

Data File : BM009883.D

Acq On : 03 May 2017 20:17

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

LabSampleId :

SSTD02047

Manual Integrations
APPROVEDmohammad
5/4/2017 5:01:36 PM

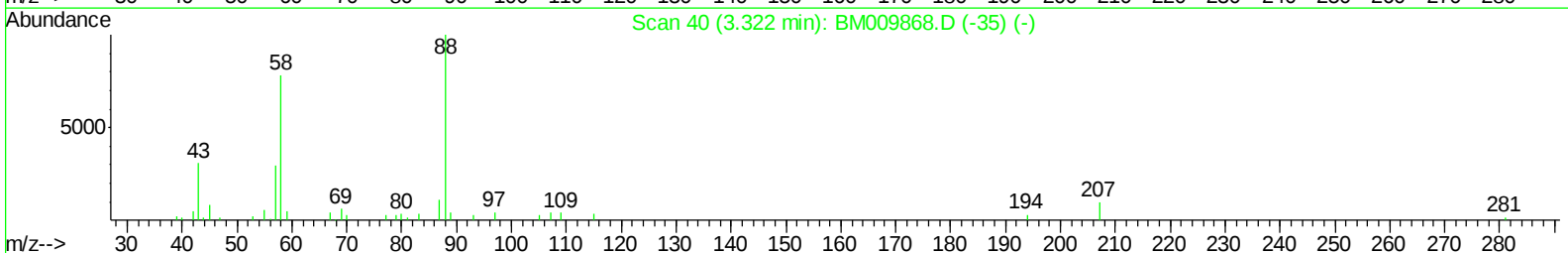
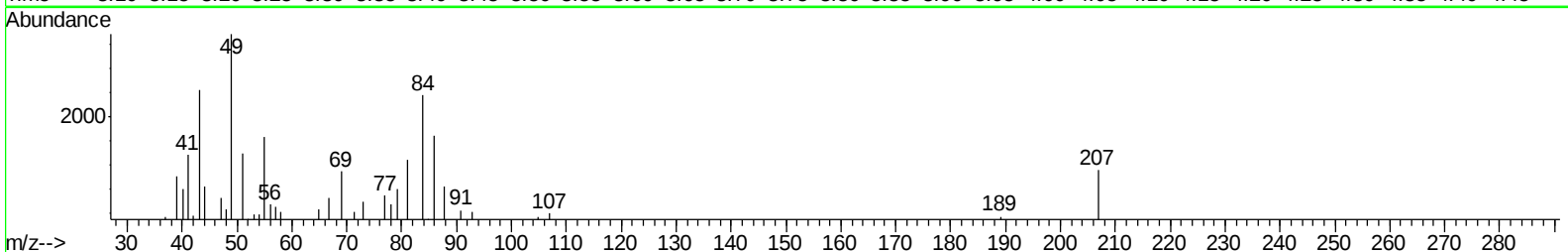
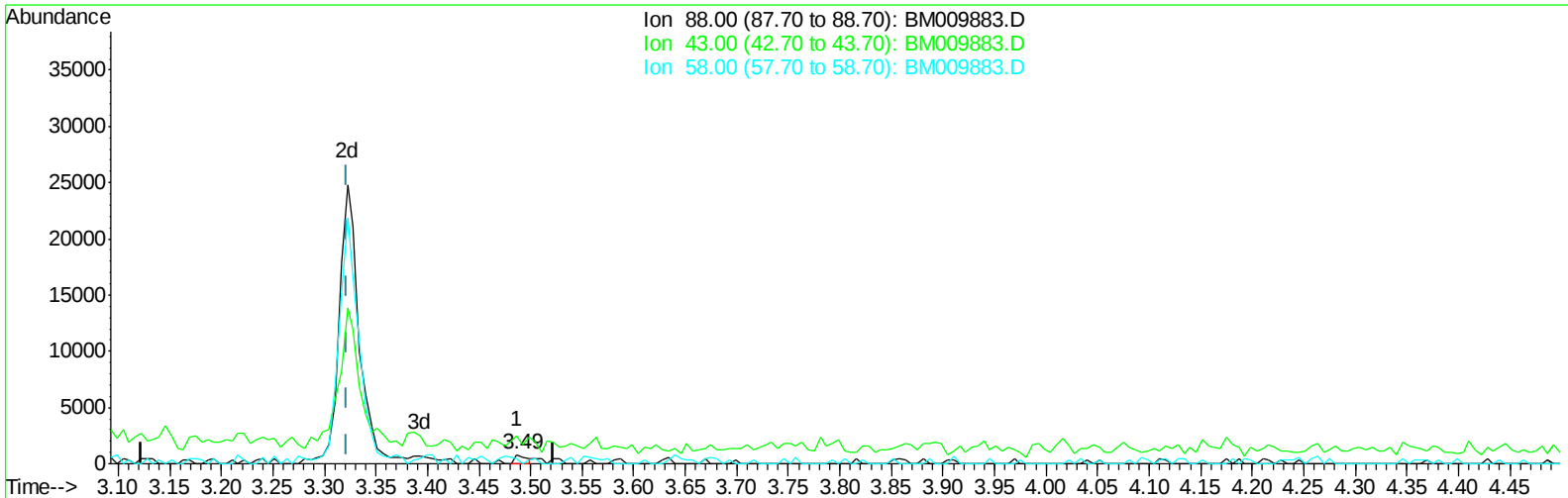
Quant Time: May 04 02:05:22 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu May 04 02:03:11 2017

Response via : Initial Calibration



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(2) 1,4-Dioxane

3.487min (+0.164) 0.15ng/uL

response 637

Ion	Exp%	Act%
88.00	100	100
43.00	73.70	72.68
58.00	109.30	114.29
0.00	0.00	0.00

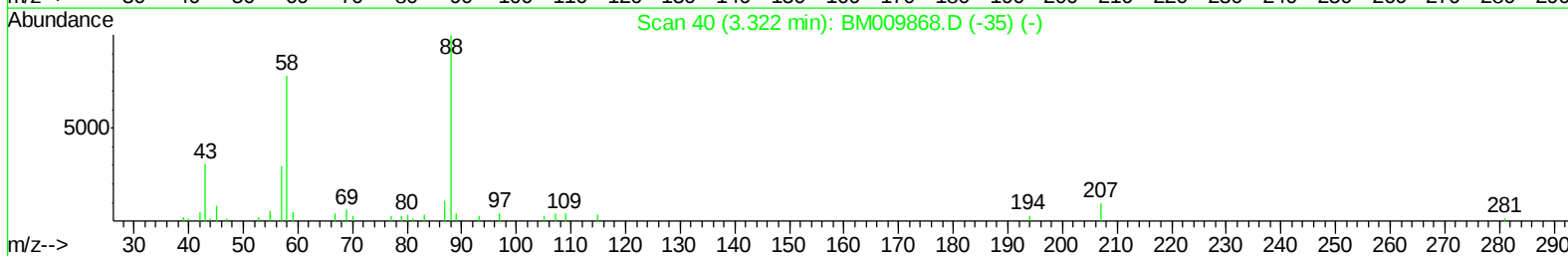
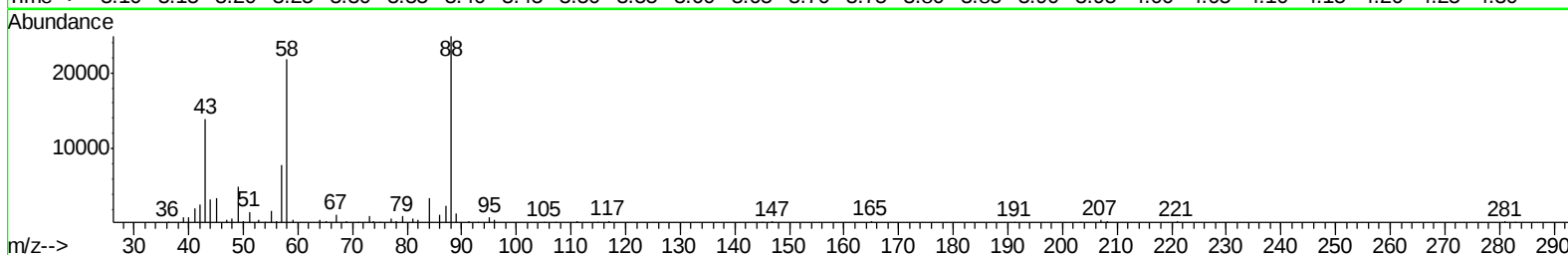
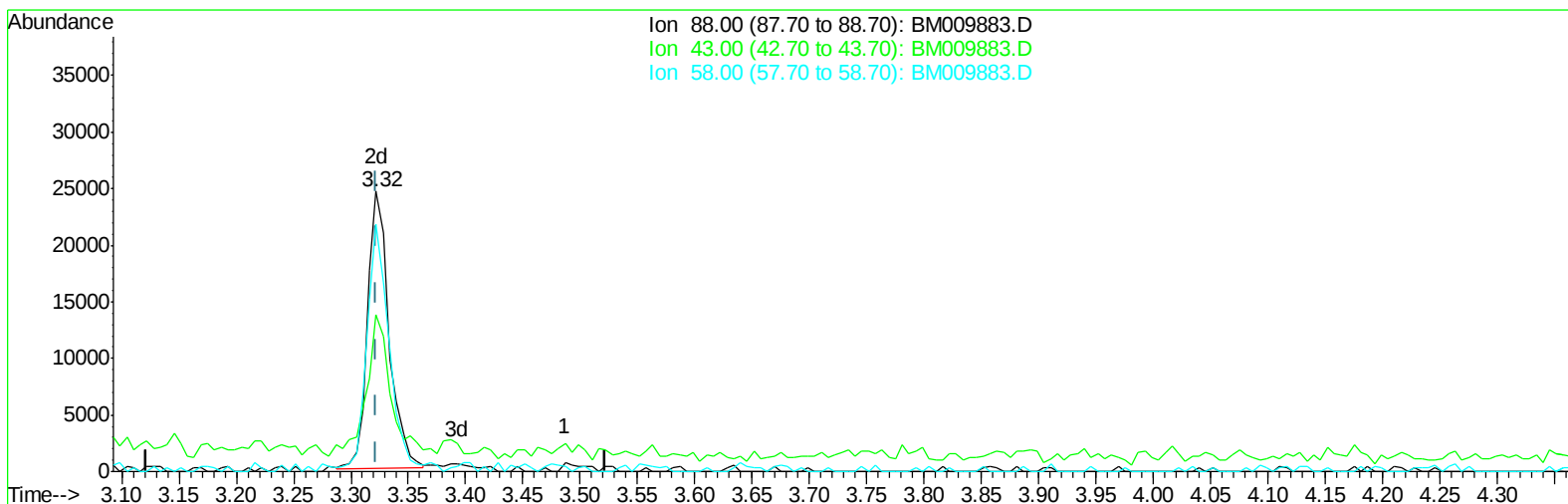
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(2) 1,4-Dioxane

3.322min (-0.000) 7.42ng/uL m

response 32197

Ion	Exp%	Act%
88.00	100	100
43.00	73.70	1.44#
58.00	109.30	2.26#
0.00	0.00	0.00

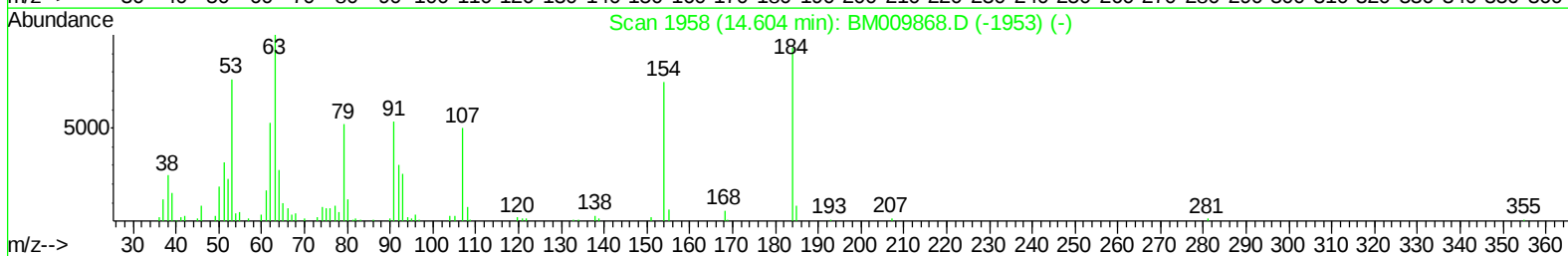
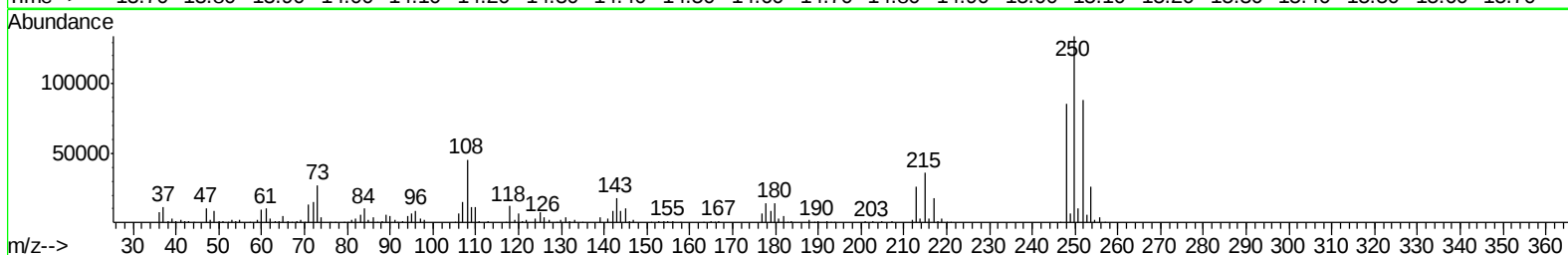
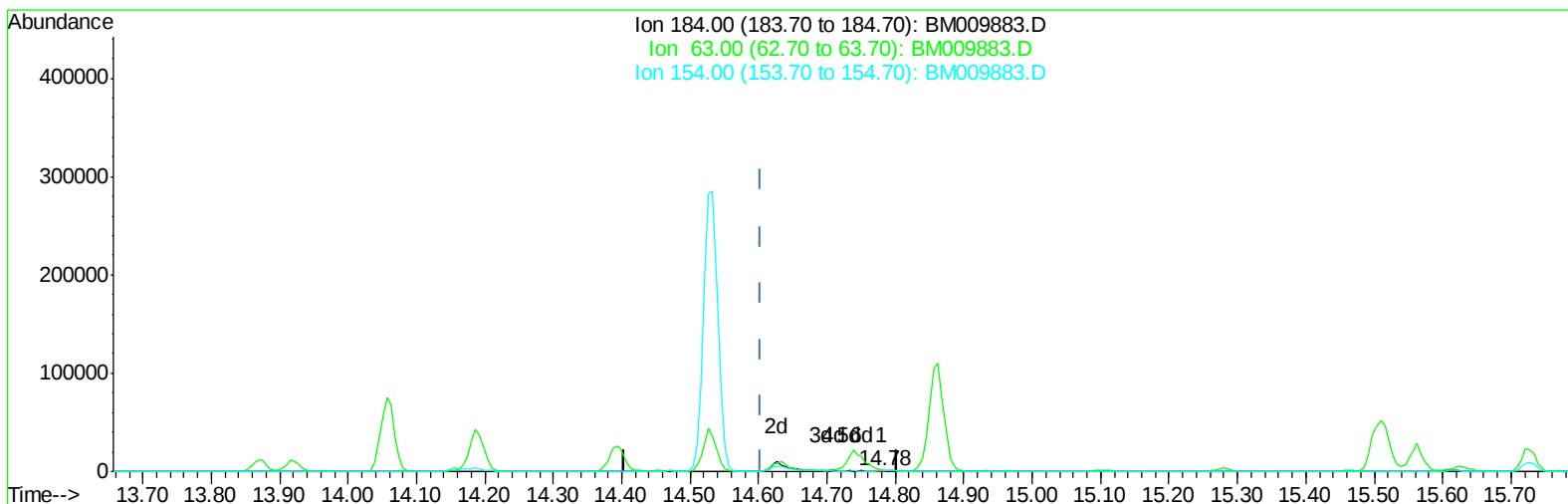
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(50) 2,4-Dinitrophenol

14.780min (+0.176) 0.18ng/ul

response 736

Ion	Exp%	Act%
184.00	100	100
63.00	124.50	127.11
154.00	95.60	114.44
0.00	0.00	0.00

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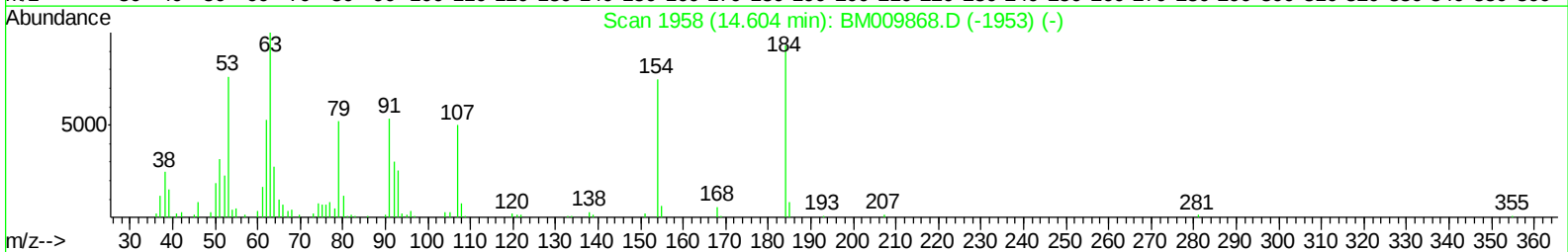
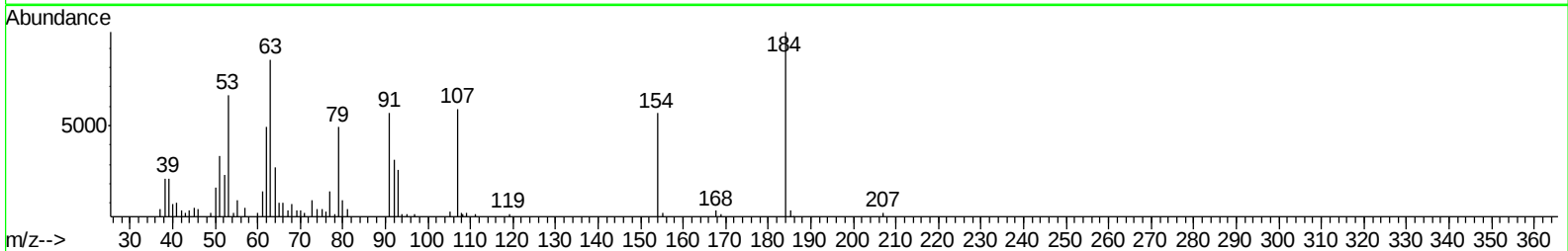
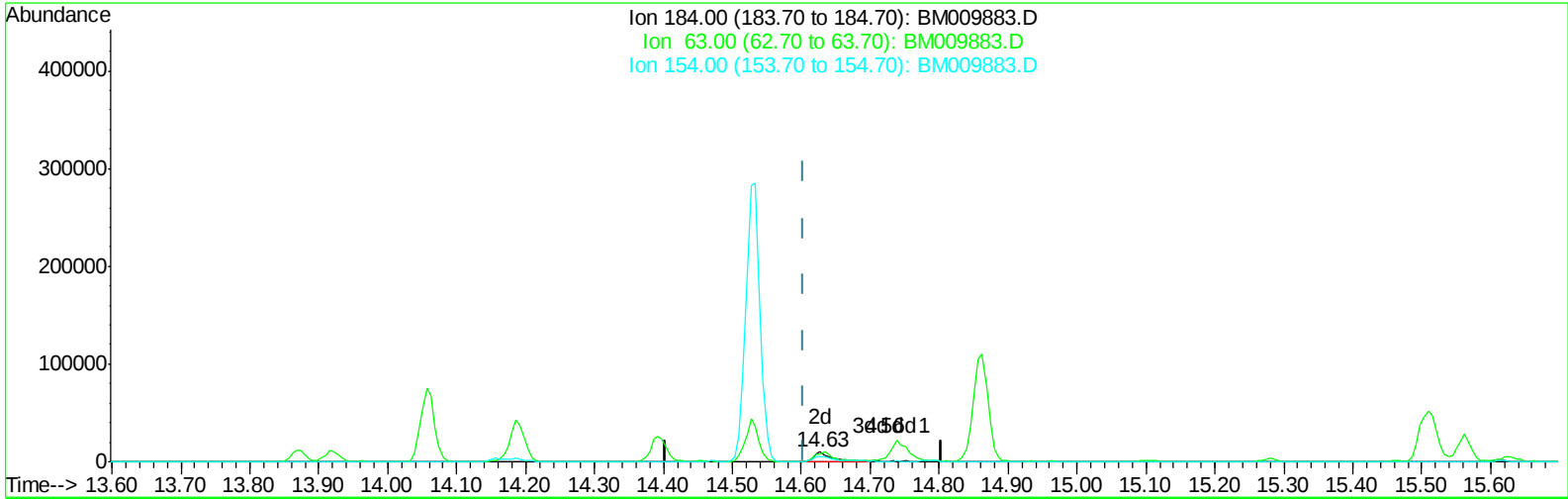
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(50) 2,4-Dinitrophenol

14.627min (+0.023) 4.32ng/ul m

response 17336

Ion	Exp%	Act%
184.00	100	100
63.00	124.50	85.56#
154.00	95.60	57.31#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	162079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	672080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	348510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	632304	20.00	ng/ul	0.01
75) Chrysene-d12	21.40	240	706782	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	709844	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	29621	8.42	ng/uL	0.00
5) Phenol-d5	7.00	99	316674	17.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	224758	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	217320	19.40	ng/ul	0.01
13) 4-Methylphenol-d8	8.54	113	240686	17.53	ng/ul	0.02
19) Nitrobenzene-d5	8.99	128	108557	19.84	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	115697	20.10	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	218890	19.02	ng/ul	0.02
29) 4-Chloroaniline-d4	10.76	131	265075	19.11	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	587844	19.39	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	725446	19.84	ng/ul	0.01
51) 4-Nitrophenol-d4	14.73	143	67124	11.48	ng/ul	0.04
57) Fluorene-d10	15.46	176	473753	17.31	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.62	200	28940	6.49	ng/ul	0.02
70) Anthracene-d10	17.32	188	633022	19.50	ng/ul	0.01
76) Pyrene-d10	19.62	212	644186	20.65	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.58	264	669622	19.40	ng/ul	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.32	88	32197m	7.42	ng/uL
4) Benzaldehyde	6.96	77	236963	20.66	ng/ul# 87
6) Phenol	7.03	94	328940	18.07	ng/ul# 69
8) Bis(2-Chloroethyl)ether	7.24	93	256138	18.74	ng/ul 85
10) 2-Chlorophenol	7.39	128	227569	19.84	ng/ul# 78
11) 2-Methylphenol	8.27	108	236057	18.02	ng/ul 92
12) 2,2'-oxybis(1-Chloropropan	8.34	45	425484	18.64	ng/ul 97
14) Acetophenone	8.65	105	400814	17.75	ng/ul# 77
15) N-Nitroso-di-n-propylamine	8.62	70	247638	17.66	ng/ul# 87
16) 4-Methylphenol	8.60	108	254894	17.58	ng/ul 99
17) Hexachloroethane	8.87	117	93361	17.53	ng/ul 95
20) Nitrobenzene	9.03	77	351470	19.78	ng/ul# 88
21) Isophorone	9.55	82	579799	18.43	ng/ul# 96
23) 2-Nitrophenol	9.73	139	122713	19.58	ng/ul# 56
24) 2,4-Dimethylphenol	9.80	107	295951	18.99	ng/ul# 86
25) Bis(2-Chloroethoxy)methane	10.02	93	341223	18.71	ng/ul 94
27) 2,4-Dichlorophenol	10.28	162	208820	18.41	ng/ul# 91
28) Naphthalene	10.66	128	695483	19.43	ng/ul 98
30) 4-Chloroaniline	10.79	127	265306	19.16	ng/ul 98
31) Hexachlorobutadiene	10.92	225	160987	20.32	ng/ul 95
32) Caprolactam	11.60	113	63386	14.80	ng/ul# 82
33) 4-Chloro-3-methylphenol	11.93	107	238806	16.89	ng/ul 96
34) 2-Methylnaphthalene	12.27	142	473055	17.19	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	271979	23.01	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	9020	1.43	ng/ul#	81
38) 2,4,6-Trichlorophenol	12.90	196	165527	20.62	ng/ul	89
39) 2,4,5-Trichlorophenol	12.99	196	166188	20.08	ng/ul	93
40) 1,1'-Biphenyl	13.29	154	610644	21.31	ng/ul	95
41) 2-Chloronaphthalene	13.34	162	472975	21.46	ng/ul	95
42) 2-Nitroaniline	13.56	65	195785	20.85	ng/ul#	78
44) Dimethylphthalate	13.92	163	570309	19.02	ng/ul	98
45) 2,6-Dinitrotoluene	14.06	165	112690	18.71	ng/ul#	82
47) Acenaphthylene	14.19	152	700254	19.42	ng/ul	99
48) 3-Nitroaniline	14.39	138	111612	18.76	ng/ul#	79
49) Acenaphthene	14.53	153	471548	19.24	ng/ul	97
50) 2,4-Dinitrophenol	14.63	184	17336m	4.32	ng/ul	
52) 4-Nitrophenol	14.74	109	75059	11.20	ng/ul#	75
53) Dibenzofuran	14.87	168	664588	18.51	ng/ul	92
54) 2,4-Dinitrotoluene	14.86	165	146602	16.15	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.10	232	114973	14.33	ng/ul#	96
56) Diethylphthalate	15.28	149	566202	17.31	ng/ul	98
58) Fluorene	15.52	166	526017	17.16	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.50	204	276591	17.41	ng/ul	95
60) 4-Nitroaniline	15.56	138	105189	15.15	ng/ul#	35
63) 4,6-Dinitro-2-methylphenol	15.63	198	30401	6.61	ng/ul#	89
64) N-Nitrosodiphenylamine	15.73	169	439191	22.64	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	161645	22.39	ng/ul	85
66) Hexachlorobenzene	16.52	284	164475	20.81	ng/ul	93
67) Atrazine	16.68	200	154332	19.83	ng/ul	96
68) Pentachlorophenol	16.89	266	53024	10.89	ng/ul	91
69) Phenanthrene	17.26	178	692814	19.06	ng/ul	98
71) Anthracene	17.36	178	732523	19.26	ng/ul	97
72) Carbazole	17.63	167	588038	17.19	ng/ul	99
73) Di-n-butylphthalate	18.17	149	835438	20.04	ng/ul	98
74) Fluoranthene	19.28	202	762490	16.64	ng/ul#	89
77) Pyrene	19.64	202	793491	19.88	ng/ul#	90
78) Butylbenzylphthalate	20.53	149	353787	21.37	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.32	252	253368	19.38	ng/ul	98
80) Benzo(a)anthracene	21.39	228	836789	19.97	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.29	149	526860	21.01	ng/ul	100
82) Chrysene	21.44	228	745756	19.77	ng/ul	98
84) Di-n-octyl phthalate	22.18	149	921511	17.77	ng/ul#	66
85) Benzo(b)fluoranthene	23.03	252	858519	18.62	ng/ul#	93
86) Benzo(k)fluoranthene	23.07	252	828764	19.63	ng/ul#	92
88) Benzo(a)pyrene	23.63	252	850894	19.84	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.10	276	1023165	22.04	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.11	278	844162	21.35	ng/ul#	94
91) Benzo(g,h,i)perylene	26.84	276	838553	22.47	ng/ul#	91

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

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