Quantitation Report (Qedit)

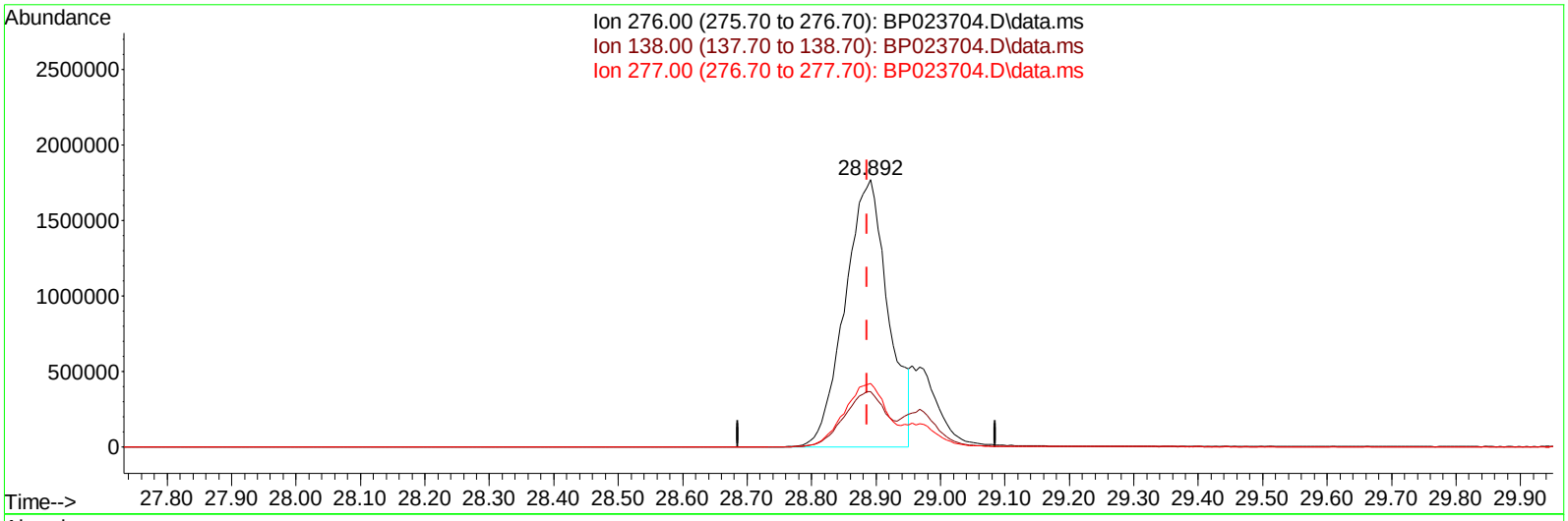
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012225\
Data File : BP023704.D
Acq On : 22 Jan 2025 15:30
Operator : RC/JU
Sample : SSTD04076
Misc :
ALS Vial : 6 Sample Multiplier: 1

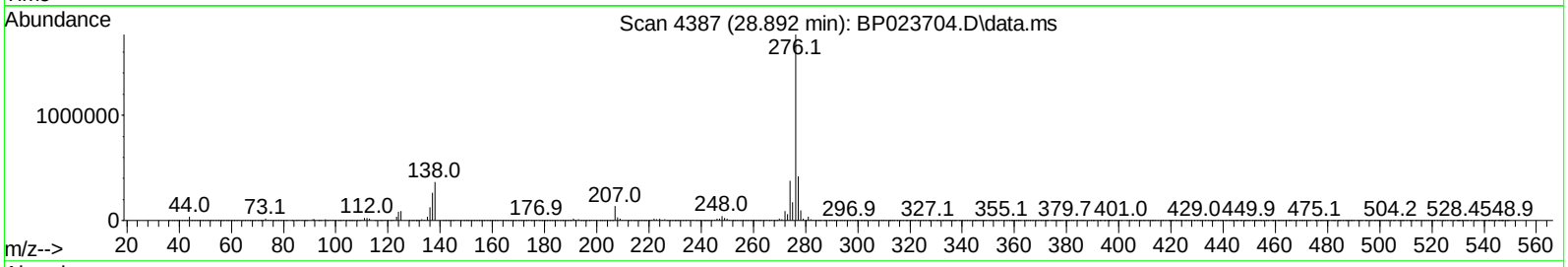
Quant Time: Jan 22 23:36:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 23:30:27 2025
Response via : Initial Calibration

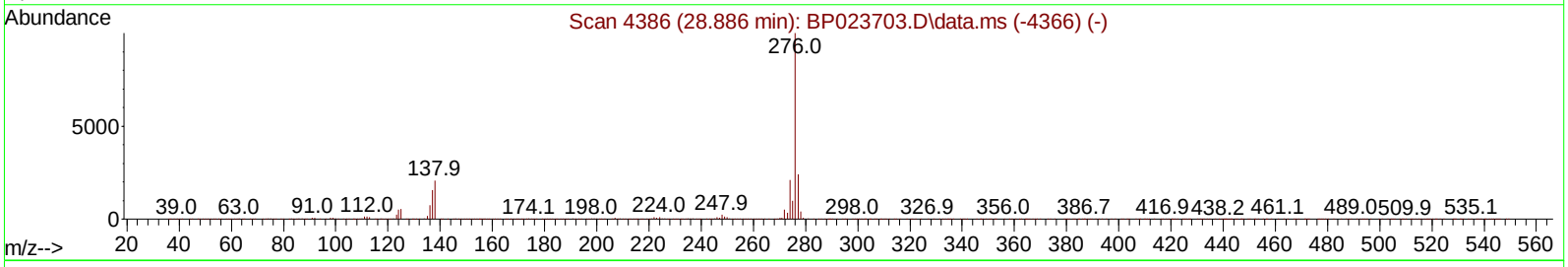
Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/23/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BP023704.D\data.ms

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

28.892min (+ 0.006) 37.38 ng/ul

response 8259638

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	20.60
277.00	24.00	23.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
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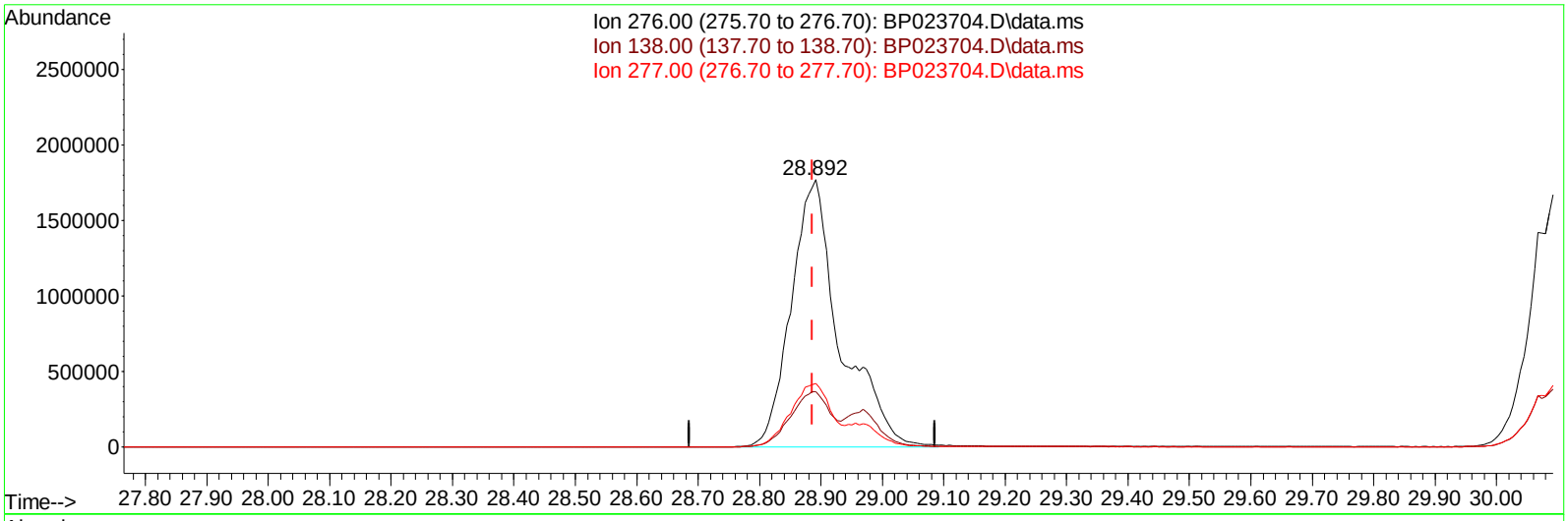

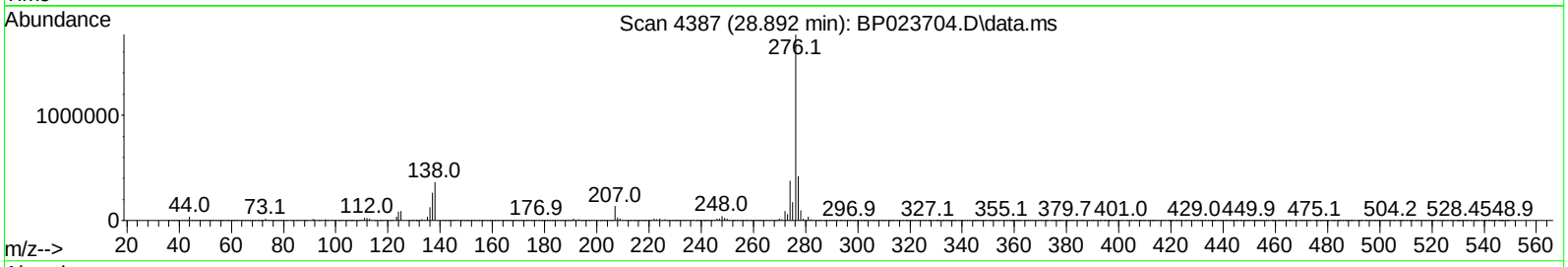

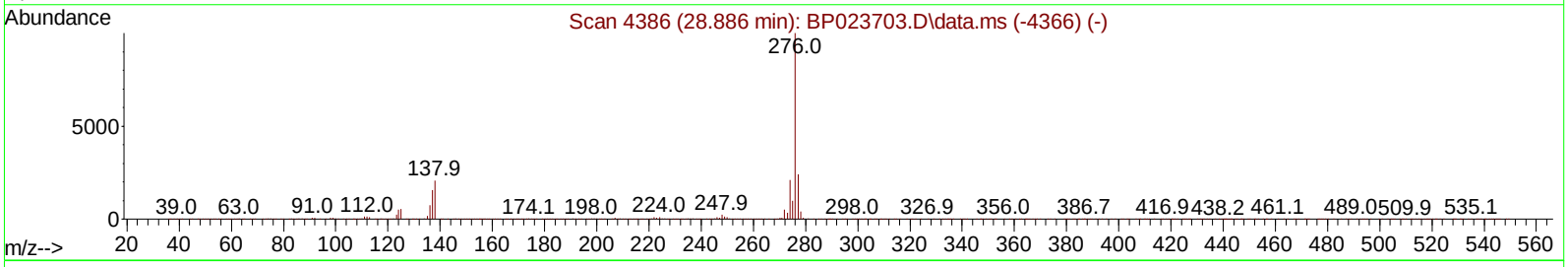

TIC: BP023704.D\data.ms

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

28.892min (+ 0.006) 44.34 ng/ul m

response 9798139

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	20.60
277.00	24.00	23.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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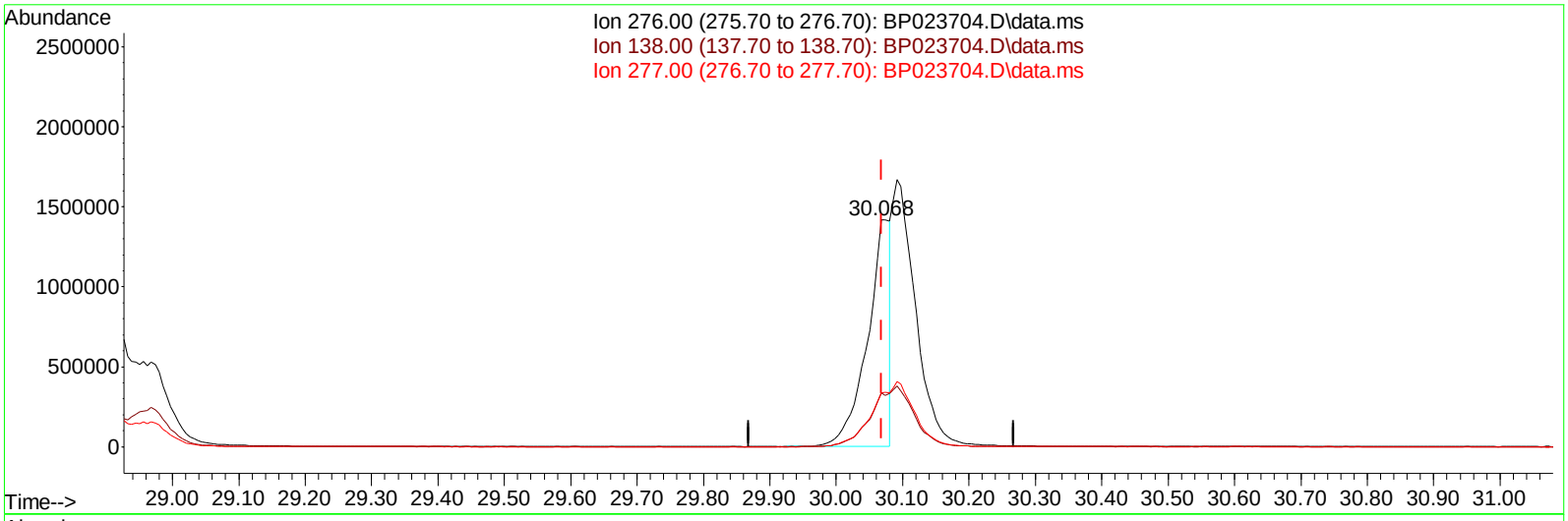

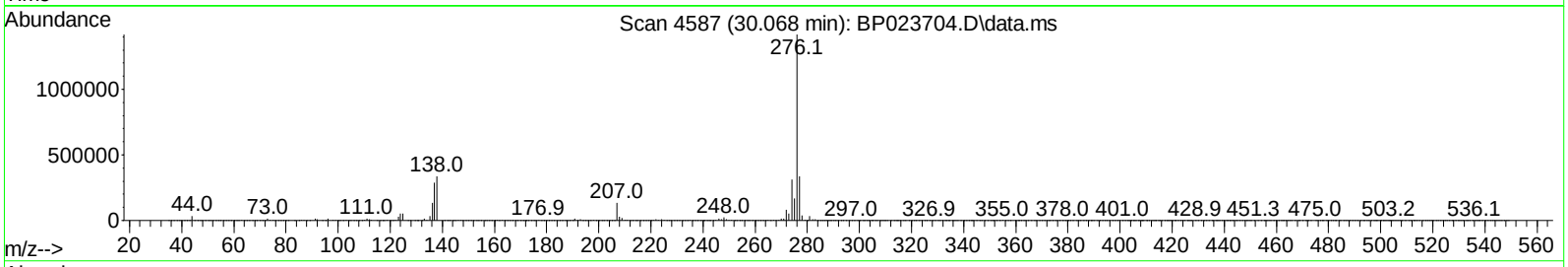

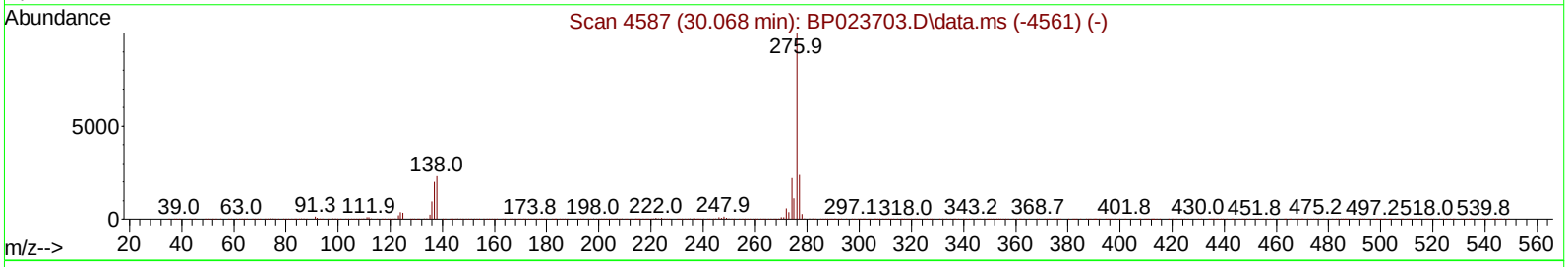

TIC: BP023704.D\data.ms

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

30.068min (+ 0.000) 19.69 ng/ul

response 3350840

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.10	23.86
277.00	23.80	23.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 22 Jan 2025 15:30
Operator : RC/JU
Sample : SSTD04076
Misc :
ALS Vial : 6 Sample Multiplier: 1

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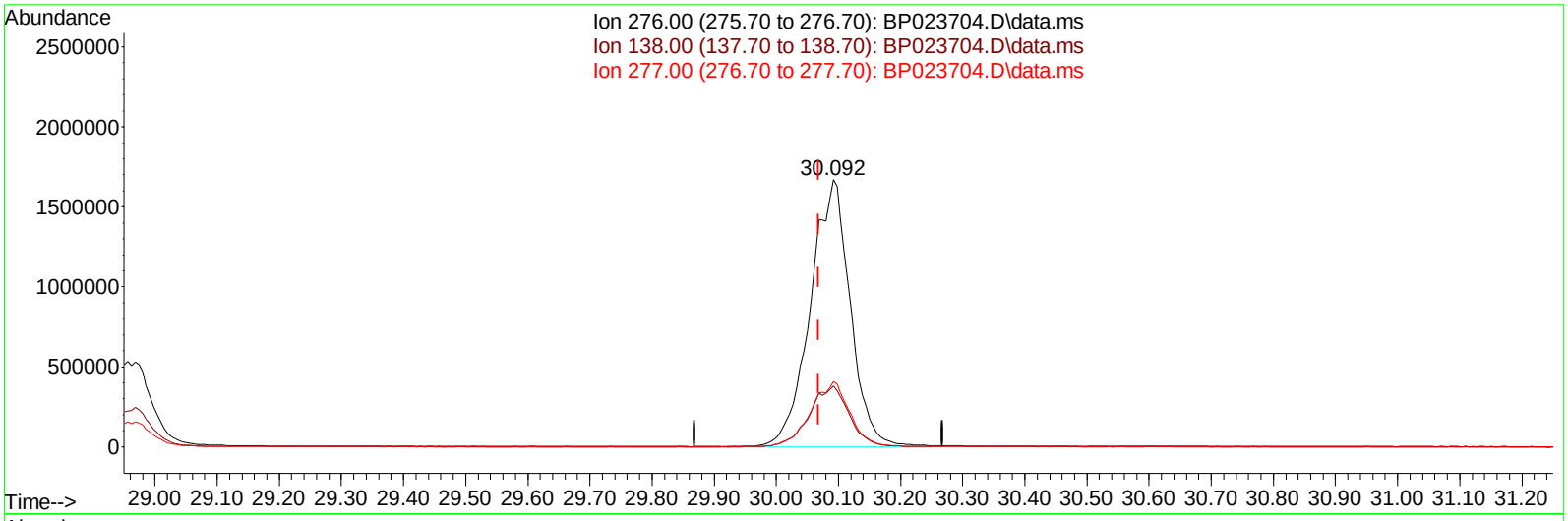

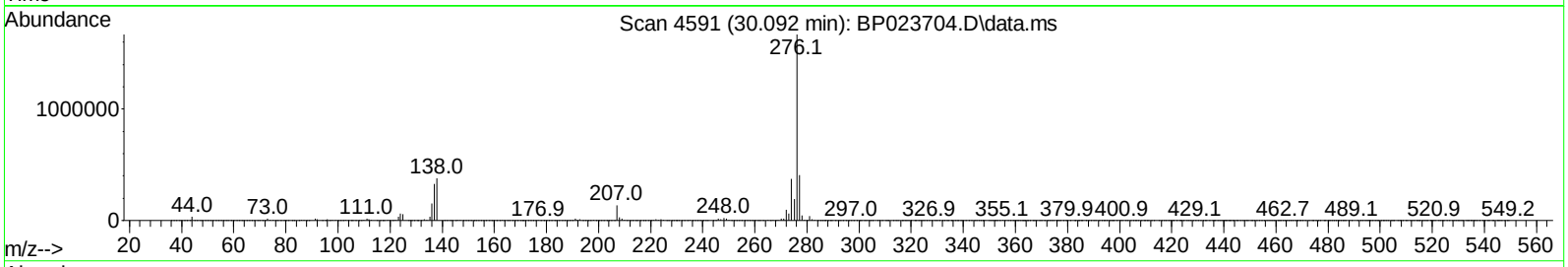

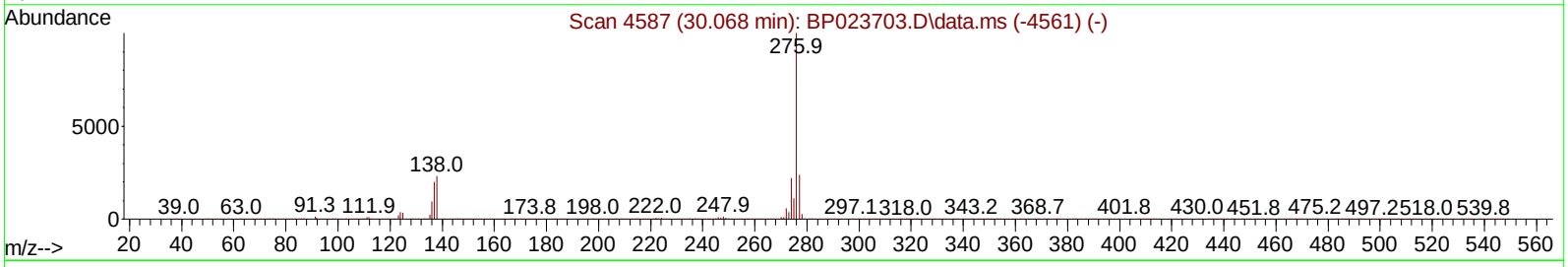

TIC: BP023704.D\data.ms

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

30.092min (+ 0.024) 43.75 ng/ul m

response 7446865

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.10	22.84
277.00	23.80	24.45
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 22 Jan 2025 15:30
Operator : RC/JU
Sample : SSTD04076
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 22 23:50:29 2025
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/23/2025
Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	567923	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	2360204	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1475257	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2974198	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	3177948	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	3184690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	229219	16.256	ng/uL	0.00
4) Pyridine-d5	3.705	84	1690895	41.556	ng/ul	0.00
7) Phenol-d5	6.958	99	2003526	41.692	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	1128632	41.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	1587609	43.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	1584076	41.920	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	771345	43.377	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	751832	46.117	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	1519711	44.348	ng/ul	0.00
31) 4-Chloroaniline-d4	10.699	131	2298709	41.945	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	4460418	42.041	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	5300489	43.167	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	920150	43.163	ng/ul	0.00
60) Fluorene-d10	15.428	176	3887429	42.804	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	622483	42.501	ng/ul	0.00
73) Anthracene-d10	17.316	188	6065078	42.476	ng/ul	0.00
81) Pyrene-d10	19.680	212	7126216	44.068	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.804	264	7069689	44.351	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	237777	15.941	ng/uL	97
5) Pyridine	3.722	79	1705345	41.456	ng/ul	98
6) Benzaldehyde	6.940	77	1114479	46.048	ng/ul	99
8) Phenol	6.987	94	2105392	41.870	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.222	93	1640023	41.924	ng/ul	100
12) 2-Chlorophenol	7.363	128	1650291	42.612	ng/ul	100
13) 2-Methylphenol	8.228	108	1529410	41.913	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	1709162	42.124	ng/ul	99
16) Acetophenone	8.610	105	2568380	42.322	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.599	70	1201295	42.786	ng/ul	98
18) 4-Methylphenol	8.552	108	1694813	41.773	ng/ul	97
19) Hexachloroethane	8.875	117	654370	41.342	ng/ul	96
22) Nitrobenzene	8.981	77	1758166	42.318	ng/ul	99
23) Isophorone	9.510	82	3396068	42.976	ng/ul	99
25) 2-Nitrophenol	9.687	139	869195	45.412	ng/ul	97
26) 2,4-Dimethylphenol	9.752	107	1679849	42.345	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.987	93	2125827	41.516	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	1535551	43.344	ng/ul	99
30) Naphthalene	10.622	128	5262056	41.428	ng/ul	99
32) 4-Chloroaniline	10.722	127	2210589	42.252	ng/ul	99
33) Hexachlorobutadiene	10.916	225	918808	41.202	ng/ul	99
34) Caprolactam	11.487	113	560520	43.716	ng/ul	98
35) 4-Chloro-3-methylphenol	11.846	107	1627002	44.334	ng/ul	99

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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.234	142	3593466	41.896	ng/ul	100
37) 1-Methylnaphthalene	12.451	142	3618398	42.202	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.604	216	1850991	42.241	ng/ul	99
40) Hexachlorocyclopentadiene	12.593	237	938512	42.035	ng/ul	98
41) 2,4,6-Trichlorophenol	12.840	196	1153230	44.763	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	1261360	44.327	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	4643188	41.830	ng/ul	100
44) 2-Chloronaphthalene	13.287	162	3614784	41.827	ng/ul	99
45) 2-Nitroaniline	13.481	65	937376	45.672	ng/ul	95
47) Dimethylphthalate	13.875	163	4506352	42.309	ng/ul	100
48) 2,6-Dinitrotoluene	13.981	165	873716	45.990	ng/ul	99
50) Acenaphthylene	14.140	152	5653129	42.462	ng/ul	100
51) 3-Nitroaniline	14.310	138	982058	44.295	ng/ul	96
52) Acenaphthene	14.487	153	3900432	41.435	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	376798	40.400	ng/ul	99
55) 4-Nitrophenol	14.622	109	672995	43.018	ng/ul	96
56) Dibenzofuran	14.822	168	5386516	41.603	ng/ul	99
57) 2,4-Dinitrotoluene	14.775	165	1319461	46.423	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.051	232	1048176	44.852	ng/ul	98
59) Diethylphthalate	15.257	149	4529122	43.234	ng/ul	99
61) Fluorene	15.481	166	4539221	42.071	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	2226593	42.162	ng/ul	99
63) 4-Nitroaniline	15.492	138	1051323	46.606	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.551	198	708409	43.008	ng/ul#	95
67) N-Nitrosodiphenylamine	15.692	169	3775310	42.263	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	1340026	42.082	ng/ul	100
69) Hexachlorobenzene	16.504	284	1607776	41.491	ng/ul	99
70) Atrazine	16.669	200	1407121	42.705	ng/ul	99
71) Pentachlorophenol	16.845	266	988563	42.234	ng/ul	99
72) Phenanthrene	17.257	178	7015182	41.747	ng/ul	100
74) Anthracene	17.351	178	7085816	42.451	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	1789302	41.468	ng/uL	98
76) Pentachlorobenzene	14.745	250	1899410	41.439	ng/uL	100
77) Carbazole	17.622	167	6605913	45.085	ng/ul	100
78) Di-n-butylphthalate	18.228	149	7690408	46.098	ng/ul	99
80) Fluoranthene	19.333	202	8158377	44.371	ng/ul	99
82) Pyrene	19.710	202	8753790	43.834	ng/ul	97
83) Butylbenzylphthalate	20.663	149	3350109	46.515	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.557	252	2453551	43.747	ng/ul	99
85) Benzo(a)anthracene	21.633	228	8533323	42.355	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	4972978	46.302	ng/ul	99
87) Chrysene	21.704	228	7944395	42.119	ng/ul	99
89) Di-n-octyl phthalate	22.886	149	7465341	46.792	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	8259489	43.657	ng/ul	99
91) Benzo(k)fluoranthene	24.033	252	8470976	43.434	ng/ul	99
93) Benzo(a)pyrene	24.868	252	7858680	44.135	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.892	276	9798139m	44.342	ng/ul	
95) Dibenzo(a,h)anthracene	28.968	278	8003634	44.620	ng/ul	100
96) Benzo(g,h,i)perylene	30.092	276	7446865m	43.751	ng/ul	

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

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ClientSampleId :
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