Quantitation Report (Qedit)

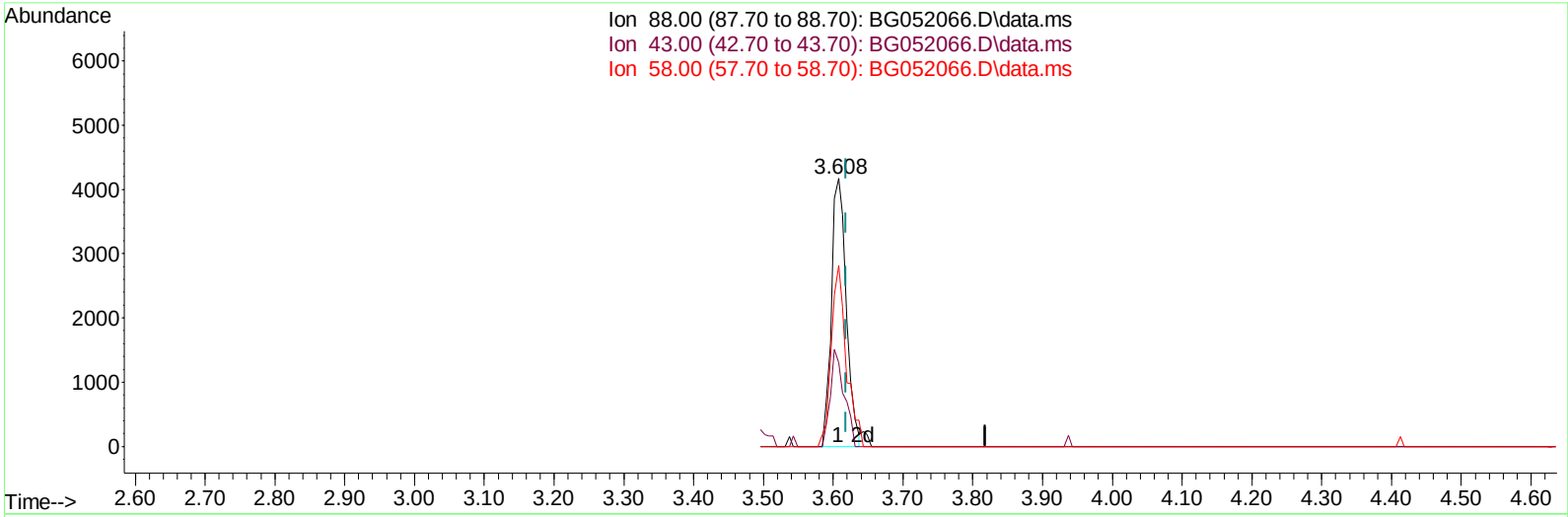
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052066.D
Acq On : 19 Jan 2022 9:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

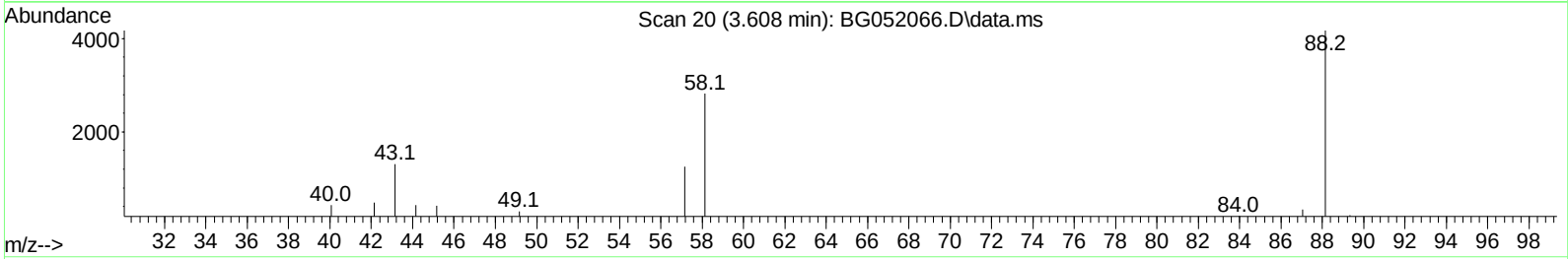
Quant Time: Jan 19 23:58:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

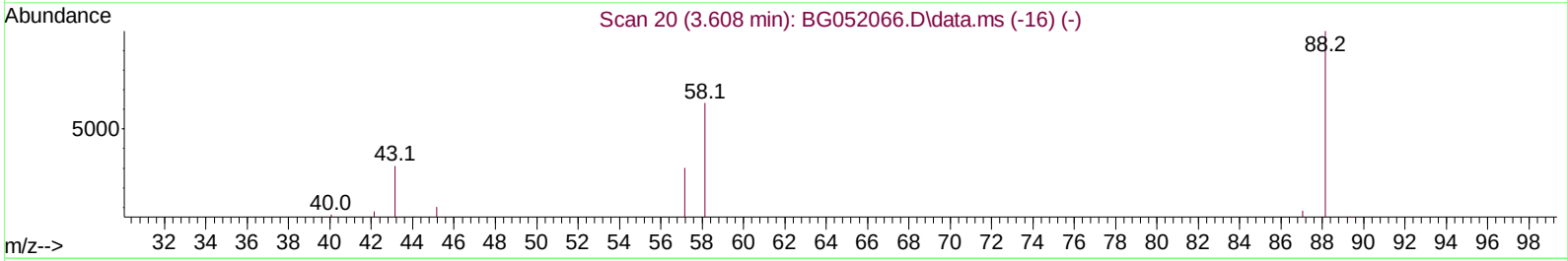
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022







TIC: BG052066.D\data.ms

(2) 1,4-Dioxane

3.608min (-0.010) 6.38 ng/uL

response 6160

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	31.29
58.00	78.00	67.55
0.00	0.00	0.00

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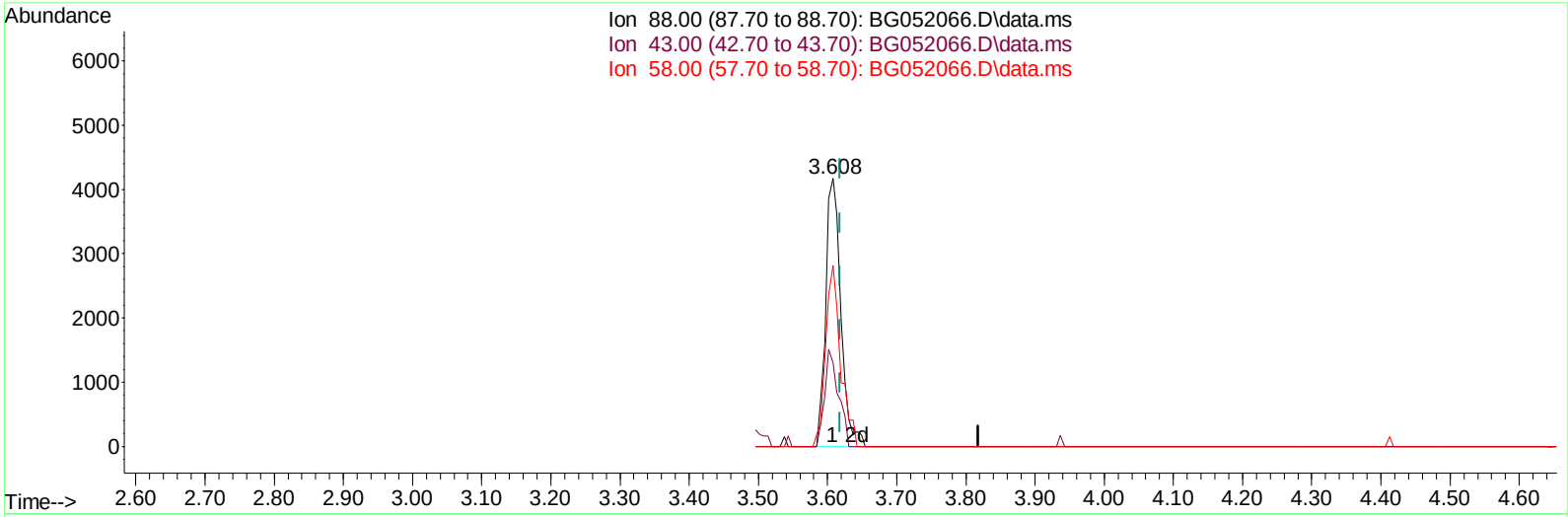

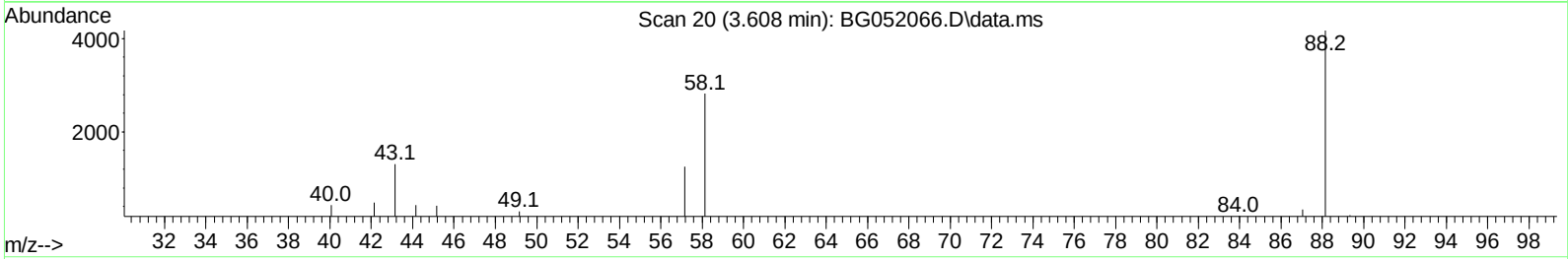

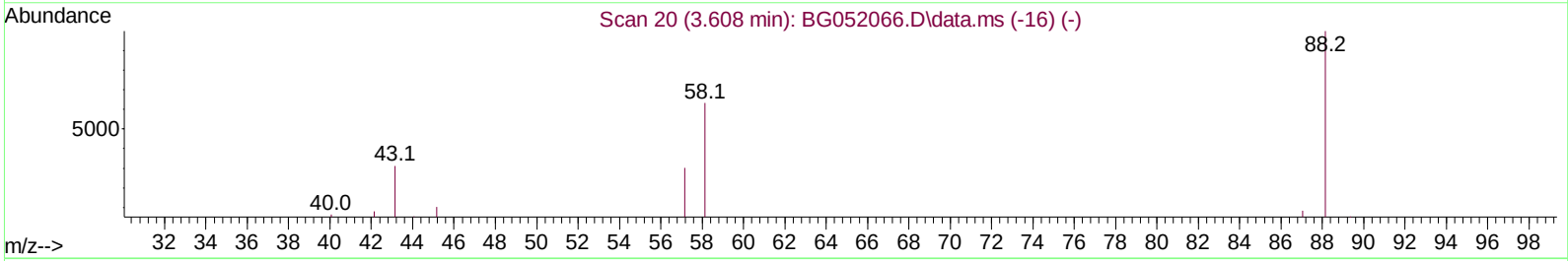

TIC: BG052066.D\data.ms

(2) 1,4-Dioxane

3.608min (-0.010) 6.53 ng/uL m

response 6304

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	31.29
58.00	78.00	67.55
0.00	0.00	0.00

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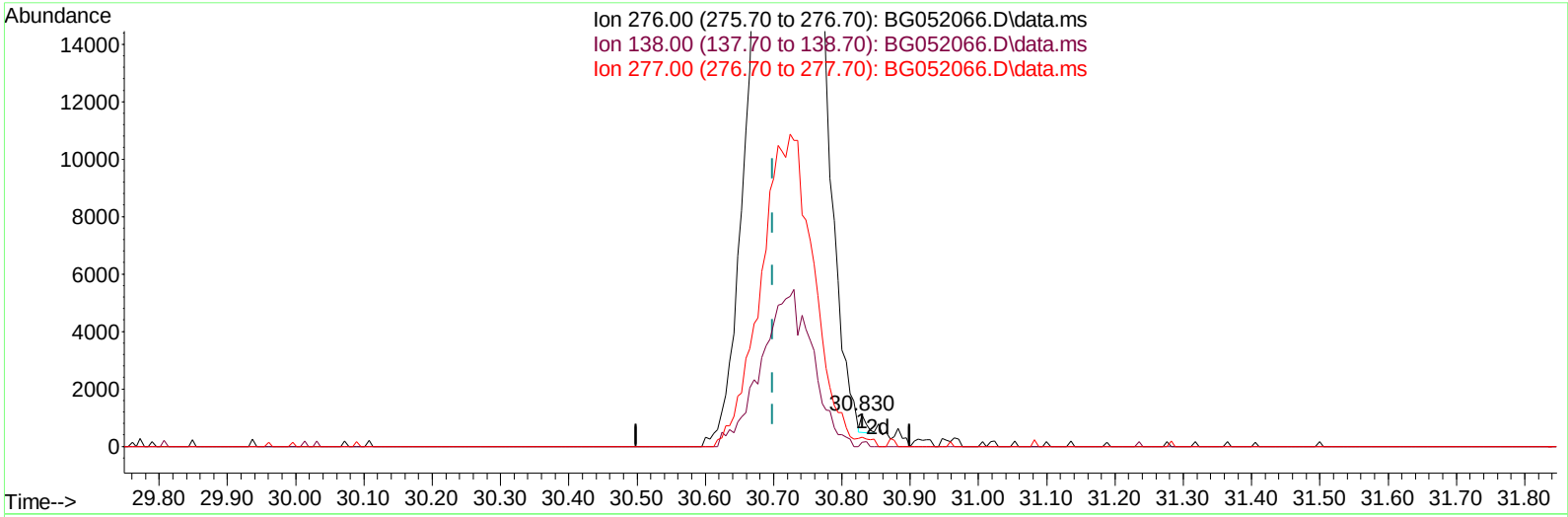

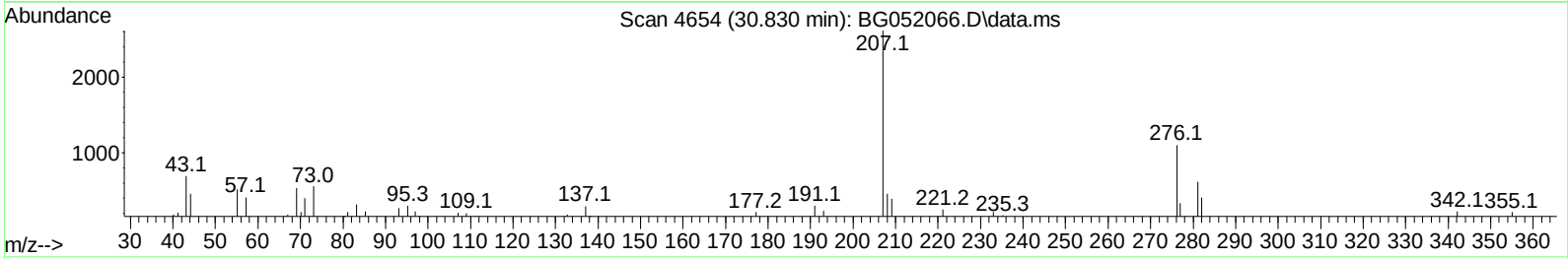

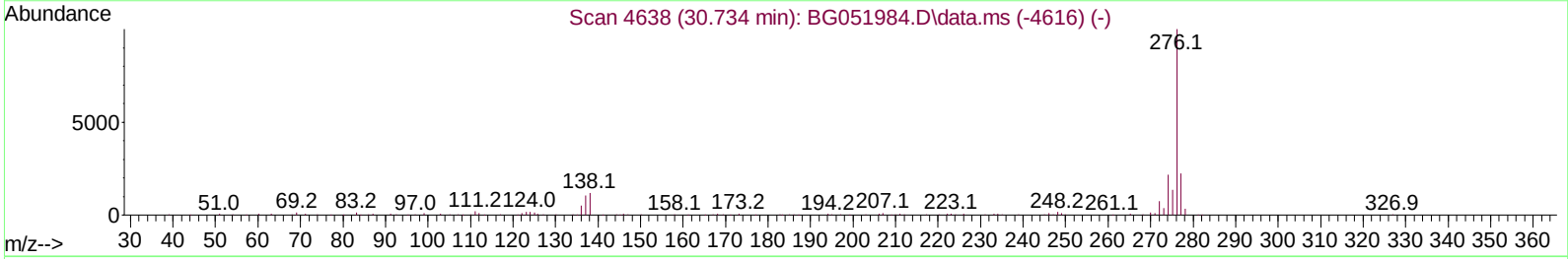

TIC: BG052066.D\data.ms

(96) Benzo(g,h,i)perylene

30.830min (+ 0.131) 0.03 ng/ul

response 356

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	14.03#
277.00	22.00	29.69#
0.00	0.00	0.00

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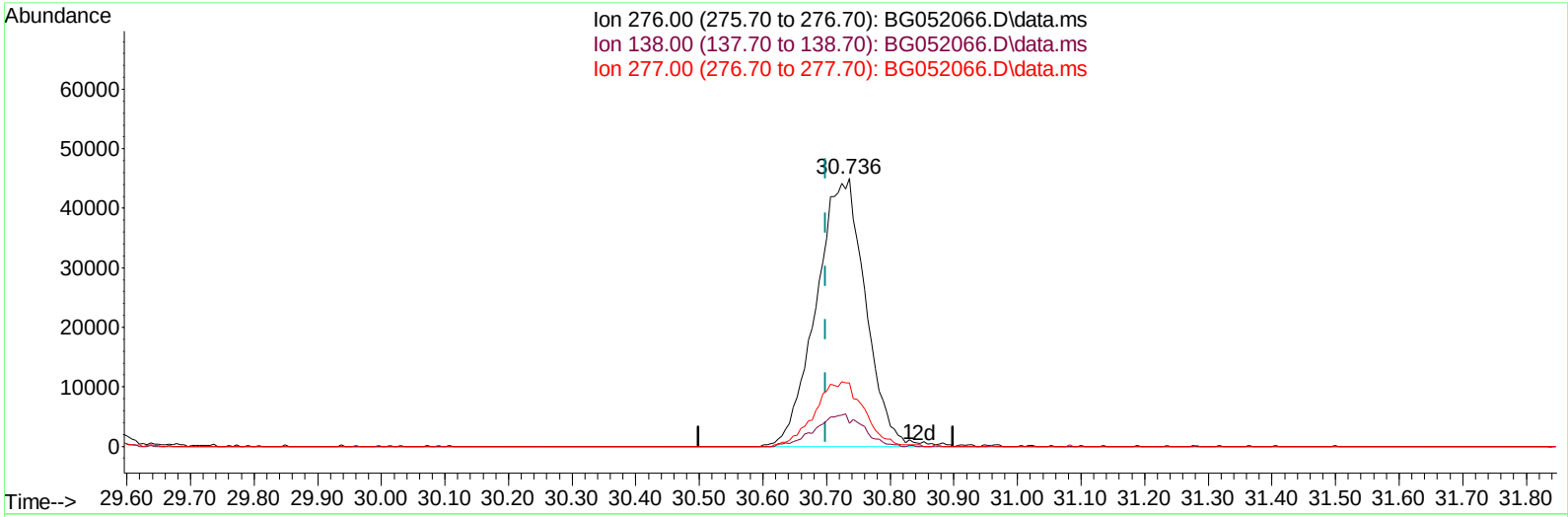

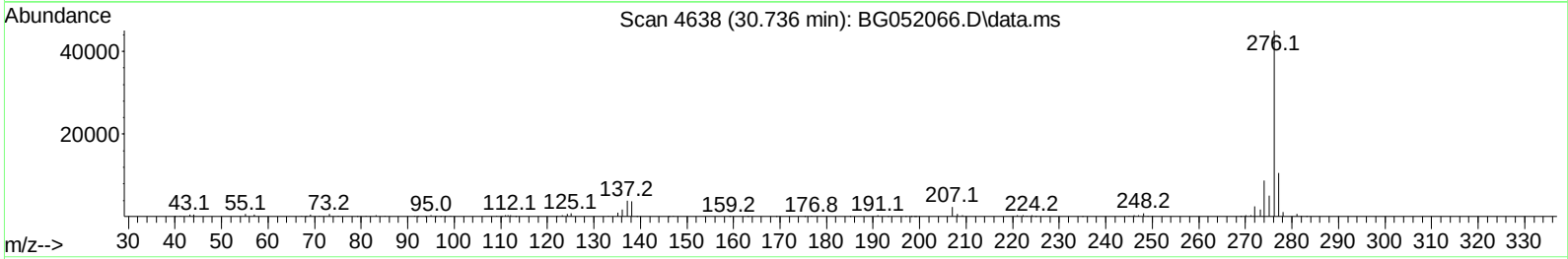

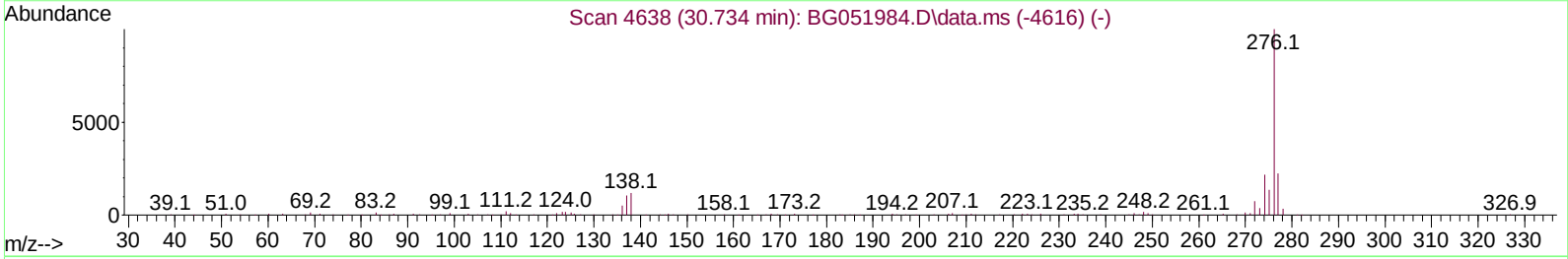

TIC: BG052066.D\data.ms

(96) Benzo(g,h,i)perylene

30.736min (+ 0.037) 19.78 ng/ul m

response 240564

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	8.56#
277.00	22.00	23.69
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	29915	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.086	136	127586	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.887	164	91733	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	222587	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.959	240	194874	20.000	ng/ul	# 0.00
88) Perylene-d12	25.449	264	201468	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.578	96	5253	6.275	ng/uL	0.00
4) Pyridine-d5	3.995	84	42932	16.497	ng/ul	-0.01
7) Phenol-d5	7.385	99	52775	18.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	31128	16.748	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.773	132	38315	19.765	ng/ul	0.00
15) 4-Methylphenol-d8	8.947	113	41879	18.400	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	20514	20.348	ng/ul	0.00
24) 2-Nitrophenol-d4	10.152	143	22792	20.441	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.698	165	46165	21.182	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	57424	18.920	ng/ul	0.00
46) Dimethylphthalate-d6	14.276	166	139645	18.417	ng/ul	0.00
49) Acenaphthylene-d8	14.581	160	178723	19.513	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	22417	17.683	ng/ul	0.00
60) Fluorene-d10	15.879	176	127465	19.281	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	22995	16.376	ng/ul	0.00
73) Anthracene-d10	17.736	188	202802	19.207	ng/ul	0.00
81) Pyrene-d10	20.015	212	232001	20.686	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.208	264	203452	19.182	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.608	88	6304m	6.526	ng/uL	
5) Pyridine	4.019	79	43576	15.982	ng/ul	95
6) Benzaldehyde	7.361	77	35128	18.036	ng/ul	95
8) Phenol	7.408	94	53477	17.895	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.643	93	37532	17.157	ng/ul	98
12) 2-Chlorophenol	7.808	128	39431	19.995	ng/ul	93
13) 2-Methylphenol	8.683	108	40197	18.497	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.765	45	54623	16.370	ng/ul	97
16) Acetophenone	9.065	105	63532	17.686	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.047	70	37024	16.871	ng/ul	96
18) 4-Methylphenol	9.012	108	43295	18.392	ng/ul	93
19) Hexachloroethane	9.347	117	15065	17.694	ng/ul#	61
22) Nitrobenzene	9.459	77	54444	17.411	ng/ul	98
23) Isophorone	9.981	82	102619	17.358	ng/ul	98
25) 2-Nitrophenol	10.181	139	23258	18.980	ng/ul	95
26) 2,4-Dimethylphenol	10.228	107	50194	18.878	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.463	93	53763	17.663	ng/ul	97
29) 2,4-Dichlorophenol	10.722	162	43069	20.122	ng/ul	95
30) Naphthalene	11.139	128	133611	19.326	ng/ul	95
32) 4-Chloroaniline	11.233	127	58168	18.806	ng/ul	96
33) Hexachlorobutadiene	11.421	225	31921	18.709	ng/ul	96
34) Caprolactam	11.973	113	14789	17.753	ng/ul	95
35) 4-Chloro-3-methylphenol	12.343	107	47221	19.108	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.731	142	96124	19.519	ng/ul	98
37) 1-Methylnaphthalene	12.948	142	99240	19.635	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.095	216	63639	20.061	ng/ul	98
40) Hexachlorocyclopentadiene	13.077	237	35619	16.364	ng/ul	98
41) 2,4,6-Trichlorophenol	13.324	196	40405	20.152	ng/ul	94
42) 2,4,5-Trichlorophenol	13.400	196	42387	19.611	ng/ul	97
43) 1,1'-Biphenyl	13.723	154	137887	19.471	ng/ul#	95
44) 2-Chloronaphthalene	13.770	162	103676	18.903	ng/ul	99
45) 2-Nitroaniline	13.958	65	36164	17.205	ng/ul	89
47) Dimethylphthalate	14.323	163	133896	17.909	ng/ul	99
48) 2,6-Dinitrotoluene	14.446	165	29627	18.794	ng/ul#	86
50) Acenaphthylene	14.610	152	176717	19.594	ng/ul	97
51) 3-Nitroaniline	14.781	138	29093	20.402	ng/ul	98
52) Acenaphthene	14.951	153	113504	18.927	ng/ul	100
53) 2,4-Dinitrophenol	14.986	184	16685	17.952	ng/ul	89
55) 4-Nitrophenol	15.080	109	21989	15.115	ng/ul	89
56) Dibenzofuran	15.286	168	167261	19.204	ng/ul	97
57) 2,4-Dinitrotoluene	15.233	165	42730	18.748	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.509	232	38306	19.107	ng/ul#	83
59) Diethylphthalate	15.685	149	137272	17.796	ng/ul	96
61) Fluorene	15.932	166	138459	19.078	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.920	204	75732	18.804	ng/ul	93
63) 4-Nitroaniline	15.938	138	28826	19.675	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.003	198	22567	16.810	ng/ul	97
67) N-Nitrosodiphenylamine	16.126	169	121945	20.388	ng/ul	92
68) 4-Bromophenyl-phenylether	16.813	248	51876	19.908	ng/ul#	86
69) Hexachlorobenzene	16.948	284	58468	20.231	ng/ul#	86
70) Atrazine	17.072	200	52683	18.986	ng/ul	96
71) Pentachlorophenol	17.289	266	31409	19.461	ng/ul	94
72) Phenanthrene	17.683	178	223508	19.163	ng/ul	98
74) Anthracene	17.771	178	225777	19.338	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.694	216	66977	20.035	ng/uL	99
76) Pentachlorobenzene	15.210	250	67683	20.802	ng/uL	97
77) Carbazole	18.035	167	197779	18.800	ng/ul	98
78) Di-n-butylphthalate	18.582	149	230674	18.550	ng/ul	99
80) Fluoranthene	19.686	202	277013	21.373	ng/ul#	89
82) Pyrene	20.044	202	267054	20.928	ng/ul#	88
83) Butylbenzylphthalate	20.914	149	92680	20.870	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.836	252	95347	21.195	ng/ul#	98
85) Benzo(a)anthracene	21.936	228	250421	19.540	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.818	149	128311	19.757	ng/ul#	98
87) Chrysene	22.006	228	235769	19.105	ng/ul	99
89) Di-n-octyl phthalate	23.117	149	217923	19.581	ng/ul	100
90) Benzo(b)fluoranthene	24.333	252	262213	19.639	ng/ul#	95
91) Benzo(k)fluoranthene	24.403	252	238924	19.354	ng/ul#	97
93) Benzo(a)pyrene	25.284	252	241191	19.088	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.461	276	283216	19.580	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.537	278	240177	19.631	ng/ul#	93
96) Benzo(g,h,i)perylene	30.736	276	240564m	19.780	ng/ul	

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

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