Quantitation Report (Qedit)

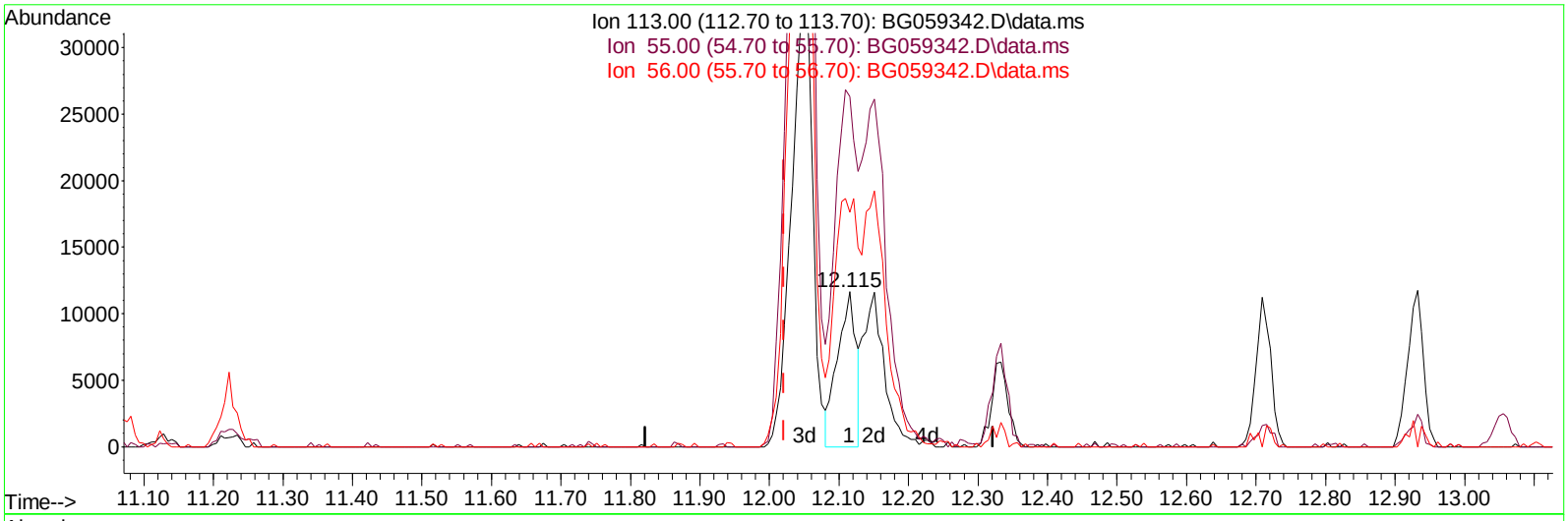
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059342.D
Acq On : 7 Oct 2023 14:32
Operator : MA/JU
Sample : SSTD08041
Misc :
ALS Vial : 6 Sample Multiplier: 1

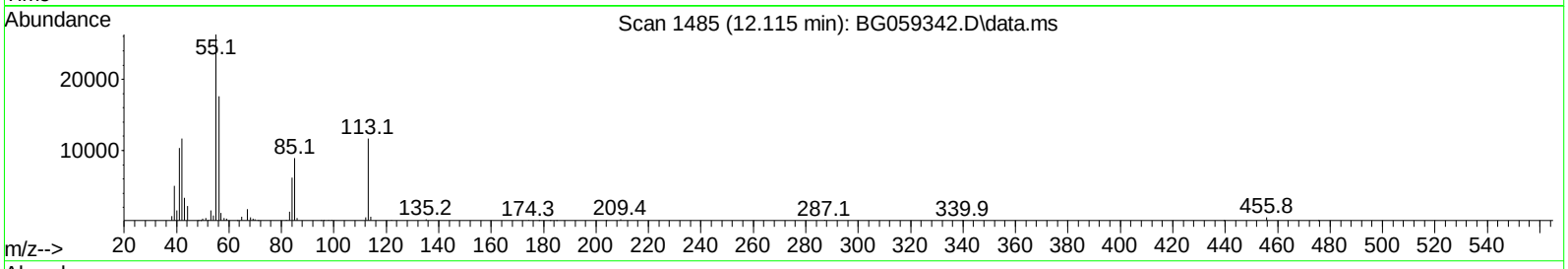
Quant Time: Oct 07 15:14:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 14:54:34 2023
Response via : Initial Calibration

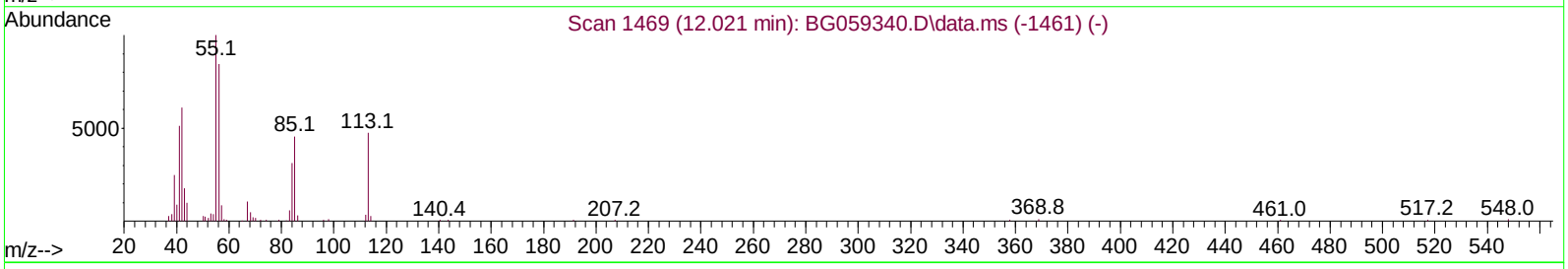
Instrument :
BNA_G
ClientSampleId :
SSTD080404

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059342.D\data.ms

(34) Caprolactam

12.115min (+ 0.094) 14.72 ng/ul

response 21560

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	225.73
56.00	177.10	151.17
0.00	0.00	0.00

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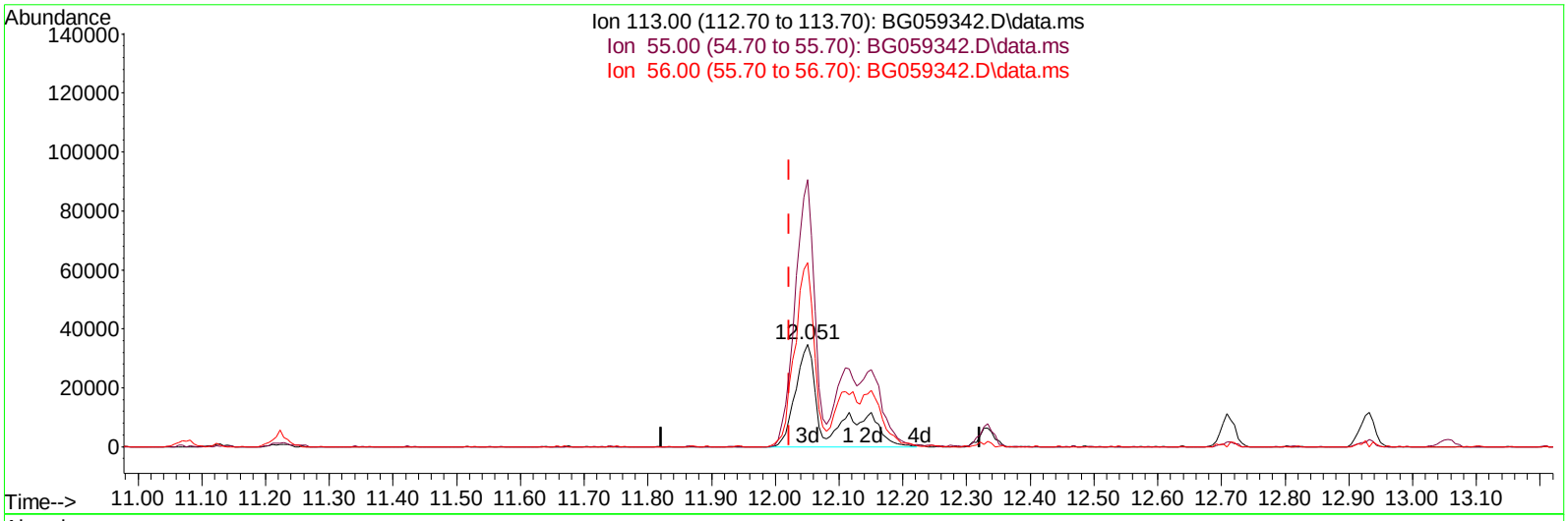

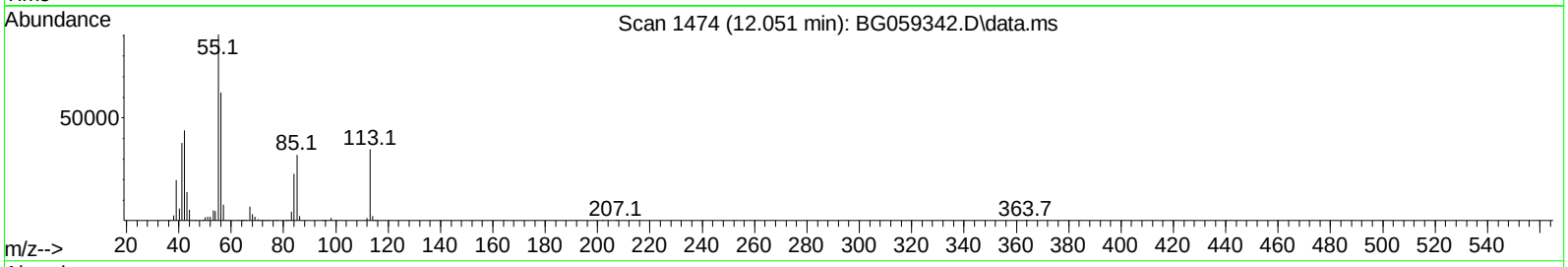

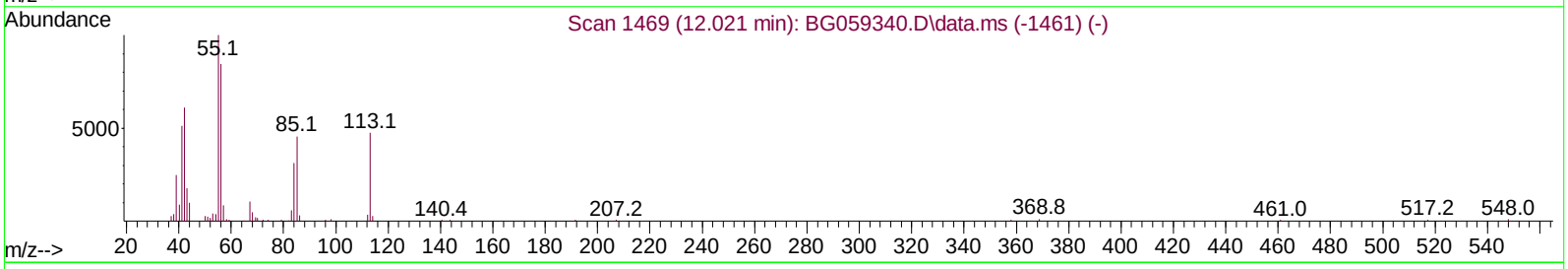

TIC: BG059342.D\data.ms

(34) Caprolactam

12.051min (+ 0.030) 80.90 ng/ul m

response 118481

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	260.75#
56.00	177.10	179.61
0.00	0.00	0.00

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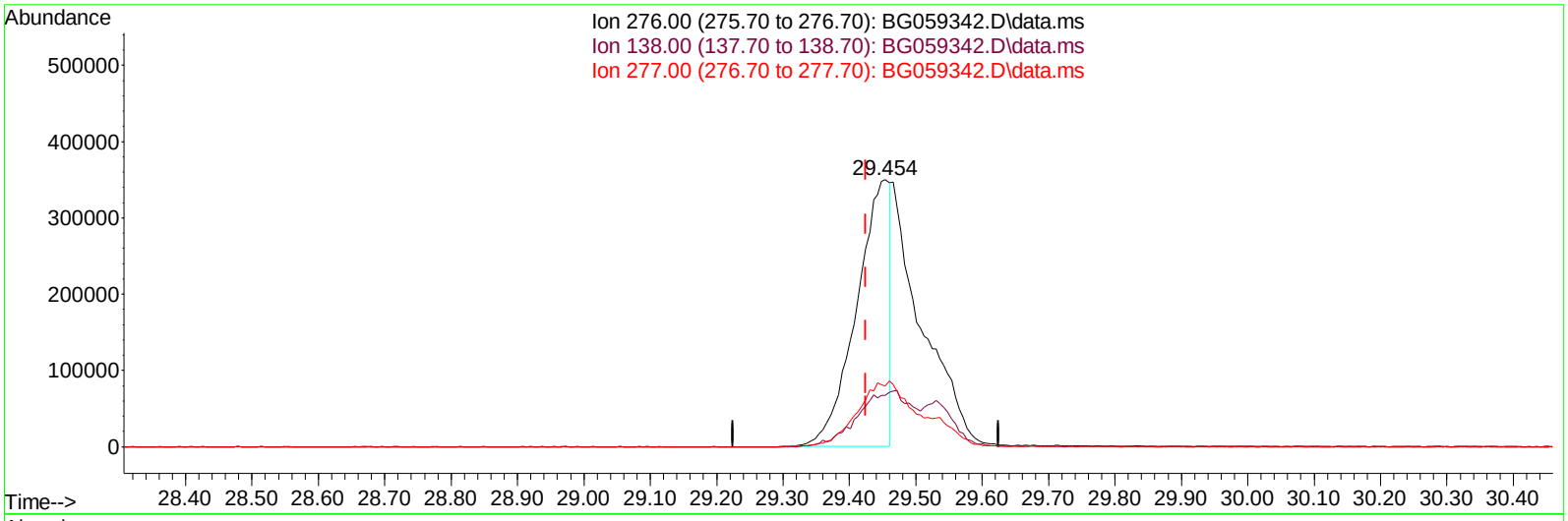

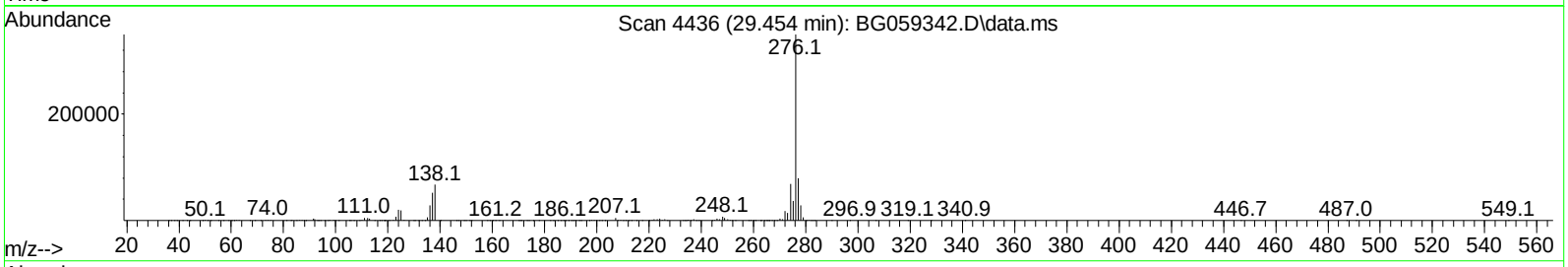

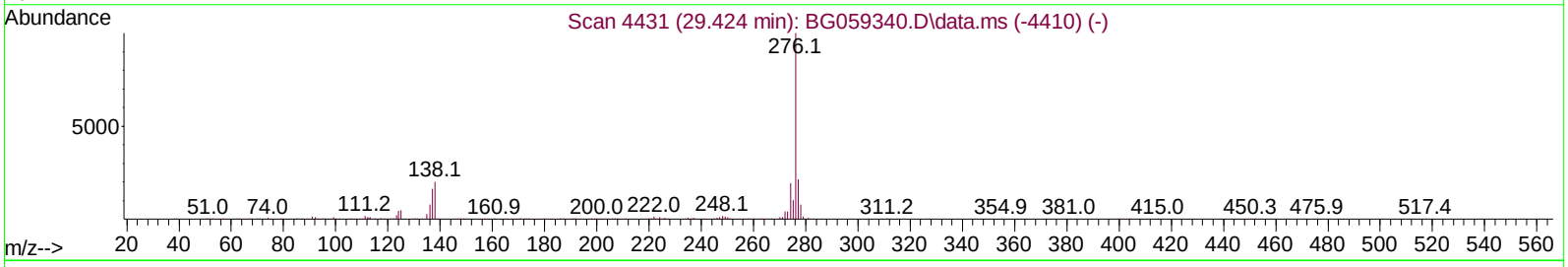

TIC: BG059342.D\data.ms

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

29.454min (+ 0.030) 42.50 ng/ul

response 1210131

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	19.31
277.00	21.40	22.81
0.00	0.00	0.00

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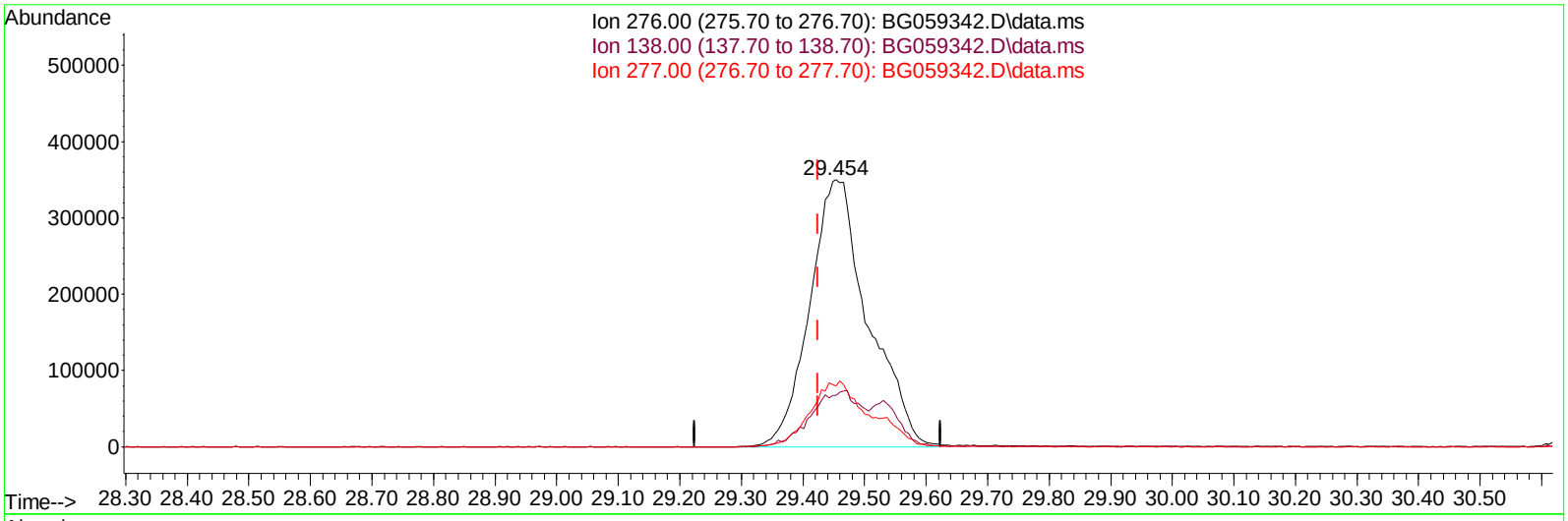

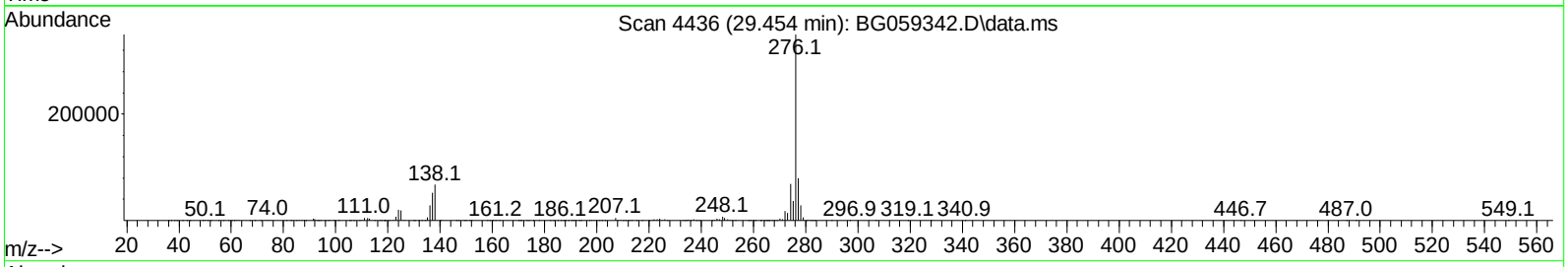

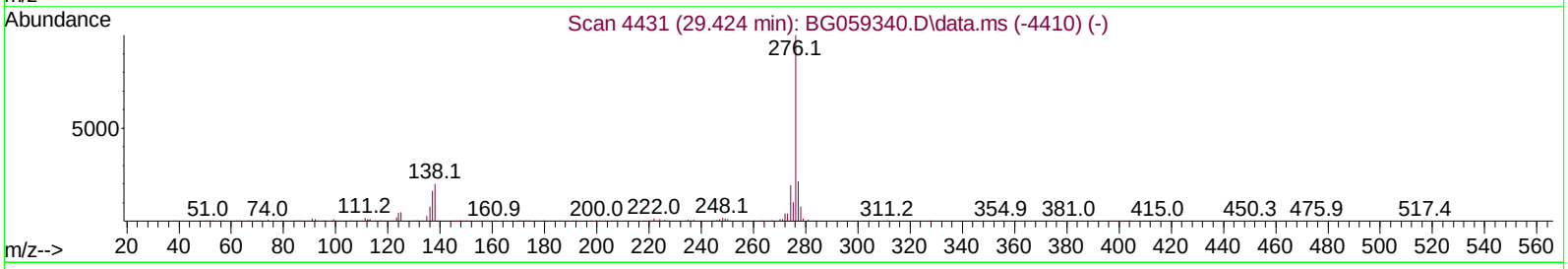

TIC: BG059342.D\data.ms

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

29.454min (+ 0.030) 80.88 ng/ul m

response 2303239

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	19.31
277.00	21.40	22.81
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	48679	20.000	ng/ul	0.00
20) Naphthalene-d8	11.076	136	264057	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.865	164	178843	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	415615	20.000	ng/ul	0.00
79) Chrysene-d12	21.922	240	367790	20.000	ng/ul	0.00
88) Perylene-d12	25.406	264	422634	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	38882	32.691	ng/uL	0.00
4) Pyridine-d5	3.960	84	307559	86.896	ng/ul	0.00
7) Phenol-d5	7.362	99	437498	90.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.556	67	235415	85.483	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	309002	89.967	ng/ul	0.00
15) 4-Methylphenol-d8	8.931	113	328817	88.463	ng/ul	0.00
21) Nitrobenzene-d5	9.436	128	170576	81.418	ng/ul	0.00
24) 2-Nitrophenol-d4	10.153	143	186547	80.307	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.682	165	338239	80.804	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	520273	81.476	ng/ul	0.00
46) Dimethylphthalate-d6	14.266	166	1063684	78.899	ng/ul	0.00
49) Acenaphthylene-d8	14.571	160	1295326	79.064	ng/ul	0.00
54) 4-Nitrophenol-d4	15.071	143	207331	85.572	ng/ul	0.01
60) Fluorene-d10	15.858	176	983324	77.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	211200	82.905	ng/ul	0.02
73) Anthracene-d10	17.721	188	1486996	77.629	ng/ul	0.00
81) Pyrene-d10	19.994	212	1611296	75.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.171	264	1657888	80.134	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	42553	31.229	ng/uL#	88
5) Pyridine	3.984	79	312043	89.259	ng/ul	95
6) Benzaldehyde	7.374	77	156223	90.750	ng/ul	97
8) Phenol	7.392	94	428258	90.450	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.650	93	318594	86.226	ng/ul	97
12) 2-Chlorophenol	7.785	128	322080	92.297	ng/ul	95
13) 2-Methylphenol	8.661	108	315486	89.367	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.737	45	658679	85.475	ng/ul	99
16) Acetophenone	9.078	105	501634	87.950	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.049	70	247974	88.327	ng/ul#	87
18) 4-Methylphenol	9.002	108	352873	91.515	ng/ul	93
19) Hexachloroethane	9.313	117	111795	79.133	ng/ul	89
22) Nitrobenzene	9.477	77	374300	82.595	ng/ul#	94
23) Isophorone	9.989	82	782592	79.190	ng/ul	98
25) 2-Nitrophenol	10.182	139	192250	80.372	ng/ul	94
26) 2,4-Dimethylphenol	10.212	107	364763	80.256	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.464	93	466495	77.865	ng/ul	99
29) 2,4-Dichlorophenol	10.705	162	334257	82.360	ng/ul	97
30) Naphthalene	11.128	128	1121663	78.499	ng/ul	99
32) 4-Chloroaniline	11.252	127	494463	80.785	ng/ul	100
33) Hexachlorobutadiene	11.352	225	201384	80.465	ng/ul	97
34) Caprolactam	12.051	113	118481m	80.897	ng/ul	
35) 4-Chloro-3-methylphenol	12.333	107	354691	80.286	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.709	142	742192	77.638	ng/ul	93
37) 1-Methylnaphthalene	12.926	142	773842	78.449	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.056	216	403191	78.992	ng/ul#	95
40) Hexachlorocyclopentadiene	13.009	237	252814	81.578	ng/ul	98
41) 2,4,6-Trichlorophenol	13.302	196	279321	82.441	ng/ul	93
42) 2,4,5-Trichlorophenol	13.379	196	294709	78.918	ng/ul	93
43) 1,1'-Biphenyl	13.708	154	1082425	77.708	ng/ul	98
44) 2-Chloronaphthalene	13.761	162	838387	79.148	ng/ul	100
45) 2-Nitroaniline	13.978	65	278934	82.600	ng/ul	96
47) Dimethylphthalate	14.313	163	1056055	77.405	ng/ul	100
48) 2,6-Dinitrotoluene	14.460	165	226636	83.866	ng/ul	98
50) Acenaphthylene	14.601	152	1366137	78.192	ng/ul	98
51) 3-Nitroaniline	14.801	138	217699	82.507	ng/ul	99
52) Acenaphthene	14.936	153	919469	77.032	ng/ul	98
53) 2,4-Dinitrophenol	15.000	184	146055	95.604	ng/ul	95
55) 4-Nitrophenol	15.088	109	140900	84.682	ng/ul	90
56) Dibenzofuran	15.265	168	1240195	76.966	ng/ul	98
57) 2,4-Dinitrotoluene	15.241	165	326913	81.909	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.476	232	276521	78.532	ng/ul#	95
59) Diethylphthalate	15.658	149	1022190	76.404	ng/ul	99
61) Fluorene	15.917	166	1058092	77.733	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.893	204	530975	76.794	ng/ul	97
63) 4-Nitroaniline	15.970	138	202565	89.128	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.993	198	224461	82.625	ng/ul#	92
67) N-Nitrosodiphenylamine	16.117	169	868007	78.103	ng/ul	99
68) 4-Bromophenyl-phenylether	16.792	248	324899	76.575	ng/ul	94
69) Hexachlorobenzene	16.886	284	371173	77.438	ng/ul	96
70) Atrazine	17.051	200	346949	79.344	ng/ul	98
71) Pentachlorophenol	17.239	266	240094	89.036	ng/ul	94
72) Phenanthrene	17.662	178	1773128	77.575	ng/ul	99
74) Anthracene	17.756	178	1816563	77.138	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.667	216	424734	80.659	ng/uL	95
76) Pentachlorobenzene	15.159	250	417046	76.295	ng/uL	95
77) Carbazole	18.032	167	1538452	80.762	ng/ul	98
78) Di-n-butylphthalate	18.532	149	1804042	78.478	ng/ul	99
80) Fluoranthene	19.654	202	1985169	75.479	ng/ul#	96
82) Pyrene	20.024	202	2064573	75.451	ng/ul	98
83) Butylbenzylphthalate	20.870	149	796709	78.726	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.816	252	651336	75.703	ng/ul	97
85) Benzo(a)anthracene	21.898	228	2037607	76.999	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.728	149	1173449	76.639	ng/ul	98
87) Chrysene	21.975	228	1872889	75.580	ng/ul	98
89) Di-n-octyl phthalate	23.020	149	2022204	80.254	ng/ul	100
90) Benzo(b)fluoranthene	24.284	252	2096778	80.852	ng/ul	98
91) Benzo(k)fluoranthene	24.360	252	2104509	79.385	ng/ul	97
93) Benzo(a)pyrene	25.253	252	1985537	80.210	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.454	276	2303239m	80.882	ng/ul	
95) Dibenzo(a,h)anthracene	29.530	278	1901555	81.138	ng/ul	97
96) Benzo(g,h,i)perylene	30.747	276	1832063	80.228	ng/ul	99

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

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