Quantitation Report (Qedit)

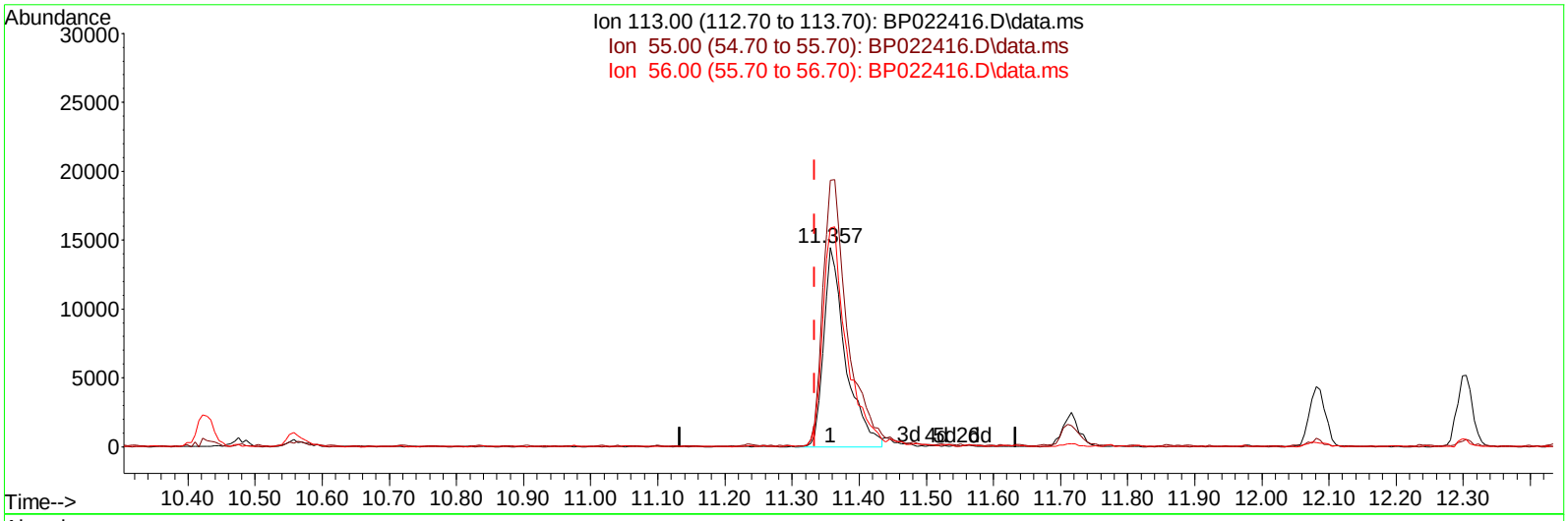
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022416.D
Acq On : 16 Oct 2024 16:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

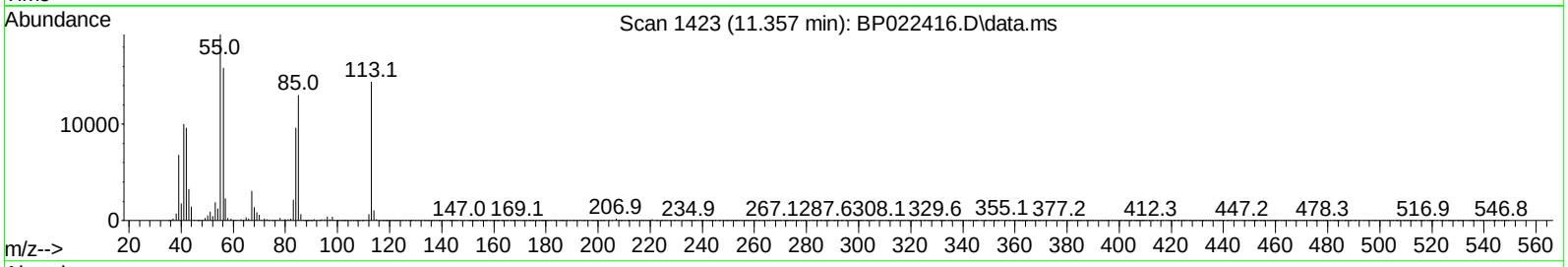
Quant Time: Oct 16 18:06:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 11:47:52 2024
Response via : Initial Calibration

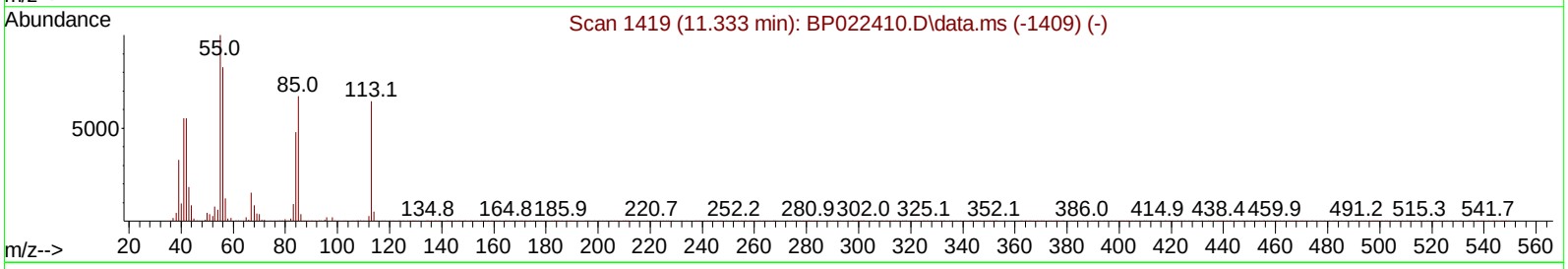
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024







TIC: BP022416.D\data.ms

(34) Caprolactam

11.357min (+ 0.024) 16.47 ng/ul

response 32686

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	133.80
56.00	130.00	109.78
0.00	0.00	0.00

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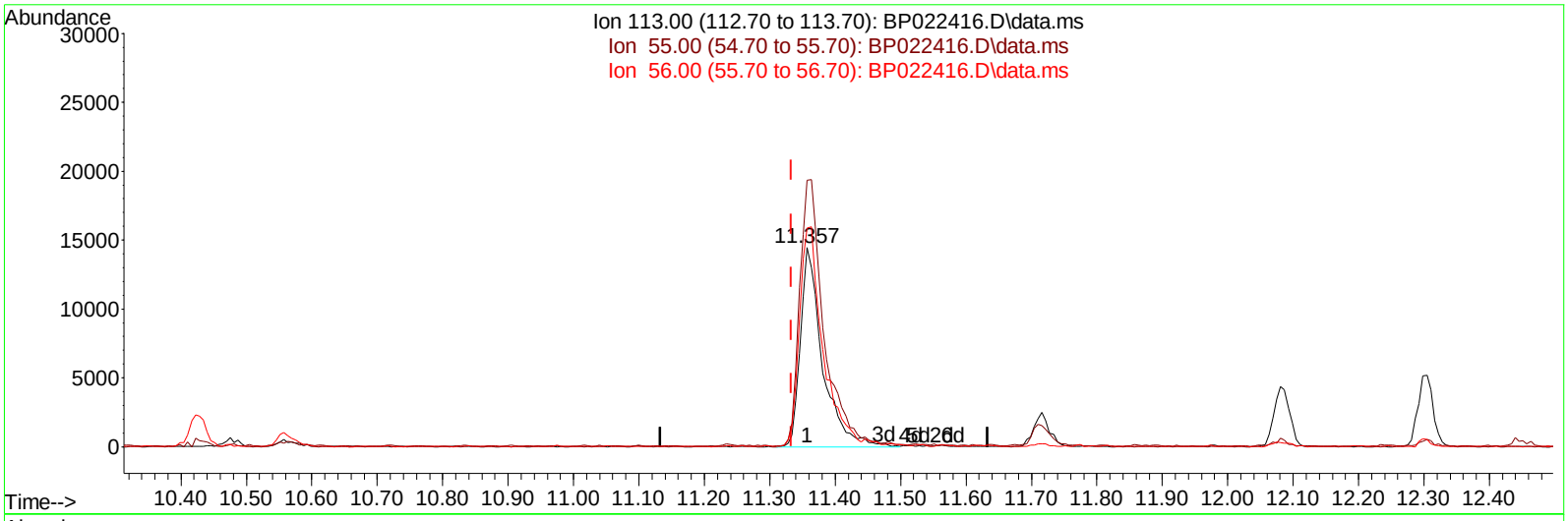

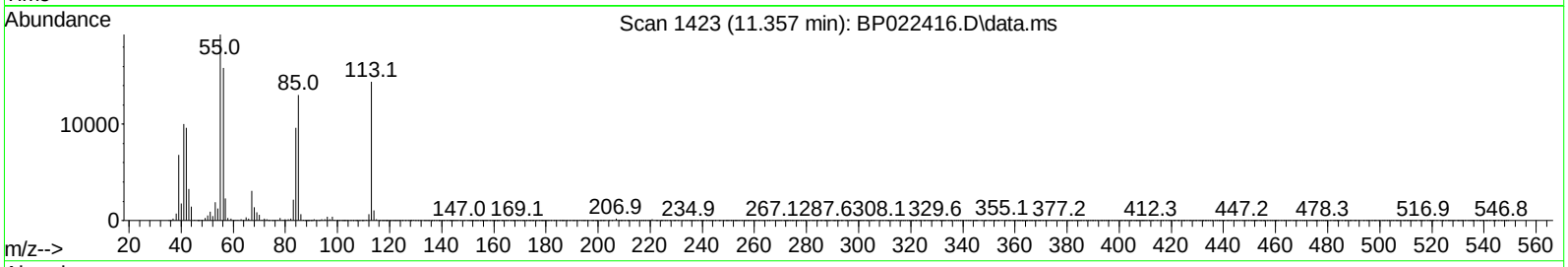

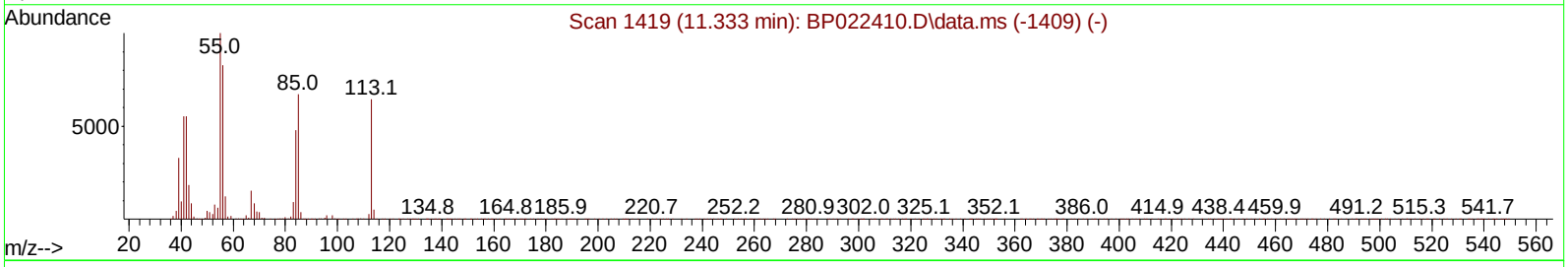

TIC: BP022416.D\data.ms

(34) Caprolactam

11.357min (+ 0.024) 16.96 ng/ul m

response 33671

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	133.80
56.00	130.00	109.78
0.00	0.00	0.00

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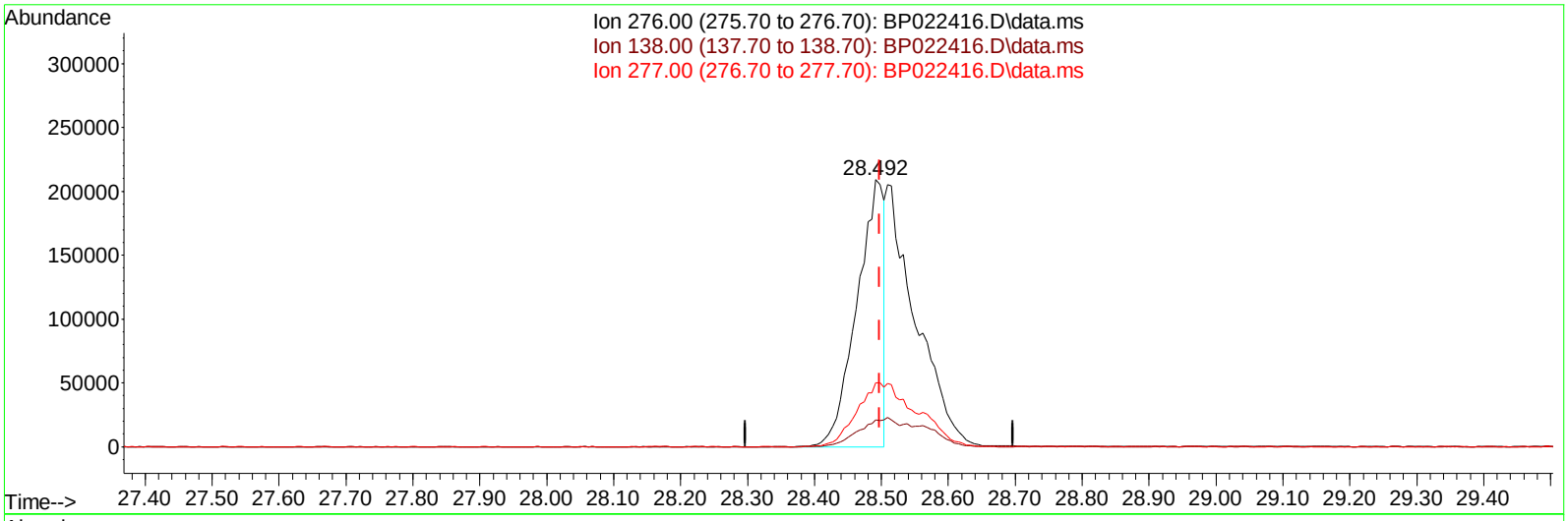

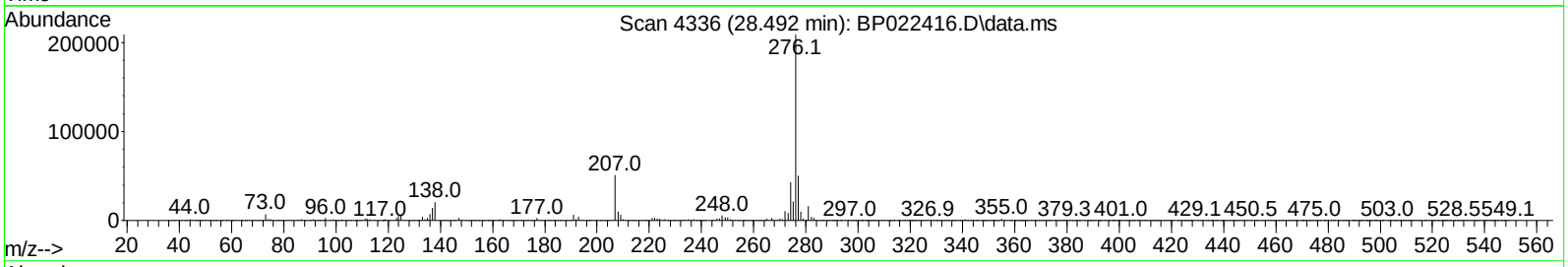

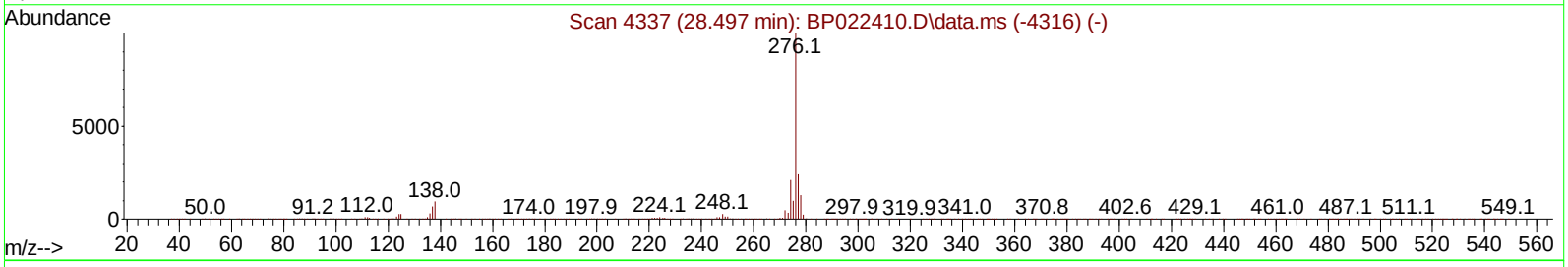

TIC: BP022416.D\data.ms

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

28.492min (-0.006) 8.96 ng/ul

response 586502

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.96
277.00	23.20	23.96
0.00	0.00	0.00

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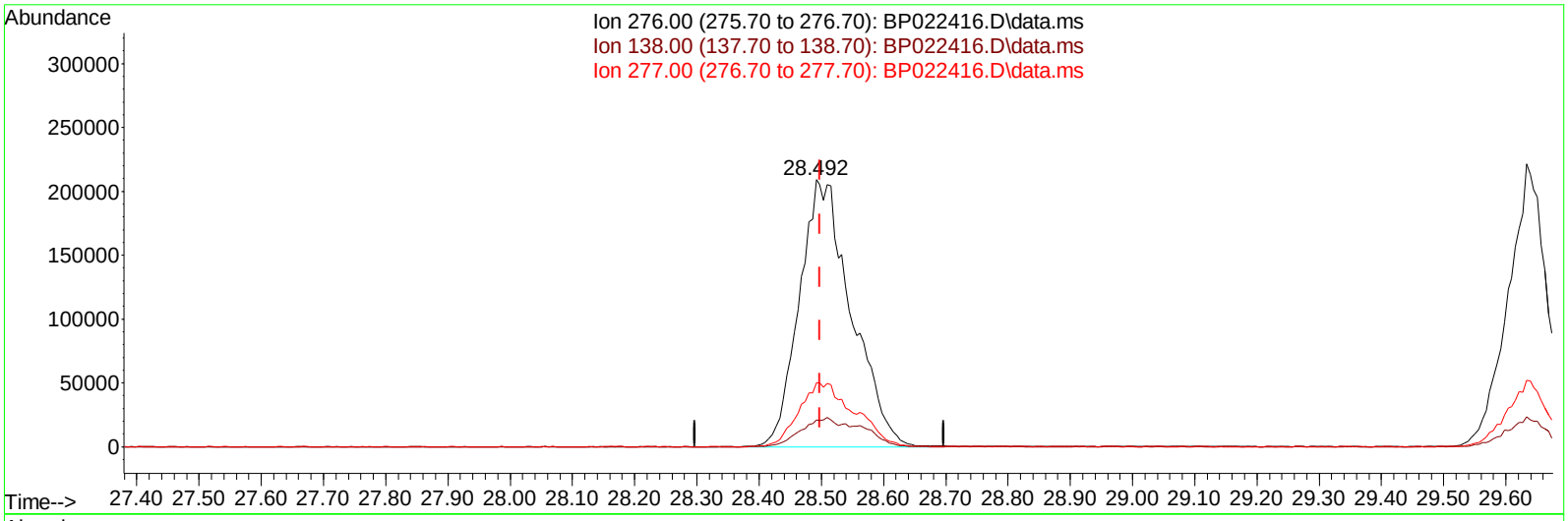

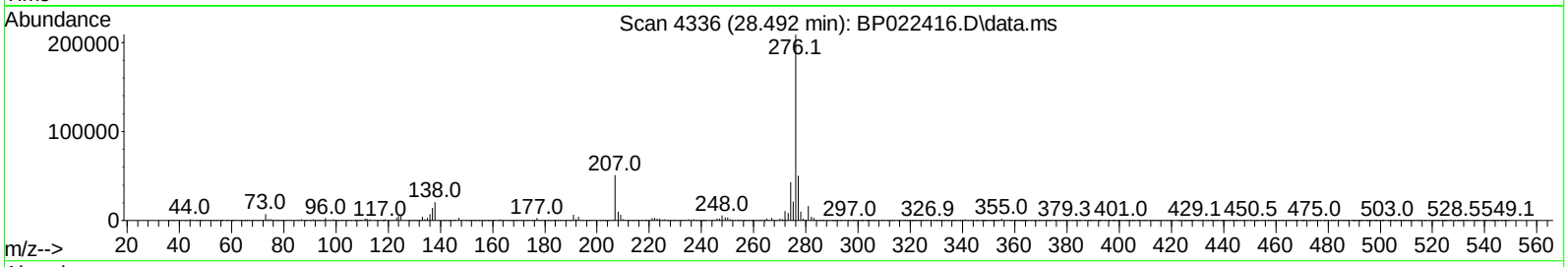

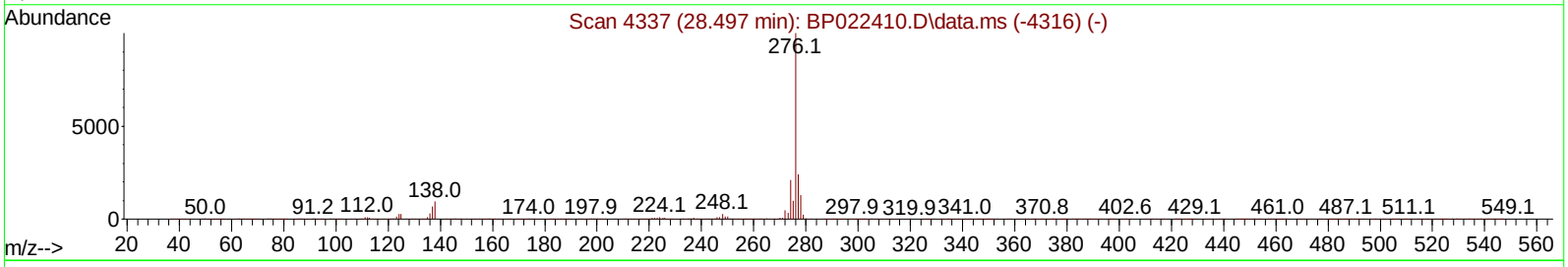

TIC: BP022416.D\data.ms

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

28.492min (-0.006) 18.52 ng/ul m

response 1212703

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.96
277.00	23.20	23.96
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	92898	20.000	ng/ul	0.04
20) Naphthalene-d8	10.422	136	330427	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.287	164	250912	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	606672	20.000	ng/ul	0.01
79) Chrysene-d12	21.516	240	726339	20.000	ng/ul	0.00
88) Perylene-d12	24.780	264	847079	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	17326	7.248	ng/uL	0.02
4) Pyridine-d5	3.611	84	119118	18.151	ng/ul	0.02
7) Phenol-d5	6.852	99	140312	17.943	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.011	67	84457	18.376	ng/ul	0.04
11) 2-Chlorophenol-d4	7.211	132	108301	19.518	ng/ul	0.04
15) 4-Methylphenol-d8	8.375	113	110680	17.735	ng/ul	0.04
21) Nitrobenzene-d5	8.805	128	51557	20.293	ng/ul	0.04
24) 2-Nitrophenol-d4	9.516	143	60407	20.537	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.057	165	125491	20.073	ng/ul	0.04
31) 4-Chloroaniline-d4	10.557	131	138257	18.716	ng/ul	0.02
46) Dimethylphthalate-d6	13.687	166	390923	19.609	ng/ul	0.02
49) Acenaphthylene-d8	13.969	160	418120	19.747	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	59497	17.790	ng/ul	0.00
60) Fluorene-d10	15.298	176	329819	19.074	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.422	200	72354	18.134	ng/ul	0.01
73) Anthracene-d10	17.186	188	560610	19.643	ng/ul	0.00
81) Pyrene-d10	19.569	212	732315	19.066	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.557	264	858460	18.976	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	19405	7.549	ng/uL	99
5) Pyridine	3.634	79	121112	17.998	ng/ul	97
6) Benzaldehyde	6.822	77	92602	21.913	ng/ul	97
8) Phenol	6.881	94	142095	17.465	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	114227	18.760	ng/ul	99
12) 2-Chlorophenol	7.240	128	111357	19.408	ng/ul	97
13) 2-Methylphenol	8.110	108	107427	18.194	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	128122	18.105	ng/ul	97
16) Acetophenone	8.475	105	180938	17.562	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.463	70	92123	17.649	ng/ul	97
18) 4-Methylphenol	8.434	108	112493	17.174	ng/ul	92
19) Hexachloroethane	8.728	117	53248	19.926	ng/ul	98
22) Nitrobenzene	8.846	77	146618	19.333	ng/ul	99
23) Isophorone	9.369	82	259603	19.092	ng/ul	99
25) 2-Nitrophenol	9.552	139	62344	19.667	ng/ul	95
26) 2,4-Dimethylphenol	9.616	107	134228	19.481	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.846	93	153678	19.905	ng/ul	99
29) 2,4-Dichlorophenol	10.081	162	120399	19.557	ng/ul	98
30) Naphthalene	10.475	128	350650	19.924	ng/ul	99
32) 4-Chloroaniline	10.581	127	136795	18.760	ng/ul	95
33) Hexachlorobutadiene	10.757	225	106370	20.500	ng/ul	98
34) Caprolactam	11.357	113	33671m	16.965	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	127026	18.911	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	249267	19.295	ng/ul	96
37) 1-Methylnaphthalene	12.304	142	259662	19.692	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	183075	19.733	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	123190	21.794	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	115139	19.730	ng/ul	96
42) 2,4,5-Trichlorophenol	12.781	196	121287	19.519	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	355830	19.675	ng/ul	100
44) 2-Chloronaphthalene	13.146	162	290463	19.619	ng/ul	98
45) 2-Nitroaniline	13.351	65	82872	18.746	ng/ul	96
47) Dimethylphthalate	13.734	163	389594	19.612	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	75775	20.167	ng/ul	95
50) Acenaphthylene	13.998	152	441426	20.088	ng/ul	98
51) 3-Nitroaniline	14.198	138	66688	18.897	ng/ul	99
52) Acenaphthene	14.351	153	304111	19.570	ng/ul	100
53) 2,4-Dinitrophenol	14.404	184	55816	20.190	ng/ul	97
55) 4-Nitrophenol	14.522	109	66341	17.873	ng/ul	98
56) Dibenzofuran	14.687	168	445212	19.073	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	114382	19.590	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.928	232	115057	19.837	ng/ul	98
59) Diethylphthalate	15.116	149	374510	19.651	ng/ul	98
61) Fluorene	15.351	166	371567	19.537	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	211655	19.460	ng/ul	97
63) 4-Nitroaniline	15.375	138	70121	19.746	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.434	198	79745	18.555	ng/ul	100
67) N-Nitrosodiphenylamine	15.569	169	314594	19.364	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	148553	20.305	ng/ul	94
69) Hexachlorobenzene	16.387	284	183489	20.376	ng/ul	99
70) Atrazine	16.551	200	130828	19.373	ng/ul	96
71) Pentachlorophenol	16.734	266	120297	20.776	ng/ul	97
72) Phenanthrene	17.128	178	641337	19.759	ng/ul	99
74) Anthracene	17.222	178	647381	19.987	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	181513	19.650	ng/uL	97
76) Pentachlorobenzene	14.616	250	202026	19.784	ng/uL	97
77) Carbazole	17.504	167	554802	19.358	ng/ul	98
78) Di-n-butylphthalate	18.092	149	649635	20.485	ng/ul	100
80) Fluoranthene	19.222	202	853928	19.338	ng/ul	100
82) Pyrene	19.598	202	884698	18.693	ng/ul	99
83) Butylbenzylphthalate	20.551	149	319256	19.375	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	359127	20.742	ng/ul	98
85) Benzo(a)anthracene	21.498	228	993528	19.512	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	478847	20.246	ng/ul	99
87) Chrysene	21.563	228	929591	19.689	ng/ul	100
89) Di-n-octyl phthalate	22.680	149	815930	20.250	ng/ul	100
90) Benzo(b)fluoranthene	23.751	252	1061400	19.906	ng/ul	99
91) Benzo(k)fluoranthene	23.816	252	1057270	20.253	ng/ul	99
93) Benzo(a)pyrene	24.627	252	982528	20.021	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.492	276	1212703m	18.518	ng/ul	
95) Dibenzo(a,h)anthracene	28.568	278	1011027	19.066	ng/ul#	98
96) Benzo(g,h,i)perylene	29.633	276	962475	18.895	ng/ul	100

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

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