

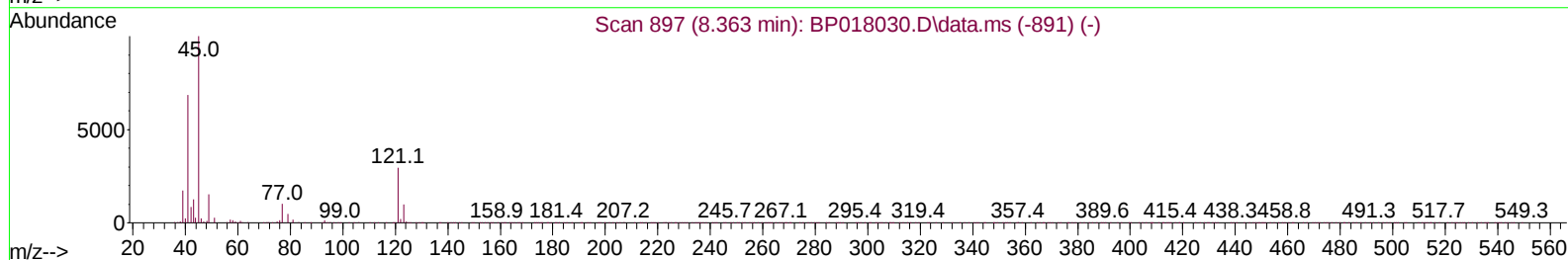
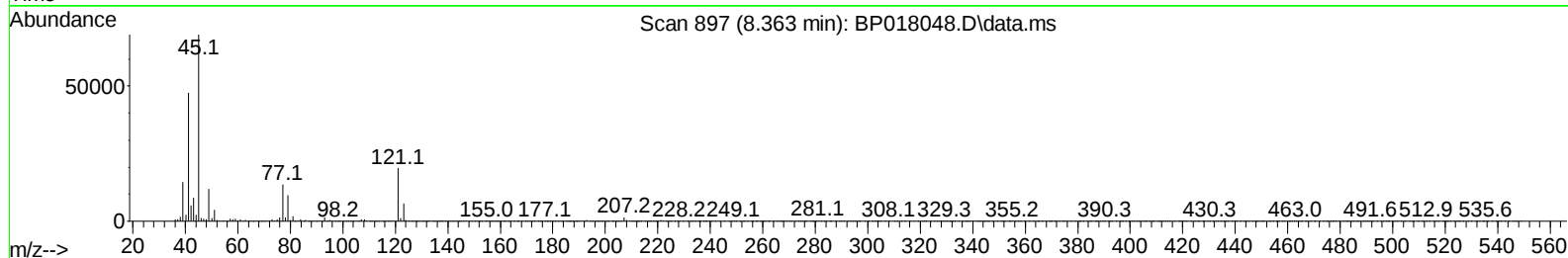
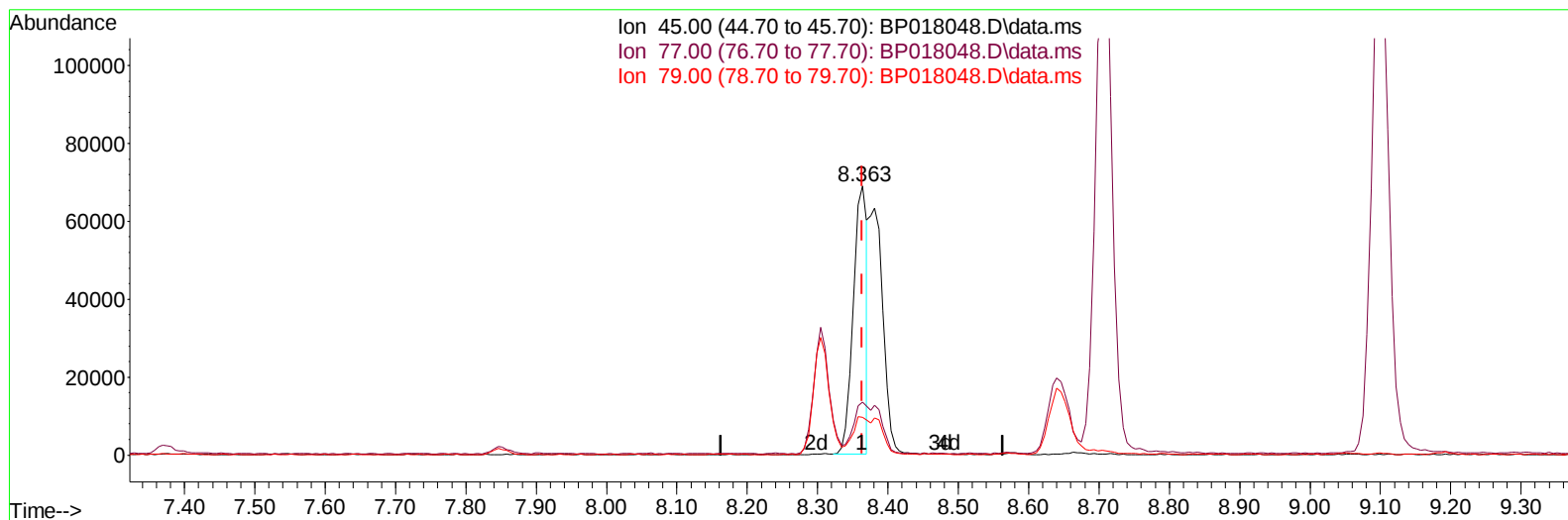
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018048.D
 Acq On : 11 Nov 2023 04:30
 Operator : MA/JU
 Sample : 05044-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHEE3MS

Manual IntegrationsAPPROVED

Quant Time: Nov 11 19:27:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/12/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018048.D\data.ms

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

8.363min (+ 0.000) 17.06 ng/u1

response 93668

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.80
79.00	13.90	14.03
0.00	0.00	0.00

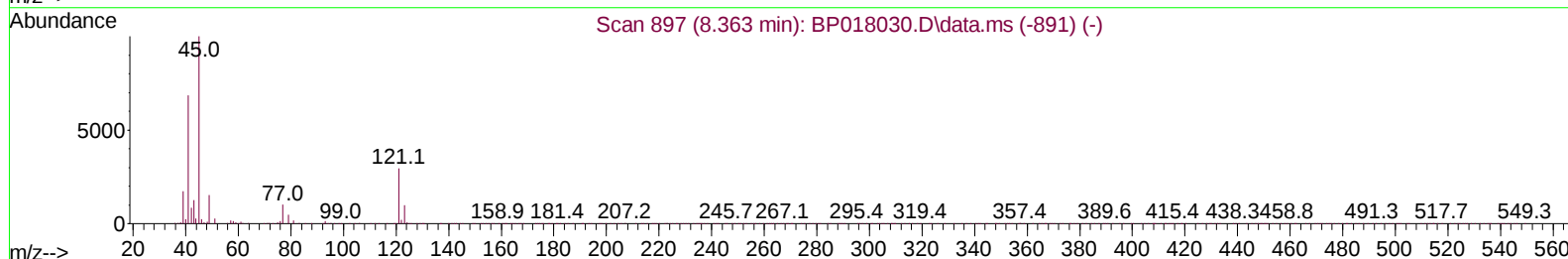
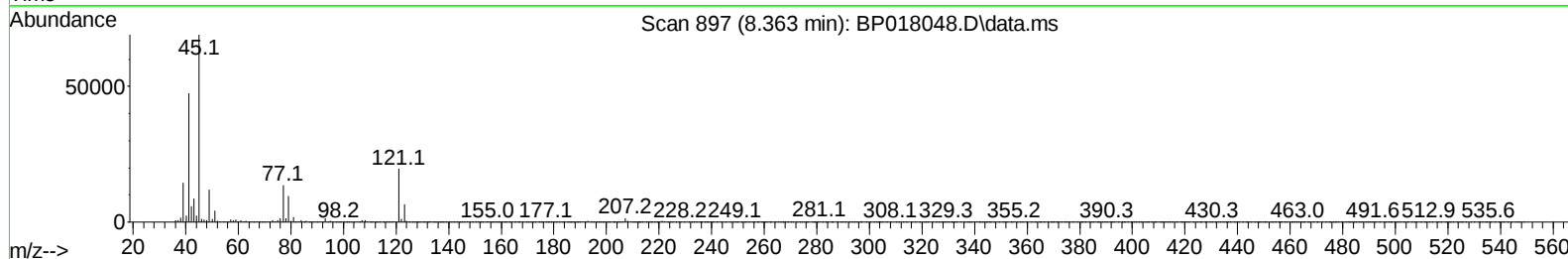
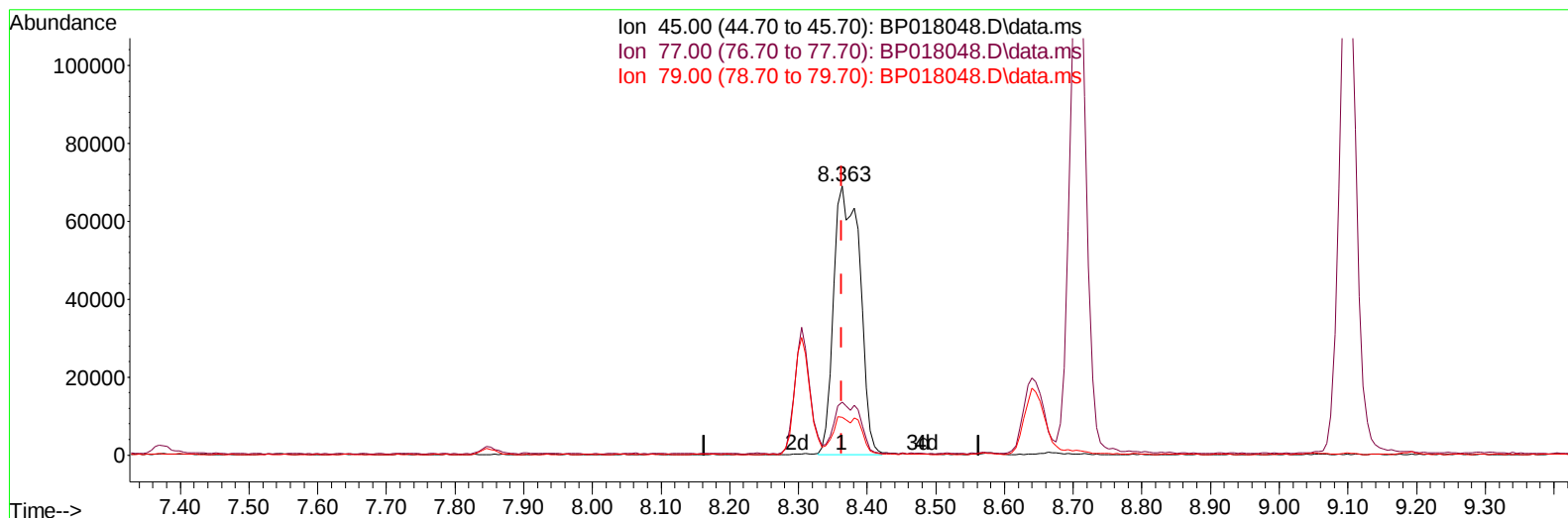
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TIC: BP018048.D\data.ms

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

8.363min (+ 0.000) 33.01 ng/ul m

response 181168

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.80
79.00	13.90	14.03
0.00	0.00	0.00

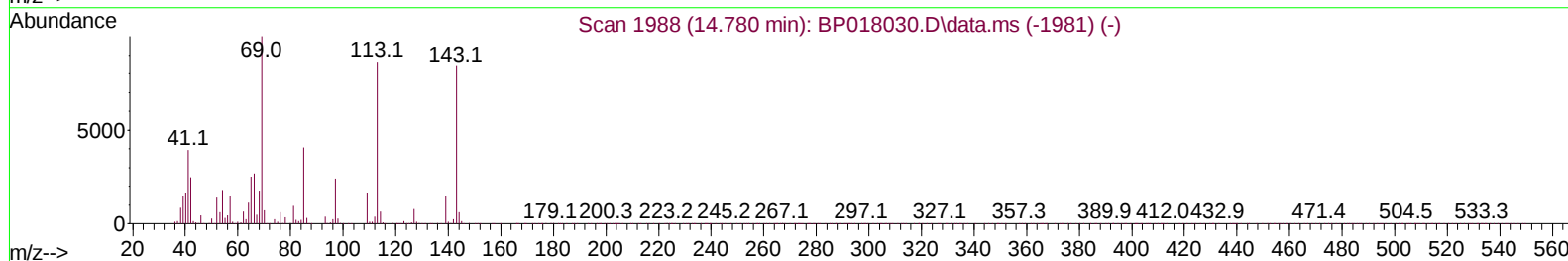
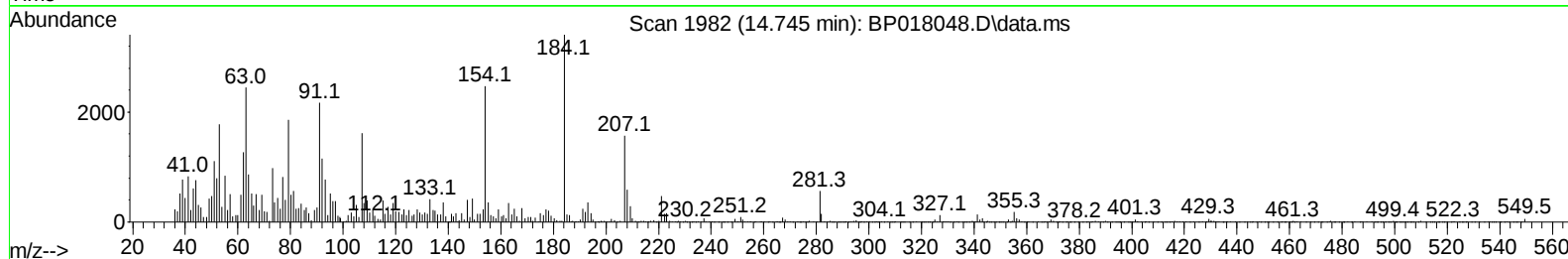
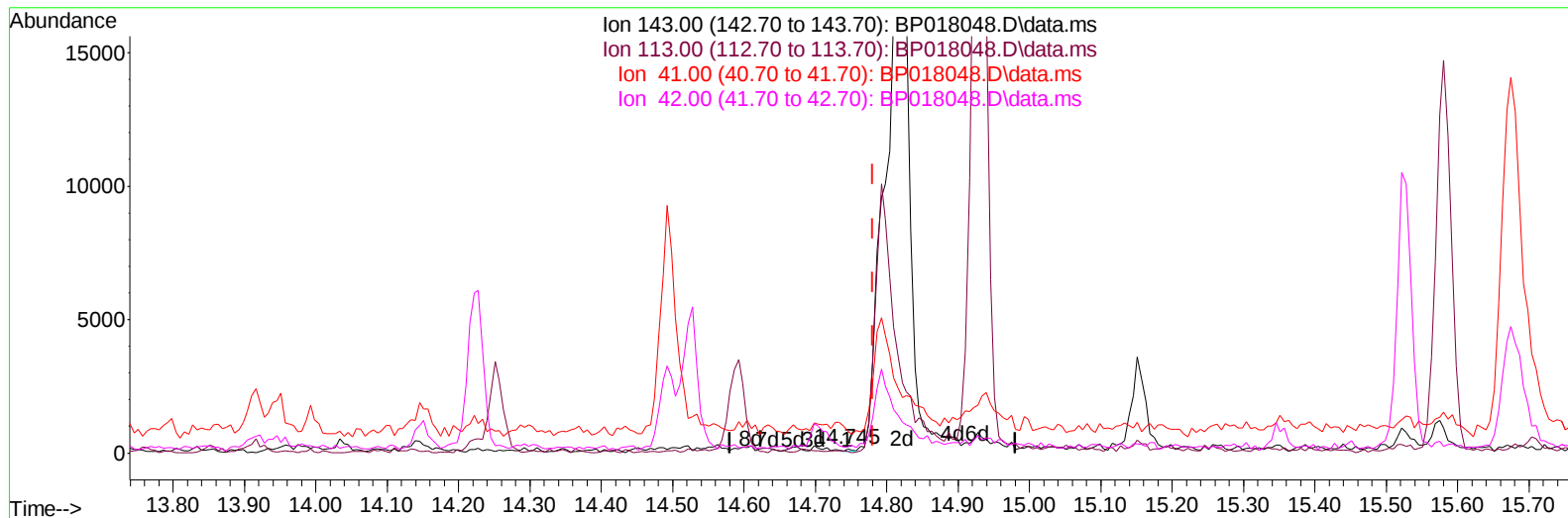
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TIC: BP018048.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (-0.035) 0.02 ng/u1

response 52

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	103.00	36.47#
41.00	47.70	486.47#
42.00	30.10	127.06#

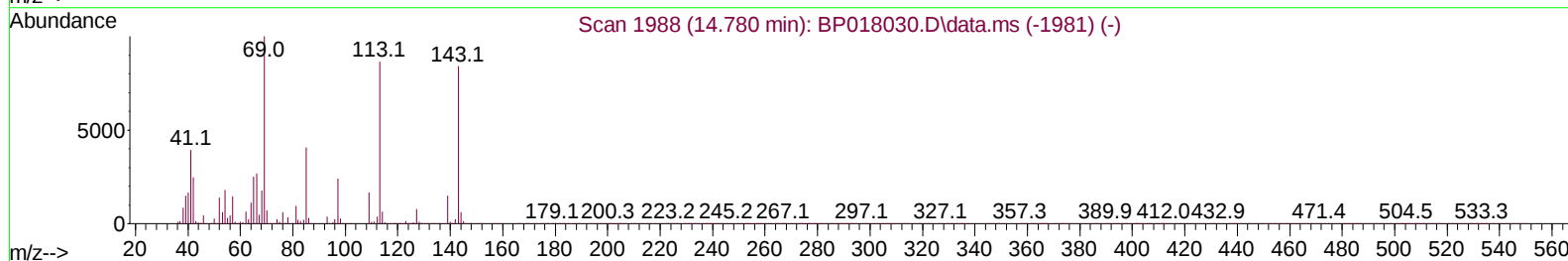
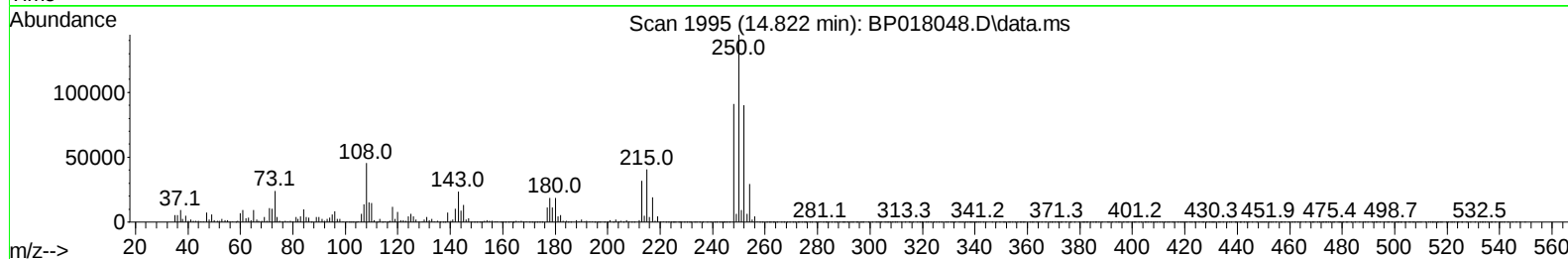
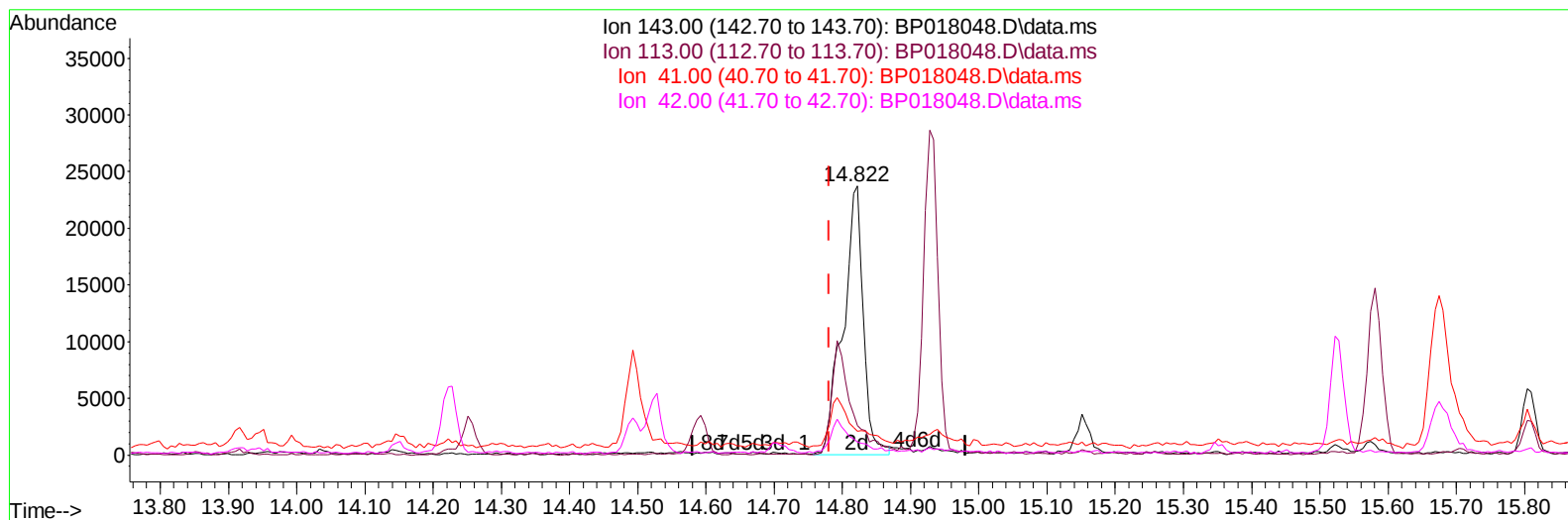
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Instrument :
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TIC: BP018048.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.822min (+ 0.041) 20.67 ng/ul m

response 49108

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	103.00	11.07#
41.00	47.70	8.80#
42.00	30.10	4.85#

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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
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 BHEE3MS

Manual IntegrationsAPPROVED

Quant Time: Nov 11 19:29:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 11/12/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	65063	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	268155	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	172314	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	390251	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	382980	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	425880	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	6244	3.385	ng/uL	0.00
4) Pyridine-d5	3.670	84	54520	11.337	ng/ul	0.00
7) Phenol-d5	7.022	99	42039	6.693	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	110343	29.892	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	112455	22.608	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	77193	14.997	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	75058	31.068	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	81497	29.776	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	139845	28.667	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	163105	24.381	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	516017	32.456	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	540894	31.235	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	49108m	20.670	ng/ul	0.04
60) Fluorene-d10	15.528	176	432773	32.970	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	103095	36.543	ng/ul	0.00
73) Anthracene-d10	17.404	188	728603	34.521	ng/ul	0.00
81) Pyrene-d10	19.657	212	898345	35.117	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.768	264	890989	35.980	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	11545	5.736	ng/uL	95
5) Pyridine	3.687	79	63873	12.869	ng/ul	97
6) Benzaldehyde	7.016	77	119196	35.235	ng/ul	99
8) Phenol	7.046	94	47719	7.701	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.293	93	158928	33.060	ng/ul	97
12) 2-Chlorophenol	7.405	128	127416	25.512	ng/ul	98
13) 2-Methylphenol	8.305	108	94743	20.236	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.363	45	181168m	33.005	ng/ul	
16) Acetophenone	8.705	105	266326	32.551	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	145106	32.485	ng/ul	95
18) 4-Methylphenol	8.640	108	91272	17.876	ng/ul	98
19) Hexachloroethane	8.899	117	74300	31.094	ng/ul	93
22) Nitrobenzene	9.099	77	226183	34.673	ng/ul	95
23) Isophorone	9.605	82	398834	33.506	ng/ul	97
25) 2-Nitrophenol	9.799	139	94542	33.614	ng/ul	99
26) 2,4-Dimethylphenol	9.846	107	136739	22.855	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.099	93	217299	33.476	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	150273	32.259	ng/ul	99
30) Naphthalene	10.722	128	541289	33.192	ng/ul	100
32) 4-Chloroaniline	10.875	127	164596	25.687	ng/ul	98
33) Hexachlorobutadiene	10.940	225	108995	31.872	ng/ul	97
34) Caprolactam	11.716	113	18150	11.729	ng/ul	96
35) 4-Chloro-3-methylphenol	11.981	107	168732	30.108	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	374286	33.431	ng/ul	98
37) 1-Methylnaphthalene	12.557	142	376160	32.696	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	199497	34.271	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	69253	24.647	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	136803	35.825	ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	151604	37.723	ng/ul	97
43) 1,1'-Biphenyl	13.357	154	509175	34.750	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	406559	34.949	ng/ul	98
45) 2-Nitroaniline	13.657	65	156776	41.763	ng/ul	99
47) Dimethylphthalate	13.993	163	579556	37.160	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	120526	38.880	ng/ul	98
50) Acenaphthylene	14.257	152	698226	35.713	ng/ul	99
51) 3-Nitroaniline	14.492	138	115519	40.159	ng/ul	92
52) Acenaphthene	14.592	153	465095	35.875	ng/ul	97
53) 2,4-Dinitrophenol	14.710	184	67749	40.062	ng/ul	98
55) 4-Nitrophenol	14.816	109	36931	11.711	ng/ul#	54
56) Dibenzofuran	14.928	168	652763	36.742	ng/ul	98
57) 2,4-Dinitrotoluene	14.940	165	189656	40.949	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.151	232	135083	37.785	ng/ul#	97
59) Diethylphthalate	15.351	149	621006	38.113	ng/ul	100
61) Fluorene	15.587	166	559343	37.084	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	271588	36.743	ng/ul	99
63) 4-Nitroaniline	15.669	138	124876	46.004	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.698	198	120932	41.309	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	470059	37.558	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	165831	37.702	ng/ul	96
69) Hexachlorobenzene	16.563	284	187187	38.139	ng/ul	95
70) Atrazine	16.769	200	147501	33.786	ng/ul	98
71) Pentachlorophenol	16.934	266	121533	40.794	ng/ul	99
72) Phenanthrene	17.351	178	954603	39.839	ng/ul	100
74) Anthracene	17.445	178	957093	39.141	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	200974	33.724	ng/uL	99
76) Pentachlorobenzene	14.822	250	196643	33.706	ng/uL	96
77) Carbazole	17.739	167	904057	42.575	ng/ul	100
78) Di-n-butylphthalate	18.245	149	1079767	40.077	ng/ul	99
80) Fluoranthene	19.328	202	1179022	39.464	ng/ul	99
82) Pyrene	19.686	202	1221474	39.017	ng/ul	99
83) Butylbenzylphthalate	20.551	149	537836	40.852	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.357	252	283060	30.936	ng/ul	96
85) Benzo(a)anthracene	21.416	228	1239791	40.090	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	736875	40.595	ng/ul	99
87) Chrysene	21.469	228	1155047	39.923	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	1269458	39.858	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	1205363	39.770	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	1232400	40.415	ng/ul	99
93) Benzo(a)pyrene	23.821	252	1154608	40.339	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	1407846	41.010	ng/ul	98
95) Dibenzo(a,h)anthracene	26.621	278	1168179	41.328	ng/ul	99
96) Benzo(g,h,i)perylene	27.427	276	1129196	41.125	ng/ul	97

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

Instrument :

BNA_P

ClientSampleId :

BHEE3MS

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/15/2023

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