Quantitation Report (Qedit)

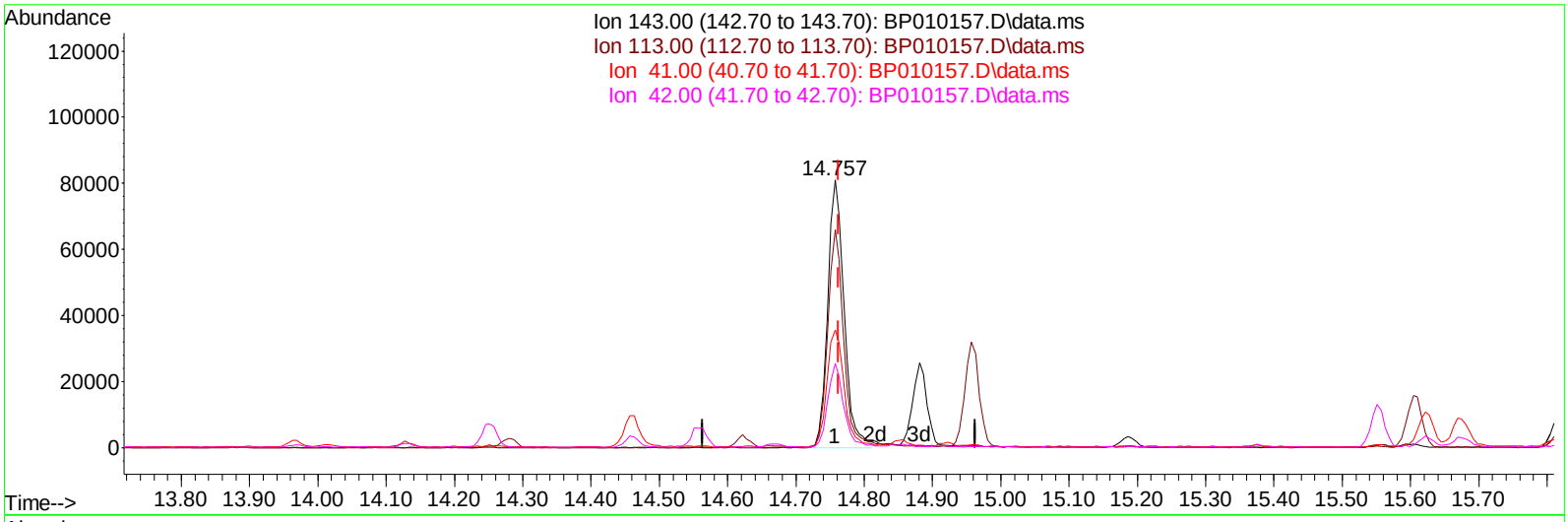
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042922\
Data File : BP010157.D
Acq On : 29 Apr 2022 18:23
Operator : CG/JU
Sample : PB144448BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

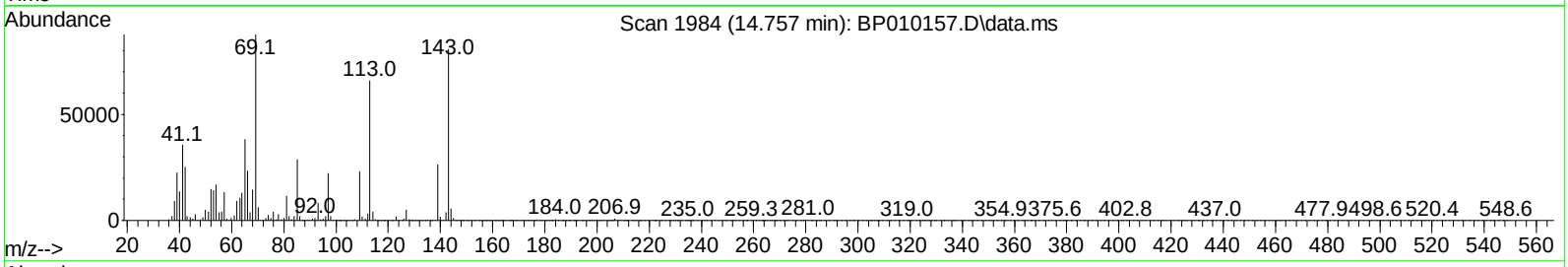
Quant Time: Apr 30 00:31:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

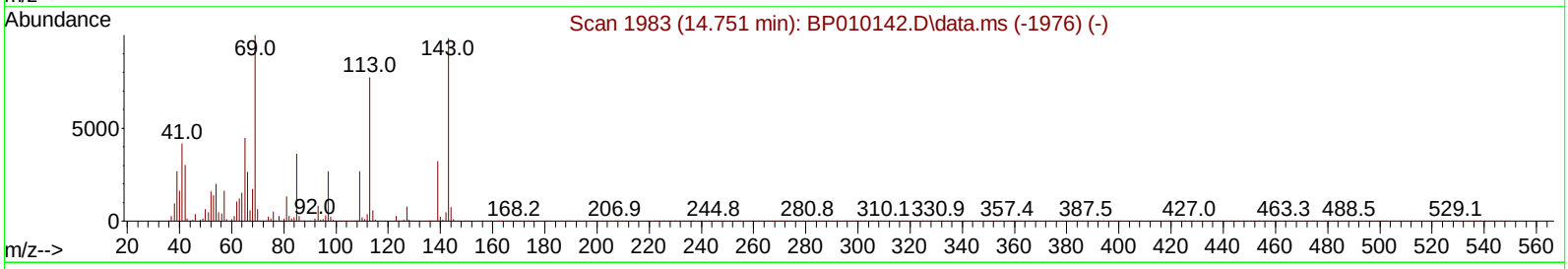
Instrument :
BNA_P
ClientSampleId :
SLCS448

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/02/2022
Supervised By :Yogesh Patel 05/05/2022







TIC: BP010157.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.757min (-0.006) 32.15 ng/ul

response 135360

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.70	81.39#
41.00	23.20	44.05#
42.00	18.00	31.40#

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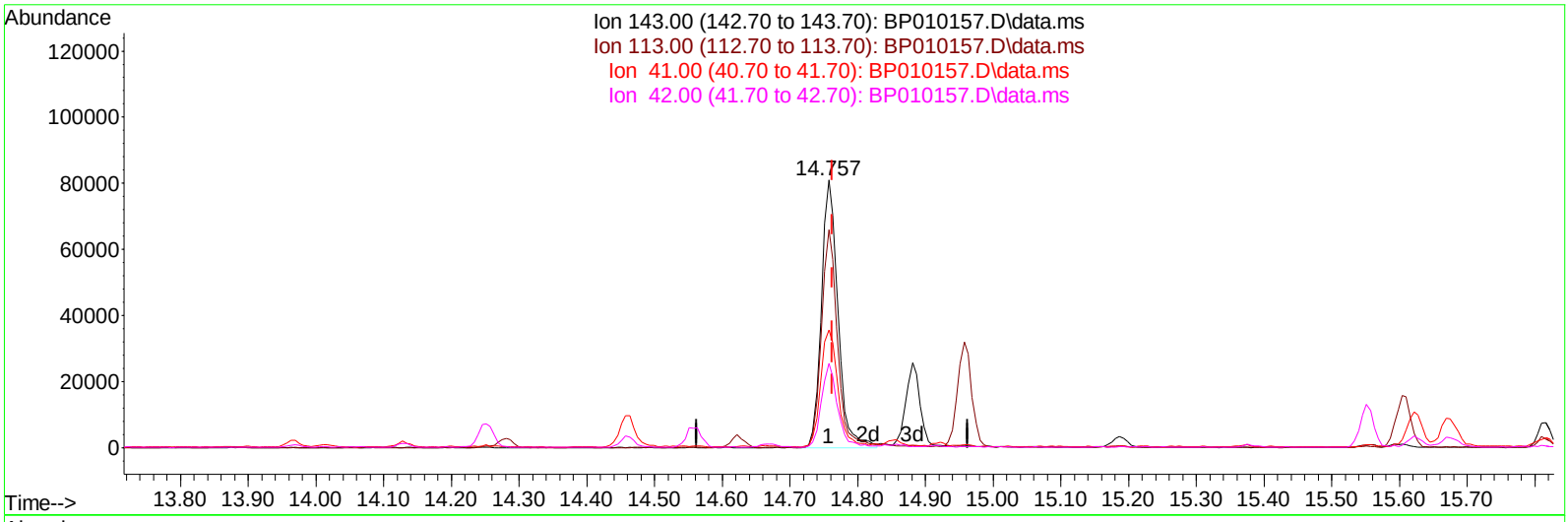

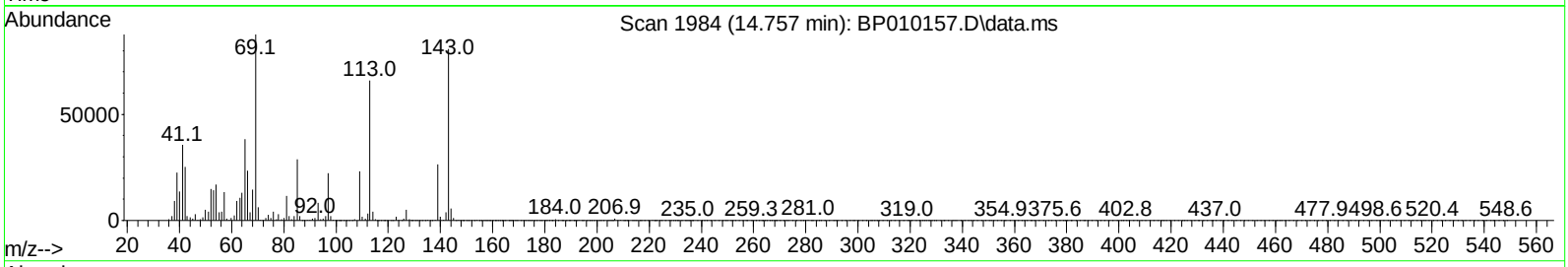

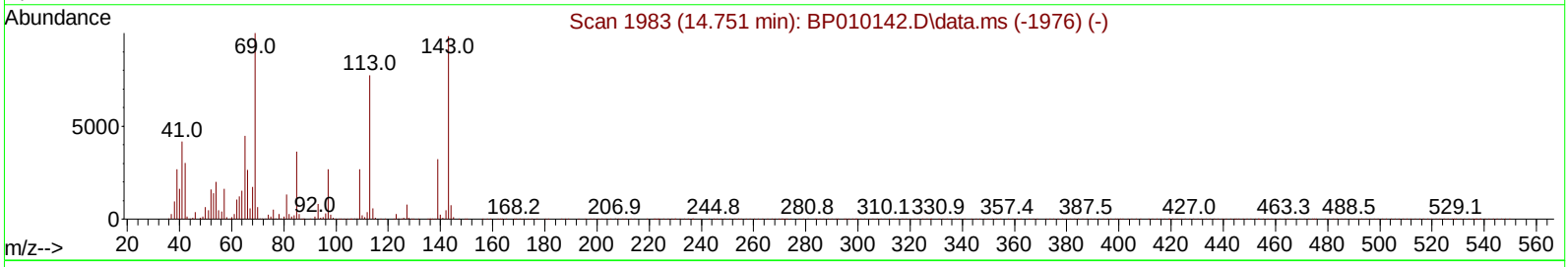

TIC: BP010157.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.757min (-0.006) 32.52 ng/ul m

response 136910

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.70	81.39#
41.00	23.20	44.05#
42.00	18.00	31.40#

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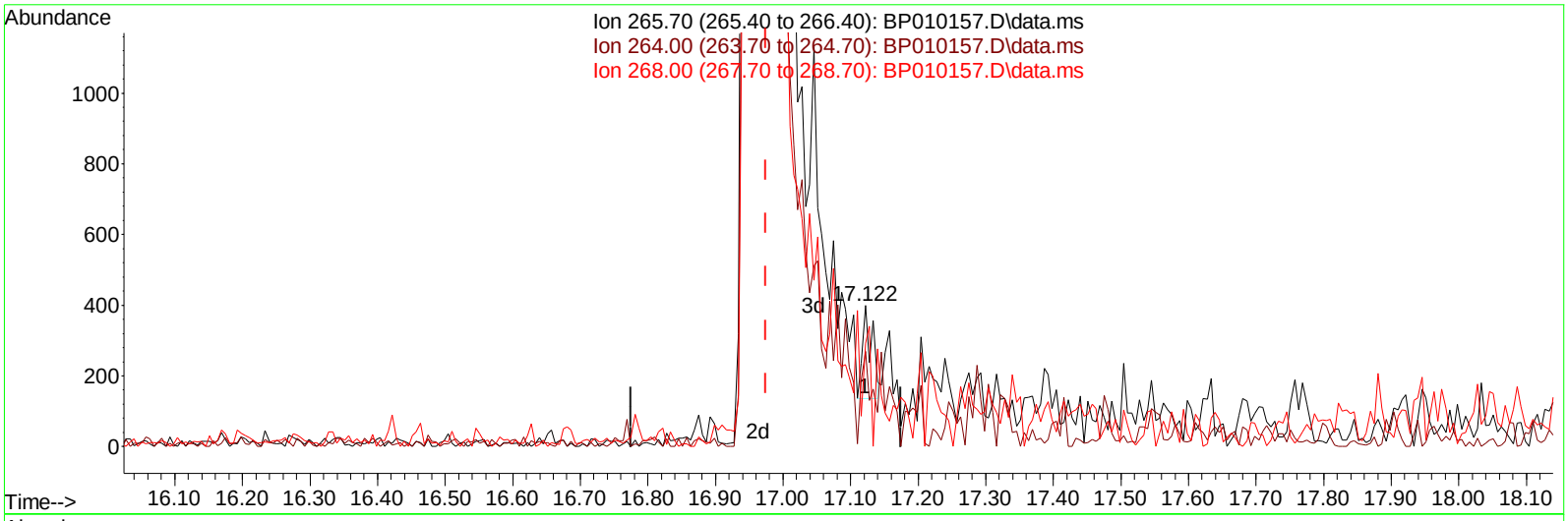

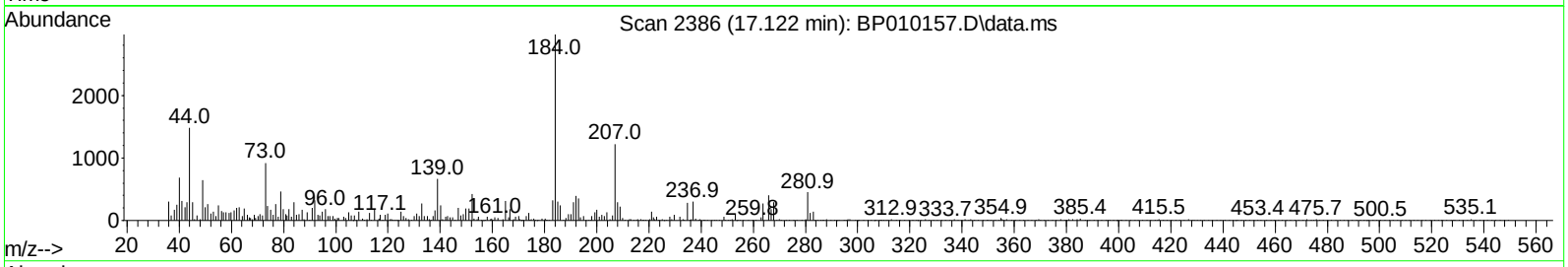

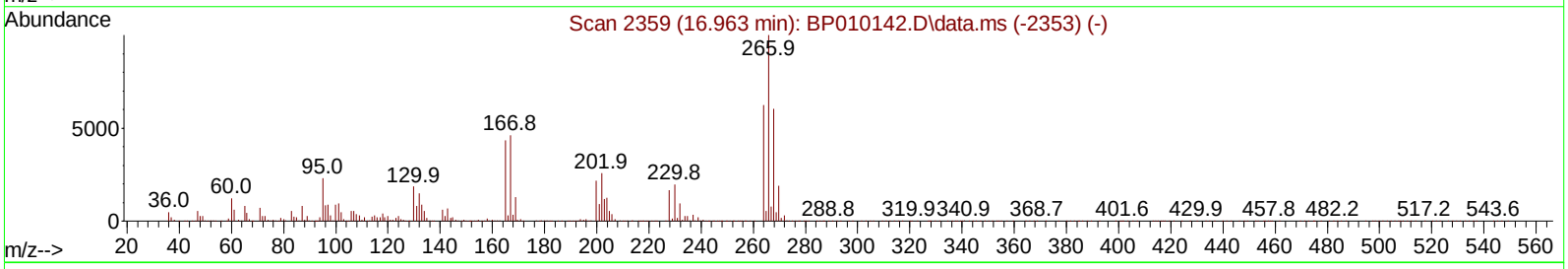

TIC: BP010157.D\data.ms

(71) Pentachlorophenol (C)

17.122min (+ 0.147) 0.05 ng/ul

response 258

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.60	67.42
268.00	82.10	73.43
0.00	0.00	0.00

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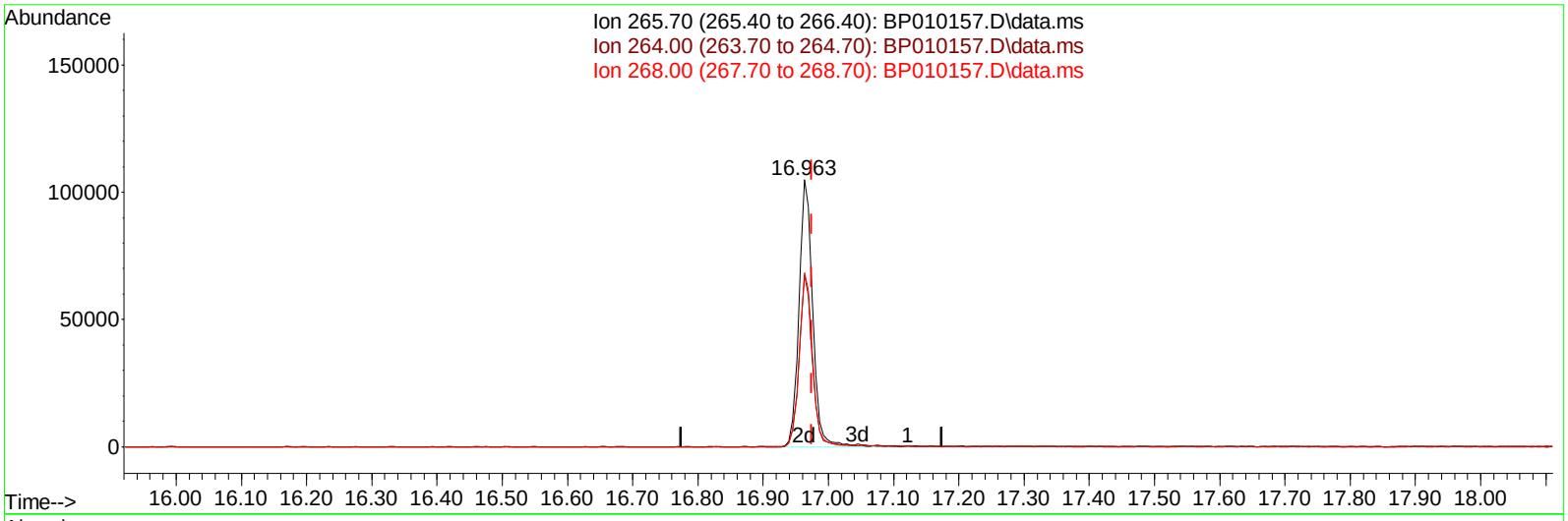

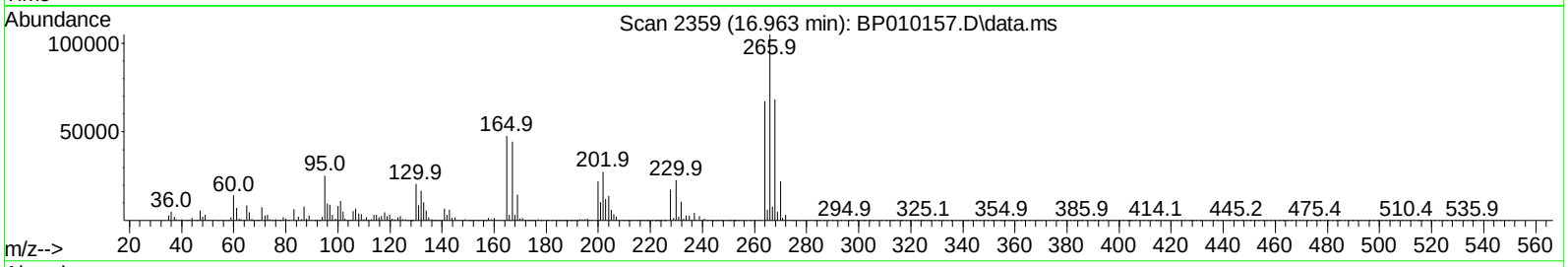

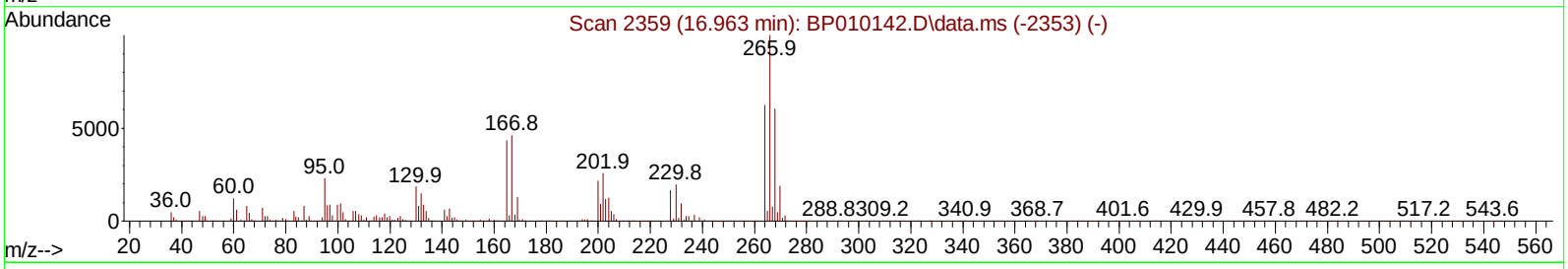

TIC: BP010157.D\data.ms

(71) Pentachlorophenol (C)

16.963min (-0.012) 32.67 ng/ul m

response 155184

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.60	64.18
268.00	82.10	65.19#
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	7.928	152	128068	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.728	136	492276	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.557	164	294004	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.310	188	602460	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.398	240	590255	20.000	ng/ul	-0.01
88) Perylene-d12	23.845	264	584211	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	20781	7.076	ng/uL	-0.01
4) Pyridine-d5	3.775	84	270949	32.794	ng/ul	-0.01
7) Phenol-d5	7.093	99	356291	30.586	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	232696	33.290	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.458	132	298952	34.653	ng/ul	-0.01
15) 4-Methylphenol-d8	8.640	113	288525	29.894	ng/ul	-0.01
21) Nitrobenzene-d5	9.087	128	145184	37.081	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.810	143	159227	37.237	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.352	165	279963	33.632	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.863	131	330899	27.723	ng/ul	-0.02
46) Dimethylphthalate-d6	13.969	166	812936	35.546	ng/ul	-0.01
49) Acenaphthylene-d8	14.251	160	959283	34.657	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.757	143	136910m	32.518	ng/ul	0.00
60) Fluorene-d10	15.551	176	692987	35.225	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.675	200	141782	37.219	ng/ul	0.00
73) Anthracene-d10	17.410	188	1042901	35.781	ng/ul	-0.01
81) Pyrene-d10	19.645	212	1232879	36.728	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.692	264	1162941	37.970	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	43542	14.267	ng/uL#	16
5) Pyridine	3.793	79	293557	34.181	ng/ul#	48
6) Benzaldehyde	7.064	77	249578	40.092	ng/ul	98
8) Phenol	7.116	94	379352	32.410	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.346	93	303270	33.630	ng/ul#	77
12) 2-Chlorophenol	7.493	128	301659	34.666	ng/ul	94
13) 2-Methylphenol	8.369	108	281683	31.379	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.458	45	443295	33.129	ng/ul#	84
16) Acetophenone	8.752	105	443107	29.426	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.740	70	235674	29.872	ng/ul#	76
18) 4-Methylphenol	8.699	108	302302	30.586	ng/ul	91
19) Hexachloroethane	9.010	117	131490	35.960	ng/ul	83
22) Nitrobenzene	9.128	77	350927	36.583	ng/ul#	85
23) Isophorone	9.657	82	628200	33.156	ng/ul#	96
25) 2-Nitrophenol	9.840	139	169934	37.523	ng/ul#	81
26) 2,4-Dimethylphenol	9.905	107	328678	33.522	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.140	93	387313	34.877	ng/ul#	96
29) 2,4-Dichlorophenol	10.381	162	281696	35.203	ng/ul#	81
30) Naphthalene	10.781	128	927793	36.009	ng/ul	97
32) 4-Chloroaniline	10.887	127	331455	28.180	ng/ul	97
33) Hexachlorobutadiene	11.075	225	210925	37.192	ng/ul	95
34) Caprolactam	11.663	113	85583	29.733	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.016	107	304819	31.533	ng/ul#	69

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.387	142	622157	33.295	ng/ul	91
37) 1-Methylnaphthalene	12.604	142	627278	33.061	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.757	216	356871	39.289	ng/ul	92
40) Hexachlorocyclopentadiene	12.740	237	203944	39.841	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	224541	38.206	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.069	196	243799	38.127	ng/ul#	87
43) 1,1'-Biphenyl	13.393	154	834028	38.462	ng/ul	92
44) 2-Chloronaphthalene	13.434	162	640713	38.181	ng/ul	94
45) 2-Nitroaniline	13.634	65	197437	36.284	ng/ul#	80
47) Dimethylphthalate	14.016	163	783488	35.250	ng/ul#	92
48) 2,6-Dinitrotoluene	14.134	165	166441	36.489	ng/ul	92
50) Acenaphthylene	14.281	152	1021563	37.260	ng/ul	95
51) 3-Nitroaniline	14.457	138	149322	36.137	ng/ul#	82
52) Acenaphthene	14.622	153	651105	36.522	ng/ul	96
53) 2,4-Dinitrophenol	14.669	184	86270	33.846	ng/ul#	80
55) 4-Nitrophenol	14.775	109	119070	32.551	ng/ul#	50
56) Dibenzofuran	14.957	168	946218	35.843	ng/ul	100
57) 2,4-Dinitrotoluene	14.922	165	238464	35.786	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.187	232	202311	35.593	ng/ul#	88
59) Diethylphthalate	15.381	149	794567	35.146	ng/ul	93
61) Fluorene	15.610	166	764124	35.254	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.604	204	407872	35.756	ng/ul	98
63) 4-Nitroaniline	15.622	138	166995	41.534	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.687	198	132774	36.125	ng/ul#	93
67) N-Nitrosodiphenylamine	15.816	169	658645	38.102	ng/ul	94
68) 4-Bromophenyl-phenylether	16.498	248	246316	38.330	ng/ul	95
69) Hexachlorobenzene	16.622	284	278254	37.305	ng/ul#	90
70) Atrazine	16.769	200	260370	37.049	ng/ul	90
71) Pentachlorophenol	16.963	266	155184m	32.669	ng/ul	
72) Phenanthrene	17.357	178	1198783	36.609	ng/ul	99
74) Anthracene	17.445	178	1202158	36.449	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.363	216	361192	41.067	ng/uL#	87
76) Pentachlorobenzene	14.881	250	329988	38.260	ng/uL#	88
77) Carbazole	17.716	167	1045339	35.816	ng/ul#	95
78) Di-n-butylphthalate	18.269	149	1365352	38.024	ng/ul#	92
80) Fluoranthene	19.322	202	1423252	37.590	ng/ul	97
82) Pyrene	19.675	202	1459785	37.422	ng/ul#	93
83) Butylbenzylphthalate	20.539	149	618616	38.365	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.310	252	457416	43.069	ng/ul#	96
85) Benzo(a)anthracene	21.380	228	1393408	37.198	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.304	149	927159	38.796	ng/ul#	82
87) Chrysene	21.433	228	1371684	37.189	ng/ul	98
89) Di-n-octyl phthalate	22.245	149	1586979	34.943	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	1417627	36.095	ng/ul	100
91) Benzo(k)fluoranthene	23.151	252	1408799	37.868	ng/ul#	98
93) Benzo(a)pyrene	23.739	252	1402201	38.608	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.415	276	1599561	44.273	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.427	278	1370594	44.334	ng/ul#	95
96) Benzo(g,h,i)perylene	27.192	276	1392644	45.682	ng/ul#	92

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

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