Quantitation Report (Qedit)

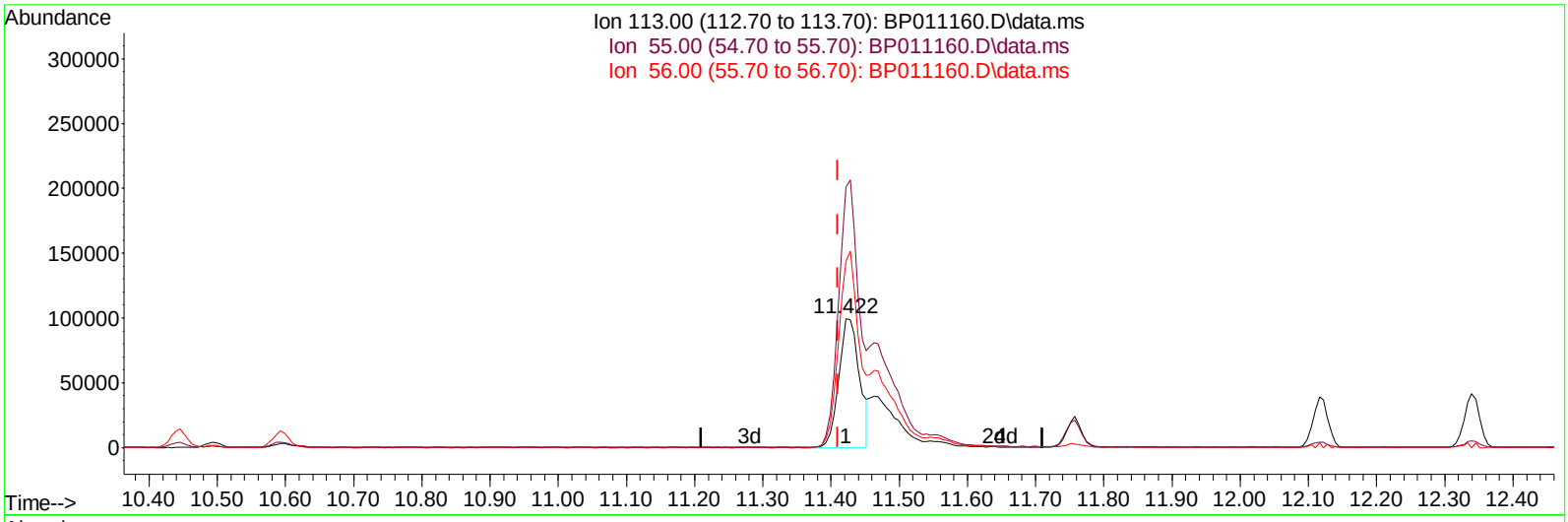
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072822\
Data File : BP011160.D
Acq On : 28 Jul 2022 13:55
Operator : CG/JU
Sample : SSTD04027
Misc :
ALS Vial : 5 Sample Multiplier: 1

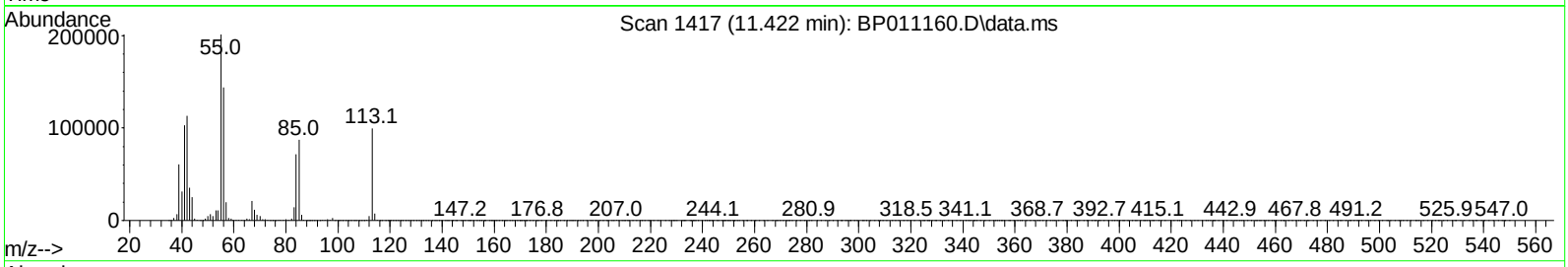
Quant Time: Jul 28 14:30:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 14:10:09 2022
Response via : Initial Calibration

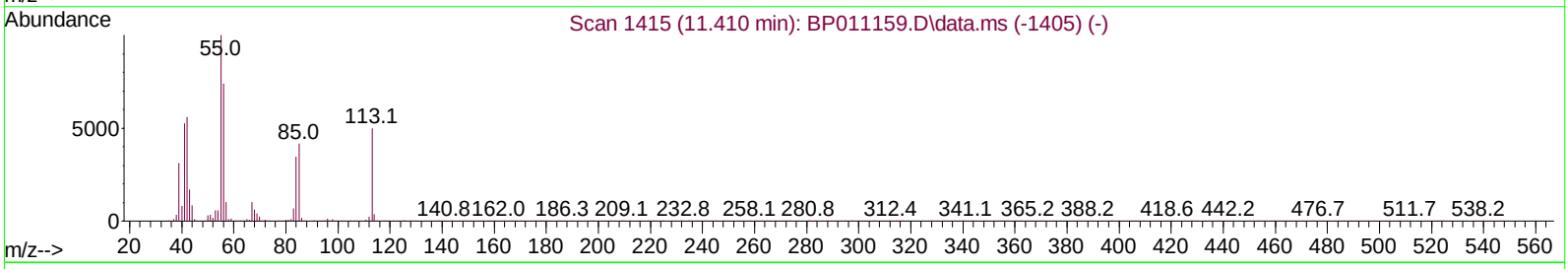
Instrument :
BNA_P
ClientSampleId :
SSTD040627

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/29/2022
Supervised By :mohammad ahmed 07/30/2022







TIC: BP011160.D\data.ms

(34) Caprolactam

11.422min (+ 0.012) 27.17 ng/ul

response 208263

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	201.94
56.00	137.80	144.16
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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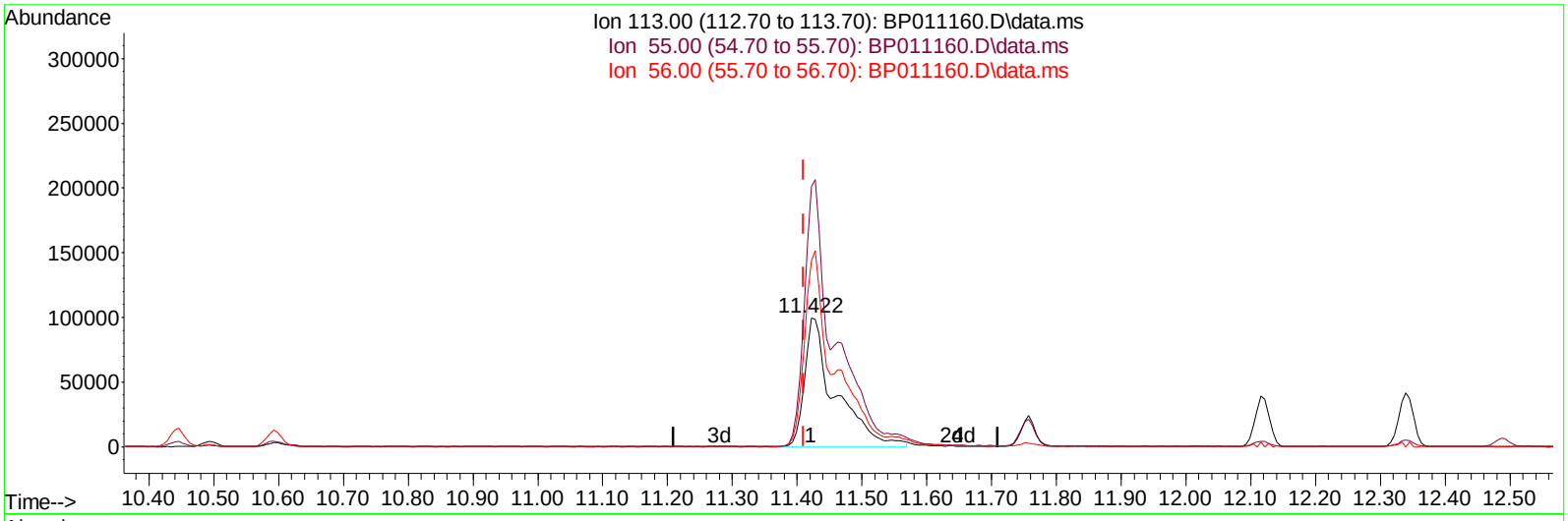

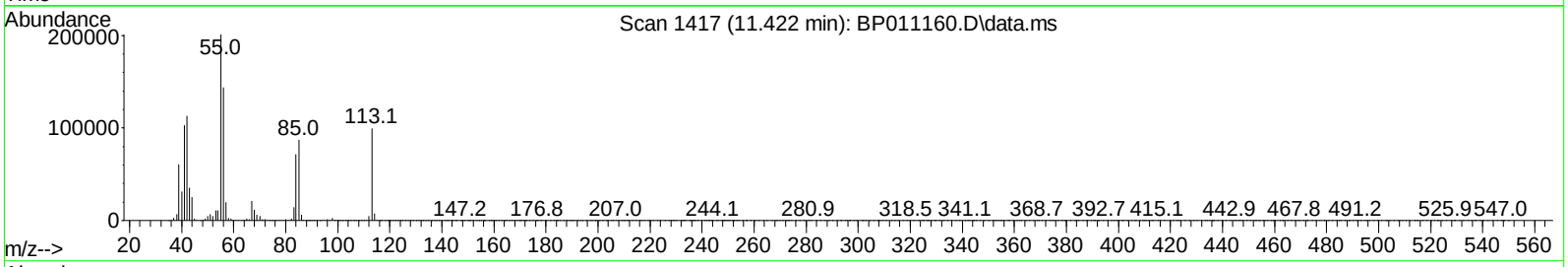

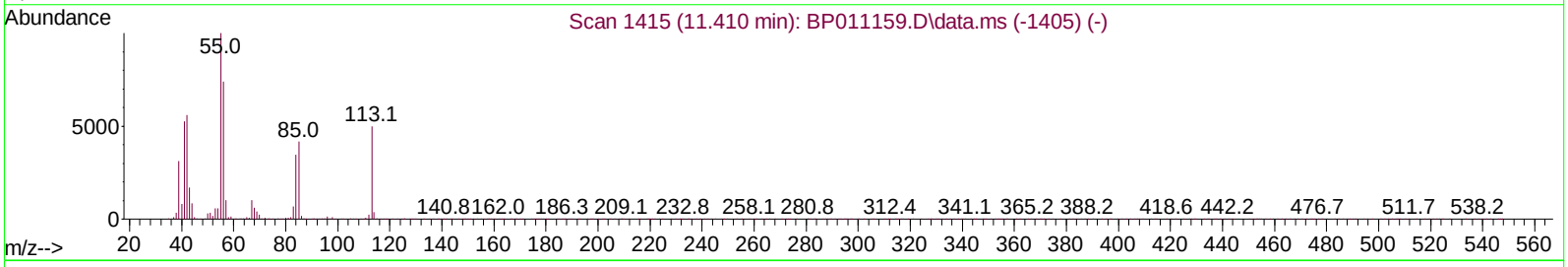

TIC: BP011160.D\data.ms

(34) Caprolactam

11.422min (+ 0.012) 42.82 ng/ul m

response 328211

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	201.94
56.00	137.80	144.16
0.00	0.00	0.00

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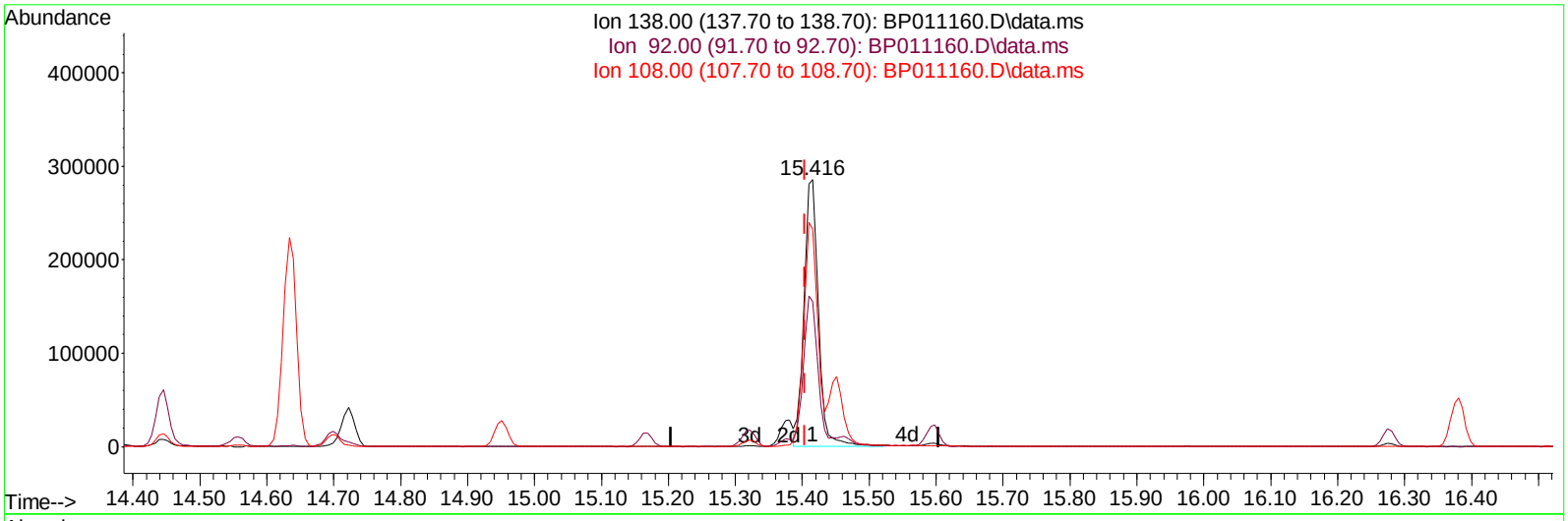

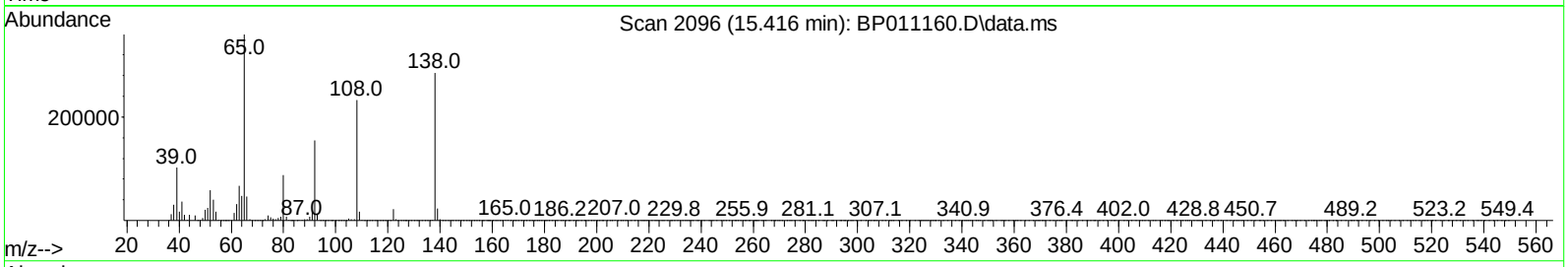

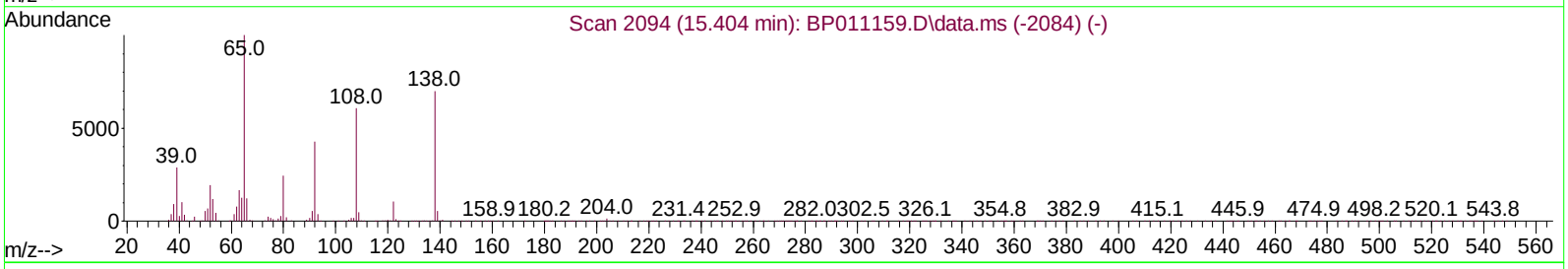

TIC: BP011160.D\data.ms

(63) 4-Nitroaniline

15.416min (+ 0.012) 33.99 ng/ul

response 426995

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	54.36
108.00	107.30	81.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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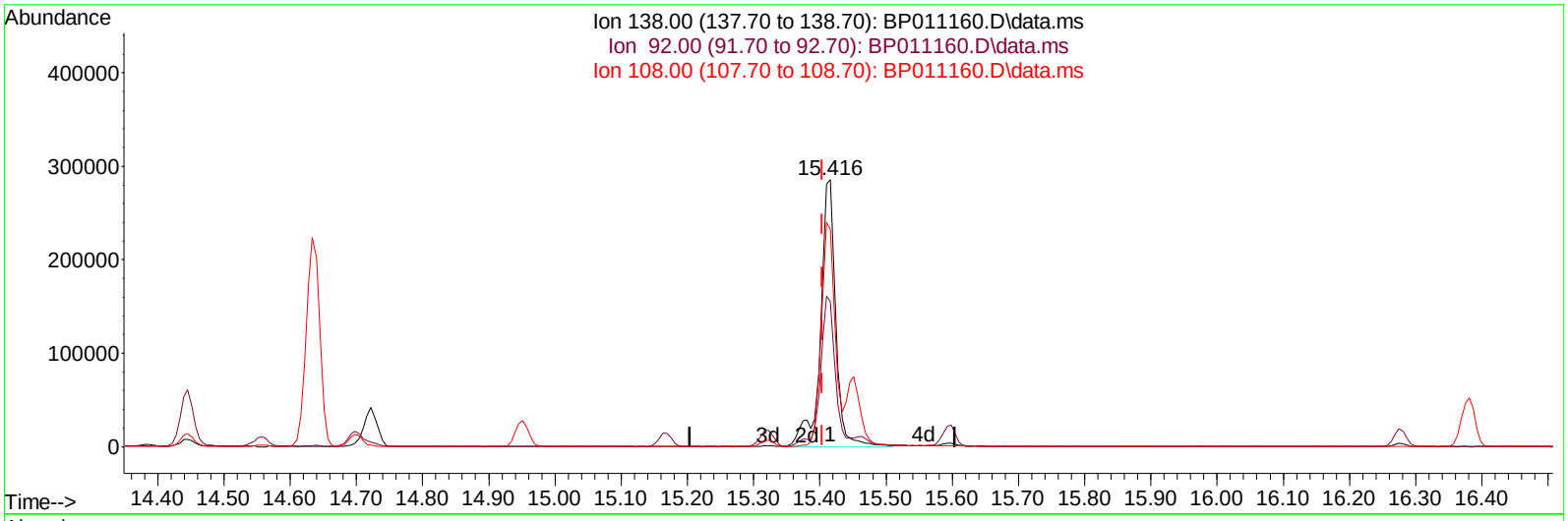

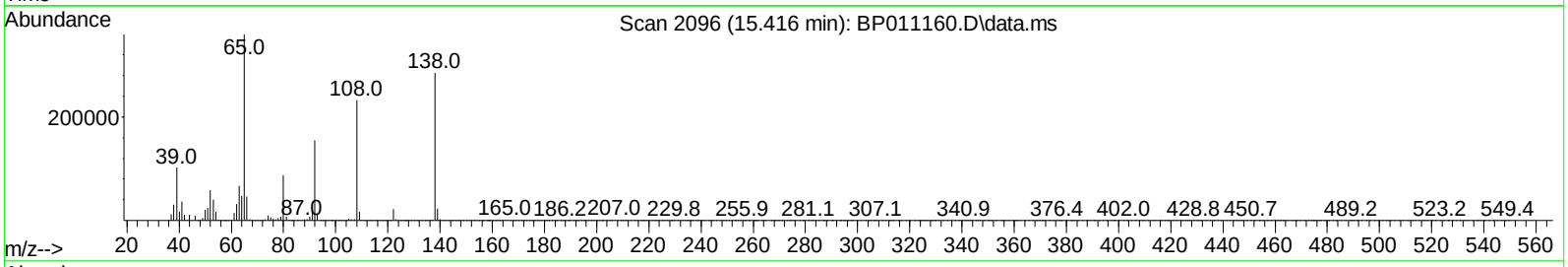

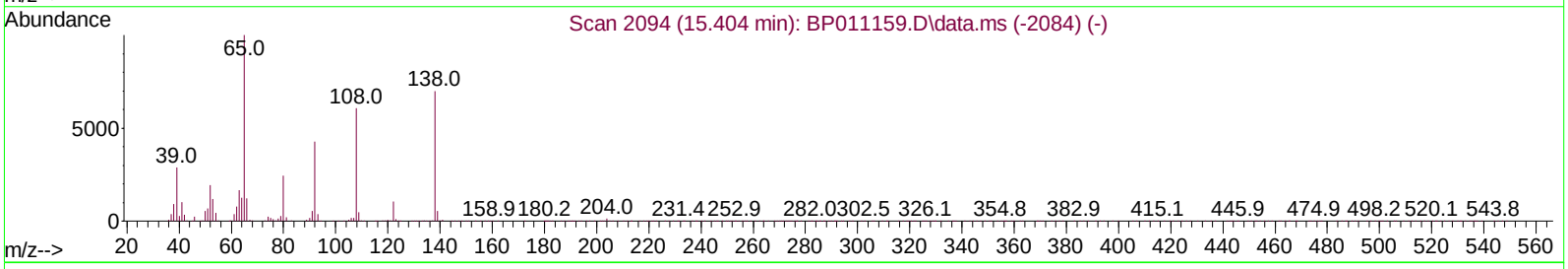

TIC: BP011160.D\data.ms

(63) 4-Nitroaniline

15.416min (+ 0.012) 37.29 ng/ul m

response 468422

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	54.36
108.00	107.30	81.48#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/29/2022
Supervised By :mohammad ahmed 07/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	328464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.446	136	1602332	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.316	164	911277	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1523414	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.210	240	945391	20.000	ng/ul	# 0.00
88) Perylene-d12	23.551	264	1014882	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	114207	12.535	ng/uL	0.00
4) Pyridine-d5	3.558	84	853105	36.226	ng/ul	0.00
7) Phenol-d5	6.834	99	1267284	47.002	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	902077	52.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	1016892	46.675	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	1097941	50.866	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	547431	46.881	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	557395	48.241	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	952840	45.093	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	1495083	42.918	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2728538	43.809	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	3383330	46.041	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	446064	35.387	ng/ul	0.01
60) Fluorene-d10	15.322	176	2231843	42.158	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	336876	44.689	ng/ul	0.00
73) Anthracene-d10	17.186	188	2836458	43.797	ng/ul	0.00
81) Pyrene-d10	19.445	212	2490297	50.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	2210588	45.351	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	115350	12.066	ng/uL#	85
5) Pyridine	3.575	79	871343	35.903	ng/ul#	77
6) Benzaldehyde	6.799	77	753002	57.497	ng/ul	99
8) Phenol	6.858	94	1361225	47.496	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.087	93	1113987	48.975	ng/ul	96
12) 2-Chlorophenol	7.216	128	1048701	46.567	ng/ul	98
13) 2-Methylphenol	8.105	108	1049904	49.537	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.193	45	1906349	61.277	ng/ul	96
16) Acetophenone	8.481	105	1706365	52.221	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.475	70	955665	58.289	ng/ul	99
18) 4-Methylphenol	8.440	108	1159325	51.231	ng/ul	99
19) Hexachloroethane	8.722	117	449892	50.481	ng/ul#	75
22) Nitrobenzene	8.857	77	1377927	50.178	ng/ul	97
23) Isophorone	9.393	82	2681950	52.184	ng/ul	98
25) 2-Nitrophenol	9.563	139	610496	47.071	ng/ul	90
26) 2,4-Dimethylphenol	9.634	107	1287595	46.946	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.875	93	1611185	47.372	ng/ul	98
29) 2,4-Dichlorophenol	10.099	162	967274	44.226	ng/ul	98
30) Naphthalene	10.493	128	3526813	43.193	ng/ul	99
32) 4-Chloroaniline	10.616	127	1469388	42.644	ng/ul	99
33) Hexachlorobutadiene	10.775	225	546001	42.887	ng/ul	96
34) Caprolactam	11.422	113	328211m	42.820	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	1175276	47.549	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/29/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	2368871	44.751	ng/ul	98
37) 1-Methylnaphthalene	12.340	142	2384759	44.945	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.493	216	1034682	43.050	ng/ul#	97
40) Hexachlorocyclopentadiene	12.469	237	692493	46.519	ng/ul	95
41) 2,4,6-Trichlorophenol	12.740	196	709193	44.806	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	765666	45.264	ng/ul	99
43) 1,1'-Biphenyl	13.145	154	3027608	44.527	ng/ul#	97
44) 2-Chloronaphthalene	13.187	162	2243620	43.931	ng/ul	97
45) 2-Nitroaniline	13.404	65	776807	52.206	ng/ul	92
47) Dimethylphthalate	13.792	163	2709879	43.120	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	551516	48.473	ng/ul	99
50) Acenaphthylene	14.040	152	3681696	44.650	ng/ul	99
51) 3-Nitroaniline	14.240	138	564220	41.275	ng/ul	95
52) Acenaphthene	14.381	153	2400955	43.953	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	254515	38.235	ng/ul	97
55) 4-Nitrophenol	14.557	109	377740	39.141	ng/ul#	79
56) Dibenzofuran	14.722	168	3206369	42.539	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	724112	44.617	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	552454	41.704	ng/ul#	82
59) Diethylphthalate	15.169	149	2768103	42.889	ng/ul	97
61) Fluorene	15.375	166	2498205	41.300	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	1132914	40.683	ng/ul#	87
63) 4-Nitroaniline	15.416	138	468422m	37.285	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	339902	43.952	ng/ul	92
67) N-Nitrosodiphenylamine	15.598	169	2097811	48.206	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	671318	48.860	ng/ul	93
69) Hexachlorobenzene	16.381	284	727915	45.648	ng/ul#	89
70) Atrazine	16.569	200	640018	42.515	ng/ul	96
71) Pentachlorophenol	16.733	266	404064	41.144	ng/ul	98
72) Phenanthrene	17.133	178	3458712	43.578	ng/ul	98
74) Anthracene	17.222	178	3425424	43.387	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	1092707	50.104	ng/uL	97
76) Pentachlorobenzene	14.634	250	956720	50.044	ng/uL	99
77) Carbazole	17.504	167	2865837	38.784	ng/ul	98
78) Di-n-butylphthalate	18.069	149	3811571	41.266	ng/ul	99
80) Fluoranthene	19.116	202	3144064	54.141	ng/ul#	84
82) Pyrene	19.475	202	3078244	51.377	ng/ul#	83
83) Butylbenzylphthalate	20.369	149	1266123	47.370	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.139	252	722950	43.187	ng/ul#	96
85) Benzo(a)anthracene	21.198	228	2532586	43.988	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.133	149	1859050	46.616	ng/ul#	95
87) Chrysene	21.245	228	2455914	43.442	ng/ul	98
89) Di-n-octyl phthalate	22.045	149	3080937	45.266	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	2743524	43.781	ng/ul#	95
91) Benzo(k)fluoranthene	22.886	252	2591062	44.020	ng/ul#	93
93) Benzo(a)pyrene	23.451	252	2708095	45.000	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.974	276	3380261	48.333	ng/ul#	88
95) Dibenzo(a,h)anthracene	25.998	278	2892961	47.803	ng/ul#	91
96) Benzo(g,h,i)perylene	26.721	276	2941368	49.380	ng/ul#	86

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

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