Quantitation Report (Qedit)

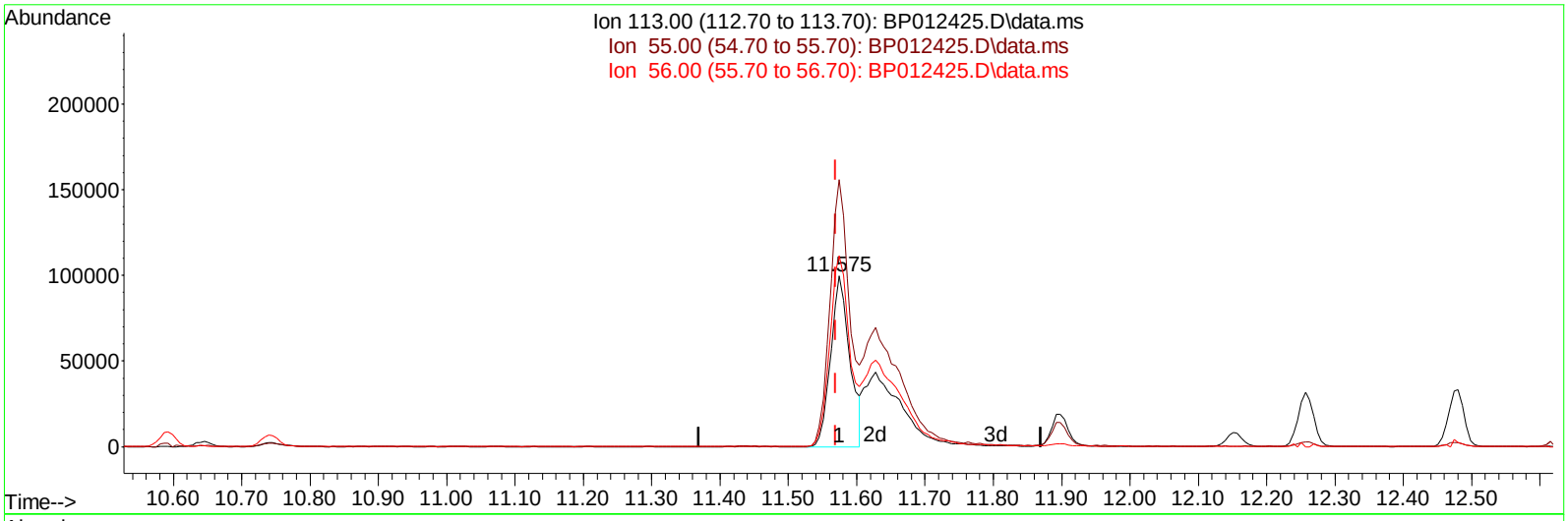
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012425.D
Acq On : 01 Nov 2022 13:50
Operator : CG/JU
Sample : PB148597BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

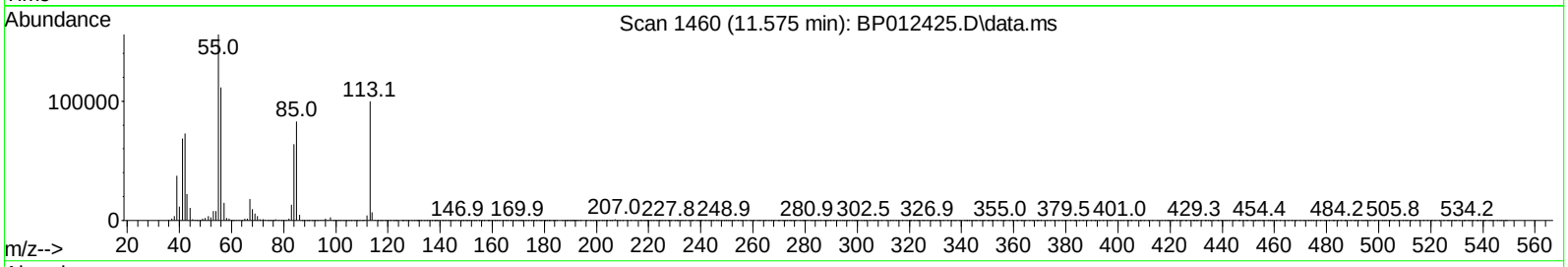
Quant Time: Nov 01 22:57:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 01 01:03:58 2022
Response via : Initial Calibration

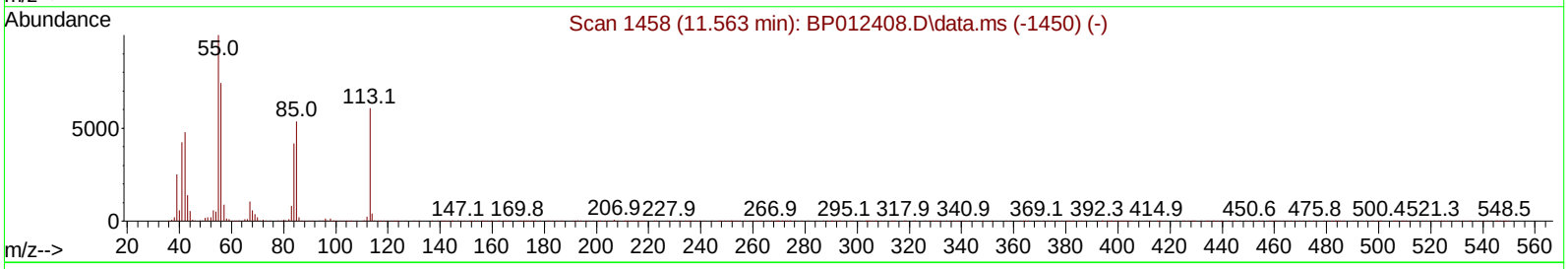
Instrument :
BNA_P
ClientSampleId :
SLCS597

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2022
Supervised By :mohammad ahmed 11/02/2022







TIC: BP012425.D\data.ms

(34) Caprolactam

11.575min (+ 0.005) 27.18 ng/ul

response 194935

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.50	156.20
56.00	123.60	111.87
0.00	0.00	0.00

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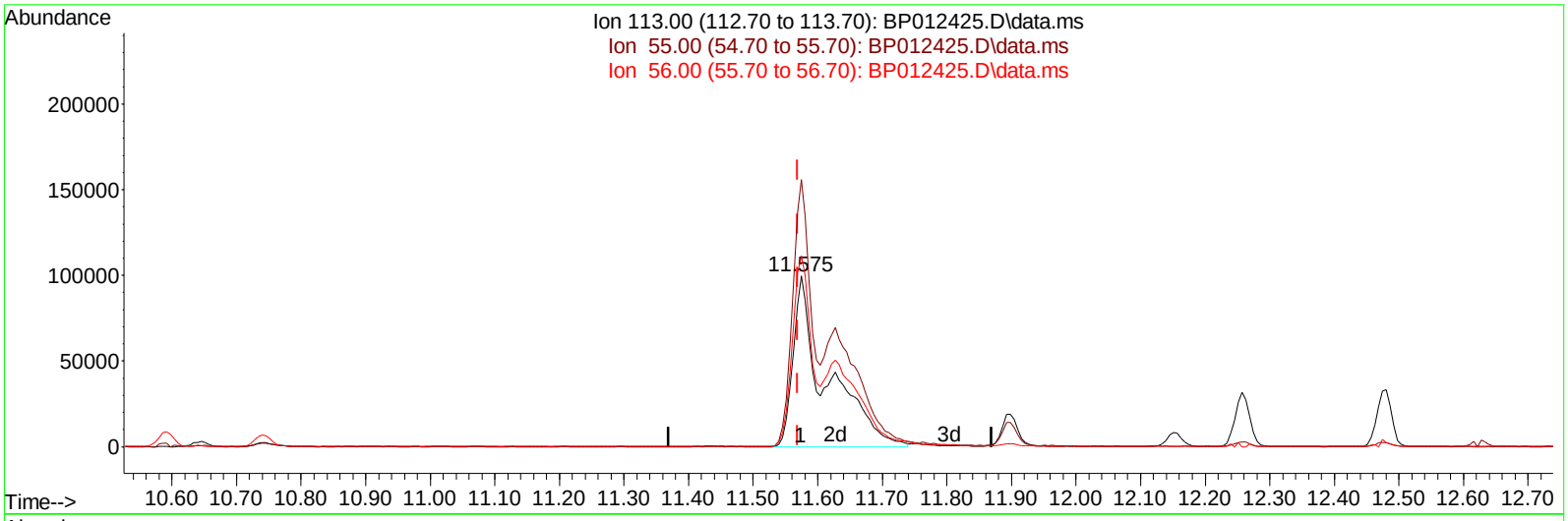

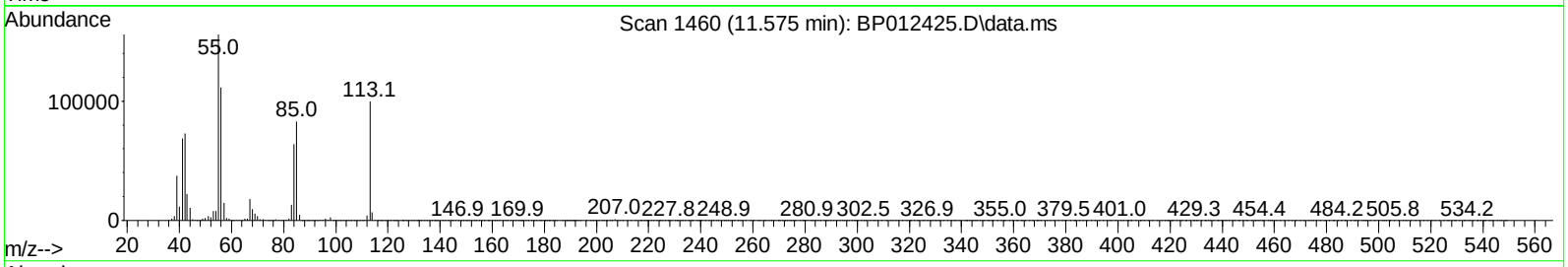

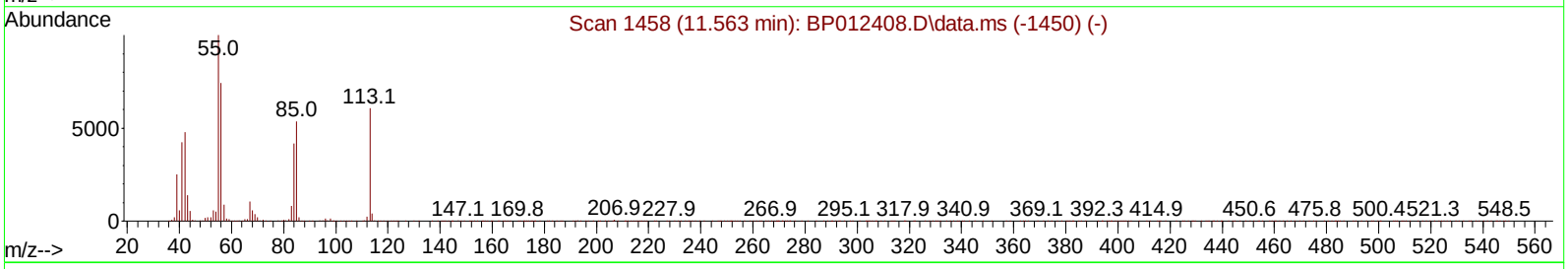

TIC: BP012425.D\data.ms

(34) Caprolactam

11.575min (+ 0.005) 49.67 ng/ul m

response 356276

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.50	156.20
56.00	123.60	111.87
0.00	0.00	0.00

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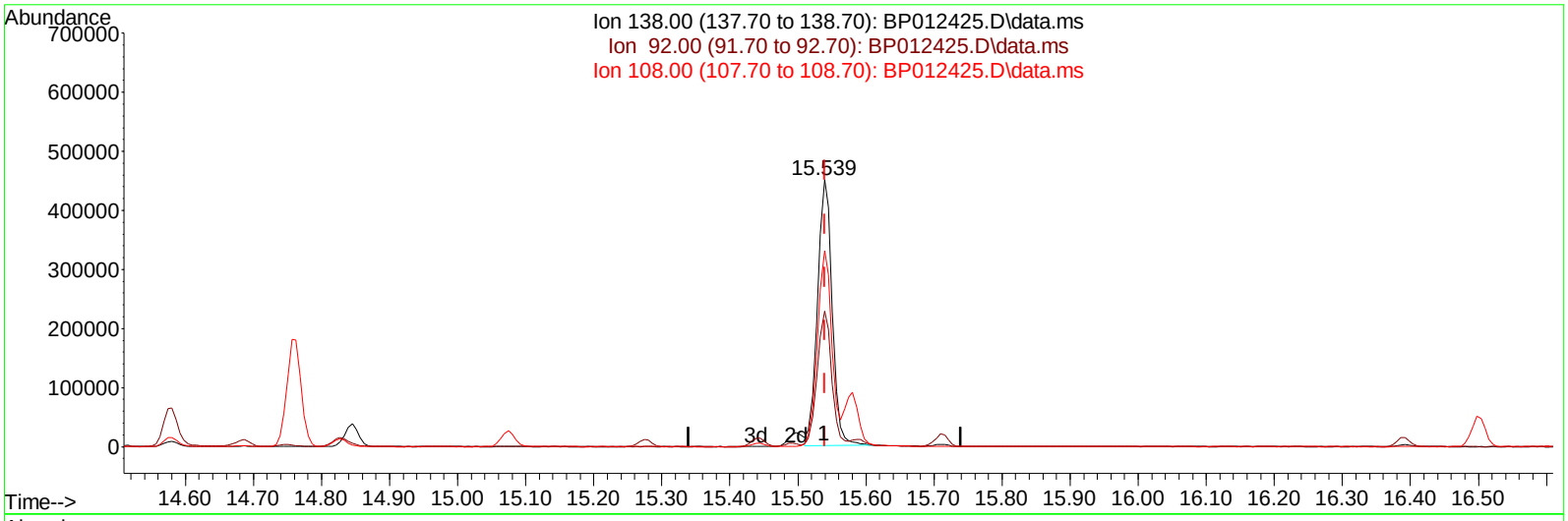

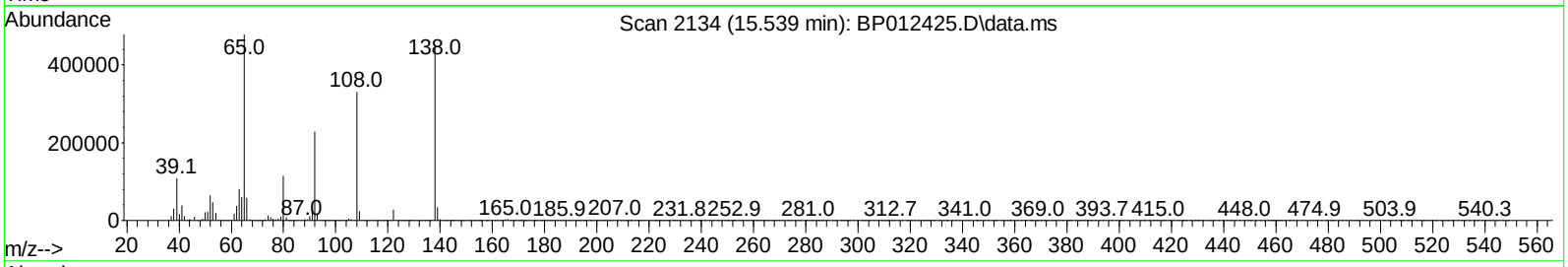

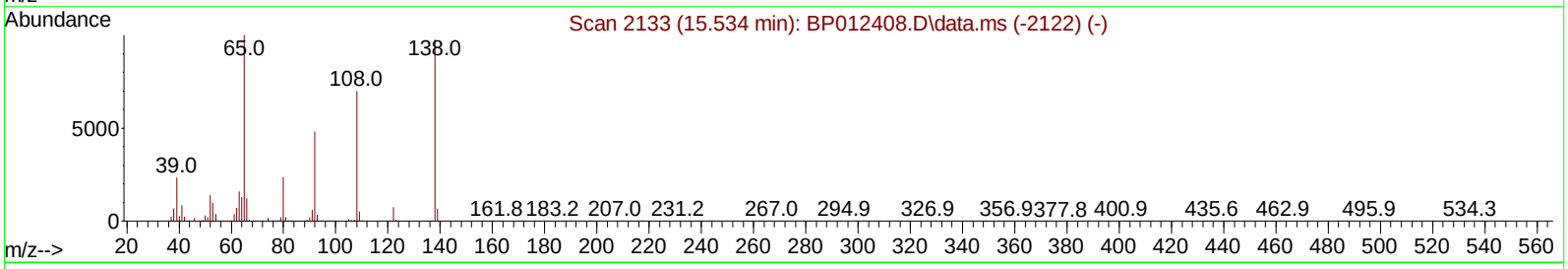

TIC: BP012425.D\data.ms

(63) 4-Nitroaniline

15.539min (-0.001) 56.60 ng/ul

response 674828

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	50.76
108.00	70.80	73.34
0.00	0.00	0.00

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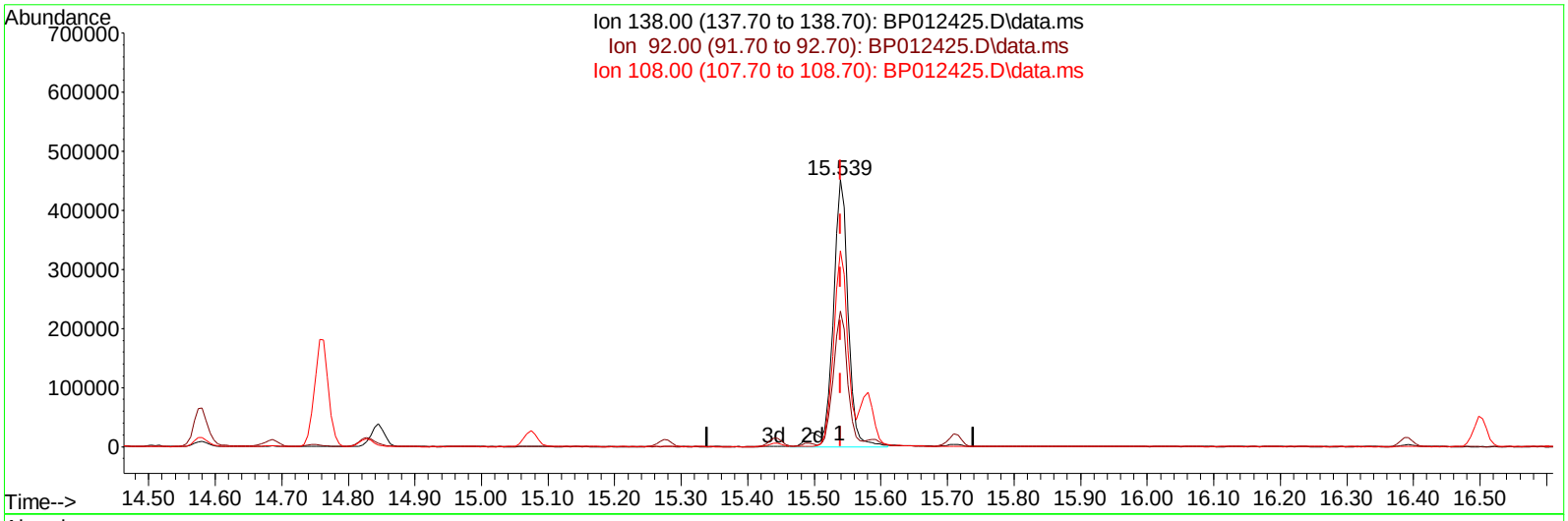

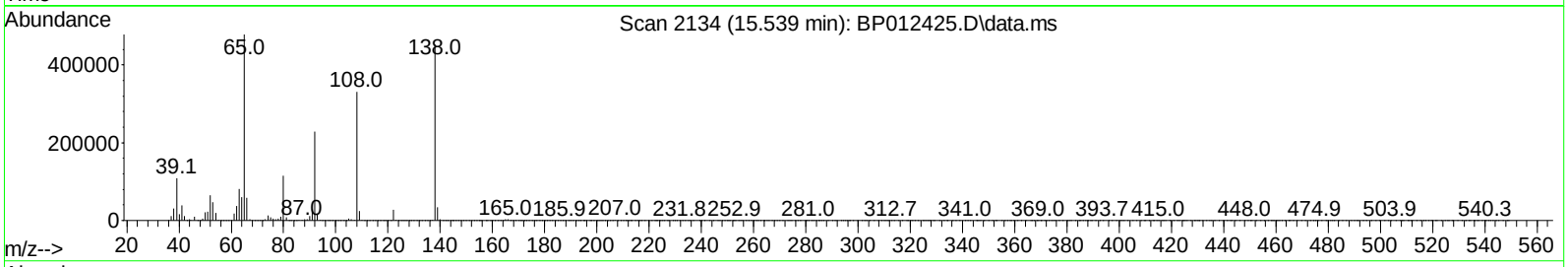

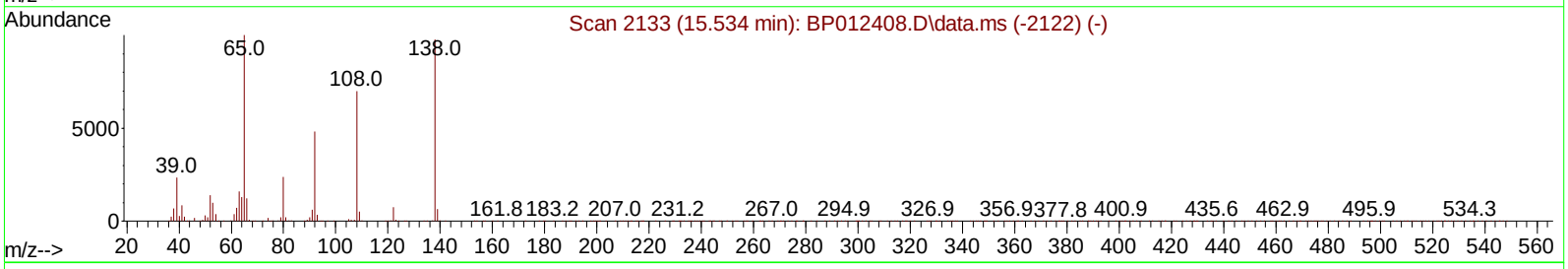

TIC: BP012425.D\data.ms

(63) 4-Nitroaniline

15.539min (-0.001) 60.73 ng/ul m

response 723956

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	50.76
108.00	70.80	73.34
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2022
Supervised By :mohammad ahmed 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	309752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1392132	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	899908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1967593	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	1886692	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1602982	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	61894	8.046	ng/uL	0.00
4) Pyridine-d5	3.657	84	820023	37.108	ng/ul	0.00
7) Phenol-d5	6.969	99	1275495	45.910	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	713182	43.001	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	965183	47.573	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	1021078	46.469	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	498825	55.255	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	563379	60.125	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	1003328	49.409	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	1291872	42.726	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	2938466	47.700	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	3383879	48.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	631250	54.142	ng/ul	0.00
60) Fluorene-d10	15.439	176	2503688	47.469	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	562926	54.951	ng/ul	0.00
73) Anthracene-d10	17.304	188	4020972	47.429	ng/ul	0.00
81) Pyrene-d10	19.545	212	4724953	49.881	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3924212	50.102	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	126841	15.509	ng/uL	100
5) Pyridine	3.675	79	815721	37.561	ng/ul	99
6) Benzaldehyde	6.940	77	642296	49.019	ng/ul	100
8) Phenol	6.992	94	1260995	43.652	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	972755	41.958	ng/ul	99
12) 2-Chlorophenol	7.357	128	975433	44.165	ng/ul	99
13) 2-Methylphenol	8.245	108	967946	43.572	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	1205256	38.765	ng/ul	98
16) Acetophenone	8.628	105	1499948	43.951	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	742516	45.193	ng/ul	98
18) 4-Methylphenol	8.575	108	1067419	43.962	ng/ul	99
19) Hexachloroethane	8.863	117	375667	44.226	ng/ul	97
22) Nitrobenzene	9.004	77	1103840	46.865	ng/ul	98
23) Isophorone	9.533	82	2183104	44.292	ng/ul	99
25) 2-Nitrophenol	9.716	139	591610	52.656	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	1106362	44.846	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	1370128	43.439	ng/ul	99
29) 2,4-Dichlorophenol	10.245	162	975888	46.293	ng/ul	99
30) Naphthalene	10.645	128	3176283	43.050	ng/ul	100
32) 4-Chloroaniline	10.769	127	1293659	41.581	ng/ul	99
33) Hexachlorobutadiene	10.916	225	570951	43.534	ng/ul	98
34) Caprolactam	11.575	113	356276m	49.669	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	1097921	47.399	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	2203155	43.556	ng/ul	99
37) 1-Methylnaphthalene	12.480	142	2193553	43.423	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.627	216	1149835	43.500	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	540827	44.224	ng/ul	100
41) 2,4,6-Trichlorophenol	12.874	196	799443	47.315	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	885630	48.058	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	2897020	43.781	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	2270170	43.659	ng/ul	99
45) 2-Nitroaniline	13.533	65	692241	57.439	ng/ul	99
47) Dimethylphthalate	13.910	163	2923711	45.046	ng/ul	100
48) 2,6-Dinitrotoluene	14.039	165	634657	58.890	ng/ul	97
50) Acenaphthylene	14.169	152	3561993	45.117	ng/ul	99
51) 3-Nitroaniline	14.369	138	690643	52.338	ng/ul	98
52) Acenaphthene	14.510	153	2460420	44.345	ng/ul	100
53) 2,4-Dinitrophenol	14.580	184	403565	55.451	ng/ul	98
55) 4-Nitrophenol	14.686	109	439905	49.865	ng/ul	95
56) Dibenzofuran	14.845	168	3373686	44.539	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	911930	56.180	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.074	232	764185	48.857	ng/ul	97
59) Diethylphthalate	15.274	149	2941006	46.568	ng/ul	99
61) Fluorene	15.498	166	2674608	44.440	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	1306187	44.246	ng/ul	99
63) 4-Nitroaniline	15.539	138	723956m	60.725	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	560973	51.396	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	2407516	43.444	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	897377	45.406	ng/ul	98
69) Hexachlorobenzene	16.504	284	1073604	45.293	ng/ul	97
70) Atrazine	16.674	200	724588	37.744	ng/ul	98
71) Pentachlorophenol	16.857	266	673625	46.273	ng/ul	100
72) Phenanthrene	17.251	178	4603268	44.285	ng/ul	100
74) Anthracene	17.339	178	4589721	44.447	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	1210845	43.020	ng/uL	99
76) Pentachlorobenzene	14.763	250	1186091	39.906	ng/uL	100
77) Carbazole	17.621	167	4359136	47.396	ng/ul	100
78) Di-n-butylphthalate	18.162	149	5179487	48.475	ng/ul	100
80) Fluoranthene	19.221	202	5536437	47.339	ng/ul	99
82) Pyrene	19.574	202	5612333	46.330	ng/ul	100
83) Butylbenzylphthalate	20.451	149	2504058	55.445	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	1892151	46.168	ng/ul	99
85) Benzo(a)anthracene	21.286	228	5448256	45.264	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.203	149	3561361	51.570	ng/ul	99
87) Chrysene	21.339	228	5065543	45.017	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	5944710	62.175	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	5094285	50.188	ng/ul	99
91) Benzo(k)fluoranthene	23.009	252	4801486	49.634	ng/ul	100
93) Benzo(a)pyrene	23.586	252	4185449	47.218	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.168	276	4775632	43.236	ng/ul	99
95) Dibenzo(a,h)anthracene	26.186	278	4102014	41.476	ng/ul	99
96) Benzo(g,h,i)perylene	26.933	276	3966425	40.623	ng/ul	99

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

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