Quantitation Report (Qedit)

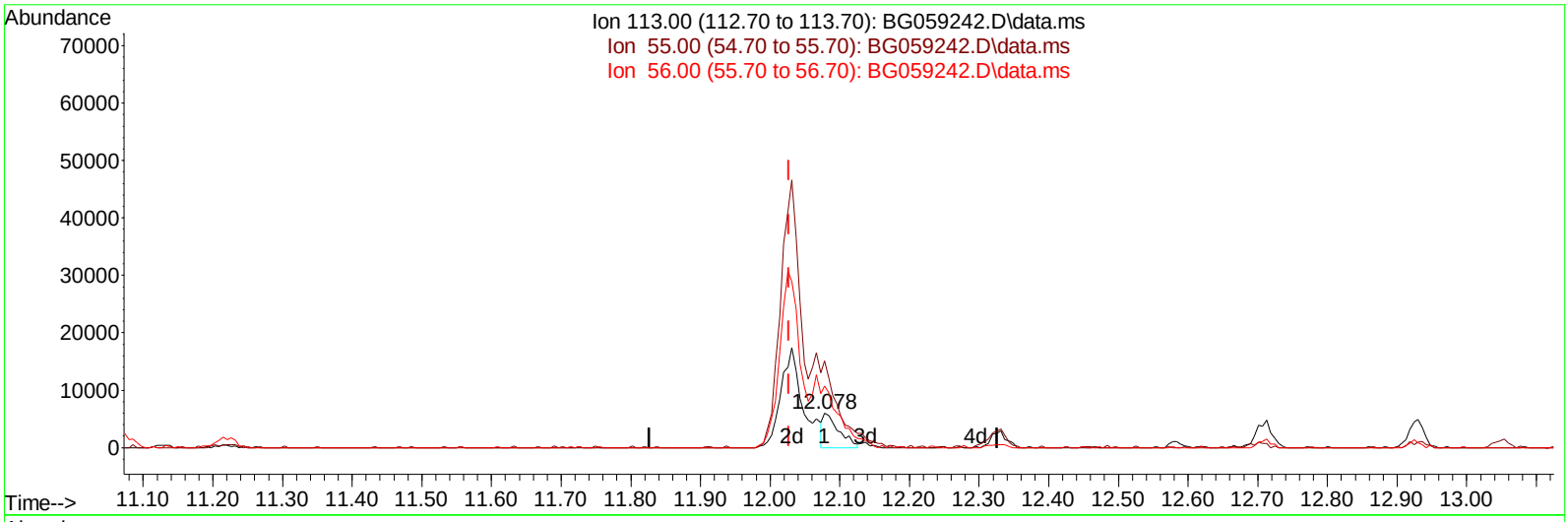
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059242.D
Acq On : 29 Sep 2023 11:18
Operator : MA/JU
Sample : PB155823BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

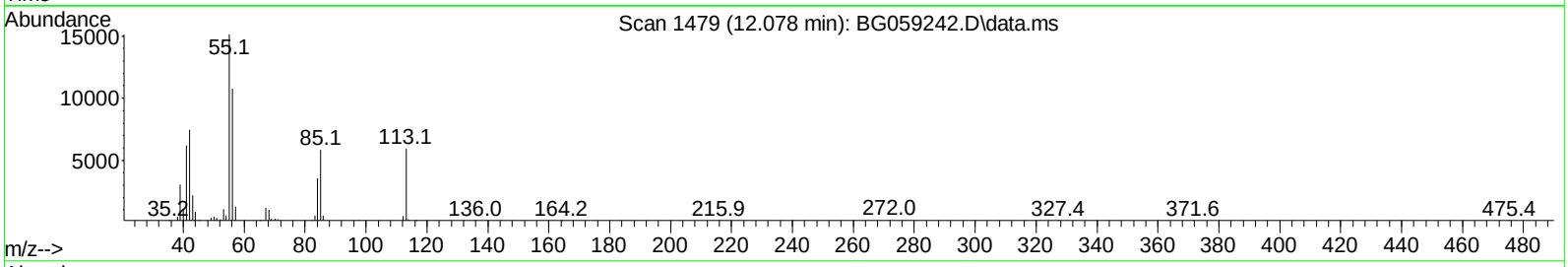
Quant Time: Oct 02 10:25:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

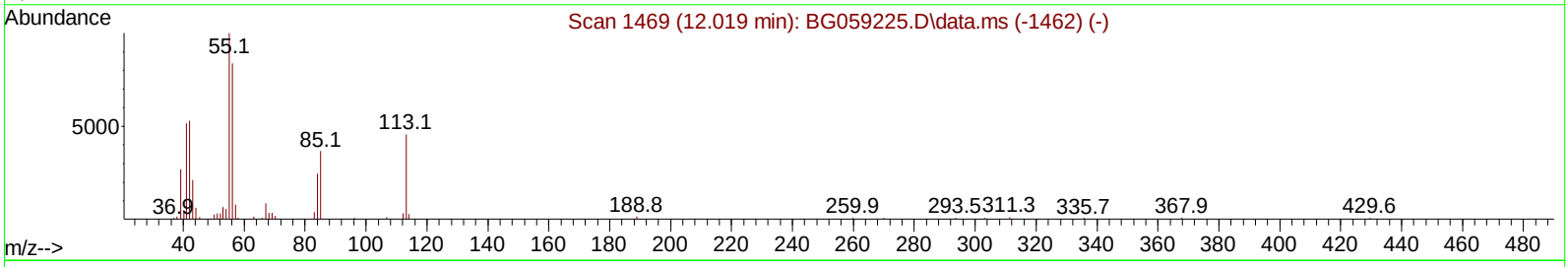
Instrument :
BNA_G
ClientSampleId :
SLCS823

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/03/2023







TIC: BG059242.D\data.ms

(34) Caprolactam

12.078min (+ 0.052) 8.57 ng/ul

response 9272

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	254.38
56.00	209.90	180.69
0.00	0.00	0.00

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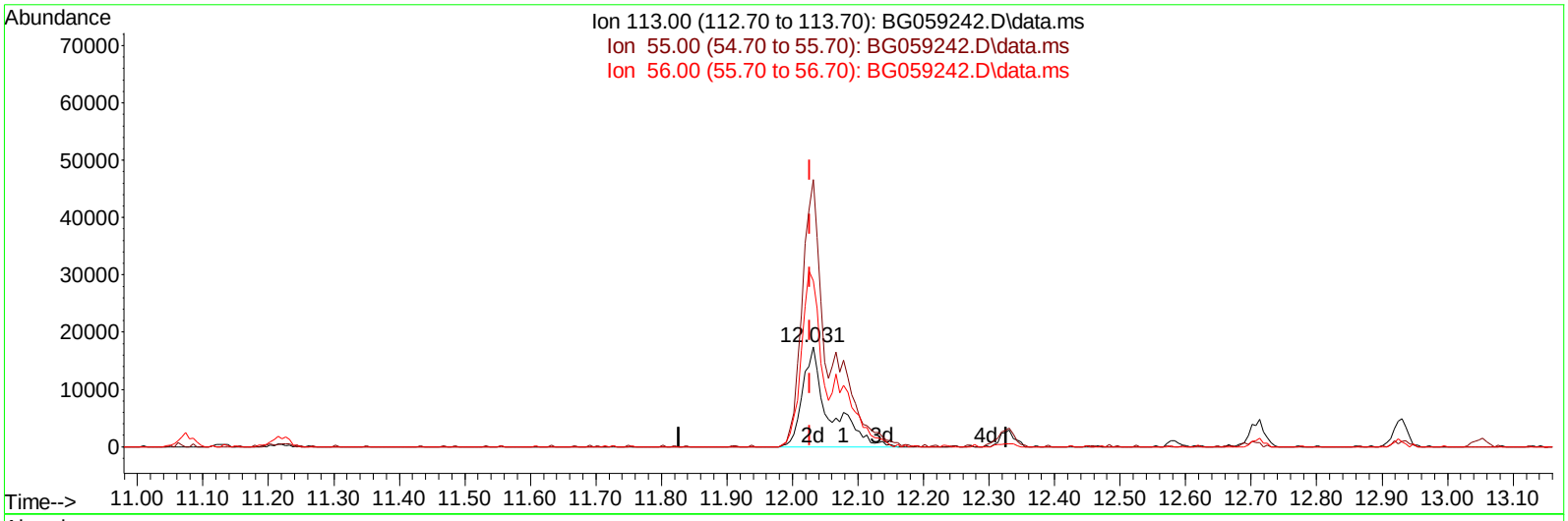

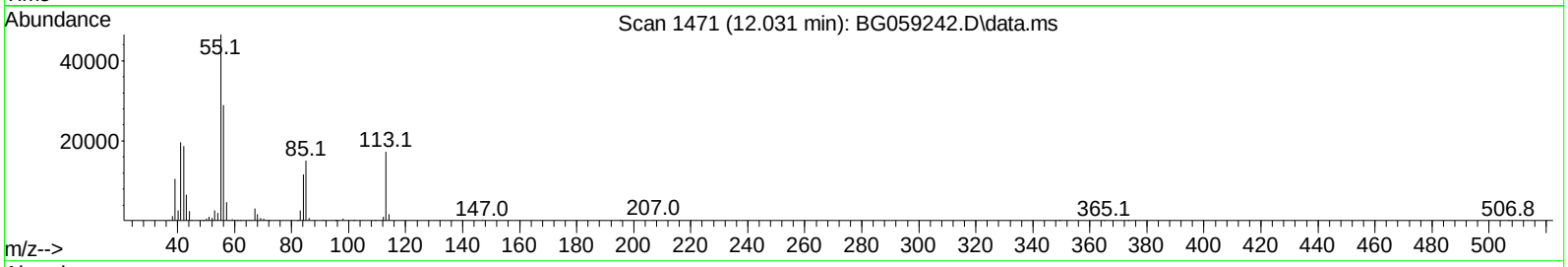

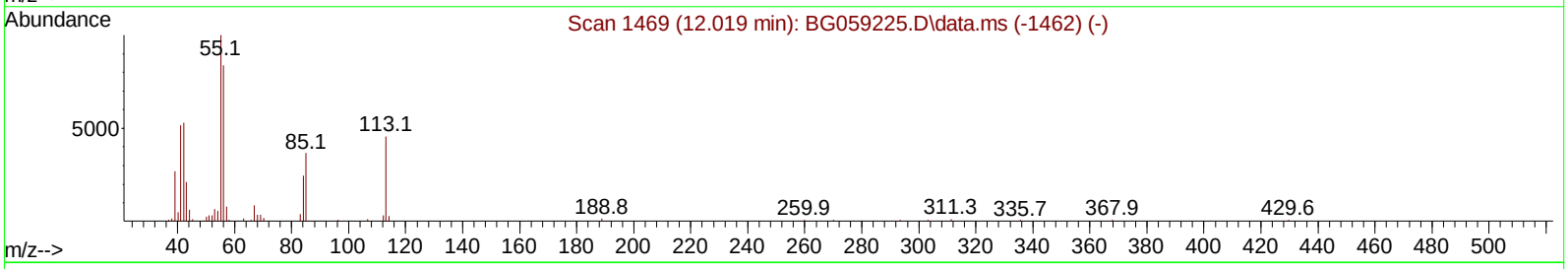

TIC: BG059242.D\data.ms

(34) Caprolactam

12.031min (+ 0.005) 44.52 ng/ul m

response 48166

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	268.17
56.00	209.90	166.84#
0.00	0.00	0.00

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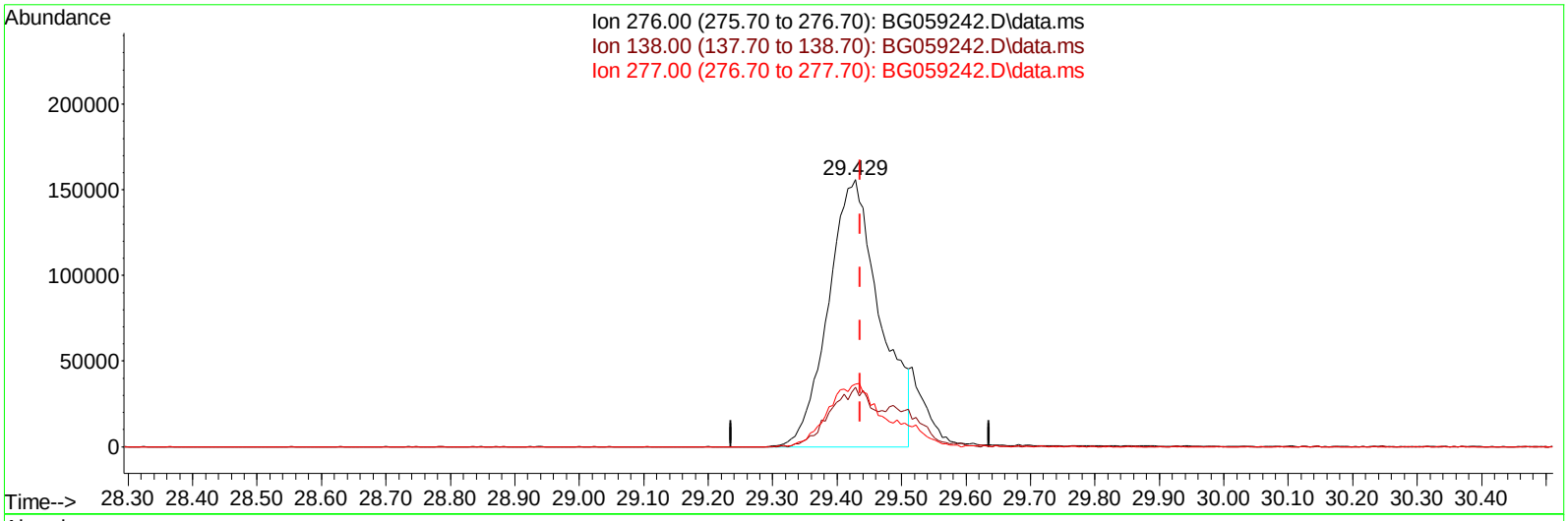

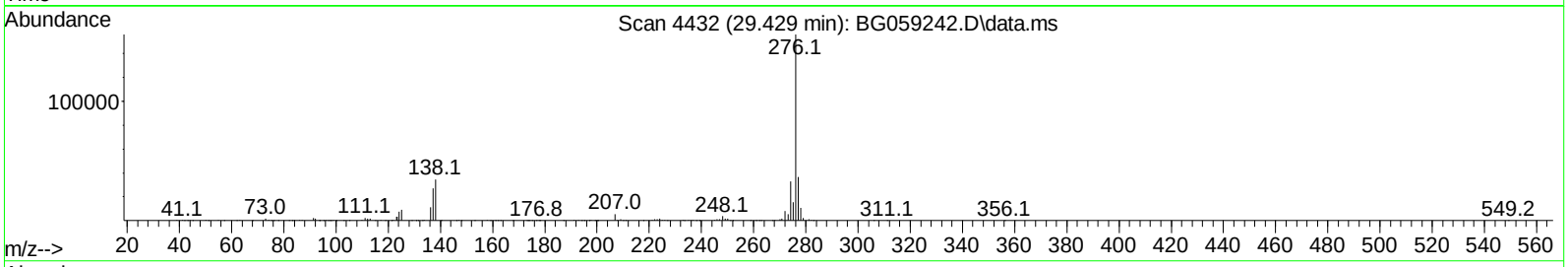

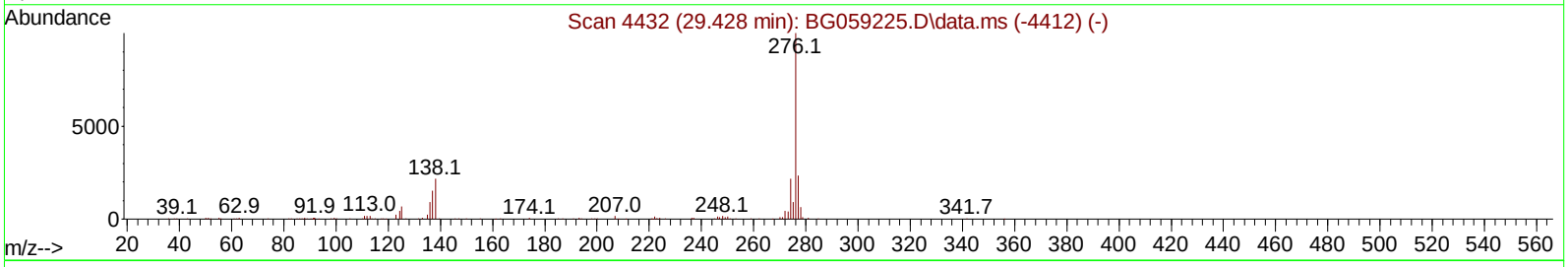

TIC: BG059242.D\data.ms

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

29.429min (-0.007) 41.76 ng/ul

response 868227

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	22.22
277.00	23.30	23.40
0.00	0.00	0.00

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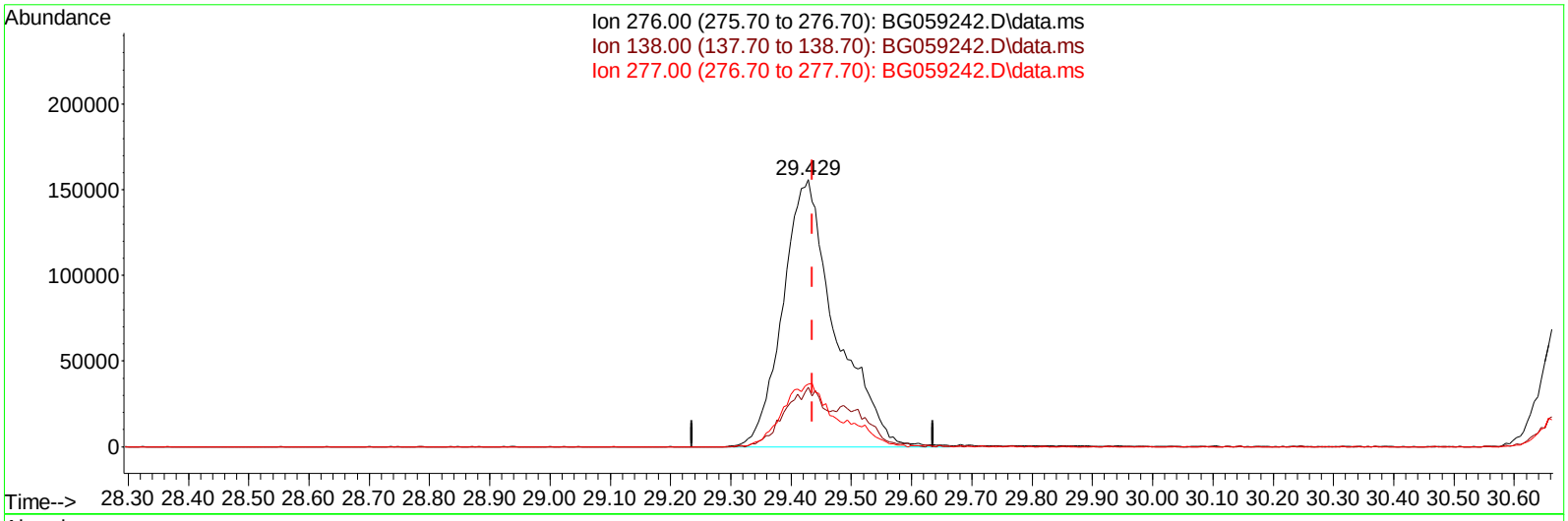

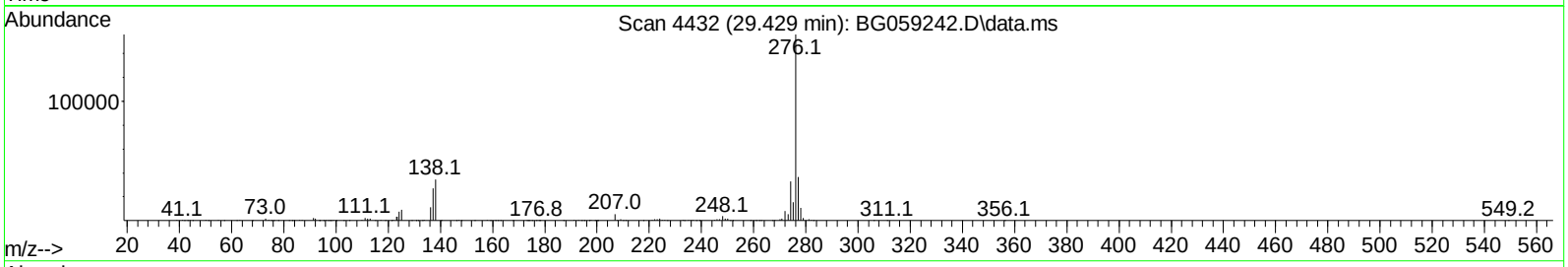

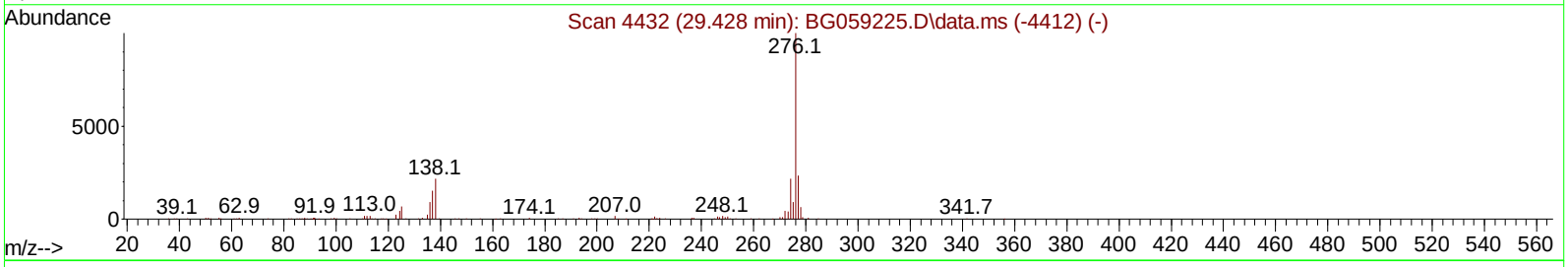

TIC: BG059242.D\data.ms

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

29.429min (-0.007) 45.78 ng/ul m

response 951824

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	22.22
277.00	23.30	23.40
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	46027	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	221017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.863	164	135591	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.613	188	302341	20.000	ng/ul	0.00
79) Chrysene-d12	21.920	240	277164	20.000	ng/ul	0.00
88) Perylene-d12	25.398	264	316137	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	9673	7.932	ng/uL	0.00
4) Pyridine-d5	3.964	84	131263	36.889	ng/ul	0.00
7) Phenol-d5	7.360	99	199606	43.325	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	114265	38.824	ng/ul	0.00
11) 2-Chlorophenol-d4	7.748	132	137973	44.550	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	146902	41.249	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	73366	47.041	ng/ul	0.00
24) 2-Nitrophenol-d4	10.151	143	77494	50.614	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.680	165	146513	46.582	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	203285	39.948	ng/ul	0.00
46) Dimethylphthalate-d6	14.264	166	432906	44.160	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	530864	43.143	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	80490	47.018	ng/ul	0.00
60) Fluorene-d10	15.856	176	402805	43.171	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	74997	48.258	ng/ul	0.00
73) Anthracene-d10	17.713	188	577413	41.914	ng/ul	0.00
81) Pyrene-d10	19.987	212	666019	42.910	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.157	264	682899	44.952	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	21004	14.660	ng/uL#	81
5) Pyridine	3.982	79	127569	35.305	ng/ul	95
6) Benzaldehyde	7.378	77	102653	50.737	ng/ul	88
8) Phenol	7.390	94	205683	44.878	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.648	93	157401	41.875	ng/ul	96
12) 2-Chlorophenol	7.783	128	147154	45.065	ng/ul	96
13) 2-Methylphenol	8.659	108	141367	40.826	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.735	45	336815	40.533	ng/ul	99
16) Acetophenone	9.076	105	230800	41.845	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.041	70	115484	41.277	ng/ul	99
18) 4-Methylphenol	8.994	108	157103	42.821	ng/ul	93
19) Hexachloroethane	9.311	117	55874	43.434	ng/ul	93
22) Nitrobenzene	9.475	77	175286	45.529	ng/ul	95
23) Isophorone	9.981	82	353945	42.752	ng/ul	97
25) 2-Nitrophenol	10.181	139	88648	52.548	ng/ul	96
26) 2,4-Dimethylphenol	10.210	107	116915	32.412	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.463	93	224003	42.882	ng/ul	97
29) 2,4-Dichlorophenol	10.703	162	145480	46.531	ng/ul	98
30) Naphthalene	11.126	128	505563	42.662	ng/ul	98
32) 4-Chloroaniline	11.244	127	195127	40.099	ng/ul	97
33) Hexachlorobutadiene	11.356	225	94355	45.093	ng/ul	96
34) Caprolactam	12.031	113	48166m	44.524	ng/ul	
35) 4-Chloro-3-methylphenol	12.325	107	152286	45.651	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/03/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.707	142	334568	43.097 ng/ul	97
37) 1-Methylnaphthalene	12.930	142	329497	41.819 ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	13.054	216	174763	43.052 ng/ul	97
40) Hexachlorocyclopentadiene	13.007	237	84791	33.861 ng/ul	94
41) 2,4,6-Trichlorophenol	13.300	196	117638	47.333 ng/ul#	82
42) 2,4,5-Trichlorophenol	13.371	196	124131	47.598 ng/ul	95
43) 1,1'-Biphenyl	13.700	154	476030	43.471 ng/ul	96
44) 2-Chloronaphthalene	13.753	162	363231	44.056 ng/ul	96
45) 2-Nitroaniline	13.976	65	118711	51.045 ng/ul	94
47) Dimethylphthalate	14.311	163	454720	45.286 ng/ul	100
48) 2,6-Dinitrotoluene	14.452	165	92545	54.190 ng/ul#	88
50) Acenaphthylene	14.599	152	583957	44.461 ng/ul	98
51) 3-Nitroaniline	14.793	138	95199	51.638 ng/ul#	97
52) Acenaphthene	14.928	153	401626	44.549 ng/ul	94
53) 2,4-Dinitrophenol	14.987	184	44896	47.292 ng/ul#	88
55) 4-Nitrophenol	15.075	109	57906	47.952 ng/ul	93
56) Dibenzofuran	15.263	168	520506	43.556 ng/ul	96
57) 2,4-Dinitrotoluene	15.233	165	131396	51.962 ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.474	232	114501	48.499 ng/ul	96
59) Diethylphthalate	15.656	149	443966	45.736 ng/ul	97
61) Fluorene	15.909	166	443733	44.223 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.891	204	222554	44.494 ng/ul	98
63) 4-Nitroaniline	15.962	138	99609	58.710 ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.980	198	84442	51.532 ng/ul#	86
67) N-Nitrosodiphenylamine	16.115	169	361415	44.845 ng/ul	97
68) 4-Bromophenyl-phenylether	16.790	248	131523	44.904 ng/ul	97
69) Hexachlorobenzene	16.884	284	152006	45.937 ng/ul	94
70) Atrazine	17.049	200	131052	42.765 ng/ul	94
71) Pentachlorophenol	17.237	266	90682	47.617 ng/ul#	87
72) Phenanthrene	17.660	178	750741	45.247 ng/ul	99
74) Anthracene	17.748	178	741773	43.296 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.665	216	172080	43.190 ng/uL	98
76) Pentachlorobenzene	15.157	250	165128	41.975 ng/uL	99
77) Carbazole	18.030	167	646214	46.278 ng/ul	98
78) Di-n-butylphthalate	18.530	149	787384	47.569 ng/ul	100
80) Fluoranthene	19.652	202	864872	45.232 ng/ul	99
82) Pyrene	20.016	202	900808	44.477 ng/ul	99
83) Butylbenzylphthalate	20.874	149	347650	48.676 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.814	252	286931	44.702 ng/ul	98
85) Benzo(a)anthracene	21.896	228	869716	44.576 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.726	149	511436	47.158 ng/ul	97
87) Chrysene	21.967	228	815493	44.254 ng/ul	100
89) Di-n-octyl phthalate	23.024	149	881176	47.926 ng/ul	100
90) Benzo(b)fluoranthene	24.276	252	887487	45.835 ng/ul	98
91) Benzo(k)fluoranthene	24.352	252	903080	46.030 ng/ul	98
93) Benzo(a)pyrene	25.239	252	840249	45.744 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.429	276	951824m	45.776 ng/ul	
95) Dibenzo(a,h)anthracene	29.505	278	779261	46.085 ng/ul	100
96) Benzo(g,h,i)perylene	30.709	276	764067	45.193 ng/ul	98

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

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