Quantitation Report (Qedit)

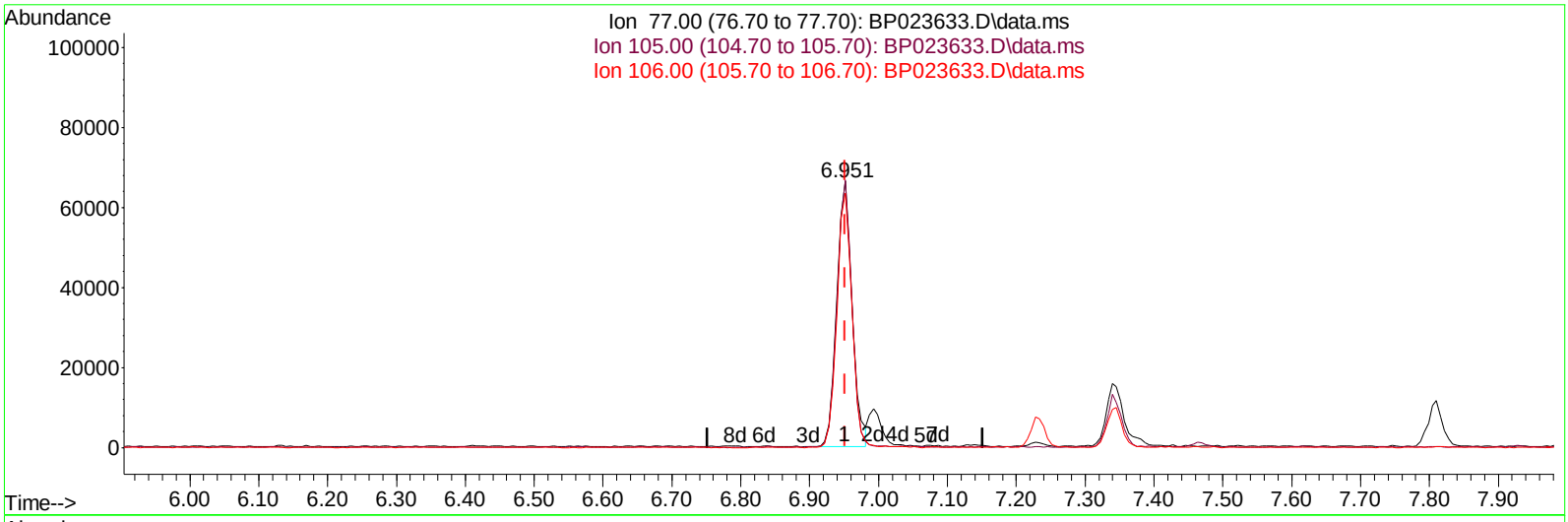
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011725\
Data File : BP023633.D
Acq On : 17 Jan 2025 18:01
Operator : RC/JU
Sample : PB166085BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

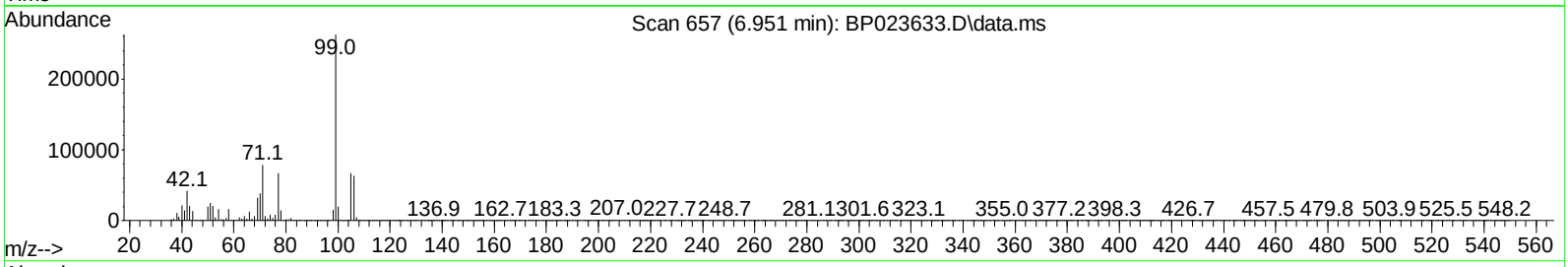
Quant Time: Jan 17 23:19:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 16:27:27 2025
Response via : Initial Calibration

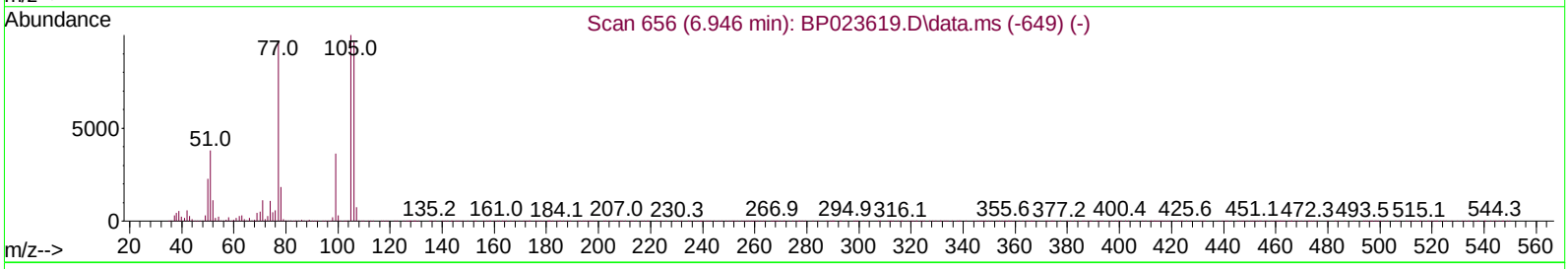
Instrument :
BNA_P
ClientSampleId :
SLCS085

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025







TIC: BP023633.D\data.ms

(6) Benzaldehyde

6.951min (-0.000) 4.25 ng/ul

response 101888

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	100.49
106.00	100.60	95.49
0.00	0.00	0.00

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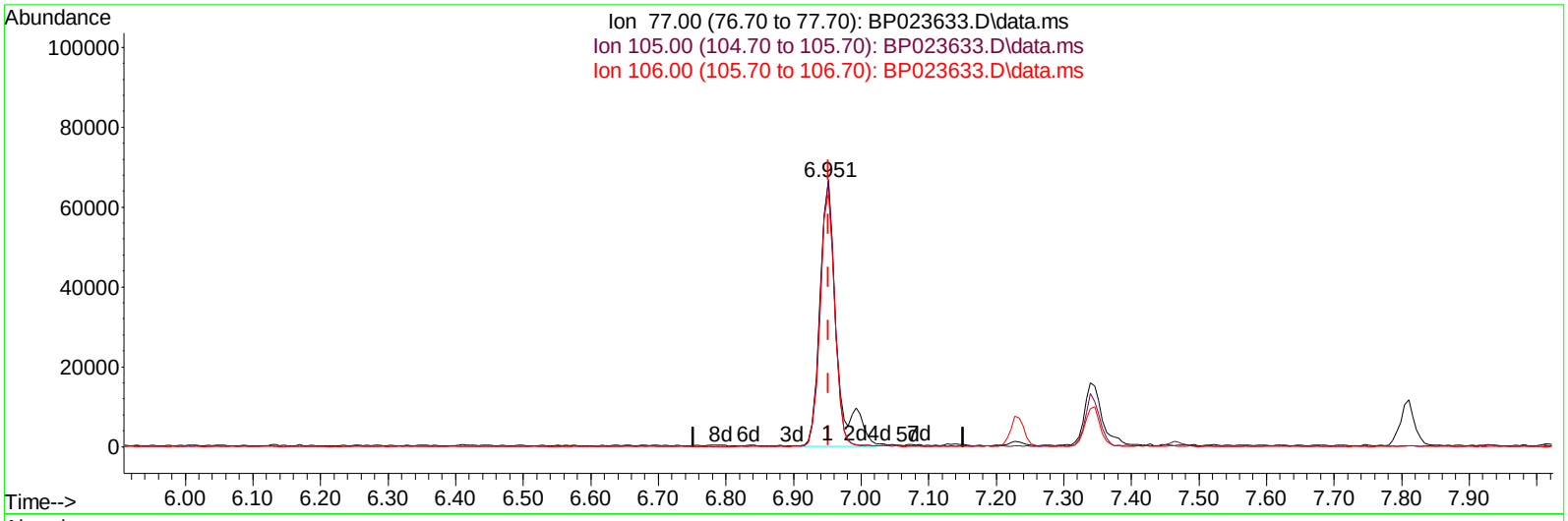

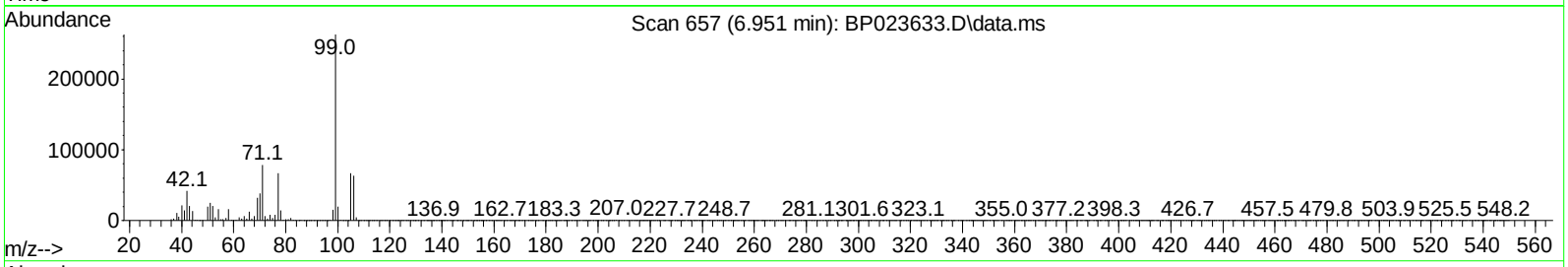

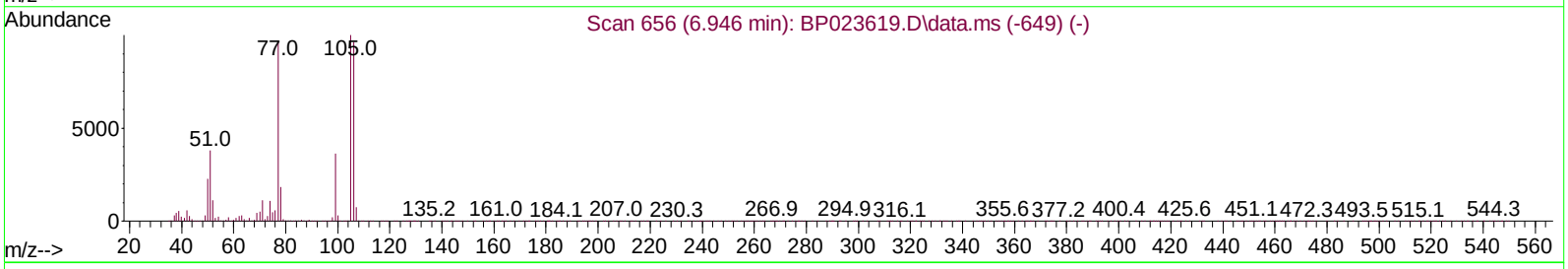

TIC: BP023633.D\data.ms

(6) Benzaldehyde

6.951min (-0.000) 4.77 ng/ul m

response 114472

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	100.49
106.00	100.60	95.49
0.00	0.00	0.00

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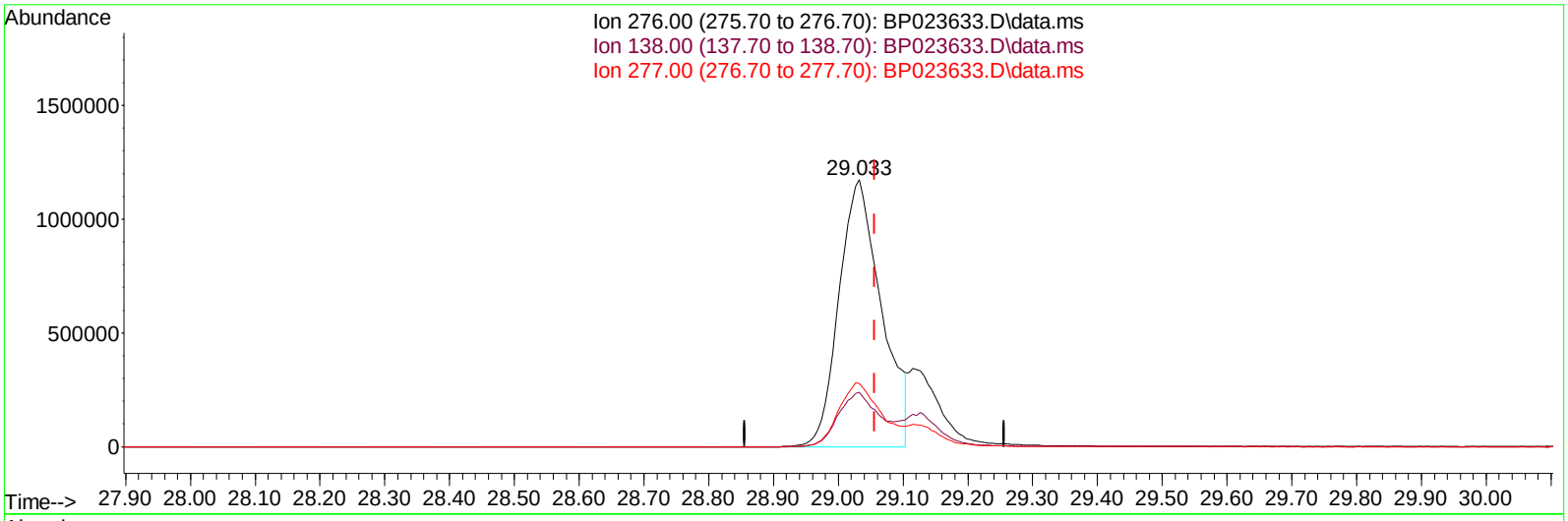

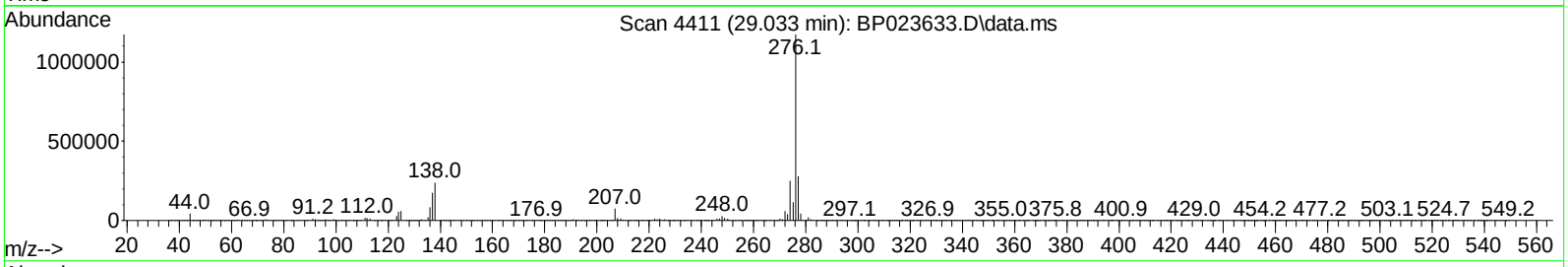

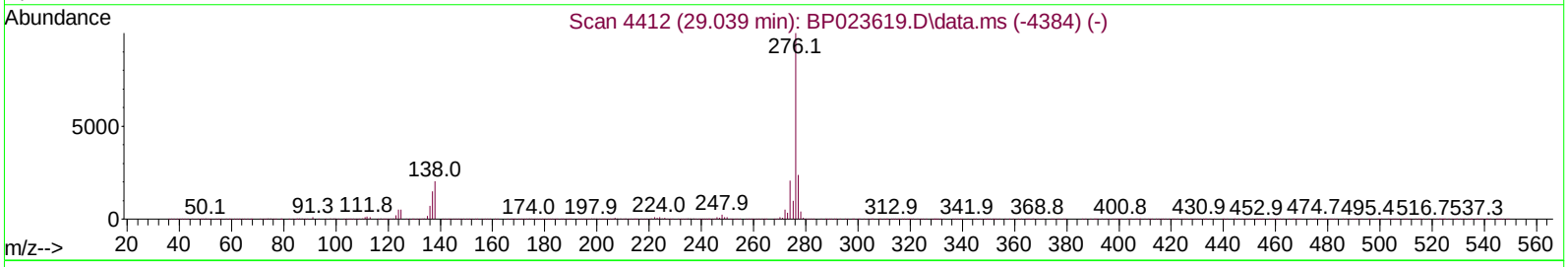

TIC: BP023633.D\data.ms

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

29.033min (-0.024) 22.46 ng/ul

response 5320169

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.49
277.00	24.20	23.74
0.00	0.00	0.00

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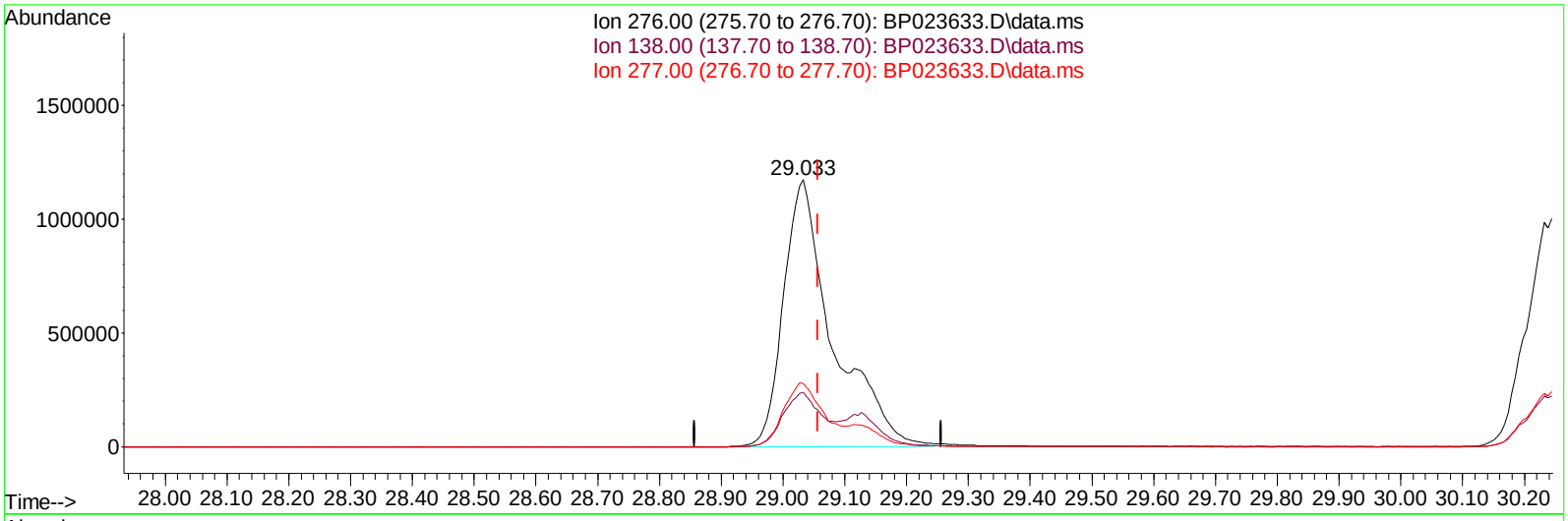

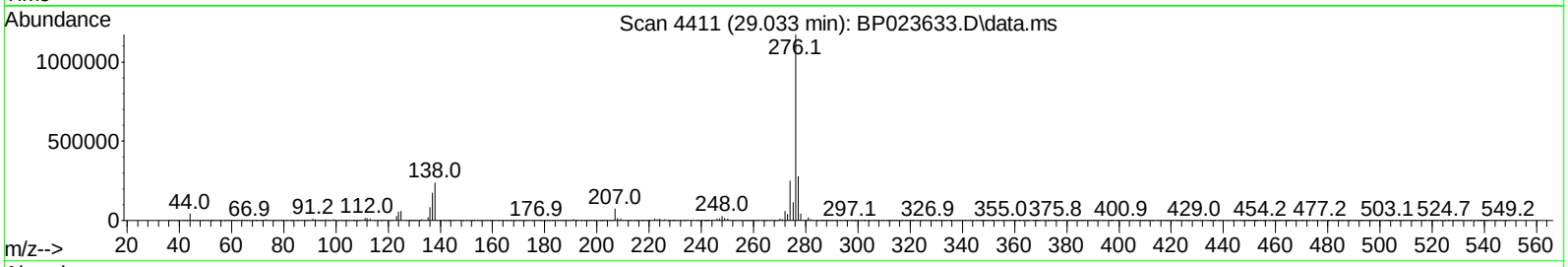

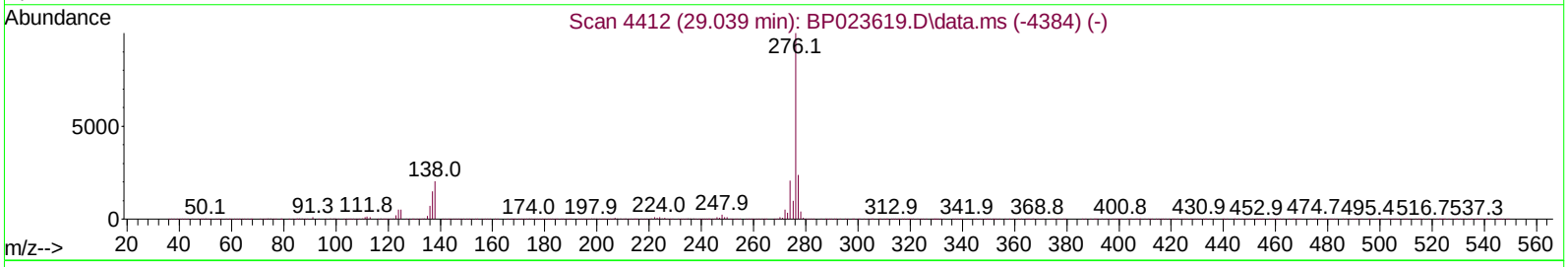

TIC: BP023633.D\data.ms

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

29.033min (-0.024) 27.33 ng/ul m

response 6473412

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.49
277.00	24.20	23.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	515700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	2183644	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	1466313	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	3149161	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	3345000	20.000	ng/ul	-0.01
88) Perylene-d12	25.127	264	3220715	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	71568	5.117	ng/uL	0.00
4) Pyridine-d5	3.716	84	1081665	27.741	ng/ul	0.00
7) Phenol-d5	6.969	99	1394521	31.409	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	705748	27.135	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	1089782	31.081	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	1108276	32.182	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	464812	27.888	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	385161	35.207	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	1057474	31.779	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	1413289	26.604	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	3195932	28.006	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	3629559	26.736	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	616892	32.522	ng/ul	0.00
60) Fluorene-d10	15.439	176	2716235	27.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	307738	30.033	ng/ul	0.00
73) Anthracene-d10	17.345	188	4435409	26.091	ng/ul	0.00
81) Pyrene-d10	19.715	212	5152310	27.804	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.903	264	4989370	28.506	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	144596	9.769	ng/uL	97
5) Pyridine	3.740	79	1089209	27.696	ng/ul	98
6) Benzaldehyde	6.951	77	114472m	4.772	ng/ul	
8) Phenol	6.993	94	1472706	31.119	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	1015438	27.124	ng/ul	100
12) 2-Chlorophenol	7.375	128	1133639	30.204	ng/ul	98
13) 2-Methylphenol	8.234	108	1064496	30.816	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	1044341	26.930	ng/ul	99
16) Acetophenone	8.616	105	1583009	26.835	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.604	70	755653	26.354	ng/ul	98
18) 4-Methylphenol	8.557	108	1197052	31.526	ng/ul	100
19) Hexachloroethane	8.887	117	400719	26.600	ng/ul	99
22) Nitrobenzene	8.992	77	1069383	26.363	ng/ul	97
23) Isophorone	9.516	82	2240702	27.198	ng/ul	100
25) 2-Nitrophenol	9.698	139	466027	32.479	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	1190935	30.001	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.992	93	1338870	25.897	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	1062843	30.852	ng/ul	98
30) Naphthalene	10.634	128	3308107	25.575	ng/ul	100
32) 4-Chloroaniline	10.734	127	763234	15.013	ng/ul	100
33) Hexachlorobutadiene	10.934	225	577797	25.298	ng/ul	98
34) Caprolactam	11.486	113	370184	29.418	ng/ul	99
35) 4-Chloro-3-methylphenol	11.851	107	1121682	31.947	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	2301809	26.328	ng/ul	99
37) 1-Methylnaphthalene	12.463	142	2339645	26.943	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	1175186	24.289	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	441790	23.654	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	782550	31.070	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	883889	31.557	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	3051723	25.150	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	2373378	25.110	ng/ul	99
45) 2-Nitroaniline	13.486	65	597362	31.951	ng/ul	99
47) Dimethylphthalate	13.886	163	3158455	27.550	ng/ul	100
48) 2,6-Dinitrotoluene	13.998	165	562296	31.928	ng/ul	94
50) Acenaphthylene	14.151	152	3810168	25.902	ng/ul	100
51) 3-Nitroaniline	14.322	138	633693	30.576	ng/ul	99
52) Acenaphthene	14.504	153	2669838	25.910	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	170409	30.575	ng/ul#	86
55) 4-Nitrophenol	14.627	109	470175	31.934	ng/ul	97
56) Dibenzofuran	14.845	168	3703304	26.402	ng/ul	98
57) 2,4-Dinitrotoluene	14.792	165	861293	32.368	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.063	232	716795	32.734	ng/ul	97
59) Diethylphthalate	15.280	149	3241887	28.683	ng/ul	99
61) Fluorene	15.498	166	3194587	27.126	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	1548937	26.916	ng/ul	99
63) 4-Nitroaniline	15.510	138	800080	36.747	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.574	198	366808	30.080	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	2709831	25.699	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	956982	25.493	ng/ul	99
69) Hexachlorobenzene	16.527	284	1151006	25.008	ng/ul	97
70) Atrazine	16.692	200	931236	25.439	ng/ul	99
71) Pentachlorophenol	16.874	266	647895	28.870	ng/ul	100
72) Phenanthrene	17.286	178	5064357	25.650	ng/ul	99
74) Anthracene	17.380	178	5144828	25.970	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	1160623	22.520	ng/uL	98
76) Pentachlorobenzene	14.757	250	1260945	23.096	ng/uL	100
77) Carbazole	17.651	167	4799639	29.171	ng/ul	100
78) Di-n-butylphthalate	18.263	149	5480632	28.681	ng/ul	99
80) Fluoranthene	19.368	202	5975914	28.193	ng/ul	99
82) Pyrene	19.745	202	6315293	27.345	ng/ul	99
83) Butylbenzylphthalate	20.704	149	2133320	35.160	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.598	252	1661327	29.278	ng/ul	100
85) Benzo(a)anthracene	21.680	228	6310713	26.536	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.645	149	3416284	33.004	ng/ul	99
87) Chrysene	21.745	228	5889688	26.596	ng/ul	100
89) Di-n-octyl phthalate	22.974	149	4844089	35.733	ng/ul	100
90) Benzo(b)fluoranthene	24.051	252	5632500	27.835	ng/ul	99
91) Benzo(k)fluoranthene	24.121	252	6181212	27.876	ng/ul	100
93) Benzo(a)pyrene	24.968	252	5449222	27.374	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.033	276	6473412m	27.331	ng/ul	
95) Dibenzo(a,h)anthracene	29.127	278	5251744	27.359	ng/ul	99
96) Benzo(g,h,i)perylene	30.244	276	4965712	26.725	ng/ul	99

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

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