Quantitation Report (Qedit)

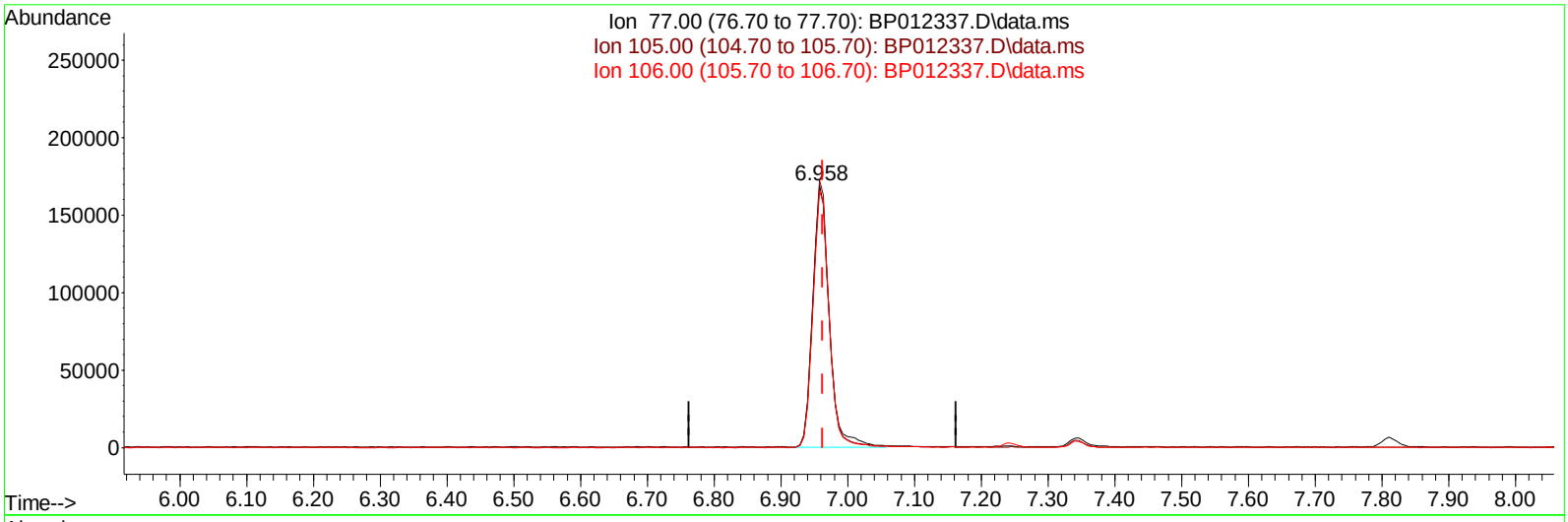
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012337.D
Acq On : 26 Oct 2022 19:52
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 14 Sample Multiplier: 1

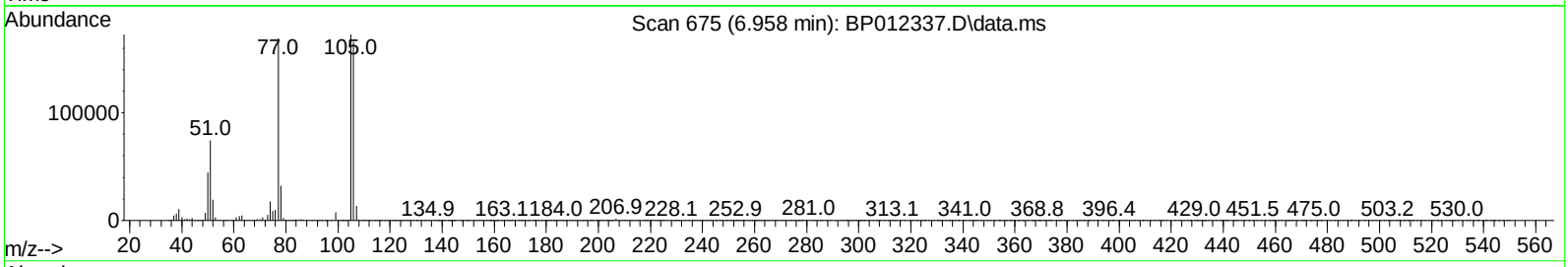
Quant Time: Oct 27 00:27:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 26 23:40:20 2022
Response via : Initial Calibration

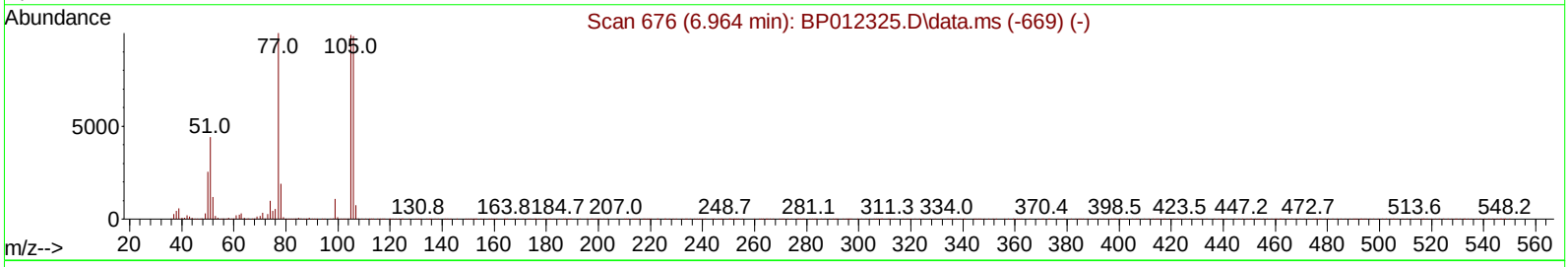
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022







TIC: BP012337.D\data.ms

(6) Benzaldehyde

6.958min (-0.005) 23.19 ng/ul

response 290196

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.30	101.93
106.00	99.00	97.92
0.00	0.00	0.00

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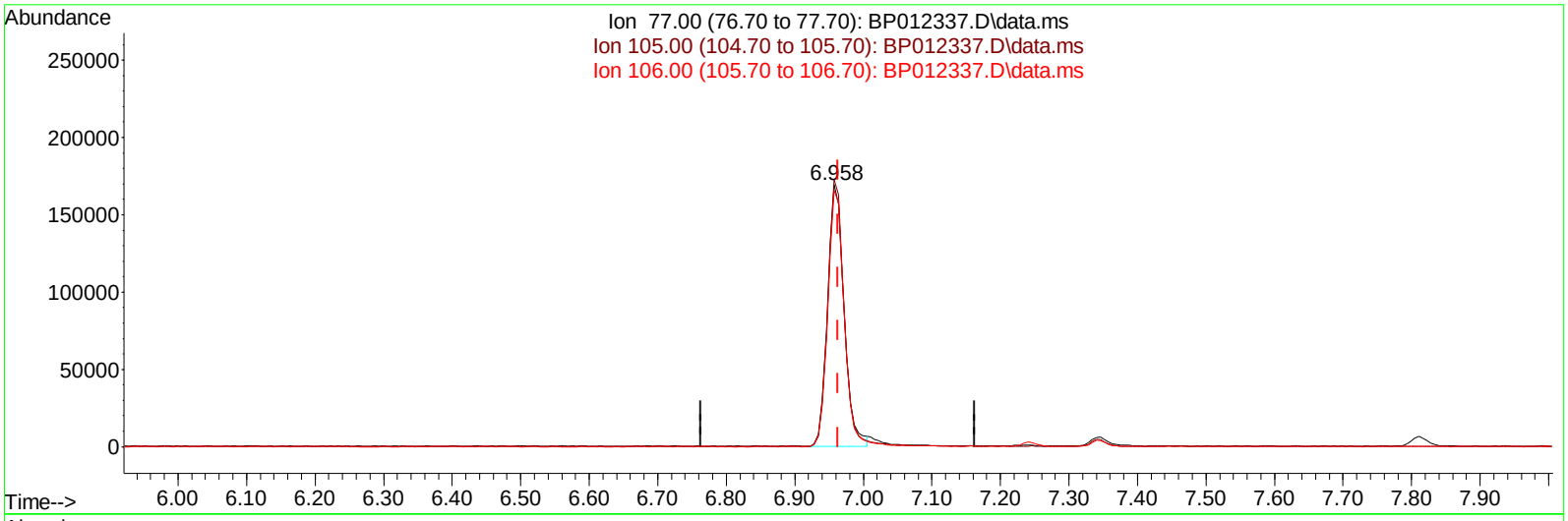

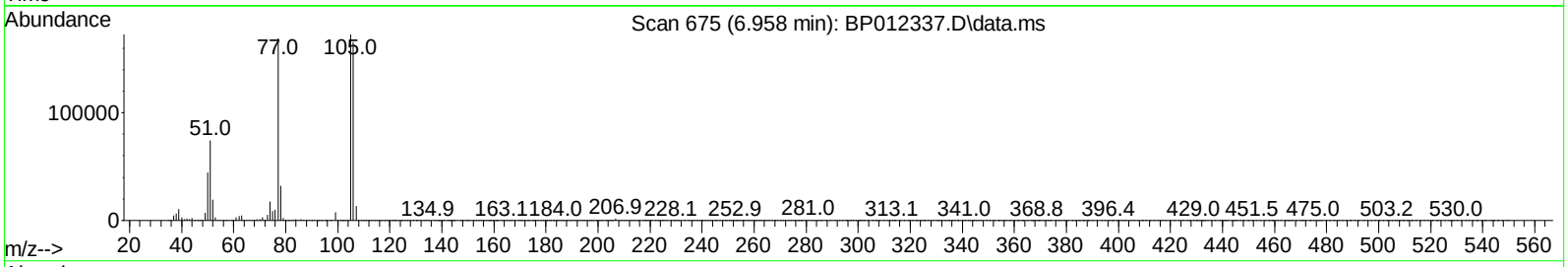

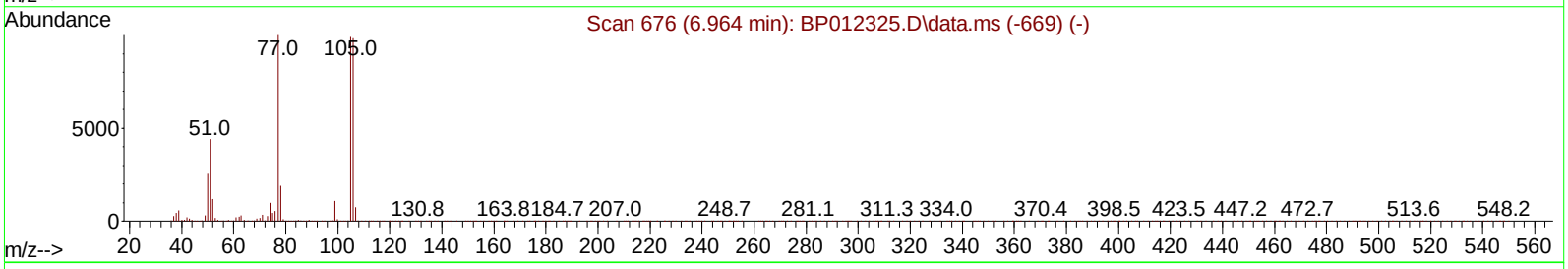

TIC: BP012337.D\data.ms

(6) Benzaldehyde

6.958min (-0.005) 22.66 ng/ul m

response 283506

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.30	101.93
106.00	99.00	97.92
0.00	0.00	0.00

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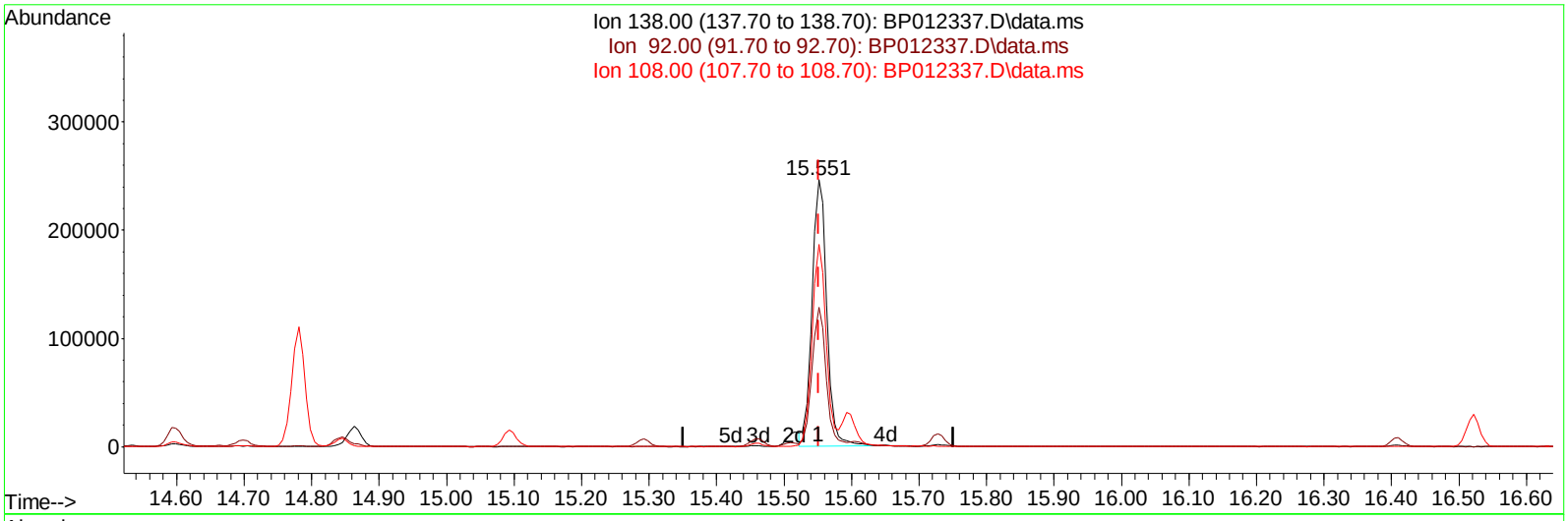

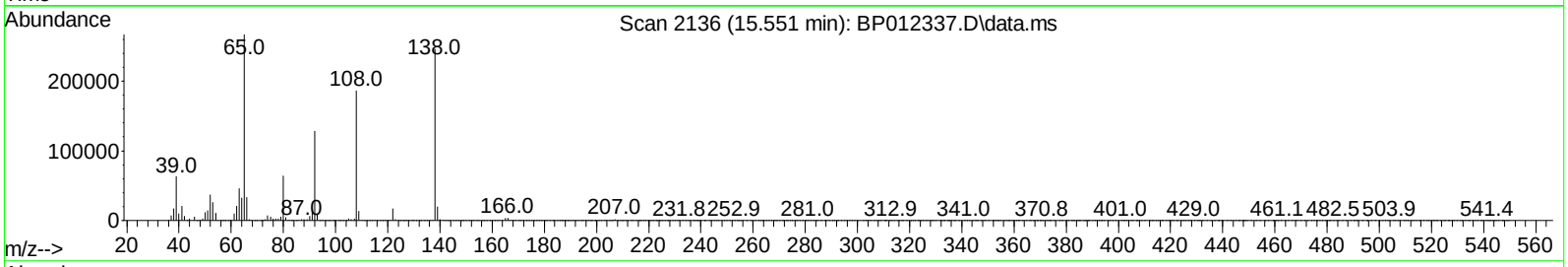

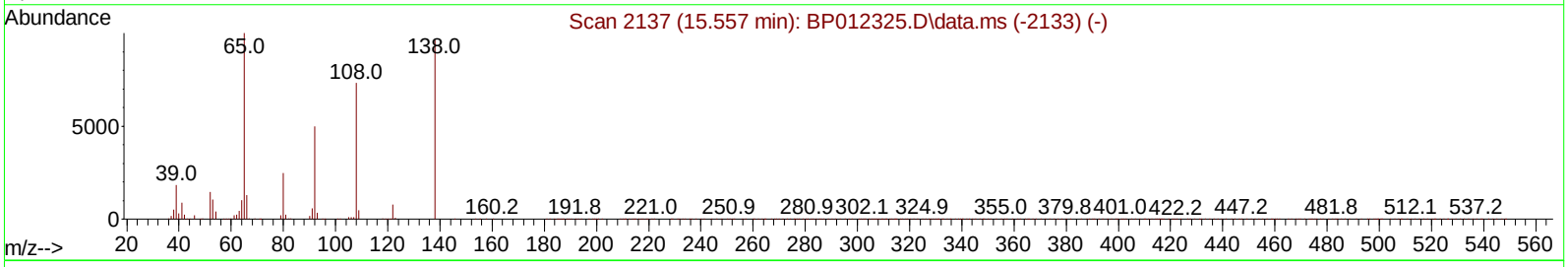

TIC: BP012337.D\data.ms

(63) 4-Nitroaniline

15.551min (+ 0.000) 31.00 ng/ul

response 377498

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	52.33
108.00	70.80	75.73
0.00	0.00	0.00

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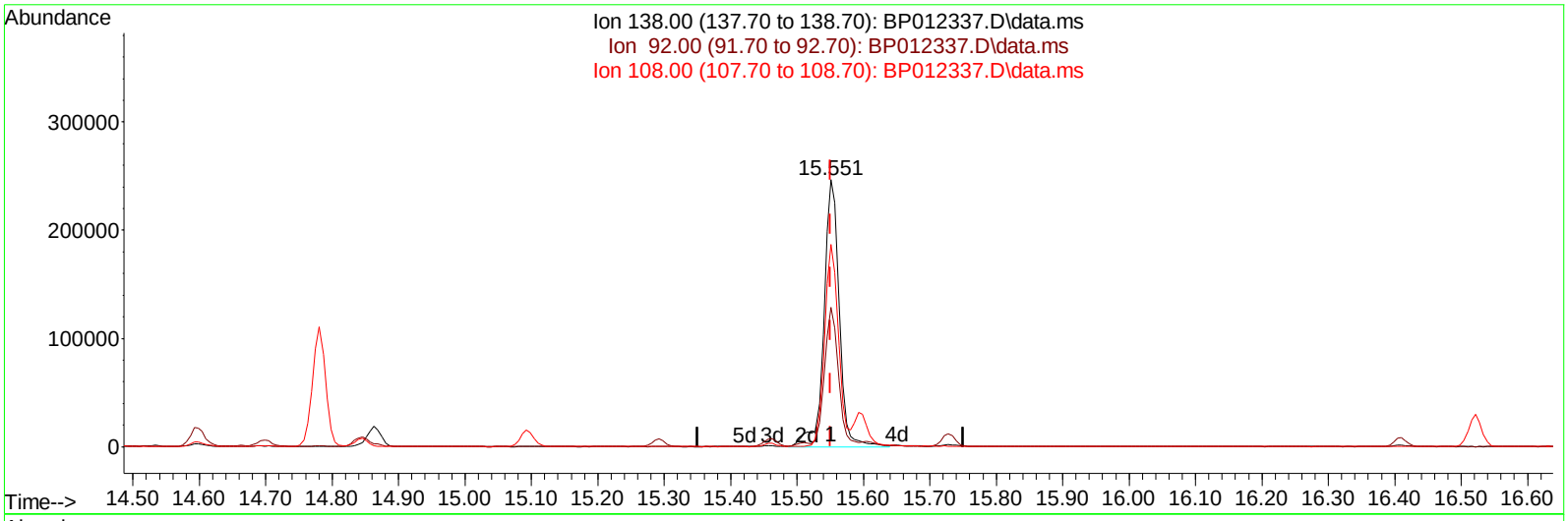

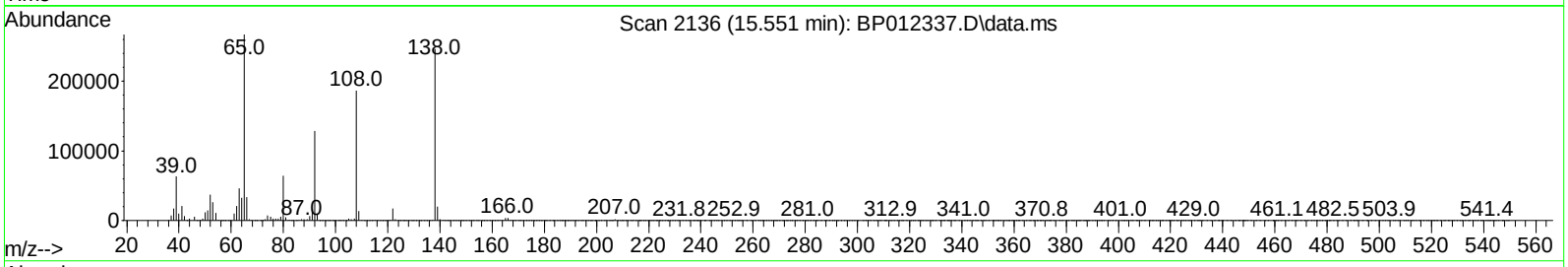

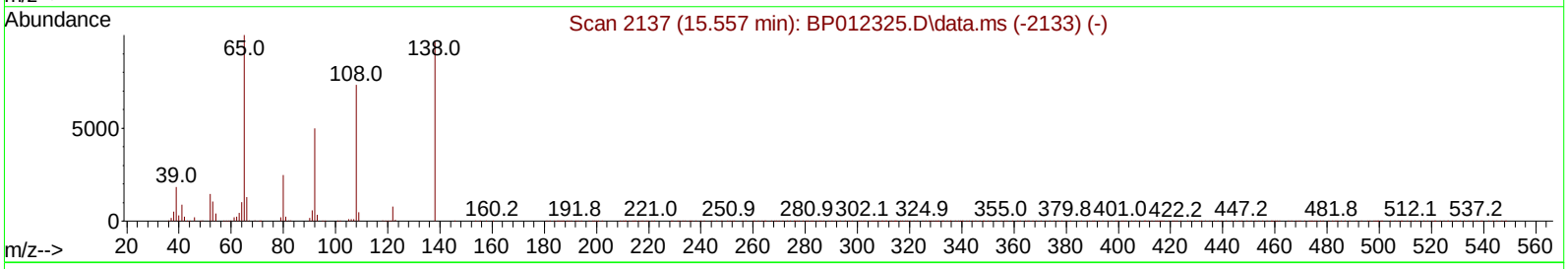

TIC: BP012337.D\data.ms

(63) 4-Nitroaniline

15.551min (+ 0.000) 32.73 ng/ul m

response 398633

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	52.33
108.00	70.80	75.73
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	295827	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	1373562	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	919243	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	2295935	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	2450916	20.000	ng/ul	0.00
88) Perylene-d12	23.721	264	2553060	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	55908	7.610	ng/uL	0.00
4) Pyridine-d5	3.675	84	412866	19.562	ng/ul	0.00
7) Phenol-d5	6.987	99	541103	20.393	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	316381	19.974	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	421553	21.756	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	438722	20.906	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	214898	24.126	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	237277	25.665	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	449559	22.438	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	649744	21.780	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1488340	23.652	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	1570221	21.835	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	311667	26.169	ng/ul	0.00
60) Fluorene-d10	15.463	176	1279253	23.744	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	179123	14.985	ng/ul	0.00
73) Anthracene-d10	17.322	188	2170395	21.939	ng/ul	0.00
81) Pyrene-d10	19.563	212	2615769	21.257	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	2674431	21.439	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	60035	7.686	ng/uL	95
5) Pyridine	3.693	79	399942	19.283	ng/ul	98
6) Benzaldehyde	6.958	77	283506m	22.655	ng/ul	
8) Phenol	7.011	94	564511	20.462	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	448203	20.242	ng/ul	99
12) 2-Chlorophenol	7.375	128	452904	21.472	ng/ul	99
13) 2-Methylphenol	8.263	108	445322	20.990	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	598137	20.143	ng/ul	99
16) Acetophenone	8.646	105	690035	21.171	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	341119	21.739	ng/ul	99
18) 4-Methylphenol	8.593	108	490652	21.159	ng/ul	99
19) Hexachloroethane	8.887	117	175614	21.648	ng/ul	97
22) Nitrobenzene	9.022	77	515198	22.169	ng/ul	99
23) Isophorone	9.552	82	1021488	21.005	ng/ul	100
25) 2-Nitrophenol	9.734	139	264630	23.872	ng/ul	98
26) 2,4-Dimethylphenol	9.799	107	529461	21.752	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.034	93	626158	20.120	ng/ul	100
29) 2,4-Dichlorophenol	10.269	162	465089	22.361	ng/ul	99
30) Naphthalene	10.663	128	1526451	20.969	ng/ul	100
32) 4-Chloroaniline	10.787	127	668610	21.781	ng/ul	99
33) Hexachlorobutadiene	10.940	225	289848	22.399	ng/ul	99
34) Caprolactam	11.587	113	177725	25.112	ng/ul	99
35) 4-Chloro-3-methylphenol	11.916	107	534931	23.406	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	12.281	142	1057463	21.188	ng/ul	100
37) 1-Methylnaphthalene	12.498	142	1053362	21.134	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.646	216	571530	21.167	ng/ul	100
40) Hexachlorocyclopentadiene	12.622	237	168739	13.508	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	401011	23.235	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	461063	24.493	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	1370025	20.269	ng/ul	100
44) 2-Chloronaphthalene	13.334	162	1110358	20.905	ng/ul	99
45) 2-Nitroaniline	13.551	65	343388	27.893	ng/ul	98
47) Dimethylphthalate	13.928	163	1554131	23.441	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	316751	28.773	ng/ul	98
50) Acenaphthylene	14.187	152	1731947	21.476	ng/ul	99
51) 3-Nitroaniline	14.381	138	376670	27.944	ng/ul	99
52) Acenaphthene	14.528	153	1199868	21.171	ng/ul	100
53) 2,4-Dinitrophenol	14.598	184	106966	14.388	ng/ul	99
55) 4-Nitrophenol	14.698	109	233512	25.913	ng/ul	93
56) Dibenzofuran	14.863	168	1718016	22.204	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	472502	28.496	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	431352	26.998	ng/ul	98
59) Diethylphthalate	15.292	149	1617735	25.077	ng/ul	99
61) Fluorene	15.516	166	1454063	23.652	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	710036	23.546	ng/ul	100
63) 4-Nitroaniline	15.551	138	398633m	32.734	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.610	198	192783	15.137	ng/ul	98
67) N-Nitrosodiphenylamine	15.728	169	1333770	20.626	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	497715	21.582	ng/ul	99
69) Hexachlorobenzene	16.522	284	610484	22.072	ng/ul	100
70) Atrazine	16.692	200	502981	22.454	ng/ul	99
71) Pentachlorophenol	16.875	266	391016	23.019	ng/ul	99
72) Phenanthrene	17.269	178	2570710	21.194	ng/ul	99
74) Anthracene	17.357	178	2596930	21.552	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	577873	17.595	ng/uL	99
76) Pentachlorobenzene	14.781	250	681333	19.645	ng/uL	99
77) Carbazole	17.634	167	2438244	22.719	ng/ul	100
78) Di-n-butylphthalate	18.181	149	3030863	24.309	ng/ul	99
80) Fluoranthene	19.239	202	3230219	21.261	ng/ul	98
82) Pyrene	19.592	202	3293192	20.927	ng/ul	98
83) Butylbenzylphthalate	20.469	149	1497912	25.532	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	1088843	20.452	ng/ul	99
85) Benzo(a)anthracene	21.304	228	3352293	21.439	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	2204206	24.570	ng/ul	99
87) Chrysene	21.357	228	3141989	21.495	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	3930242	25.809	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	3444483	21.306	ng/ul	99
91) Benzo(k)fluoranthene	23.039	252	3404769	22.098	ng/ul	98
93) Benzo(a)pyrene	23.616	252	2957014	20.945	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.215	276	3321987	18.883	ng/ul	97
95) Dibenzo(a,h)anthracene	26.233	278	3013949	19.134	ng/ul	99
96) Benzo(g,h,i)perylene	26.986	276	2871229	18.463	ng/ul	98

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

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