Quantitation Report (Qedit)

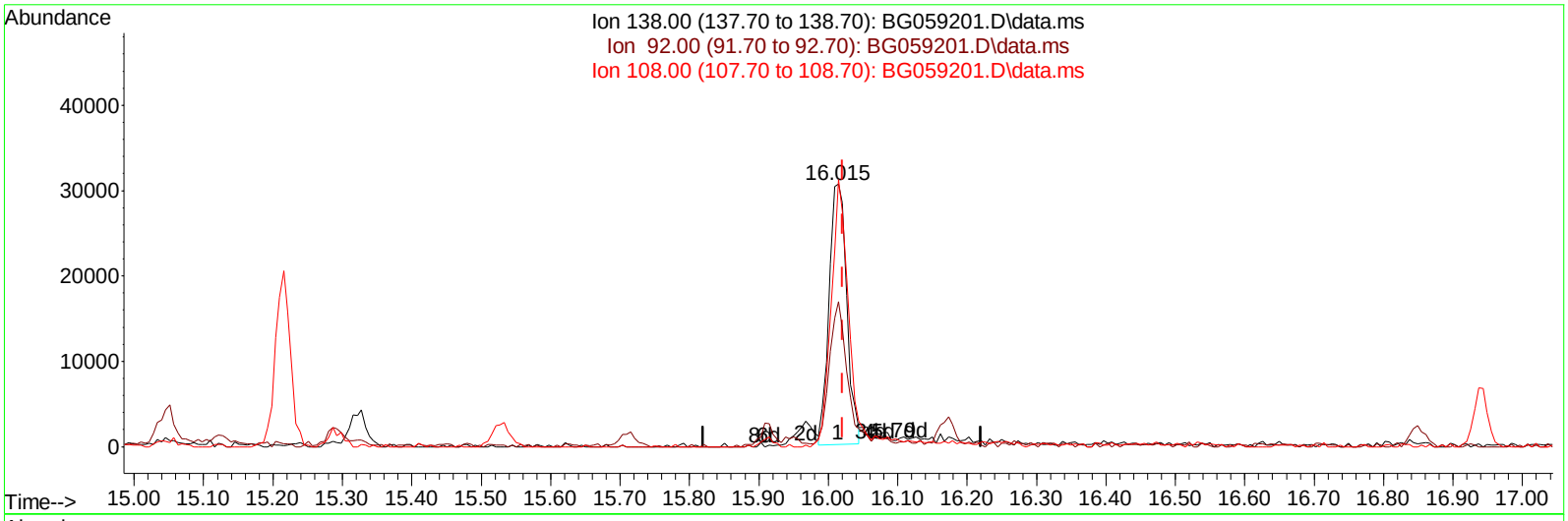
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059201.D
Acq On : 26 Sep 2023 17:03
Operator : MA/JU
Sample : PB155814BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

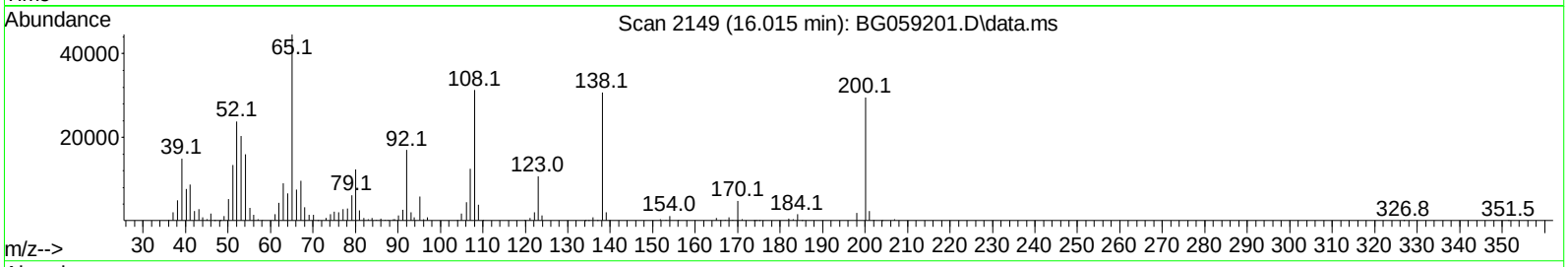
Quant Time: Sep 26 22:34:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 25 22:33:28 2023
Response via : Initial Calibration

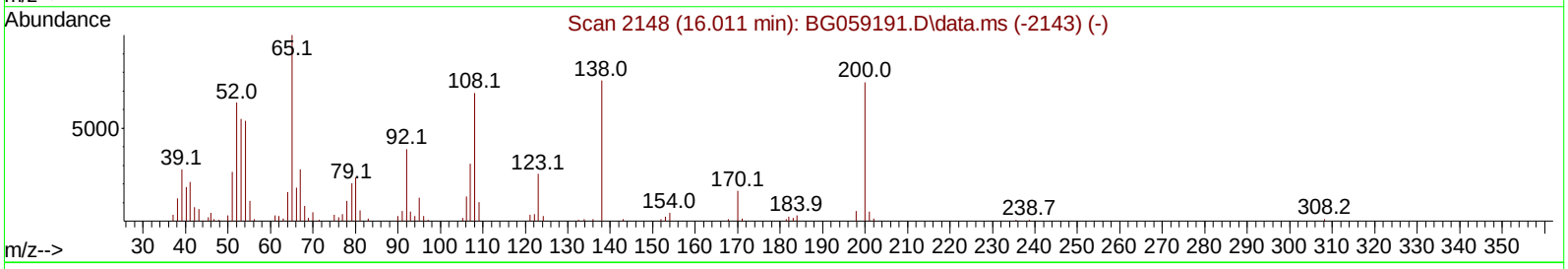
Instrument :
BNA_G
ClientSampleId :
SLCS814

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059201.D\data.ms

(63) 4-Nitroaniline

16.015min (-0.005) 36.61 ng/ul

response 54578

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.80	55.25
108.00	66.90	101.61#
0.00	0.00	0.00

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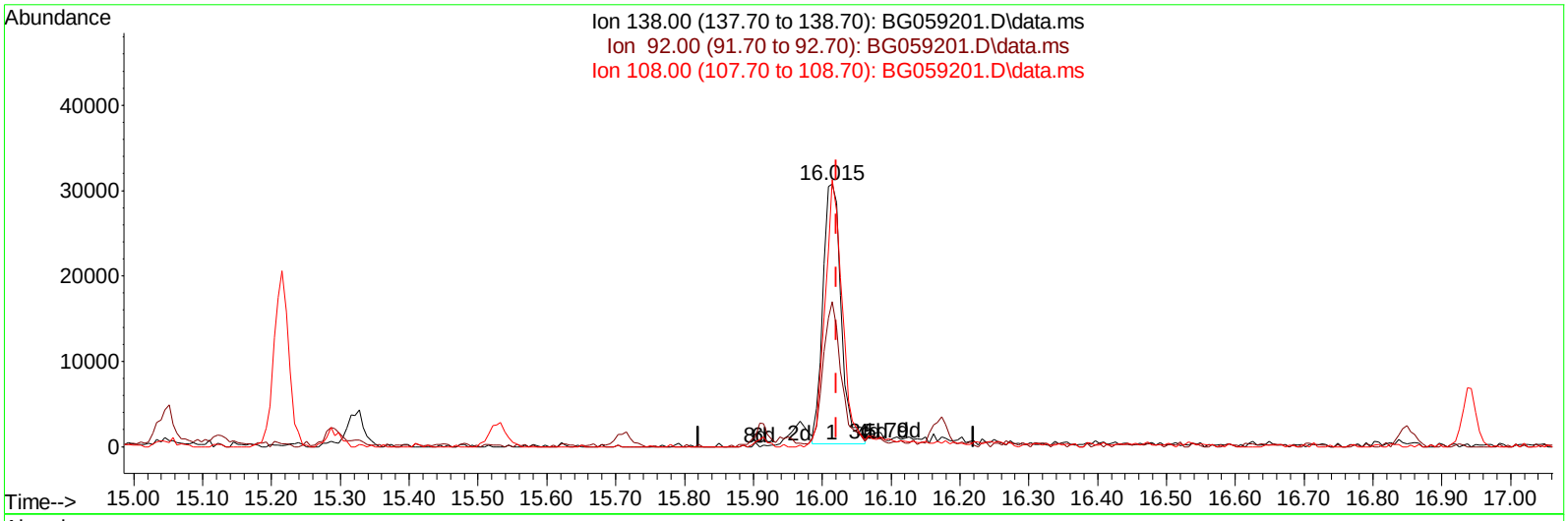

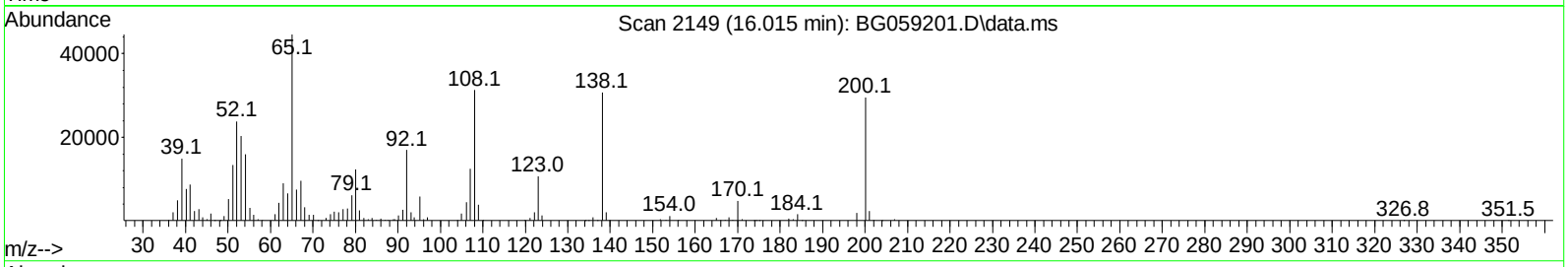

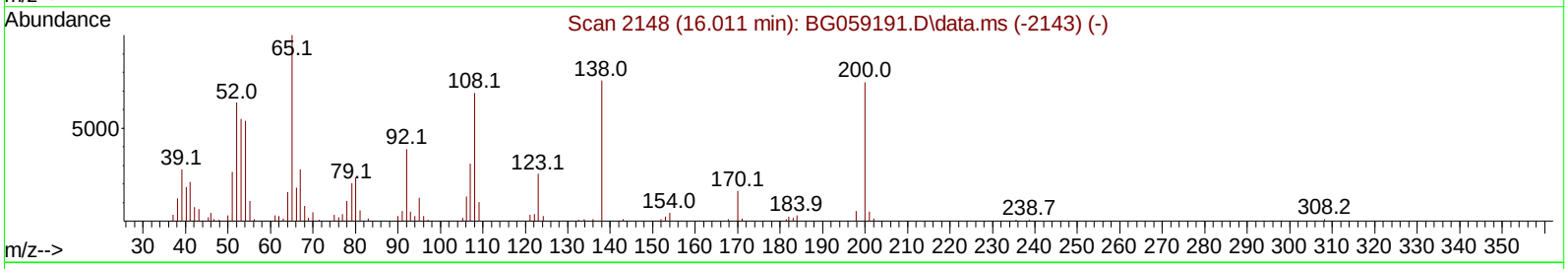

TIC: BG059201.D\data.ms

(63) 4-Nitroaniline

16.015min (-0.005) 37.54 ng/ul m

response 55953

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.80	55.25
108.00	66.90	101.61#
0.00	0.00	0.00

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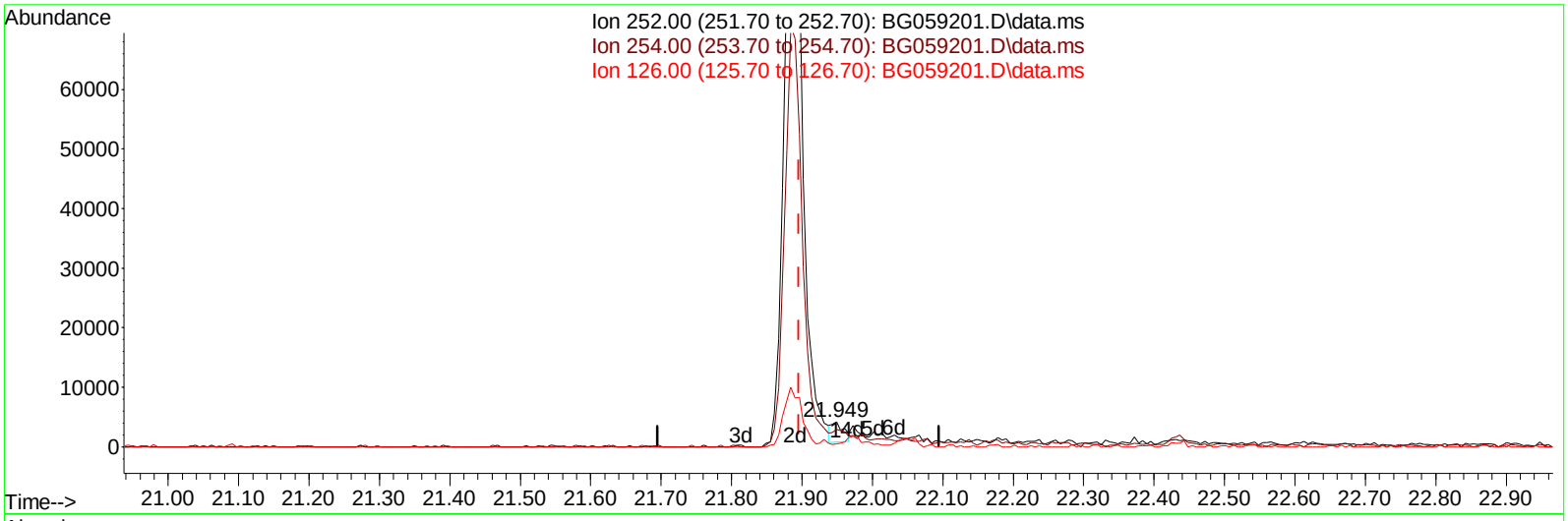

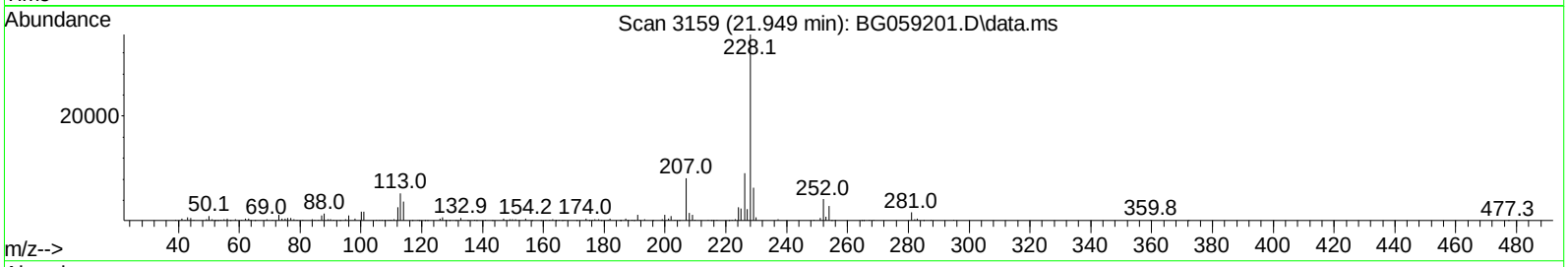

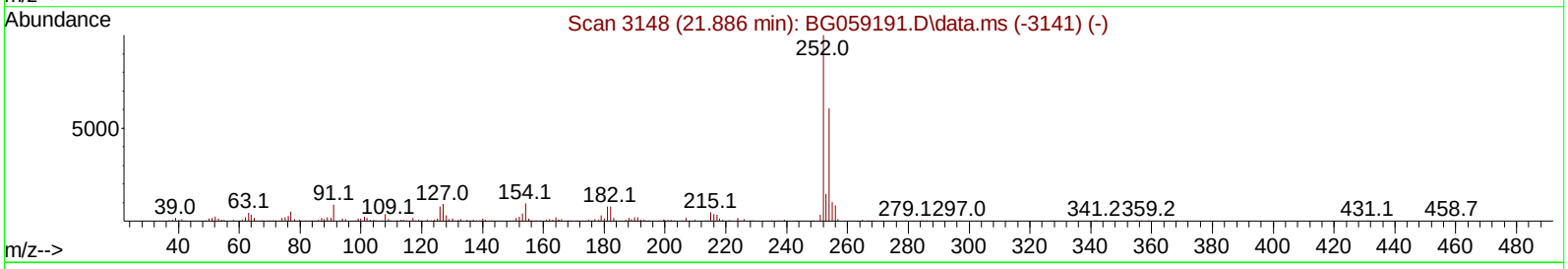

TIC: BG059201.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.949min (+ 0.053) 0.88 ng/ul

response 4254

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	65.50	70.54
126.00	10.20	12.22
0.00	0.00	0.00

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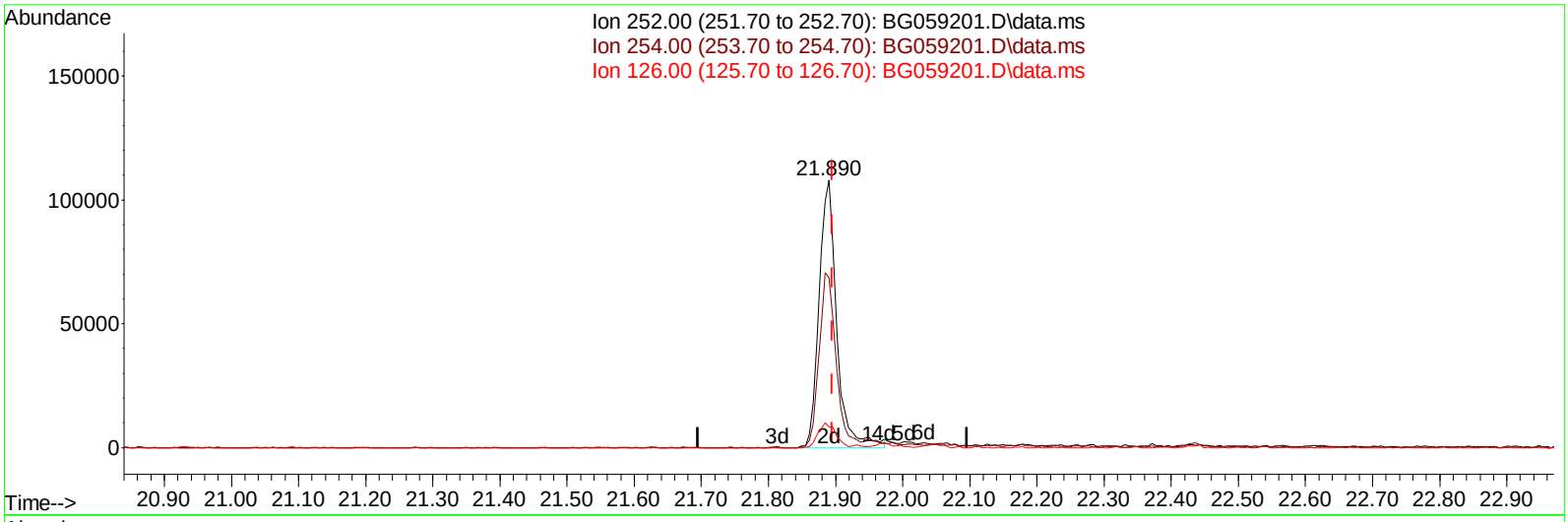

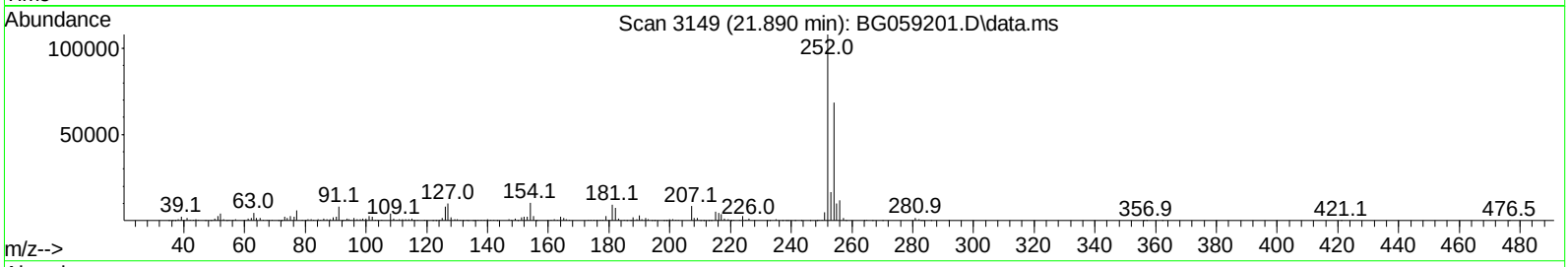

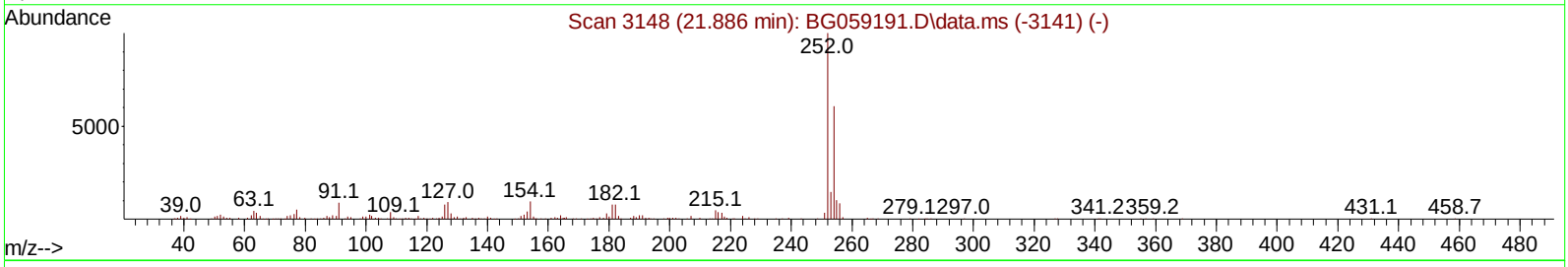

TIC: BG059201.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.890min (-0.006) 41.01 ng/ul m

response 197623

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	65.50	63.45
126.00	10.20	7.58#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 26 Sep 2023 17:03
Operator : MA/JU
Sample : PB155814BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 26 23:42:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
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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	8.288	152	24245	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.138	136	141034	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.922	164	100405	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.677	188	244658	20.000	ng/ul	0.00
79) Chrysene-d12	22.002	240	199415	20.000	ng/ul	0.00
88) Perylene-d12	25.539	264	231958	20.000	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.612	96	6785	10.954	ng/uL	-0.01
4) Pyridine-d5	4.040	84	93538	51.475	ng/ul	-0.02
7) Phenol-d5	7.419	99	141769	59.467	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.619	67	83123	56.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	100074	56.884	ng/ul	-0.01
15) 4-Methylphenol-d8	8.988	113	110216	58.050	ng/ul	-0.01
21) Nitrobenzene-d5	9.493	128	52538	48.276	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.210	143	58832	53.514	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.744	165	111723	53.529	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	156876	48.157	ng/ul	-0.01
46) Dimethylphthalate-d6	14.323	166	404436	52.375	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	460263	48.952	ng/ul	0.00
54) 4-Nitrophenol-d4	15.116	143	43876	31.143	ng/ul	0.00
60) Fluorene-d10	15.915	176	367074	51.933	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.021	200	65602	47.164	ng/ul	-0.01
73) Anthracene-d10	17.777	188	534337	48.000	ng/ul	0.00
81) Pyrene-d10	20.045	212	618082	53.028	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.298	264	568898	50.228	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	14476	20.668	ng/uL#	91
5) Pyridine	4.064	79	91956	49.661	ng/ul	99
6) Benzaldehyde	7.442	77	69516	56.236	ng/ul	88
8) Phenol	7.448	94	148139	60.457	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.713	93	109318	55.567	ng/ul	93
12) 2-Chlorophenol	7.848	128	107417	59.844	ng/ul	96
13) 2-Methylphenol	8.723	108	106803	58.732	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.800	45	241771	59.192	ng/ul	96
16) Acetophenone	9.140	105	175511	60.044	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.099	70	91547	61.954	ng/ul	97
18) 4-Methylphenol	9.052	108	116409	59.735	ng/ul	98
19) Hexachloroethane	9.381	117	38935	55.171	ng/ul	93
22) Nitrobenzene	9.540	77	127895	51.897	ng/ul	95
23) Isophorone	10.045	82	291089	55.082	ng/ul	99
25) 2-Nitrophenol	10.245	139	62807	51.121	ng/ul	97
26) 2,4-Dimethylphenol	10.274	107	95067	41.387	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.527	93	169473	51.547	ng/ul	97
29) 2,4-Dichlorophenol	10.768	162	112835	53.480	ng/ul#	90
30) Naphthalene	11.191	128	388698	51.505	ng/ul	100
32) 4-Chloroaniline	11.308	127	150792	47.024	ng/ul	90
33) Hexachlorobutadiene	11.420	225	67494	49.701	ng/ul#	86
34) Caprolactam	12.096	113	44839	58.032	ng/ul#	49
35) 4-Chloro-3-methylphenol	12.384	107	132253	59.510	ng/ul	99

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.771	142	262126	52.005 ng/ul	97
37)	1-Methylnaphthalene	12.989	142	272099	53.441 ng/ul	94
39)	1,2,4,5-Tetrachloroben...	13.112	216	144328	49.032 ng/ul	98
40)	Hexachlorocyclopentadiene	13.065	237	68918	36.725 ng/ul	92
41)	2,4,6-Trichlorophenol	13.359	196	99966	52.007 ng/ul	89
42)	2,4,5-Trichlorophenol	13.429	196	108497	52.183 ng/ul	93
43)	1,1'-Biphenyl	13.764	154	397198	49.561 ng/ul	94
44)	2-Chloronaphthalene	13.817	162	304127	49.700 ng/ul	97
45)	2-Nitroaniline	14.035	65	104558	53.904 ng/ul	97
47)	Dimethylphthalate	14.370	163	423358	53.678 ng/ul	99
48)	2,6-Dinitrotoluene	14.516	165	85262	58.501 ng/ul#	95
50)	Acenaphthylene	14.657	152	511853	50.967 ng/ul	99
51)	3-Nitroaniline	14.851	138	74670	46.433 ng/ul	89
52)	Acenaphthene	14.992	153	351597	51.627 ng/ul	96
53)	2,4-Dinitrophenol	15.051	184	28679	32.657 ng/ul#	88
55)	4-Nitrophenol	15.133	109	29976	32.194 ng/ul	98
56)	Dibenzofuran	15.321	168	482651	53.431 ng/ul	97
57)	2,4-Dinitrotoluene	15.292	165	121986	58.055 ng/ul#	98
58)	2,3,4,6-Tetrachlorophenol	15.533	232	107973	56.103 ng/ul	93
59)	Diethylphthalate	15.709	149	425640	54.768 ng/ul	100
61)	Fluorene	15.968	166	417141	54.082 ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.950	204	206011	53.815 ng/ul	98
63)	4-Nitroaniline	16.015	138	55953m	37.535 ng/ul	
66)	4,6-Dinitro-2-methylph...	16.038	198	74869	49.939 ng/ul#	93
67)	N-Nitrosodiphenylamine	16.173	169	339969	52.192 ng/ul	98
68)	4-Bromophenyl-phenylether	16.849	248	131689	55.323 ng/ul	88
69)	Hexachlorobenzene	16.943	284	146885	53.873 ng/ul	93
70)	Atrazine	17.108	200	122565	47.290 ng/ul	93
71)	Pentachlorophenol	17.296	266	71204	40.205 ng/ul	92
72)	Phenanthrene	17.719	178	720954	52.658 ng/ul	99
74)	Anthracene	17.813	178	708574	50.650 ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.723	216	150162	46.037 ng/uL	92
76)	Pentachlorobenzene	15.216	250	152061	50.401 ng/uL	95
77)	Carbazole	18.089	167	566760	48.729 ng/ul	100
78)	Di-n-butylphthalate	18.588	149	764773	53.375 ng/ul	98
80)	Fluoranthene	19.710	202	800364	55.103 ng/ul	99
82)	Pyrene	20.081	202	839676	55.422 ng/ul	98
83)	Butylbenzylphthalate	20.932	149	324026	59.209 ng/ul	97
84)	3,3'-Dichlorobenzidine	21.890	252	197623m	41.010 ng/ul	
85)	Benzo(a)anthracene	21.972	228	778624	53.780 ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.802	149	492208	60.114 ng/ul	99
87)	Chrysene	22.049	228	723529	53.587 ng/ul	98
89)	Di-n-octyl phthalate	23.124	149	832142	58.679 ng/ul	100
90)	Benzo(b)fluoranthene	24.399	252	788113	55.759 ng/ul	99
91)	Benzo(k)fluoranthene	24.475	252	755207	51.533 ng/ul	99
93)	Benzo(a)pyrene	25.374	252	712382	52.443 ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.646	276	723431	46.827 ng/ul	92
95)	Dibenzo(a,h)anthracene	29.734	278	481474	38.781 ng/ul	98
96)	Benzo(g,h,i)perylene	30.968	276	625484	50.260 ng/ul	98

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

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