Quantitation Report (Qedit)

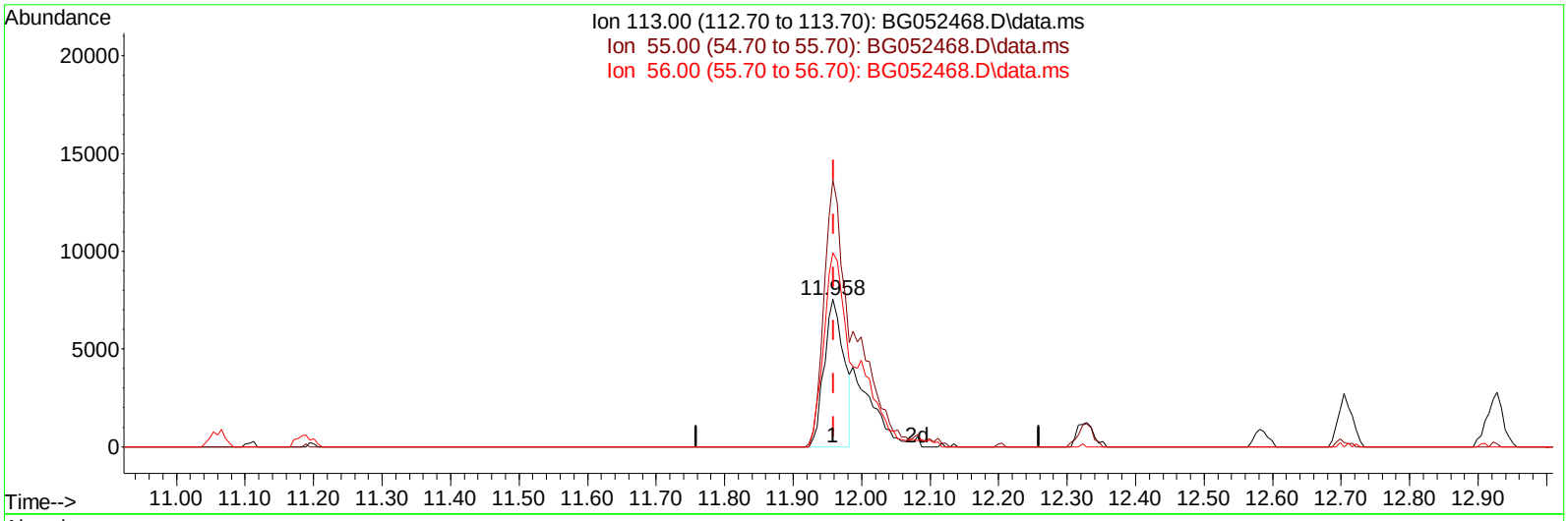
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052468.D
Acq On : 23 Feb 2022 17:40
Operator : CG/JU
Sample : PB142864BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

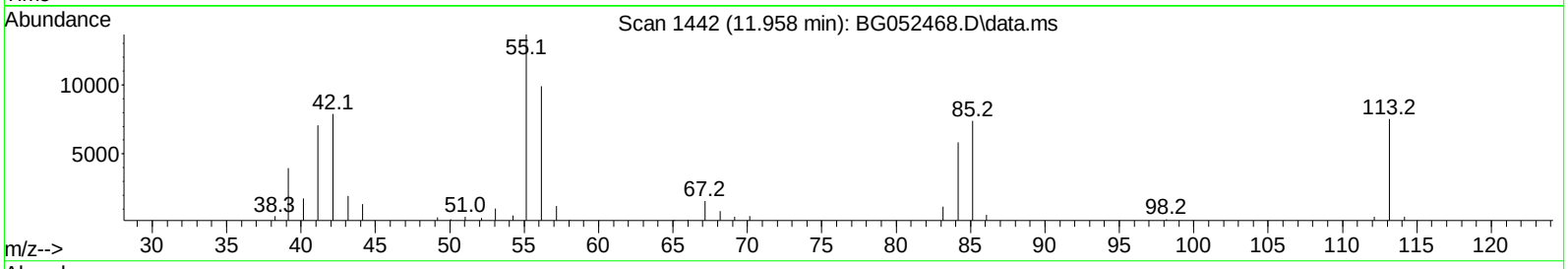
Quant Time: Feb 24 00:09:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 17:32:12 2022
Response via : Initial Calibration

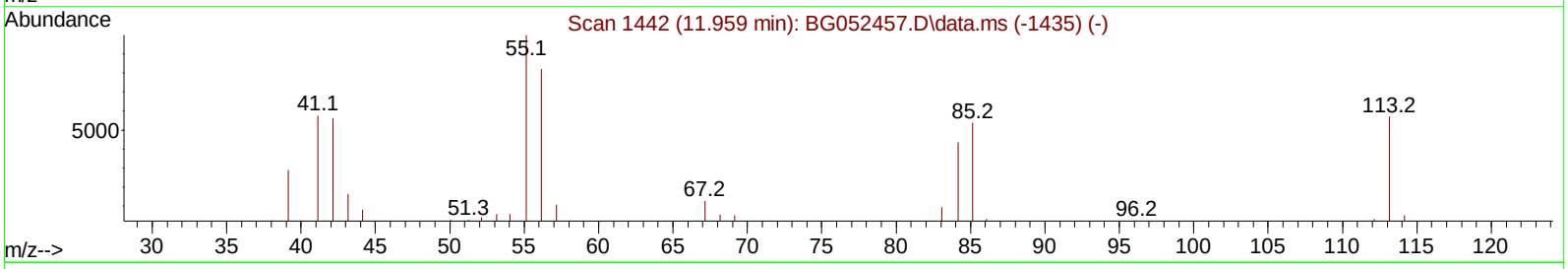
Instrument :
BNA_G
ClientSampleId :
SLCS864

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/24/2022
Supervised By :mohammad ahmed 02/24/2022







TIC: BG052468.D\data.ms

(34) Caprolactam

11.958min (-0.001) 22.04 ng/ul

response 15168

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	181.09
56.00	136.50	131.53
0.00	0.00	0.00

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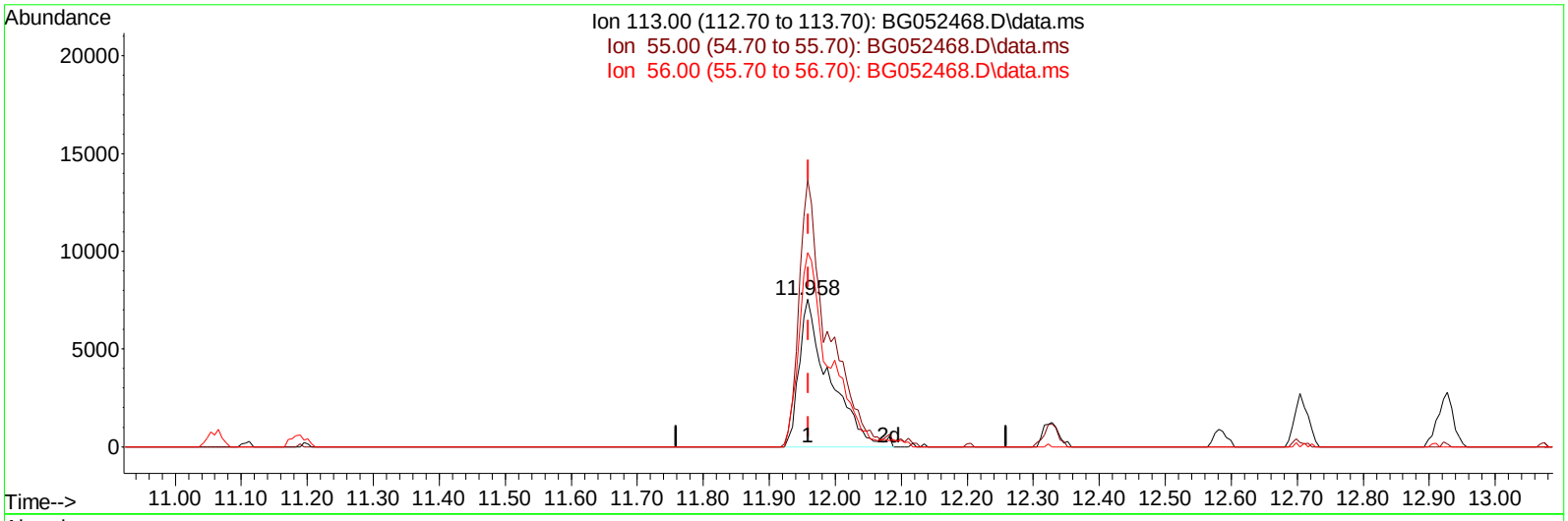

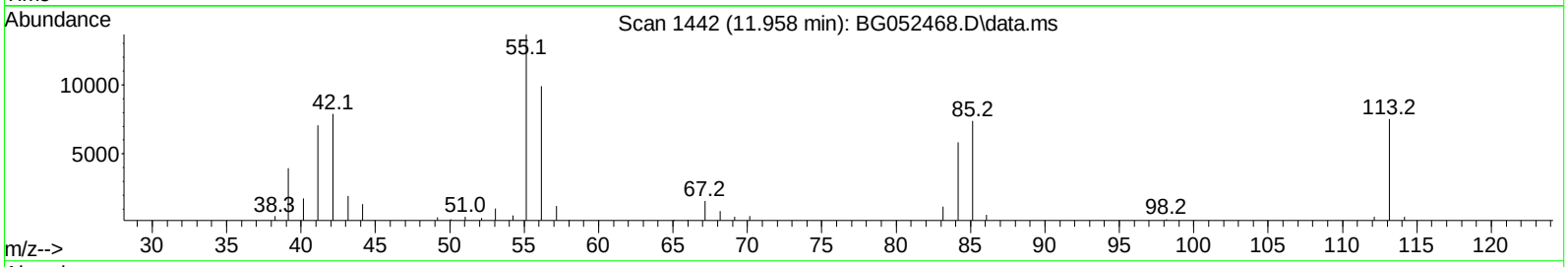

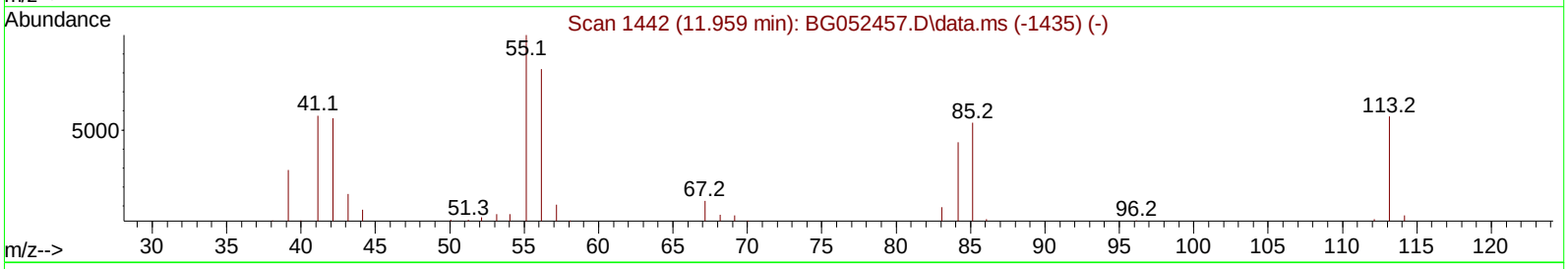

TIC: BG052468.D\data.ms

(34) Caprolactam

11.958min (-0.001) 35.02 ng/ul m

response 24102

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	181.09
56.00	136.50	131.53
0.00	0.00	0.00

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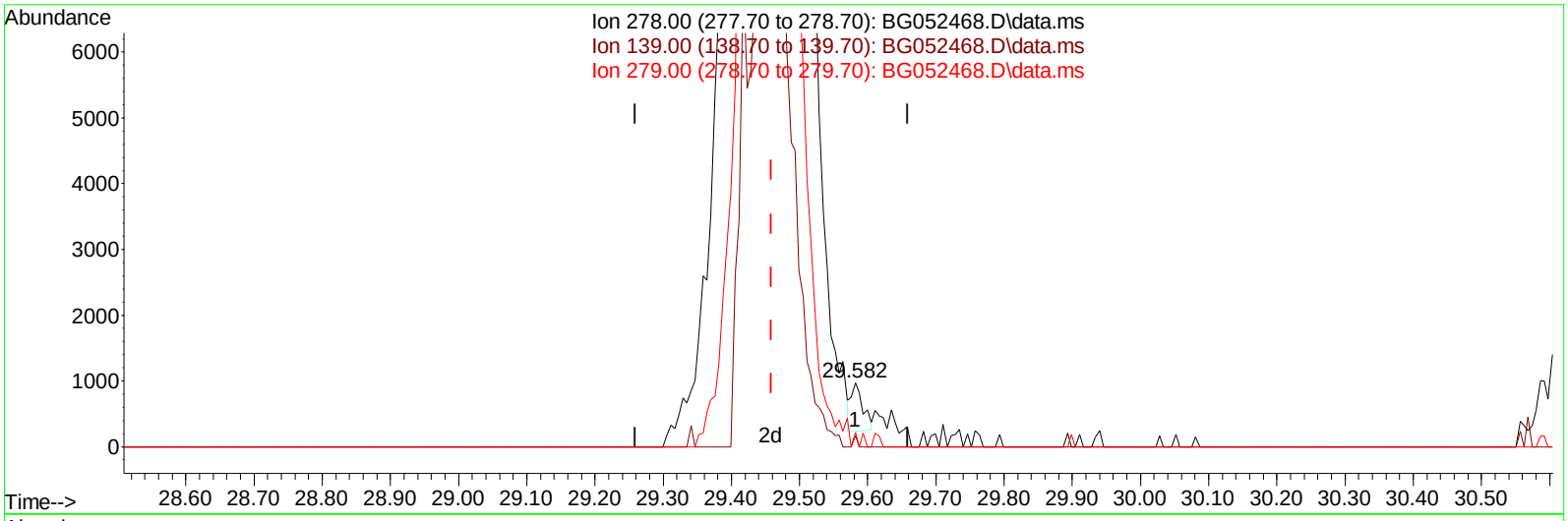

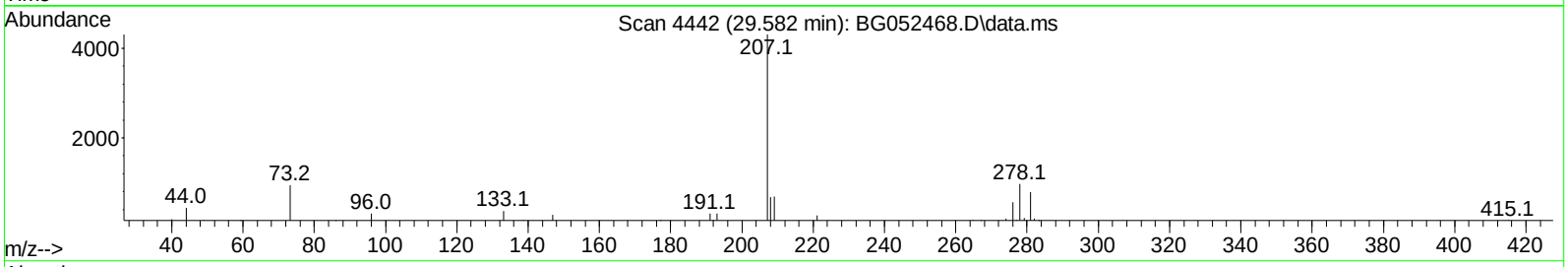

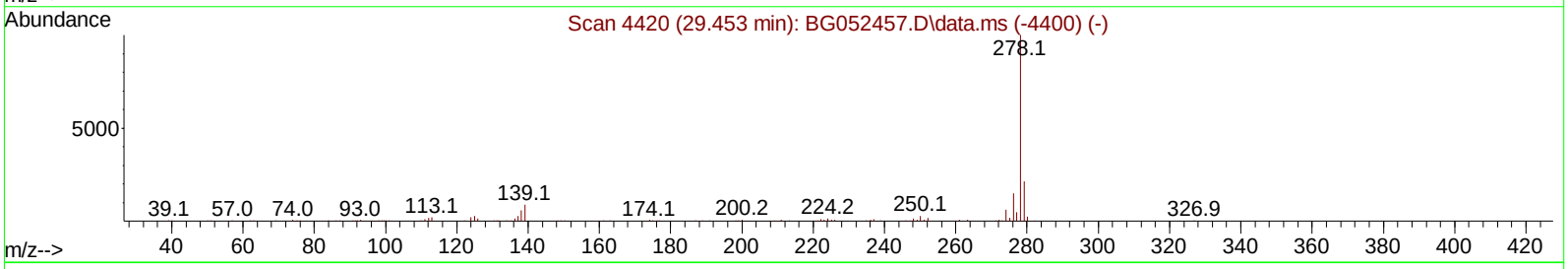

TIC: BG052468.D\data.ms

(95) Dibenzo(a,h)anthracene

29.582min (+ 0.122) 0.07 ng/ul

response 893

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.30	17.03
279.00	24.40	22.15
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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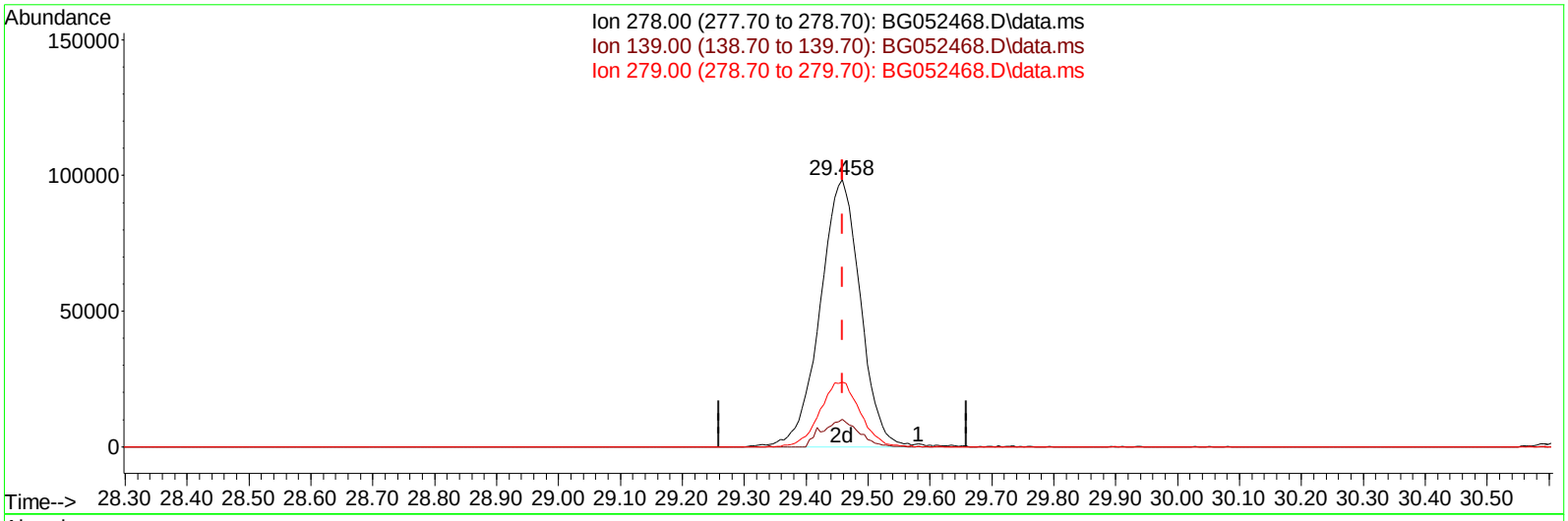

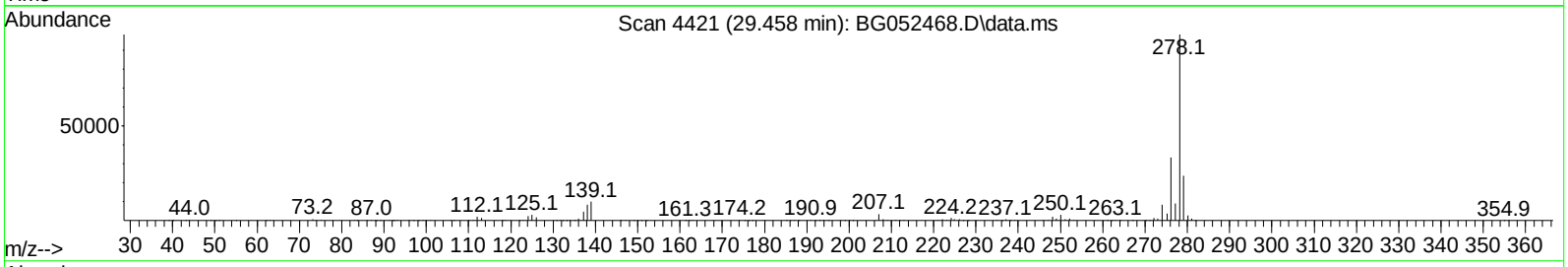

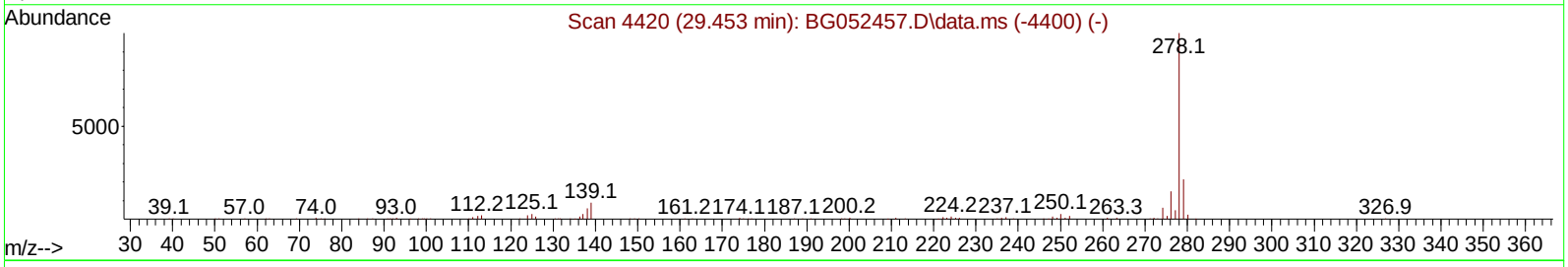

TIC: BG052468.D\data.ms

(95) Dibenzo(a,h)anthracene

29.458min (-0.001) 35.06 ng/ul m

response 445748

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.30	10.17#
279.00	24.40	24.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/24/2022
Supervised By :mohammad ahmed 02/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26041	20.000	ng/ul	0.00
20) Naphthalene-d8	11.060	136	112289	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.866	164	82629	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	198167	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.933	240	192063	20.000	ng/ul	# 0.00
88) Perylene-d12	25.393	264	199669	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	4039	6.084	ng/uL	0.00
4) Pyridine-d5	3.975	84	57344	28.633	ng/ul	0.00
7) Phenol-d5	7.370	99	80143	32.456	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	46846	32.463	ng/ul	0.00
11) 2-Chlorophenol-d4	7.752	132	56802	32.751	ng/ul	0.00
15) 4-Methylphenol-d8	8.933	113	63026	32.804	ng/ul	0.00
21) Nitrobenzene-d5	9.397	128	30467	31.827	ng/ul	0.00
24) 2-Nitrophenol-d4	10.126	143	33888	32.320	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	65850	33.678	ng/ul	0.00
31) 4-Chloroaniline-d4	11.183	131	79339	29.280	ng/ul	0.00
46) Dimethylphthalate-d6	14.255	166	225372	33.552	ng/ul	0.00
49) Acenaphthylene-d8	14.561	160	269719	32.527	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	35771	33.499	ng/ul	0.00
60) Fluorene-d10	15.859	176	195979	33.212	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.971	200	43170	34.357	ng/ul	0.00
73) Anthracene-d10	17.715	188	327042	34.161	ng/ul	0.00
81) Pyrene-d10	19.995	212	402723	35.834	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.158	264	375888	35.090	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	9657	12.504	ng/uL#	90
5) Pyridine	3.993	79	59312	29.334	ng/ul	97
6) Benzaldehyde	7.341	77	45931	32.755	ng/ul	92
8) Phenol	7.394	94	80908	32.396	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.623	93	59876	32.413	ng/ul	90
12) 2-Chlorophenol	7.782	128	60519	33.493	ng/ul	95
13) 2-Methylphenol	8.663	108	61015	32.274	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.745	45	82062	32.458	ng/ul	97
16) Acetophenone	9.051	105	97290	32.867	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.027	70	56877	32.638	ng/ul	98
18) 4-Methylphenol	8.992	108	65477	32.567	ng/ul	92
19) Hexachloroethane	9.327	117	23798	33.685	ng/ul#	81
22) Nitrobenzene	9.438	77	81678	33.284	ng/ul	92
23) Isophorone	9.961	82	159515	33.695	ng/ul	97
25) 2-Nitrophenol	10.161	139	38640	35.068	ng/ul	89
26) 2,4-Dimethylphenol	10.208	107	73220	32.308	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.443	93	85034	33.187	ng/ul	98
29) 2,4-Dichlorophenol	10.707	162	62141	33.594	ng/ul	98
30) Naphthalene	11.112	128	203636	32.597	ng/ul	97
32) 4-Chloroaniline	11.212	127	76784	27.623	ng/ul	95
33) Hexachlorobutadiene	11.400	225	46276	31.705	ng/ul	94
34) Caprolactam	11.958	113	24102m	35.025	ng/ul	
35) 4-Chloro-3-methylphenol	12.328	107	71776	34.742	ng/ul	88

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/24/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.704	142	142093	31.743	ng/ul	98
37) 1-Methylnaphthalene	12.922	142	147497	32.378	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.075	216	92493	31.896	ng/ul	98
40) Hexachlorocyclopentadiene	13.051	237	41799	29.776	ng/ul	98
41) 2,4,6-Trichlorophenol	13.310	196	58931	33.886	ng/ul	96
42) 2,4,5-Trichlorophenol	13.386	196	61605	33.234	ng/ul	99
43) 1,1'-Biphenyl	13.703	154	208631	31.755	ng/ul#	94
44) 2-Chloronaphthalene	13.750	162	161498	32.322	ng/ul	96
45) 2-Nitroaniline	13.944	65	55392	33.943	ng/ul#	89
47) Dimethylphthalate	14.302	163	219701	33.460	ng/ul	99
48) 2,6-Dinitrotoluene	14.432	165	49355	34.324	ng/ul	91
50) Acenaphthylene	14.590	152	266311	32.138	ng/ul	97
51) 3-Nitroaniline	14.760	138	45518	38.871	ng/ul	99
52) Acenaphthene	14.931	153	176102	32.314	ng/ul	95
53) 2,4-Dinitrophenol	14.972	184	24501	34.459	ng/ul#	86
55) 4-Nitrophenol	15.072	109	34276	33.097	ng/ul	90
56) Dibenzofuran	15.266	168	253683	32.382	ng/ul	98
57) 2,4-Dinitrotoluene	15.219	165	70292	33.748	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.489	232	56829	33.826	ng/ul#	89
59) Diethylphthalate	15.665	149	224410	33.809	ng/ul	95
61) Fluorene	15.912	166	214653	32.573	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.894	204	118830	33.133	ng/ul	96
63) 4-Nitroaniline	15.924	138	49160	43.724	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.988	198	42784	35.133	ng/ul#	88
67) N-Nitrosodiphenylamine	16.112	169	190873	34.186	ng/ul	94
68) 4-Bromophenyl-phenylether	16.793	248	81863	34.418	ng/ul#	87
69) Hexachlorobenzene	16.928	284	92462	33.880	ng/ul#	87
70) Atrazine	17.052	200	75664	30.749	ng/ul	97
71) Pentachlorophenol	17.269	266	40754	33.155	ng/ul	96
72) Phenanthrene	17.657	178	365510	34.246	ng/ul	98
74) Anthracene	17.751	178	361979	33.697	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.674	216	97317	31.044	ng/uL	98
76) Pentachlorobenzene	15.189	250	101277	33.840	ng/uL	98
77) Carbazole	18.015	167	338012	35.427	ng/ul	99
78) Di-n-butylphthalate	18.555	149	397545	35.035	ng/ul	100
80) Fluoranthene	19.666	202	477859	36.014	ng/ul#	91
82) Pyrene	20.024	202	463625	35.187	ng/ul#	89
83) Butylbenzylphthalate	20.893	149	170705	35.838	ng/ul#	87
84) 3,3'-Dichlorobenzidine	21.810	252	161175	37.989	ng/ul#	95
85) Benzo(a)anthracene	21.910	228	457691	35.169	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.786	149	238930	35.785	ng/ul#	98
87) Chrysene	21.980	228	436785	35.008	ng/ul	98
89) Di-n-octyl phthalate	23.079	149	403404	34.939	ng/ul	100
90) Benzo(b)fluoranthene	24.289	252	481686	34.601	ng/ul#	95
91) Benzo(k)fluoranthene	24.359	252	447554	34.855	ng/ul#	95
93) Benzo(a)pyrene	25.229	252	449923	34.356	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.394	276	523506	35.154	ng/ul#	94
95) Dibenzo(a,h)anthracene	29.458	278	445748m	35.064	ng/ul	
96) Benzo(g,h,i)perylene	30.645	276	438458	35.067	ng/ul#	90

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

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