Quantitation Report (Qedit)

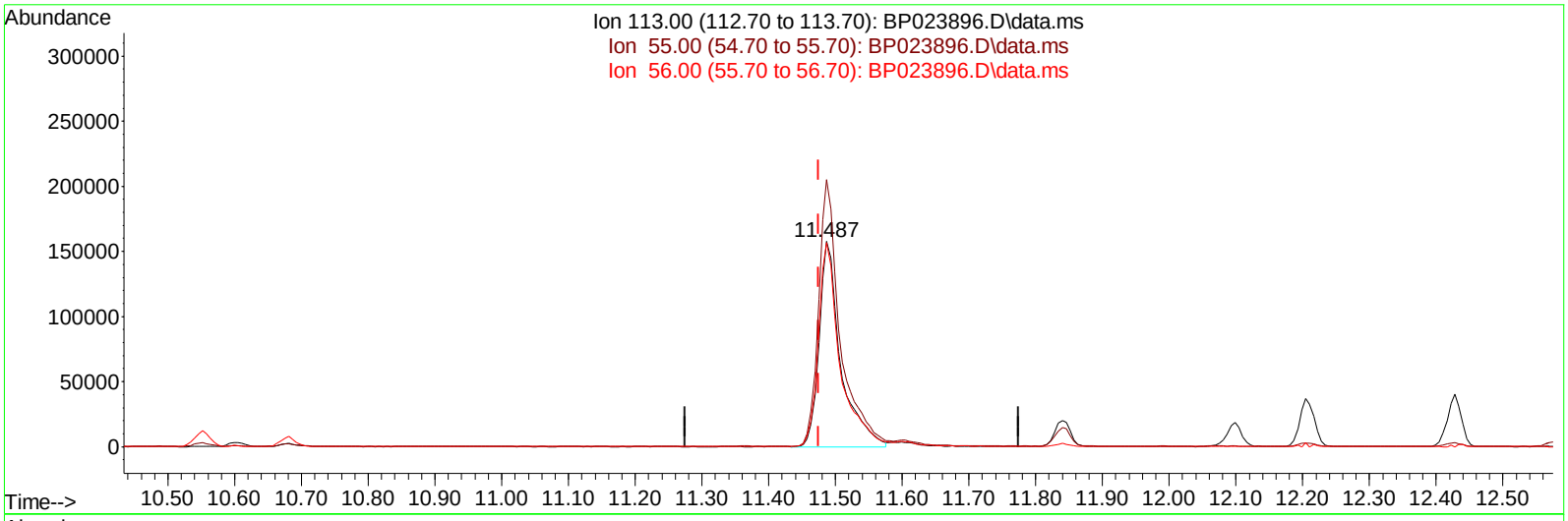
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023896.D
Acq On : 04 Feb 2025 02:02
Operator : RC/JU
Sample : PB166441BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

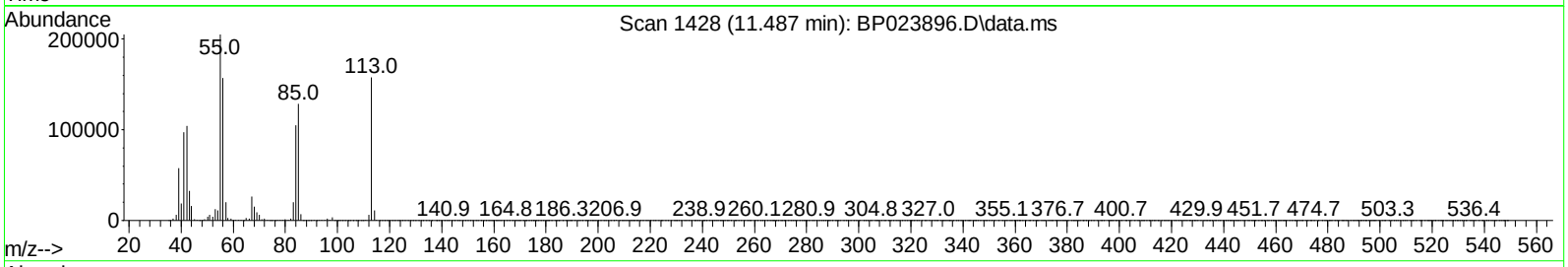
Quant Time: Feb 04 08:01:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

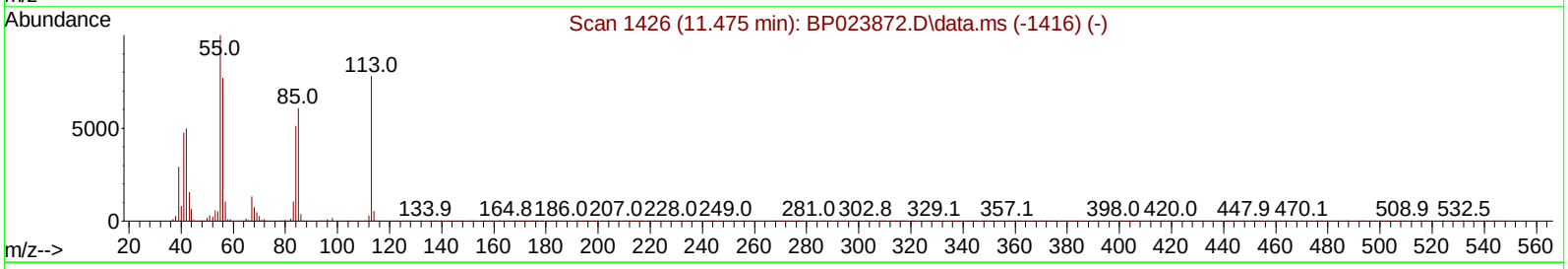
Instrument :
BNA_P
ClientSampleId :
SLCS441

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025







TIC: BP023896.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 27.96 ng/ul

response 355038

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	129.99
56.00	96.30	99.39
0.00	0.00	0.00

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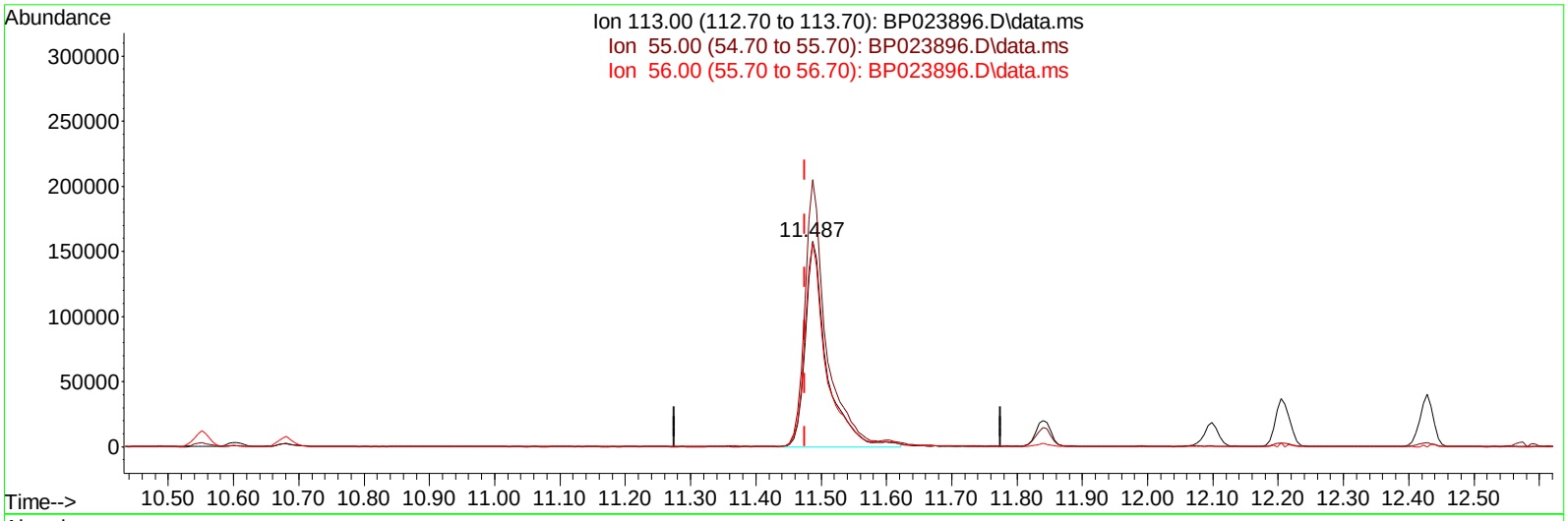

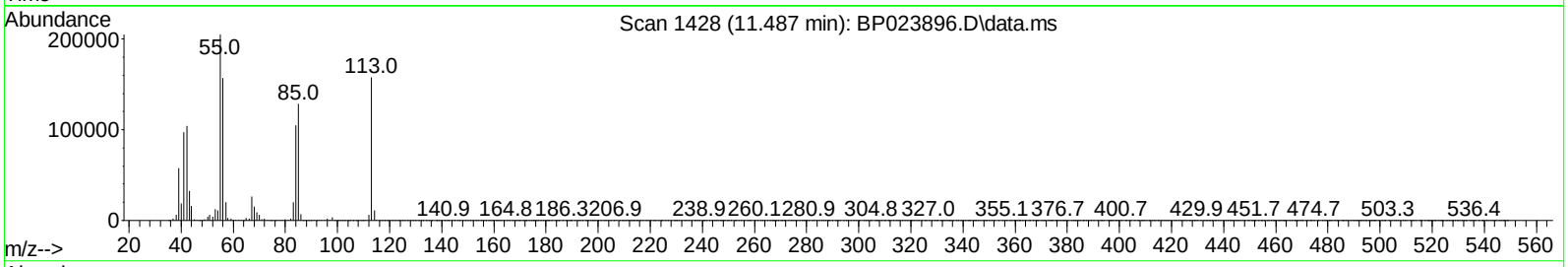

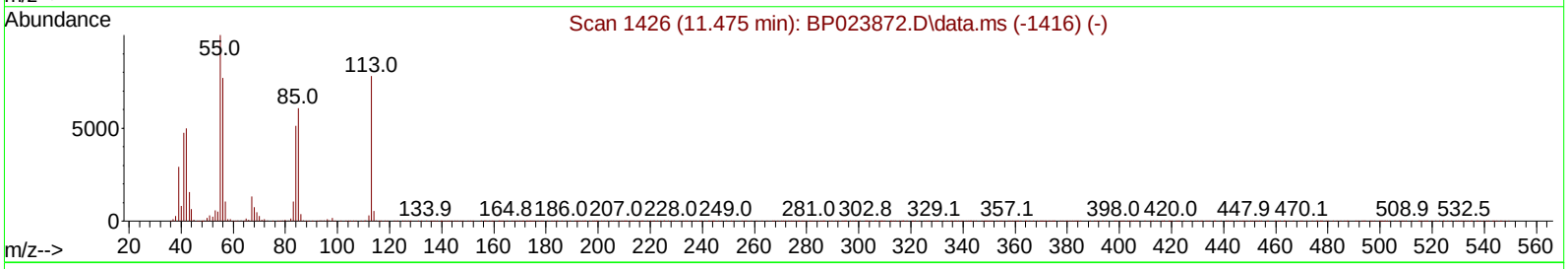

TIC: BP023896.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 28.66 ng/ul m

response 363916

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	129.99
56.00	96.30	99.39
0.00	0.00	0.00

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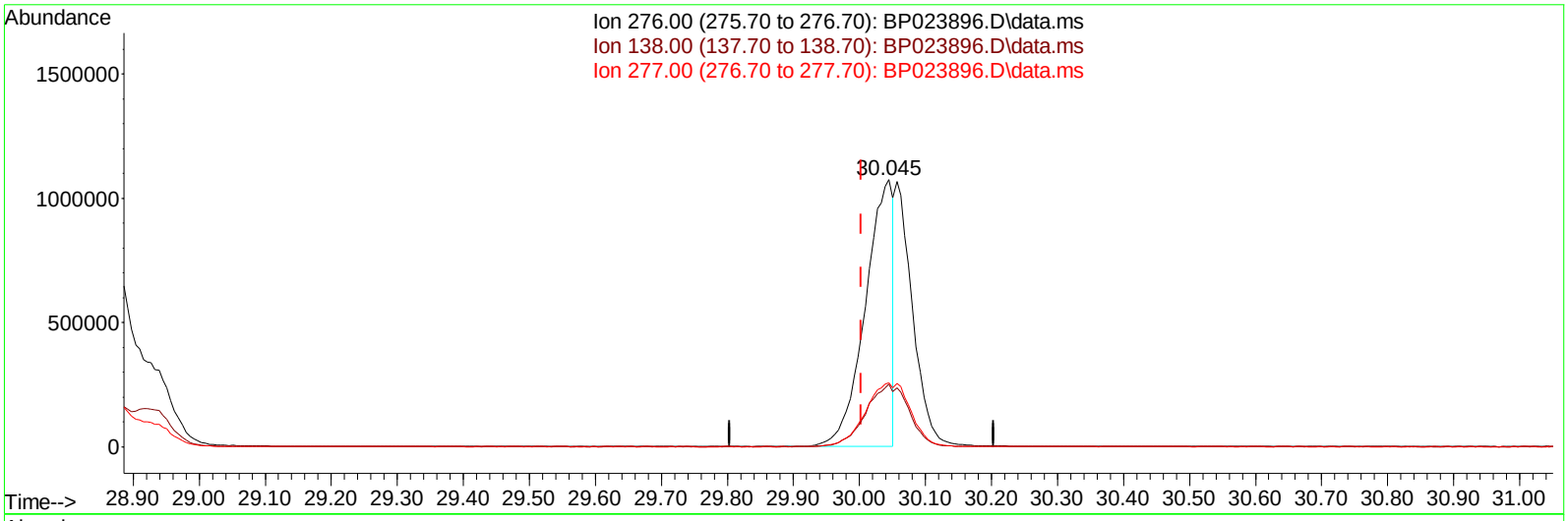

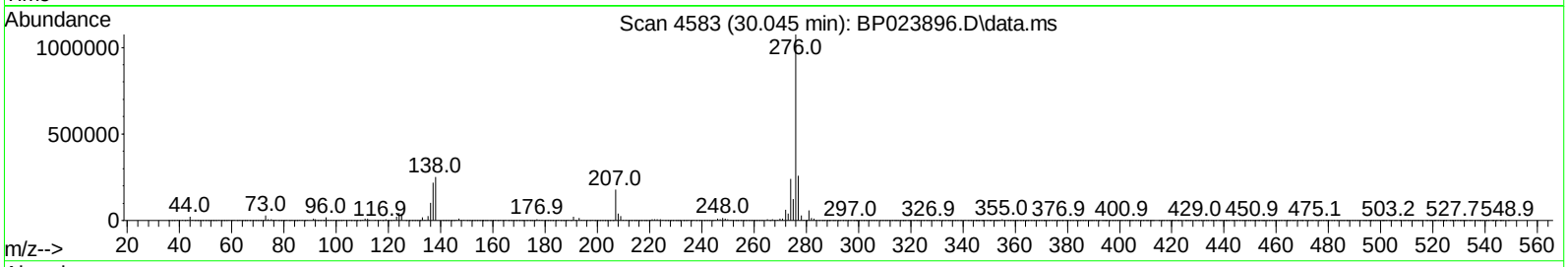

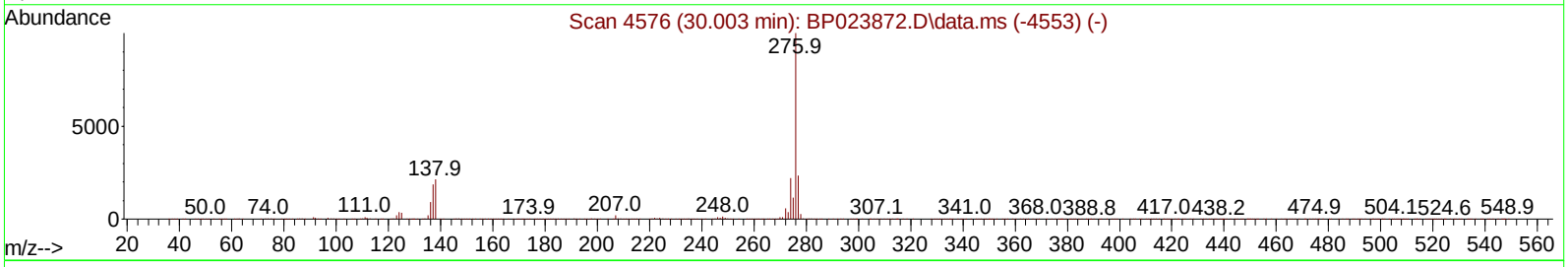

TIC: BP023896.D\data.ms

(96) Benzo(g,h,i)perylene

30.045min (+ 0.041) 20.19 ng/ul

response 3158070

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	23.49
277.00	23.80	23.98
0.00	0.00	0.00

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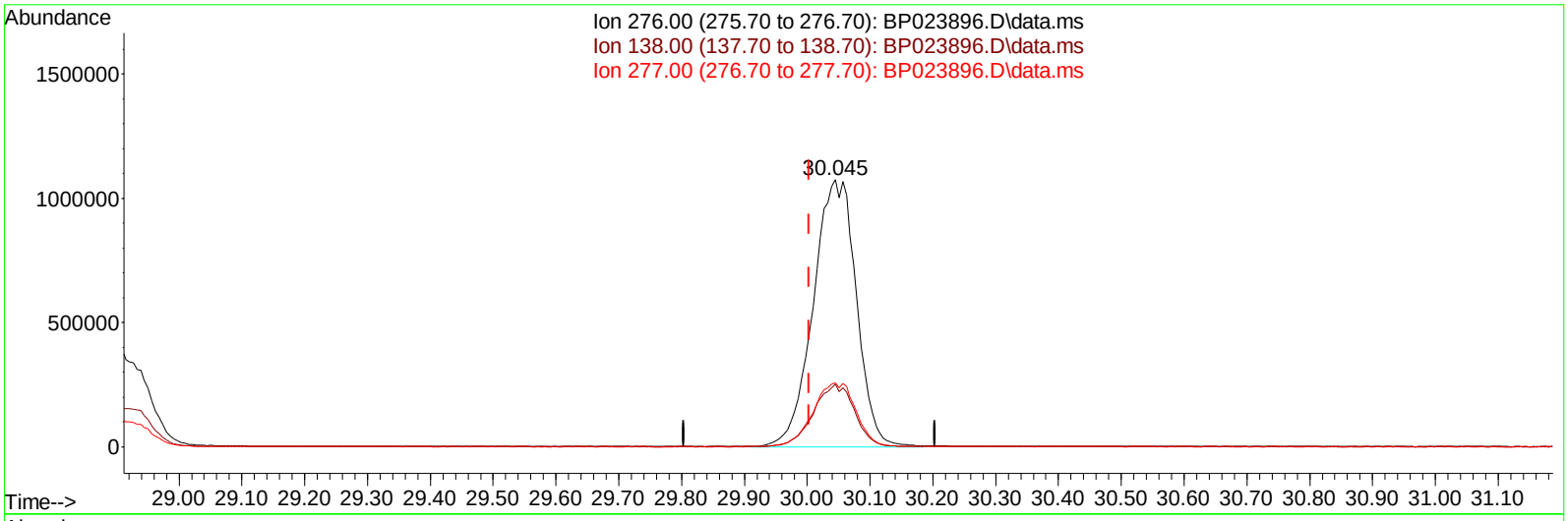

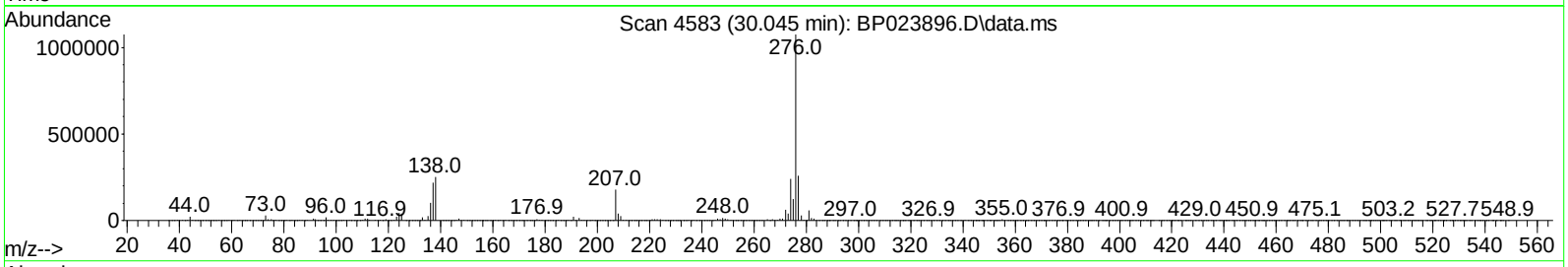

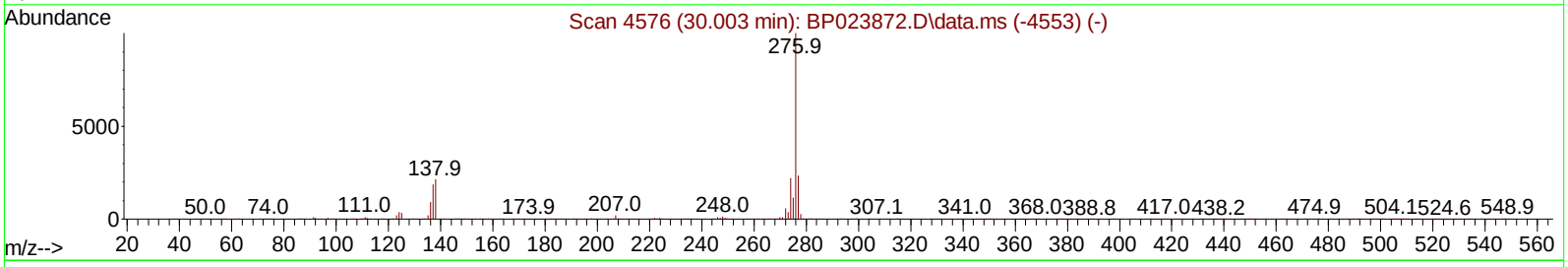

TIC: BP023896.D\data.ms

(96) Benzo(g,h,i)perylene

30.045min (+ 0.041) 32.72 ng/ul m

response 5118070

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	23.49
277.00	23.80	23.98
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	466215	20.000	ng/ul	0.00
20) Naphthalene-d8	10.552	136	2041006	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.399	164	1312507	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.192	188	2614022	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	2749982	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	2780413	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	67784	6.041	ng/uL	0.00
4) Pyridine-d5	3.699	84	1044891	32.271	ng/ul	0.00
7) Phenol-d5	6.958	99	1422567	34.479	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	715505	32.763	ng/ul	0.00
11) 2-Chlorophenol-d4	7.317	132	1129063	34.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	1120647	33.250	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	527246	32.288	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	571463	32.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	1085762	33.591	ng/ul	0.01
31) 4-Chloroaniline-d4	10.681	131	1204082	24.909	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	3071369	31.372	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	3576027	32.387	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	638162	32.823	ng/ul	0.00
60) Fluorene-d10	15.404	176	2658072	32.241	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	496425	30.783	ng/ul	0.02
73) Anthracene-d10	17.298	188	4192642	32.666	ng/ul	0.01
81) Pyrene-d10	19.663	212	4865799	33.022	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	4856742	33.479	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	140591	11.914	ng/uL	99
5) Pyridine	3.717	79	1043113	32.179	ng/ul	100
6) Benzaldehyde	6.922	77	195279	9.643	ng/ul	95
8) Phenol	6.987	94	1471581	34.736	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.199	93	1032150	32.005	ng/ul	99
12) 2-Chlorophenol	7.352	128	1156701	34.654	ng/ul	99
13) 2-Methylphenol	8.216	108	1062573	33.334	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	1075914	32.337	ng/ul	99
16) Acetophenone	8.587	105	1660659	32.231	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.575	70	793539	32.707	ng/ul	98
18) 4-Methylphenol	8.540	108	1188499	33.604	ng/ul	98
19) Hexachloroethane	8.846	117	415179	31.457	ng/ul	100
22) Nitrobenzene	8.964	77	1176018	33.186	ng/ul	98
23) Isophorone	9.487	82	2228979	31.152	ng/ul	99
25) 2-Nitrophenol	9.669	139	623514	32.443	ng/ul	99
26) 2,4-Dimethylphenol	9.734	107	1039699	29.229	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.963	93	1388907	31.163	ng/ul	99
29) 2,4-Dichlorophenol	10.211	162	1082444	33.023	ng/ul	99
30) Naphthalene	10.605	128	3480235	31.856	ng/ul	100
32) 4-Chloroaniline	10.705	127	796788	17.466	ng/ul	100
33) Hexachlorobutadiene	10.893	225	598254	30.148	ng/ul	99
34) Caprolactam	11.487	113	363916m	28.657	ng/ul	
35) 4-Chloro-3-methylphenol	11.840	107	1135727	32.232	ng/ul	98

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.205	142	2428389	31.613	ng/ul	99
37) 1-Methylnaphthalene	12.428	142	2407157	31.588	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.575	216	1225522	31.584	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	480718	21.986	ng/ul	98
41) 2,4,6-Trichlorophenol	12.822	196	796326	30.725	ng/ul	97
42) 2,4,5-Trichlorophenol	12.899	196	904874	32.391	ng/ul	100
43) 1,1'-Biphenyl	13.222	154	3133772	32.165	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	2440124	32.143	ng/ul	99
45) 2-Nitroaniline	13.463	65	681398	34.488	ng/ul	94
47) Dimethylphthalate	13.851	163	3022445	31.029	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	617639	32.445	ng/ul	97
50) Acenaphthylene	14.116	152	3846321	32.710	ng/ul	100
51) 3-Nitroaniline	14.299	138	643590	30.763	ng/ul	96
52) Acenaphthene	14.463	153	2661173	31.920	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	318927	28.102	ng/ul	98
55) 4-Nitrophenol	14.628	109	477734	34.732	ng/ul	96
56) Dibenzofuran	14.804	168	3666326	31.737	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	939558	33.183	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.034	232	699887	29.441	ng/ul	95
59) Diethylphthalate	15.234	149	3070732	31.465	ng/ul	100
61) Fluorene	15.463	166	3166882	33.045	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	1513177	31.896	ng/ul	96
63) 4-Nitroaniline	15.481	138	812123	39.899	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.546	198	544138	30.691	ng/ul#	95
67) N-Nitrosodiphenylamine	15.675	169	2556348	32.043	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	921336	31.240	ng/ul	100
69) Hexachlorobenzene	16.487	284	1112061	31.121	ng/ul	98
70) Atrazine	16.651	200	370954	12.007	ng/ul	98
71) Pentachlorophenol	16.840	266	627716	28.559	ng/ul	99
72) Phenanthrene	17.240	178	4860636	32.926	ng/ul	100
74) Anthracene	17.334	178	4864285	32.674	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.187	216	1195948	31.243	ng/uL	99
76) Pentachlorobenzene	14.722	250	1236970	29.987	ng/uL	99
77) Carbazole	17.610	167	4642585	35.597	ng/ul	100
78) Di-n-butylphthalate	18.198	149	5360909	33.210	ng/ul	100
80) Fluoranthene	19.316	202	5611259	33.061	ng/ul	100
82) Pyrene	19.692	202	6025532	33.949	ng/ul	99
83) Butylbenzylphthalate	20.645	149	2457985	32.159	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	1686469	28.345	ng/ul	100
85) Benzo(a)anthracene	21.616	228	5840382	32.297	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	3531544	31.667	ng/ul	100
87) Chrysene	21.686	228	5468779	32.821	ng/ul	98
89) Di-n-octyl phthalate	22.851	149	5794579	34.766	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	5624307	33.337	ng/ul	99
91) Benzo(k)fluoranthene	24.016	252	5787898	34.221	ng/ul	100
93) Benzo(a)pyrene	24.851	252	5229461	33.192	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.857	276	6638787	32.508	ng/ul	98
95) Dibenzo(a,h)anthracene	28.927	278	5451588	32.908	ng/ul	99
96) Benzo(g,h,i)perylene	30.045	276	5118070m	32.719	ng/ul	

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

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