Quantitation Report (Qedit)

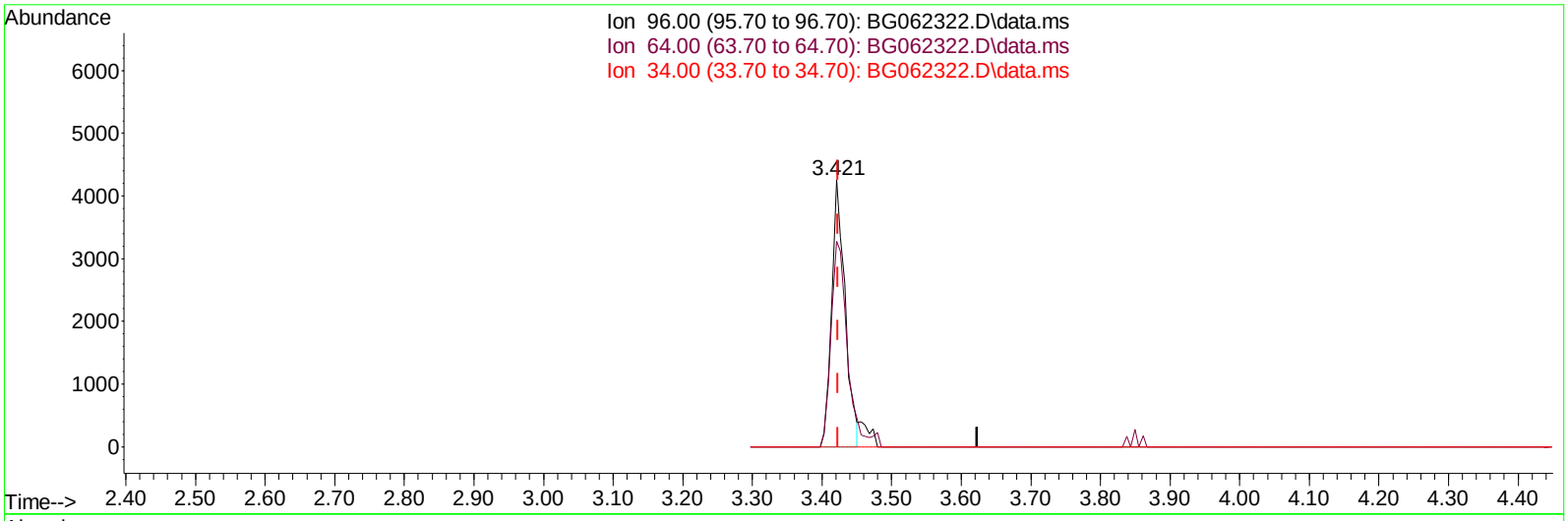
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062322.D
Acq On : 8 Aug 2024 6:35
Operator : MA/JU
Sample : P3437-07MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

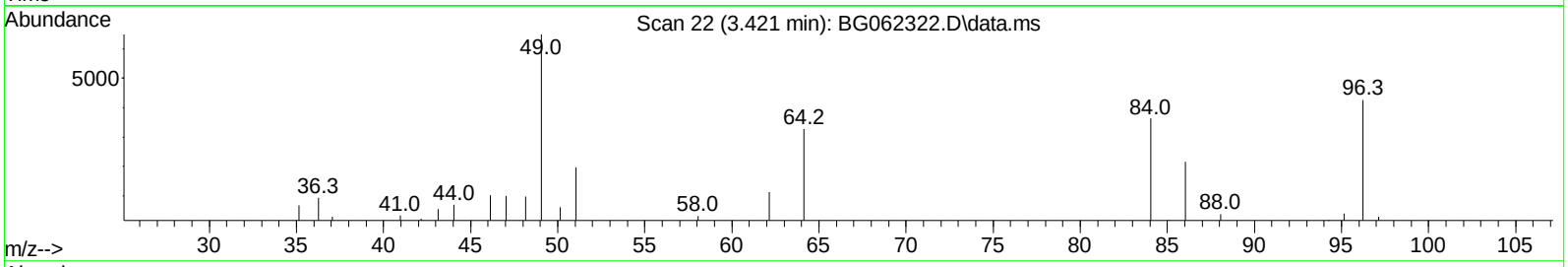
Quant Time: Aug 08 07:59:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:46:39 2024
Response via : Initial Calibration

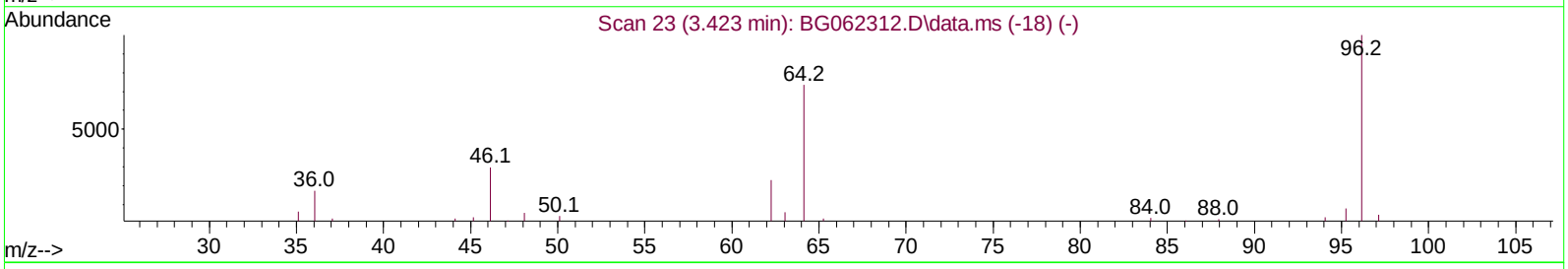
Instrument :
BNA_G
ClientSampleId :
E05W7MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BG062322.D\data.ms

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

3.421min (-0.002) 3.48 ng/uL

response 5723

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	84.50	76.98
34.00	0.00	0.00
0.00	0.00	0.00

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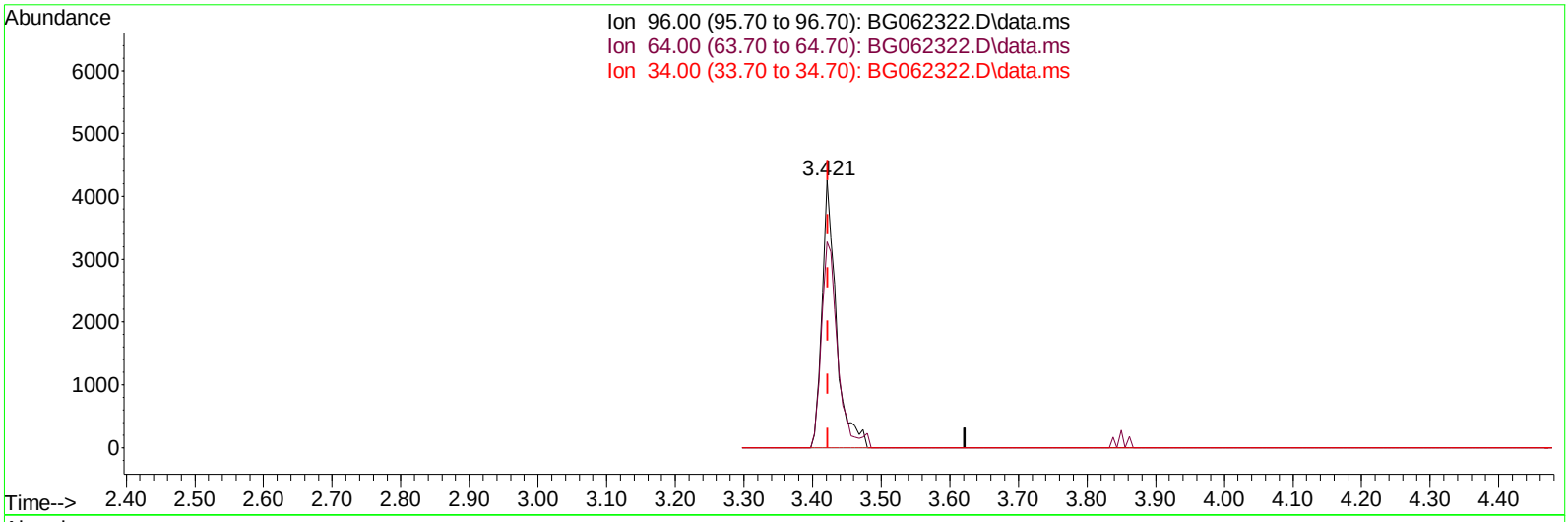

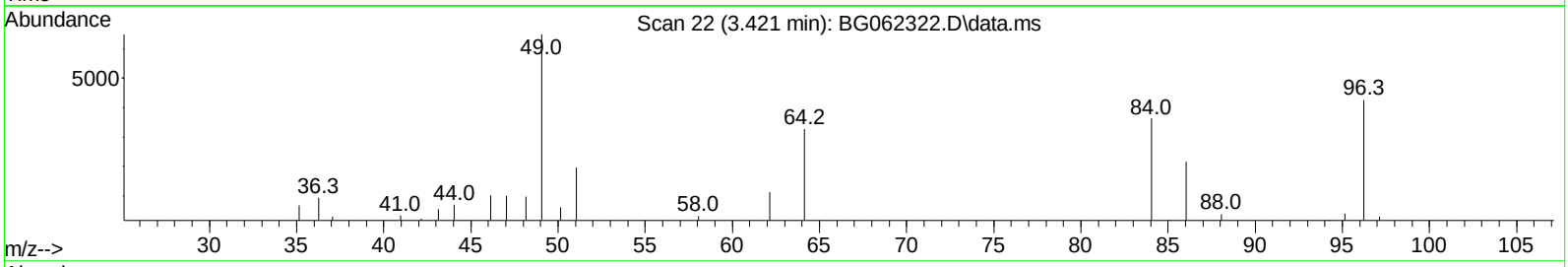

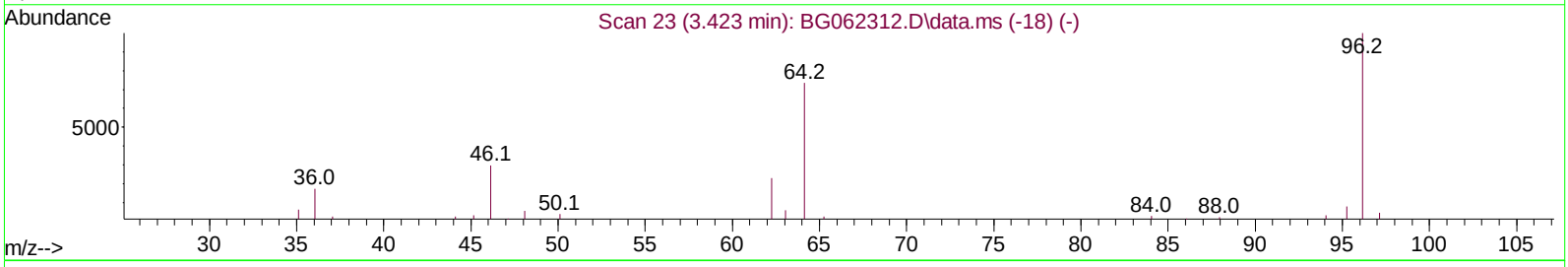

TIC: BG062322.D\data.ms

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

3.421min (-0.002) 3.75 ng/uL m

response 6160

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	84.50	76.98
34.00	0.00	0.00
0.00	0.00	0.00

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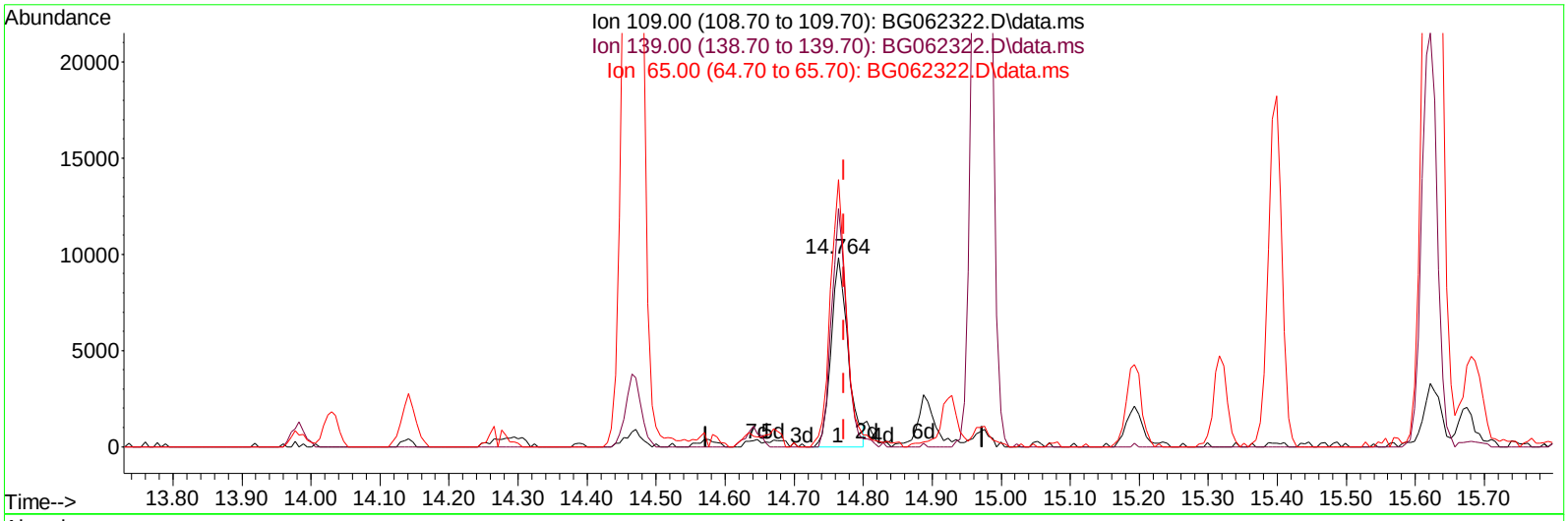

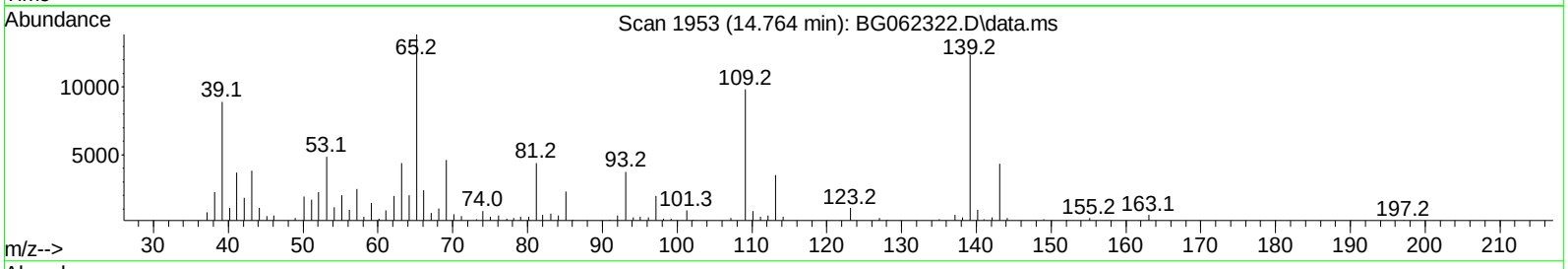

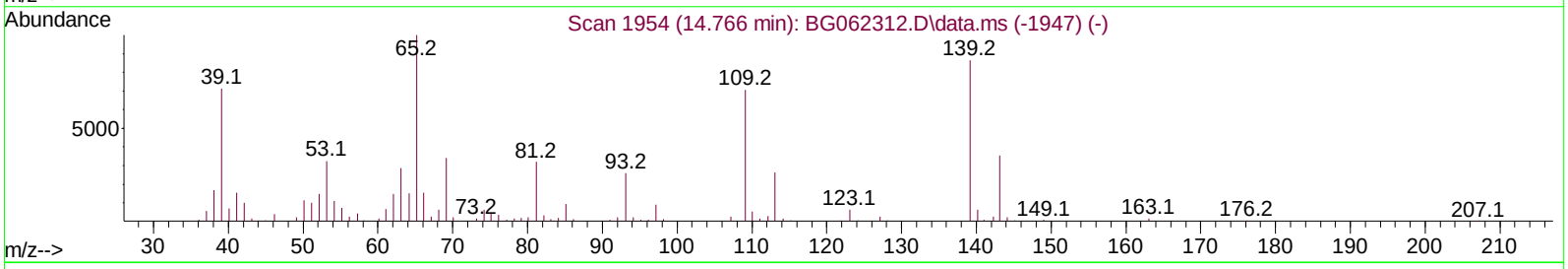

TIC: BG062322.D\data.ms

(55) 4-Nitrophenol

14.764min (-0.008) 7.13 ng/ul

response 16809

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	121.00	126.23
65.00	137.40	141.34
0.00	0.00	0.00

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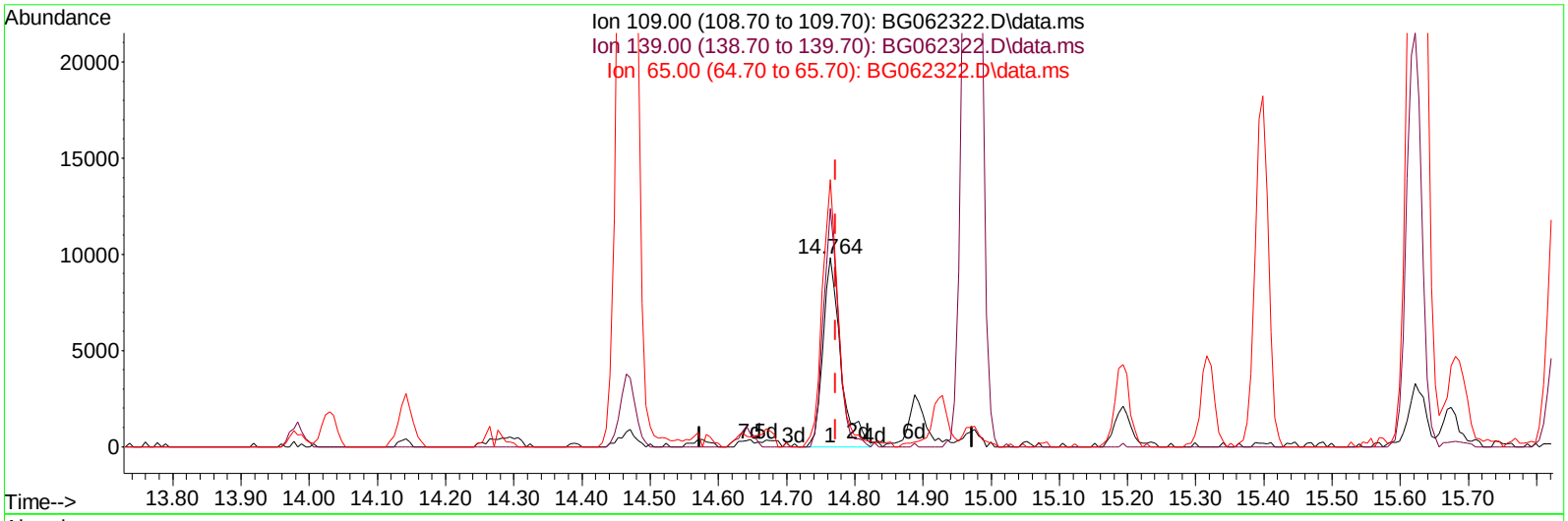

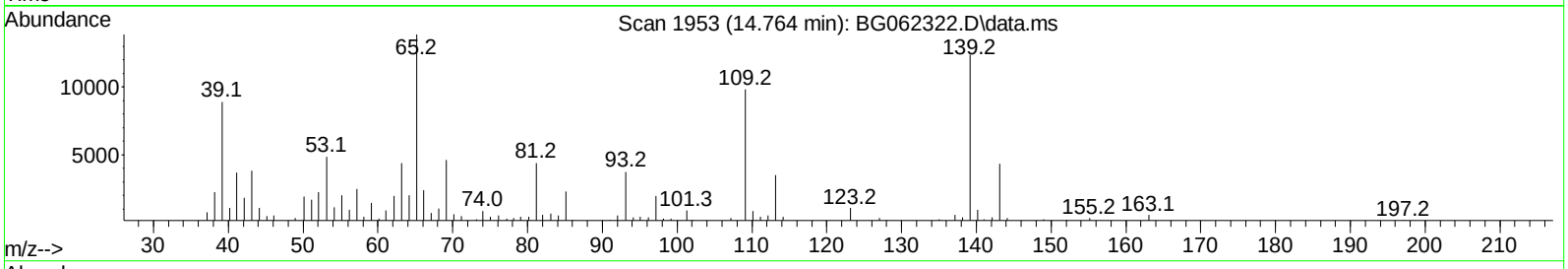

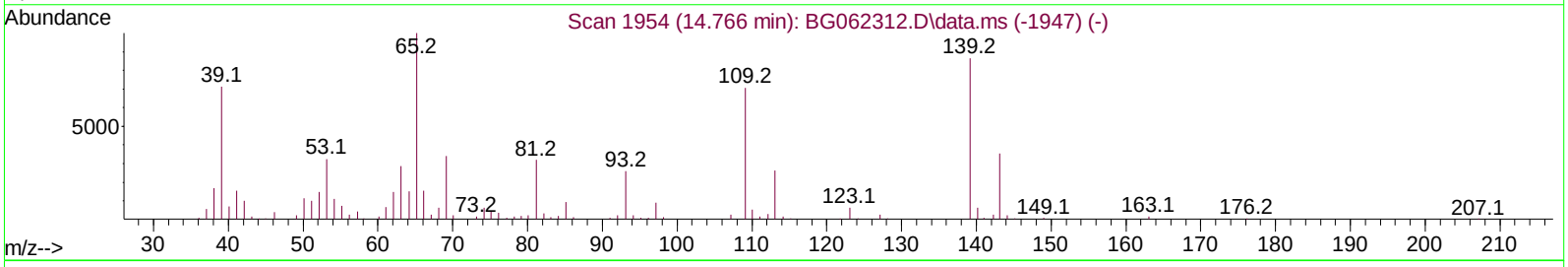

TIC: BG062322.D\data.ms

(55) 4-Nitrophenol

14.764min (-0.008) 7.53 ng/ul m

response 17774

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	121.00	126.23
65.00	137.40	141.34
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	70837	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	316777	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.576	164	244148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.314	188	521039	20.000	ng/ul	0.00
79) Chrysene-d12	21.555	240	513905	20.000	ng/ul	0.00
88) Perylene-d12	24.645	264	592908	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.421	96	6160m	3.750	ng/uL	0.00
4) Pyridine-d5	3.826	84	50233	9.719	ng/ul	0.00
7) Phenol-d5	7.110	99	39787	5.885	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.286	67	59637	14.329	ng/ul	0.00
11) 2-Chlorophenol-d4	7.492	132	72926	15.054	ng/ul	0.00
15) 4-Methylphenol-d8	8.649	113	65256	11.587	ng/ul	0.00
21) Nitrobenzene-d5	9.107	128	33496	17.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.830	143	36495	19.861	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.364	165	86940	16.290	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	175328	22.650	ng/ul	0.00
46) Dimethylphthalate-d6	13.983	166	269298	14.296	ng/ul	0.00
49) Acenaphthylene-d8	14.265	160	286472	13.413	ng/ul	0.00
54) 4-Nitrophenol-d4	14.752	143	18092	6.860	ng/ul	0.00
60) Fluorene-d10	15.563	176	234700	13.881	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	34504	22.360	ng/ul	0.00
73) Anthracene-d10	17.414	188	365497	14.544	ng/ul	0.00
81) Pyrene-d10	19.693	212	453834	14.858	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.428	264	464285	14.648	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.456	88	5952	3.209	ng/uL#	84
5) Pyridine	3.844	79	50496	9.400	ng/ul	91
6) Benzaldehyde	7.092	77	52873	14.797	ng/ul	98
8) Phenol	7.133	94	43014	6.029	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.380	93	66626	12.601	ng/ul	97
12) 2-Chlorophenol	7.521	128	72390	14.065	ng/ul	94
13) 2-Methylphenol	8.390	108	68258	12.689	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.479	45	133771	12.383	ng/ul	97
16) Acetophenone	8.772	105	115478	12.876	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.761	70	61379	12.878	ng/ul	96
18) 4-Methylphenol	8.714	108	70456	11.696	ng/ul	94
19) Hexachloroethane	9.043	117	24040	12.569	ng/ul	95
22) Nitrobenzene	9.148	77	85086	15.318	ng/ul	98
23) Isophorone	9.671	82	175560	13.138	ng/ul	98
25) 2-Nitrophenol	9.859	139	38546	17.294	ng/ul	91
26) 2,4-Dimethylphenol	9.918	107	90211	14.140	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.159	93	100472	13.332	ng/ul	99
29) 2,4-Dichlorophenol	10.394	162	82093	15.177	ng/ul	98
30) Naphthalene	10.805	128	226121	12.558	ng/ul	100
32) 4-Chloroaniline	10.899	127	149821	19.803	ng/ul	99
33) Hexachlorobutadiene	11.093	225	48941	11.955	ng/ul	97
34) Caprolactam	11.639	113	8602	4.546	ng/ul	94
35) 4-Chloro-3-methylphenol	12.015	107	103377	17.032	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	12.403	142	170736	13.763	ng/ul	99
37) 1-Methylnaphthalene	12.626	142	172852	13.449	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.773	216	107610	13.500	ng/ul	96
40) Hexachlorocyclopentadiene	12.755	237	34575	11.161	ng/ul	99
41) 2,4,6-Trichlorophenol	13.002	196	71157	15.392	ng/ul	97
42) 2,4,5-Trichlorophenol	13.072	196	81616	16.385	ng/ul	97
43) 1,1'-Biphenyl	13.413	154	240697	13.012	ng/ul	99
44) 2-Chloronaphthalene	13.448	162	191204	13.303	ng/ul	98
45) 2-Nitroaniline	13.642	65	70028	19.129	ng/ul	97
47) Dimethylphthalate	14.030	163	257645	13.634	ng/ul	98
48) 2,6-Dinitrotoluene	14.142	165	45571	17.662	ng/ul	96
50) Acenaphthylene	14.294	152	298958	13.137	ng/ul	98
51) 3-Nitroaniline	14.471	138	71535	24.354	ng/ul#	93
52) Acenaphthene	14.641	153	217566	12.841	ng/ul	99
53) 2,4-Dinitrophenol	14.670	184	19334	18.846	ng/ul	89
55) 4-Nitrophenol	14.764	109	17774m	7.535	ng/ul	
56) Dibenzofuran	14.970	168	309378	13.218	ng/ul	100
57) 2,4-Dinitrotoluene	14.929	165	67815	19.161	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.193	232	70942	15.816	ng/ul	98
59) Diethylphthalate	15.399	149	248907	13.044	ng/ul	97
61) Fluorene	15.622	166	243130	13.284	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.616	204	127522	13.515	ng/ul	97
63) 4-Nitroaniline	15.628	138	63337	22.375	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.687	198	37138	20.888	ng/ul	98
67) N-Nitrosodiphenylamine	15.827	169	220378	14.115	ng/ul	99
68) 4-Bromophenyl-phenylether	16.509	248	85290	14.367	ng/ul	96
69) Hexachlorobenzene	16.621	284	96558	13.982	ng/ul	97
70) Atrazine	16.773	200	83525	13.964	ng/ul	98
71) Pentachlorophenol	16.961	266	57917	15.927	ng/ul	95
72) Phenanthrene	17.355	178	406588	13.864	ng/ul	100
74) Anthracene	17.449	178	410226	13.629	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.378	216	105728	13.549	ng/ul	98
76) Pentachlorobenzene	14.893	250	107979	13.227	ng/ul	98
77) Carbazole	17.707	167	358385	14.519	ng/ul	99
78) Di-n-butylphthalate	18.289	149	435341	14.822	ng/ul	100
80) Fluoranthene	19.364	202	492116	14.249	ng/ul	97
82) Pyrene	19.722	202	513815	13.970	ng/ul	99
83) Butylbenzylphthalate	20.621	149	193797	15.267	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.455	252	122690	10.606	ng/ul	99
85) Benzo(a)anthracene	21.537	228	535392	14.226	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.473	149	285889	14.592	ng/ul	98
87) Chrysene	21.596	228	507375	14.281	ng/ul	99
89) Di-n-octyl phthalate	22.648	149	490555	14.524	ng/ul	100
90) Benzo(b)fluoranthene	23.664	252	516094	14.310	ng/ul	98
91) Benzo(k)fluoranthene	23.729	252	505536	13.778	ng/ul	99
93) Benzo(a)pyrene	24.498	252	457118	13.395	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.123	276	622308	14.072	ng/ul	98
95) Dibenzo(a,h)anthracene	28.193	278	507538	14.051	ng/ul	99
96) Benzo(g,h,i)perylene	29.203	276	467058	13.908	ng/ul	97

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

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