Quantitation Report (Qedit)

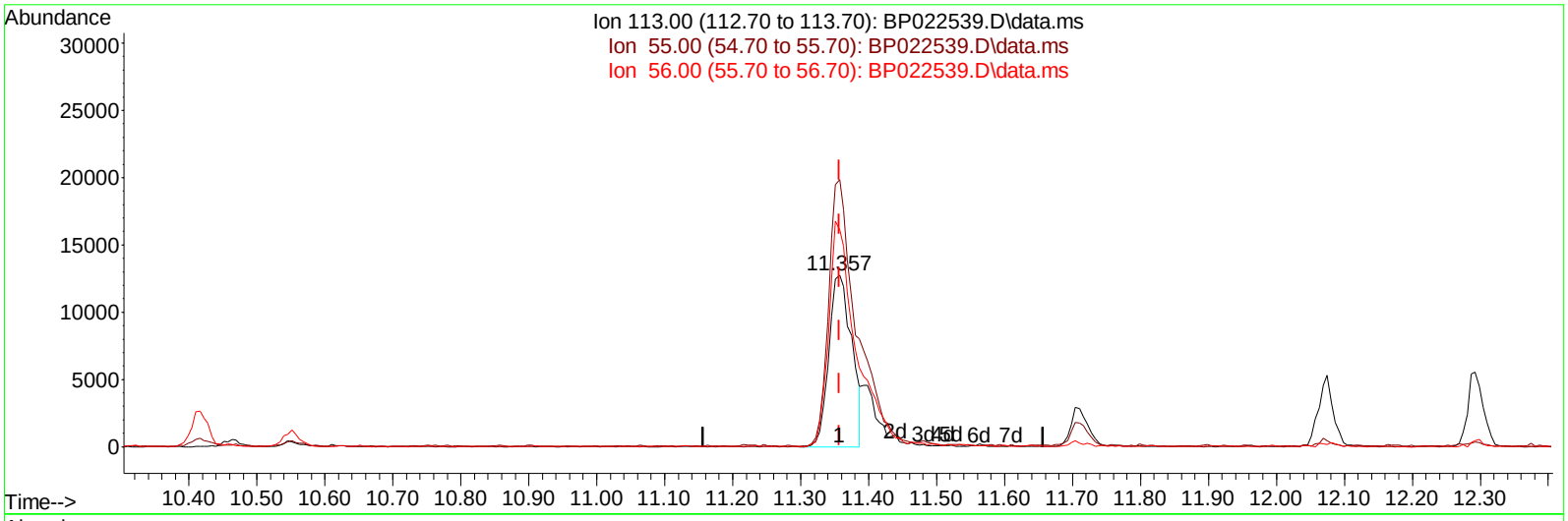
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022539.D
Acq On : 22 Oct 2024 16:25
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

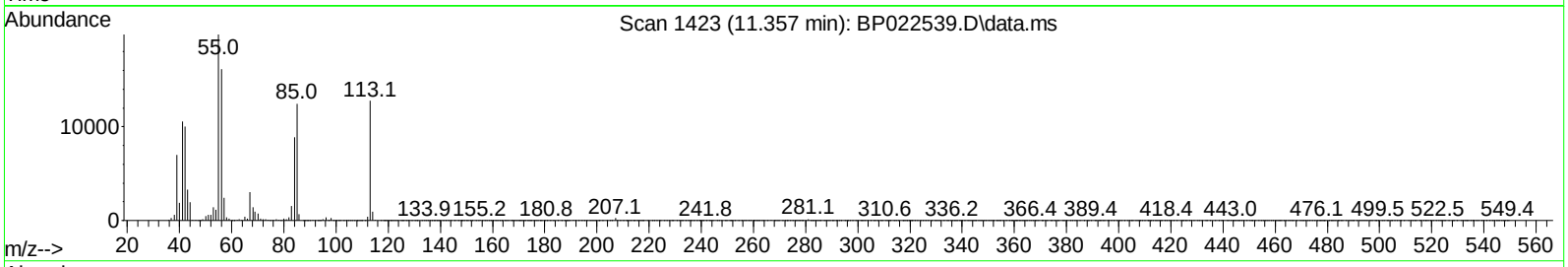
Quant Time: Oct 22 17:53:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

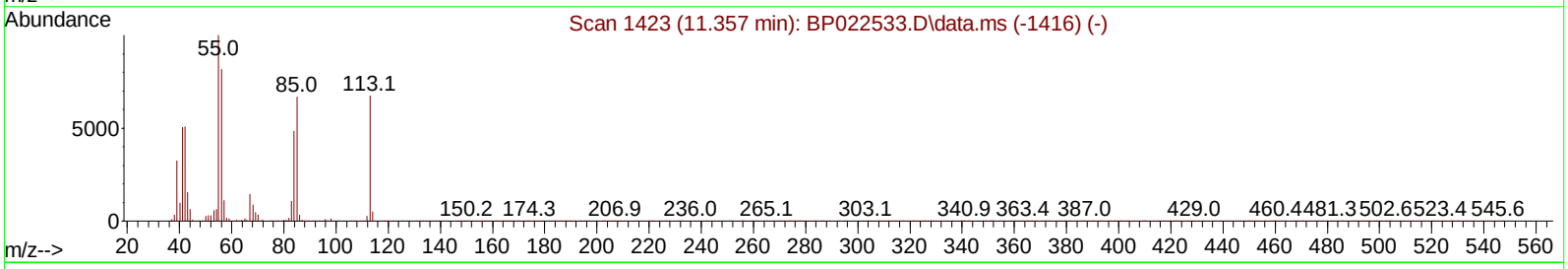
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024







TIC: BP022539.D\data.ms

(34) Caprolactam

11.357min (+ 0.000) 14.24 ng/ul

response 29998

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	155.42
56.00	130.00	126.22
0.00	0.00	0.00

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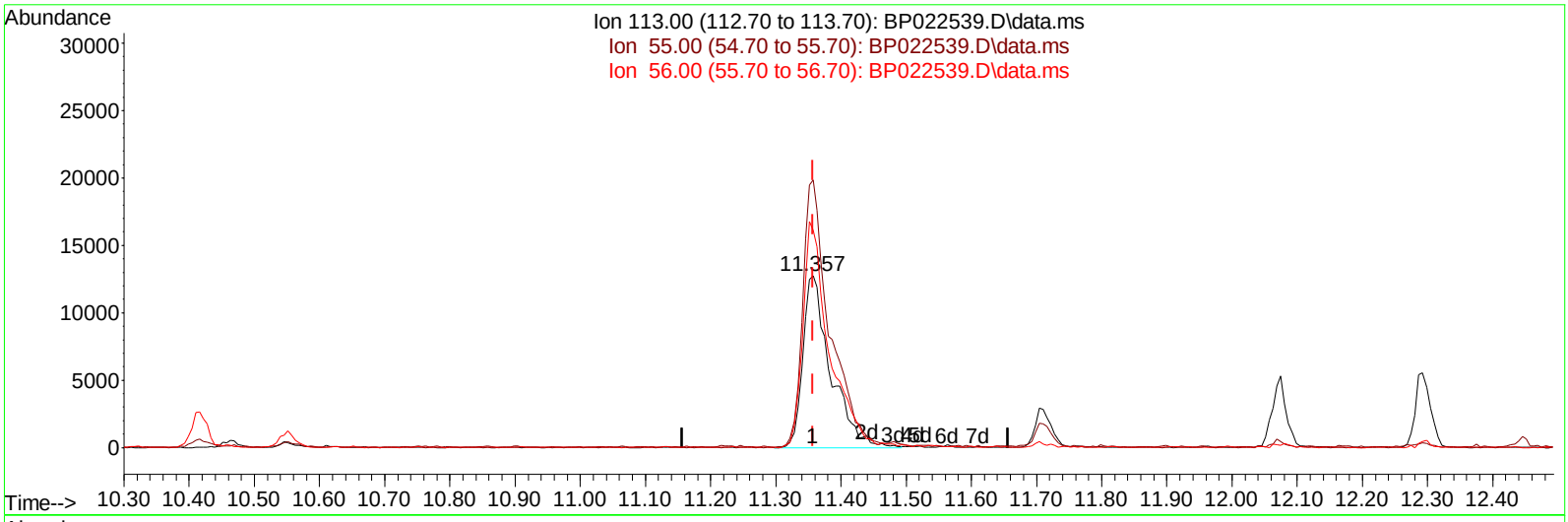

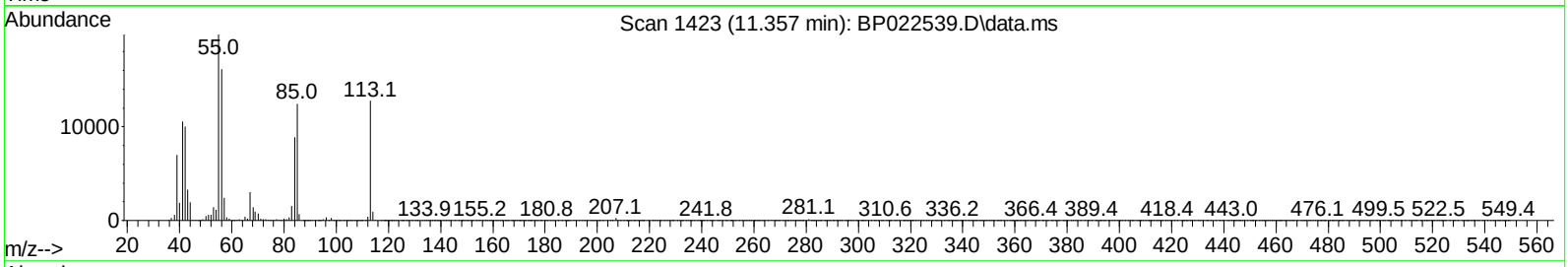

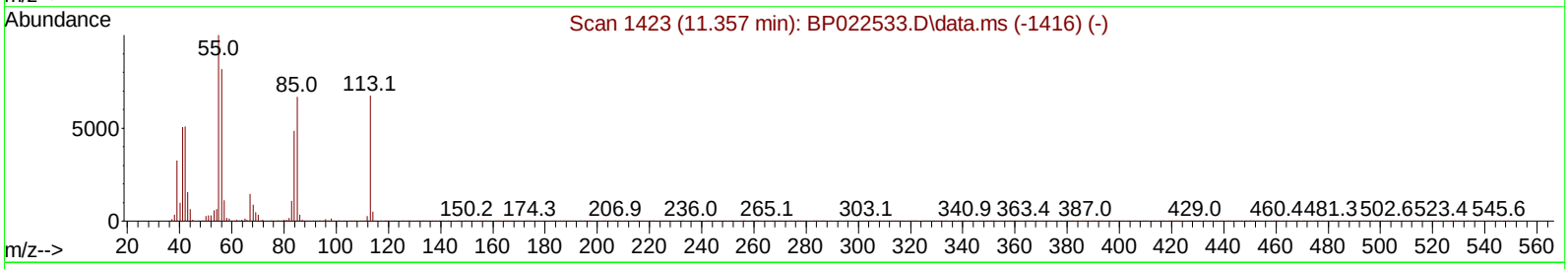

TIC: BP022539.D\data.ms

(34) Caprolactam

11.357min (+ 0.000) 18.01 ng/ul m

response 37945

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	155.42
56.00	130.00	126.22
0.00	0.00	0.00

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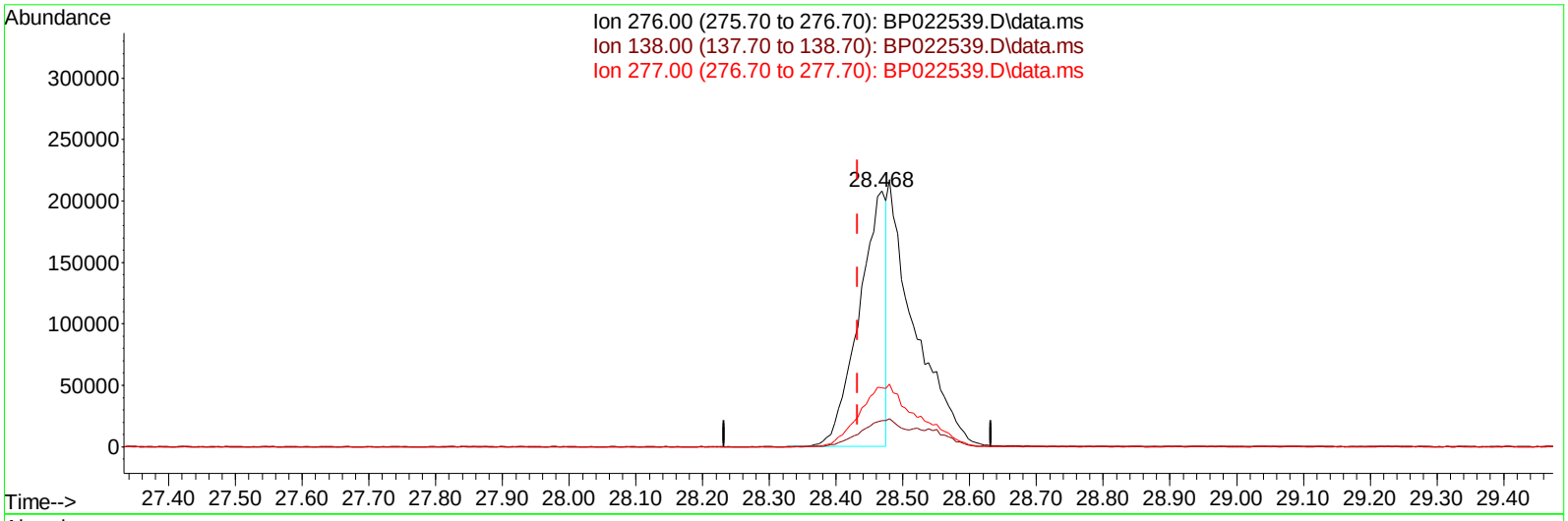

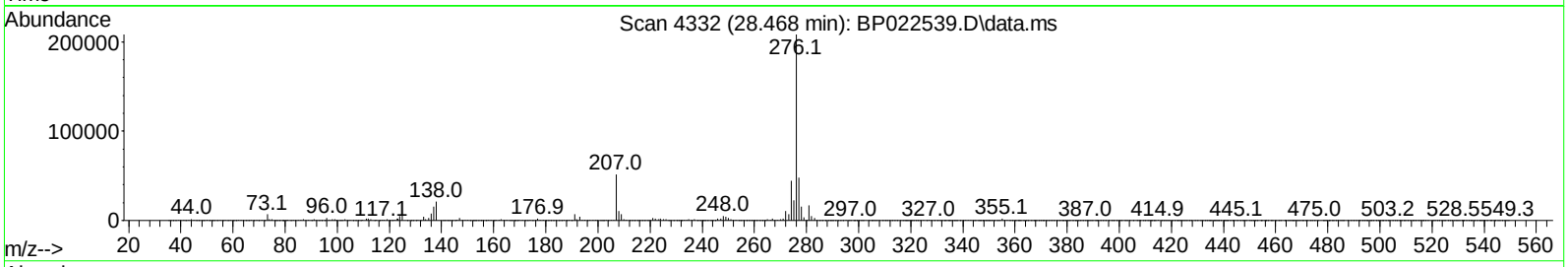

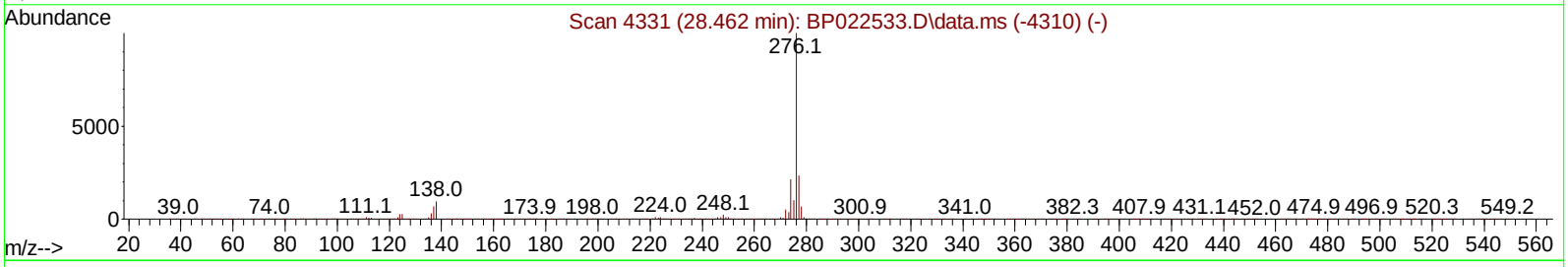

TIC: BP022539.D\data.ms

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

28.468min (+ 0.036) 9.51 ng/ul

response 587855

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.14
277.00	23.20	23.06
0.00	0.00	0.00

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Instrument :
BNA_P
LabSampleId :
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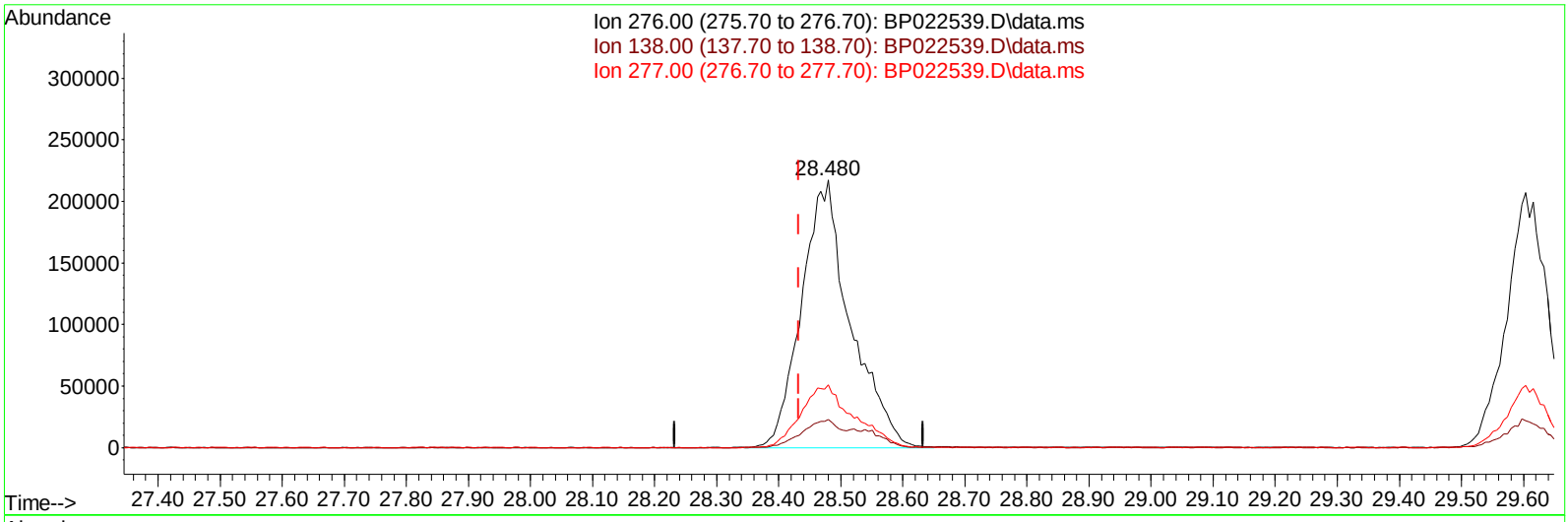

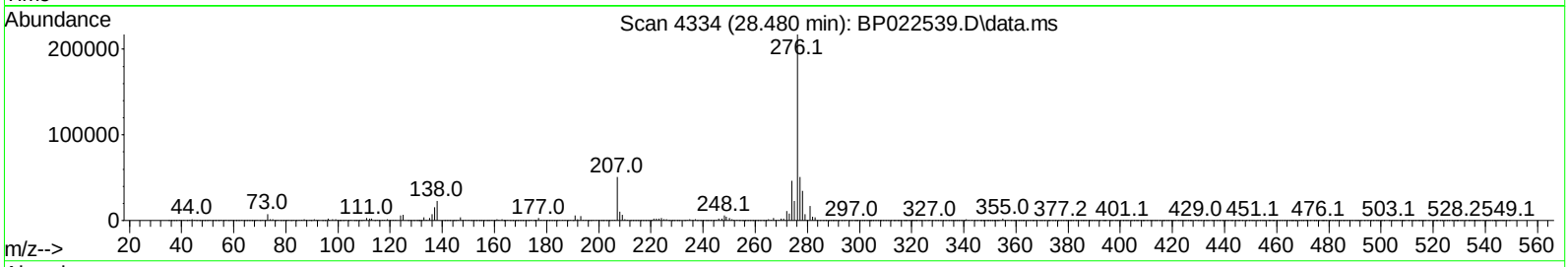

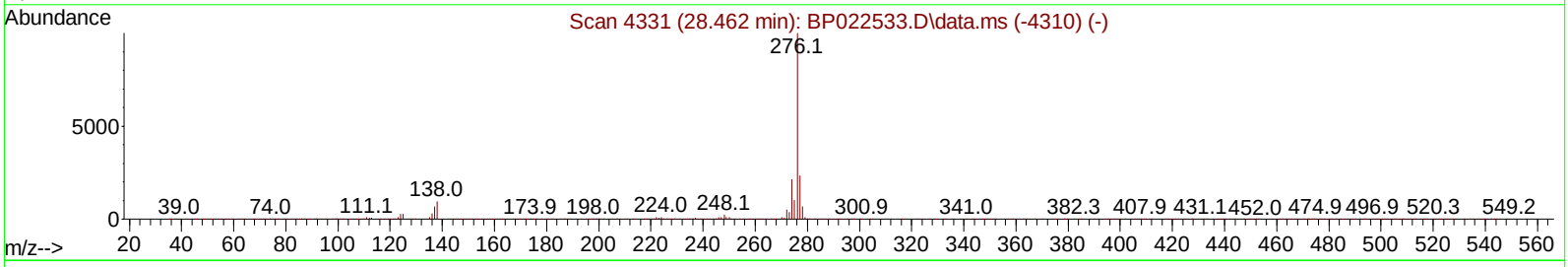

TIC: BP022539.D\data.ms

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

28.480min (+ 0.047) 19.18 ng/ul m

response 1186207

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.45
277.00	23.20	23.45
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	92248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	350717	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	279920	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	686566	20.000	ng/ul	-0.01
79) Chrysene-d12	21.504	240	718437	20.000	ng/ul	0.00
88) Perylene-d12	24.768	264	799954	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	17125	7.214	ng/uL	0.00
4) Pyridine-d5	3.605	84	119050	18.268	ng/ul	0.00
7) Phenol-d5	6.846	99	148118	19.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	87314	19.131	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	111505	20.237	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	120578	19.458	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	56304	20.879	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	66490	21.297	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	135472	20.416	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	148842	18.983	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	434759	19.548	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	468177	19.820	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	69956	18.750	ng/ul	0.00
60) Fluorene-d10	15.281	176	387703	20.098	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.422	200	71949	15.934	ng/ul	0.00
73) Anthracene-d10	17.180	188	651740	20.179	ng/ul	0.01
81) Pyrene-d10	19.551	212	823412	21.673	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.533	264	842007	19.709	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	18519	7.255	ng/uL	90
5) Pyridine	3.628	79	122450	18.325	ng/ul	96
6) Benzaldehyde	6.816	77	67199	16.014	ng/ul	98
8) Phenol	6.875	94	149692	18.529	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.093	93	118054	19.525	ng/ul	97
12) 2-Chlorophenol	7.234	128	112849	19.806	ng/ul	97
13) 2-Methylphenol	8.104	108	110510	18.848	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.169	45	135933	19.344	ng/ul	96
16) Acetophenone	8.469	105	192414	18.807	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.452	70	101567	19.595	ng/ul	97
18) 4-Methylphenol	8.422	108	121609	18.697	ng/ul	98
19) Hexachloroethane	8.716	117	53276	20.077	ng/ul	97
22) Nitrobenzene	8.840	77	157277	19.539	ng/ul	99
23) Isophorone	9.363	82	281691	19.518	ng/ul	99
25) 2-Nitrophenol	9.540	139	66463	19.753	ng/ul	99
26) 2,4-Dimethylphenol	9.604	107	143667	19.644	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.834	93	160163	19.545	ng/ul	99
29) 2,4-Dichlorophenol	10.075	162	132167	20.226	ng/ul	99
30) Naphthalene	10.463	128	379253	20.302	ng/ul	98
32) 4-Chloroaniline	10.575	127	146130	18.881	ng/ul	98
33) Hexachlorobutadiene	10.746	225	113909	20.683	ng/ul	96
34) Caprolactam	11.357	113	37945m	18.012	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	143563	20.137	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	275650	20.103	ng/ul	98
37) 1-Methylnaphthalene	12.293	142	285760	20.418	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	206228	19.925	ng/ul	95
40) Hexachlorocyclopentadiene	12.422	237	93926	14.895	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	129084	19.827	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	141154	20.362	ng/ul	96
43) 1,1'-Biphenyl	13.092	154	393321	19.494	ng/ul	98
44) 2-Chloronaphthalene	13.140	162	329370	19.942	ng/ul	98
45) 2-Nitroaniline	13.345	65	92912	18.839	ng/ul	94
47) Dimethylphthalate	13.734	163	436841	19.712	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	88777	21.179	ng/ul	98
50) Acenaphthylene	13.987	152	507729	20.710	ng/ul	99
51) 3-Nitroaniline	14.187	138	75940	19.289	ng/ul	97
52) Acenaphthene	14.328	153	337772	19.484	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	42143	13.665	ng/ul	97
55) 4-Nitrophenol	14.522	109	77954	18.825	ng/ul	95
56) Dibenzofuran	14.669	168	509340	19.560	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	132571	20.353	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.916	232	133084	20.568	ng/ul#	99
59) Diethylphthalate	15.122	149	434120	20.418	ng/ul	99
61) Fluorene	15.339	166	419603	19.776	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	246308	20.300	ng/ul	97
63) 4-Nitroaniline	15.357	138	81992	20.697	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.445	198	78222	16.083	ng/ul	97
67) N-Nitrosodiphenylamine	15.557	169	367818	20.006	ng/ul	100
68) 4-Bromophenyl-phenylether	16.251	248	175900	21.245	ng/ul	99
69) Hexachlorobenzene	16.363	284	216101	21.205	ng/ul	98
70) Atrazine	16.539	200	129098	16.892	ng/ul	96
71) Pentachlorophenol	16.722	266	130075	19.850	ng/ul	94
72) Phenanthrene	17.116	178	744462	20.267	ng/ul	99
74) Anthracene	17.216	178	749078	20.435	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	204111	19.525	ng/uL	98
76) Pentachlorobenzene	14.598	250	227024	19.645	ng/uL	100
77) Carbazole	17.492	167	640393	19.744	ng/ul	100
78) Di-n-butylphthalate	18.080	149	752061	20.955	ng/ul	100
80) Fluoranthene	19.204	202	964732	22.088	ng/ul	99
82) Pyrene	19.586	202	975640	20.841	ng/ul	98
83) Butylbenzylphthalate	20.533	149	354800	21.769	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	296531	17.315	ng/ul	100
85) Benzo(a)anthracene	21.486	228	1010076	20.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	507574	21.696	ng/ul	99
87) Chrysene	21.557	228	909784	19.481	ng/ul	100
89) Di-n-octyl phthalate	22.668	149	835850	21.967	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1018887	20.234	ng/ul	99
91) Benzo(k)fluoranthene	23.798	252	1020107	20.692	ng/ul	100
93) Benzo(a)pyrene	24.610	252	947875	20.453	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.480	276	1186207m	19.181	ng/ul	
95) Dibenzo(a,h)anthracene	28.539	278	978426	19.538	ng/ul	98
96) Benzo(g,h,i)perylene	29.603	276	942751	19.599	ng/ul	99

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

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