Quantitation Report (Qedit)

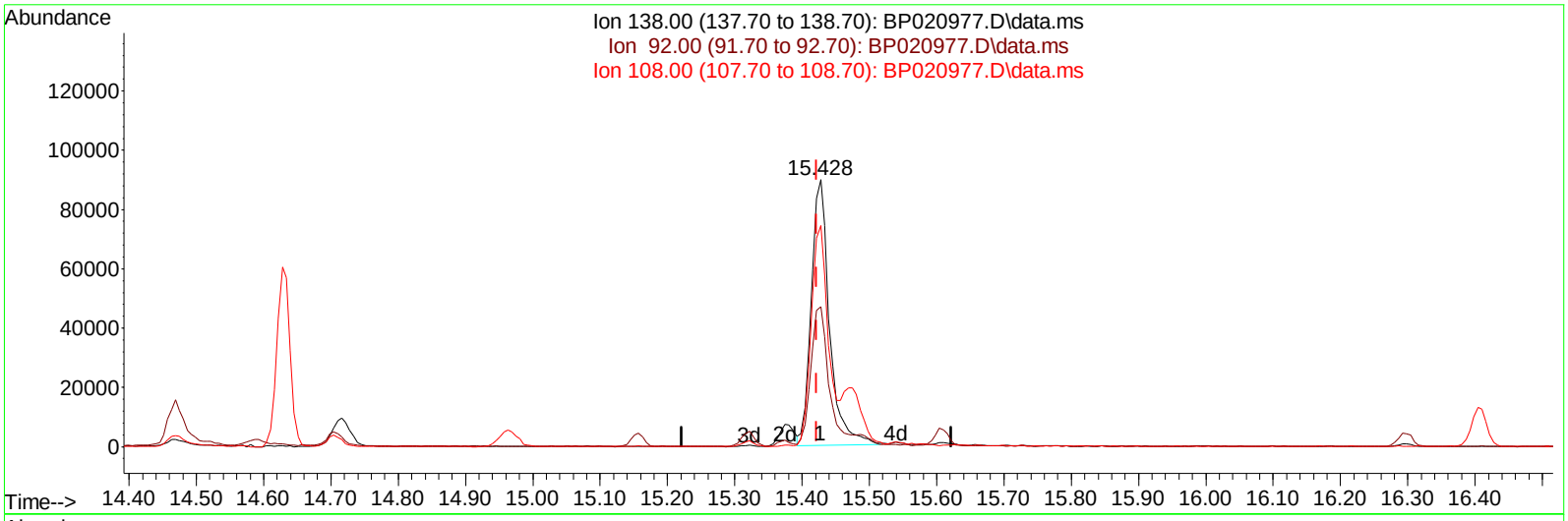
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020977.D
Acq On : 16 Jul 2024 05:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

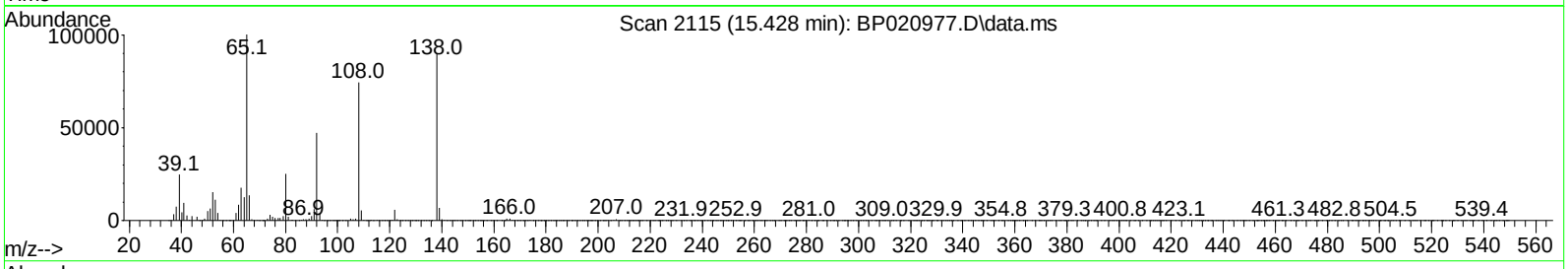
Quant Time: Jul 16 05:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

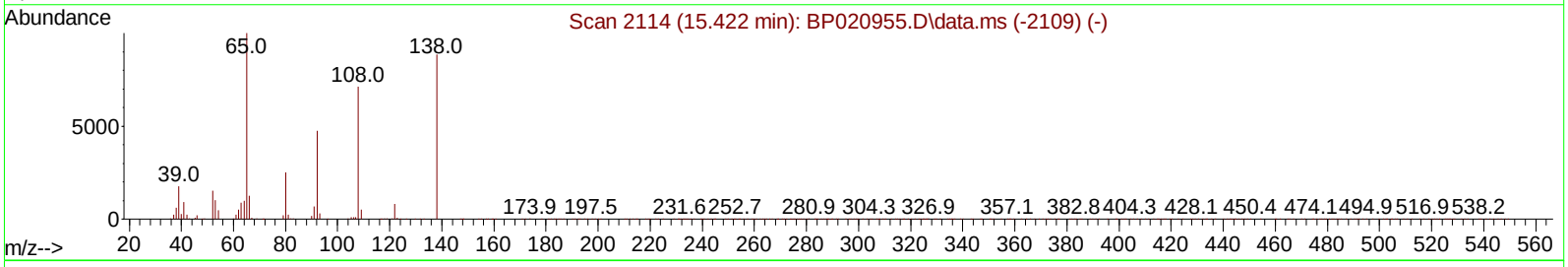
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024







TIC: BP020977.D\data.ms

(63) 4-Nitroaniline

15.428min (+ 0.006) 28.32 ng/ul

response 169643

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	52.44
108.00	80.90	82.78
0.00	0.00	0.00

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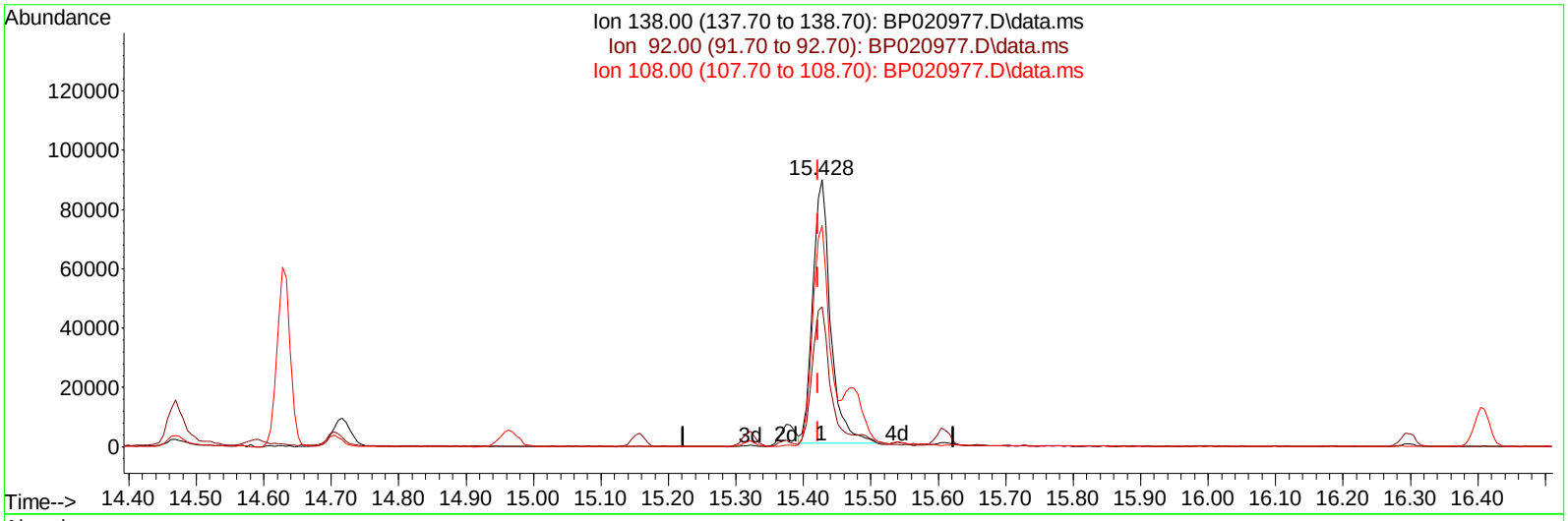

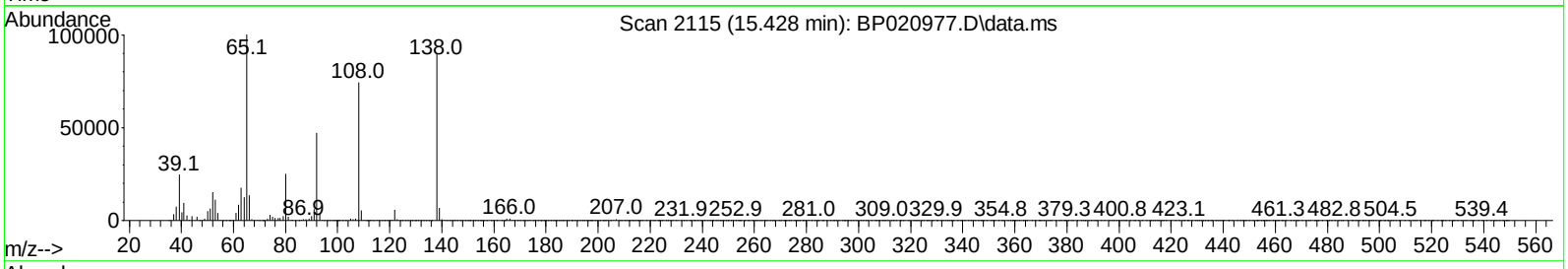

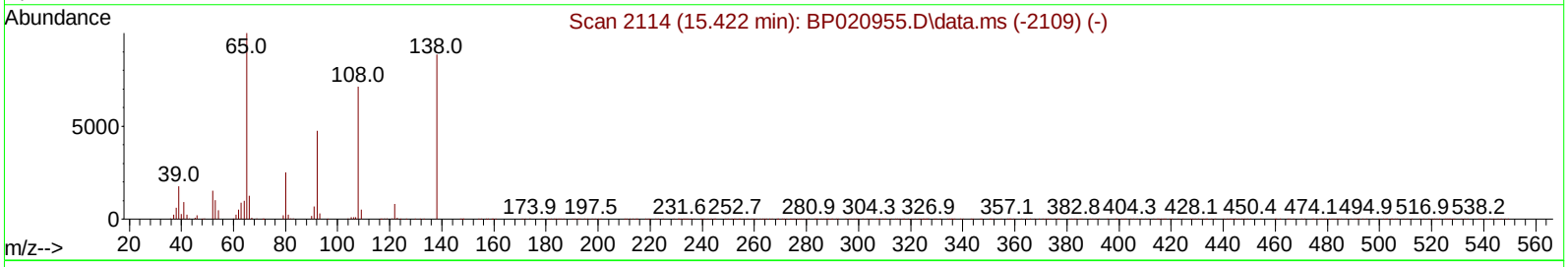

TIC: BP020977.D\data.ms

(63) 4-Nitroaniline

15.428min (+ 0.006) 27.55 ng/ul m

response 164998

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	52.44
108.00	80.90	82.78
0.00	0.00	0.00

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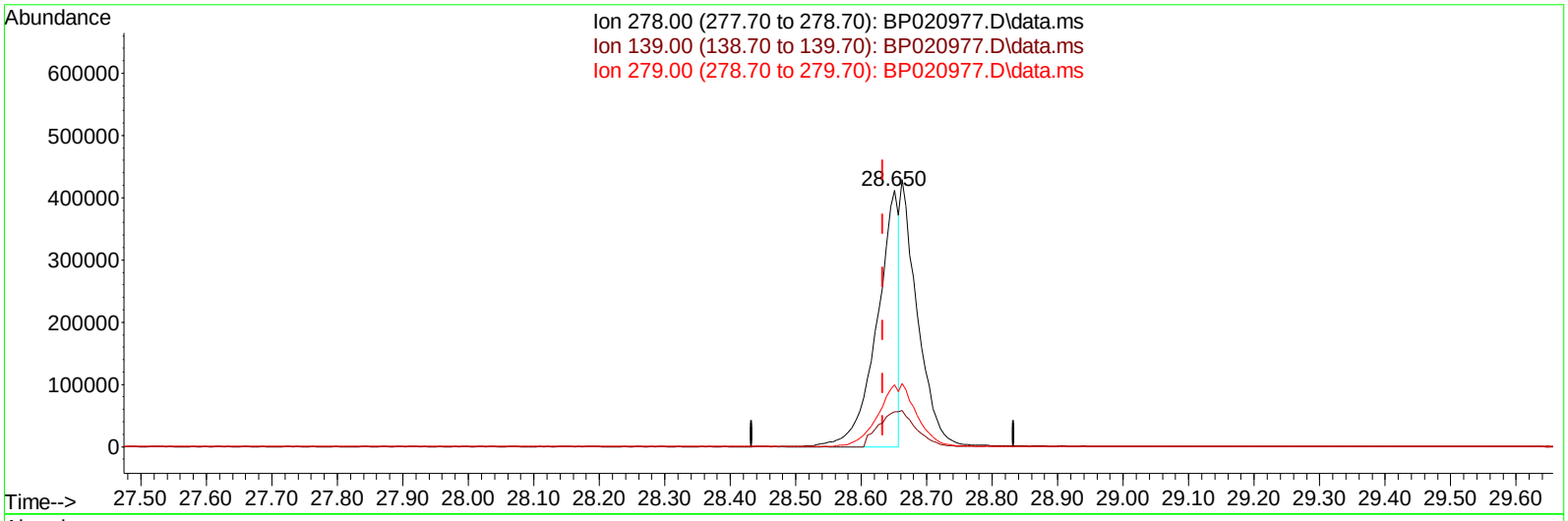

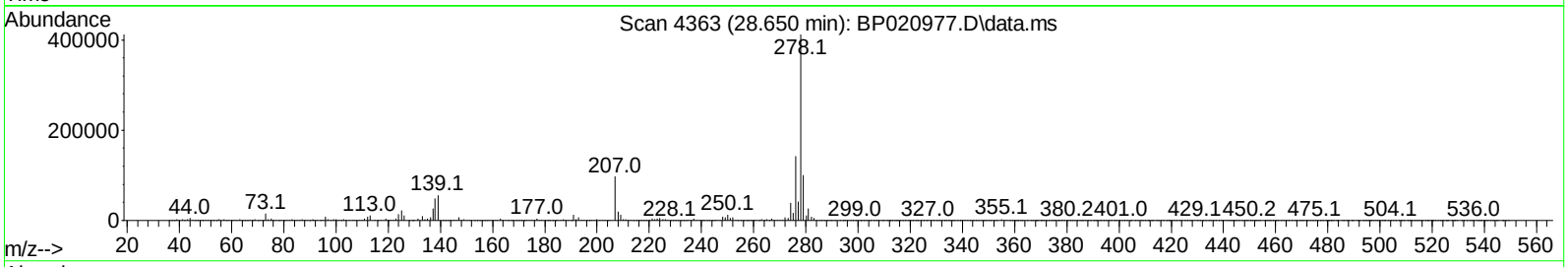

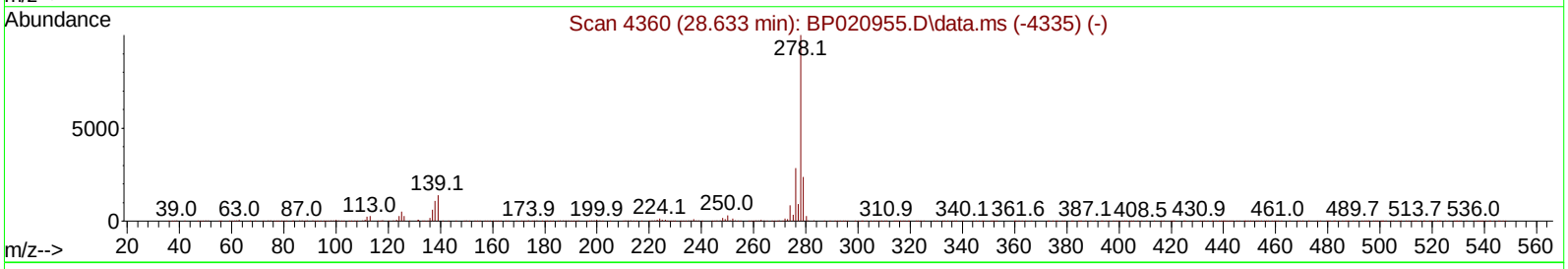

TIC: BP020977.D\data.ms

(95) Dibenzo(a,h)anthracene

28.650min (+ 0.017) 11.10 ng/ul

response 954858

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.73
279.00	24.20	24.29
0.00	0.00	0.00

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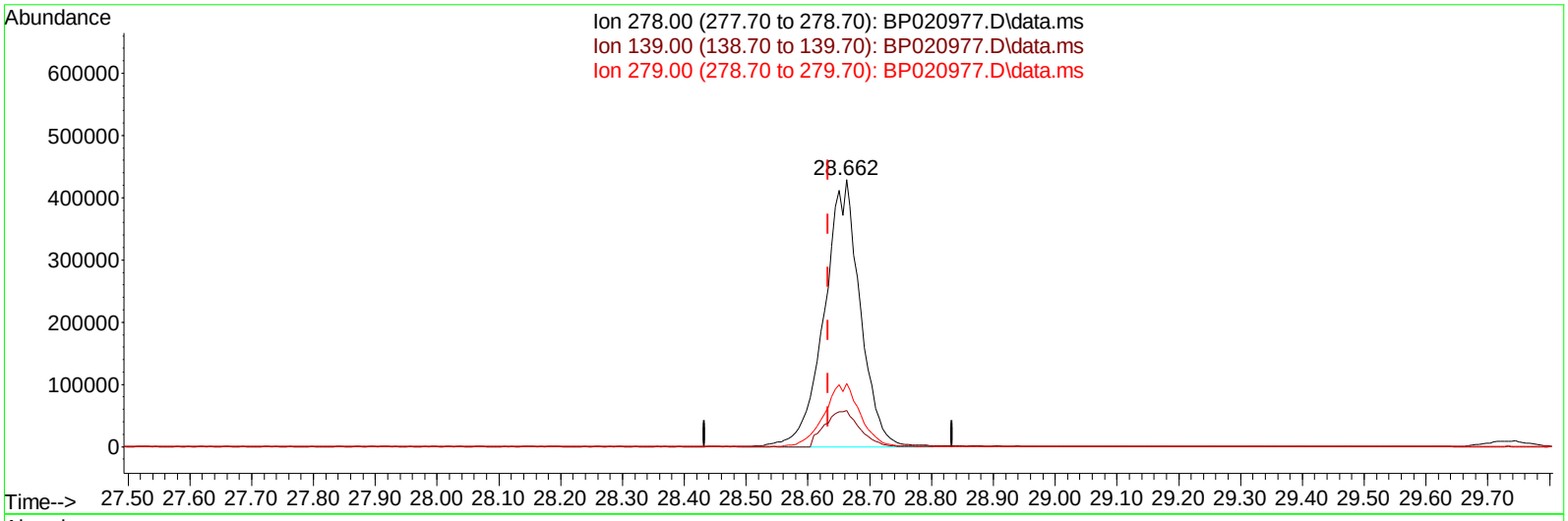

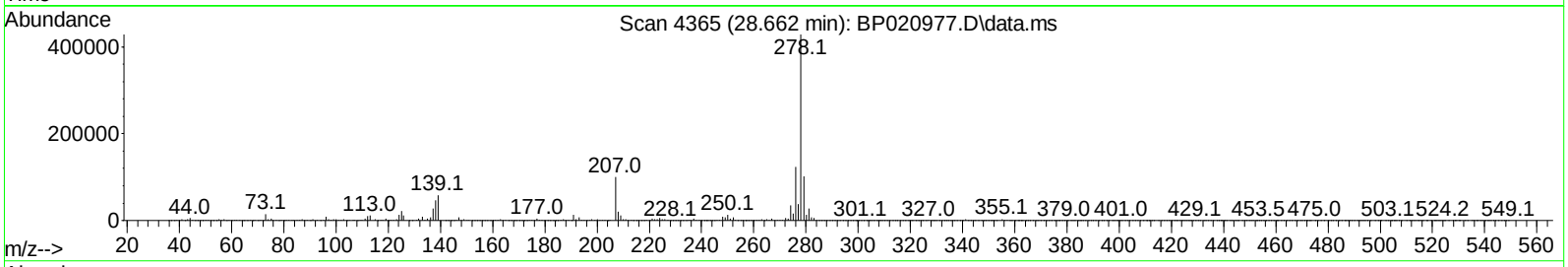

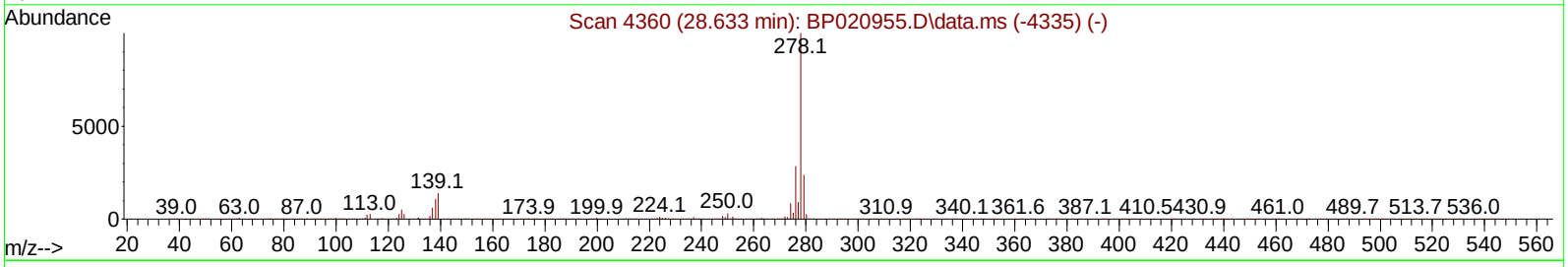

TIC: BP020977.D\data.ms

(95) Dibenzo(a,h)anthracene

28.662min (+ 0.029) 20.16 ng/ul m

response 1734123

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.58
279.00	24.20	23.67
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	213868	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	855077	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.310	164	563642	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1204746	20.000	ng/ul	0.01
79) Chrysene-d12	21.557	240	1194337	20.000	ng/ul	0.00
88) Perylene-d12	24.839	264	1405485	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	36878	7.847	ng/uL	0.00
4) Pyridine-d5	3.658	84	260079	19.115	ng/ul	0.00
7) Phenol-d5	6.899	99	338756	19.429	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	211124	19.980	ng/ul	0.01
11) 2-Chlorophenol-d4	7.240	132	291283	20.276	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	287212	19.833	ng/ul	0.02
21) Nitrobenzene-d5	8.852	128	141629	21.325	ng/ul	0.02
24) 2-Nitrophenol-d4	9.552	143	164048	21.581	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	292706	21.295	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	388636	21.342	ng/ul	0.01
46) Dimethylphthalate-d6	13.722	166	890876	21.743	ng/ul	0.01
49) Acenaphthylene-d8	13.998	160	991698	21.555	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	124748	21.399	ng/ul	0.00
60) Fluorene-d10	15.322	176	732372	21.787	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	147044	20.172	ng/ul	0.01
73) Anthracene-d10	17.216	188	1160252	21.683	ng/ul	0.00
81) Pyrene-d10	19.604	212	1388609	18.806	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	1444309	20.836	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	40054	7.749	ng/uL	96
5) Pyridine	3.675	79	275747	19.649	ng/ul	99
6) Benzaldehyde	6.863	77	210385	23.934	ng/ul	97
8) Phenol	6.922	94	345172	19.564	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.134	93	287458	19.722	ng/ul	97
12) 2-Chlorophenol	7.275	128	288636	20.047	ng/ul	99
13) 2-Methylphenol	8.152	108	269953	19.784	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.210	45	419577	19.925	ng/ul	99
16) Acetophenone	8.516	105	445969	19.953	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	225714	19.274	ng/ul	96
18) 4-Methylphenol	8.475	108	290014	19.839	ng/ul	97
19) Hexachloroethane	8.740	117	126911	19.615	ng/ul	96
22) Nitrobenzene	8.899	77	338997	21.308	ng/ul	100
23) Isophorone	9.404	82	636419	20.122	ng/ul	100
25) 2-Nitrophenol	9.587	139	171833	21.674	ng/ul	99
26) 2,4-Dimethylphenol	9.657	107	330180	21.120	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	395565	20.575	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	285251	21.057	ng/ul	99
30) Naphthalene	10.504	128	935364	20.796	ng/ul	100
32) 4-Chloroaniline	10.628	127	371440	21.361	ng/ul	99
33) Hexachlorobutadiene	10.775	225	213684	21.037	ng/ul	98
34) Caprolactam	11.428	113	91994	22.045	ng/ul	96
35) 4-Chloro-3-methylphenol	11.763	107	312595	21.229	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	644699	20.881	ng/ul	98
37) 1-Methylnaphthalene	12.340	142	665362	20.954	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	385838	21.078	ng/ul	99
40) Hexachlorocyclopentadiene	12.445	237	189733	19.814	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	240290	20.775	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	260140	21.257	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	846720	20.556	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	689064	20.954	ng/ul	99
45) 2-Nitroaniline	13.410	65	198741	21.854	ng/ul	97
47) Dimethylphthalate	13.775	163	879772	21.161	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	177029	21.298	ng/ul	100
50) Acenaphthylene	14.028	152	1103902	21.192	ng/ul	99
51) 3-Nitroaniline	14.245	138	171941	23.772	ng/ul	99
52) Acenaphthene	14.375	153	738770	21.368	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	114468	26.224	ng/ul	98
55) 4-Nitrophenol	14.592	109	97660	20.594	ng/ul	93
56) Dibenzofuran	14.716	168	1020227	21.548	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	262974	23.047	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.969	232	228070	21.764	ng/ul	95
59) Diethylphthalate	15.157	149	888338	21.380	ng/ul	99
61) Fluorene	15.381	166	828998	21.457	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	444333	21.194	ng/ul	96
63) 4-Nitroaniline	15.428	138	164998m	27.546	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.492	198	157171	20.332	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	707957	20.180	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	284763	20.166	ng/ul	97
69) Hexachlorobenzene	16.410	284	329250	20.335	ng/ul	99
70) Atrazine	16.586	200	278847	21.809	ng/ul	99
71) Pentachlorophenol	16.769	266	211077	24.003	ng/ul	100
72) Phenanthrene	17.169	178	1319258	21.109	ng/ul	99
74) Anthracene	17.251	178	1357496	21.306	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	376844	19.543	ng/uL	100
76) Pentachlorobenzene	14.634	250	385455	20.117	ng/uL	99
77) Carbazole	17.557	167	1191434	22.875	ng/ul	100
78) Di-n-butylphthalate	18.128	149	1588318	22.104	ng/ul	99
80) Fluoranthene	19.257	202	1624175	18.214	ng/ul	100
82) Pyrene	19.633	202	1697081	18.703	ng/ul	99
83) Butylbenzylphthalate	20.574	149	742447	19.638	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	584144	21.404	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1751984	20.941	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	1080514	19.860	ng/ul	99
87) Chrysene	21.604	228	1641305	21.112	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1870150	20.142	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	1793224	21.025	ng/ul	98
91) Benzo(k)fluoranthene	23.868	252	1722511	20.237	ng/ul	99
93) Benzo(a)pyrene	24.692	252	1646861	20.433	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	2065814	19.890	ng/ul	99
95) Dibenzo(a,h)anthracene	28.662	278	1734123m	20.163	ng/ul	
96) Benzo(g,h,i)perylene	29.745	276	1669000	19.732	ng/ul	97

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

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