Quantitation Report (Qedit)

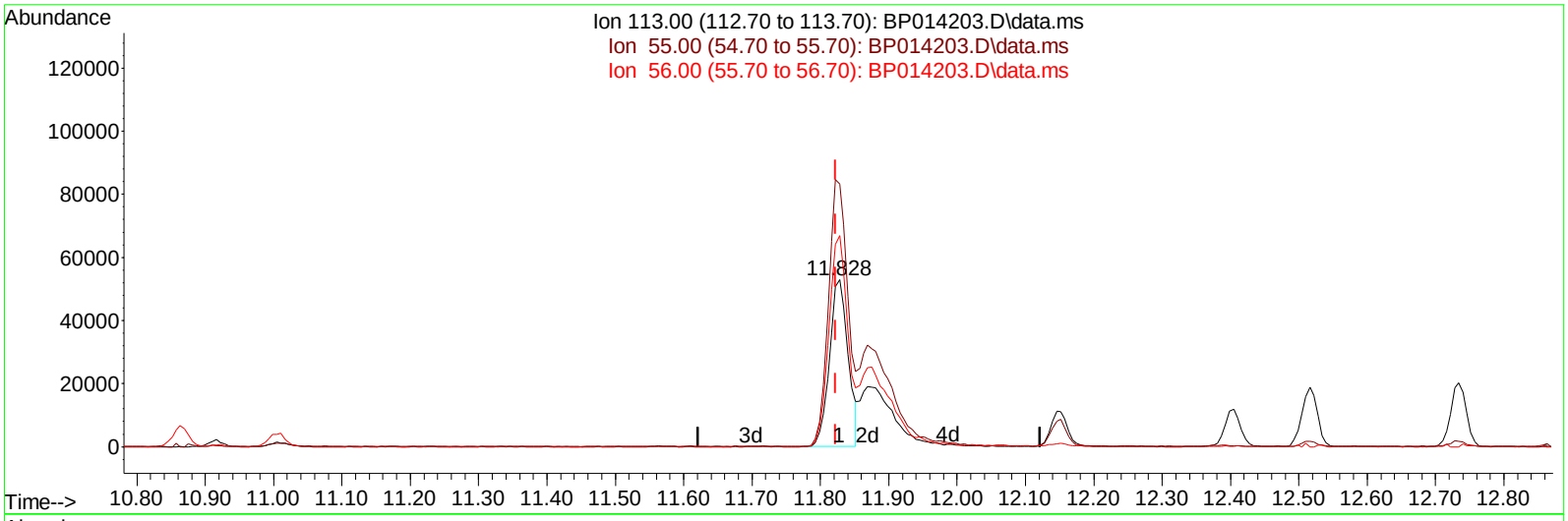
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014203.D
Acq On : 22 Mar 2023 04:34
Operator : CG/JU
Sample : PB151558BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

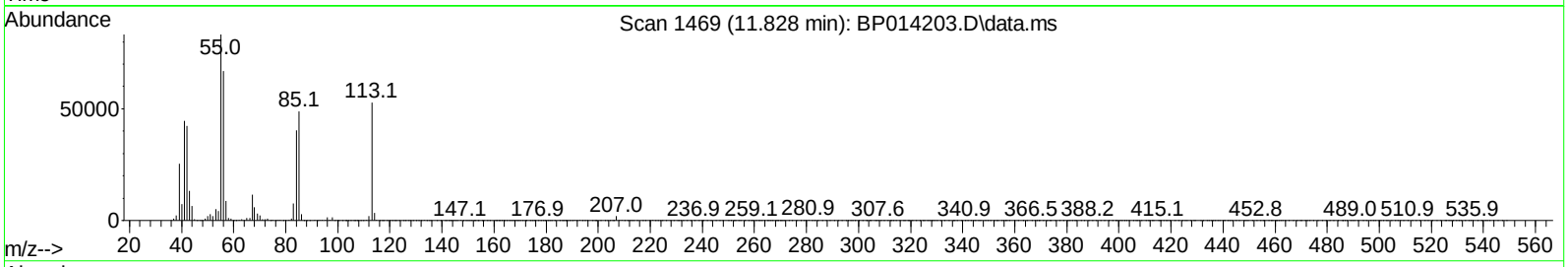
Quant Time: Mar 22 05:03:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 22 03:05:29 2023
Response via : Initial Calibration

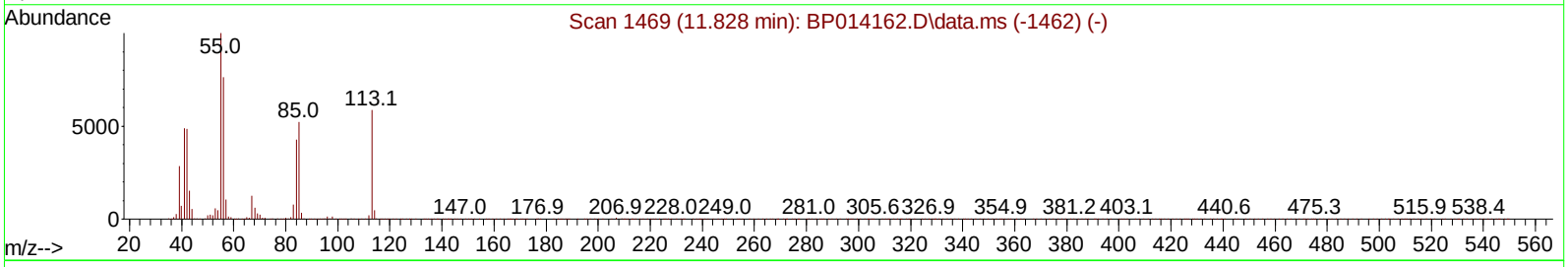
Instrument :
BNA_P
ClientSampleId :
SLCS558

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :mohammad ahmed 03/24/2023







TIC: BP014203.D\data.ms

(34) Caprolactam

11.828min (+ 0.006) 20.42 ng/ul

response 100004

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	157.47
56.00	127.50	126.46
0.00	0.00	0.00

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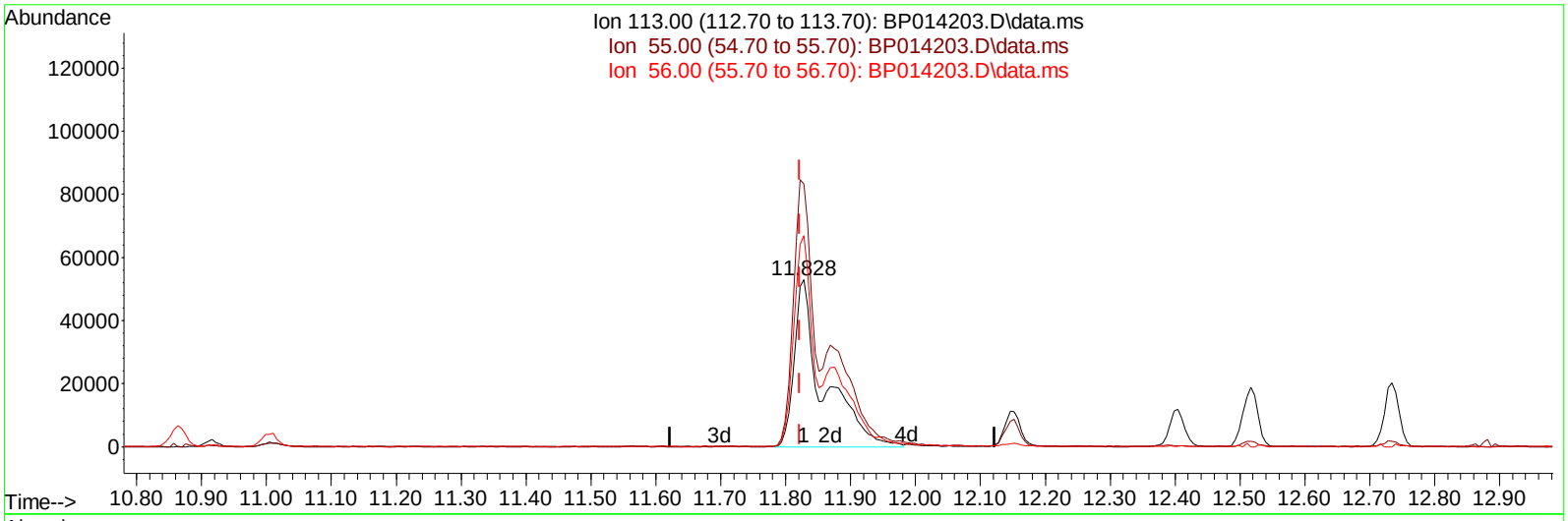

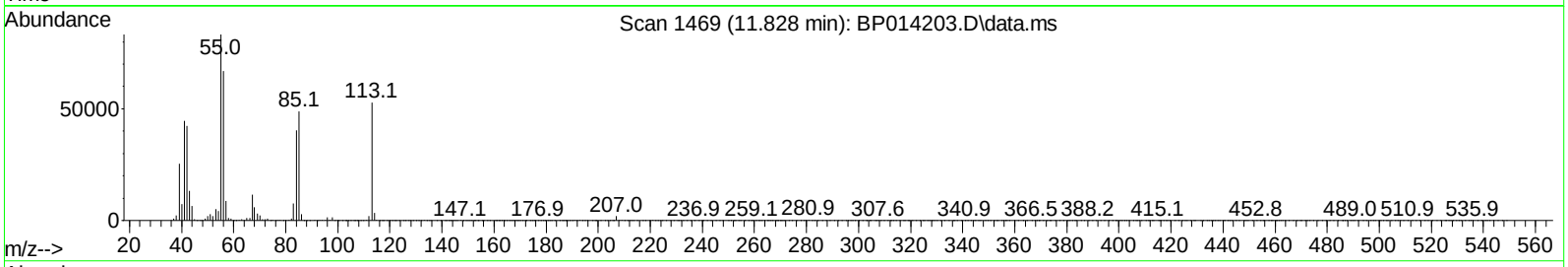

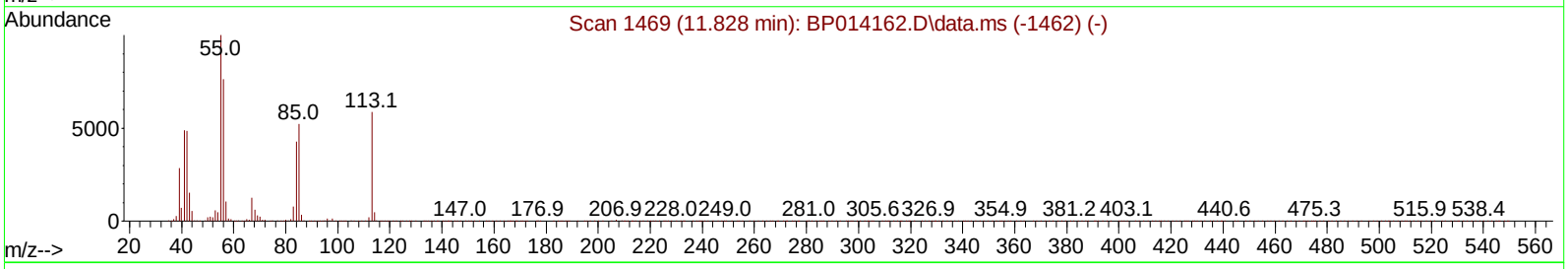

TIC: BP014203.D\data.ms

(34) Caprolactam

11.828min (+ 0.006) 33.69 ng/ul m

response 164991

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	157.47
56.00	127.50	126.46
0.00	0.00	0.00

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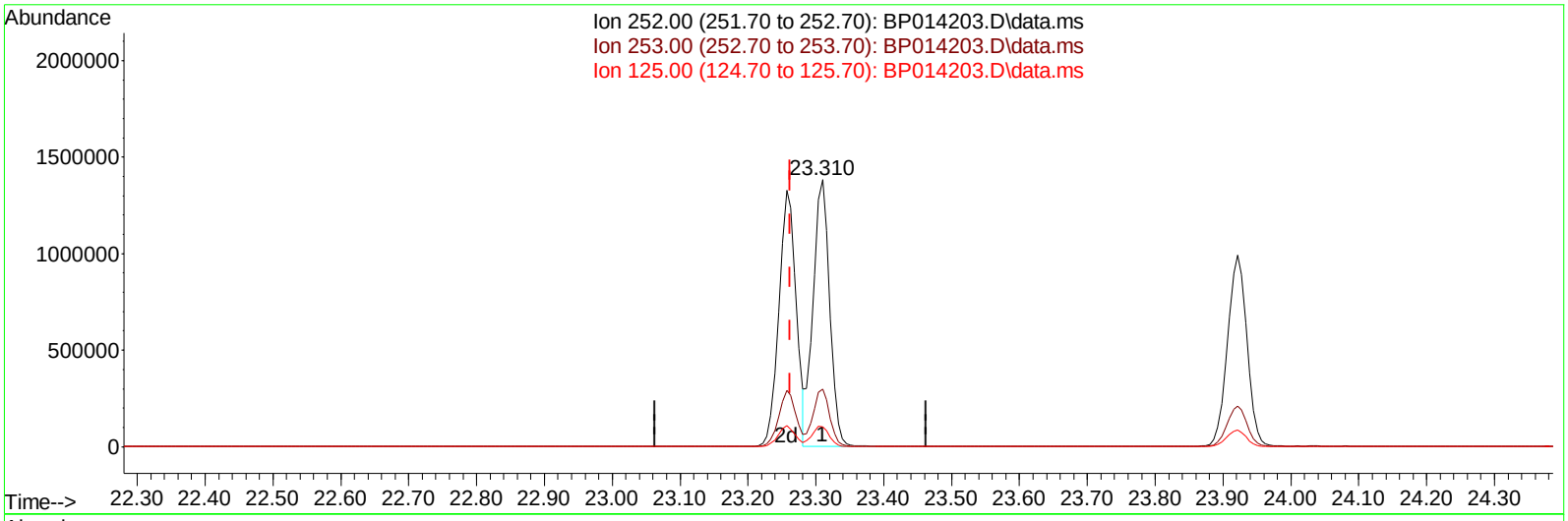

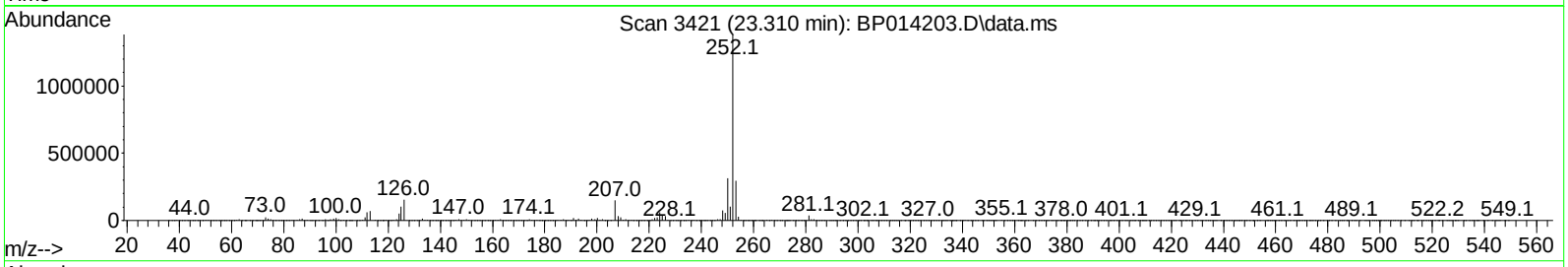

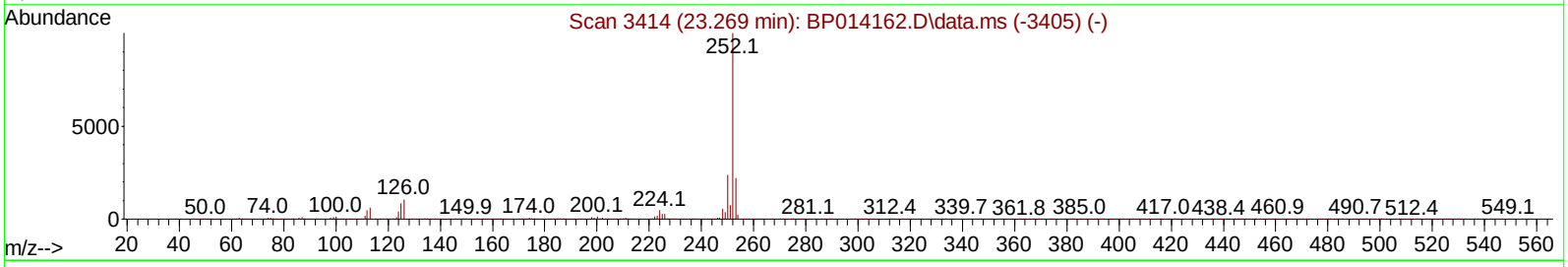

TIC: BP014203.D\data.ms

(90) Benzo(b)fluoranthene

23.310min (+ 0.047) 36.20 ng/ul

response 2347667

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.49
125.00	6.80	7.52
0.00	0.00	0.00

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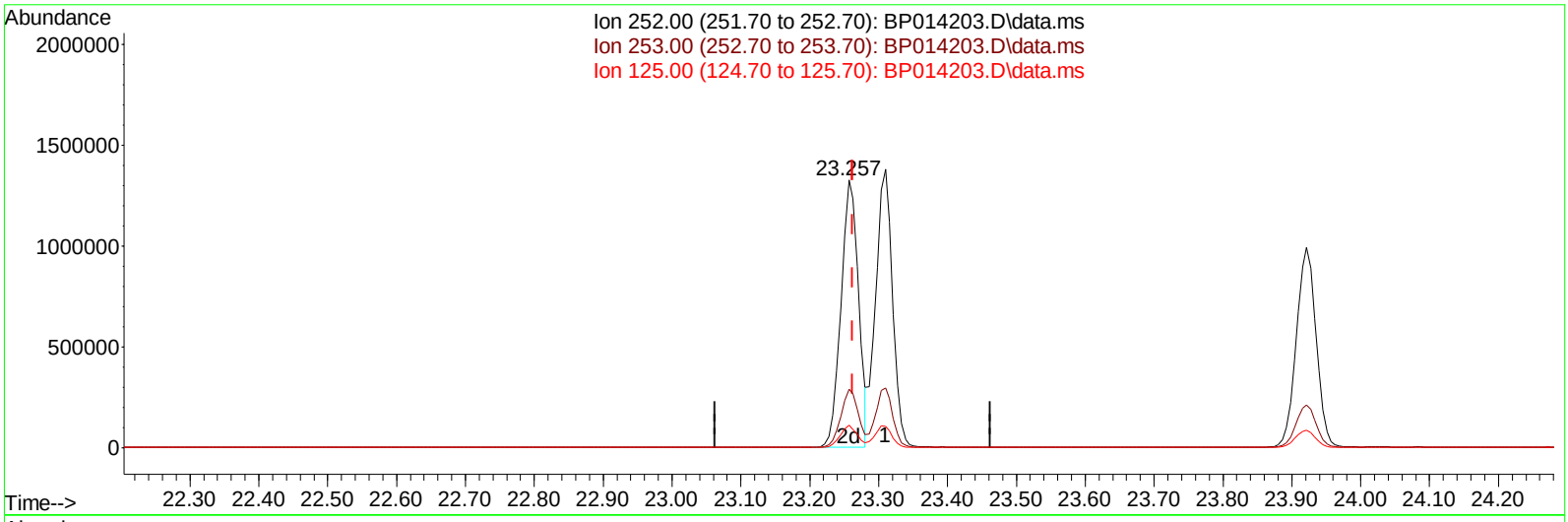

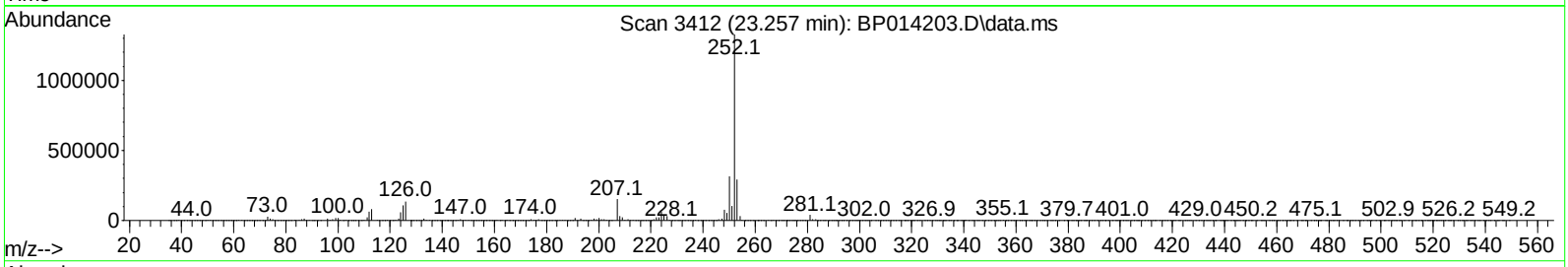

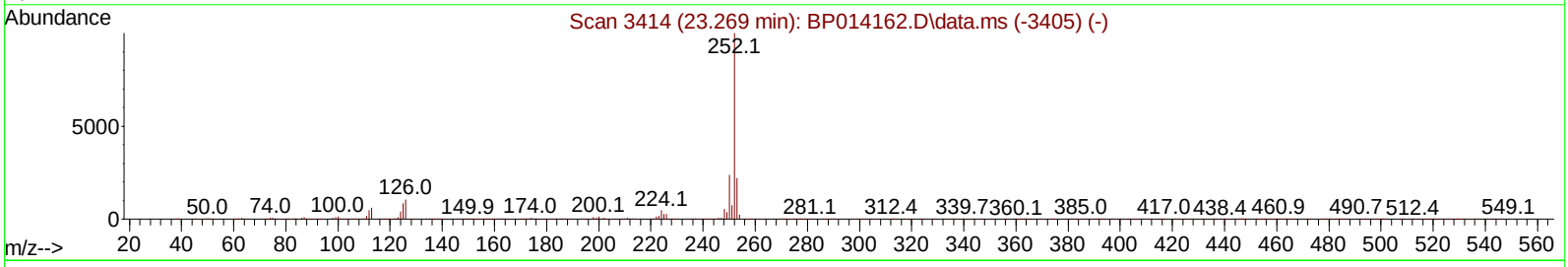

TIC: BP014203.D\data.ms

(90) Benzo(b)fluoranthene

23.257min (-0.006) 36.12 ng/ul m

response 2342192

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.91
125.00	6.80	8.28#
0.00	0.00	0.00

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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	8.046	152	201398	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	850680	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	571342	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188	1296638	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	1143836	20.000	ng/ul	# 0.00
88) Perylene-d12	24.027	264	973154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	30606	5.742	ng/uL	0.00
4) Pyridine-d5	3.840	84	452457	30.657	ng/ul	0.00
7) Phenol-d5	7.205	99	630628	35.483	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	381616	36.817	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	467645	34.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	507294	34.943	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	239860	35.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	280997	34.584	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	507245	33.179	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	586188	28.974	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	1585091	32.690	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1746577	34.003	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	272387	31.877	ng/ul	0.00
60) Fluorene-d10	15.675	176	1350724	32.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	309333	31.564	ng/ul	0.00
73) Anthracene-d10	17.540	188	2161921	34.346	ng/ul	0.00
81) Pyrene-d10	19.763	212	2537461	40.222	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	1841323	35.571	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	62431	10.849	ng/uL	89
5) Pyridine	3.864	79	430634	28.772	ng/ul	97
6) Benzaldehyde	7.181	77	350586	39.644	ng/ul	98
8) Phenol	7.234	94	638870	34.857	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.464	93	498261	35.484	ng/ul	97
12) 2-Chlorophenol	7.605	128	477884	35.029	ng/ul	96
13) 2-Methylphenol	8.493	108	475879	34.917	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.575	45	623711	41.131	ng/ul	98
16) Acetophenone	8.881	105	798627	34.053	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.864	70	427402	35.623	ng/ul	98
18) 4-Methylphenol	8.822	108	518675	34.600	ng/ul	98
19) Hexachloroethane	9.128	117	208407	34.879	ng/ul	92
22) Nitrobenzene	9.264	77	636125	35.035	ng/ul	98
23) Isophorone	9.793	82	1196661	34.224	ng/ul	98
25) 2-Nitrophenol	9.975	139	288200	34.416	ng/ul	95
26) 2,4-Dimethylphenol	10.034	107	592276	32.313	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	708198	35.016	ng/ul	100
29) 2,4-Dichlorophenol	10.516	162	493741	32.740	ng/ul	98
30) Naphthalene	10.916	128	1566930	33.543	ng/ul	100
32) 4-Chloroaniline	11.028	127	518629	25.475	ng/ul	98
33) Hexachlorobutadiene	11.193	225	363843	30.319	ng/ul	98
34) Caprolactam	11.828	113	164991m	33.695	ng/ul	
35) 4-Chloro-3-methylphenol	12.152	107	588512	33.748	ng/ul	95

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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/22/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	1060009	32.352	ng/ul	100
37) 1-Methylnaphthalene	12.734	142	1088097	33.041	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.881	216	665671	32.219	ng/ul	99
40) Hexachlorocyclopentadiene	12.852	237	369487	24.974	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	431587	33.253	ng/ul	97
42) 2,4,5-Trichlorophenol	13.199	196	477401	33.517	ng/ul	99
43) 1,1'-Biphenyl	13.516	154	1487112	33.808	ng/ul#	98
44) 2-Chloronaphthalene	13.563	162	1193206	34.155	ng/ul	98
45) 2-Nitroaniline	13.775	65	396487	38.373	ng/ul	94
47) Dimethylphthalate	14.140	163	1582466	32.972	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	333544	35.151	ng/ul	98
50) Acenaphthylene	14.410	152	1827288	33.898	ng/ul	100
51) 3-Nitroaniline	14.599	138	301344	35.868	ng/ul	95
52) Acenaphthene	14.746	153	1273854	33.803	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	202374	28.559	ng/ul	95
55) 4-Nitrophenol	14.904	109	257868	27.938	ng/ul	85
56) Dibenzofuran	15.081	168	1799649	32.826	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	485717	34.261	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.310	232	427463	31.369	ng/ul	99
59) Diethylphthalate	15.493	149	1610921	33.092	ng/ul	99
61) Fluorene	15.734	166	1488397	32.752	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	798417	31.832	ng/ul	98
63) 4-Nitroaniline	15.763	138	336021	38.909	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.816	198	299160	31.997	ng/ul	98
67) N-Nitrosodiphenylamine	15.940	169	1287240	35.151	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	521157	33.247	ng/ul	100
69) Hexachlorobenzene	16.740	284	602511	32.618	ng/ul	97
70) Atrazine	16.892	200	394517	24.978	ng/ul	98
71) Pentachlorophenol	17.087	266	348972	28.902	ng/ul	97
72) Phenanthrene	17.481	178	2425812	34.301	ng/ul	99
74) Anthracene	17.575	178	2454736	34.232	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.487	216	674964	33.919	ng/uL	99
76) Pentachlorobenzene	14.998	250	682096	32.998	ng/uL	99
77) Carbazole	17.845	167	2184395	34.535	ng/ul	100
78) Di-n-butylphthalate	18.369	149	2886784	36.519	ng/ul	100
80) Fluoranthene	19.434	202	2942232	40.917	ng/ul#	94
82) Pyrene	19.792	202	3030445	40.400	ng/ul	96
83) Butylbenzylphthalate	20.645	149	1348574	44.587	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.428	252	893069	30.499	ng/ul	98
85) Benzo(a)anthracene	21.498	228	2795605	34.748	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	1981008	43.809	ng/ul	99
87) Chrysene	21.557	228	2615866	34.117	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	3246035	52.863	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2342192m	36.120	ng/ul	
91) Benzo(k)fluoranthene	23.310	252	2347667	37.967	ng/ul	99
93) Benzo(a)pyrene	23.922	252	1986176	35.214	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	2383223	31.919	ng/ul	98
95) Dibenzo(a,h)anthracene	26.692	278	1984409	31.977	ng/ul	98
96) Benzo(g,h,i)perylene	27.486	276	1908725	31.983	ng/ul	98

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

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