Quantitation Report (Qedit)

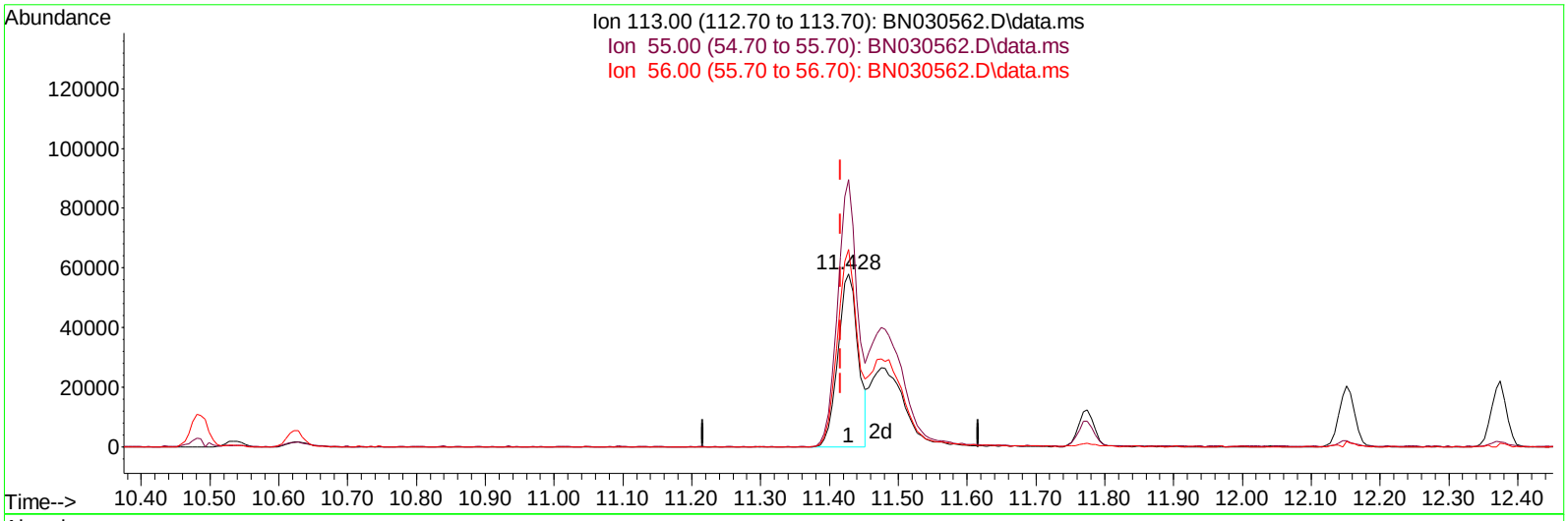
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033124\
Data File : BN030562.D
Acq On : 30 Mar 2024 23:59
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

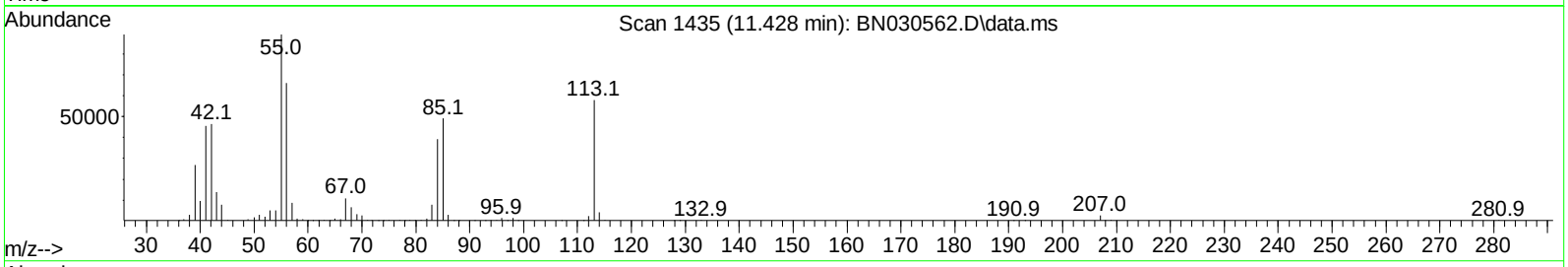
Quant Time: Mar 31 13:26:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

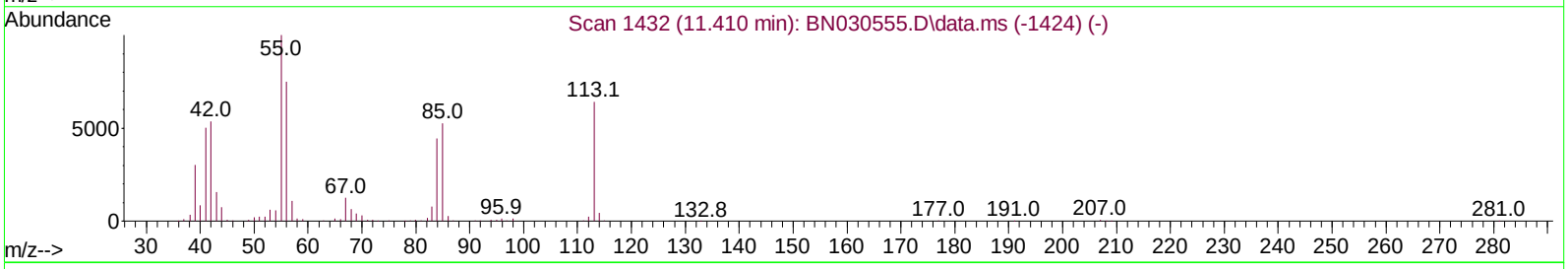
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
Supervised By :mohammad ahmed 04/02/2024







TIC: BN030562.D\data.ms

(34) Caprolactam

11.428min (+ 0.012) 12.06 ng/ul

response 117769

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	154.67
56.00	113.20	114.39
0.00	0.00	0.00

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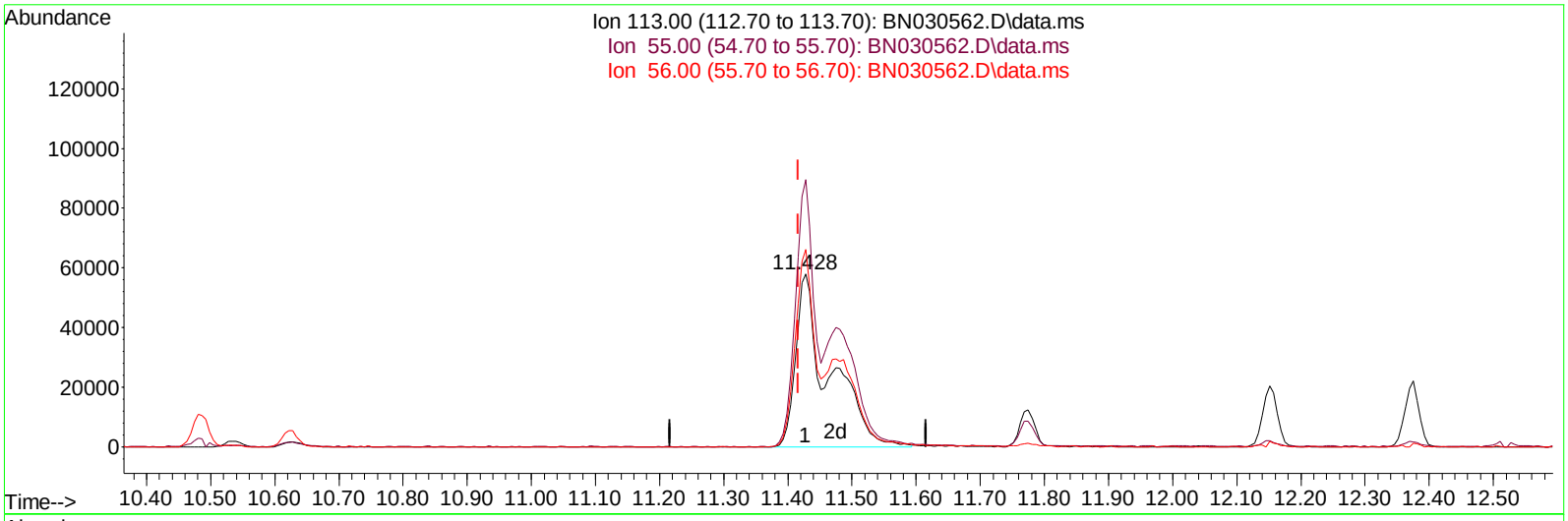

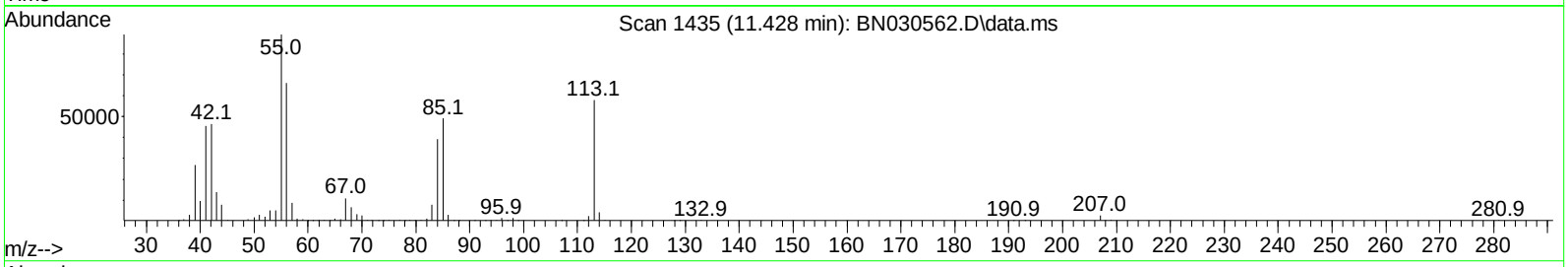

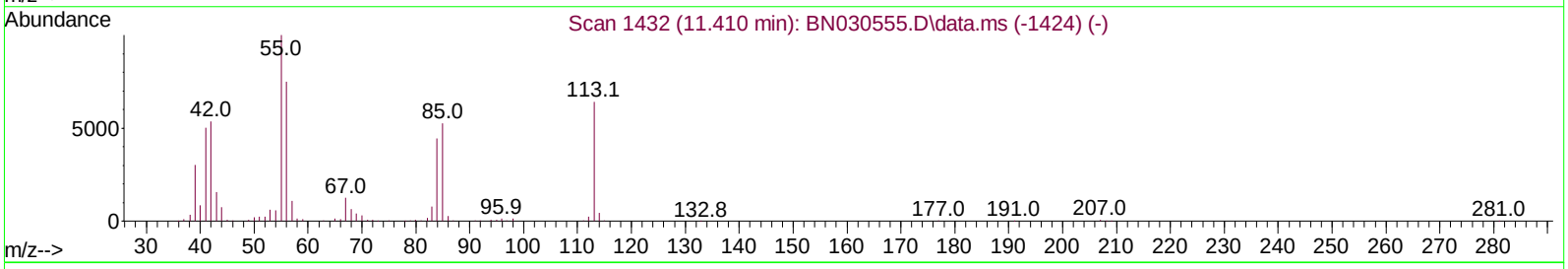

TIC: BN030562.D\data.ms

(34) Caprolactam

11.428min (+ 0.012) 21.41 ng/ul m

response 208989

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	154.67
56.00	113.20	114.39
0.00	0.00	0.00

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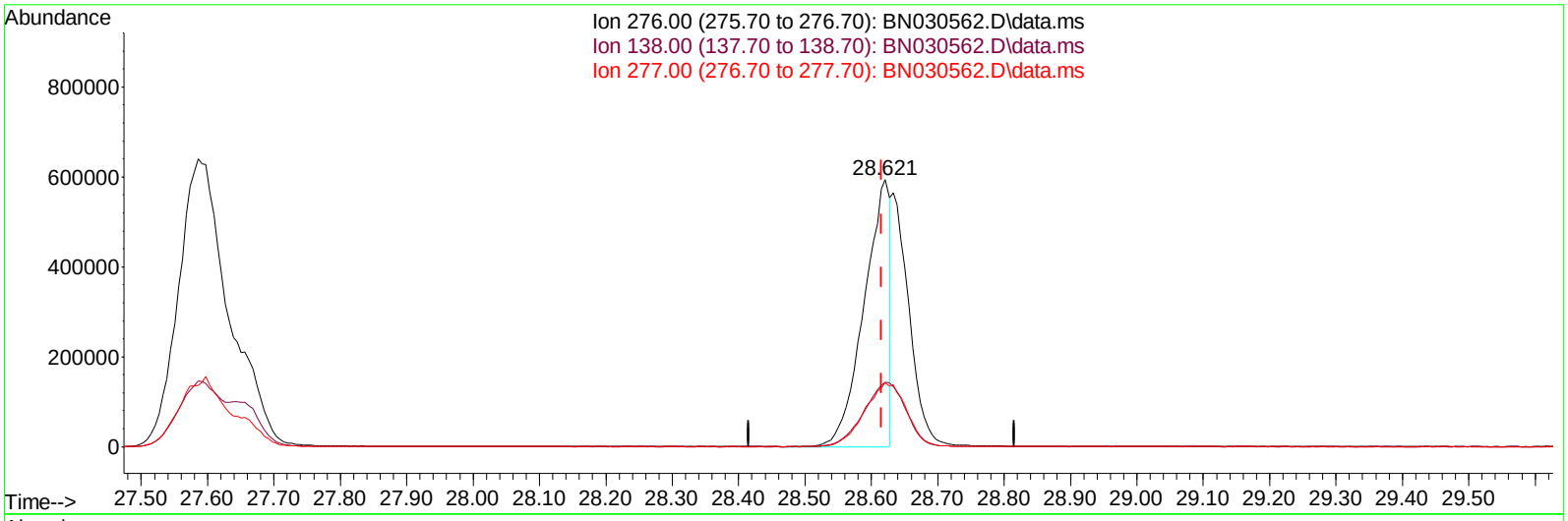

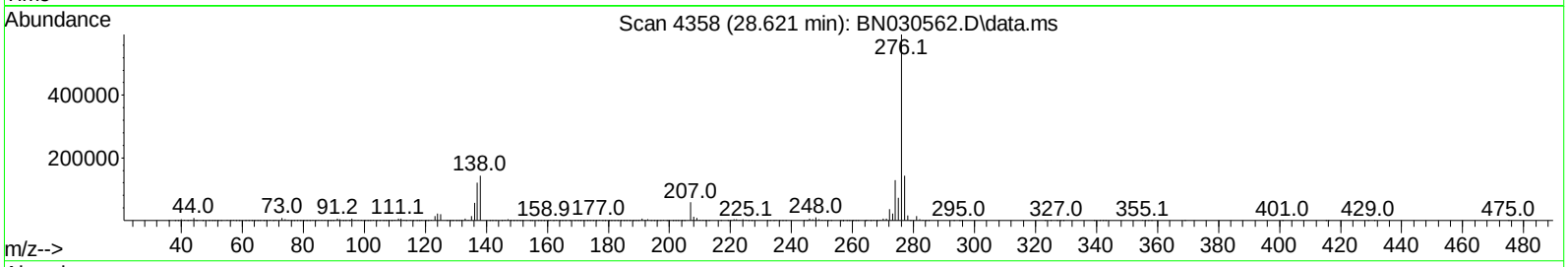

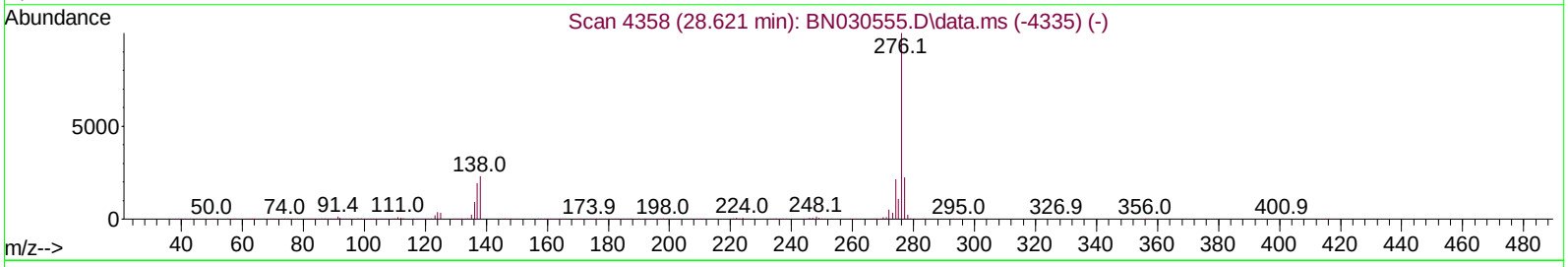

TIC: BN030562.D\data.ms

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

28.621min (+ 0.006) 12.44 ng/ul

response 1591964

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.10	24.12
277.00	25.10	23.98
0.00	0.00	0.00

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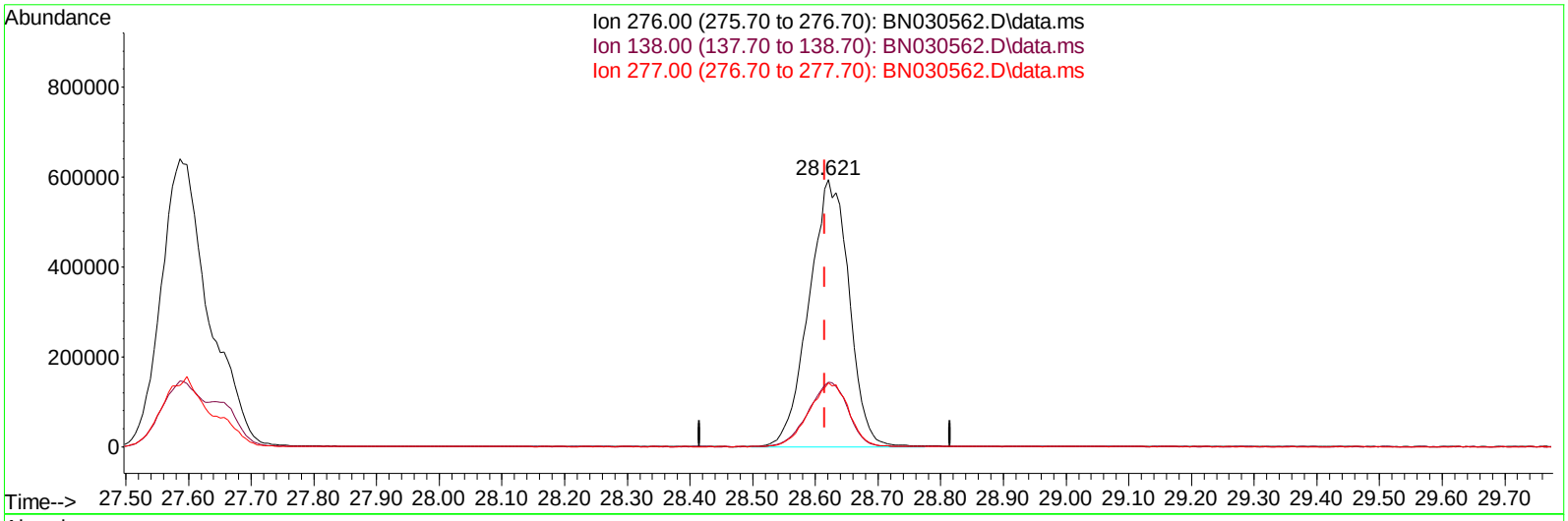

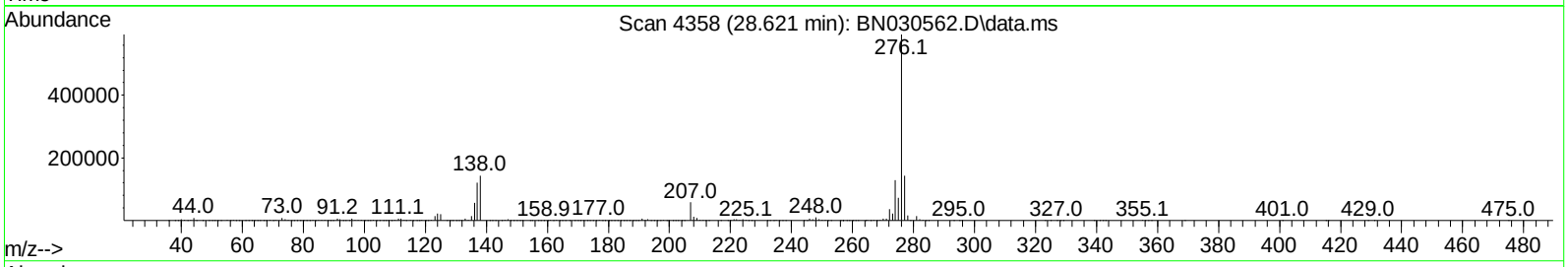

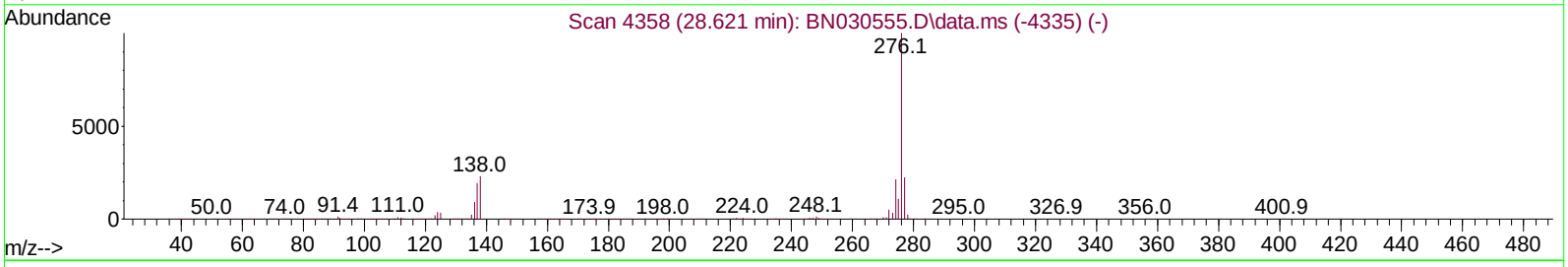

TIC: BN030562.D\data.ms

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

28.621min (+ 0.006) 20.59 ng/ul m

response 2635183

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.10	24.12
277.00	25.10	23.98
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	409895	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	1842624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	1189561	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	2532679	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	2414666	20.000	ng/ul	0.00
88) Perylene-d12	24.274	264	2712972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	68833	7.873	ng/uL	0.00
4) Pyridine-d5	3.599	84	524793	20.021	ng/ul	0.00
7) Phenol-d5	6.863	99	693985	20.929	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	417769	20.399	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	561390	22.318	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	567704	20.428	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	294754	23.060	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	307222	26.273	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	571024	22.306	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	862423	20.464	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1722039	21.682	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	2020999	22.132	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	351521	23.139	ng/ul	0.00
60) Fluorene-d10	15.339	176	1486449	21.388	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	261867	23.425	ng/ul	0.01
73) Anthracene-d10	17.192	188	2346190	21.500	ng/ul	0.00
81) Pyrene-d10	19.486	212	2770095	21.338	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	2710378	21.682	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	71632	7.649	ng/uL	98
5) Pyridine	3.616	79	518423	19.600	ng/ul	97
6) Benzaldehyde	6.846	77	428542	27.752	ng/ul	98
8) Phenol	6.893	94	709047	20.527	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.134	93	585842	20.798	ng/ul	99
12) 2-Chlorophenol	7.263	128	578692	21.446	ng/ul	98
13) 2-Methylphenol	8.140	108	558429	20.979	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.222	45	789247	19.898	ng/ul	99
16) Acetophenone	8.522	105	894742	20.392	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.510	70	455238	20.600	ng/ul	97
18) 4-Methylphenol	8.469	108	598598	20.088	ng/ul	99
19) Hexachloroethane	8.769	117	244335	21.597	ng/ul	99
22) Nitrobenzene	8.899	77	673330	21.579	ng/ul	99
23) Isophorone	9.422	82	1340771	21.546	ng/ul	99
25) 2-Nitrophenol	9.604	139	334755	24.359	ng/ul	97
26) 2,4-Dimethylphenol	9.663	107	642613	21.039	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.910	93	811005	20.498	ng/ul	97
29) 2,4-Dichlorophenol	10.134	162	566690	21.688	ng/ul	99
30) Naphthalene	10.534	128	1960609	20.746	ng/ul	100
32) 4-Chloroaniline	10.651	127	823998	20.287	ng/ul	100
33) Hexachlorobutadiene	10.816	225	354933	21.580	ng/ul	98
34) Caprolactam	11.428	113	208989m	21.409	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	635538	21.595	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.151	142	1342733	20.345	ng/ul	99
37) 1-Methylnaphthalene	12.375	142	1364554	20.367	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	680347	22.162	ng/ul	97
40) Hexachlorocyclopentadiene	12.498	237	395895	22.708	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	454334	23.684	ng/ul	96
42) 2,4,5-Trichlorophenol	12.834	196	498805	23.024	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	1752898	21.619	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1420250	22.252	ng/ul	98
45) 2-Nitroaniline	13.422	65	405646	23.881	ng/ul	99
47) Dimethylphthalate	13.810	163	1751418	21.348	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	361298	23.752	ng/ul	95
50) Acenaphthylene	14.063	152	2321737	22.005	ng/ul	99
51) 3-Nitroaniline	14.251	138	411651	25.497	ng/ul	99
52) Acenaphthene	14.410	153	1525235	21.693	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	159289	22.799	ng/ul	95
55) 4-Nitrophenol	14.563	109	269861	22.421	ng/ul	100
56) Dibenzofuran	14.745	168	2057555	21.052	ng/ul	100
57) 2,4-Dinitrotoluene	14.710	165	536355	24.152	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.969	232	424040	23.567	ng/ul	97
59) Diethylphthalate	15.181	149	1806388	21.673	ng/ul	100
61) Fluorene	15.392	166	1642420	21.142	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.392	204	789492	20.714	ng/ul	96
63) 4-Nitroaniline	15.422	138	431774	27.508	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	280261	23.332	ng/ul	96
67) N-Nitrosodiphenylamine	15.610	169	1460214	21.171	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	512320	21.303	ng/ul	97
69) Hexachlorobenzene	16.392	284	609738	21.531	ng/ul	99
70) Atrazine	16.569	200	536051	22.423	ng/ul	96
71) Pentachlorophenol	16.739	266	392919	23.532	ng/ul	98
72) Phenanthrene	17.133	178	2732744	21.001	ng/ul	100
74) Anthracene	17.228	178	2803324	21.311	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	684660	22.004	ng/uL	99
76) Pentachlorobenzene	14.657	250	675096	21.361	ng/uL	94
77) Carbazole	17.498	167	2627412	22.776	ng/ul	99
78) Di-n-butylphthalate	18.069	149	3225274	22.918	ng/ul	100
80) Fluoranthene	19.151	202	3294796	21.350	ng/ul	97
82) Pyrene	19.522	202	3394133	20.825	ng/ul	98
83) Butylbenzylphthalate	20.433	149	1544341	24.812	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	1095801	24.698	ng/ul	99
85) Benzo(a)anthracene	21.316	228	3440200	21.348	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.251	149	2190529	23.865	ng/ul	99
87) Chrysene	21.374	228	3206260	21.079	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	4063112	23.650	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3413263	21.378	ng/ul	98
91) Benzo(k)fluoranthene	23.410	252	3451262	21.285	ng/ul	100
93) Benzo(a)pyrene	24.139	252	3129882	20.752	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.586	276	3384521	20.759	ng/ul	98
95) Dibenzo(a,h)anthracene	27.656	278	2876790	20.960	ng/ul	97
96) Benzo(g,h,i)perylene	28.621	276	2635183m	20.588	ng/ul	

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

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