Quantitation Report (Qedit)

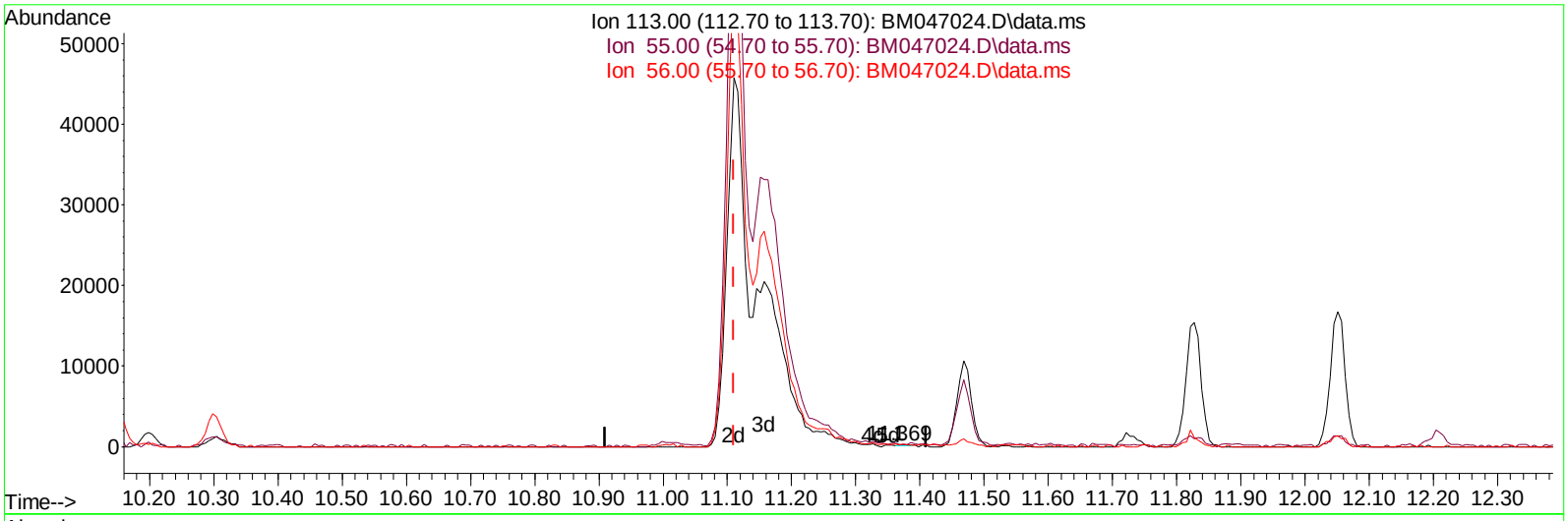
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM047024.D
Acq On : 06 Aug 2024 13:36
Operator : RC/JU
Sample : PB162449BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

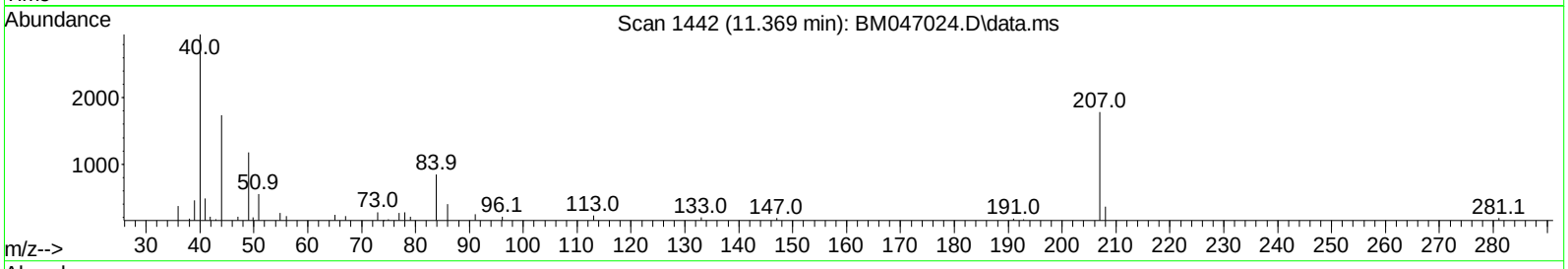
Quant Time: Aug 06 14:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:53:02 2024
Response via : Initial Calibration

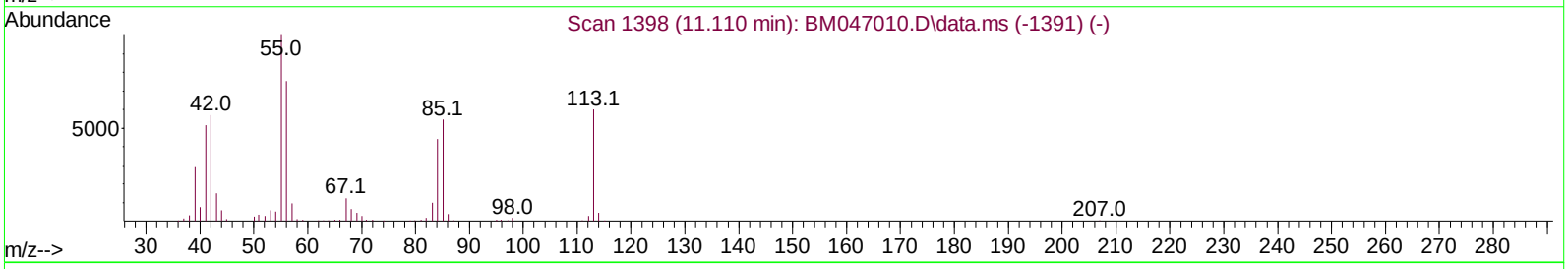
Instrument :
BNA_M
ClientSampleId :
SLCS449

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/07/2024







TIC: BM047024.D\data.ms

(34) Caprolactam

11.369min (+ 0.259) 0.03 ng/ul

response 92

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	118.78
56.00	118.20	98.69
0.00	0.00	0.00

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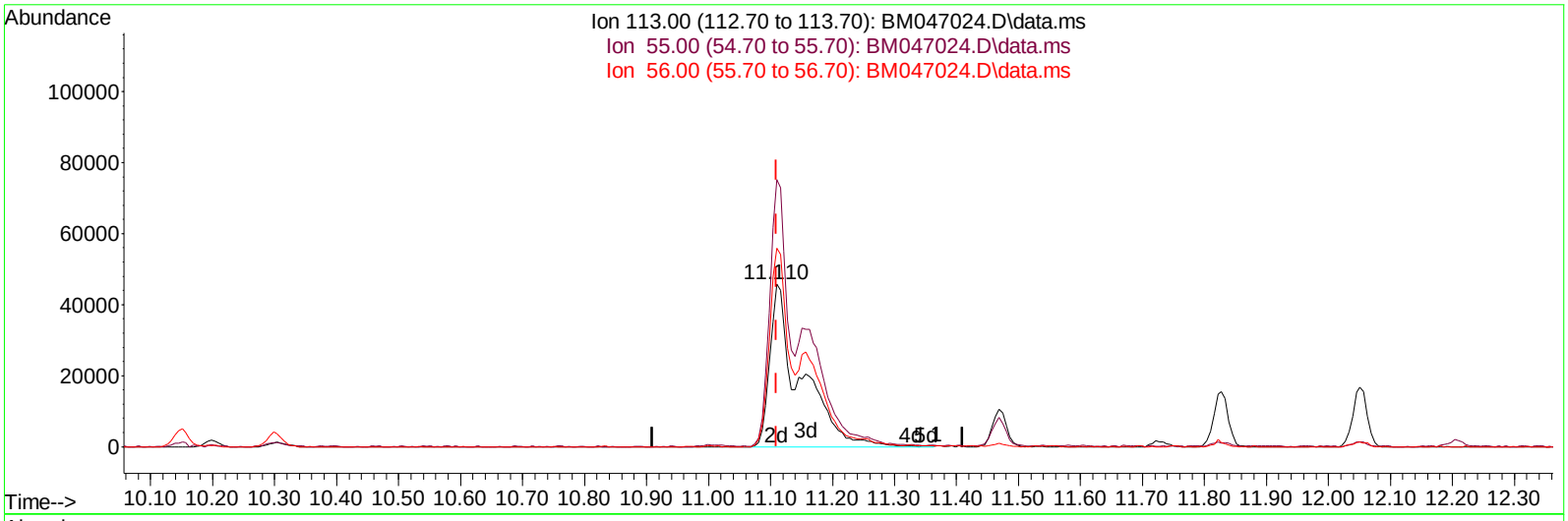

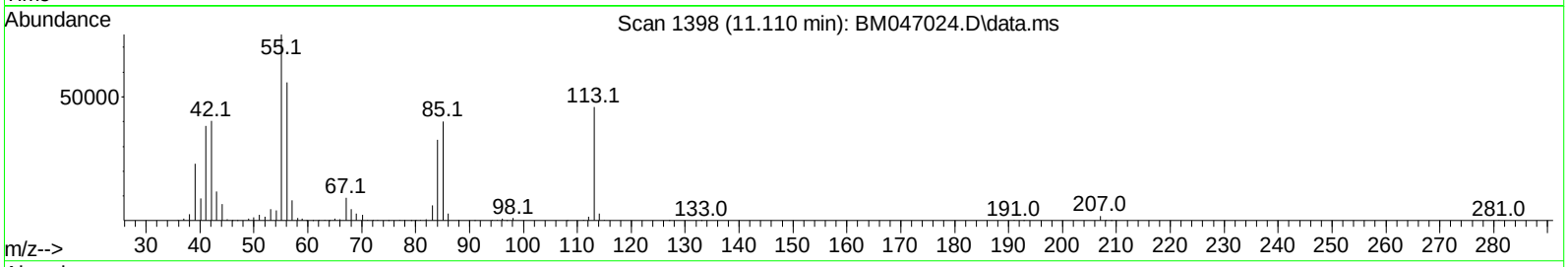

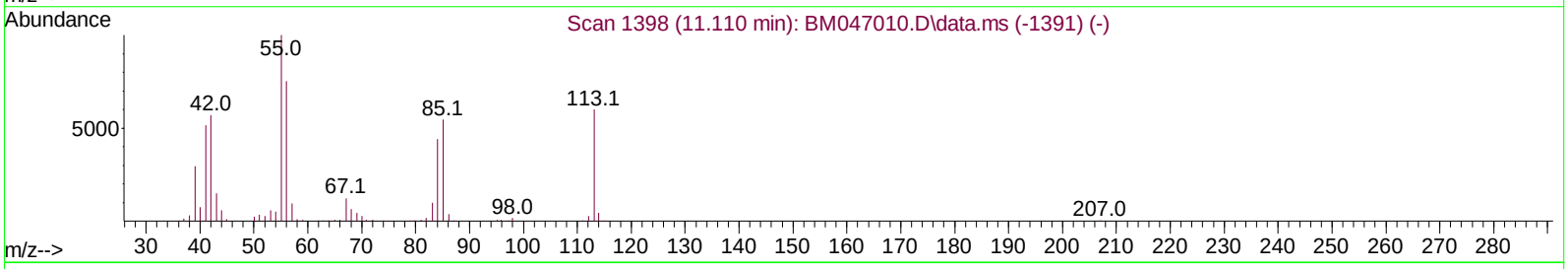

TIC: BM047024.D\data.ms

(34) Caprolactam

11.110min (-0.000) 43.36 ng/ul m

response 158830

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	164.03#
56.00	118.20	121.97
0.00	0.00	0.00

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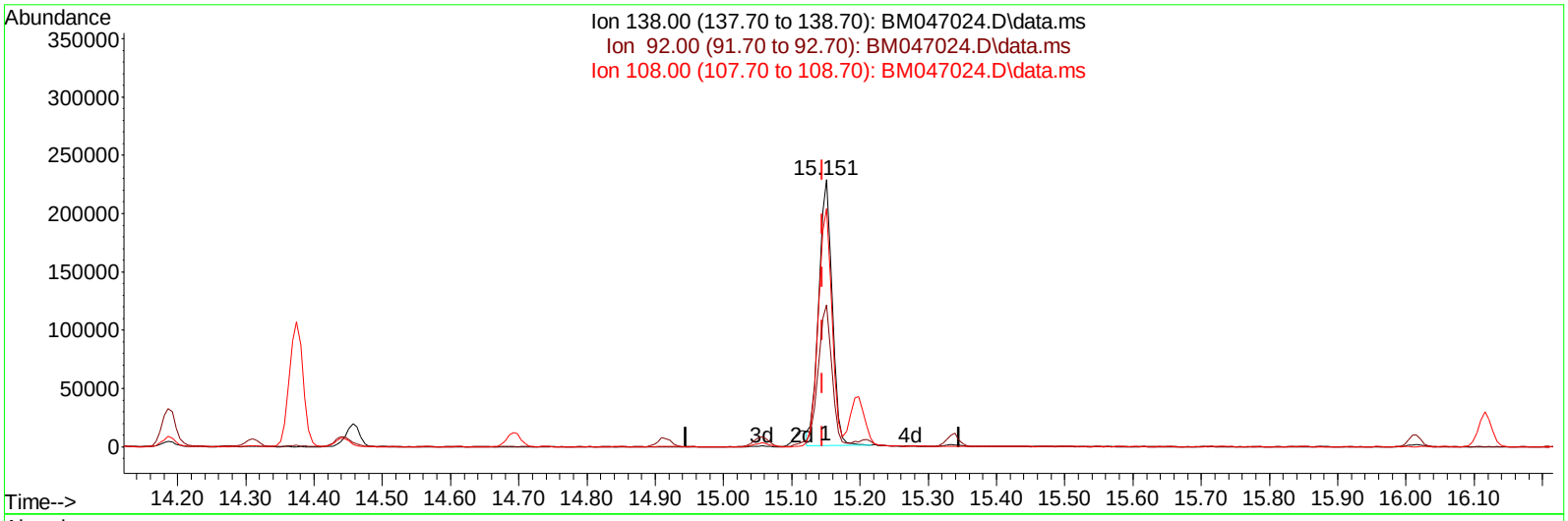

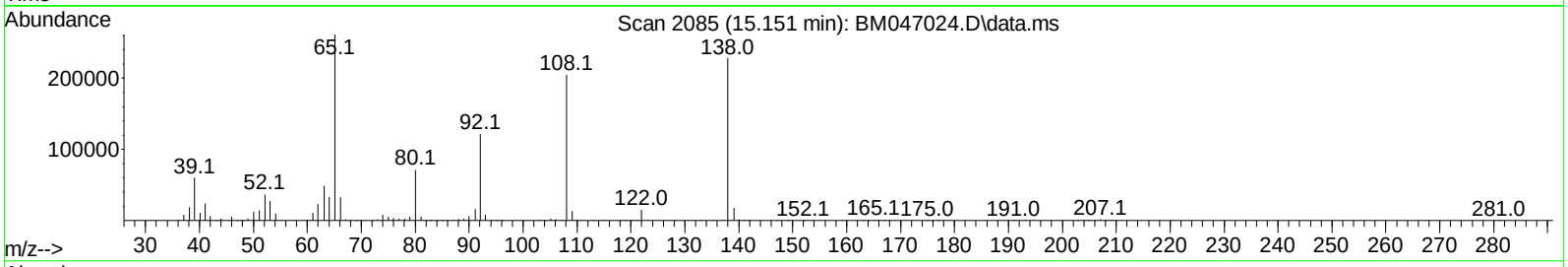

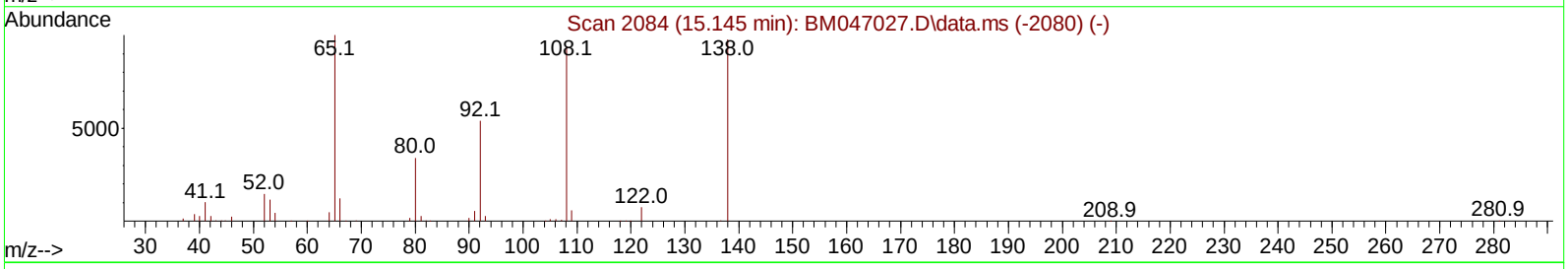

TIC: BM047024.D\data.ms

(63) 4-Nitroaniline

15.151min (+ 0.006) 41.85 ng/ul

response 315076

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.09
108.00	109.10	89.29
0.00	0.00	0.00

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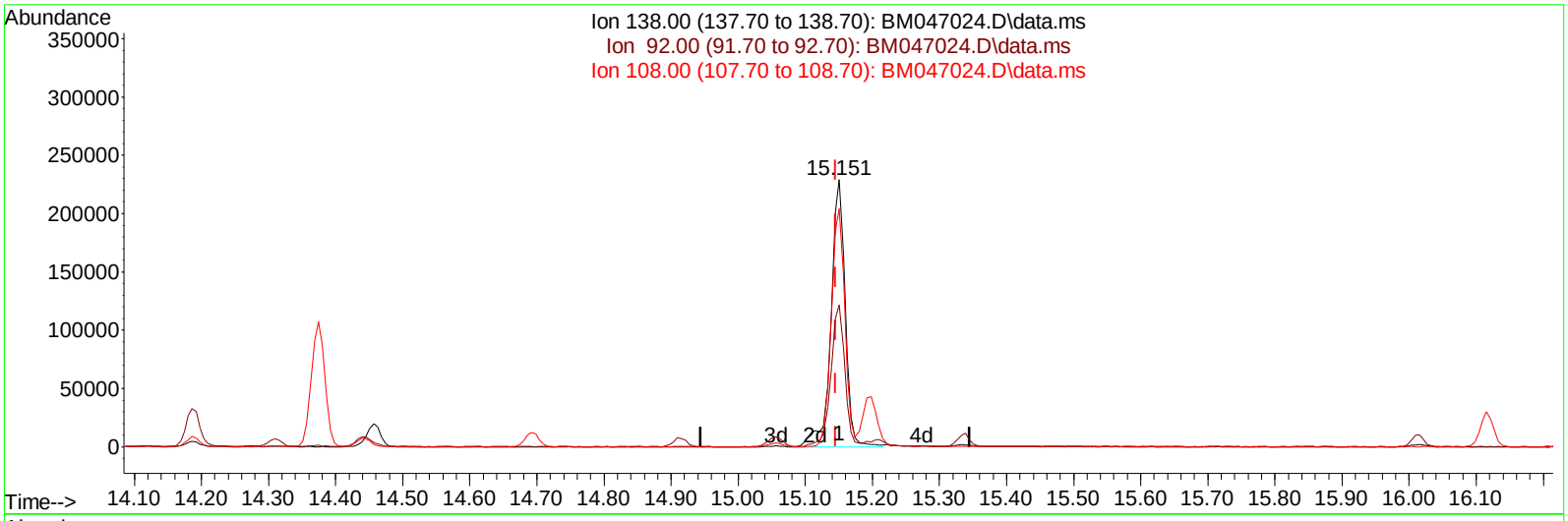

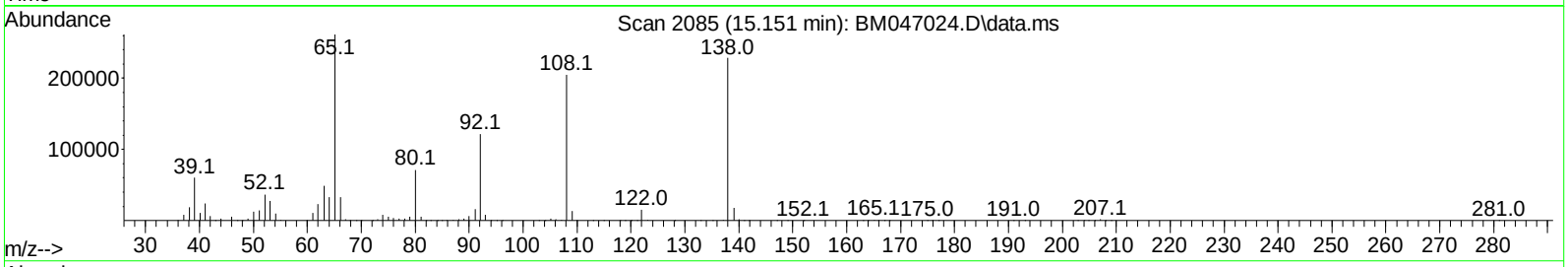

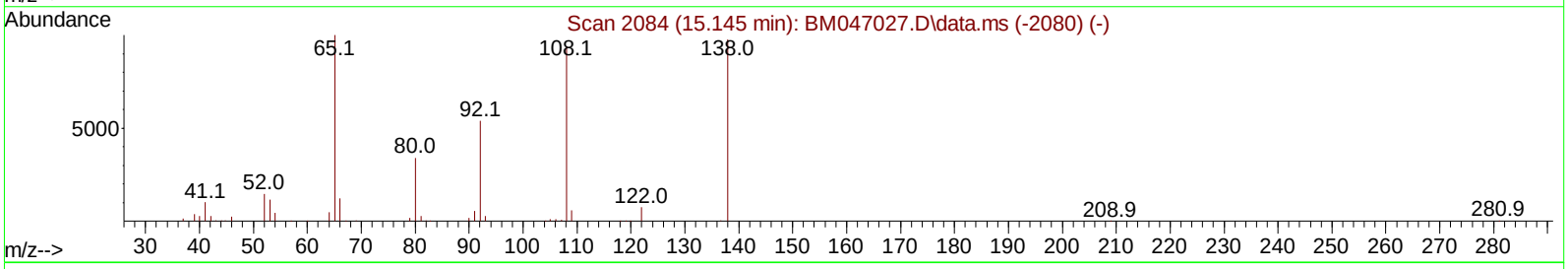

TIC: BM047024.D\data.ms

(63) 4-Nitroaniline

15.151min (+ 0.006) 45.03 ng/ul m

response 339067

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.09
108.00	109.10	89.29
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	173835	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	720905	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	501565	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.810	188	1094181	20.000	ng/ul	0.00
79) Chrysene-d12	21.050	240	956894	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1110766	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	31470	7.172	ng/uL	0.00
4) Pyridine-d5	3.404	84	399264	33.359	ng/ul	0.00
7) Phenol-d5	6.598	99	533241	40.381	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	338690	38.980	ng/ul	0.00
11) 2-Chlorophenol-d4	6.934	132	423828	37.889	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	421715	40.313	ng/ul	0.00
21) Nitrobenzene-d5	8.539	128	216347	37.399	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	247992	39.256	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.786	165	470199	38.766	ng/ul	0.00
31) 4-Chloroaniline-d4	10.298	131	558028	35.007	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	1445168	37.683	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	1616041	37.751	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	292325	39.423	ng/ul	0.00
60) Fluorene-d10	15.057	176	1225116	37.344	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	260813	37.728	ng/ul	0.00
73) Anthracene-d10	16.909	188	1868962	36.031	ng/ul	0.00
81) Pyrene-d10	19.227	212	2225441	40.627	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	2304871	39.407	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	57337	11.743	ng/uL	99
5) Pyridine	3.422	79	411103	34.695	ng/ul	96
6) Benzaldehyde	6.557	77	278672	36.740	ng/ul	99
8) Phenol	6.628	94	545091	40.988	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.840	93	450817	39.771	ng/ul	94
12) 2-Chlorophenol	6.969	128	445475	39.309	ng/ul	98
13) 2-Methylphenol	7.851	108	407268	40.202	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	7.922	45	588429	43.321	ng/ul	99
16) Acetophenone	8.210	105	647209	39.308	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.204	70	346563	39.914	ng/ul	98
18) 4-Methylphenol	8.181	108	443917	40.556	ng/ul	98
19) Hexachloroethane	8.445	117	199639	36.164	ng/ul	93
22) Nitrobenzene	8.581	77	563564	36.464	ng/ul	95
23) Isophorone	9.110	82	1026342	38.810	ng/ul	99
25) 2-Nitrophenol	9.281	139	268164	38.804	ng/ul	95
26) 2,4-Dimethylphenol	9.363	107	367230	26.959	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.592	93	633515	38.860	ng/ul	99
29) 2,4-Dichlorophenol	9.816	162	456877	37.768	ng/ul	98
30) Naphthalene	10.198	128	1403985	36.783	ng/ul	100
32) 4-Chloroaniline	10.322	127	521484	33.688	ng/ul	100
33) Hexachlorobutadiene	10.486	225	286603	32.839	ng/ul	99
34) Caprolactam	11.110	113	158830m	43.357	ng/ul	
35) 4-Chloro-3-methylphenol	11.469	107	500287	40.107	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	11.827	142	1012450	37.988	ng/ul	99
37) 1-Methylnaphthalene	12.051	142	1017551	37.715	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.210	216	549790	34.952	ng/ul	99
40) Hexachlorocyclopentadiene	12.186	237	258168	24.915	ng/ul	98
41) 2,4,6-Trichlorophenol	12.463	196	344925	33.501	ng/ul	99
42) 2,4,5-Trichlorophenol	12.539	196	399190	35.910	ng/ul	97
43) 1,1'-Biphenyl	12.874	154	1355879	36.134	ng/ul	99
44) 2-Chloronaphthalene	12.910	162	1086403	36.459	ng/ul	98
45) 2-Nitroaniline	13.127	65	362965	40.083	ng/ul	99
47) Dimethylphthalate	13.527	163	1465205	38.075	ng/ul	100
48) 2,6-Dinitrotoluene	13.645	165	311142	41.592	ng/ul	87
50) Acenaphthylene	13.769	152	1733278	38.338	ng/ul	99
51) 3-Nitroaniline	13.974	138	322703	42.357	ng/ul	98
52) Acenaphthene	14.116	153	1180360	36.215	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	185914	35.222	ng/ul	95
55) 4-Nitrophenol	14.310	109	253738	33.811	ng/ul	86
56) Dibenzofuran	14.457	168	1661909	36.331	ng/ul	96
57) 2,4-Dinitrotoluene	14.439	165	458398	40.098	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.692	232	302058	30.565	ng/ul	97
59) Diethylphthalate	14.916	149	1563328	37.764	ng/ul	99
61) Fluorene	15.115	166	1399811	37.101	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.115	204	663692	35.733	ng/ul	97
63) 4-Nitroaniline	15.151	138	339067m	45.035	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.210	198	283250	37.446	ng/ul	98
67) N-Nitrosodiphenylamine	15.339	169	1217461	37.539	ng/ul	99
68) 4-Bromophenyl-phenylether	16.015	248	446773	37.724	ng/ul	95
69) Hexachlorobenzene	16.115	284	523856	37.564	ng/ul	98
70) Atrazine	16.304	200	40879	3.213	ng/ul	99
71) Pentachlorophenol	16.468	266	261991	27.749	ng/ul	98
72) Phenanthrene	16.857	178	2318151	37.794	ng/ul	100
74) Anthracene	16.945	178	2223243	35.943	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.827	216	554939	35.250	ng/uL	97
76) Pentachlorobenzene	14.374	250	560036	34.367	ng/uL	99
77) Carbazole	17.227	167	2203981	38.435	ng/ul	99
78) Di-n-butylphthalate	17.815	149	2847076	39.044	ng/ul	98
80) Fluoranthene	18.886	202	2755530	42.092	ng/ul	99
82) Pyrene	19.256	202	2863769	41.055	ng/ul	99
83) Butylbenzylphthalate	20.198	149	1333509	43.739	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.974	252	912697	38.908	ng/ul	100
85) Benzo(a)anthracene	21.033	228	2761370	39.513	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.997	149	1922430	43.193	ng/ul	99
87) Chrysene	21.092	228	2604696	39.078	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	3375776	43.080	ng/ul	100
90) Benzo(b)fluoranthene	22.915	252	2803516	40.803	ng/ul	100
91) Benzo(k)fluoranthene	22.974	252	2818896	41.516	ng/ul	100
93) Benzo(a)pyrene	23.638	252	2504400	39.125	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.774	276	3231514	39.403	ng/ul	100
95) Dibenzo(a,h)anthracene	26.826	278	2603782	39.526	ng/ul	100
96) Benzo(g,h,i)perylene	27.709	276	2600738	40.136	ng/ul	98

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

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