Quantitation Report (Qedit)

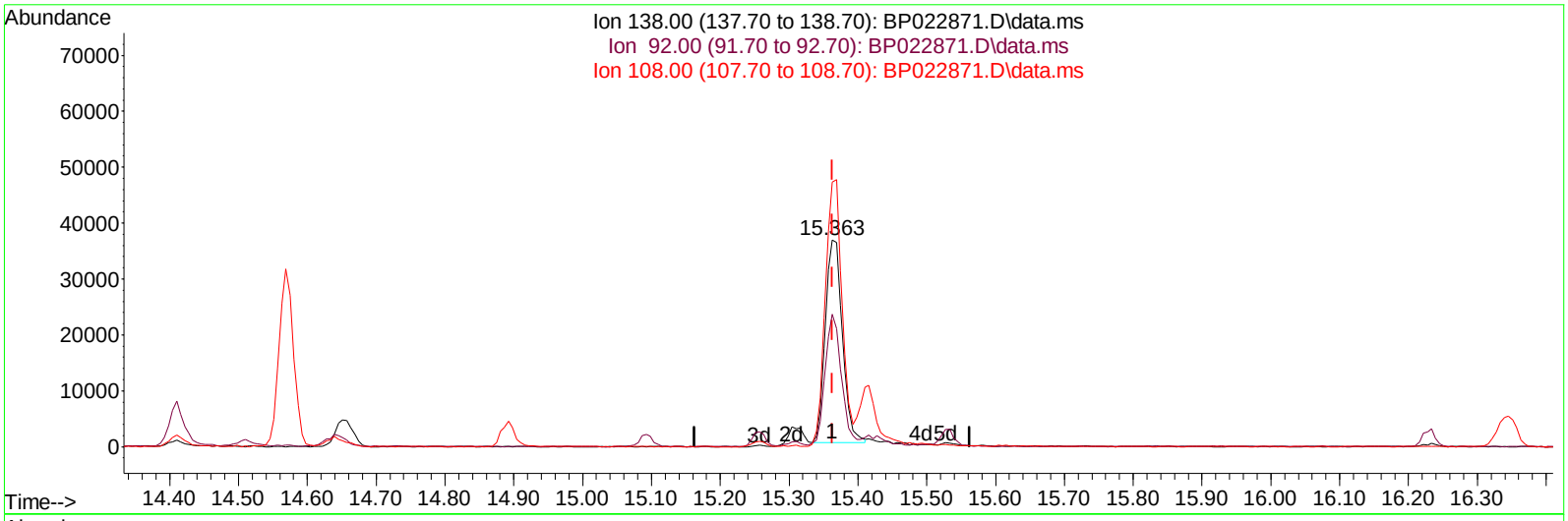
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022871.D
Acq On : 05 Nov 2024 22:56
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

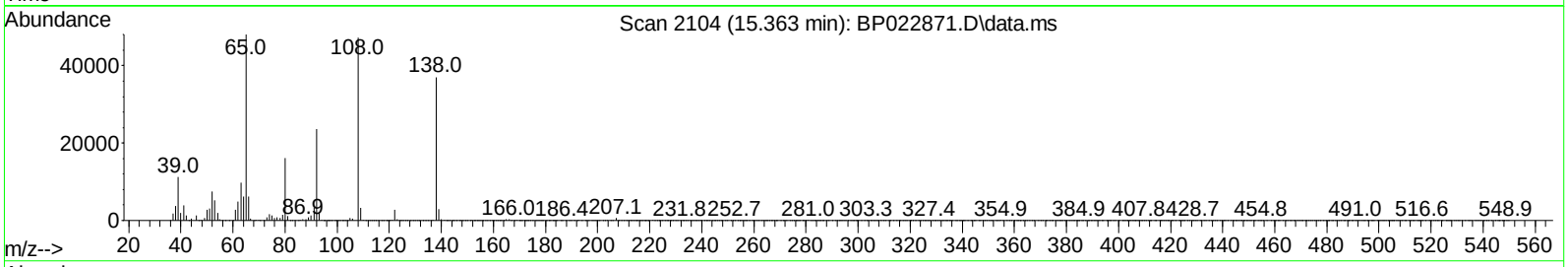
Quant Time: Nov 06 00:34:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration

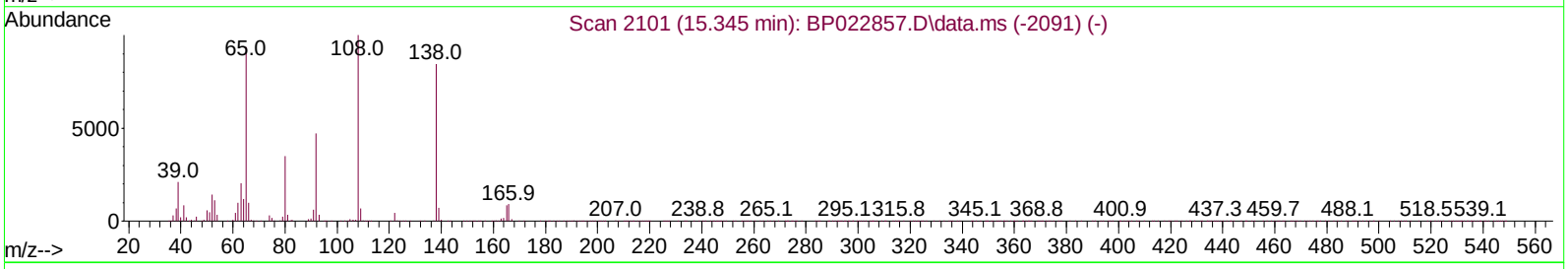
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022871.D\data.ms

(63) 4-Nitroaniline

15.363min (0.000) 17.70 ng/ul

response 62033

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	63.94
108.00	113.30	127.70
0.00	0.00	0.00

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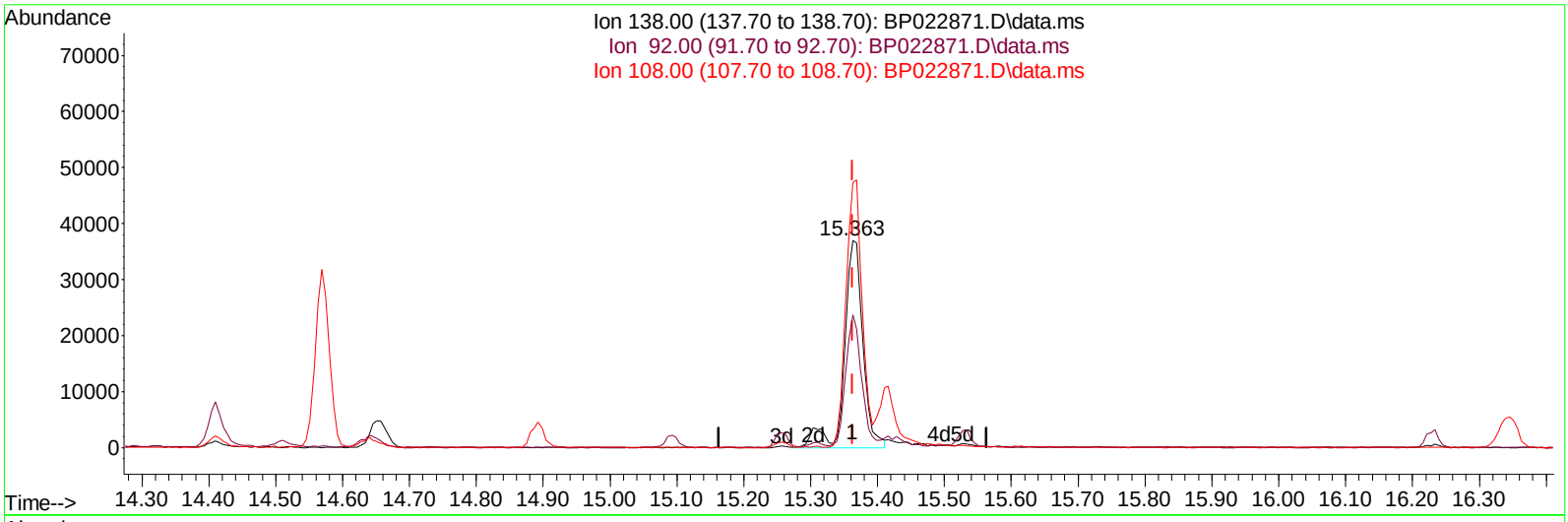

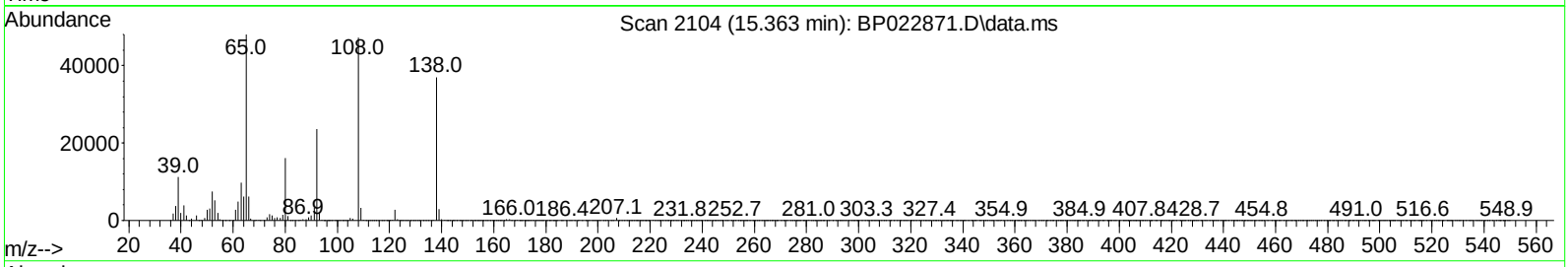

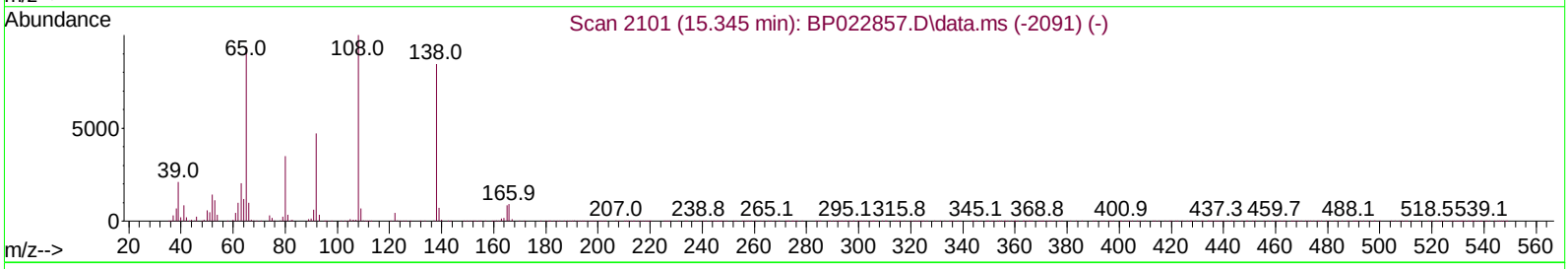

TIC: BP022871.D\data.ms

(63) 4-Nitroaniline

15.363min (0.000) 20.35 ng/ul m

response 71326

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	63.94
108.00	113.30	127.70
0.00	0.00	0.00

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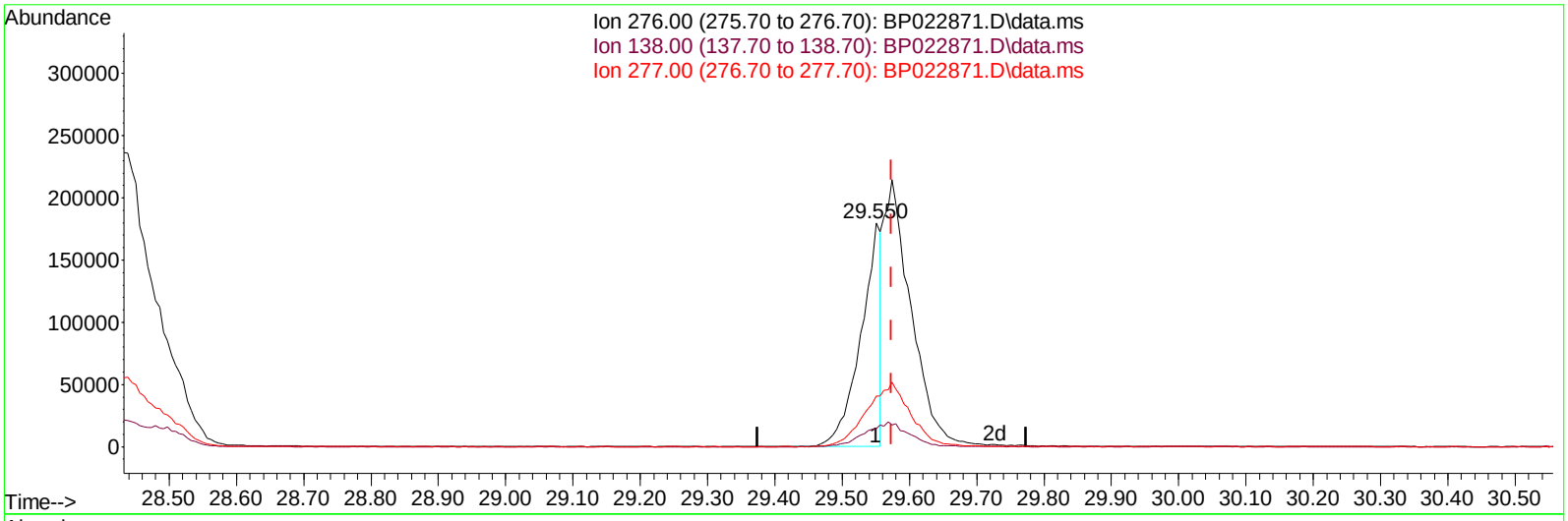

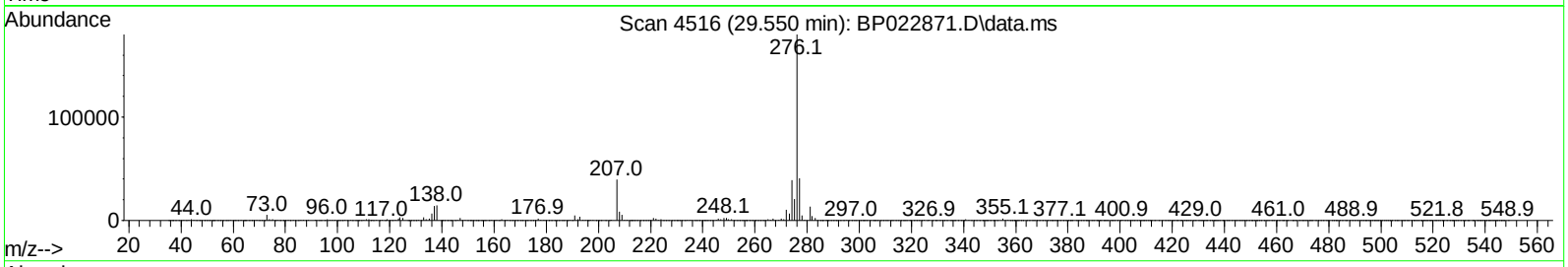

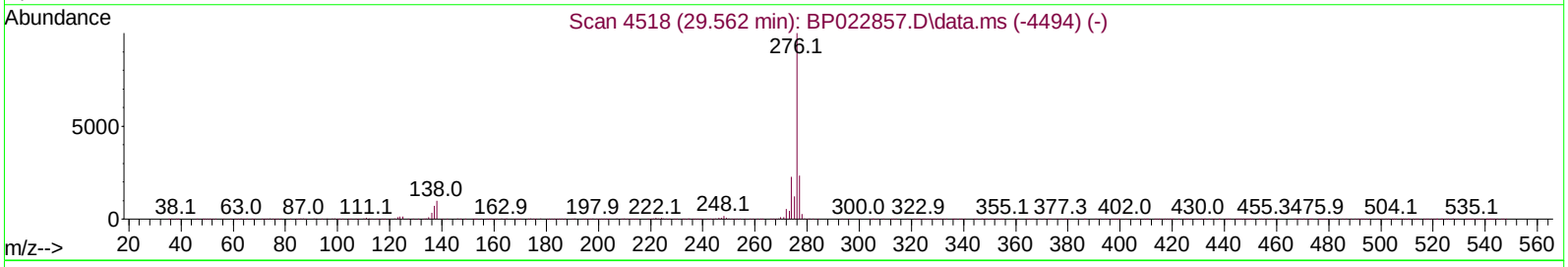

TIC: BP022871.D\data.ms

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

29.550min (-0.024) 7.73 ng/ul

response 373584

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.10#
277.00	23.70	22.74
0.00	0.00	0.00

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LabSampleId :
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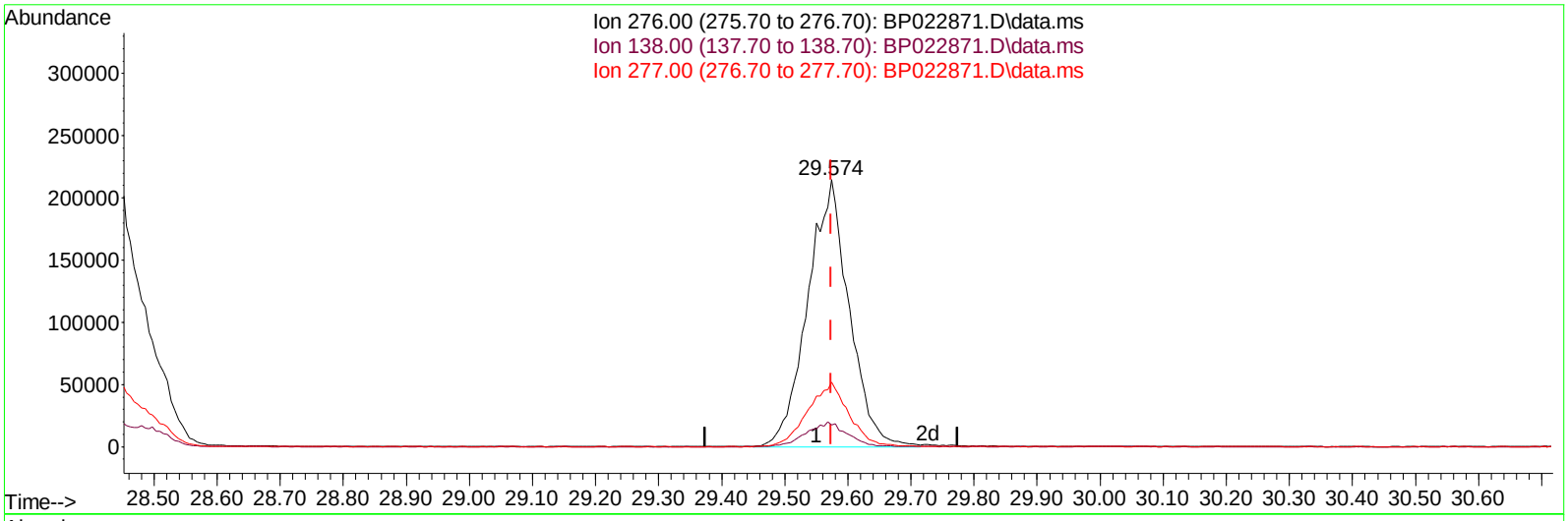

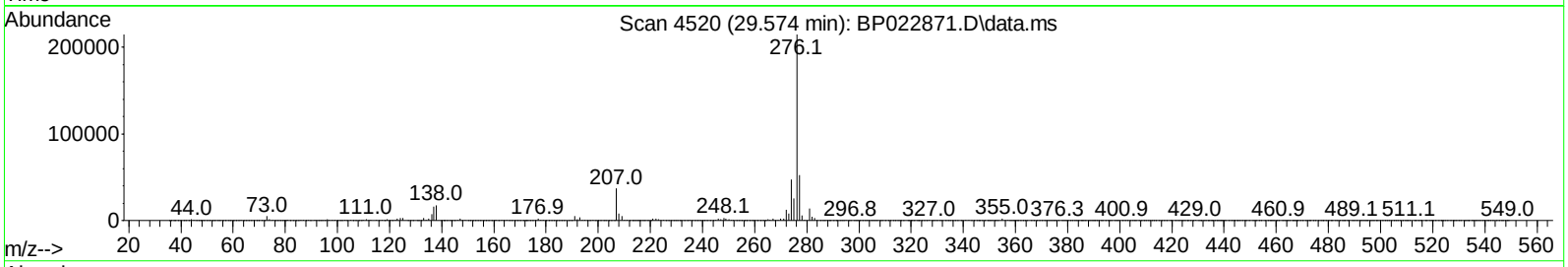

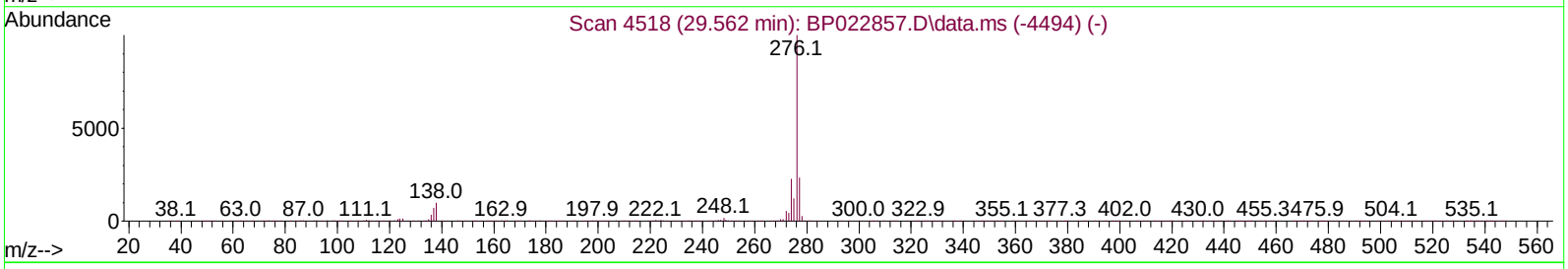

TIC: BP022871.D\data.ms

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

29.574min (0.000) 20.22 ng/ul m

response 976926

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.25#
277.00	23.70	24.29
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	82291	20.000	ng/ul	0.00
20) Naphthalene-d8	10.375	136	310133	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.239	164	247646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	612034	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	676624	20.000	ng/ul	0.00
88) Perylene-d12	24.745	264	803290	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	15547	7.342	ng/uL	0.00
4) Pyridine-d5	3.587	84	112951	19.429	ng/ul	0.00
7) Phenol-d5	6.822	99	133964	19.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	74859	18.387	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	103905	21.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	112375	20.328	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	51160	21.454	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	63475	22.992	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	132521	22.585	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	145061	20.922	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	402895	20.476	ng/ul	0.00
49) Acenaphthylene-d8	13.934	160	453376	21.694	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	59244	17.948	ng/ul	0.00
60) Fluorene-d10	15.257	176	377348	22.111	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	71388	17.735	ng/ul	0.00
73) Anthracene-d10	17.163	188	626005	21.743	ng/ul	0.00
81) Pyrene-d10	19.539	212	789570	22.067	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.527	264	923605	21.529	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	16545	7.266	ng/uL	97
5) Pyridine	3.605	79	116201	19.494	ng/ul	93
6) Benzaldehyde	6.793	77	73900	19.742	ng/ul	93
8) Phenol	6.852	94	140732	19.527	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.063	93	102797	19.059	ng/ul	97
12) 2-Chlorophenol	7.199	128	107072	21.066	ng/ul	97
13) 2-Methylphenol	8.069	108	103566	19.801	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	114859	18.323	ng/ul	98
16) Acetophenone	8.434	105	180337	19.760	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.416	70	87761	18.980	ng/ul	99
18) 4-Methylphenol	8.399	108	116516	20.081	ng/ul	89
19) Hexachloroethane	8.681	117	47079	19.889	ng/ul	93
22) Nitrobenzene	8.810	77	146681	20.607	ng/ul	98
23) Isophorone	9.328	82	248896	19.503	ng/ul	96
25) 2-Nitrophenol	9.516	139	65981	22.176	ng/ul	95
26) 2,4-Dimethylphenol	9.575	107	141574	21.891	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.804	93	140778	19.427	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	130892	22.652	ng/ul	97
30) Naphthalene	10.428	128	350031	21.190	ng/ul	97
32) 4-Chloroaniline	10.551	127	144185	21.067	ng/ul	94
33) Hexachlorobutadiene	10.704	225	107263	22.025	ng/ul	97
34) Caprolactam	11.340	113	35066	18.824	ng/ul	96
35) 4-Chloro-3-methylphenol	11.693	107	137022	21.734	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.040	142	262575	21.655	ng/ul	97
37) 1-Methylnaphthalene	12.275	142	270294	21.840	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.416	216	200918	21.942	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	106454	19.081	ng/ul	97
41) 2,4,6-Trichlorophenol	12.675	196	130125	22.592	ng/ul	95
42) 2,4,5-Trichlorophenol	12.757	196	137801	22.469	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	383475	21.483	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	318755	21.814	ng/ul	99
45) 2-Nitroaniline	13.340	65	92209	21.133	ng/ul	91
47) Dimethylphthalate	13.710	163	397140	20.256	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	81782	22.053	ng/ul	95
50) Acenaphthylene	13.963	152	467751	21.566	ng/ul	99
51) 3-Nitroaniline	14.169	138	70647	20.283	ng/ul	95
52) Acenaphthene	14.316	153	325943	21.252	ng/ul	97
53) 2,4-Dinitrophenol	14.410	184	54919	20.128	ng/ul	97
55) 4-Nitrophenol	14.510	109	73156	19.968	ng/ul	90
56) Dibenzofuran	14.651	168	504029	21.878	ng/ul	96
57) 2,4-Dinitrotoluene	14.639	165	127557	22.135	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.892	232	131832	23.029	ng/ul	97
59) Diethylphthalate	15.092	149	387246	20.587	ng/ul	98
61) Fluorene	15.310	166	404390	21.543	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.304	204	240207	22.377	ng/ul	99
63) 4-Nitroaniline	15.363	138	71326m	20.351	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	77789	17.941	ng/ul	100
67) N-Nitrosodiphenylamine	15.528	169	352083	21.482	ng/ul	98
68) 4-Bromophenyl-phenylether	16.233	248	168479	22.827	ng/ul	98
69) Hexachlorobenzene	16.345	284	210886	23.213	ng/ul	95
70) Atrazine	16.522	200	146557	21.512	ng/ul	98
71) Pentachlorophenol	16.704	266	123540	21.149	ng/ul	99
72) Phenanthrene	17.098	178	705134	21.534	ng/ul	99
74) Anthracene	17.198	178	703820	21.539	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	203632	21.851	ng/uL	98
76) Pentachlorobenzene	14.569	250	233116	22.629	ng/uL	99
77) Carbazole	17.486	167	590029	20.407	ng/ul	98
78) Di-n-butylphthalate	18.057	149	674104	21.071	ng/ul	100
80) Fluoranthene	19.186	202	906549	22.039	ng/ul	99
82) Pyrene	19.569	202	967721	21.950	ng/ul	96
83) Butylbenzylphthalate	20.521	149	320479	20.878	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	328409	20.361	ng/ul	98
85) Benzo(a)anthracene	21.474	228	1007433	21.239	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	444954	20.195	ng/ul	100
87) Chrysene	21.545	228	936700	21.297	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	763827	19.990	ng/ul	100
90) Benzo(b)fluoranthene	23.721	252	1099105	21.737	ng/ul#	99
91) Benzo(k)fluoranthene	23.786	252	1049461	21.199	ng/ul#	99
93) Benzo(a)pyrene	24.592	252	969897	20.841	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.433	276	1288385	20.747	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.498	278	1034109	20.564	ng/ul#	98
96) Benzo(g,h,i)perylene	29.574	276	976926m	20.225	ng/ul	

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

Instrument :
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