

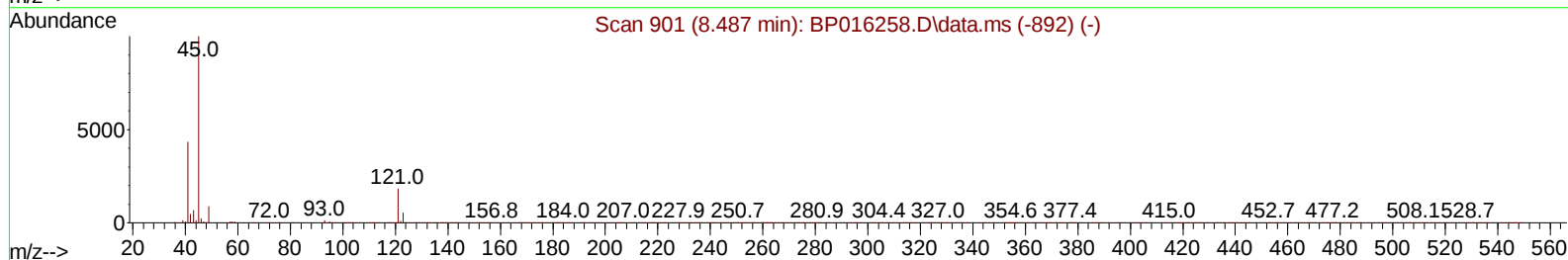
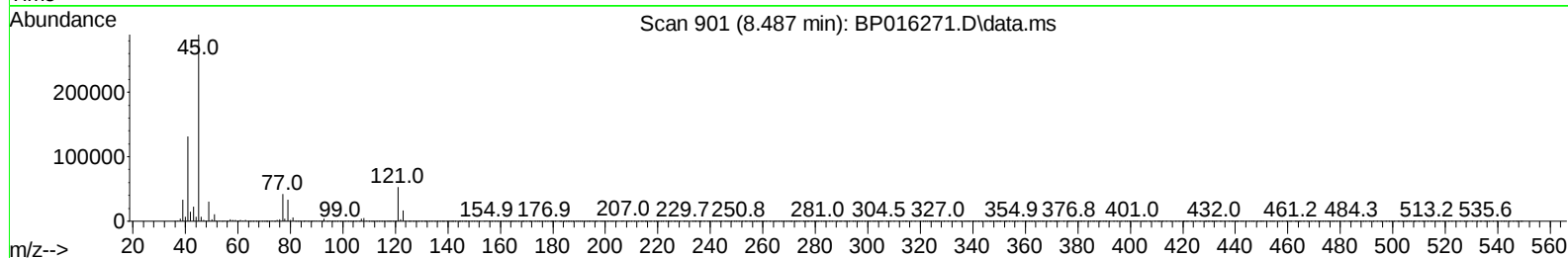
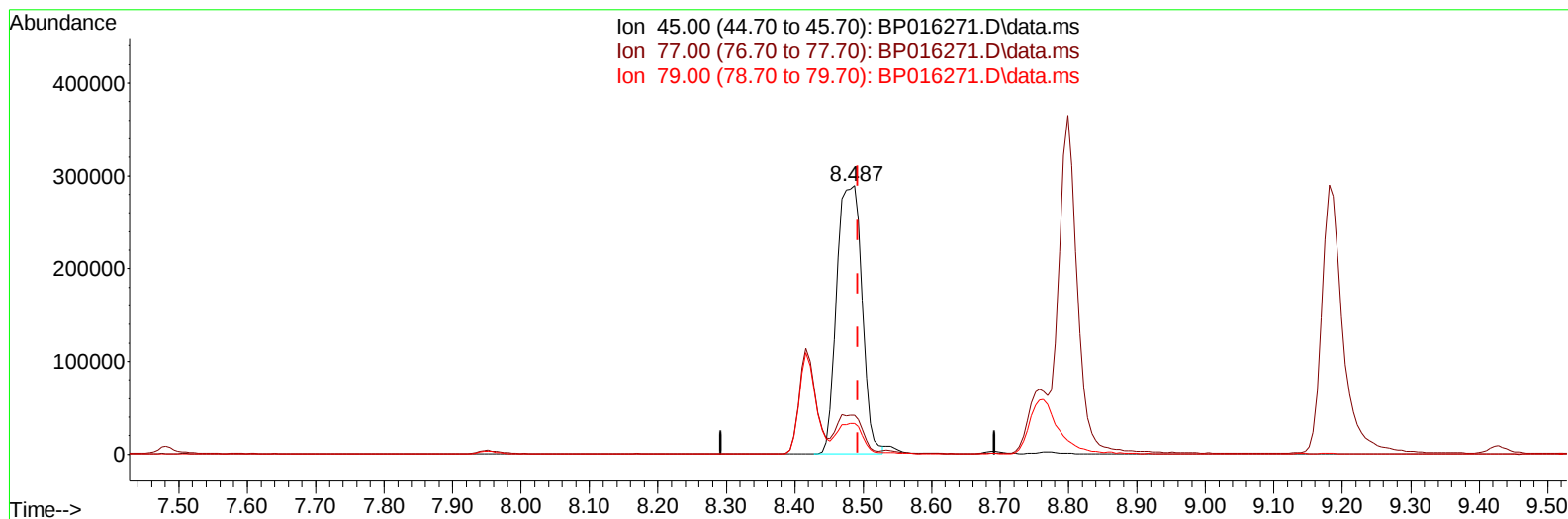
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016271.D
 Acq On : 18 Jul 2023 01:12
 Operator : MA/JU
 Sample : PB153940BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS940

Manual IntegrationsAPPROVED

Quant Time: Jul 18 04:03:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016271.D\data.ms

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

8.487min (-0.006) 28.01 ng/u1

response 739534

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	14.43
79.00	10.90	11.55
0.00	0.00	0.00

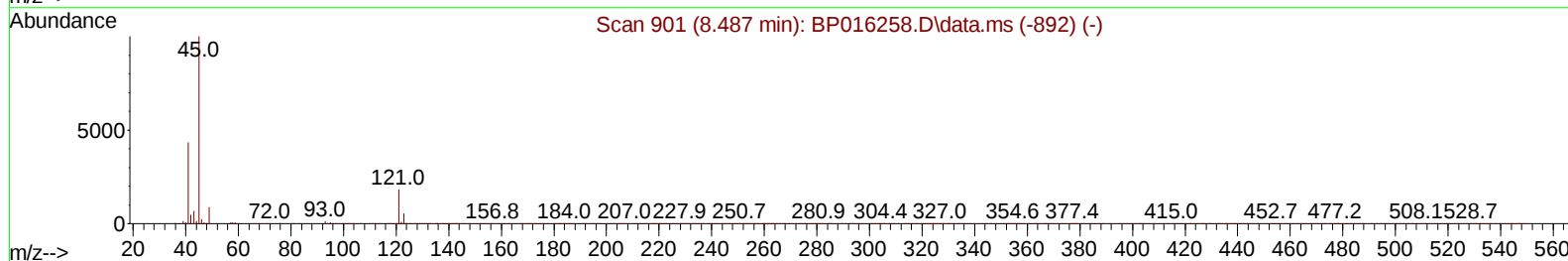
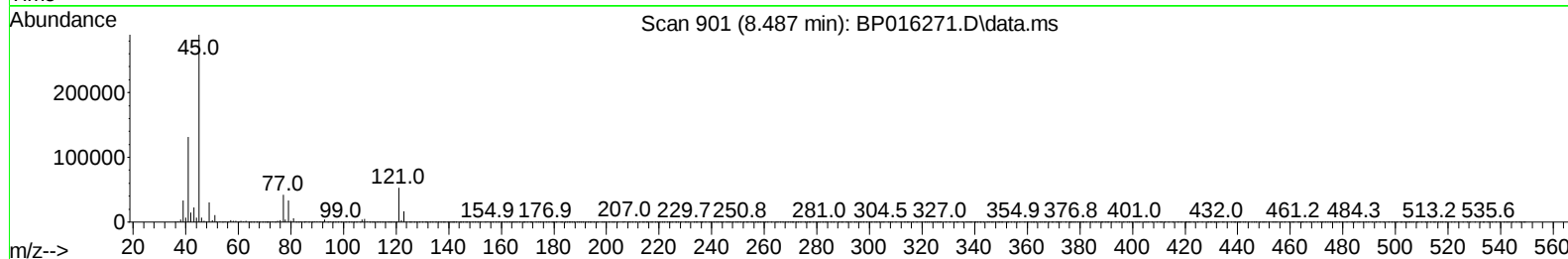
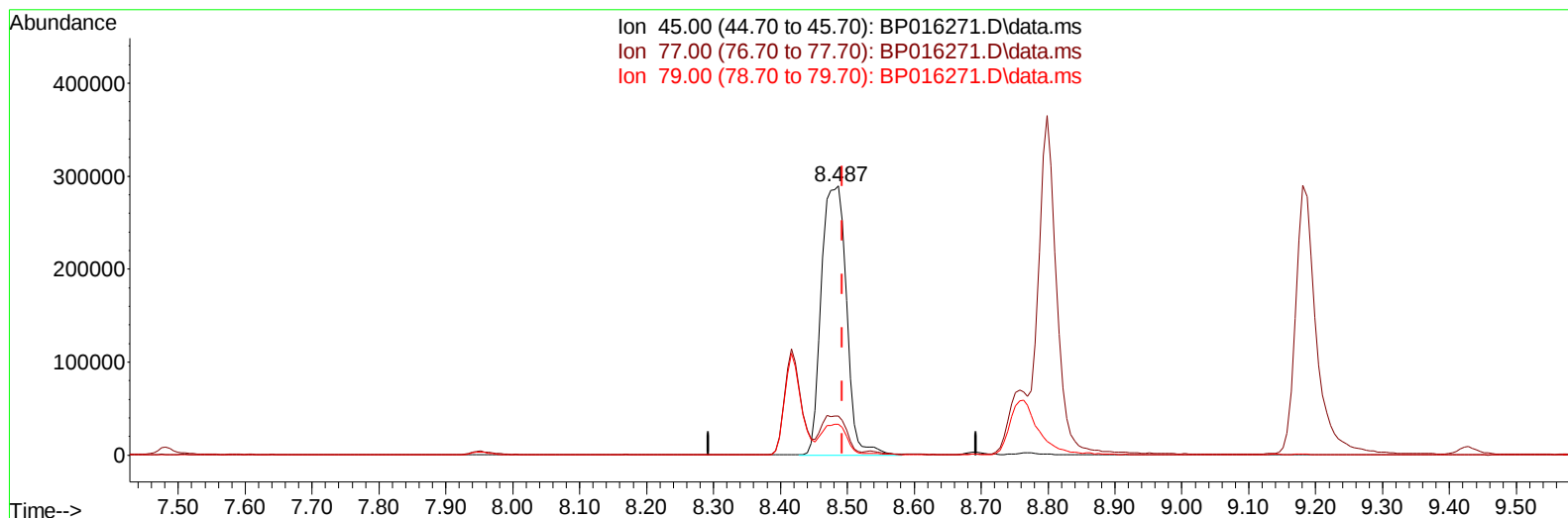
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016271.D
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 Operator : MA/JU
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Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016271.D\data.ms

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

8.487min (-0.006) 28.57 ng/ul m

response 754262

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	14.43
79.00	10.90	11.55
0.00	0.00	0.00

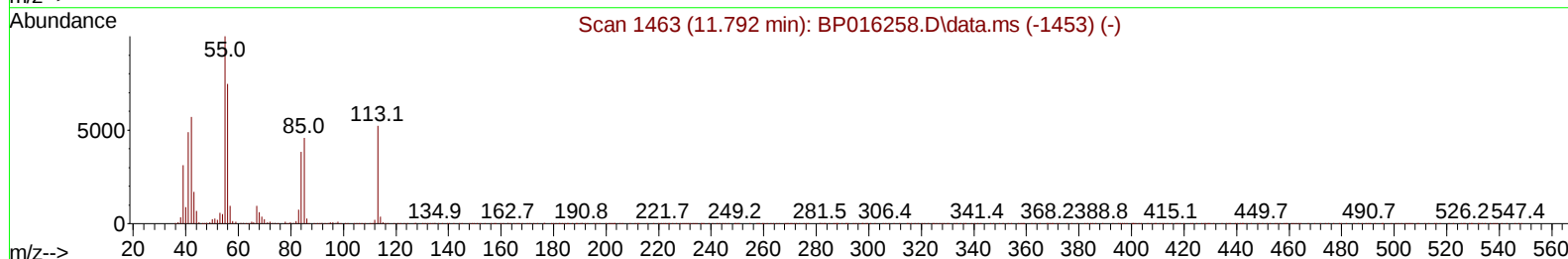
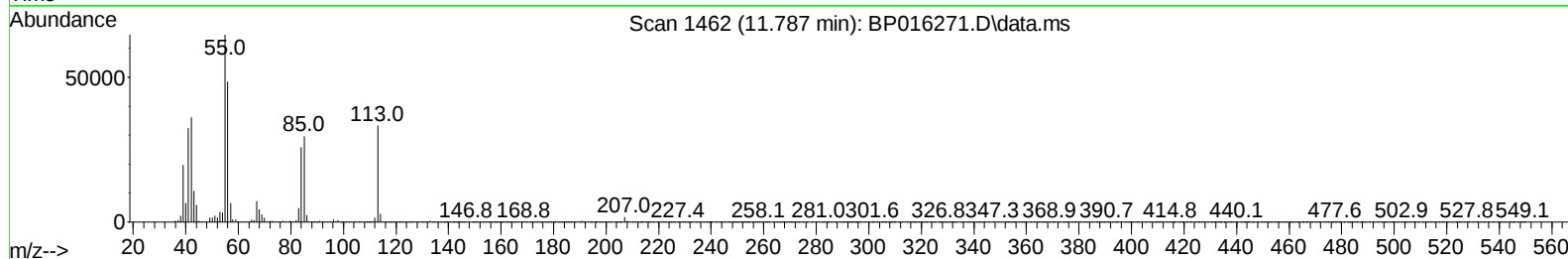
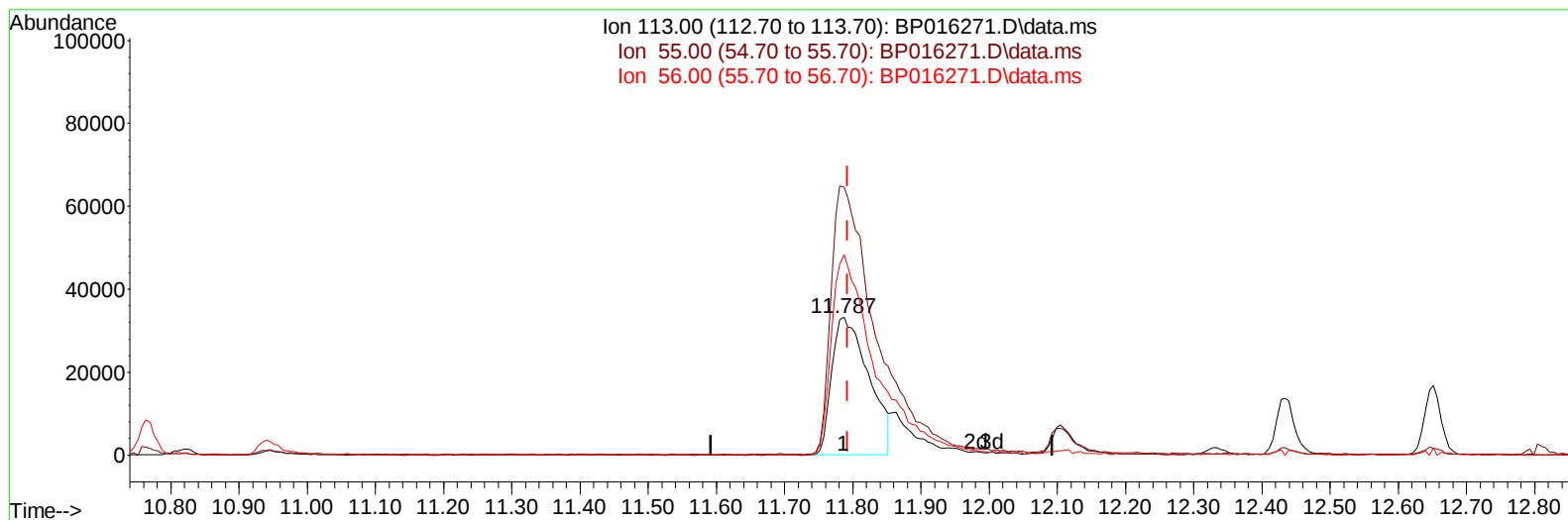
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TIC: BP016271.D\data.ms

(34) Caprolactam

11.787min (-0.006) 24.58 ng/ul

response 125779

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.80	194.68
56.00	129.70	145.89
0.00	0.00	0.00

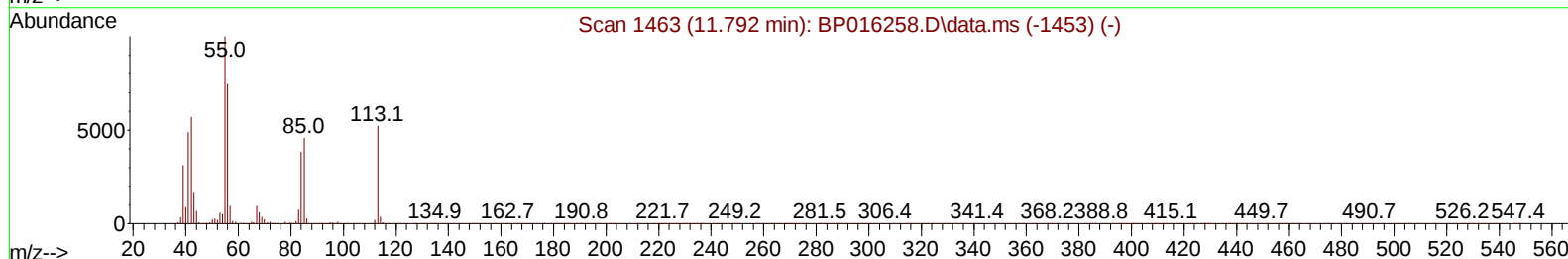
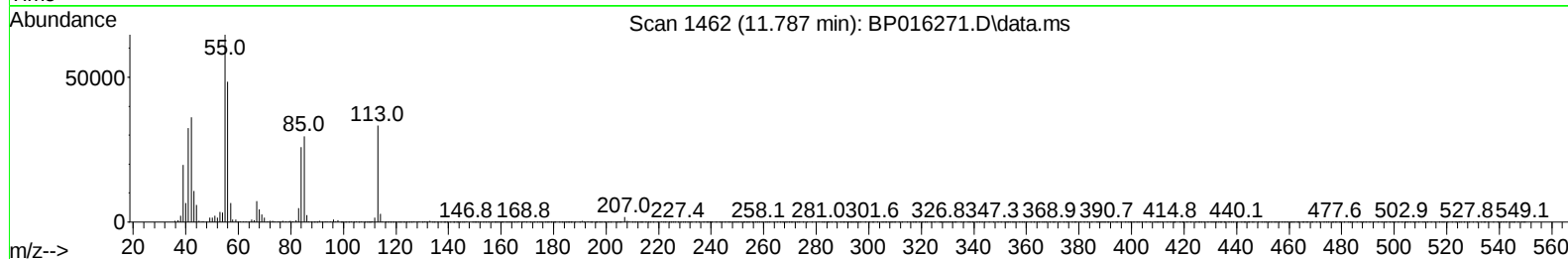
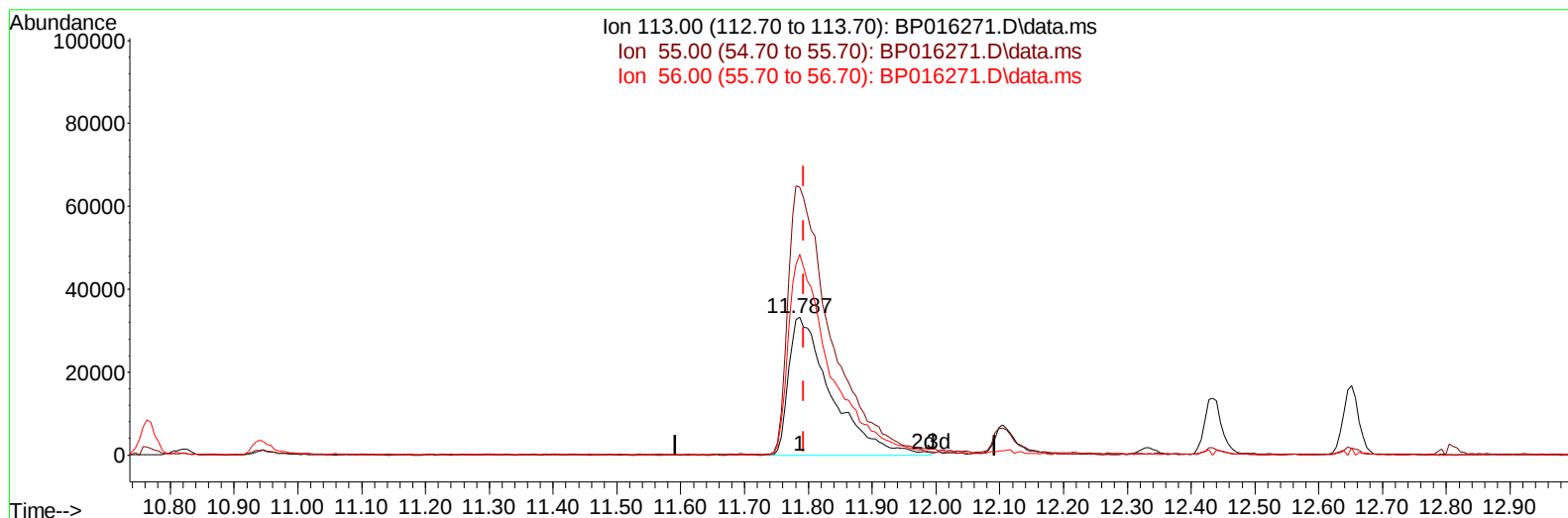
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TIC: BP016271.D\data.ms

(34) Caprolactam

11.787min (-0.006) 30.28 ng/ul m

response 154961

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.80	194.68
56.00	129.70	145.89
0.00	0.00	0.00

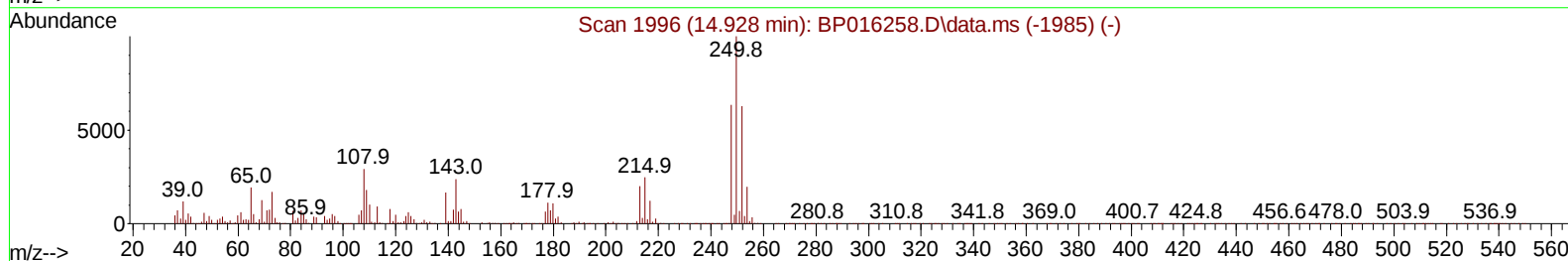
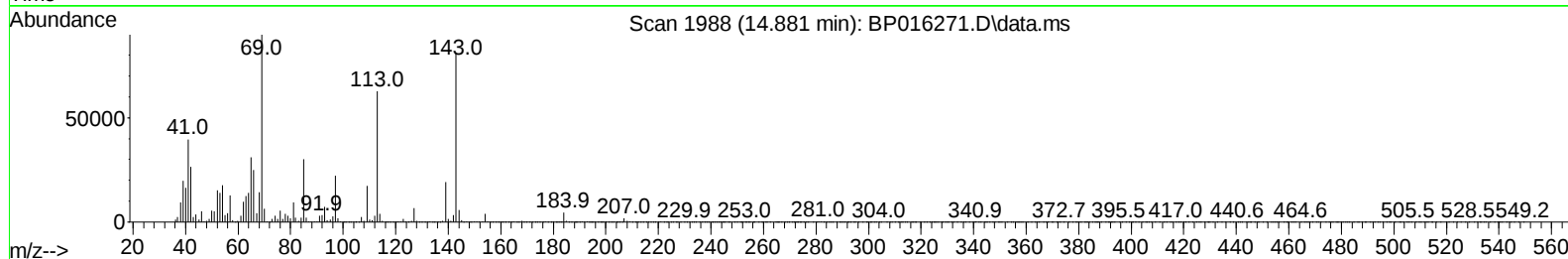
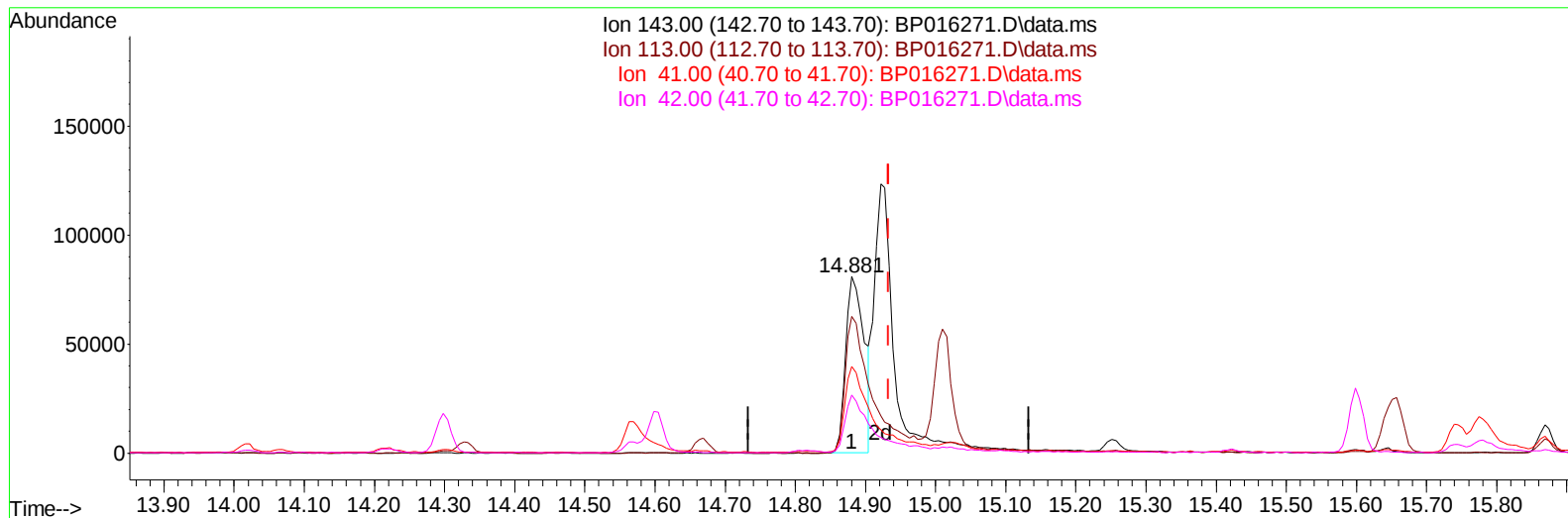
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016271.D
Acq On : 18 Jul 2023 01:12
Operator : MA/JU
Sample : PB153940BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS940

Manual IntegrationsAPPROVED

Quant Time: Jul 18 04:13:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/18/2023
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TIC: BP016271.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.881min (-0.053) 14.86 ng/u1

response 149313

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	77.36
41.00	49.30	48.94
42.00	32.70	32.78

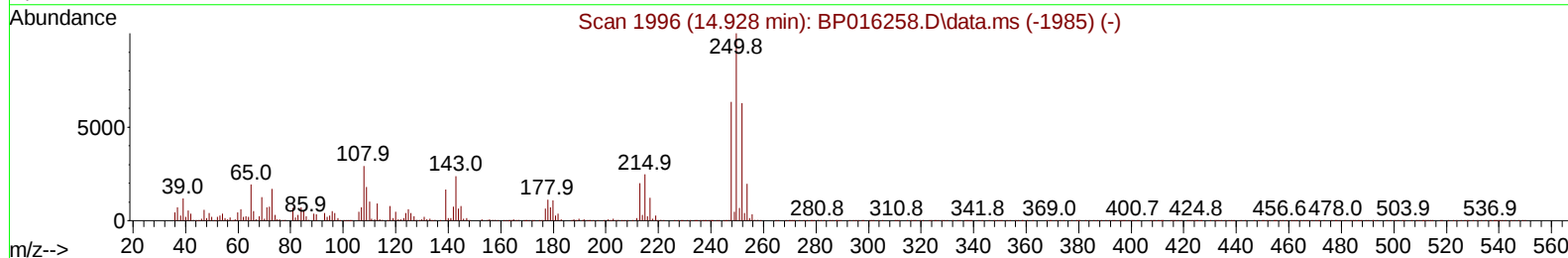
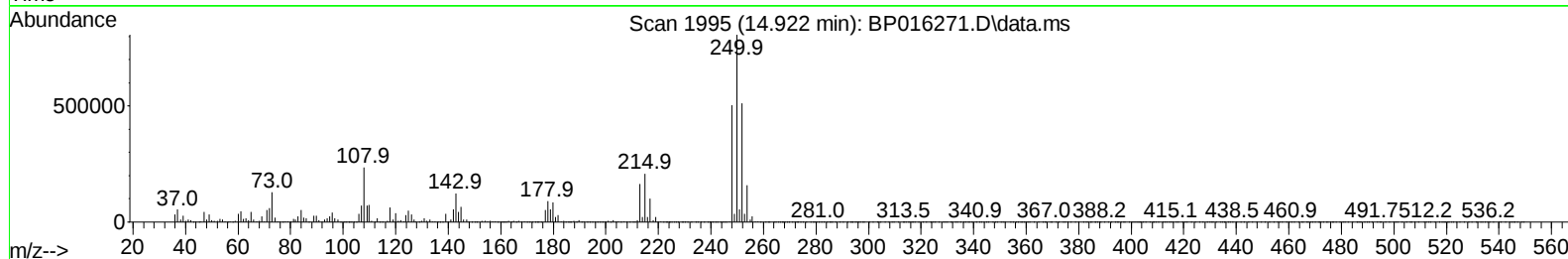
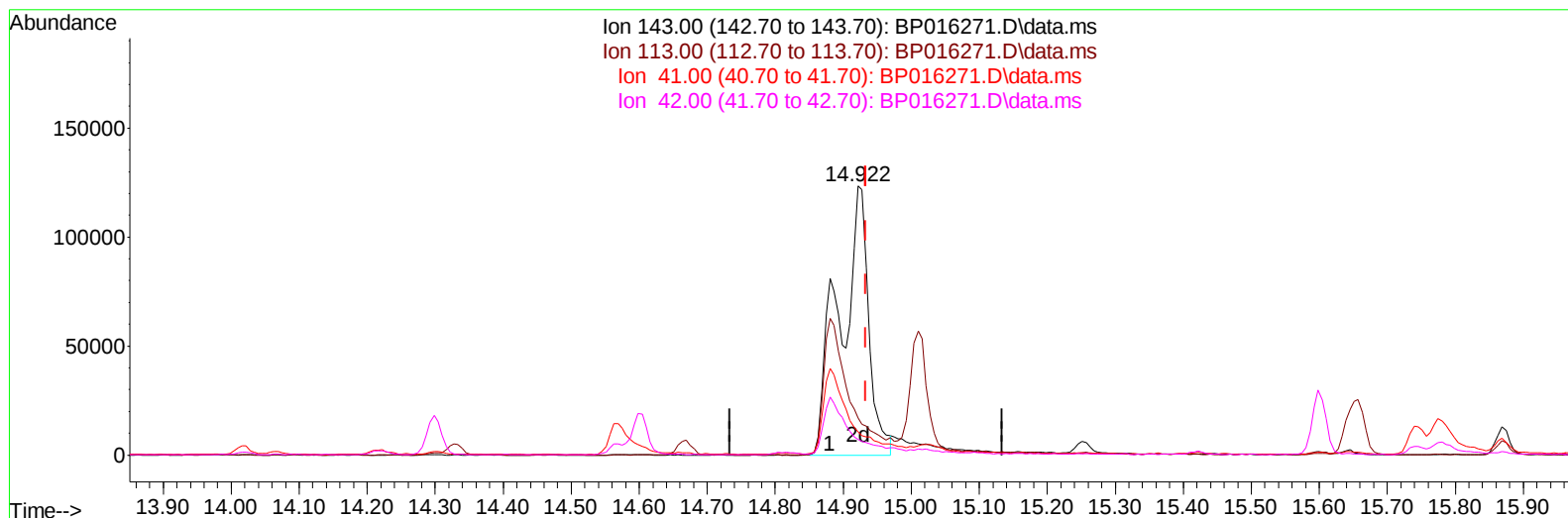
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Data File : BP016271.D
Acq On : 18 Jul 2023 01:12
Operator : MA/JU
Sample : PB153940BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS940

Manual IntegrationsAPPROVED

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TIC: BP016271.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.922min (-0.012) 36.10 ng/ul m

response 362830

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	13.89#
41.00	49.30	8.68#
42.00	32.70	5.84#

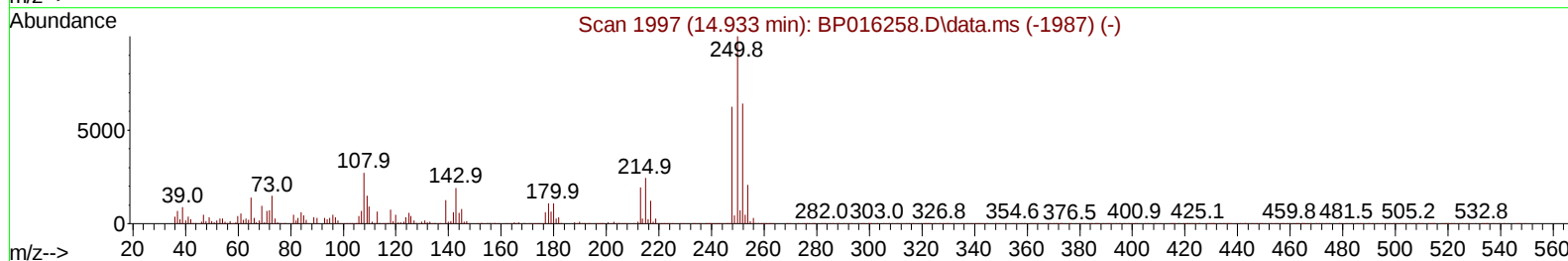
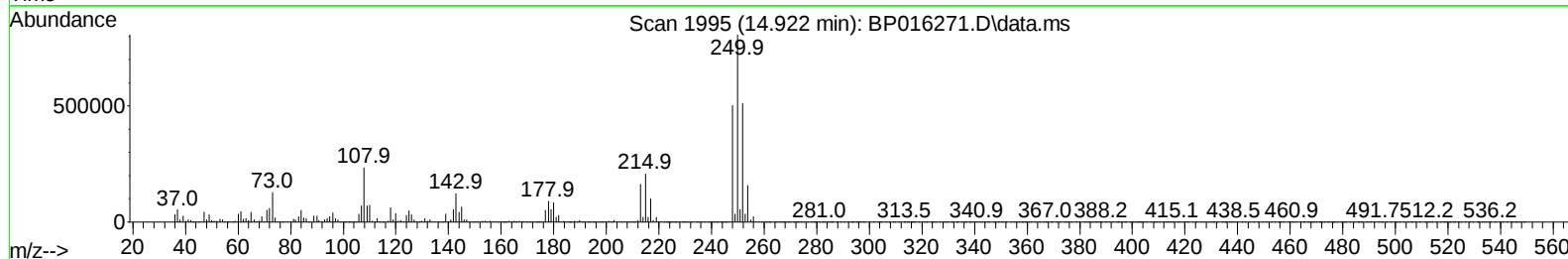
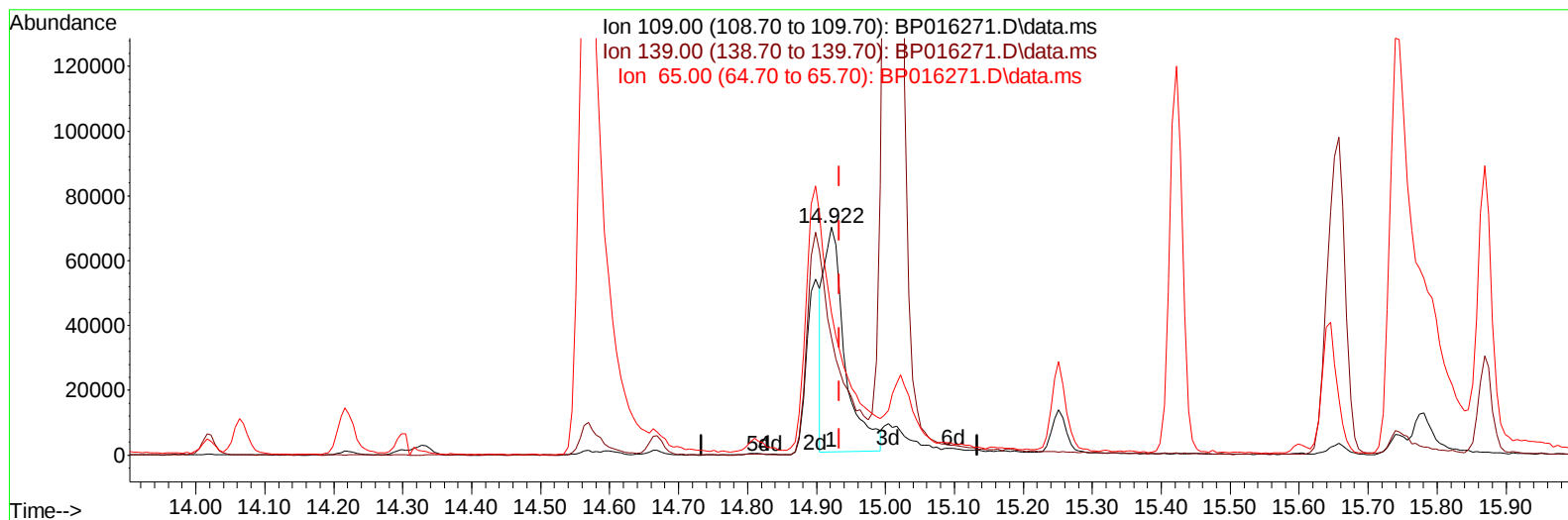
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 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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TIC: BP016271.D\data.ms

(55) 4-Nitrophenol

14.922min (-0.012) 19.55 ng/ul

response 149538

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	96.00	51.80#
65.00	115.30	62.40#
0.00	0.00	0.00

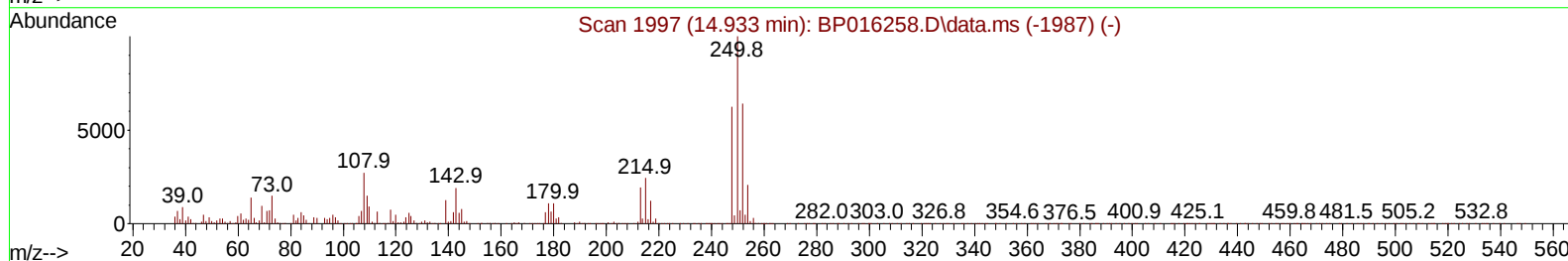
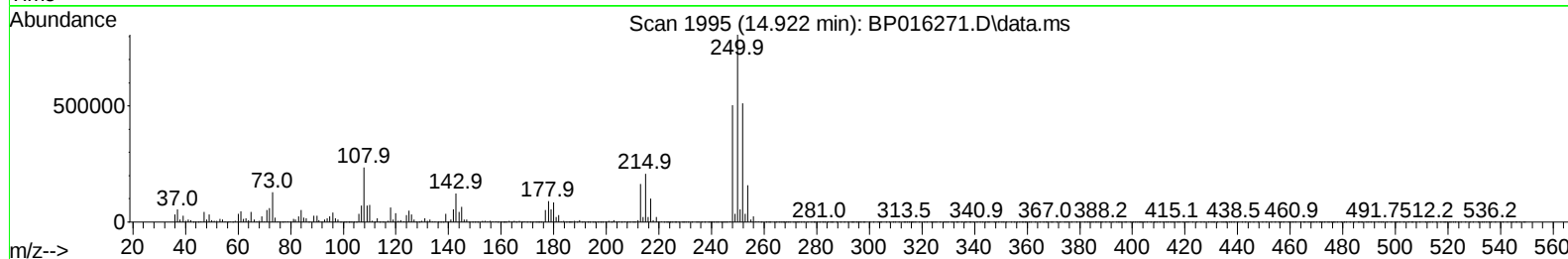
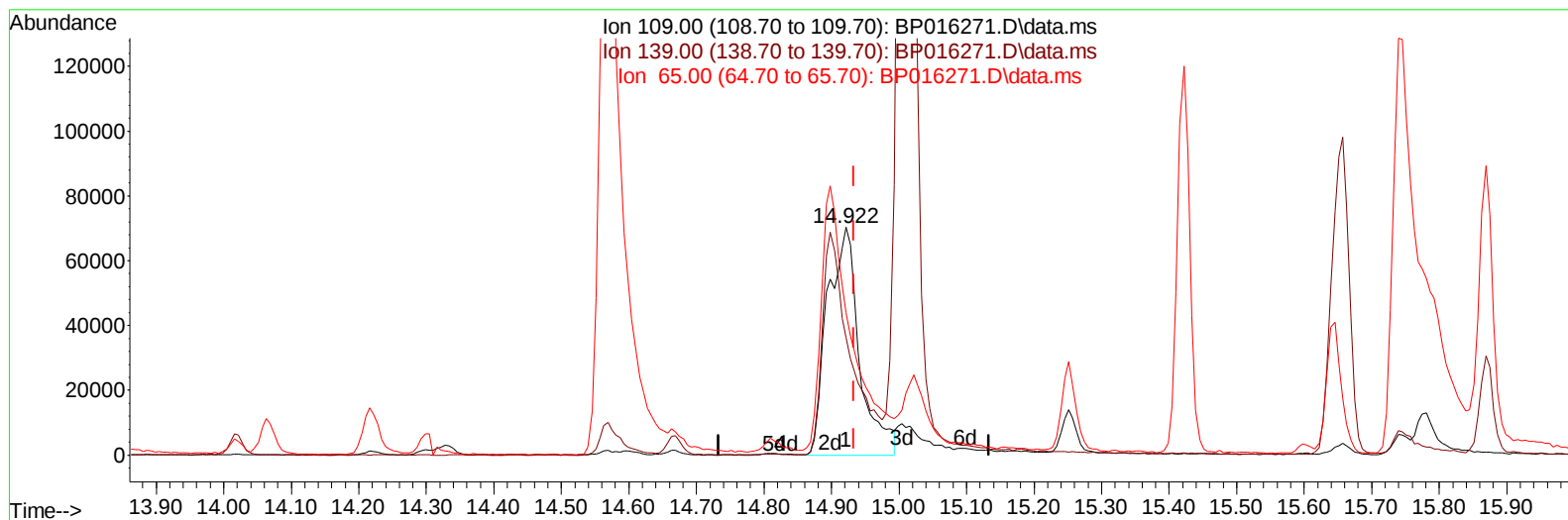
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 Misc :
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Instrument :
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TIC: BP016271.D\data.ms

(55) 4-Nitrophenol

14.922min (-0.012) 30.22 ng/ul m

response 231080

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	96.00	51.80#
65.00	115.30	62.40#
0.00	0.00	0.00

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Quant Time: Jul 18 04:14:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	206621	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.763	136	1009739	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.604	164	645540	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1441349	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	1383916	20.000	ng/ul	0.00
88) Perylene-d12	23.963	264	1430038	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	31906	5.464	ng/uL	0.00
4) Pyridine-d5	3.728	84	431849	29.655	ng/ul	-0.01
7) Phenol-d5	7.134	99	630582	33.788	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	397934	31.532	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	453352	33.650	ng/ul	-0.01
15) 4-Methylphenol-d8	8.687	113	487620	32.434	ng/ul	-0.02
21) Nitrobenzene-d5	9.140	128	229663	32.968	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.863	143	262605	33.075	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.422	165	479351	34.865	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.940	131	605115	27.458	ng/ul	-0.02
46) Dimethylphthalate-d6	14.022	166	1446562	29.376	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1668786	30.923	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	362830m	36.104	ng/ul	-0.01
60) Fluorene-d10	15.598	176	1247887	30.280	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.781	200	226922	27.272	ng/ul	-0.01
73) Anthracene-d10	17.475	188	1920926	30.468	ng/ul	0.00
81) Pyrene-d10	19.704	212	2332984	32.488	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.786	264	2227581	32.437	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	66771	10.425	ng/uL	98
5) Pyridine	3.746	79	412203	27.635	ng/ul	98
6) Benzaldehyde	7.110	77	293424	25.179	ng/ul	94
8) Phenol	7.163	94	615663	30.774	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	479419	29.466	ng/ul	99
12) 2-Chlorophenol	7.510	128	454691	32.528	ng/ul	99
13) 2-Methylphenol	8.416	108	454261	30.168	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.487	45	754262m	28.565	ng/ul	
16) Acetophenone	8.799	105	747994	30.171	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	410316	30.871	ng/ul	97
18) 4-Methylphenol	8.757	108	508008	30.852	ng/ul	99
19) Hexachloroethane	9.016	117	187219	29.379	ng/ul	99
22) Nitrobenzene	9.181	77	610798	30.178	ng/ul	99
23) Isophorone	9.704	82	1157536	28.852	ng/ul	100
25) 2-Nitrophenol	9.899	139	265618	31.138	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	495868	26.433	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	702635	30.077	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	447701	31.668	ng/ul	98
30) Naphthalene	10.816	128	1534948	28.967	ng/ul	99
32) 4-Chloroaniline	10.969	127	511775	23.349	ng/ul	100
33) Hexachlorobutadiene	11.075	225	269408	28.058	ng/ul	98
34) Caprolactam	11.787	113	154961m	30.278	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	537936	30.834	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.434	142	1025269	28.857	ng/ul	100
37) 1-Methylnaphthalene	12.651	142	1031147	28.220	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	551444	29.993	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	111389	15.433	ng/ul	94
41) 2,4,6-Trichlorophenol	13.063	196	350054	30.136	ng/ul	96
42) 2,4,5-Trichlorophenol	13.157	196	386969	31.335	ng/ul	97
43) 1,1'-Biphenyl	13.434	154	1403262	29.800	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	1103748	29.834	ng/ul	99
45) 2-Nitroaniline	13.728	65	379132	31.445	ng/ul	100
47) Dimethylphthalate	14.069	163	1404731	28.244	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	291752	31.116	ng/ul	97
50) Acenaphthylene	14.328	152	1721934	27.781	ng/ul	99
51) 3-Nitroaniline	14.569	138	284805	29.912	ng/ul	93
52) Acenaphthene	14.669	153	1213926	28.958	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	125347	19.100	ng/ul	94
55) 4-Nitrophenol	14.922	109	231080m	30.215	ng/ul	
56) Dibenzofuran	15.010	168	1679011	29.405	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	418868	30.283	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.251	232	313525	27.974	ng/ul	99
59) Diethylphthalate	15.422	149	1446244	27.963	ng/ul	99
61) Fluorene	15.657	166	1369286	28.706	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	664826	28.818	ng/ul	98
63) 4-Nitroaniline	15.745	138	261312	29.883	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.792	198	212093	24.388	ng/ul	96
67) N-Nitrosodiphenylamine	15.869	169	1159123	30.340	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	409101	29.866	ng/ul	98
69) Hexachlorobenzene	16.669	284	479213	29.051	ng/ul	98
70) Atrazine	16.834	200	192536	12.709	ng/ul	100
71) Pentachlorophenol	17.039	266	203282	24.575	ng/ul	99
72) Phenanthrene	17.410	178	2195389	29.233	ng/ul	99
74) Anthracene	17.510	178	2193611	29.068	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	560774	29.636	ng/uL	99
76) Pentachlorobenzene	14.928	250	1280909	71.716	ng/uL	99
77) Carbazole	17.798	167	2036593	29.600	ng/ul	99
78) Di-n-butylphthalate	18.304	149	2520169	29.240	ng/ul	100
80) Fluoranthene	19.380	202	2647489	31.528	ng/ul	99
82) Pyrene	19.739	202	2804582	31.282	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1234422	31.925	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.380	252	876249	27.099	ng/ul	99
85) Benzo(a)anthracene	21.445	228	2700784	29.969	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1800781	31.176	ng/ul	100
87) Chrysene	21.504	228	2649834	29.025	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	3158778	35.264	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	2652605	32.473	ng/ul	99
91) Benzo(k)fluoranthene	23.239	252	2646963	31.842	ng/ul	99
93) Benzo(a)pyrene	23.845	252	2282015	28.201	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.580	276	2629443	26.241	ng/ul	99
95) Dibenzo(a,h)anthracene	26.580	278	2162317	26.456	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	2070821	25.891	ng/ul	98

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

Instrument :

BNA_P

ClientSampleId :

SLCS940

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2023

Supervised By :mohammad ahmed 07/18/2023

