Quantitation Report (Qedit)

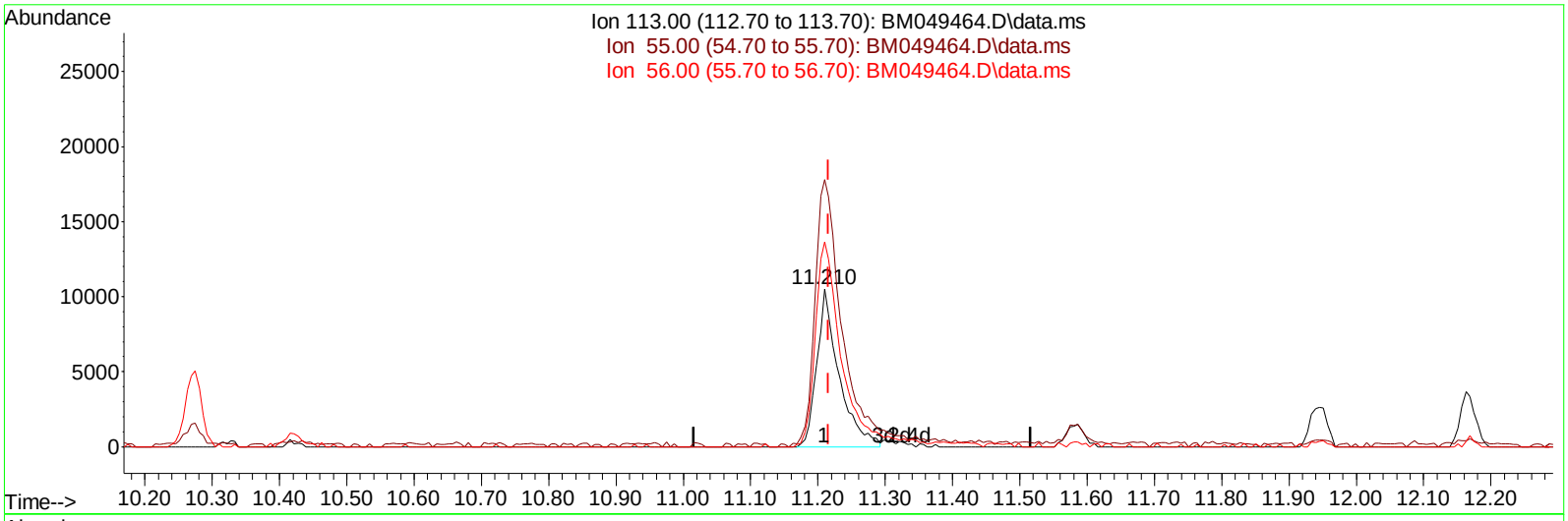
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049464.D
Acq On : 28 Jan 2025 11:31
Operator : RC/JU
Sample : SSTD01073
Misc :
ALS Vial : 4 Sample Multiplier: 1

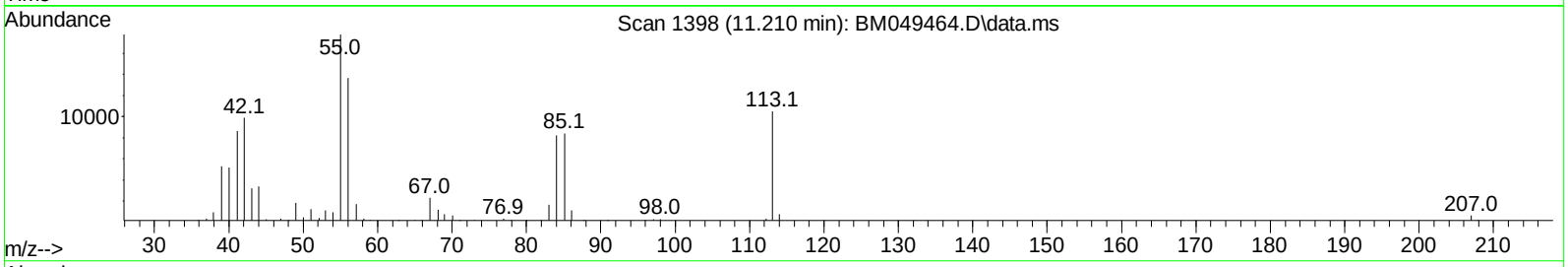
Quant Time: Jan 28 14:01:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 13:51:43 2025
Response via : Initial Calibration

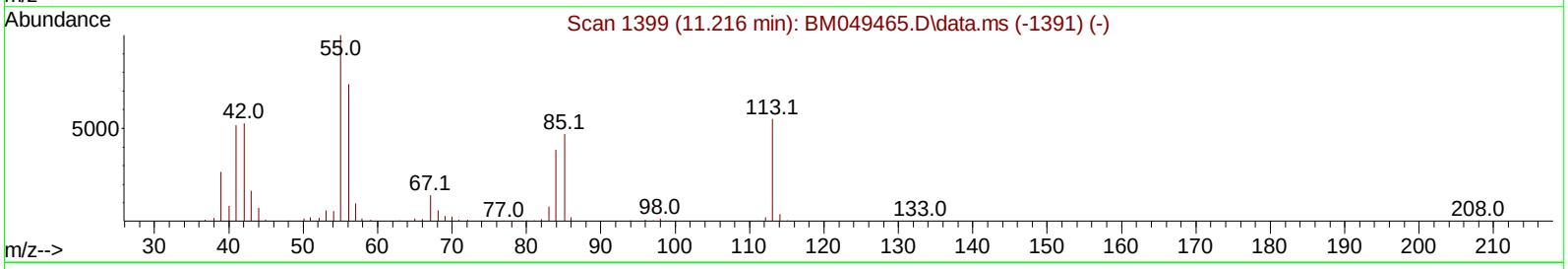
Instrument :
BNA_M
ClientSampleId :
SSTD010014

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/05/2025







TIC: BM049464.D\data.ms

(34) Caprolactam

11.210min (-0.006) 7.08 ng/ul

response 24019

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	169.16
56.00	134.80	129.99
0.00	0.00	0.00

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Misc :
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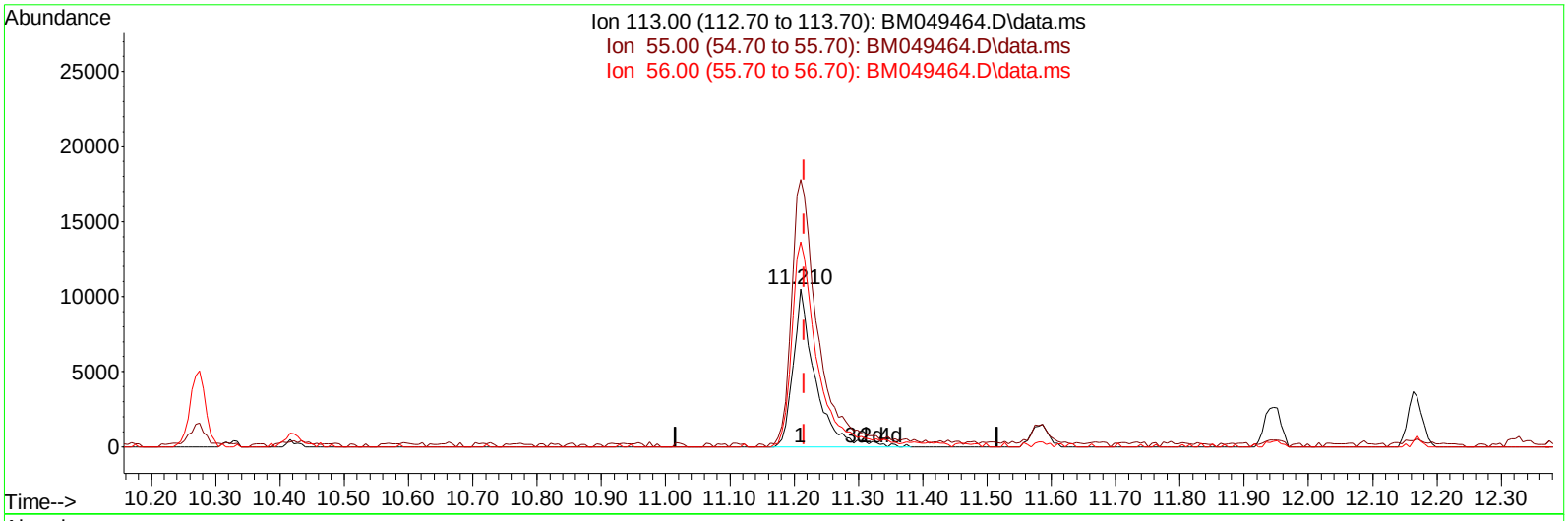

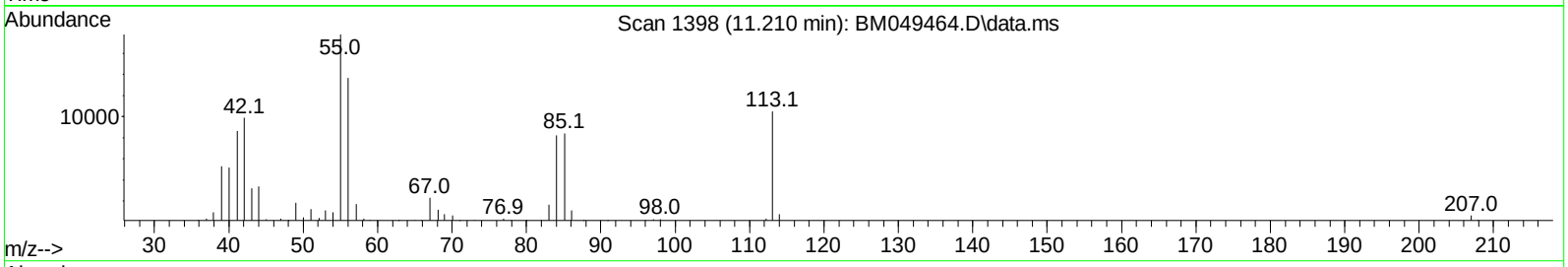

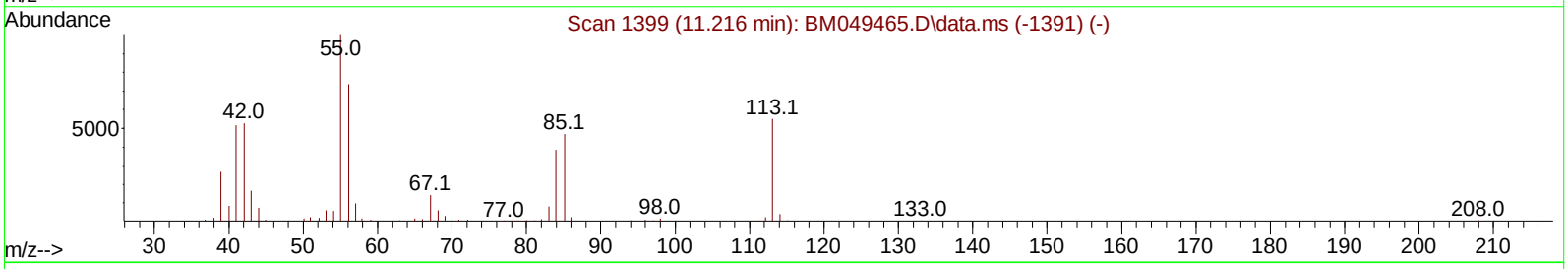

TIC: BM049464.D\data.ms

(34) Caprolactam

11.210min (-0.006) 7.38 ng/ul m

response 25040

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	169.16
56.00	134.80	129.99
0.00	0.00	0.00

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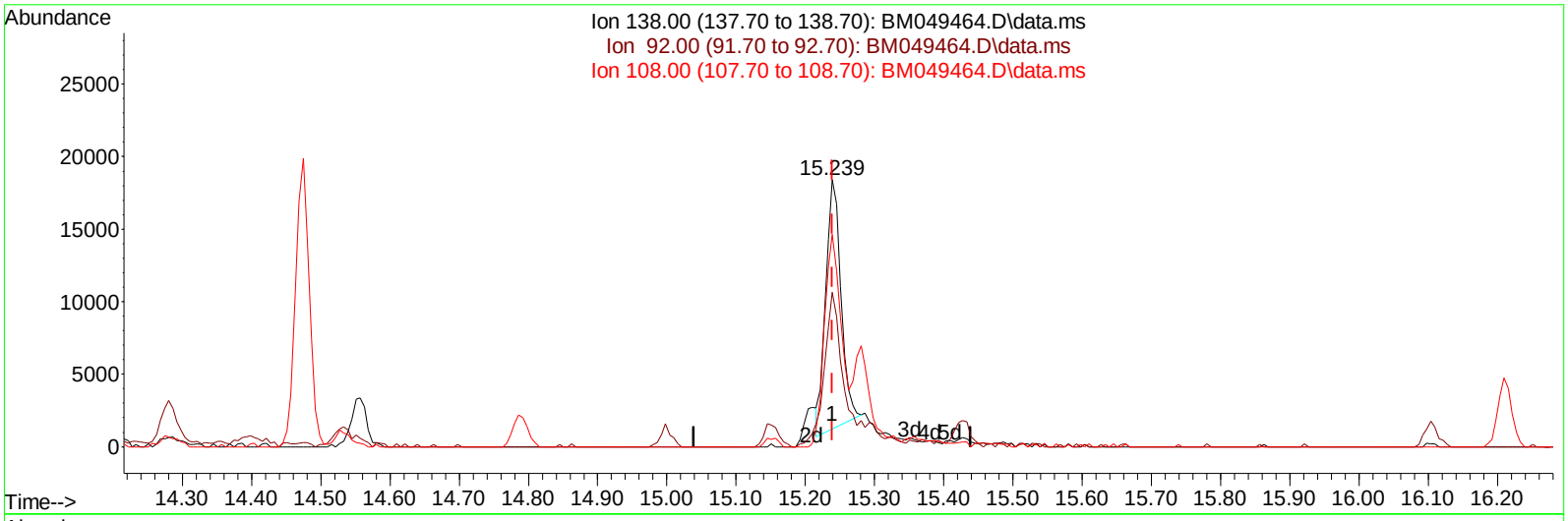

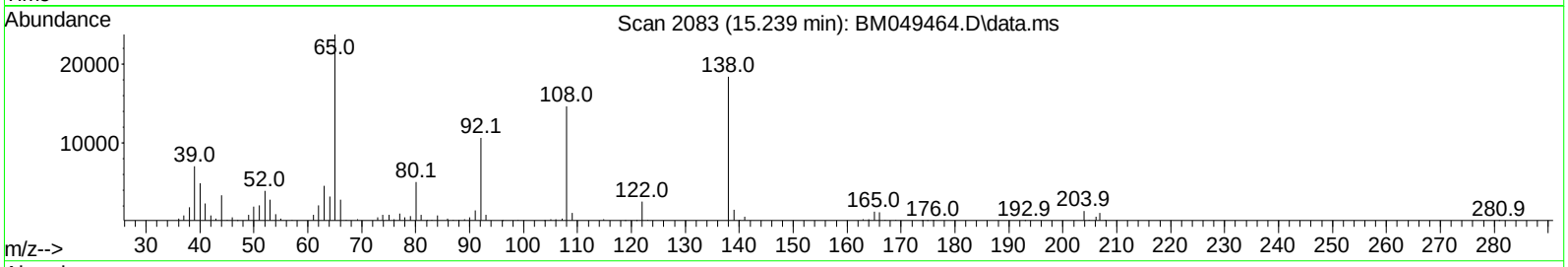

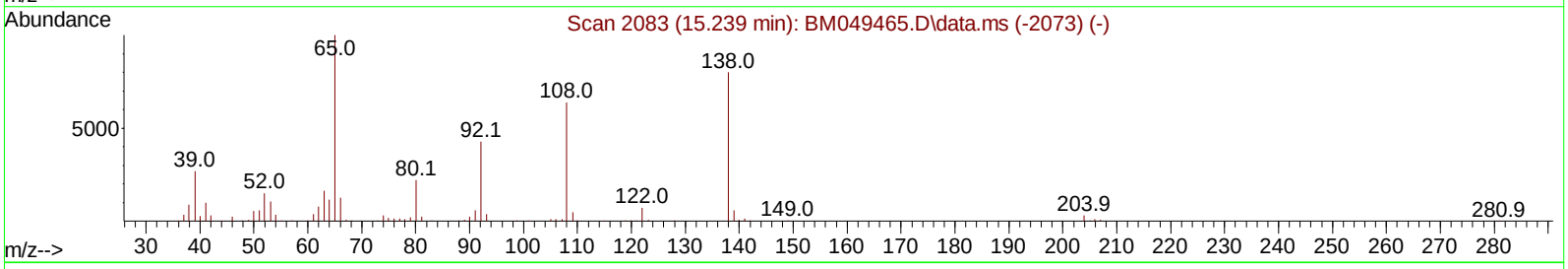

TIC: BM049464.D\data.ms

(63) 4-Nitroaniline

15.239min (-0.000) 5.37 ng/ul

response 26344

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.40	57.96
108.00	79.90	79.56
0.00	0.00	0.00

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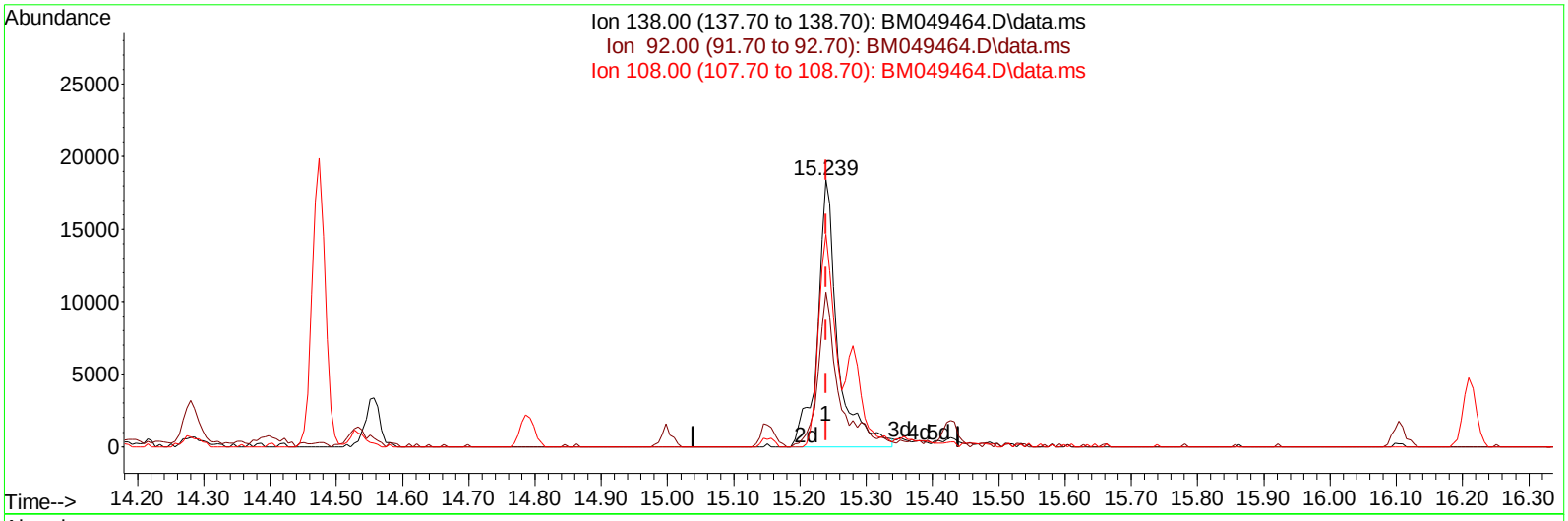

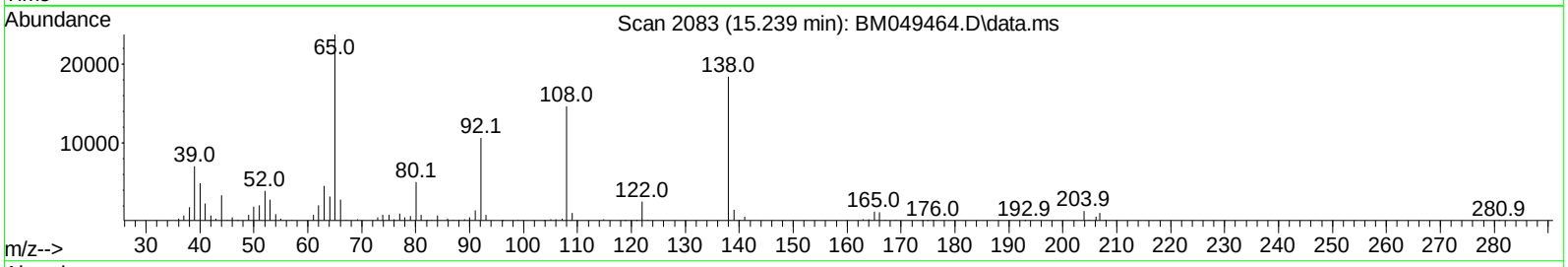

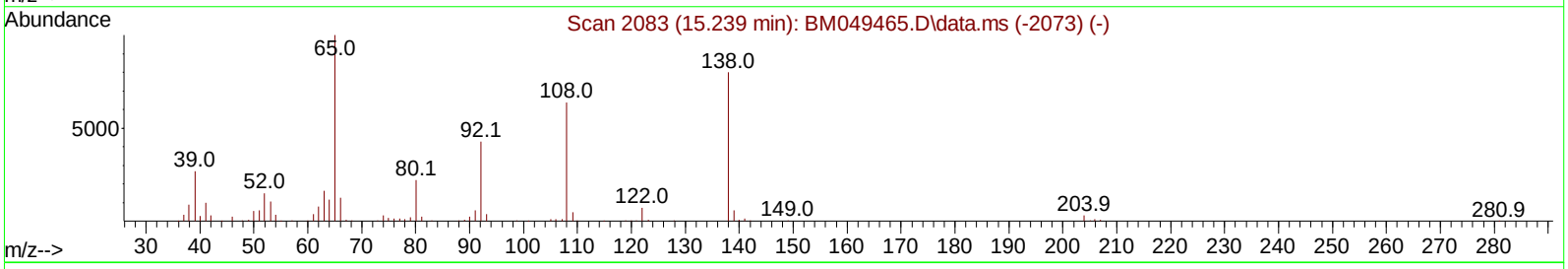

TIC: BM049464.D\data.ms

(63) 4-Nitroaniline

15.239min (-0.000) 8.03 ng/ul m

response 39396

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.40	57.96
108.00	79.90	79.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jan 28 14:10:17 2025
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	192098	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	677998	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	410900	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	811559	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	790145	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	840262	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	20275	4.245	ng/uL	0.00
4) Pyridine-d5	3.510	84	135190	9.074	ng/ul	0.00
7) Phenol-d5	6.710	99	133151	8.278	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	98354	9.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	108459	8.784	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	95799	7.806	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	45581	8.744	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	47782	8.245	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	101536	8.605	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	122232	7.930	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	277559	9.067	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	323646	9.216	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	32368	6.470	ng/ul	0.00
60) Fluorene-d10	15.151	176	244018	9.183	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	36162	6.980	ng/ul	0.00
73) Anthracene-d10	17.004	188	363258	8.992	ng/ul	0.00
81) Pyrene-d10	19.309	212	413464	8.656	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	390753	8.646	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	20701	3.935	ng/uL	92
5) Pyridine	3.528	79	142695	9.388	ng/ul	98
6) Benzaldehyde	6.669	77	96163	10.984	ng/ul	93
8) Phenol	6.734	94	144118	8.581	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.951	93	121598	8.909	ng/ul	99
12) 2-Chlorophenol	7.087	128	112284	8.766	ng/ul	97
13) 2-Methylphenol	7.963	108	97508	8.060	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.034	45	193265	9.408	ng/ul	99
16) Acetophenone	8.328	105	168183	8.377	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.316	70	88872	8.271	ng/ul	99
18) 4-Methylphenol	8.287	108	106018	8.019	ng/ul	98
19) Hexachloroethane	8.569	117	50475	9.146	ng/ul	100
22) Nitrobenzene	8.698	77	127961	9.423	ng/ul	97
23) Isophorone	9.222	82	220052	8.516	ng/ul	98
25) 2-Nitrophenol	9.398	139	54967	8.619	ng/ul	92
26) 2,4-Dimethylphenol	9.475	107	105309	8.845	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.704	93	140163	8.754	ng/ul	100
29) 2,4-Dichlorophenol	9.934	162	103021	8.710	ng/ul	99
30) Naphthalene	10.322	128	330196	9.125	ng/ul	99
32) 4-Chloroaniline	10.445	127	117678	8.005	ng/ul	97
33) Hexachlorobutadiene	10.610	225	81185	9.521	ng/ul	97
34) Caprolactam	11.210	113	25040m	7.382	ng/ul	
35) 4-Chloro-3-methylphenol	11.581	107	86191	8.008	ng/ul	99

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.945	142	222617	8.707 ng/ul	98
37) 1-Methylnaphthalene	12.169	142	220723	8.698 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	141345	9.669 ng/ul	98
40) Hexachlorocyclopentadiene	12.304	237	74936	8.519 ng/ul	98
41) 2,4,6-Trichlorophenol	12.575	196	79783	8.983 ng/ul	96
42) 2,4,5-Trichlorophenol	12.645	196	82463	8.728 ng/ul	98
43) 1,1'-Biphenyl	12.980	154	290015	9.527 ng/ul	100
44) 2-Chloronaphthalene	13.016	162	235426	9.596 ng/ul	100
45) 2-Nitroaniline	13.233	65	52276	8.201 ng/ul	99
47) Dimethylphthalate	13.622	163	277301	9.160 ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	43941	7.870 ng/ul	93
50) Acenaphthylene	13.869	152	331447	9.185 ng/ul	99
51) 3-Nitroaniline	14.069	138	38665	7.068 ng/ul	90
52) Acenaphthene	14.216	153	239226	9.297 ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	19079	5.497 ng/ul	95
55) 4-Nitrophenol	14.398	109	24267	6.572 ng/ul	98
56) Dibenzofuran	14.557	168	345988	9.430 ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	67801	8.203 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.792	232	67633	8.571 ng/ul	90
59) Diethylphthalate	14.998	149	254895	8.708 ng/ul	99
61) Fluorene	15.210	166	270620	9.112 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	148836	9.150 ng/ul	97
63) 4-Nitroaniline	15.239	138	39396m	8.029 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.298	198	41315	7.303 ng/ul#	96
67) N-Nitrosodiphenylamine	15.427	169	218589	8.996 ng/ul	99
68) 4-Bromophenyl-phenylether	16.104	248	82397	8.805 ng/ul	96
69) Hexachlorobenzene	16.215	284	98740	9.113 ng/ul	98
70) Atrazine	16.392	200	82354	8.366 ng/ul	98
71) Pentachlorophenol	16.563	266	51941	7.371 ng/ul	98
72) Phenanthrene	16.945	178	415916	9.136 ng/ul	100
74) Anthracene	17.039	178	415645	9.106 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.939	216	138151	9.866 ng/uL	99
76) Pentachlorobenzene	14.474	250	131710	9.537 ng/uL	98
77) Carbazole	17.315	167	351028	8.678 ng/ul	100
78) Di-n-butylphthalate	17.898	149	405098	8.301 ng/ul	100
80) Fluoranthene	18.974	202	470762	8.588 ng/ul	99
82) Pyrene	19.339	202	511264	8.741 ng/ul	99
83) Butylbenzylphthalate	20.268	149	158517	7.744 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.056	252	130652	8.745 ng/ul	98
85) Benzo(a)anthracene	21.115	228	499688	9.006 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	230570	7.572 ng/ul	99
87) Chrysene	21.174	228	471713	9.264 ng/ul	100
89) Di-n-octyl phthalate	22.133	149	368234	6.283 ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	469174	8.355 ng/ul	99
91) Benzo(k)fluoranthene	23.097	252	485298	8.746 ng/ul	99
93) Benzo(a)pyrene	23.780	252	443380	8.682 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.991	276	564244	9.344 ng/ul	99
95) Dibenzo(a,h)anthracene	27.044	278	461049	9.395 ng/ul	99
96) Benzo(g,h,i)perylene	27.950	276	439628	9.702 ng/ul	99

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

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