

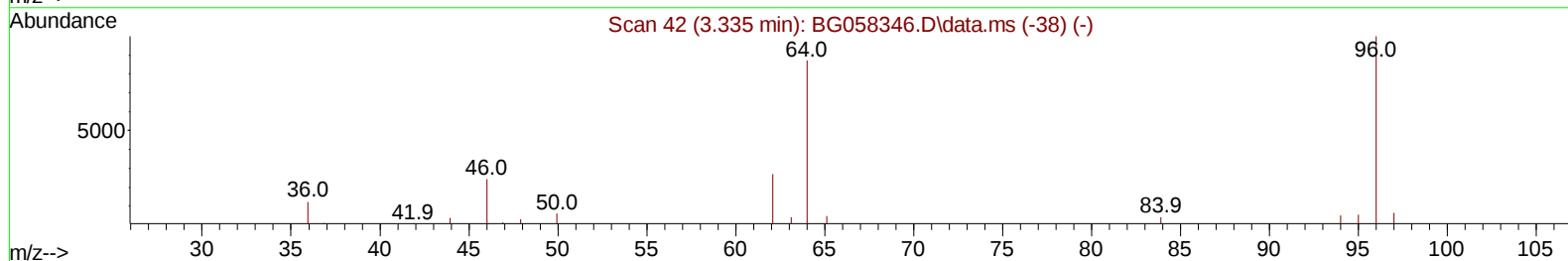
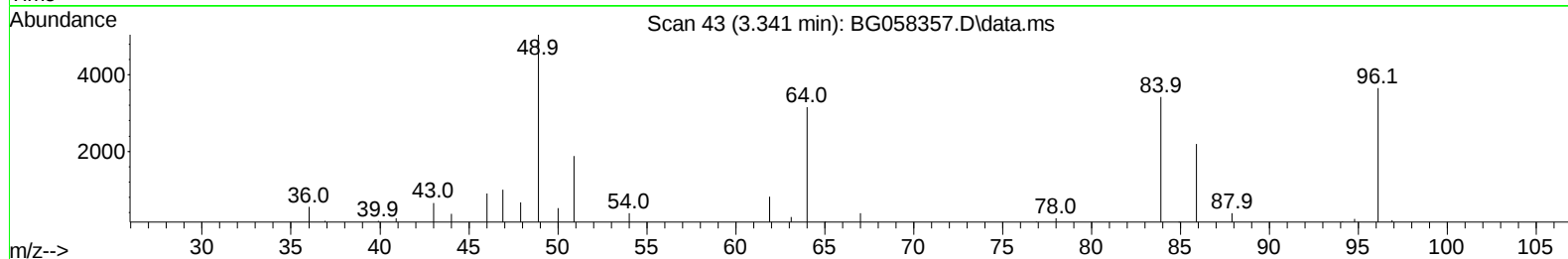
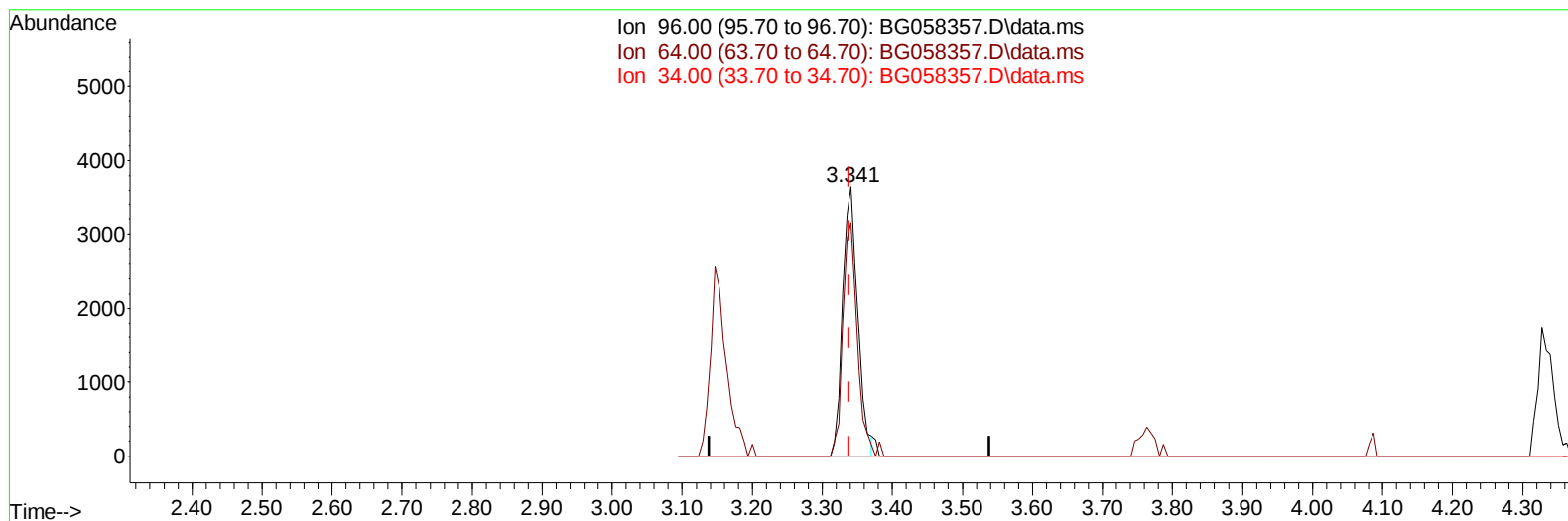
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058357.D
 Acq On : 20 Jul 2023 12:03
 Operator : CG/JU
 Sample : 03472-31MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46Q2MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 20 14:02:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023



TIC: BG058357.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.341min (+ 0.002) 5.55 ng/uL

response 5524

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	86.48
34.00	0.00	0.00
0.00	0.00	0.00

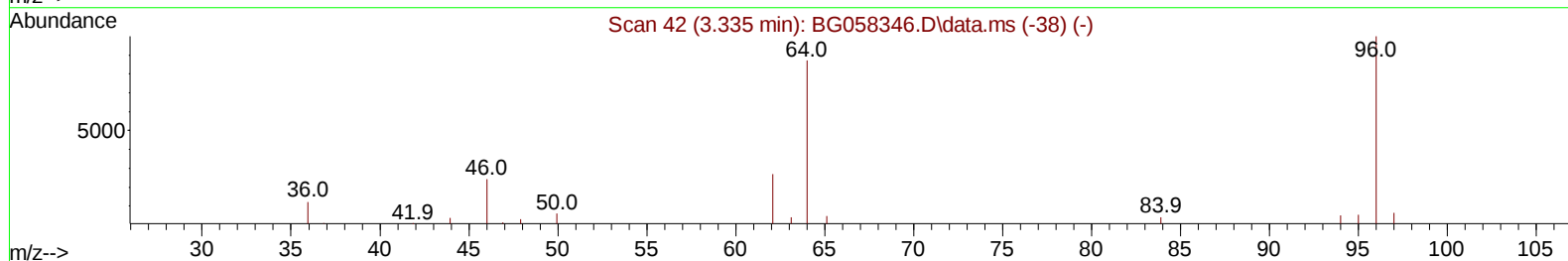
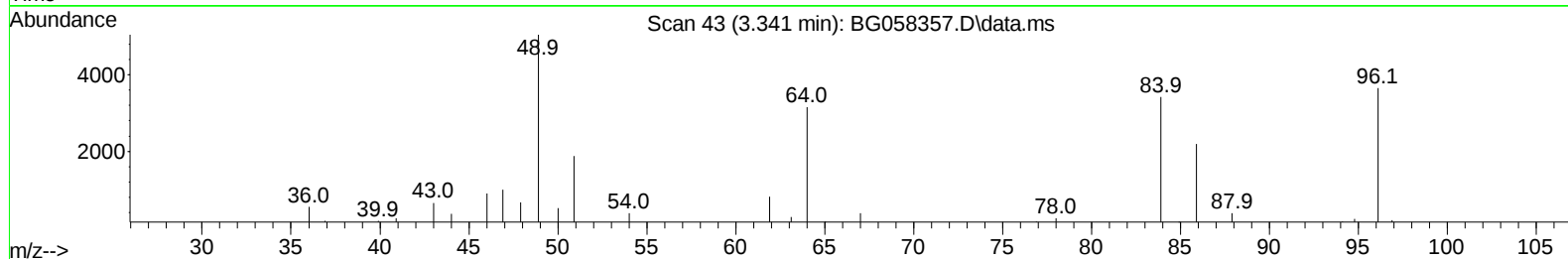
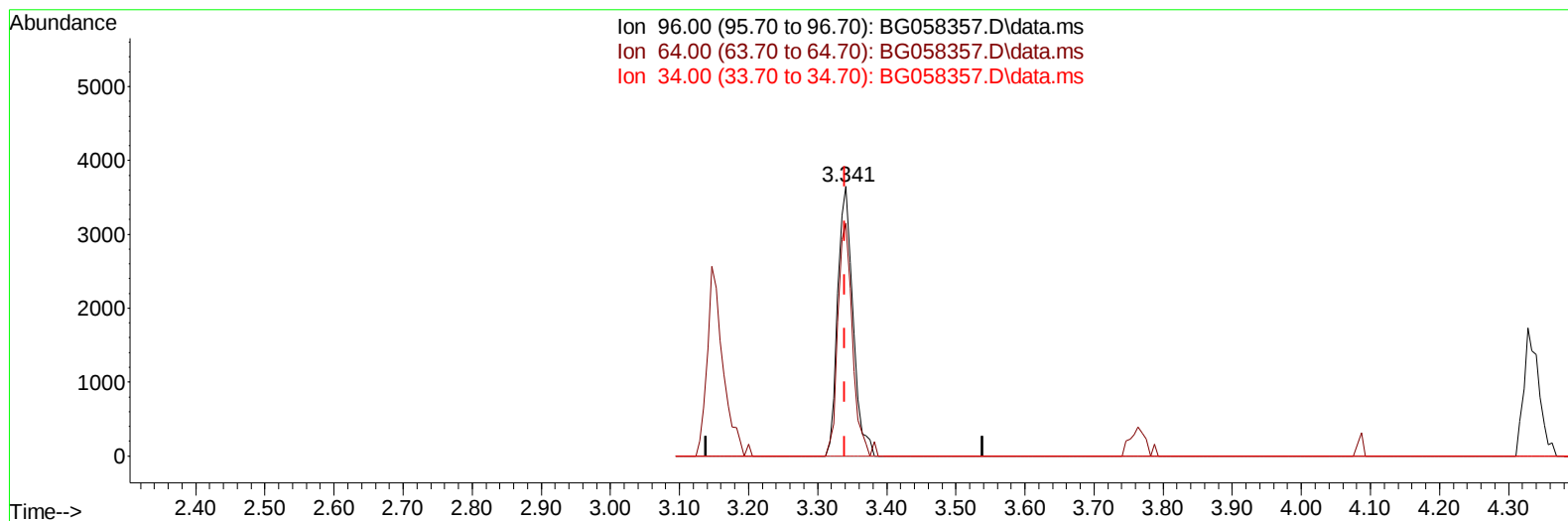
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TIC: BG058357.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.341min (+ 0.002) 5.63 ng/uL m

response 5601

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	86.48
34.00	0.00	0.00
0.00	0.00	0.00

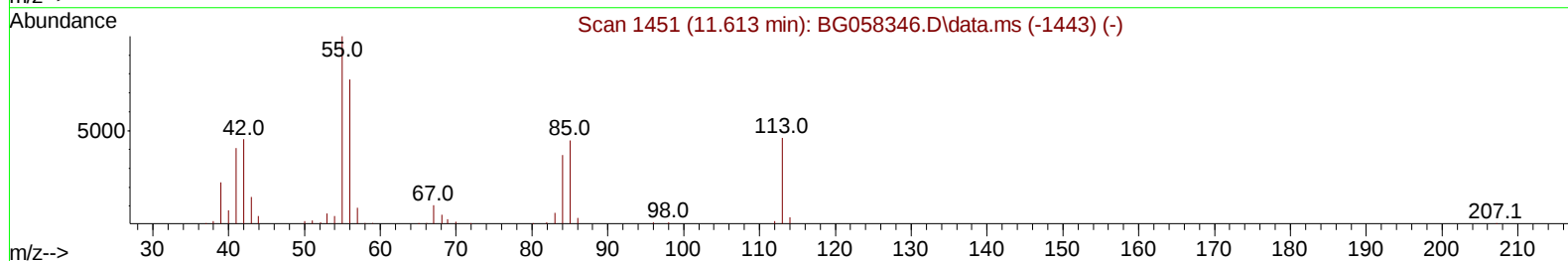
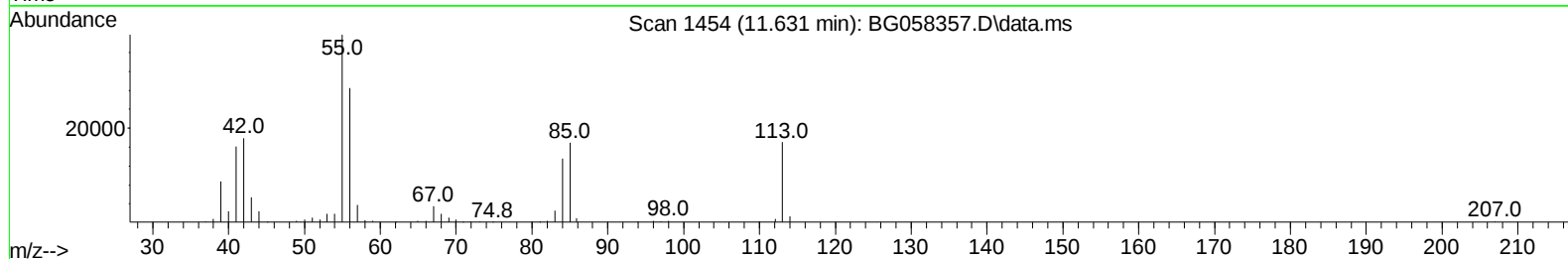
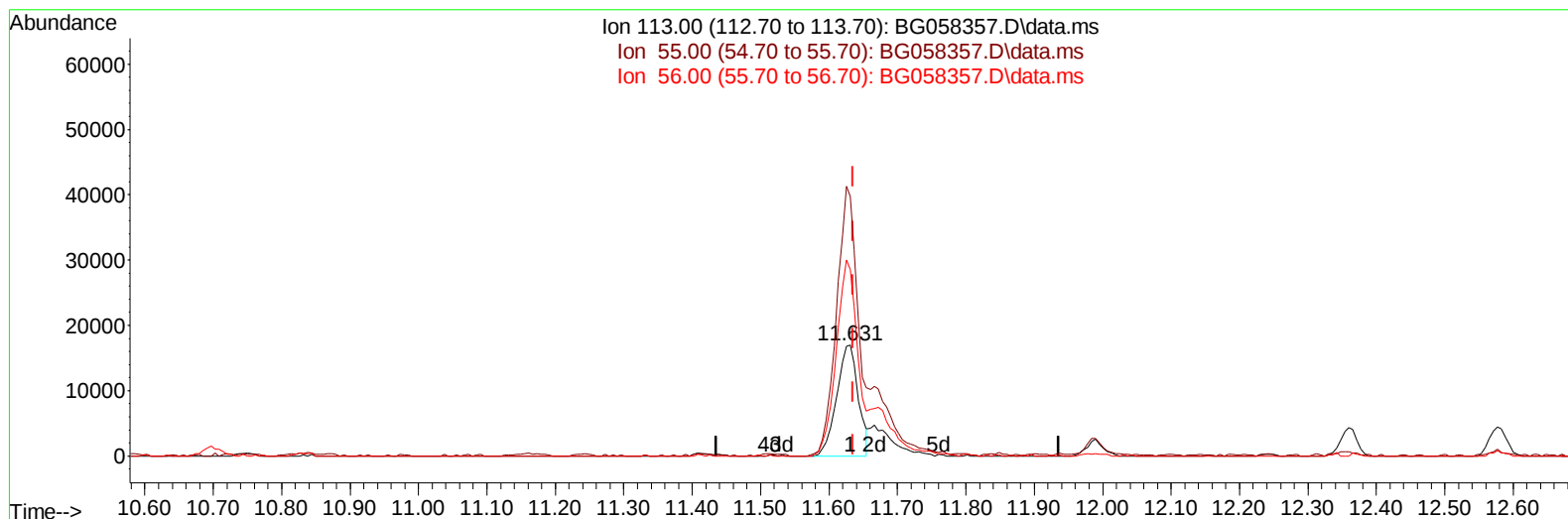
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 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BG058357.D\data.ms

(34) Caprolactam

11.631min (-0.005) 34.77 ng/ul

response 37392

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	233.51
56.00	165.30	167.48
0.00	0.00	0.00

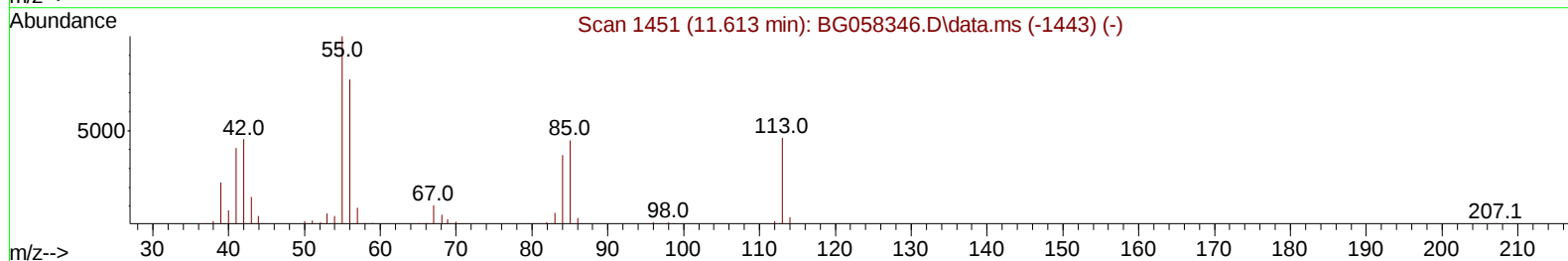
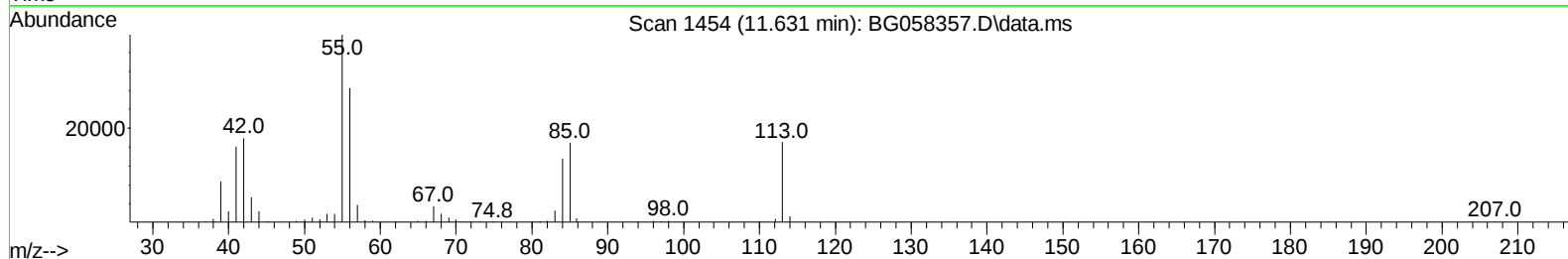
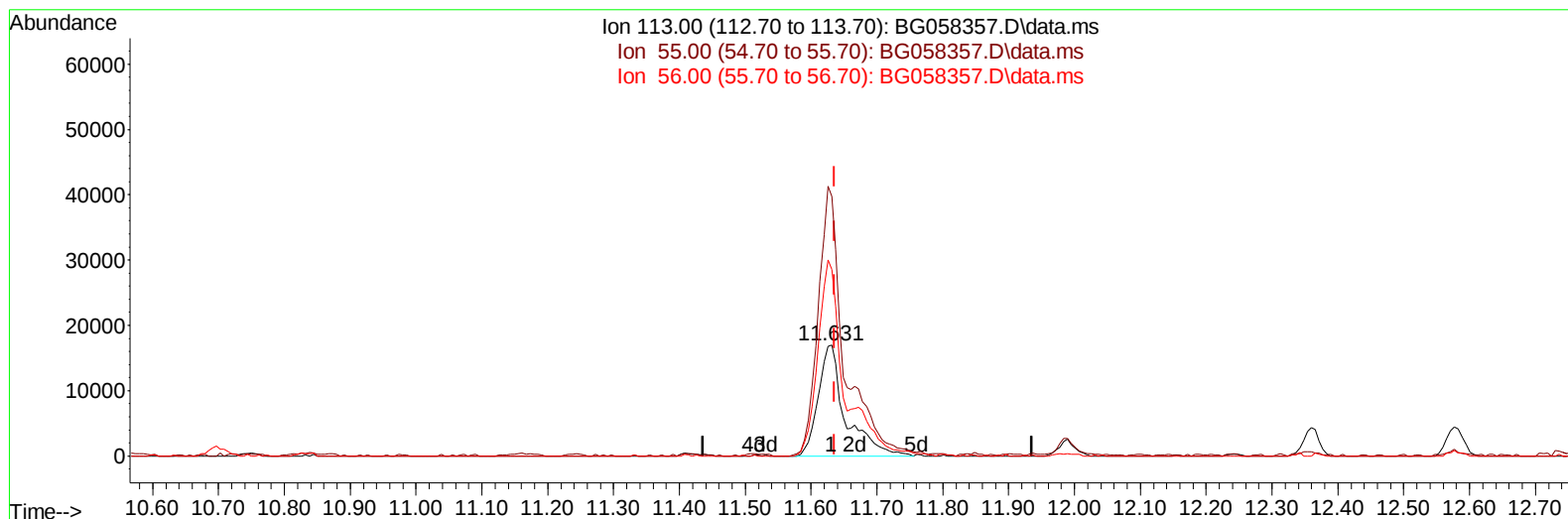
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Instrument :
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TIC: BG058357.D\data.ms

(34) Caprolactam

11.631min (-0.005) 45.12 ng/ul m

response 48521

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	233.51
56.00	165.30	167.48
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jul 20 17:54:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	36607	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	173910	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	125636	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	282800	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	229998	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	286806	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	5601m	5.632	ng/uL	0.00
4) Pyridine-d5	3.746	84	91514	31.000	ng/ul	0.00
7) Phenol-d5	7.066	99	146749	42.258	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	82604	38.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	97686	40.186	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	88240	33.313	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	53075	40.716	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	62052	43.603	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	116213	42.599	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	59219	14.974	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	373176	38.519	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	426812	42.039	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	62255	42.549	ng/ul	0.00
60) Fluorene-d10	15.527	176	332111	41.405	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	62068	43.078	ng/ul	0.00
73) Anthracene-d10	17.377	188	452428	37.025	ng/ul	0.00
81) Pyrene-d10	19.669	212	584359	43.017	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	529835	38.222	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	18685	16.562	ng/ul#	94
5) Pyridine	3.770	79	129615	41.575	ng/ul	95
6) Benzaldehyde	7.037	77	114629	81.735	ng/ul	91
8) Phenol	7.089	94	181254	50.260	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.319	93	130593	47.270	ng/ul	96
12) 2-Chlorophenol	7.460	128	123139	48.394	ng/ul	99
13) 2-Methylphenol	8.341	108	107062	38.091	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.417	45	213823	47.228	ng/ul	97
16) Acetophenone	8.717	105	215507	47.774	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.699	70	130196	52.735	ng/ul	99
18) 4-Methylphenol	8.670	108	131765	43.137	ng/ul	95
19) Hexachloroethane	8.975	117	47147	47.007	ng/ul	93
22) Nitrobenzene	9.105	77	164790	47.404	ng/ul	99
23) Isophorone	9.622	82	345345	44.311	ng/ul	99
25) 2-Nitrophenol	9.816	139	78843	51.867	ng/ul	93
26) 2,4-Dimethylphenol	9.868	107	14479	4.272	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.103	93	195612	47.391	ng/ul	99
29) 2,4-Dichlorophenol	10.350	162	133073	51.394	ng/ul	96
30) Naphthalene	10.750	128	446408	48.023	ng/ul	99
32) 4-Chloroaniline	10.861	127	73219	18.114	ng/ul	99
33) Hexachlorobutadiene	11.026	225	89599	48.392	ng/ul	97
34) Caprolactam	11.631	113	48521m	45.117	ng/ul	
35) 4-Chloro-3-methylphenol	11.990	107	156517	47.498	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	311837	50.071	ng/ul	100
37) 1-Methylnaphthalene	12.577	142	313539	49.122	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.730	216	181981	50.037	ng/ul	99
40) Hexachlorocyclopentadiene	12.700	237	68450	34.993	ng/ul	98
41) 2,4,6-Trichlorophenol	12.971	196	121547	49.369	ng/ul	96
42) 2,4,5-Trichlorophenol	13.041	196	134298	51.155	ng/ul	100
43) 1,1'-Biphenyl	13.364	154	416870	49.070	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	340451	50.403	ng/ul	96
45) 2-Nitroaniline	13.617	65	124280	52.970	ng/ul	99
47) Dimethylphthalate	13.987	163	438973	45.110	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	98698	52.486	ng/ul	92
50) Acenaphthylene	14.257	152	540643	49.332	ng/ul	99
51) 3-Nitroaniline	14.445	138	63435	40.479	ng/ul	89
52) Acenaphthene	14.598	153	373385	49.072	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	45189	45.153	ng/ul	97
55) 4-Nitrophenol	14.757	109	58090	51.553	ng/ul	97
56) Dibenzofuran	14.933	168	526505	48.596	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	136962	50.498	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.162	232	114701	47.288	ng/ul#	98
59) Diethylphthalate	15.350	149	450117	44.899	ng/ul	100
61) Fluorene	15.585	166	422143	47.512	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.574	204	225222	47.749	ng/ul	97
63) 4-Nitroaniline	15.609	138	68084	48.014	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.668	198	73745	49.749	ng/ul#	99
67) N-Nitrosodiphenylamine	15.791	169	348337	49.691	ng/ul	98
68) 4-Bromophenyl-phenylether	16.467	248	157268	52.503	ng/ul	98
69) Hexachlorobenzene	16.584	284	173464	51.321	ng/ul	96
70) Atrazine	16.737	200	103514	37.663	ng/ul	98
71) Pentachlorophenol	16.931	266	89486	47.166	ng/ul	97
72) Phenanthrene	17.324	178	678271	50.469	ng/ul	99
74) Anthracene	17.413	178	594675	44.077	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.335	216	185526	52.302	ng/uL	97
76) Pentachlorobenzene	14.857	250	196889	50.757	ng/uL	95
77) Carbazole	17.683	167	597262	51.068	ng/ul	99
78) Di-n-butylphthalate	18.235	149	771475	51.912	ng/ul	99
80) Fluoranthene	19.334	202	779150	50.066	ng/ul	100
82) Pyrene	19.698	202	780385	49.490	ng/ul	99
83) Butylbenzylphthalate	20.579	149	334638	53.894	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.431	252	95595	18.619	ng/ul	99
85) Benzo(a)anthracene	21.514	228	760115	49.169	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	478799	54.214	ng/ul	99
87) Chrysene	21.578	228	735322	50.146	ng/ul	97
89) Di-n-octyl phthalate	22.589	149	829927	54.385	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	816149	49.182	ng/ul	99
91) Benzo(k)fluoranthene	23.735	252	808589	48.856	ng/ul	99
93) Benzo(a)pyrene	24.522	252	654701	44.358	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.235	276	990417	50.931	ng/ul	99
95) Dibenzo(a,h)anthracene	28.294	278	813905	51.040	ng/ul	97
96) Benzo(g,h,i)perylene	29.357	276	812881	51.306	ng/ul	97

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

Instrument :

BNA_G

ClientSampleId :

A46Q2MSD

Manual IntegrationsAPPROVED

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