Quantitation Report (Qedit)

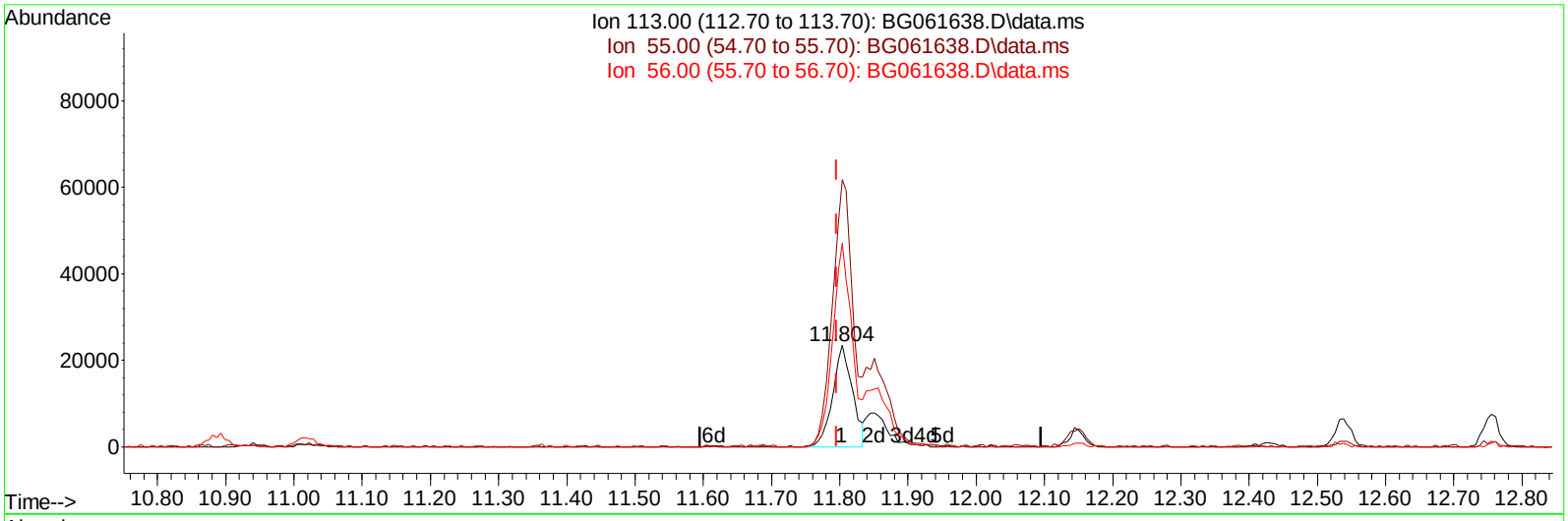
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061638.D
Acq On : 22 Jun 2024 3:09
Operator : MA/JU
Sample : PB161409BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

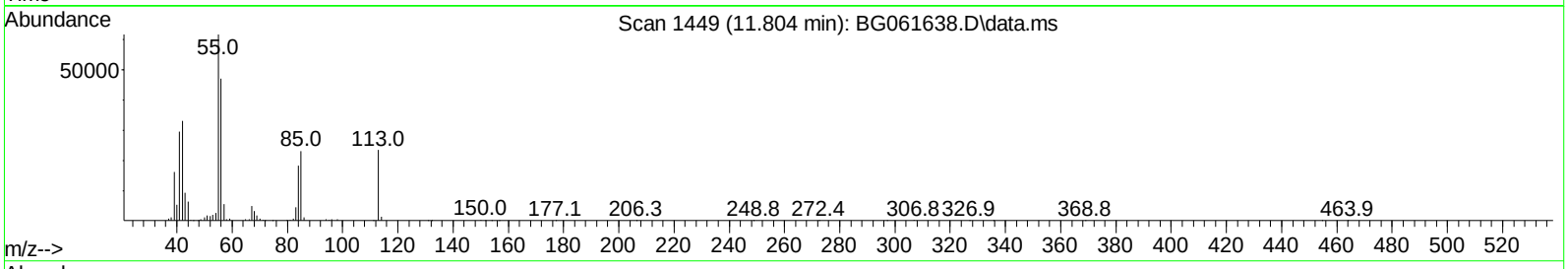
Quant Time: Jun 22 03:54:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

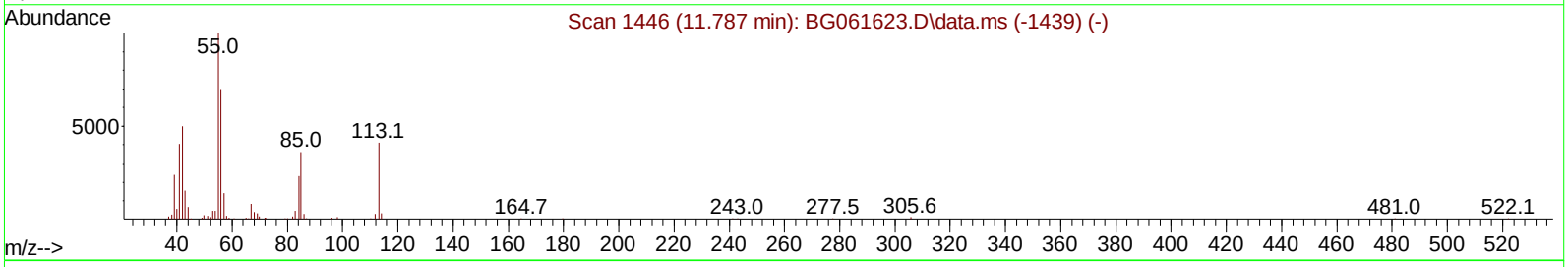
Instrument :
BNA_G
ClientSampleId :
SLCS409

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024







TIC: BG061638.D\data.ms

(34) Caprolactam

11.804min (+ 0.008) 28.24 ng/ul

response 47244

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	262.56
56.00	209.00	200.48
0.00	0.00	0.00

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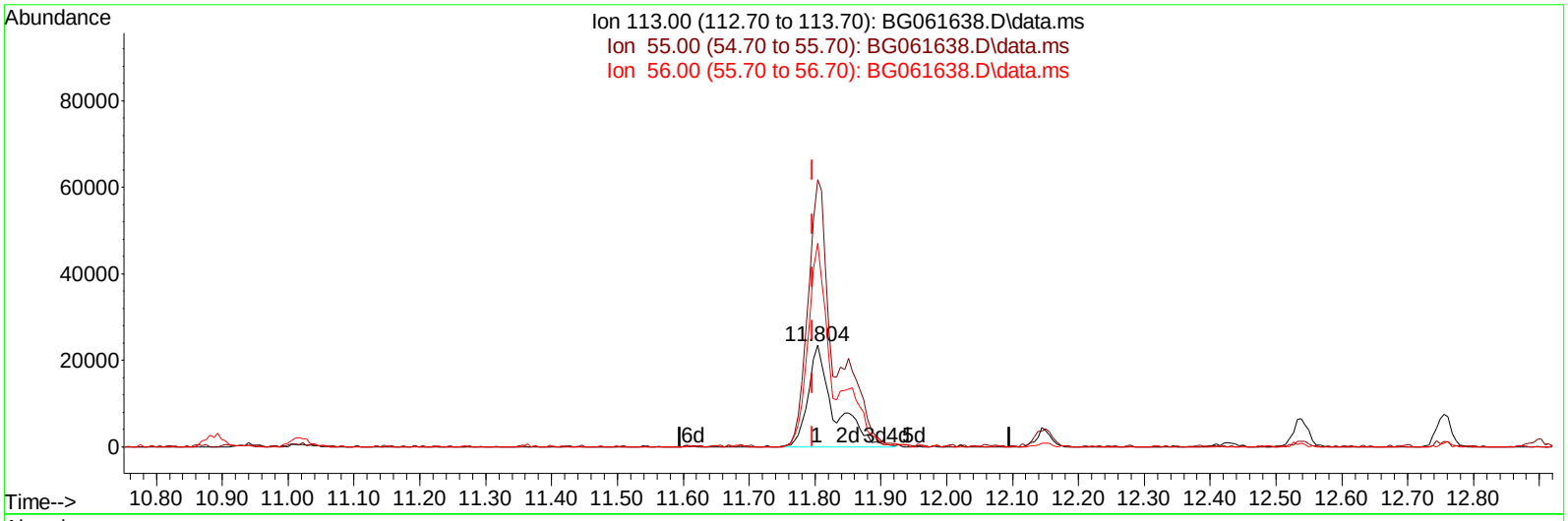

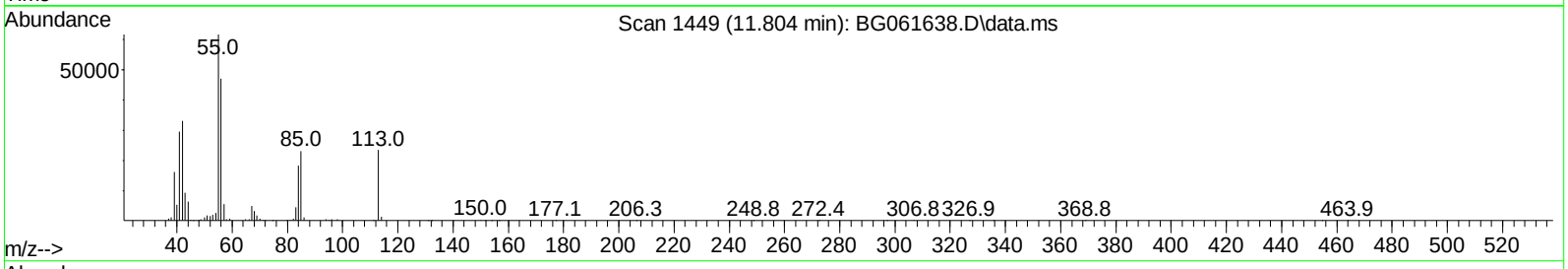

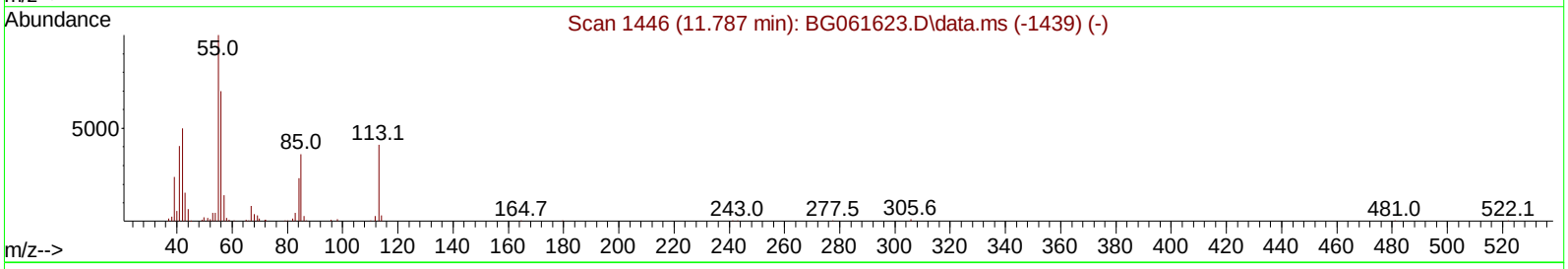

TIC: BG061638.D\data.ms

(34) Caprolactam

11.804min (+ 0.008) 38.78 ng/ul m

response 64885

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	262.56
56.00	209.00	200.48
0.00	0.00	0.00

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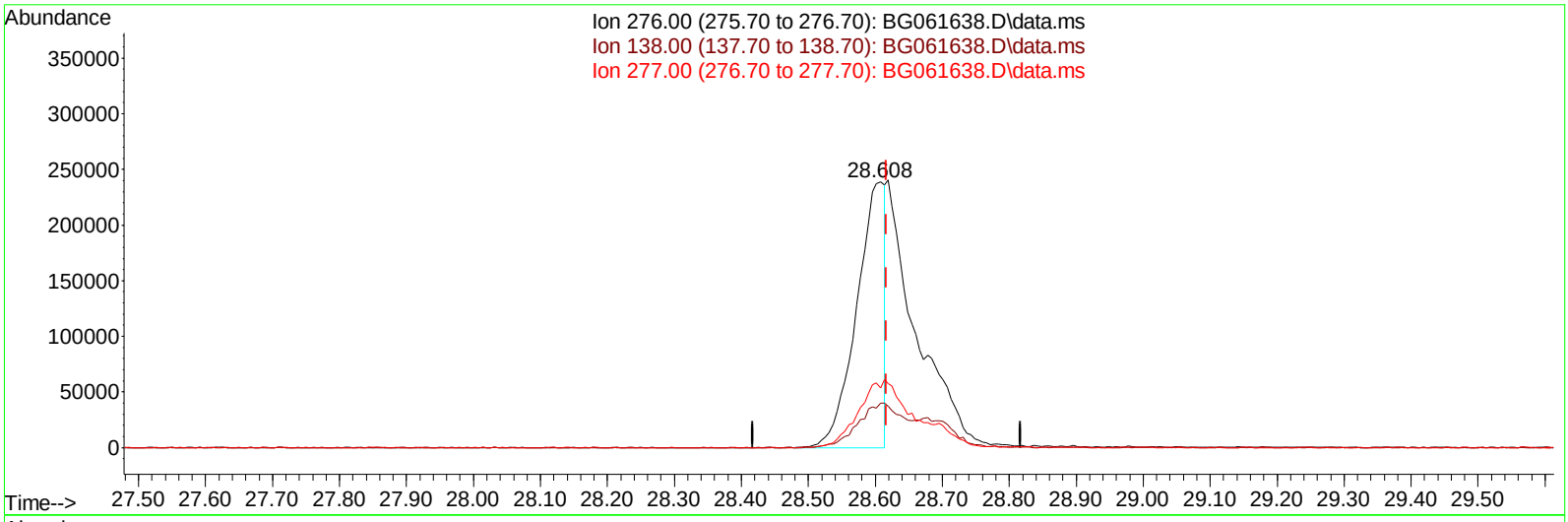

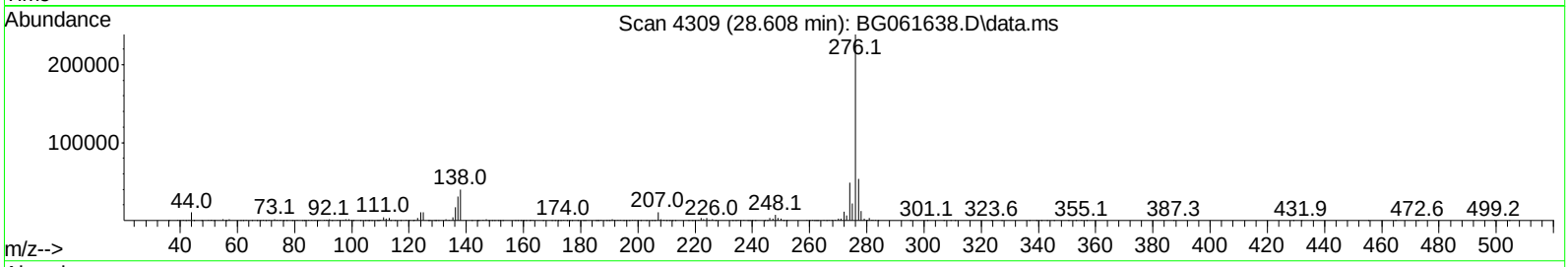

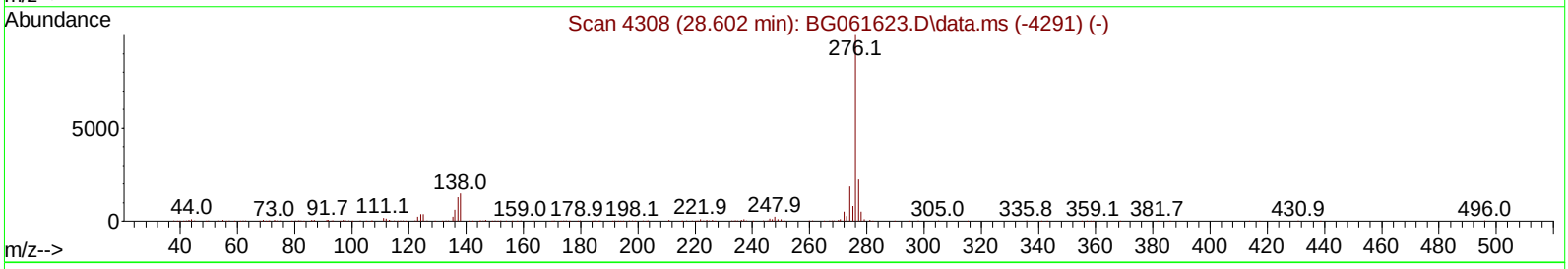

TIC: BG061638.D\data.ms

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

28.608min (-0.009) 19.91 ng/ul

response 696064

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	16.67
277.00	24.60	22.55
0.00	0.00	0.00

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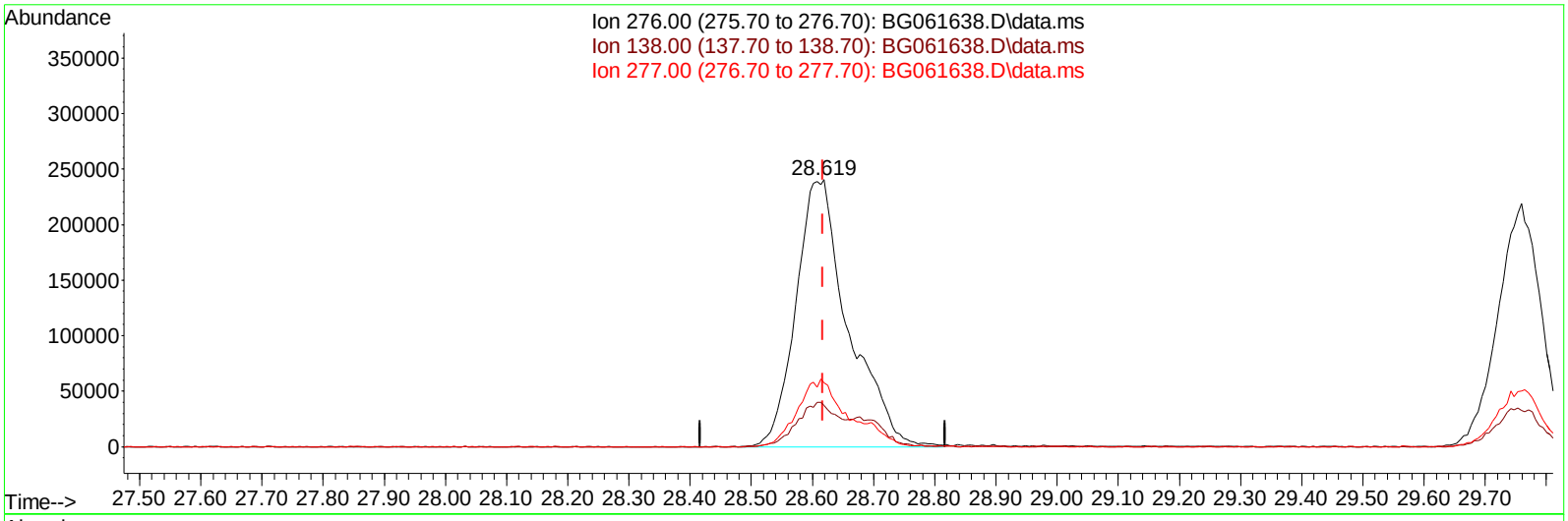

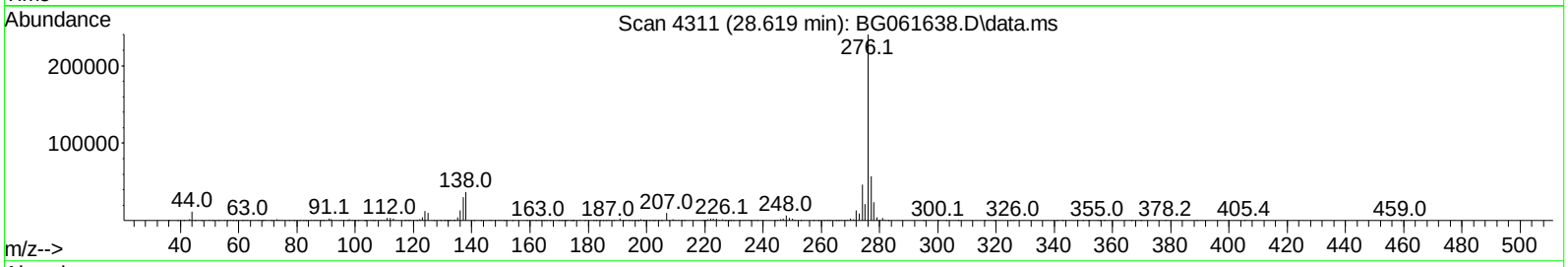

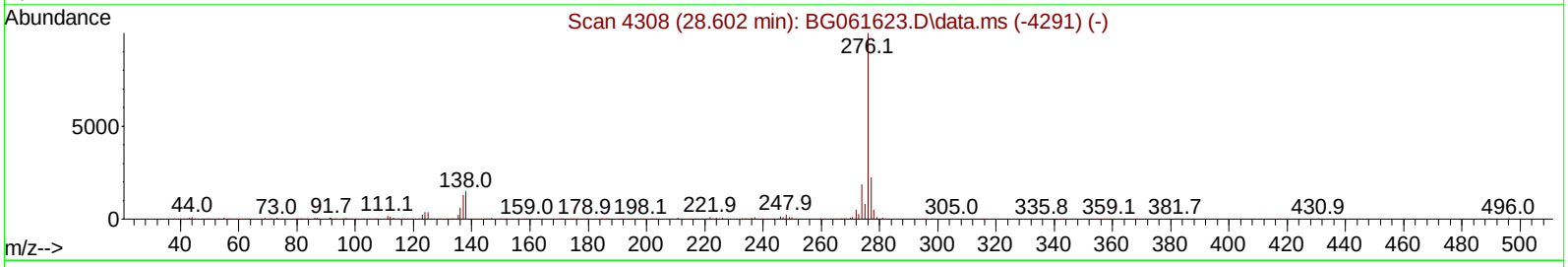

TIC: BG061638.D\data.ms

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

28.619min (+ 0.002) 40.83 ng/ul m

response 1427006

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	15.45
277.00	24.60	23.93
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	8.079	152	55845	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	271189	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	195994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	464279	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	403188	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	484683	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.472	96	9470	6.126	ng/uL	0.00
4) Pyridine-d5	3.884	84	151900	32.499	ng/ul	0.00
7) Phenol-d5	7.215	99	215975	35.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.403	67	124117	32.842	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	152301	36.609	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	164014	34.996	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	73586	39.963	ng/ul	0.00
24) 2-Nitrophenol-d4	9.965	143	81846	43.887	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	167569	37.946	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	229651	34.349	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	554574	36.769	ng/ul	0.00
49) Acenaphthylene-d8	14.401	160	640993	38.780	ng/ul	0.00
54) 4-Nitrophenol-d4	14.877	143	106363	41.062	ng/ul	0.00
60) Fluorene-d10	15.693	176	497364	37.668	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	89317	44.989	ng/ul	0.00
73) Anthracene-d10	17.544	188	795795	37.551	ng/ul	0.00
81) Pyrene-d10	19.824	212	885711	39.328	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264	906788	39.172	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.502	88	23590	12.279	ng/uL#	83
5) Pyridine	3.907	79	155172	30.883	ng/ul	97
6) Benzaldehyde	7.209	77	125258	41.986	ng/ul	93
8) Phenol	7.244	94	230849	36.185	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.491	93	161833	33.703	ng/ul	95
12) 2-Chlorophenol	7.632	128	157223	37.669	ng/ul	95
13) 2-Methylphenol	8.508	108	162098	36.316	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.602	45	327367	33.370	ng/ul	99
16) Acetophenone	8.901	105	265223	34.368	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.884	70	137308	33.122	ng/ul#	95
18) 4-Methylphenol	8.837	108	178949	35.786	ng/ul	96
19) Hexachloroethane	9.166	117	59116	35.324	ng/ul	87
22) Nitrobenzene	9.283	77	202780	38.228	ng/ul	93
23) Isophorone	9.806	82	413775	33.918	ng/ul	100
25) 2-Nitrophenol	9.994	139	89945	46.122	ng/ul#	80
26) 2,4-Dimethylphenol	10.047	107	171029	31.358	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.294	93	230210	33.359	ng/ul	94
29) 2,4-Dichlorophenol	10.523	162	158348	39.137	ng/ul	96
30) Naphthalene	10.940	128	533950	35.189	ng/ul	98
32) 4-Chloroaniline	11.040	127	204180	30.793	ng/ul	98
33) Hexachlorobutadiene	11.216	225	104277	37.312	ng/ul#	88
34) Caprolactam	11.804	113	64885m	38.784	ng/ul	
35) 4-Chloro-3-methylphenol	12.150	107	219213	38.745	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.538	142	393439	36.746	ng/ul	99
37) 1-Methylnaphthalene	12.755	142	397890	34.829	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.897	216	214860	38.736	ng/ul#	96
40) Hexachlorocyclopentadiene	12.879	237	80624	24.429	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.132	196	145766	40.731	ng/ul	94
42) 2,4,5-Trichlorophenol	13.202	196	163228	41.846	ng/ul	88
43) 1,1'-Biphenyl	13.543	154	541271	38.125	ng/ul	98
44) 2-Chloronaphthalene	13.584	162	409554	37.555	ng/ul	99
45) 2-Nitroaniline	13.778	65	175322	46.962	ng/ul	95
47) Dimethylphthalate	14.160	163	538779	35.973	ng/ul#	98
48) 2,6-Dinitrotoluene	14.271	165	114944	46.249	ng/ul	95
50) Acenaphthylene	14.424	152	688503	37.315	ng/ul	98
51) 3-Nitroaniline	14.600	138	119417	46.919	ng/ul	95
52) Acenaphthene	14.765	153	466446	36.504	ng/ul	98
53) 2,4-Dinitrophenol	14.800	184	55809	44.189	ng/ul	90
55) 4-Nitrophenol	14.894	109	108821	40.682	ng/ul	95
56) Dibenzofuran	15.100	168	684317	38.270	ng/ul	97
57) 2,4-Dinitrotoluene	15.053	165	167643	45.442	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.317	232	148580	38.847	ng/ul	97
59) Diethylphthalate	15.523	149	567214	36.771	ng/ul	97
61) Fluorene	15.752	166	556492	37.605	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.740	204	268877	36.601	ng/ul	99
63) 4-Nitroaniline	15.758	138	126778	47.018	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.817	198	98133	43.639	ng/ul	94
67) N-Nitrosodiphenylamine	15.952	169	485564	40.443	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	188243	39.378	ng/ul	97
69) Hexachlorobenzene	16.739	284	224217	38.650	ng/ul	99
70) Atrazine	16.898	200	130066	27.122	ng/ul#	95
71) Pentachlorophenol	17.080	266	132715	37.556	ng/ul	93
72) Phenanthrene	17.485	178	915044	37.463	ng/ul	98
74) Anthracene	17.579	178	918765	36.783	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.502	216	217805	42.107	ng/uL	98
76) Pentachlorobenzene	15.012	250	254493	40.969	ng/uL	92
77) Carbazole	17.844	167	828813	39.080	ng/ul	99
78) Di-n-butylphthalate	18.408	149	977366	38.532	ng/ul	100
80) Fluoranthene	19.489	202	1031647	39.480	ng/ul	98
82) Pyrene	19.853	202	1093109	39.341	ng/ul	97
83) Butylbenzylphthalate	20.740	149	439108	43.405	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.604	252	388019	45.515	ng/ul	96
85) Benzo(a)anthracene	21.686	228	1085173	38.343	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	611642	41.131	ng/ul	98
87) Chrysene	21.757	228	1032935	38.571	ng/ul	98
89) Di-n-octyl phthalate	22.838	149	1103644	43.172	ng/ul	100
90) Benzo(b)fluoranthene	23.907	252	1129577	38.770	ng/ul	96
91) Benzo(k)fluoranthene	23.978	252	1124612	37.532	ng/ul	98
93) Benzo(a)pyrene	24.783	252	964316	34.379	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.619	276	1427006m	40.826	ng/ul	
95) Dibenzo(a,h)anthracene	28.690	278	1169709	40.245	ng/ul	99
96) Benzo(g,h,i)perylene	29.759	276	1086832	38.573	ng/ul	99

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

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