Quantitation Report (Qedit)

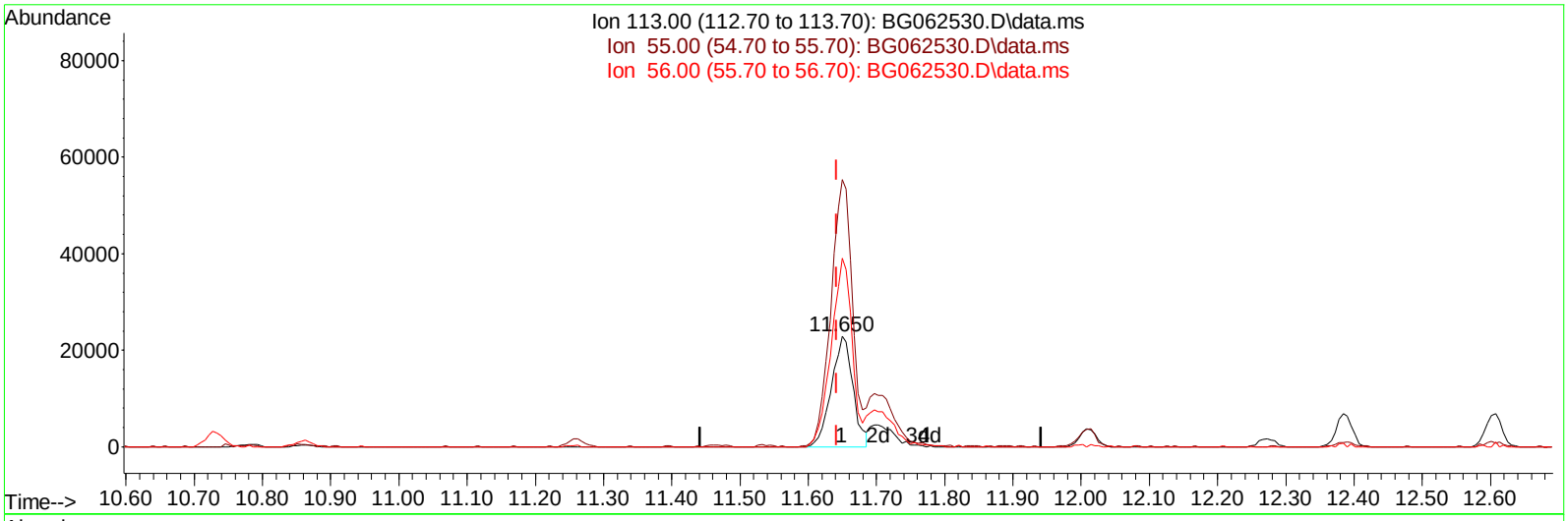
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082124\
Data File : BG062530.D
Acq On : 22 Aug 2024 6:13
Operator : MA/JU
Sample : P3626-11MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

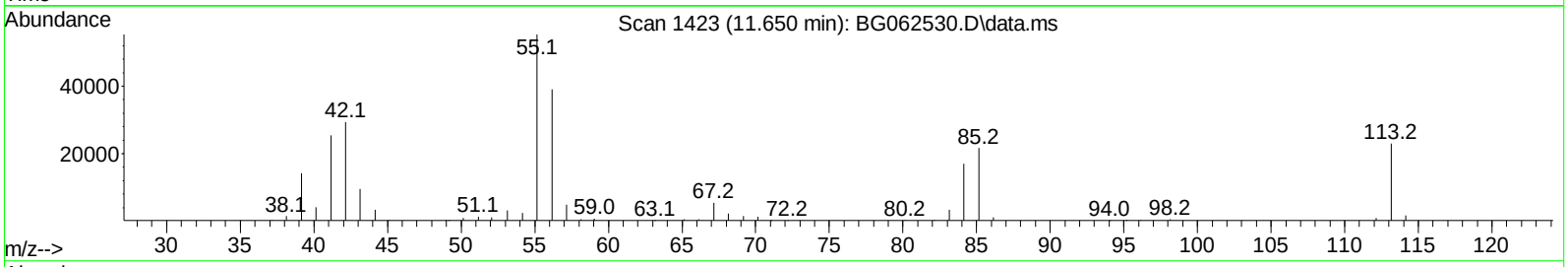
Quant Time: Aug 22 06:47:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

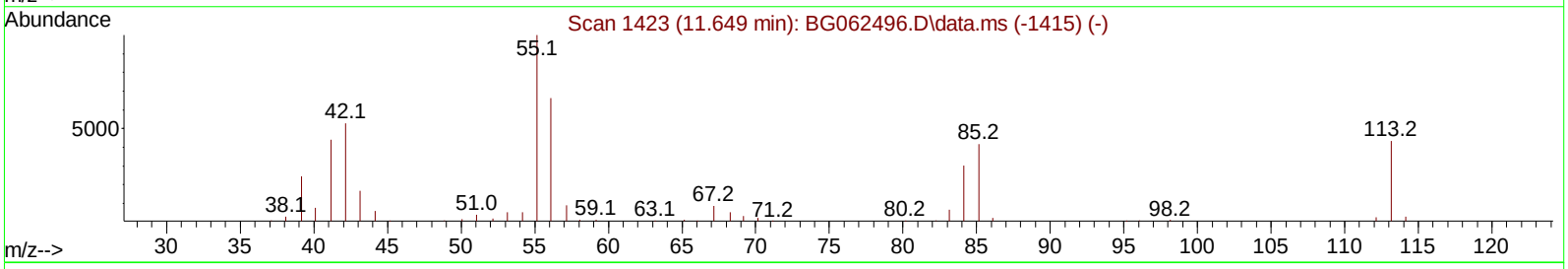
Instrument :
BNA_G
ClientSampleId :
DCYB8MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024







TIC: BG062530.D\data.ms

(34) Caprolactam

11.650min (+ 0.008) 20.48 ng/ul

response 50371

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	241.16
56.00	178.20	170.25
0.00	0.00	0.00

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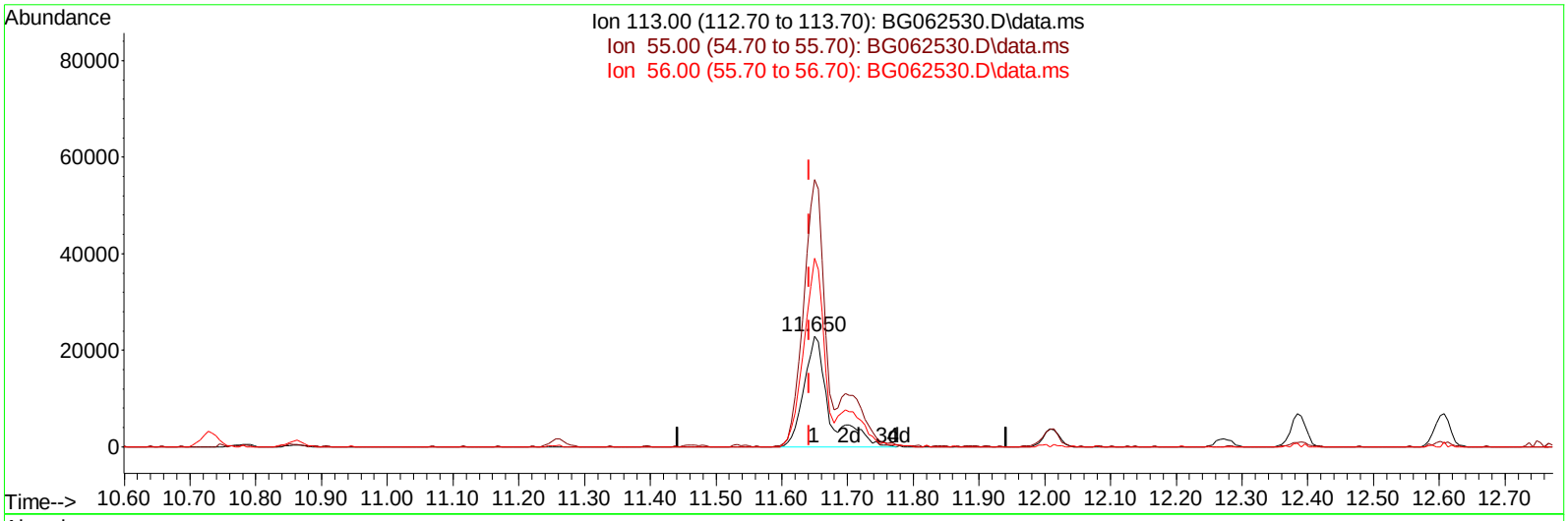

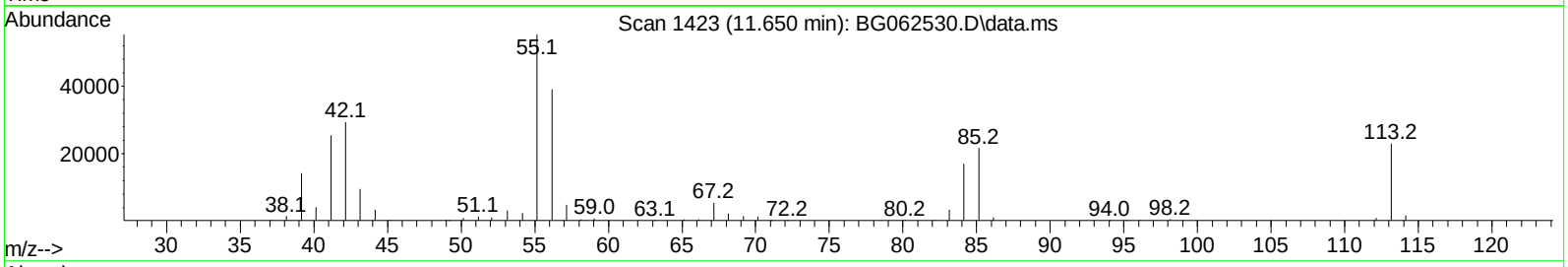

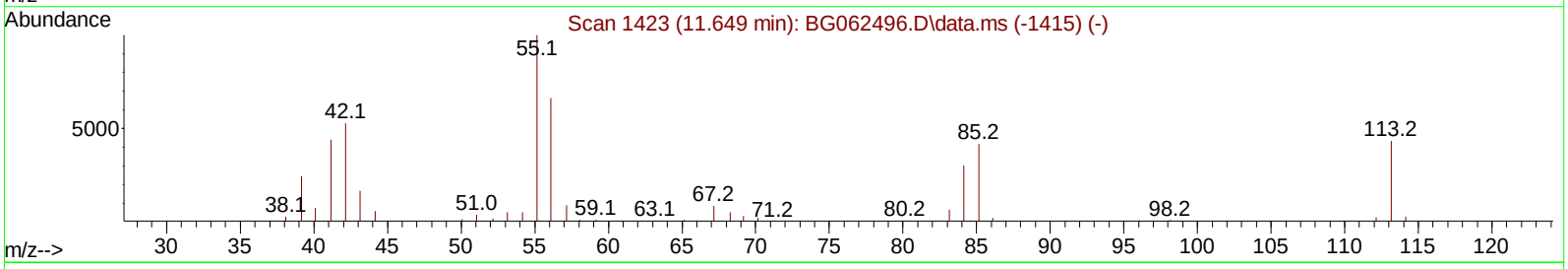

TIC: BG062530.D\data.ms

(34) Caprolactam

11.650min (+ 0.008) 25.00 ng/ul m

response 61508

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	241.16
56.00	178.20	170.25
0.00	0.00	0.00

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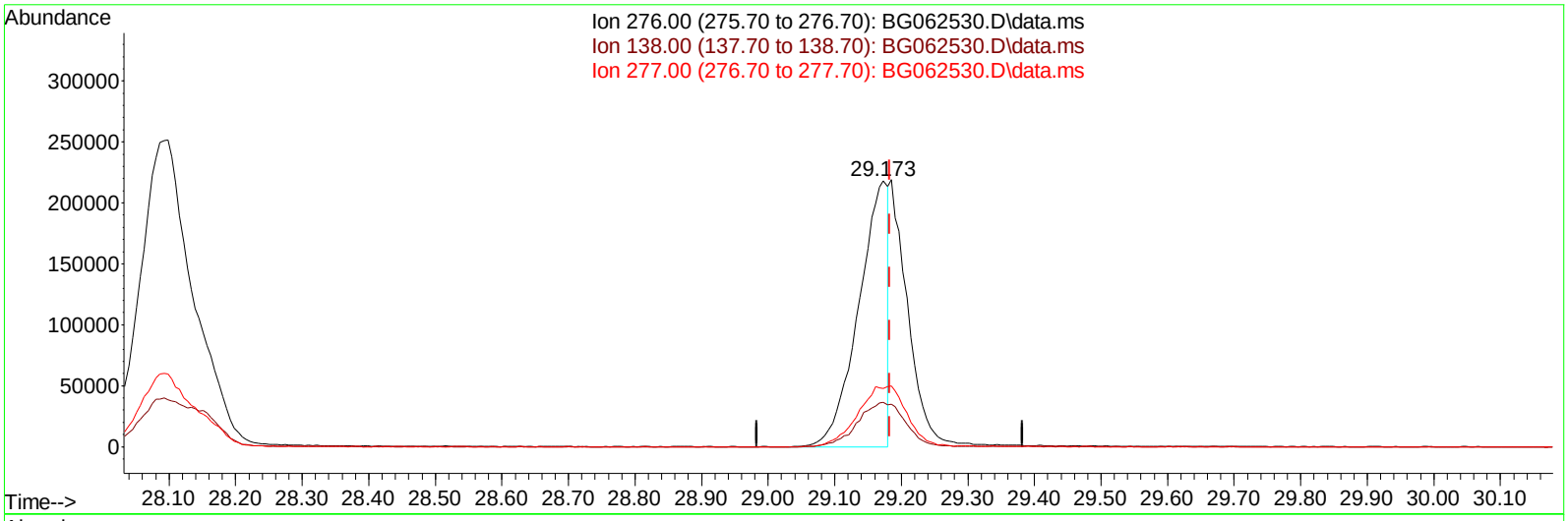

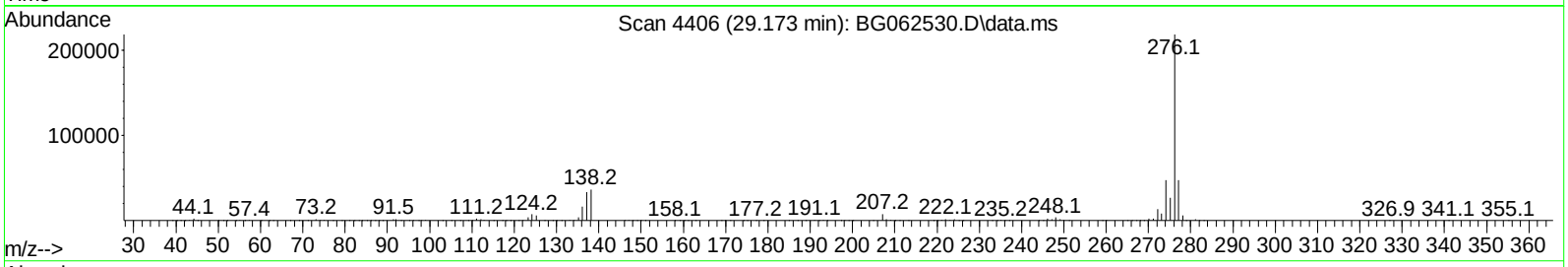

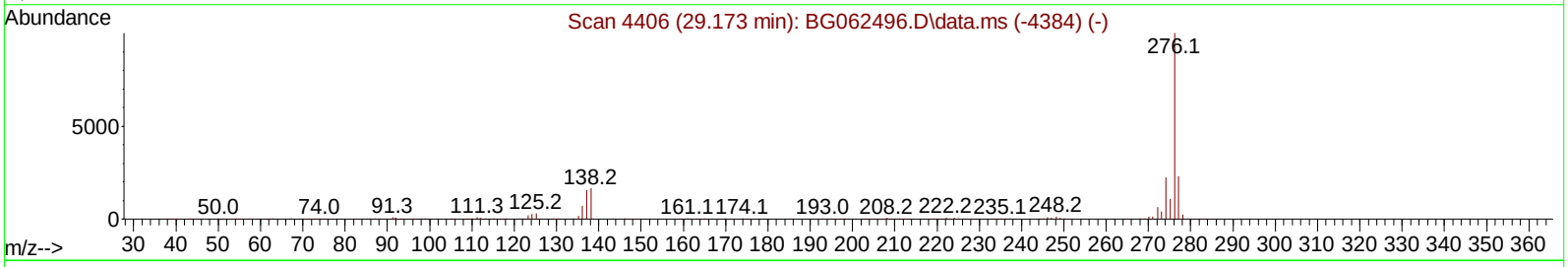

TIC: BG062530.D\data.ms

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

29.173min (-0.010) 19.07 ng/ul

response 664738

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.80	16.75
277.00	24.40	21.92
0.00	0.00	0.00

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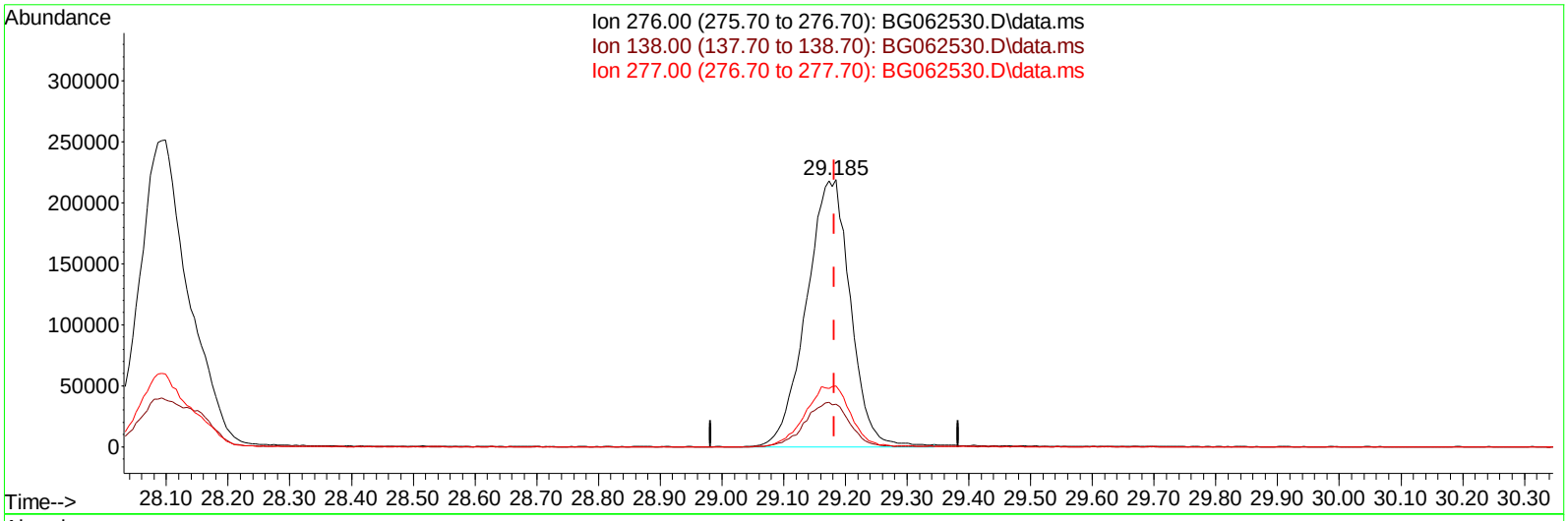

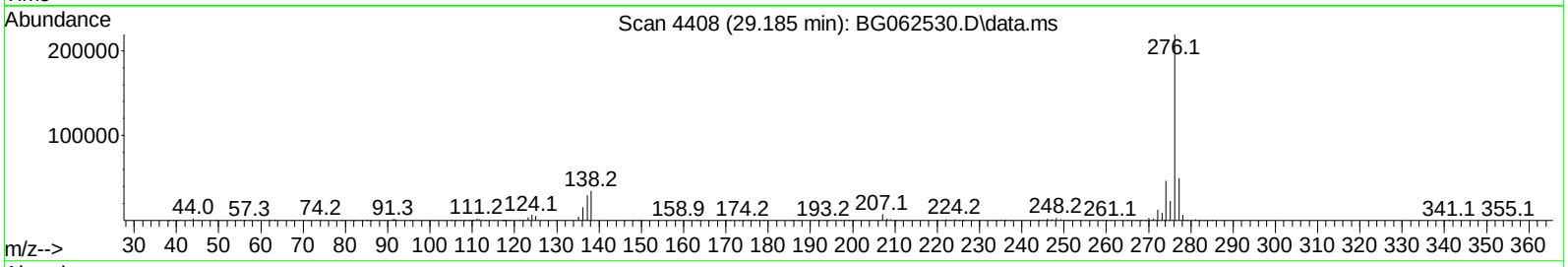

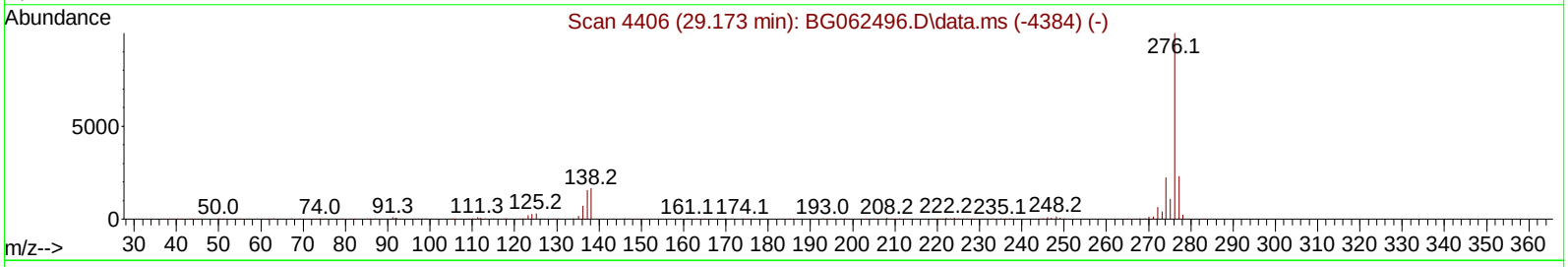

TIC: BG062530.D\data.ms

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

29.185min (+ 0.002) 31.08 ng/ul m

response 1083255

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.80	15.92
277.00	24.40	22.88
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	77496	20.000	ng/ul	0.00
20) Naphthalene-d8	10.733	136	365527	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.558	164	272991	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	579047	20.000	ng/ul	0.00
79) Chrysene-d12	21.542	240	547395	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264	626082	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	6543	3.206	ng/uL	0.00
4) Pyridine-d5	3.807	84	98256	15.797	ng/ul	0.00
7) Phenol-d5	7.103	99	160487	20.817	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	94745	19.510	ng/ul	0.00
11) 2-Chlorophenol-d4	7.473	132	117564	22.324	ng/ul	0.00
15) 4-Methylphenol-d8	8.642	113	126798	19.622	ng/ul	0.00
21) Nitrobenzene-d5	9.089	128	60820	25.946	ng/ul	0.00
24) 2-Nitrophenol-d4	9.811	143	68795	29.502	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	141026	23.744	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	173123	18.380	ng/ul	0.00
46) Dimethylphthalate-d6	13.964	166	438473	20.649	ng/ul	0.00
49) Acenaphthylene-d8	14.252	160	495044	21.055	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	73027	21.558	ng/ul	0.00
60) Fluorene-d10	15.550	176	397453	20.752	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	74947	28.487	ng/ul	0.00
73) Anthracene-d10	17.401	188	604743	21.740	ng/ul	0.00
81) Pyrene-d10	19.680	212	728208	22.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	755751	22.746	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	22363	10.264	ng/uL	91
5) Pyridine	3.831	79	165539	25.295	ng/ul	94
6) Benzaldehyde	7.080	77	127792	31.976	ng/ul	99
8) Phenol	7.127	94	254212	31.424	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.362	93	172689	28.850	ng/ul	99
12) 2-Chlorophenol	7.502	128	178608	32.788	ng/ul	98
13) 2-Methylphenol	8.378	108	188919	31.034	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.454	45	365372	29.572	ng/ul	97
16) Acetophenone	8.754	105	292225	27.606	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.742	70	155448	27.827	ng/ul	97
18) 4-Methylphenol	8.707	108	209397	30.032	ng/ul	97
19) Hexachloroethane	9.018	117	68590	31.646	ng/ul	95
22) Nitrobenzene	9.136	77	229996	34.736	ng/ul	100
23) Isophorone	9.658	82	423438	27.079	ng/ul	98
25) 2-Nitrophenol	9.840	139	109348	41.974	ng/ul	97
26) 2,4-Dimethylphenol	9.905	107	192550	27.103	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.140	93	252789	29.063	ng/ul	97
29) 2,4-Dichlorophenol	10.381	162	200800	32.923	ng/ul	98
30) Naphthalene	10.780	128	626190	29.538	ng/ul	99
32) 4-Chloroaniline	10.886	127	209029	22.827	ng/ul	99
33) Hexachlorobutadiene	11.068	225	139399	30.067	ng/ul	98
34) Caprolactam	11.650	113	61508m	25.003	ng/ul	
35) 4-Chloro-3-methylphenol	12.008	107	222542	31.183	ng/ul	99

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DCYB8MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.384	142	437485	29.222	ng/ul	97
37) 1-Methylnaphthalene	12.607	142	440329	28.826	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.754	216	280046	30.720	ng/ul	98
40) Hexachlorocyclopentadiene	12.737	237	89680	19.192	ng/ul	97
41) 2,4,6-Trichlorophenol	12.995	196	172812	32.954	ng/ul	94
42) 2,4,5-Trichlorophenol	13.066	196	187764	34.104	ng/ul	98
43) 1,1'-Biphenyl	13.395	154	614911	29.732	ng/ul	97
44) 2-Chloronaphthalene	13.436	162	486016	30.369	ng/ul	99
45) 2-Nitroaniline	13.635	65	162235	39.139	ng/ul	98
47) Dimethylphthalate	14.017	163	593218	27.555	ng/ul	100
48) 2,6-Dinitrotoluene	14.129	165	121903	39.647	ng/ul#	90
50) Acenaphthylene	14.282	152	739285	29.368	ng/ul	98
51) 3-Nitroaniline	14.458	138	117413	33.515	ng/ul	96
52) Acenaphthene	14.622	153	535553	28.427	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	73973	38.141	ng/ul	93
55) 4-Nitrophenol	14.769	109	88414	30.407	ng/ul	94
56) Dibenzofuran	14.957	168	766902	28.938	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	175363	37.467	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.180	232	170377	32.186	ng/ul	96
59) Diethylphthalate	15.380	149	593612	27.629	ng/ul	97
61) Fluorene	15.609	166	580067	27.770	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.597	204	302150	28.149	ng/ul	98
63) 4-Nitroaniline	15.621	138	117204	32.007	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.680	198	114052	38.474	ng/ul#	98
67) N-Nitrosodiphenylamine	15.809	169	520487	31.007	ng/ul	98
68) 4-Bromophenyl-phenylether	16.490	248	202412	31.148	ng/ul	97
69) Hexachlorobenzene	16.608	284	228193	30.140	ng/ul	97
70) Atrazine	16.761	200	153293	21.901	ng/ul	99
71) Pentachlorophenol	16.949	266	141101	31.936	ng/ul	97
72) Phenanthrene	17.342	178	937949	28.827	ng/ul	98
74) Anthracene	17.430	178	940141	28.207	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.359	216	273798	33.077	ng/ul	97
76) Pentachlorobenzene	14.881	250	266797	30.726	ng/ul	97
77) Carbazole	17.700	167	799346	28.550	ng/ul	99
78) Di-n-butylphthalate	18.264	149	991858	29.614	ng/ul	100
80) Fluoranthene	19.345	202	1097799	30.653	ng/ul	99
82) Pyrene	19.709	202	1165723	30.199	ng/ul	99
83) Butylbenzylphthalate	20.602	149	430659	33.121	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.437	252	348677	29.184	ng/ul	97
85) Benzo(a)anthracene	21.519	228	1185831	29.846	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.442	149	620544	32.665	ng/ul	99
87) Chrysene	21.583	228	1113208	29.554	ng/ul	98
89) Di-n-octyl phthalate	22.606	149	1095393	32.806	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	1143647	30.238	ng/ul	99
91) Benzo(k)fluoranthene	23.710	252	1152532	30.190	ng/ul	99
93) Benzo(a)pyrene	24.474	252	1034571	29.016	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.098	276	1397039	30.827	ng/ul	99
95) Dibenzo(a,h)anthracene	28.151	278	1131287	30.797	ng/ul	98
96) Benzo(g,h,i)perylene	29.185	276	1083255m	31.081	ng/ul	

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

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BNA_G
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