Quantitation Report (Qedit)

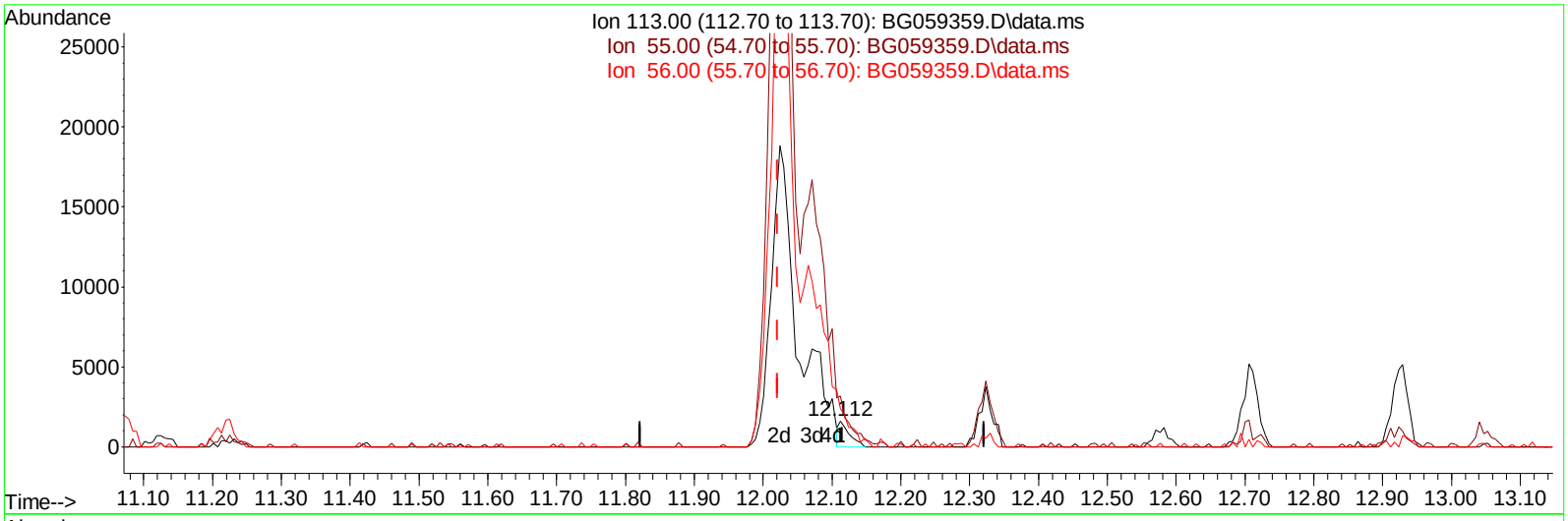
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059359.D
Acq On : 8 Oct 2023 2:22
Operator : MA/JU
Sample : PB155975BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

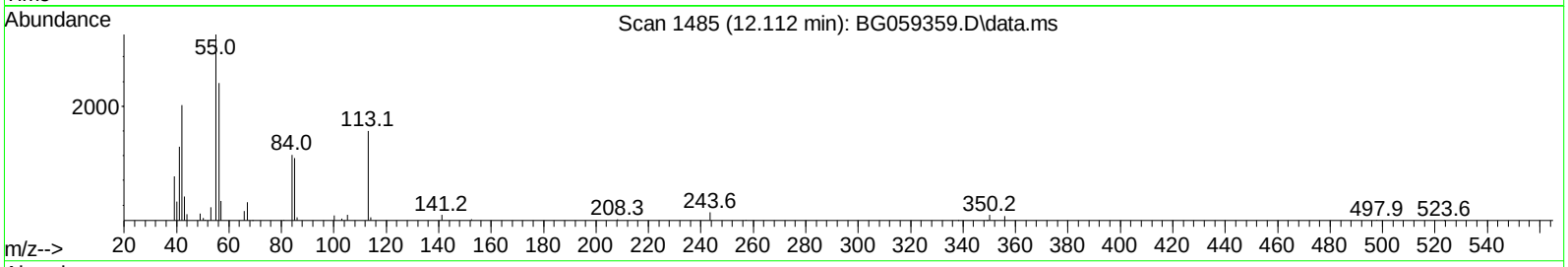
Quant Time: Oct 08 02:57:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

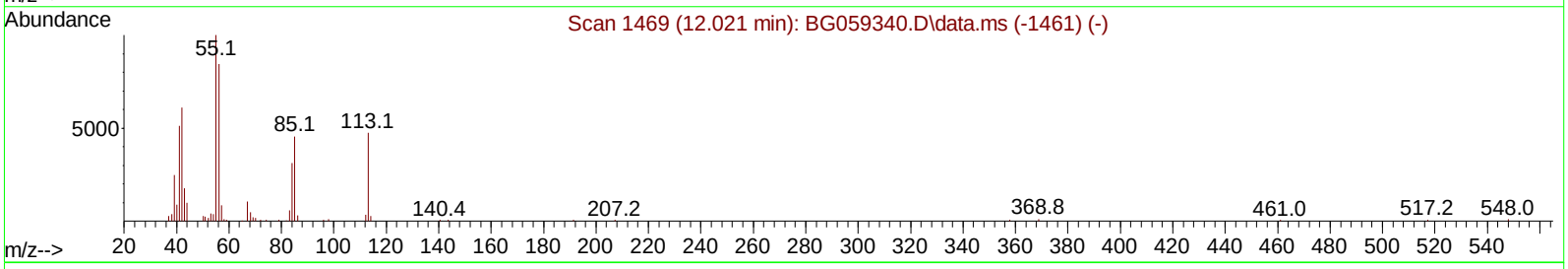
Instrument :
BNA_G
ClientSampleId :
SLCS975

Manual IntegrationsAPPROVED

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







TIC: BG059359.D\data.ms

(34) Caprolactam

12.112min (+ 0.091) 1.11 ng/ul

response 1701

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	197.26
56.00	177.10	148.22
0.00	0.00	0.00

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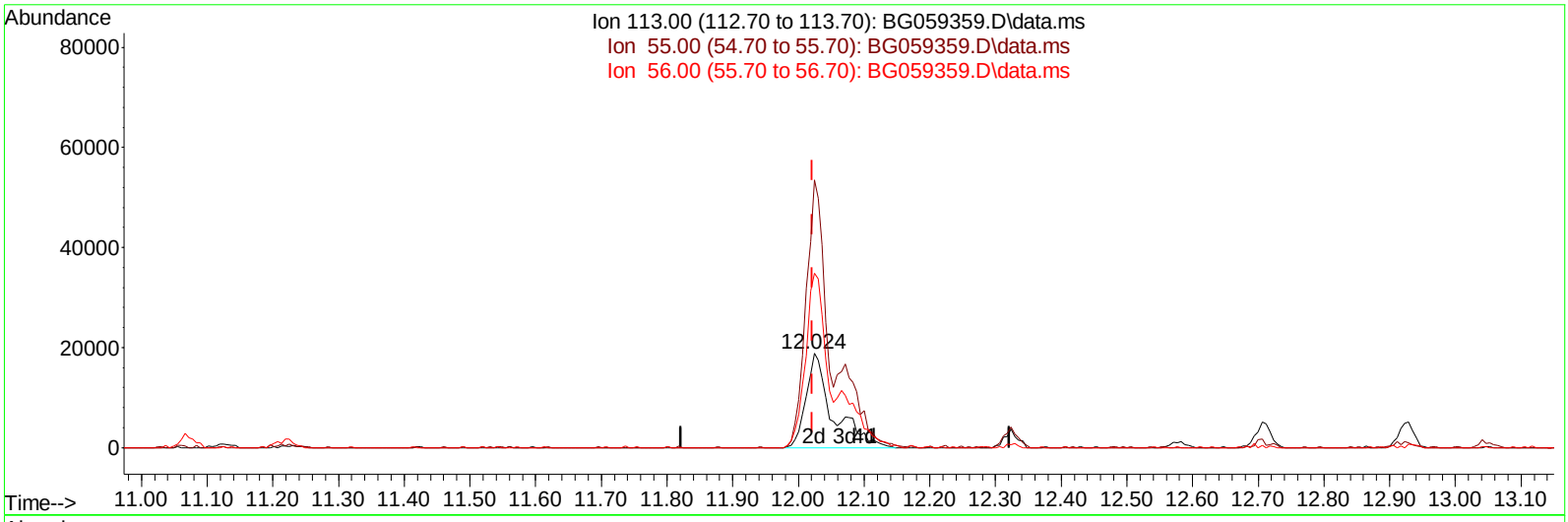

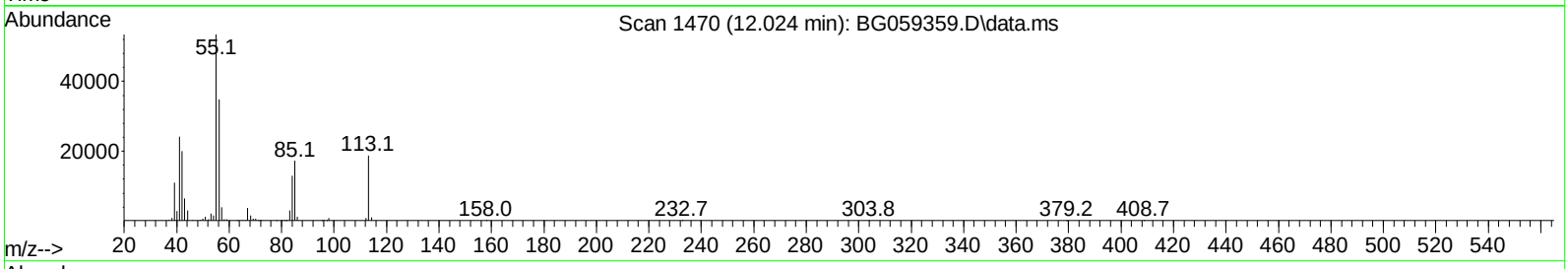

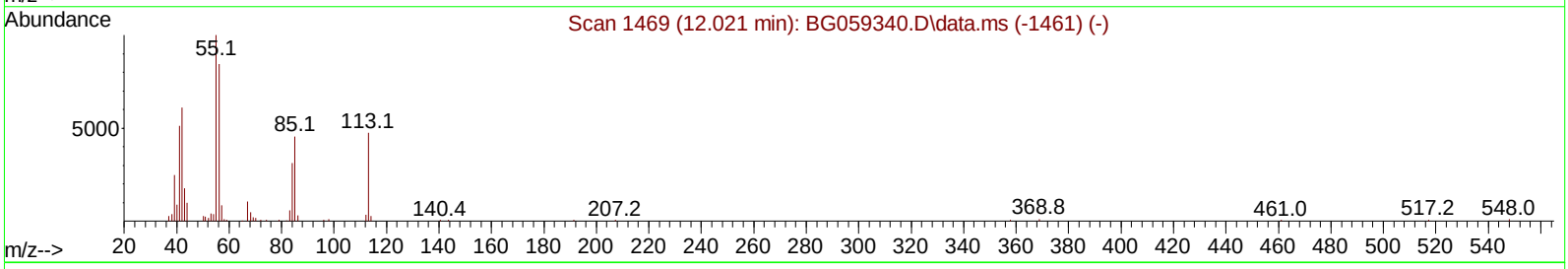

TIC: BG059359.D\data.ms

(34) Caprolactam

12.024min (+ 0.003) 34.43 ng/ul m

response 52900

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	284.01#
56.00	177.10	185.50
0.00	0.00	0.00

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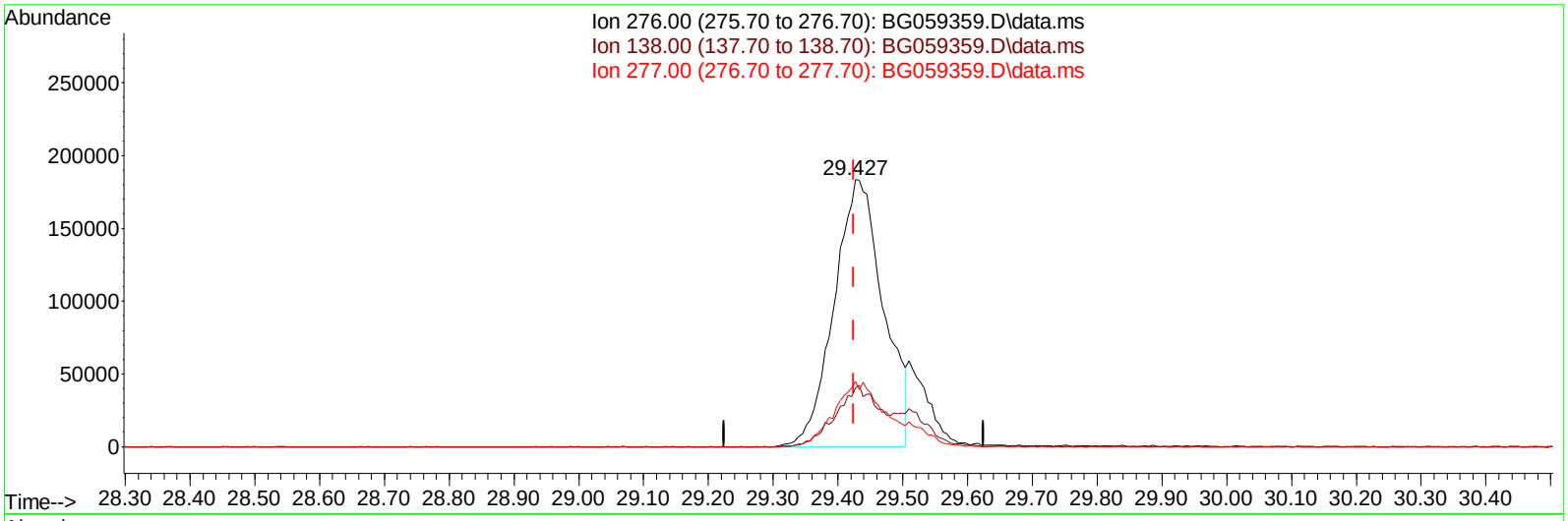

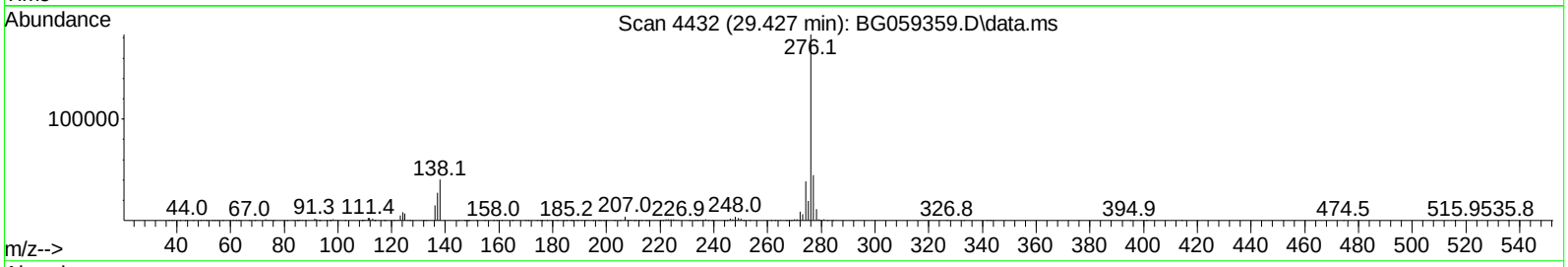

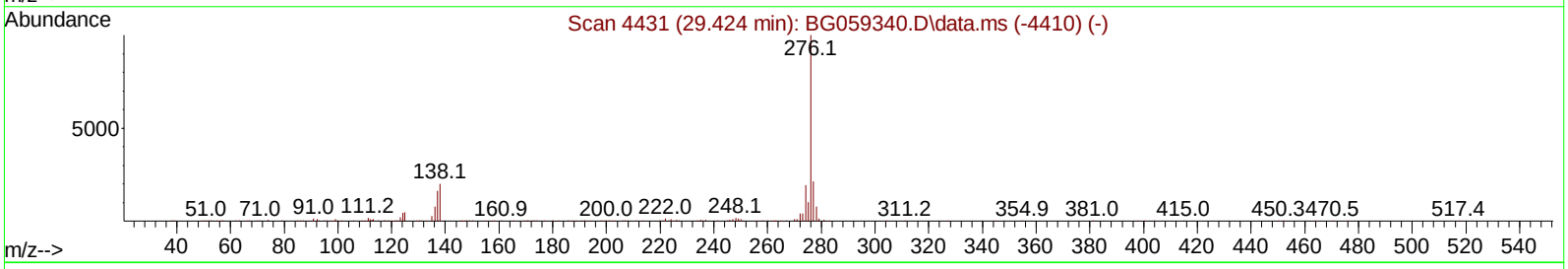

TIC: BG059359.D\data.ms

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

29.427min (+ 0.003) 32.96 ng/ul

response 969159

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	22.09
277.00	21.40	24.38
0.00	0.00	0.00

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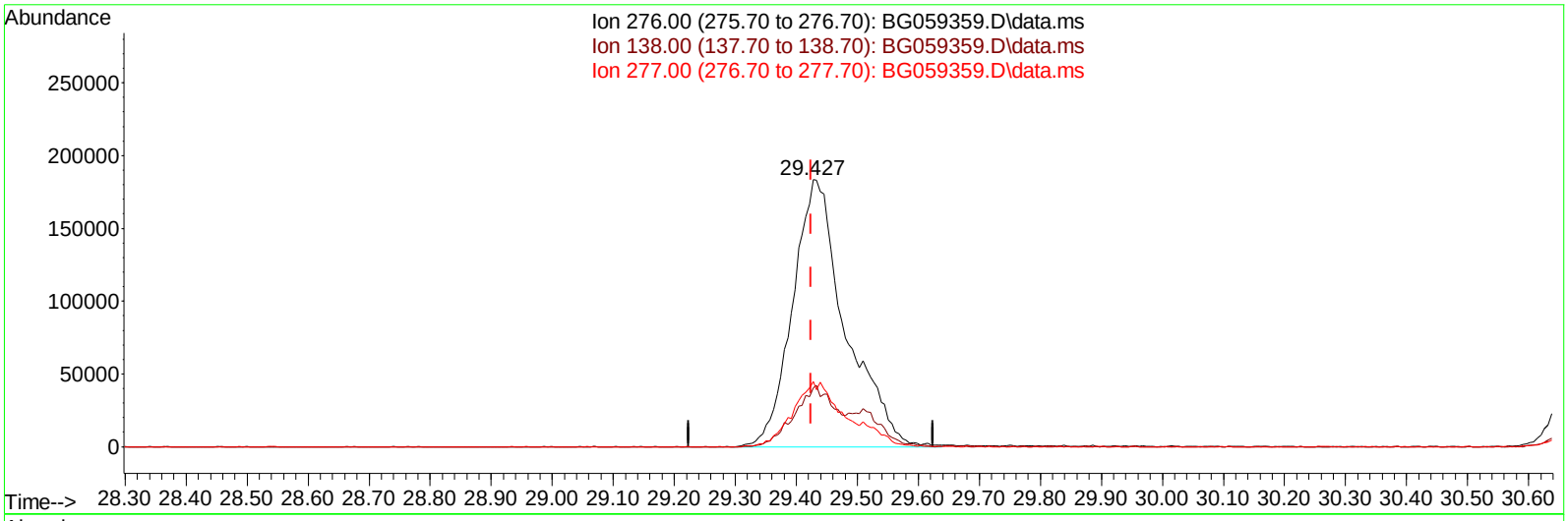

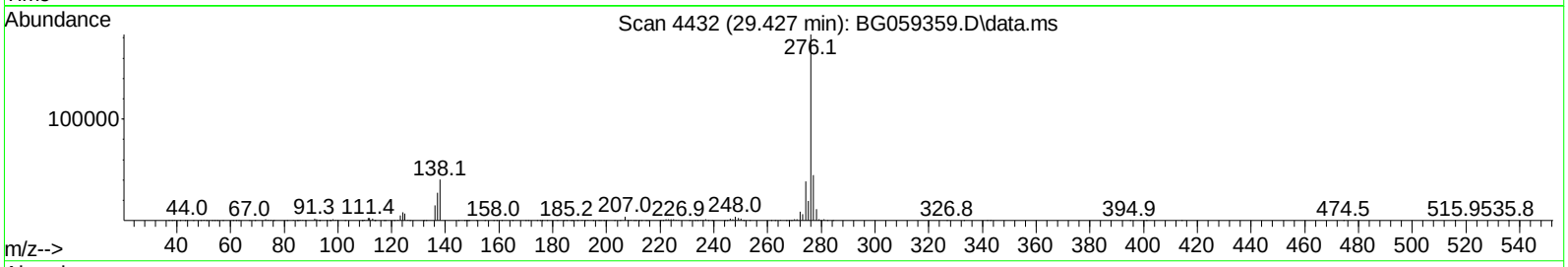

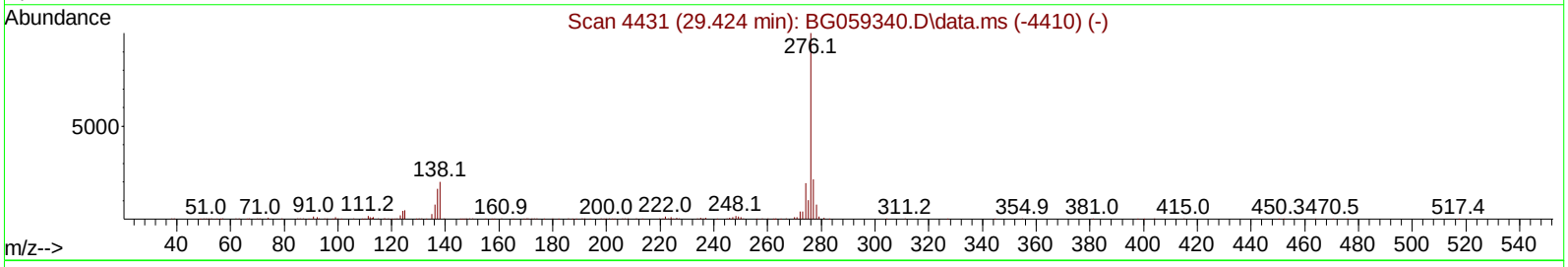

TIC: BG059359.D\data.ms

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

29.427min (+ 0.003) 37.59 ng/ul m

response 1105204

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	22.09
277.00	21.40	24.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 8 Oct 2023 2:22
Operator : MA/JU
Sample : PB155975BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 08 02:58:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
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Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	49841	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	252671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	168481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	385127	20.000	ng/ul	0.00
79) Chrysene-d12	21.918	240	349543	20.000	ng/ul	0.00
88) Perylene-d12	25.403	264	406669	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	9453	6.762	ng/uL	0.00
4) Pyridine-d5	3.963	84	138531	34.430	ng/ul	0.00
7) Phenol-d5	7.359	99	199086	36.176	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	108778	34.970	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	141690	36.813	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	150706	35.147	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	76876	35.741	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	88437	37.988	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	158202	37.650	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	223850	33.538	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	492685	35.694	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	592425	36.066	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	89193	34.482	ng/ul	0.00
60) Fluorene-d10	15.849	176	454285	34.480	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	98815	38.861	ng/ul	0.00
73) Anthracene-d10	17.712	188	677381	35.855	ng/ul	0.00
81) Pyrene-d10	19.991	212	762991	36.032	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.162	264	782587	36.570	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	20691	13.866	ng/uL#	91
5) Pyridine	3.986	79	130023	32.006	ng/ul	95
6) Benzaldehyde	7.377	77	94321	41.318	ng/ul	94
8) Phenol	7.388	94	199131	36.592	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.647	93	150524	35.916	ng/ul	98
12) 2-Chlorophenol	7.782	128	151553	37.368	ng/ul	95
13) 2-Methylphenol	8.657	108	147482	36.268	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.734	45	322511	36.779	ng/ul	98
16) Acetophenone	9.075	105	235273	36.108	ng/ul	88
17) N-Nitroso-di-n-propyla...	9.039	70	114063	35.132	ng/ul#	85
18) 4-Methylphenol	8.992	108	162761	36.398	ng/ul	94
19) Hexachloroethane	9.316	117	55031	37.304	ng/ul#	90
22) Nitrobenzene	9.474	77	171562	36.383	ng/ul	93
23) Isophorone	9.979	82	362605	36.012	ng/ul	99
25) 2-Nitrophenol	10.179	139	91686	38.187	ng/ul	97
26) 2,4-Dimethylphenol	10.209	107	132464	27.967	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.461	93	221769	36.652	ng/ul	99
29) 2,4-Dichlorophenol	10.702	162	157704	37.271	ng/ul	98
30) Naphthalene	11.125	128	525434	35.955	ng/ul	97
32) 4-Chloroaniline	11.243	127	200992	31.832	ng/ul	96
33) Hexachlorobutadiene	11.348	225	94199	36.872	ng/ul	88
34) Caprolactam	12.024	113	52900m	34.430	ng/ul	
35) 4-Chloro-3-methylphenol	12.324	107	164672	36.268	ng/ul	93

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.706	142	357469	36.693	ng/ul	87
37) 1-Methylnaphthalene	12.923	142	356200	35.215	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.052	216	189172	37.695	ng/ul#	97
40) Hexachlorocyclopentadiene	13.005	237	99393	32.989	ng/ul	95
41) 2,4,6-Trichlorophenol	13.293	196	128941	37.865	ng/ul	96
42) 2,4,5-Trichlorophenol	13.370	196	141370	38.225	ng/ul	95
43) 1,1'-Biphenyl	13.699	154	526517	37.970	ng/ul	98
44) 2-Chloronaphthalene	13.752	162	396468	37.196	ng/ul	99
45) 2-Nitroaniline	13.975	65	131071	37.552	ng/ul	96
47) Dimethylphthalate	14.310	163	507111	36.556	ng/ul	100
48) 2,6-Dinitrotoluene	14.457	165	104075	37.187	ng/ul	96
50) Acenaphthylene	14.598	152	650765	36.857	ng/ul	98
51) 3-Nitroaniline	14.791	138	109190	39.843	ng/ul	99
52) Acenaphthene	14.932	153	441645	36.968	ng/ul	99
53) 2,4-Dinitrophenol	14.991	184	69021	34.334	ng/ul	95
55) 4-Nitrophenol	15.073	109	63490	36.379	ng/ul	94
56) Dibenzofuran	15.262	168	607844	36.875	ng/ul	99
57) 2,4-Dinitrotoluene	15.232	165	155551	37.951	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.473	232	132883	37.445	ng/ul#	98
59) Diethylphthalate	15.655	149	496992	36.021	ng/ul	99
61) Fluorene	15.908	166	508802	36.278	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.890	204	257352	37.135	ng/ul	96
63) 4-Nitroaniline	15.961	138	107380	43.523	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.984	198	105532	39.021	ng/ul	95
67) N-Nitrosodiphenylamine	16.113	169	415765	38.148	ng/ul	99
68) 4-Bromophenyl-phenylether	16.789	248	157487	38.509	ng/ul	99
69) Hexachlorobenzene	16.883	284	178364	38.209	ng/ul	98
70) Atrazine	17.048	200	143603	33.233	ng/ul	97
71) Pentachlorophenol	17.236	266	110680	40.796	ng/ul	96
72) Phenanthrene	17.659	178	883345	38.728	ng/ul	99
74) Anthracene	17.753	178	865076	37.291	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.663	216	190709	38.115	ng/uL	93
76) Pentachlorobenzene	15.156	250	186701	36.054	ng/uL	95
77) Carbazole	18.029	167	753904	39.052	ng/ul	96
78) Di-n-butylphthalate	18.528	149	885129	38.753	ng/ul	99
80) Fluoranthene	19.650	202	989061	37.538	ng/ul	98
82) Pyrene	20.021	202	1010346	36.896	ng/ul	96
83) Butylbenzylphthalate	20.867	149	382415	37.796	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.813	252	345346	39.604	ng/ul#	92
85) Benzo(a)anthracene	21.895	228	991830	37.153	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.725	149	572204	37.814	ng/ul	99
87) Chrysene	21.971	228	927517	36.990	ng/ul	96
89) Di-n-octyl phthalate	23.017	149	966007	37.646	ng/ul	100
90) Benzo(b)fluoranthene	24.274	252	990165	36.954	ng/ul	98
91) Benzo(k)fluoranthene	24.351	252	1042983	38.337	ng/ul	97
93) Benzo(a)pyrene	25.238	252	967097	37.891	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.427	276	1105204m	37.592	ng/ul	
95) Dibenzo(a,h)anthracene	29.515	278	927700	38.806	ng/ul	99
96) Benzo(g,h,i)perylene	30.720	276	881739	37.605	ng/ul	94

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

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