Quantitation Report (Qedit)

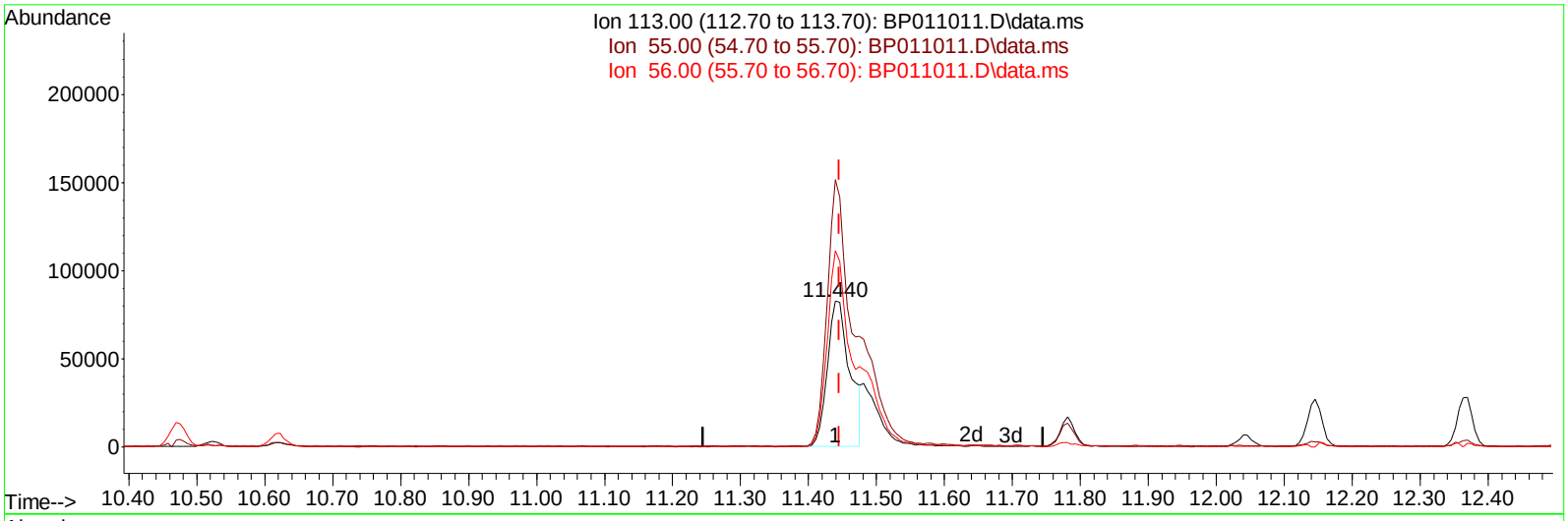
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
Data File : BP011011.D
Acq On : 19 Jul 2022 01:36
Operator : CG/JU
Sample : PB146294BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

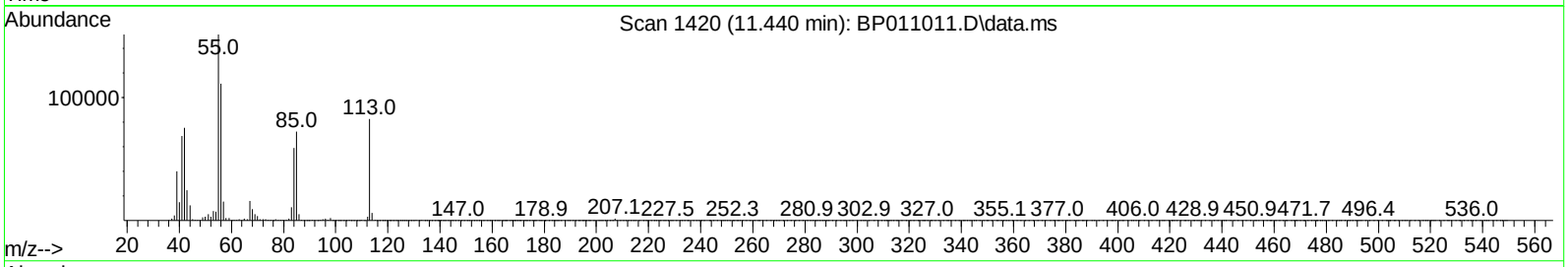
Quant Time: Jul 19 02:10:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 15:34:34 2022
Response via : Initial Calibration

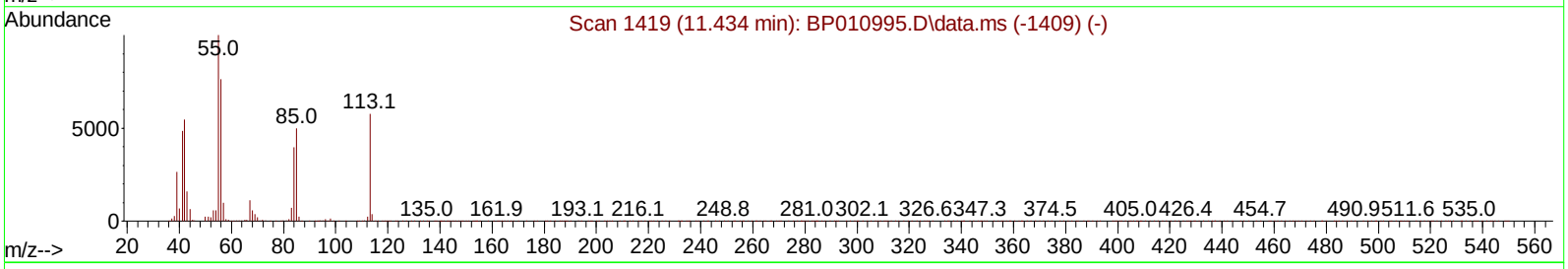
Instrument :
BNA_P
ClientSampleId :
SLCS294

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/19/2022
Supervised By :mohammad ahmed 07/20/2022







TIC: BP011011.D\data.ms

(34) Caprolactam

11.440min (-0.006) 20.80 ng/ul

response 191269

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	183.38
56.00	137.80	134.81
0.00	0.00	0.00

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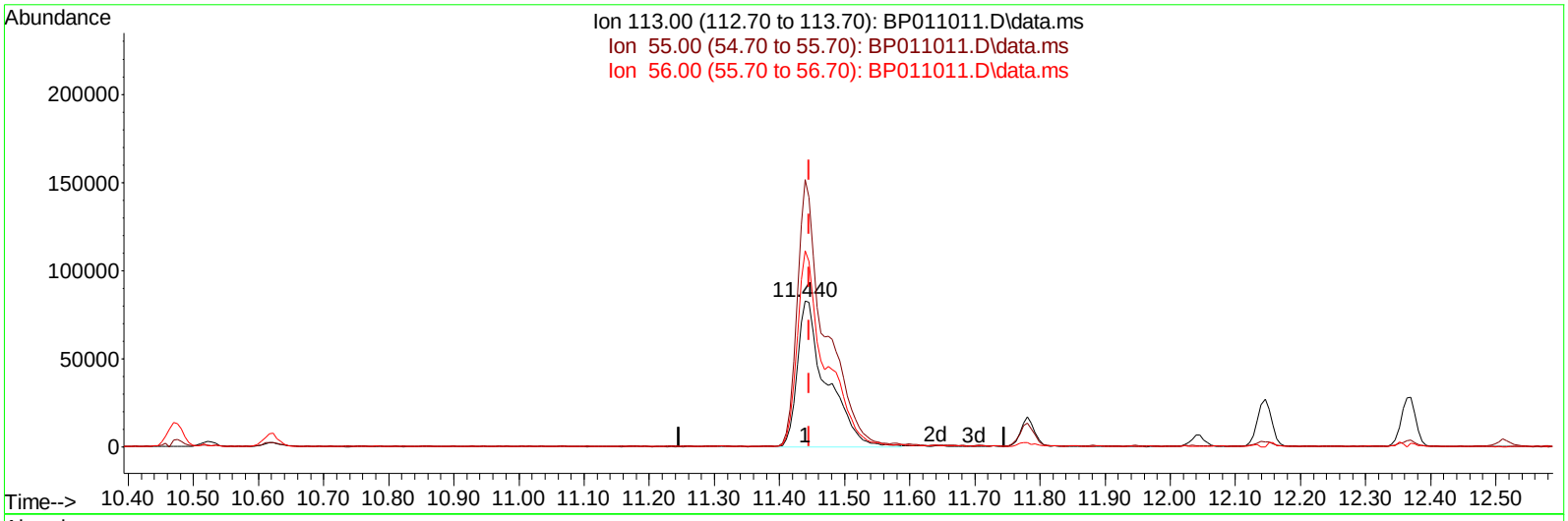

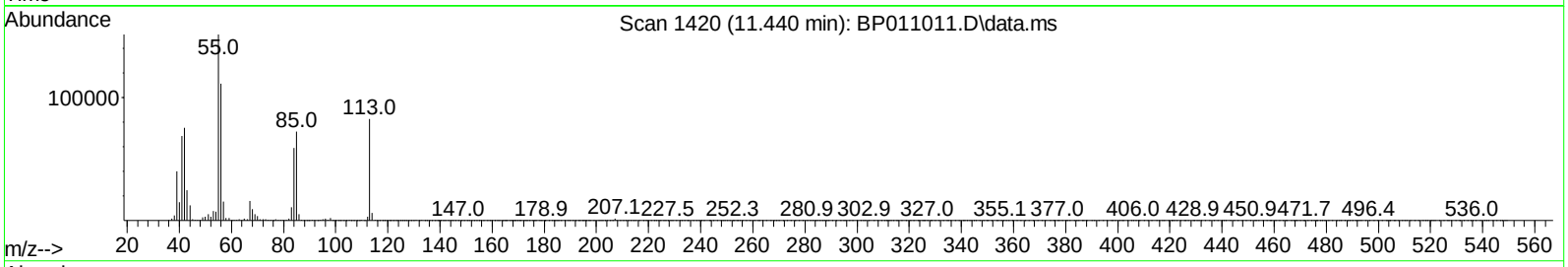

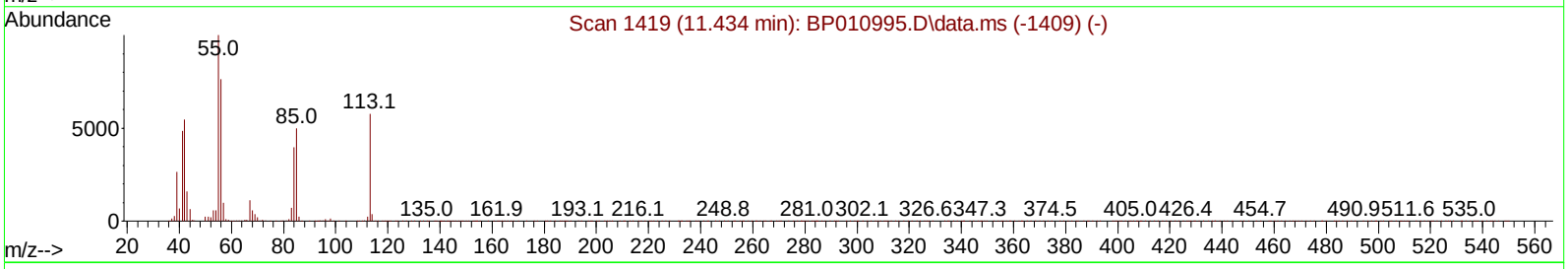

TIC: BP011011.D\data.ms

(34) Caprolactam

11.440min (-0.006) 27.73 ng/ul m

response 255034

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	183.38
56.00	137.80	134.81
0.00	0.00	0.00

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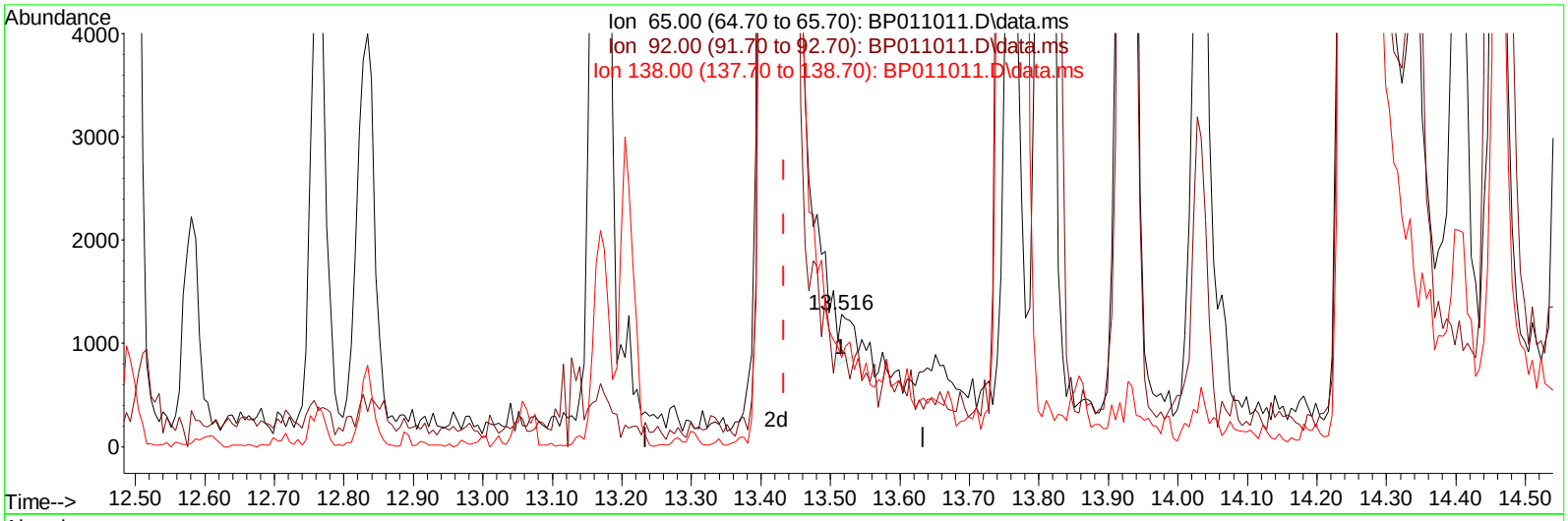

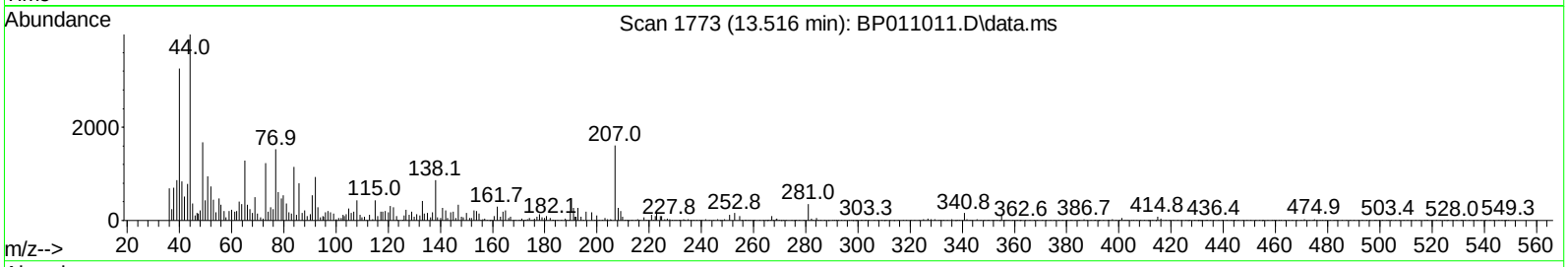

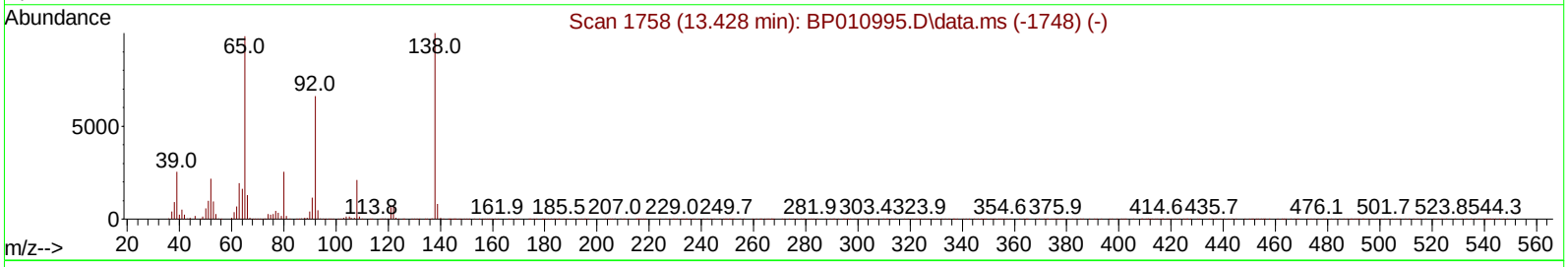

TIC: BP011011.D\data.ms

(45) 2-Nitroaniline

13.516min (+ 0.083) 0.03 ng/ul

response 550

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.30	73.07
138.00	83.00	67.00
0.00	0.00	0.00

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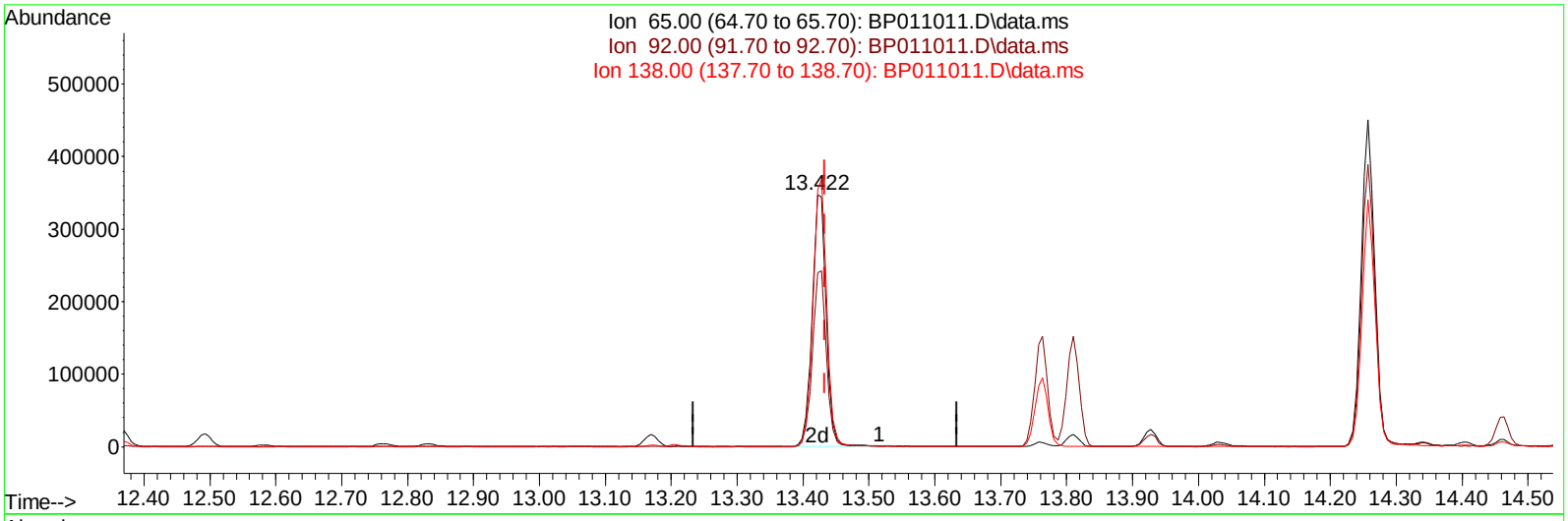

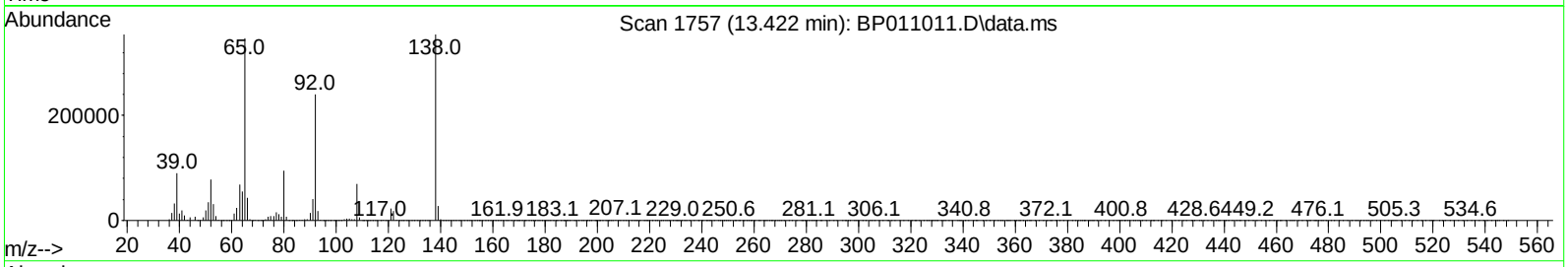

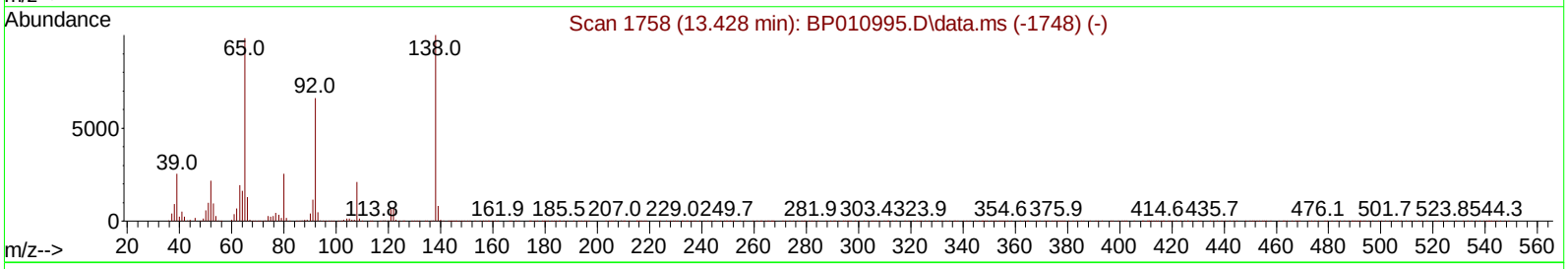

TIC: BP011011.D\data.ms

(45) 2-Nitroaniline

13.422min (-0.012) 30.02 ng/ul m

response 523127

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.30	69.02
138.00	83.00	101.93#
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	7.681	152	461993	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1922636	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	1067193	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.110	188	2111255	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.228	240	2051424	20.000	ng/ul	#-0.01
88) Perylene-d12	23.580	264	2210130	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	70437	5.496	ng/uL	0.00
4) Pyridine-d5	3.587	84	853690	25.773	ng/ul	0.00
7) Phenol-d5	6.858	99	1063627	28.047	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	690470	28.314	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	901160	29.408	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	833482	27.453	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	411758	29.388	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	416447	30.038	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	720160	28.404	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	1053720	25.209	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	2071816	28.405	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	2528245	29.378	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	414683	28.091	ng/ul	0.00
60) Fluorene-d10	15.340	176	1725140	27.826	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	296923	28.422	ng/ul	0.00
73) Anthracene-d10	17.210	188	2629591	29.298	ng/ul	0.00
81) Pyrene-d10	19.463	212	3051446	28.322	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.427	264	3158934	29.759	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	151360	11.257	ng/uL#	88
5) Pyridine	3.611	79	902065	26.426	ng/ul#	74
6) Benzaldehyde	6.828	77	629653	34.182	ng/ul	96
8) Phenol	6.887	94	1122192	27.838	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.117	93	918756	28.718	ng/ul	90
12) 2-Chlorophenol	7.246	128	925897	29.231	ng/ul	93
13) 2-Methylphenol	8.134	108	824989	27.674	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.211	45	1269603	29.015	ng/ul#	97
16) Acetophenone	8.511	105	1289022	28.047	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.499	70	641517	27.819	ng/ul	91
18) 4-Methylphenol	8.463	108	882747	27.734	ng/ul	100
19) Hexachloroethane	8.752	117	384706	30.690	ng/ul#	80
22) Nitrobenzene	8.887	77	979705	29.733	ng/ul	91
23) Isophorone	9.416	82	1761259	28.560	ng/ul	97
25) 2-Nitrophenol	9.593	139	464243	29.831	ng/ul#	81
26) 2,4-Dimethylphenol	9.663	107	918394	27.907	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.899	93	1131194	27.718	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	731182	27.862	ng/ul	99
30) Naphthalene	10.522	128	2785329	28.429	ng/ul	100
32) 4-Chloroaniline	10.646	127	1026544	24.829	ng/ul	99
33) Hexachlorobutadiene	10.810	225	433677	28.390	ng/ul	96
34) Caprolactam	11.440	113	255034m	27.730	ng/ul	
35) 4-Chloro-3-methylphenol	11.781	107	830694	28.009	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	1739558	27.388	ng/ul	97
37) 1-Methylnaphthalene	12.369	142	1757452	27.604	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.516	216	788751	28.023	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	477362	27.382	ng/ul	98
41) 2,4,6-Trichlorophenol	12.763	196	508863	27.453	ng/ul	97
42) 2,4,5-Trichlorophenol	12.834	196	563999	28.471	ng/ul	100
43) 1,1'-Biphenyl	13.169	154	2209793	27.751	ng/ul#	98
44) 2-Chloronaphthalene	13.210	162	1700745	28.436	ng/ul	98
45) 2-Nitroaniline	13.422	65	523127m	30.021	ng/ul	
47) Dimethylphthalate	13.810	163	2102408	28.566	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	417125	31.305	ng/ul	94
50) Acenaphthylene	14.063	152	2708289	28.046	ng/ul	99
51) 3-Nitroaniline	14.257	138	476443	29.762	ng/ul	87
52) Acenaphthene	14.404	153	1841293	28.783	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	194250	24.918	ng/ul#	86
55) 4-Nitrophenol	14.575	109	314280	27.808	ng/ul#	74
56) Dibenzofuran	14.746	168	2463917	27.913	ng/ul	96
57) 2,4-Dinitrotoluene	14.716	165	607237	31.949	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.975	232	432151	27.857	ng/ul	89
59) Diethylphthalate	15.187	149	2176061	28.790	ng/ul	98
61) Fluorene	15.398	166	2022550	28.551	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	920096	28.213	ng/ul	96
63) 4-Nitroaniline	15.428	138	516162	35.083	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.481	198	306155	28.566	ng/ul	100
67) N-Nitrosodiphenylamine	15.616	169	1717214	28.473	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	564048	29.622	ng/ul	95
69) Hexachlorobenzene	16.404	284	628699	28.448	ng/ul	94
70) Atrazine	16.581	200	202933	9.727	ng/ul	95
71) Pentachlorophenol	16.757	266	324457	23.839	ng/ul	97
72) Phenanthrene	17.151	178	3199815	29.091	ng/ul	99
74) Anthracene	17.245	178	3184169	29.102	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	820839	27.158	ng/uL	97
76) Pentachlorobenzene	14.657	250	740778	27.960	ng/uL	98
77) Carbazole	17.522	167	3040446	29.690	ng/ul	98
78) Di-n-butylphthalate	18.092	149	3881497	30.322	ng/ul	99
80) Fluoranthene	19.139	202	3737446	29.660	ng/ul#	89
82) Pyrene	19.492	202	3797953	29.213	ng/ul#	84
83) Butylbenzylphthalate	20.386	149	1849896	31.896	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	1234147	33.976	ng/ul#	99
85) Benzo(a)anthracene	21.216	228	3744274	29.970	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	2772730	32.041	ng/ul#	96
87) Chrysene	21.269	228	3555768	28.986	ng/ul	99
89) Di-n-octyl phthalate	22.069	149	4779327	32.244	ng/ul	100
90) Benzo(b)fluoranthene	22.863	252	4113517	30.143	ng/ul#	95
91) Benzo(k)fluoranthene	22.916	252	3787622	29.548	ng/ul#	95
93) Benzo(a)pyrene	23.480	252	3530982	26.942	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.021	276	4745506	31.158	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.045	278	3937362	29.876	ng/ul#	92
96) Benzo(g,h,i)perylene	26.768	276	3866323	29.806	ng/ul#	87

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

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