Quantitation Report (Qedit)

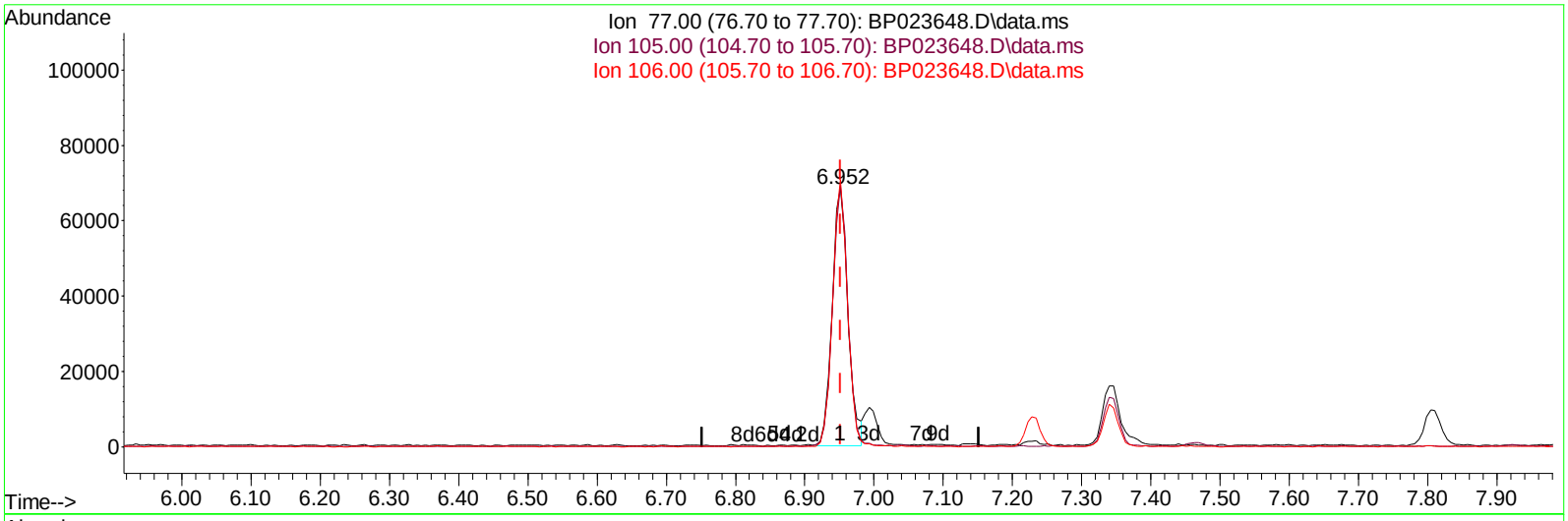
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011725\
Data File : BP023648.D
Acq On : 18 Jan 2025 04:52
Operator : RC/JU
Sample : PB166106BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

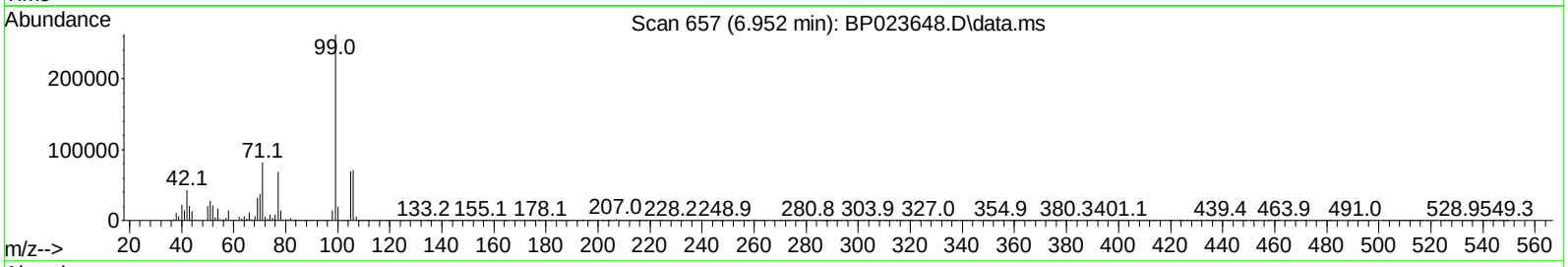
Quant Time: Jan 18 05:42:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 16:27:27 2025
Response via : Initial Calibration

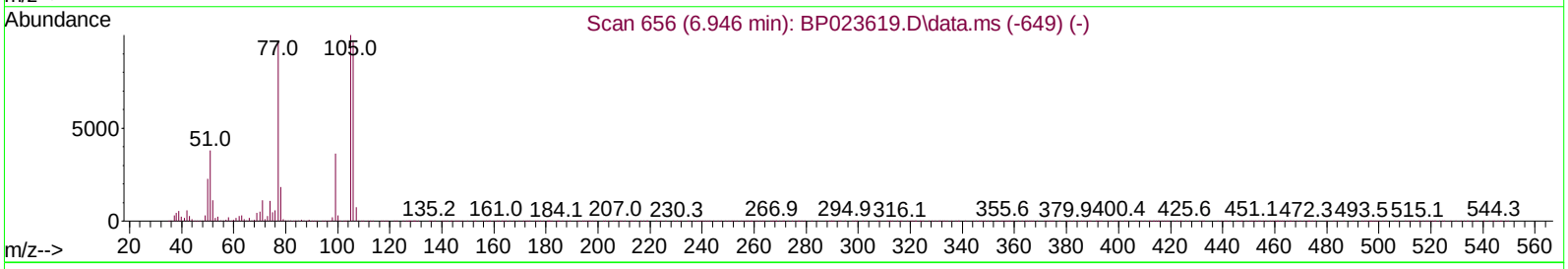
Instrument :
BNA_P
ClientSampleId :
SLCS106

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025







TIC: BP023648.D\data.ms

(6) Benzaldehyde

6.952min (-0.000) 4.97 ng/ul

response 107705

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	101.14
106.00	100.60	103.18
0.00	0.00	0.00

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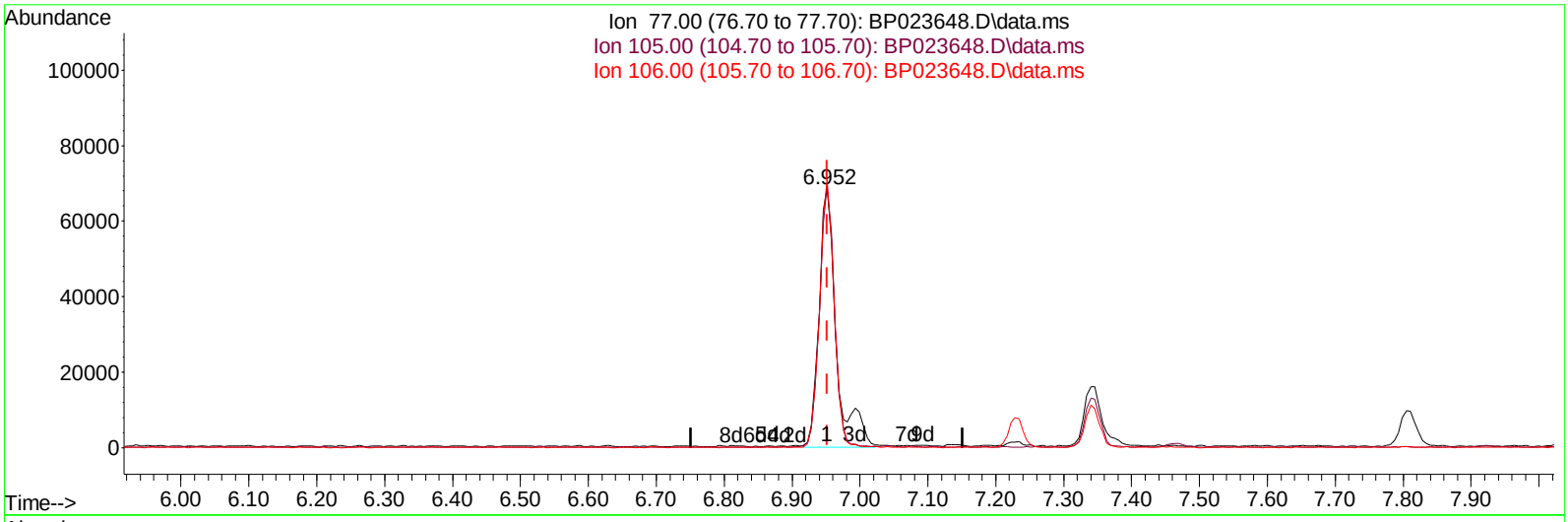

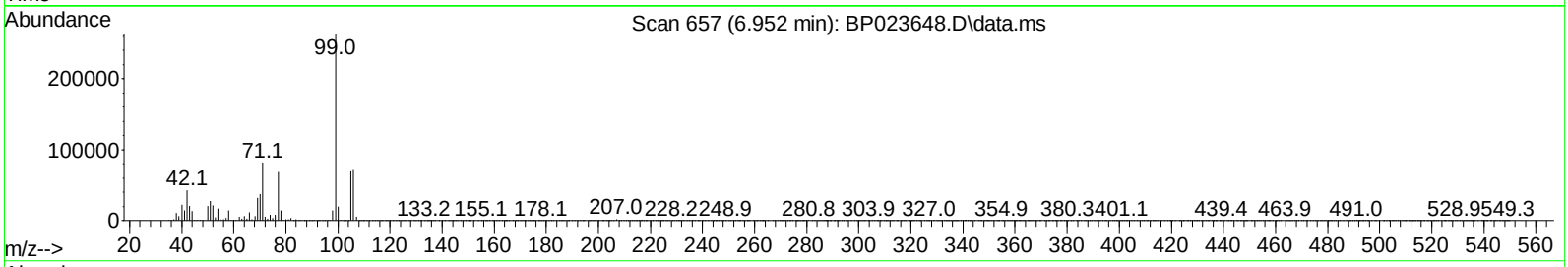

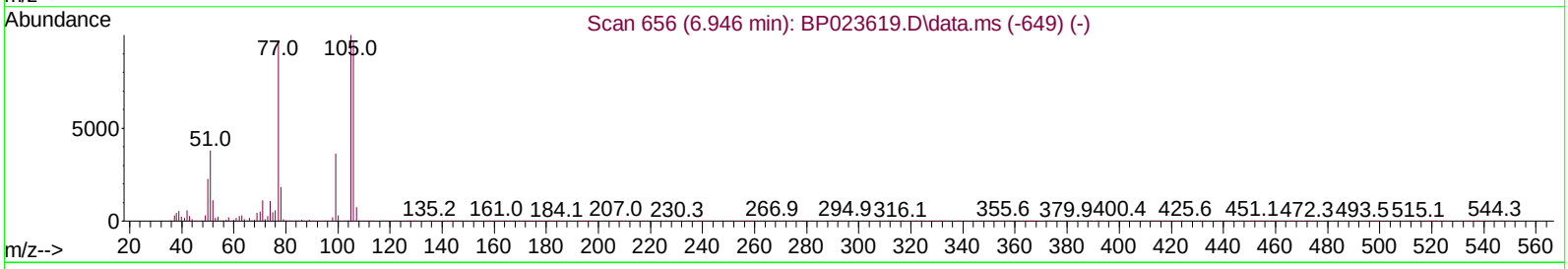

TIC: BP023648.D\data.ms

(6) Benzaldehyde

6.952min (-0.000) 5.61 ng/ul m

response 121704

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	101.14
106.00	100.60	103.18
0.00	0.00	0.00

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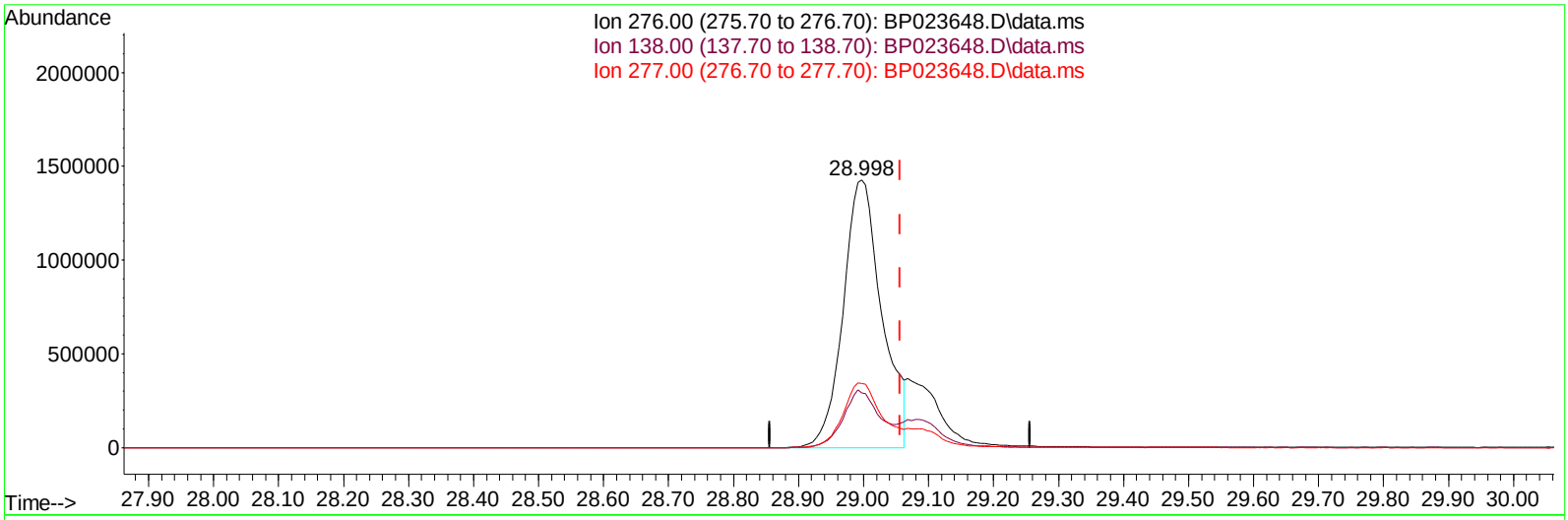

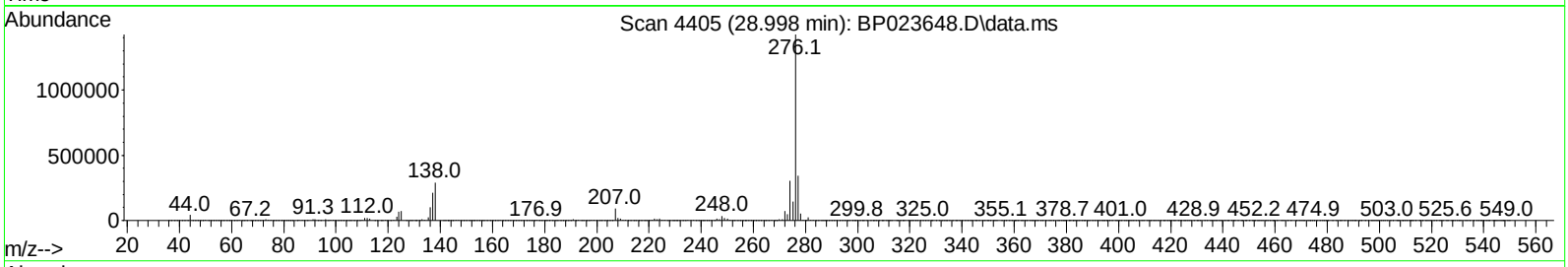

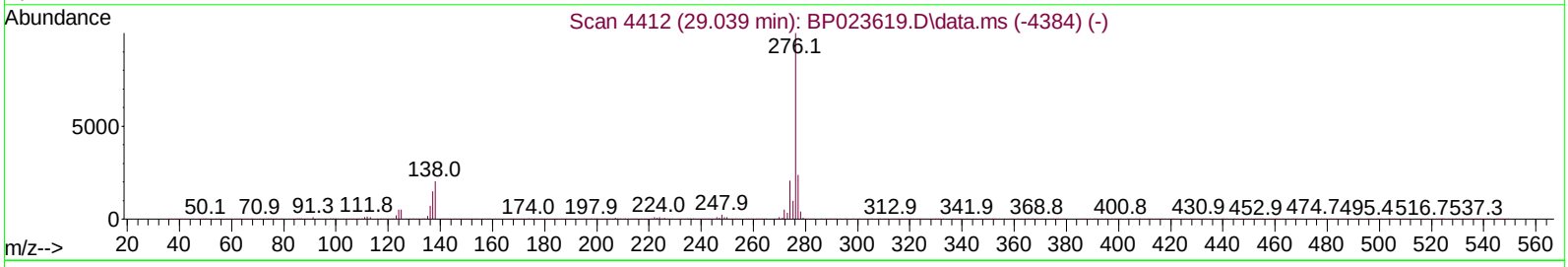

TIC: BP023648.D\data.ms

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

28.998min (-0.059) 29.23 ng/ul

response 5900845

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.36
277.00	24.20	24.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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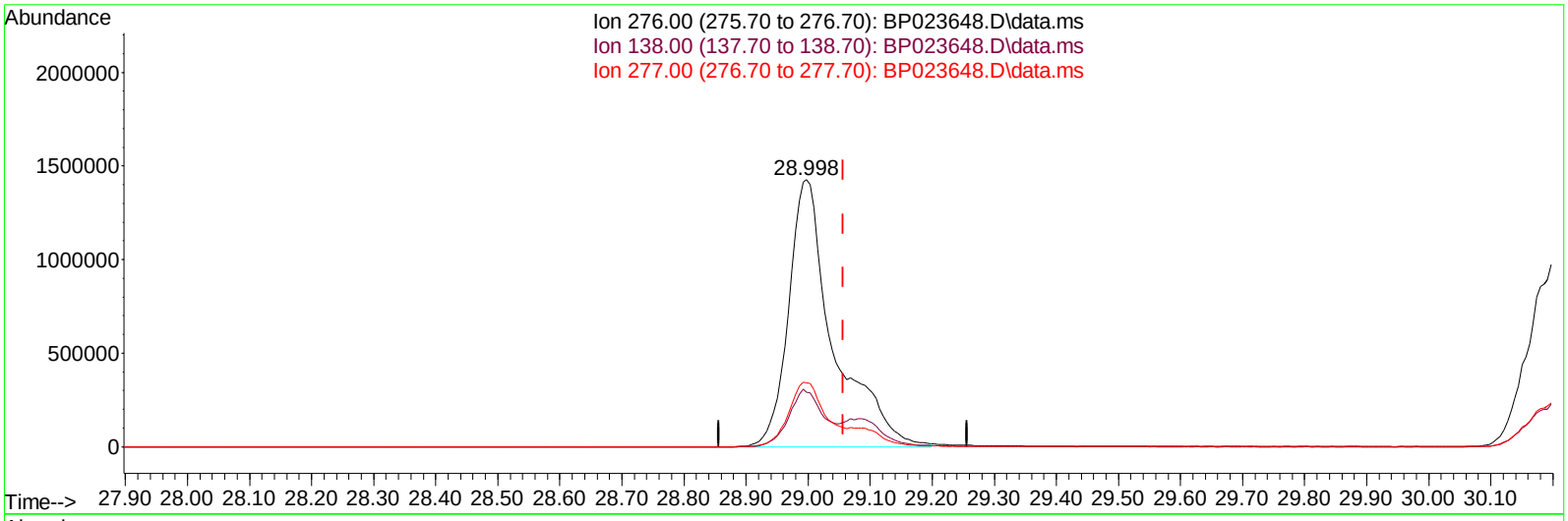

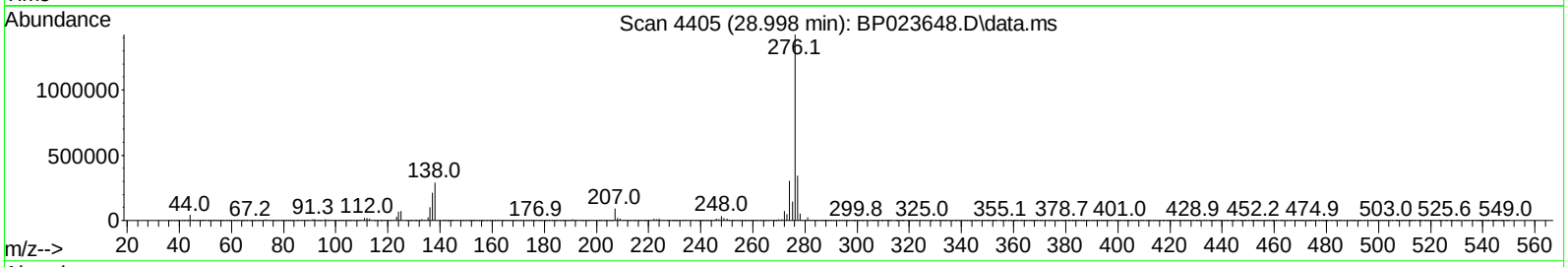

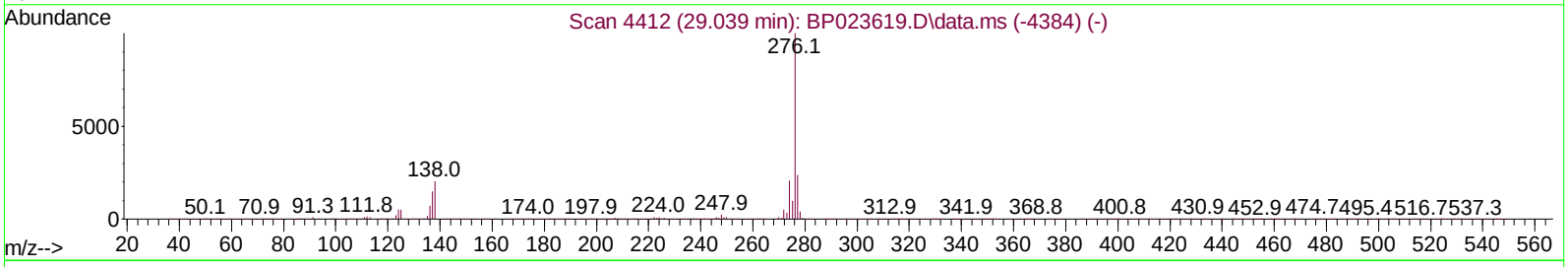

TIC: BP023648.D\data.ms

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

28.998min (-0.059) 35.54 ng/ul m

response 7173696

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.36
277.00	24.20	24.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	466025	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1889268	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1207086	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2423611	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	2750319	20.000	ng/ul	-0.02
88) Perylene-d12	25.098	264	2744740	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	83388	6.598	ng/uL	0.00
4) Pyridine-d5	3.722	84	1215571	34.499	ng/ul	0.00
7) Phenol-d5	6.969	99	1462937	36.463	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	775897	33.012	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	1166658	36.820	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	1144791	36.786	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	510209	35.381	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	439765	46.461	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	1082455	37.598	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	1409991	30.677	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	3074683	32.730	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	3630581	32.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	599530	38.394	ng/ul	0.00
60) Fluorene-d10	15.439	176	2660070	32.719	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	319235	40.482	ng/ul	0.00
73) Anthracene-d10	17.339	188	4240832	32.415	ng/ul	0.00
81) Pyrene-d10	19.704	212	4968910	32.612	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.868	264	5302867	35.551	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	171498	12.822	ng/uL	97
5) Pyridine	3.740	79	1226307	34.506	ng/ul	98
6) Benzaldehyde	6.952	77	121704m	5.614	ng/ul	
8) Phenol	6.993	94	1557881	36.427	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.228	93	1125333	33.264	ng/ul	99
12) 2-Chlorophenol	7.375	128	1217289	35.890	ng/ul	98
13) 2-Methylphenol	8.234	108	1115956	35.750	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.322	45	1161252	33.136	ng/ul	99
16) Acetophenone	8.616	105	1695449	31.805	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.604	70	797151	30.765	ng/ul	97
18) 4-Methylphenol	8.557	108	1232550	35.921	ng/ul	100
19) Hexachloroethane	8.887	117	462263	33.956	ng/ul	98
22) Nitrobenzene	8.987	77	1174871	33.477	ng/ul	99
23) Isophorone	9.510	82	2295901	32.210	ng/ul	100
25) 2-Nitrophenol	9.699	139	531357	42.803	ng/ul	98
26) 2,4-Dimethylphenol	9.752	107	1227785	35.749	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	1426104	31.883	ng/ul	100
29) 2,4-Dichlorophenol	10.228	162	1090281	36.580	ng/ul	98
30) Naphthalene	10.634	128	3554423	31.761	ng/ul	99
32) 4-Chloroaniline	10.728	127	770018	17.507	ng/ul	100
33) Hexachlorobutadiene	10.928	225	632519	32.009	ng/ul	98
34) Caprolactam	11.481	113	364553	33.485	ng/ul	98
35) 4-Chloro-3-methylphenol	11.845	107	1145442	37.707	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	2407306	31.825	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	2431997	32.371	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	1239772	31.127	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	511894	33.293	ng/ul	100
41) 2,4,6-Trichlorophenol	12.840	196	788562	38.033	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	884070	38.342	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	3115122	31.186	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	2449180	31.477	ng/ul	99
45) 2-Nitroaniline	13.487	65	608279	39.522	ng/ul	98
47) Dimethylphthalate	13.881	163	3075747	32.590	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	573083	39.528	ng/ul	92
50) Acenaphthylene	14.145	152	3844245	31.746	ng/ul	100
51) 3-Nitroaniline	14.328	138	638247	37.409	ng/ul	93
52) Acenaphthene	14.492	153	2694029	31.760	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	183503	39.995	ng/ul	94
55) 4-Nitrophenol	14.628	109	465972	38.445	ng/ul	97
56) Dibenzofuran	14.834	168	3716264	32.185	ng/ul	99
57) 2,4-Dinitrotoluene	14.787	165	869838	39.709	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.063	232	704779	39.097	ng/ul	98
59) Diethylphthalate	15.275	149	3092201	33.233	ng/ul	100
61) Fluorene	15.498	166	3158651	32.580	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	1527934	32.253	ng/ul	99
63) 4-Nitroaniline	15.504	138	792240	44.202	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.569	198	380824	40.579	ng/ul	97
67) N-Nitrosodiphenylamine	15.710	169	2653817	32.702	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	923152	31.954	ng/ul	98
69) Hexachlorobenzene	16.528	284	1116290	31.514	ng/ul	99
70) Atrazine	16.692	200	894179	31.740	ng/ul	100
71) Pentachlorophenol	16.875	266	650150	37.643	ng/ul	98
72) Phenanthrene	17.281	178	4922841	32.397	ng/ul	99
74) Anthracene	17.375	178	4967693	32.583	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	1206522	30.419	ng/uL	100
76) Pentachlorobenzene	14.757	250	1252783	29.816	ng/uL	100
77) Carbazole	17.639	167	4679997	36.959	ng/ul	100
78) Di-n-butylphthalate	18.251	149	5282178	35.918	ng/ul	100
80) Fluoranthene	19.357	202	5795723	33.255	ng/ul	99
82) Pyrene	19.733	202	6204035	32.672	ng/ul	99
83) Butylbenzylphthalate	20.692	149	2206406	44.228	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.574	252	1744403	37.389	ng/ul	99
85) Benzo(a)anthracene	21.669	228	6357609	32.513	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.627	149	3462033	40.678	ng/ul	99
87) Chrysene	21.733	228	5961038	32.739	ng/ul	99
89) Di-n-octyl phthalate	22.945	149	5160257	44.666	ng/ul	100
90) Benzo(b)fluoranthene	24.027	252	6079627	35.255	ng/ul	99
91) Benzo(k)fluoranthene	24.098	252	6476233	34.271	ng/ul	100
93) Benzo(a)pyrene	24.945	252	5857792	34.529	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.998	276	7173696m	35.540	ng/ul	
95) Dibenzo(a,h)anthracene	29.092	278	5791565	35.403	ng/ul	99
96) Benzo(g,h,i)perylene	30.209	276	5459716	34.480	ng/ul	98

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

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