Quantitation Report (Qedit)

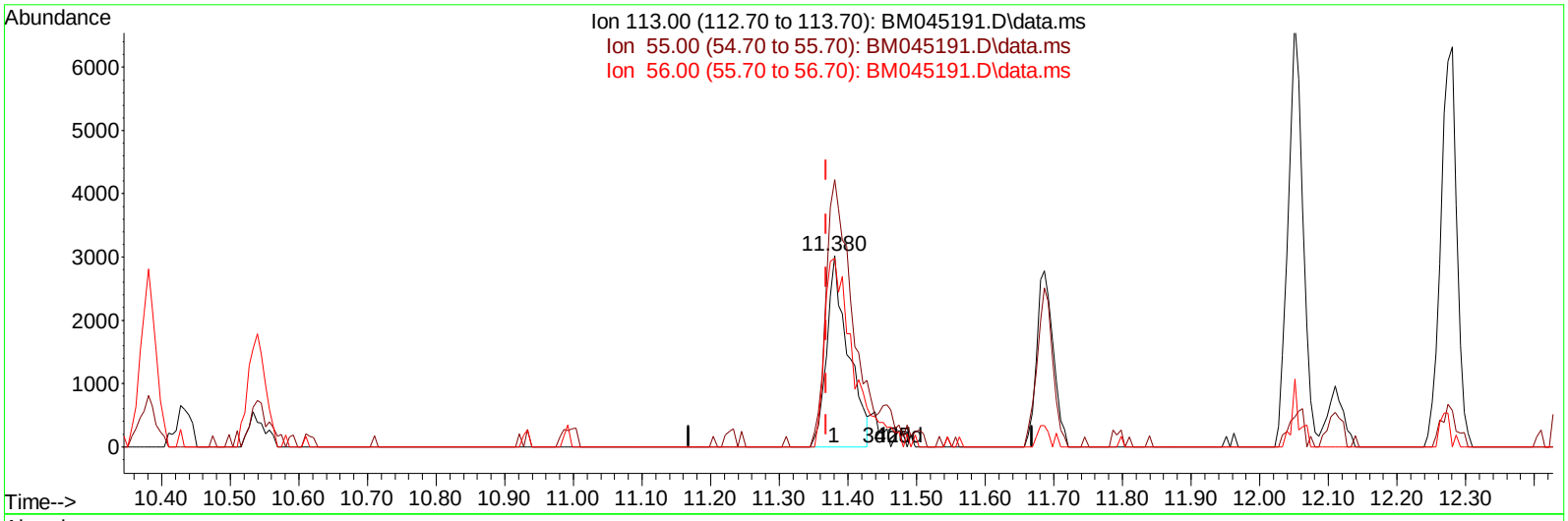
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045191.D
Acq On : 13 Apr 2024 04:29
Operator : MA/JU
Sample : P1979-02MS 10X
Misc :
ALS Vial : 55 Sample Multiplier: 1

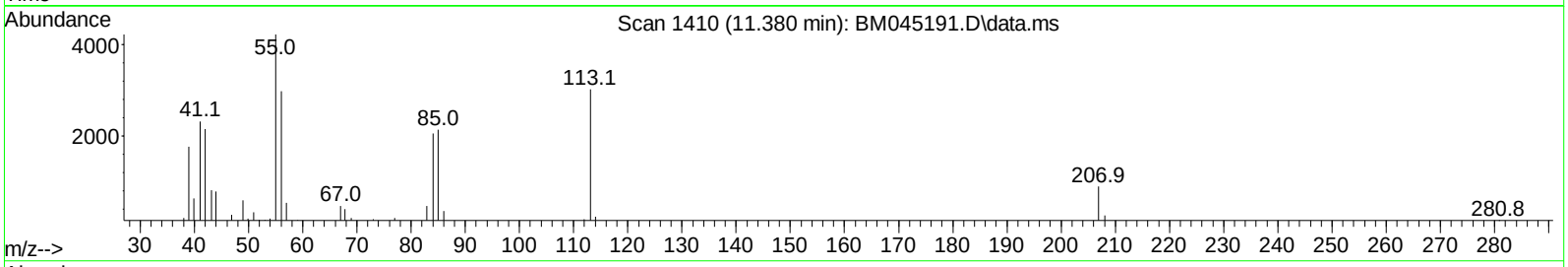
Quant Time: Apr 13 05:05:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

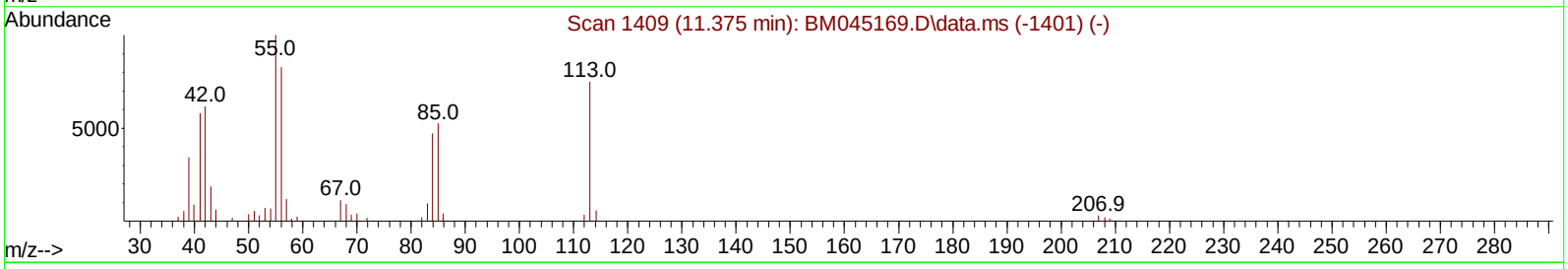
Instrument :
BNA_M
ClientSampleId :
E0M17MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024







TIC: BM045191.D\data.ms

(34) Caprolactam

11.380min (+ 0.012) 4.04 ng/ul

response 6538

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	139.64
56.00	114.80	98.71
0.00	0.00	0.00

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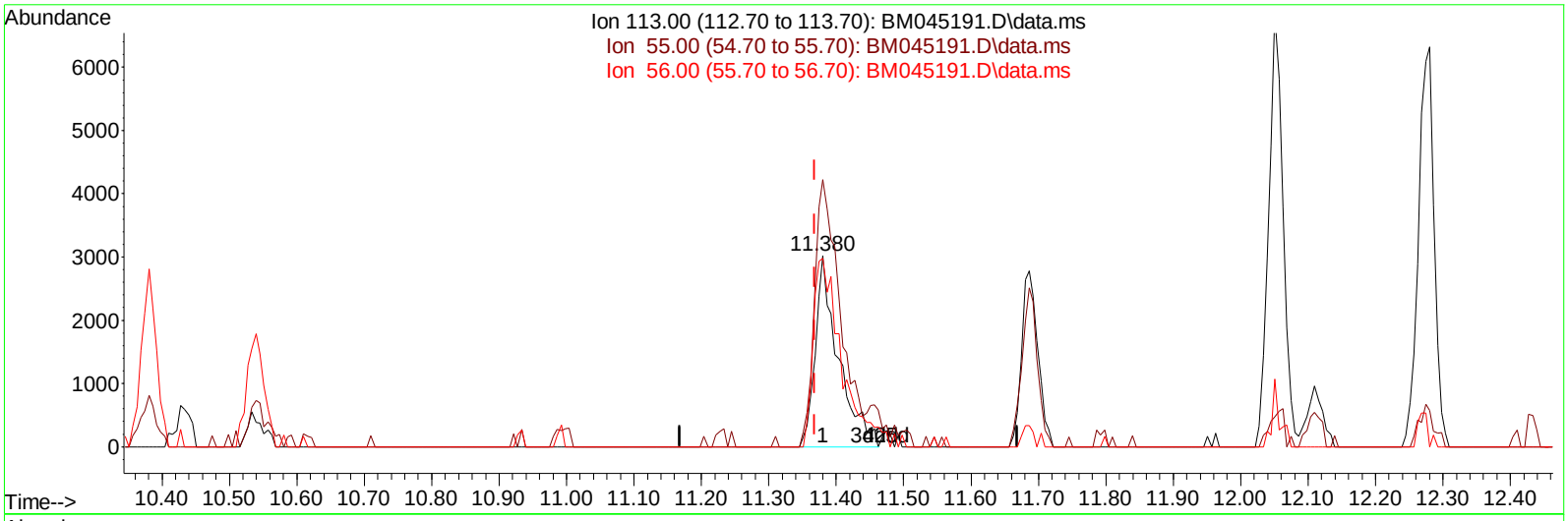

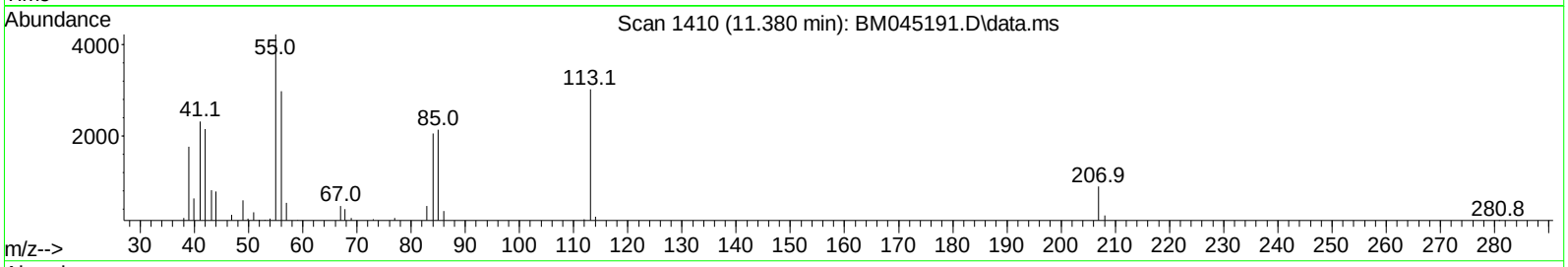

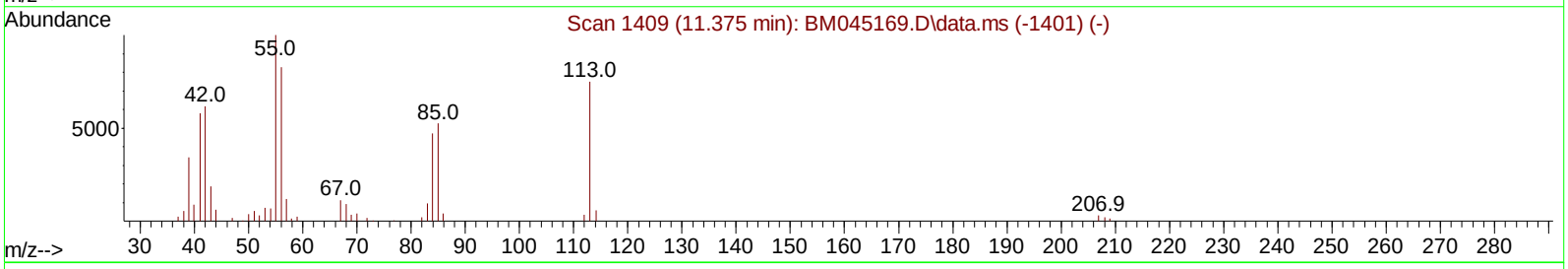

TIC: BM045191.D\data.ms

(34) Caprolactam

11.380min (+ 0.012) 4.43 ng/ul m

response 7167

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	139.64
56.00	114.80	98.71
0.00	0.00	0.00

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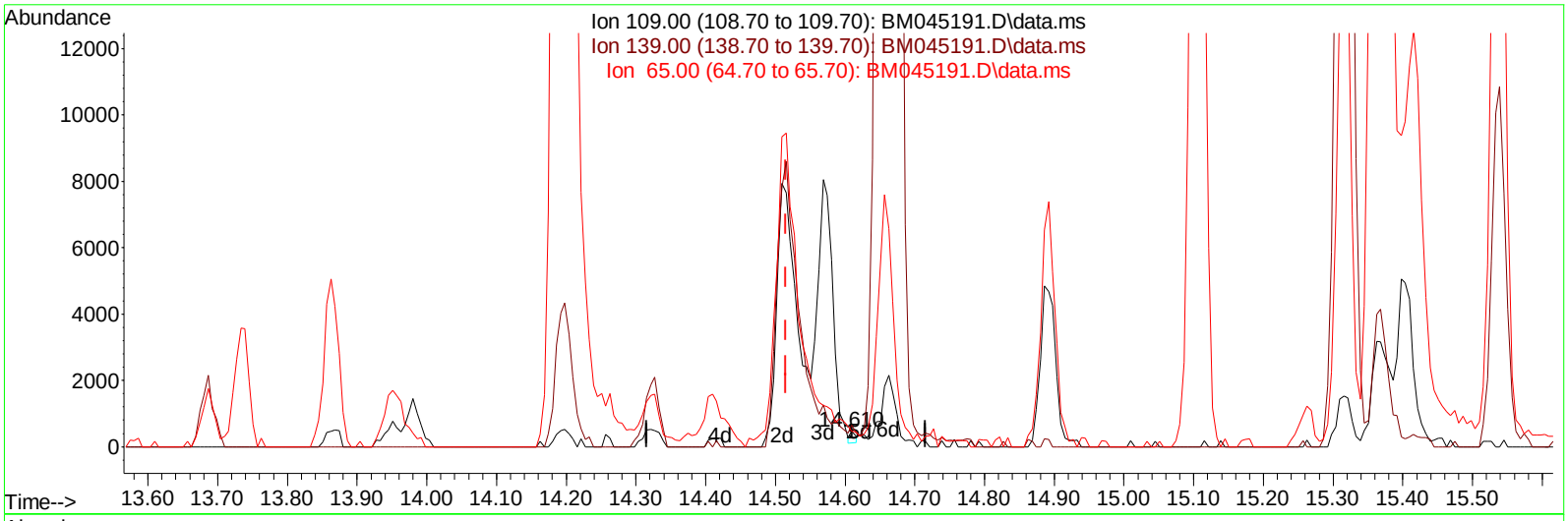

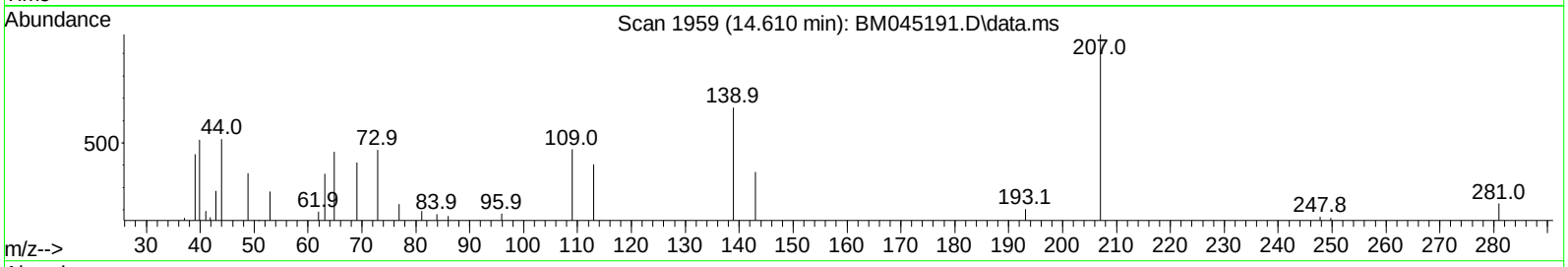

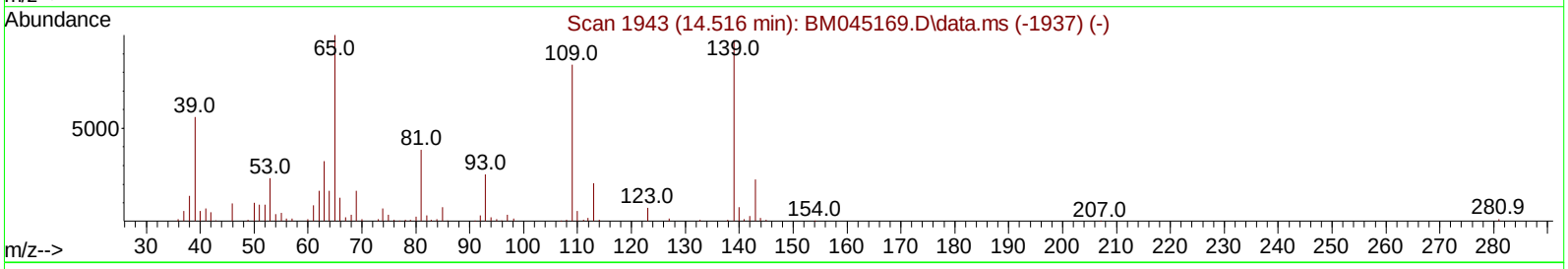

TIC: BM045191.D\data.ms

(55) 4-Nitrophenol

14.610min (+ 0.094) 0.08 ng/ul

response 199

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	134.60	139.92
65.00	120.40	97.66
0.00	0.00	0.00

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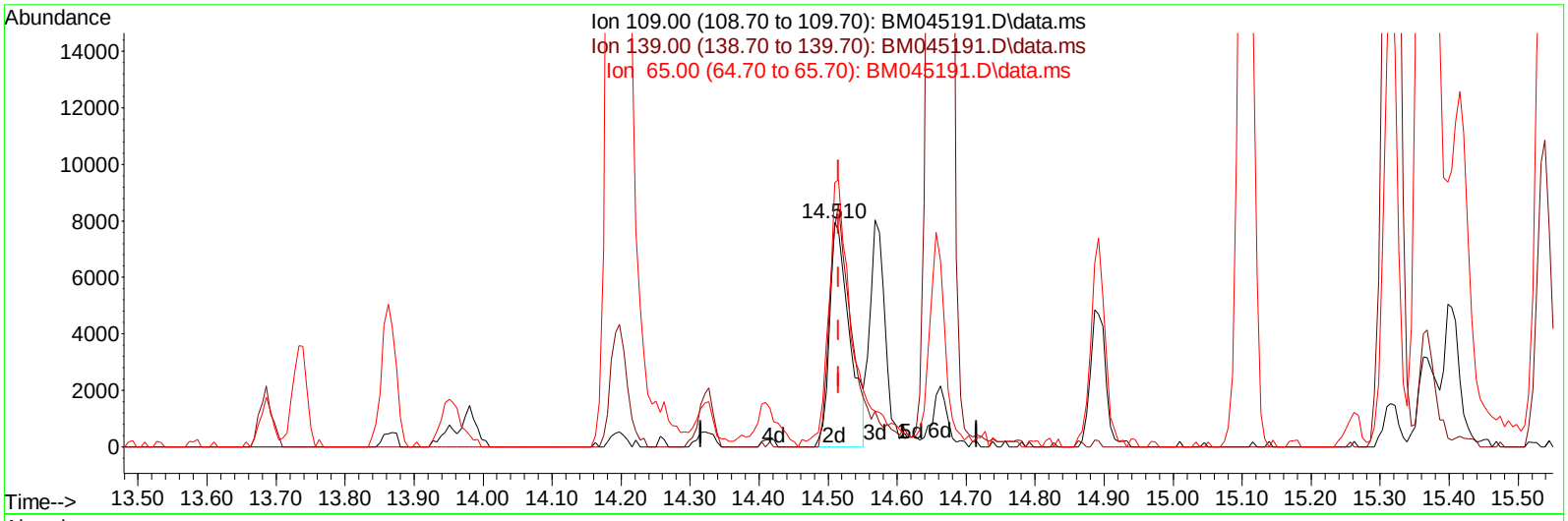

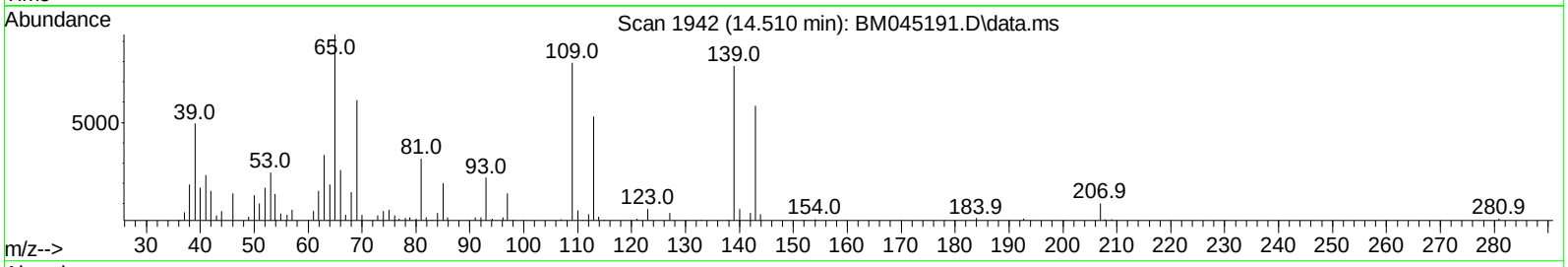

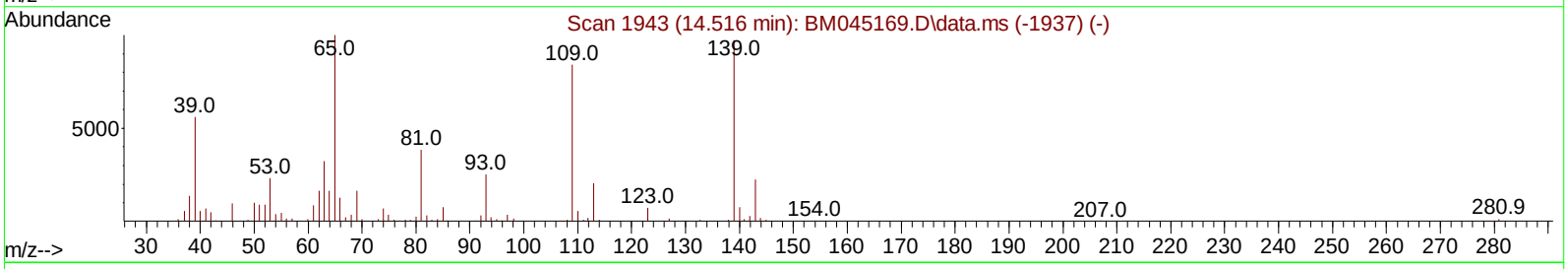

TIC: BM045191.D\data.ms

(55) 4-Nitrophenol

14.510min (-0.006) 6.88 ng/ul m

response 16111

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	134.60	98.20#
65.00	120.40	117.70
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	77243	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.380	136	319160	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	183340	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.015	188	328362	20.000	ng/ul	-0.01
79) Chrysene-d12	21.227	240	235594	20.000	ng/ul	0.00
88) Perylene-d12	23.438	264	284296	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	8736	4.223	ng/uL	0.00
4) Pyridine-d5	3.604	84	61309	10.899	ng/ul	0.00
7) Phenol-d5	6.792	99	56981	8.702	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	140475	36.006	ng/ul	0.00
11) 2-Chlorophenol-d4	7.145	132	155246	30.261	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	100874	19.680	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	97087	39.602	ng/ul	0.00
24) 2-Nitrophenol-d4	9.480	143	102021	39.427	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.010	165	167638	35.335	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.539	131	213224	28.229	ng/ul	-0.01
46) Dimethylphthalate-d6	13.686	166	505124	39.570	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	600246	39.802	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	18445	6.923	ng/ul	0.00
60) Fluorene-d10	15.262	176	433172	38.062	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	73349	37.674	ng/ul	0.00
73) Anthracene-d10	17.121	188	595707	40.328	ng/ul	0.00
81) Pyrene-d10	19.427	212	609541	52.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.303	264	596155	42.985	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	11039	5.110	ng/uL#	1
5) Pyridine	3.622	79	64148	10.763	ng/ul	96
6) Benzaldehyde	6.781	77	125096	41.210	ng/ul	98
8) Phenol	6.822	94	59384	8.757	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.057	93	177517	33.543	ng/ul	97
12) 2-Chlorophenol	7.181	128	149285	27.732	ng/ul	98
13) 2-Methylphenol	8.057	108	107263	21.430	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.133	45	205035	32.483	ng/ul	99
16) Acetophenone	8.439	105	280672	33.681	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.422	70	135134	34.345	ng/ul	91
18) 4-Methylphenol	8.386	108	103701	19.222	ng/ul	92
19) Hexachloroethane	8.663	117	72925	30.800	ng/ul	99
22) Nitrobenzene	8.816	77	220558	36.669	ng/ul	97
23) Isophorone	9.339	82	387261	35.043	ng/ul	99
25) 2-Nitrophenol	9.516	139	102103	35.551	ng/ul#	86
26) 2,4-Dimethylphenol	9.575	107	132189	23.874	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.822	93	233383	35.624	ng/ul	97
29) 2,4-Dichlorophenol	10.039	162	155517	32.445	ng/ul	94
30) Naphthalene	10.433	128	573751	33.959	ng/ul	99
32) 4-Chloroaniline	10.563	127	177938	24.210	ng/ul	99
33) Hexachlorobutadiene	10.692	225	95084	31.905	ng/ul	95
34) Caprolactam	11.380	113	7167m	4.429	ng/ul	
35) 4-Chloro-3-methylphenol	11.686	107	145114	30.455	ng/ul	98

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Instrument :
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E0M17MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	376001	34.084	ng/ul	97
37) 1-Methylnaphthalene	12.274	142	381277	34.154	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.421	216	185414	36.979	ng/ul	98
40) Hexachlorocyclopentadiene	12.386	237	77055	25.387	ng/ul	99
41) 2,4,6-Trichlorophenol	12.680	196	125333	38.319	ng/ul	96
42) 2,4,5-Trichlorophenol	12.751	196	134134	37.220	ng/ul	93
43) 1,1'-Biphenyl	13.086	154	485604	37.509	ng/ul	99
44) 2-Chloronaphthalene	13.127	162	393893	37.448	ng/ul	99
45) 2-Nitroaniline	13.357	65	118817	40.922	ng/ul	99
47) Dimethylphthalate	13.733	163	485771	36.407	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	102411	39.159	ng/ul	89
50) Acenaphthylene	13.980	152	657444	37.326	ng/ul	99
51) 3-Nitroaniline	14.198	138	99939	35.033	ng/ul	94
52) Acenaphthene	14.321	153	437788	37.249	ng/ul	100
53) 2,4-Dinitrophenol	14.410	184	43323	27.863	ng/ul	93
55) 4-Nitrophenol	14.510	109	16111m	6.876	ng/ul	
56) Dibenzofuran	14.662	168	572313	35.585	ng/ul	96
57) 2,4-Dinitrotoluene	14.657	165	138181	35.299	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.892	232	111264	36.073	ng/ul	99
59) Diethylphthalate	15.110	149	475998	34.968	ng/ul	99
61) Fluorene	15.315	166	474271	34.988	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.315	204	217003	34.154	ng/ul	97
63) 4-Nitroaniline	15.368	138	88945	34.295	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.421	198	70576	33.849	ng/ul#	99
67) N-Nitrosodiphenylamine	15.539	169	373578	42.174	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	131731	41.191	ng/ul	97
69) Hexachlorobenzene	16.309	284	163307	39.256	ng/ul	93
70) Atrazine	16.504	200	99277	30.469	ng/ul	97
71) Pentachlorophenol	16.668	266	87140	34.484	ng/ul	97
72) Phenanthrene	17.062	178	681965	38.594	ng/ul	99
74) Anthracene	17.156	178	679348	37.584	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.039	216	187098	45.208	ng/uL	95
76) Pentachlorobenzene	14.574	250	189420	43.017	ng/uL	98
77) Carbazole	17.439	167	608484	34.912	ng/ul	99
78) Di-n-butylphthalate	18.003	149	675375	34.360	ng/ul	100
80) Fluoranthene	19.092	202	692628	50.622	ng/ul	98
82) Pyrene	19.456	202	709144	48.028	ng/ul	98
83) Butylbenzylphthalate	20.380	149	247067	39.939	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.162	252	157031	29.977	ng/ul	99
85) Benzo(a)anthracene	21.215	228	630817	39.462	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.156	149	310516	32.112	ng/ul	99
87) Chrysene	21.268	228	588109	39.465	ng/ul	98
89) Di-n-octyl phthalate	22.038	149	497520	27.814	ng/ul	100
90) Benzo(b)fluoranthene	22.780	252	670490	40.465	ng/ul	98
91) Benzo(k)fluoranthene	22.827	252	629013	37.715	ng/ul	99
93) Benzo(a)pyrene	23.344	252	636348	39.460	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.662	276	861765	41.254	ng/ul	99
95) Dibenzo(a,h)anthracene	25.679	278	697059	39.912	ng/ul	99
96) Benzo(g,h,i)perylene	26.338	276	714204	43.339	ng/ul	98

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

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