Quantitation Report (Qedit)

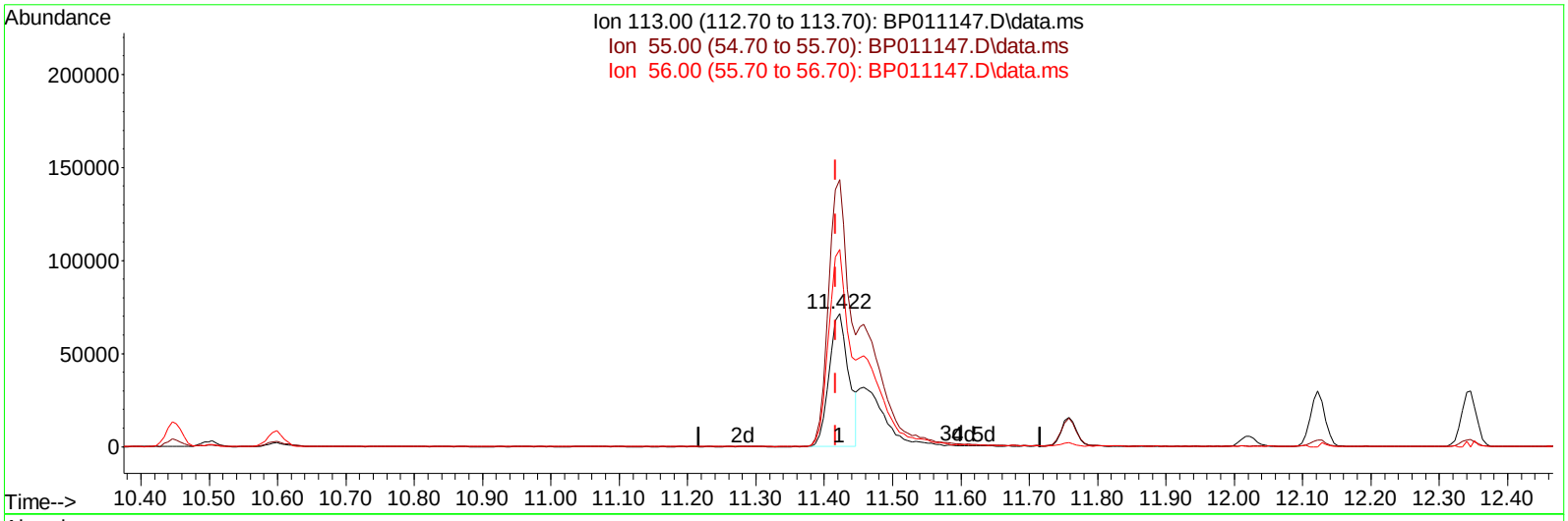
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072722\
Data File : BP011147.D
Acq On : 28 Jul 2022 01:45
Operator : CG/JU
Sample : PB146457BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

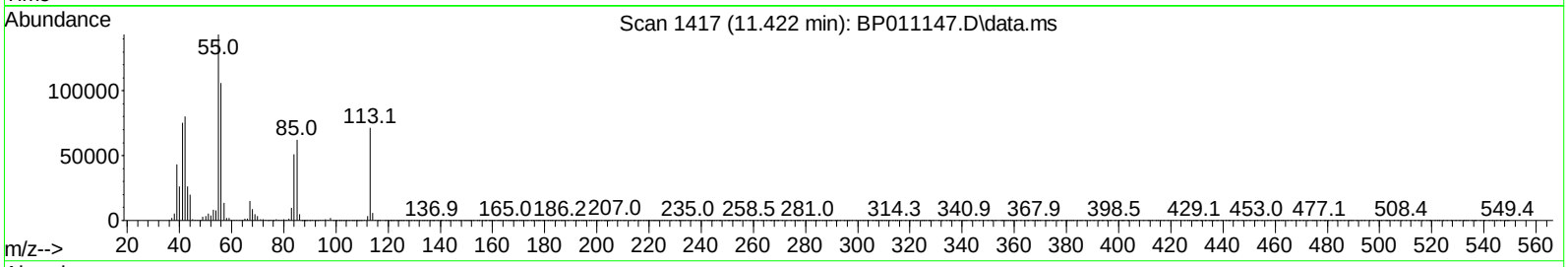
Quant Time: Jul 28 02:37:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 00:46:32 2022
Response via : Initial Calibration

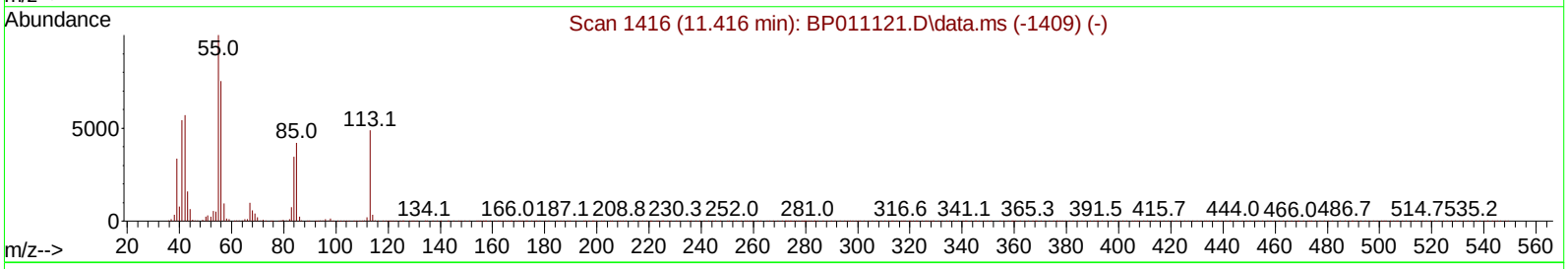
Instrument :
BNA_P
ClientSampleId :
SLCS457

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022







TIC: BP011147.D\data.ms

(34) Caprolactam

11.422min (+ 0.006) 19.46 ng/ul

response 143007

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	200.09
56.00	137.80	147.68
0.00	0.00	0.00

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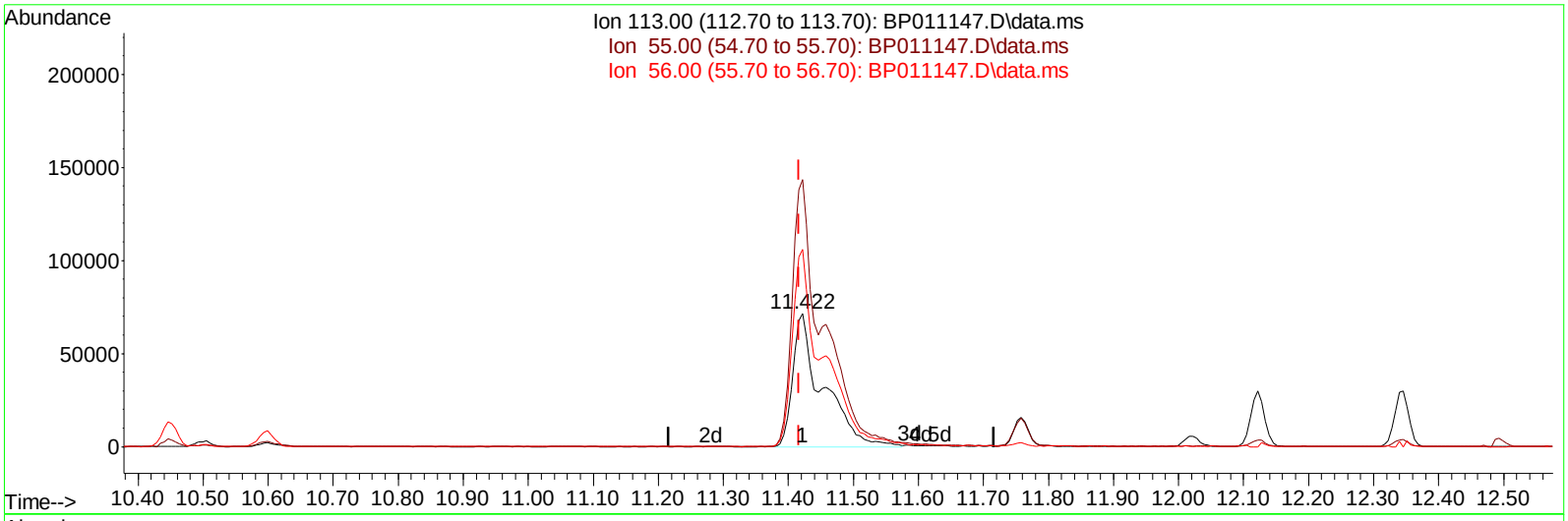

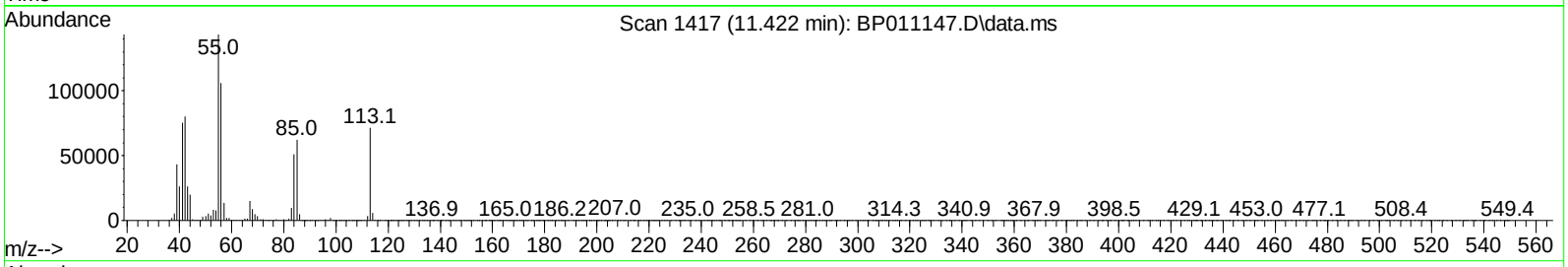

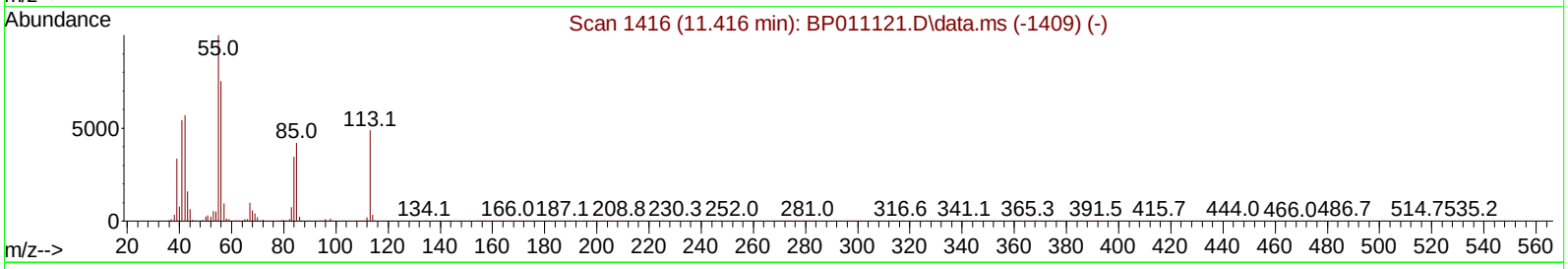

TIC: BP011147.D\data.ms

(34) Caprolactam

11.422min (+ 0.006) 31.31 ng/ul m

response 230158

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	200.09
56.00	137.80	147.68
0.00	0.00	0.00

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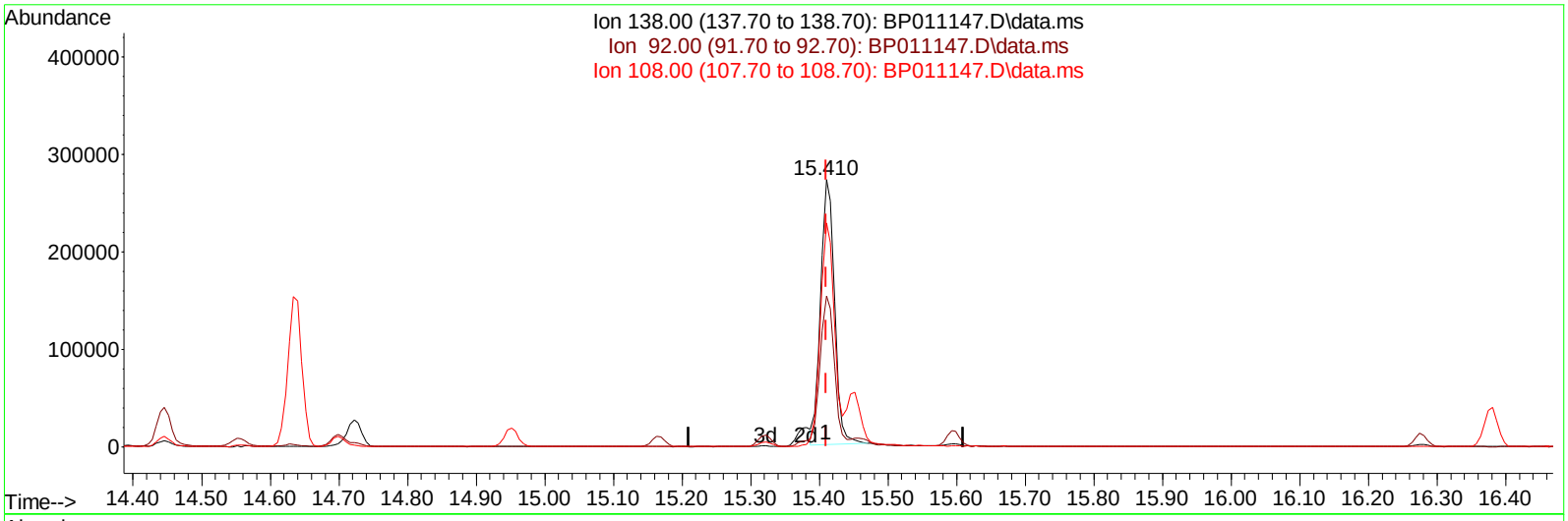

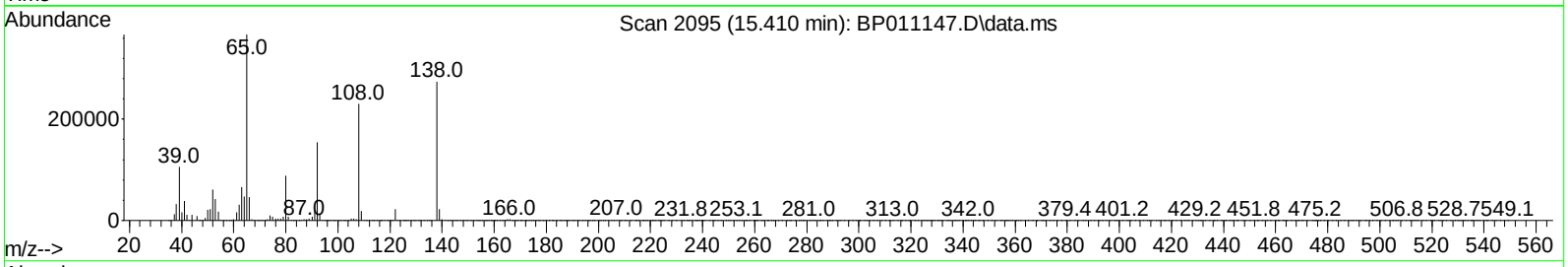

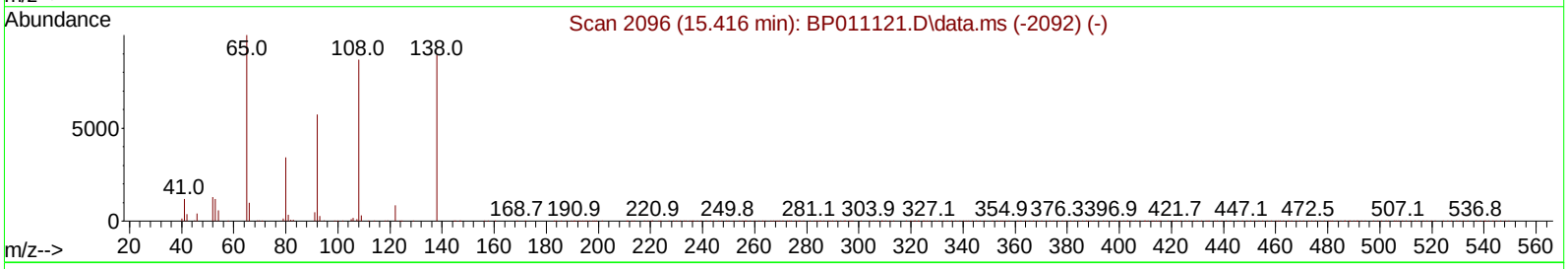

TIC: BP011147.D\data.ms

(63) 4-Nitroaniline

15.410min (0.000) 36.01 ng/ul

response 380971

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	56.49
108.00	107.30	83.85#
0.00	0.00	0.00

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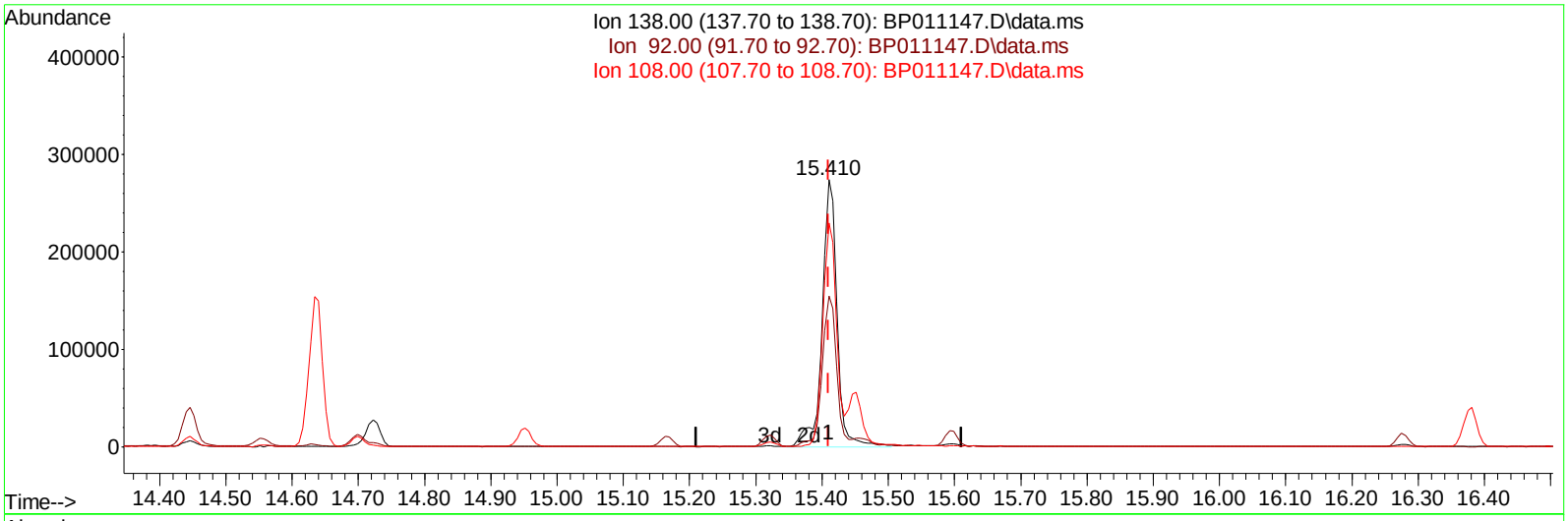

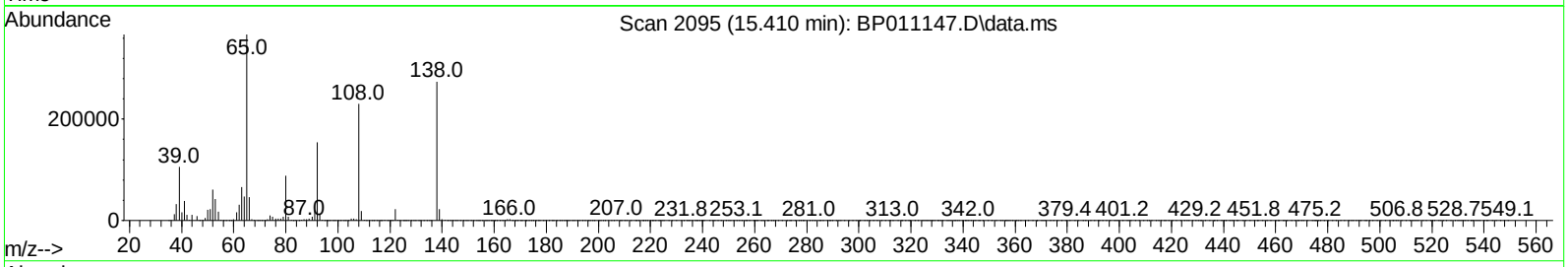

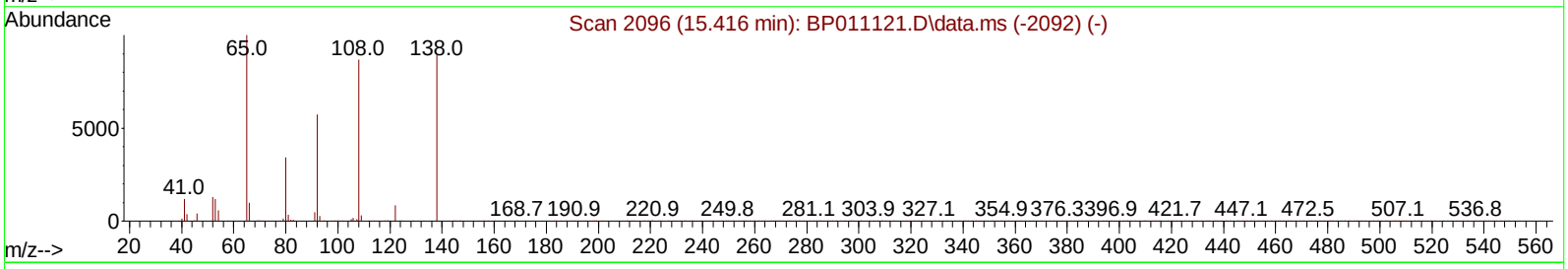

TIC: BP011147.D\data.ms

(63) 4-Nitroaniline

15.410min (0.000) 40.49 ng/ul m

response 428369

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	56.49
108.00	107.30	83.85#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.658	152	383241	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	1536499	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.322	164	767442	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1398994	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.204	240	1311464	20.000	ng/ul	# 0.00
88) Perylene-d12	23.539	264	1437352	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	58815	5.533	ng/uL	0.00
4) Pyridine-d5	3.570	84	805363	29.310	ng/ul	0.00
7) Phenol-d5	6.840	99	1071014	34.045	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	757907	37.466	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	878787	34.571	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	818956	32.518	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	418959	37.416	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	409484	36.958	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	699970	34.545	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	1011575	30.283	ng/ul	0.00
46) Dimethylphthalate-d6	13.746	166	1824635	34.787	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	2376315	38.398	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	341622	32.181	ng/ul	0.00
60) Fluorene-d10	15.322	176	1518185	34.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	251111	36.274	ng/ul	0.00
73) Anthracene-d10	17.187	188	2164377	36.392	ng/ul	0.00
81) Pyrene-d10	19.439	212	2443867	35.481	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.392	264	2629431	38.088	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	122627	10.994	ng/uL#	87
5) Pyridine	3.587	79	855835	30.224	ng/ul#	79
6) Benzaldehyde	6.811	77	806495	52.779	ng/ul	97
8) Phenol	6.864	94	1153465	34.494	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.093	93	962218	36.257	ng/ul	97
12) 2-Chlorophenol	7.222	128	934388	35.561	ng/ul	99
13) 2-Methylphenol	8.111	108	840203	33.976	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	1615513	44.506	ng/ul	97
16) Acetophenone	8.487	105	1330957	34.910	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.481	70	714439	37.348	ng/ul	98
18) 4-Methylphenol	8.440	108	885900	33.553	ng/ul	96
19) Hexachloroethane	8.728	117	421495	40.535	ng/ul#	77
22) Nitrobenzene	8.864	77	1086898	41.276	ng/ul	97
23) Isophorone	9.393	82	1899204	38.537	ng/ul	97
25) 2-Nitrophenol	9.569	139	462998	37.228	ng/ul#	90
26) 2,4-Dimethylphenol	9.640	107	906352	34.462	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.881	93	1195992	36.671	ng/ul	99
29) 2,4-Dichlorophenol	10.105	162	729662	34.791	ng/ul	98
30) Naphthalene	10.499	128	2782776	35.541	ng/ul	100
32) 4-Chloroaniline	10.622	127	1044135	31.601	ng/ul	98
33) Hexachlorobutadiene	10.781	225	450065	36.866	ng/ul	96
34) Caprolactam	11.422	113	230158m	31.314	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	804164	33.929	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	12.122	142	1738891	34.257	ng/ul	97
37) 1-Methylnaphthalene	12.346	142	1731137	34.024	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	760085	37.552	ng/ul#	97
40) Hexachlorocyclopentadiene	12.469	237	469456	37.447	ng/ul	95
41) 2,4,6-Trichlorophenol	12.740	196	482961	36.232	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	519109	36.440	ng/ul	98
43) 1,1'-Biphenyl	13.146	154	2152101	37.583	ng/ul#	96
44) 2-Chloronaphthalene	13.187	162	1600562	37.213	ng/ul	96
45) 2-Nitroaniline	13.404	65	533462	42.571	ng/ul	92
47) Dimethylphthalate	13.793	163	1895203	35.808	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	373784	39.009	ng/ul	96
50) Acenaphthylene	14.040	152	2587584	37.262	ng/ul	99
51) 3-Nitroaniline	14.240	138	410427	35.652	ng/ul	97
52) Acenaphthene	14.387	153	1674858	36.407	ng/ul	98
53) 2,4-Dinitrophenol	14.446	184	175409	31.290	ng/ul	97
55) 4-Nitrophenol	14.557	109	298310	36.704	ng/ul#	79
56) Dibenzofuran	14.722	168	2254167	35.511	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	541024	39.584	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	382573	34.293	ng/ul#	80
59) Diethylphthalate	15.169	149	1959908	36.059	ng/ul	97
61) Fluorene	15.375	166	1776415	34.871	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	801157	34.161	ng/ul	91
63) 4-Nitroaniline	15.410	138	428369m	40.488	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	265020	37.317	ng/ul	91
67) N-Nitrosodiphenylamine	15.598	169	1518290	37.992	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	475293	37.669	ng/ul	90
69) Hexachlorobenzene	16.381	284	538864	36.798	ng/ul#	89
70) Atrazine	16.563	200	499698	36.146	ng/ul	96
71) Pentachlorophenol	16.734	266	317944	35.254	ng/ul	98
72) Phenanthrene	17.128	178	2736996	37.552	ng/ul	98
74) Anthracene	17.222	178	2695809	37.182	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	755525	37.724	ng/uL	99
76) Pentachlorobenzene	14.640	250	669780	38.151	ng/uL	98
77) Carbazole	17.504	167	2547100	37.536	ng/ul	99
78) Di-n-butylphthalate	18.069	149	3209823	37.842	ng/ul	99
80) Fluoranthene	19.116	202	3079653	38.229	ng/ul#	86
82) Pyrene	19.469	202	3144512	37.833	ng/ul#	80
83) Butylbenzylphthalate	20.363	149	1425693	38.451	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.133	252	999921	43.060	ng/ul#	98
85) Benzo(a)anthracene	21.192	228	3032110	37.963	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.128	149	2147783	38.823	ng/ul#	95
87) Chrysene	21.245	228	2984474	38.056	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	3745868	38.859	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	3465735	39.050	ng/ul#	95
91) Benzo(k)fluoranthene	22.880	252	3135525	37.612	ng/ul#	94
93) Benzo(a)pyrene	23.439	252	3319274	38.944	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.963	276	3982619	40.208	ng/ul#	86
95) Dibenzo(a,h)anthracene	25.980	278	3426280	39.975	ng/ul#	91
96) Benzo(g,h,i)perylene	26.704	276	3429142	40.648	ng/ul#	85

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

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