

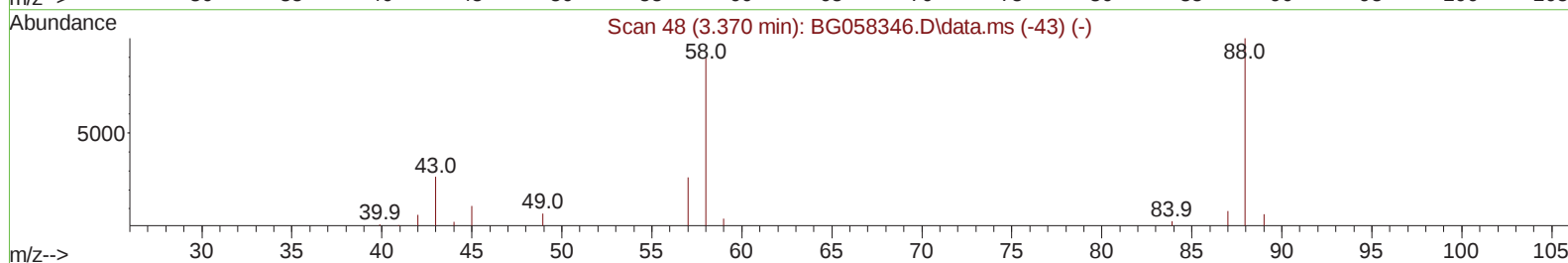
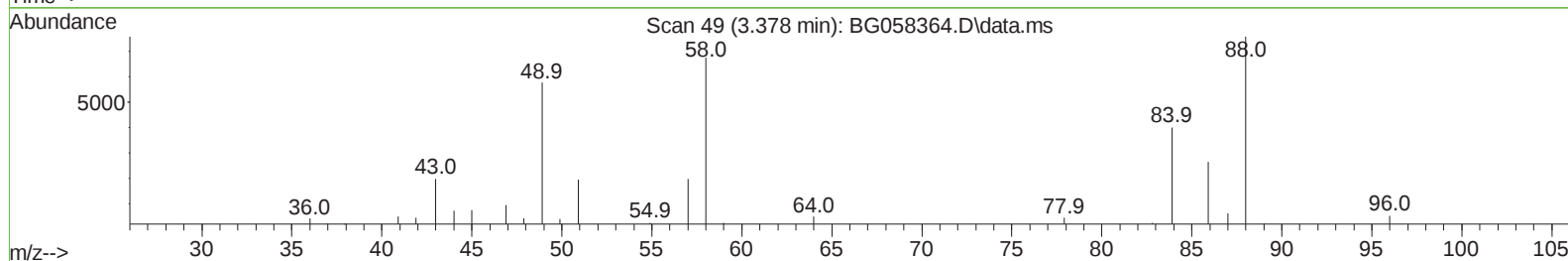
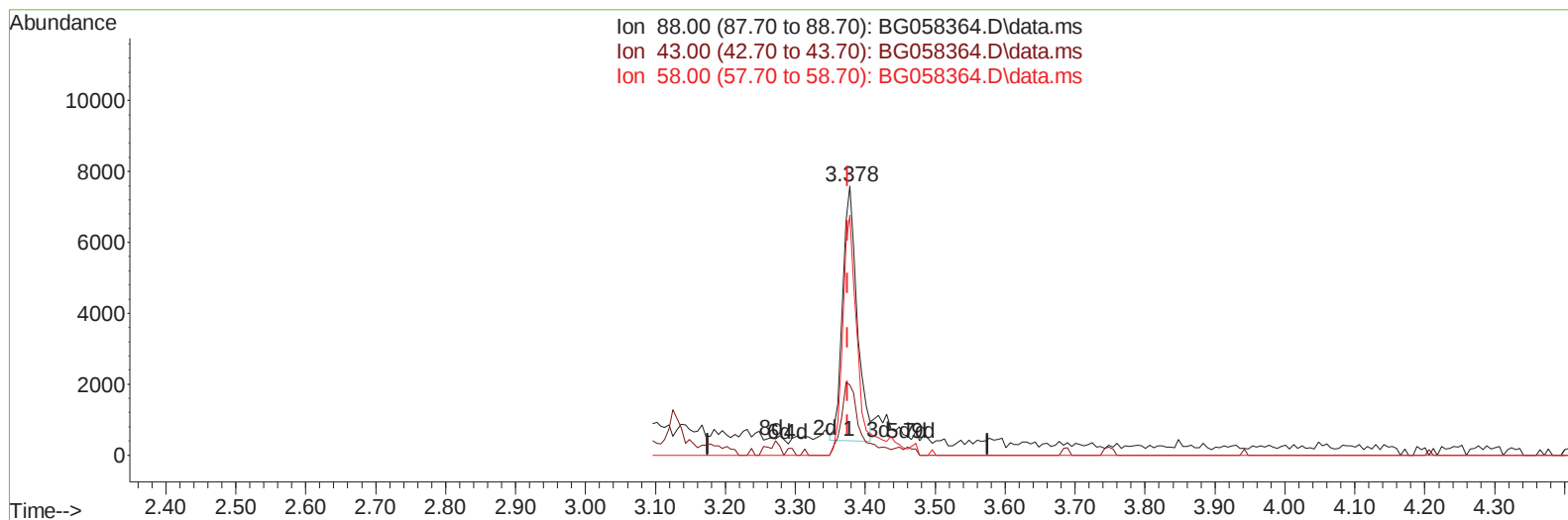
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058364.D
 Acq On : 20 Jul 2023 18:19
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 20 19:38:11 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 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023



TIC: BG058364.D\data.ms

(2) 1,4-Dioxane

3.378min (+ 0.003) 6.80 ng/uL

response 10477

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	24.50	26.07
58.00	87.80	89.23
0.00	0.00	0.00

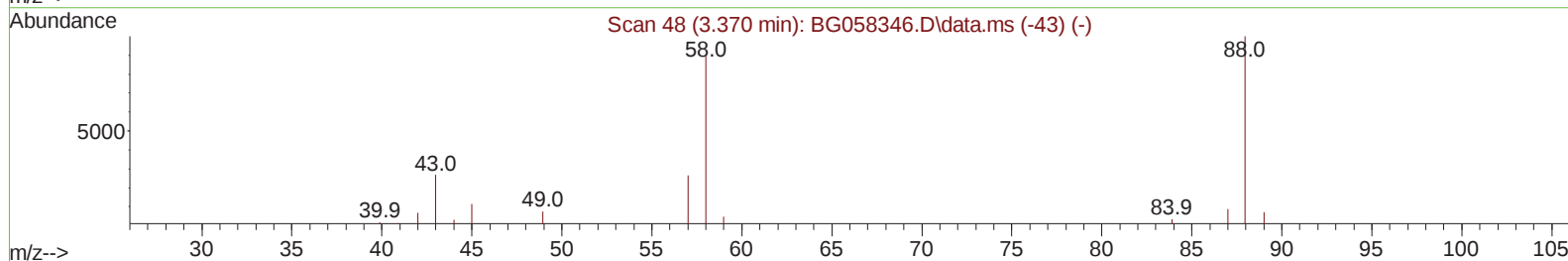
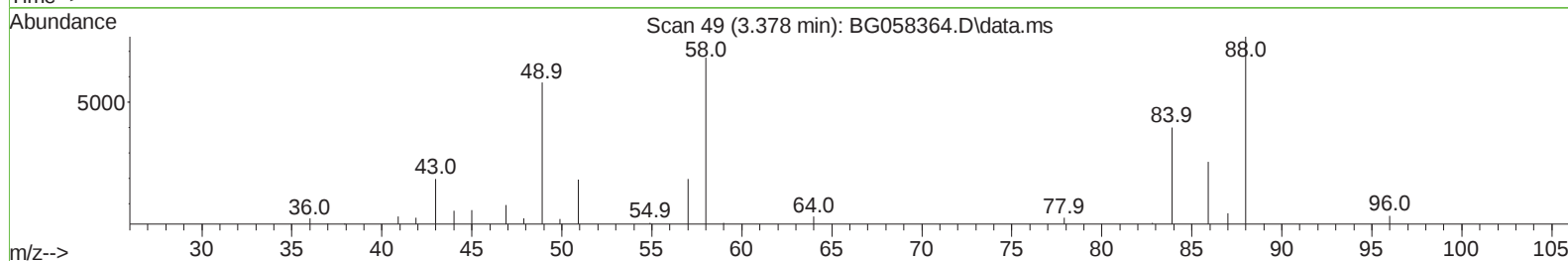
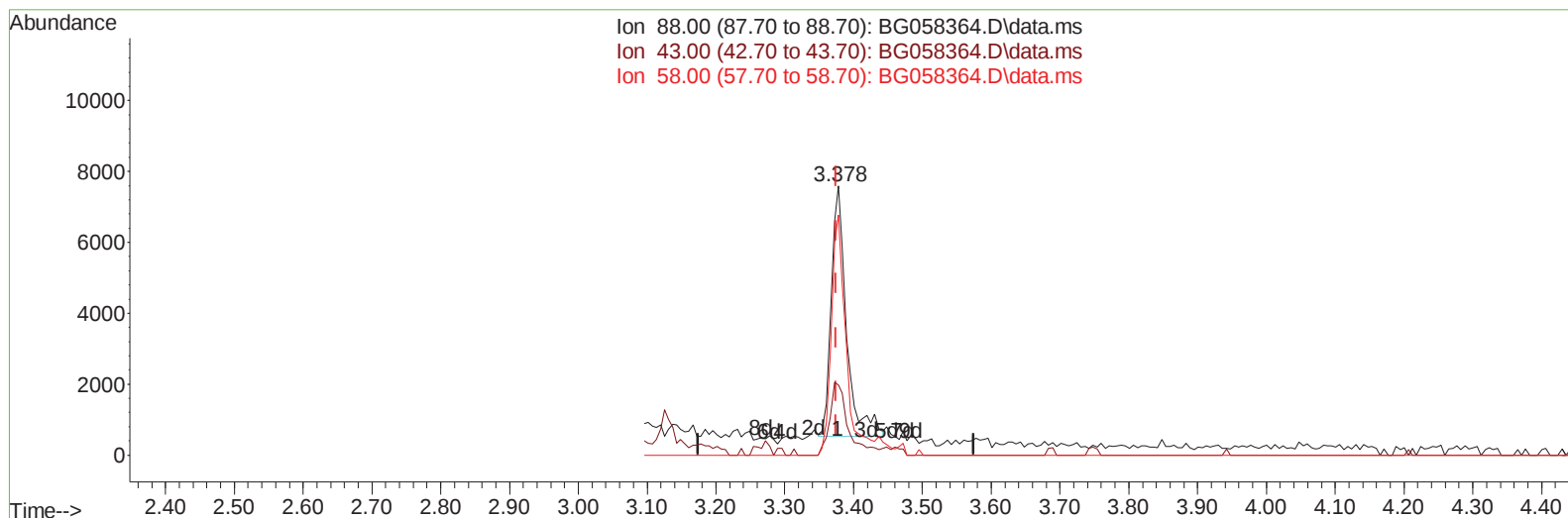
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TIC: BG058364.D\data.ms

(2) 1,4-Dioxane

3.378min (+ 0.003) 7.07 ng/uL m

response 10901

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	24.50	26.07
58.00	87.80	89.23
0.00	0.00	0.00

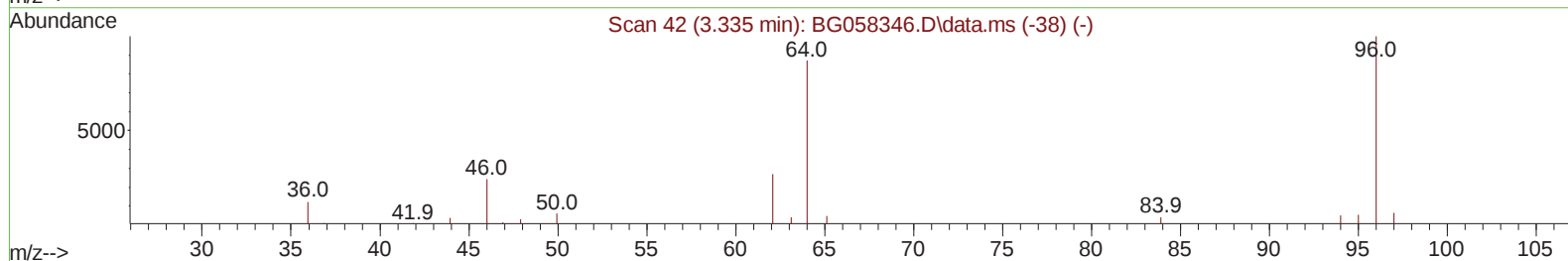
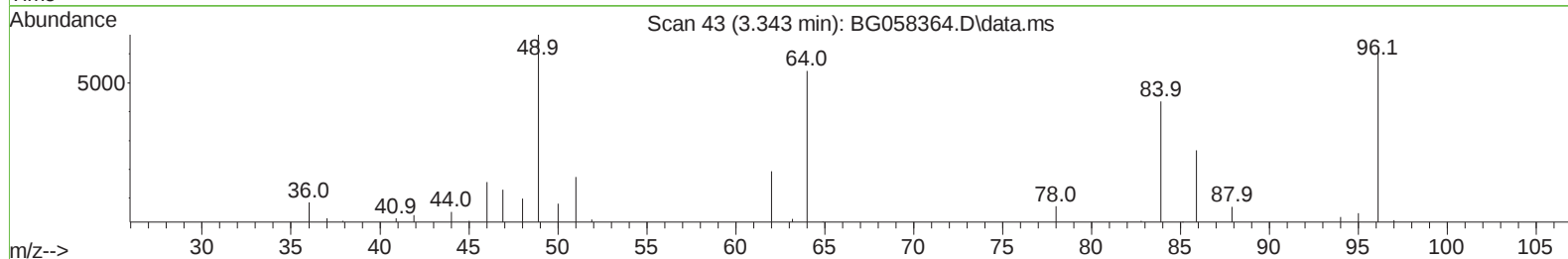
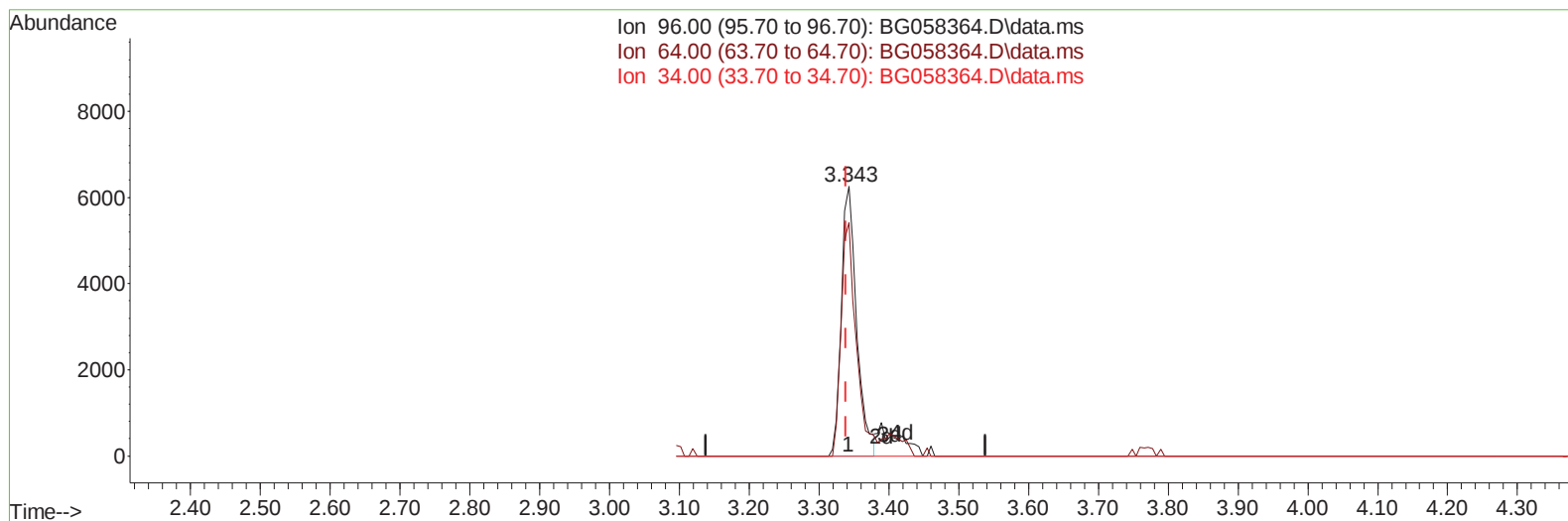
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TIC: BG058364.D\data.ms

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

3.343min (+ 0.004) 6.98 ng/uL

response 9490

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	86.65
34.00	0.00	0.00
0.00	0.00	0.00

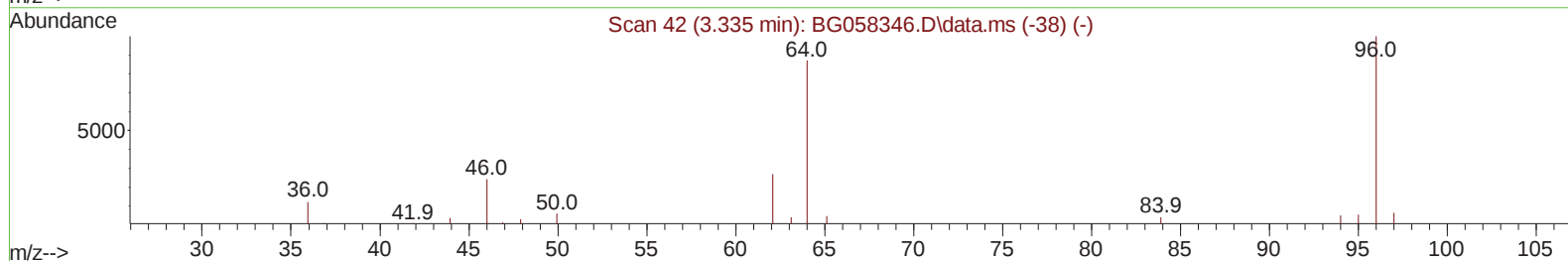
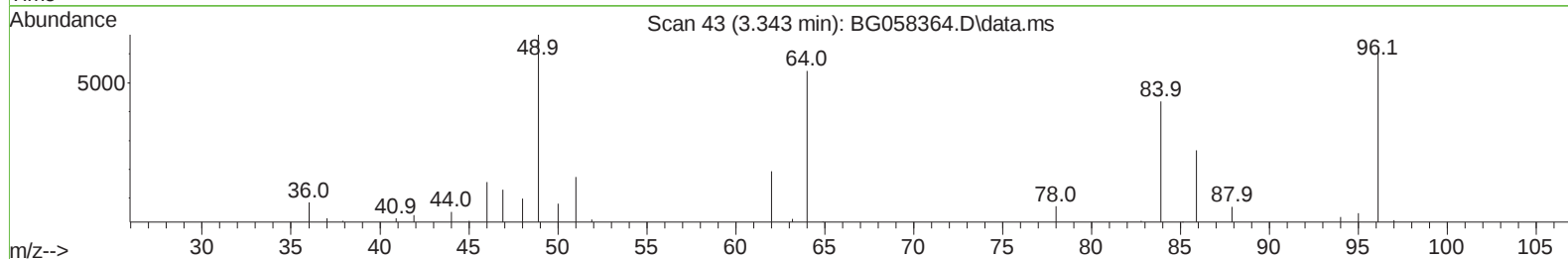
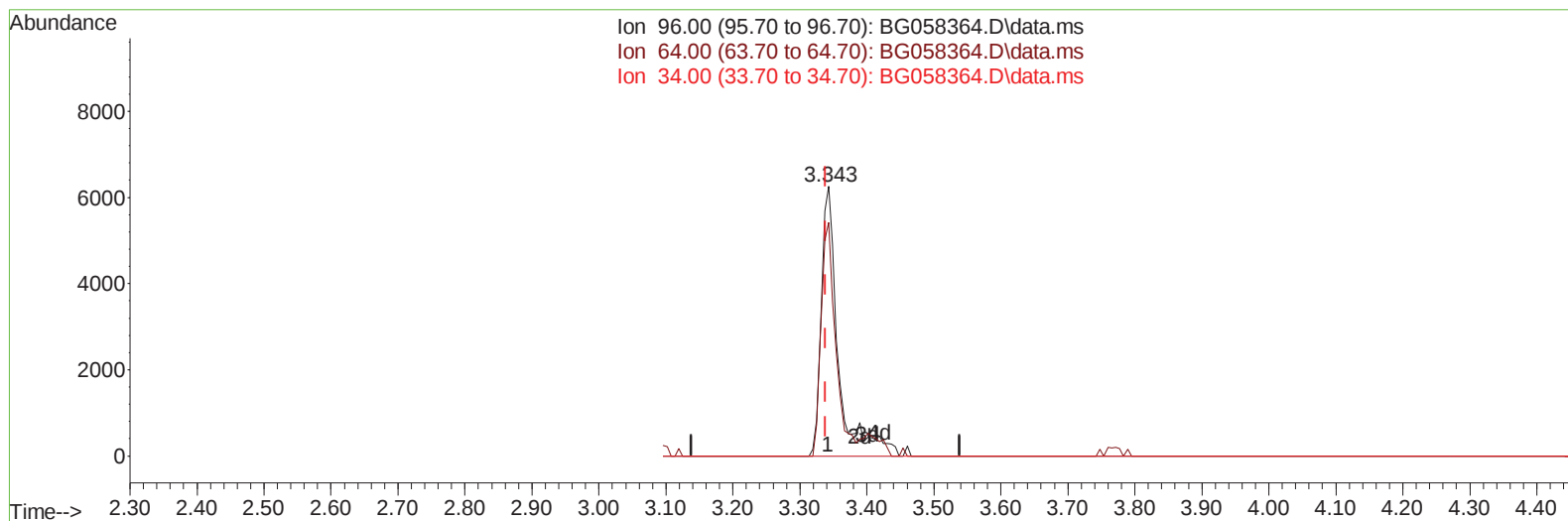
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 ALS Vial : 99 Sample Multiplier: 1

Instrument :
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TIC: BG058364.D\data.ms

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

3.343min (+ 0.004) 8.12 ng/uL m

response 11038

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	86.65
34.00	0.00	0.00
0.00	0.00	0.00

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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :

BNA_G

LabSampleId :

SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 19:39:06 2023
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	50020	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	235286	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.535	164	169346	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	404062	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	337949	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	414920	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	11038m	8.122	ng/uL	0.00
4) Pyridine-d5	3.748	84	76789	19.036	ng/ul	0.00
7) Phenol-d5	7.062	99	96031	20.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.226	67	57604	19.423	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132	65812	19.814	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	68365	18.889	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	34012	19.286	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	37890	19.680	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.323	165	73650	19.955	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	101082	18.892	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	217861	16.683	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	263225	19.235	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	32363	16.410	ng/ul	0.00
60) Fluorene-d10	15.522	176	200241	18.521	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	31857	15.475	ng/ul	0.00
73) Anthracene-d10	17.379	188	325427	18.640	ng/ul	0.00
81) Pyrene-d10	19.665	212	356044	17.837	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.447	264	353433	17.624	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	10901m	7.072	ng/uL	
5) Pyridine	3.772	79	83253	19.543	ng/ul	97
6) Benzaldehyde	7.038	77	37320	19.475	ng/ul	96
8) Phenol	7.091	94	99262	20.144	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.314	93	73860	19.566	ng/ul	97
12) 2-Chlorophenol	7.461	128	68842	19.800	ng/ul	96
13) 2-Methylphenol	8.337	108	74769	19.468	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.425	45	118990	19.234	ng/ul	97
16) Acetophenone	8.719	105	117091	18.997	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.701	70	62071	18.400	ng/ul	100
18) 4-Methylphenol	8.666	108	82851	19.850	ng/ul	100
19) Hexachloroethane	8.977	117	27300	19.920	ng/ul	88
22) Nitrobenzene	9.101	77	87953	18.701	ng/ul	96
23) Isophorone	9.618	82	178267	16.907	ng/ul	99
25) 2-Nitrophenol	9.812	139	40077	19.487	ng/ul	98
26) 2,4-Dimethylphenol	9.870	107	87098	18.994	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.099	93	102906	18.428	ng/ul#	97
29) 2,4-Dichlorophenol	10.346	162	70623	20.160	ng/ul	97
30) Naphthalene	10.746	128	239534	19.046	ng/ul	98
32) 4-Chloroaniline	10.857	127	102623	18.766	ng/ul	98
33) Hexachlorobutadiene	11.028	225	47495	18.961	ng/ul	100
34) Caprolactam	11.609	113	23745	16.320	ng/ul	89
35) 4-Chloro-3-methylphenol	11.985	107	85077	19.083	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.356	142	158660	18.830	ng/ul	96
37) 1-Methylnaphthalene	12.579	142	161757	18.731	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.726	216	94101	19.196	ng/ul	99
40) Hexachlorocyclopentadiene	12.702	237	47240	17.917	ng/ul	99
41) 2,4,6-Trichlorophenol	12.967	196	64714	19.501	ng/ul	99
42) 2,4,5-Trichlorophenol	13.043	196	69809	19.727	ng/ul	99
43) 1,1'-Biphenyl	13.366	154	214632	18.743	ng/ul	97
44) 2-Chloronaphthalene	13.407	162	176056	19.337	ng/ul	96
45) 2-Nitroaniline	13.619	65	61187	19.347	ng/ul	98
47) Dimethylphthalate	13.983	163	225075	17.159	ng/ul	99
48) 2,6-Dinitrotoluene	14.112	165	47016	18.549	ng/ul	95
50) Acenaphthylene	14.259	152	282305	19.111	ng/ul	99
51) 3-Nitroaniline	14.441	138	35434	16.775	ng/ul	99
52) Acenaphthene	14.600	153	195206	19.033	ng/ul	98
53) 2,4-Dinitrophenol	14.647	184	21516	15.950	ng/ul	91
55) 4-Nitrophenol	14.753	109	23487	15.464	ng/ul	97
56) Dibenzofuran	14.929	168	275862	18.890	ng/ul	98
57) 2,4-Dinitrotoluene	14.900	165	68959	18.863	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.158	232	58613	17.927	ng/ul#	97
59) Diethylphthalate	15.346	149	229943	17.017	ng/ul	99
61) Fluorene	15.581	166	225300	18.813	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	118662	18.664	ng/ul	98
63) 4-Nitroaniline	15.599	138	24853	13.003	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.663	198	32903	15.535	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	190563	19.026	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	79666	18.614	ng/ul	98
69) Hexachlorobenzene	16.586	284	90740	18.790	ng/ul	98
70) Atrazine	16.733	200	71530	18.215	ng/ul	94
71) Pentachlorophenol	16.933	266	41018	15.131	ng/ul	96
72) Phenanthrene	17.320	178	351532	18.307	ng/ul	98
74) Anthracene	17.414	178	358213	18.582	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.331	216	100369	19.803	ng/uL	97
76) Pentachlorobenzene	14.853	250	107117	19.327	ng/uL	97
77) Carbazole	17.685	167	318040	19.033	ng/ul	100
78) Di-n-butylphthalate	18.237	149	394574	18.583	ng/ul	99
80) Fluoranthene	19.336	202	416570	18.217	ng/ul	99
82) Pyrene	19.694	202	420314	18.141	ng/ul	99
83) Butylbenzylphthalate	20.581	149	170206	18.656	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.427	252	148297	19.658	ng/ul	98
85) Benzo(a)anthracene	21.510	228	414220	18.235	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	252713	19.474	ng/ul	99
87) Chrysene	21.574	228	393778	18.276	ng/ul	98
89) Di-n-octyl phthalate	22.585	149	427774	19.377	ng/ul	100
90) Benzo(b)fluoranthene	23.666	252	428639	17.855	ng/ul	98
91) Benzo(k)fluoranthene	23.730	252	425067	17.753	ng/ul	98
93) Benzo(a)pyrene	24.512	252	380594	17.824	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.225	276	511685	18.188	ng/ul	98
95) Dibenzo(a,h)anthracene	28.290	278	428460	18.573	ng/ul	96
96) Benzo(g,h,i)perylene	29.347	276	406073	17.716	ng/ul	98

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

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