Quantitation Report (Qedit)

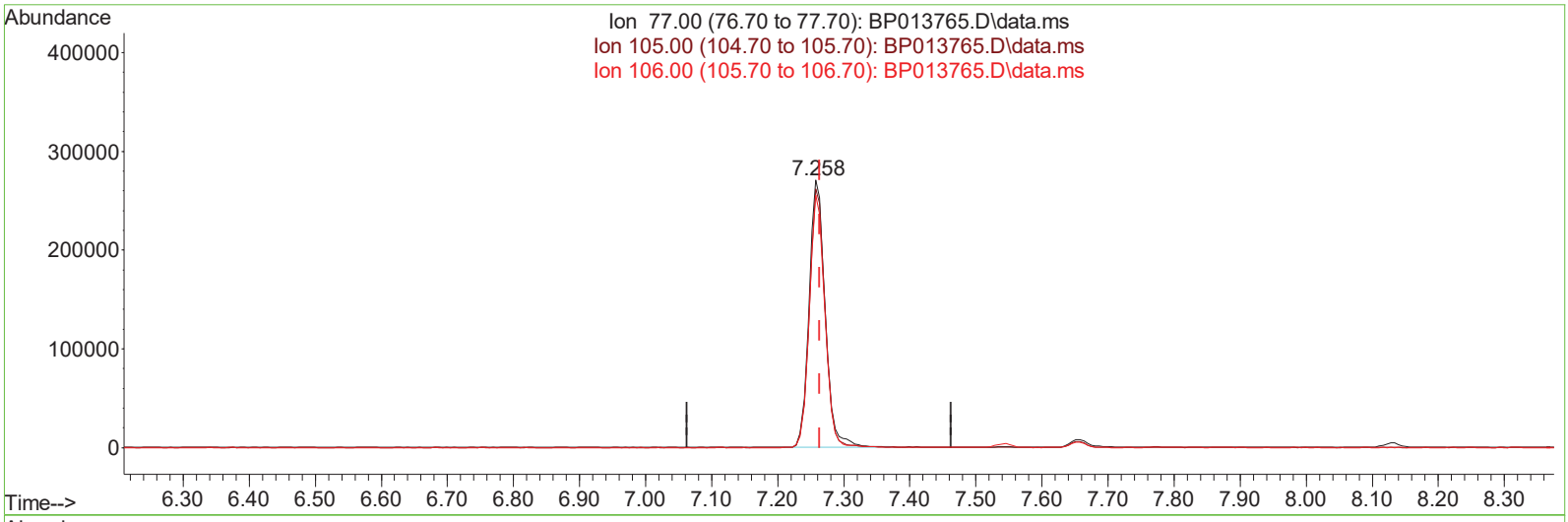
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013764.D
Acq On : 04 Feb 2023 05:41
Operator : CG/JU
Sample : PB150621BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

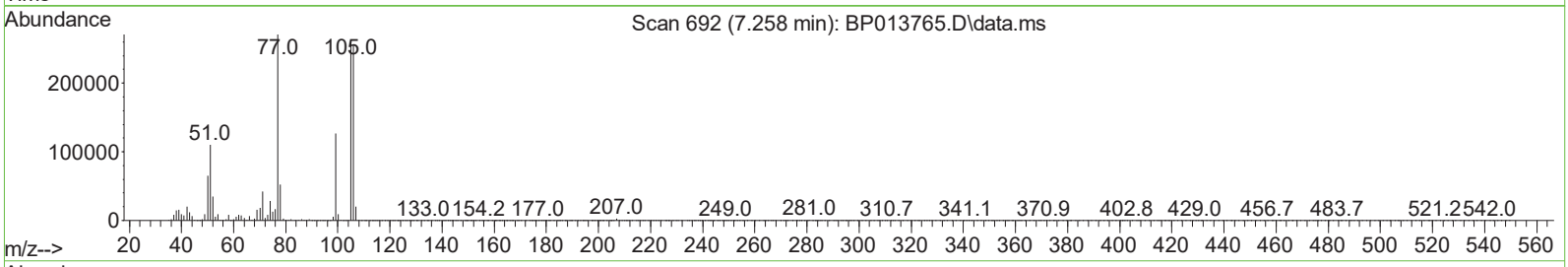
Quant Time: Feb 05 23:49:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 03 23:44:43 2023
Response via : Initial Calibration

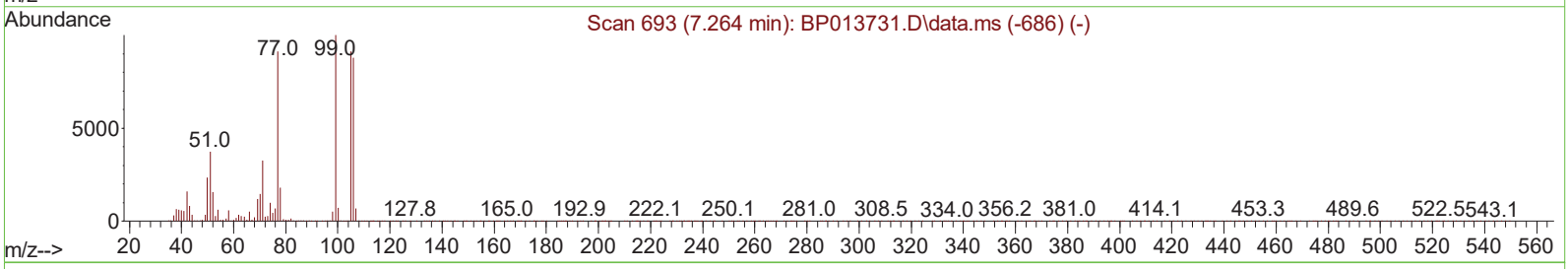
Instrument :
BNA_P
ClientSampleId :
SLCS621

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
Supervised By :mohammad ahmed 02/06/2023







TIC: BP013765.D\data.ms

(6) Benzaldehyde

7.258min (-0.006) 56.44 ng/ul

response 458943

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	96.88
106.00	93.70	94.37
0.00	0.00	0.00

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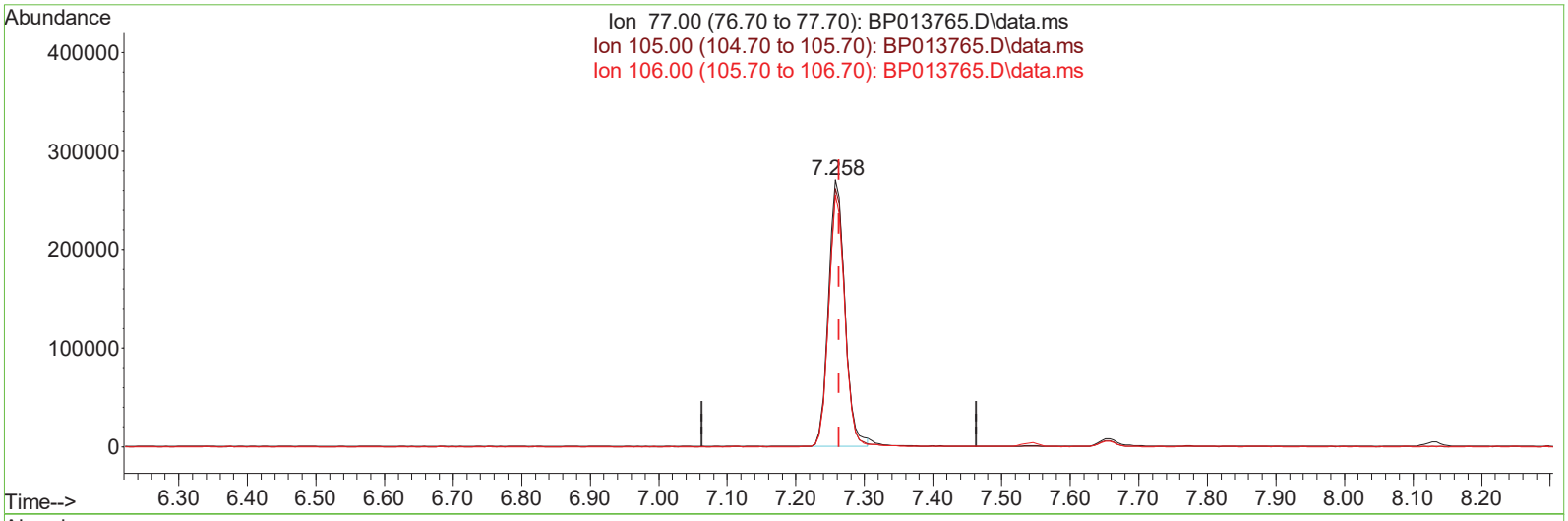

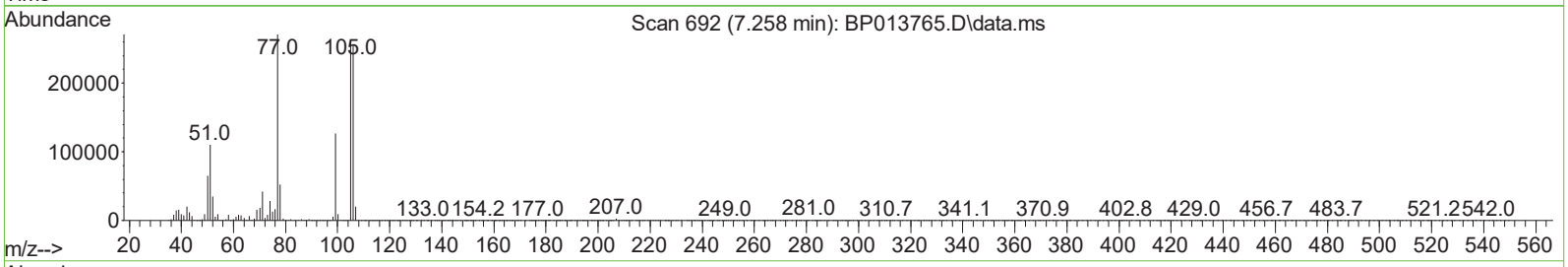

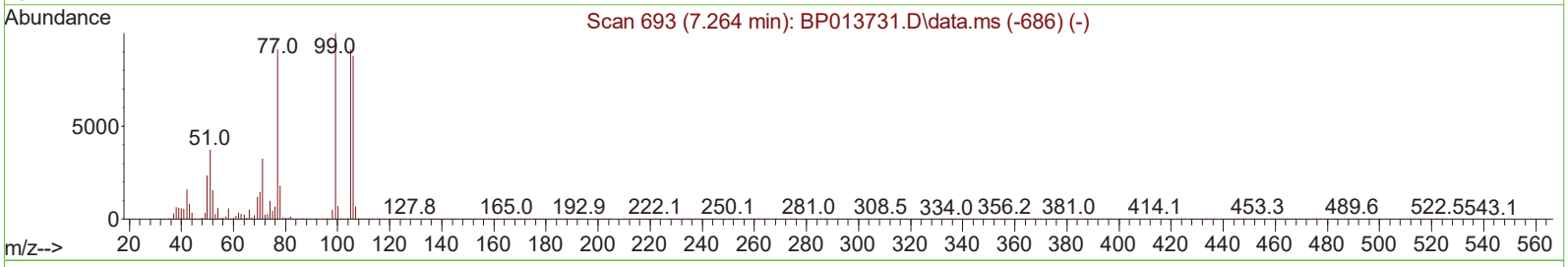

TIC: BP013765.D\data.ms

(6) Benzaldehyde

7.258min (-0.006) 55.74 ng/ul m

response 453261

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	96.88
106.00	93.70	94.37
0.00	0.00	0.00

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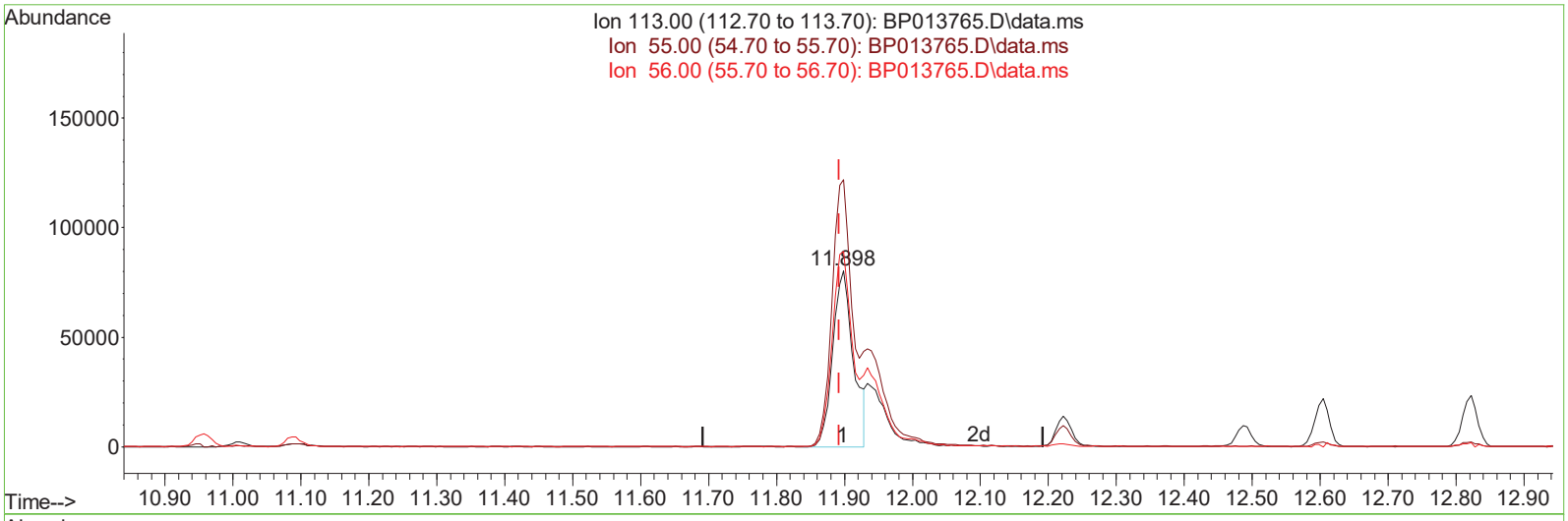

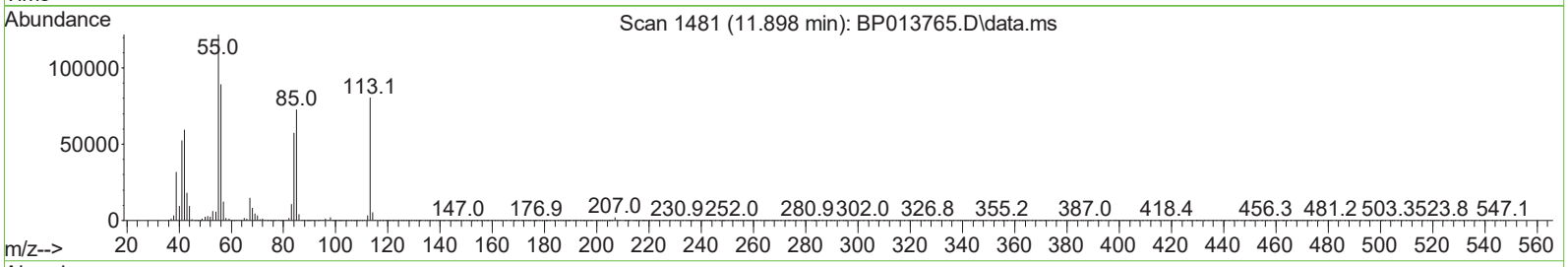

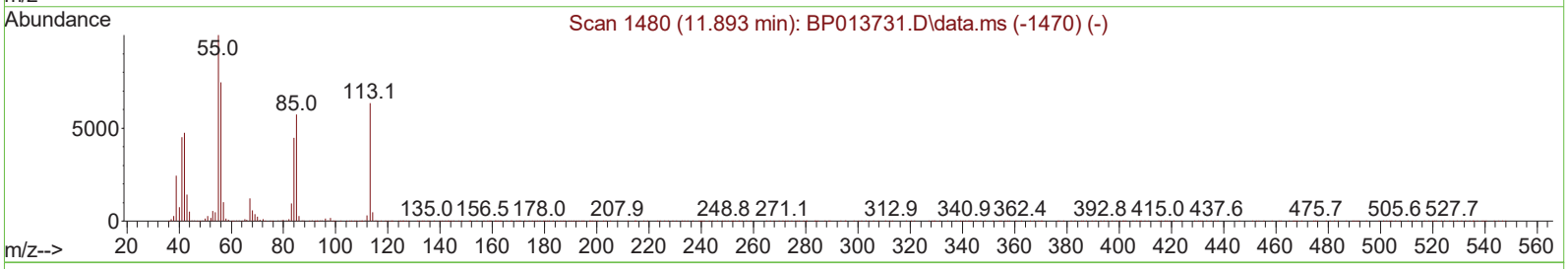

TIC: BP013765.D\data.ms

(34) Caprolactam

11.898min (+ 0.006) 29.34 ng/ul

response 169305

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	151.59
56.00	115.20	110.84
0.00	0.00	0.00

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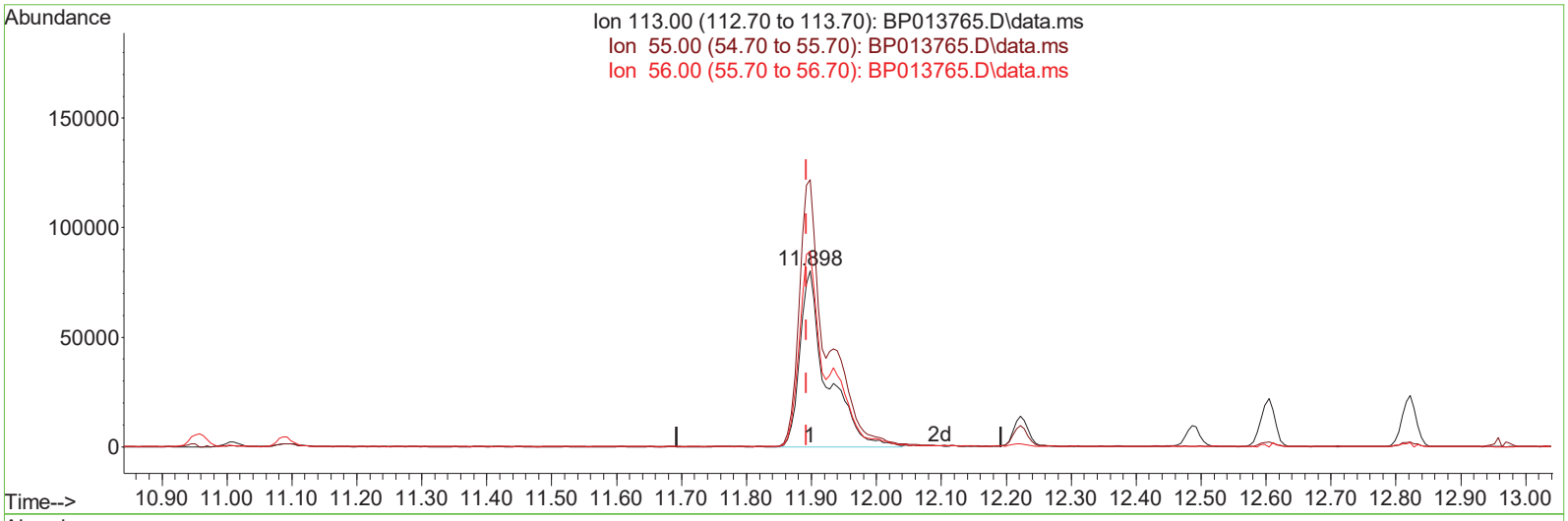

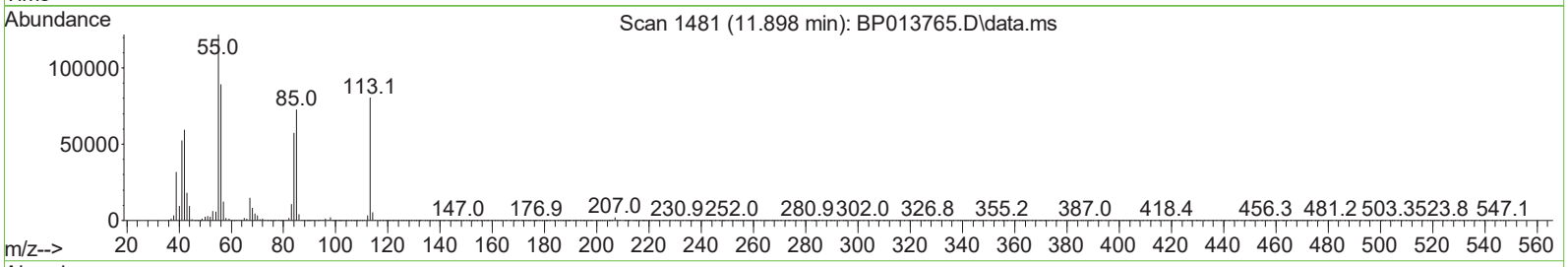

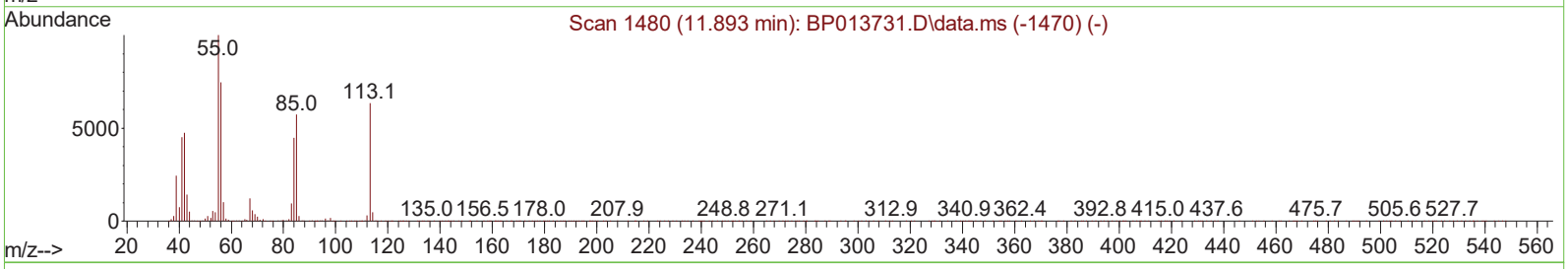

TIC: BP013765.D\data.ms

(34) Caprolactam

11.898min (+ 0.006) 39.98 ng/ul m

response 230674

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	151.59
56.00	115.20	110.84
0.00	0.00	0.00

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Supervised By :mohammad ahmed 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	230742	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1014263	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	741233	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1805108	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1975264	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2072585	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	37245	6.844	ng/uL	0.00
4) Pyridine-d5	3.905	84	530545	33.975	ng/ul	0.00
7) Phenol-d5	7.275	99	773484	38.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	437521	36.785	ng/ul	0.00
11) 2-Chlorophenol-d4	7.657	132	558967	37.601	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	602438	37.264	ng/ul	0.00
21) Nitrobenzene-d5	9.304	128	271063	41.894	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	322989	42.834	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	681310	38.638	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	787617	33.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	2068131	35.396	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	2336998	36.202	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	344299	34.960	ng/ul	0.00
60) Fluorene-d10	15.757	176	1857695	36.887	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	315589	31.198	ng/ul	0.00
73) Anthracene-d10	17.616	188	3073308	36.525	ng/ul	0.00
81) Pyrene-d10	19.833	212	3966027	36.000	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	4047886	38.259	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	77768	13.712	ng/uL	98
5) Pyridine	3.928	79	569498	36.219	ng/ul	98
6) Benzaldehyde	7.258	77	453261m	55.743	ng/ul	
8) Phenol	7.305	94	829593	39.973	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.540	93	643866	38.607	ng/ul	98
12) 2-Chlorophenol	7.687	128	608429	40.398	ng/ul	100
13) 2-Methylphenol	8.569	108	626119	39.513	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.652	45	772462	39.121	ng/ul	98
16) Acetophenone	8.957	105	1000709	39.706	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.946	70	496869	39.356	ng/ul	99
18) 4-Methylphenol	8.899	108	692594	40.245	ng/ul	100
19) Hexachloroethane	9.222	117	228639	38.784	ng/ul	95
22) Nitrobenzene	9.346	77	738061	42.234	ng/ul	98
23) Isophorone	9.875	82	1500403	37.502	ng/ul	99
25) 2-Nitrophenol	10.063	139	360824	43.248	ng/ul	95
26) 2,4-Dimethylphenol	10.110	107	732810	38.875	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.351	93	921829	38.018	ng/ul	99
29) 2,4-Dichlorophenol	10.599	162	692186	40.561	ng/ul	99
30) Naphthalene	11.010	128	2053828	38.313	ng/ul	99
32) 4-Chloroaniline	11.116	127	836329	35.682	ng/ul	97
33) Hexachlorobutadiene	11.293	225	483975	40.213	ng/ul	98
34) Caprolactam	11.898	113	230674m	39.978	ng/ul	
35) 4-Chloro-3-methylphenol	12.222	107	730330	39.957	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	12.604	142	1464922	38.391	ng/ul	98
37) 1-Methylnaphthalene	12.822	142	1500910	38.946	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	992993	40.555	ng/ul	99
40) Hexachlorocyclopentadiene	12.945	237	457638	33.243	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	646511	39.859	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	706215	39.952	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	2047982	36.492	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1654662	37.267	ng/ul	100
45) 2-Nitroaniline	13.845	65	412679	48.827	ng/ul	99
47) Dimethylphthalate	14.216	163	2169528	37.690	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	418713	51.041	ng/ul	98
50) Acenaphthylene	14.492	152	2559420	37.599	ng/ul	100
51) 3-Nitroaniline	14.669	138	397766	45.874	ng/ul	96
52) Acenaphthene	14.828	153	1767256	37.779	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	142121	22.305	ng/ul	97
55) 4-Nitrophenol	14.963	109	274510	36.565	ng/ul	99
56) Dibenzofuran	15.163	168	2577715	37.936	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	622136	48.285	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.387	232	671199	40.402	ng/ul	95
59) Diethylphthalate	15.575	149	2112814	38.233	ng/ul	100
61) Fluorene	15.810	166	2127003	38.464	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	1187380	39.413	ng/ul	98
63) 4-Nitroaniline	15.834	138	434352	53.499	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.881	198	328629	32.643	ng/ul	99
67) N-Nitrosodiphenylamine	16.016	169	1869269	38.366	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	803424	39.121	ng/ul	99
69) Hexachlorobenzene	16.816	284	951726	39.500	ng/ul	98
70) Atrazine	16.963	200	769900	39.262	ng/ul	100
71) Pentachlorophenol	17.163	266	581997	37.844	ng/ul	98
72) Phenanthrene	17.563	178	3675991	38.552	ng/ul	99
74) Anthracene	17.651	178	3720166	38.521	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	961045	37.371	ng/uL	99
76) Pentachlorobenzene	15.081	250	1009864	38.304	ng/uL	100
77) Carbazole	17.916	167	3338207	39.844	ng/ul	100
78) Di-n-butylphthalate	18.445	149	3742227	37.803	ng/ul	99
80) Fluoranthene	19.510	202	4831934	37.629	ng/ul	99
82) Pyrene	19.863	202	4949004	37.697	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1607930	42.629	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.498	252	1735465	38.683	ng/ul	99
85) Benzo(a)anthracene	21.580	228	5345668	39.365	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	2542962	39.323	ng/ul	99
87) Chrysene	21.633	228	5010404	39.190	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	4441422	40.681	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	5508814	40.716	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	5381311	41.616	ng/ul	100
93) Benzo(a)pyrene	24.051	252	4697753	40.219	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	5471415	37.808	ng/ul	100
95) Dibenzo(a,h)anthracene	26.892	278	4612609	38.447	ng/ul	100
96) Benzo(g,h,i)perylene	27.709	276	4322141	37.752	ng/ul	99

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

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