Quantitation Report (Qedit)

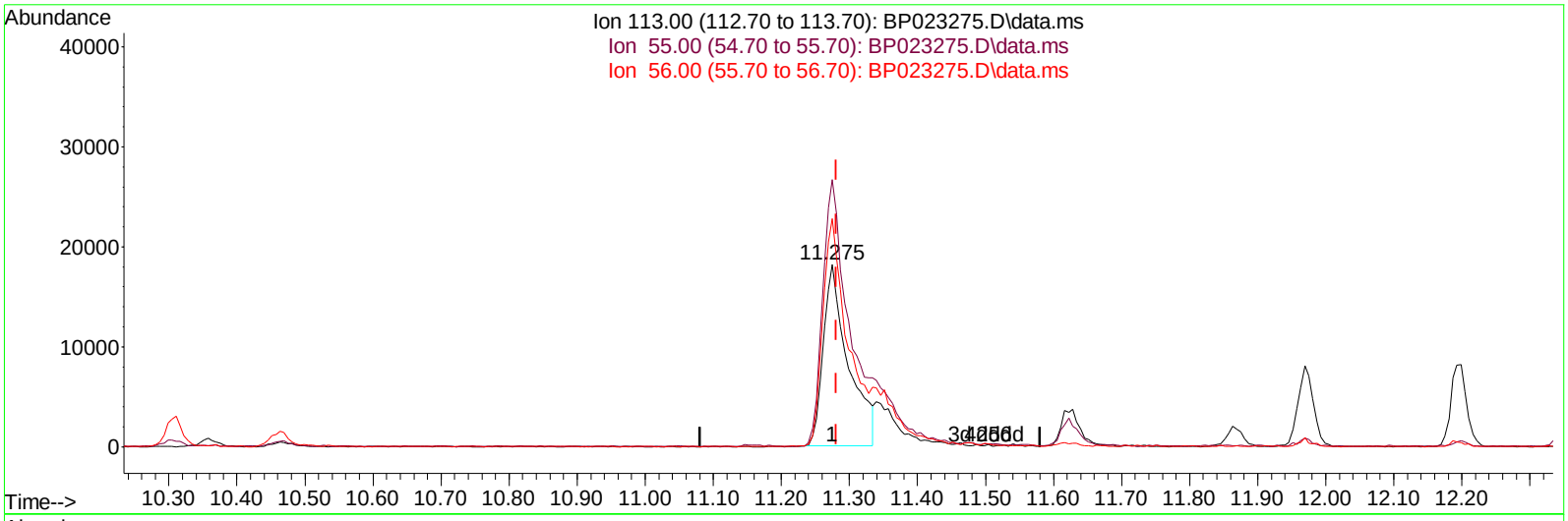
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023275.D
Acq On : 21 Nov 2024 07:55
Operator : RC/JU
Sample : PB165098BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

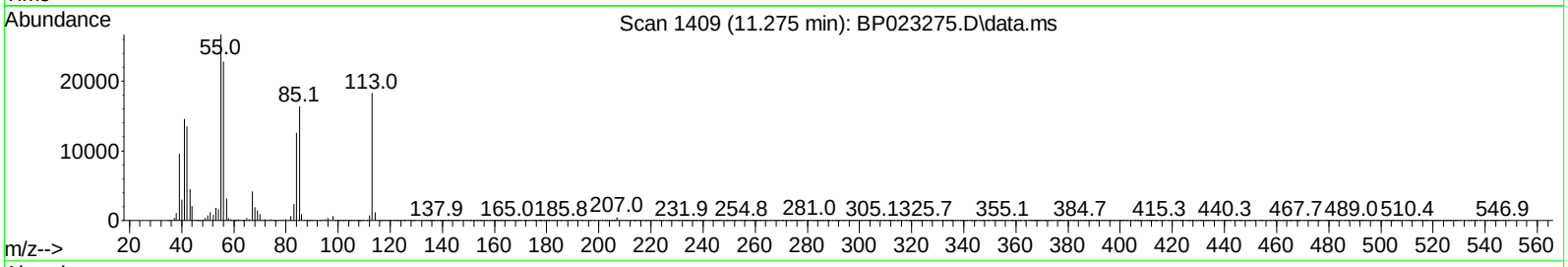
Quant Time: Nov 21 08:21:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

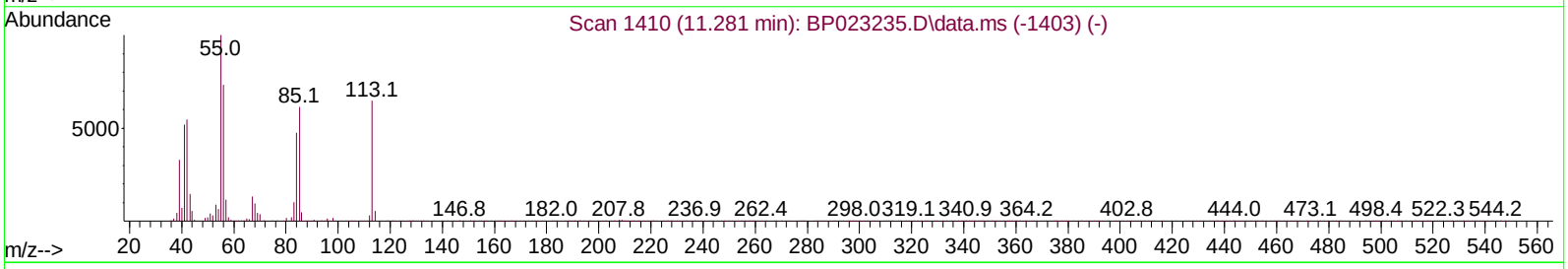
Instrument :
BNA_P
ClientSampleId :
SLCS098

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024







TIC: BP023275.D\data.ms

(34) Caprolactam

11.275min (-0.006) 23.13 ng/ul

response 46356

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	146.28
56.00	124.80	125.07
0.00	0.00	0.00

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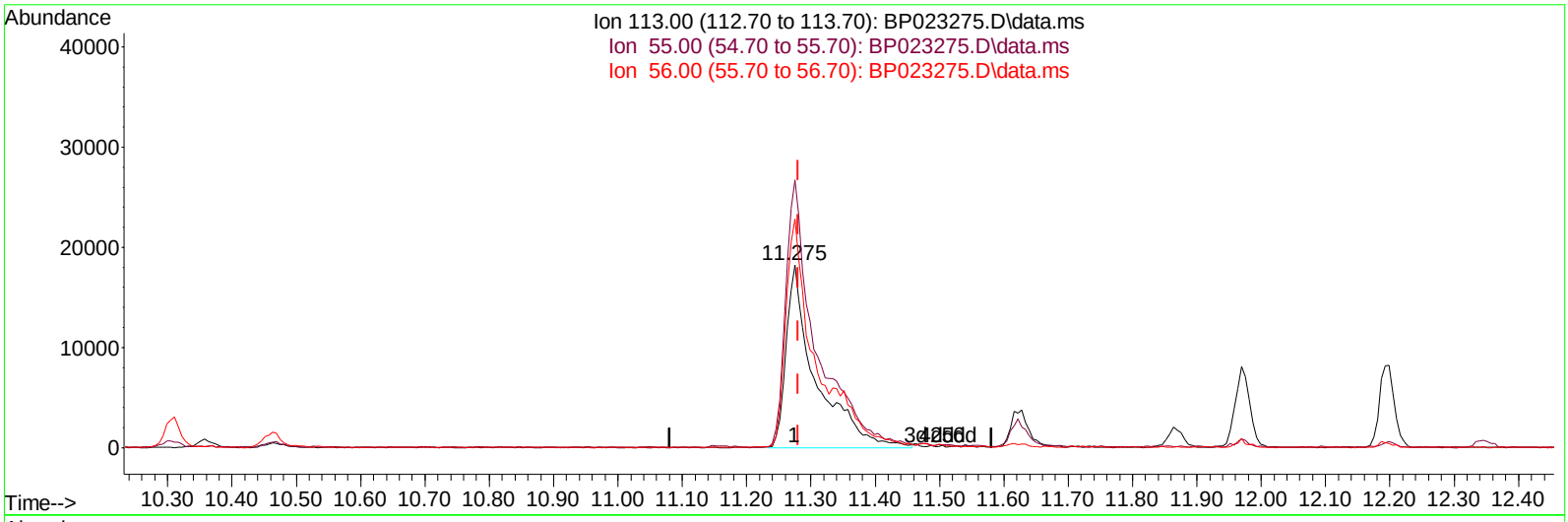

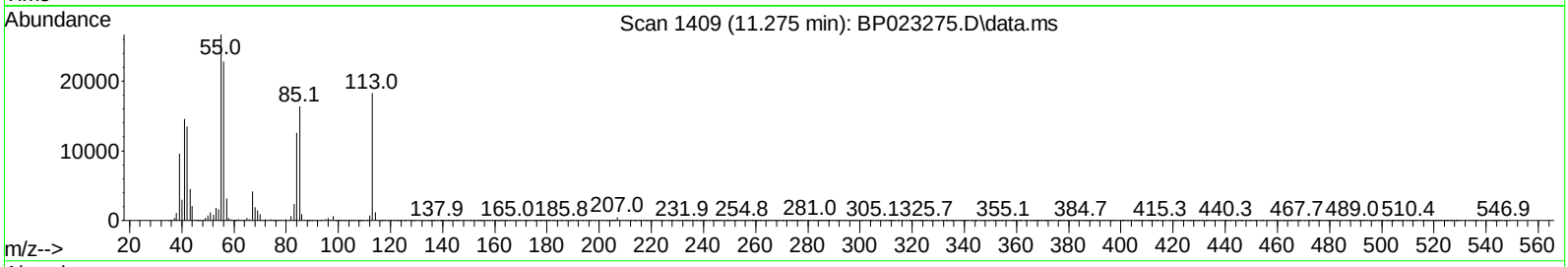

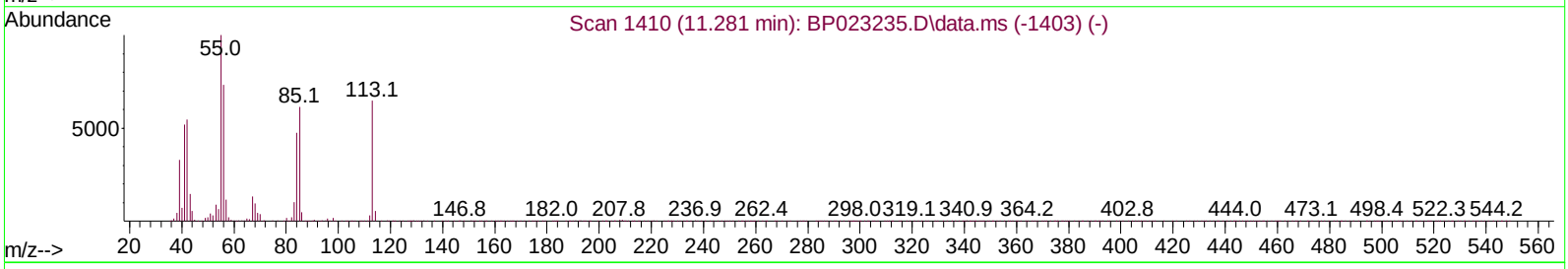

TIC: BP023275.D\data.ms

(34) Caprolactam

11.275min (-0.006) 28.98 ng/ul m

response 58096

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	146.28
56.00	124.80	125.07
0.00	0.00	0.00

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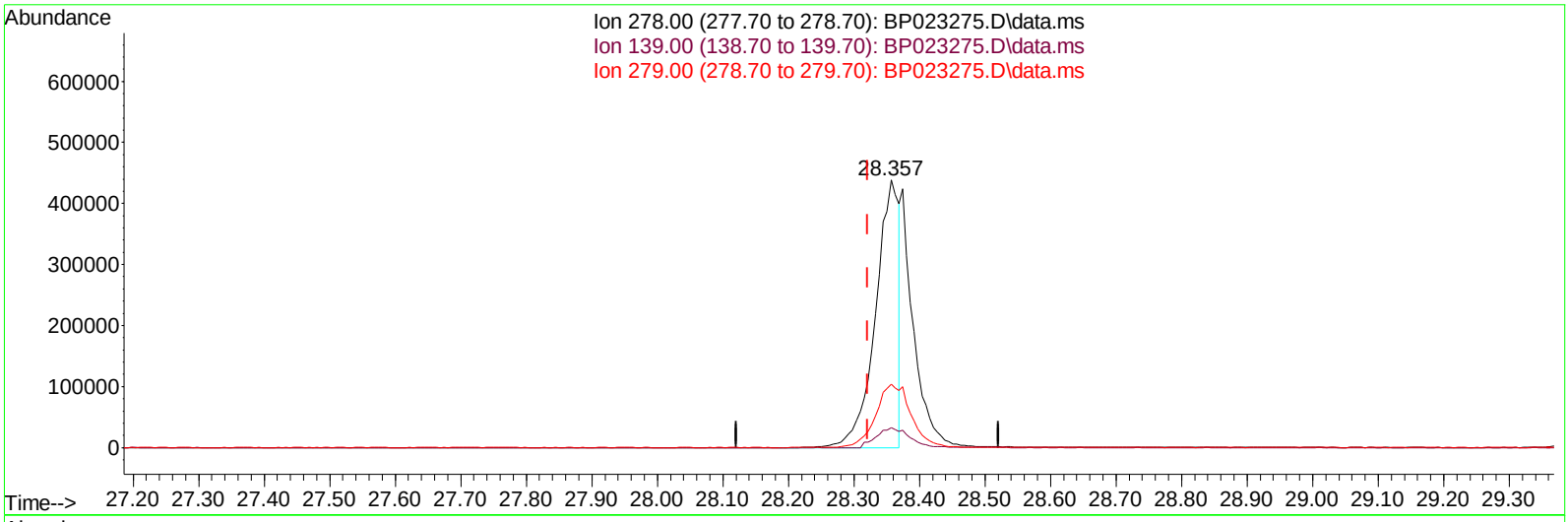

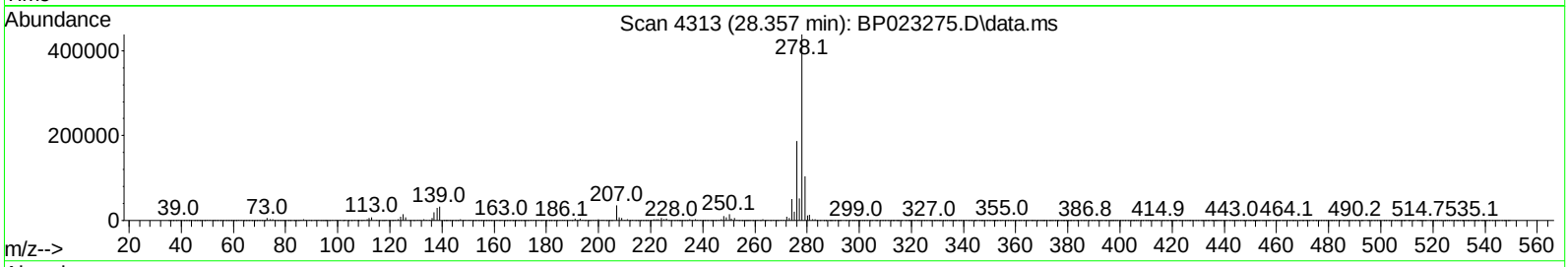

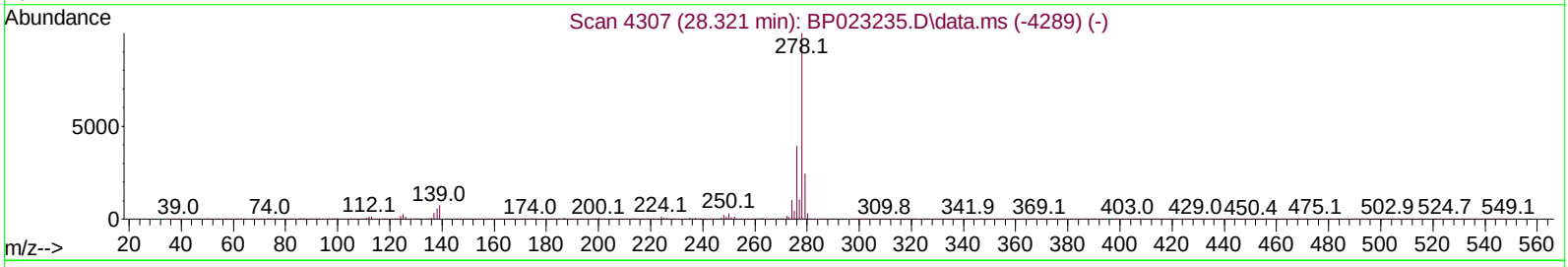

TIC: BP023275.D\data.ms

(95) Dibenzo(a,h)anthracene

28.357min (+ 0.036) 19.04 ng/ul

response 1082186

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.70	7.36
279.00	24.30	23.60
0.00	0.00	0.00

Quantitation Report (Qedit)

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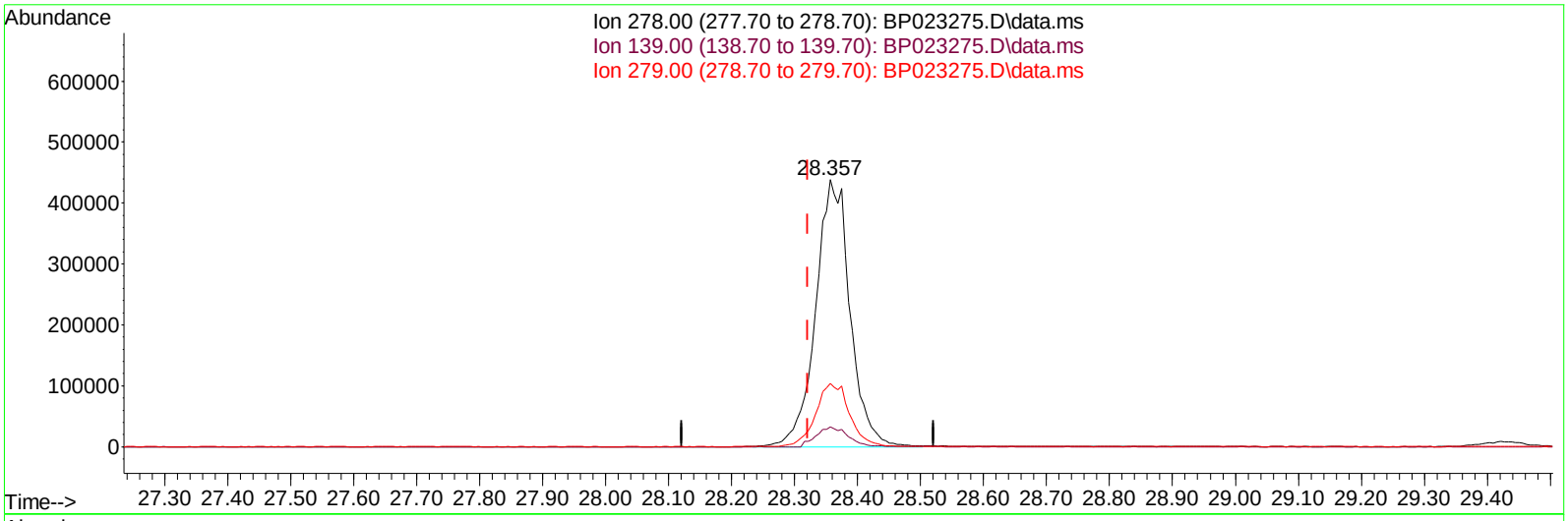

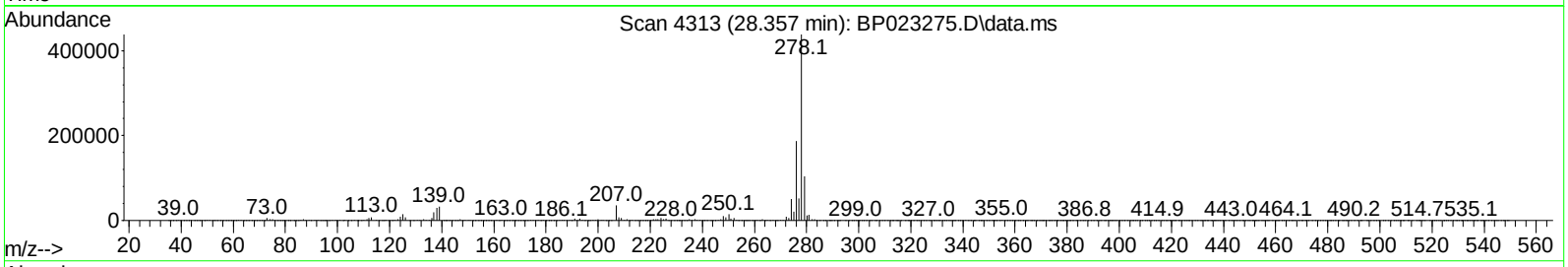

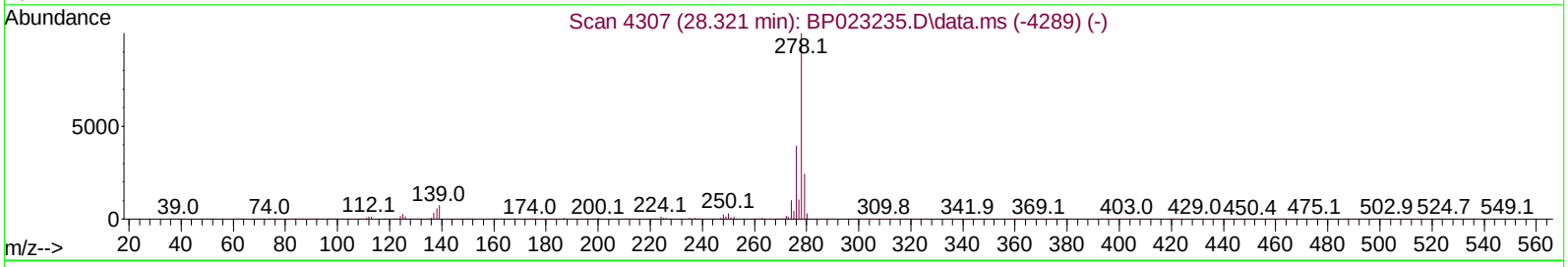

TIC: BP023275.D\data.ms

(95) Dibenzo(a,h)anthracene

28.357min (+ 0.036) 29.17 ng/ul m

response 1657878

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.70	7.36
279.00	24.30	23.60
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	106112	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	391457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.175	164	308551	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.987	188	760636	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.439	240	861252	20.000	ng/ul	0.02
88) Perylene-d12	24.657	264	998564	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	12402	5.618	ng/uL	0.00
4) Pyridine-d5	3.540	84	181193	27.626	ng/ul	0.00
7) Phenol-d5	6.769	99	229856	29.299	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	130116	28.230	ng/ul	0.00
11) 2-Chlorophenol-d4	7.111	132	175315	30.513	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	178974	27.723	ng/ul	0.00
21) Nitrobenzene-d5	8.705	128	81147	29.776	ng/ul	0.00
24) 2-Nitrophenol-d4	9.416	143	100898	31.056	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.958	165	212747	31.268	ng/ul	0.00
31) 4-Chloroaniline-d4	10.463	131	197879	24.378	ng/ul	0.00
46) Dimethylphthalate-d6	13.599	166	657119	29.549	ng/ul	0.01
49) Acenaphthylene-d8	13.869	160	687743	29.639	ng/ul	0.00
54) 4-Nitrophenol-d4	14.440	143	85853	25.689	ng/ul	-0.02
60) Fluorene-d10	15.193	176	577472	29.618	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.357	200	121961	26.766	ng/ul	0.00
73) Anthracene-d10	17.098	188	969225	30.094	ng/ul	0.00
81) Pyrene-d10	19.486	212	1264004	31.863	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264	1493015	31.389	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	26544	10.406	ng/uL	88
5) Pyridine	3.558	79	179596	27.266	ng/ul	98
6) Benzaldehyde	6.746	77	13845	3.067	ng/ul	93
8) Phenol	6.793	94	235795	28.782	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.005	93	173095	28.117	ng/ul	95
12) 2-Chlorophenol	7.140	128	175062	29.347	ng/ul	94
13) 2-Methylphenol	8.011	108	170346	27.856	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.069	45	202393	29.042	ng/ul	95
16) Acetophenone	8.375	105	288623	26.605	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.358	70	150934	27.864	ng/ul	96
18) 4-Methylphenol	8.340	108	185303	27.434	ng/ul	97
19) Hexachloroethane	8.611	117	80554	27.922	ng/ul	98
22) Nitrobenzene	8.746	77	231165	29.562	ng/ul	98
23) Isophorone	9.263	82	411625	29.439	ng/ul	98
25) 2-Nitrophenol	9.446	139	102603	29.920	ng/ul	96
26) 2,4-Dimethylphenol	9.511	107	178854	24.153	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.734	93	233219	30.314	ng/ul	97
29) 2,4-Dichlorophenol	9.981	162	204224	30.303	ng/ul	95
30) Naphthalene	10.358	128	551361	28.992	ng/ul	100
32) 4-Chloroaniline	10.487	127	116229	14.780	ng/ul	92
33) Hexachlorobutadiene	10.634	225	173169	28.398	ng/ul	99
34) Caprolactam	11.275	113	58096m	28.982	ng/ul	
35) 4-Chloro-3-methylphenol	11.622	107	217591	30.012	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.969	142	405311	28.230	ng/ul	99
37) 1-Methylnaphthalene	12.199	142	408052	27.801	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.346	216	312229	29.974	ng/ul	98
40) Hexachlorocyclopentadiene	12.316	237	91061	16.643	ng/ul	96
41) 2,4,6-Trichlorophenol	12.604	196	202900	31.988	ng/ul	97
42) 2,4,5-Trichlorophenol	12.693	196	214638	31.388	ng/ul	97
43) 1,1'-Biphenyl	12.999	154	583172	29.496	ng/ul	100
44) 2-Chloronaphthalene	13.040	162	477391	29.538	ng/ul	99
45) 2-Nitroaniline	13.275	65	145640	32.093	ng/ul	92
47) Dimethylphthalate	13.646	163	625790	28.534	ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	129136	30.271	ng/ul	99
50) Acenaphthylene	13.899	152	691840	29.496	ng/ul	99
51) 3-Nitroaniline	14.110	138	108777	29.604	ng/ul	97
52) Acenaphthene	14.251	153	498793	29.292	ng/ul	99
53) 2,4-Dinitrophenol	14.346	184	74340	24.559	ng/ul	99
55) 4-Nitrophenol	14.457	109	99375	25.415	ng/ul	95
56) Dibenzofuran	14.593	168	750920	28.542	ng/ul	98
57) 2,4-Dinitrotoluene	14.593	165	199039	29.274	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	14.828	232	201005	30.072	ng/ul	99
59) Diethylphthalate	15.028	149	616386	28.418	ng/ul	99
61) Fluorene	15.251	166	612110	28.425	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.251	204	361638	28.522	ng/ul	97
63) 4-Nitroaniline	15.310	138	117693	34.422	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.369	198	130390	26.788	ng/ul	98
67) N-Nitrosodiphenylamine	15.469	169	527032	29.985	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	255651	29.681	ng/ul	98
69) Hexachlorobenzene	16.287	284	314709	29.023	ng/ul	97
70) Atrazine	16.463	200	215740	25.393	ng/ul	99
71) Pentachlorophenol	16.651	266	192847	28.646	ng/ul	99
72) Phenanthrene	17.034	178	1064866	29.651	ng/ul	99
74) Anthracene	17.140	178	1054566	29.206	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	308434	30.712	ng/uL	99
76) Pentachlorobenzene	14.504	250	335264	29.237	ng/uL	99
77) Carbazole	17.428	167	933712	29.639	ng/ul	100
78) Di-n-butylphthalate	18.004	149	1124053	32.154	ng/ul	99
80) Fluoranthene	19.134	202	1445403	31.627	ng/ul	99
82) Pyrene	19.516	202	1515608	30.870	ng/ul	98
83) Butylbenzylphthalate	20.475	149	527399	32.627	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	520812	26.940	ng/ul	99
85) Benzo(a)anthracene	21.422	228	1607855	30.574	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	769912	33.517	ng/ul	97
87) Chrysene	21.492	228	1459156	29.488	ng/ul	100
89) Di-n-octyl phthalate	22.563	149	1283633	31.685	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1738682	31.283	ng/ul	99
91) Benzo(k)fluoranthene	23.710	252	1672701	30.572	ng/ul#	98
93) Benzo(a)pyrene	24.510	252	1567241	31.193	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.304	276	2057274	29.389	ng/ul	98
95) Dibenzo(a,h)anthracene	28.357	278	1657878m	29.169	ng/ul	
96) Benzo(g,h,i)perylene	29.427	276	1560170	29.344	ng/ul	99

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

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