Quantitation Report (Qedit)

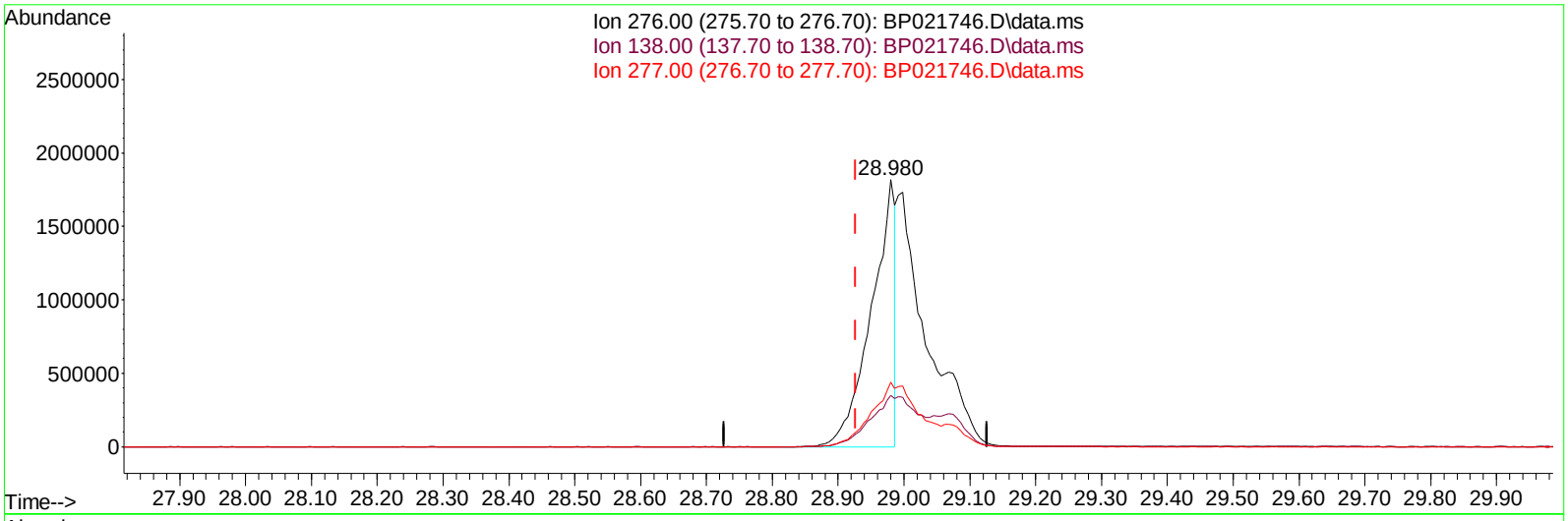
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021746.D
Acq On : 30 Aug 2024 08:37
Operator : RC/JU
Sample : SP6609
Misc : SFAM SPIKE
ALS Vial : 34 Sample Multiplier: 1

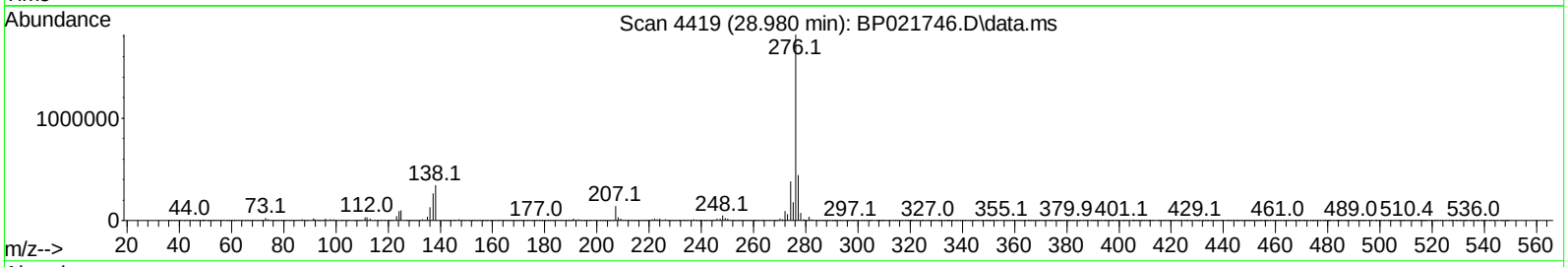
Quant Time: Aug 30 09:22:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

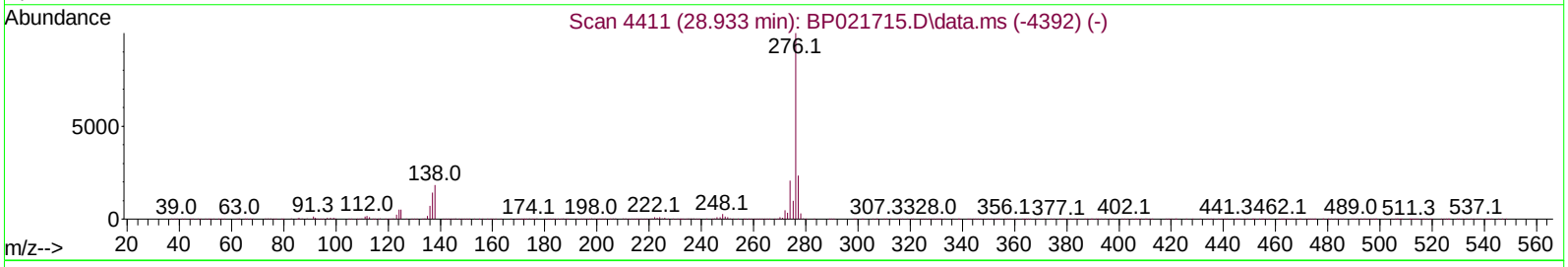
Instrument :
BNA_P
ClientSampleId :
SP6609

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024







TIC: BP021746.D\data.ms

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

28.980min (+ 0.053) 35.89 ng/ul

response 4563269

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.13
277.00	23.80	24.28
0.00	0.00	0.00

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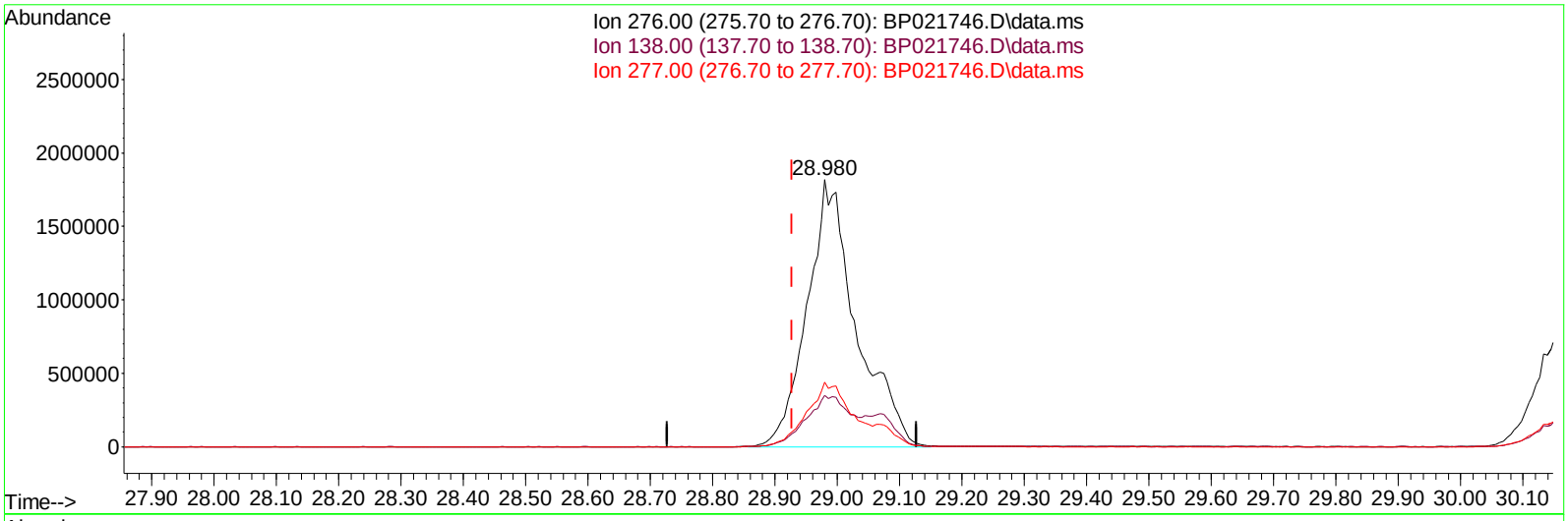

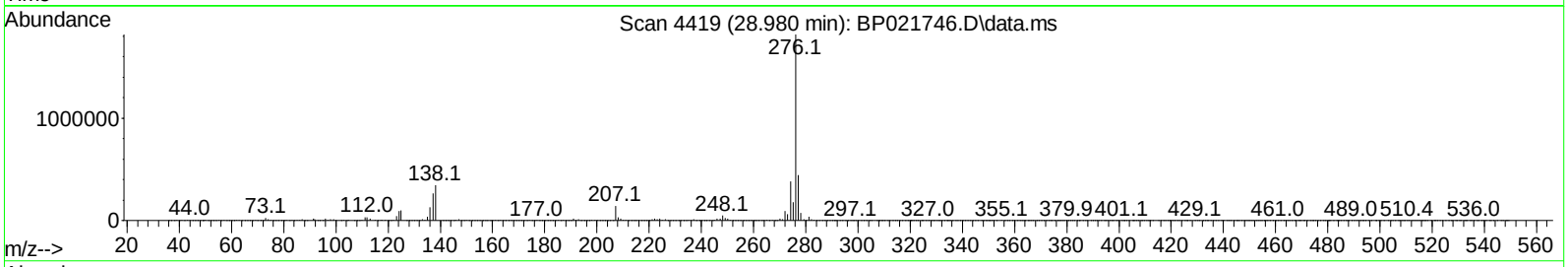

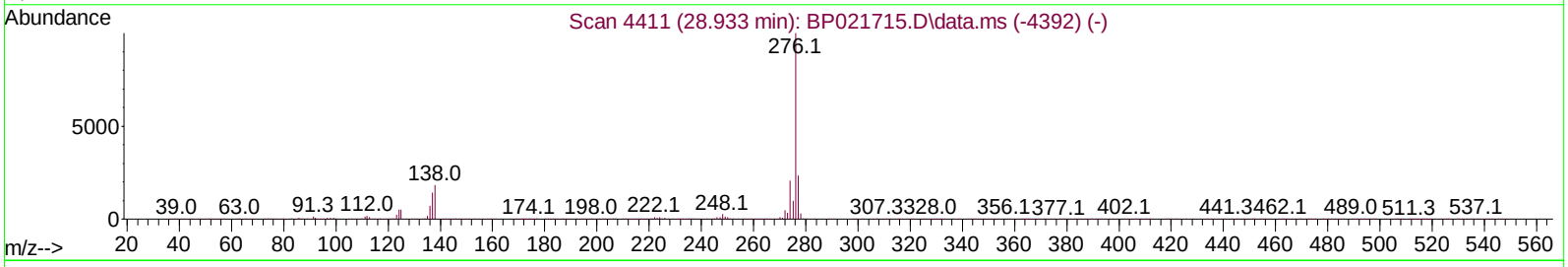

TIC: BP021746.D\data.ms

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

28.980min (+ 0.053) 78.18 ng/ul m

response 9939805

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.13
277.00	23.80	24.28
0.00	0.00	0.00

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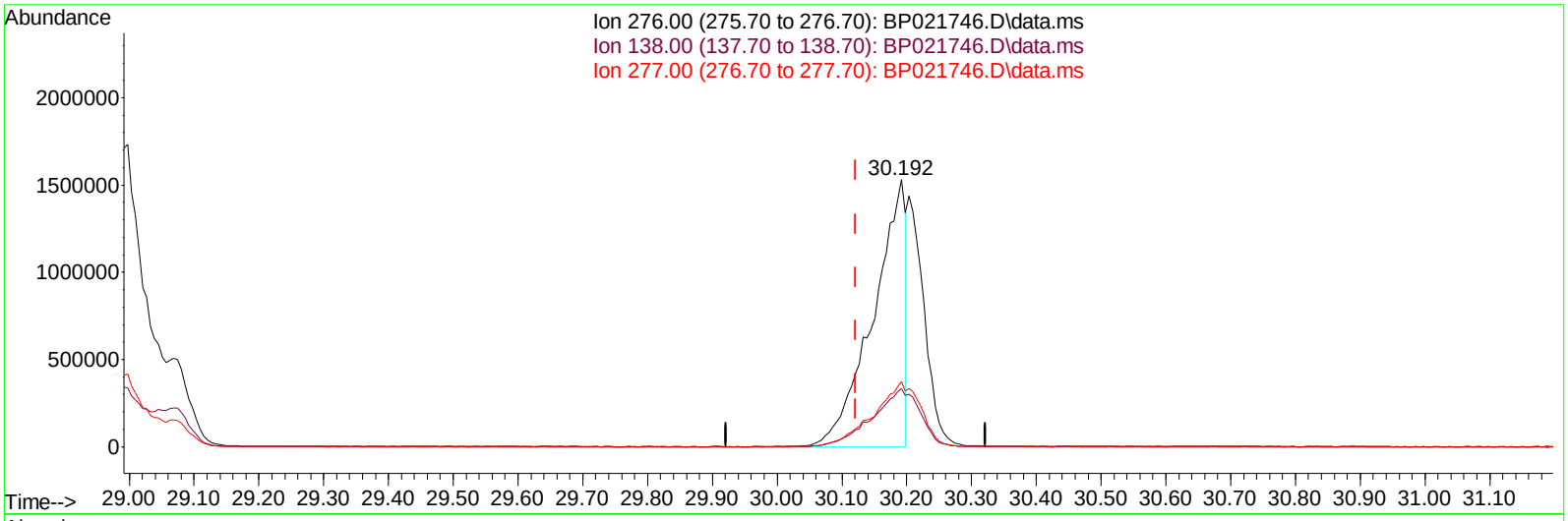

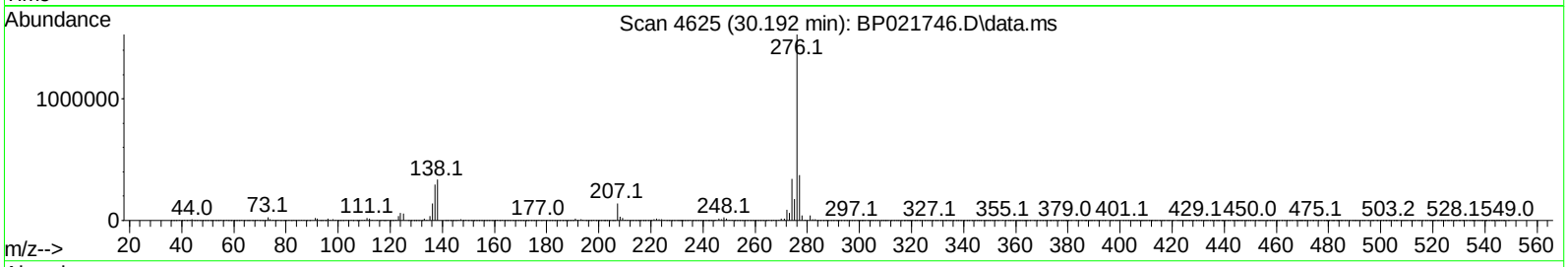

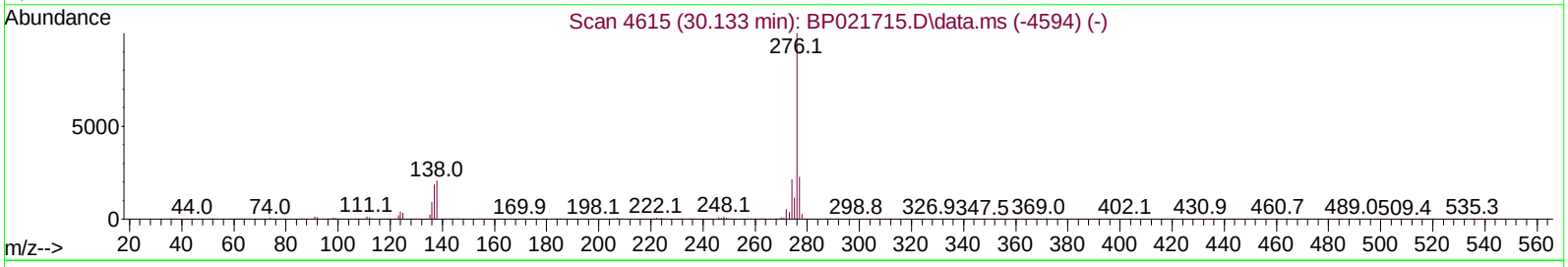

TIC: BP021746.D\data.ms

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

30.192min (+ 0.070) 53.98 ng/ul

response 5303281

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	21.91
277.00	24.20	24.45
0.00	0.00	0.00

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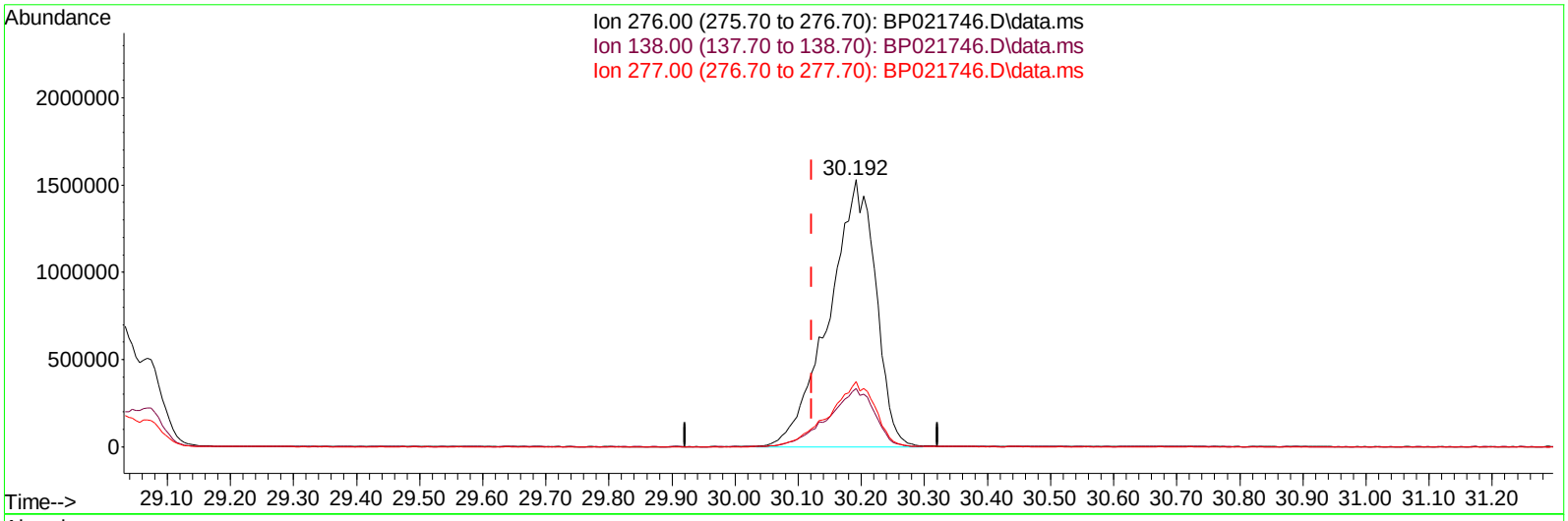

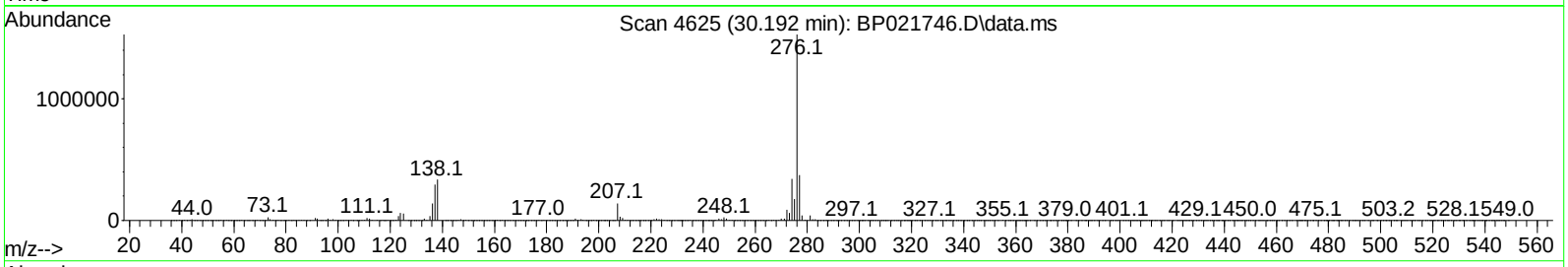

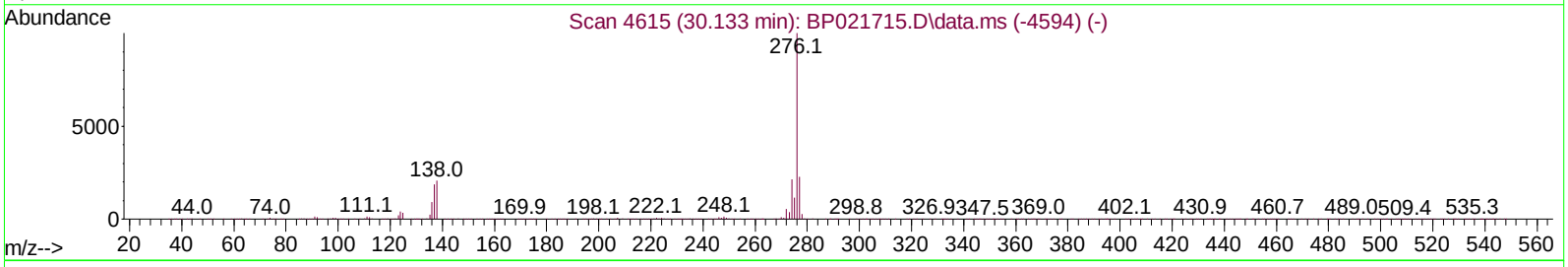

TIC: BP021746.D\data.ms

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

30.192min (+ 0.070) 80.32 ng/ul m

response 7890234

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	21.91
277.00	24.20	24.45
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc : SFAM SPIKE
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	305818	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1239623	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.434	164	785334	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	1615644	20.000	ng/ul	0.00
79) Chrysene-d12	21.692	240	1389727	20.000	ng/ul	0.02
88) Perylene-d12	25.092	264	1710592	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	272746	27.860	ng/uL	96
5) Pyridine	3.734	79	1902272	71.449	ng/ul	97
6) Benzaldehyde	6.940	77	1199376	71.847	ng/ul	97
8) Phenol	6.999	94	2583689	75.922	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.216	93	1911284	72.254	ng/ul	99
12) 2-Chlorophenol	7.363	128	1772721	80.157	ng/ul	99
13) 2-Methylphenol	8.240	108	1858803	75.715	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.310	45	1826444	71.536	ng/ul	98
16) Acetophenone	8.610	105	2821388	69.782	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.599	70	1298535	68.057	ng/ul	98
18) 4-Methylphenol	8.569	108	2003123	74.529	ng/ul	97
19) Hexachloroethane	8.869	117	734462	74.273	ng/ul	95
22) Nitrobenzene	8.981	77	2020400	72.651	ng/ul	98
23) Isophorone	9.516	82	3952433	70.826	ng/ul	99
25) 2-Nitrophenol	9.687	139	890458	79.389	ng/ul	97
26) 2,4-Dimethylphenol	9.757	107	2124626	77.178	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	2500050	71.435	ng/ul	98
29) 2,4-Dichlorophenol	10.234	162	1582054	78.919	ng/ul	99
30) Naphthalene	10.634	128	4995824	71.507	ng/ul	100
32) 4-Chloroaniline	10.728	127	1675180	57.170	ng/ul	98
33) Hexachlorobutadiene	10.922	225	1002152	74.507	ng/ul	98
34) Caprolactam	11.546	113	596498	70.366	ng/ul	99
35) 4-Chloro-3-methylphenol	11.875	107	2032400	76.600	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	3355032	70.997 ng/ul	99
37) 1-Methylnaphthalene	12.463	142	3255682	68.496 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	1802793	72.835 ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	860172	60.563 ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	1274123	79.950 ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	1368988	79.554 ng/ul	98
43) 1,1'-Biphenyl	13.257	154	4254409	71.603 ng/ul	98
44) 2-Chloronaphthalene	13.298	162	3349637	71.901 ng/ul	99
45) 2-Nitroaniline	13.504	65	1146397	78.550 ng/ul	96
47) Dimethylphthalate	13.893	163	4298671	71.441 ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	911907	82.176 ng/ul	98
50) Acenaphthylene	14.157	152	5245487	72.292 ng/ul	99
51) 3-Nitroaniline	14.334	138	944789	77.911 ng/ul	95
52) Acenaphthene	14.498	153	3645318	71.439 ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	464287	69.886 ng/ul	95
55) 4-Nitrophenol	14.663	109	756207	72.240 ng/ul	96
56) Dibenzofuran	14.845	168	4993975	70.742 ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	1324331	79.417 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	1145300	77.250 ng/ul	97
59) Diethylphthalate	15.275	149	4331931	71.694 ng/ul	99
61) Fluorene	15.504	166	3914324	68.553 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	2001201	69.751 ng/ul	99
63) 4-Nitroaniline	15.516	138	993844	84.800 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	677241	68.133 ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	3477768	73.173 ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	1325476	74.315 ng/ul	99
69) Hexachlorobenzene	16.528	284	1537908	72.631 ng/ul	97
70) Atrazine	16.692	200	1397237	77.500 ng/ul	99
71) Pentachlorophenol	16.881	266	1059708	78.200 ng/ul	98
72) Phenanthrene	17.275	178	6322116	71.276 ng/ul	99
74) Anthracene	17.369	178	6364023	70.821 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	1811667	75.422 ng/uL	98
76) Pentachlorobenzene	14.757	250	1749208	70.258 ng/uL	99
77) Carbazole	17.645	167	5790999	71.652 ng/ul	99
78) Di-n-butylphthalate	18.251	149	7374926	74.966 ng/ul	100
80) Fluoranthene	19.357	202	7292572	78.664 ng/ul	100
82) Pyrene	19.733	202	7646161	77.876 ng/ul	100
83) Butylbenzylphthalate	20.686	149	3356373	83.492 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.586	252	2322073	66.302 ng/ul	98
85) Benzo(a)anthracene	21.674	228	7257036	73.409 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.610	149	4722918	79.600 ng/ul	99
87) Chrysene	21.739	228	6681074	71.811 ng/ul	99
89) Di-n-octyl phthalate	22.916	149	8127841	75.064 ng/ul	100
90) Benzo(b)fluoranthene	24.021	252	7759500	72.496 ng/ul	98
91) Benzo(k)fluoranthene	24.092	252	7505395	71.627 ng/ul	99
93) Benzo(a)pyrene	24.939	252	7401956	75.064 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.980	276	9939805m	78.177 ng/ul	
95) Dibenzo(a,h)anthracene	29.074	278	7922306	77.541 ng/ul	99
96) Benzo(g,h,i)perylene	30.192	276	7890234m	80.317 ng/ul	

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

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