Quantitation Report (Qedit)

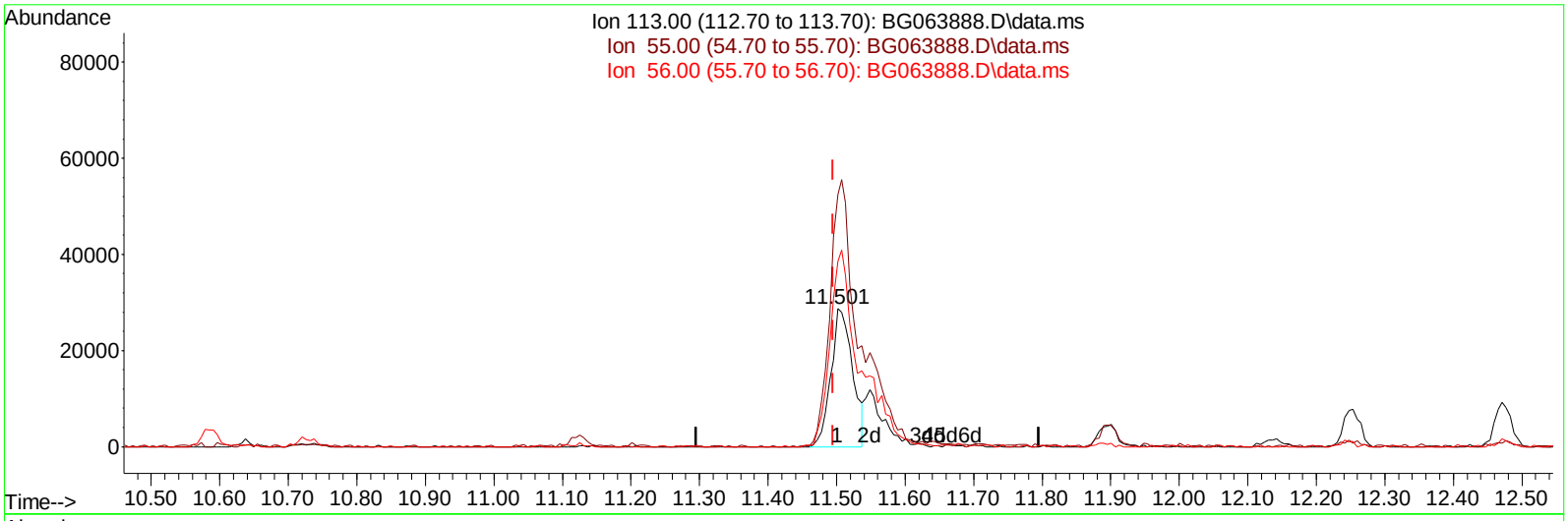
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063888.D
Acq On : 28 Dec 2024 4:04
Operator : RC/JU
Sample : P5325-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

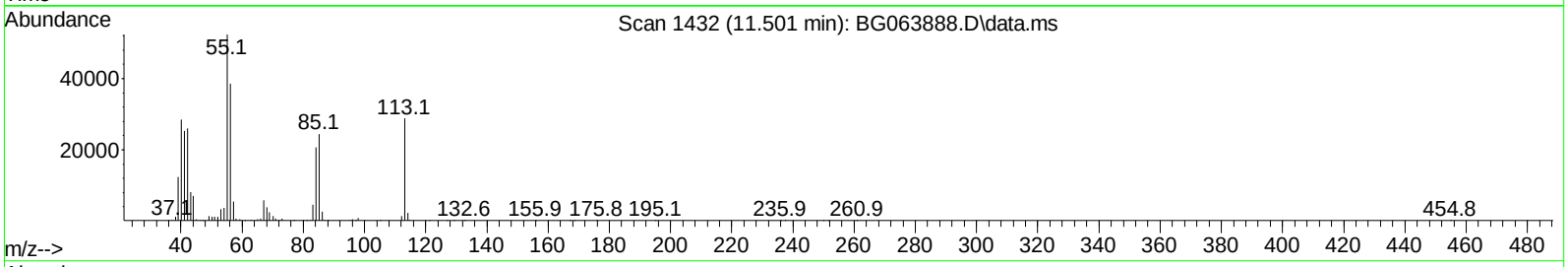
Quant Time: Dec 28 05:32:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

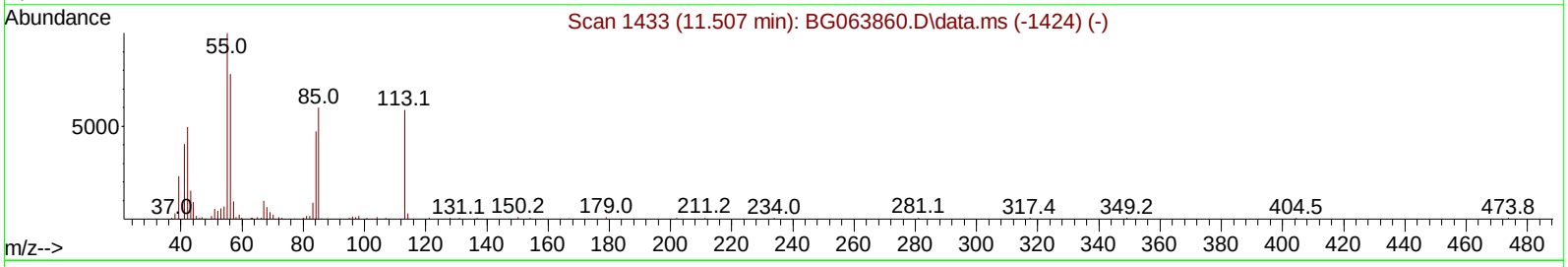
Instrument :
BNA_G
ClientSampleId :
YE680MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063888.D\data.ms

(34) Caprolactam

11.501min (+ 0.006) 25.64 ng/ul

response 63246

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	181.89
56.00	133.90	133.94
0.00	0.00	0.00

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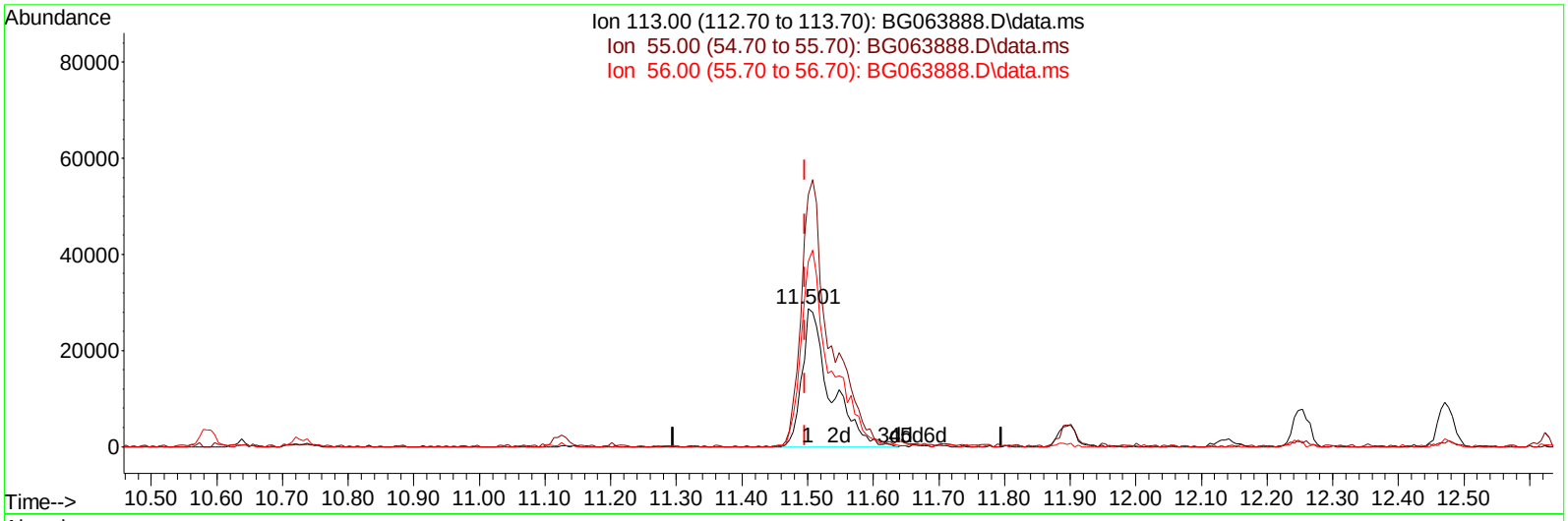

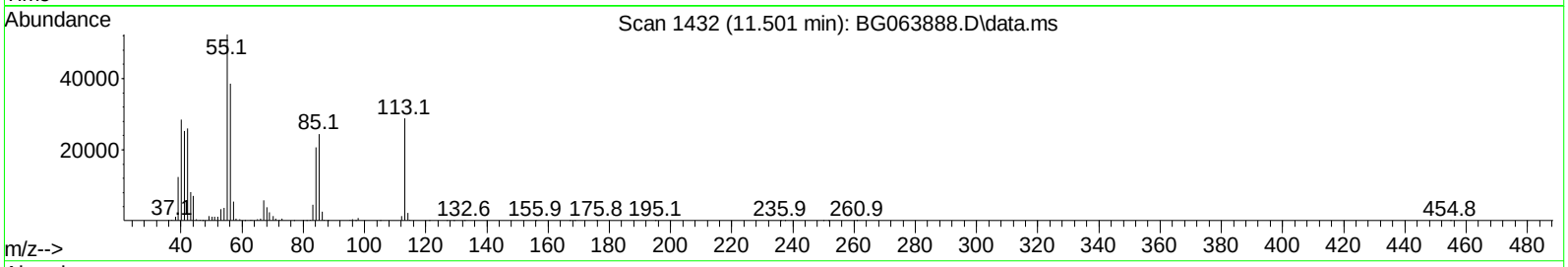

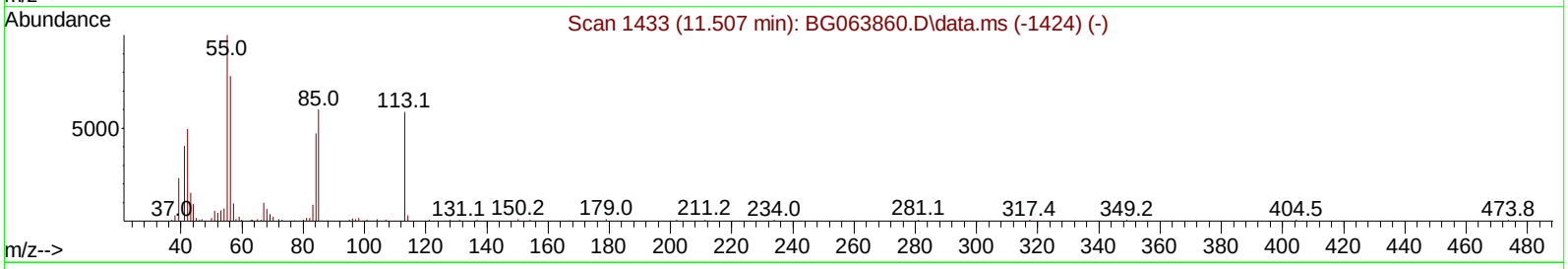

TIC: BG063888.D\data.ms

(34) Caprolactam

11.501min (+ 0.006) 34.76 ng/ul m

response 85738

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	181.89
56.00	133.90	133.94
0.00	0.00	0.00

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Acq On : 28 Dec 2024 4:04
Operator : RC/JU
Sample : P5325-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 28 05:36:32 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
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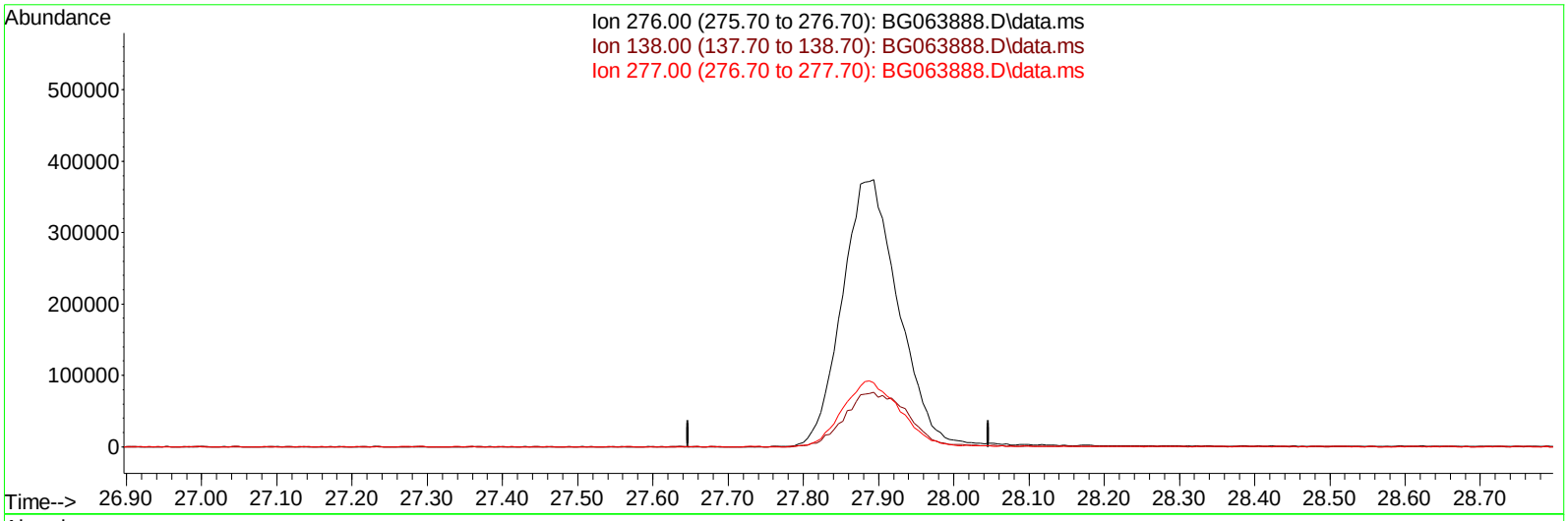

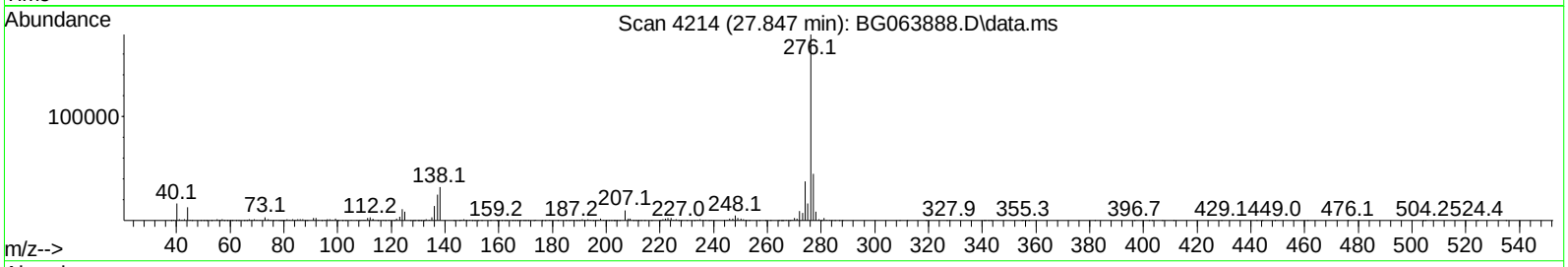

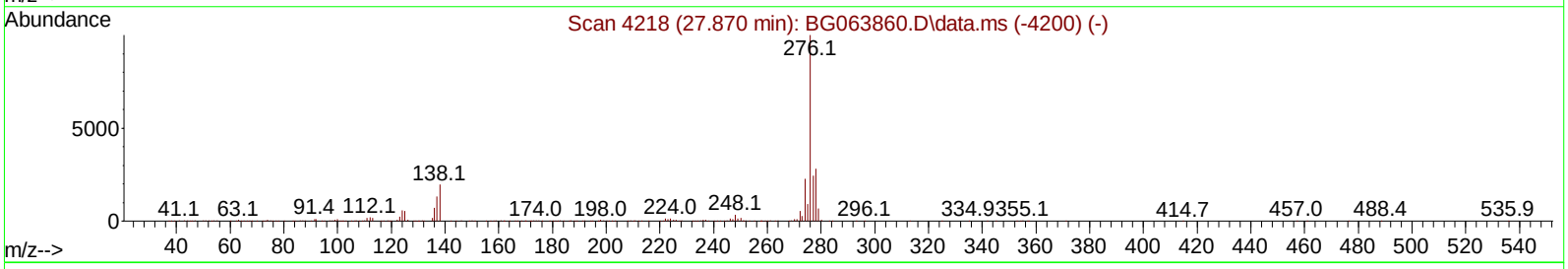

TIC: BG063888.D\data.ms

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

27.847min (-27.847) 0.00 ng/ul

response 0

Ion	Exp%	Act%
276.00	100.00	0.00
138.00	17.10	0.00#
277.00	23.00	0.00#
0.00	0.00	0.00

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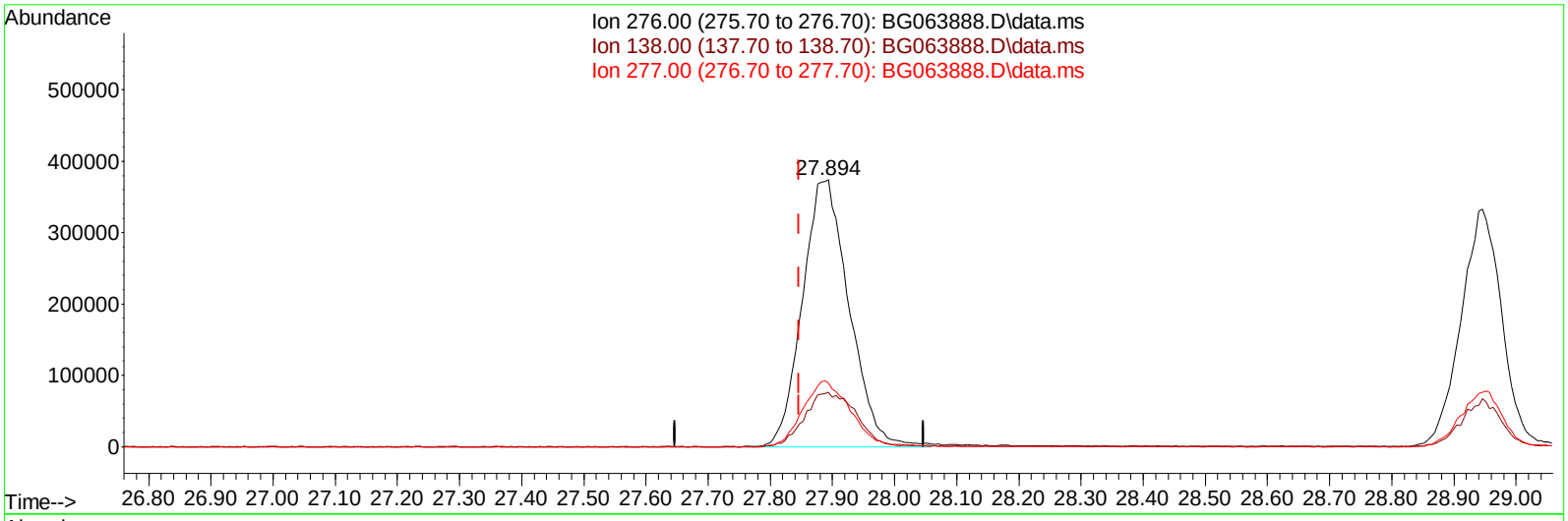

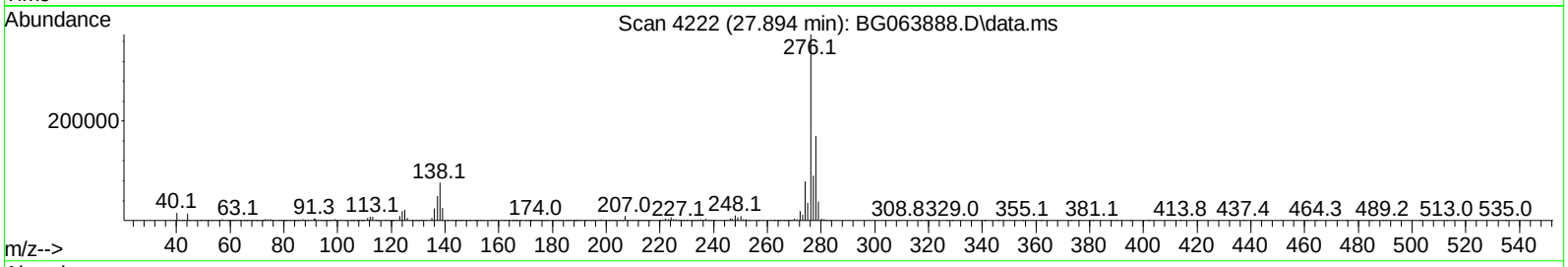

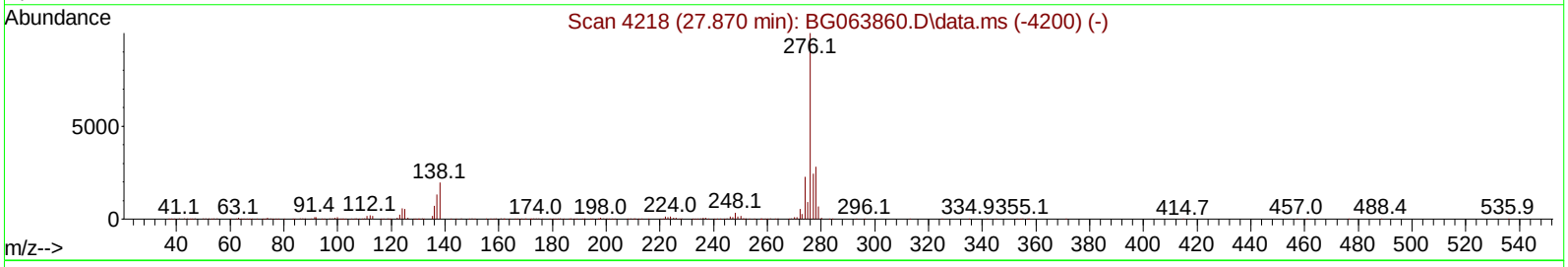

TIC: BG063888.D\data.ms

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

27.894min (+ 0.047) 36.42 ng/ul m

response 1954375

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	20.37
277.00	23.00	23.97
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	111790	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	463467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	319894	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	732375	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	811978	20.000	ng/ul	0.01
88) Perylene-d12	24.469	264	823757	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	14450	5.065	ng/uL	0.00
4) Pyridine-d5	3.669	84	226204	25.137	ng/ul	0.00
7) Phenol-d5	6.983	99	274024	26.615	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	178135	25.051	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	179039	26.860	ng/ul	0.00
15) 4-Methylphenol-d8	8.517	113	215749	26.991	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	96037	29.021	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	112213	30.251	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	207130	28.841	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	243943	26.751	ng/ul	0.00
46) Dimethylphthalate-d6	13.852	166	622147	28.582	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	725386	29.234	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	88511	28.699	ng/ul	0.00
60) Fluorene-d10	15.438	176	552690	28.718	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	89653	23.577	ng/ul	0.01
73) Anthracene-d10	17.295	188	941044	29.886	ng/ul	0.00
81) Pyrene-d10	19.598	212	1130320	26.751	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.269	264	1071662	27.703	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	45800	13.566	ng/uL	93
5) Pyridine	3.687	79	308091	31.963	ng/ul	95
6) Benzaldehyde	6.942	77	68326	10.819	ng/ul	90
8) Phenol	7.013	94	367370	33.480	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.224	93	267688	31.885	ng/ul	96
12) 2-Chlorophenol	7.371	128	232215	34.417	ng/ul	96
13) 2-Methylphenol	8.252	108	258678	32.617	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.317	45	401522	32.216	ng/ul	99
16) Acetophenone	8.617	105	422677	31.175	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.599	70	245670	30.368	ng/ul	93
18) 4-Methylphenol	8.581	108	284201	32.743	ng/ul	98
19) Hexachloroethane	8.869	117	103400	31.189	ng/ul	95
22) Nitrobenzene	8.998	77	361550	32.718	ng/ul	97
23) Isophorone	9.515	82	679819	32.559	ng/ul	98
25) 2-Nitrophenol	9.704	139	136183	35.723	ng/ul	90
26) 2,4-Dimethylphenol	9.774	107	291120	33.653	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.997	93	377343	33.414	ng/ul	96
29) 2,4-Dichlorophenol	10.250	162	249540	34.969	ng/ul	99
30) Naphthalene	10.638	128	778742	33.607	ng/ul	98
32) 4-Chloroaniline	10.749	127	180195	20.769	ng/ul	95
33) Hexachlorobutadiene	10.920	225	177730	30.656	ng/ul	98
34) Caprolactam	11.501	113	85738m	34.757	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	277691	33.146	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.253	142	554410	33.290	ng/ul	99
37) 1-Methylnaphthalene	12.471	142	550197	32.434	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.629	216	337383	32.945	ng/ul	98
40) Hexachlorocyclopentadiene	12.606	237	67366	16.641	ng/ul	95
41) 2,4,6-Trichlorophenol	12.876	196	205953	35.583	ng/ul	96
42) 2,4,5-Trichlorophenol	12.959	196	220693	36.536	ng/ul	99
43) 1,1'-Biphenyl	13.270	154	757069	35.886	ng/ul	97
44) 2-Chloronaphthalene	13.311	162	599016	35.359	ng/ul	97
45) 2-Nitroaniline	13.523	65	209508	36.921	ng/ul	88
47) Dimethylphthalate	13.899	163	758078	34.749	ng/ul	97
48) 2,6-Dinitrotoluene	14.022	165	155567	38.397	ng/ul	96
50) Acenaphthylene	14.163	152	948251	35.640	ng/ul	99
51) 3-Nitroaniline	14.351	138	149871	40.009	ng/ul	88
52) Acenaphthene	14.504	153	673910	35.736	ng/ul	96
53) 2,4-Dinitrophenol	14.580	184	54968	26.548	ng/ul	95
55) 4-Nitrophenol	14.692	109	98350	30.710	ng/ul	91
56) Dibenzofuran	14.845	168	955624	35.944	ng/ul	94
57) 2,4-Dinitrotoluene	14.821	165	232084	38.551	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.080	232	181542	34.866	ng/ul	95
59) Diethylphthalate	15.268	149	746877	35.414	ng/ul	99
61) Fluorene	15.497	166	746208	35.149	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	389216	32.908	ng/ul	99
63) 4-Nitroaniline	15.526	138	164976	43.992	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.591	198	128752	32.867	ng/ul	95
67) N-Nitrosodiphenylamine	15.702	169	645633	36.405	ng/ul	97
68) 4-Bromophenyl-phenylether	16.384	248	259760	34.802	ng/ul	100
69) Hexachlorobenzene	16.507	284	296723	35.483	ng/ul	98
70) Atrazine	16.660	200	271298	36.189	ng/ul	96
71) Pentachlorophenol	16.860	266	121049	34.332	ng/ul	96
72) Phenanthrene	17.236	178	1304358	36.958	ng/ul	98
74) Anthracene	17.330	178	1304603	36.522	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.241	216	337654	34.555	ng/ul	98
76) Pentachlorobenzene	14.768	250	333117	34.412	ng/ul	97
77) Carbazole	17.606	167	1177936	40.737	ng/ul	98
78) Di-n-butylphthalate	18.164	149	1398875	40.059	ng/ul	98
80) Fluoranthene	19.263	202	1628014	33.899	ng/ul	98
82) Pyrene	19.627	202	1739755	34.050	ng/ul#	94
83) Butylbenzylphthalate	20.520	149	666269	42.479	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.355	252	502106	34.255	ng/ul	94
85) Benzo(a)anthracene	21.431	228	1744709	34.286	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.343	149	977888	42.860	ng/ul	98
87) Chrysene	21.496	228	1654264	34.108	ng/ul	97
89) Di-n-octyl phthalate	22.477	149	1628274	45.796	ng/ul	100
90) Benzo(b)fluoranthene	23.517	252	1726059	36.867	ng/ul	98
91) Benzo(k)fluoranthene	23.581	252	1667074	35.696	ng/ul	98
93) Benzo(a)pyrene	24.333	252	1585132	36.070	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.894	276	1954375m	36.416	ng/ul	
95) Dibenzo(a,h)anthracene	27.929	278	1576992	36.723	ng/ul	94
96) Benzo(g,h,i)perylene	28.946	276	1524906	35.807	ng/ul	96

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

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