Quantitation Report (Qedit)

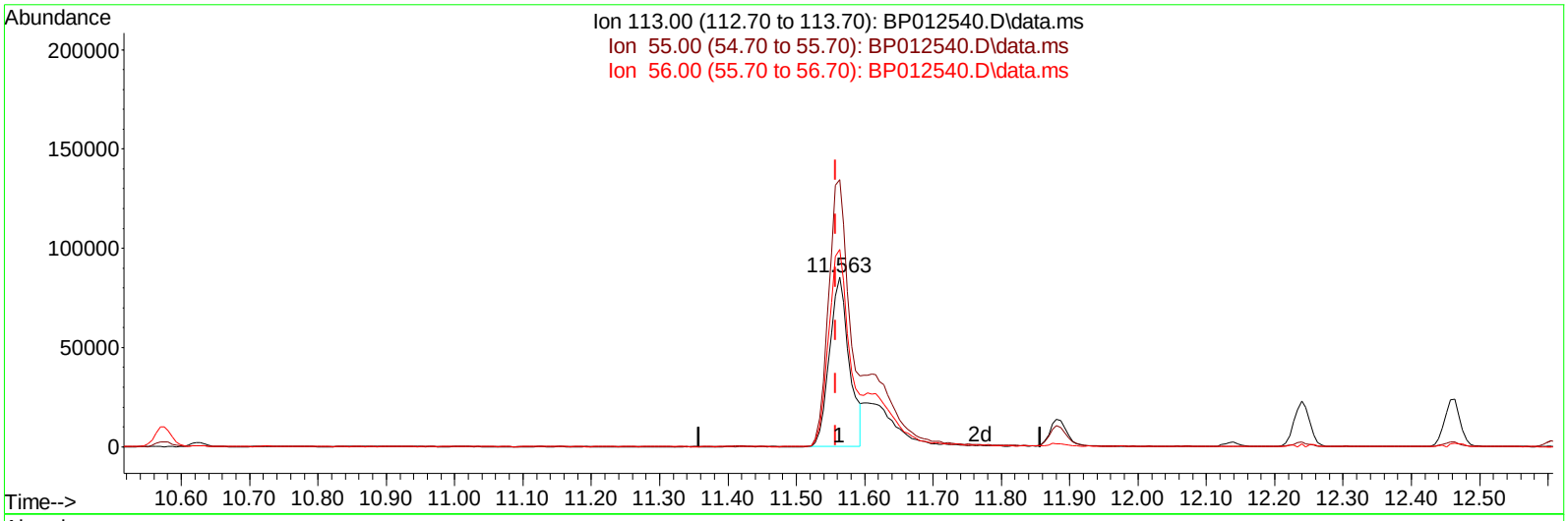
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012540.D
Acq On : 07 Nov 2022 20:17
Operator : CG/JU
Sample : PB148749BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

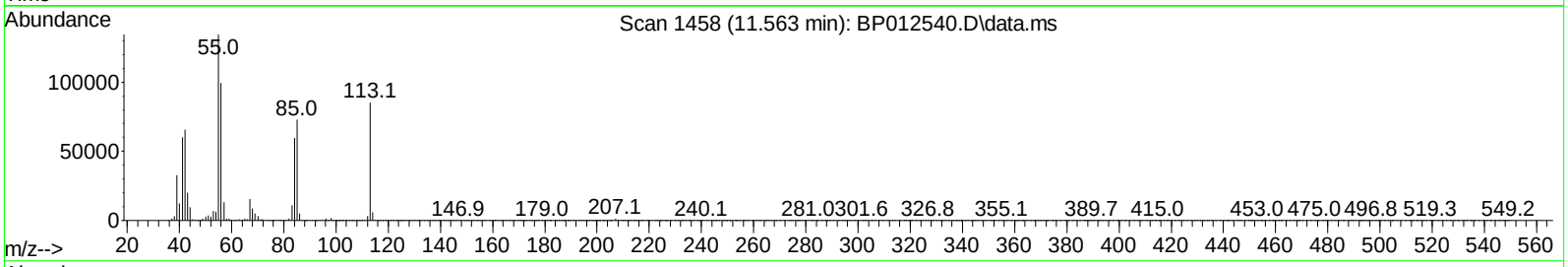
Quant Time: Nov 07 21:42:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 04 02:53:36 2022
Response via : Initial Calibration

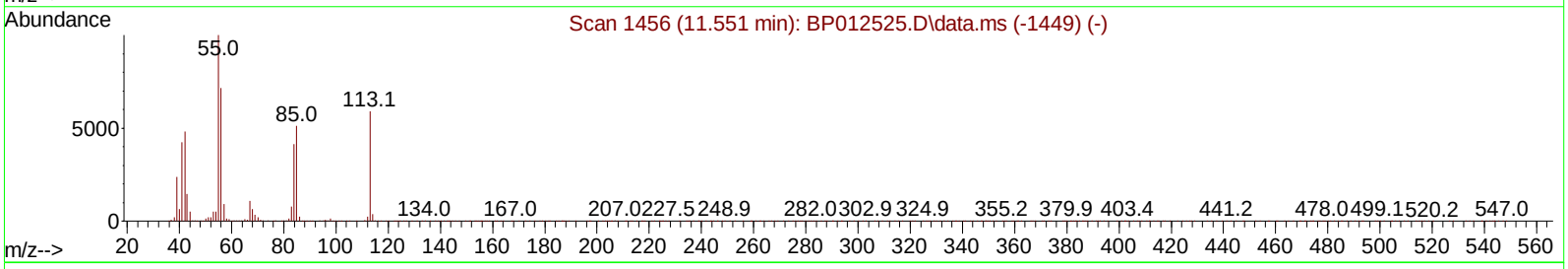
Instrument :
BNA_P
ClientSampleId :
SLCS749

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/08/2022
Supervised By :mohammad ahmed 11/14/2022







TIC: BP012540.D\data.ms

(34) Caprolactam

11.563min (+ 0.006) 20.38 ng/ul

response 170783

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.50	157.63
56.00	123.60	116.59
0.00	0.00	0.00

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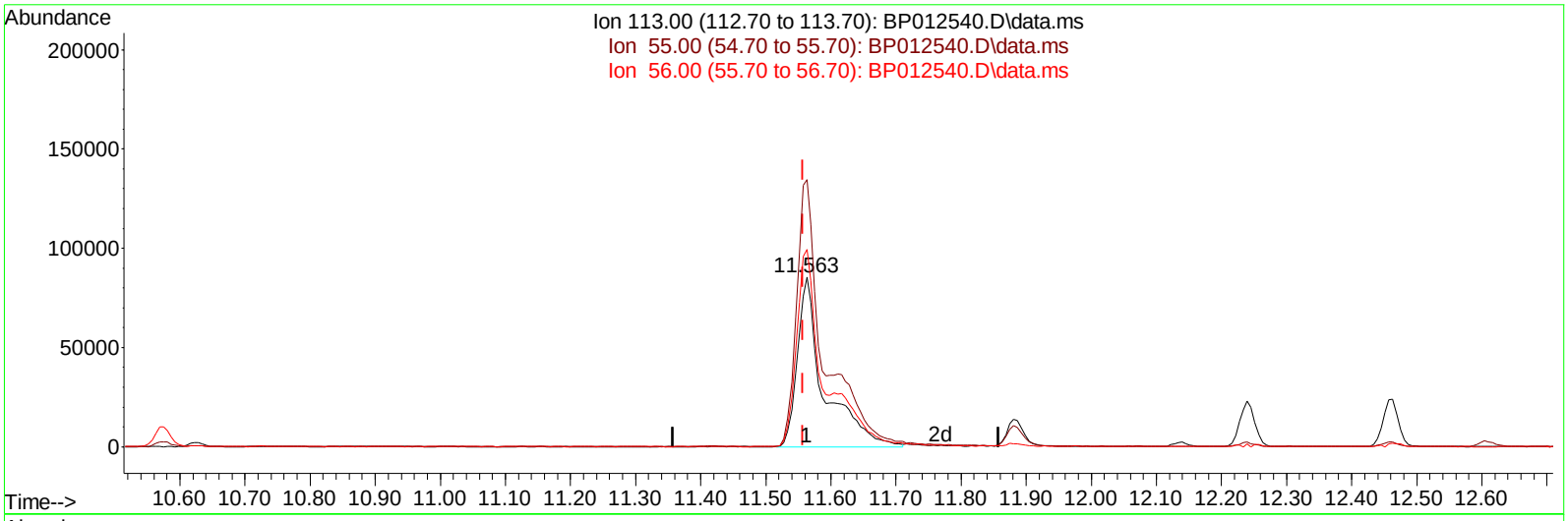

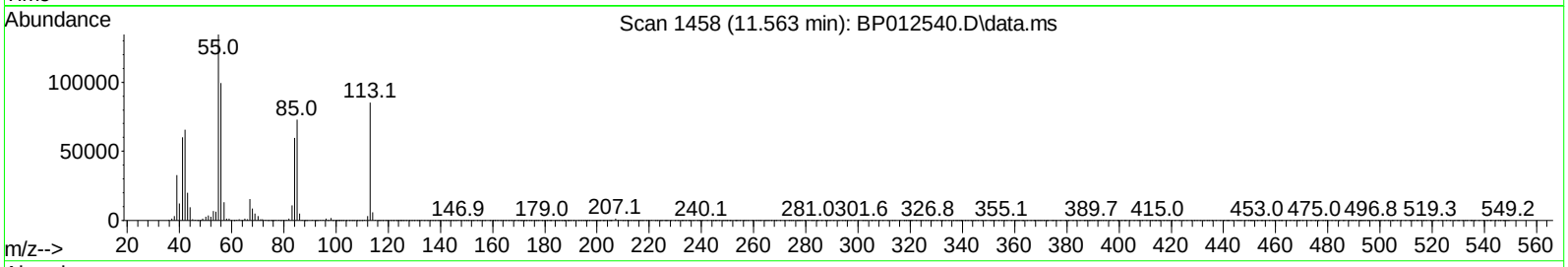

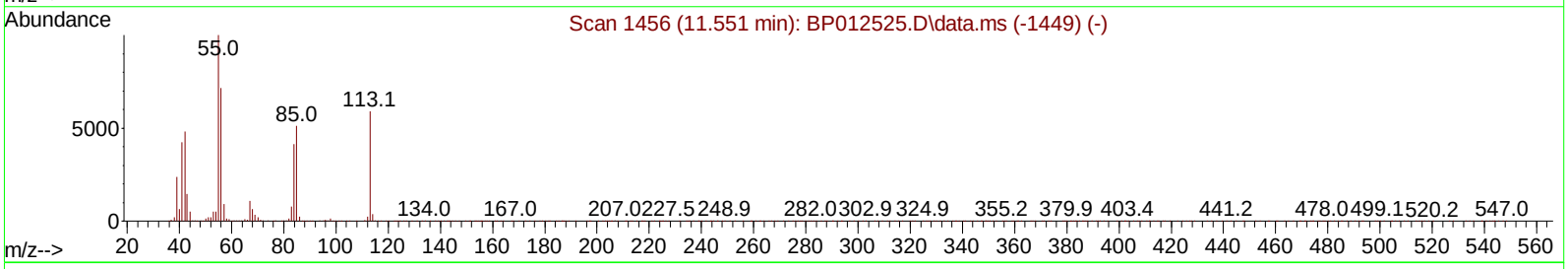

TIC: BP012540.D\data.ms

(34) Caprolactam

11.563min (+ 0.006) 29.16 ng/ul m

response 244407

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.50	157.63
56.00	123.60	116.59
0.00	0.00	0.00

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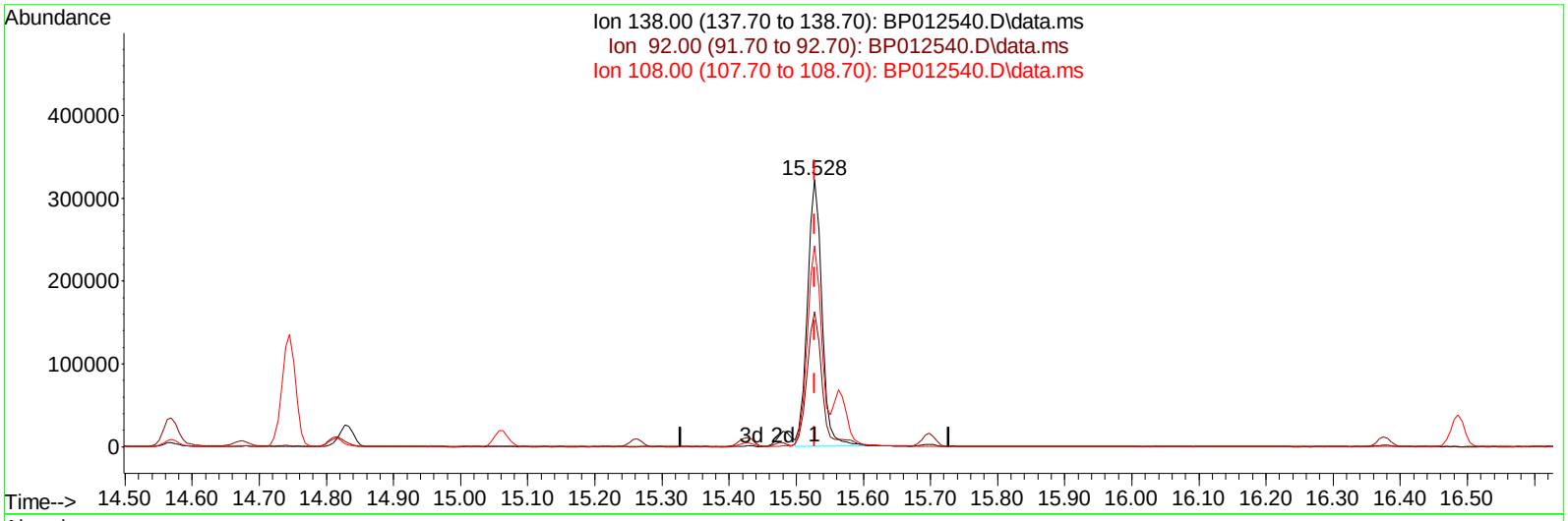

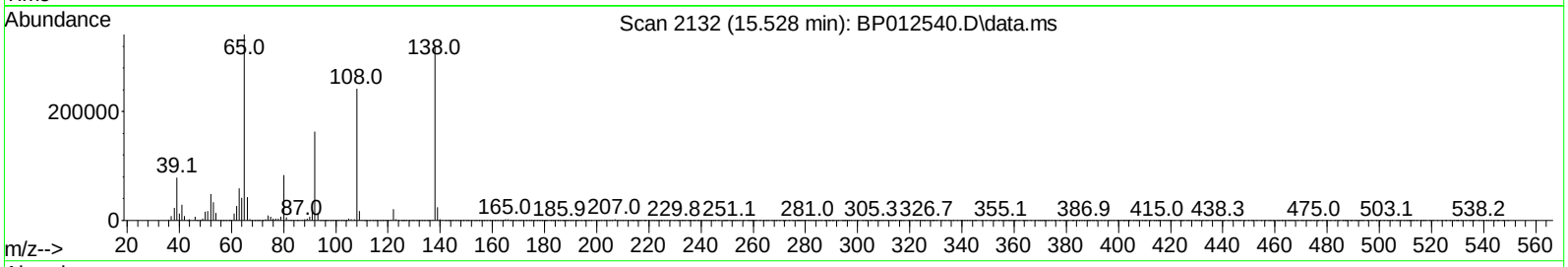

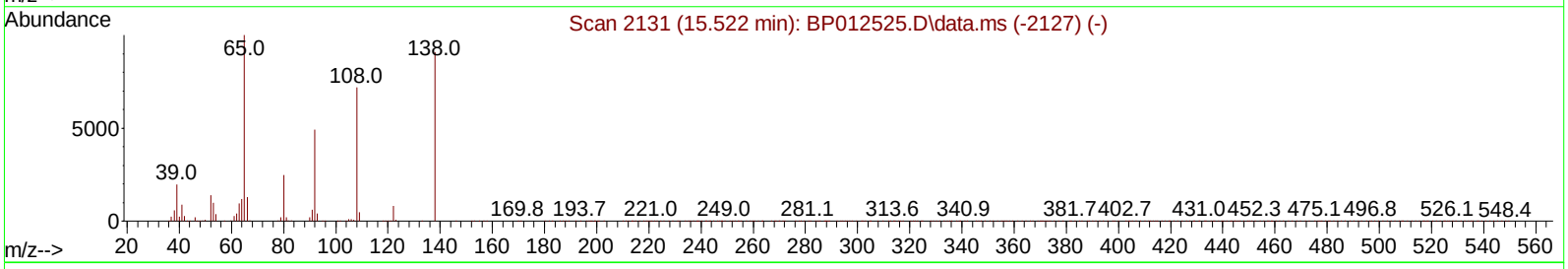

TIC: BP012540.D\data.ms

(63) 4-Nitroaniline

15.528min (-0.000) 33.87 ng/ul

response 481884

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	50.56
108.00	70.80	75.24
0.00	0.00	0.00

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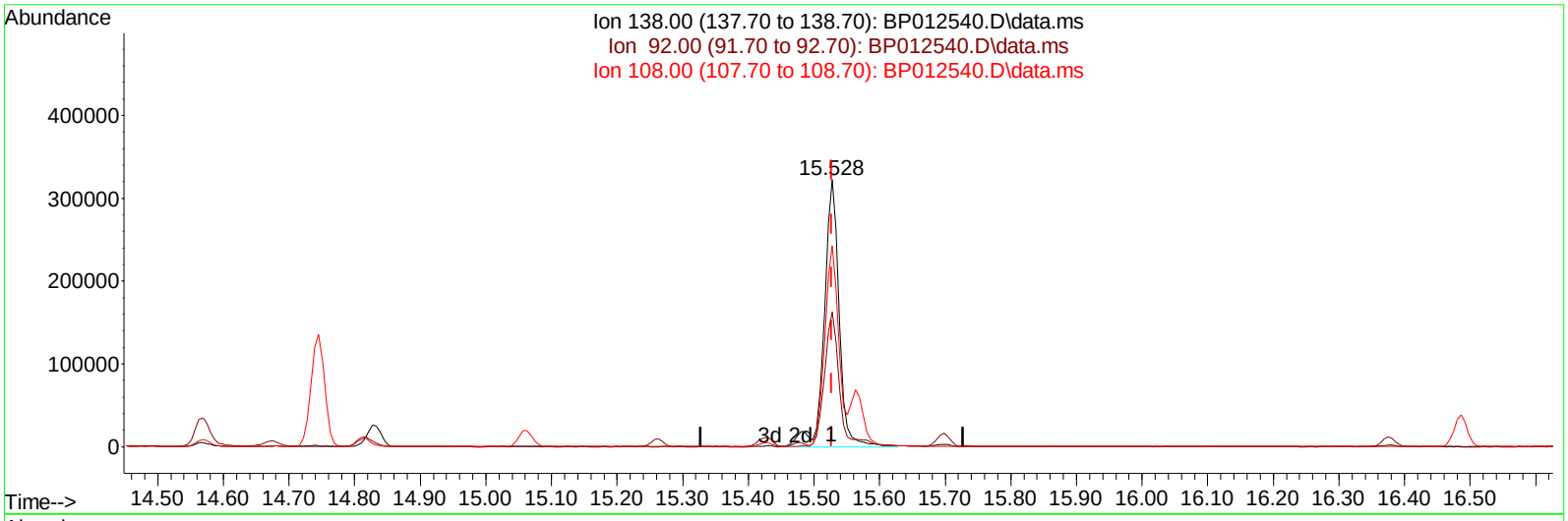

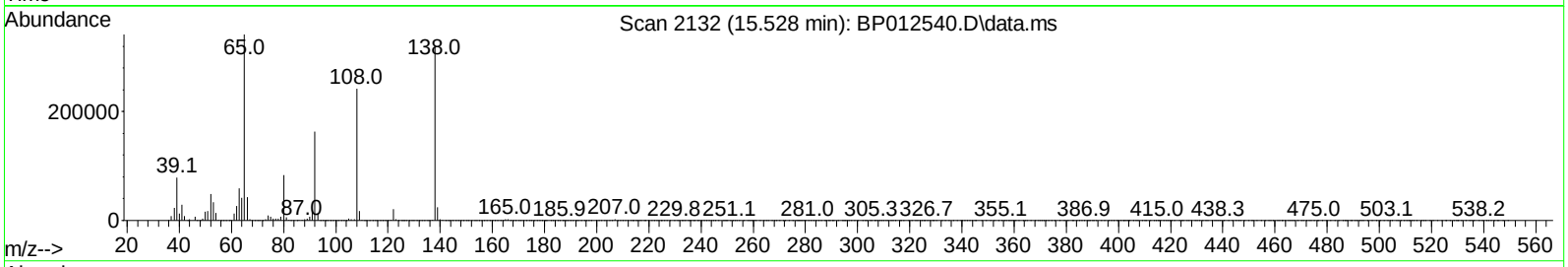

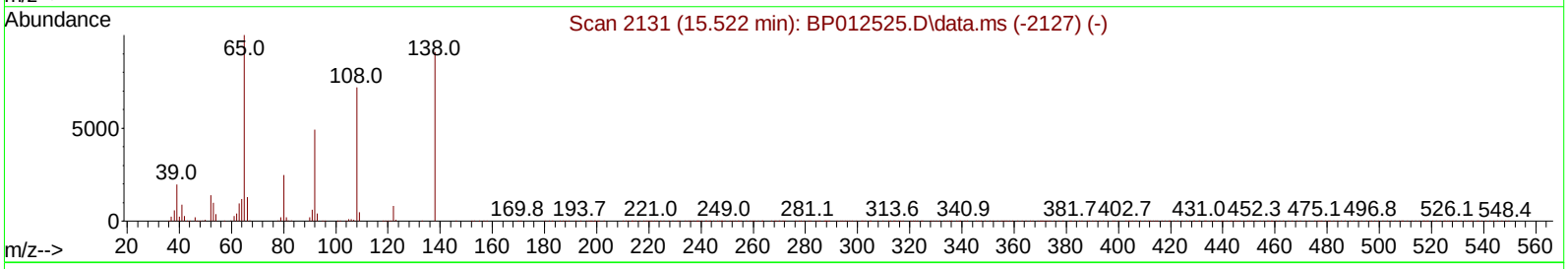

TIC: BP012540.D\data.ms

(63) 4-Nitroaniline

15.528min (-0.000) 36.32 ng/ul m

response 516658

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	50.56
108.00	70.80	75.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.775	152	343038	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1626629	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	1073831	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2349172	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	2195758	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	2027828	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	43232	5.074	ng/uL	0.00
4) Pyridine-d5	3.664	84	47056	1.923	ng/ul	0.01
7) Phenol-d5	6.952	99	936660	30.443	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	526206	28.649	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	696361	30.993	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	762108	31.318	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	366152	34.712	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	415980	37.994	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	766146	32.290	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	54457	1.541	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	2243363	30.518	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	2538631	30.220	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	420318	30.212	ng/ul	0.00
60) Fluorene-d10	15.428	176	1922611	30.548	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	395508	32.337	ng/ul	0.00
73) Anthracene-d10	17.292	188	3054942	30.181	ng/ul	0.00
81) Pyrene-d10	19.533	212	3602101	32.675	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	3112547	31.414	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	81280	8.974	ng/uL	100
5) Pyridine	3.675	79	299707	12.461	ng/ul	96
6) Benzaldehyde	6.928	77	531487	36.627	ng/ul	99
8) Phenol	6.981	94	886085	27.698	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.210	93	674958	26.288	ng/ul	99
12) 2-Chlorophenol	7.340	128	675416	27.614	ng/ul	99
13) 2-Methylphenol	8.228	108	684022	27.803	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.310	45	871531	25.311	ng/ul	99
16) Acetophenone	8.610	105	1040584	27.532	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.593	70	517084	28.418	ng/ul	99
18) 4-Methylphenol	8.563	108	758730	28.217	ng/ul	98
19) Hexachloroethane	8.846	117	253318	26.928	ng/ul	96
22) Nitrobenzene	8.987	77	785838	28.554	ng/ul	99
23) Isophorone	9.516	82	1526347	26.503	ng/ul	100
25) 2-Nitrophenol	9.699	139	417579	31.809	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	798209	27.691	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.998	93	965770	26.205	ng/ul	100
29) 2,4-Dichlorophenol	10.228	162	705286	28.634	ng/ul	99
30) Naphthalene	10.622	128	2248555	26.083	ng/ul	99
32) 4-Chloroaniline	10.751	127	331690	9.124	ng/ul	99
33) Hexachlorobutadiene	10.898	225	411521	26.854	ng/ul	98
34) Caprolactam	11.563	113	244407m	29.161	ng/ul	
35) 4-Chloro-3-methylphenol	11.881	107	815567	30.134	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/08/2022
Supervised By :mohammad ahmed 11/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	1584254	26.805	ng/ul	100
37) 1-Methylnaphthalene	12.463	142	1585819	26.867	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	844278	26.767	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	330787	22.668	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	585908	29.061	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	648559	29.493	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	2058696	26.073	ng/ul	100
44) 2-Chloronaphthalene	13.298	162	1631932	26.301	ng/ul	99
45) 2-Nitroaniline	13.522	65	510039	35.466	ng/ul	99
47) Dimethylphthalate	13.892	163	2118895	27.359	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	450400	35.024	ng/ul	98
50) Acenaphthylene	14.151	152	2518124	26.729	ng/ul	99
51) 3-Nitroaniline	14.357	138	477993	30.356	ng/ul	99
52) Acenaphthene	14.492	153	1745311	26.361	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	220299	25.367	ng/ul	97
55) 4-Nitrophenol	14.675	109	290671	27.612	ng/ul	94
56) Dibenzofuran	14.828	168	2428426	26.867	ng/ul	96
57) 2,4-Dinitrotoluene	14.816	165	647520	33.430	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.063	232	562152	30.119	ng/ul	97
59) Diethylphthalate	15.263	149	2155986	28.609	ng/ul	99
61) Fluorene	15.486	166	1971175	27.447	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	966236	27.429	ng/ul	99
63) 4-Nitroaniline	15.528	138	516658m	36.318	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	371673	28.521	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	1751460	26.472	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	659091	27.932	ng/ul	98
69) Hexachlorobenzene	16.486	284	781417	27.611	ng/ul	99
70) Atrazine	16.663	200	407633	17.785	ng/ul	98
71) Pentachlorophenol	16.845	266	477630	27.481	ng/ul	97
72) Phenanthrene	17.233	178	3344765	26.951	ng/ul	100
74) Anthracene	17.328	178	3310273	26.849	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	841041	25.027	ng/uL	100
76) Pentachlorobenzene	14.745	250	837881	23.612	ng/uL	99
77) Carbazole	17.610	167	3129806	28.502	ng/ul	100
78) Di-n-butylphthalate	18.151	149	3865408	30.300	ng/ul	100
80) Fluoranthene	19.210	202	4012390	29.479	ng/ul	98
82) Pyrene	19.563	202	4060406	28.801	ng/ul	99
83) Butylbenzylphthalate	20.439	149	1850324	35.203	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	209858	4.400	ng/ul	99
85) Benzo(a)anthracene	21.274	228	3875136	27.663	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	2718558	33.825	ng/ul	98
87) Chrysene	21.327	228	3564460	27.218	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	4545792	37.583	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	3678622	28.648	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	3603427	29.446	ng/ul	99
93) Benzo(a)pyrene	23.568	252	3109614	27.731	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.145	276	3535397	25.302	ng/ul	98
95) Dibenzo(a,h)anthracene	26.162	278	3113033	24.882	ng/ul	98
96) Benzo(g,h,i)perylene	26.903	276	3059418	24.769	ng/ul	99

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

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