

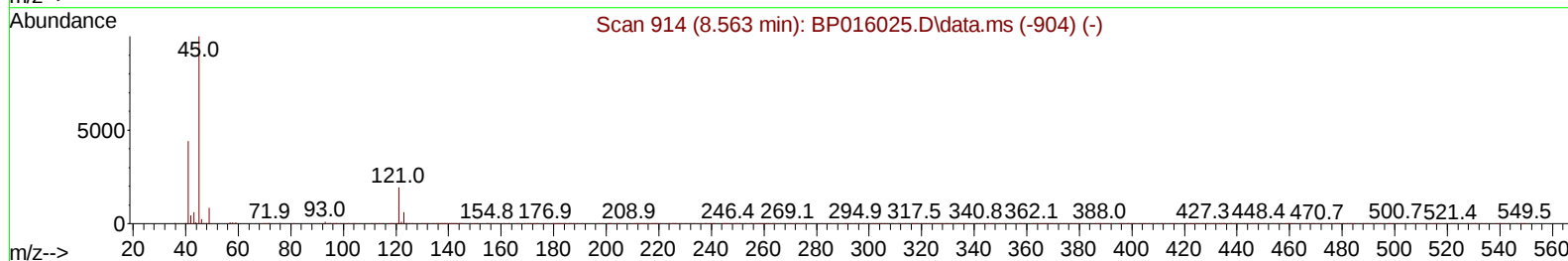
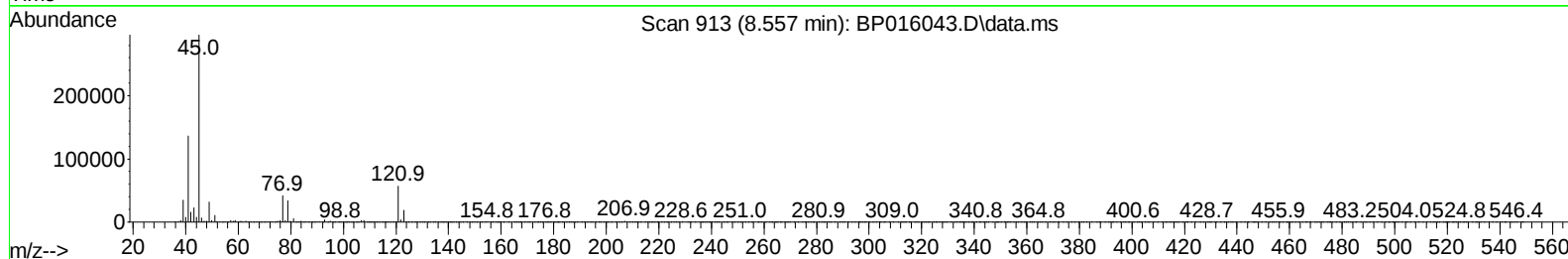
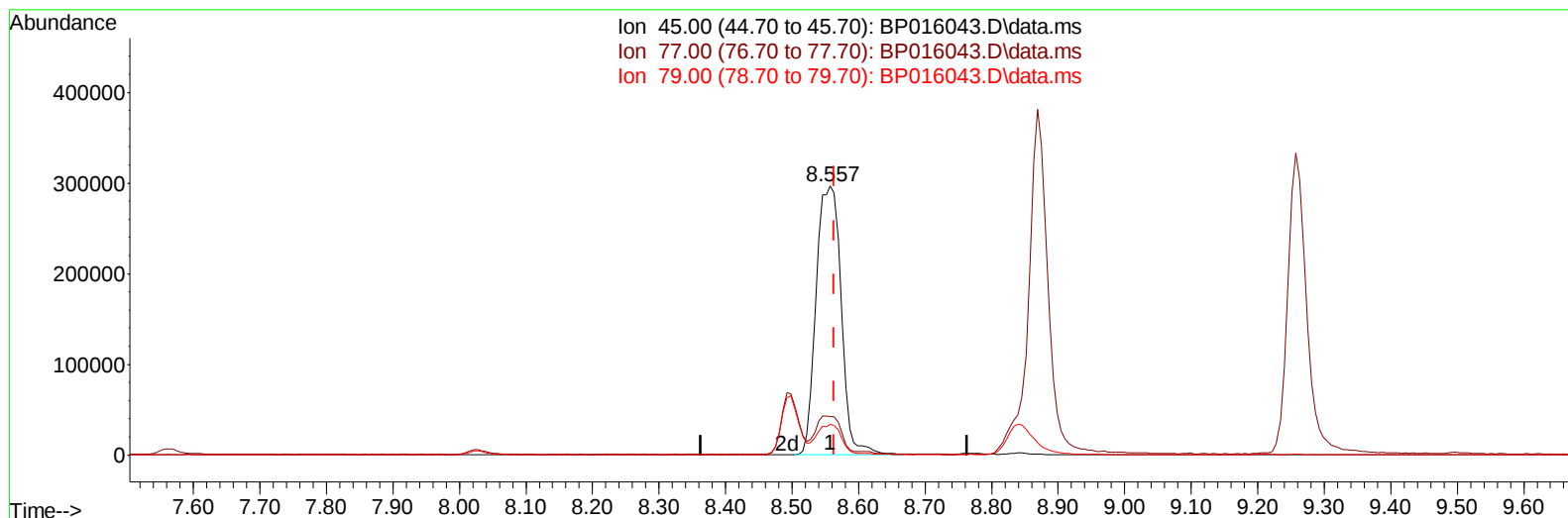
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 06 23:31:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



TIC: BP016043.D\data.ms

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

8.557min (-0.006) 29.11 ng/u1

response 773333

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.50	14.39
79.00	11.60	11.53
0.00	0.00	0.00

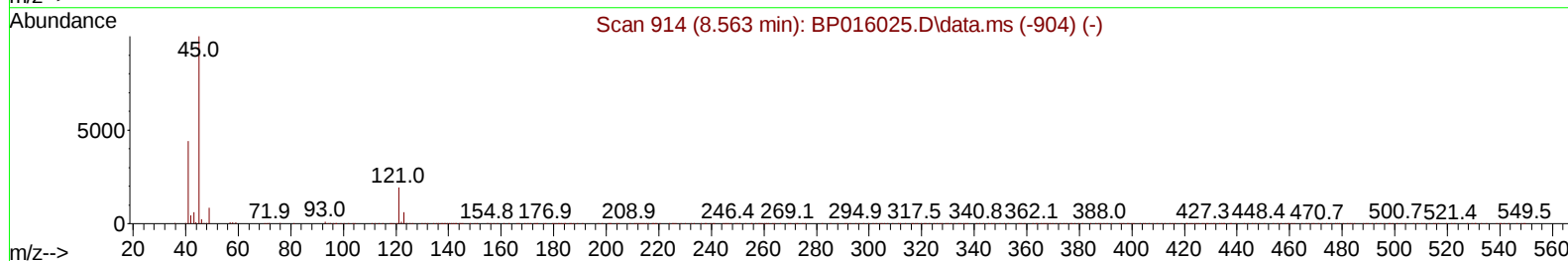
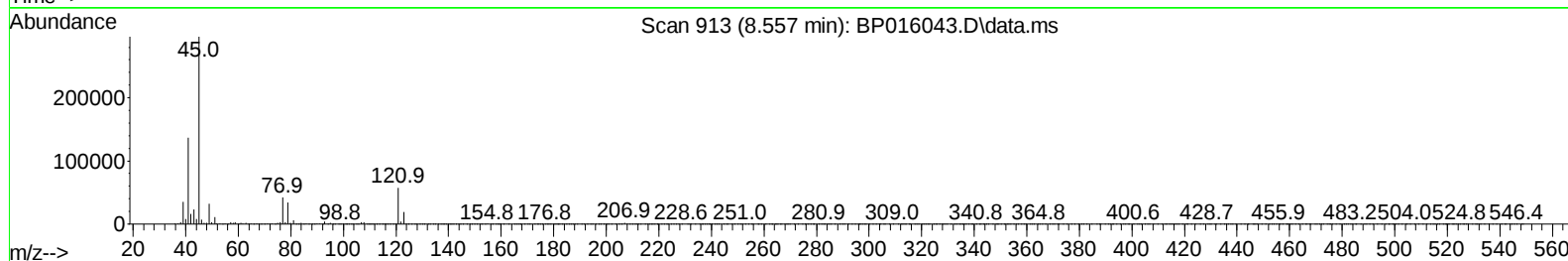
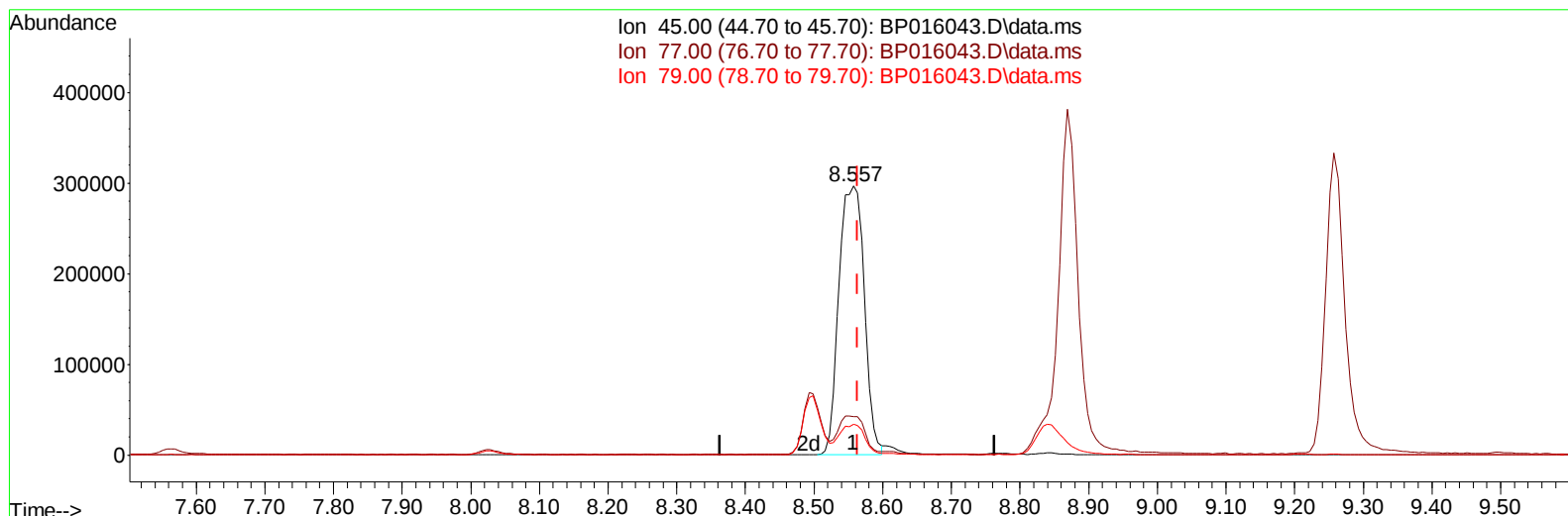
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 06 23:31:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



TIC: BP016043.D\data.ms

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

8.557min (-0.006) 28.61 ng/ul m

response 760037

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.50	14.39
79.00	11.60	11.53
0.00	0.00	0.00

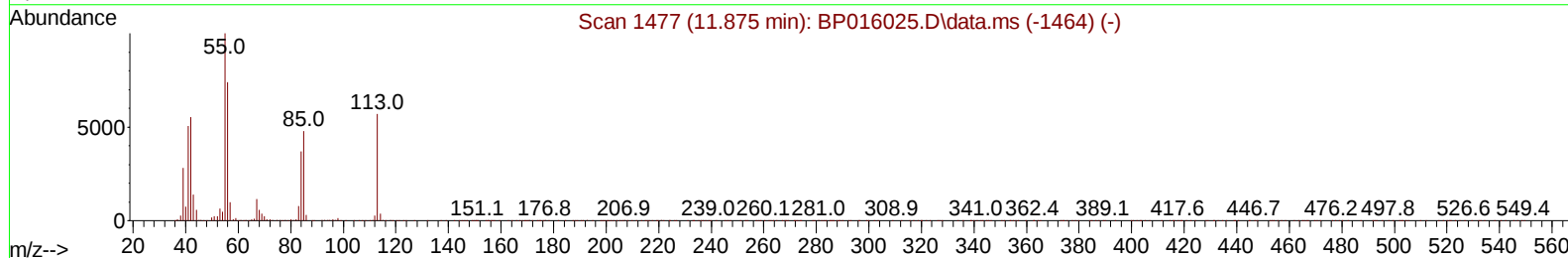
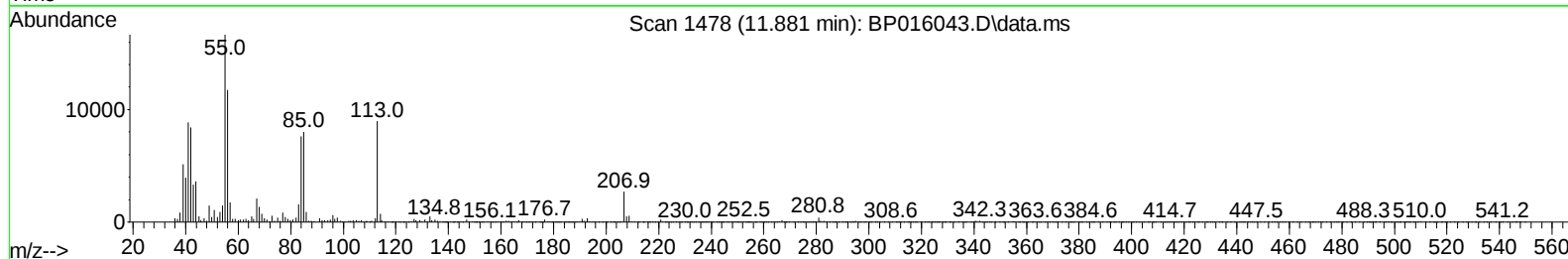
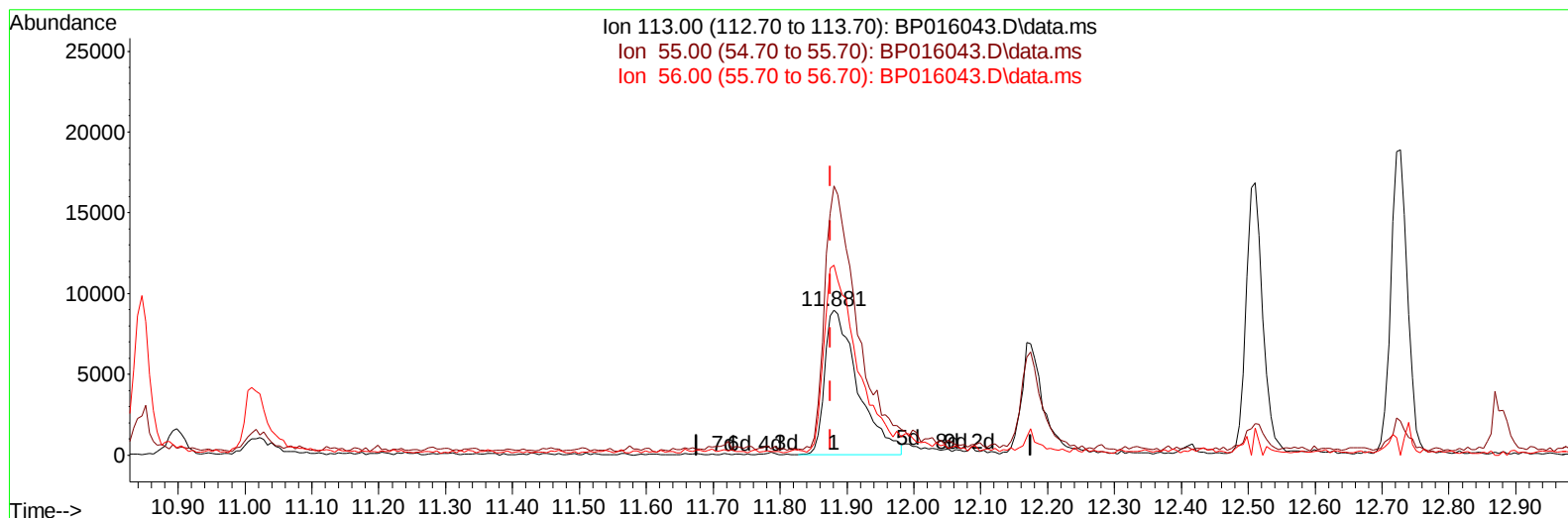
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 06 23:31:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



TIC: BP016043.D\data.ms

(34) Caprolactam

11.881min (+ 0.006) 5.18 ng/ul

response 30894

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	185.80
56.00	146.10	131.28
0.00	0.00	0.00

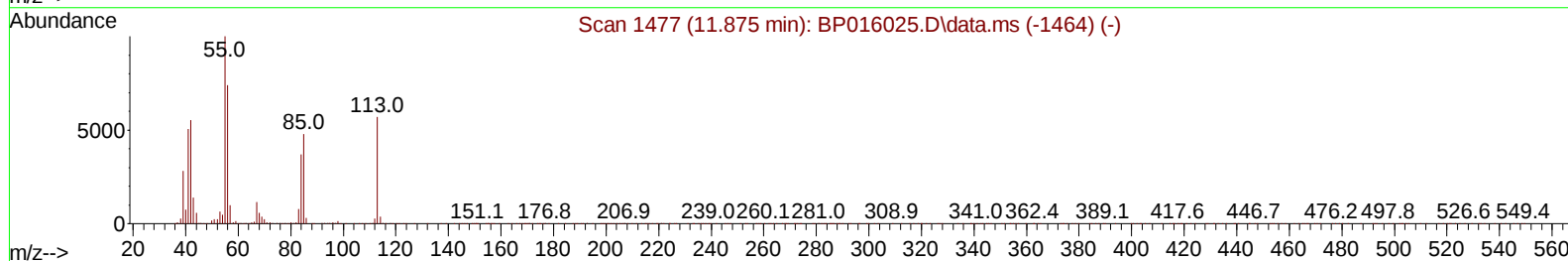
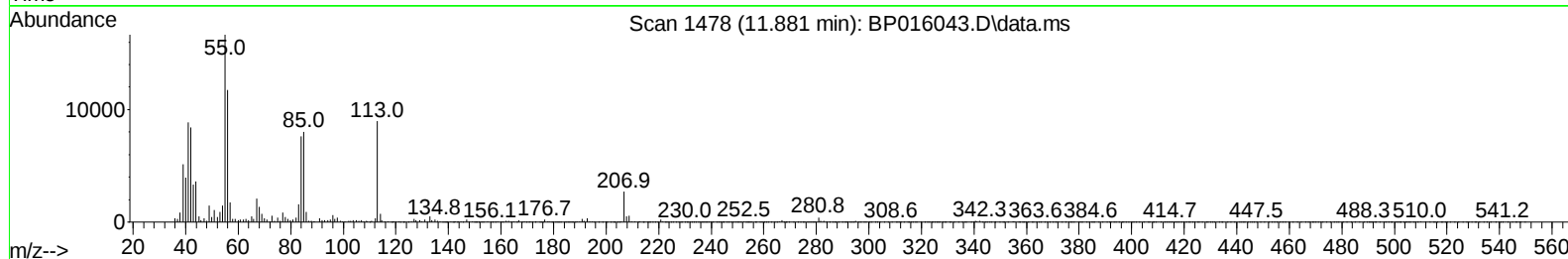
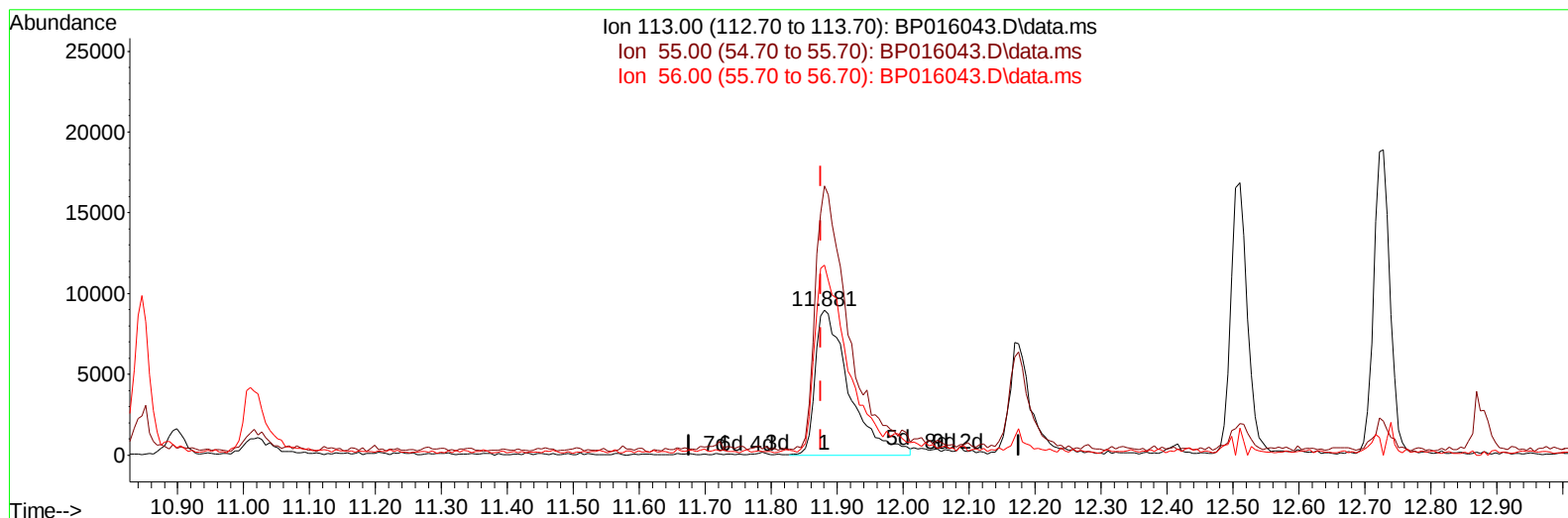
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 06 23:31:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



TIC: BP016043.D\data.ms

(34) Caprolactam

11.881min (+ 0.006) 5.38 ng/ul m

response 32106

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	185.80
56.00	146.10	131.28
0.00	0.00	0.00

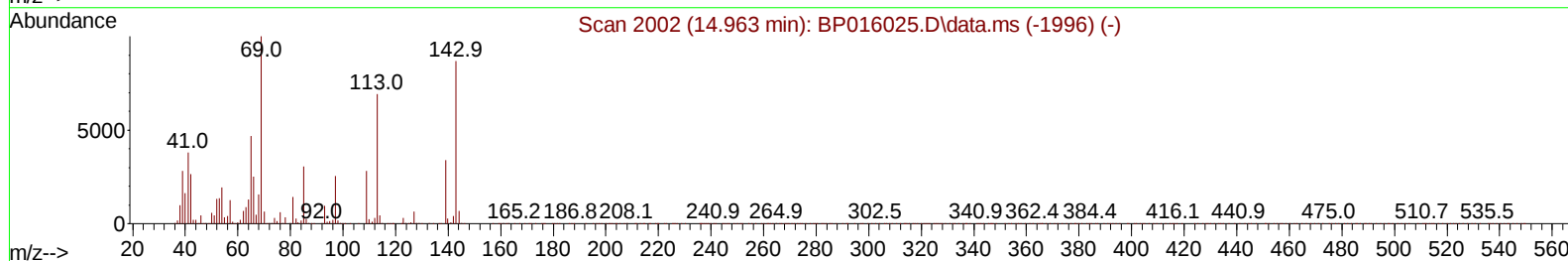
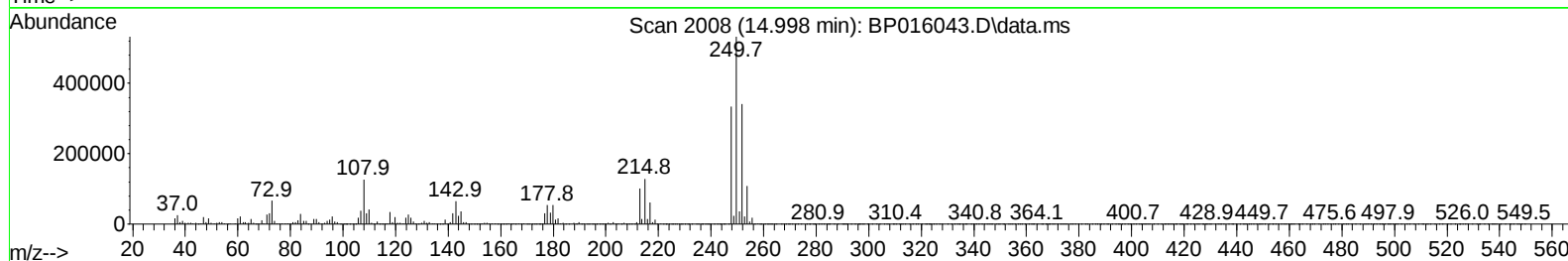
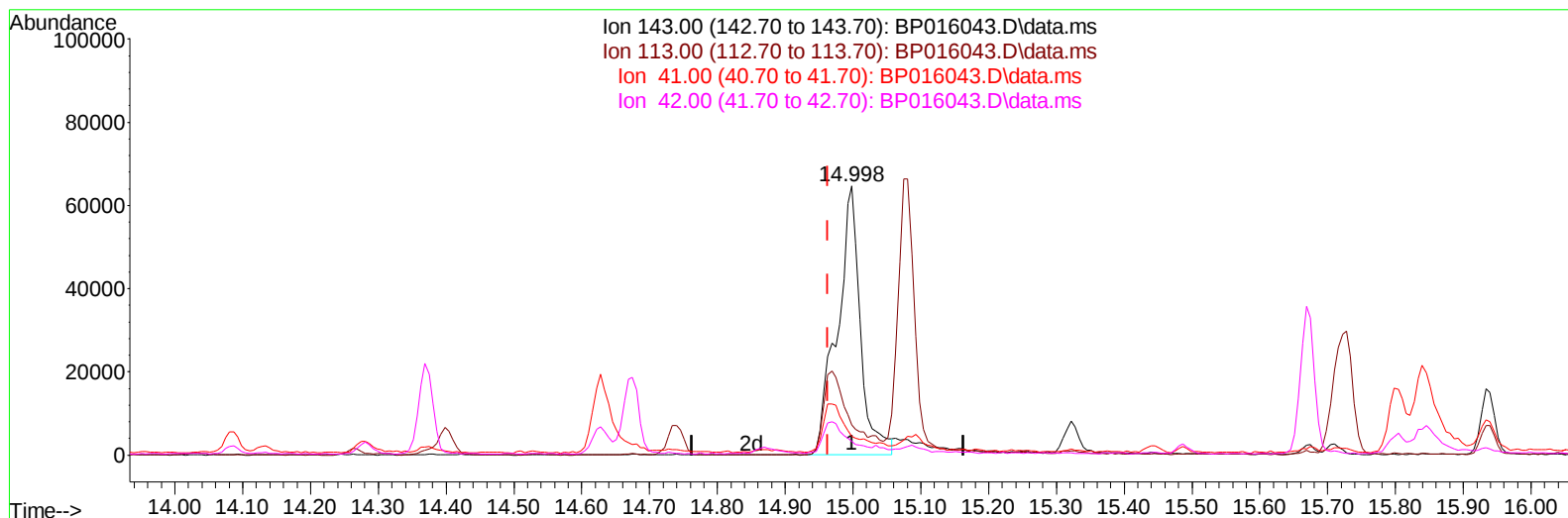
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 07 00:18:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



TIC: BP016043.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.998min (+ 0.035) 18.71 ng/ul

response 153541

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	11.15#
41.00	45.70	7.01#
42.00	31.20	5.17#

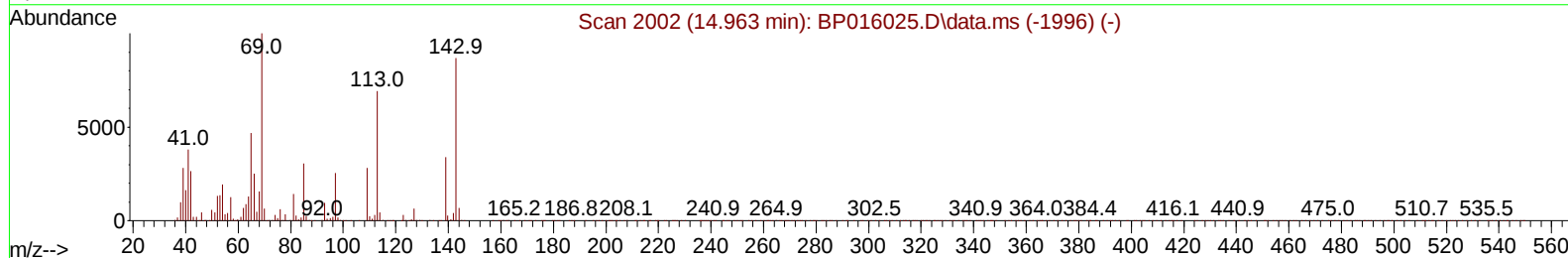
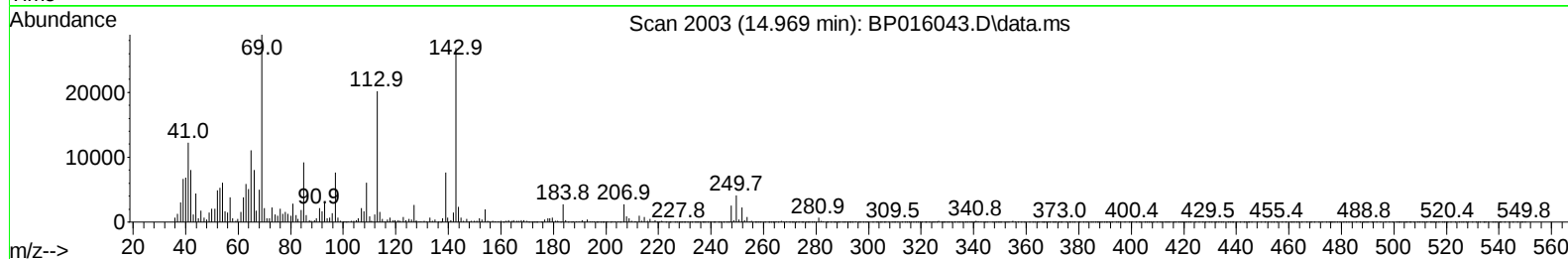
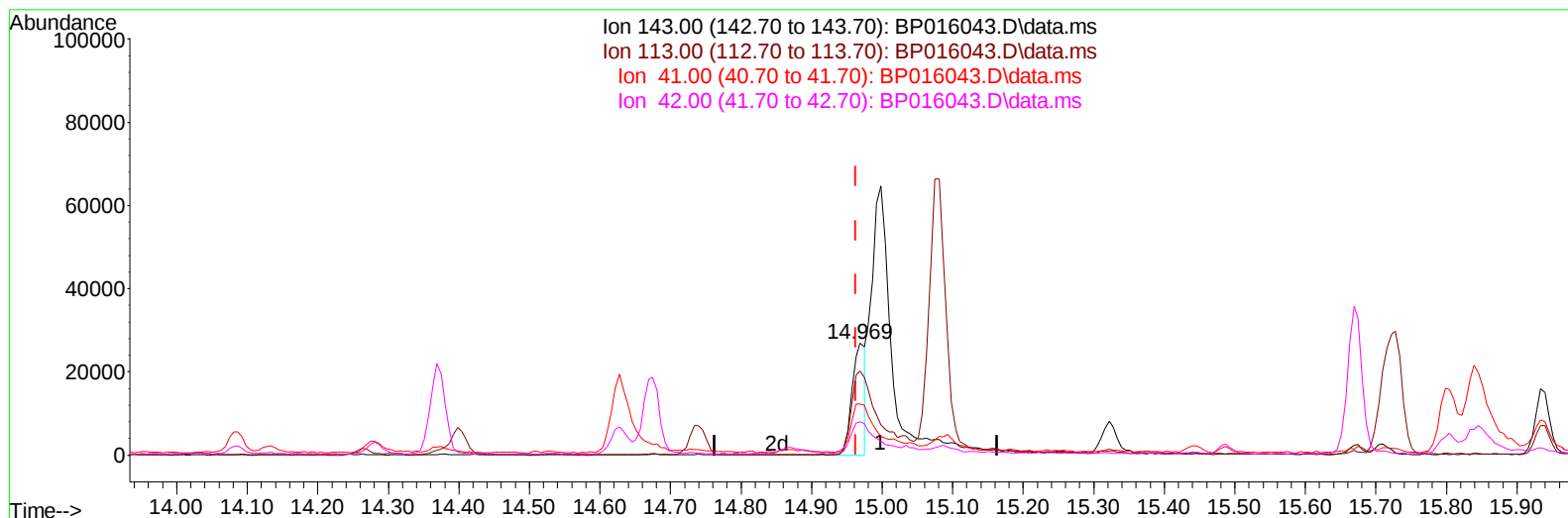
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 07 00:18:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023



TIC: BP016043.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.969min (+ 0.006) 4.29 ng/ul m

response 35171

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	75.13#
41.00	45.70	45.59
42.00	31.20	29.84

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 07 00:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	275348	20.000	ng/ul	0.00
20) Naphthalene-d8	10.845	136	1233720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	804512	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1840967	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1687521	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1602513	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	29638	3.873	ng/uL	0.00
4) Pyridine-d5	3.811	84	190562	9.878	ng/ul	0.00
7) Phenol-d5	7.222	99	190626	8.091	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	468982	32.176	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	436233	24.529	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	304504	16.361	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	294126	31.195	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	330090	29.997	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	552069	28.153	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	766417	30.425	ng/ul	0.00
46) Dimethylphthalate-d6	14.086	166	2226504	35.806	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	2300260	32.907	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	35171m	4.286	ng/ul	0.00
60) Fluorene-d10	15.669	176	1782893	34.821	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	386075	34.100	ng/ul	0.00
73) Anthracene-d10	17.539	188	2882625	34.279	ng/ul	0.00
81) Pyrene-d10	19.774	212	3574612	32.440	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	2947675	36.464	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	30408	3.692	ng/uL	99
5) Pyridine	3.828	79	159557	7.906	ng/ul	98
6) Benzaldehyde	7.175	77	401716	42.175	ng/ul	95
8) Phenol	7.252	94	151539	6.198	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.446	93	520937	26.781	ng/ul	97
12) 2-Chlorophenol	7.593	128	370221	19.595	ng/ul	97
13) 2-Methylphenol	8.499	108	290770	15.753	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	760037m	28.608	ng/ul	
16) Acetophenone	8.869	105	842404	27.535	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.846	70	474106	27.902	ng/ul	99
18) 4-Methylphenol	8.840	108	275294	13.881	ng/ul	96
19) Hexachloroethane	9.093	117	179610	20.583	ng/ul	99
22) Nitrobenzene	9.257	77	653790	24.692	ng/ul	93
23) Isophorone	9.781	82	1367406	26.987	ng/ul	97
25) 2-Nitrophenol	9.975	139	295911	25.338	ng/ul	91
26) 2,4-Dimethylphenol	10.034	107	399810	15.573	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.257	93	785256	27.454	ng/ul	99
29) 2,4-Dichlorophenol	10.528	162	466116	23.909	ng/ul	99
30) Naphthalene	10.898	128	1657439	24.713	ng/ul	99
32) 4-Chloroaniline	11.040	127	617010	23.575	ng/ul	100
33) Hexachlorobutadiene	11.157	225	311819	21.180	ng/ul	99
34) Caprolactam	11.881	113	32106m	5.384	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	501289	21.967	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 07 00:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.510	142	1165844	26.406	ng/ul	98
37) 1-Methylnaphthalene	12.728	142	1208204	26.825	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.881	216	692713	26.129	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	100483	12.669	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	448723	26.782	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	486850	27.395	ng/ul	97
43) 1,1'-Biphenyl	13.510	154	1678663	26.343	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1310969	26.115	ng/ul	97
45) 2-Nitroaniline	13.792	65	466316	29.523	ng/ul	92
47) Dimethylphthalate	14.134	163	1907083	29.635	ng/ul	98
48) 2,6-Dinitrotoluene	14.281	165	405721	31.081	ng/ul	94
50) Acenaphthylene	14.398	152	2105376	27.335	ng/ul	99
51) 3-Nitroaniline	14.628	138	361363	35.301	ng/ul	99
52) Acenaphthene	14.739	153	1472634	27.572	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	189028	27.294	ng/ul#	81
55) 4-Nitrophenol	14.998	109	69421	8.164	ng/ul#	36
56) Dibenzofuran	15.081	168	2102905	28.363	ng/ul	94
57) 2,4-Dinitrotoluene	15.092	165	573124	32.218	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.322	232	464046	30.400	ng/ul	93
59) Diethylphthalate	15.486	149	1970130	30.252	ng/ul	98
61) Fluorene	15.728	166	1757331	29.221	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	883655	28.716	ng/ul	93
63) 4-Nitroaniline	15.804	138	336758	48.066	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.857	198	331001	28.895	ng/ul	100
67) N-Nitrosodiphenylamine	15.933	169	1529277	27.748	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	609075	28.973	ng/ul	88
69) Hexachlorobenzene	16.739	284	751791	30.308	ng/ul	93
70) Atrazine	16.898	200	516077	24.463	ng/ul	96
71) Pentachlorophenol	17.110	266	339132	28.486	ng/ul	96
72) Phenanthrene	17.480	178	2952772	29.524	ng/ul	100
74) Anthracene	17.580	178	2923147	29.088	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	708730	23.659	ng/uL	99
76) Pentachlorobenzene	14.998	250	788834	26.091	ng/uL	100
77) Carbazole	17.863	167	2756738	32.546	ng/ul	98
78) Di-n-butylphthalate	18.369	149	3542192	31.545	ng/ul	99
80) Fluoranthene	19.445	202	3618392	26.422	ng/ul	97
82) Pyrene	19.804	202	3739094	26.766	ng/ul	95
83) Butylbenzylphthalate	20.645	149	1600471	28.082	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	1128745	29.589	ng/ul	99
85) Benzo(a)anthracene	21.516	228	3396633	28.613	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	2394129	30.567	ng/ul	98
87) Chrysene	21.574	228	3426358	30.422	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	3653540	31.197	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	3061381	29.731	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	3344386	32.146	ng/ul	98
93) Benzo(a)pyrene	23.962	252	2679051	29.776	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.768	276	2965191	24.277	ng/ul	96
95) Dibenzo(a,h)anthracene	26.768	278	2485619	24.776	ng/ul	98
96) Benzo(g,h,i)perylene	27.615	276	2348603	23.374	ng/ul	99

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

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023

