Quantitation Report (Qedit)

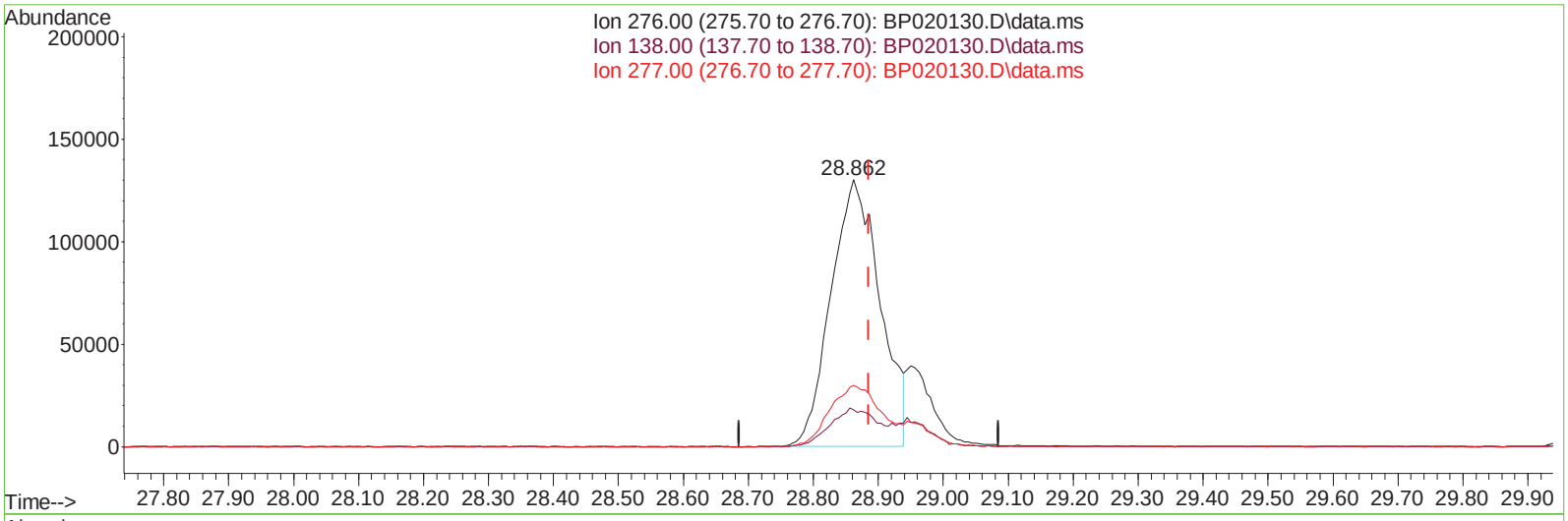
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043024\
Data File : BP020130.D
Acq On : 30 Apr 2024 22:32
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

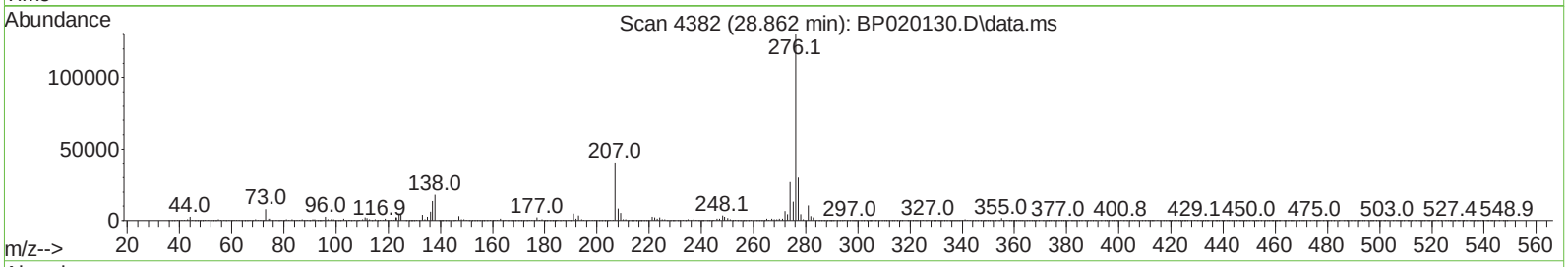
Quant Time: May 01 02:11:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 01 00:58:38 2024
Response via : Initial Calibration

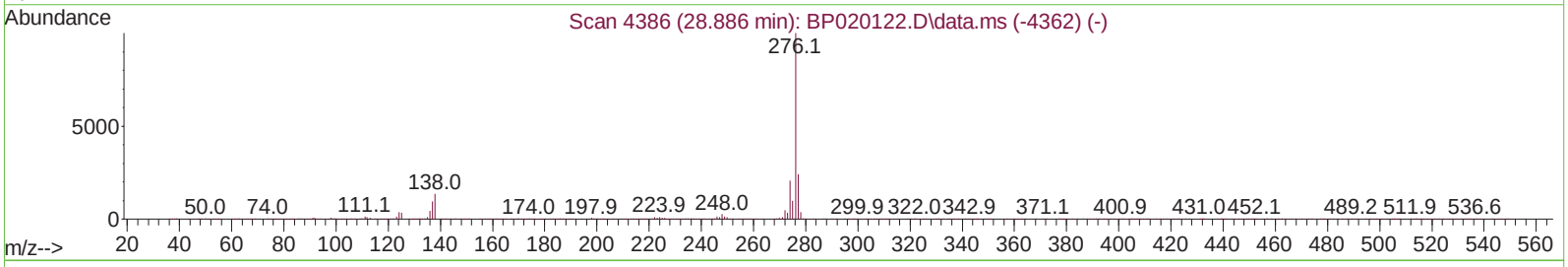
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024







TIC: BP020130.D\data.ms

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

28.862min (-0.023) 15.43 ng/ul

response 685169

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.40	13.79
277.00	24.50	23.08
0.00	0.00	0.00

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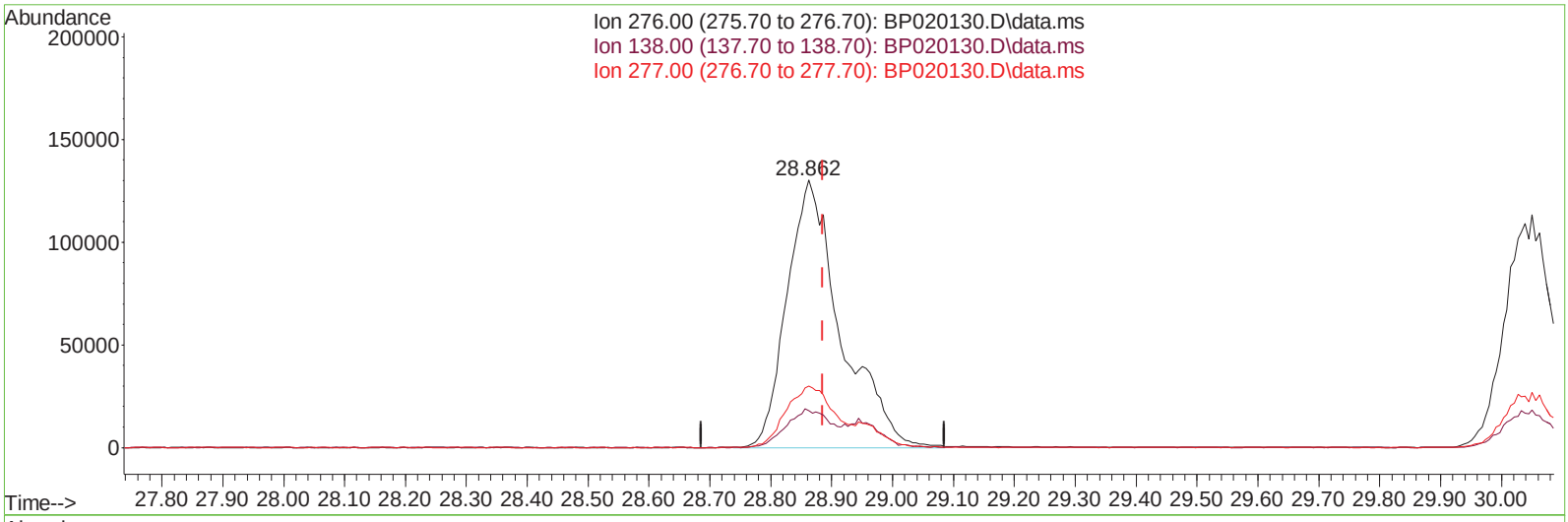

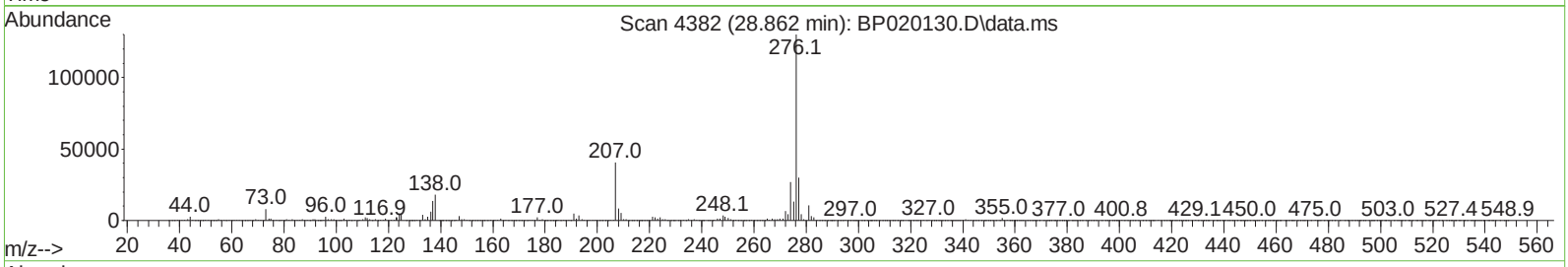

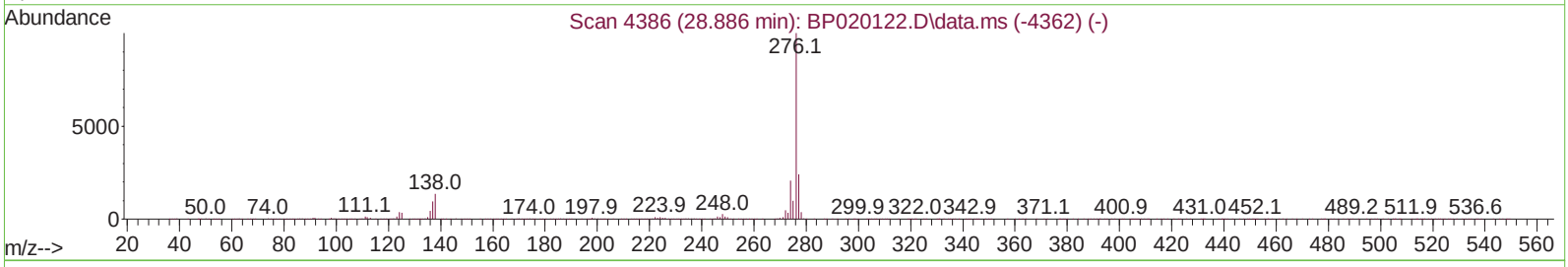

TIC: BP020130.D\data.ms

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

28.862min (-0.023) 17.99 ng/ul m

response 798821

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.40	13.79
277.00	24.50	23.08
0.00	0.00	0.00

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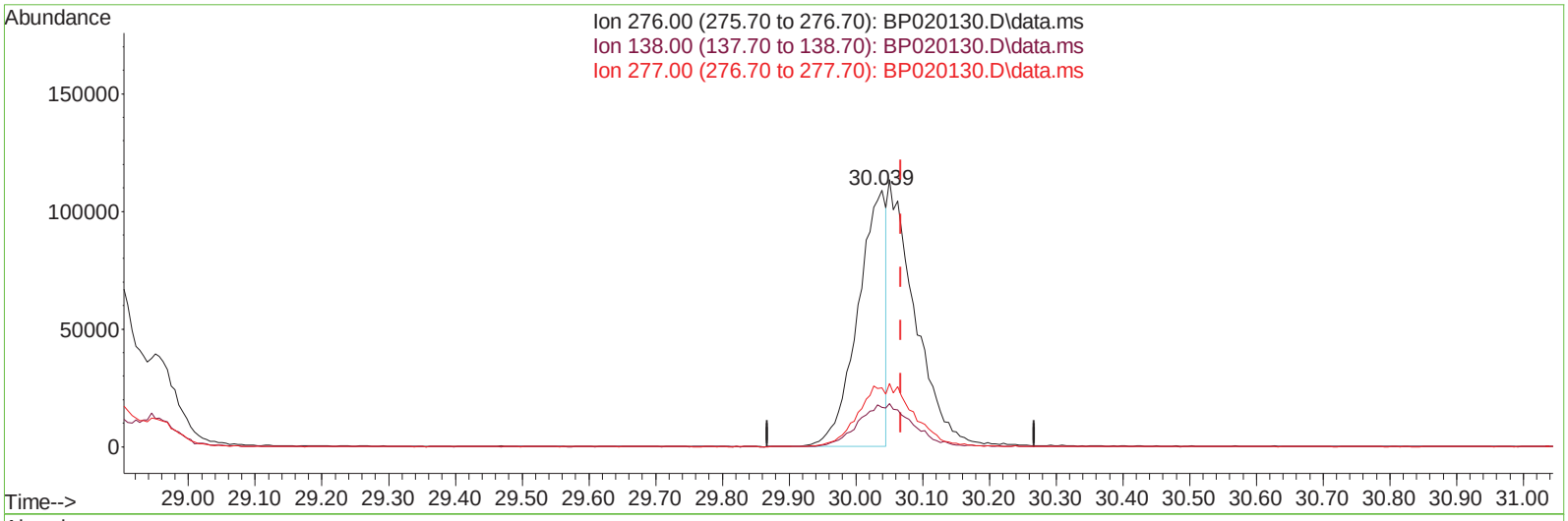

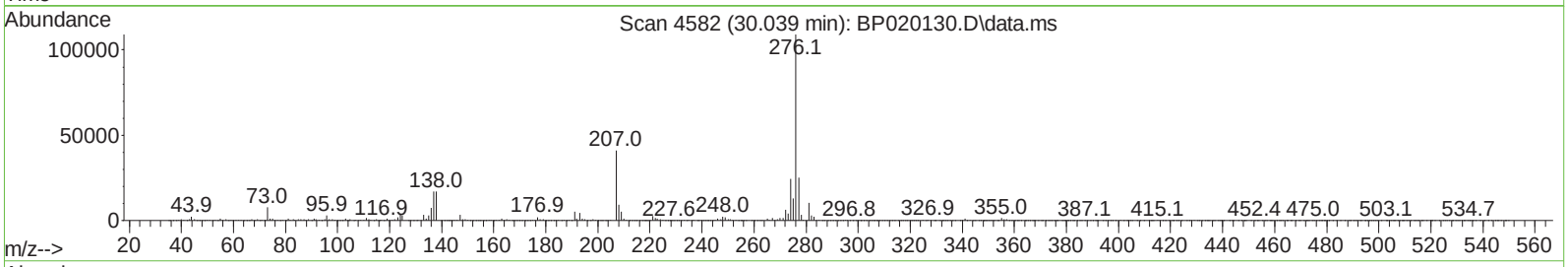

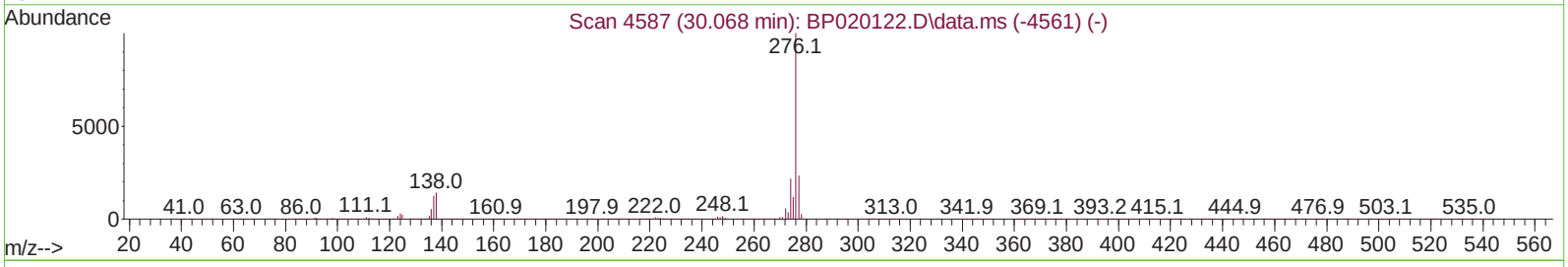

TIC: BP020130.D\data.ms

(96) Benzo(g,h,i)perylene

30.039min (-0.029) 8.94 ng/ul

response 319195

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.00	15.45
277.00	23.90	22.96
0.00	0.00	0.00

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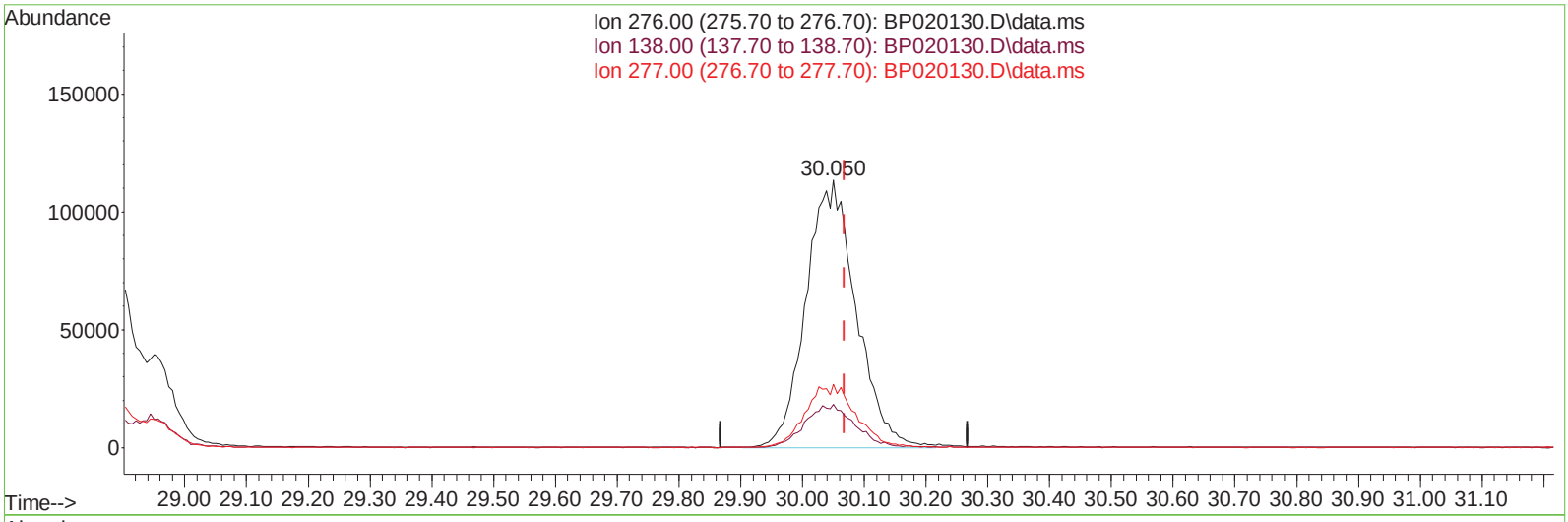

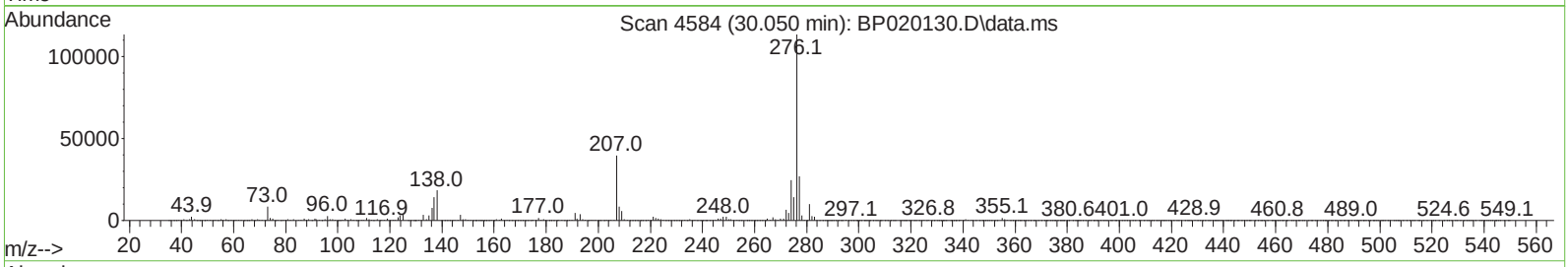

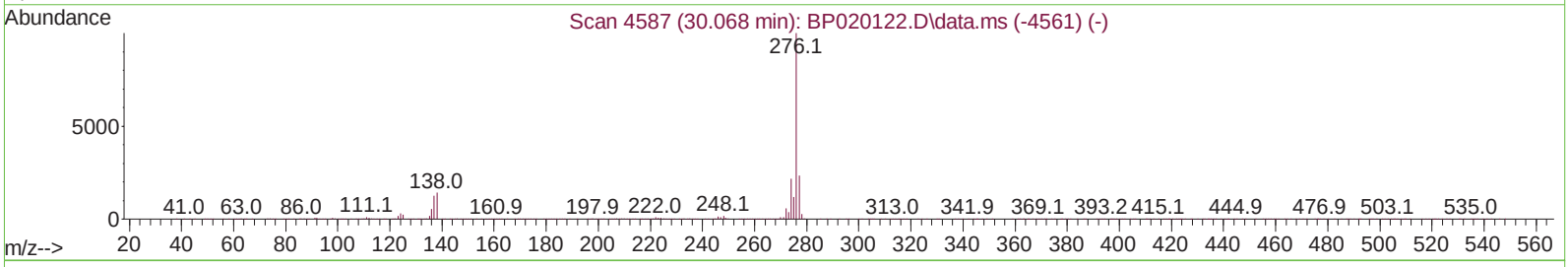

TIC: BP020130.D\data.ms

(96) Benzo(g,h,i)perylene

30.050min (-0.018) 17.86 ng/ul m

response 637897

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.00	16.14
277.00	23.90	23.61
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	127258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	559836	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	391142	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	783036	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	583739	20.000	ng/ul	-0.02
88) Perylene-d12	25.039	264	648047	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	20720	6.799	ng/uL	0.00
4) Pyridine-d5	3.622	84	147723	16.455	ng/ul	0.00
7) Phenol-d5	6.816	99	190953	17.695	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	129280	18.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	137705	18.176	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	155316	18.905	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	70698	16.444	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	83280	17.455	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	157533	17.545	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	201551	17.213	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	462711	16.563	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	542549	17.039	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	65242	14.367	ng/ul	0.00
60) Fluorene-d10	15.334	176	392692	16.160	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.492	200	77654	15.510	ng/ul	0.00
73) Anthracene-d10	17.257	188	585249	16.834	ng/ul	0.00
81) Pyrene-d10	19.657	212	610062	19.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.792	264	531683	16.815	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	23425	6.838	ng/uL#	93
5) Pyridine	3.640	79	154622	16.795	ng/ul	99
6) Benzaldehyde	6.805	77	137071	22.179	ng/ul	97
8) Phenol	6.840	94	200047	17.843	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.081	93	163903	18.540	ng/ul	99
12) 2-Chlorophenol	7.199	128	143100	17.998	ng/ul	100
13) 2-Methylphenol	8.075	108	152672	18.842	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.152	45	234671	19.265	ng/ul	99
16) Acetophenone	8.463	105	259734	19.038	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.440	70	155857	20.875	ng/ul#	97
18) 4-Methylphenol	8.405	108	162089	18.899	ng/ul	96
19) Hexachloroethane	8.681	117	69323	18.043	ng/ul	98
22) Nitrobenzene	8.834	77	223528	17.369	ng/ul	99
23) Isophorone	9.357	82	422121	18.430	ng/ul	99
25) 2-Nitrophenol	9.534	139	87419	17.348	ng/ul	97
26) 2,4-Dimethylphenol	9.593	107	188510	17.809	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.834	93	233714	17.898	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	153499	17.365	ng/ul	98
30) Naphthalene	10.457	128	491610	16.985	ng/ul	99
32) 4-Chloroaniline	10.587	127	201654	17.415	ng/ul	96
33) Hexachlorobutadiene	10.722	225	124594	16.878	ng/ul	96
34) Caprolactam	11.404	113	46622	15.649	ng/ul	98
35) 4-Chloro-3-methylphenol	11.722	107	182268	17.809	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	345124	17.806	ng/ul	99
37) 1-Methylnaphthalene	12.310	142	351271	18.035	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.463	216	217620	16.420	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	112726	16.095	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	134533	16.747	ng/ul	100
42) 2,4,5-Trichlorophenol	12.804	196	141254	16.370	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	466652	16.979	ng/ul	98
44) 2-Chloronaphthalene	13.163	162	377983	16.988	ng/ul	100
45) 2-Nitroaniline	13.398	65	128045	16.478	ng/ul	97
47) Dimethylphthalate	13.775	163	470302	16.495	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	95327	16.442	ng/ul	100
50) Acenaphthylene	14.028	152	602315	16.918	ng/ul	99
51) 3-Nitroaniline	14.251	138	90243	16.598	ng/ul	92
52) Acenaphthene	14.375	153	392526	16.821	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	48652	13.219	ng/ul#	90
55) 4-Nitrophenol	14.581	109	65170	13.565	ng/ul	99
56) Dibenzofuran	14.722	168	552468	16.719	ng/ul	99
57) 2,4-Dinitrotoluene	14.722	165	131057	15.426	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.963	232	126280	15.896	ng/ul#	98
59) Diethylphthalate	15.175	149	460130	16.004	ng/ul	98
61) Fluorene	15.392	166	448554	16.347	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	244753	16.324	ng/ul	99
63) 4-Nitroaniline	15.451	138	75121	15.438	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.504	198	80534	15.215	ng/ul	98
67) N-Nitrosodiphenylamine	15.622	169	372829	18.308	ng/ul	100
68) 4-Bromophenyl-phenylether	16.316	248	153335	18.159	ng/ul	95
69) Hexachlorobenzene	16.422	284	167685	19.612	ng/ul	98
70) Atrazine	16.622	200	131947	16.044	ng/ul	100
71) Pentachlorophenol	16.792	266	93806	15.363	ng/ul	98
72) Phenanthrene	17.198	178	675346	16.868	ng/ul	99
74) Anthracene	17.286	178	682050	16.513	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.081	216	220022	19.121	ng/uL	99
76) Pentachlorobenzene	14.634	250	209455	18.627	ng/uL	98
77) Carbazole	17.586	167	559136	15.255	ng/ul	100
78) Di-n-butylphthalate	18.180	149	670281	14.930	ng/ul	99
80) Fluoranthene	19.310	202	729527	20.272	ng/ul	100
82) Pyrene	19.686	202	742225	19.653	ng/ul	98
83) Butylbenzylphthalate	20.657	149	258479	16.967	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.557	252	229041	16.775	ng/ul	98
85) Benzo(a)anthracene	21.627	228	697162	17.205	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.580	149	357585	16.046	ng/ul	97
87) Chrysene	21.698	228	638940	16.991	ng/ul	98
89) Di-n-octyl phthalate	22.874	149	598104	15.434	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	650680	16.940	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	649105	16.711	ng/ul	100
93) Benzo(a)pyrene	24.862	252	622196	16.890	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.862	276	798821m	17.987	ng/ul	
95) Dibenzo(a,h)anthracene	28.956	278	650297	17.739	ng/ul	98
96) Benzo(g,h,i)perylene	30.050	276	637897m	17.863	ng/ul	

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

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