Quantitation Report (Qedit)

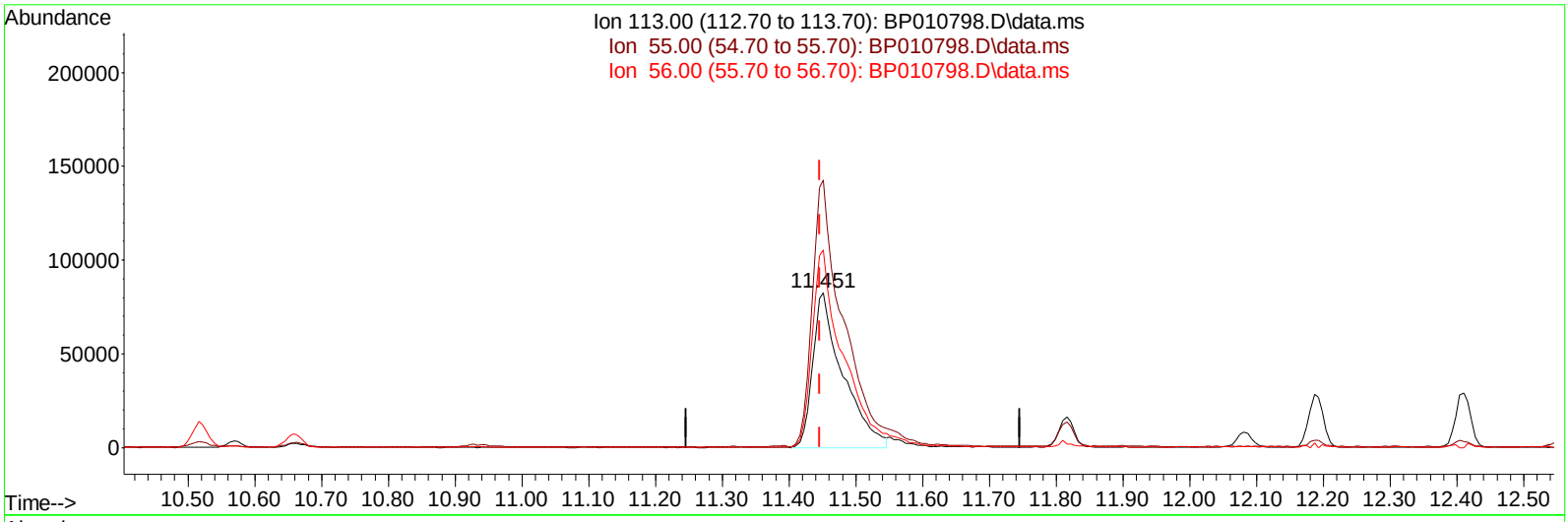
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062422\
Data File : BP010798.D
Acq On : 24 Jun 2022 17:50
Operator : CG/JU
Sample : PB145679BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

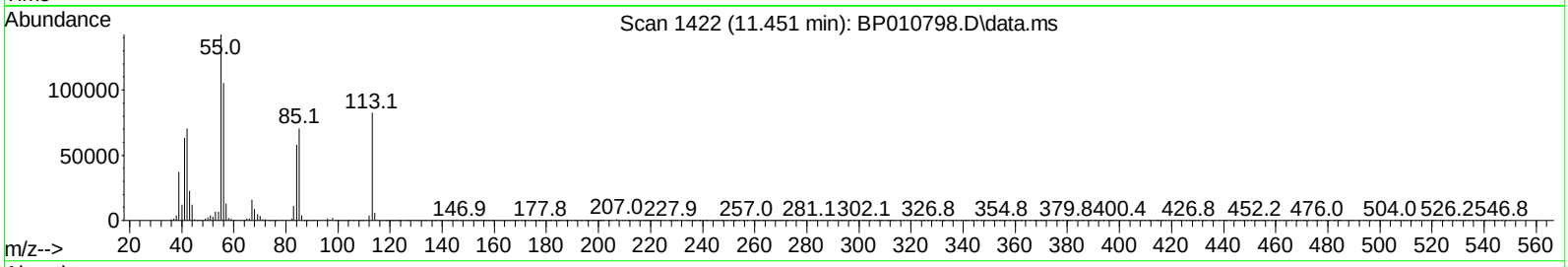
Quant Time: Jun 24 22:46:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

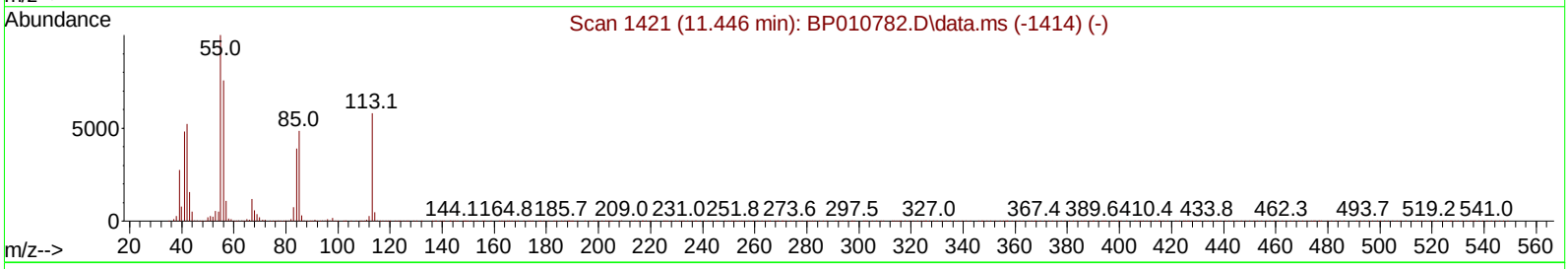
Instrument :
BNA_P
ClientSampleId :
SLCS679

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 06/29/2022







TIC: BP010798.D\data.ms

(34) Caprolactam

11.451min (+ 0.006) 33.21 ng/ul

response 257143

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	172.71
56.00	137.80	127.66
0.00	0.00	0.00

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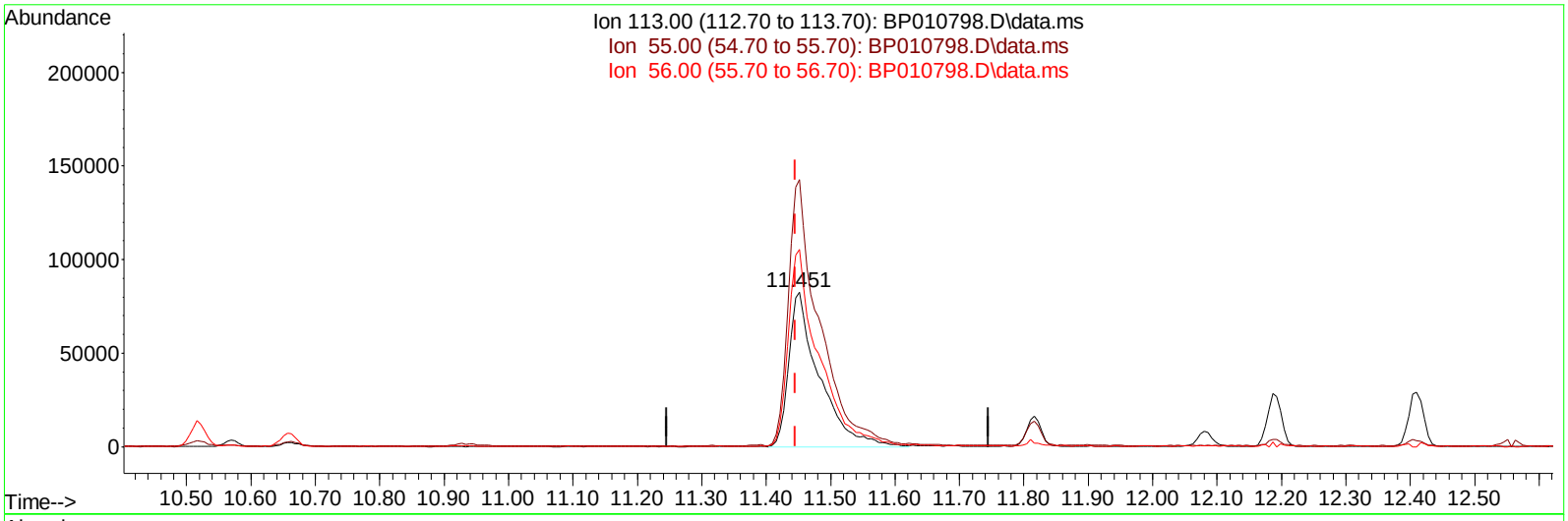

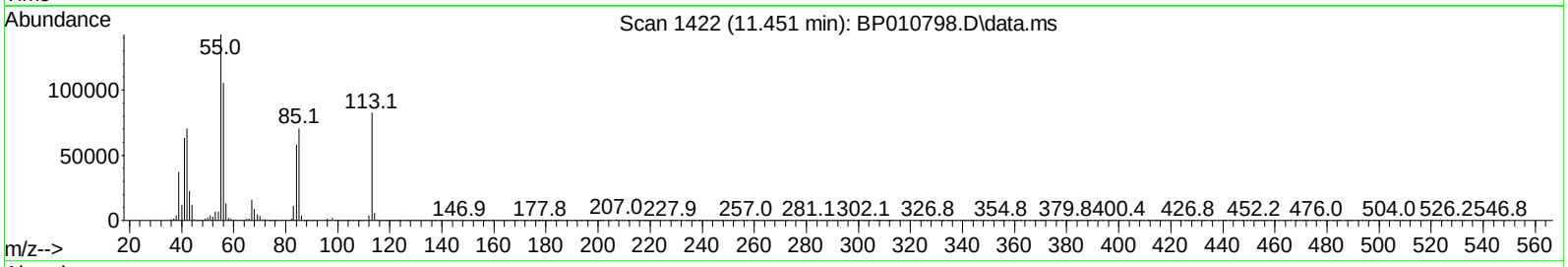

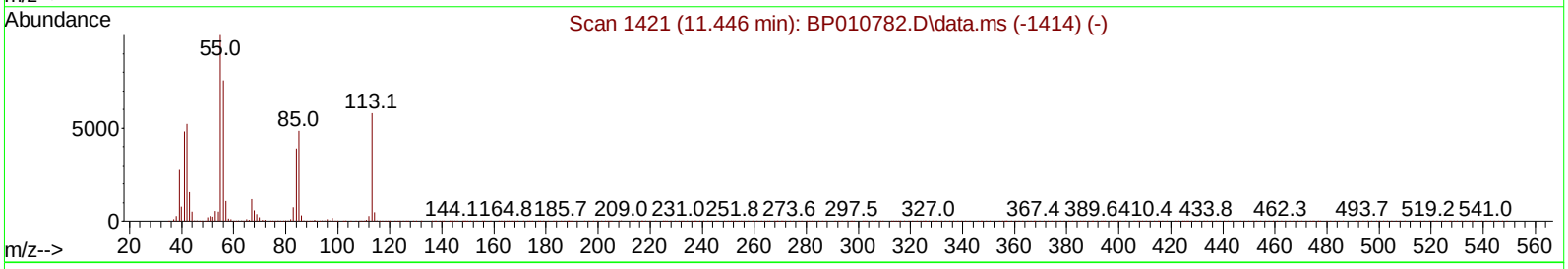

TIC: BP010798.D\data.ms

(34) Caprolactam

11.451min (+ 0.006) 34.57 ng/ul m

response 267630

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	172.71
56.00	137.80	127.66
0.00	0.00	0.00

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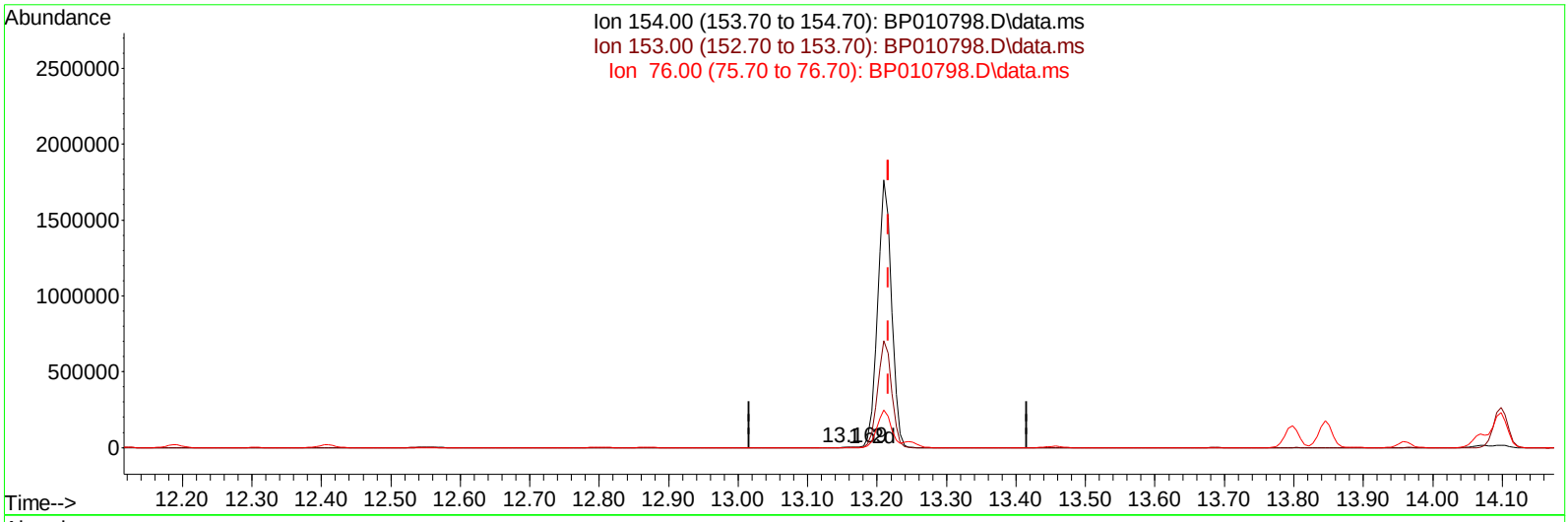

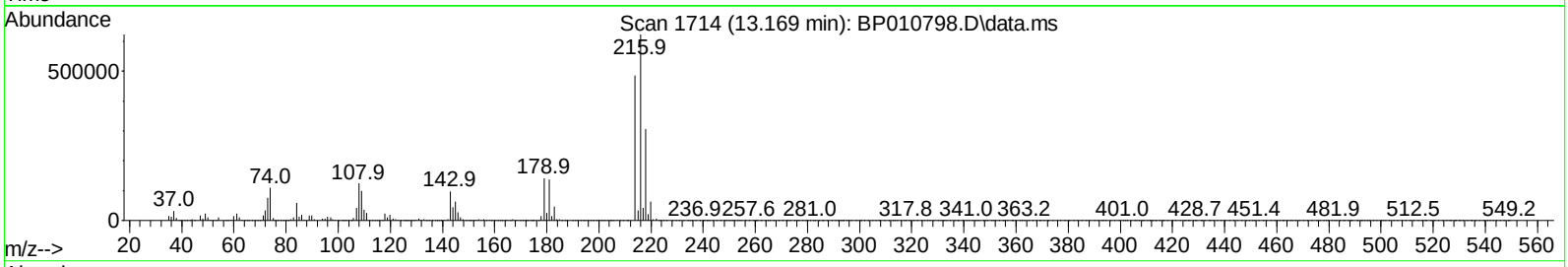

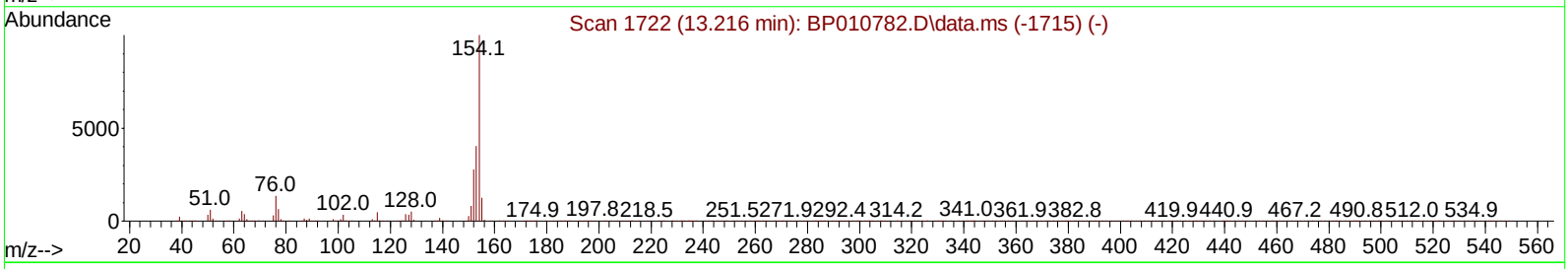

TIC: BP010798.D\data.ms

(43) 1,1'-Biphenyl

13.169min (-0.047) 0.07 ng/ul

response 5639

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	39.90	33.47
76.00	11.50	9.37
0.00	0.00	0.00

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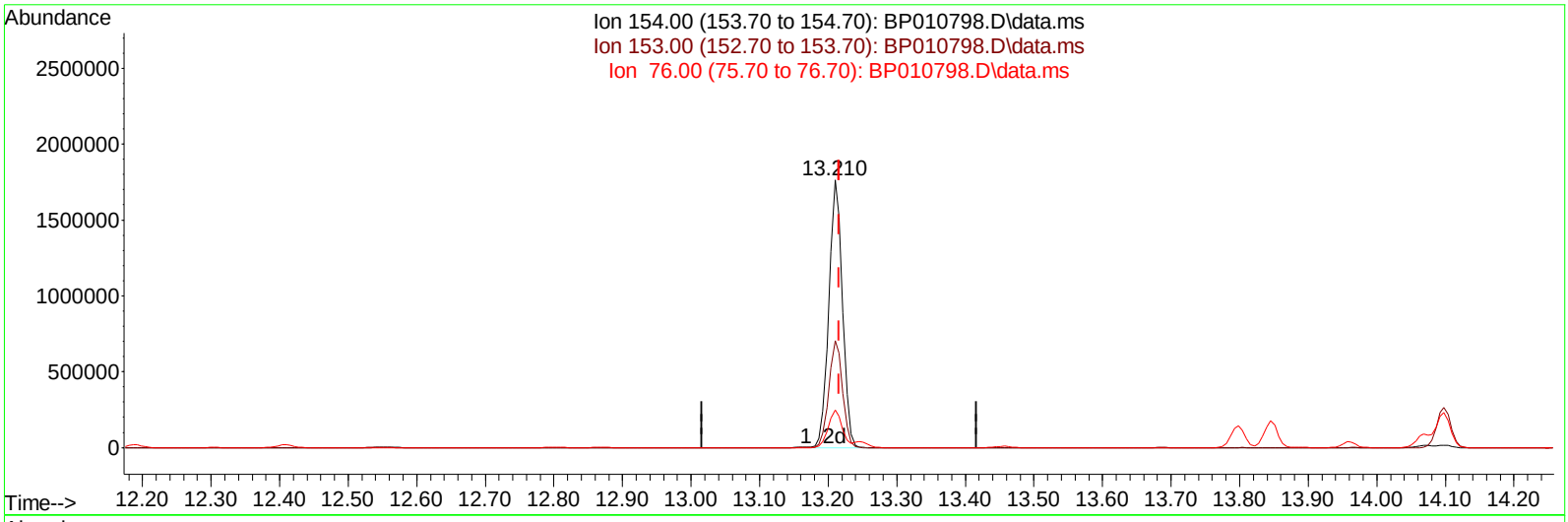

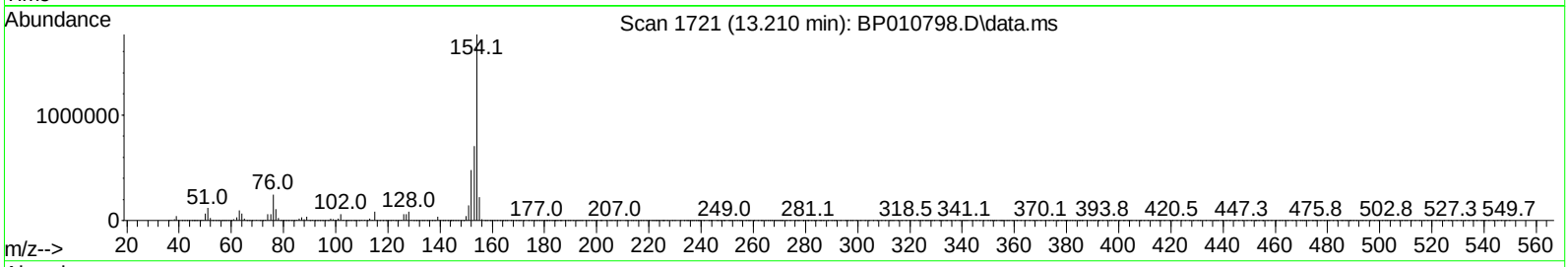

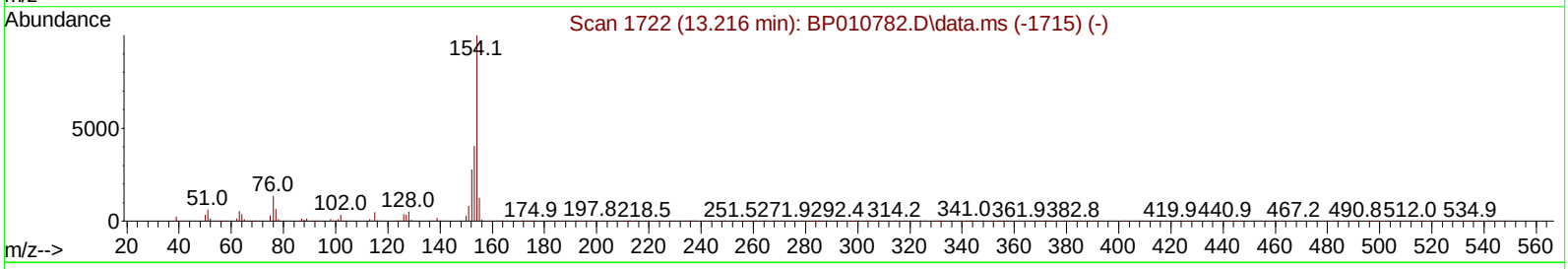

TIC: BP010798.D\data.ms

(43) 1,1'-Biphenyl

13.210min (-0.006) 30.59 ng/ul m

response 2428979

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	39.90	40.03
76.00	11.50	14.04#
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	7.722	152	433619	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1822556	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.380	164	1008498	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	1871382	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.257	240	1370603	20.000	ng/ul	# 0.00
88) Perylene-d12	23.621	264	1320653	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	70188	6.123	ng/uL	0.00
4) Pyridine-d5	3.605	84	941293	30.849	ng/ul	0.00
7) Phenol-d5	6.893	99	1172582	34.161	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	748671	33.350	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	966710	33.945	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	947623	34.923	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	436506	37.622	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	391560	40.792	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	817517	34.469	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	1228473	31.731	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	2376937	34.407	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	2930162	33.234	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	410288	38.024	ng/ul	0.00
60) Fluorene-d10	15.380	176	1966898	33.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	230300	37.145	ng/ul	0.00
73) Anthracene-d10	17.245	188	2771301	33.285	ng/ul	0.00
81) Pyrene-d10	19.492	212	2853671	38.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	2318797	35.531	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	140737	11.513	ng/uL#	88
5) Pyridine	3.622	79	904595	29.266	ng/ul#	76
6) Benzaldehyde	6.869	77	808019	44.614	ng/ul	97
8) Phenol	6.922	94	1166906	31.785	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.157	93	941013	31.914	ng/ul	90
12) 2-Chlorophenol	7.287	128	930659	31.658	ng/ul	92
13) 2-Methylphenol	8.169	108	871656	31.892	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.263	45	1304308	32.970	ng/ul#	97
16) Acetophenone	8.545	105	1371384	32.909	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.540	70	680040	32.273	ng/ul	89
18) 4-Methylphenol	8.498	108	925823	32.527	ng/ul	99
19) Hexachloroethane	8.798	117	376483	31.624	ng/ul#	82
22) Nitrobenzene	8.928	77	990873	34.222	ng/ul	90
23) Isophorone	9.451	82	1930306	31.791	ng/ul	97
25) 2-Nitrophenol	9.634	139	437337	37.623	ng/ul#	80
26) 2,4-Dimethylphenol	9.698	107	937508	29.520	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.945	93	1208478	31.550	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	776780	31.519	ng/ul	98
30) Naphthalene	10.569	128	2931812	30.864	ng/ul	99
32) 4-Chloroaniline	10.687	127	1157383	30.173	ng/ul	100
33) Hexachlorobutadiene	10.857	225	471212	29.928	ng/ul	95
34) Caprolactam	11.451	113	267630m	34.568	ng/ul	
35) 4-Chloro-3-methylphenol	11.816	107	875411	32.774	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.186	142	1889255	30.714	ng/ul	99
37) 1-Methylnaphthalene	12.410	142	1891864	30.959	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.557	216	879360	30.343	ng/ul	98
40) Hexachlorocyclopentadiene	12.539	237	518535	28.237	ng/ul	96
41) 2,4,6-Trichlorophenol	12.804	196	551223	32.991	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	611643	34.113	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	2428979m	30.595	ng/ul	
44) 2-Chloronaphthalene	13.245	162	1851291	30.955	ng/ul	98
45) 2-Nitroaniline	13.457	65	499760	39.385	ng/ul#	80
47) Dimethylphthalate	13.845	163	2255303	32.599	ng/ul	98
48) 2,6-Dinitrotoluene	13.963	165	422607	40.769	ng/ul	90
50) Acenaphthylene	14.098	152	2888929	29.918	ng/ul	99
51) 3-Nitroaniline	14.286	138	465761	37.479	ng/ul	89
52) Acenaphthene	14.445	153	1978854	31.760	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	137576	34.571	ng/ul#	79
55) 4-Nitrophenol	14.598	109	290630	33.873	ng/ul#	77
56) Dibenzofuran	14.780	168	2633101	30.853	ng/ul	95
57) 2,4-Dinitrotoluene	14.745	165	582340	42.043	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.004	232	463109	36.068	ng/ul#	90
59) Diethylphthalate	15.222	149	2262529	32.895	ng/ul	98
61) Fluorene	15.433	166	2152519	31.631	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.433	204	996536	31.282	ng/ul	96
63) 4-Nitroaniline	15.457	138	485236	42.231	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.510	198	238067	35.534	ng/ul#	98
67) N-Nitrosodiphenylamine	15.651	169	1812694	31.981	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	615354	32.810	ng/ul	97
69) Hexachlorobenzene	16.439	284	693551	31.927	ng/ul	98
70) Atrazine	16.616	200	607277	32.315	ng/ul	98
71) Pentachlorophenol	16.786	266	361062	32.279	ng/ul	97
72) Phenanthrene	17.186	178	3209007	32.201	ng/ul	99
74) Anthracene	17.274	178	3159569	31.523	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	916936	29.693	ng/uL	98
76) Pentachlorobenzene	14.698	250	838199	31.648	ng/uL	99
77) Carbazole	17.551	167	2906996	32.220	ng/ul	99
78) Di-n-butylphthalate	18.127	149	3516048	32.704	ng/ul	99
80) Fluoranthene	19.168	202	3333650	36.300	ng/ul#	90
82) Pyrene	19.521	202	3359581	36.224	ng/ul#	86
83) Butylbenzylphthalate	20.415	149	1253841	38.408	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	938071	33.145	ng/ul#	97
85) Benzo(a)anthracene	21.239	228	2828950	33.003	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.192	149	1848603	35.760	ng/ul	97
87) Chrysene	21.292	228	2656956	32.346	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	2770666	35.345	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	2790745	33.981	ng/ul#	96
91) Benzo(k)fluoranthene	22.951	252	2689916	34.458	ng/ul#	95
93) Benzo(a)pyrene	23.521	252	2451386	30.684	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.092	276	3494012	36.244	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.115	278	2912793	35.225	ng/ul#	93
96) Benzo(g,h,i)perylene	26.844	276	2879877	35.119	ng/ul#	89

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

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