Quantitation Report (Qedit)

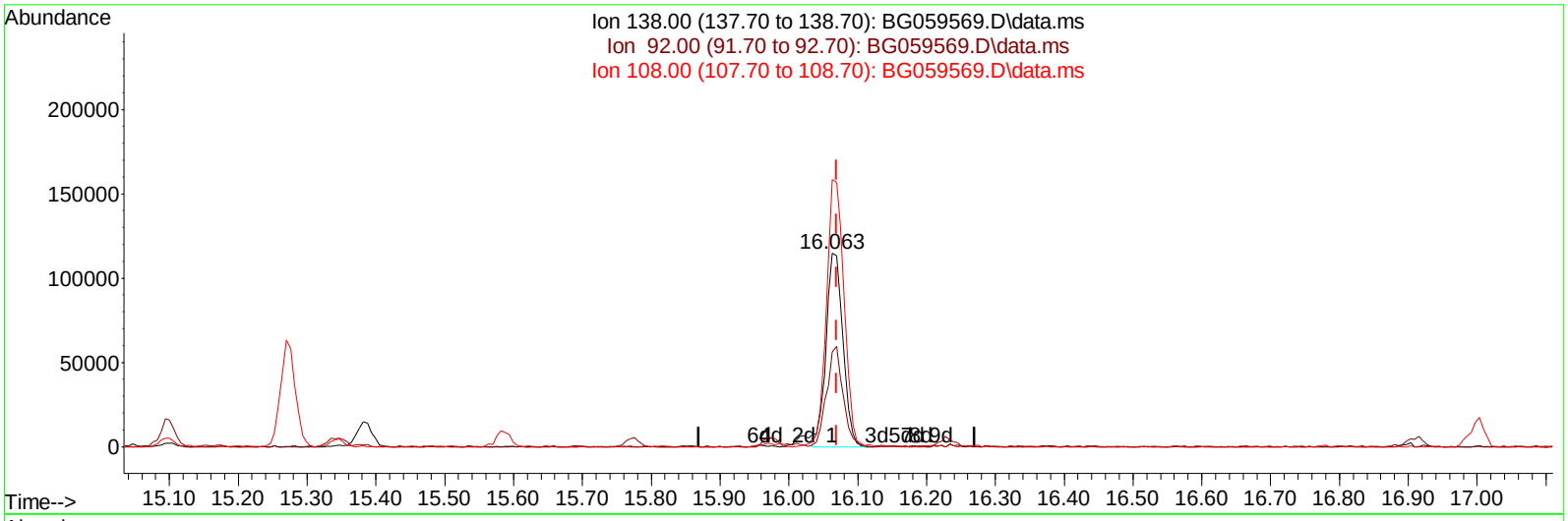
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059569.D
Acq On : 31 Oct 2023 20:33
Operator : MA/JU
Sample : 04950-22MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

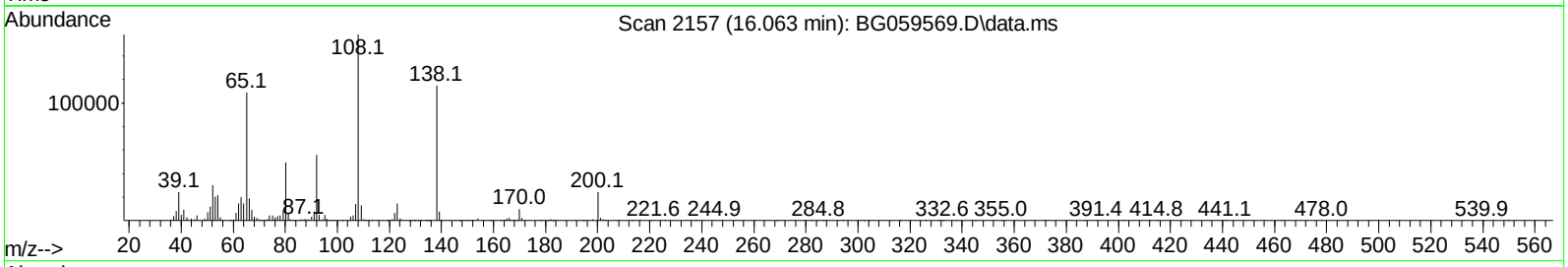
Quant Time: Nov 01 03:20:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

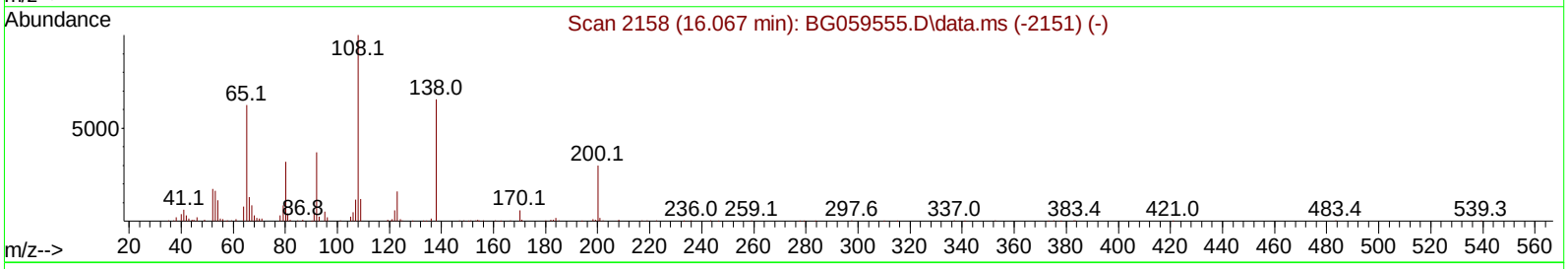
Instrument :
BNA_G
ClientSampleId :
A49M0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059569.D\data.ms

(63) 4-Nitroaniline

16.063min (-0.007) 40.02 ng/ul

response 195582

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	48.89#
108.00	126.10	138.01
0.00	0.00	0.00

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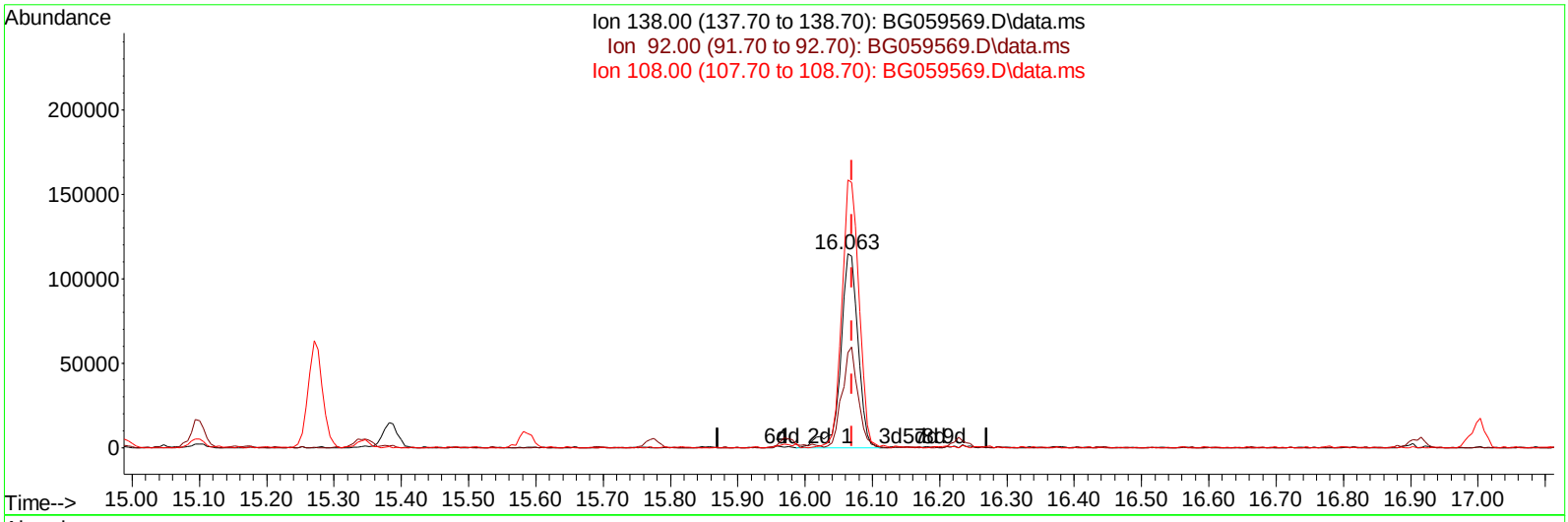

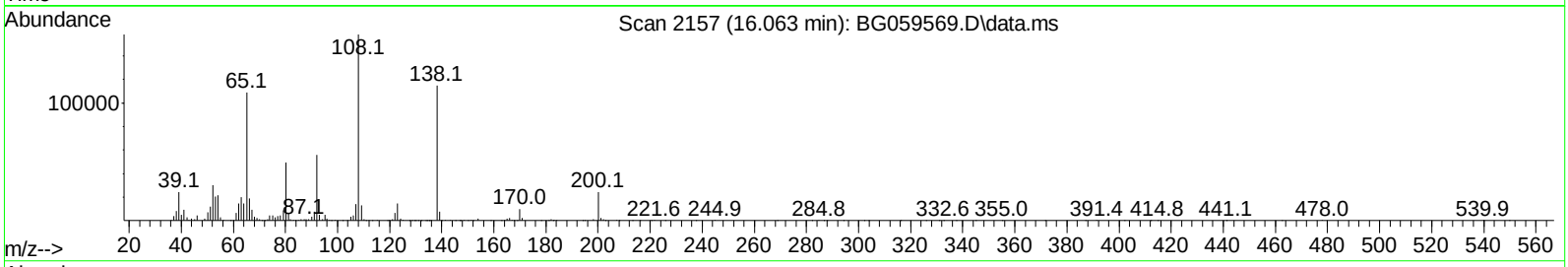

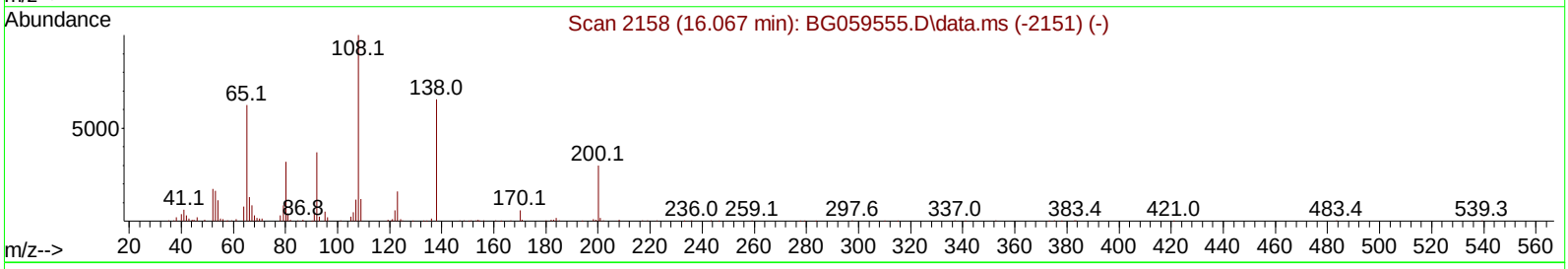

TIC: BG059569.D\data.ms

(63) 4-Nitroaniline

16.063min (-0.007) 42.29 ng/ul m

response 206677

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	48.89#
108.00	126.10	138.01
0.00	0.00	0.00

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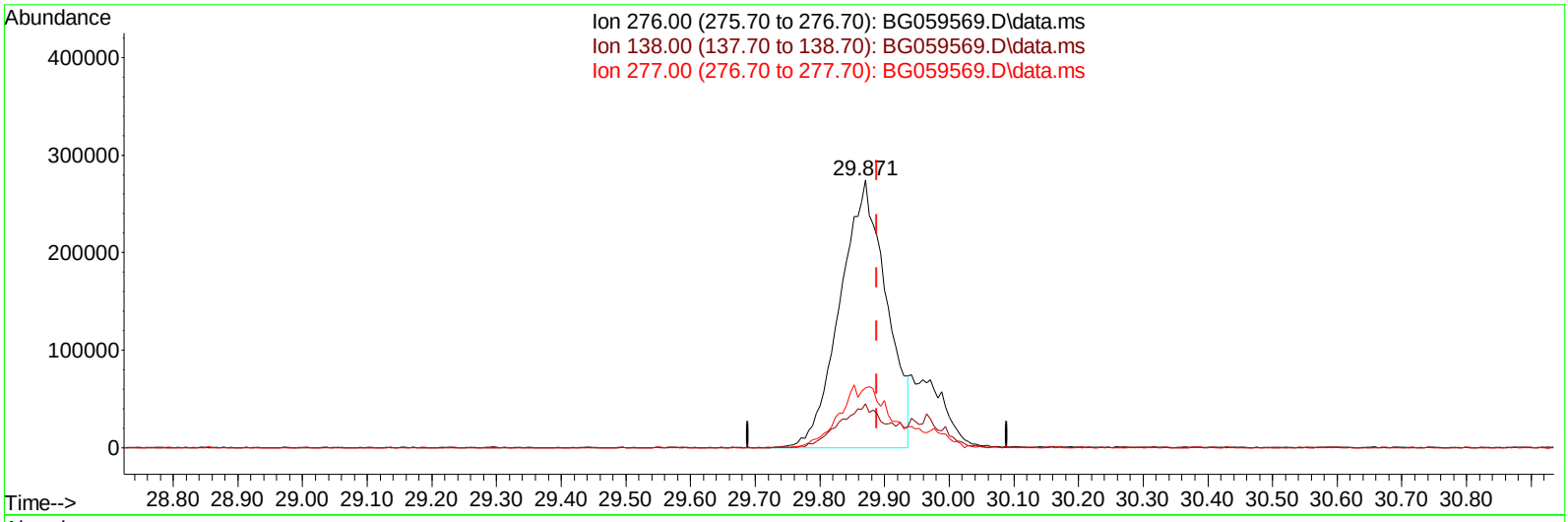

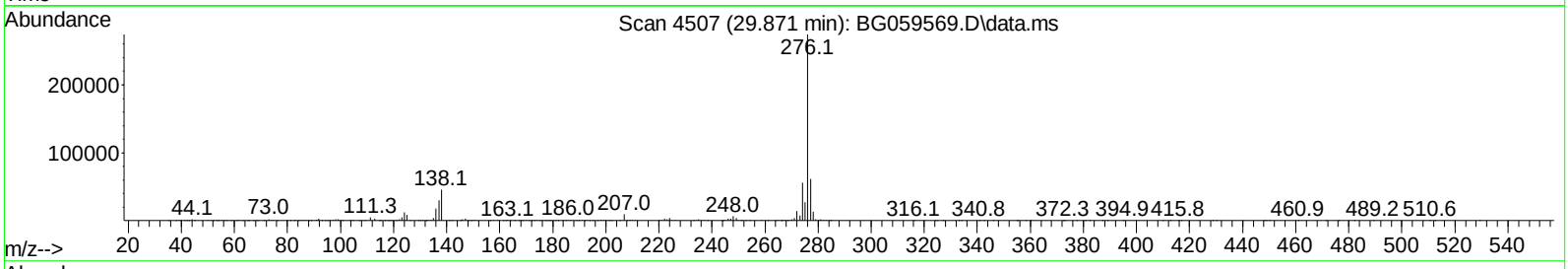

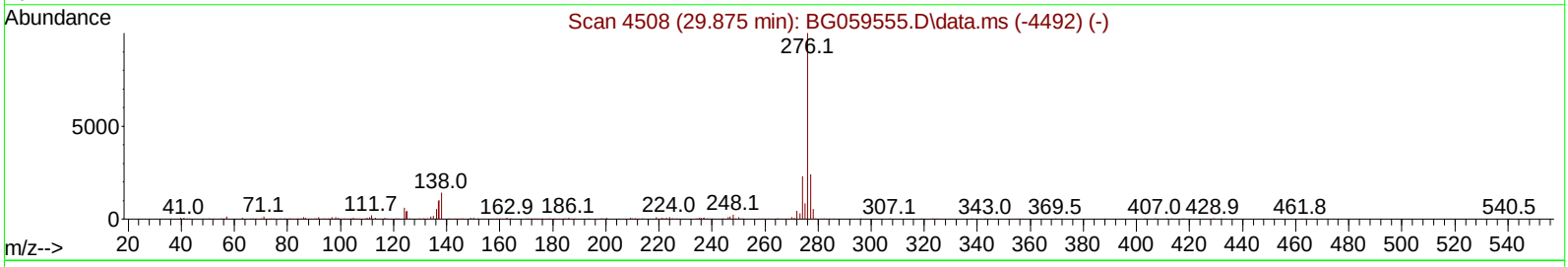

TIC: BG059569.D\data.ms

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

29.871min (-0.018) 31.81 ng/ul

response 1364549

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	16.53
277.00	20.50	22.42
0.00	0.00	0.00

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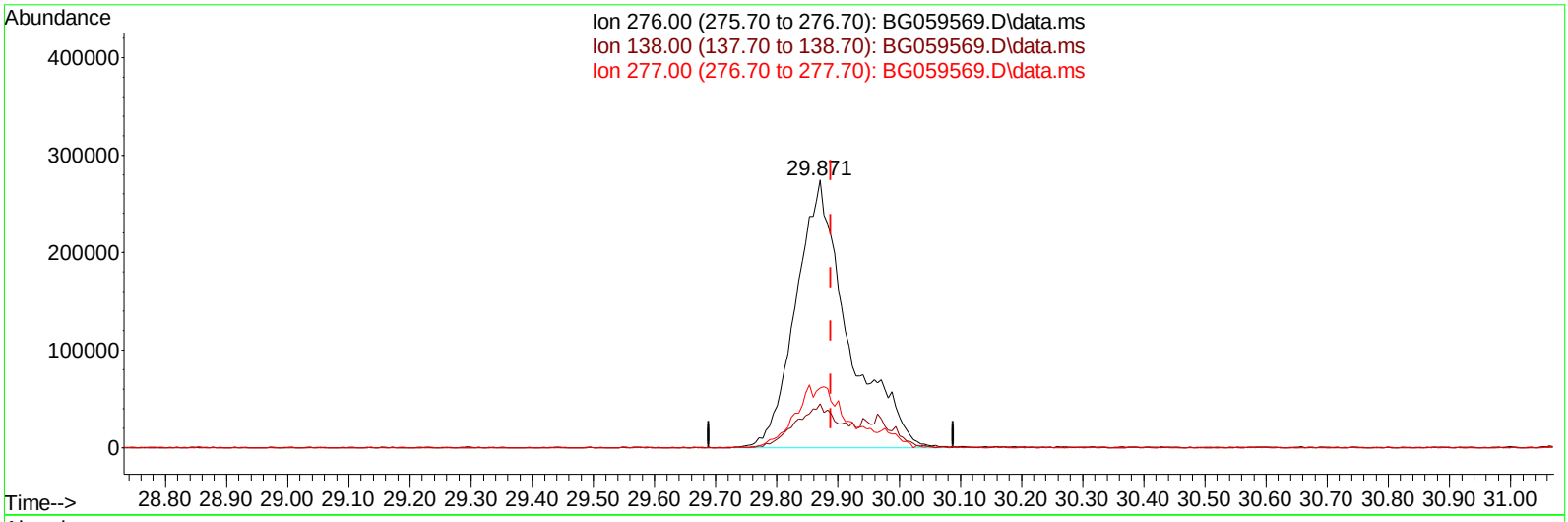

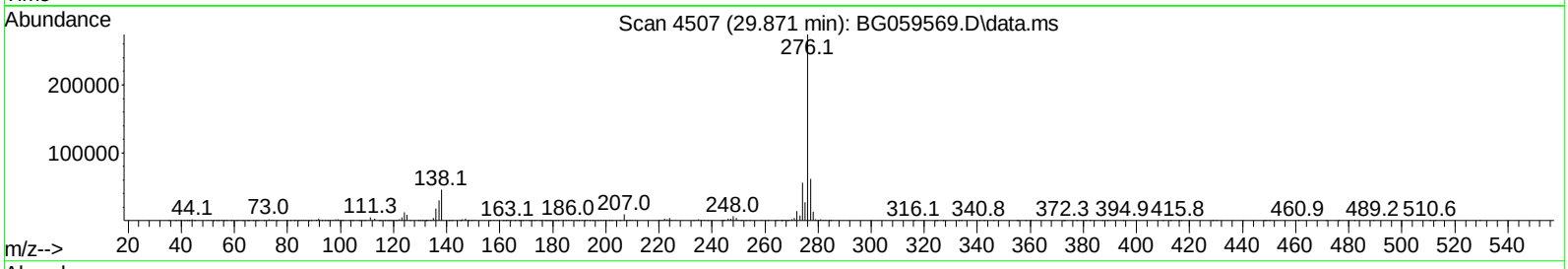

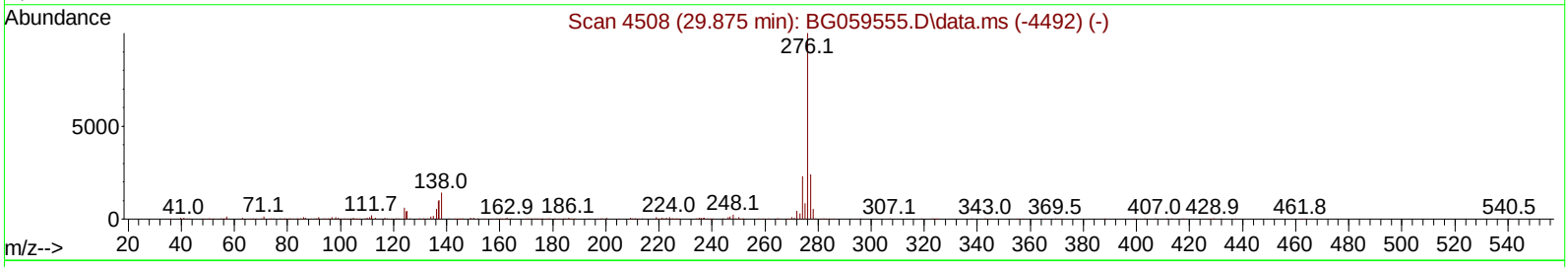

TIC: BG059569.D\data.ms

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

29.871min (-0.018) 37.88 ng/ul m

response 1624774

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	16.53
277.00	20.50	22.42
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	81608	20.000	ng/ul	0.00
20) Naphthalene-d8	11.204	136	446410	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.982	164	273632	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	576840	20.000	ng/ul	0.00
79) Chrysene-d12	22.074	240	455492	20.000	ng/ul	# 0.00
88) Perylene-d12	25.676	264	493914	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.660	96	8241	3.778	ng/uL	0.00
4) Pyridine-d5	4.089	84	45319	7.435	ng/ul	0.00
7) Phenol-d5	7.468	99	44378	5.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	96848	25.143	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	133606	19.638	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	79412	11.936	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	86956	27.395	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	110557	33.928	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.799	165	205125	28.572	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	266474	22.548	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	764202	30.827	ng/ul	-0.01
49) Acenaphthylene-d8	14.688	160	856348	29.435	ng/ul	0.00
54) 4-Nitrophenol-d4	15.153	143	30518	7.179	ng/ul	0.00
60) Fluorene-d10	15.975	176	652598	30.803	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.081	200	116225	42.546	ng/ul	0.00
73) Anthracene-d10	17.838	188	1024236	32.774	ng/ul	0.00
81) Pyrene-d10	20.106	212	1063762	33.599	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.429	264	998281	34.324	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	10490	4.297	ng/uL	96
5) Pyridine	4.113	79	44267	7.363	ng/ul	88
6) Benzaldehyde	7.497	77	110207	29.176	ng/ul	90
8) Phenol	7.497	94	48231	6.101	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.773	93	162717	28.066	ng/ul	94
12) 2-Chlorophenol	7.902	128	142755	21.165	ng/ul	97
13) 2-Methylphenol	8.778	108	109011	16.540	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.872	45	131618	24.124	ng/ul#	89
16) Acetophenone	9.201	105	301959	28.792	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.166	70	131069	26.523	ng/ul#	95
18) 4-Methylphenol	9.107	108	96465	13.756	ng/ul	91
19) Hexachloroethane	9.448	117	62390	23.290	ng/ul	91
22) Nitrobenzene	9.594	77	203905	29.762	ng/ul	91
23) Isophorone	10.111	82	408251	23.662	ng/ul#	90
25) 2-Nitrophenol	10.311	139	129160	36.856	ng/ul#	89
26) 2,4-Dimethylphenol	10.329	107	196768	21.346	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.593	93	286010	29.772	ng/ul	96
29) 2,4-Dichlorophenol	10.828	162	220133	31.693	ng/ul	90
30) Naphthalene	11.257	128	813892	29.252	ng/ul	97
32) 4-Chloroaniline	11.369	127	261671	23.309	ng/ul	93
33) Hexachlorobutadiene	11.486	225	116917	28.059	ng/ul	92
34) Caprolactam	12.150	113	14865	5.850	ng/ul#	67
35) 4-Chloro-3-methylphenol	12.432	107	240442	29.013	ng/ul	92

Quantitation Report (QT Reviewed)

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BNA_G
ClientSampleId :
A49M0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.838	142	582948	30.454 ng/ul	100
37) 1-Methylnaphthalene	13.055	142	585019	30.684 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.178	216	253276	32.092 ng/ul	99
40) Hexachlorocyclopentadiene	13.131	237	123087	26.754 ng/ul#	80
41) 2,4,6-Trichlorophenol	13.413	196	188969	34.578 ng/ul	91
42) 2,4,5-Trichlorophenol	13.484	196	196266	33.173 ng/ul	96
43) 1,1'-Biphenyl	13.825	154	792444	32.013 ng/ul	98
44) 2-Chloronaphthalene	13.878	162	598335	31.100 ng/ul	98
45) 2-Nitroaniline	14.089	65	175983	49.160 ng/ul	94
47) Dimethylphthalate	14.430	163	836195	34.141 ng/ul	97
48) 2,6-Dinitrotoluene	14.571	165	161511	43.715 ng/ul#	71
50) Acenaphthylene	14.718	152	1072393	31.992 ng/ul	99
51) 3-Nitroaniline	14.906	138	187277	40.666 ng/ul#	83
52) Acenaphthene	15.053	153	720435	32.972 ng/ul	99
53) 2,4-Dinitrophenol	15.100	184	86197	41.060 ng/ul#	75
55) 4-Nitrophenol	15.164	109	40251	8.591 ng/ul#	83
56) Dibenzofuran	15.382	168	960675	33.913 ng/ul	95
57) 2,4-Dinitrotoluene	15.341	165	250304	48.163 ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.587	232	178585	38.458 ng/ul#	84
59) Diethylphthalate	15.775	149	941139	35.225 ng/ul	97
61) Fluorene	16.028	166	826395	33.793 ng/ul#	92
62) 4-Chlorophenyl-phenyle...	16.016	204	364523	34.878 ng/ul	93
63) 4-Nitroaniline	16.063	138	206677m	42.288 ng/ul	
66) 4,6-Dinitro-2-methylph...	16.093	198	130324	45.267 ng/ul#	70
67) N-Nitrosodiphenylamine	16.228	169	704247	35.730 ng/ul	98
68) 4-Bromophenyl-phenylether	16.909	248	218596	37.870 ng/ul	95
69) Hexachlorobenzene	17.003	284	256557	38.458 ng/ul	94
70) Atrazine	17.168	200	195696	32.041 ng/ul#	87
71) Pentachlorophenol	17.350	266	154340	40.498 ng/ul	93
72) Phenanthrene	17.779	178	1351761	36.047 ng/ul	97
74) Anthracene	17.873	178	1337635	35.327 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.778	216	255100	33.209 ng/uL	89
76) Pentachlorobenzene	15.270	250	253494	34.776 ng/uL	98
77) Carbazole	18.143	167	1253425	38.535 ng/ul	96
78) Di-n-butylphthalate	18.654	149	1612508	36.080 ng/ul	99
80) Fluoranthene	19.771	202	1405766	36.425 ng/ul	99
82) Pyrene	20.135	202	1456497	36.332 ng/ul#	96
83) Butylbenzylphthalate	21.005	149	707287	39.067 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.956	252	301714	25.472 ng/ul	99
85) Benzo(a)anthracene	22.050	228	1362437	36.347 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.898	149	1016627	37.633 ng/ul#	99
87) Chrysene	22.127	228	1258293	36.087 ng/ul	96
89) Di-n-octyl phthalate	23.249	149	1780808	41.181 ng/ul	100
90) Benzo(b)fluoranthene	24.518	252	1341112	37.459 ng/ul#	94
91) Benzo(k)fluoranthene	24.589	252	1370936	38.335 ng/ul	98
93) Benzo(a)pyrene	25.511	252	1253981	37.058 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.871	276	1624774m	37.882 ng/ul	
95) Dibenzo(a,h)anthracene	29.965	278	1335564	37.702 ng/ul#	96
96) Benzo(g,h,i)perylene	31.199	276	1285477	36.619 ng/ul	99

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

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