Quantitation Report (Qedit)

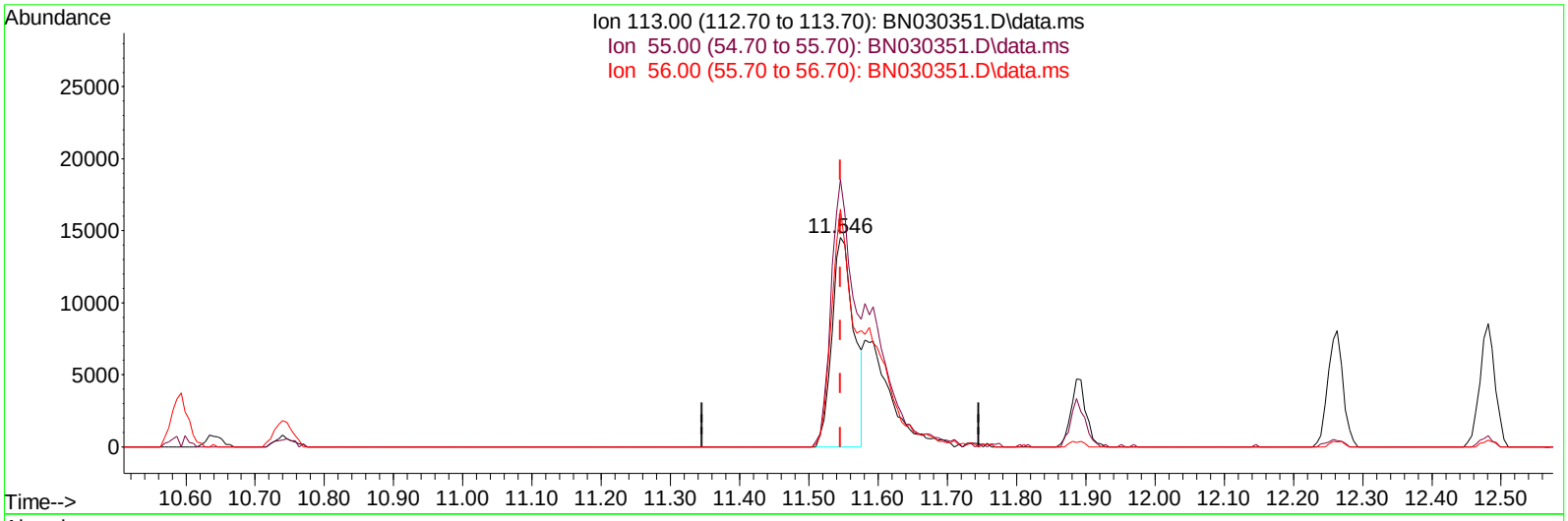
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030824\
Data File : BN030351.D
Acq On : 08 Mar 2024 11:40
Operator : MA/JU
Sample : SSTD02016
Misc :
ALS Vial : 4 Sample Multiplier: 1

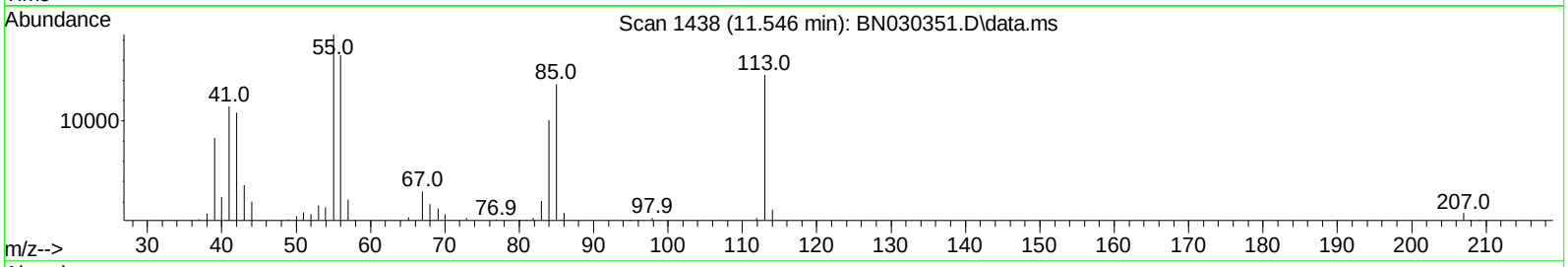
Quant Time: Mar 08 12:19:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 12:19:03 2024
Response via : Initial Calibration

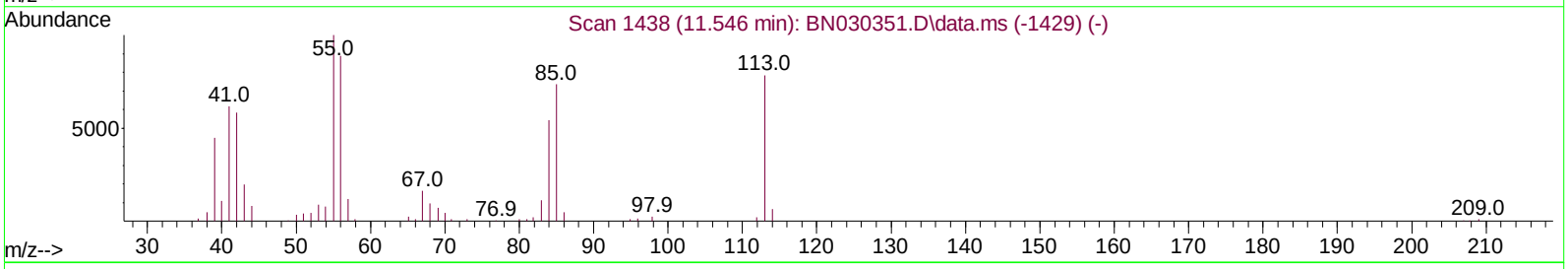
Instrument :
BNA_N
ClientSampleId :
SSTD020241

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024







TIC: BN030351.D\data.ms

(34) Caprolactam

11.546min (0.000) 12.93 ng/ul

response 31938

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	127.61
56.00	113.50	113.46
0.00	0.00	0.00

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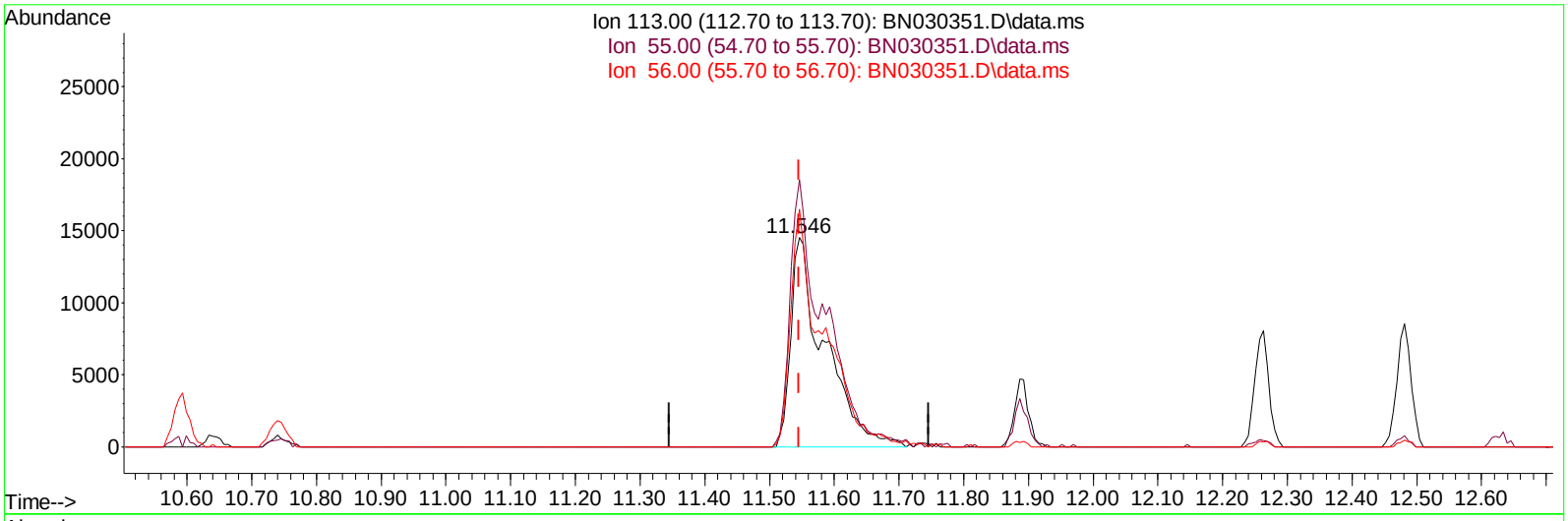

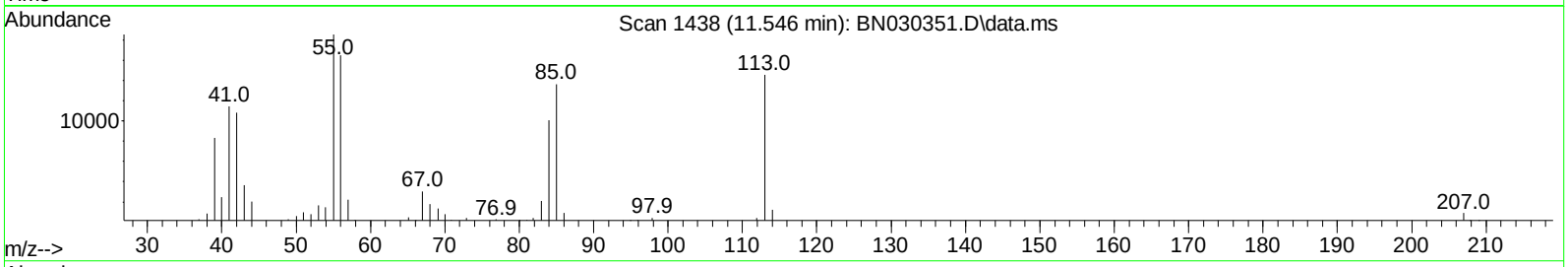

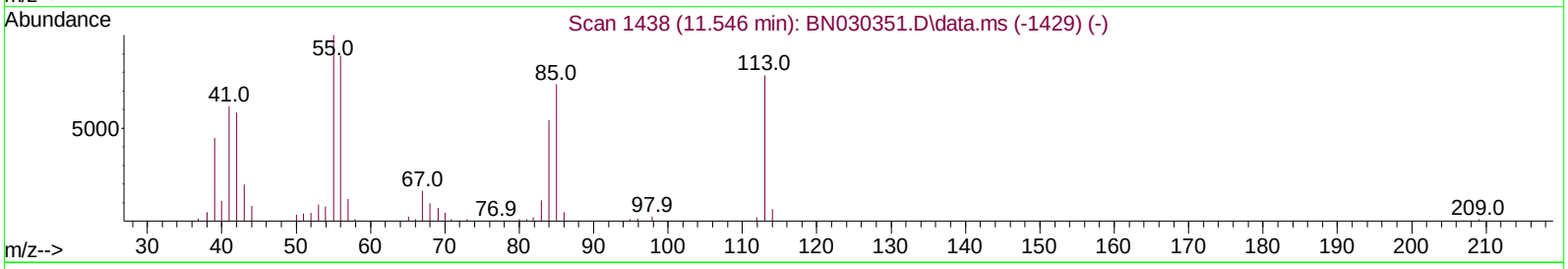

TIC: BN030351.D\data.ms

(34) Caprolactam

11.546min (0.000) 21.17 ng/ul m

response 52290

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	127.61
56.00	113.50	113.46
0.00	0.00	0.00

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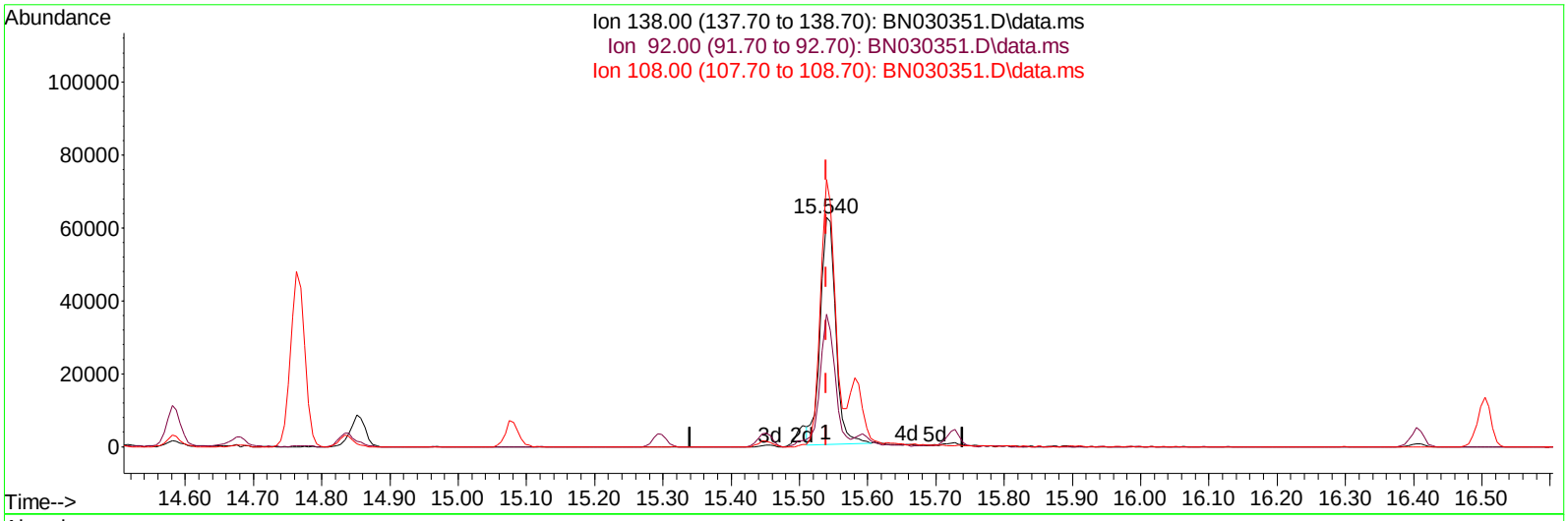

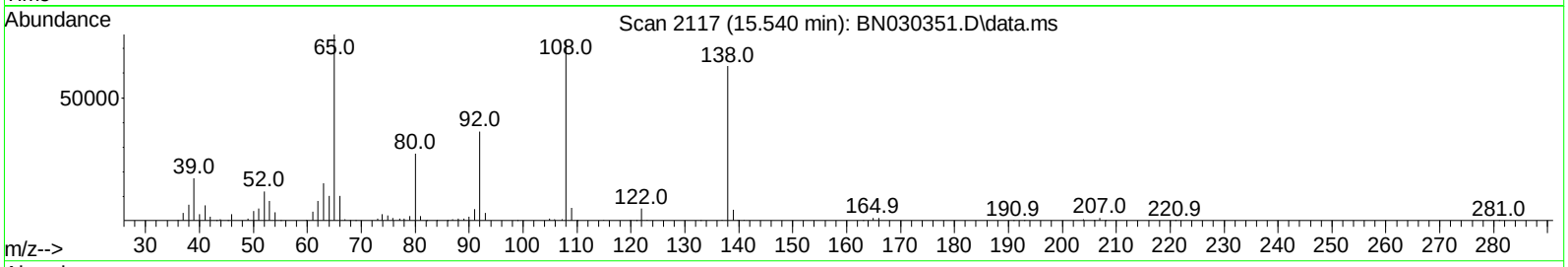

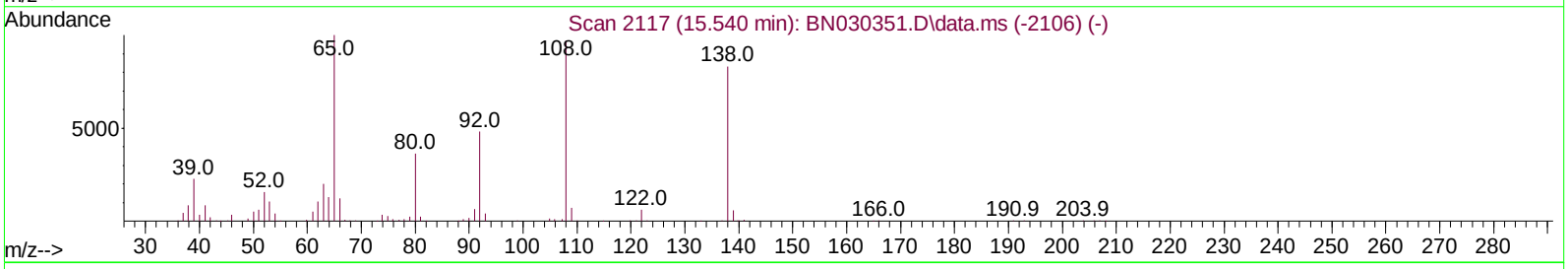

TIC: BN030351.D\data.ms

(63) 4-Nitroaniline

15.540min (0.000) 19.41 ng/ul

response 97181

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	57.79
108.00	116.50	116.50
0.00	0.00	0.00

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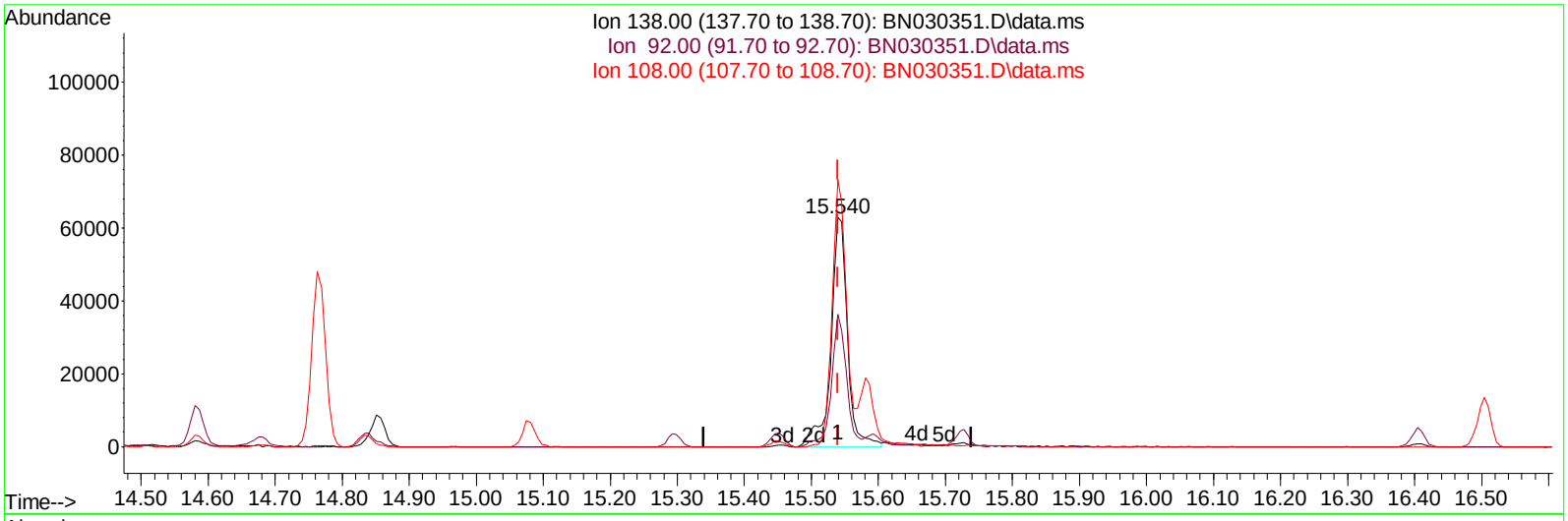

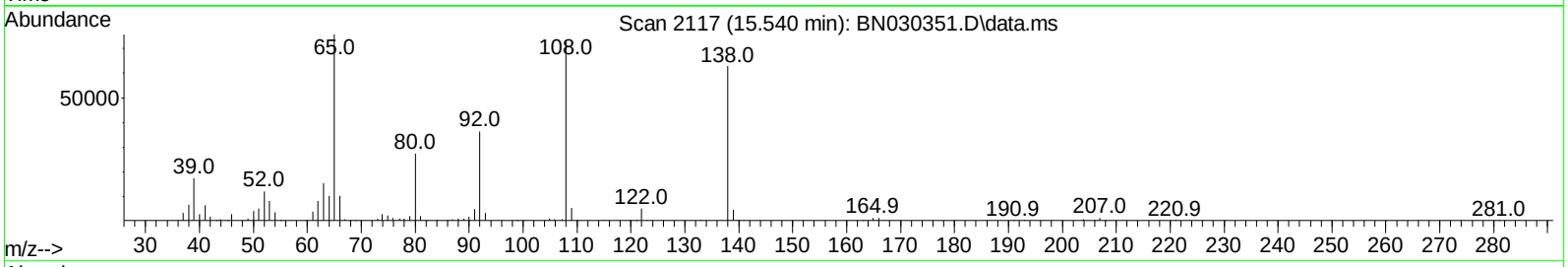

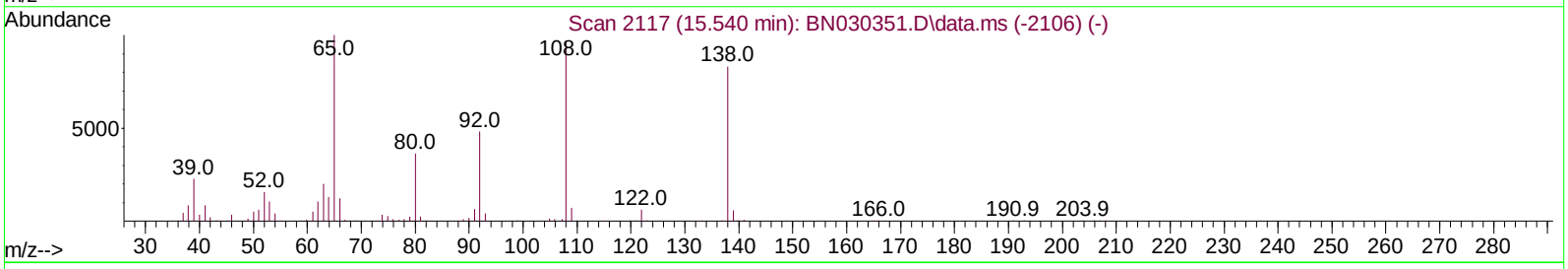

TIC: BN030351.D\data.ms

(63) 4-Nitroaniline

15.540min (0.000) 21.52 ng/ul m

response 107730

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	57.79
108.00	116.50	116.50
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	120978	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	513587	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	336510	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	694807	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	581040	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	558872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	27245	7.435	ng/uL	0.00
4) Pyridine-d5	3.681	84	160084	16.676	ng/ul	0.00
7) Phenol-d5	6.964	99	214291	18.838	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	122099	16.642	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	178533	21.346	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	170269	19.868	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	85086	20.784	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	91569	24.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	167492	23.143	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	245331	20.470	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	548485	21.199	ng/ul	0.00
49) Acenaphthylene-d8	14.146	160	609926	20.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	94520	19.299	ng/ul	0.00
60) Fluorene-d10	15.451	176	444235	20.376	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	80538	22.006	ng/ul	0.00
73) Anthracene-d10	17.310	188	698561	20.894	ng/ul	0.00
81) Pyrene-d10	19.622	212	772451	21.400	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	601289	20.852	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	26622	7.107	ng/uL	100
5) Pyridine	3.699	79	162843	16.476	ng/ul	100
6) Benzaldehyde	6.946	77	126271	24.839	ng/ul	100
8) Phenol	6.993	94	216055	18.623	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.240	93	168182	17.549	ng/ul	100
12) 2-Chlorophenol	7.358	128	184795	21.080	ng/ul	100
13) 2-Methylphenol	8.240	108	159710	18.976	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	156931	13.246	ng/ul	100
16) Acetophenone	8.628	105	284346	20.752	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.616	70	144648	20.632	ng/ul	100
18) 4-Methylphenol	8.575	108	174412	19.523	ng/ul	100
19) Hexachloroethane	8.863	117	82532	20.405	ng/ul	100
22) Nitrobenzene	9.005	77	225285	19.715	ng/ul	100
23) Isophorone	9.528	82	404277	20.223	ng/ul	100
25) 2-Nitrophenol	9.710	139	100196	23.702	ng/ul	100
26) 2,4-Dimethylphenol	9.775	107	203912	20.907	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.022	93	228202	18.343	ng/ul	100
29) 2,4-Dichlorophenol	10.240	162	168622	22.653	ng/ul	100
30) Naphthalene	10.640	128	591877	19.823	ng/ul	100
32) 4-Chloroaniline	10.763	127	241855	20.394	ng/ul	100
33) Hexachlorobutadiene	10.916	225	109585	23.535	ng/ul	100
34) Caprolactam	11.546	113	52290m	21.171	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	200771	23.303	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	402576	21.661	ng/ul	100
37) 1-Methylnaphthalene	12.481	142	397718	21.537	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	195959	19.420	ng/ul	100
40) Hexachlorocyclopentadiene	12.599	237	128224	19.192	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	131355	21.892	ng/ul	100
42) 2,4,5-Trichlorophenol	12.946	196	141346	21.187	ng/ul	100
43) 1,1'-Biphenyl	13.287	154	536373	18.736	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	415301	18.687	ng/ul	100
45) 2-Nitroaniline	13.540	65	131153	19.949	ng/ul	100
47) Dimethylphthalate	13.922	163	557176	21.014	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	108124	22.511	ng/ul	100
50) Acenaphthylene	14.169	152	698465	19.365	ng/ul	100
51) 3-Nitroaniline	14.375	138	107275	19.665	ng/ul	100
52) Acenaphthene	14.516	153	452636	18.990	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	51853	20.812	ng/ul	100
55) 4-Nitrophenol	14.681	109	107996	23.088	ng/ul	100
56) Dibenzofuran	14.851	168	620797	19.610	ng/ul	100
57) 2,4-Dinitrotoluene	14.834	165	161325	23.559	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.081	232	121613	24.648	ng/ul	100
59) Diethylphthalate	15.298	149	613377	22.249	ng/ul	100
61) Fluorene	15.504	166	529330	20.885	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	250104	21.783	ng/ul	100
63) 4-Nitroaniline	15.540	138	107730m	21.522	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	86494	21.765	ng/ul	100
67) N-Nitrosodiphenylamine	15.728	169	442001	20.066	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	151205	21.981	ng/ul	100
69) Hexachlorobenzene	16.504	284	166384	21.600	ng/ul	100
70) Atrazine	16.692	200	159993	22.392	ng/ul	100
71) Pentachlorophenol	16.857	266	103668	22.455	ng/ul	100
72) Phenanthrene	17.251	178	819750	20.022	ng/ul	100
74) Anthracene	17.345	178	846049	20.580	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	188838	18.485	ng/uL	100
76) Pentachlorobenzene	14.763	250	188080	20.100	ng/uL	100
77) Carbazole	17.622	167	747268	19.914	ng/ul	100
78) Di-n-butylphthalate	18.204	149	1095544	23.423	ng/ul	100
80) Fluoranthene	19.281	202	934379	21.277	ng/ul	100
82) Pyrene	19.651	202	966889	20.897	ng/ul	100
83) Butylbenzylphthalate	20.580	149	483991	24.521	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.357	252	260879	22.264	ng/ul	100
85) Benzo(a)anthracene	21.422	228	876857	20.178	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.369	149	737086	24.299	ng/ul	100
87) Chrysene	21.469	228	826770	20.237	ng/ul	100
89) Di-n-octyl phthalate	22.292	149	1182643	24.715	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	792210	21.642	ng/ul	100
91) Benzo(k)fluoranthene	23.122	252	807557	21.502	ng/ul	100
93) Benzo(a)pyrene	23.686	252	702996	20.324	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.204	276	777064	18.847	ng/ul	100
95) Dibenzo(a,h)anthracene	26.233	278	628775	18.765	ng/ul	100
96) Benzo(g,h,i)perylene	26.945	276	609668	17.821	ng/ul	100

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

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