Quantitation Report (Qedit)

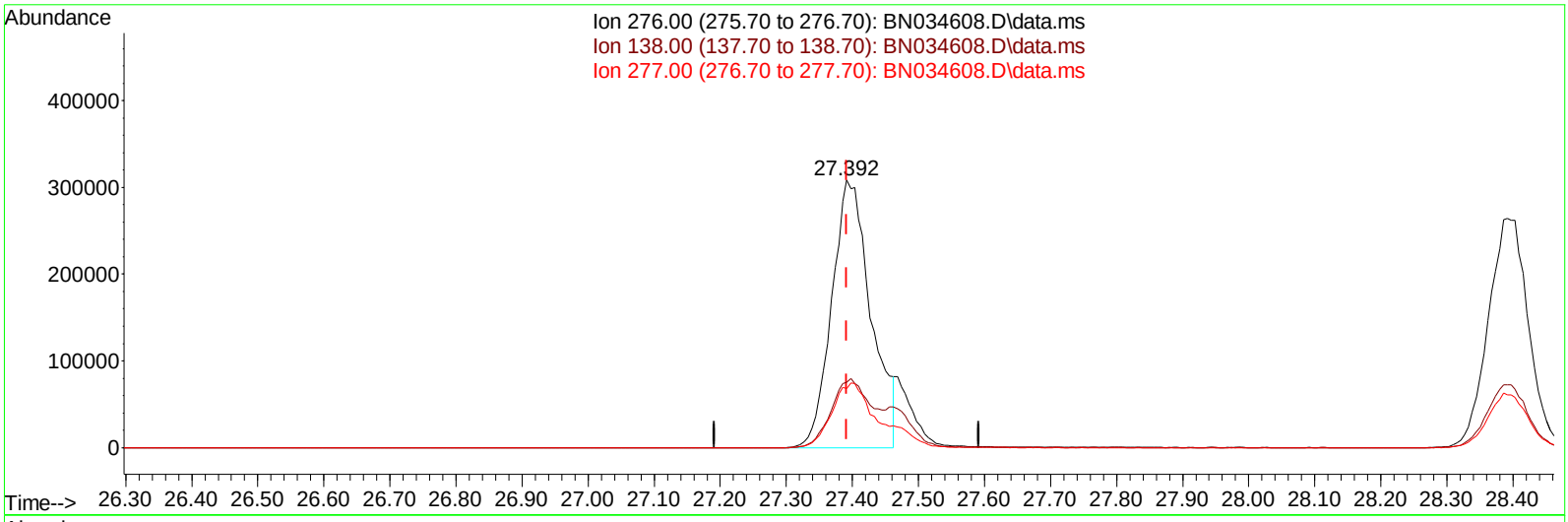
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101624\
Data File : BN034608.D
Acq On : 16 Oct 2024 13:18
Operator : RC/JU
Sample : SSTD02088
Misc :
ALS Vial : 4 Sample Multiplier: 1

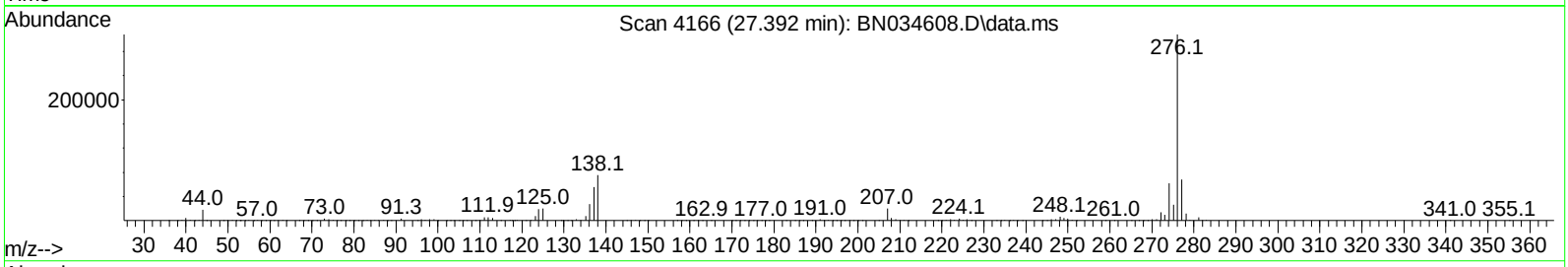
Quant Time: Oct 16 14:56:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 14:56:03 2024
Response via : Initial Calibration

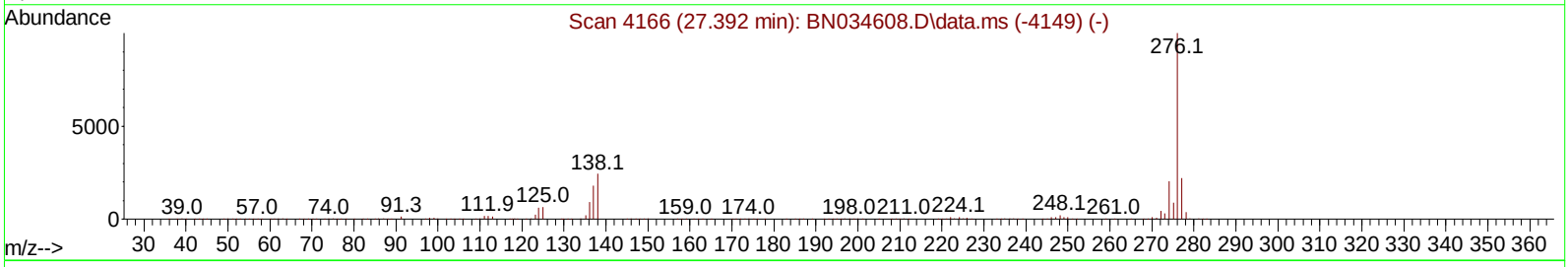
Instrument :
BNA_N
ClientSampleId :
SSTD020226

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BN034608.D\data.ms

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

27.392min (0.000) 16.96 ng/ul

response 1272978

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.39
277.00	22.10	22.07
0.00	0.00	0.00

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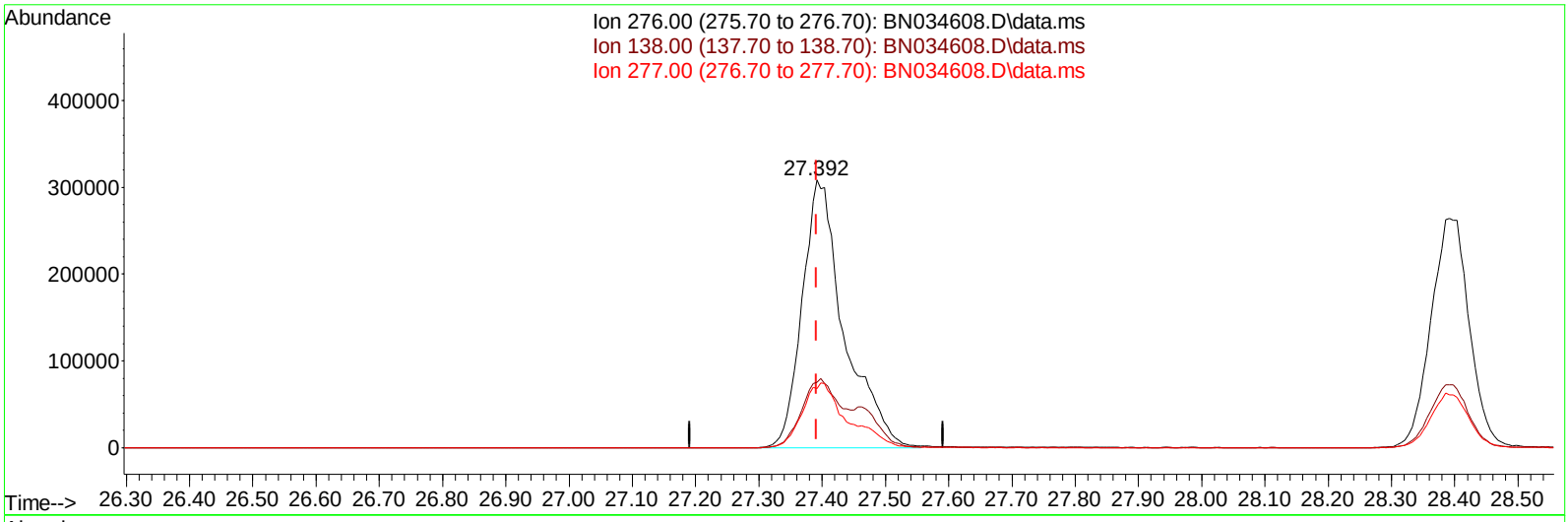

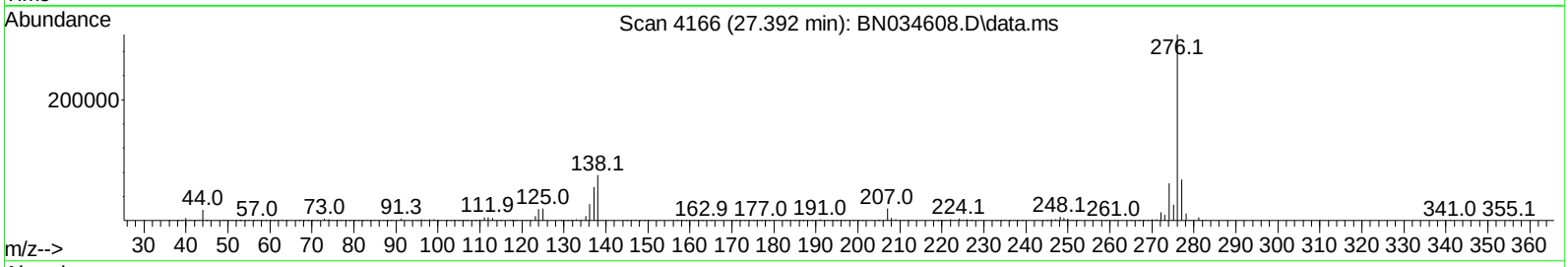

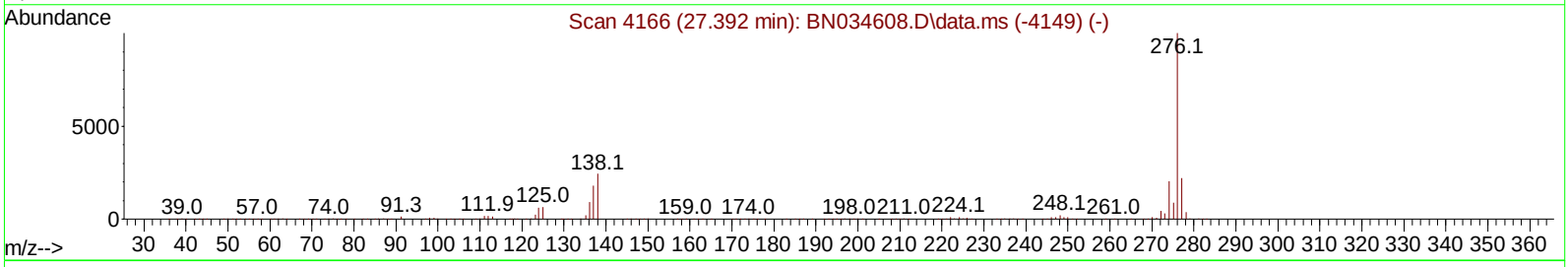

TIC: BN034608.D\data.ms

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

27.392min (0.000) 18.92 ng/ul m

response 1419418

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.39
277.00	22.10	22.07
0.00	0.00	0.00

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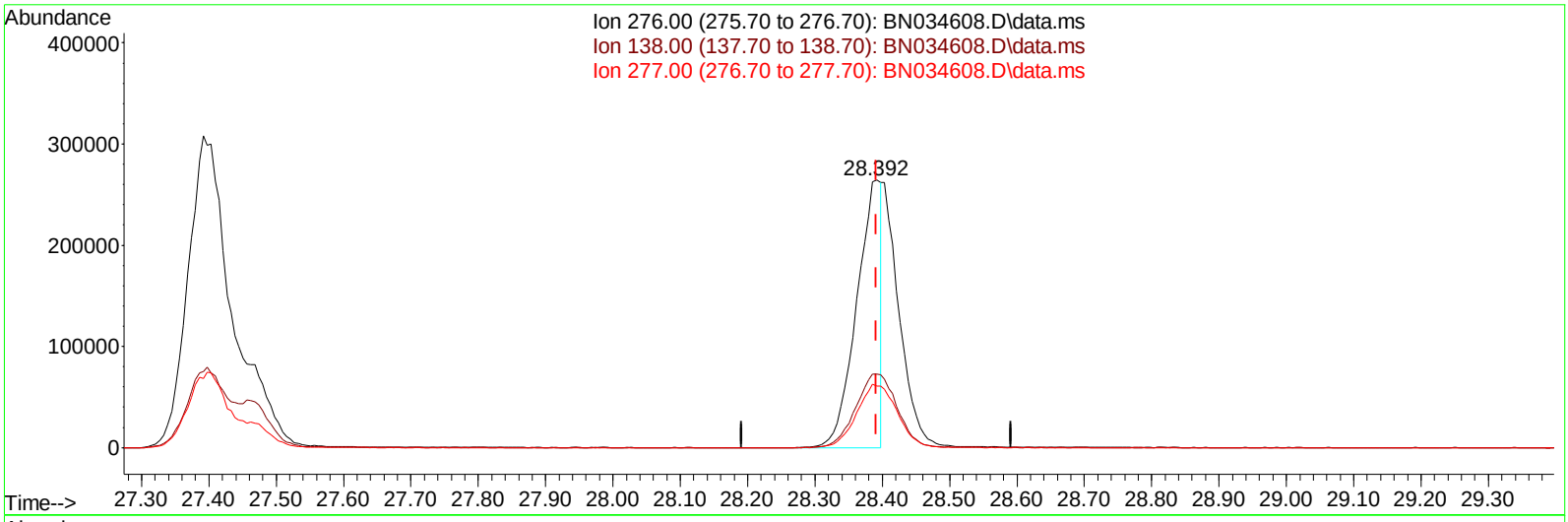

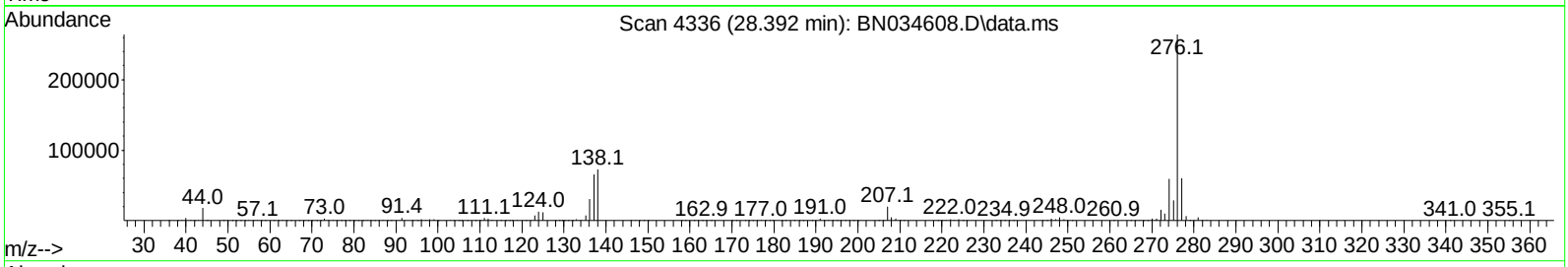

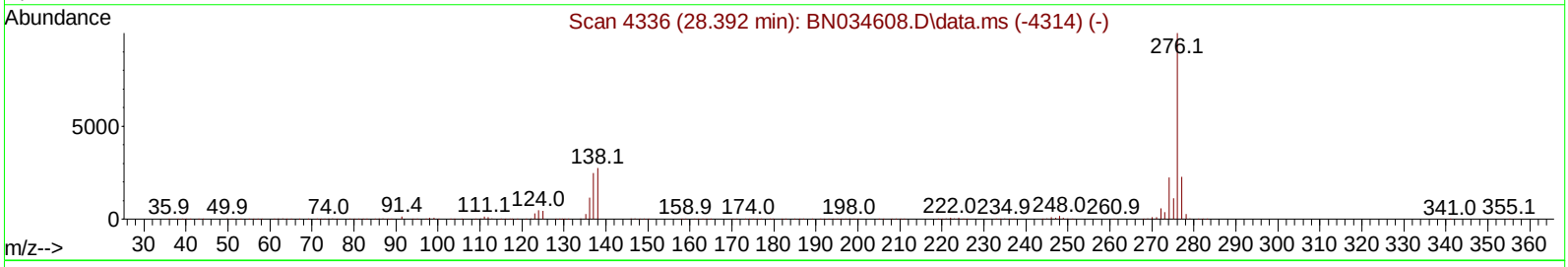

TIC: BN034608.D\data.ms

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

28.392min (0.000) 11.47 ng/ul

response 670155

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	27.37
277.00	22.90	22.89
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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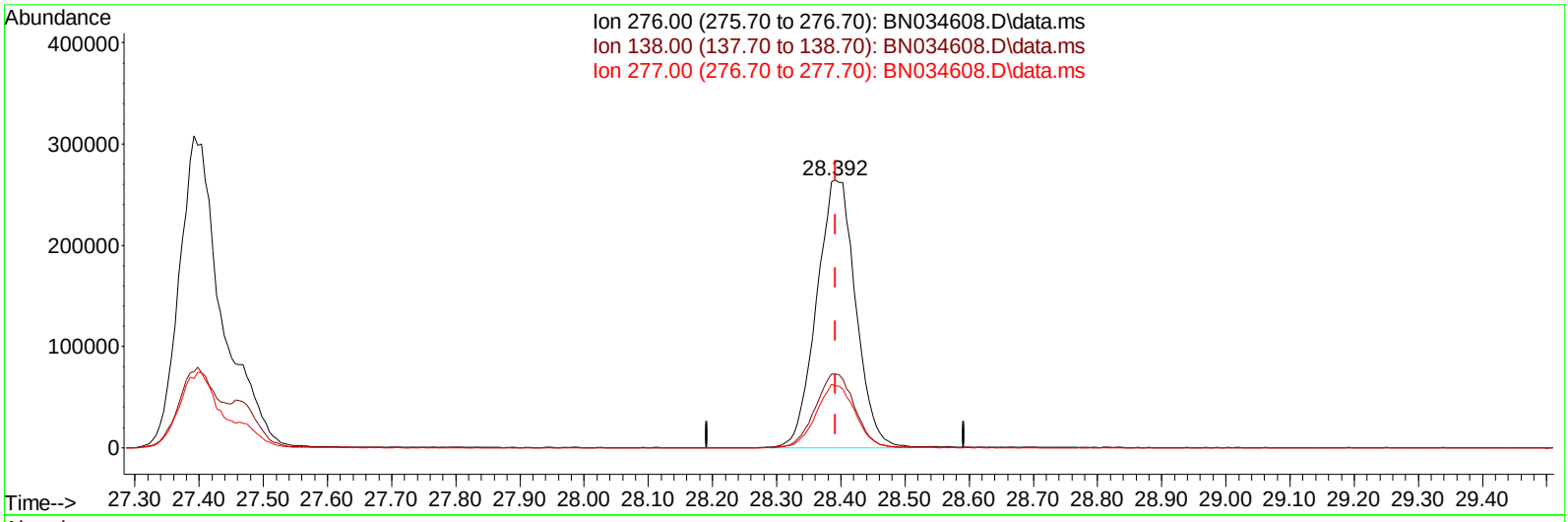

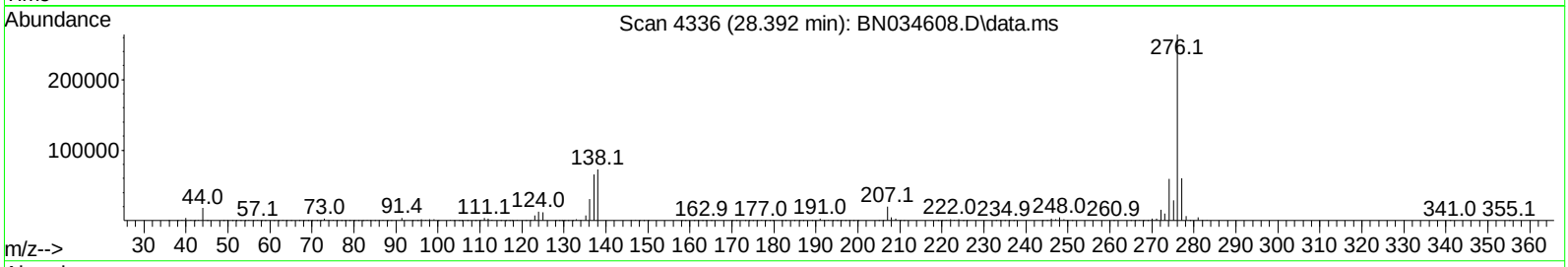

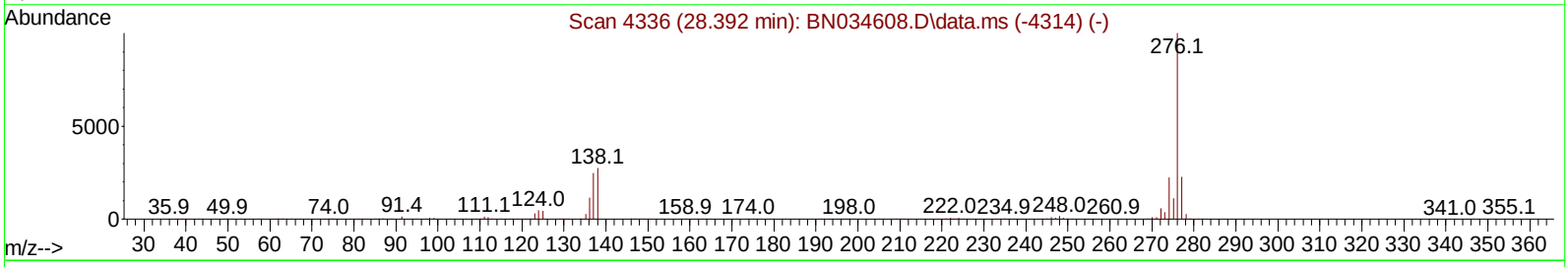

TIC: BN034608.D\data.ms

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

28.392min (0.000) 19.09 ng/ul m

response 1115870

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	27.37
277.00	22.90	22.89
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	207827	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	869283	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	531386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	1031707	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	916159	20.000	ng/ul	0.00
88) Perylene-d12	24.156	264	1052714	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	41992	8.147	ng/uL	0.00
4) Pyridine-d5	3.599	84	311858	20.239	ng/ul	0.00
7) Phenol-d5	6.834	99	342554	18.603	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	215357	18.873	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	271053	18.755	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	265770	17.714	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	126122	18.399	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	97628	14.447	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	230614	17.495	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	396629	19.371	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	693693	17.755	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	866706	19.337	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	121353	15.443	ng/ul	0.00
60) Fluorene-d10	15.292	176	603324	18.106	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	54759	9.721	ng/ul	0.00
73) Anthracene-d10	17.139	188	921138	19.028	ng/ul	0.00
81) Pyrene-d10	19.433	212	969491	19.068	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1017120	18.857	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	46690	8.469	ng/uL	100
5) Pyridine	3.616	79	317939	20.185	ng/ul	100
6) Benzaldehyde	6.810	77	236803	24.174	ng/ul	100
8) Phenol	6.857	94	363002	18.859	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.099	93	288330	19.260	ng/ul	100
12) 2-Chlorophenol	7.228	128	281641	18.966	ng/ul	100
13) 2-Methylphenol	8.098	108	265922	18.552	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.193	45	437250	19.813	ng/ul	100
16) Acetophenone	8.475	105	437794	18.352	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.469	70	214143	18.220	ng/ul	100
18) 4-Methylphenol	8.428	108	289124	18.226	ng/ul	100
19) Hexachloroethane	8.740	117	117994	18.798	ng/ul	100
22) Nitrobenzene	8.851	77	304527	17.845	ng/ul	100
23) Isophorone	9.375	82	600118	18.819	ng/ul	100
25) 2-Nitrophenol	9.557	139	117931	15.519	ng/ul	100
26) 2,4-Dimethylphenol	9.622	107	294180	18.178	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.863	93	370080	18.838	ng/ul	100
29) 2,4-Dichlorophenol	10.087	162	233671	17.514	ng/ul	100
30) Naphthalene	10.492	128	922042	19.255	ng/ul	100
32) 4-Chloroaniline	10.592	127	377400	18.811	ng/ul	100
33) Hexachlorobutadiene	10.787	225	138166	16.334	ng/ul	100
34) Caprolactam	11.334	113	87943	17.698	ng/ul	100
35) 4-Chloro-3-methylphenol	11.722	107	265879	17.066	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	601039	18.451	ng/ul	100
37) 1-Methylnaphthalene	12.328	142	607524	18.439	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.481	216	268538	17.806	ng/ul	100
40) Hexachlorocyclopentadiene	12.469	237	136854	15.913	ng/ul	100
41) 2,4,6-Trichlorophenol	12.722	196	157126	16.076	ng/ul	100
42) 2,4,5-Trichlorophenol	12.786	196	171112	15.899	ng/ul	100
43) 1,1'-Biphenyl	13.134	154	754310	18.824	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	586227	18.808	ng/ul	100
45) 2-Nitroaniline	13.363	65	155086	16.005	ng/ul	100
47) Dimethylphthalate	13.769	163	692155	17.452	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	121249	15.859	ng/ul	100
50) Acenaphthylene	14.016	152	932085	19.069	ng/ul	100
51) 3-Nitroaniline	14.192	138	151528	17.682	ng/ul	100
52) Acenaphthene	14.363	153	645914	18.619	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	34243	7.996	ng/ul	100
55) 4-Nitrophenol	14.498	109	93337	14.266	ng/ul	100
56) Dibenzofuran	14.698	168	861770	18.273	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	173926	15.266	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.922	232	122598	14.136	ng/ul	100
59) Diethylphthalate	15.145	149	711085	17.217	ng/ul	100
61) Fluorene	15.351	166	695171	18.018	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	308092	16.750	ng/ul	100
63) 4-Nitroaniline	15.357	138	161274	18.274	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.422	198	67245	10.650	ng/ul	100
67) N-Nitrosodiphenylamine	15.563	169	604515	19.426	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	181561	17.584	ng/ul	100
69) Hexachlorobenzene	16.345	284	204931	17.247	ng/ul	100
70) Atrazine	16.522	200	201485	18.245	ng/ul	100
71) Pentachlorophenol	16.692	266	103477	13.457	ng/ul	100
72) Phenanthrene	17.086	178	1049956	18.581	ng/ul	100
74) Anthracene	17.174	178	1085498	18.751	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.086	216	261700	18.364	ng/uL	100
76) Pentachlorobenzene	14.616	250	253041	17.562	ng/uL	100
77) Carbazole	17.439	167	1056823	19.640	ng/ul	100
78) Di-n-butylphthalate	18.039	149	1196220	17.940	ng/ul	100
80) Fluoranthene	19.104	202	1178062	19.645	ng/ul	100
82) Pyrene	19.463	202	1276100	19.726	ng/ul	100
83) Butylbenzylphthalate	20.398	149	473572	16.919	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	392838	19.151	ng/ul	100
85) Benzo(a)anthracene	21.251	228	1215634	18.692	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	725067	17.610	ng/ul	100
87) Chrysene	21.310	228	1151728	18.561	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	1218123	17.719	ng/ul	100
90) Benzo(b)fluoranthene	23.256	252	1196971	18.720	ng/ul	100
91) Benzo(k)fluoranthene	23.315	252	1211089	19.108	ng/ul	100
93) Benzo(a)pyrene	24.027	252	1144891	18.912	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.392	276	1419418m	18.915	ng/ul	
95) Dibenzo(a,h)anthracene	27.468	278	1160445	19.041	ng/ul	100
96) Benzo(g,h,i)perylene	28.392	276	1115870m	19.092	ng/ul	

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

Instrument :
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Manual IntegrationsAPPROVED

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