Quantitation Report (Qedit)

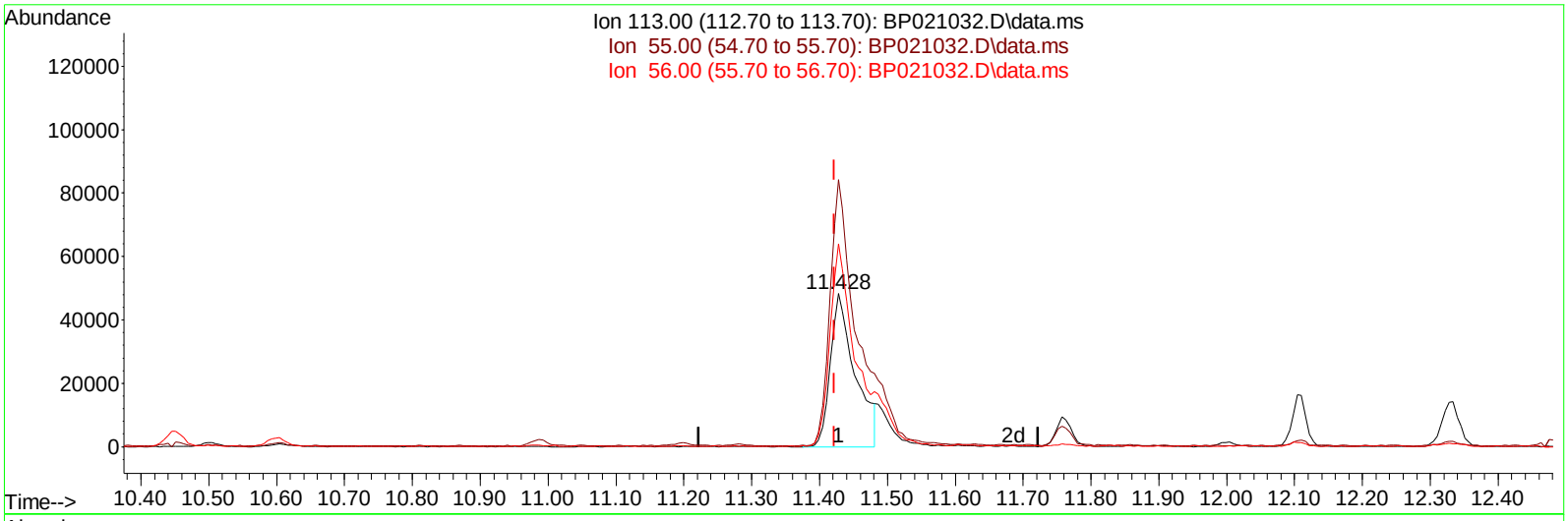
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021032.D
Acq On : 18 Jul 2024 02:09
Operator : MA/JU
Sample : P3215-10MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

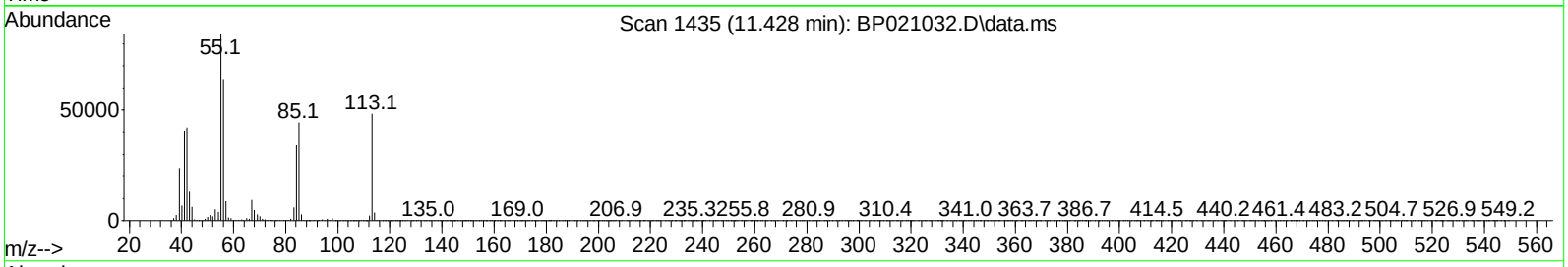
Quant Time: Jul 18 02:39:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

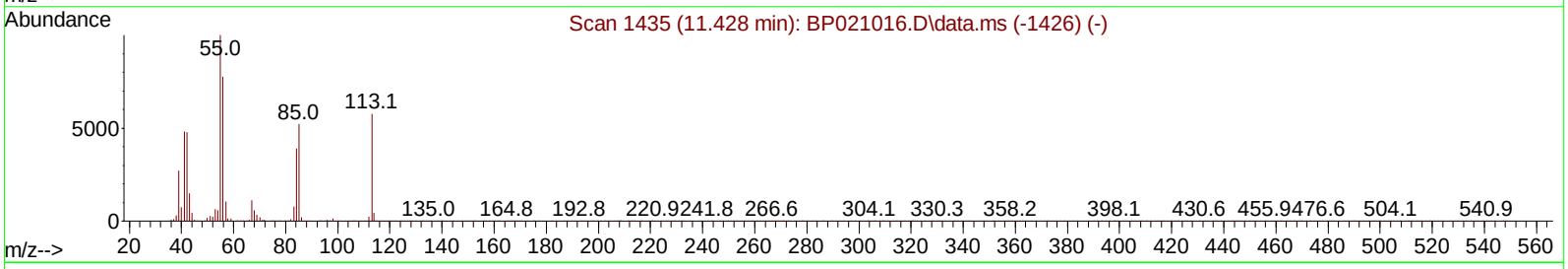
Instrument :
BNA_P
ClientSampleId :
A4D23MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024







TIC: BP021032.D\data.ms

(34) Caprolactam

11.428min (+ 0.006) 32.96 ng/ul

response 122127

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	174.19
56.00	131.90	132.41
0.00	0.00	0.00

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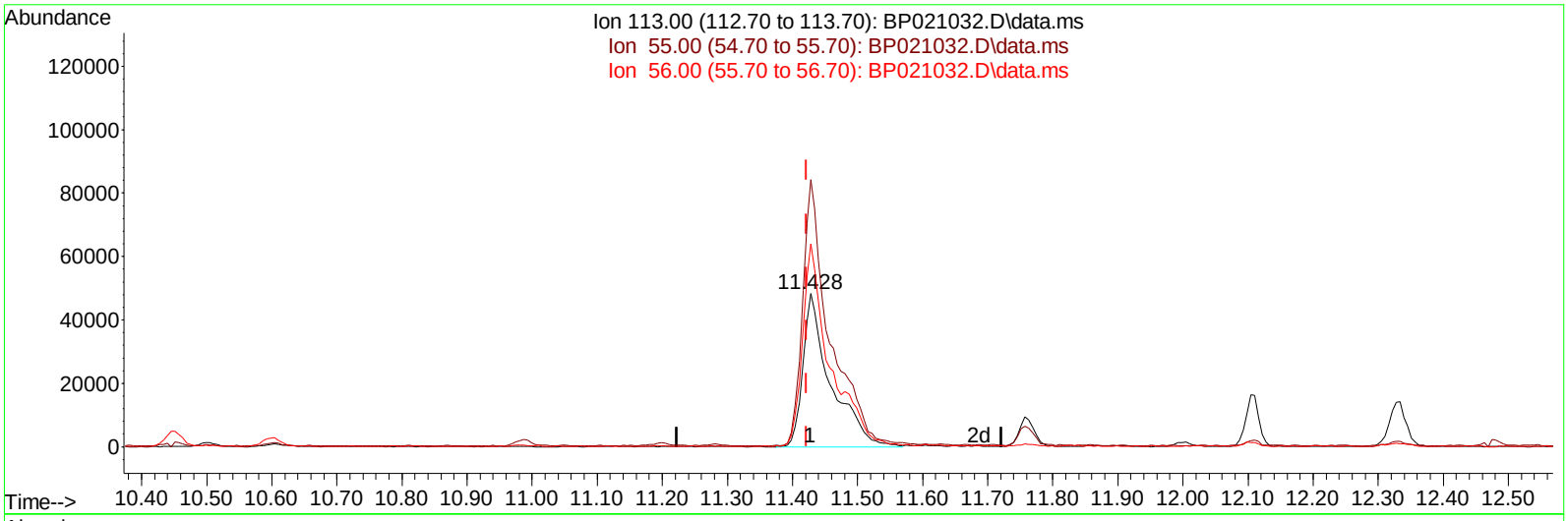

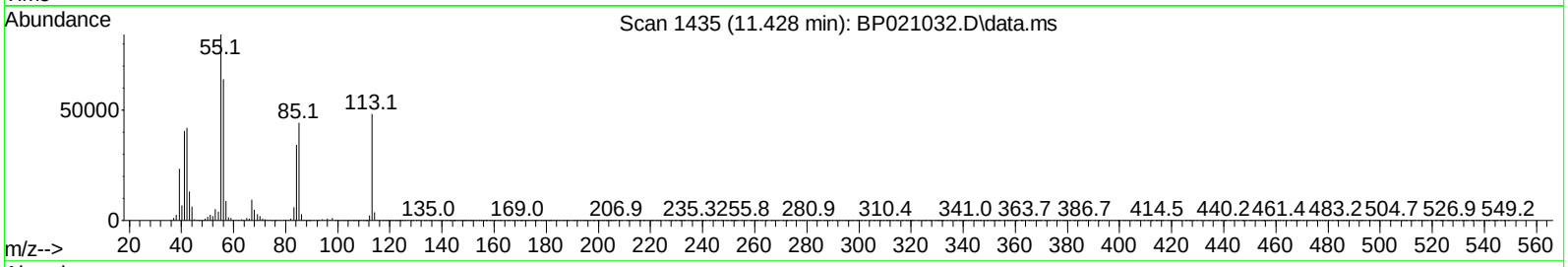

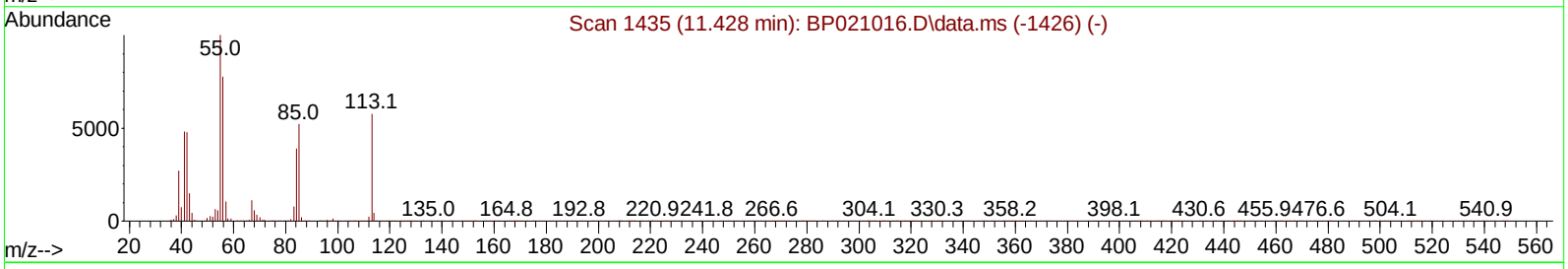

TIC: BP021032.D\data.ms

(34) Caprolactam

11.428min (+ 0.006) 38.46 ng/ul m

response 142505

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	174.19
56.00	131.90	132.41
0.00	0.00	0.00

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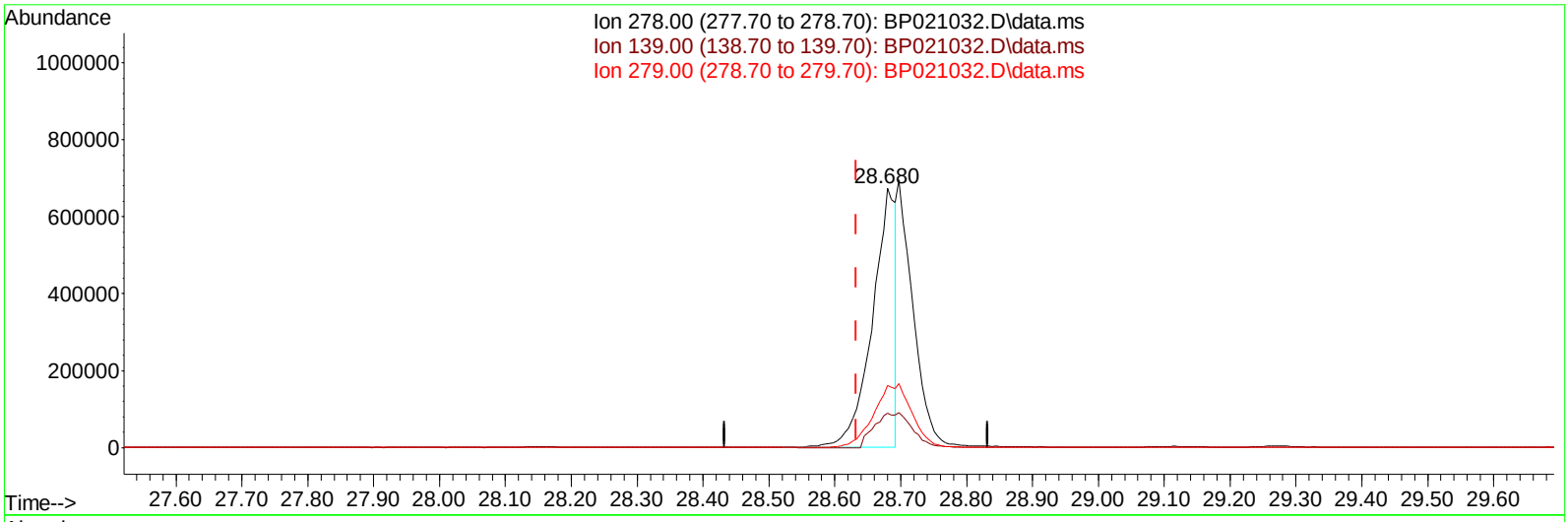

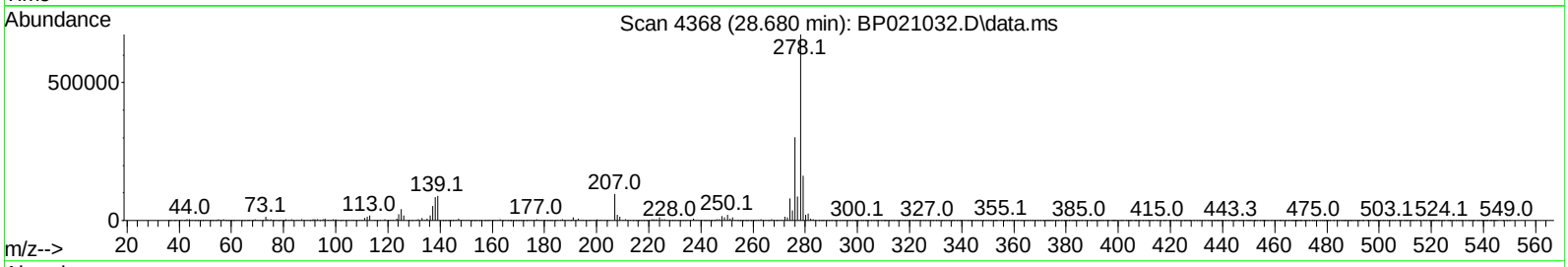

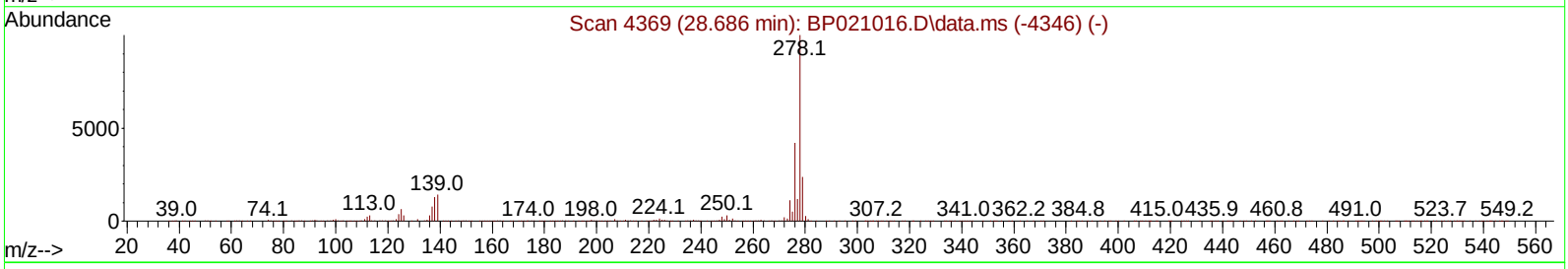

TIC: BP021032.D\data.ms

(95) Dibenzo(a,h)anthracene

28.680min (+ 0.047) 20.14 ng/ul

response 1651772

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.28
279.00	24.20	24.04
0.00	0.00	0.00

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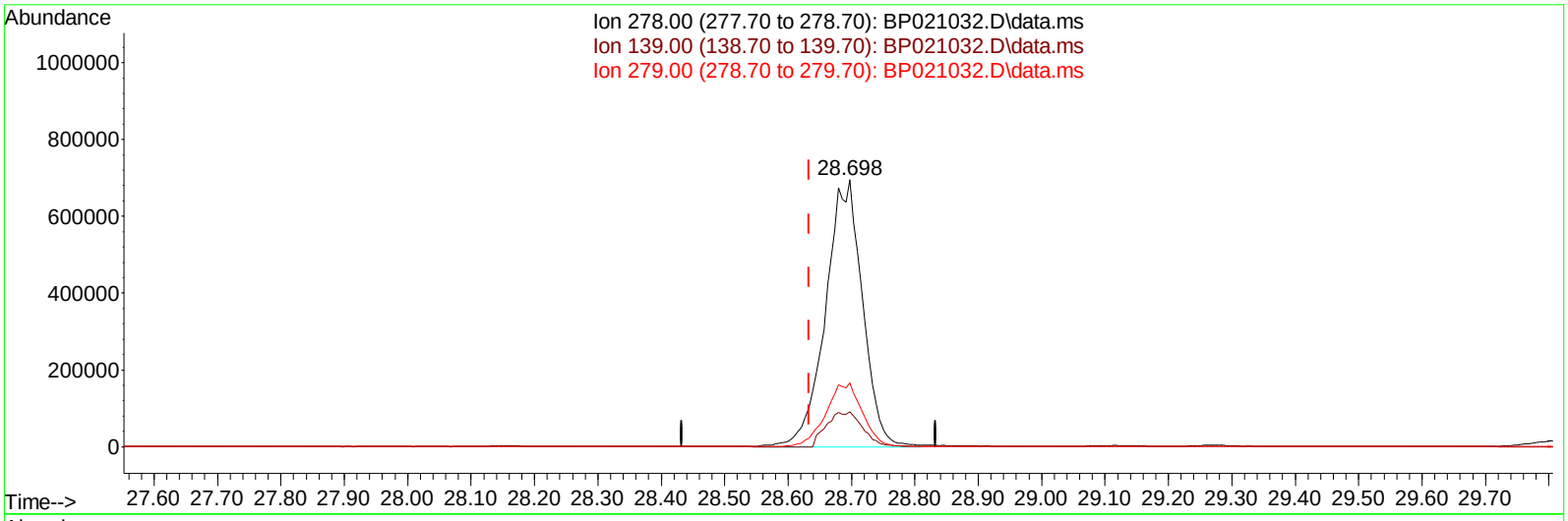

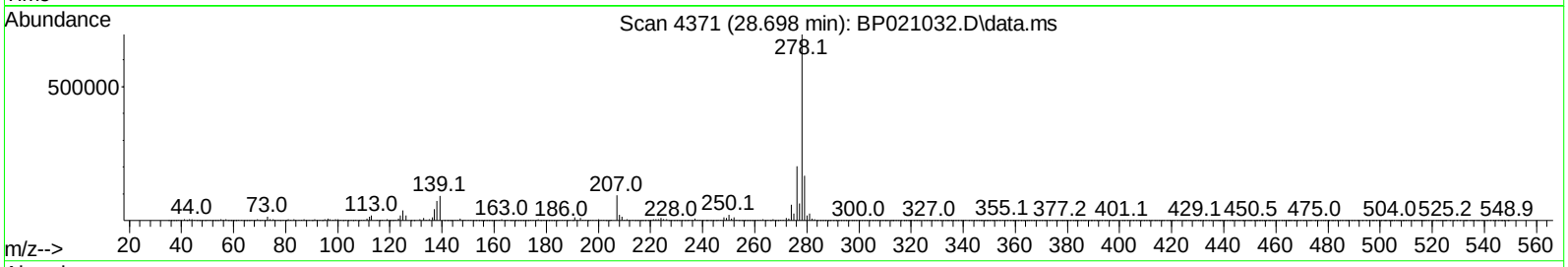

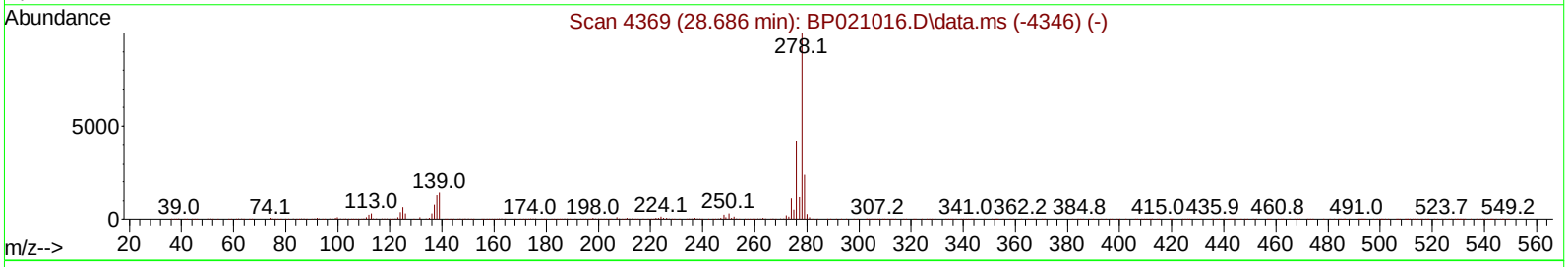

TIC: BP021032.D\data.ms

(95) Dibenzo(a,h)anthracene

28.698min (+ 0.065) 34.22 ng/ul m

response 2806374

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.17
279.00	24.20	23.96
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : P3215-10MSD
Misc :
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Quant Time: Jul 18 02:44:01 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	183141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	759312	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	496493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1099532	20.000	ng/ul	0.01
79) Chrysene-d12	21.563	240	1089366	20.000	ng/ul	0.01
88) Perylene-d12	24.862	264	1340066	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	17175	4.268	ng/uL	0.00
4) Pyridine-d5	3.658	84	241769	20.750	ng/ul	0.00
7) Phenol-d5	6.893	99	440392	29.495	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	257896	28.501	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	359880	29.254	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	367672	29.649	ng/ul	0.01
21) Nitrobenzene-d5	8.840	128	177273	30.058	ng/ul	0.01
24) 2-Nitrophenol-d4	9.546	143	207642	30.761	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	382097	31.304	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	432999	26.778	ng/ul	0.02
46) Dimethylphthalate-d6	13.716	166	1100373	30.488	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1249688	30.836	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	165171	32.165	ng/ul	0.00
60) Fluorene-d10	15.328	176	949166	32.056	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	187790	28.227	ng/ul	0.00
73) Anthracene-d10	17.228	188	1535961	31.452	ng/ul	0.00
81) Pyrene-d10	19.604	212	1911460	28.381	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.639	264	2064794	31.241	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	53001	11.974	ng/uL	98
5) Pyridine	3.675	79	372966	31.035	ng/ul	96
6) Benzaldehyde	6.858	77	246111	32.695	ng/ul	98
8) Phenol	6.916	94	538052	35.612	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.134	93	400426	32.083	ng/ul	99
12) 2-Chlorophenol	7.269	128	423320	34.334	ng/ul	98
13) 2-Methylphenol	8.140	108	407225	34.851	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	582228	32.289	ng/ul	98
16) Acetophenone	8.505	105	639817	33.429	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.487	70	319970	31.906	ng/ul	99
18) 4-Methylphenol	8.463	108	448442	35.824	ng/ul	95
19) Hexachloroethane	8.740	117	171395	30.934	ng/ul	99
22) Nitrobenzene	8.881	77	479223	33.921	ng/ul	98
23) Isophorone	9.399	82	923658	32.887	ng/ul	98
25) 2-Nitrophenol	9.575	139	252840	35.914	ng/ul	98
26) 2,4-Dimethylphenol	9.646	107	470833	33.915	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93	548719	32.141	ng/ul	100
29) 2,4-Dichlorophenol	10.116	162	436162	36.258	ng/ul	99
30) Naphthalene	10.504	128	1359092	34.028	ng/ul	100
32) 4-Chloroaniline	10.628	127	438278	28.384	ng/ul	99
33) Hexachlorobutadiene	10.757	225	293020	32.487	ng/ul	99
34) Caprolactam	11.428	113	142505m	38.456	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	483000	36.939	ng/ul	99

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A4D23MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.104	142	935518	34.122	ng/ul	99
37) 1-Methylnaphthalene	12.334	142	954521	33.851	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	559585	34.705	ng/ul	98
40) Hexachlorocyclopentadiene	12.445	237	139631	16.554	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	358930	35.229	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	392516	36.412	ng/ul	100
43) 1,1'-Biphenyl	13.134	154	1245857	34.336	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	989964	34.176	ng/ul	100
45) 2-Nitroaniline	13.404	65	311000	38.824	ng/ul	99
47) Dimethylphthalate	13.763	163	1246140	34.027	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	263063	35.929	ng/ul	96
50) Acenaphthylene	14.028	152	1566779	34.146	ng/ul	99
51) 3-Nitroaniline	14.240	138	265674	41.698	ng/ul	98
52) Acenaphthene	14.375	153	1028752	33.779	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	139862	36.375	ng/ul	98
55) 4-Nitrophenol	14.592	109	160275	38.369	ng/ul	95
56) Dibenzofuran	14.716	168	1465969	35.151	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	383599	38.166	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.957	232	327198	35.446	ng/ul	99
59) Diethylphthalate	15.157	149	1224636	33.461	ng/ul	99
61) Fluorene	15.381	166	1194579	35.101	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	614638	33.283	ng/ul	99
63) 4-Nitroaniline	15.434	138	270601	51.286	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.486	198	229812	32.574	ng/ul#	97
67) N-Nitrosodiphenylamine	15.598	169	1057104	33.016	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	405432	31.459	ng/ul	99
69) Hexachlorobenzene	16.404	284	485381	32.847	ng/ul	97
70) Atrazine	16.581	200	310143	26.578	ng/ul	100
71) Pentachlorophenol	16.775	266	269882	33.627	ng/ul	96
72) Phenanthrene	17.175	178	2025305	35.507	ng/ul	99
74) Anthracene	17.263	178	1936996	33.311	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	553985	31.479	ng/uL	98
76) Pentachlorobenzene	14.639	250	549442	31.420	ng/uL	100
77) Carbazole	17.551	167	1861650	39.163	ng/ul	100
78) Di-n-butylphthalate	18.122	149	2273696	34.669	ng/ul	100
80) Fluoranthene	19.251	202	2632980	32.372	ng/ul	99
82) Pyrene	19.633	202	2718963	32.852	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1110430	32.202	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.469	252	659344	26.488	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2711778	35.536	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1695407	34.164	ng/ul	98
87) Chrysene	21.604	228	2591320	36.544	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	2818600	31.839	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	2933036	36.067	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	2706318	33.347	ng/ul	99
93) Benzo(a)pyrene	24.721	252	2429862	31.619	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.627	276	3471897	35.061	ng/ul	100
95) Dibenzo(a,h)anthracene	28.698	278	2806374m	34.223	ng/ul	
96) Benzo(g,h,i)perylene	29.803	276	2723376	33.769	ng/ul	98

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

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