Quantitation Report (Qedit)

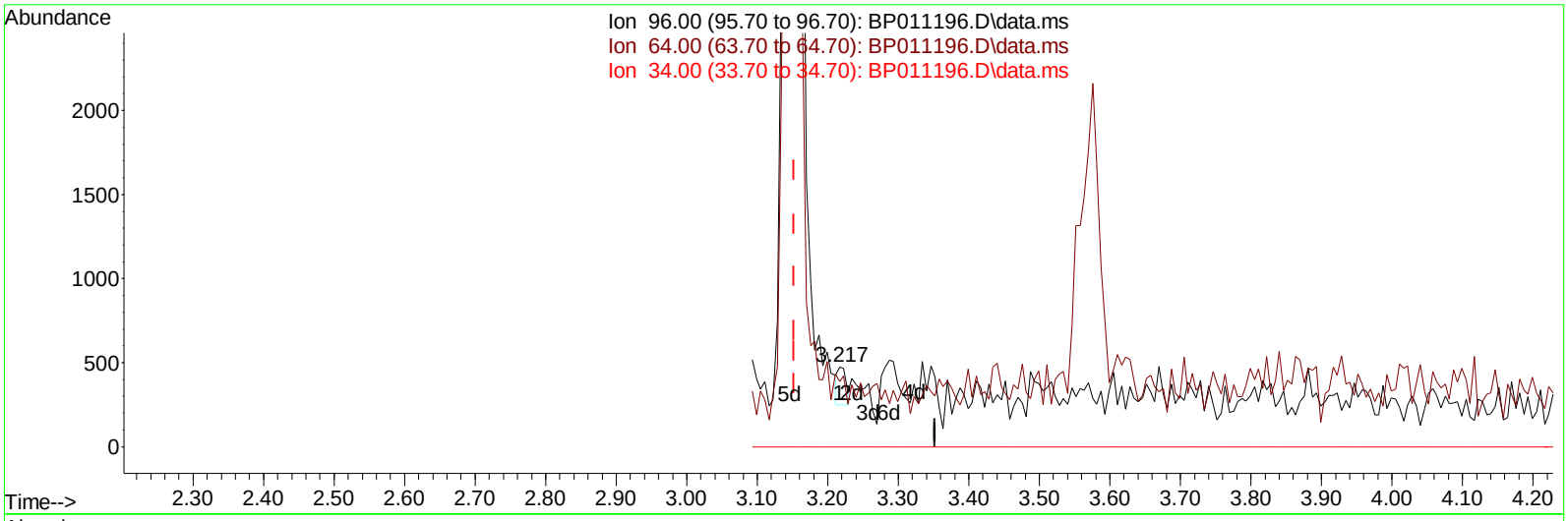
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011196.D
Acq On : 01 Aug 2022 13:02
Operator : CG/JU
Sample : PB146543BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

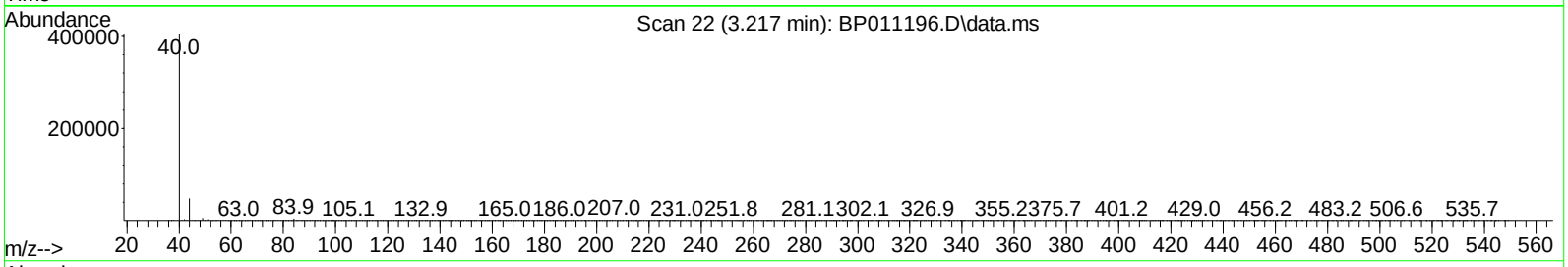
Quant Time: Aug 01 22:59:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 16:05:22 2022
Response via : Initial Calibration

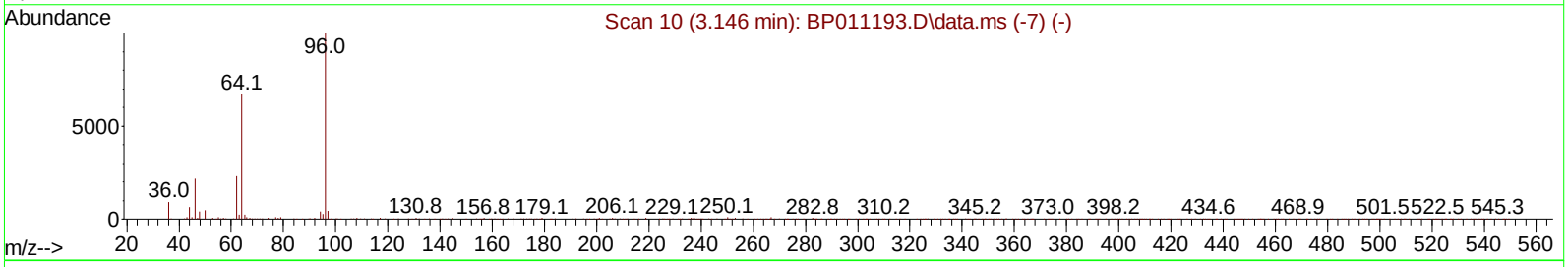
Instrument :
BNA_P
ClientSampleId :
SLCS543

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022







TIC: BP011196.D\data.ms

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

3.217min (+ 0.065) 0.03 ng/uL

response 182

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	83.90	81.65
34.00	0.00	0.00
0.00	0.00	0.00

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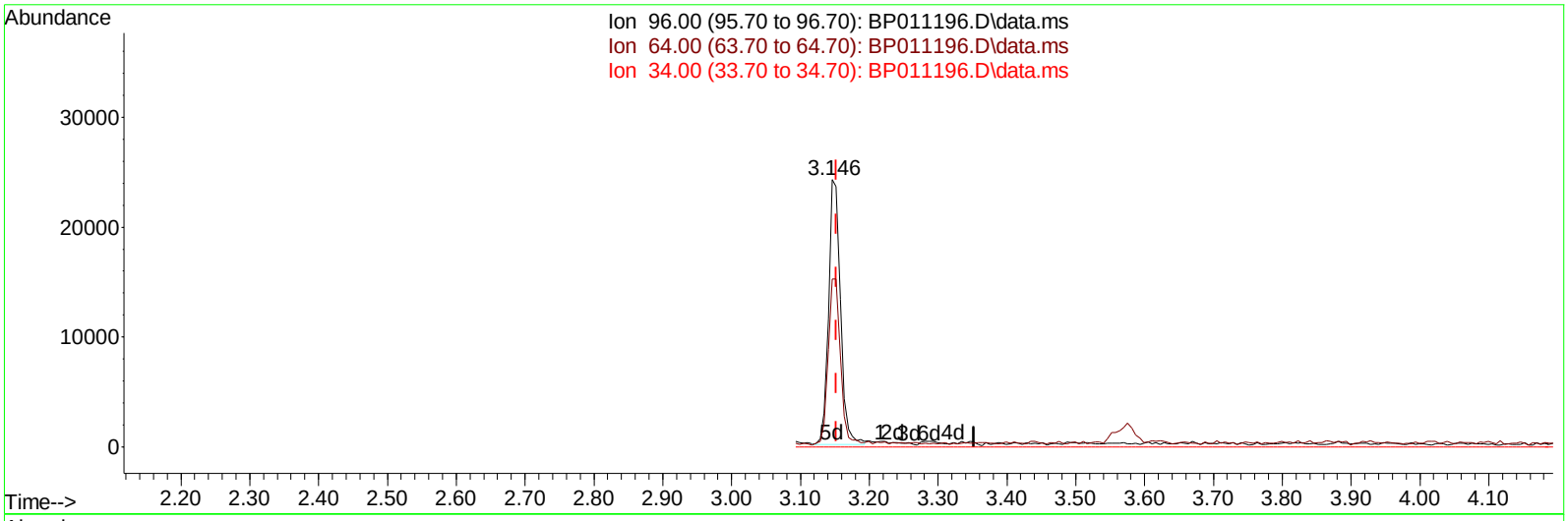

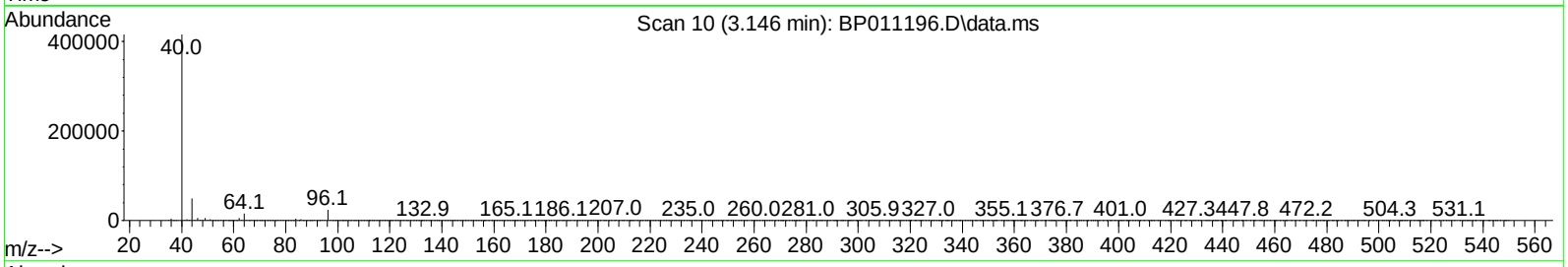

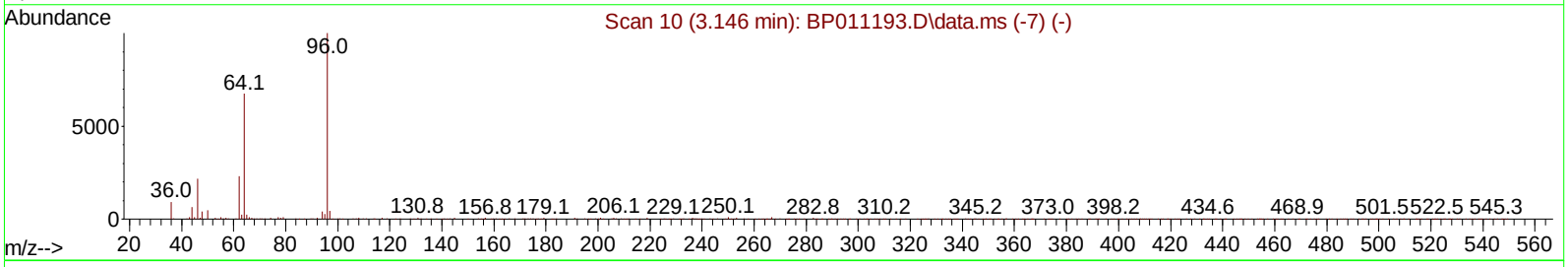

TIC: BP011196.D\data.ms

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

3.146min (-0.006) 5.33 ng/uL m

response 29323

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	83.90	62.89#
34.00	0.00	0.00
0.00	0.00	0.00

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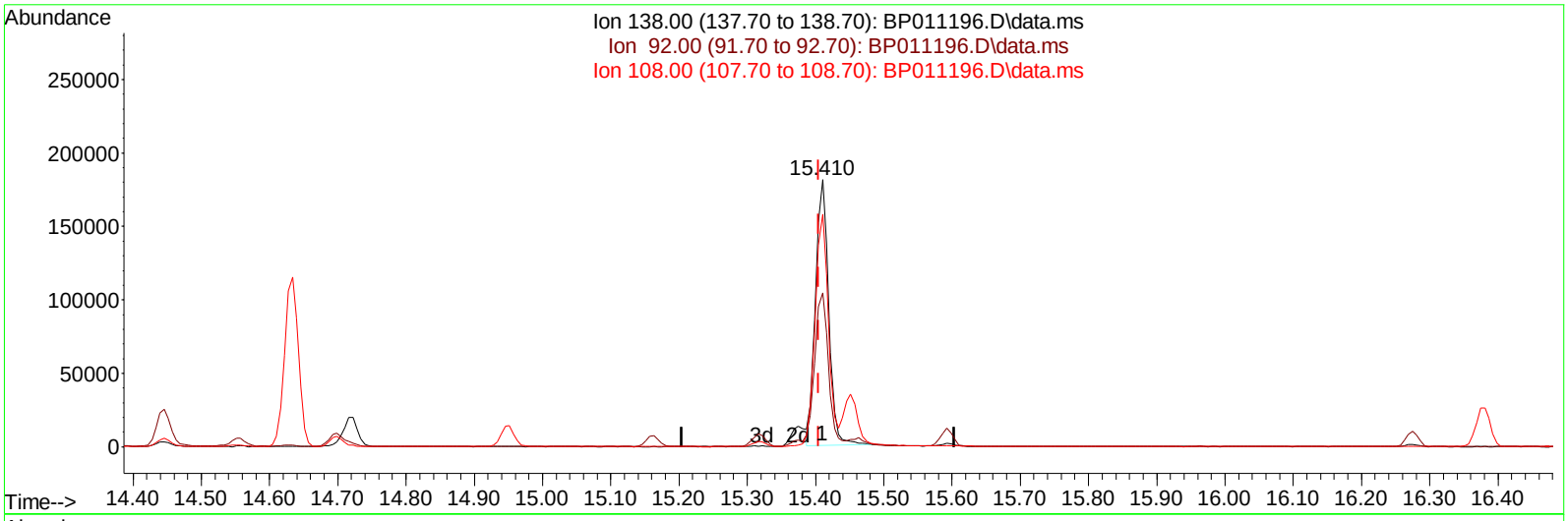

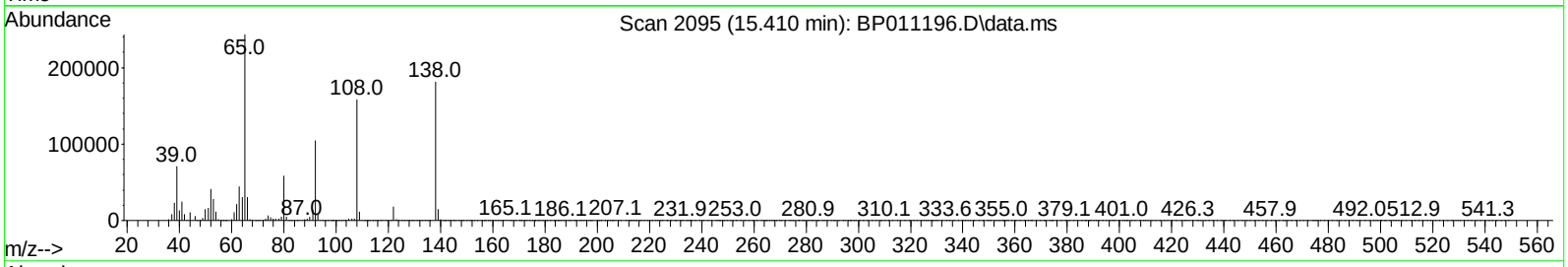

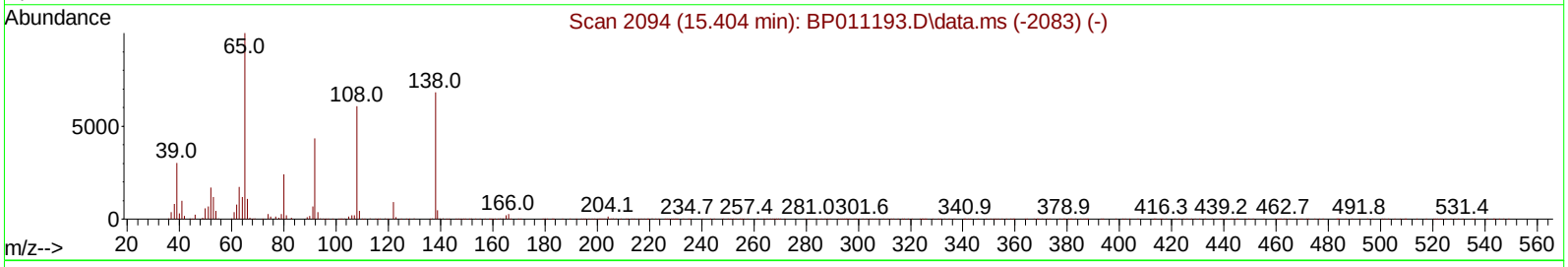

TIC: BP011196.D\data.ms

(63) 4-Nitroaniline

15.410min (+ 0.006) 45.59 ng/ul

response 243774

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	57.67
108.00	107.30	87.01
0.00	0.00	0.00

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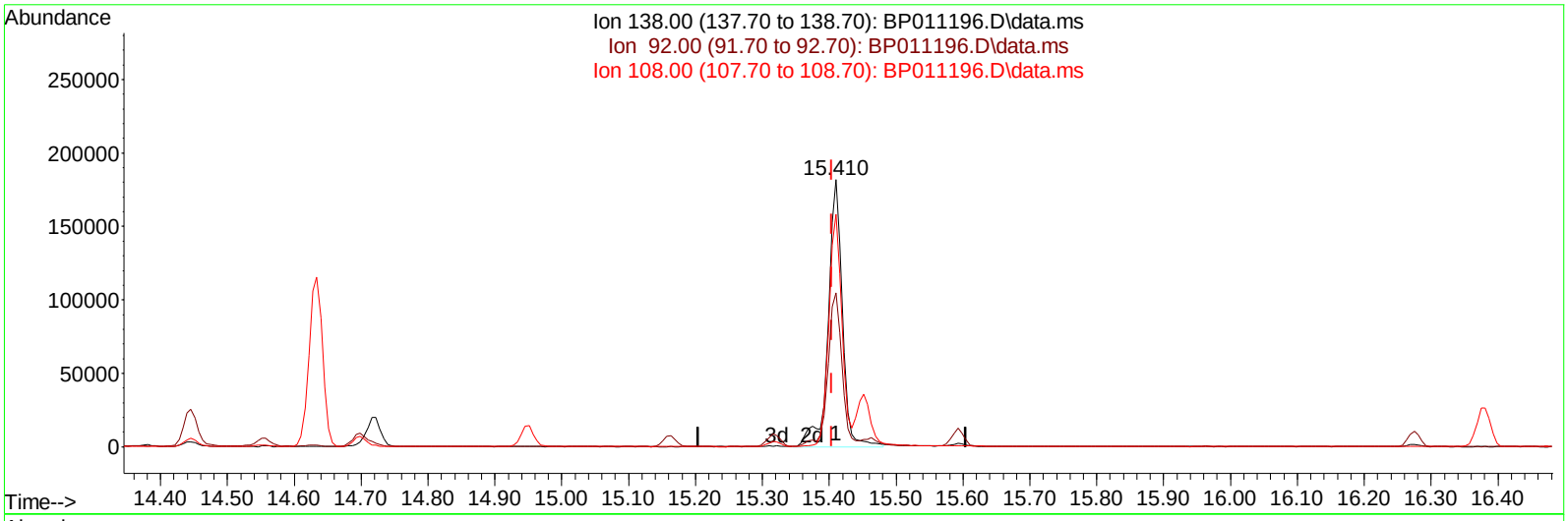

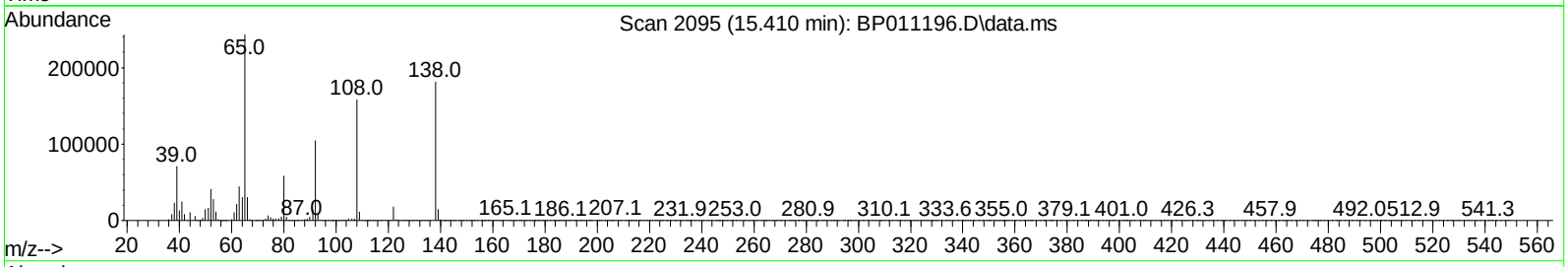

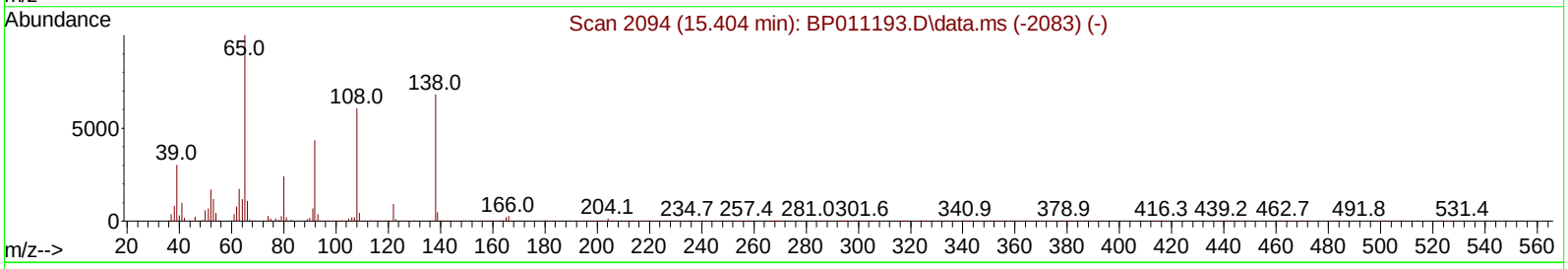

TIC: BP011196.D\data.ms

(63) 4-Nitroaniline

15.410min (+ 0.006) 50.75 ng/ul m

response 271333

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	57.67
108.00	107.30	87.01
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	252133	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1069422	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.316	164	485686	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	833631	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.216	240	853608	20.000	ng/ul	# 0.00
88) Perylene-d12	23.557	264	937923	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	29323m	5.326	ng/uL	0.00
4) Pyridine-d5	3.558	84	427654	27.457	ng/ul	0.00
7) Phenol-d5	6.828	99	823903	37.438	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	588053	37.789	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	666683	38.441	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	640335	35.569	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	322959	38.859	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	309693	38.901	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	526930	37.558	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	770508	33.877	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1280970	38.711	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1677893	40.351	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	211957	35.610	ng/ul	0.00
60) Fluorene-d10	15.316	176	1031783	37.107	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	152522	36.295	ng/ul	0.00
73) Anthracene-d10	17.187	188	1435845	39.090	ng/ul	0.00
81) Pyrene-d10	19.445	212	1667563	36.356	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1881805	40.394	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	63788	11.193	ng/uL#	81
5) Pyridine	3.575	79	455476	28.348	ng/ul#	73
6) Benzaldehyde	6.799	77	629467	59.296	ng/ul	97
8) Phenol	6.858	94	914677	38.740	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.087	93	778041	40.643	ng/ul	95
12) 2-Chlorophenol	7.211	128	722594	40.076	ng/ul	99
13) 2-Methylphenol	8.099	108	679178	38.811	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	1317859	41.102	ng/ul	96
16) Acetophenone	8.475	105	1116759	39.879	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.469	70	586715	39.635	ng/ul	97
18) 4-Methylphenol	8.434	108	714492	37.912	ng/ul	99
19) Hexachloroethane	8.716	117	327588	40.446	ng/ul#	75
22) Nitrobenzene	8.858	77	914556	42.800	ng/ul	97
23) Isophorone	9.387	82	1574375	40.721	ng/ul	98
25) 2-Nitrophenol	9.563	139	363729	40.660	ng/ul	90
26) 2,4-Dimethylphenol	9.628	107	741791	38.600	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.869	93	987562	40.654	ng/ul	99
29) 2,4-Dichlorophenol	10.093	162	559539	38.562	ng/ul	97
30) Naphthalene	10.493	128	2272819	40.396	ng/ul	100
32) 4-Chloroaniline	10.616	127	821574	36.353	ng/ul	99
33) Hexachlorobutadiene	10.769	225	362213	40.873	ng/ul	96
34) Caprolactam	11.416	113	156379	32.406	ng/ul	95
35) 4-Chloro-3-methylphenol	11.752	107	600168	36.889	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	1344999	37.776	ng/ul	98
37) 1-Methylnaphthalene	12.334	142	1336682	37.475	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.487	216	569280	42.129	ng/ul#	97
40) Hexachlorocyclopentadiene	12.463	237	333940	37.484	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	353892	41.707	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	365975	40.743	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	1629454	41.989	ng/ul#	97
44) 2-Chloronaphthalene	13.181	162	1210621	41.729	ng/ul	95
45) 2-Nitroaniline	13.398	65	355910	42.211	ng/ul	97
47) Dimethylphthalate	13.787	163	1363075	40.902	ng/ul	98
48) 2,6-Dinitrotoluene	13.904	165	251596	43.207	ng/ul	88
50) Acenaphthylene	14.034	152	1856779	39.970	ng/ul	98
51) 3-Nitroaniline	14.234	138	269757	42.894	ng/ul	99
52) Acenaphthene	14.381	153	1263434	41.638	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	109047	33.205	ng/ul	97
55) 4-Nitrophenol	14.557	109	195469	38.219	ng/ul#	78
56) Dibenzofuran	14.716	168	1614101	39.135	ng/ul	96
57) 2,4-Dinitrotoluene	14.698	165	351645	43.282	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	264013	40.422	ng/ul#	81
59) Diethylphthalate	15.163	149	1377000	41.342	ng/ul	97
61) Fluorene	15.375	166	1279209	39.886	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	564323	38.661	ng/ul	90
63) 4-Nitroaniline	15.410	138	271333m	50.748	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	168647	39.515	ng/ul#	89
67) N-Nitrosodiphenylamine	15.592	169	1037581	40.501	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	324133	40.519	ng/ul#	89
69) Hexachlorobenzene	16.381	284	368368	40.254	ng/ul#	89
70) Atrazine	16.563	200	291149	36.139	ng/ul	98
71) Pentachlorophenol	16.734	266	202626	38.566	ng/ul	98
72) Phenanthrene	17.128	178	1870969	41.009	ng/ul	98
74) Anthracene	17.222	178	1880899	41.672	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	578707	40.268	ng/uL	98
76) Pentachlorobenzene	14.634	250	476458	40.225	ng/uL	99
77) Carbazole	17.504	167	1736248	43.419	ng/ul	98
78) Di-n-butylphthalate	18.069	149	2138353	44.717	ng/ul	99
80) Fluoranthene	19.116	202	2142021	37.805	ng/ul#	84
82) Pyrene	19.475	202	2229810	38.298	ng/ul#	82
83) Butylbenzylphthalate	20.369	149	987114	42.339	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.139	252	709590	47.659	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	2258387	42.560	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.139	149	1514089	42.970	ng/ul#	95
87) Chrysene	21.251	228	2186603	41.451	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	2815360	43.674	ng/ul	100
90) Benzo(b)fluoranthene	22.845	252	2515475	42.543	ng/ul#	95
91) Benzo(k)fluoranthene	22.892	252	2413827	43.015	ng/ul#	95
93) Benzo(a)pyrene	23.457	252	2218144	38.460	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.986	276	3003233	42.267	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.010	278	2485732	40.788	ng/ul#	92
96) Benzo(g,h,i)perylene	26.733	276	2477120	40.309	ng/ul#	87

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

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