Quantitation Report (Qedit)

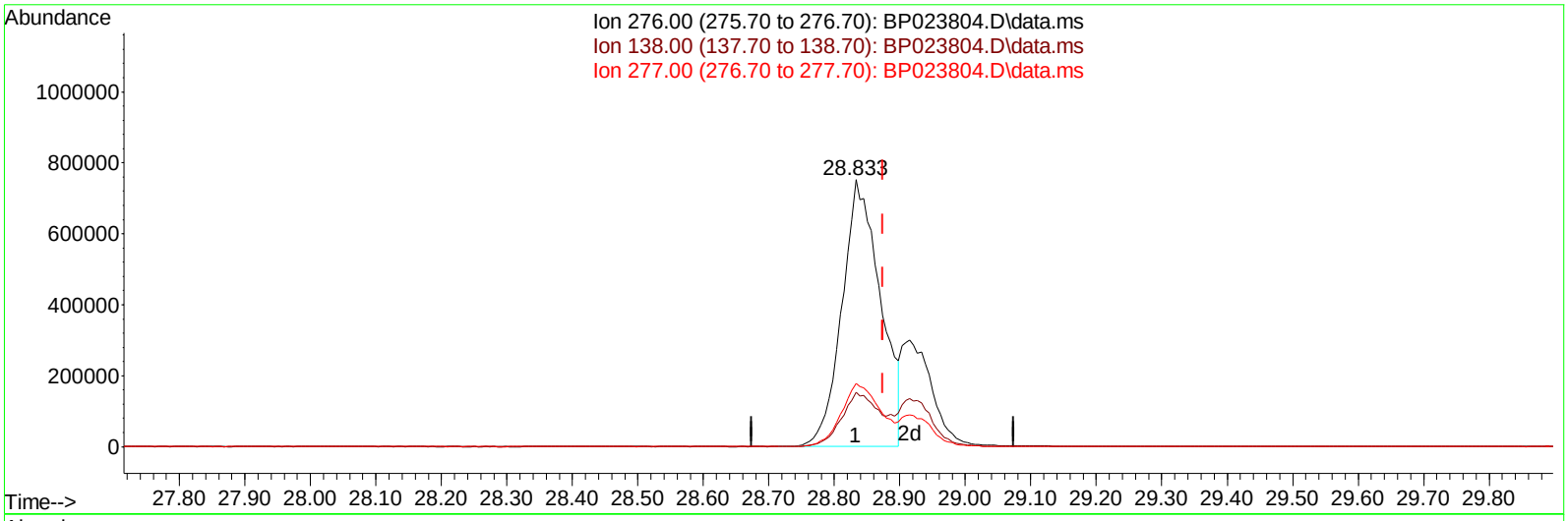
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023804.D
Acq On : 30 Jan 2025 19:06
Operator : RC/JU
Sample : Q1189-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

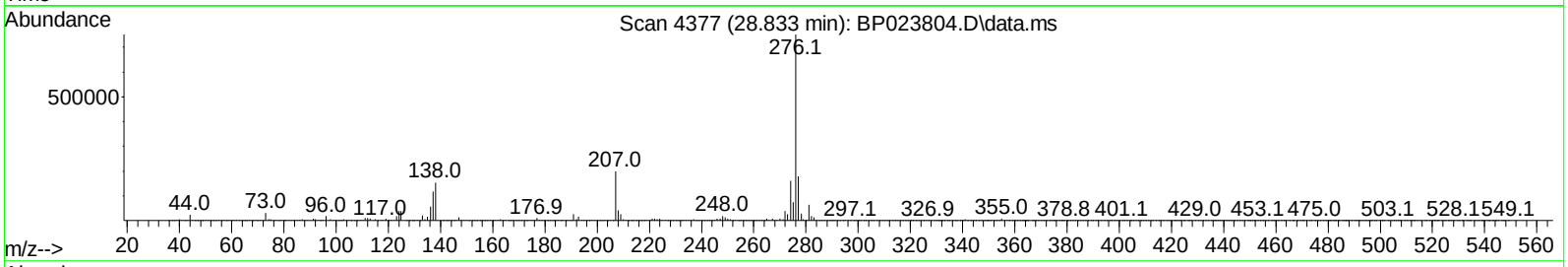
Quant Time: Jan 31 08:22:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 08:09:38 2025
Response via : Initial Calibration

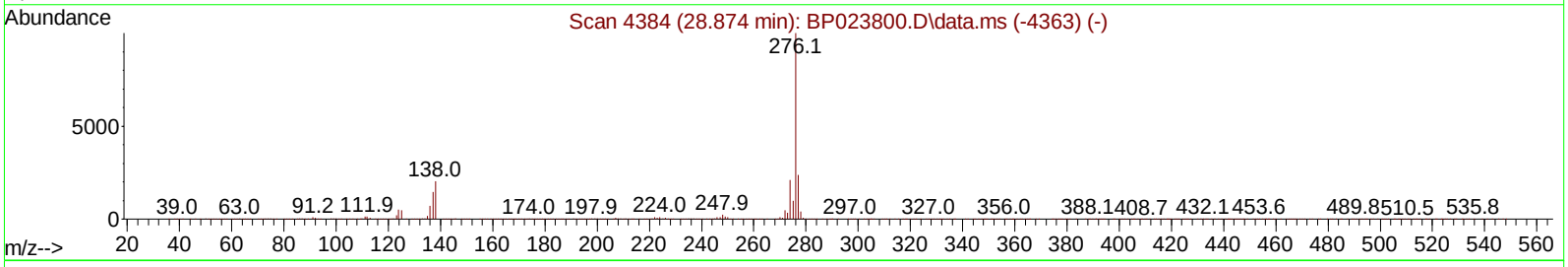
Instrument :
BNA_P
ClientSampleId :
A44R1MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023804.D\data.ms

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

28.833min (-0.041) 13.54 ng/ul

response 3062023

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.46
277.00	23.70	23.82
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 30 Jan 2025 19:06
Operator : RC/JU
Sample : Q1189-09MS
Misc :
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Manual IntegrationsAPPROVED

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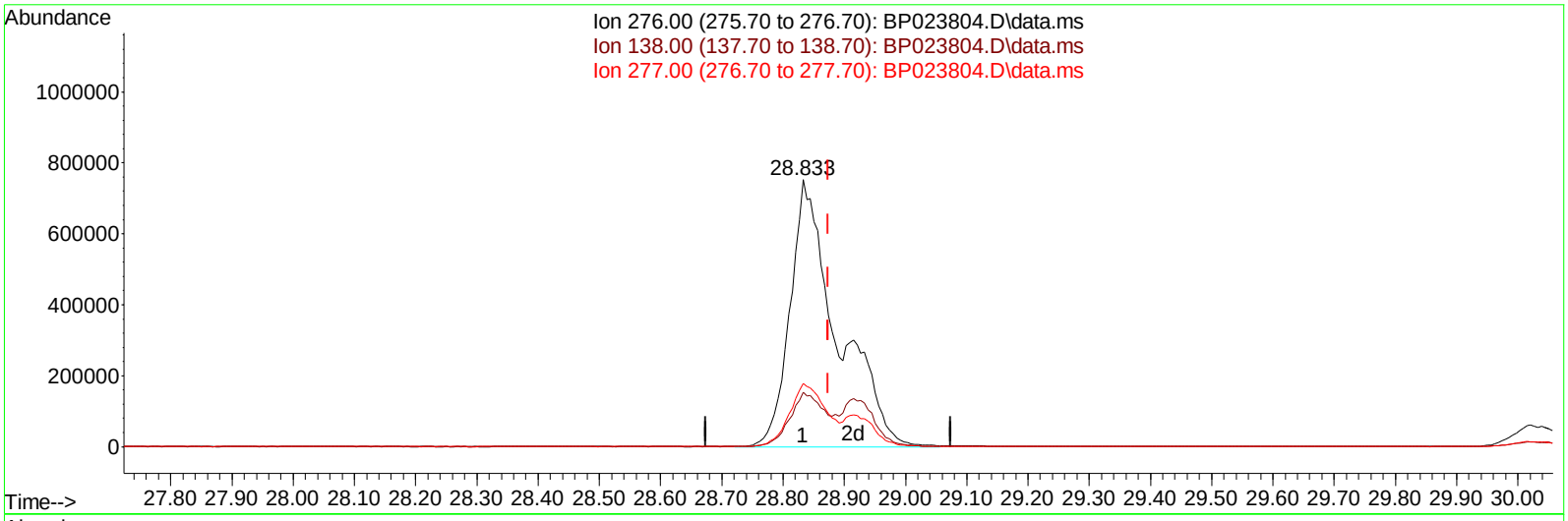

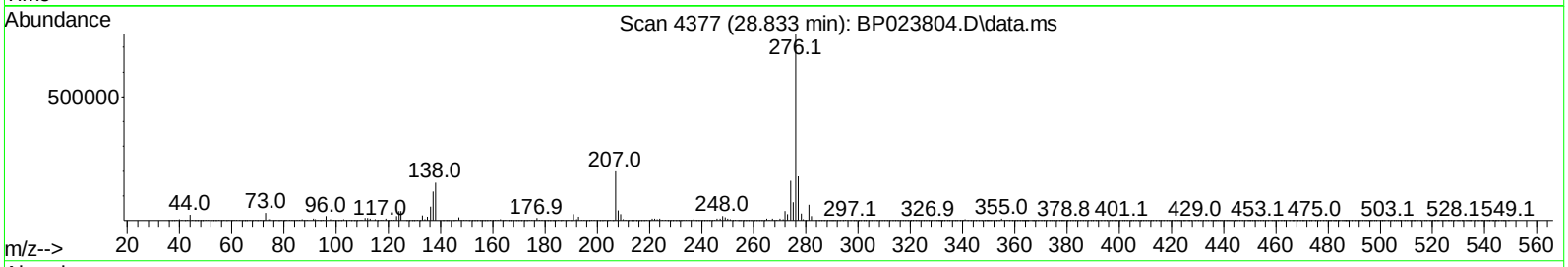

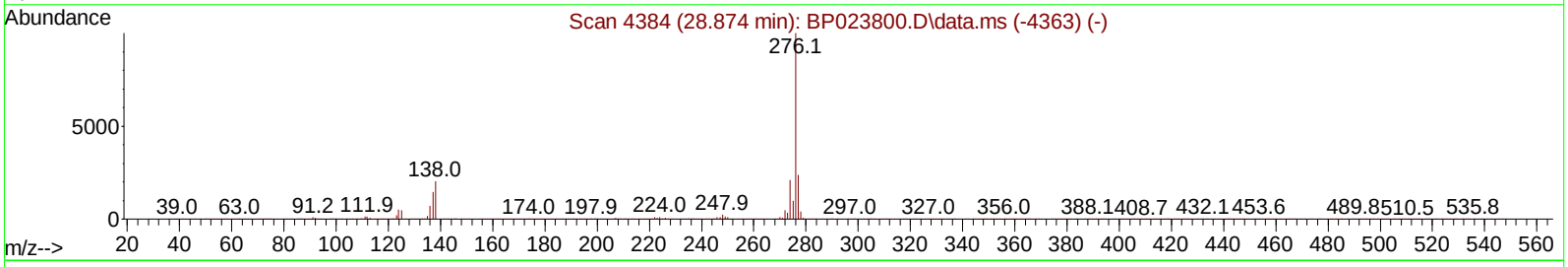

TIC: BP023804.D\data.ms

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

28.833min (-0.041) 17.84 ng/ul m

response 4036103

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.46
277.00	23.70	23.82
0.00	0.00	0.00

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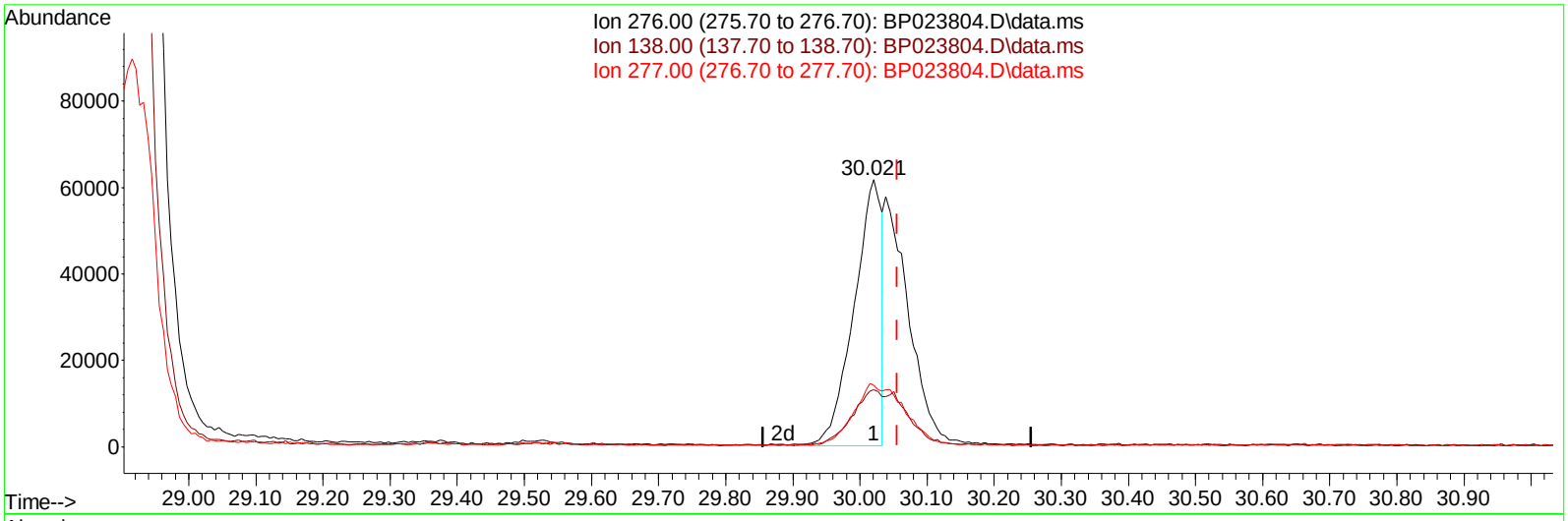

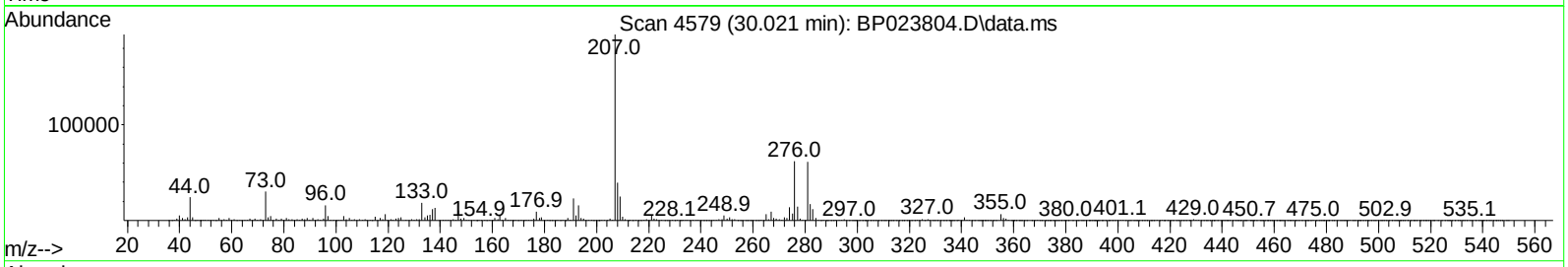

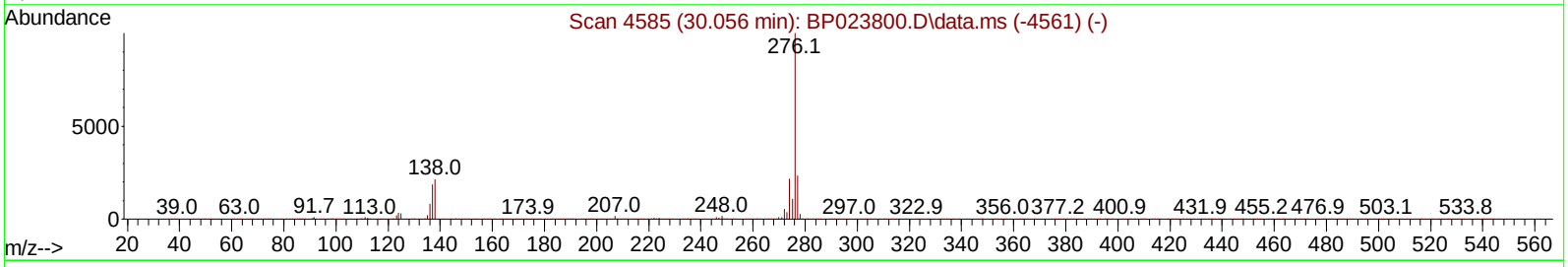

TIC: BP023804.D\data.ms

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

30.021min (-0.035) 1.02 ng/ul

response 176058

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	21.33
277.00	23.80	23.12
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : Q1189-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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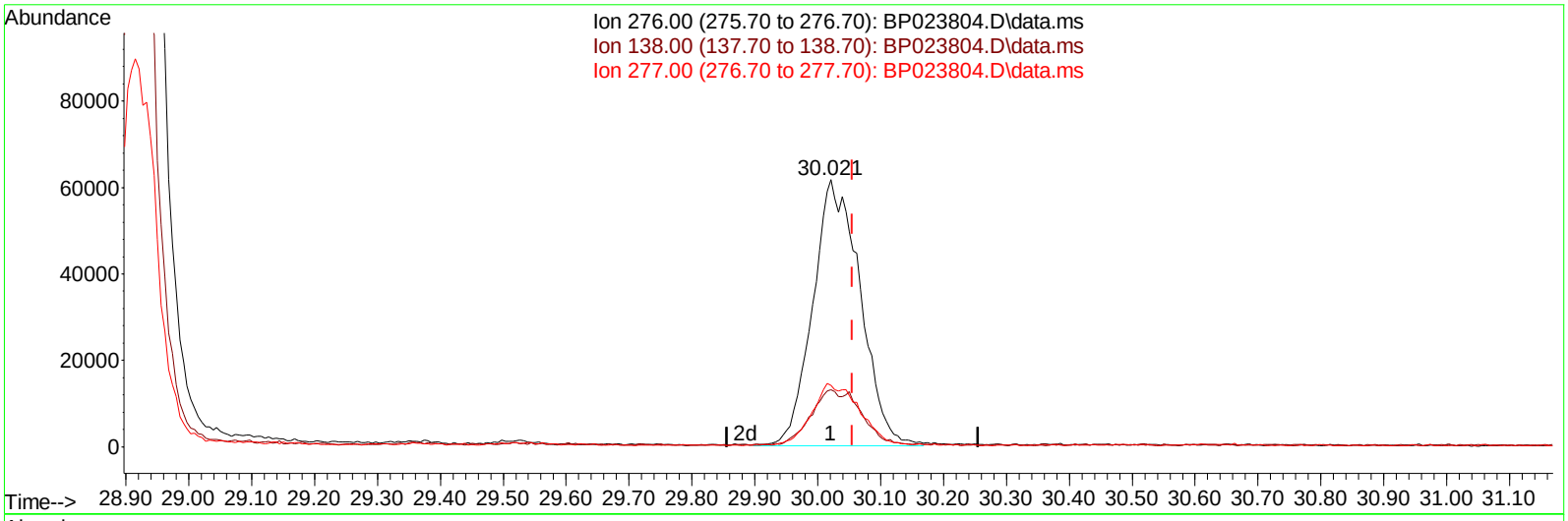

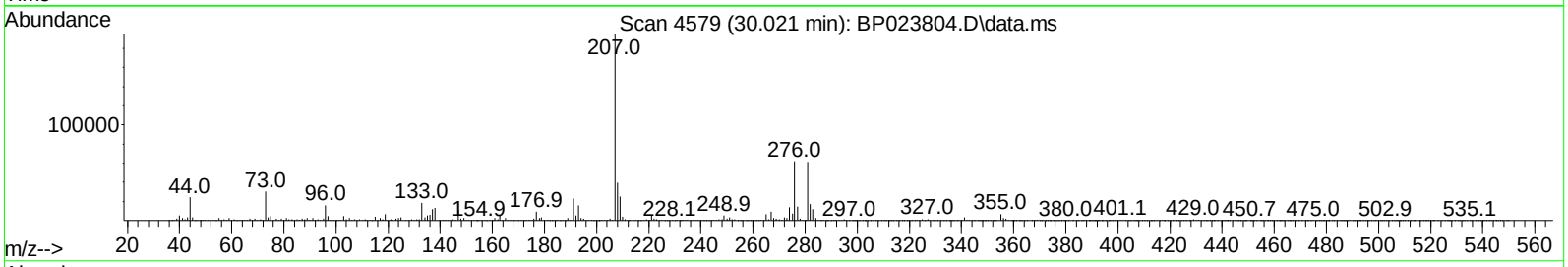

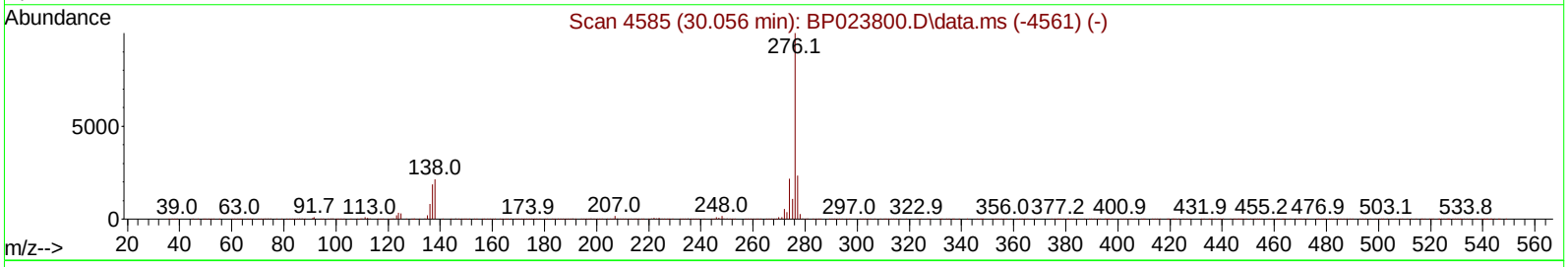

TIC: BP023804.D\data.ms

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

30.021min (-0.035) 1.87 ng/ul m

response 323128

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	21.33
277.00	23.80	23.12
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	515695	20.000	ng/ul	0.02
20) Naphthalene-d8	10.563	136	2239786	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.410	164	1463868	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.210	188	2832337	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	2941491	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264	3079583	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	39165	3.155	ng/uL	0.01
4) Pyridine-d5	3.711	84	677571	18.919	ng/ul	0.02
7) Phenol-d5	6.969	99	825423	18.087	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	443154	18.345	ng/ul	0.02
11) 2-Chlorophenol-d4	7.328	132	660418	18.428	ng/ul	0.02
15) 4-Methylphenol-d8	8.487	113	636520	17.074	ng/ul	0.02
21) Nitrobenzene-d5	8.928	128	328967	18.358	ng/ul	0.02
24) 2-Nitrophenol-d4	9.646	143	347509	17.972	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.193	165	679378	19.153	ng/ul	0.02
31) 4-Chloroaniline-d4	10.693	131	361624	6.817	ng/ul	0.01
46) Dimethylphthalate-d6	13.816	166	2160277	19.785	ng/ul	0.01
49) Acenaphthylene-d8	14.098	160	2293022	18.620	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	449846	20.745	ng/ul	0.00
60) Fluorene-d10	15.416	176	1695013	18.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	329681	18.868	ng/ul	0.00
73) Anthracene-d10	17.310	188	2672936	19.220	ng/ul	0.00
81) Pyrene-d10	19.674	212	2618977	16.617	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	1662626	10.348	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	97826	7.495	ng/uL	98
5) Pyridine	3.728	79	521821	14.553	ng/ul	98
6) Benzaldehyde	6.934	77	67158	2.998	ng/ul	97
8) Phenol	6.993	94	1103856	23.556	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.210	93	741420	20.784	ng/ul	99
12) 2-Chlorophenol	7.357	128	774952	20.989	ng/ul	98
13) 2-Methylphenol	8.228	108	698892	19.821	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	777845	21.135	ng/ul	100
16) Acetophenone	8.599	105	1650874	28.967	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	571304	21.288	ng/ul	99
18) 4-Methylphenol	8.552	108	809098	20.682	ng/ul	98
19) Hexachloroethane	8.857	117	239769	16.423	ng/ul	95
22) Nitrobenzene	8.969	77	830343	21.352	ng/ul	98
23) Isophorone	9.499	82	1641969	20.911	ng/ul	99
25) 2-Nitrophenol	9.675	139	434463	20.600	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	476376	12.204	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.969	93	1022113	20.898	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	772168	21.466	ng/ul	98
30) Naphthalene	10.610	128	2552313	21.289	ng/ul	100
32) 4-Chloroaniline	10.716	127	273639	5.466	ng/ul	100
33) Hexachlorobutadiene	10.904	225	440540	20.230	ng/ul	99
34) Caprolactam	11.493	113	283190	20.321	ng/ul	99
35) 4-Chloro-3-methylphenol	11.851	107	856480	22.150	ng/ul	98

Quantitation Report (QT Reviewed)

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ClientSampleId :
A44R1MS

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.222	142	1800512	21.359	ng/ul	100
37) 1-Methylnaphthalene	12.434	142	1811170	21.658	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.592	216	912053	21.075	ng/ul	100
40) Hexachlorocyclopentadiene	12.575	237	359933	14.760	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	630875	21.824	ng/ul	100
42) 2,4,5-Trichlorophenol	12.910	196	710705	22.810	ng/ul	99
43) 1,1'-Biphenyl	13.234	154	2398377	22.072	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	1861703	21.988	ng/ul	99
45) 2-Nitroaniline	13.475	65	479753	21.771	ng/ul	95
47) Dimethylphthalate	13.857	163	2447350	22.527	ng/ul	99
48) 2,6-Dinitrotoluene	13.975	165	480874	22.649	ng/ul	100
50) Acenaphthylene	14.128	152	2898931	22.104	ng/ul	100
51) 3-Nitroaniline	14.304	138	275448	11.805	ng/ul	99
52) Acenaphthene	14.475	153	2049508	22.041	ng/ul	100
53) 2,4-Dinitrophenol	14.516	184	242212	19.136	ng/ul	96
55) 4-Nitrophenol	14.639	109	385934	25.157	ng/ul	99
56) Dibenzofuran	14.816	168	2816830	21.862	ng/ul	100
57) 2,4-Dinitrotoluene	14.775	165	748571	23.704	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.045	232	611240	23.054	ng/ul	96
59) Diethylphthalate	15.245	149	2482947	22.811	ng/ul	99
61) Fluorene	15.475	166	2446224	22.886	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	1186365	22.422	ng/ul	100
63) 4-Nitroaniline	15.486	138	542540	23.899	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	431281	22.450	ng/ul#	94
67) N-Nitrosodiphenylamine	15.686	169	2058332	23.812	ng/ul	100
68) 4-Bromophenyl-phenylether	16.381	248	729324	22.824	ng/ul	98
69) Hexachlorobenzene	16.492	284	720940	18.620	ng/ul	98
70) Atrazine	16.663	200	741576	22.154	ng/ul	99
71) Pentachlorophenol	16.851	266	543558	22.824	ng/ul	99
72) Phenanthrene	17.251	178	3979399	24.879	ng/ul	99
74) Anthracene	17.345	178	3865904	23.967	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	881889	21.263	ng/uL	99
76) Pentachlorobenzene	14.739	250	905153	20.251	ng/uL	100
77) Carbazole	17.622	167	3481345	24.635	ng/ul	100
78) Di-n-butylphthalate	18.216	149	4468103	25.546	ng/ul	100
80) Fluoranthene	19.327	202	4840951	26.665	ng/ul	99
82) Pyrene	19.704	202	4093473	21.562	ng/ul	100
83) Butylbenzylphthalate	20.645	149	2049170	25.064	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.539	252	332168	5.219	ng/ul	99
85) Benzo(a)anthracene	21.621	228	4921229	25.443	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.580	149	2893770	24.259	ng/ul	99
87) Chrysene	21.692	228	4624247	25.946	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	4729219	25.618	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	4901007	26.228	ng/ul	99
91) Benzo(k)fluoranthene	24.015	252	4859004	25.938	ng/ul	99
93) Benzo(a)pyrene	24.857	252	2236683	12.817	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.833	276	4036103m	17.844	ng/ul	
95) Dibenzo(a,h)anthracene	28.921	278	4617312	25.164	ng/ul	99
96) Benzo(g,h,i)perylene	30.021	276	323128m	1.865	ng/ul	

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

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