Quantitation Report (Qedit)

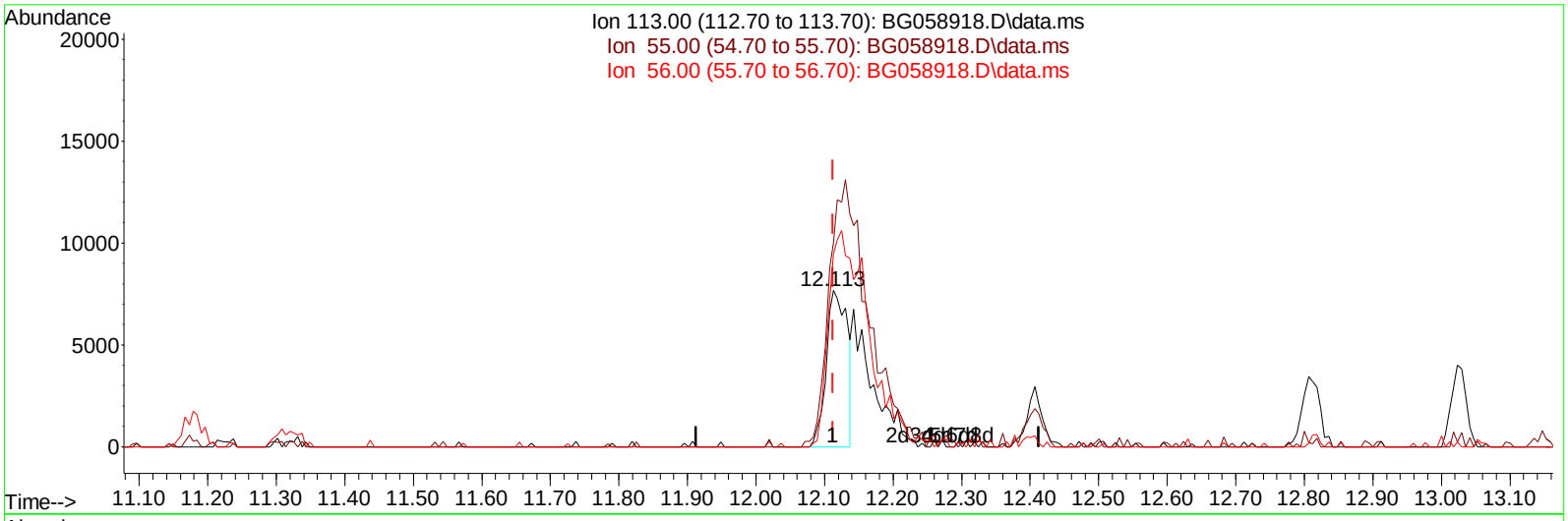
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058918.D
Acq On : 8 Sep 2023 12:44
Operator : MA/JU
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

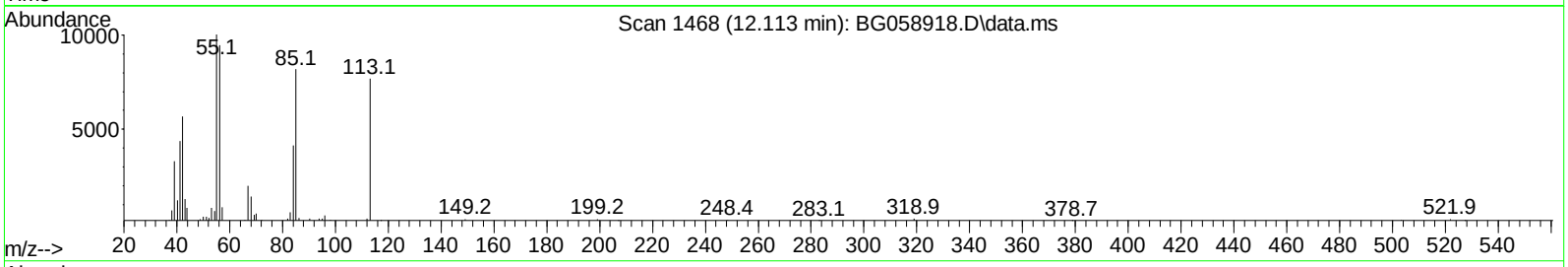
Quant Time: Sep 08 23:19:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 22:56:23 2023
Response via : Initial Calibration

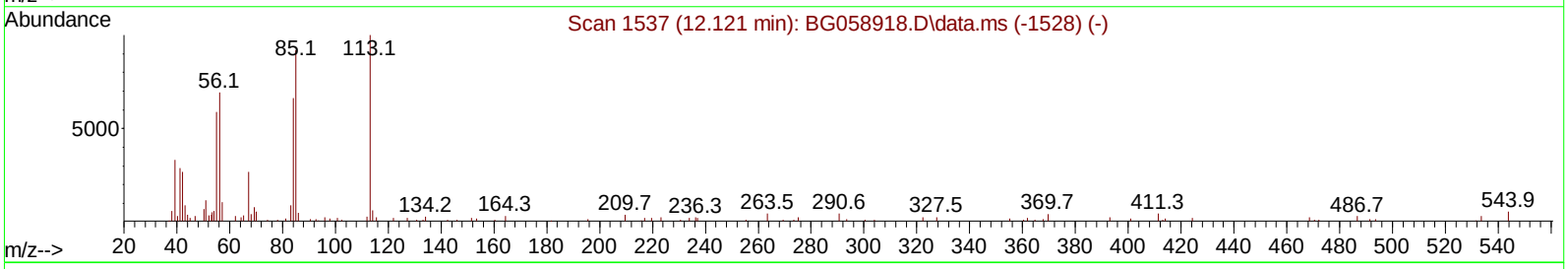
Instrument :
BNA_G
ClientSampleId :
SSTD020402

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023







TIC: BG058918.D\data.ms

(34) Caprolactam

12.113min (0.000) 11.62 ng/ul

response 16276

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	130.70	130.71
56.00	123.50	123.49
0.00	0.00	0.00

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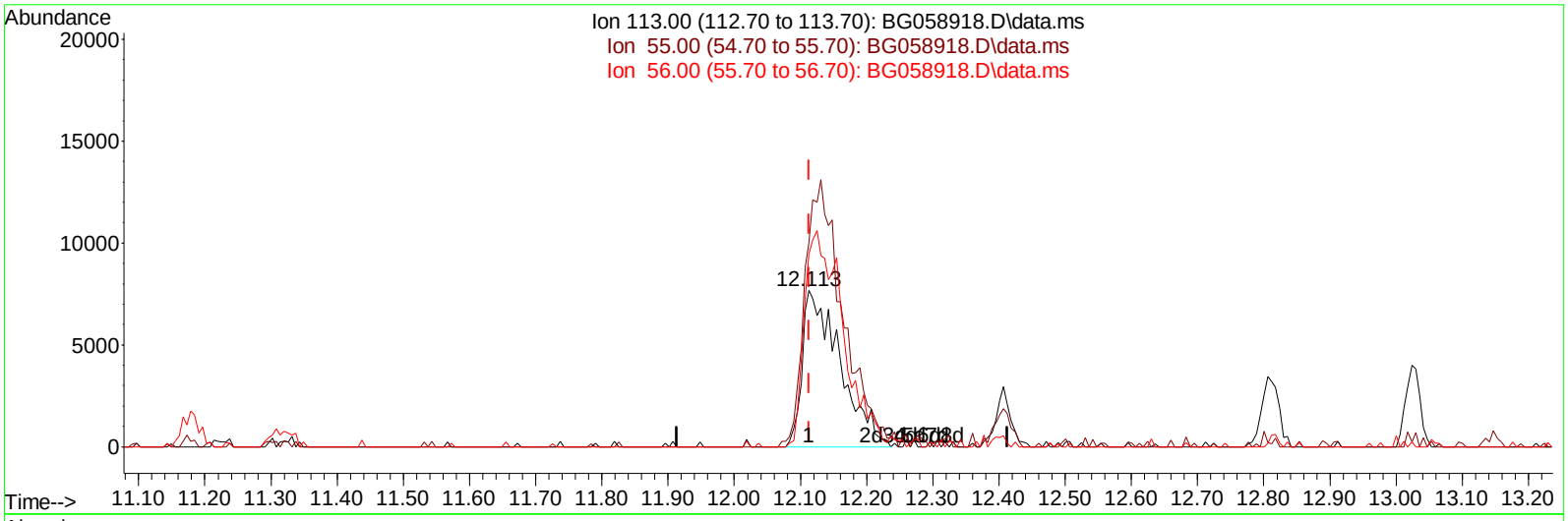

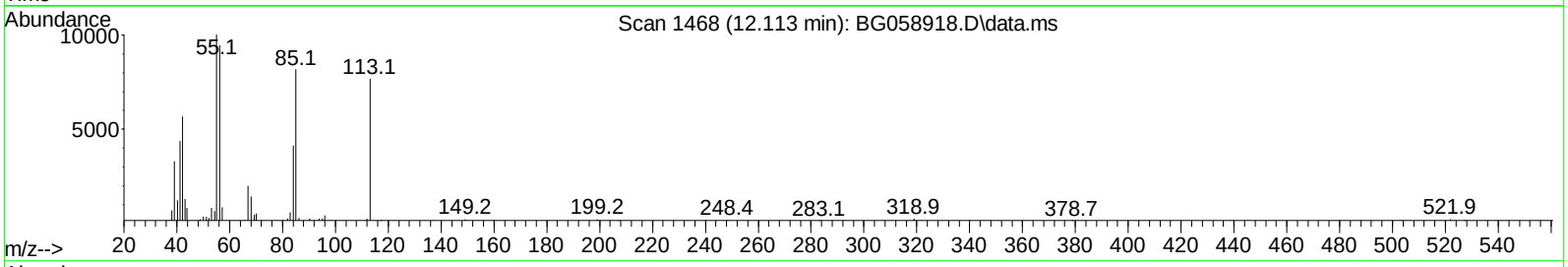

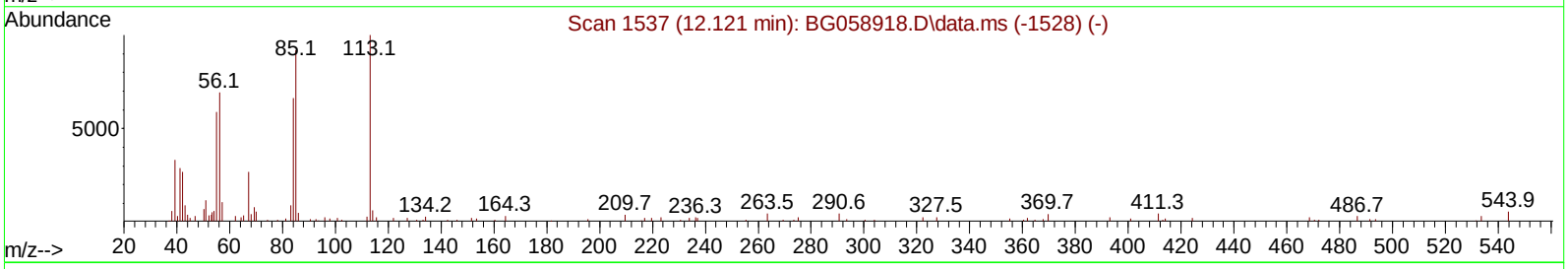

TIC: BG058918.D\data.ms

(34) Caprolactam

12.113min (0.000) 21.66 ng/ul m

response 30347

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	130.70	130.71
56.00	123.50	123.49
0.00	0.00	0.00

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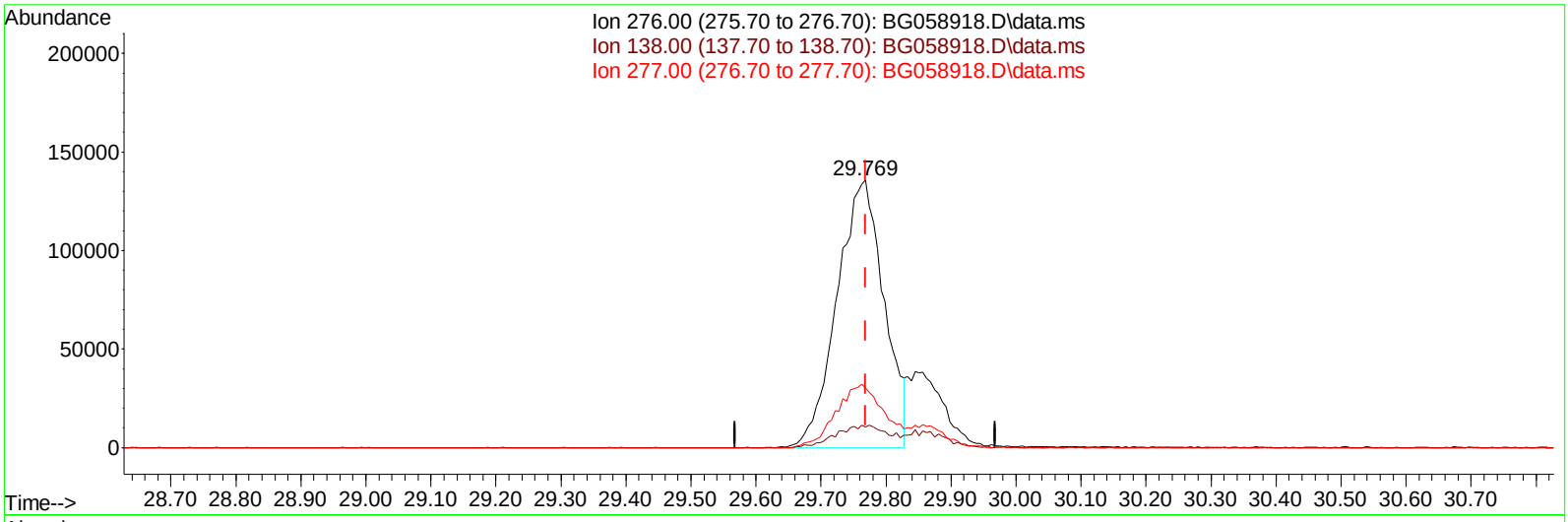

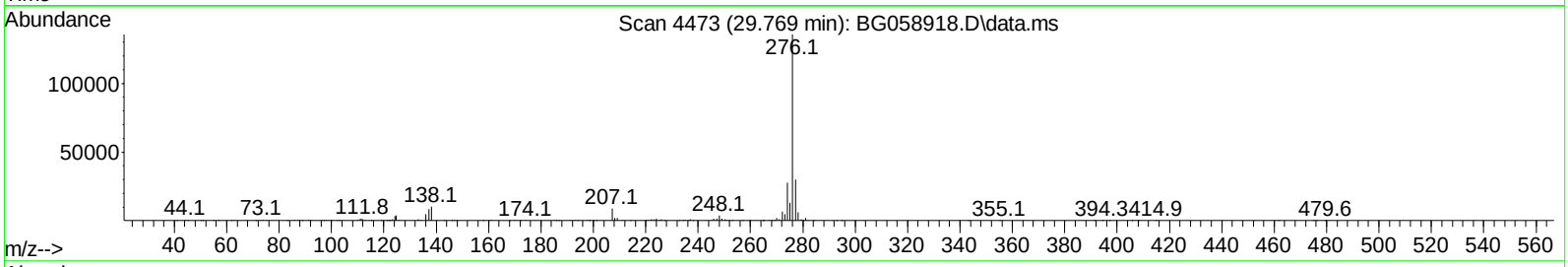

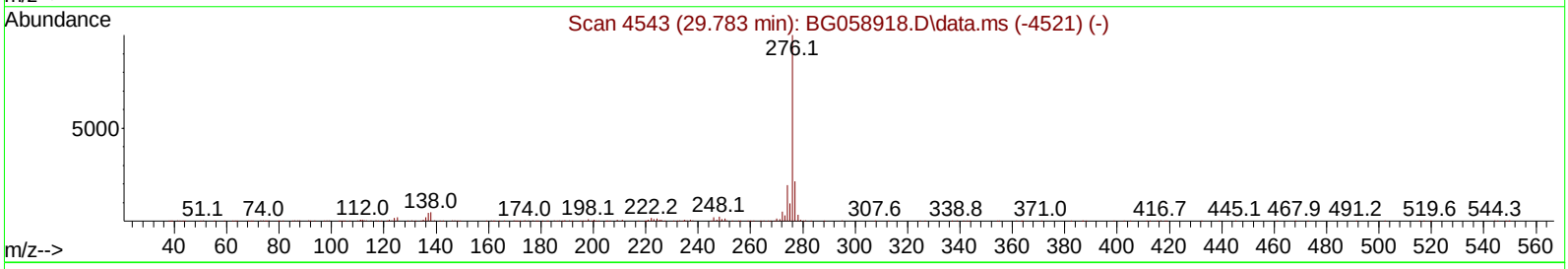

TIC: BG058918.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.769min (0.000) 17.23 ng/ul

response 680211

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.70	7.68
277.00	22.20	22.22
0.00	0.00	0.00

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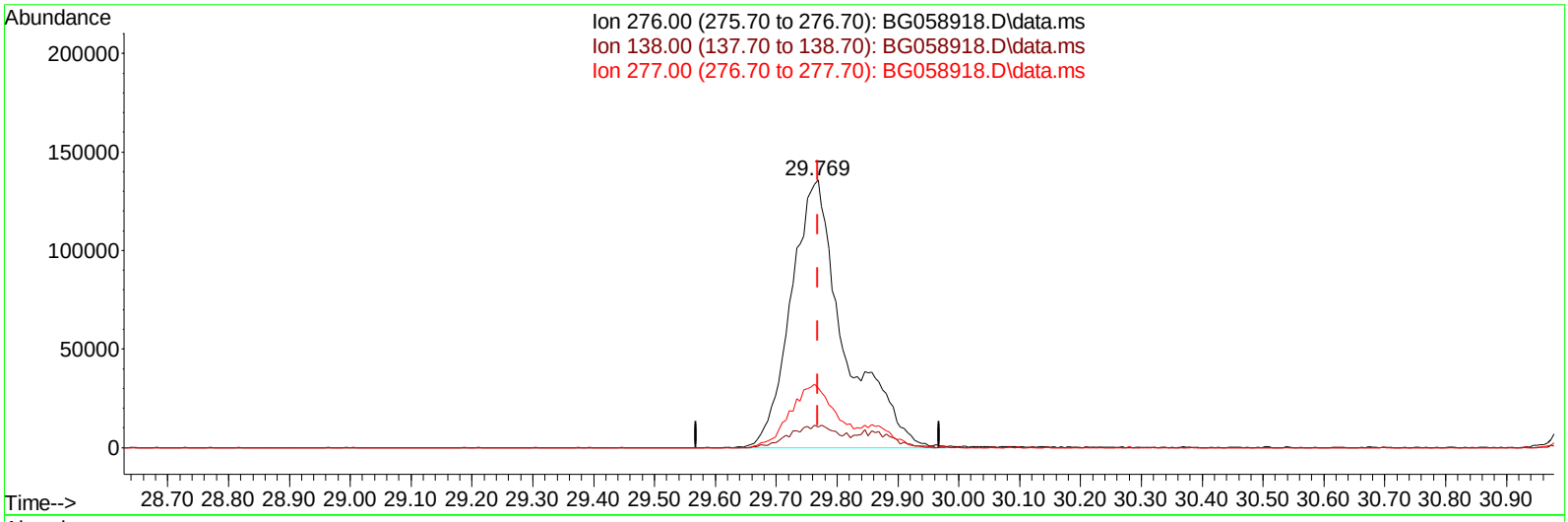

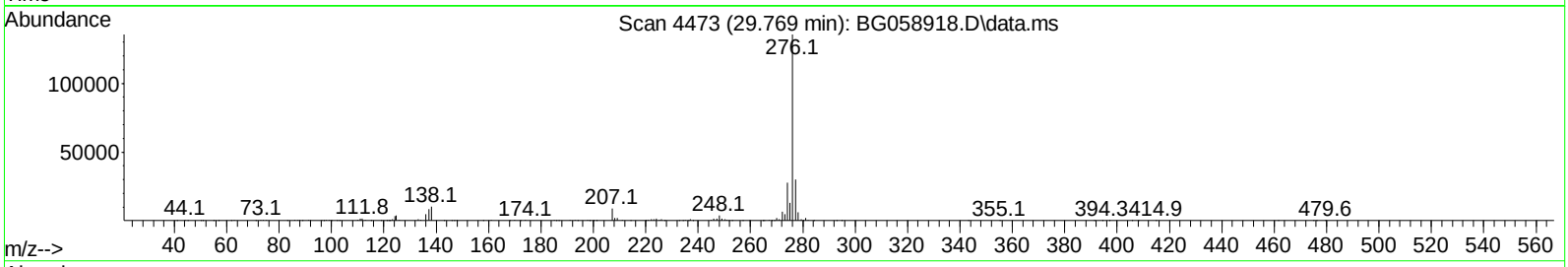

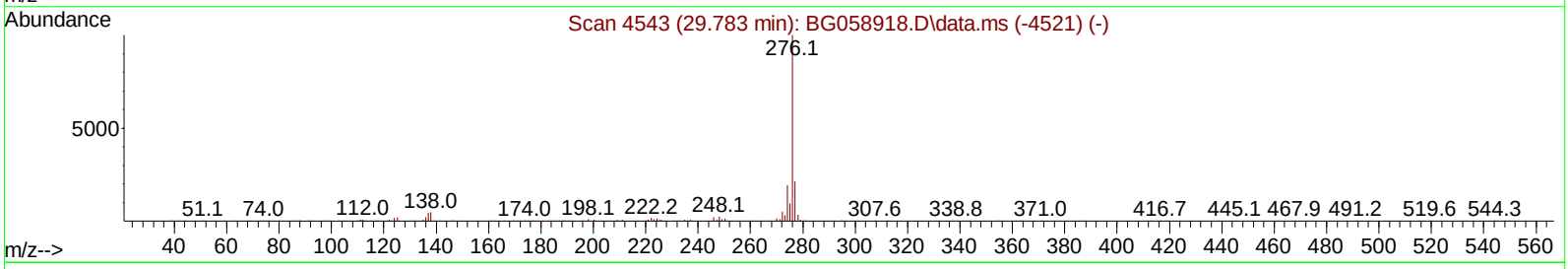

TIC: BG058918.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.769min (0.000) 20.94 ng/ul m

response 827082

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.70	7.68
277.00	22.20	22.22
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	8.335	152	51704	20.000	ng/ul	0.00
20) Naphthalene-d8	11.179	136	232840	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.963	164	220698	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.712	188	584046	20.000	ng/ul	0.00
79) Chrysene-d12	22.037	240	482998	20.000	ng/ul	0.00
88) Perylene-d12	25.615	264	561891	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.646	96	9114	8.486	ng/uL	0.00
4) Pyridine-d5	4.075	84	78289	21.152	ng/ul	0.00
7) Phenol-d5	7.442	99	108589	21.175	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.654	67	62851	21.665	ng/ul	0.00
11) 2-Chlorophenol-d4	7.847	132	66640	21.785	ng/ul	0.00
15) 4-Methylphenol-d8	9.017	113	85145	21.423	ng/ul	0.00
21) Nitrobenzene-d5	9.534	128	29268	21.340	ng/ul	0.00
24) 2-Nitrophenol-d4	10.250	143	29606	19.706	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.773	165	95836	21.987	ng/ul	0.00
31) 4-Chloroaniline-d4	11.320	131	118993	21.282	ng/ul	0.00
46) Dimethylphthalate-d6	14.357	166	360031	21.133	ng/ul	0.00
49) Acenaphthylene-d8	14.663	160	395818	21.495	ng/ul	0.00
54) 4-Nitrophenol-d4	15.121	143	47774	21.225	ng/ul	0.00
60) Fluorene-d10	15.950	176	336407	20.951	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.050	200	49514	18.621	ng/ul	0.00
73) Anthracene-d10	17.812	188	571102	21.494	ng/ul	0.00
81) Pyrene-d10	20.080	212	594503	21.224	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.362	264	592285	21.398	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.682	88	10769	7.957	ng/uL	100
5) Pyridine	4.099	79	83608	21.202	ng/ul	100
6) Benzaldehyde	7.477	77	75627	25.019	ng/ul	100
8) Phenol	7.471	94	114257	21.365	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.748	93	84969	21.423	ng/ul	100
12) 2-Chlorophenol	7.883	128	67647	21.933	ng/ul	100
13) 2-Methylphenol	8.746	108	86914	21.705	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.840	45	99528	21.804	ng/ul	100
16) Acetophenone	9.175	105	150461	21.231	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.146	70	82727	22.319	ng/ul	100
18) 4-Methylphenol	9.075	108	97268	22.200	ng/ul	100
19) Hexachloroethane	9.422	117	27615	21.937	ng/ul	100
22) Nitrobenzene	9.575	77	100827	21.495	ng/ul	100
23) Isophorone	10.080	82	253911	21.696	ng/ul	100
25) 2-Nitrophenol	10.286	139	34945	21.563	ng/ul	100
26) 2,4-Dimethylphenol	10.303	107	104580	20.756	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.568	93	131089	21.630	ng/ul	100
29) 2,4-Dichlorophenol	10.803	162	92448	22.376	ng/ul	100
30) Naphthalene	11.232	128	268702	21.363	ng/ul	100
32) 4-Chloroaniline	11.343	127	115885	21.852	ng/ul	100
33) Hexachlorobutadiene	11.461	225	89843	22.204	ng/ul	100
34) Caprolactam	12.113	113	30347m	21.659	ng/ul	
35) 4-Chloro-3-methylphenol	12.407	107	109843	22.628	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.812	142	203925	21.416	ng/ul	100
37)	1-Methylnaphthalene	13.024	142	203869	20.933	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	13.147	216	177097	21.506	ng/ul	100
40)	Hexachlorocyclopentadiene	13.106	237	99896	16.855	ng/ul	100
41)	2,4,6-Trichlorophenol	13.388	196	101776	21.268	ng/ul	100
42)	2,4,5-Trichlorophenol	13.453	196	105794	20.584	ng/ul	100
43)	1,1'-Biphenyl	13.799	154	312452	20.807	ng/ul	100
44)	2-Chloronaphthalene	13.852	162	253737	21.186	ng/ul	100
45)	2-Nitroaniline	14.064	65	53945	20.371	ng/ul	100
47)	Dimethylphthalate	14.404	163	373332	21.553	ng/ul	100
48)	2,6-Dinitrotoluene	14.545	165	50053	20.359	ng/ul	100
50)	Acenaphthylene	14.692	152	438868	21.357	ng/ul	100
51)	3-Nitroaniline	14.874	138	48188	19.451	ng/ul	100
52)	Acenaphthene	15.027	153	283528	21.191	ng/ul	100
53)	2,4-Dinitrophenol	15.068	184	34348	16.516	ng/ul	100
55)	4-Nitrophenol	15.139	109	53887	19.141	ng/ul	100
56)	Dibenzofuran	15.356	168	423898	21.223	ng/ul	100
57)	2,4-Dinitrotoluene	15.315	165	70771	19.955	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.562	232	113385	20.916	ng/ul	100
59)	Diethylphthalate	15.750	149	325822	20.929	ng/ul	100
61)	Fluorene	16.003	166	357703	21.095	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.991	204	215034	21.139	ng/ul	100
63)	4-Nitroaniline	16.038	138	50263	21.415	ng/ul	100
66)	4,6-Dinitro-2-methylph...	16.061	198	54633	19.571	ng/ul	100
67)	N-Nitrosodiphenylamine	16.202	169	309633	21.557	ng/ul	100
68)	4-Bromophenyl-phenylether	16.890	248	151824	21.408	ng/ul	100
69)	Hexachlorobenzene	16.972	284	176109	21.519	ng/ul	100
70)	Atrazine	17.142	200	125873	21.828	ng/ul	100
71)	Pentachlorophenol	17.325	266	103040	20.500	ng/ul	100
72)	Phenanthrene	17.753	178	608140	21.452	ng/ul	100
74)	Anthracene	17.847	178	623244	21.529	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.752	216	184753	21.784	ng/uL	100
76)	Pentachlorobenzene	15.251	250	188526	22.057	ng/uL	100
77)	Carbazole	18.118	167	479786	21.836	ng/ul	100
78)	Di-n-butylphthalate	18.635	149	413848	20.952	ng/ul	100
80)	Fluoranthene	19.739	202	721273	21.187	ng/ul	100
82)	Pyrene	20.110	202	721845	21.169	ng/ul	100
83)	Butylbenzylphthalate	20.979	149	128673	21.763	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.925	252	243710	23.101	ng/ul	100
85)	Benzo(a)anthracene	22.013	228	707697	21.521	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.872	149	202185	21.921	ng/ul	100
87)	Chrysene	22.090	228	662713	21.513	ng/ul	100
89)	Di-n-octyl phthalate	23.224	149	353838	20.164	ng/ul	100
90)	Benzo(b)fluoranthene	24.457	252	739244	21.847	ng/ul	100
91)	Benzo(k)fluoranthene	24.540	252	738072	21.678	ng/ul	100
93)	Benzo(a)pyrene	25.439	252	660283	20.854	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	29.769	276	827082m	20.945	ng/ul	
95)	Dibenzo(a,h)anthracene	29.857	278	668022	20.812	ng/ul	100
96)	Benzo(g,h,i)perylene	31.073	276	656752	20.921	ng/ul	100

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

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