Quantitation Report (Qedit)

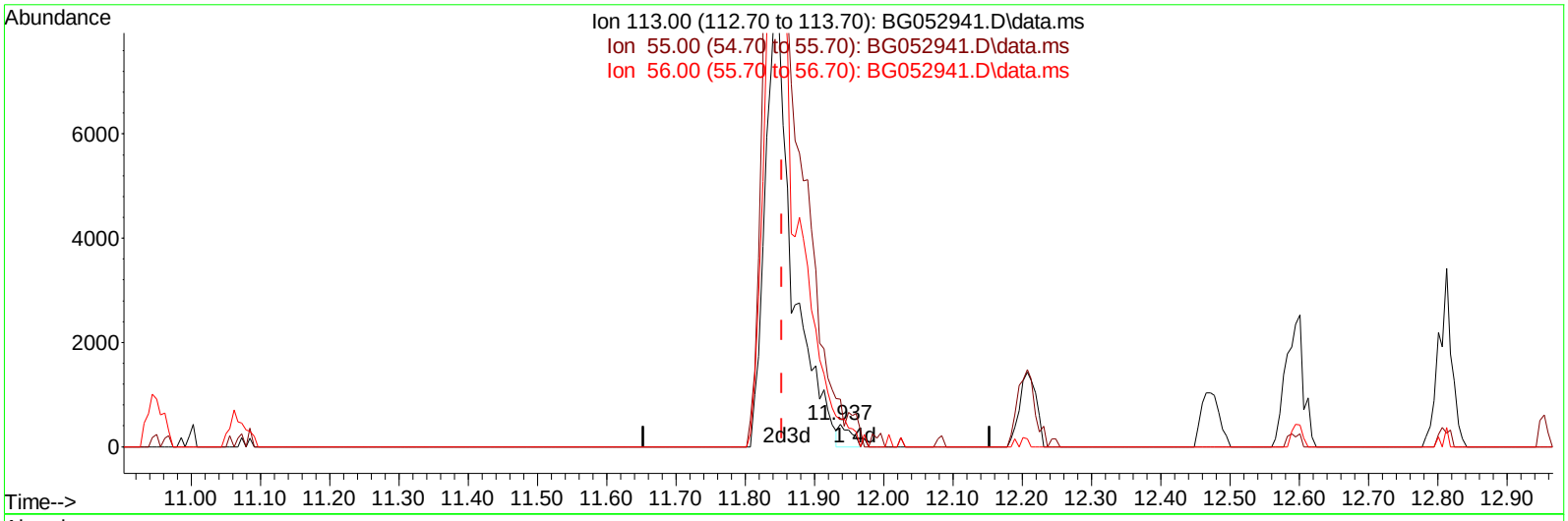
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052941.D
Acq On : 30 Mar 2022 00:09
Operator : CG/JU
Sample : PB143669BS
Misc :
ALS Vial : 60 Sample Multiplier: 1

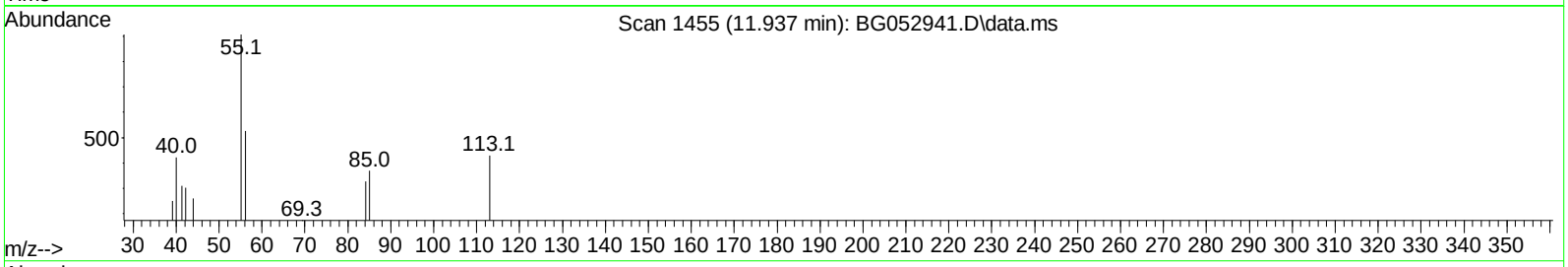
Quant Time: Mar 30 01:11:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

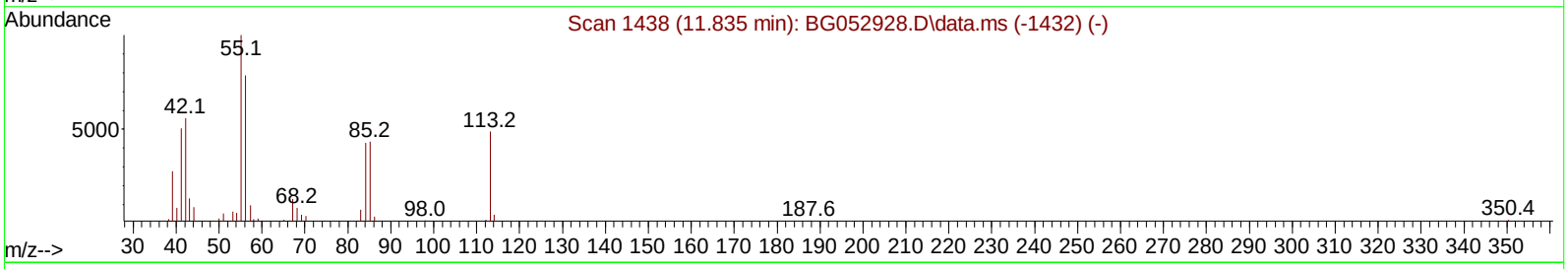
Instrument :
BNA_G
ClientSampleId :
SLCS669

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/30/2022
Supervised By :Yogesh Patel 04/02/2022







TIC: BG052941.D\data.ms

(34) Caprolactam

11.937min (+ 0.084) 0.99 ng/ul

response 530

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	211.66
56.00	120.10	122.61
0.00	0.00	0.00

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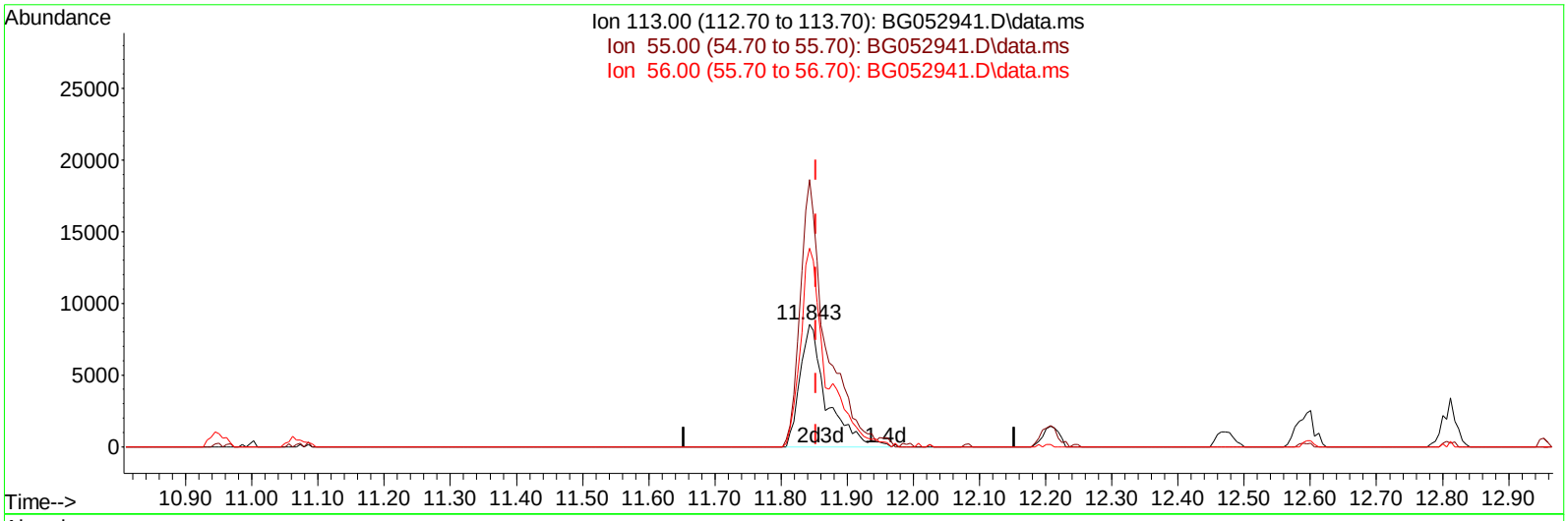

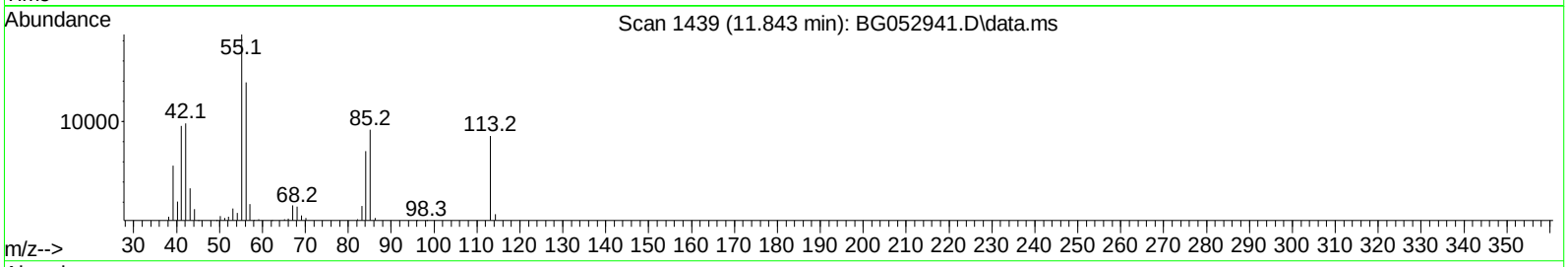

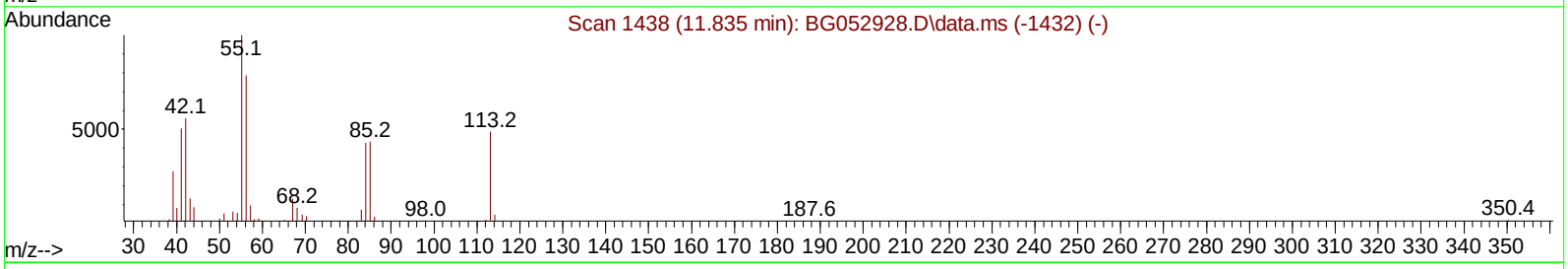

TIC: BG052941.D\data.ms

(34) Caprolactam

11.843min (-0.010) 44.52 ng/ul m

response 23851

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	217.71#
56.00	120.10	161.93#
0.00	0.00	0.00

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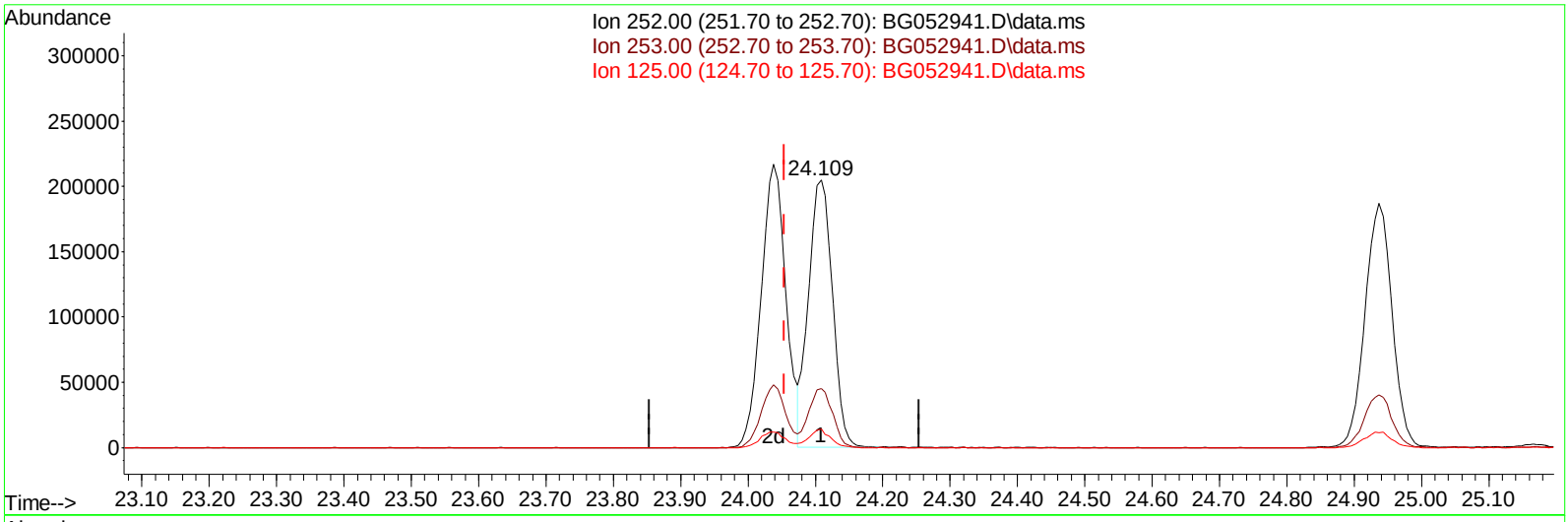

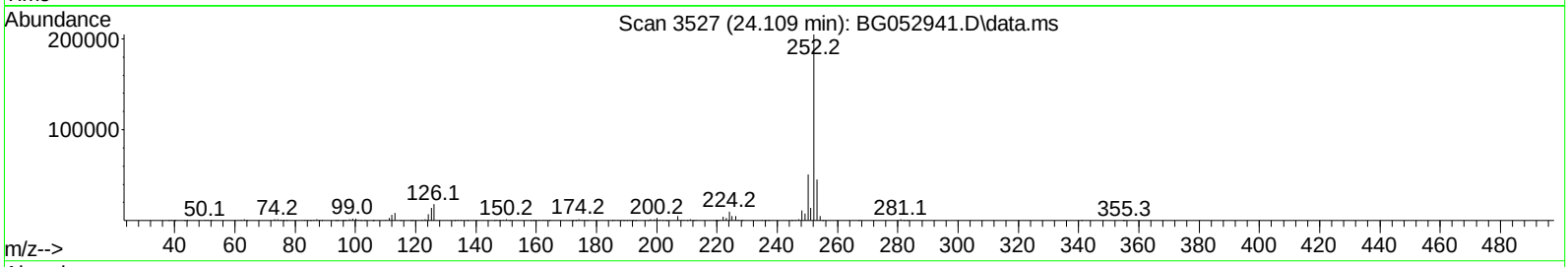

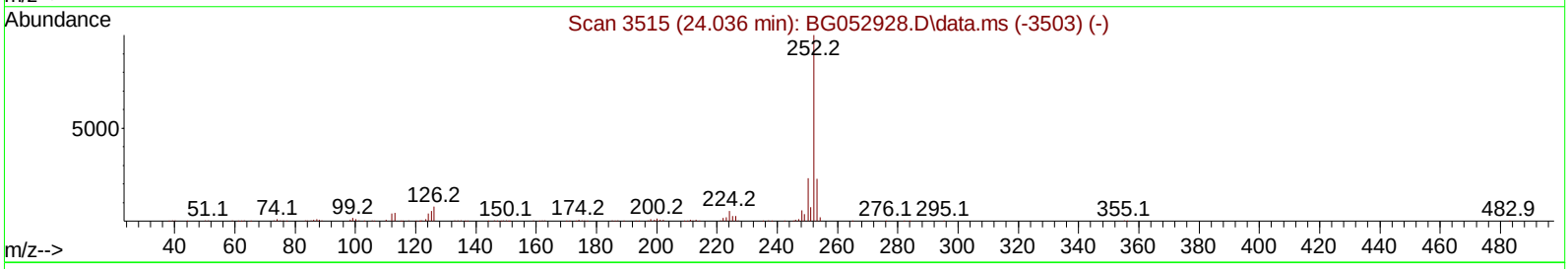

TIC: BG052941.D\data.ms

(90) Benzo(b)fluoranthene

24.109min (+ 0.055) 32.41 ng/ul

response 505097

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.05
125.00	6.90	6.98
0.00	0.00	0.00

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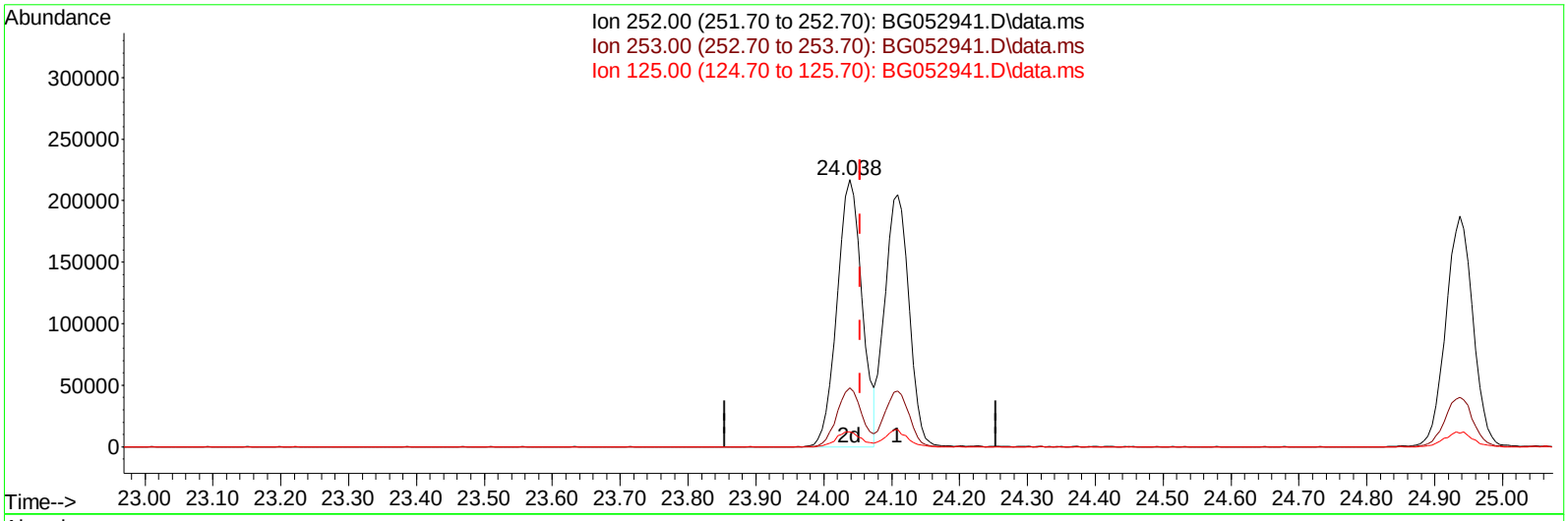

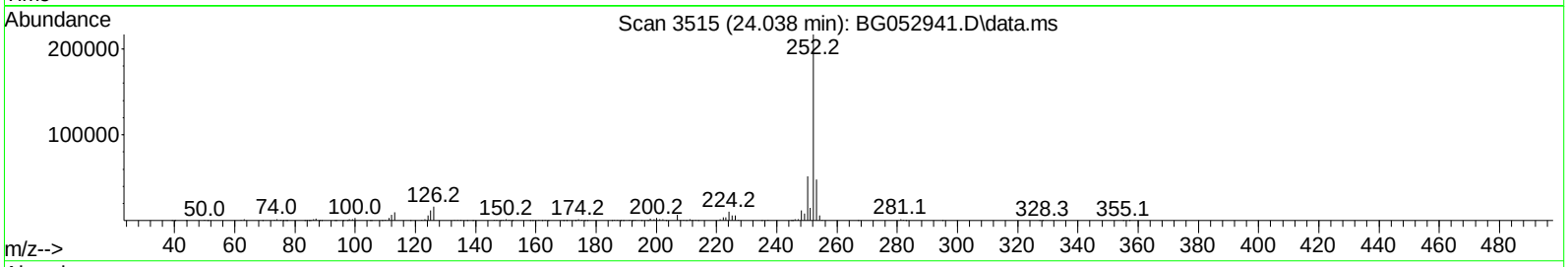

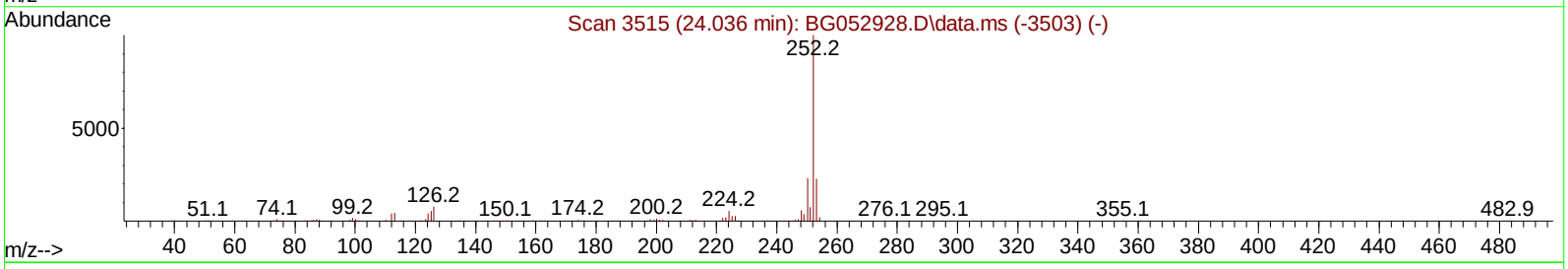

TIC: BG052941.D\data.ms

(90) Benzo(b)fluoranthene

24.038min (-0.016) 35.71 ng/ul m

response 556641

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.09
125.00	6.90	5.49#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/30/2022
Supervised By :Yogesh Patel 04/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	24274	20.000	ng/ul	0.00
20) Naphthalene-d8	10.950	136	110765	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.757	164	91055	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.500	188	215804	20.000	ng/ul	0.00
79) Chrysene-d12	21.782	240	225554	20.000	ng/ul	#-0.01
88) Perylene-d12	25.096	264	241369	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.548	96	3611	5.255	ng/uL	0.00
4) Pyridine-d5	3.959	84	49925	29.100	ng/ul	-0.02
7) Phenol-d5	7.279	99	74718	34.367	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.449	67	45470	34.243	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.666	132	51123	34.631	ng/ul	-0.01
15) 4-Methylphenol-d8	8.829	113	58056	36.863	ng/ul	0.00
21) Nitrobenzene-d5	9.293	128	27332	34.279	ng/ul	0.00
24) 2-Nitrophenol-d4	10.016	143	31384	37.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.556	165	60983	33.332	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.073	131	77793	32.171	ng/ul	0.00
46) Dimethylphthalate-d6	14.152	166	226802	32.422	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	252595	29.716	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	38611	32.829	ng/ul	0.00
60) Fluorene-d10	15.743	176	197018	32.076	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.849	200	41170	37.488	ng/ul	0.00
73) Anthracene-d10	17.600	188	324812	32.322	ng/ul	0.00
81) Pyrene-d10	19.879	212	415708	32.946	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.866	264	427003	34.238	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.583	88	8639	10.260	ng/uL	92
5) Pyridine	3.983	79	56581	30.522	ng/ul	98
6) Benzaldehyde	7.267	77	47269	32.704	ng/ul	93
8) Phenol	7.308	94	78717	37.567	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.543	93	56094	35.486	ng/ul	97
12) 2-Chlorophenol	7.696	128	53470	35.451	ng/ul	92
13) 2-Methylphenol	8.565	108	62384	38.307	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.665	45	95506	37.171	ng/ul	95
16) Acetophenone	8.953	105	94322	38.390	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.935	70	56522	39.462	ng/ul	98
18) 4-Methylphenol	8.894	108	66237	39.039	ng/ul	93
19) Hexachloroethane	9.229	117	22071	32.980	ng/ul	90
22) Nitrobenzene	9.335	77	85501	36.700	ng/ul	95
23) Isophorone	9.857	82	160411	36.022	ng/ul	99
25) 2-Nitrophenol	10.051	139	32940	37.772	ng/ul#	86
26) 2,4-Dimethylphenol	10.104	107	75317	34.854	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.339	93	81210	32.794	ng/ul#	91
29) 2,4-Dichlorophenol	10.586	162	63517	35.707	ng/ul	98
30) Naphthalene	10.997	128	190343	33.207	ng/ul	99
32) 4-Chloroaniline	11.097	127	70698	29.754	ng/ul	96
33) Hexachlorobutadiene	11.291	225	47345	32.590	ng/ul	94
34) Caprolactam	11.843	113	23851m	44.520	ng/ul	
35) 4-Chloro-3-methylphenol	12.207	107	77686	40.260	ng/ul	87

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.595	142	142723	35.282 ng/ul	99
37) 1-Methylnaphthalene	12.812	142	146527	35.779 ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.959	216	95210	31.635 ng/ul	98
40) Hexachlorocyclopentadiene	12.941	237	55871	26.815 ng/ul	99
41) 2,4,6-Trichlorophenol	13.188	196	60926	33.128 ng/ul	95
42) 2,4,5-Trichlorophenol	13.259	196	68336	34.408 ng/ul	96
43) 1,1'-Biphenyl	13.588	154	200460	30.808 ng/ul	99
44) 2-Chloronaphthalene	13.635	162	161419	30.981 ng/ul	95
45) 2-Nitroaniline	13.828	65	61421	40.216 ng/ul	94
47) Dimethylphthalate	14.199	163	224827	33.679 ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	46507	38.459 ng/ul	94
50) Acenaphthylene	14.481	152	265649	32.359 ng/ul	97
51) 3-Nitroaniline	14.645	138	46347	37.970 ng/ul	99
52) Acenaphthene	14.821	153	177498	33.096 ng/ul	99
53) 2,4-Dinitrophenol	14.851	184	26897	35.803 ng/ul#	66
55) 4-Nitrophenol	14.945	109	46628	37.671 ng/ul	93
56) Dibenzofuran	15.150	168	267096	33.593 ng/ul	99
57) 2,4-Dinitrotoluene	15.103	165	68929	40.173 ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.373	232	65966	36.849 ng/ul#	97
59) Diethylphthalate	15.561	149	234126	34.630 ng/ul	99
61) Fluorene	15.802	166	219401	33.291 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.791	204	119164	33.980 ng/ul	99
63) 4-Nitroaniline	15.808	138	46929	39.096 ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.867	198	40962	38.121 ng/ul#	86
67) N-Nitrosodiphenylamine	15.996	169	201288	34.498 ng/ul	98
68) 4-Bromophenyl-phenylether	16.683	248	87277	40.845 ng/ul	98
69) Hexachlorobenzene	16.807	284	99712	36.125 ng/ul#	92
70) Atrazine	16.942	200	66222	27.693 ng/ul	97
71) Pentachlorophenol	17.147	266	57654	34.349 ng/ul	94
72) Phenanthrene	17.541	178	393024	34.701 ng/ul	99
74) Anthracene	17.635	178	389339	34.383 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.558	216	101260	31.505 ng/uL	96
76) Pentachlorobenzene	15.074	250	105831	34.320 ng/uL	97
77) Carbazole	17.894	167	352377	35.212 ng/ul	98
78) Di-n-butylphthalate	18.452	149	409259	34.391 ng/ul	99
80) Fluoranthene	19.544	202	525999	35.375 ng/ul	98
82) Pyrene	19.908	202	507645	34.348 ng/ul	96
83) Butylbenzylphthalate	20.784	149	188910	36.763 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.671	252	171170	33.859 ng/ul	92
85) Benzo(a)anthracene	21.765	228	511468	35.134 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.659	149	256345	36.018 ng/ul	99
87) Chrysene	21.829	228	490843	35.350 ng/ul	100
89) Di-n-octyl phthalate	22.904	149	444468	35.354 ng/ul	100
90) Benzo(b)fluoranthene	24.038	252	556641m	35.715 ng/ul	
91) Benzo(k)fluoranthene	24.109	252	507266	35.265 ng/ul	99
93) Benzo(a)pyrene	24.937	252	521277	35.425 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.879	276	600736	36.099 ng/ul	96
95) Dibenzo(a,h)anthracene	28.937	278	511864	36.189 ng/ul	98
96) Benzo(g,h,i)perylene	30.048	276	505544	35.937 ng/ul	99

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

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