Quantitation Report (Qedit)

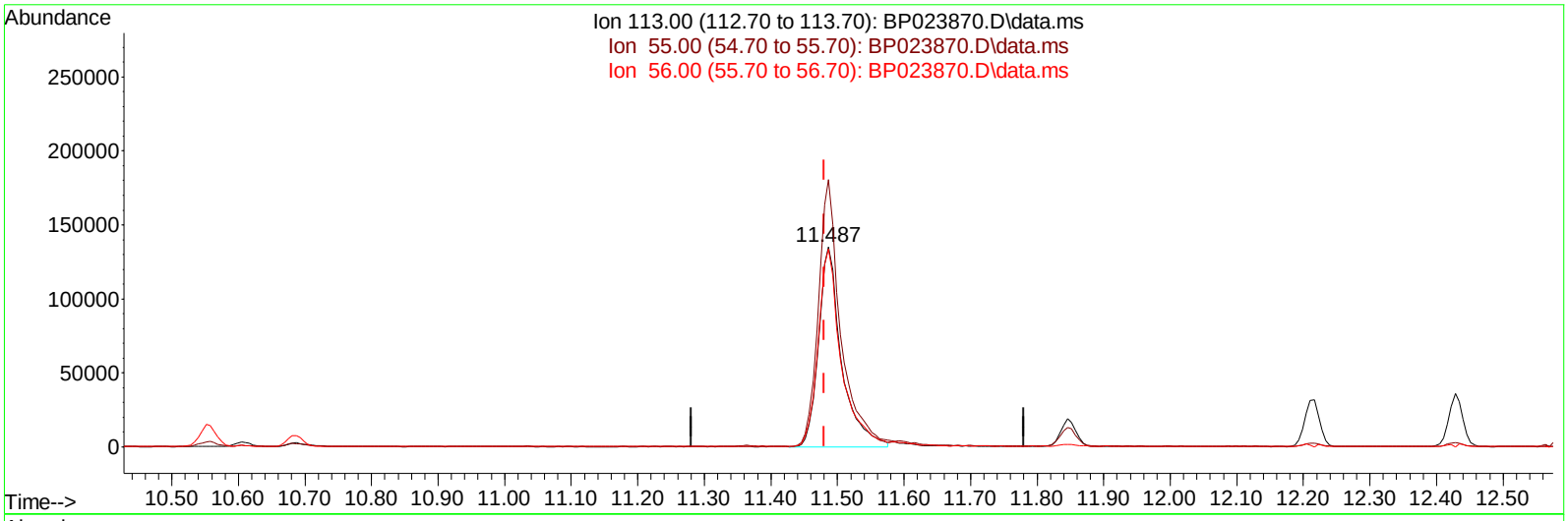
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023870.D
Acq On : 02 Feb 2025 00:17
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

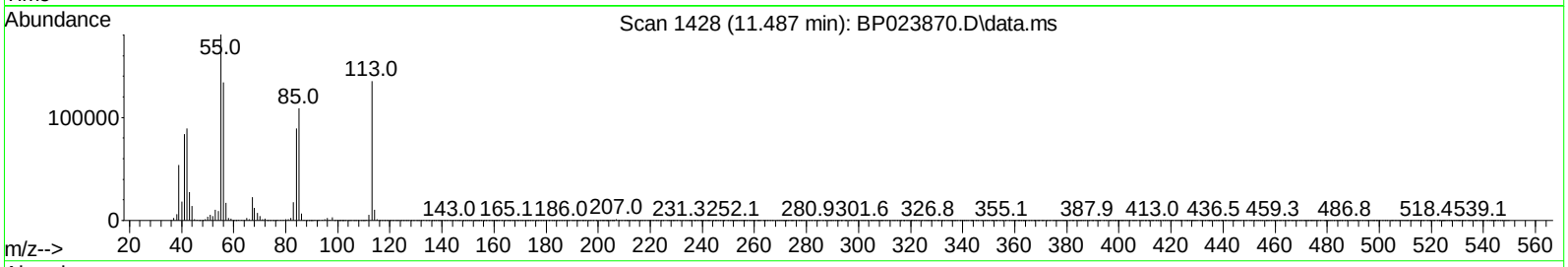
Quant Time: Feb 03 08:49:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

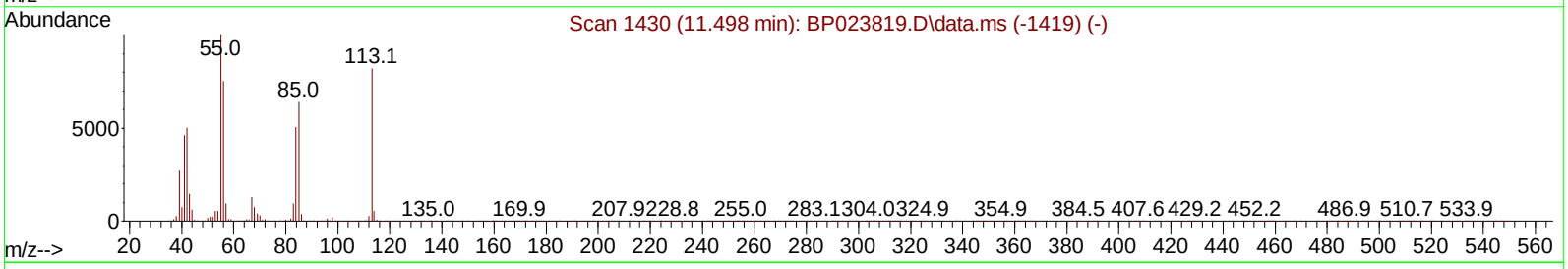
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023870.D\data.ms

(34) Caprolactam

11.487min (+ 0.006) 19.26 ng/ul

response 322316

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	133.46
56.00	96.30	98.91
0.00	0.00	0.00

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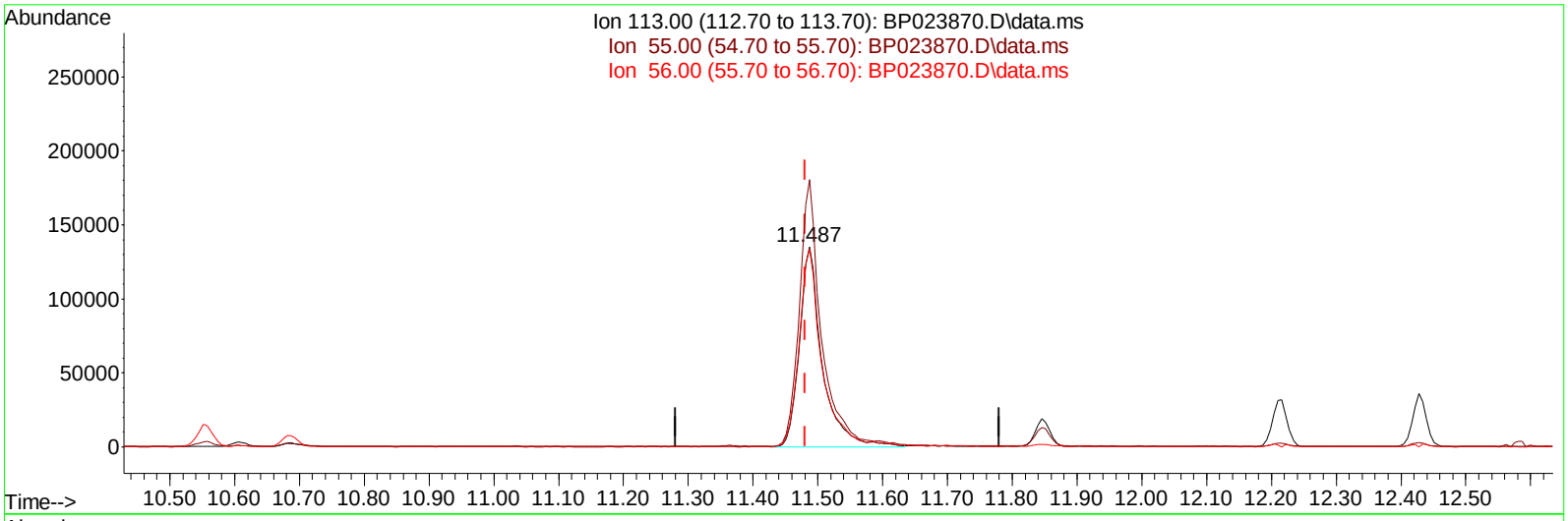

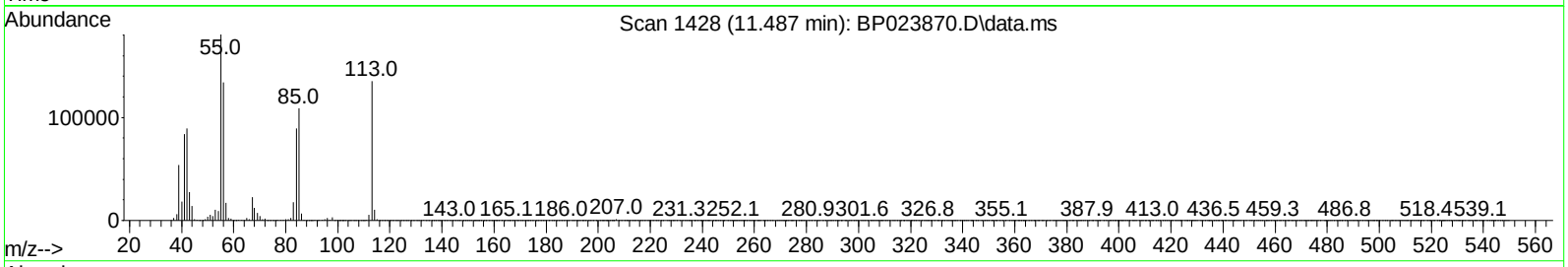

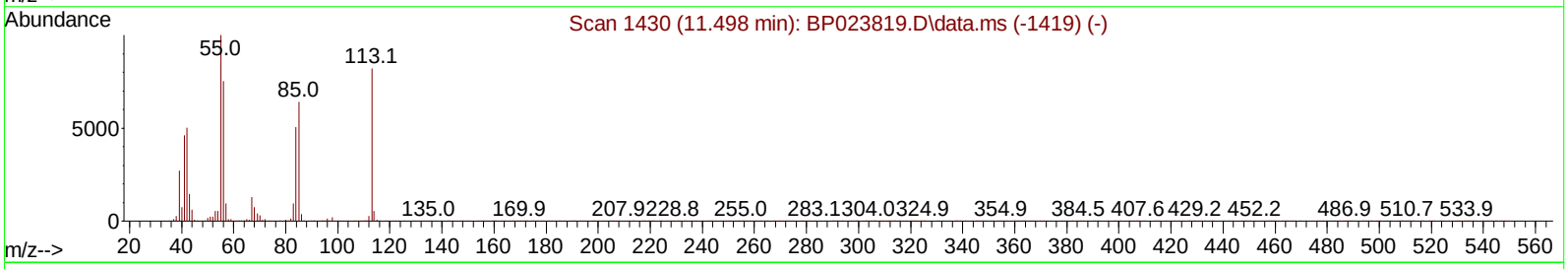

TIC: BP023870.D\data.ms

(34) Caprolactam

11.487min (+ 0.006) 19.69 ng/ul m

response 329458

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	133.46
56.00	96.30	98.91
0.00	0.00	0.00

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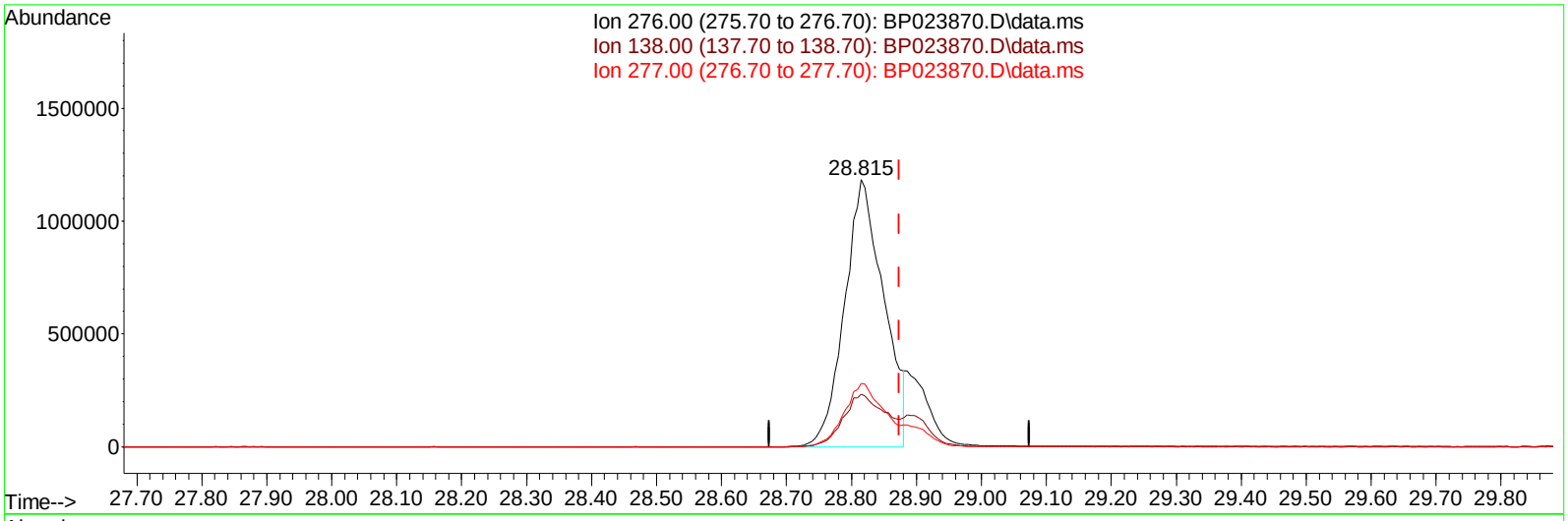

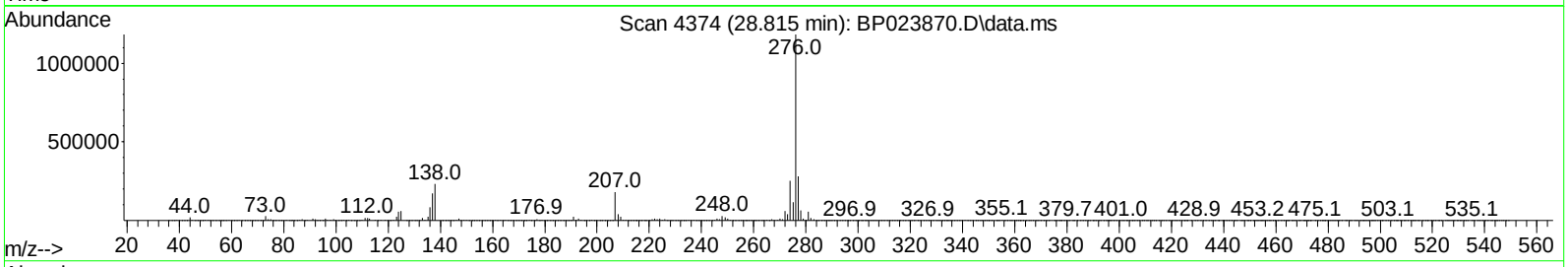

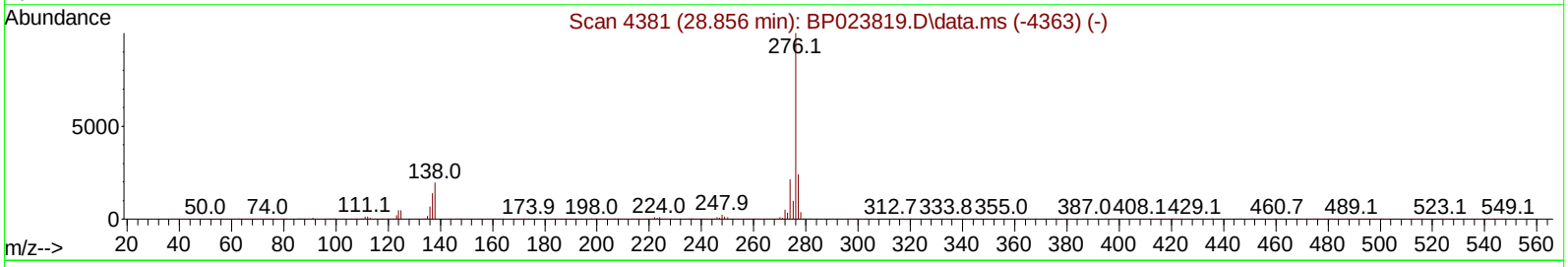

TIC: BP023870.D\data.ms

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

28.815min (-0.058) 18.57 ng/ul

response 4948261

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.66
277.00	23.70	23.74
0.00	0.00	0.00

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Instrument :
BNA_P
LabSampleId :
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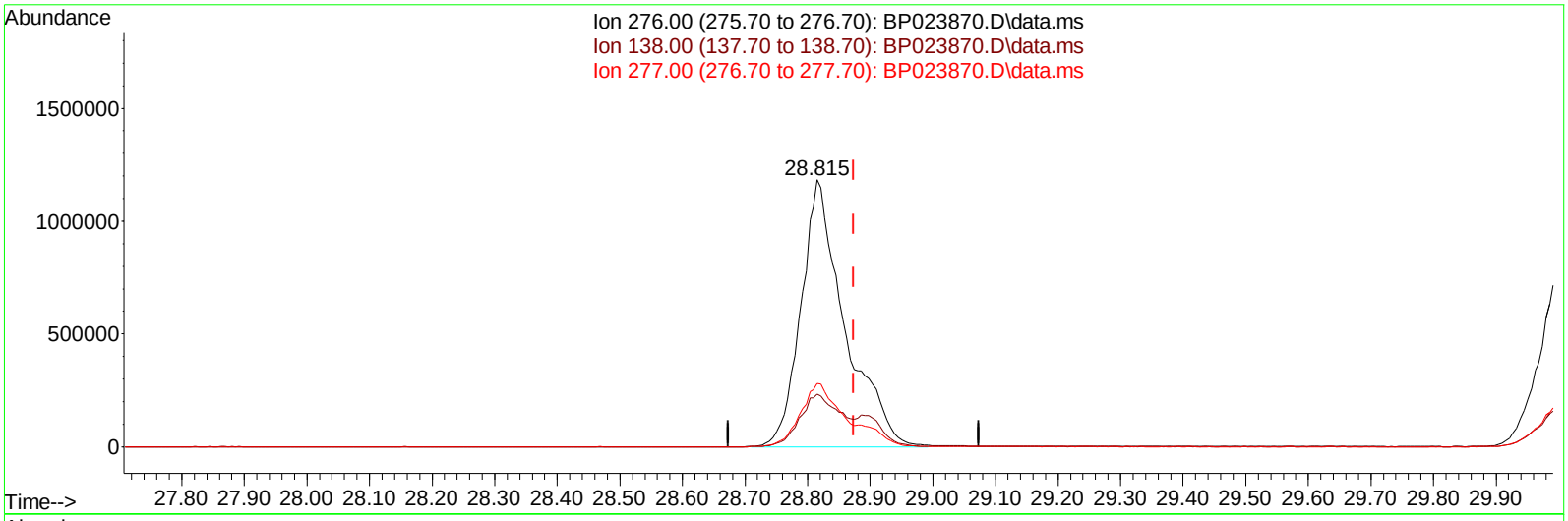

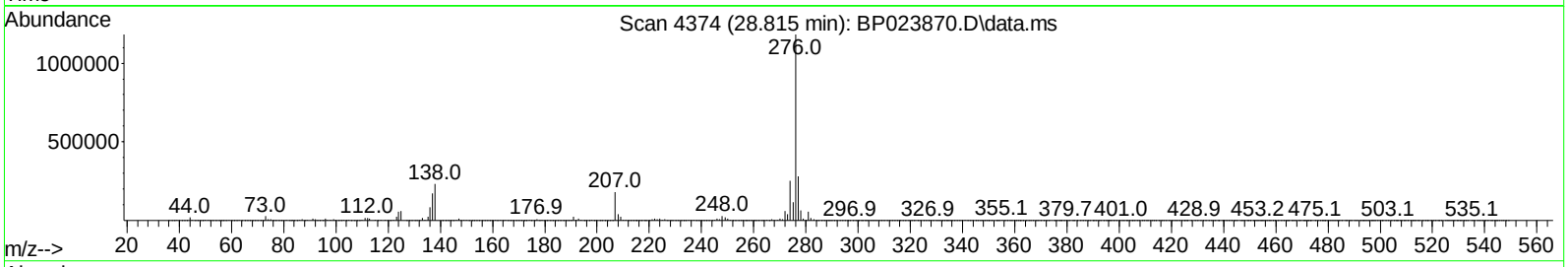

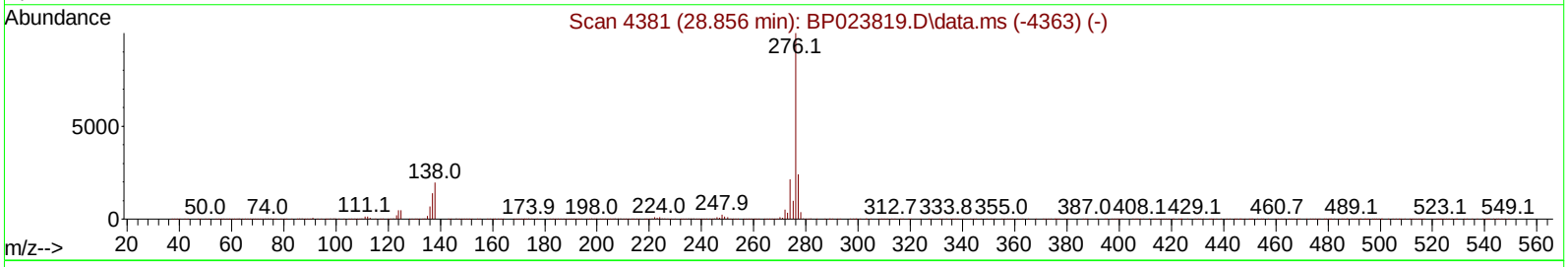

TIC: BP023870.D\data.ms

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

28.815min (-0.058) 21.58 ng/ul m

response 5750148

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.66
277.00	23.70	23.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	618352	20.000	ng/ul	0.02
20) Naphthalene-d8	10.558	136	2689639	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.404	164	1726096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	3410263	20.000	ng/ul	-0.02
79) Chrysene-d12	21.639	240	3567714	20.000	ng/ul	0.00
88) Perylene-d12	24.992	264	3628001	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	119210	8.010	ng/uL	0.00
4) Pyridine-d5	3.705	84	912038	21.238	ng/ul	0.01
7) Phenol-d5	6.964	99	1177843	21.524	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.117	67	649988	22.440	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	944808	21.987	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	961427	21.507	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	470198	21.851	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	487928	21.014	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	927142	21.766	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	1397481	21.938	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	2693158	20.918	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	3218049	22.161	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	544884	21.310	ng/ul	0.00
60) Fluorene-d10	15.398	176	2364533	21.808	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	406274	19.311	ng/ul	-0.02
73) Anthracene-d10	17.292	188	3727720	22.263	ng/ul	-0.02
81) Pyrene-d10	19.663	212	4145334	21.685	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.769	264	4088415	21.598	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	125379	8.011	ng/uL	98
5) Pyridine	3.723	79	914484	21.270	ng/ul	99
6) Benzaldehyde	6.928	77	741054	27.592	ng/ul	99
8) Phenol	6.987	94	1229539	21.882	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	945434	22.103	ng/ul	99
12) 2-Chlorophenol	7.352	128	981243	22.164	ng/ul	99
13) 2-Methylphenol	8.222	108	912036	21.572	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	995219	22.552	ng/ul	99
16) Acetophenone	8.587	105	1550876	22.695	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.575	70	723266	22.476	ng/ul	98
18) 4-Methylphenol	8.546	108	1032237	22.005	ng/ul	97
19) Hexachloroethane	8.852	117	380857	21.757	ng/ul	98
22) Nitrobenzene	8.963	77	1061849	22.738	ng/ul	98
23) Isophorone	9.493	82	2011589	21.334	ng/ul	99
25) 2-Nitrophenol	9.669	139	548158	21.644	ng/ul	97
26) 2,4-Dimethylphenol	9.740	107	1029034	21.952	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	1265995	21.555	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	939834	21.757	ng/ul	98
30) Naphthalene	10.605	128	3167379	22.000	ng/ul	100
32) 4-Chloroaniline	10.710	127	1338712	22.268	ng/ul	100
33) Hexachlorobutadiene	10.893	225	556891	21.296	ng/ul	99
34) Caprolactam	11.487	113	329458m	19.687	ng/ul	
35) 4-Chloro-3-methylphenol	11.846	107	997105	21.474	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.216	142	2182374	21.559	ng/ul	100
37) 1-Methylnaphthalene	12.428	142	2185235	21.761	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.581	216	1145959	22.457	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	530982	18.466	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	719856	21.119	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	812071	22.104	ng/ul	98
43) 1,1'-Biphenyl	13.228	154	2861155	22.331	ng/ul	99
44) 2-Chloronaphthalene	13.263	162	2244155	22.479	ng/ul	99
45) 2-Nitroaniline	13.469	65	586697	22.580	ng/ul	97
47) Dimethylphthalate	13.851	163	2712492	21.174	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	539439	21.548	ng/ul	98
50) Acenaphthylene	14.116	152	3475551	22.475	ng/ul	99
51) 3-Nitroaniline	14.299	138	617934	22.460	ng/ul	97
52) Acenaphthene	14.463	153	2430536	22.168	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	242518	16.249	ng/ul	99
55) 4-Nitrophenol	14.628	109	410745	22.706	ng/ul	96
56) Dibenzofuran	14.798	168	3368719	22.173	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	799492	21.470	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.028	232	655454	20.966	ng/ul#	90
59) Diethylphthalate	15.234	149	2729012	21.263	ng/ul	100
61) Fluorene	15.463	166	2864517	22.728	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	1381238	22.139	ng/ul	99
63) 4-Nitroaniline	15.469	138	695050	25.965	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.528	198	448868	19.406	ng/ul	99
67) N-Nitrosodiphenylamine	15.675	169	2341678	22.499	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	810588	21.068	ng/ul	98
69) Hexachlorobenzene	16.481	284	989683	21.230	ng/ul	100
70) Atrazine	16.651	200	839173	20.821	ng/ul	99
71) Pentachlorophenol	16.840	266	580663	20.250	ng/ul	99
72) Phenanthrene	17.234	178	4314845	22.405	ng/ul	100
74) Anthracene	17.328	178	4395537	22.632	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.193	216	1113824	22.304	ng/uL	99
76) Pentachlorobenzene	14.722	250	1164454	21.638	ng/uL	99
77) Carbazole	17.604	167	4020618	23.630	ng/ul	99
78) Di-n-butylphthalate	18.198	149	4556573	21.637	ng/ul	100
80) Fluoranthene	19.322	202	4897429	22.241	ng/ul	100
82) Pyrene	19.698	202	5275206	22.909	ng/ul	99
83) Butylbenzylphthalate	20.639	149	1992232	20.091	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.533	252	1535975	19.899	ng/ul	99
85) Benzo(a)anthracene	21.616	228	5085877	21.679	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	2943986	20.348	ng/ul	99
87) Chrysene	21.686	228	4744667	21.949	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	4629237	21.286	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	4750647	21.580	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	4935807	22.365	ng/ul	100
93) Benzo(a)pyrene	24.845	252	4494180	21.861	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.815	276	5750148m	21.579	ng/ul	
95) Dibenzo(a,h)anthracene	28.898	278	4703509	21.759	ng/ul	99
96) Benzo(g,h,i)perylene	30.004	276	4340584	21.266	ng/ul	99

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

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