Quantitation Report (Qedit)

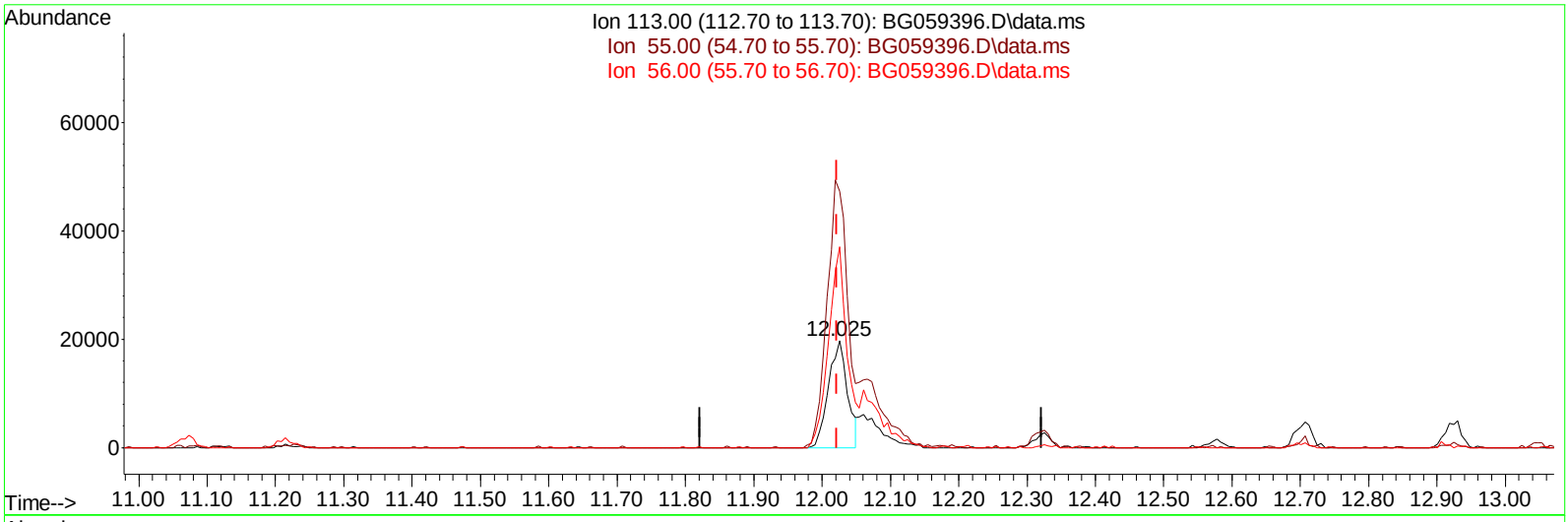
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100923\
Data File : BG059396.D
Acq On : 9 Oct 2023 13:37
Operator : MA/JU
Sample : PB156056BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

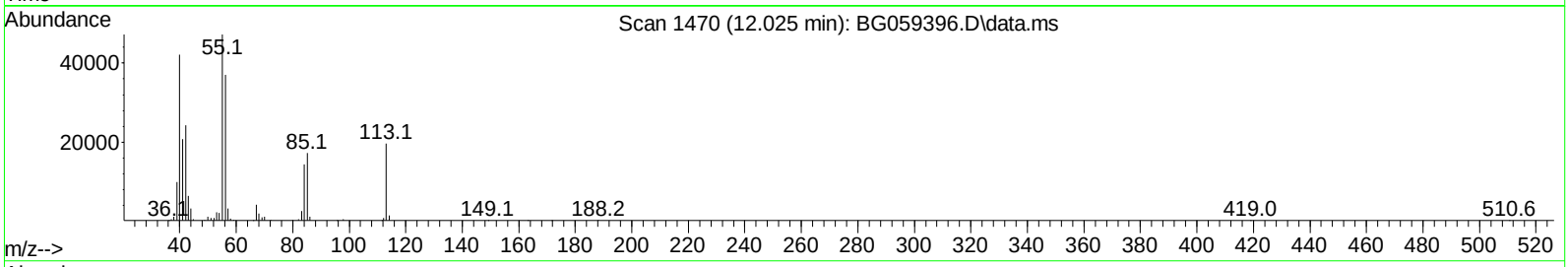
Quant Time: Oct 09 22:45:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

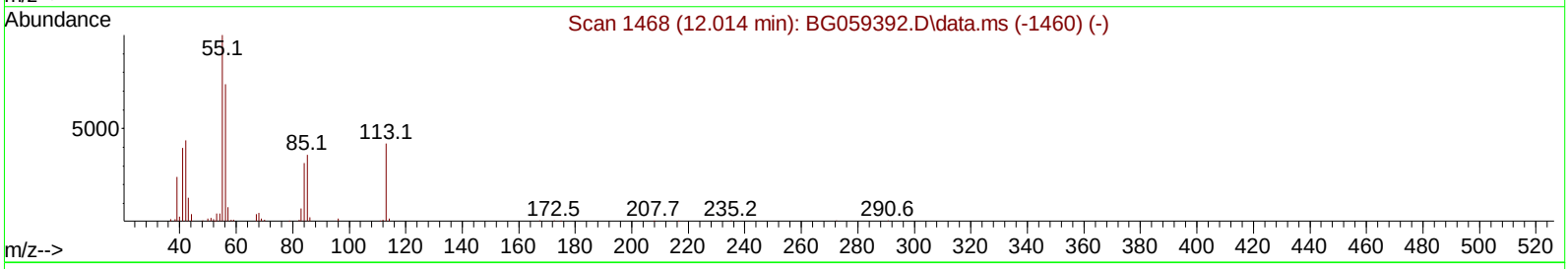
Instrument :
BNA_G
ClientSampleId :
SLCS056

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023







TIC: BG059396.D\data.ms

(34) Caprolactam

12.025min (+ 0.004) 27.70 ng/ul

response 38109

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	239.75
56.00	177.10	187.78
0.00	0.00	0.00

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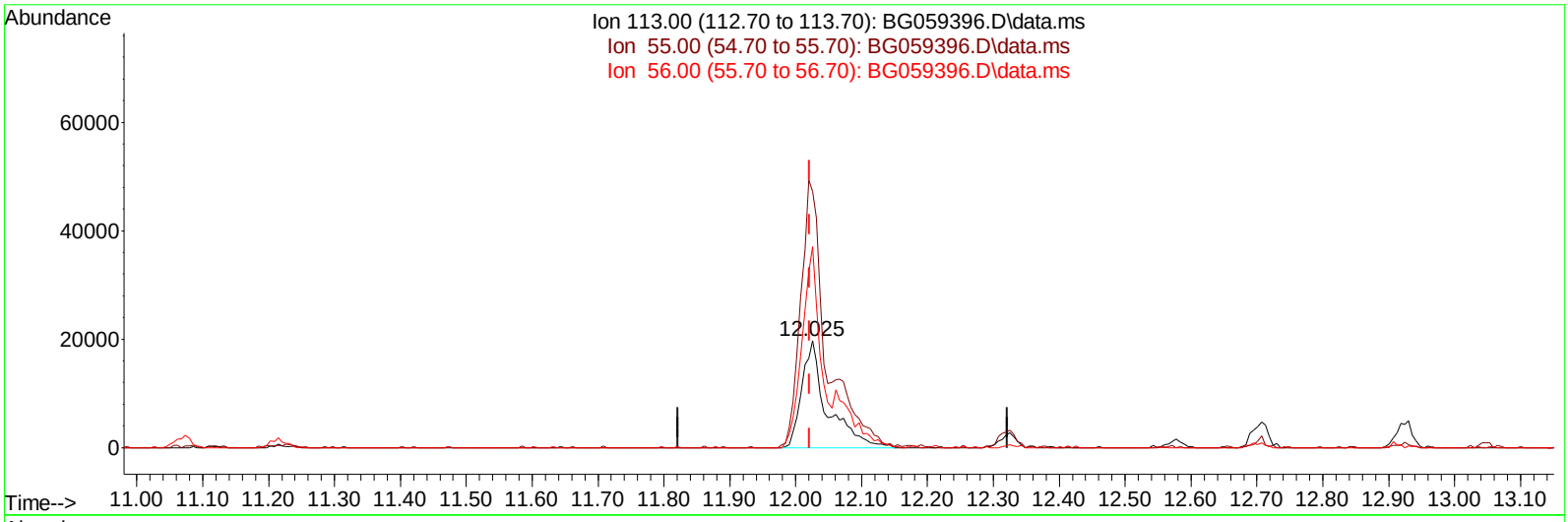

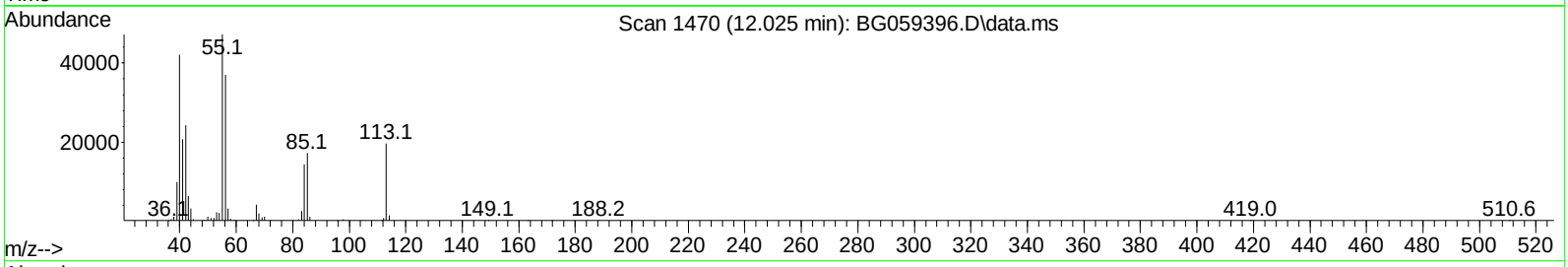

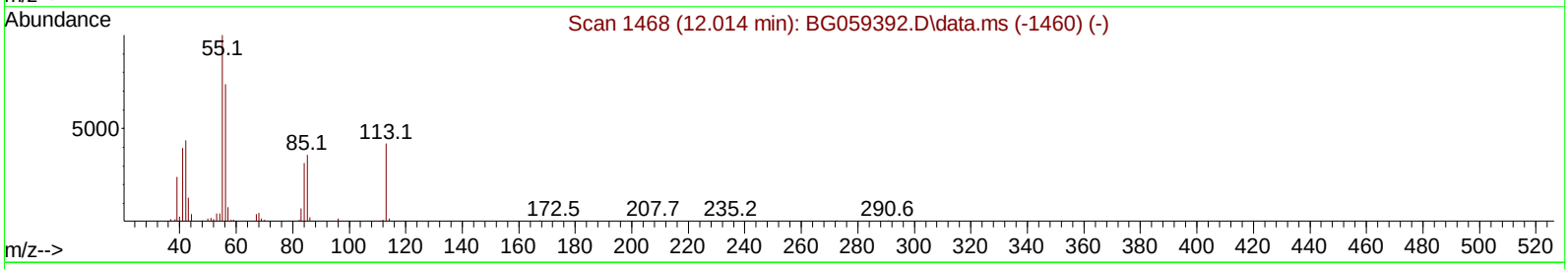

TIC: BG059396.D\data.ms

(34) Caprolactam

12.025min (+ 0.004) 38.21 ng/ul m

response 52563

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	239.75
56.00	177.10	187.78
0.00	0.00	0.00

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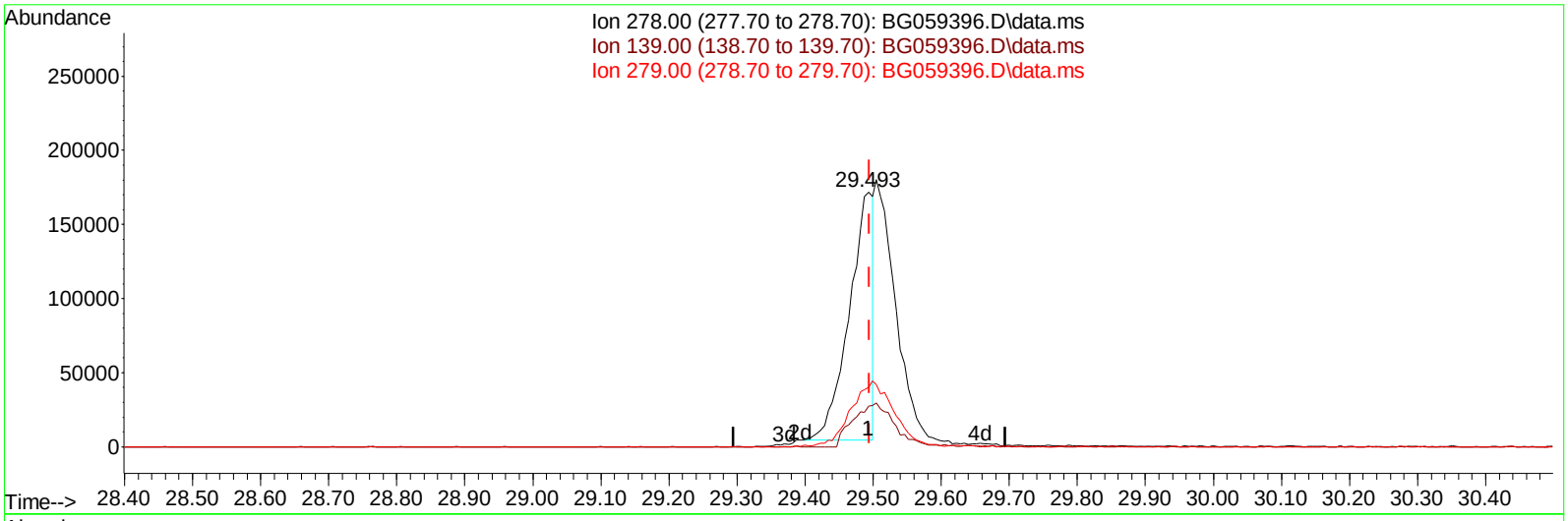

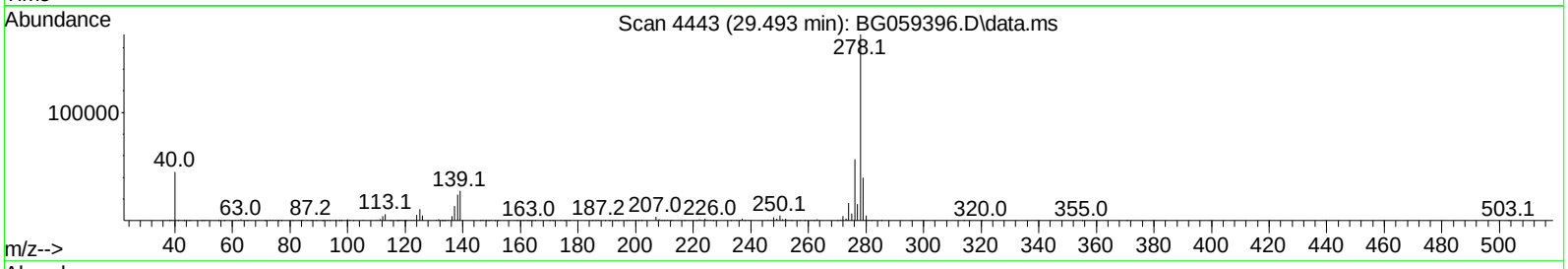

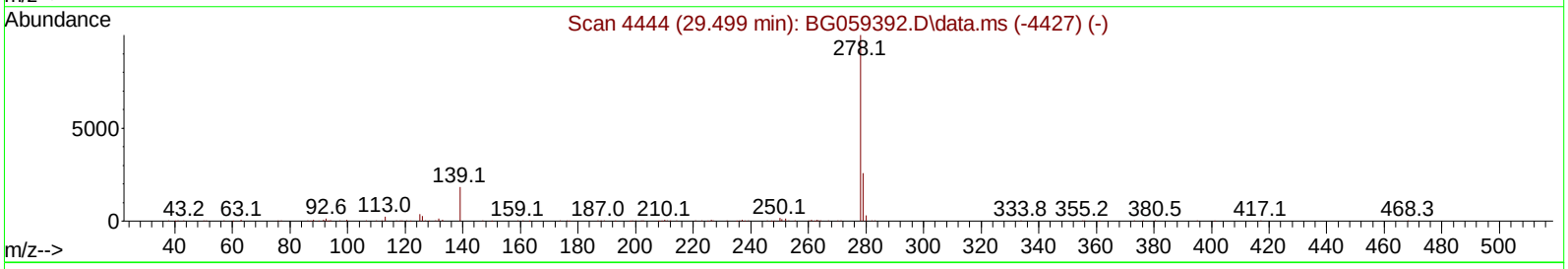

TIC: BG059396.D\data.ms

(95) Dibenzo(a,h)anthracene

29.493min (-0.002) 20.71 ng/ul

response 410409

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.10	15.88
279.00	23.20	23.26
0.00	0.00	0.00

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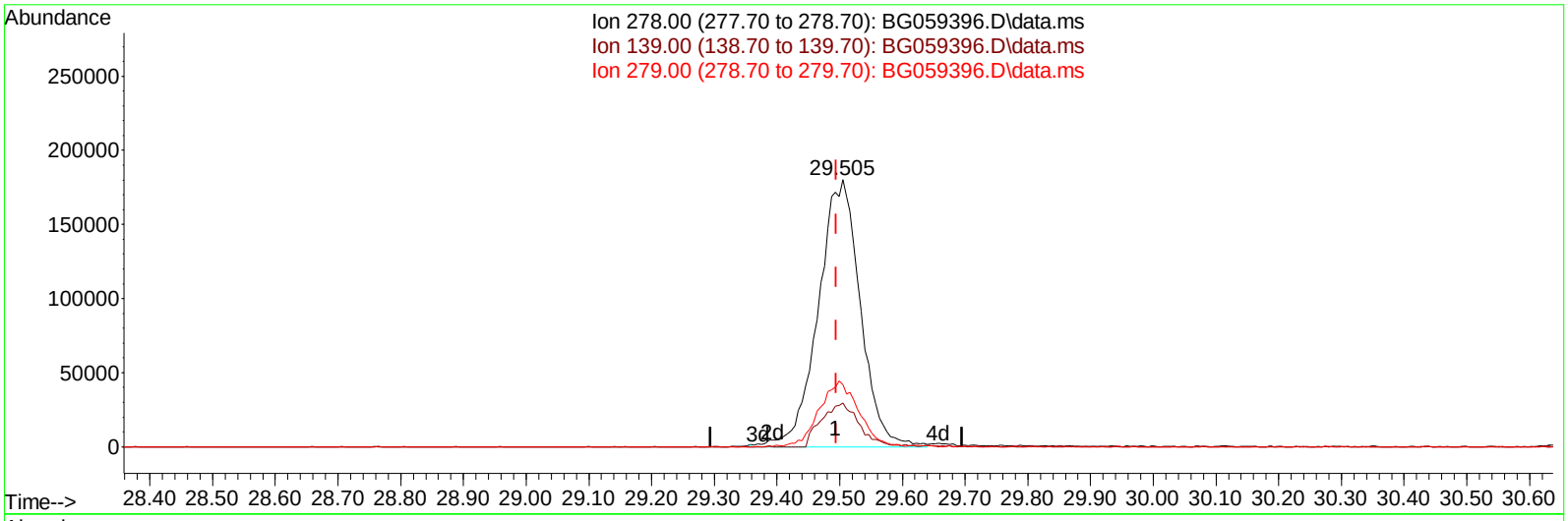

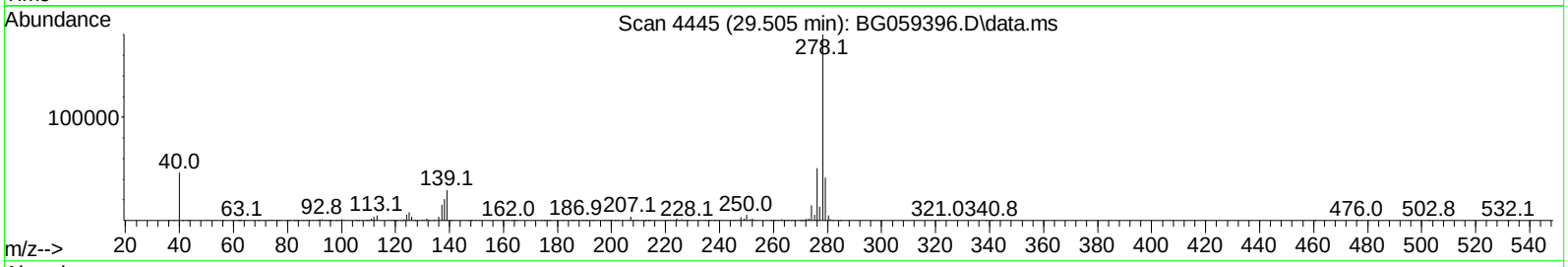

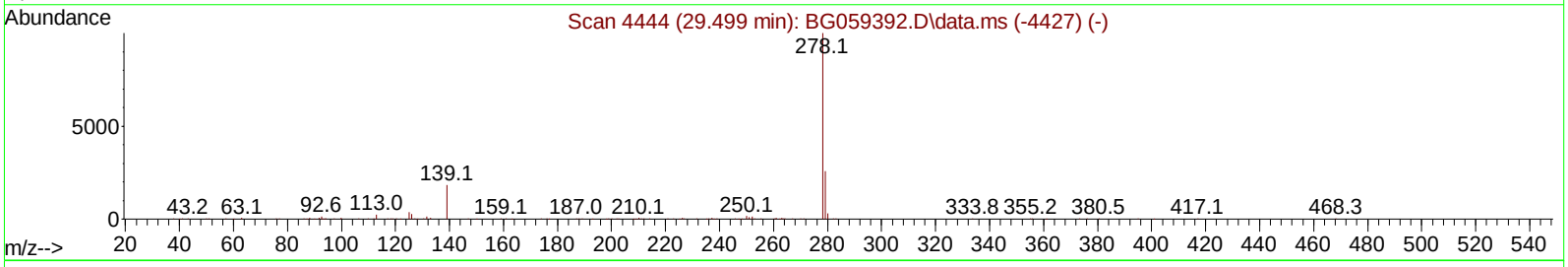

TIC: BG059396.D\data.ms

(95) Dibenzo(a,h)anthracene

29.505min (+ 0.010) 42.38 ng/ul m

response 839969

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.10	16.38
279.00	23.20	23.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Oct 09 23:21:01 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	44776	20.000	ng/ul	0.00
20) Naphthalene-d8	11.068	136	226208	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.863	164	150603	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.613	188	334287	20.000	ng/ul	0.00
79) Chrysene-d12	21.914	240	284569	20.000	ng/ul	0.00
88) Perylene-d12	25.398	264	337133	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	9665	7.696	ng/uL	0.00
4) Pyridine-d5	3.958	84	134824	37.299	ng/ul	0.00
7) Phenol-d5	7.354	99	191925	38.819	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	107006	38.292	ng/ul	0.00
11) 2-Chlorophenol-d4	7.748	132	138958	40.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	146105	37.929	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	72996	37.907	ng/ul	0.00
24) 2-Nitrophenol-d4	10.139	143	81177	38.949	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	154111	40.967	ng/ul	0.00
31) 4-Chloroaniline-d4	11.214	131	211238	35.350	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	486810	39.455	ng/ul	0.00
49) Acenaphthylene-d8	14.564	160	578800	39.420	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	83271	36.015	ng/ul	0.00
60) Fluorene-d10	15.850	176	446129	37.880	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	87693	39.732	ng/ul	0.00
73) Anthracene-d10	17.713	188	664327	40.511	ng/ul	0.00
81) Pyrene-d10	19.987	212	704337	40.857	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.157	264	716906	40.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	19142	14.279	ng/uL#	85
5) Pyridine	3.982	79	123832	33.930	ng/ul	97
6) Benzaldehyde	7.372	77	85170	41.530	ng/ul	98
8) Phenol	7.384	94	197003	40.295	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.642	93	145591	38.669	ng/ul	98
12) 2-Chlorophenol	7.777	128	143031	39.256	ng/ul#	92
13) 2-Methylphenol	8.653	108	143983	39.413	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.735	45	301768	38.307	ng/ul	97
16) Acetophenone	9.070	105	225629	38.545	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.035	70	107280	36.781	ng/ul#	79
18) 4-Methylphenol	8.988	108	157906	39.307	ng/ul	98
19) Hexachloroethane	9.311	117	52444	39.571	ng/ul	85
22) Nitrobenzene	9.475	77	161207	38.187	ng/ul	95
23) Isophorone	9.975	82	349346	38.754	ng/ul#	98
25) 2-Nitrophenol	10.175	139	86141	40.075	ng/ul#	87
26) 2,4-Dimethylphenol	10.204	107	154346	36.400	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.457	93	211109	38.972	ng/ul	98
29) 2,4-Dichlorophenol	10.697	162	156586	41.336	ng/ul	96
30) Naphthalene	11.121	128	512406	39.166	ng/ul	99
32) 4-Chloroaniline	11.238	127	193675	34.261	ng/ul	98
33) Hexachlorobutadiene	11.350	225	91687	40.087	ng/ul	91
34) Caprolactam	12.025	113	52563m	38.212	ng/ul	
35) 4-Chloro-3-methylphenol	12.319	107	159297	39.189	ng/ul	94

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.707	142	349136	40.030	ng/ul	91
37) 1-Methylnaphthalene	12.924	142	346776	38.294	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.054	216	186675	41.613	ng/ul#	97
40) Hexachlorocyclopentadiene	13.001	237	106443	39.523	ng/ul	97
41) 2,4,6-Trichlorophenol	13.294	196	124398	40.868	ng/ul	97
42) 2,4,5-Trichlorophenol	13.365	196	137641	41.635	ng/ul	94
43) 1,1'-Biphenyl	13.700	154	509384	41.095	ng/ul	98
44) 2-Chloronaphthalene	13.753	162	388363	40.760	ng/ul	98
45) 2-Nitroaniline	13.970	65	123456	39.569	ng/ul	95
47) Dimethylphthalate	14.305	163	496355	40.028	ng/ul	98
48) 2,6-Dinitrotoluene	14.452	165	103414	41.337	ng/ul	98
50) Acenaphthylene	14.599	152	632933	40.102	ng/ul	98
51) 3-Nitroaniline	14.793	138	102274	41.750	ng/ul	97
52) Acenaphthene	14.928	153	428884	40.162	ng/ul	98
53) 2,4-Dinitrophenol	14.992	184	48636	27.066	ng/ul	92
55) 4-Nitrophenol	15.075	109	57377	36.779	ng/ul	86
56) Dibenzofuran	15.257	168	584322	39.656	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	146604	40.014	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.468	232	124469	39.238	ng/ul	93
59) Diethylphthalate	15.650	149	471776	38.253	ng/ul	99
61) Fluorene	15.909	166	494074	39.410	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.891	204	247046	39.880	ng/ul	99
63) 4-Nitroaniline	15.956	138	101458	46.004	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.985	198	92469	39.391	ng/ul#	96
67) N-Nitrosodiphenylamine	16.109	169	396743	41.939	ng/ul	98
68) 4-Bromophenyl-phenylether	16.784	248	150067	42.275	ng/ul	97
69) Hexachlorobenzene	16.878	284	169054	41.722	ng/ul	98
70) Atrazine	17.043	200	145296	38.739	ng/ul	96
71) Pentachlorophenol	17.237	266	94446	40.106	ng/ul	97
72) Phenanthrene	17.654	178	817447	41.289	ng/ul	99
74) Anthracene	17.748	178	834810	41.459	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.659	216	190105	43.773	ng/uL	94
76) Pentachlorobenzene	15.157	250	181422	40.363	ng/uL	95
77) Carbazole	18.024	167	683145	40.768	ng/ul	97
78) Di-n-butylphthalate	18.524	149	815732	41.147	ng/ul	99
80) Fluoranthene	19.652	202	900922	42.000	ng/ul	99
82) Pyrene	20.016	202	921836	41.350	ng/ul	97
83) Butylbenzylphthalate	20.868	149	337054	40.919	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.808	252	310682	43.763	ng/ul	95
85) Benzo(a)anthracene	21.890	228	897662	41.303	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.720	149	510555	41.443	ng/ul	99
87) Chrysene	21.967	228	851351	41.704	ng/ul	97
89) Di-n-octyl phthalate	23.012	149	890509	41.862	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	930389	41.885	ng/ul	99
91) Benzo(k)fluoranthene	24.346	252	911221	40.402	ng/ul	98
93) Benzo(a)pyrene	25.233	252	878157	41.503	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.428	276	1008695	41.386	ng/ul	97
95) Dibenzo(a,h)anthracene	29.505	278	839969m	42.383	ng/ul	
96) Benzo(g,h,i)perylene	30.709	276	792013	40.745	ng/ul#	94

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

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