Quantitation Report (Qedit)

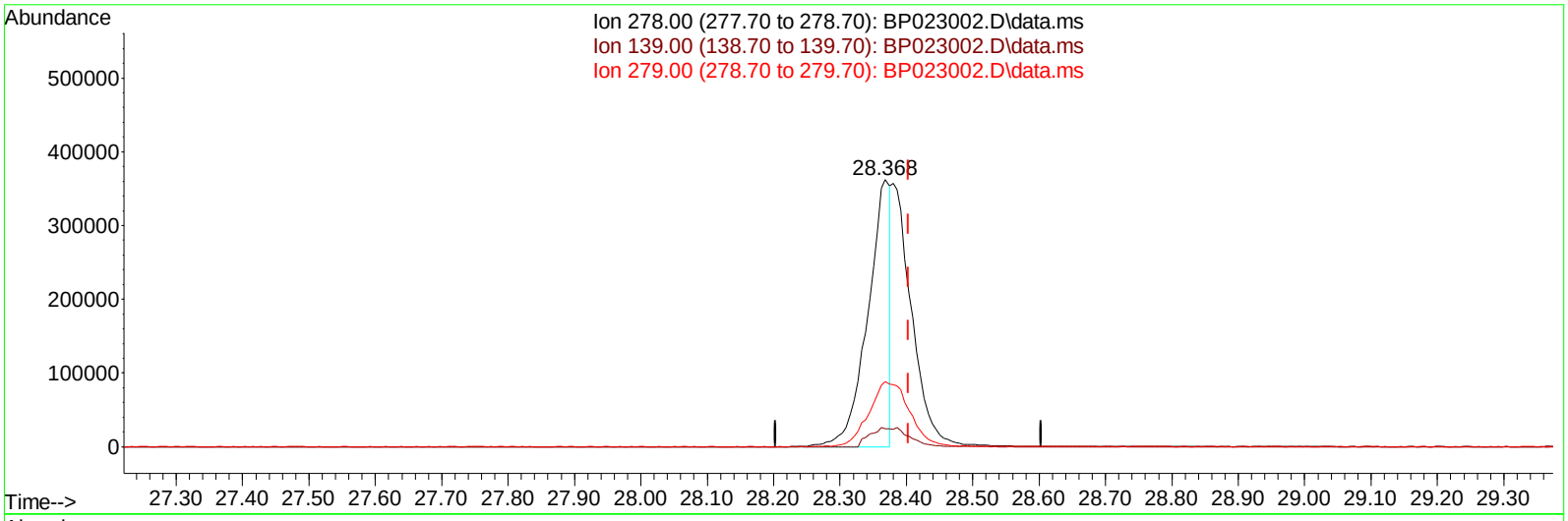
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP023002.D
Acq On : 10 Nov 2024 16:15
Operator : RC/JU
Sample : PB164813BS
Misc :
ALS Vial : 90 Sample Multiplier: 1

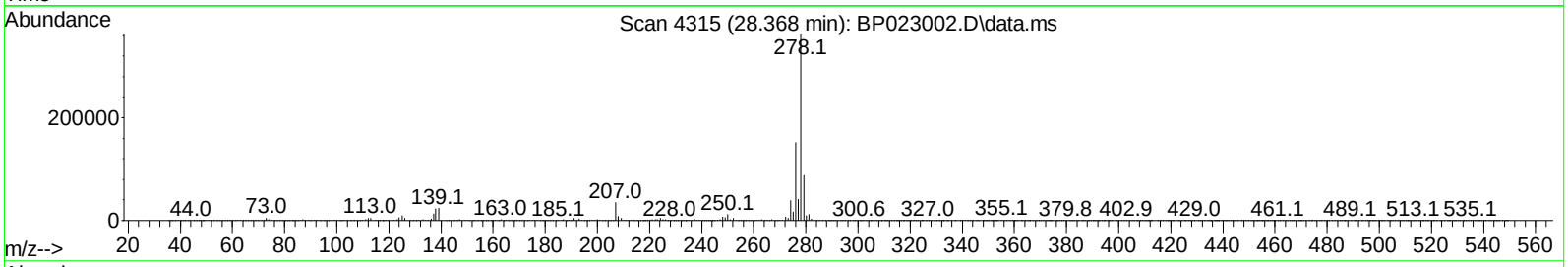
Quant Time: Nov 10 22:40:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

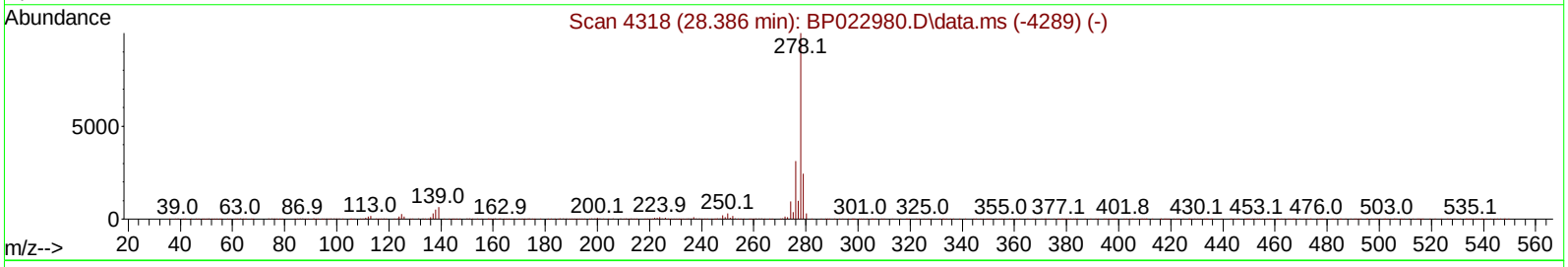
Instrument :
BNA_P
ClientSampleId :
SLCS813

Manual IntegrationsAPPROVED

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







TIC: BP023002.D\data.ms

(95) Dibenzo(a,h)anthracene

28.368min (-0.035) 23.36 ng/ul

response 843219

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.70	6.68
279.00	24.30	24.40
0.00	0.00	0.00

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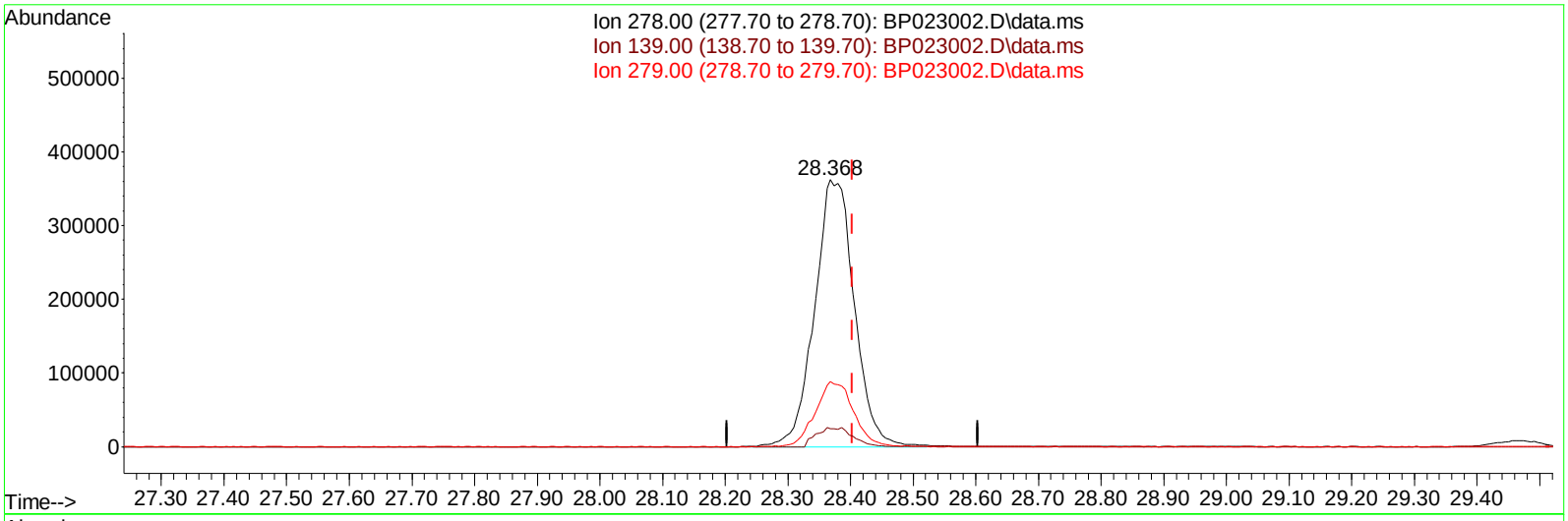

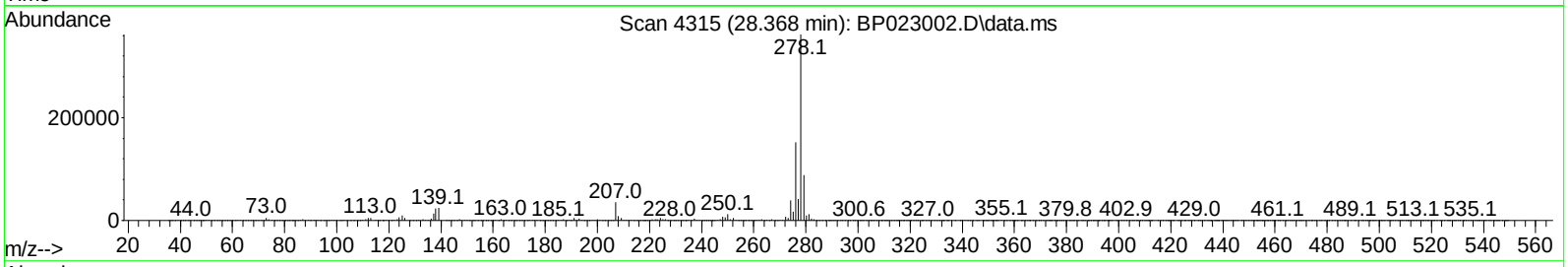

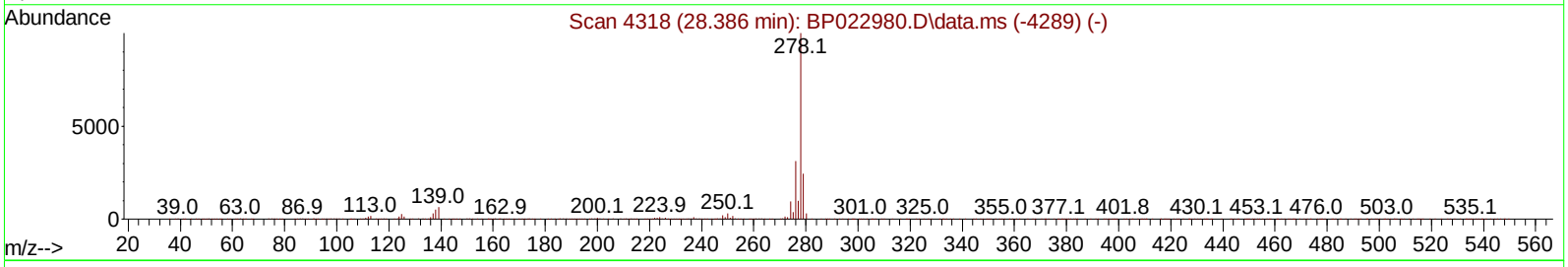

TIC: BP023002.D\data.ms

(95) Dibenzo(a,h)anthracene

28.368min (-0.035) 44.17 ng/ul m

response 1594012

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.70	6.68
279.00	24.30	24.40
0.00	0.00	0.00

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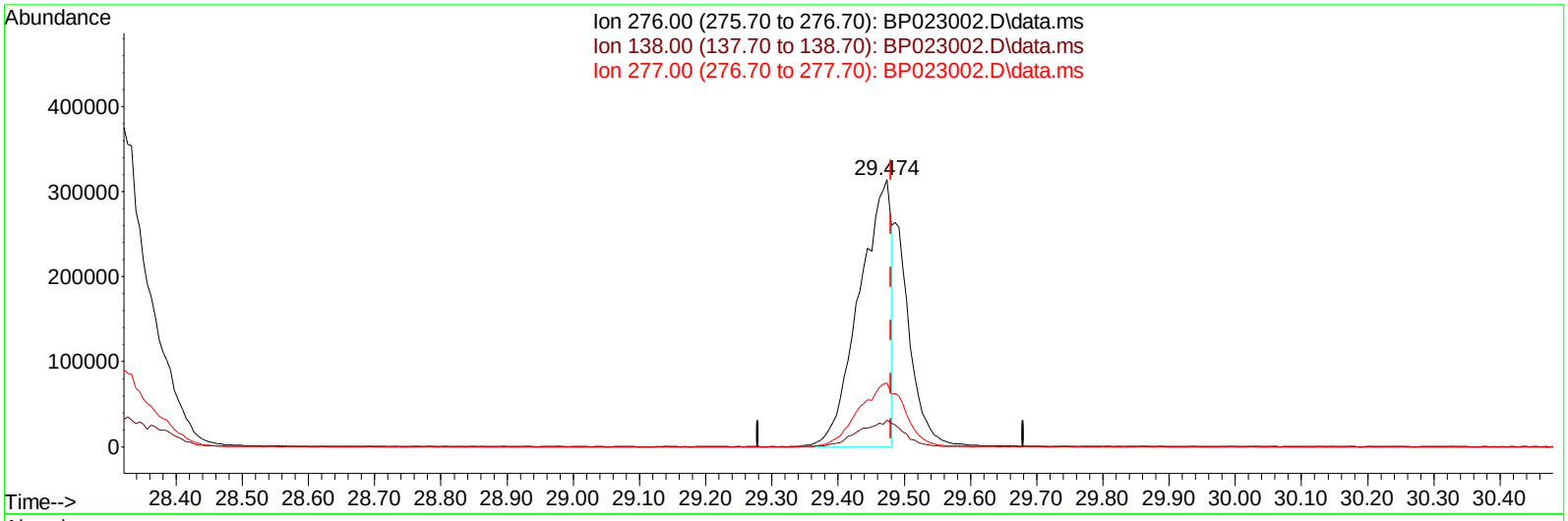

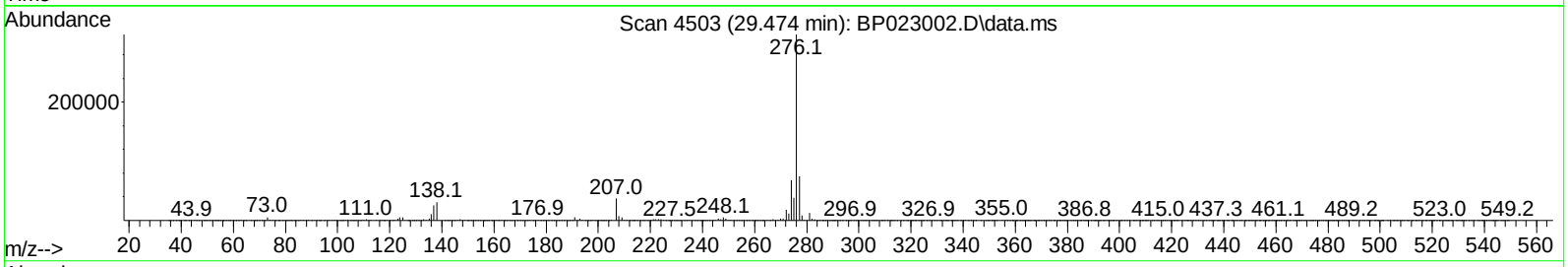

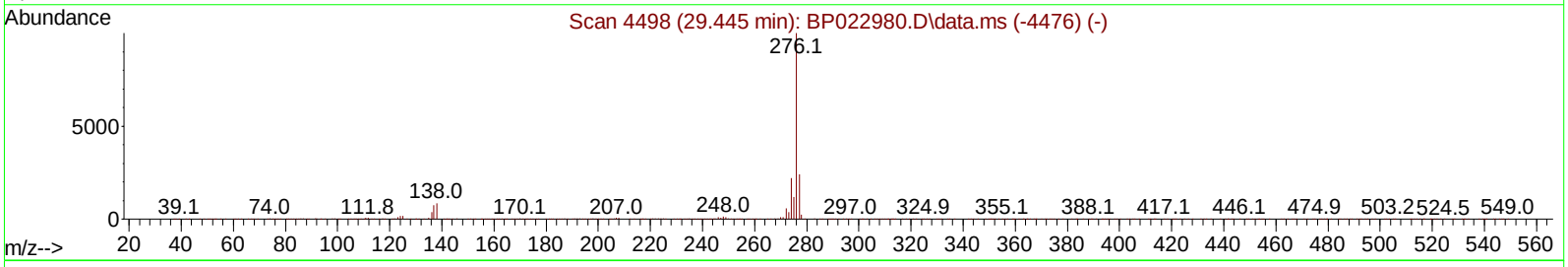

TIC: BP023002.D\data.ms

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

29.474min (-0.006) 30.93 ng/ul

response 1044132

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	10.01
277.00	24.30	23.86
0.00	0.00	0.00

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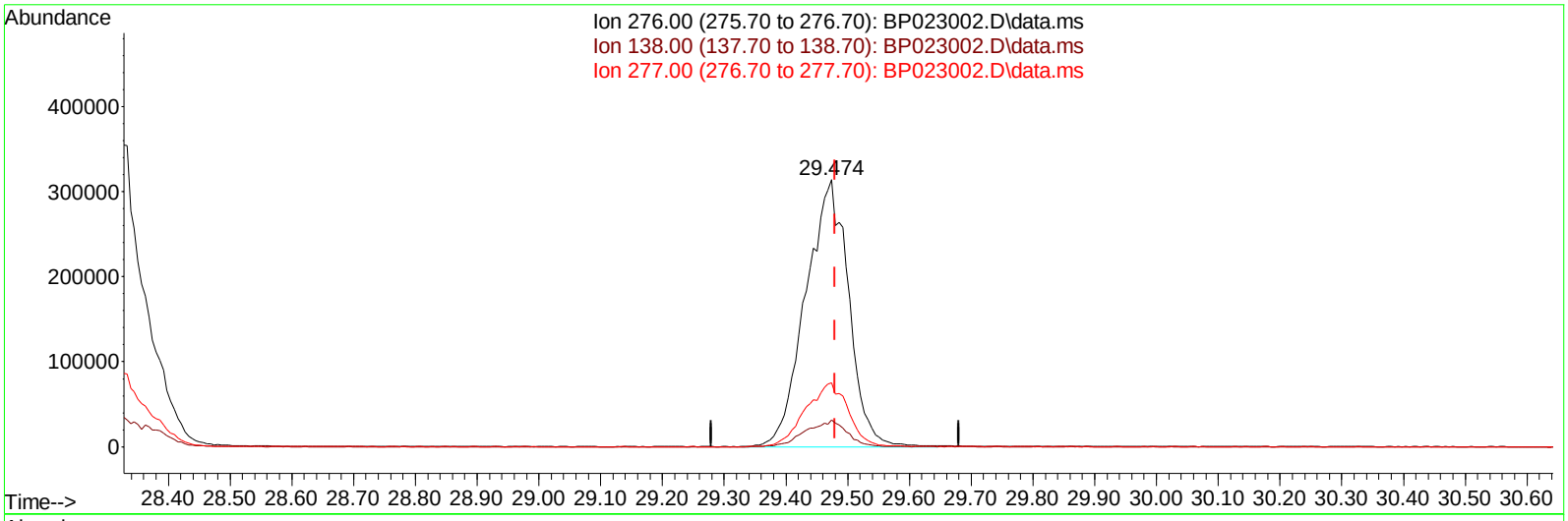

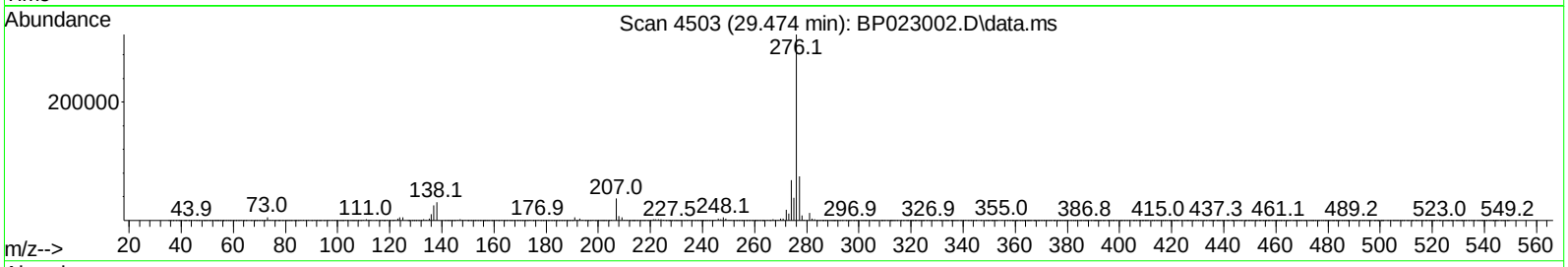

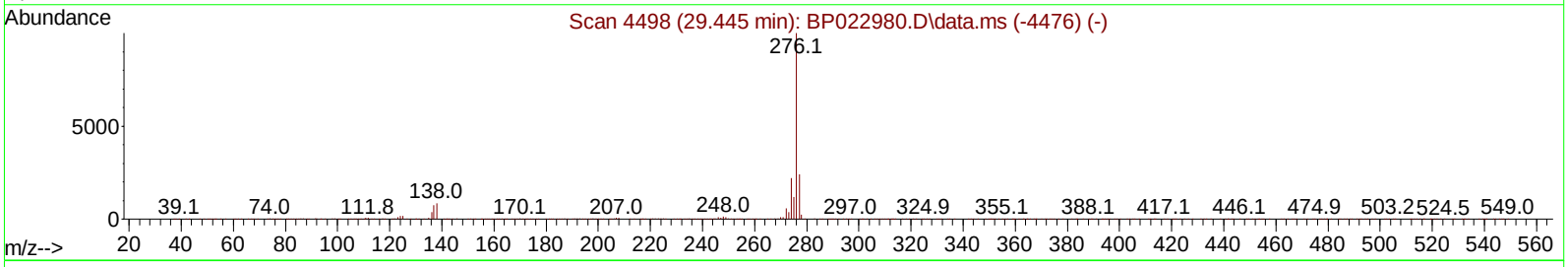

TIC: BP023002.D\data.ms

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

29.474min (-0.006) 44.85 ng/ul m

response 1514044

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	10.01
277.00	24.30	23.86
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	47021	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.340	136	193281	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.210	164	163141	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.010	188	437147	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.439	240	523924	20.000	ng/ul	-0.02
88) Perylene-d12	24.674	264	634069	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	8336	8.522	ng/uL	0.00
4) Pyridine-d5	3.552	84	118303	40.705	ng/ul	0.00
7) Phenol-d5	6.793	99	153405	44.128	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	85092	41.662	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.134	132	114025	44.785	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	127488	44.564	ng/ul	-0.01
21) Nitrobenzene-d5	8.728	128	56235	41.793	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	69918	43.585	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	150242	44.723	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.493	131	152975	38.170	ng/ul	0.00
46) Dimethylphthalate-d6	13.610	166	500892	42.600	ng/ul	0.00
49) Acenaphthylene-d8	13.893	160	531139	43.292	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.463	143	78975	44.694	ng/ul	0.00
60) Fluorene-d10	15.228	176	460367	44.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	112813	43.079	ng/ul	0.00
73) Anthracene-d10	17.110	188	784506	42.385	ng/ul	-0.01
81) Pyrene-d10	19.498	212	1068765	44.288	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.451	264	1410200	46.690	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	17181	15.200	ng/uL	91
5) Pyridine	3.570	79	119132	40.815	ng/ul	99
6) Benzaldehyde	6.758	77	39972	19.981	ng/ul	98
8) Phenol	6.816	94	161406	44.462	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.028	93	113370	41.559	ng/ul	98
12) 2-Chlorophenol	7.169	128	118781	44.936	ng/ul	96
13) 2-Methylphenol	8.034	108	119080	43.944	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.099	45	133602	43.263	ng/ul	95
16) Acetophenone	8.399	105	202345	42.092	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.381	70	108498	45.201	ng/ul	98
18) 4-Methylphenol	8.358	108	135110	45.141	ng/ul	94
19) Hexachloroethane	8.634	117	54157	42.363	ng/ul	99
22) Nitrobenzene	8.769	77	169209	43.826	ng/ul	95
23) Isophorone	9.293	82	295440	42.794	ng/ul	100
25) 2-Nitrophenol	9.475	139	73406	43.354	ng/ul	95
26) 2,4-Dimethylphenol	9.546	107	133902	36.623	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.758	93	161785	42.591	ng/ul	100
29) 2,4-Dichlorophenol	10.005	162	147073	44.199	ng/ul	98
30) Naphthalene	10.387	128	396362	42.211	ng/ul	100
32) 4-Chloroaniline	10.510	127	96924	24.962	ng/ul	99
33) Hexachlorobutadiene	10.663	225	123420	40.992	ng/ul	99
34) Caprolactam	11.299	113	43016	43.462	ng/ul	97
35) 4-Chloro-3-methylphenol	11.657	107	166158	46.416	ng/ul	95

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.010	142	302542	42.677 ng/ul	95
37) 1-Methylnaphthalene	12.222	142	302411	41.729 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.381	216	230728	41.892 ng/ul	94
40) Hexachlorocyclopentadiene	12.352	237	101823	35.198 ng/ul	97
41) 2,4,6-Trichlorophenol	12.628	196	146915	43.806 ng/ul	100
42) 2,4,5-Trichlorophenol	12.716	196	160714	44.451 ng/ul	99
43) 1,1'-Biphenyl	13.028	154	448462	42.900 ng/ul	99
44) 2-Chloronaphthalene	13.075	162	366461	42.884 ng/ul	100
45) 2-Nitroaniline	13.287	65	117633	49.026 ng/ul	92
47) Dimethylphthalate	13.657	163	496017	42.775 ng/ul	99
48) 2,6-Dinitrotoluene	13.804	165	102124	45.276 ng/ul	99
50) Acenaphthylene	13.922	152	546638	44.078 ng/ul	99
51) 3-Nitroaniline	14.146	138	89595	46.117 ng/ul	95
52) Acenaphthene	14.269	153	394297	43.793 ng/ul	97
53) 2,4-Dinitrophenol	14.357	184	70796	44.234 ng/ul	98
55) 4-Nitrophenol	14.475	109	100095	48.417 ng/ul	98
56) Dibenzofuran	14.616	168	607500	43.671 ng/ul	96
57) 2,4-Dinitrotoluene	14.598	165	166786	46.394 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.863	232	158750	44.919 ng/ul	98
59) Diethylphthalate	15.045	149	507748	44.274 ng/ul	99
61) Fluorene	15.281	166	504878	44.343 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	292156	43.579 ng/ul	100
63) 4-Nitroaniline	15.322	138	98665	54.578 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.381	198	119734	42.802 ng/ul#	99
67) N-Nitrosodiphenylamine	15.498	169	438703	43.430 ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	213223	43.073 ng/ul	99
69) Hexachlorobenzene	16.304	284	265390	42.587 ng/ul	98
70) Atrazine	16.475	200	155058	31.756 ng/ul	98
71) Pentachlorophenol	16.669	266	159401	41.200 ng/ul	99
72) Phenanthrene	17.051	178	908513	44.017 ng/ul	100
74) Anthracene	17.145	178	893986	43.081 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.987	216	231133	40.046 ng/uL	97
76) Pentachlorobenzene	14.540	250	272698	41.379 ng/uL	97
77) Carbazole	17.434	167	804739	44.449 ng/ul	99
78) Di-n-butylphthalate	18.022	149	894319	44.514 ng/ul	100
80) Fluoranthene	19.151	202	1234212	44.393 ng/ul	99
82) Pyrene	19.528	202	1323276	44.306 ng/ul	99
83) Butylbenzylphthalate	20.475	149	456244	46.398 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	508896	43.272 ng/ul	99
85) Benzo(a)anthracene	21.422	228	1441878	45.070 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.357	149	644276	46.106 ng/ul	99
87) Chrysene	21.486	228	1351859	44.909 ng/ul	99
89) Di-n-octyl phthalate	22.580	149	1139626	44.302 ng/ul	100
90) Benzo(b)fluoranthene	23.657	252	1618083	45.848 ng/ul	100
91) Benzo(k)fluoranthene	23.716	252	1566580	45.091 ng/ul#	99
93) Benzo(a)pyrene	24.521	252	1452152	45.517 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.315	276	1967374	44.261 ng/ul	98
95) Dibenzo(a,h)anthracene	28.368	278	1594012m	44.167 ng/ul	
96) Benzo(g,h,i)perylene	29.474	276	1514044m	44.846 ng/ul	

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

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