Quantitation Report (Qedit)

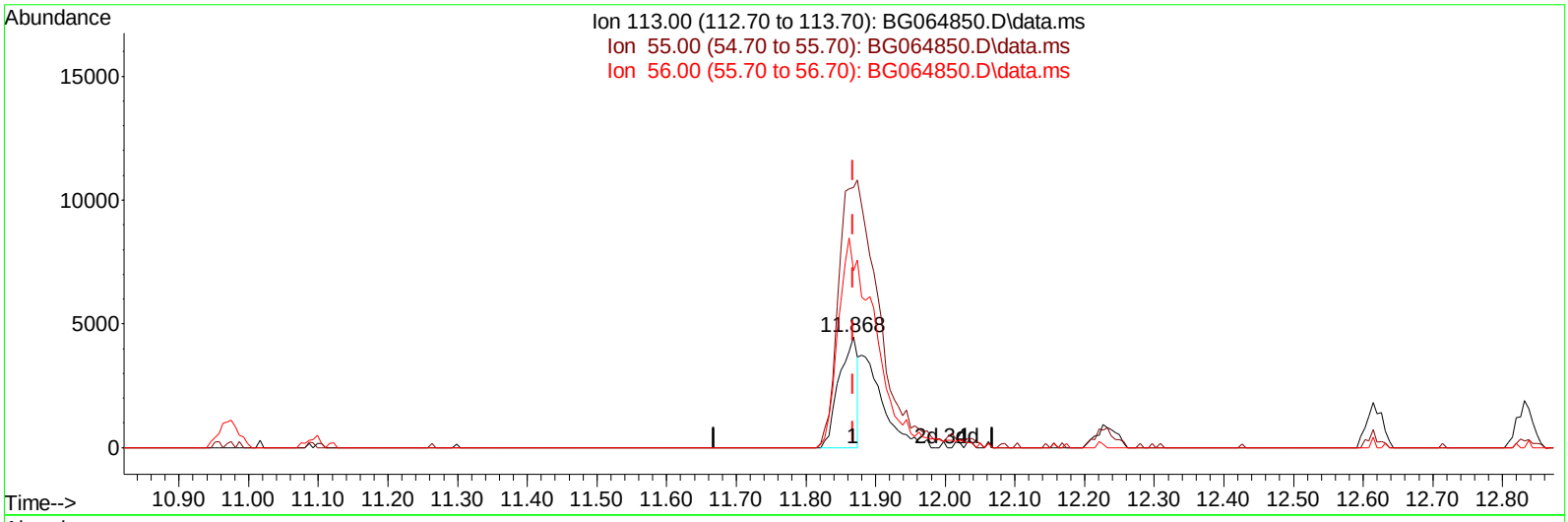
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112425\
Data File : BG064850.D
Acq On : 24 Nov 2025 15:26
Operator : RC/JU
Sample : SSTD02021
Misc :
ALS Vial : 4 Sample Multiplier: 1

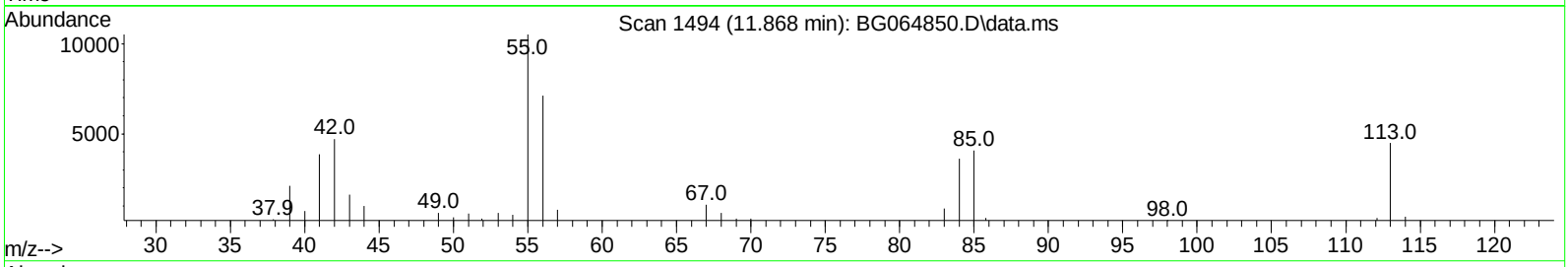
Quant Time: Nov 25 09:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 09:55:47 2025
Response via : Initial Calibration

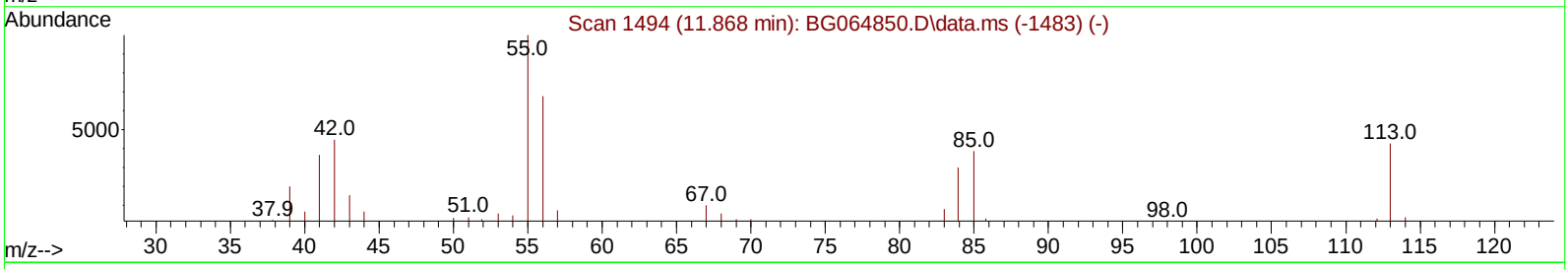
Instrument :
BNA_G
ClientSampleId :
SSTD020421

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025







TIC: BG064850.D\data.ms

(34) Caprolactam

11.868min (+ 0.000) 9.66 ng/ul

response 8286

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	234.92
56.00	159.40	159.39
0.00	0.00	0.00

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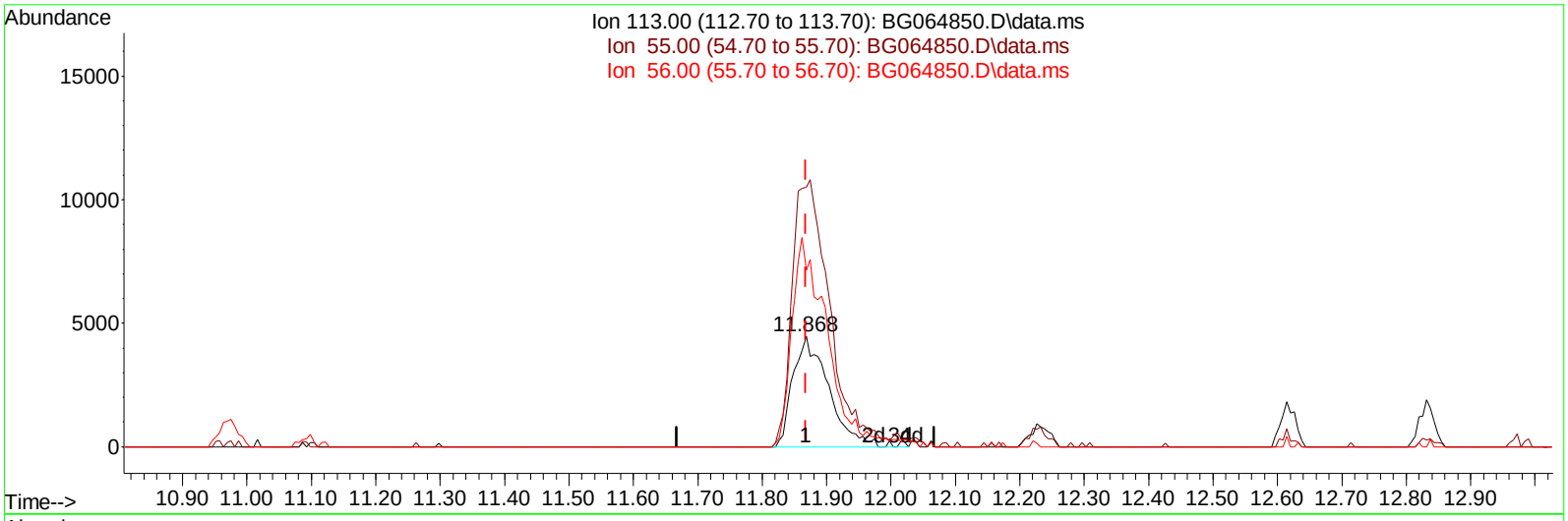

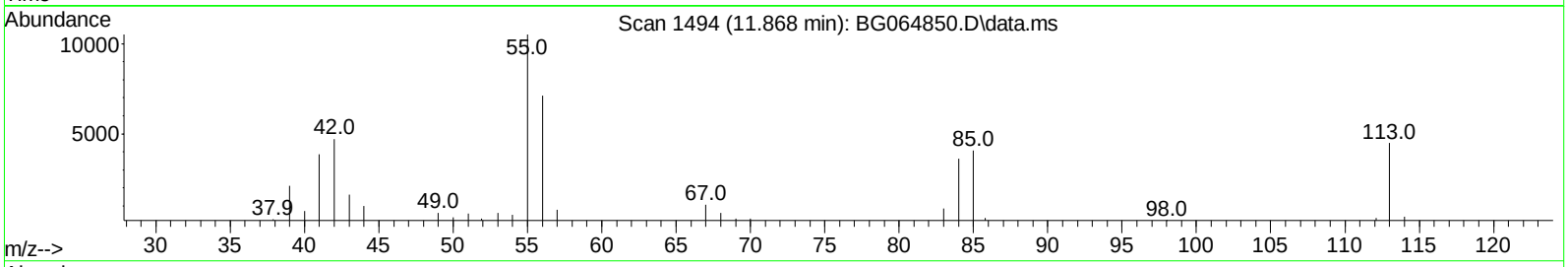

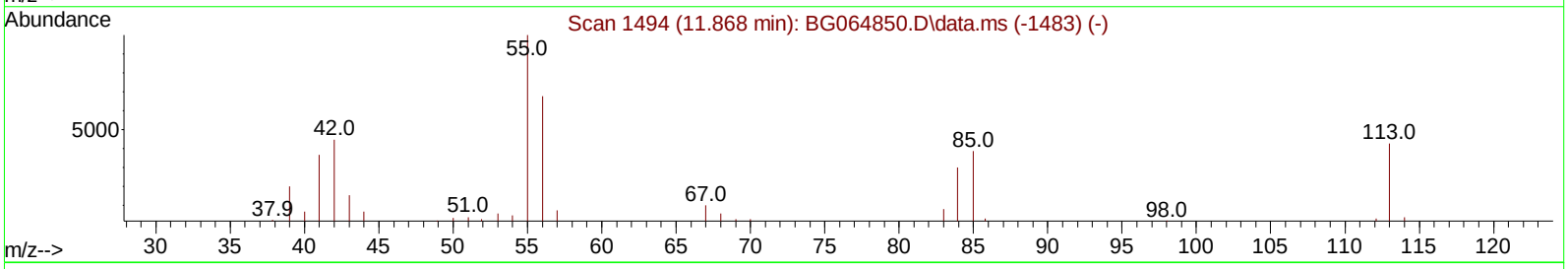

TIC: BG064850.D\data.ms

(34) Caprolactam

11.868min (+ 0.000) 19.93 ng/ul m

response 17103

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	234.92
56.00	159.40	159.39
0.00	0.00	0.00

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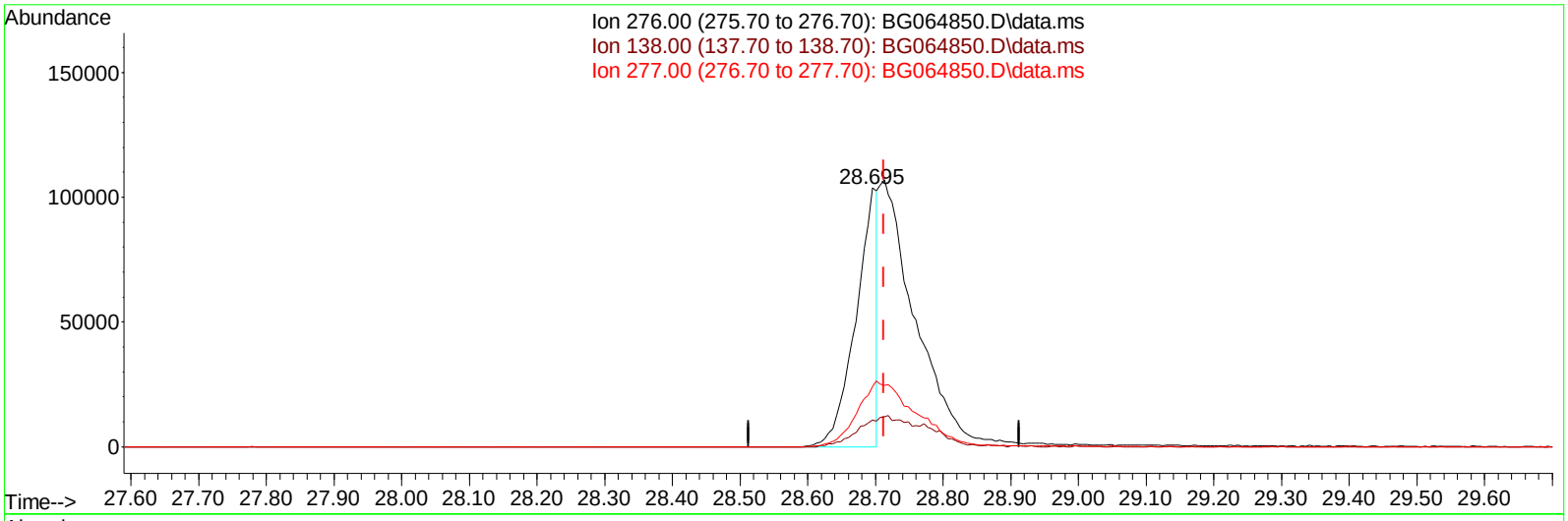

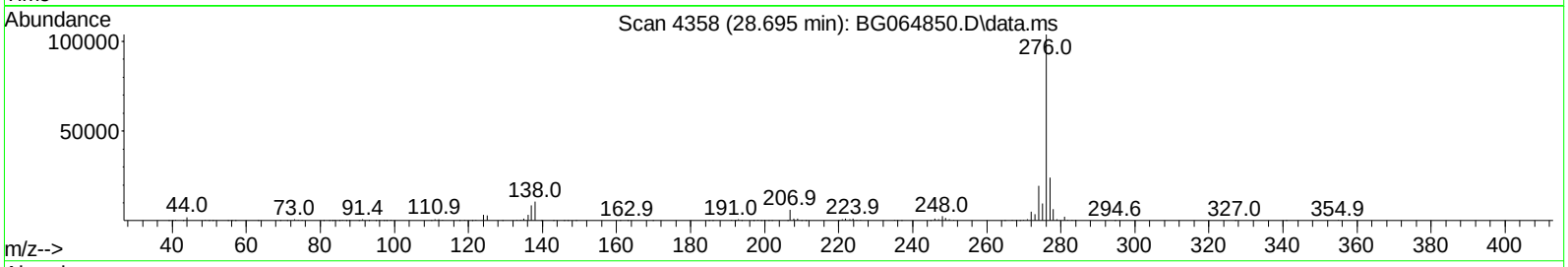

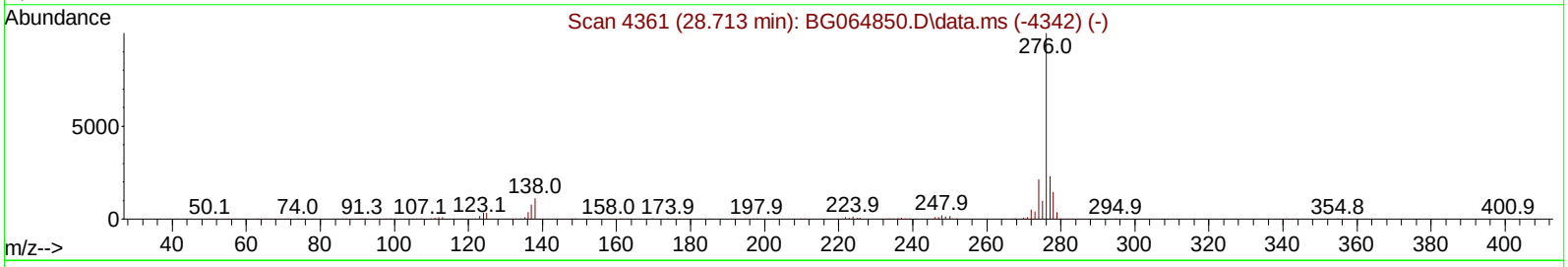

TIC: BG064850.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.695min (-0.018) 7.60 ng/ul

response 227256

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.20	10.25
277.00	23.10	23.31
0.00	0.00	0.00

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ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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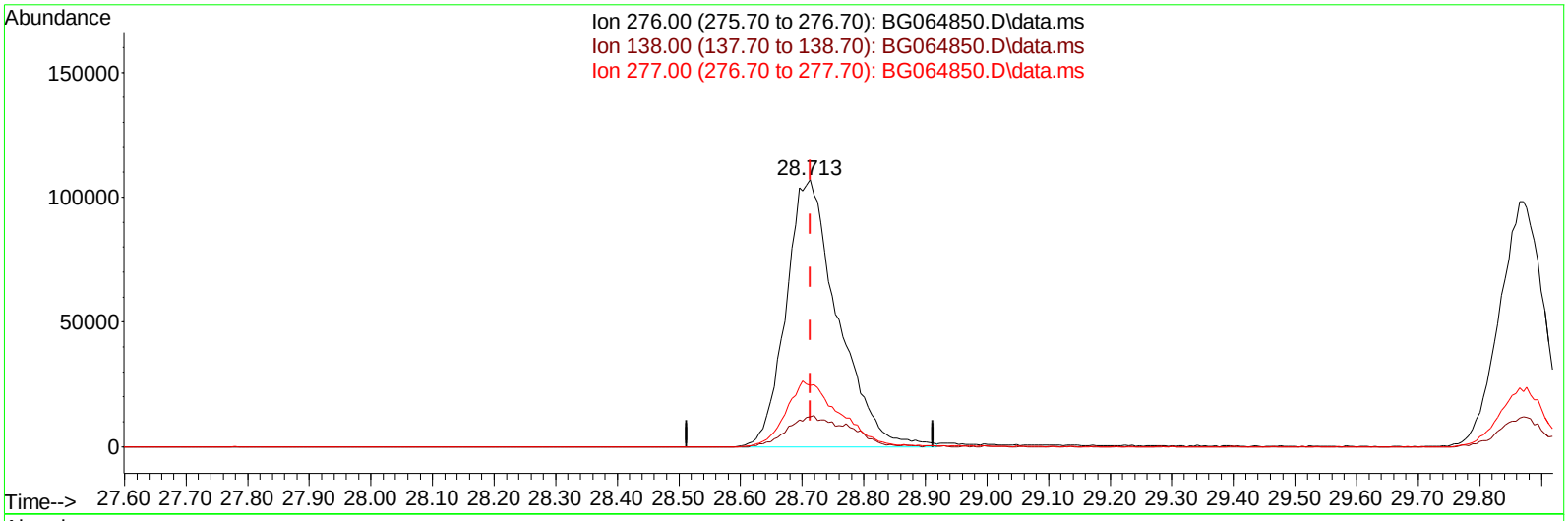

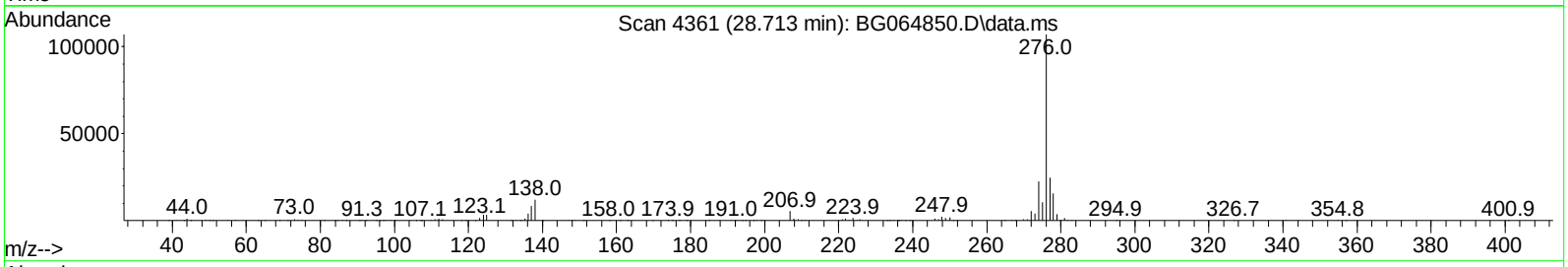

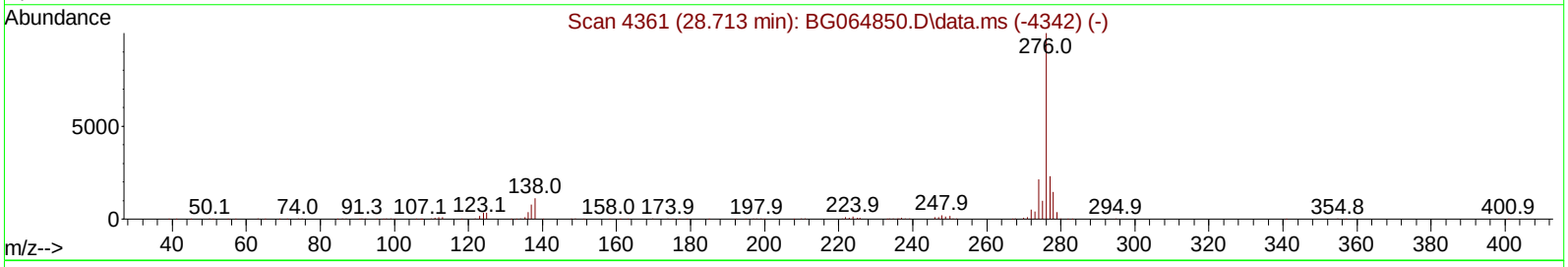

TIC: BG064850.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.713min (-0.000) 20.88 ng/ul m

response 624240

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.20	11.17
277.00	23.10	23.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	32413	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	132732	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.765	164	115189	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.497	188	298932	20.000	ng/ul	0.00
79) Chrysene-d12	21.745	240	372521	20.000	ng/ul	0.00
88) Perylene-d12	24.994	264	410052	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.478	96	6476	9.817	ng/uL	0.00
4) Pyridine-d5	3.913	84	46729	24.413	ng/ul	0.00
7) Phenol-d5	7.297	99	52180	19.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	33562	23.099	ng/ul	0.00
11) 2-Chlorophenol-d4	7.685	132	41481	19.823	ng/ul	0.00
15) 4-Methylphenol-d8	8.854	113	43460	18.151	ng/ul	0.00
21) Nitrobenzene-d5	9.312	128	20781	19.881	ng/ul	0.00
24) 2-Nitrophenol-d4	10.047	143	25085	19.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	50734	21.206	ng/ul	0.00
31) 4-Chloroaniline-d4	11.098	131	62016	19.308	ng/ul	0.00
46) Dimethylphthalate-d6	14.165	166	186057	18.453	ng/ul	0.00
49) Acenaphthylene-d8	14.465	160	199802	20.149	ng/ul	0.00
54) 4-Nitrophenol-d4	14.941	143	27104	17.530	ng/ul	0.00
60) Fluorene-d10	15.752	176	166559	20.034	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.852	200	35112	17.074	ng/ul	0.00
73) Anthracene-d10	17.591	188	307428	20.591	ng/ul	0.00
81) Pyrene-d10	19.865	212	395883	19.118	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.771	264	441300	20.765	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.519	88	7882	10.528	ng/uL	100
5) Pyridine	3.930	79	49297	24.610	ng/ul	100
6) Benzaldehyde	7.279	77	34414	27.284	ng/ul	100
8) Phenol	7.326	94	53894	19.733	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.561	93	40005	20.791	ng/ul	100
12) 2-Chlorophenol	7.714	128	43127	19.800	ng/ul	100
13) 2-Methylphenol	8.590	108	41882	18.668	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.678	45	85604	23.388	ng/ul	100
16) Acetophenone	8.977	105	73131	19.110	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.960	70	36154	19.953	ng/ul	100
18) 4-Methylphenol	8.913	108	48151	19.707	ng/ul	100
19) Hexachloroethane	9.253	117	18185	18.828	ng/ul	100
22) Nitrobenzene	9.359	77	53495	20.598	ng/ul	100
23) Isophorone	9.888	82	103714	20.708	ng/ul	100
25) 2-Nitrophenol	10.076	139	25551	21.101	ng/ul	100
26) 2,4-Dimethylphenol	10.129	107	55542	20.227	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.364	93	58384	22.467	ng/ul	100
29) 2,4-Dichlorophenol	10.617	162	48061	21.817	ng/ul	100
30) Naphthalene	11.022	128	157945	21.378	ng/ul	100
32) 4-Chloroaniline	11.122	127	64174	20.182	ng/ul	100
33) Hexachlorobutadiene	11.316	225	49900	24.437	ng/ul	100
34) Caprolactam	11.868	113	17103m	19.929	ng/ul	
35) 4-Chloro-3-methylphenol	12.226	107	52787	19.926	ng/ul	100

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.614	142	119017	21.314	ng/ul	100
37) 1-Methylnaphthalene	12.832	142	116625	21.053	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.978	216	90144	23.663	ng/ul	100
40) Hexachlorocyclopentadiene	12.961	237	57748	21.734	ng/ul	100
41) 2,4,6-Trichlorophenol	13.208	196	50847	21.356	ng/ul	100
42) 2,4,5-Trichlorophenol	13.284	196	53369	21.071	ng/ul	100
43) 1,1'-Biphenyl	13.607	154	167034	19.663	ng/ul	100
44) 2-Chloronaphthalene	13.654	162	129440	20.671	ng/ul	100
45) 2-Nitroaniline	13.842	65	38215	17.547	ng/ul	100
47) Dimethylphthalate	14.212	163	188907	19.774	ng/ul	100
48) 2,6-Dinitrotoluene	14.324	165	35367	19.635	ng/ul	100
50) Acenaphthylene	14.494	152	229004	21.189	ng/ul	100
51) 3-Nitroaniline	14.653	138	33309	21.555	ng/ul	100
52) Acenaphthene	14.829	153	149789	20.591	ng/ul	100
53) 2,4-Dinitrophenol	14.865	184	15125	13.180	ng/ul	100
55) 4-Nitrophenol	14.953	109	25492	13.087	ng/ul	100
56) Dibenzofuran	15.164	168	228090	20.980	ng/ul	100
57) 2,4-Dinitrotoluene	15.105	165	53674	18.608	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.382	232	62243	22.867	ng/ul	100
59) Diethylphthalate	15.564	149	188185	18.444	ng/ul	100
61) Fluorene	15.805	166	178299	19.733	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.793	204	109058	22.192	ng/ul	100
63) 4-Nitroaniline	15.810	138	34213	21.649	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.869	198	33417	16.125	ng/ul	100
67) N-Nitrosodiphenylamine	16.004	169	164976	20.204	ng/ul	100
68) 4-Bromophenyl-phenylether	16.686	248	80774	22.509	ng/ul	100
69) Hexachlorobenzene	16.809	284	96194	23.391	ng/ul	100
70) Atrazine	16.939	200	77883	19.538	ng/ul	100
71) Pentachlorophenol	17.144	266	49701	19.483	ng/ul	100
72) Phenanthrene	17.538	178	344595	20.990	ng/ul	100
74) Anthracene	17.626	178	348948	20.915	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.578	216	88423	21.429	ng/ul	100
76) Pentachlorobenzene	15.082	250	102729	22.447	ng/ul	100
77) Carbazole	17.890	167	284372	19.920	ng/ul	100
78) Di-n-butylphthalate	18.443	149	326715	18.651	ng/ul	100
80) Fluoranthene	19.530	202	450086	19.187	ng/ul	100
82) Pyrene	19.894	202	469554	19.378	ng/ul	100
83) Butylbenzylphthalate	20.763	149	150335	16.405	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.633	252	178793	22.591	ng/ul	100
85) Benzo(a)anthracene	21.727	228	512597	20.467	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.621	149	224758	16.972	ng/ul	100
87) Chrysene	21.792	228	493312	20.714	ng/ul	100
89) Di-n-octyl phthalate	22.843	149	387575	17.276	ng/ul	100
90) Benzo(b)fluoranthene	23.960	252	521681	20.939	ng/ul	100
91) Benzo(k)fluoranthene	24.024	252	524958	21.110	ng/ul	100
93) Benzo(a)pyrene	24.847	252	485619	20.980	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.713	276	624240m	20.885	ng/ul	
95) Dibenzo(a,h)anthracene	28.778	278	497296	20.768	ng/ul	100
96) Benzo(g,h,i)perylene	29.870	276	500786	20.684	ng/ul	100

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

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