Quantitation Report (Qedit)

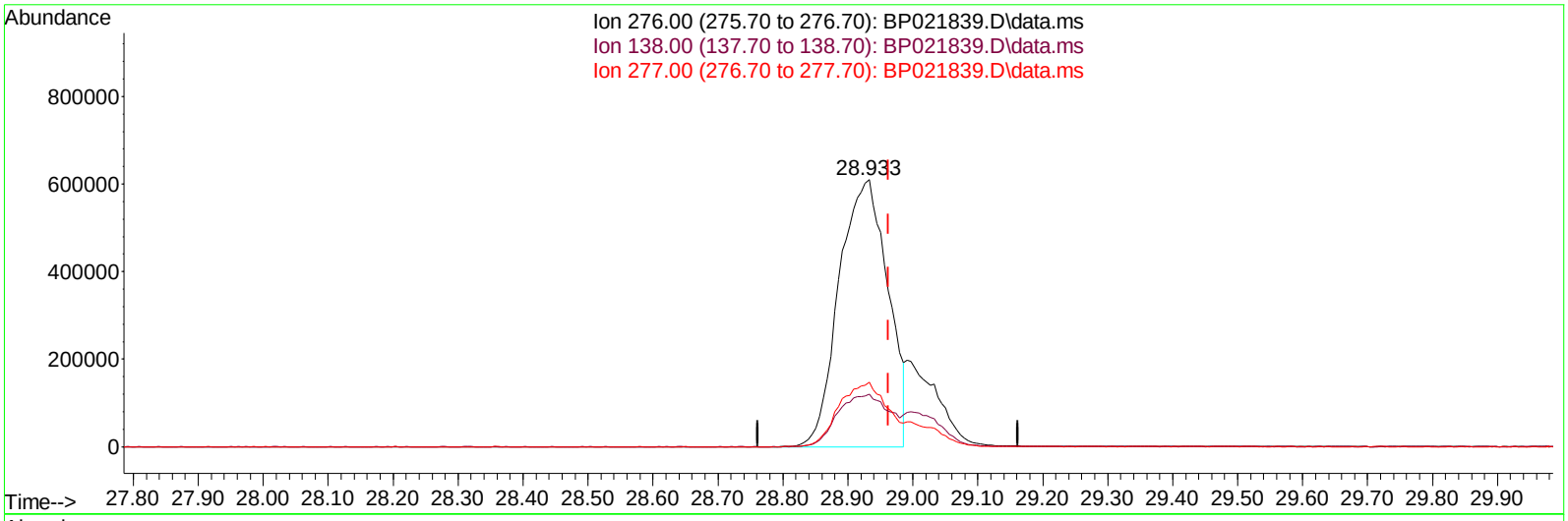
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090424\
Data File : BP021839.D
Acq On : 05 Sep 2024 08:43
Operator : RC/JU
Sample : PB163099BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

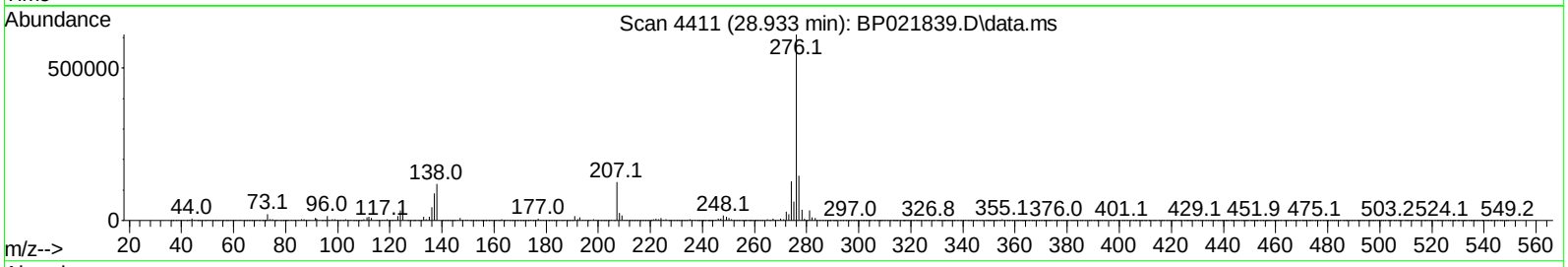
Quant Time: Sep 06 01:39:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 05:03:57 2024
Response via : Initial Calibration

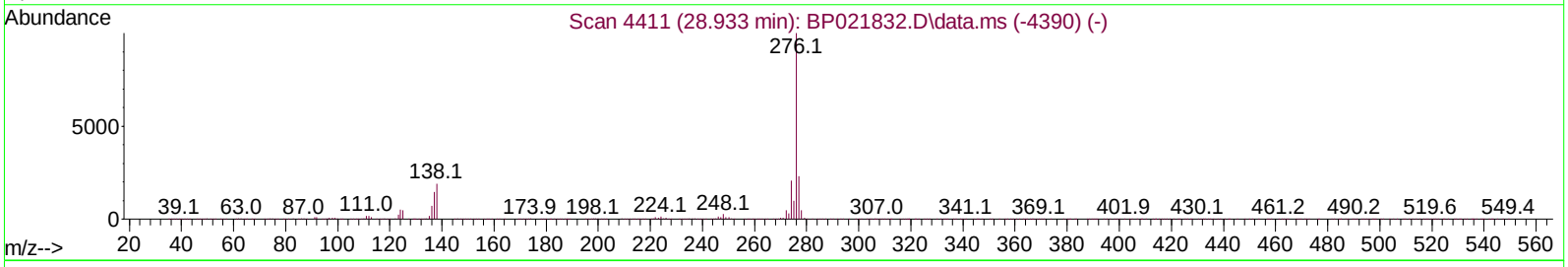
Instrument :
BNA_P
ClientSampleId :
SLCS099

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024







TIC: BP021839.D\data.ms

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

28.933min (-0.030) 24.46 ng/ul

response 3171734

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.75
277.00	23.80	24.11
0.00	0.00	0.00

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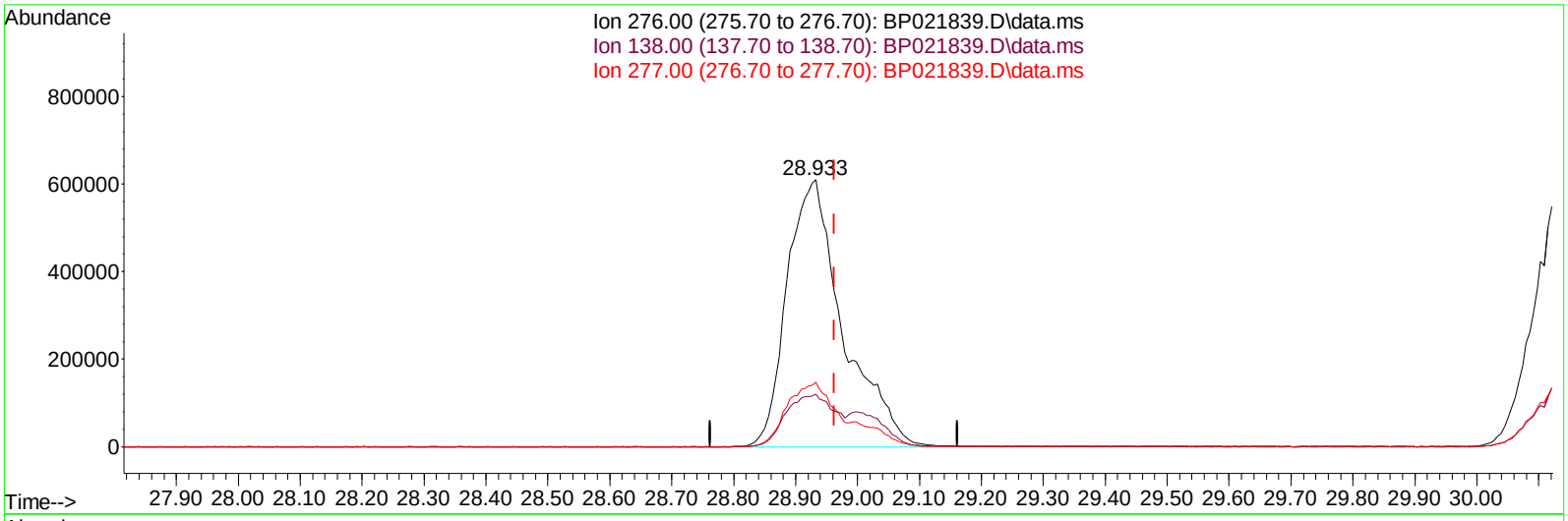

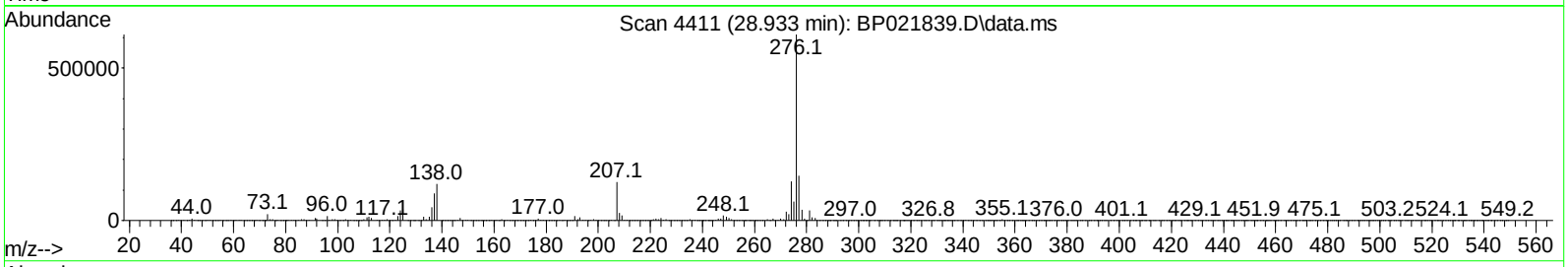

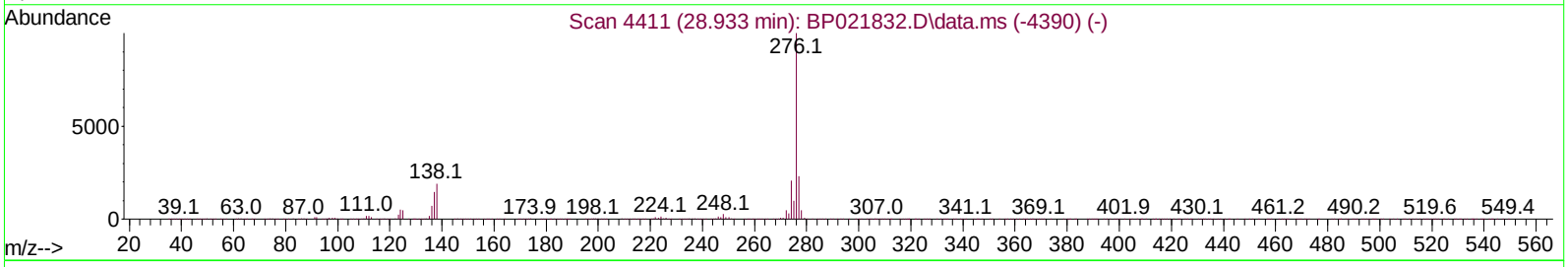

TIC: BP021839.D\data.ms

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

28.933min (-0.030) 29.56 ng/ul m

response 3832865

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.75
277.00	23.80	24.11
0.00	0.00	0.00

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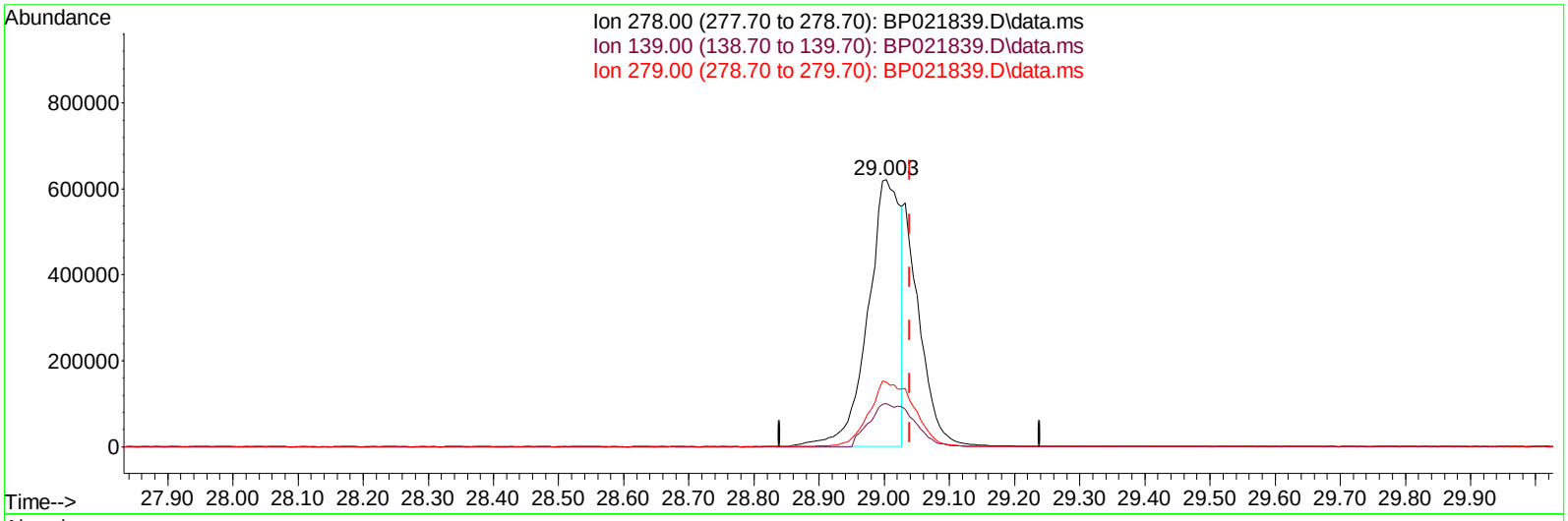

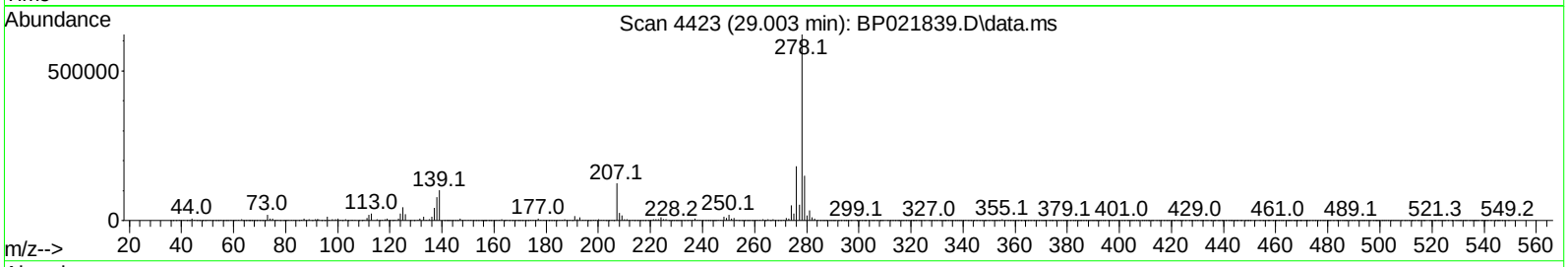

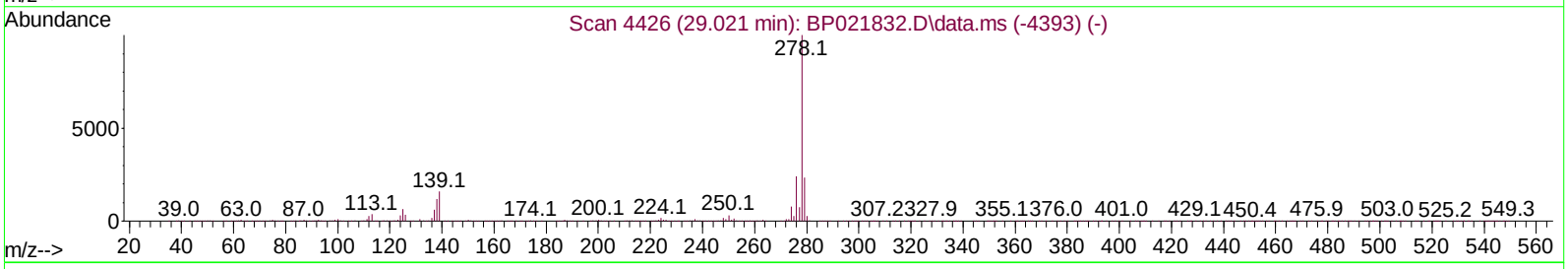

TIC: BP021839.D\data.ms

(95) Dibenzo(a,h)anthracene

29.003min (-0.036) 20.74 ng/ul

response 2161036

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.14
279.00	23.60	24.16
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB163099BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 06 01:39:08 2024
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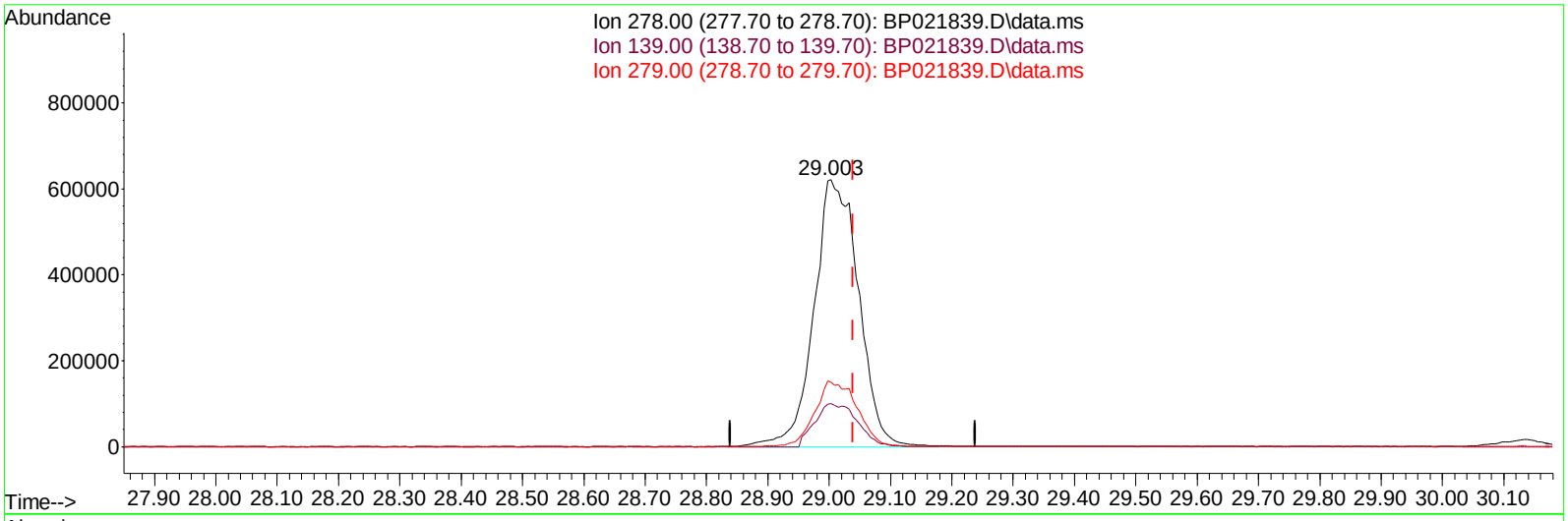

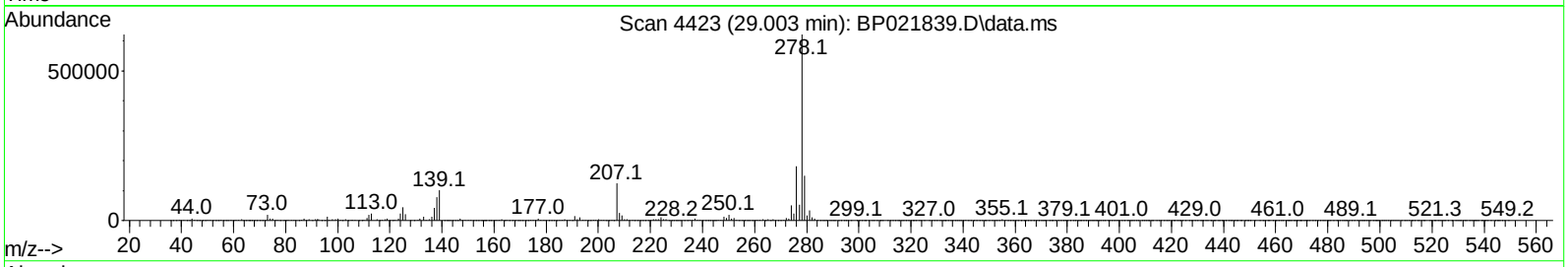

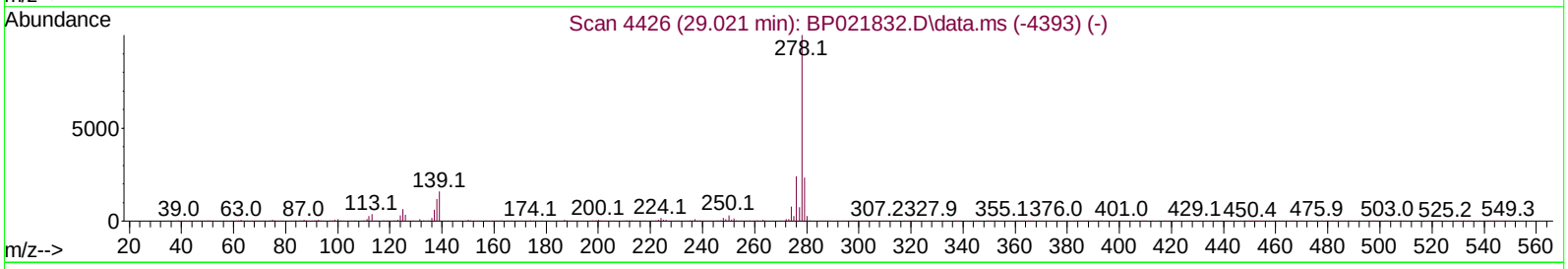

TIC: BP021839.D\data.ms

(95) Dibenzo(a,h)anthracene

29.003min (-0.036) 30.12 ng/ul m

response 3138356

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.14
279.00	23.60	24.16
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB163099BS
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/07/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	235083	20.000	ng/ul	0.01
20) Naphthalene-d8	10.551	136	994724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	653009	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1467452	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	1515231	20.000	ng/ul	0.00
88) Perylene-d12	25.074	264	1744674	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	46665	6.590	ng/uL	0.00
4) Pyridine-d5	3.681	84	575160	28.083	ng/ul	0.00
7) Phenol-d5	6.945	99	758350	30.227	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.104	67	395963	29.002	ng/ul	0.01
11) 2-Chlorophenol-d4	7.310	132	489767	30.238	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	574957	29.658	ng/ul	0.01
21) Nitrobenzene-d5	8.916	128	245424	30.667	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	259783	31.979	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.175	165	477764	29.845	ng/ul	0.00
31) 4-Chloroaniline-d4	10.686	131	607480	26.084	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	1483027	29.680	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	1685121	30.038	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	307238	32.320	ng/ul	0.00
60) Fluorene-d10	15.421	176	1288174	30.665	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.533	200	246334	30.521	ng/ul	0.00
73) Anthracene-d10	17.316	188	2043397	29.341	ng/ul	0.00
81) Pyrene-d10	19.698	212	2593379	29.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.845	264	2819191	30.303	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	81752	10.863	ng/uL	98
5) Pyridine	3.699	79	573541	28.024	ng/ul	98
6) Benzaldehyde	6.916	77	323811	25.234	ng/ul	99
8) Phenol	6.975	94	776225	29.673	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.198	93	592421	29.135	ng/ul	99
12) 2-Chlorophenol	7.345	128	521542	30.678	ng/ul	99
13) 2-Methylphenol	8.210	108	555316	29.426	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.298	45	568909	28.987	ng/ul	98
16) Acetophenone	8.587	105	913999	29.408	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.569	70	420808	28.691	ng/ul	96
18) 4-Methylphenol	8.540	108	608895	29.471	ng/ul	100
19) Hexachloroethane	8.845	117	229315	30.167	ng/ul	93
22) Nitrobenzene	8.957	77	674921	30.244	ng/ul	99
23) Isophorone	9.486	82	1283252	28.657	ng/ul	99
25) 2-Nitrophenol	9.669	139	281849	31.315	ng/ul	97
26) 2,4-Dimethylphenol	9.734	107	533139	24.134	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.963	93	804373	28.642	ng/ul	99
29) 2,4-Dichlorophenol	10.204	162	475599	29.566	ng/ul	98
30) Naphthalene	10.604	128	1639050	29.236	ng/ul	99
32) 4-Chloroaniline	10.710	127	570819	24.277	ng/ul	98
33) Hexachlorobutadiene	10.892	225	303400	28.110	ng/ul	99
34) Caprolactam	11.492	113	199040	29.260	ng/ul	94
35) 4-Chloro-3-methylphenol	11.845	107	659556	30.978	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/07/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.216	142	1086918	28.663	ng/ul	99
37) 1-Methylnaphthalene	12.433	142	1091656	28.622	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.586	216	586972	28.520	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	278938	23.619	ng/ul	96
41) 2,4,6-Trichlorophenol	12.828	196	339391	25.612	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	395223	27.621	ng/ul	98
43) 1,1'-Biphenyl	13.233	154	1457402	29.499	ng/ul	98
44) 2-Chloronaphthalene	13.275	162	1139511	29.416	ng/ul	98
45) 2-Nitroaniline	13.475	65	408470	33.660	ng/ul	95
47) Dimethylphthalate	13.863	163	1500031	29.981	ng/ul	99
48) 2,6-Dinitrotoluene	13.975	165	301997	32.729	ng/ul	98
50) Acenaphthylene	14.127	152	1886575	31.269	ng/ul	99
51) 3-Nitroaniline	14.304	138	333774	33.102	ng/ul	92
52) Acenaphthene	14.480	153	1240322	29.233	ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	158629	28.716	ng/ul	99
55) 4-Nitrophenol	14.627	109	303107	34.823	ng/ul	94
56) Dibenzofuran	14.810	168	1747172	29.765	ng/ul	98
57) 2,4-Dinitrotoluene	14.774	165	451848	32.587	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.039	232	294532	23.892	ng/ul	93
59) Diethylphthalate	15.245	149	1540434	30.660	ng/ul	99
61) Fluorene	15.474	166	1433595	30.195	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.474	204	695952	29.172	ng/ul	98
63) 4-Nitroaniline	15.492	138	374226	38.401	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.545	198	263271	29.161	ng/ul#	92
67) N-Nitrosodiphenylamine	15.686	169	1251497	28.991	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	459033	28.335	ng/ul	94
69) Hexachlorobenzene	16.498	284	526232	27.362	ng/ul	96
70) Atrazine	16.663	200	13967	0.853	ng/ul	97
71) Pentachlorophenol	16.857	266	239363	19.447	ng/ul	98
72) Phenanthrene	17.257	178	2429553	30.157	ng/ul	99
74) Anthracene	17.357	178	2372544	29.069	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	586648	26.889	ng/uL	99
76) Pentachlorobenzene	14.733	250	579827	25.641	ng/uL	100
77) Carbazole	17.633	167	2341934	31.903	ng/ul	100
78) Di-n-butylphthalate	18.227	149	2715816	30.394	ng/ul	99
80) Fluoranthene	19.351	202	3031412	29.991	ng/ul	99
82) Pyrene	19.727	202	3182748	29.731	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1348957	30.777	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.574	252	1073450	28.112	ng/ul	98
85) Benzo(a)anthracene	21.656	228	3341024	30.997	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	1943513	30.043	ng/ul	99
87) Chrysene	21.721	228	3094836	30.509	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	3411762	30.894	ng/ul	100
90) Benzo(b)fluoranthene	24.003	252	3434426	31.461	ng/ul	99
91) Benzo(k)fluoranthene	24.074	252	3349839	31.344	ng/ul	99
93) Benzo(a)pyrene	24.909	252	3010790	29.936	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	3832865m	29.557	ng/ul	
95) Dibenzo(a,h)anthracene	29.003	278	3138356m	30.117	ng/ul	
96) Benzo(g,h,i)perylene	30.138	276	3079447	30.734	ng/ul	99

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

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