Quantitation Report (Qedit)

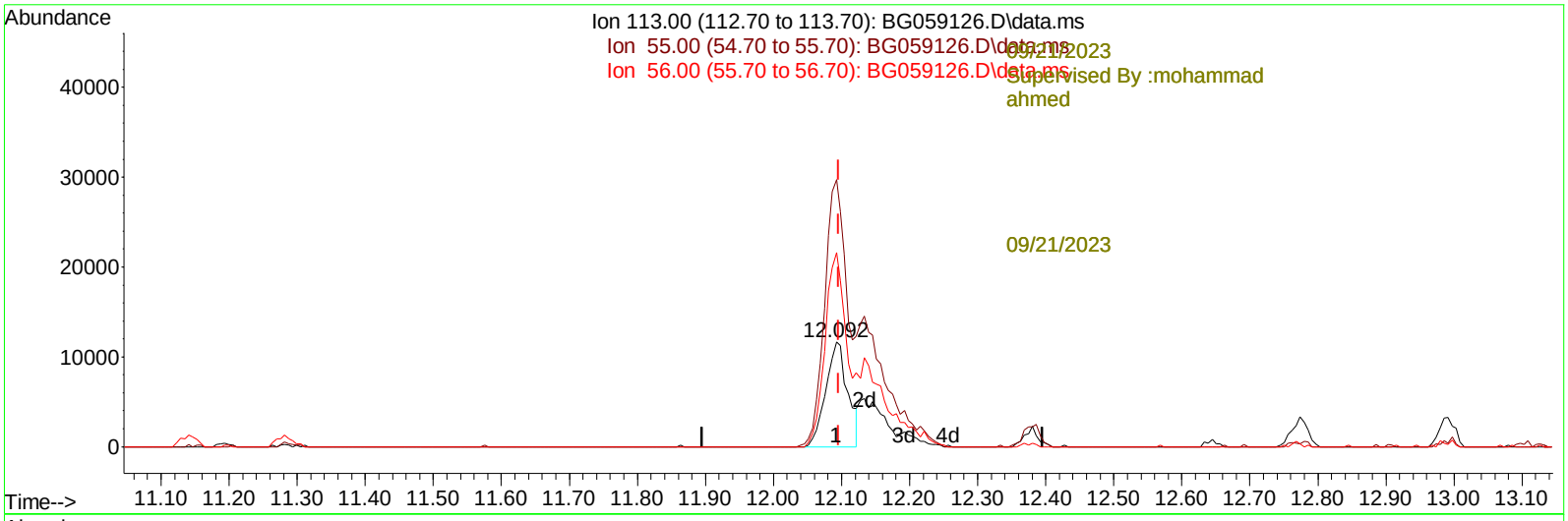
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059126.D
Acq On : 21 Sep 2023 2:21
Operator : MA/JU
Sample : PB155505BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

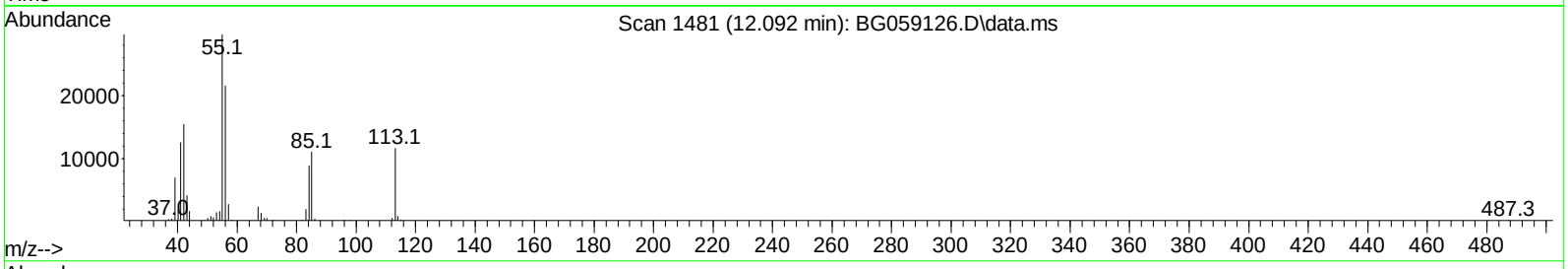
Quant Time: Sep 21 03:09:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

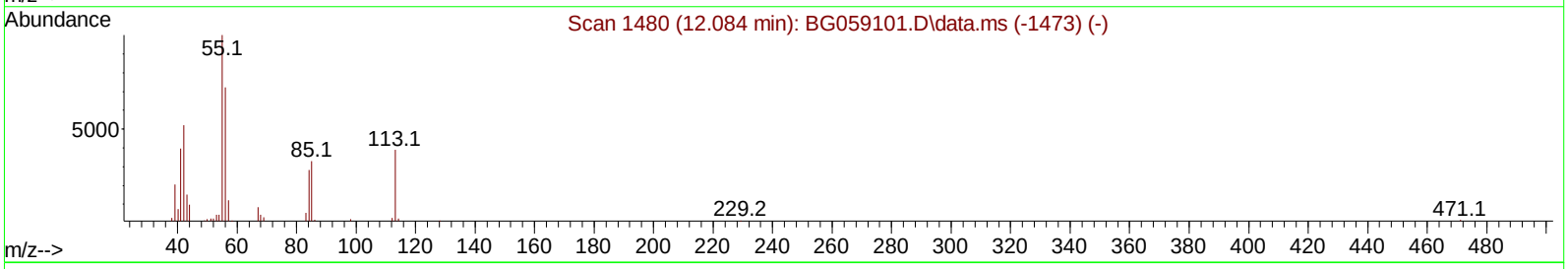
Instrument :
BNA_G
ClientSampleId :
SLCS505

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel







TIC: BG059126.D\data.ms

(34) Caprolactam

12.092min (-0.003) 31.90 ng/ul

response 26190

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	254.66#
56.00	140.40	185.25#
0.00	0.00	0.00

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ClientSampleId :
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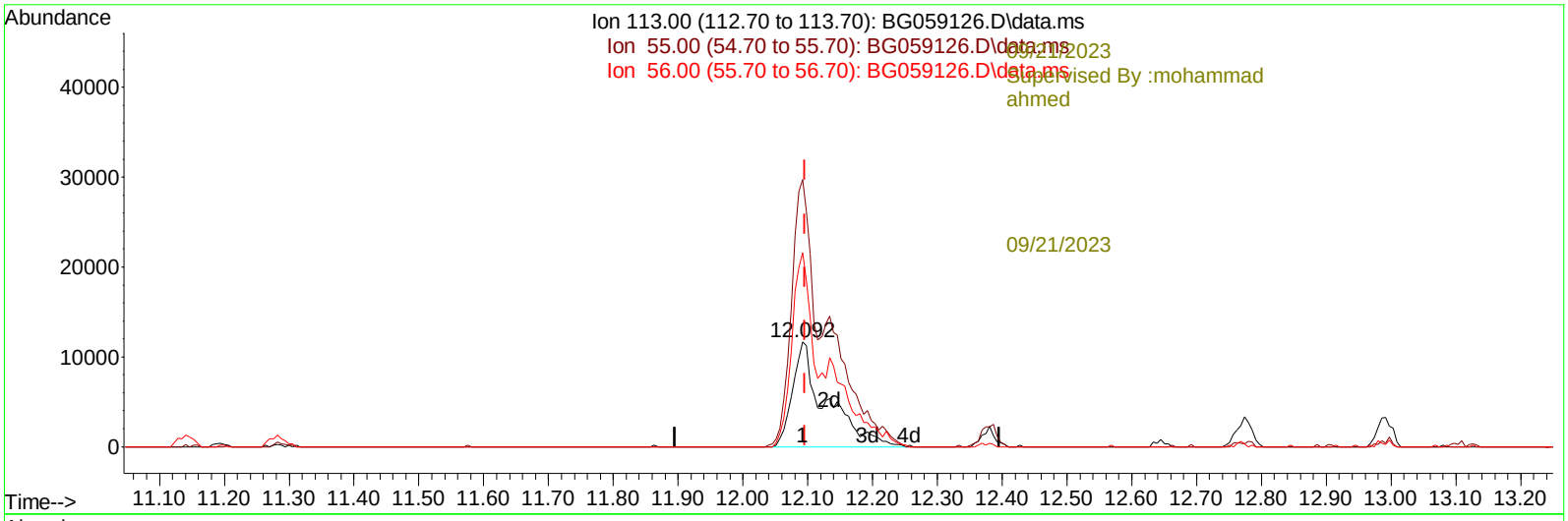
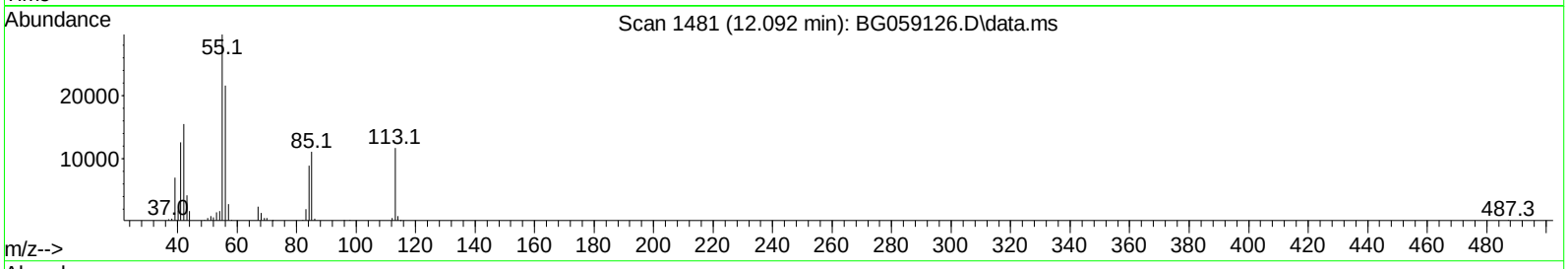
Manual IntegrationsAPPROVED

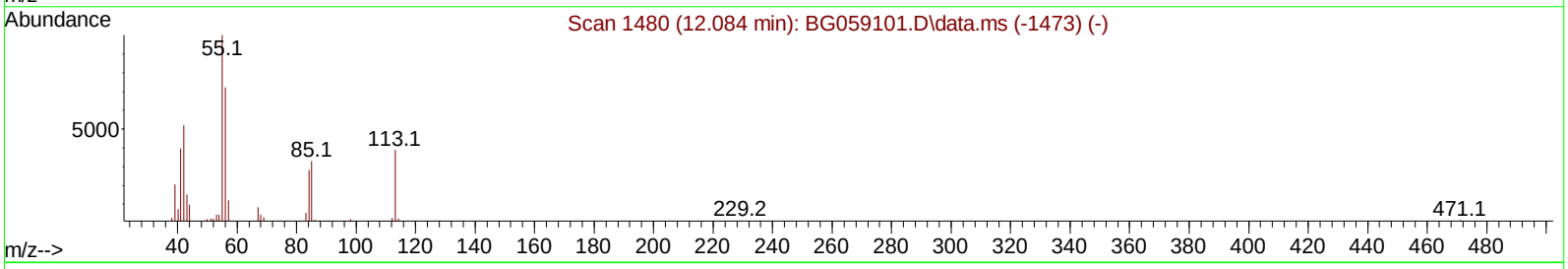
Reviewed By :Yogesh Patel

09/21/2023
Supervised By :mohammad ahmed

09/21/2023







TIC: BG059126.D\data.ms

(34) Caprolactam

12.092min (-0.003) 51.29 ng/ul m

response 42111

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	254.66#
56.00	140.40	185.25#
0.00	0.00	0.00

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Misc :
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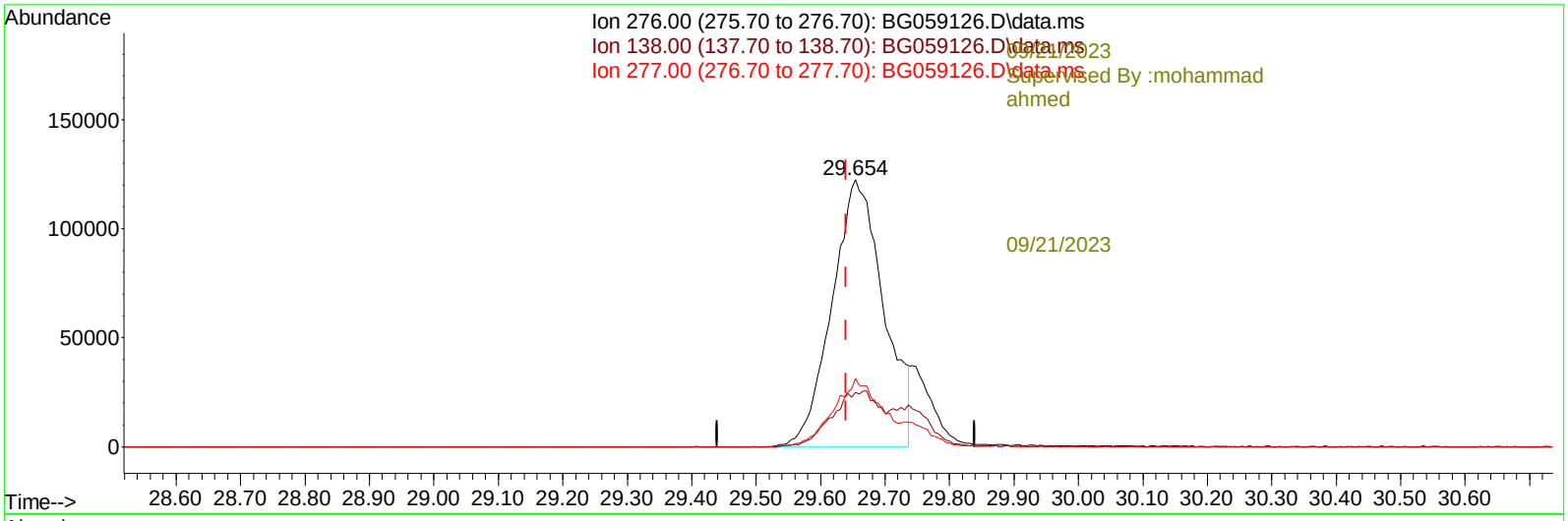

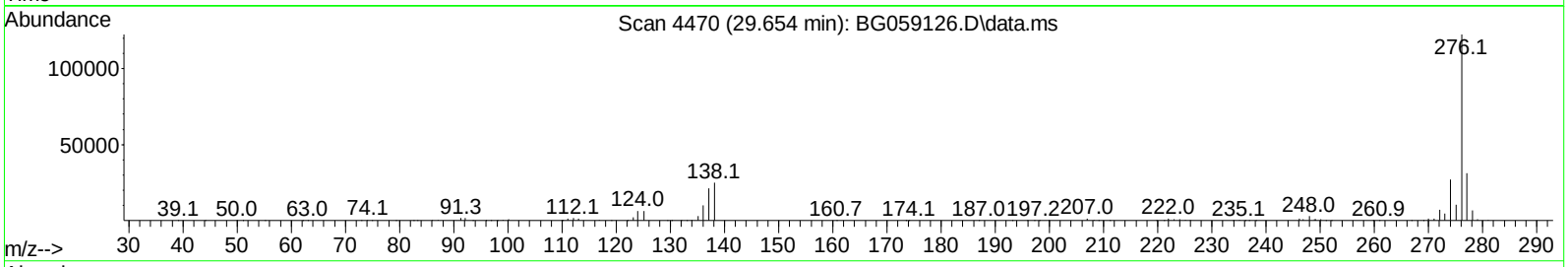

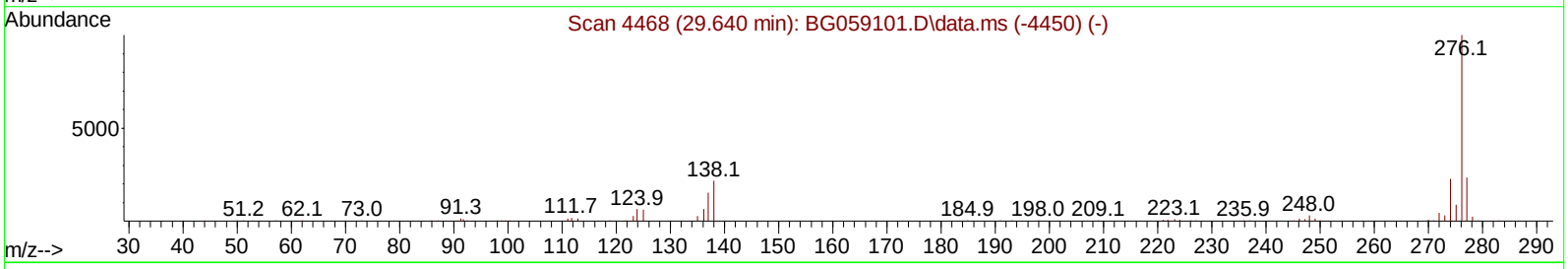

TIC: BG059126.D\data.ms

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

29.654min (+ 0.014) 43.78 ng/ul

response 683459

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	20.38
277.00	25.50	25.64
0.00	0.00	0.00

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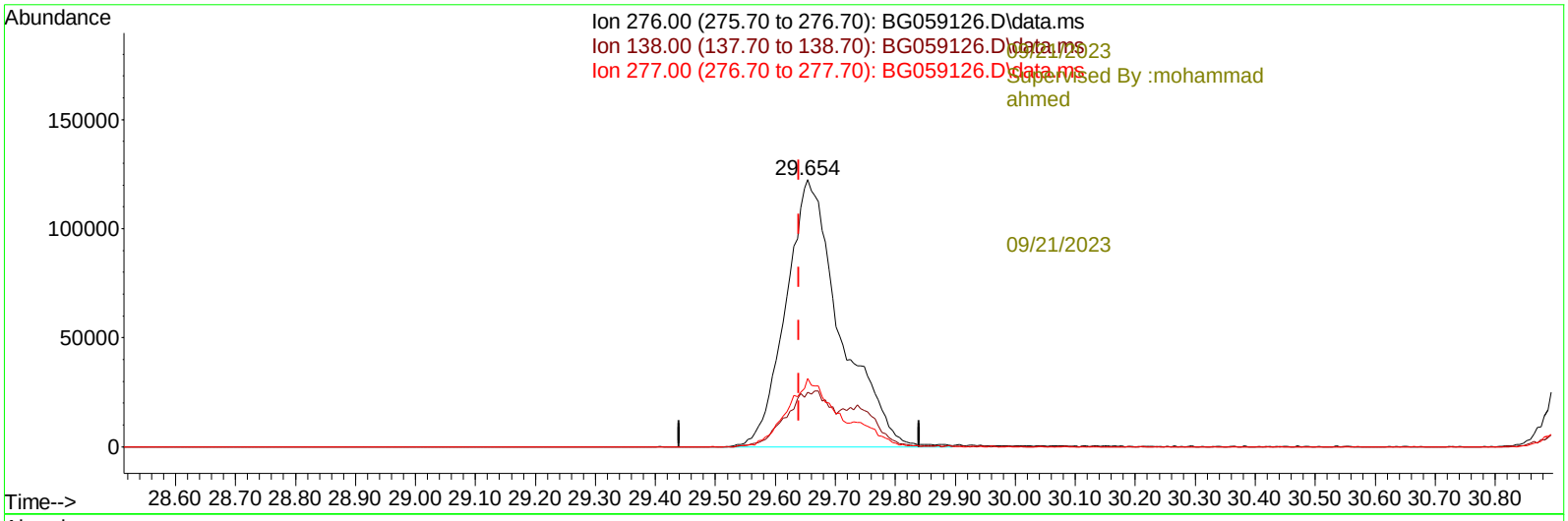
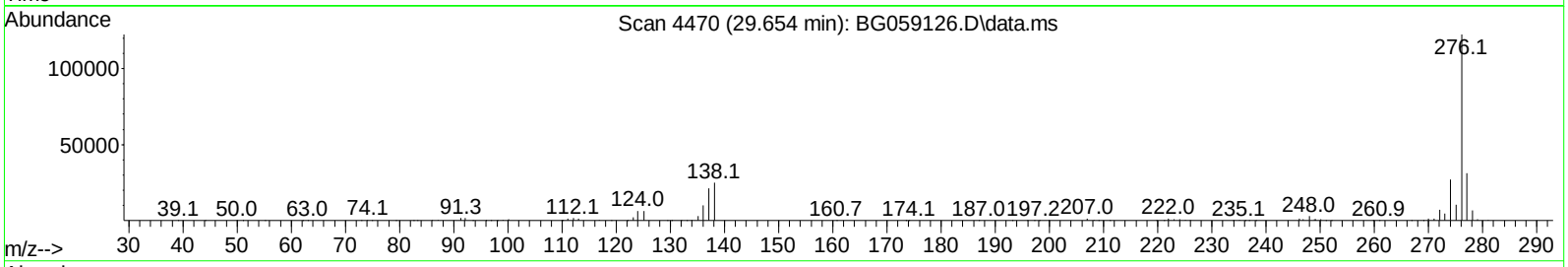
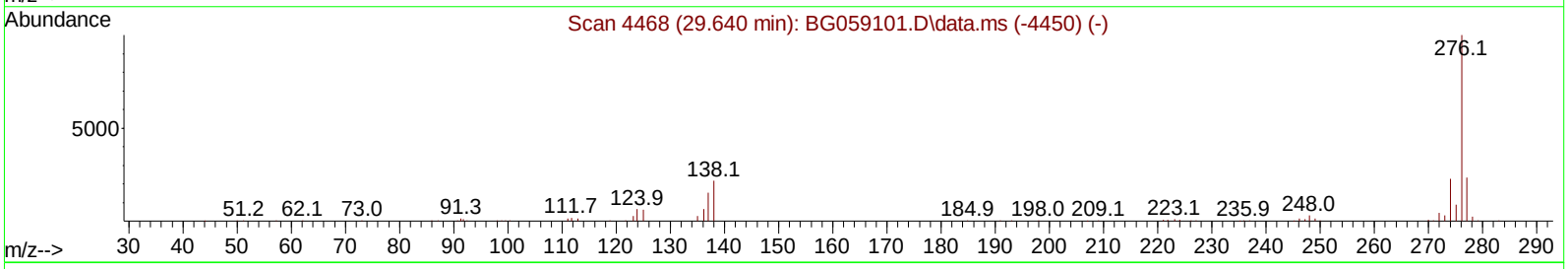
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel







TIC: BG059126.D\data.ms

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

29.654min (+ 0.014) 49.57 ng/ul m

response 773822

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	20.38
277.00	25.50	25.64
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel
09/21/2023
Supervised By :mohammad ahmed
09/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.297	152	30304	20.000	ng/ul		0.00
20) Naphthalene-d8	11.141	136	149864	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.924	164	99855	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.674	188	228431	20.000	ng/ul		0.00
79) Chrysene-d12	21.998	240	200158	20.000	ng/ul	#	0.00
88) Perylene-d12	25.541	264	234393	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.608	96	5849	7.555	ng/uL		0.00
4) Pyridine-d5	4.037	84	93095	40.988	ng/ul		0.00
7) Phenol-d5	7.410	99	129511	43.463	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.615	67	73894	40.410	ng/ul		0.00
11) 2-Chlorophenol-d4	7.809	132	96102	43.704	ng/ul		0.00
15) 4-Methylphenol-d8	8.984	113	103847	43.760	ng/ul		0.00
21) Nitrobenzene-d5	9.495	128	50046	43.276	ng/ul		0.00
24) 2-Nitrophenol-d4	10.212	143	56540	48.399	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.735	165	103703	46.759	ng/ul		0.00
31) 4-Chloroaniline-d4	11.282	131	141566	40.897	ng/ul		0.00
46) Dimethylphthalate-d6	14.319	166	328629	42.792	ng/ul		0.00
49) Acenaphthylene-d8	14.631	160	385247	41.199	ng/ul		0.00
54) 4-Nitrophenol-d4	15.107	143	64894	46.316	ng/ul		0.00
60) Fluorene-d10	15.911	176	303240	43.138	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.023	200	64848	49.933	ng/ul		0.00
73) Anthracene-d10	17.774	188	451354	43.425	ng/ul		0.00
81) Pyrene-d10	20.048	212	518625	44.330	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.300	264	526767	46.025	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.644	88	14268	16.298	ng/uL	#	76
5) Pyridine	4.061	79	88736	38.341	ng/ul		95
6) Benzaldehyde	7.439	77	59339	38.406	ng/ul		88
8) Phenol	7.439	94	136584	44.596	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.709	93	105763	43.011	ng/ul		99
12) 2-Chlorophenol	7.844	128	103986	46.350	ng/ul		98
13) 2-Methylphenol	8.714	108	107593	47.337	ng/ul		94
14) 2,2'-oxybis(1-Chloropr...	8.814	45	225701	44.209	ng/ul		98
16) Acetophenone	9.137	105	164555	45.040	ng/ul		97
17) N-Nitroso-di-n-propyla...	9.108	70	85439	46.260	ng/ul		95
18) 4-Methylphenol	9.049	108	117505	48.241	ng/ul		87
19) Hexachloroethane	9.384	117	39456	44.731	ng/ul		93
22) Nitrobenzene	9.542	77	121087	46.239	ng/ul		96
23) Isophorone	10.048	82	258726	46.073	ng/ul		97
25) 2-Nitrophenol	10.248	139	61006	46.730	ng/ul		93
26) 2,4-Dimethylphenol	10.271	107	97529	39.957	ng/ul		91
27) Bis(2-Chloroethoxy)met...	10.530	93	161980	46.365	ng/ul		100
29) 2,4-Dichlorophenol	10.765	162	109000	48.619	ng/ul		97
30) Naphthalene	11.193	128	373909	46.626	ng/ul		99
32) 4-Chloroaniline	11.311	127	119907	35.189	ng/ul		94
33) Hexachlorobutadiene	11.417	225	64658	44.808	ng/ul	#	88
34) Caprolactam	12.092	113	42111m	51.290	ng/ul		
35) 4-Chloro-3-methylphenol	12.380	107	115818	49.044	ng/ul		94

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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS505

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel

09/21/2023
Supervised By :mohammad ahmed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.774	142	241903	45.165 ng/ul	97
37) 1-Methylnaphthalene	12.991	142	236541	43.720 ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.115	216	126095	43.074 ng/ul	96
40) Hexachlorocyclopentadiene	13.068	237	67437	36.134 ng/ul	94
41) 2,4,6-Trichlorophenol	13.356	196	78313	40.967 ng/ul	90
42) 2,4,5-Trichlorophenol	13.426	196	92249	44.613 ng/ul	97
43) 1,1'-Biphenyl	13.767	154	360803	45.268 ng/ul	98
44) 2-Chloronaphthalene	13.814	162	265681	43.656 ng/ul	96
45) 2-Nitroaniline	14.031	65	91350	47.354 ng/ul	98
47) Dimethylphthalate	14.372	163	357693	45.602 ng/ul	98
48) 2,6-Dinitrotoluene	14.513	165	72679	50.142 ng/ul#	88
50) Acenaphthylene	14.660	152	420757	42.127 ng/ul	99
51) 3-Nitroaniline	14.848	138	78697	49.207 ng/ul	94
52) Acenaphthene	14.989	153	304927	45.020 ng/ul	98
53) 2,4-Dinitrophenol	15.048	184	47923	54.871 ng/ul	90
55) 4-Nitrophenol	15.118	109	45198	48.810 ng/ul	89
56) Dibenzofuran	15.324	168	412205	45.883 ng/ul	98
57) 2,4-Dinitrotoluene	15.289	165	107206	51.302 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.530	232	77441	40.460 ng/ul	91
59) Diethylphthalate	15.718	149	362597	46.913 ng/ul	99
61) Fluorene	15.970	166	352366	45.935 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.953	204	178640	46.922 ng/ul	93
63) 4-Nitroaniline	16.017	138	83420	56.269 ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.041	198	71258	50.907 ng/ul#	99
67) N-Nitrosodiphenylamine	16.170	169	296179	48.700 ng/ul	98
68) 4-Bromophenyl-phenylether	16.852	248	107559	48.396 ng/ul	96
69) Hexachlorobenzene	16.940	284	119475	46.932 ng/ul	94
70) Atrazine	17.098	200	8641	3.571 ng/ul#	90
71) Pentachlorophenol	17.292	266	63511	38.409 ng/ul#	89
72) Phenanthrene	17.721	178	604409	47.281 ng/ul	99
74) Anthracene	17.809	178	593719	45.455 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.720	216	12504	4.106 ng/uL	94
76) Pentachlorobenzene	15.218	250	135409	48.070 ng/uL	96
77) Carbazole	18.085	167	529920	48.798 ng/ul	99
78) Di-n-butylphthalate	18.591	149	634706	47.445 ng/ul	99
80) Fluoranthene	19.713	202	703389	48.247 ng/ul	99
82) Pyrene	20.077	202	732907	48.195 ng/ul	98
83) Butylbenzylphthalate	20.935	149	266919	48.593 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.887	252	237971	49.200 ng/ul	100
85) Benzo(a)anthracene	21.975	228	681709	46.911 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.810	149	406300	49.437 ng/ul	100
87) Chrysene	22.051	228	653723	48.237 ng/ul	99
89) Di-n-octyl phthalate	23.132	149	711730	49.667 ng/ul	100
90) Benzo(b)fluoranthene	24.402	252	728631	51.015 ng/ul	99
91) Benzo(k)fluoranthene	24.478	252	717755	48.469 ng/ul	97
93) Benzo(a)pyrene	25.377	252	649403	47.310 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.654	276	773822m	49.568 ng/ul	
95) Dibenzo(a,h)anthracene	29.742	278	632416	50.409 ng/ul	98
96) Benzo(g,h,i)perylene	30.976	276	630476	50.135 ng/ul	97

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

Instrument :
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Manual IntegrationsAPPROVED

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09/21/2023
Supervised By :mohammad ahmed

09/21/2023

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