Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
Data File : BP020883.D
Acq On : 10 Jul 2024 16:40
Operator : MA/JU
Sample : SSTD04022
Misc :
ALS Vial : 5 Sample Multiplier: 1

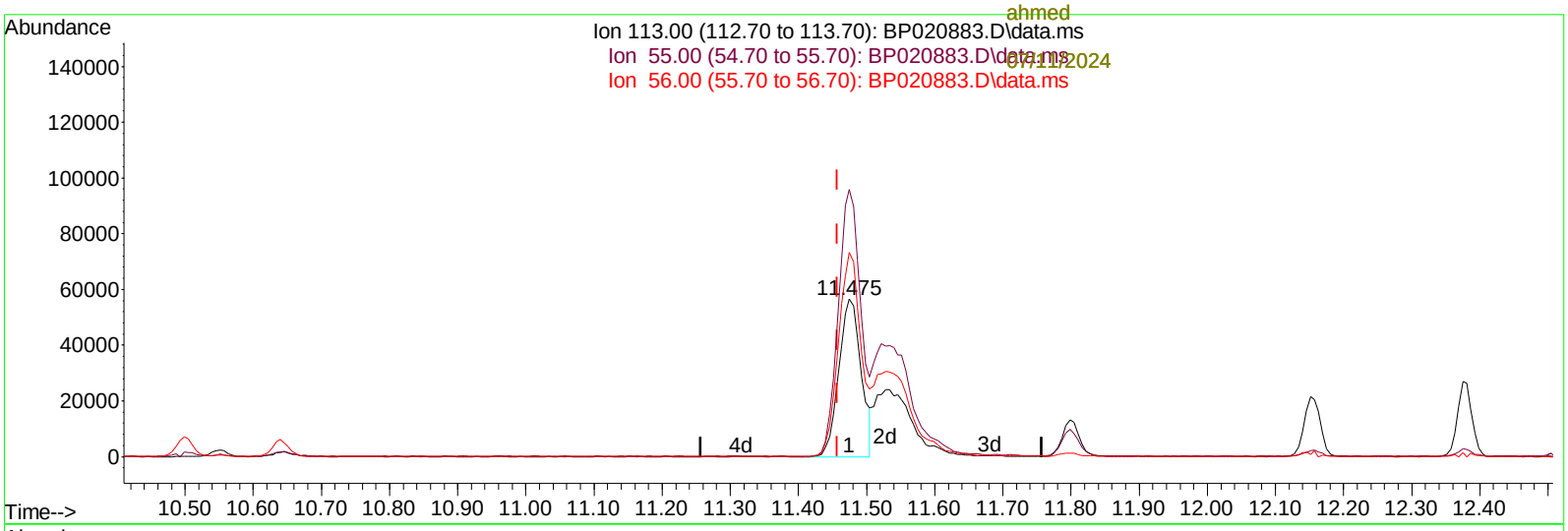
Quant Time: Jul 10 17:08:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 16:42:26 2024
Response via : Initial Calibration

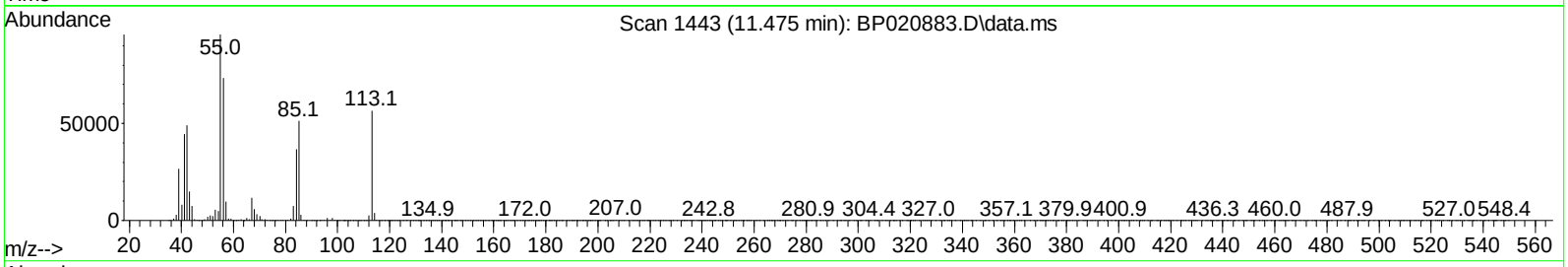
Instrument :
BNA_P
ClientSampleId :
SSTD040647

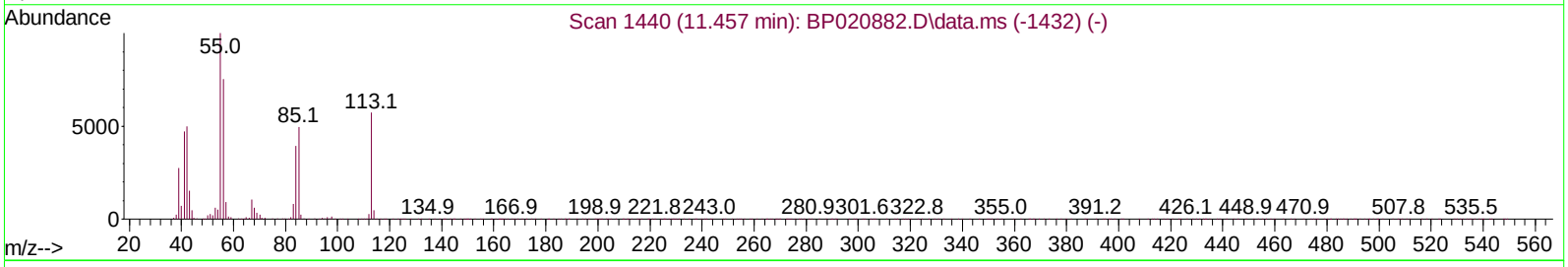
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

07/11/2024
Supervised By :mohammad ahmed
07/11/2024







TIC: BP020883.D\data.ms

(34) Caprolactam

11.475min (+ 0.018) 27.65 ng/ul

response 128279

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	169.37
56.00	131.90	129.55
0.00	0.00	0.00

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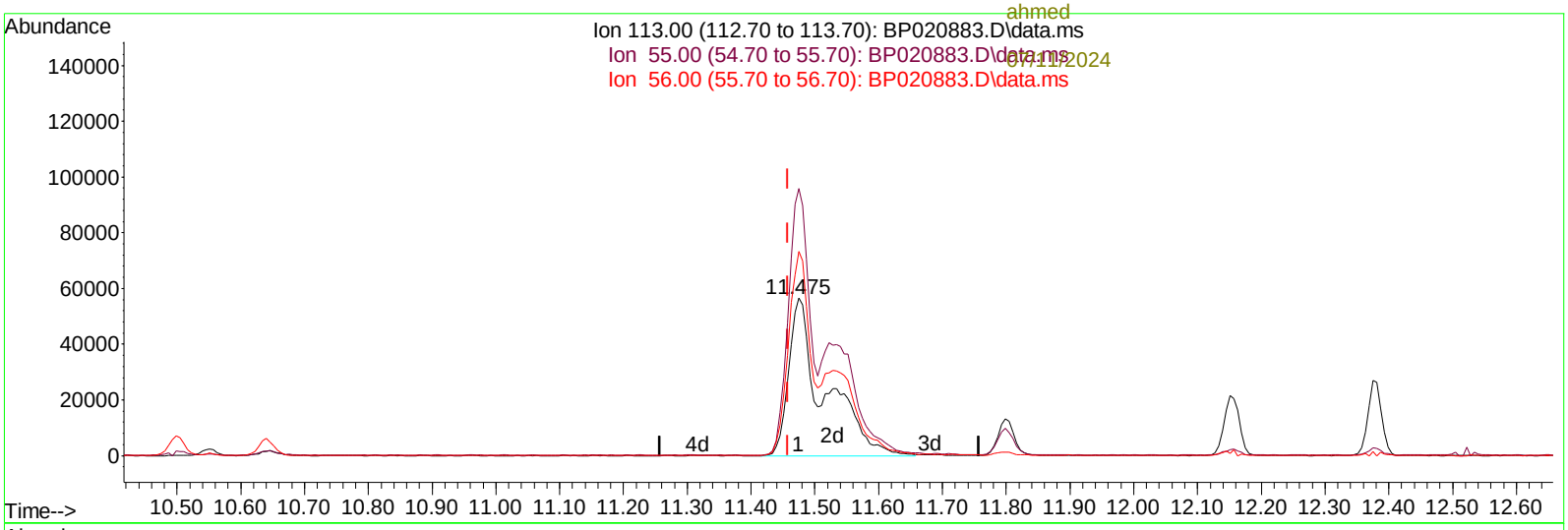

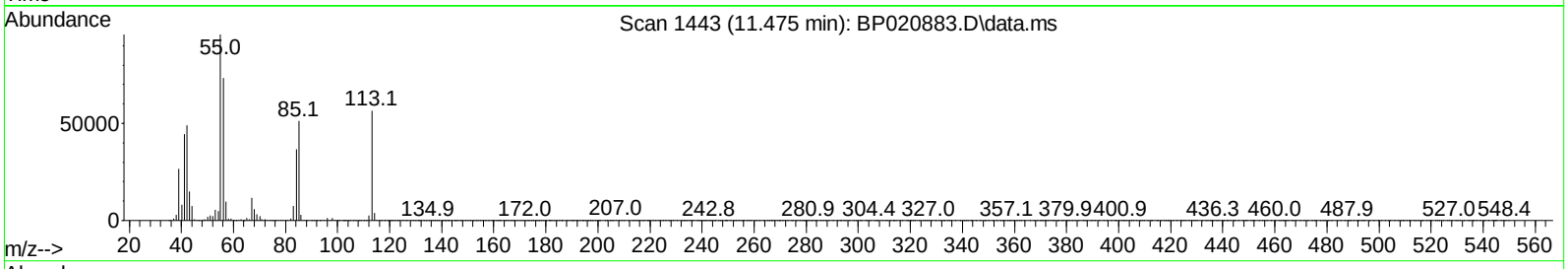

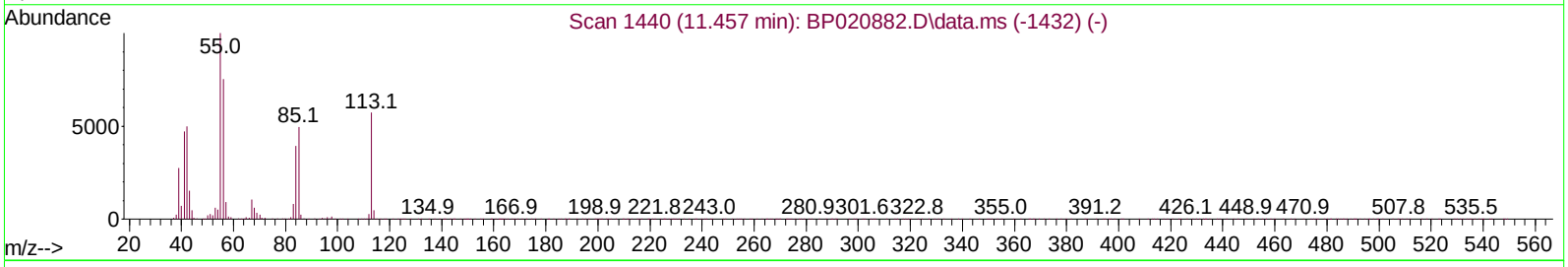

TIC: BP020883.D\data.ms

(34) Caprolactam

11.475min (+ 0.018) 47.45 ng/ul m

response 220120

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	169.37
56.00	131.90	129.55
0.00	0.00	0.00

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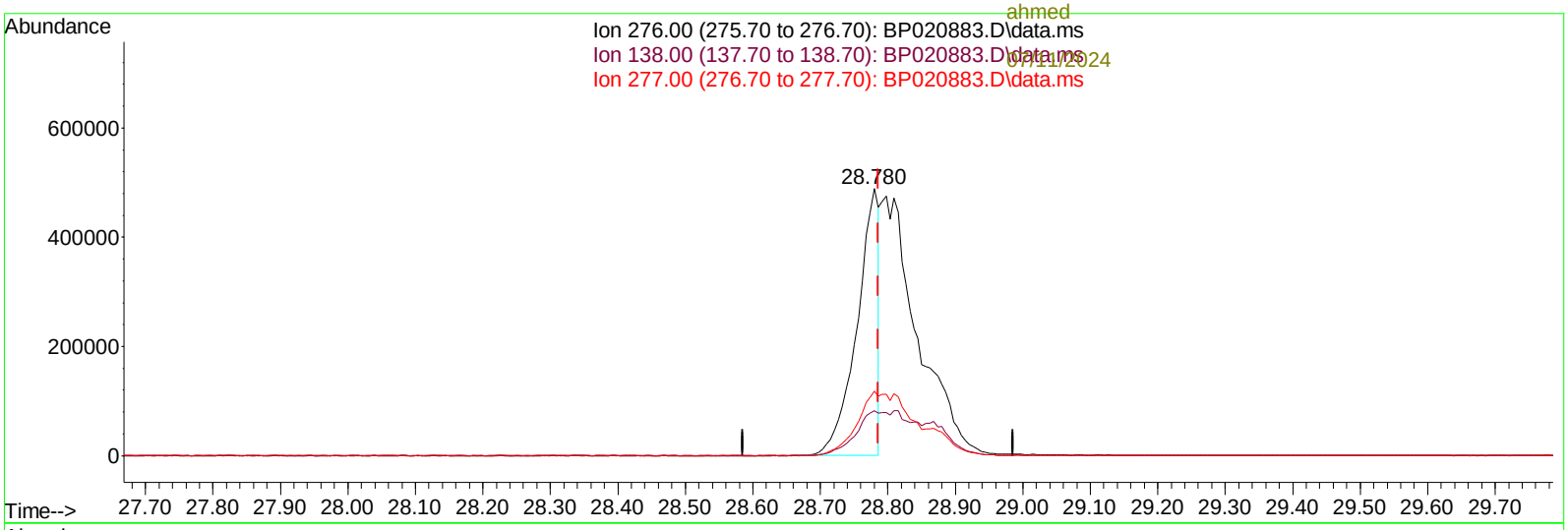

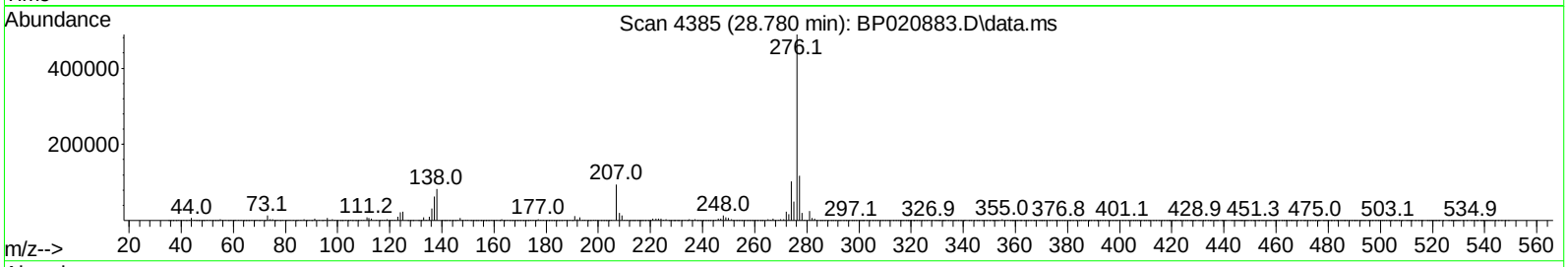

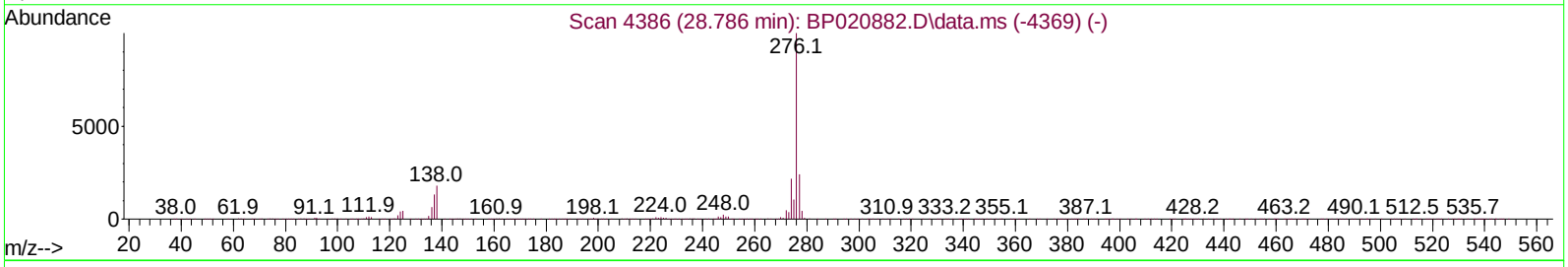

TIC: BP020883.D\data.ms

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

28.780min (-0.006) 15.08 ng/ul

response 1103487

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.86
277.00	24.00	24.22
0.00	0.00	0.00

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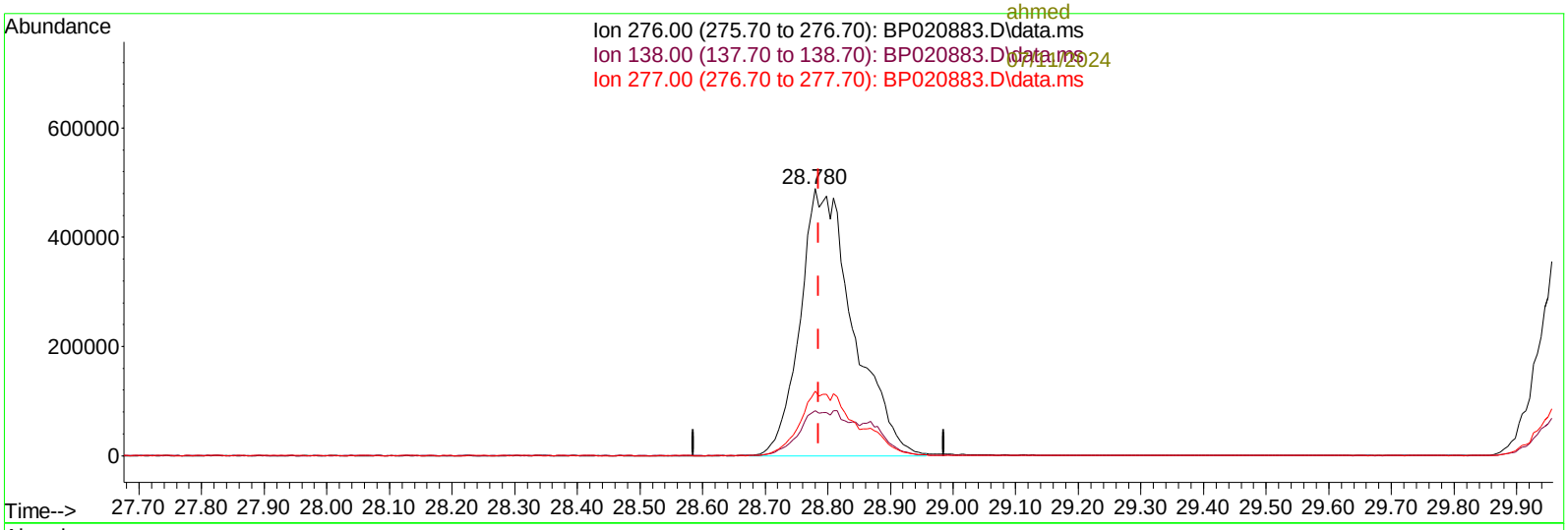

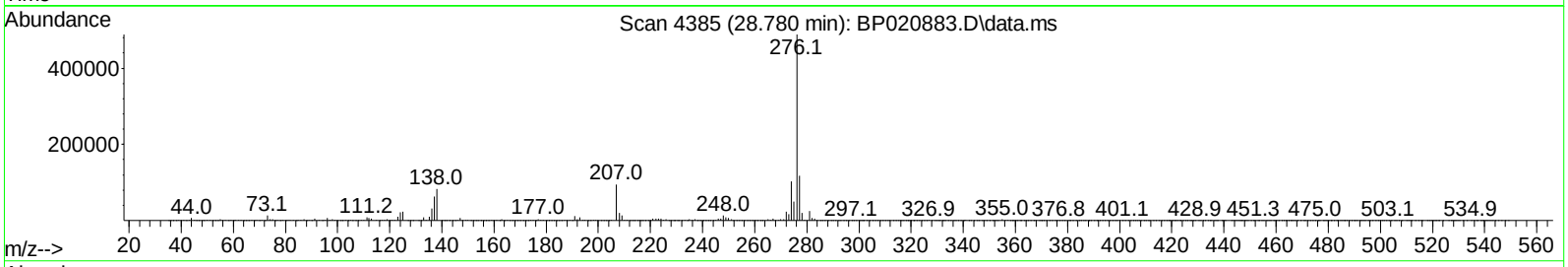

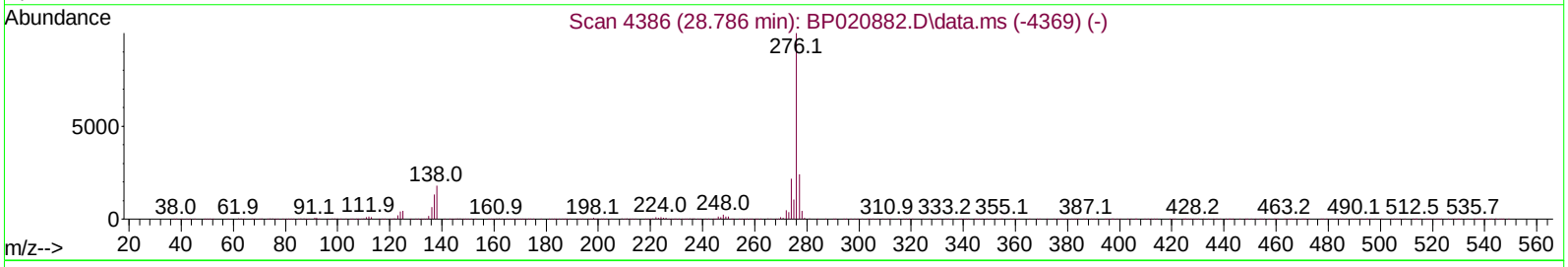

TIC: BP020883.D\data.ms

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

28.780min (-0.006) 39.47 ng/ul m

response 2888030

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.86
277.00	24.00	24.22
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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07/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	229541	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	999180	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	669228	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1419691	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1048431	20.000	ng/ul	0.01
88) Perylene-d12	24.980	264	990286	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	78069	14.675	ng/uL	0.00
4) Pyridine-d5	3.669	84	596500	38.581	ng/ul	0.00
7) Phenol-d5	6.922	99	767874	40.747	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	470062	39.582	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	639634	41.216	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	659251	42.721	ng/ul	0.01
21) Nitrobenzene-d5	8.887	128	327196	43.970	ng/ul	0.02
24) 2-Nitrophenol-d4	9.593	143	380837	49.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	681610	44.399	ng/ul	0.01
31) 4-Chloroaniline-d4	10.640	131	917383	43.106	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	2037743	43.642	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	2277288	41.217	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	322783	45.818	ng/ul	0.00
60) Fluorene-d10	15.375	176	1671132	42.615	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	376195	49.993	ng/ul	0.00
73) Anthracene-d10	17.275	188	2543328	40.270	ng/ul	0.00
81) Pyrene-d10	19.663	212	2802916	43.893	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	2023471	41.966	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	86193	14.613	ng/uL	96
5) Pyridine	3.687	79	605823	38.017	ng/ul	100
6) Benzaldehyde	6.893	77	433709	45.265	ng/ul	99
8) Phenol	6.952	94	777361	40.578	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.163	93	642183	40.305	ng/ul	98
12) 2-Chlorophenol	7.305	128	631854	40.607	ng/ul	99
13) 2-Methylphenol	8.181	108	613098	41.475	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	941011	39.235	ng/ul	98
16) Acetophenone	8.552	105	1022928	41.889	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.534	70	521845	40.238	ng/ul	99
18) 4-Methylphenol	8.505	108	662768	42.338	ng/ul	96
19) Hexachloroethane	8.787	117	278284	41.071	ng/ul	99
22) Nitrobenzene	8.928	77	764108	40.172	ng/ul	99
23) Isophorone	9.451	82	1529946	40.650	ng/ul	100
25) 2-Nitrophenol	9.622	139	397462	48.243	ng/ul	99
26) 2,4-Dimethylphenol	9.687	107	753015	40.640	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	918579	40.765	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	657823	43.309	ng/ul	99
30) Naphthalene	10.551	128	2091432	39.337	ng/ul	100
32) 4-Chloroaniline	10.663	127	867215	42.354	ng/ul	99
33) Hexachlorobutadiene	10.816	225	472652	41.637	ng/ul	99
34) Caprolactam	11.475	113	220120m	47.453	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	736659	43.935	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

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07/11/2024

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.151	142	1468218	41.041	ng/ul	99
37)	1-Methylnaphthalene	12.375	142	1520702	41.433	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.522	216	880286	41.095	ng/ul	98
40)	Hexachlorocyclopentadiene	12.487	237	481724	37.402	ng/ul	99
41)	2,4,6-Trichlorophenol	12.781	196	575655	44.570	ng/ul	98
42)	2,4,5-Trichlorophenol	12.857	196	621143	46.329	ng/ul	99
43)	1,1'-Biphenyl	13.175	154	1965589	39.517	ng/ul	99
44)	2-Chloronaphthalene	13.216	162	1558892	39.797	ng/ul	99
45)	2-Nitroaniline	13.445	65	479139	47.435	ng/ul	98
47)	Dimethylphthalate	13.822	163	2051332	43.023	ng/ul	99
48)	2,6-Dinitrotoluene	13.945	165	439834	50.812	ng/ul	96
50)	Acenaphthylene	14.081	152	2543176	40.831	ng/ul	99
51)	3-Nitroaniline	14.281	138	395463	49.167	ng/ul	96
52)	Acenaphthene	14.422	153	1666334	40.290	ng/ul	99
53)	2,4-Dinitrophenol	14.510	184	247209	54.446	ng/ul	98
55)	4-Nitrophenol	14.628	109	263527	42.410	ng/ul	92
56)	Dibenzofuran	14.763	168	2278112	40.756	ng/ul	99
57)	2,4-Dinitrotoluene	14.751	165	610688	50.970	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.004	232	545082	48.636	ng/ul	95
59)	Diethylphthalate	15.210	149	2064156	43.963	ng/ul	99
61)	Fluorene	15.434	166	1878736	41.742	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.422	204	1013443	42.776	ng/ul	99
63)	4-Nitroaniline	15.475	138	355774	47.337	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.534	198	396496	49.316	ng/ul	94
67)	N-Nitrosodiphenylamine	15.651	169	1628295	39.122	ng/ul	100
68)	4-Bromophenyl-phenylether	16.345	248	665615	41.612	ng/ul	100
69)	Hexachlorobenzene	16.451	284	773290	43.181	ng/ul	99
70)	Atrazine	16.639	200	640614	42.950	ng/ul	99
71)	Pentachlorophenol	16.816	266	445370	43.339	ng/ul	95
72)	Phenanthrene	17.216	178	2902403	39.309	ng/ul	100
74)	Anthracene	17.310	178	3001467	39.522	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.140	216	880363	38.499	ng/uL	98
76)	Pentachlorobenzene	14.681	250	871345	39.441	ng/uL	99
77)	Carbazole	17.604	167	2601954	41.653	ng/ul	100
78)	Di-n-butylphthalate	18.186	149	3515265	42.748	ng/ul	100
80)	Fluoranthene	19.316	202	3357775	43.031	ng/ul	100
82)	Pyrene	19.692	202	3363539	42.271	ng/ul	98
83)	Butylbenzylphthalate	20.639	149	1403126	46.517	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.539	252	988795	42.144	ng/ul	99
85)	Benzo(a)anthracene	21.610	228	2960271	40.181	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.533	149	1965915	42.805	ng/ul	99
87)	Chrysene	21.686	228	2754176	39.808	ng/ul	99
89)	Di-n-octyl phthalate	22.816	149	3002672	46.652	ng/ul	100
90)	Benzo(b)fluoranthene	23.915	252	2470412	41.242	ng/ul	99
91)	Benzo(k)fluoranthene	23.992	252	2487705	41.111	ng/ul	99
93)	Benzo(a)pyrene	24.821	252	2344382	41.370	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.780	276	2888030m	39.473	ng/ul	
95)	Dibenzo(a,h)anthracene	28.868	278	2393392	39.822	ng/ul	99
96)	Benzo(g,h,i)perylene	29.980	276	2338636	39.097	ng/ul	98

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

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