Quantitation Report (Qedit)

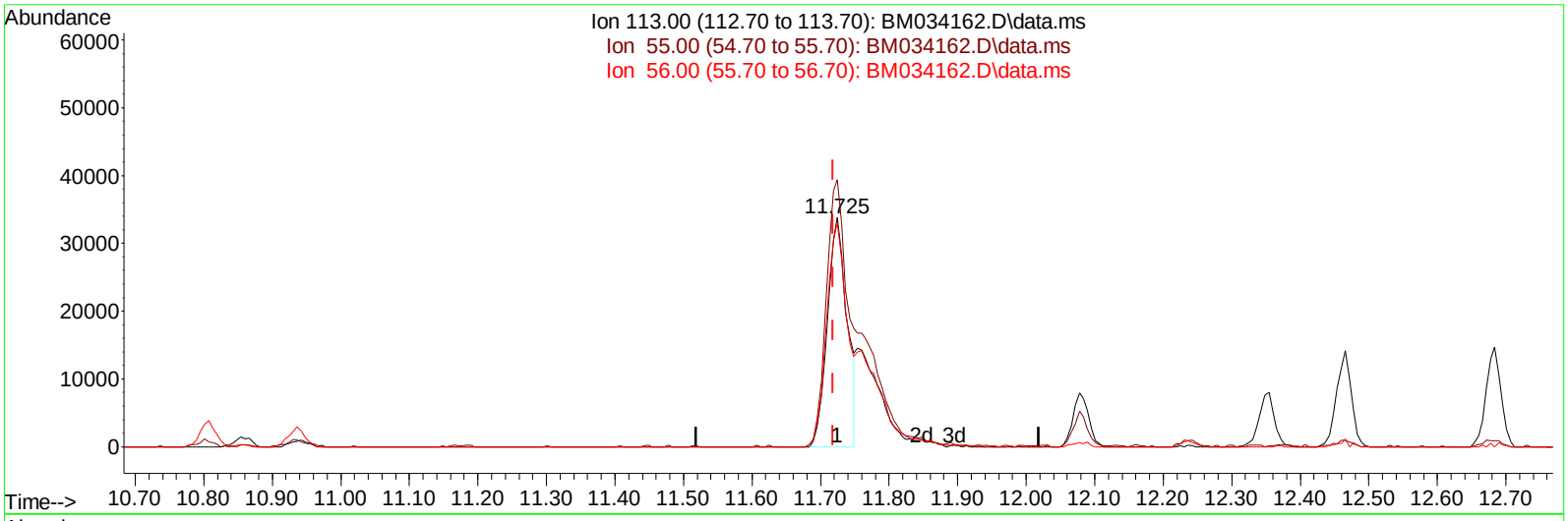
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034162.D
Acq On : 08 Mar 2022 23:30
Operator : CG/JU
Sample : N1733-12MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

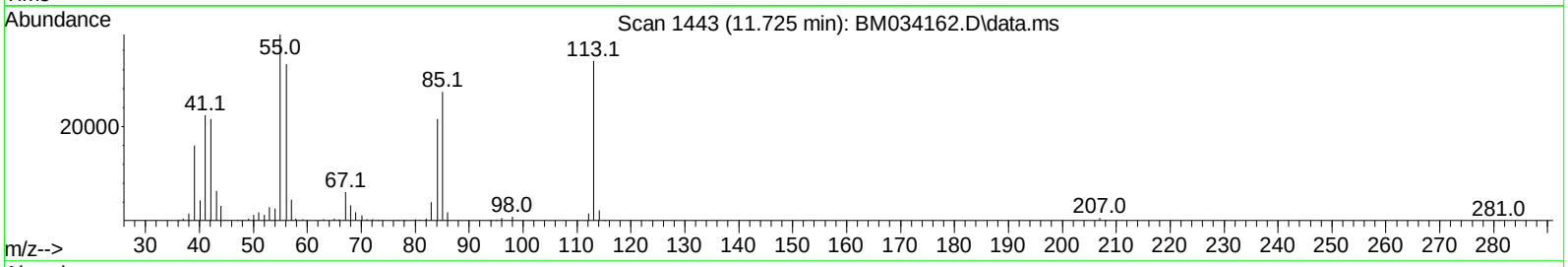
Quant Time: Mar 09 01:07:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 13:09:16 2022
Response via : Initial Calibration

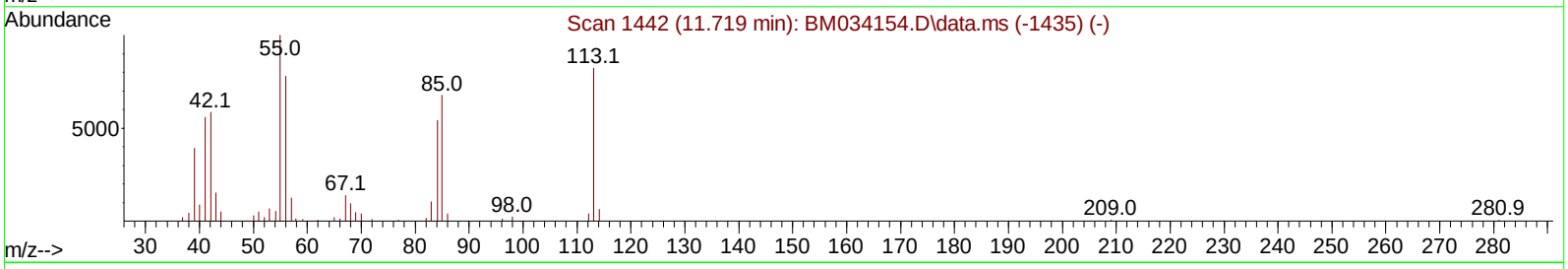
Instrument :
BNA_M
ClientSampleId :
DBRS5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/09/2022
Supervised By :Yogesh Patel 03/09/2022







TIC: BM034162.D\data.ms

(34) Caprolactam

11.725min (+ 0.006) 21.08 ng/ul

response 67543

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	116.50#
56.00	164.70	97.96#
0.00	0.00	0.00

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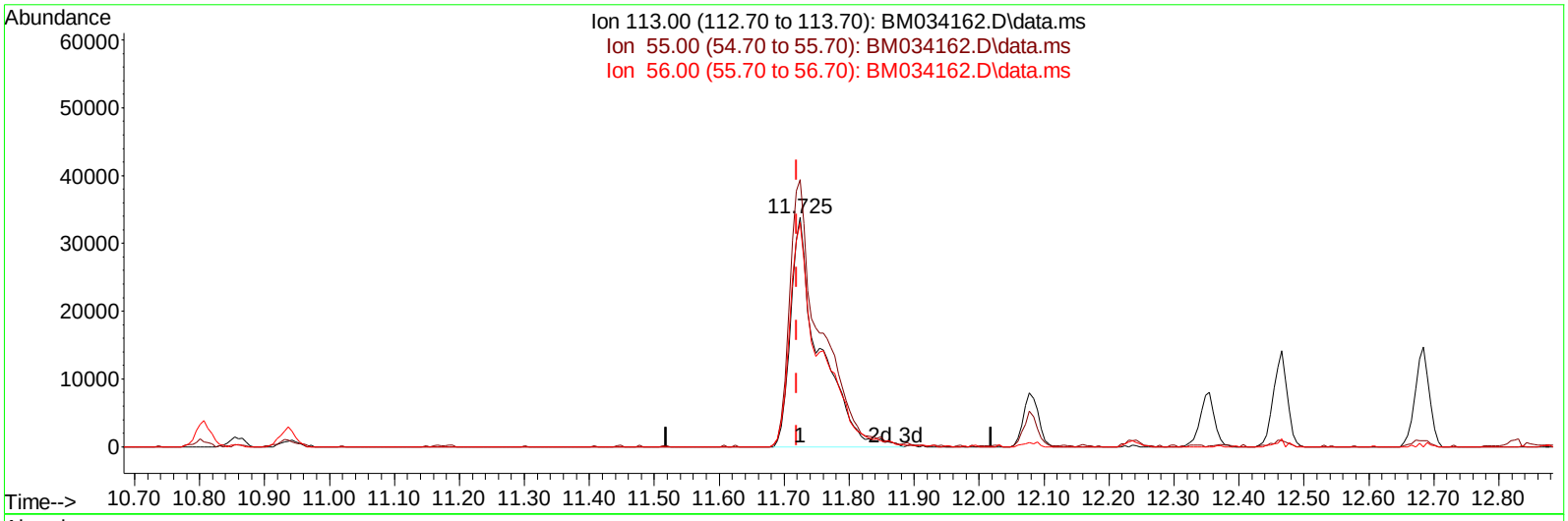

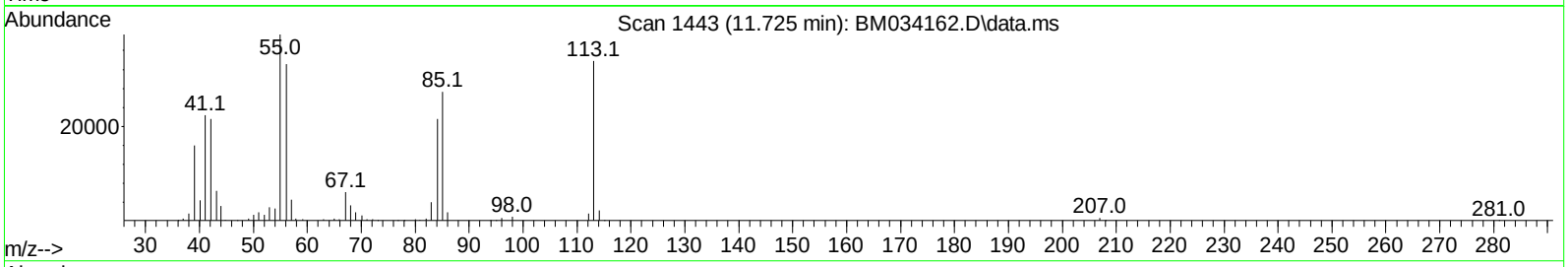

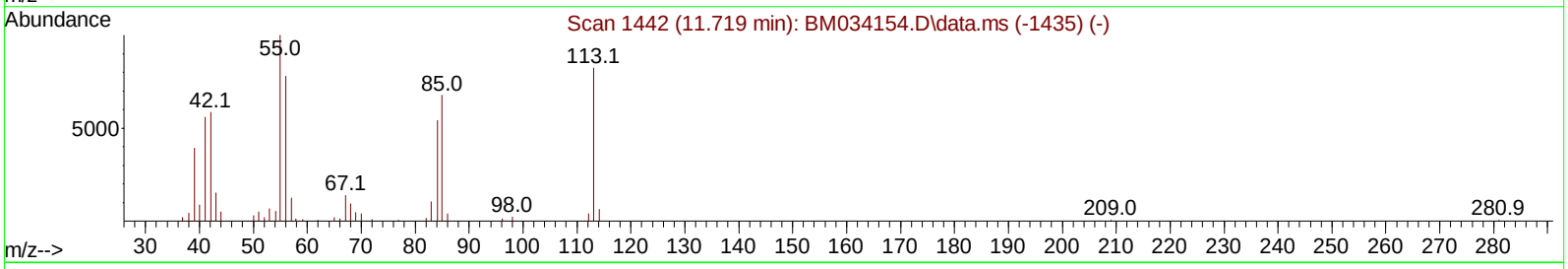

TIC: BM034162.D\data.ms

(34) Caprolactam

11.725min (+ 0.006) 32.61 ng/ul m

response 104498

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	116.50#
56.00	164.70	97.96#
0.00	0.00	0.00

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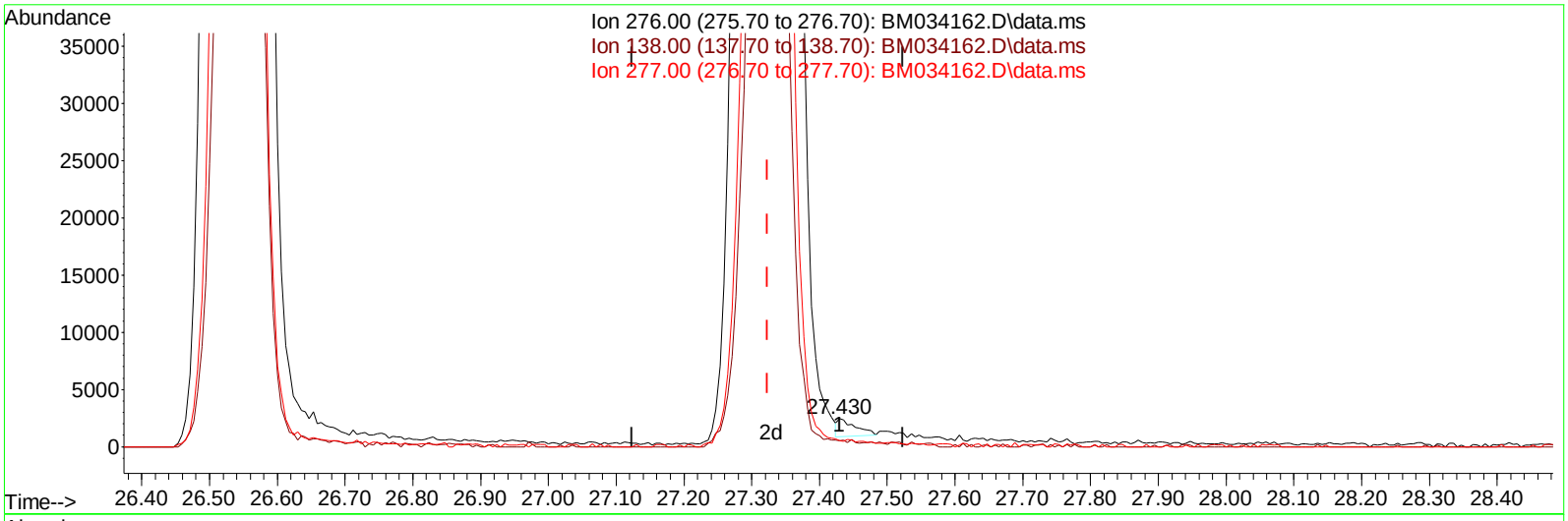

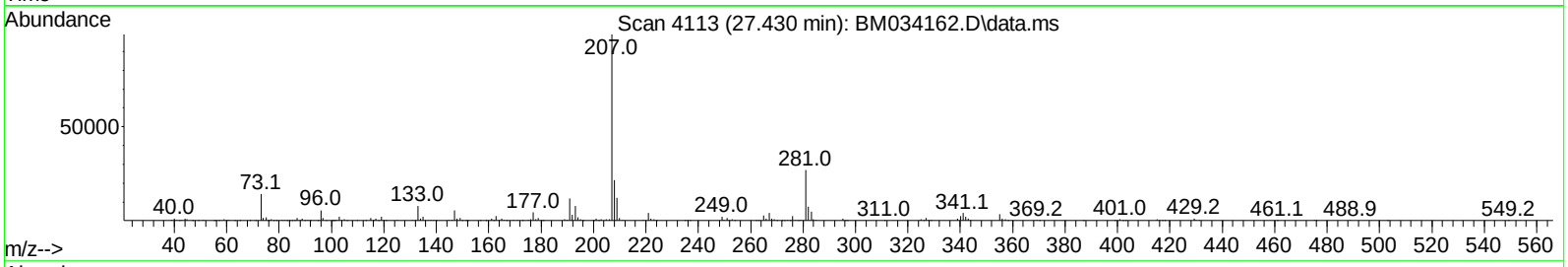

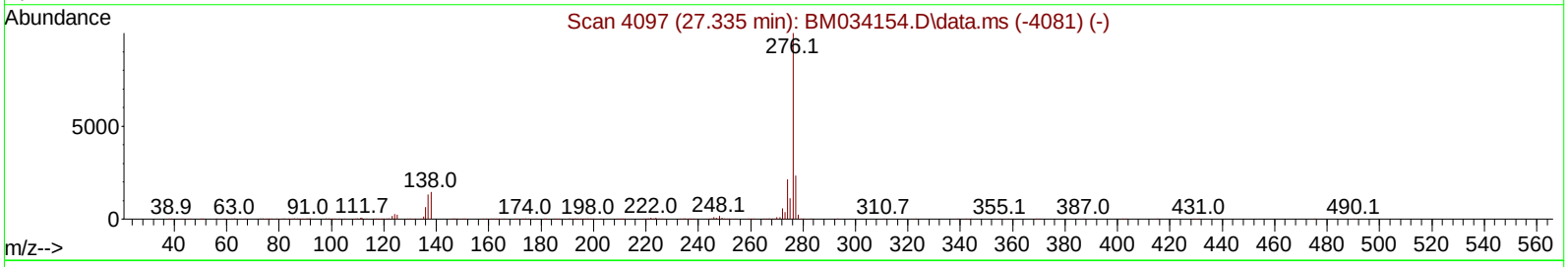

TIC: BM034162.D\data.ms

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

27.430min (+ 0.106) 0.05 ng/ul

response 2791

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.50	21.55
277.00	23.40	21.76
0.00	0.00	0.00

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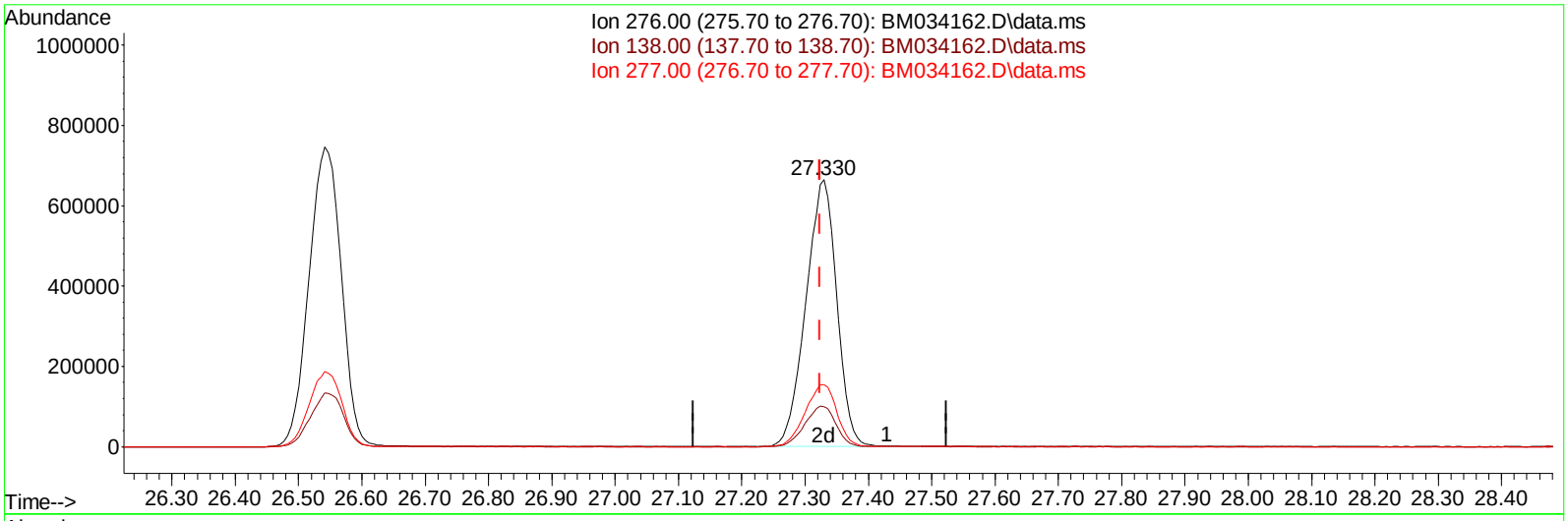

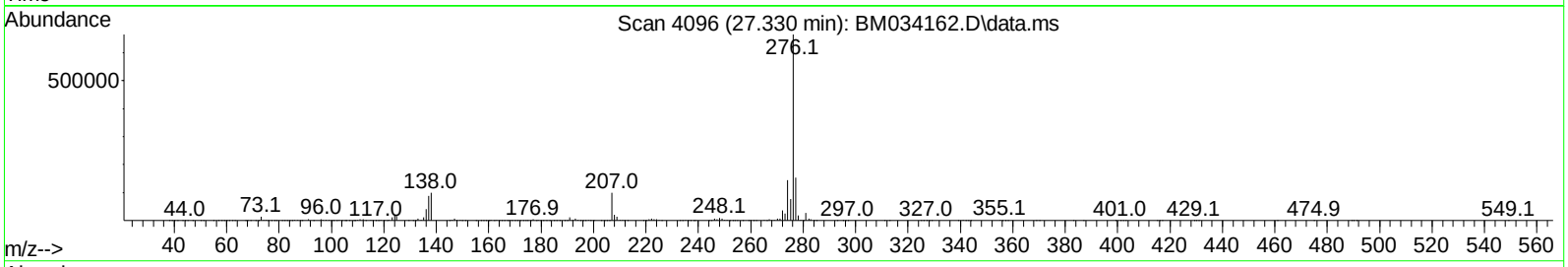

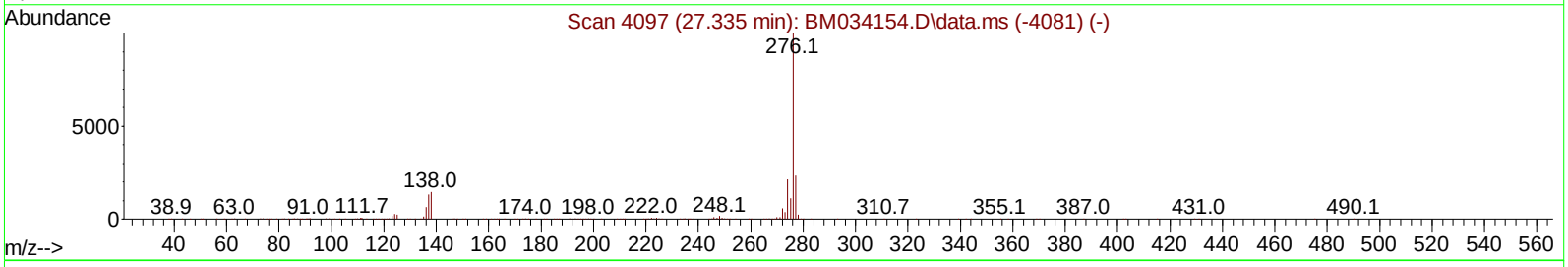

TIC: BM034162.D\data.ms

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

27.330min (+ 0.006) 44.14 ng/ul m

response 2257435

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.50	15.07#
277.00	23.40	23.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/09/2022
Supervised By :Yogesh Patel 03/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	164088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.807	136	620838	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.630	164	385098	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	782621	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.542	240	813344	20.000	ng/ul	# 0.00
88) Perylene-d12	23.983	264	901967	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	26783	7.507	ng/uL	0.00
4) Pyridine-d5	3.790	84	310863	29.933	ng/ul	0.00
7) Phenol-d5	7.143	99	472162	36.723	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	254261	36.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	419701	39.380	ng/ul	0.00
15) 4-Methylphenol-d8	8.701	113	386115	35.841	ng/ul	0.00
21) Nitrobenzene-d5	9.154	128	195785	40.701	ng/ul	0.00
24) 2-Nitrophenol-d4	9.884	143	217750	41.678	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	428680	39.788	ng/ul	0.00
31) 4-Chloroaniline-d4	10.936	131	476722	32.384	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	1121932	38.393	ng/ul	0.00
49) Acenaphthylene-d8	14.325	160	1459123	39.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.807	143	184137	33.865	ng/ul	0.00
60) Fluorene-d10	15.619	176	986431	37.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	171592	33.975	ng/ul	0.00
73) Anthracene-d10	17.471	188	1514435	39.283	ng/ul	0.00
81) Pyrene-d10	19.754	212	1777938	39.768	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.830	264	1927368	40.282	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	52969	13.714	ng/uL#	75
5) Pyridine	3.808	79	366161	34.873	ng/ul#	69
6) Benzaldehyde	7.119	77	295390	44.766	ng/ul#	75
8) Phenol	7.172	94	462488	35.562	ng/ul#	80
10) Bis(2-Chloroethyl)ether	7.407	93	356346	35.308	ng/ul#	82
12) 2-Chlorophenol	7.554	128	402694	36.578	ng/ul#	80
13) 2-Methylphenol	8.431	108	348999	34.417	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.531	45	312483	34.883	ng/ul#	79
16) Acetophenone	8.819	105	561110	33.059	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.807	70	265546	34.248	ng/ul#	78
18) 4-Methylphenol	8.760	108	374392	33.804	ng/ul	97
19) Hexachloroethane	9.084	117	167034	36.895	ng/ul#	62
22) Nitrobenzene	9.195	77	405886	37.313	ng/ul#	85
23) Isophorone	9.731	82	716192	36.516	ng/ul#	90
25) 2-Nitrophenol	9.913	139	225725	39.649	ng/ul#	72
26) 2,4-Dimethylphenol	9.972	107	423692	36.794	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.213	93	447972	36.434	ng/ul#	97
29) 2,4-Dichlorophenol	10.448	162	397642	37.342	ng/ul	94
30) Naphthalene	10.860	128	1198586	36.059	ng/ul	99
32) 4-Chloroaniline	10.960	127	454530	30.322	ng/ul	99
33) Hexachlorobutadiene	11.154	225	305782	37.707	ng/ul	96
34) Caprolactam	11.725	113	104498m	32.613	ng/ul	
35) 4-Chloro-3-methylphenol	12.078	107	368312	35.399	ng/ul#	74

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Manual IntegrationsAPPROVED

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Supervised By :Yogesh Patel 03/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.466	142	837678	35.137	ng/ul	99
37) 1-Methylnaphthalene	12.683	142	845601	34.618	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.830	216	521271	38.750	ng/ul#	95
40) Hexachlorocyclopentadiene	12.819	237	344225	37.903	ng/ul	98
41) 2,4,6-Trichlorophenol	13.066	196	328829	40.045	ng/ul	98
42) 2,4,5-Trichlorophenol	13.136	196	354538	39.148	ng/ul	92
43) 1,1'-Biphenyl	13.466	154	1125927	37.552	ng/ul#	96
44) 2-Chloronaphthalene	13.507	162	888779	37.715	ng/ul	95
45) 2-Nitroaniline	13.701	65	209849	38.697	ng/ul#	65
47) Dimethylphthalate	14.083	163	1060393	35.876	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	227332	38.696	ng/ul#	82
50) Acenaphthylene	14.354	152	1364708	37.040	ng/ul	99
51) 3-Nitroaniline	14.524	138	202617	37.708	ng/ul#	76
52) Acenaphthene	14.695	153	888470	36.420	ng/ul	96
53) 2,4-Dinitrophenol	14.724	184	131632	35.412	ng/ul#	70
55) 4-Nitrophenol	14.824	109	166726	35.355	ng/ul#	74
56) Dibenzofuran	15.024	168	1288713	35.866	ng/ul	92
57) 2,4-Dinitrotoluene	14.983	165	315621	36.740	ng/ul#	64
58) 2,3,4,6-Tetrachlorophenol	15.248	232	292586	37.272	ng/ul	88
59) Diethylphthalate	15.448	149	1024890	35.325	ng/ul	98
61) Fluorene	15.671	166	1054416	35.675	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.666	204	561858	35.307	ng/ul	87
63) 4-Nitroaniline	15.683	138	230236	46.319	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.742	198	187300	36.725	ng/ul#	82
67) N-Nitrosodiphenylamine	15.877	169	887410	38.027	ng/ul	98
68) 4-Bromophenyl-phenylether	16.560	248	333779	39.009	ng/ul#	88
69) Hexachlorobenzene	16.683	284	422491	37.953	ng/ul#	84
70) Atrazine	16.824	200	338999	35.881	ng/ul	98
71) Pentachlorophenol	17.018	266	255662	36.189	ng/ul	97
72) Phenanthrene	17.413	178	1611071	36.386	ng/ul	99
74) Anthracene	17.501	178	1620240	36.213	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.436	216	531839	39.658	ng/uL	96
76) Pentachlorobenzene	14.948	250	515965	41.088	ng/uL	99
77) Carbazole	17.765	167	1427700	35.784	ng/ul	99
78) Di-n-butylphthalate	18.336	149	1640695	37.726	ng/ul	98
80) Fluoranthene	19.424	202	1927508	36.730	ng/ul#	92
82) Pyrene	19.783	202	1964702	36.193	ng/ul#	91
83) Butylbenzylphthalate	20.677	149	712982	38.382	ng/ul#	76
84) 3,3'-Dichlorobenzidine	21.453	252	615857	38.930	ng/ul	96
85) Benzo(a)anthracene	21.524	228	1986150	37.041	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.453	149	1054546	38.783	ng/ul#	97
87) Chrysene	21.577	228	1928624	36.822	ng/ul	99
89) Di-n-octyl phthalate	22.395	149	1778401	31.734	ng/ul	100
90) Benzo(b)fluoranthene	23.242	252	2243348	35.932	ng/ul#	97
91) Benzo(k)fluoranthene	23.289	252	2038780	34.749	ng/ul#	97
93) Benzo(a)pyrene	23.883	252	2177011	37.136	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.541	276	2640844	43.152	ng/ul	97
95) Dibenzo(a,h)anthracene	26.559	278	2265161	42.899	ng/ul	97
96) Benzo(g,h,i)perylene	27.330	276	2257435m	44.141	ng/ul	

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

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