Quantitation Report (Qedit)

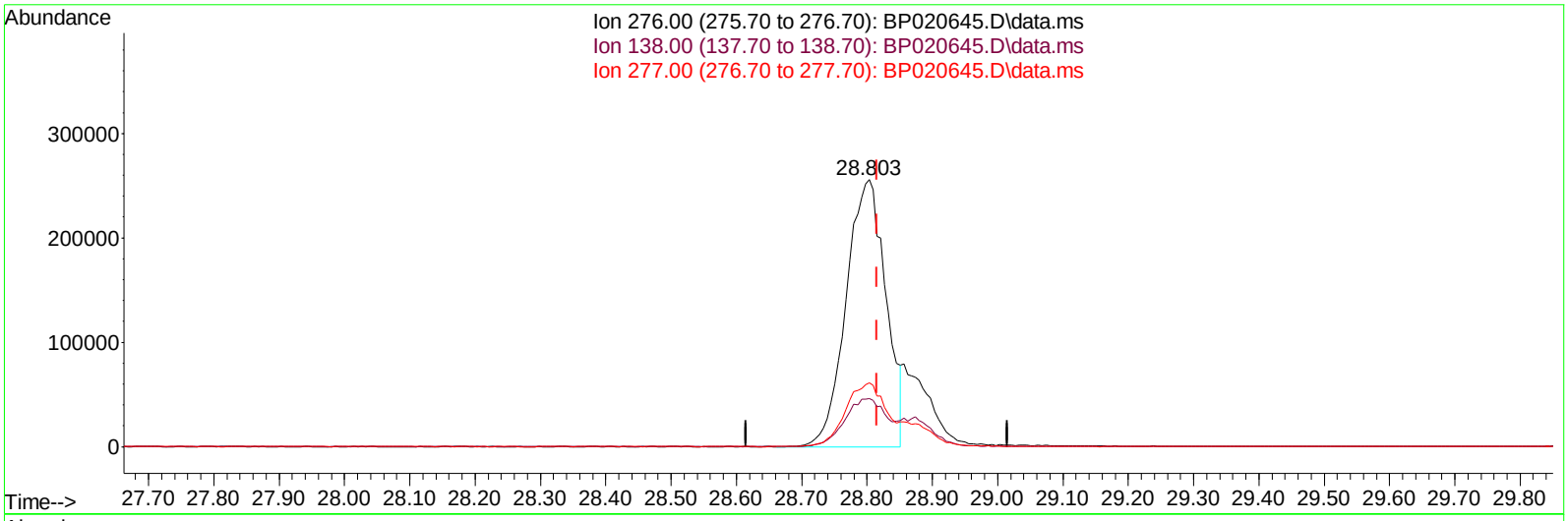
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062624\
Data File : BP020645.D
Acq On : 26 Jun 2024 11:13
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

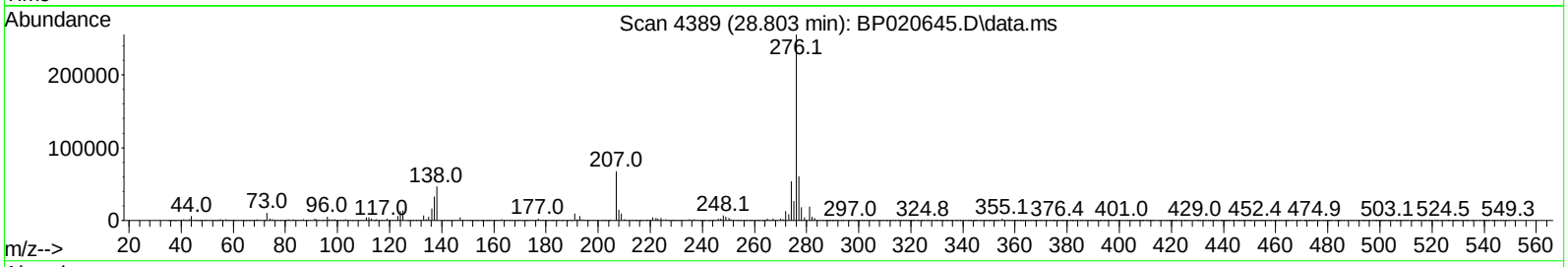
Quant Time: Jun 26 12:47:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

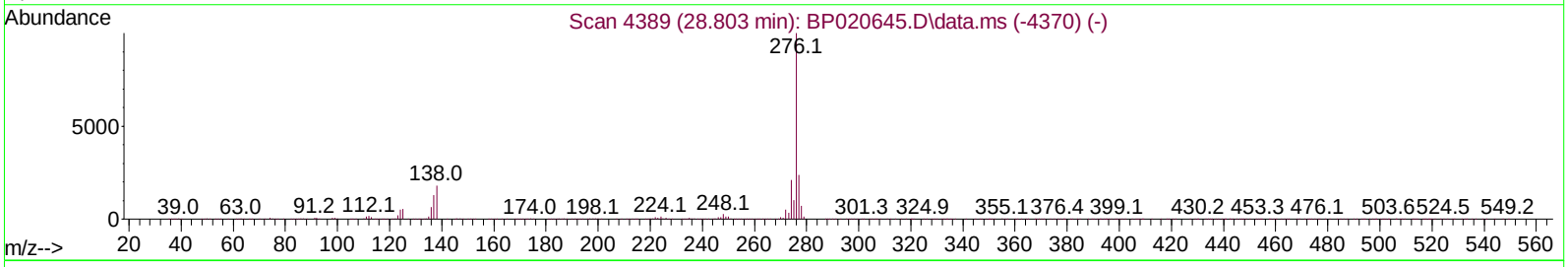
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024







TIC: BP020645.D\data.ms

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

28.803min (-0.012) 16.49 ng/ul

response 1078695

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	18.17
277.00	23.70	23.86
0.00	0.00	0.00

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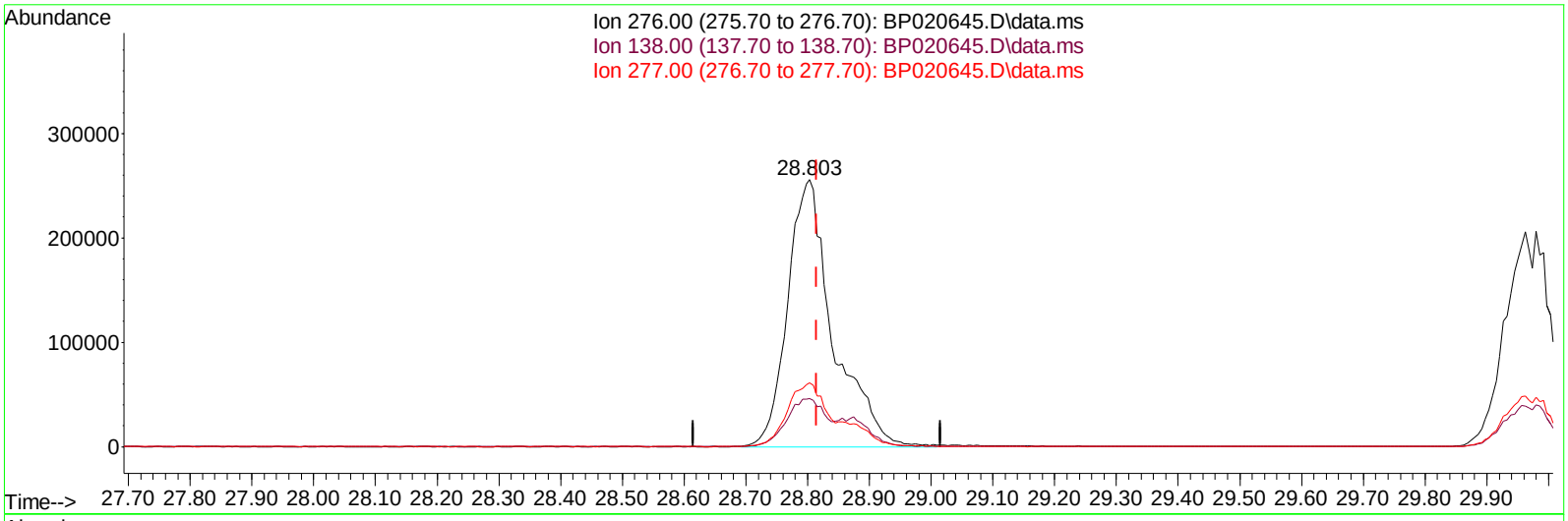

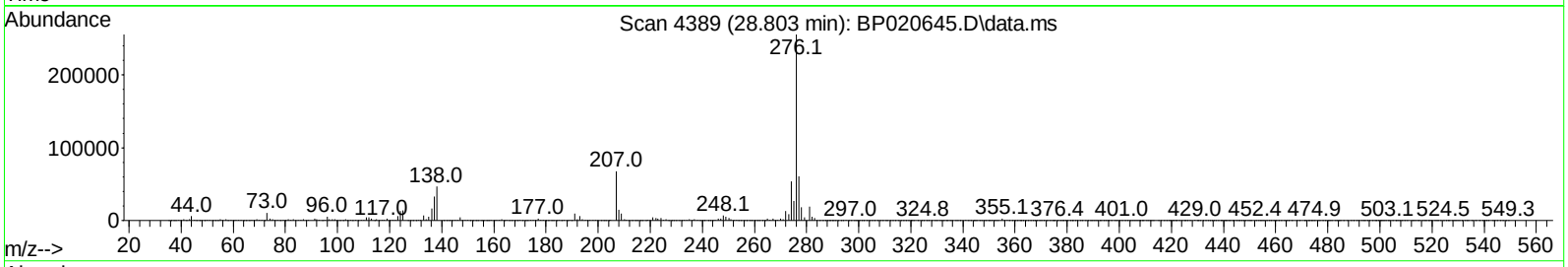

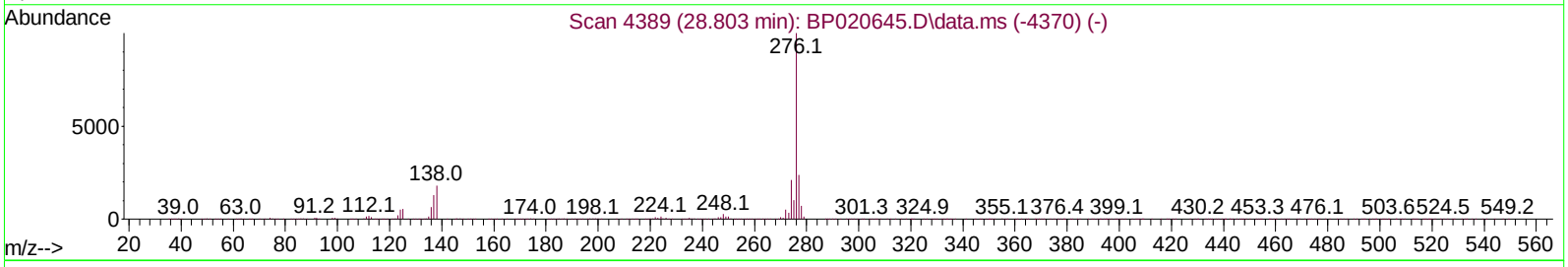

TIC: BP020645.D\data.ms

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

28.803min (-0.012) 20.00 ng/ul m

response 1308024

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	18.17
277.00	23.70	23.86
0.00	0.00	0.00

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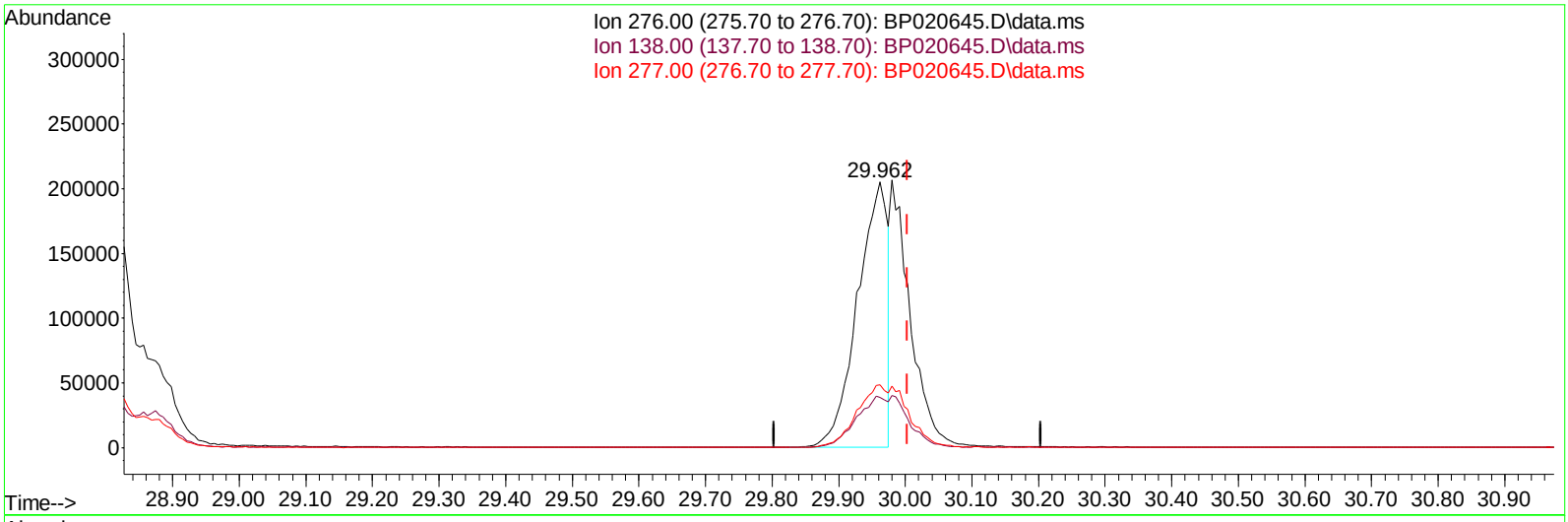

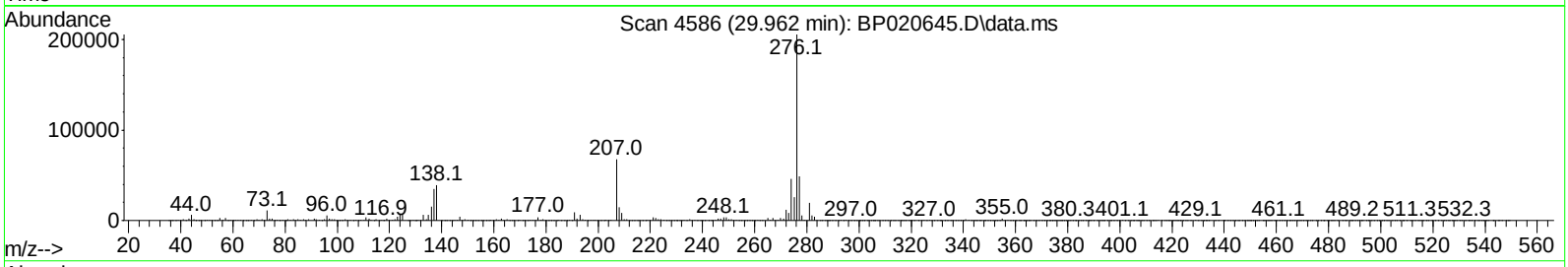

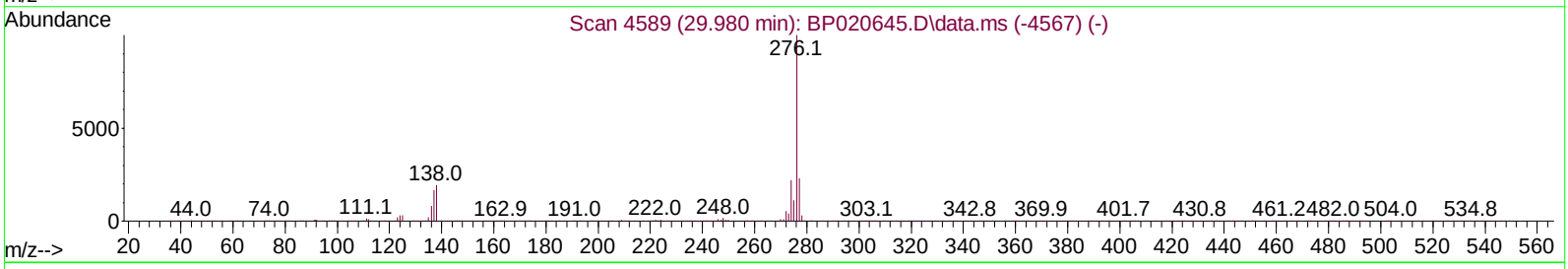

TIC: BP020645.D\data.ms

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

29.962min (-0.041) 11.93 ng/ul

response 637030

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	18.94
277.00	23.40	23.70
0.00	0.00	0.00

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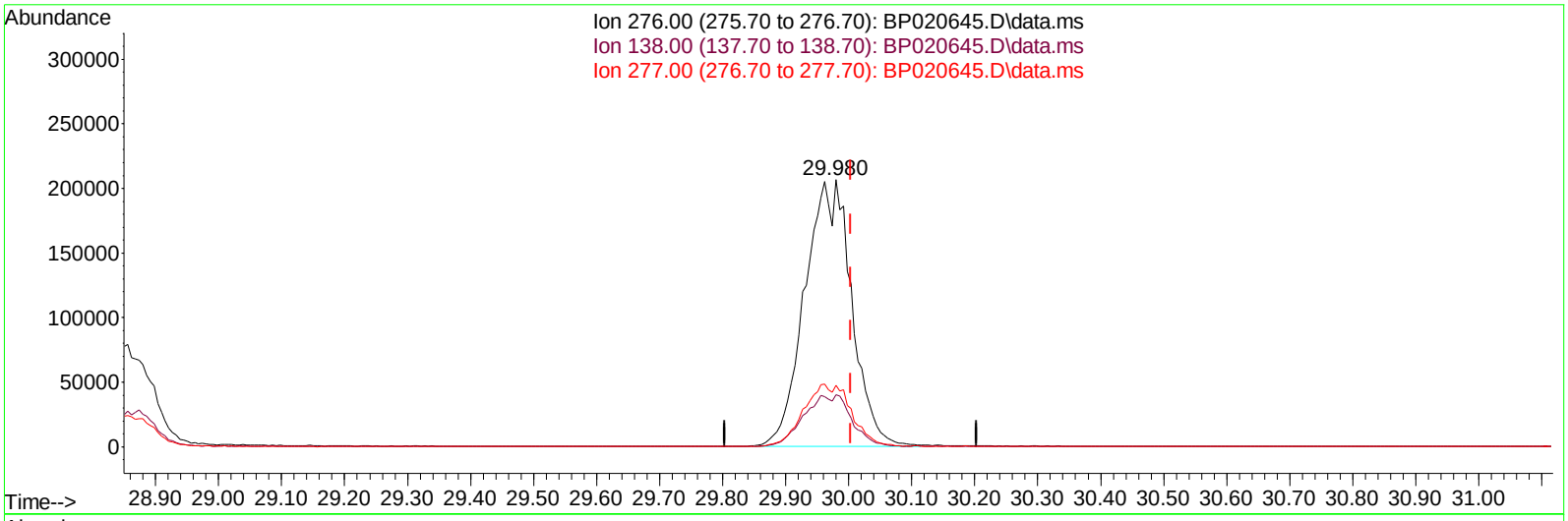

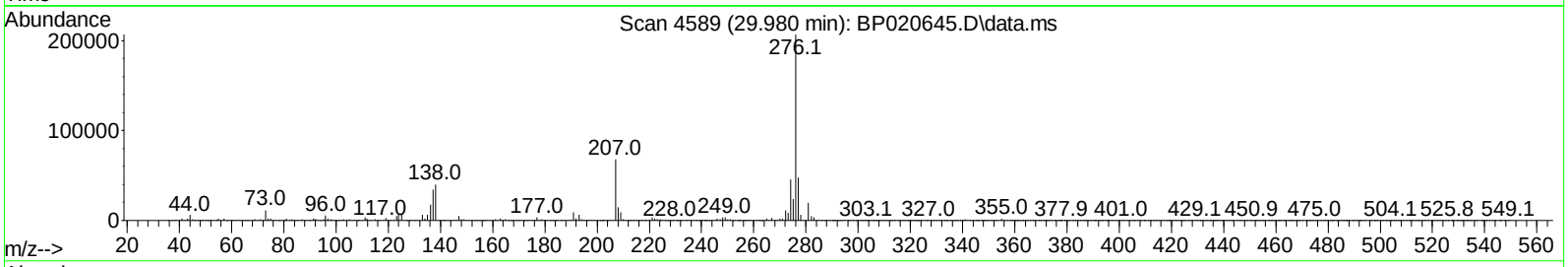

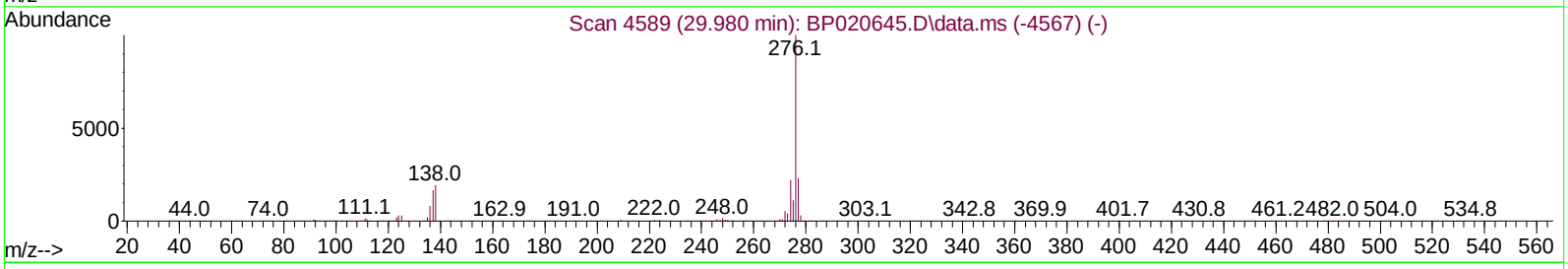

TIC: BP020645.D\data.ms

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

29.980min (-0.024) 19.95 ng/ul m

response 1065338

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	19.46
277.00	23.40	23.01
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	190430	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.516	136	757063	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	453541	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	834871	20.000	ng/ul	-0.01
79) Chrysene-d12	21.627	240	746750	20.000	ng/ul	-0.01
88) Perylene-d12	24.980	264	891701	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	35831	8.080	ng/uL	0.00
4) Pyridine-d5	3.687	84	246359	19.061	ng/ul	0.00
7) Phenol-d5	6.922	99	298590	19.117	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	193263	19.518	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	251242	19.682	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	241950	19.073	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	117289	20.984	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	119657	21.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	234914	20.389	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	316345	19.592	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	613128	19.443	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	731047	19.428	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	91720	19.036	ng/ul	-0.01
60) Fluorene-d10	15.381	176	518429	19.537	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	80430	19.117	ng/ul	0.00
73) Anthracene-d10	17.280	188	753586	20.112	ng/ul	0.00
81) Pyrene-d10	19.663	212	826421	18.422	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	861743	19.867	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	39082	7.875	ng/uL	97
5) Pyridine	3.711	79	260646	19.469	ng/ul	99
6) Benzaldehyde	6.905	77	180362	22.835	ng/ul	99
8) Phenol	6.946	94	309820	19.452	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.181	93	258586	19.610	ng/ul	97
12) 2-Chlorophenol	7.316	128	251612	19.608	ng/ul	100
13) 2-Methylphenol	8.187	108	232845	19.054	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.269	45	381551	19.040	ng/ul	99
16) Acetophenone	8.563	105	388029	19.154	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.546	70	195231	18.131	ng/ul	97
18) 4-Methylphenol	8.510	108	245249	18.960	ng/ul	99
19) Hexachloroethane	8.804	117	113151	20.312	ng/ul	99
22) Nitrobenzene	8.940	77	292947	20.218	ng/ul	100
23) Isophorone	9.457	82	537770	18.731	ng/ul	98
25) 2-Nitrophenol	9.646	139	130645	21.628	ng/ul	96
26) 2,4-Dimethylphenol	9.699	107	276728	19.670	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.940	93	325622	19.065	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	228910	20.073	ng/ul	98
30) Naphthalene	10.563	128	811026	20.015	ng/ul	100
32) 4-Chloroaniline	10.681	127	298389	19.194	ng/ul	98
33) Hexachlorobutadiene	10.840	225	173877	20.394	ng/ul	100
34) Caprolactam	11.463	113	62165	17.913	ng/ul	93
35) 4-Chloro-3-methylphenol	11.804	107	238428	18.936	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	523388	19.282	ng/ul	100
37) 1-Methylnaphthalene	12.387	142	537732	19.379	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	296915	20.476	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	185179	20.518	ng/ul	99
41) 2,4,6-Trichlorophenol	12.792	196	177946	20.571	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	184535	20.569	ng/ul	97
43) 1,1'-Biphenyl	13.198	154	674847	19.896	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	535075	20.029	ng/ul	100
45) 2-Nitroaniline	13.445	65	137353	20.412	ng/ul	99
47) Dimethylphthalate	13.822	163	624711	19.448	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	119147	20.801	ng/ul	95
50) Acenaphthylene	14.087	152	823857	19.383	ng/ul	100
51) 3-Nitroaniline	14.281	138	110209	20.702	ng/ul	96
52) Acenaphthene	14.434	153	546126	19.369	ng/ul	98
53) 2,4-Dinitrophenol	14.492	184	51405	17.302	ng/ul	97
55) 4-Nitrophenol	14.598	109	82279	19.083	ng/ul	97
56) Dibenzofuran	14.781	168	746090	19.637	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	161151	20.382	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.010	232	149489	20.174	ng/ul	98
59) Diethylphthalate	15.210	149	599232	18.912	ng/ul	99
61) Fluorene	15.439	166	595936	19.522	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.434	204	308942	19.394	ng/ul	99
63) 4-Nitroaniline	15.463	138	105473	20.876	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.522	198	89039	19.756	ng/ul	95
67) N-Nitrosodiphenylamine	15.651	169	494202	20.072	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	186342	20.010	ng/ul	99
69) Hexachlorobenzene	16.457	284	208721	20.022	ng/ul	97
70) Atrazine	16.639	200	171157	19.719	ng/ul	97
71) Pentachlorophenol	16.816	266	119705	19.946	ng/ul	97
72) Phenanthrene	17.222	178	871769	19.941	ng/ul	99
74) Anthracene	17.322	178	890535	19.803	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	288015	21.252	ng/uL	99
76) Pentachlorobenzene	14.692	250	266531	20.635	ng/uL	98
77) Carbazole	17.604	167	758737	20.444	ng/ul	100
78) Di-n-butylphthalate	18.192	149	958839	19.891	ng/ul	99
80) Fluoranthene	19.310	202	984681	17.969	ng/ul	99
82) Pyrene	19.692	202	1015094	18.062	ng/ul	99
83) Butylbenzylphthalate	20.645	149	412246	19.755	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	347232	21.031	ng/ul	100
85) Benzo(a)anthracene	21.610	228	1008143	19.261	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	639104	19.725	ng/ul	100
87) Chrysene	21.674	228	941805	19.036	ng/ul	99
89) Di-n-octyl phthalate	22.833	149	1095186	19.132	ng/ul	100
90) Benzo(b)fluoranthene	23.915	252	1033399	19.130	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	1061009	19.417	ng/ul	98
93) Benzo(a)pyrene	24.827	252	1008875	19.784	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.803	276	1308024m	19.998	ng/ul	
95) Dibenzo(a,h)anthracene	28.874	278	1095768	20.383	ng/ul	99
96) Benzo(g,h,i)perylene	29.980	276	1065338m	19.949	ng/ul	

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

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