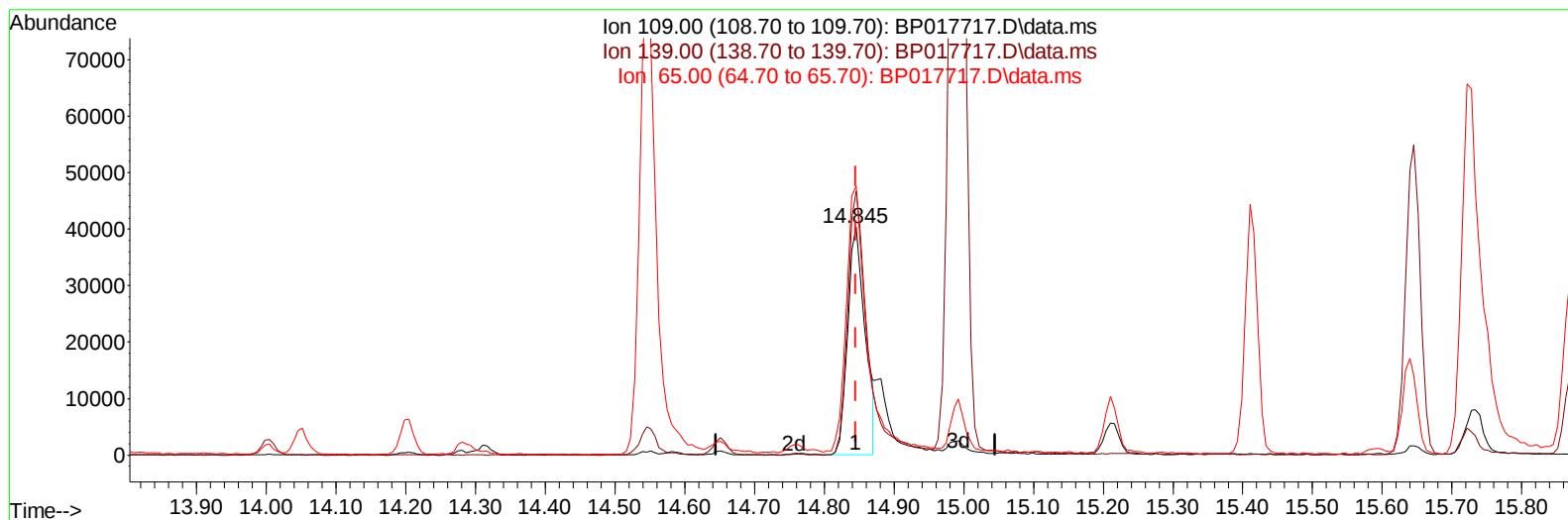
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
Data File : BP017717.D
Acq On : 18 Oct 2023 19:32
Operator : MA/JU
Sample : SSTD02036
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020647

Manual IntegrationsAPPROVED

Quant Time: Oct 19 01:06:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 00:53:23 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



TIC: BP017717.D\data.ms

(55) 4-Nitrophenol

14.845min (0.000) 14.03 ng/u1

response 69315

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	116.10	116.07
65.00	118.10	118.11
0.00	0.00	0.00

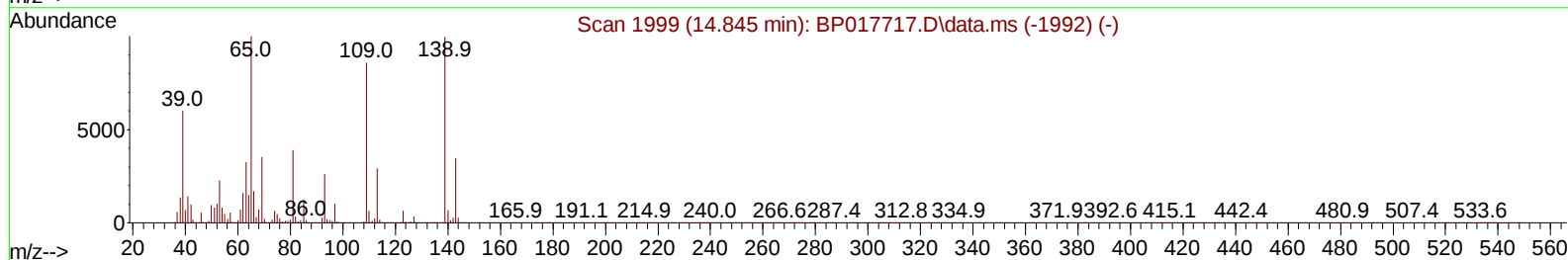
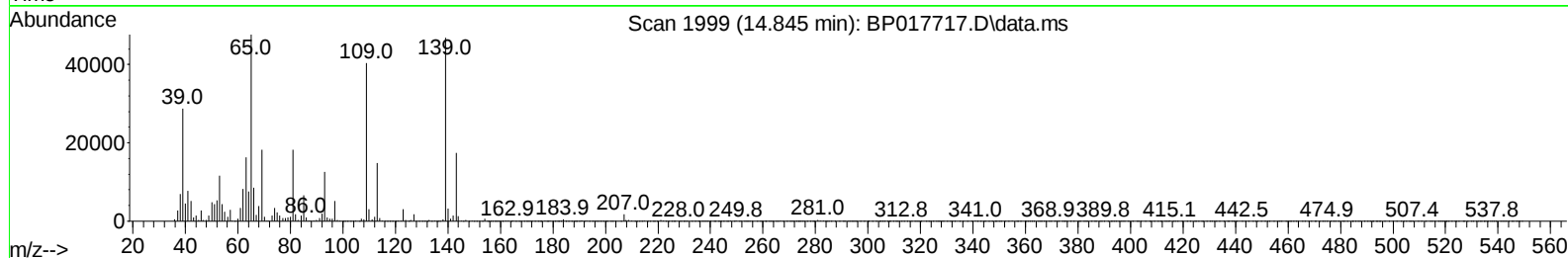
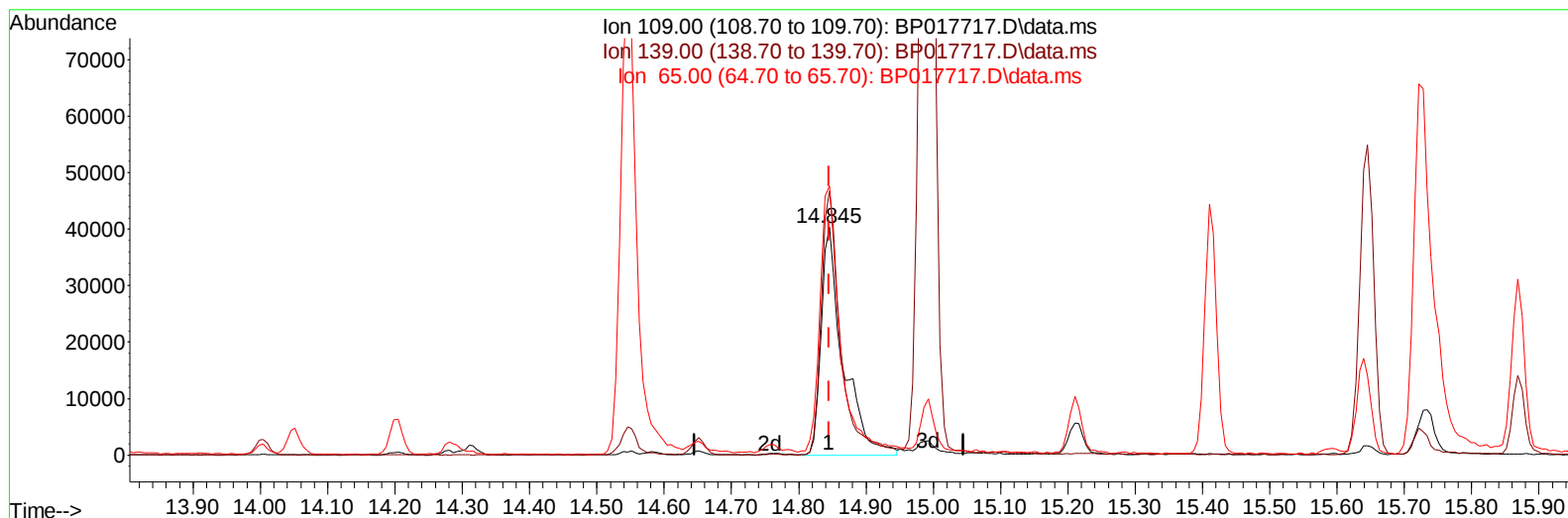
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
Data File : BP017717.D
Acq On : 18 Oct 2023 19:32
Operator : MA/JU
Sample : SSTD02036
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020647

Manual IntegrationsAPPROVED

Quant Time: Oct 19 01:06:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 00:53:23 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



TIC: BP017717.D\data.ms

(55) 4-Nitrophenol

14.845min (0.000) 18.36 ng/ul m

response 90750

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	116.10	116.07
65.00	118.10	118.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
 Data File : BP017717.D
 Acq On : 18 Oct 2023 19:32
 Operator : MA/JU
 Sample : SST002036
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST0020647

Manual IntegrationsAPPROVED

Quant Time: Oct 19 01:07:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 00:53:23 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	149715	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	583159	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	377977	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	829402	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	793218	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	848295	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	31707	7.898	ng/uL	0.00
4) Pyridine-d5	3.693	84	205607	18.604	ng/ul	0.00
7) Phenol-d5	7.046	99	237418	17.411	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	154422	18.631	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	206300	19.389	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	189109	17.473	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	96231	19.793	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	107172	19.660	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	213048	20.629	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	261194	18.011	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	632906	19.526	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	721461	20.516	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	79155	15.083	ng/ul	0.00
60) Fluorene-d10	15.592	176	553741	20.007	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	99397	17.368	ng/ul	0.00
73) Anthracene-d10	17.475	188	860669	20.177	ng/ul	0.00
81) Pyrene-d10	19.733	212	1005580	20.887	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	970935	20.341	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	34597	8.014	ng/uL	100
5) Pyridine	3.711	79	211155	18.551	ng/ul	100
6) Benzaldehyde	7.052	77	149664	21.783	ng/ul	100
8) Phenol	7.075	94	237188	17.613	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.328	93	203698	18.660	ng/ul	100
12) 2-Chlorophenol	7.440	128	206409	19.462	ng/ul	100
13) 2-Methylphenol	8.340	108	181091	17.975	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.405	45	255729m	18.309	ng/ul	
16) Acetophenone	8.746	105	303823	18.044	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.716	70	151426	17.936	ng/ul	100
18) 4-Methylphenol	8.675	108	194393	17.824	ng/ul	100
19) Hexachloroethane	8.952	117	92913	19.520	ng/ul	100
22) Nitrobenzene	9.140	77	241538	19.475	ng/ul	100
23) Isophorone	9.652	82	426572	19.183	ng/ul	100
25) 2-Nitrophenol	9.846	139	116179	20.016	ng/ul	100
26) 2,4-Dimethylphenol	9.887	107	223640	19.507	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.146	93	266882	19.444	ng/ul	100
29) 2,4-Dichlorophenol	10.369	162	199360	20.107	ng/ul	100
30) Naphthalene	10.775	128	674600	19.966	ng/ul	100
32) 4-Chloroaniline	10.916	127	249509	17.976	ng/ul	100
33) Hexachlorobutadiene	10.993	225	157924	20.370	ng/ul	100
34) Caprolactam	11.769	113	48353m	16.476	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	193493	18.889	ng/ul	100

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 Acq On : 18 Oct 2023 19:32
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 Sample : SST002036
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST0020647

Manual IntegrationsAPPROVED

Quant Time: Oct 19 01:07:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 00:53:23 2023
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Reviewed By :Yogesh Patel 10/19/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	461443	20.000	ng/ul	100
37) 1-Methylnaphthalene	12.610	142	476103	20.247	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.746	216	282870	20.429	ng/ul	100
40) Hexachlorocyclopentadiene	12.687	237	137556	21.210	ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	173251	20.503	ng/ul	100
42) 2,4,5-Trichlorophenol	13.081	196	181169	20.368	ng/ul	100
43) 1,1'-Biphenyl	13.410	154	630927	20.312	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	506830	20.382	ng/ul	100
45) 2-Nitroaniline	13.710	65	118192	17.876	ng/ul	100
47) Dimethylphthalate	14.051	163	631618	19.718	ng/ul	100
48) 2,6-Dinitrotoluene	14.204	165	115166	19.609	ng/ul	100
50) Acenaphthylene	14.310	152	809281	20.333	ng/ul	100
51) 3-Nitroaniline	14.545	138	105101	18.075	ng/ul	100
52) Acenaphthene	14.651	153	540822	20.360	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	49635	14.002	ng/ul	100
55) 4-Nitrophenol	14.845	109	90750m	18.363	ng/ul	
56) Dibenzofuran	14.993	168	764270	20.108	ng/ul	100
57) 2,4-Dinitrotoluene	14.993	165	177753	19.618	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.216	232	156380	19.257	ng/ul	100
59) Diethylphthalate	15.410	149	609965	19.146	ng/ul	100
61) Fluorene	15.645	166	624892	20.016	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.640	204	332996	20.079	ng/ul	100
63) 4-Nitroaniline	15.722	138	100650	17.671	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.751	198	110175	18.190	ng/ul	100
67) N-Nitrosodiphenylamine	15.869	169	513225	20.706	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	196943	19.828	ng/ul	100
69) Hexachlorobenzene	16.628	284	226660	19.291	ng/ul	100
70) Atrazine	16.834	200	178206	18.844	ng/ul	100
71) Pentachlorophenol	17.004	266	123032	17.430	ng/ul	100
72) Phenanthrene	17.422	178	980861	20.115	ng/ul	100
74) Anthracene	17.510	178	998696	20.280	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	279783	21.099	ng/uL	100
76) Pentachlorobenzene	14.881	250	272379	20.269	ng/uL	100
77) Carbazole	17.810	167	822031	18.720	ng/ul	100
78) Di-n-butylphthalate	18.322	149	986619	18.382	ng/ul	100
80) Fluoranthene	19.404	202	1160192	21.039	ng/ul	100
82) Pyrene	19.763	202	1227155	21.250	ng/ul	100
83) Butylbenzylphthalate	20.633	149	420431	19.208	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.445	252	340277	17.333	ng/ul	100
85) Benzo(a)anthracene	21.498	228	1232251	20.240	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	585855	17.866	ng/ul	100
87) Chrysene	21.557	228	1154905	20.451	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	988099	18.134	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1192400	20.528	ng/ul	100
91) Benzo(k)fluoranthene	23.327	252	1172486	20.369	ng/ul	100
93) Benzo(a)pyrene	23.957	252	1103179	20.475	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.780	276	1312106	19.926	ng/ul	100
95) Dibenzo(a,h)anthracene	26.810	278	1090373	19.816	ng/ul	100
96) Benzo(g,h,i)perylene	27.627	276	1052430	20.093	ng/ul	100

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

Instrument :

BNA_P

ClientSampleId :

SSTD020647

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023

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Manual IntegrationsAPPROVED

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