Quantitation Report (Qedit)

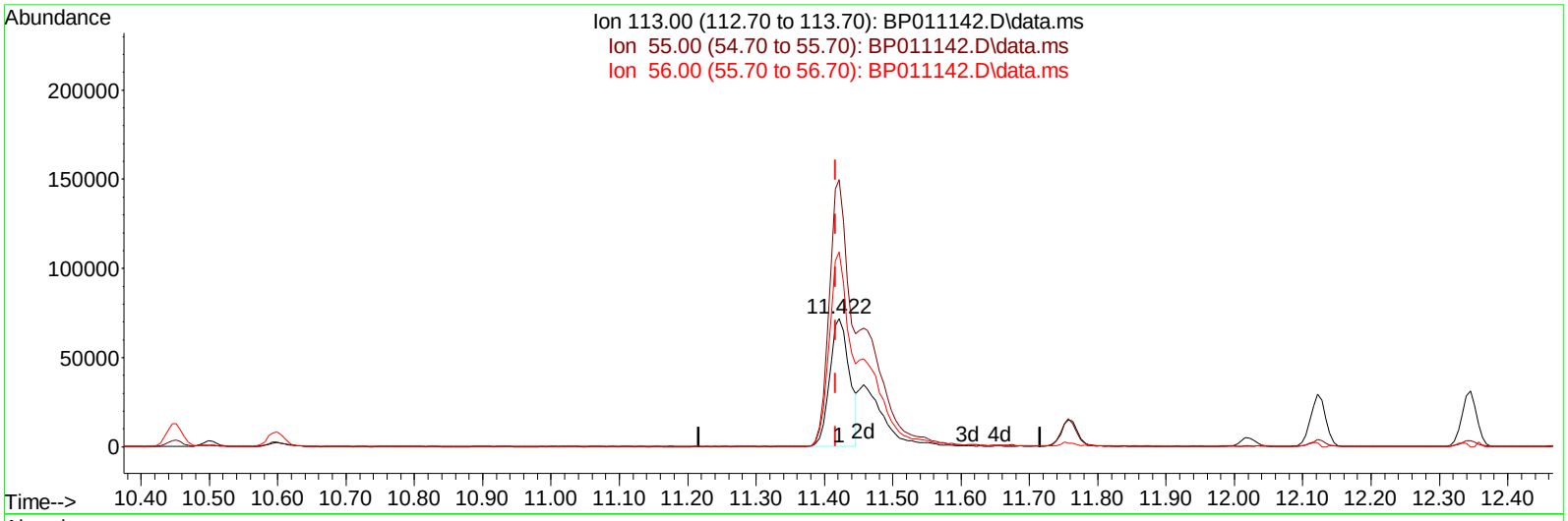
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072722\
Data File : BP011142.D
Acq On : 27 Jul 2022 22:53
Operator : CG/JU
Sample : PB146443BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

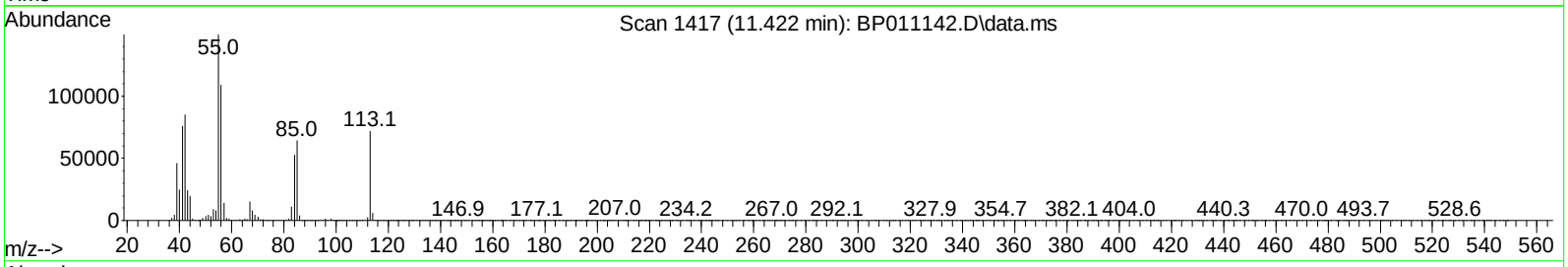
Quant Time: Jul 28 01:07:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 00:46:32 2022
Response via : Initial Calibration

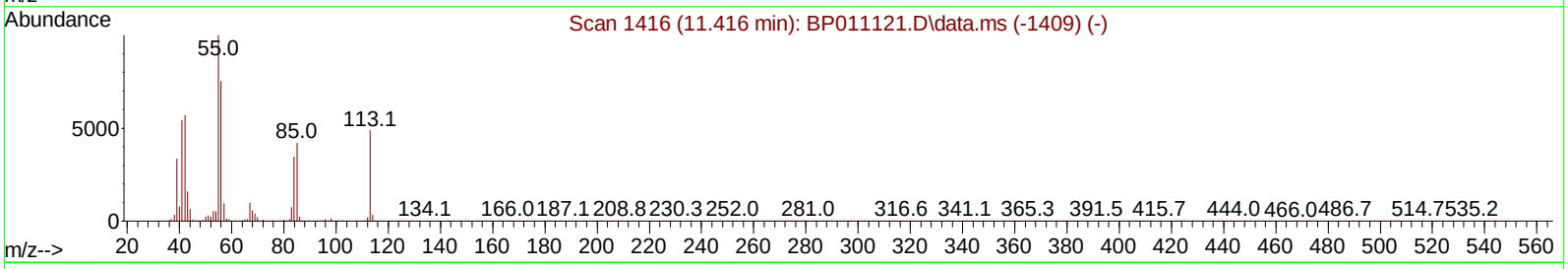
Instrument :
BNA_P
ClientSampleId :
SLCS443

Manual IntegrationsAPPROVED

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







TIC: BP011142.D\data.ms

(34) Caprolactam

11.422min (+ 0.006) 20.18 ng/ul

response 144847

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	208.21
56.00	137.80	152.05
0.00	0.00	0.00

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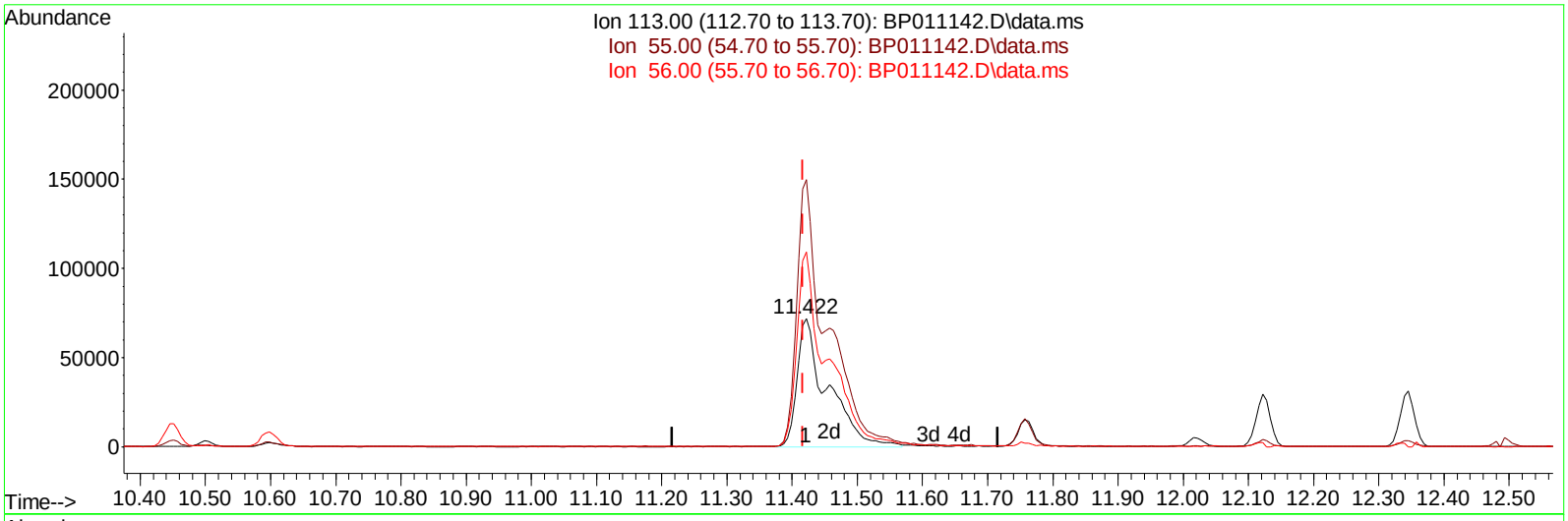

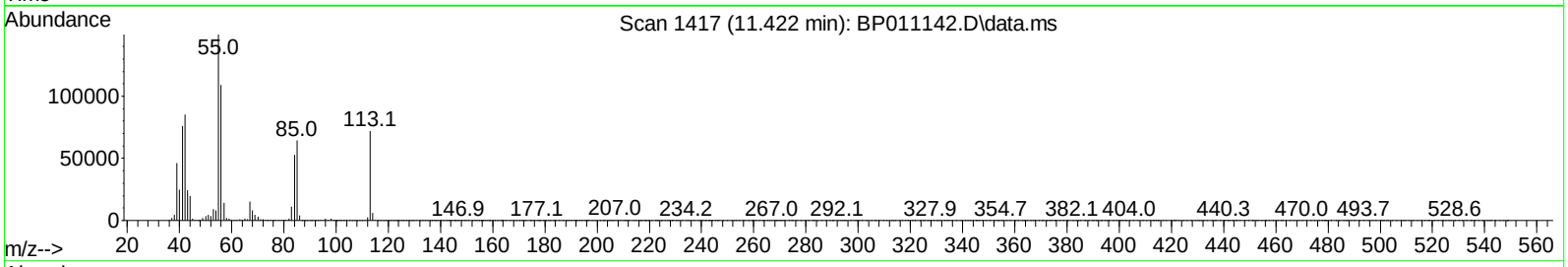

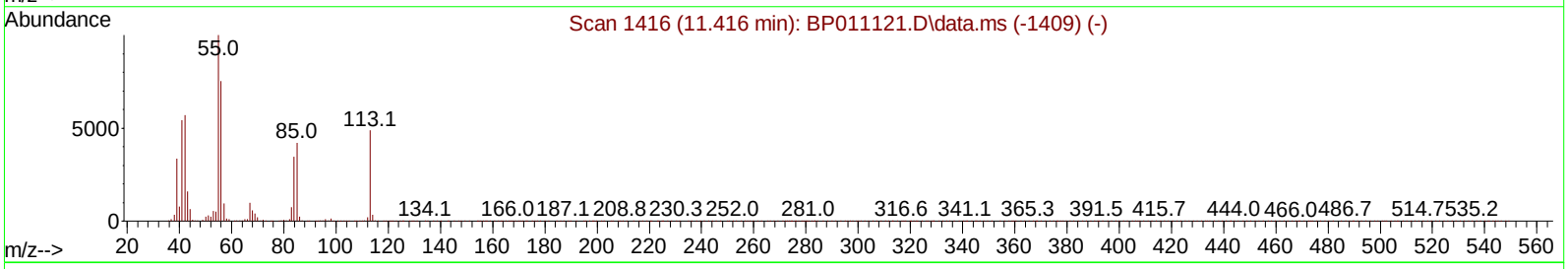

TIC: BP011142.D\data.ms

(34) Caprolactam

11.422min (+ 0.006) 32.57 ng/ul m

response 233721

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	208.21
56.00	137.80	152.05
0.00	0.00	0.00

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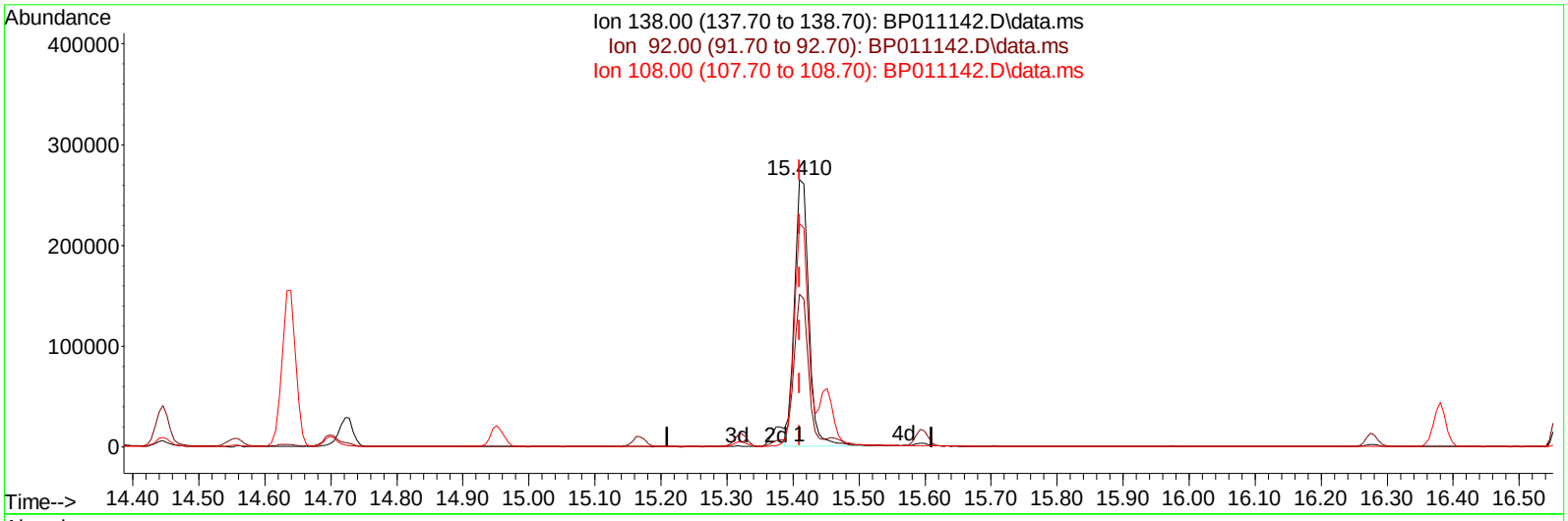

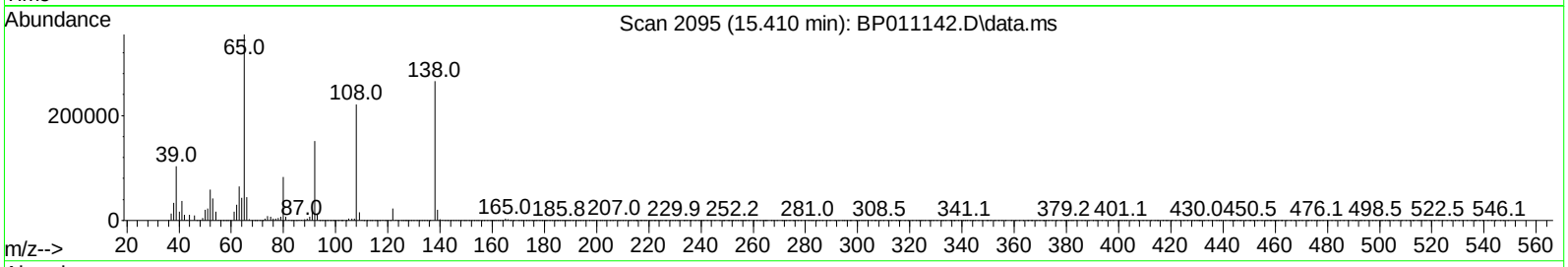

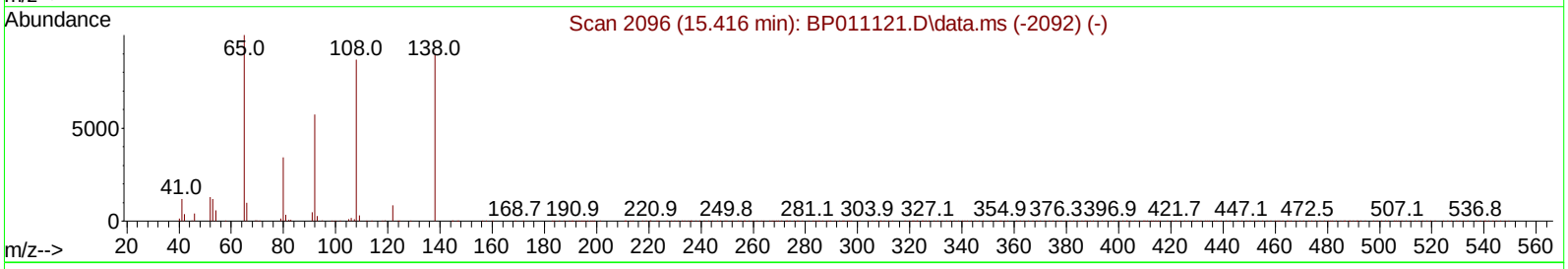

TIC: BP011142.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 37.54 ng/ul

response 397810

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	57.17
108.00	107.30	83.53#
0.00	0.00	0.00

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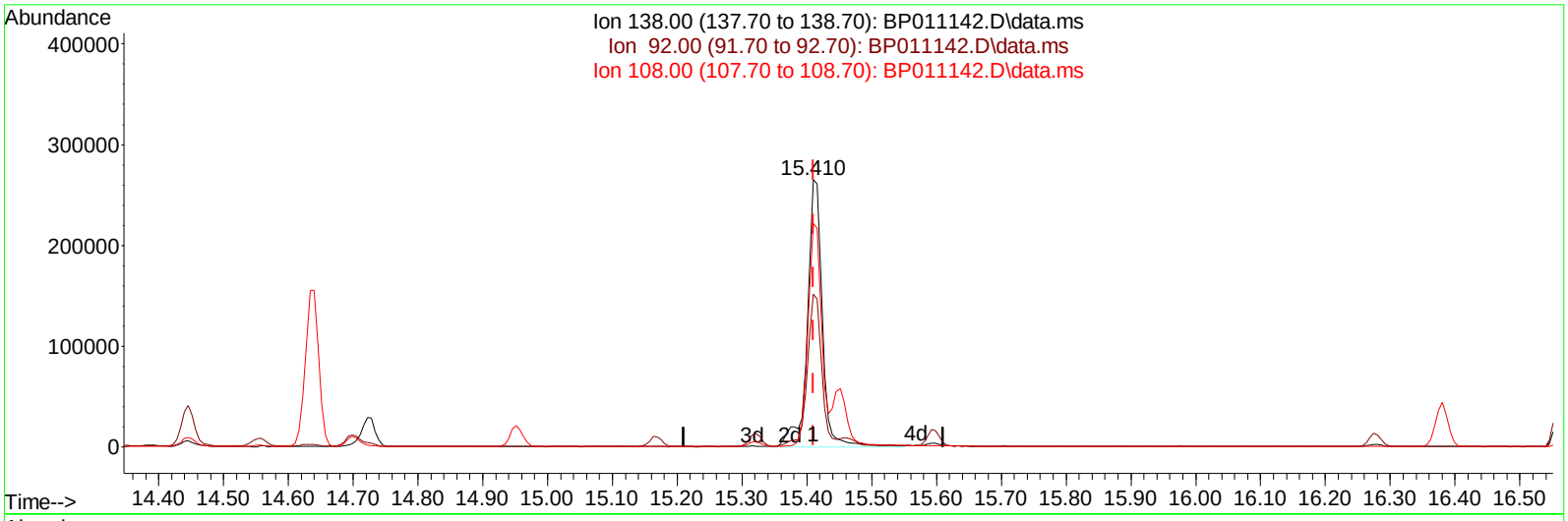

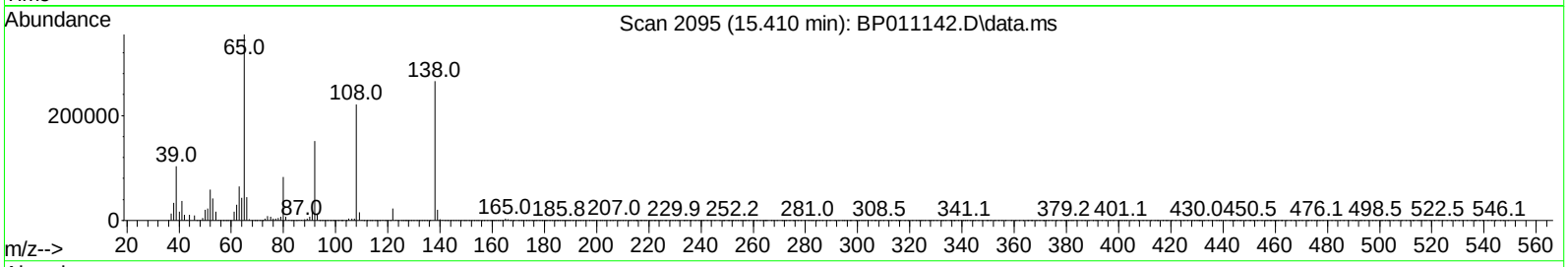

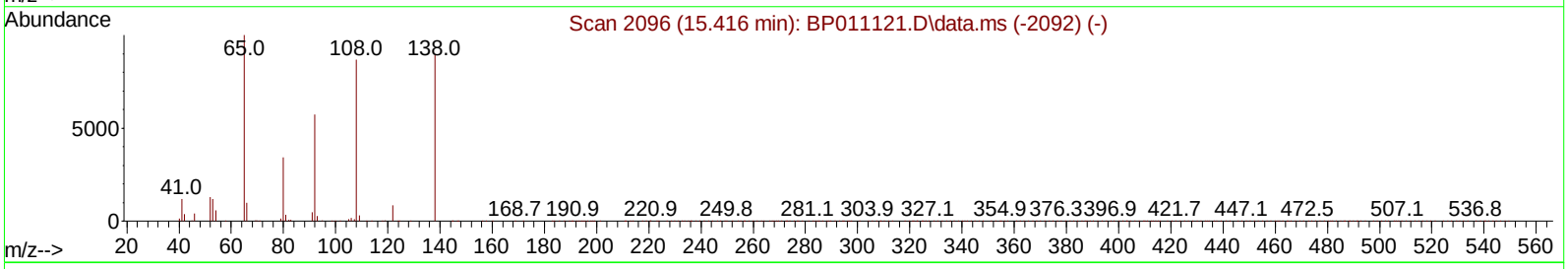

TIC: BP011142.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 40.88 ng/ul m

response 433287

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	57.17
108.00	107.30	83.53#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	362839	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	1500291	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.322	164	768720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1384623	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.204	240	1259892	20.000	ng/ul	# 0.00
88) Perylene-d12	23.539	264	1388136	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	58335	5.796	ng/uL	0.00
4) Pyridine-d5	3.569	84	830245	31.915	ng/ul	0.00
7) Phenol-d5	6.840	99	1095815	36.792	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	768639	40.133	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	893159	37.112	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	844081	35.400	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	431239	39.442	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	424059	39.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	721660	36.475	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	1063671	32.611	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	1910040	36.355	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	2490274	40.172	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	350737	32.985	ng/ul	0.00
60) Fluorene-d10	15.322	176	1590314	35.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	256706	37.467	ng/ul	0.00
73) Anthracene-d10	17.186	188	2223048	37.766	ng/ul	0.00
81) Pyrene-d10	19.439	212	2464529	37.246	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.392	264	2613824	39.205	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	122662	11.616	ng/uL#	90
5) Pyridine	3.587	79	877101	32.716	ng/ul#	78
6) Benzaldehyde	6.810	77	803679	55.552	ng/ul	98
8) Phenol	6.863	94	1158450	36.591	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.099	93	957783	38.119	ng/ul	96
12) 2-Chlorophenol	7.222	128	925234	37.192	ng/ul	97
13) 2-Methylphenol	8.110	108	848300	36.233	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.199	45	1618566	47.098	ng/ul	96
16) Acetophenone	8.487	105	1350396	37.412	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.481	70	730199	40.318	ng/ul	98
18) 4-Methylphenol	8.440	108	905395	36.219	ng/ul	97
19) Hexachloroethane	8.728	117	419350	42.596	ng/ul#	74
22) Nitrobenzene	8.863	77	1086594	42.260	ng/ul	96
23) Isophorone	9.393	82	1947747	40.476	ng/ul	97
25) 2-Nitrophenol	9.569	139	471824	38.853	ng/ul	91
26) 2,4-Dimethylphenol	9.640	107	939619	36.589	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.881	93	1220262	38.318	ng/ul	99
29) 2,4-Dichlorophenol	10.104	162	738784	36.077	ng/ul	99
30) Naphthalene	10.499	128	2807733	36.725	ng/ul	100
32) 4-Chloroaniline	10.622	127	1074661	33.310	ng/ul	99
33) Hexachlorobutadiene	10.781	225	456665	38.310	ng/ul	97
34) Caprolactam	11.422	113	233721m	32.566	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	827576	35.759	ng/ul	99

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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	1773038	35.773	ng/ul	97
37) 1-Methylnaphthalene	12.345	142	1770412	35.636	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	773941	38.173	ng/ul#	97
40) Hexachlorocyclopentadiene	12.469	237	489031	38.944	ng/ul	96
41) 2,4,6-Trichlorophenol	12.745	196	503292	37.695	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	522863	36.642	ng/ul	100
43) 1,1'-Biphenyl	13.151	154	2194283	38.256	ng/ul#	96
44) 2-Chloronaphthalene	13.187	162	1636660	37.989	ng/ul	96
45) 2-Nitroaniline	13.404	65	547884	43.649	ng/ul	93
47) Dimethylphthalate	13.792	163	1932773	36.458	ng/ul	98
48) 2,6-Dinitrotoluene	13.910	165	379877	39.579	ng/ul	97
50) Acenaphthylene	14.040	152	2652147	38.129	ng/ul	98
51) 3-Nitroaniline	14.239	138	424631	36.824	ng/ul	96
52) Acenaphthene	14.387	153	1722670	37.384	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	177524	31.615	ng/ul	97
55) 4-Nitrophenol	14.557	109	295026	36.239	ng/ul#	76
56) Dibenzofuran	14.722	168	2325347	36.572	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	538563	39.338	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.951	232	392437	35.119	ng/ul#	81
59) Diethylphthalate	15.169	149	1994988	36.643	ng/ul	98
61) Fluorene	15.375	166	1813601	35.542	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	824007	35.077	ng/ul	92
63) 4-Nitroaniline	15.410	138	433287m	40.885	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	267232	38.019	ng/ul	91
67) N-Nitrosodiphenylamine	15.598	169	1539295	38.918	ng/ul	97
68) 4-Bromophenyl-phenylether	16.281	248	481000	38.517	ng/ul	93
69) Hexachlorobenzene	16.381	284	543938	37.530	ng/ul#	88
70) Atrazine	16.569	200	510812	37.333	ng/ul	98
71) Pentachlorophenol	16.733	266	316274	35.433	ng/ul	98
72) Phenanthrene	17.128	178	2737175	37.944	ng/ul	98
74) Anthracene	17.222	178	2717424	37.869	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	773499	39.023	ng/uL	98
76) Pentachlorobenzene	14.639	250	693453	39.909	ng/uL	99
77) Carbazole	17.498	167	2539193	37.808	ng/ul	98
78) Di-n-butylphthalate	18.069	149	3247420	38.682	ng/ul	99
80) Fluoranthene	19.116	202	3049354	39.402	ng/ul#	85
82) Pyrene	19.469	202	3103621	38.870	ng/ul#	80
83) Butylbenzylphthalate	20.363	149	1411637	39.630	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.133	252	985206	44.162	ng/ul#	98
85) Benzo(a)anthracene	21.192	228	2933615	38.234	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.133	149	2102965	39.568	ng/ul#	97
87) Chrysene	21.245	228	2870841	38.105	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	3673798	39.462	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	3337467	38.938	ng/ul#	95
91) Benzo(k)fluoranthene	22.880	252	3023109	37.550	ng/ul#	94
93) Benzo(a)pyrene	23.439	252	3221106	39.132	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.957	276	3847531	40.221	ng/ul#	88
95) Dibenzo(a,h)anthracene	25.980	278	3289492	39.740	ng/ul#	91
96) Benzo(g,h,i)perylene	26.698	276	3312251	40.655	ng/ul#	84

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

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