Quantitation Report (Qedit)

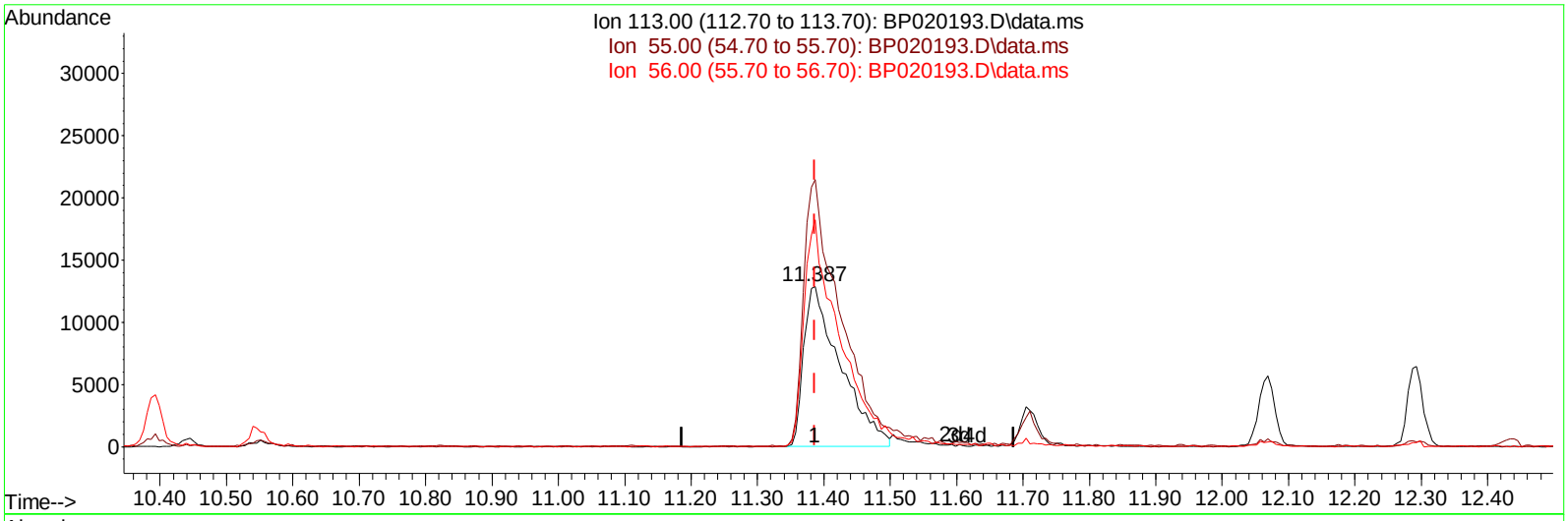
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020193.D
Acq On : 04 May 2024 04:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

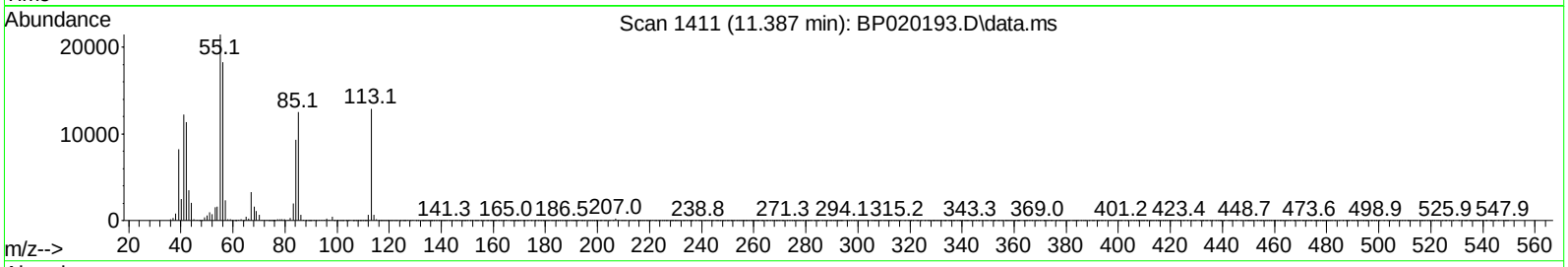
Quant Time: May 04 04:35:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

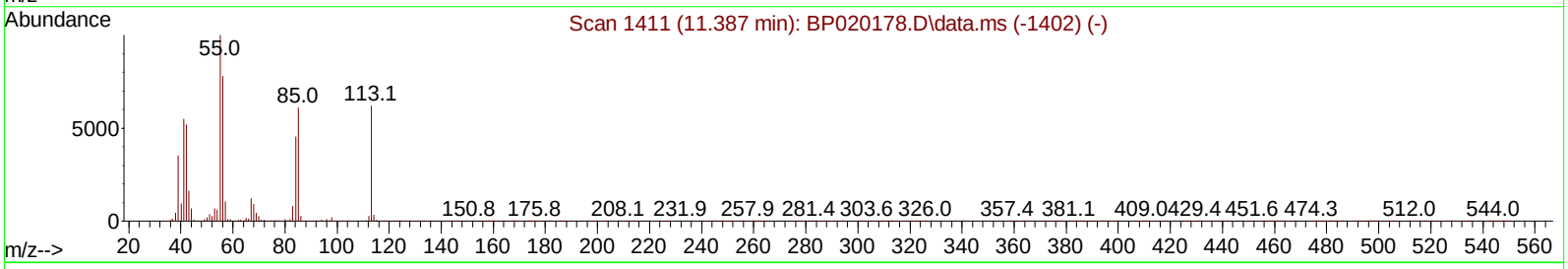
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024







TIC: BP020193.D\data.ms

(34) Caprolactam

11.387min (+ 0.000) 19.67 ng/ul

response 49595

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	166.33
56.00	131.80	141.40
0.00	0.00	0.00

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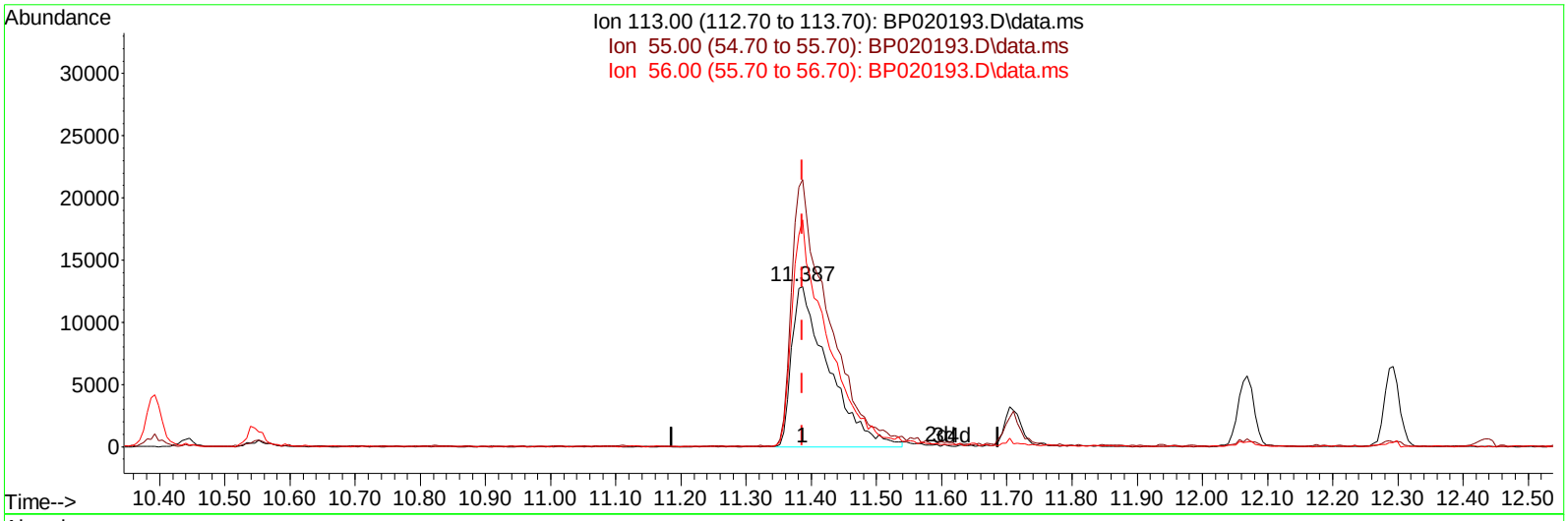

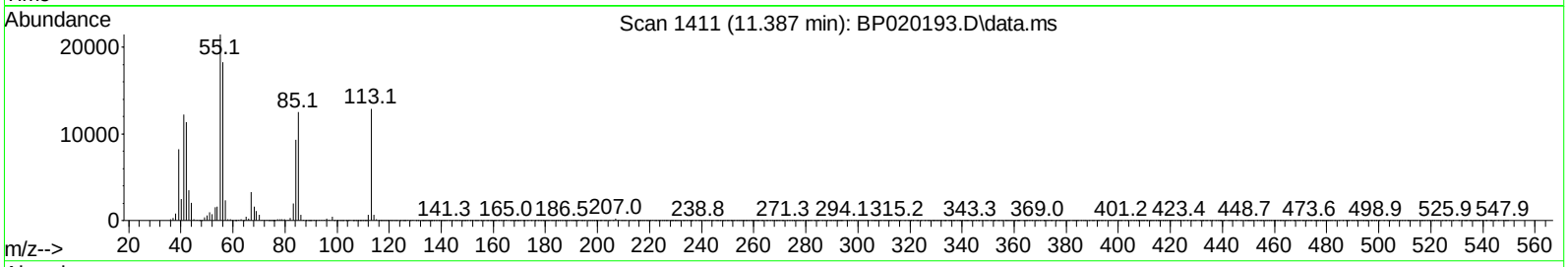

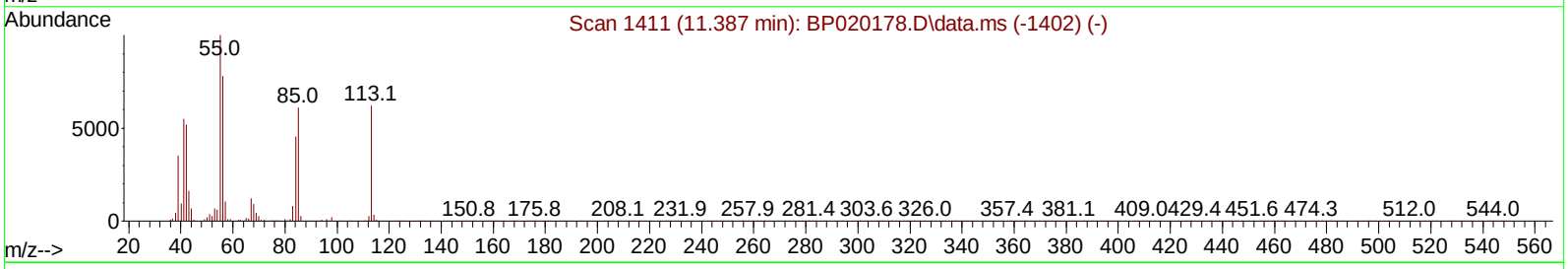

TIC: BP020193.D\data.ms

(34) Caprolactam

11.387min (+ 0.000) 20.25 ng/ul m

response 51047

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	166.33
56.00	131.80	141.40
0.00	0.00	0.00

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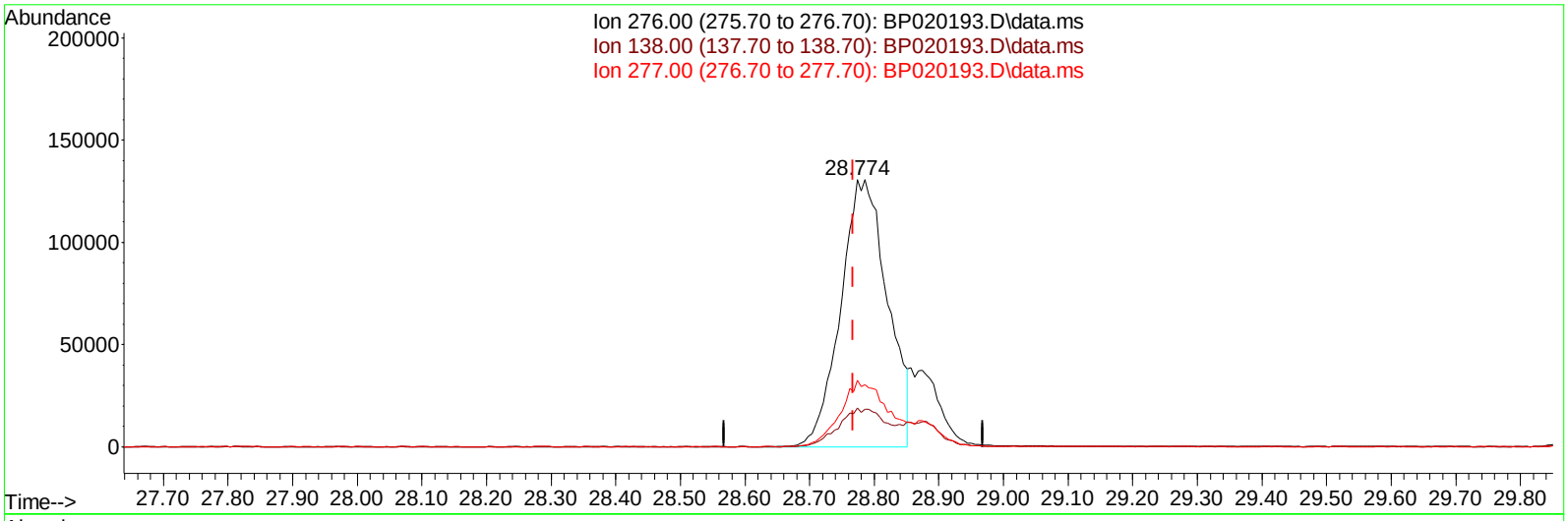

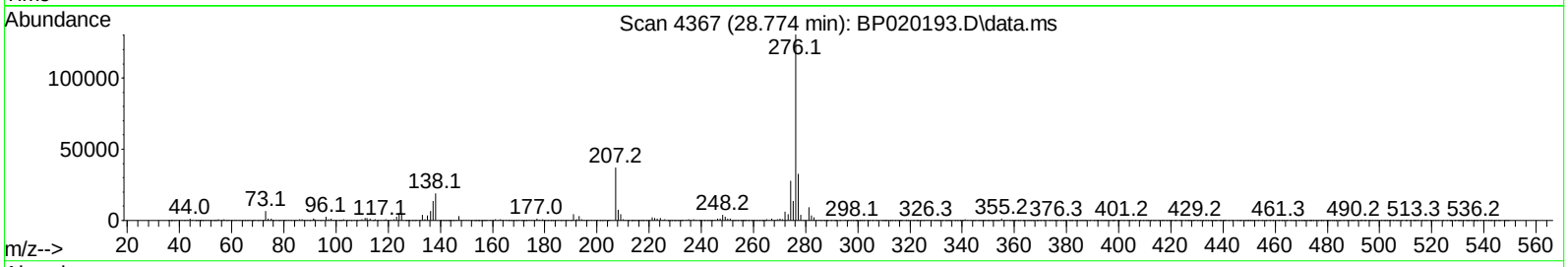

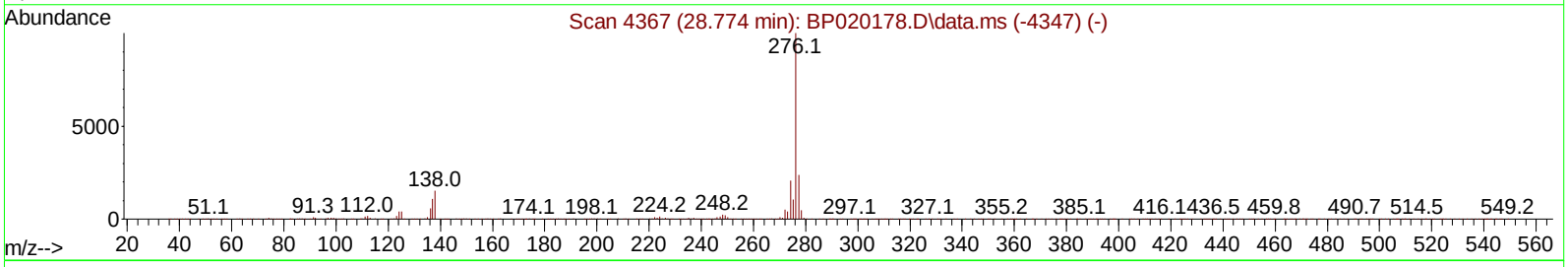

TIC: BP020193.D\data.ms

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

28.774min (+ 0.006) 15.24 ng/ul

response 658257

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.62
277.00	23.70	24.93
0.00	0.00	0.00

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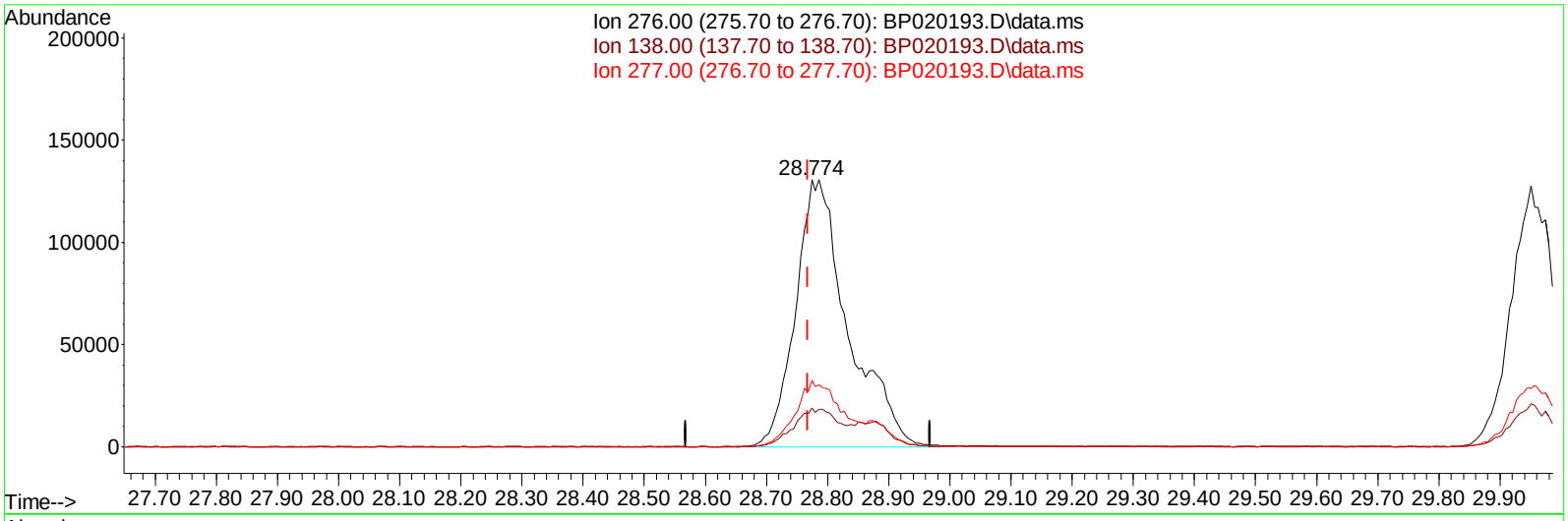

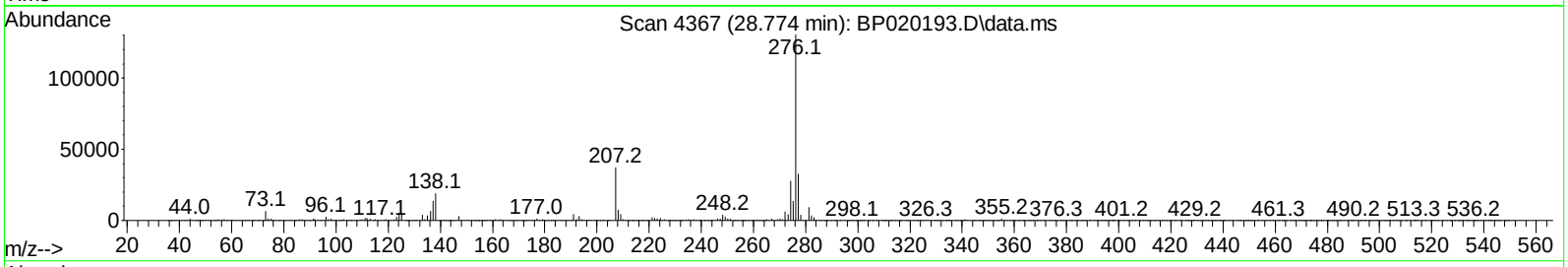

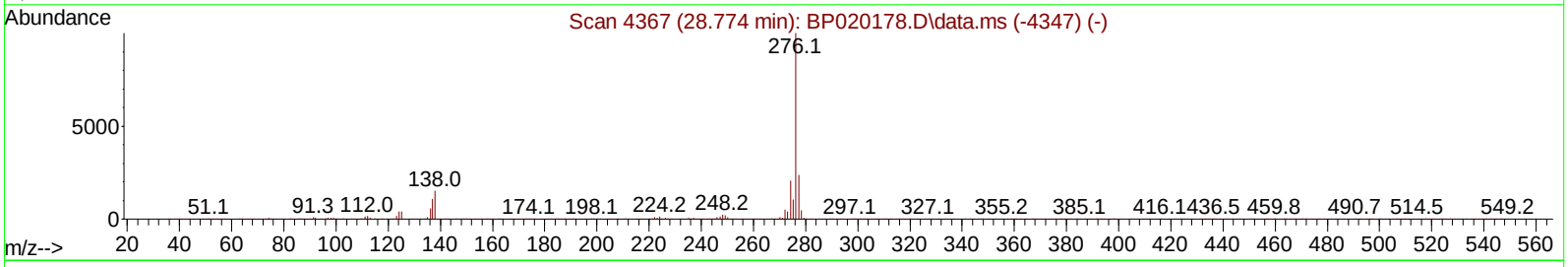

TIC: BP020193.D\data.ms

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

28.774min (+ 0.006) 18.04 ng/ul m

response 779104

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.62
277.00	23.70	24.93
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/04/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	111514	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	474289	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	338170	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.122	188	743452	20.000	ng/ul	-0.01
79) Chrysene-d12	21.627	240	676752	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	622549	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	18993	7.193	ng/uL	0.00
4) Pyridine-d5	3.617	84	144257	18.803	ng/ul	0.00
7) Phenol-d5	6.805	99	181554	18.958	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	113262	19.469	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	135560	19.801	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	153541	19.831	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	74110	20.867	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	83996	20.652	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	152334	20.525	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	203136	19.556	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	506361	20.504	ng/ul	-0.01
49) Acenaphthylene-d8	13.975	160	540074	19.797	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	74055	19.511	ng/ul	0.00
60) Fluorene-d10	15.310	176	416248	20.208	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	96007	20.350	ng/ul	-0.02
73) Anthracene-d10	17.228	188	660880	20.548	ng/ul	-0.01
81) Pyrene-d10	19.633	212	780896	19.740	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	604014	20.066	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	21784	7.270	ng/uL	96
5) Pyridine	3.634	79	144839	18.665	ng/ul	96
6) Benzaldehyde	6.793	77	106513	22.127	ng/ul	97
8) Phenol	6.834	94	189283	19.150	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	152506	19.717	ng/ul	99
12) 2-Chlorophenol	7.193	128	143145	20.026	ng/ul	97
13) 2-Methylphenol	8.063	108	145336	19.712	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	191228	19.820	ng/ul	98
16) Acetophenone	8.446	105	255386	19.874	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	139500	20.005	ng/ul	96
18) 4-Methylphenol	8.393	108	157670	19.675	ng/ul	96
19) Hexachloroethane	8.669	117	63490	19.423	ng/ul	99
22) Nitrobenzene	8.822	77	204504	20.058	ng/ul	99
23) Isophorone	9.346	82	399030	20.353	ng/ul	100
25) 2-Nitrophenol	9.522	139	90026	21.369	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	185169	20.147	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.822	93	215212	19.801	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	150584	20.859	ng/ul	99
30) Naphthalene	10.446	128	490795	20.076	ng/ul	100
32) 4-Chloroaniline	10.569	127	200800	19.768	ng/ul	97
33) Hexachlorobutadiene	10.704	225	112811	20.119	ng/ul	97
34) Caprolactam	11.387	113	51047m	20.251	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	187284	20.836	ng/ul	94

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	342982	20.164	ng/ul	96
37) 1-Methylnaphthalene	12.293	142	351304	20.524	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	212298	20.129	ng/ul	98
40) Hexachlorocyclopentadiene	12.398	237	96233	16.777	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	135716	20.520	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	142359	20.003	ng/ul	97
43) 1,1'-Biphenyl	13.098	154	467614	19.550	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	376470	19.836	ng/ul	99
45) 2-Nitroaniline	13.375	65	132525	21.051	ng/ul	92
47) Dimethylphthalate	13.751	163	509238	20.415	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	102195	20.609	ng/ul	92
50) Acenaphthylene	14.004	152	610213	19.887	ng/ul	100
51) 3-Nitroaniline	14.222	138	95477	20.643	ng/ul	92
52) Acenaphthene	14.357	153	411611	19.962	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	58536	19.231	ng/ul	97
55) 4-Nitrophenol	14.551	109	81082	20.519	ng/ul	89
56) Dibenzofuran	14.704	168	564176	19.894	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	153264	21.497	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.939	232	132861	20.789	ng/ul	96
59) Diethylphthalate	15.151	149	516858	20.757	ng/ul	98
61) Fluorene	15.369	166	472247	20.041	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.369	204	255049	20.402	ng/ul	94
63) 4-Nitroaniline	15.422	138	83854	21.756	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	99790	20.285	ng/ul	98
67) N-Nitrosodiphenylamine	15.592	169	412115	19.909	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	163086	20.252	ng/ul	98
69) Hexachlorobenzene	16.392	284	189160	20.281	ng/ul	98
70) Atrazine	16.592	200	144891	19.740	ng/ul	98
71) Pentachlorophenol	16.763	266	113558	20.143	ng/ul	98
72) Phenanthrene	17.163	178	761621	20.079	ng/ul	99
74) Anthracene	17.263	178	784064	20.323	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	208918	18.908	ng/uL	97
76) Pentachlorobenzene	14.610	250	215465	19.486	ng/uL	97
77) Carbazole	17.563	167	694700	20.902	ng/ul	100
78) Di-n-butylphthalate	18.163	149	875963	21.744	ng/ul	100
80) Fluoranthene	19.280	202	919457	19.750	ng/ul	100
82) Pyrene	19.663	202	964283	19.907	ng/ul	99
83) Butylbenzylphthalate	20.639	149	385489	20.964	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.539	252	292459	21.234	ng/ul	96
85) Benzo(a)anthracene	21.604	228	920466	20.053	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	554380	20.899	ng/ul	98
87) Chrysene	21.674	228	852272	20.033	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	907537	22.763	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	767408	20.722	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	778296	20.623	ng/ul	99
93) Benzo(a)pyrene	24.815	252	698194	19.814	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	779104m	18.036	ng/ul	
95) Dibenzo(a,h)anthracene	28.874	278	653371	18.287	ng/ul	98
96) Benzo(g,h,i)perylene	29.950	276	629113	18.058	ng/ul	96

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

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