Quantitation Report (Qedit)

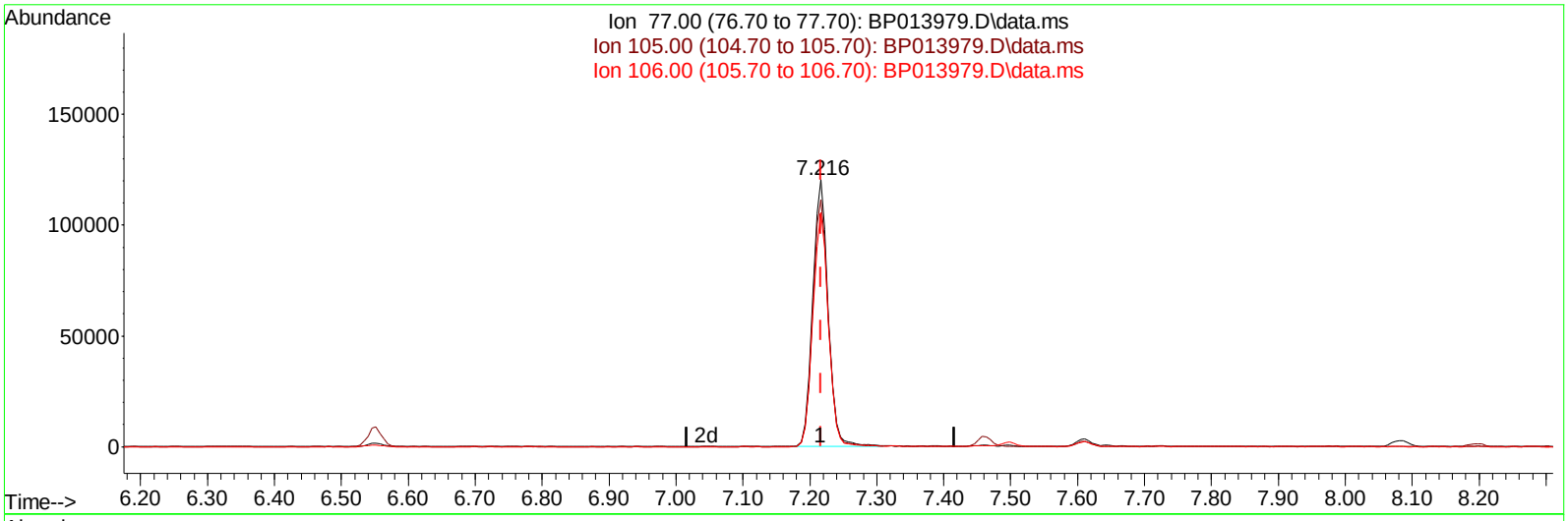
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
Data File : BP013979.D
Acq On : 08 Mar 2023 16:02
Operator : CG/JU
Sample : 01746-23MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

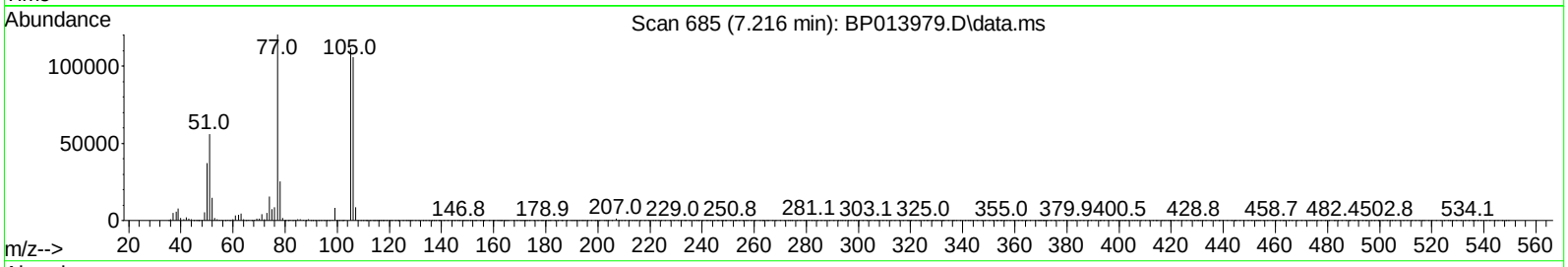
Quant Time: Mar 09 01:14:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:10:12 2023
Response via : Initial Calibration

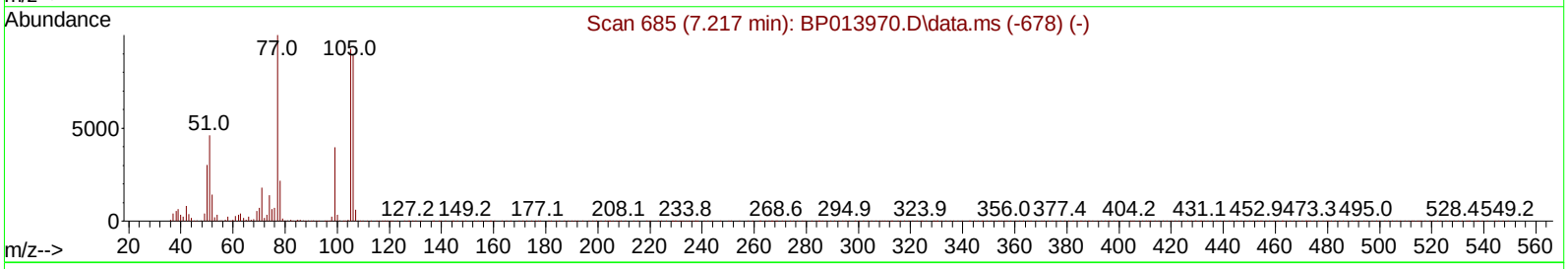
Instrument :
BNA_P
ClientSampleId :
DCAC6MSD

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023







TIC: BP013979.D\data.ms

(6) Benzaldehyde

7.216min (-0.000) 38.03 ng/ul

response 192935

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	92.62
106.00	87.30	87.89
0.00	0.00	0.00

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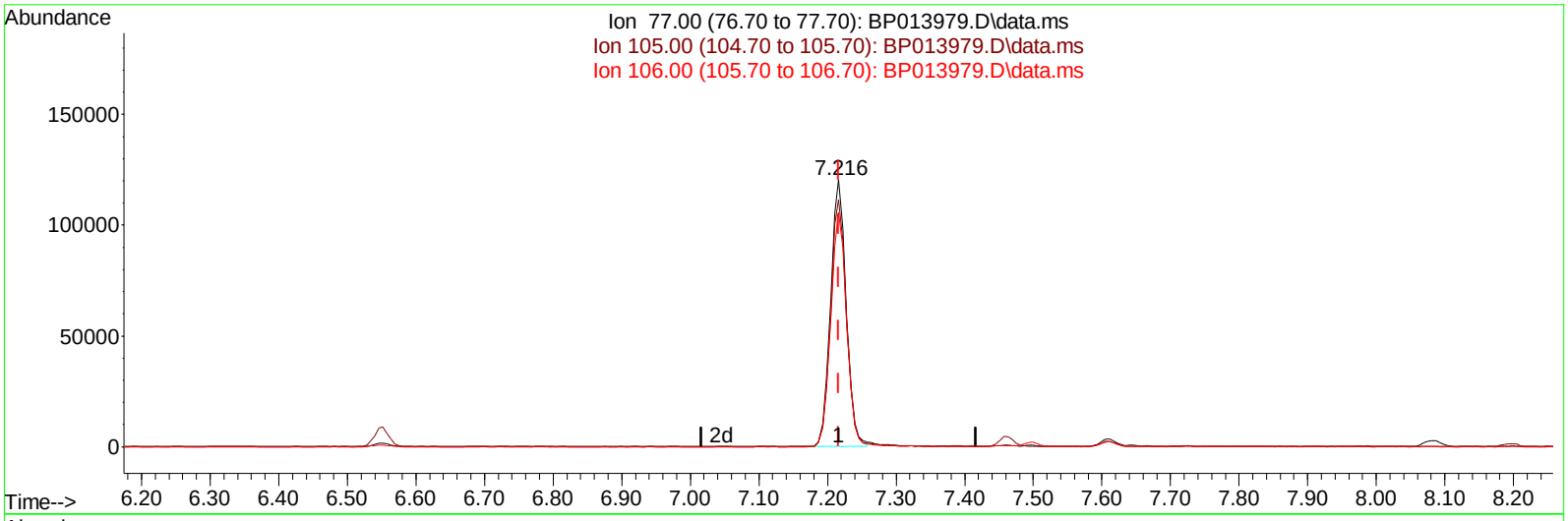

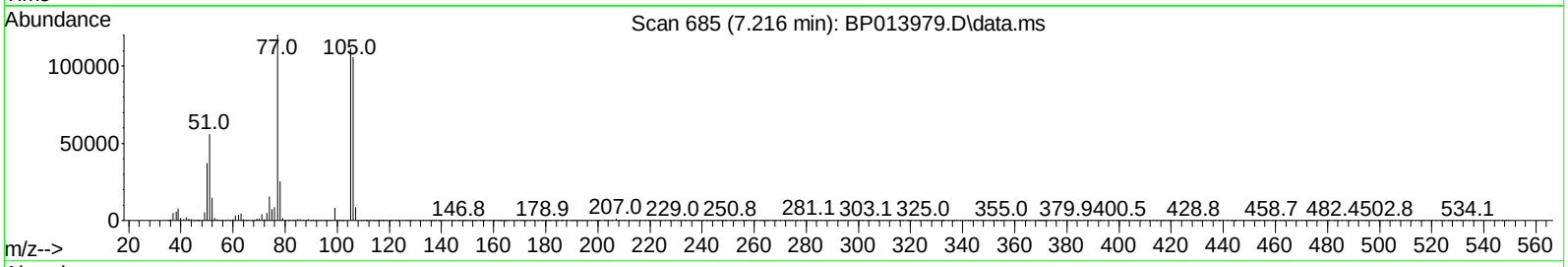

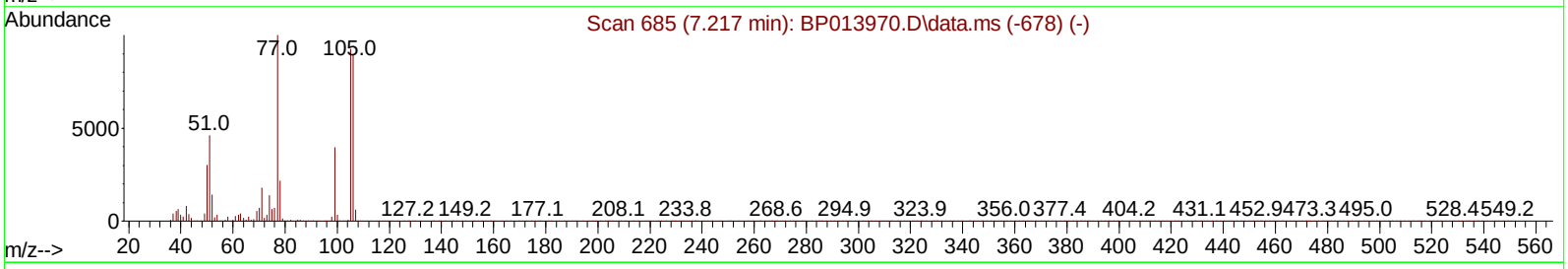

TIC: BP013979.D\data.ms

(6) Benzaldehyde

7.216min (-0.000) 37.59 ng/ul m

response 190704

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	92.62
106.00	87.30	87.89
0.00	0.00	0.00

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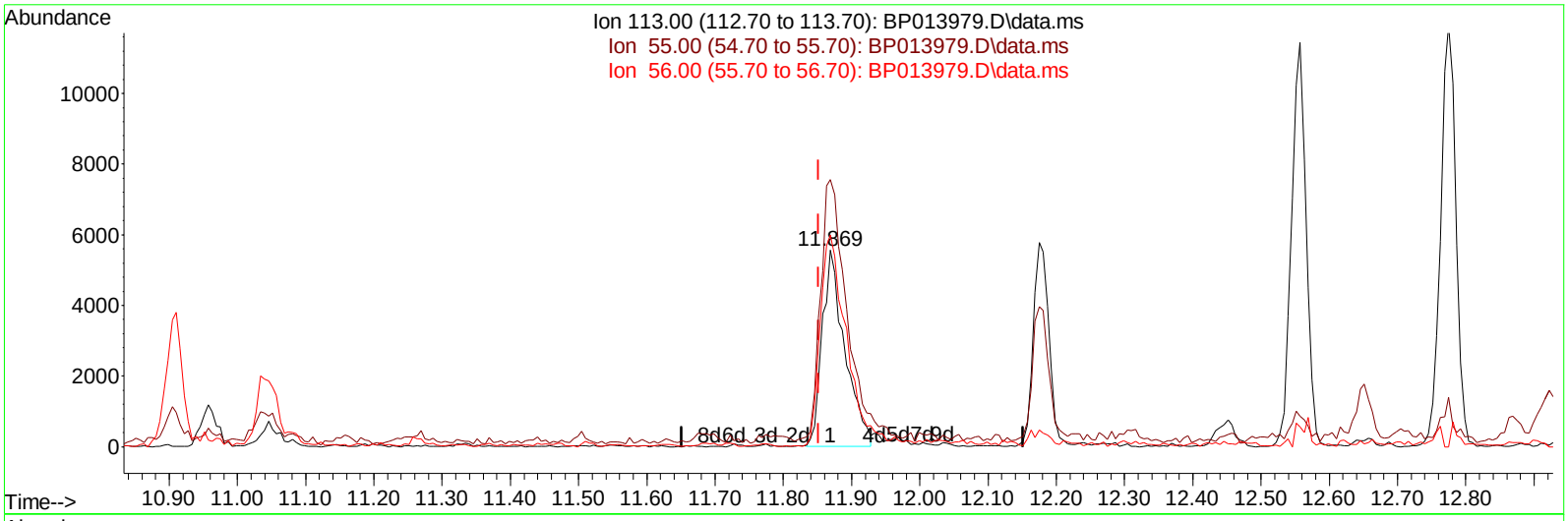

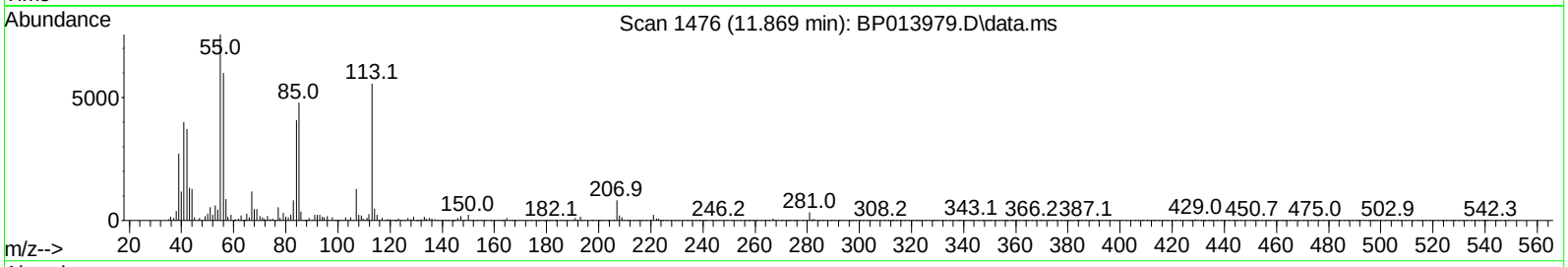

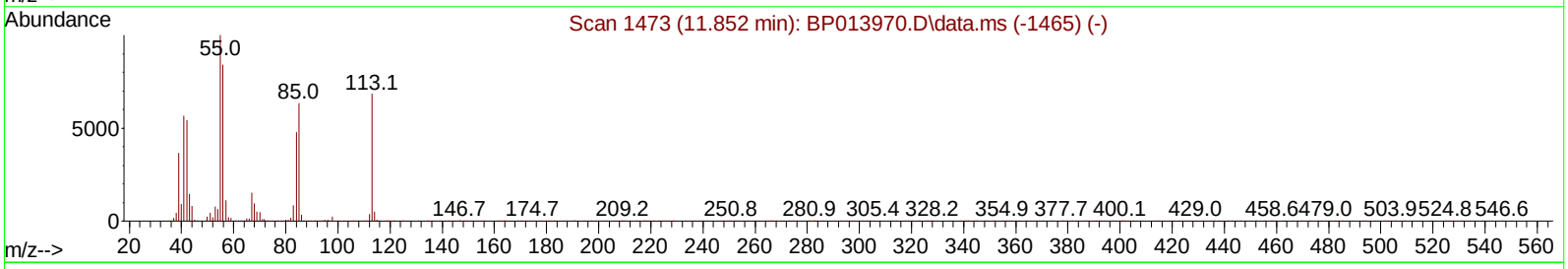

TIC: BP013979.D\data.ms

(34) Caprolactam

11.869min (+ 0.017) 4.52 ng/ul

response 12824

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	135.88
56.00	127.50	107.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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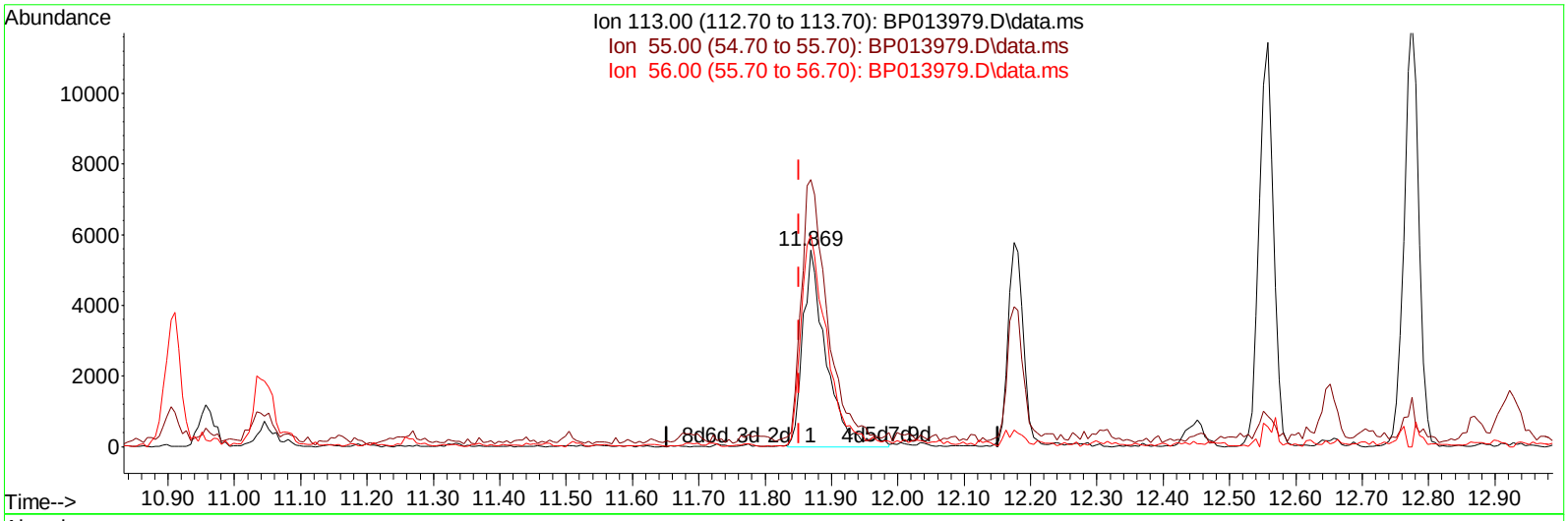

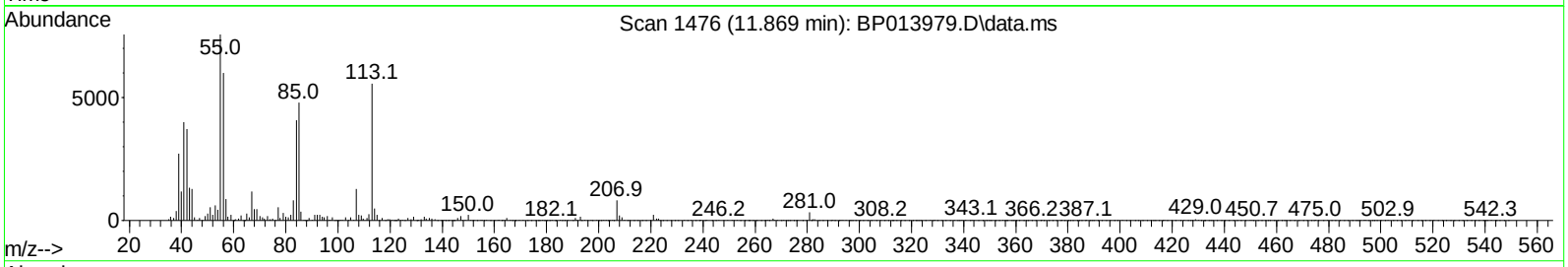

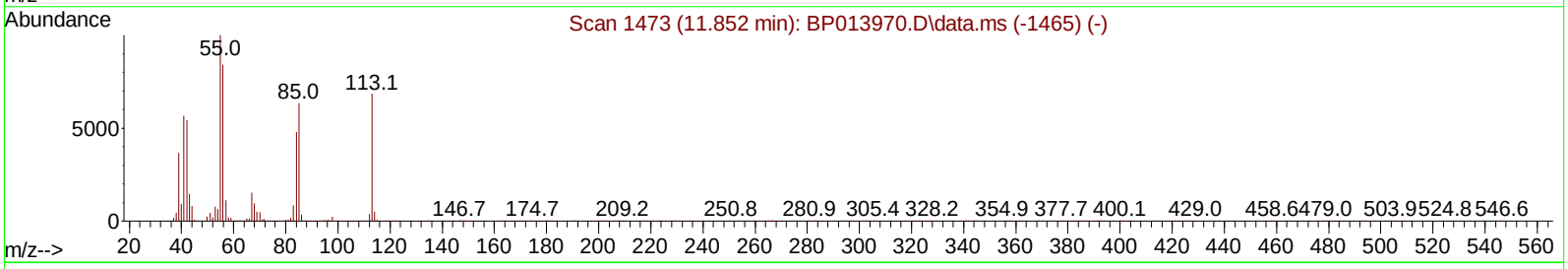

TIC: BP013979.D\data.ms

(34) Caprolactam

11.869min (+ 0.017) 4.79 ng/ul m

response 13601

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	135.88
56.00	127.50	107.91
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	8.081	152	115532	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	493133	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	356255	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	873546	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	987069	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1101324	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	12583	4.115	ng/uL	0.00
4) Pyridine-d5	3.875	84	61750	7.294	ng/ul	0.00
7) Phenol-d5	7.234	99	60295	5.914	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	168909	28.407	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	170141	21.904	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	120659	14.488	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	118550	30.129	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	133132	28.266	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	237451	26.793	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	286180	24.401	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	991972	32.809	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	976246	30.481	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	38160	7.162	ng/ul	0.00
60) Fluorene-d10	15.716	176	817848	31.918	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	214033	32.418	ng/ul	0.00
73) Anthracene-d10	17.575	188	1411205	33.278	ng/ul	0.00
81) Pyrene-d10	19.798	212	1830870	33.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	2003910	34.207	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	14267	4.322	ng/uL	96
5) Pyridine	3.893	79	64833	7.551	ng/ul	95
6) Benzaldehyde	7.216	77	190704m	37.592	ng/ul	
8) Phenol	7.263	94	67789	6.447	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.499	93	240424	29.847	ng/ul	100
12) 2-Chlorophenol	7.640	128	181685	23.215	ng/ul	97
13) 2-Methylphenol	8.528	108	139502	17.843	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.616	45	260542	29.951	ng/ul	98
16) Acetophenone	8.916	105	412530	30.663	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	213755	31.057	ng/ul	97
18) 4-Methylphenol	8.857	108	132954	15.461	ng/ul	95
19) Hexachloroethane	9.169	117	101622	29.648	ng/ul	97
22) Nitrobenzene	9.299	77	327719	31.136	ng/ul	99
23) Isophorone	9.828	82	626971	30.932	ng/ul	99
25) 2-Nitrophenol	10.016	139	140455	28.934	ng/ul	99
26) 2,4-Dimethylphenol	10.069	107	271156	25.520	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.304	93	341450	29.123	ng/ul	98
29) 2,4-Dichlorophenol	10.551	162	238194	27.247	ng/ul	99
30) Naphthalene	10.957	128	891383	32.917	ng/ul	99
32) 4-Chloroaniline	11.069	127	279120	23.651	ng/ul	99
33) Hexachlorobutadiene	11.240	225	197435	28.381	ng/ul	96
34) Caprolactam	11.869	113	13601m	4.792	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	276048	27.307	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	12.557	142	573317	30.185	ng/ul	100
37) 1-Methylnaphthalene	12.775	142	595956	31.217	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	385666	29.936	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	212390	23.023	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	256593	31.706	ng/ul	97
42) 2,4,5-Trichlorophenol	13.228	196	281591	31.705	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	837265	30.526	ng/ul	100
44) 2-Chloronaphthalene	13.604	162	668291	30.678	ng/ul	98
45) 2-Nitroaniline	13.810	65	227446	35.303	ng/ul	99
47) Dimethylphthalate	14.175	163	1012870	33.845	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	214118	36.189	ng/ul	99
50) Acenaphthylene	14.445	152	1071890	31.890	ng/ul	99
51) 3-Nitroaniline	14.628	138	175329	33.468	ng/ul	94
52) Acenaphthene	14.787	153	1417532	60.326	ng/ul	99
53) 2,4-Dinitrophenol	14.834	184	146177	33.083	ng/ul	95
55) 4-Nitrophenol	14.928	109	42962	7.465	ng/ul	96
56) Dibenzofuran	15.122	168	1131854	33.110	ng/ul	99
57) 2,4-Dinitrotoluene	15.086	165	322424	36.473	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.345	232	294175	34.621	ng/ul	97
59) Diethylphthalate	15.534	149	1047325	34.504	ng/ul	100
61) Fluorene	15.769	166	1236316	43.630	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.757	204	508893	32.538	ng/ul	99
63) 4-Nitroaniline	15.792	138	214854	39.899	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.851	198	211400	33.562	ng/ul	99
67) N-Nitrosodiphenylamine	15.975	169	828722	33.590	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	354705	33.588	ng/ul	97
69) Hexachlorobenzene	16.775	284	422149	33.923	ng/ul	98
70) Atrazine	16.928	200	329058	30.924	ng/ul	100
71) Pentachlorophenol	17.122	266	275238	33.836	ng/ul	98
72) Phenanthrene	17.522	178	1649501	34.620	ng/ul	99
74) Anthracene	17.610	178	1654467	34.247	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.522	216	398574	29.730	ng/uL	98
76) Pentachlorobenzene	15.039	250	439463	31.557	ng/uL	99
77) Carbazole	17.880	167	2481614	58.237	ng/ul	99
78) Di-n-butylphthalate	18.404	149	1924182	36.131	ng/ul	99
80) Fluoranthene	19.474	202	2188832	35.274	ng/ul	98
82) Pyrene	19.827	202	2245463	34.689	ng/ul	98
83) Butylbenzylphthalate	20.674	149	940829	36.046	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	665699	26.345	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2416015	34.799	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	1404762	35.999	ng/ul	99
87) Chrysene	21.592	228	2262770	34.199	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	2446041	35.199	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2609628	35.560	ng/ul	99
91) Benzo(k)fluoranthene	23.363	252	2468479	35.275	ng/ul	99
93) Benzo(a)pyrene	23.980	252	2238804	35.074	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.774	276	2804104	33.185	ng/ul	99
95) Dibenzo(a,h)anthracene	26.786	278	2338075	33.292	ng/ul	99
96) Benzo(g,h,i)perylene	27.598	276	2184855	32.349	ng/ul	100

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

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