Quantitation Report (Qedit)

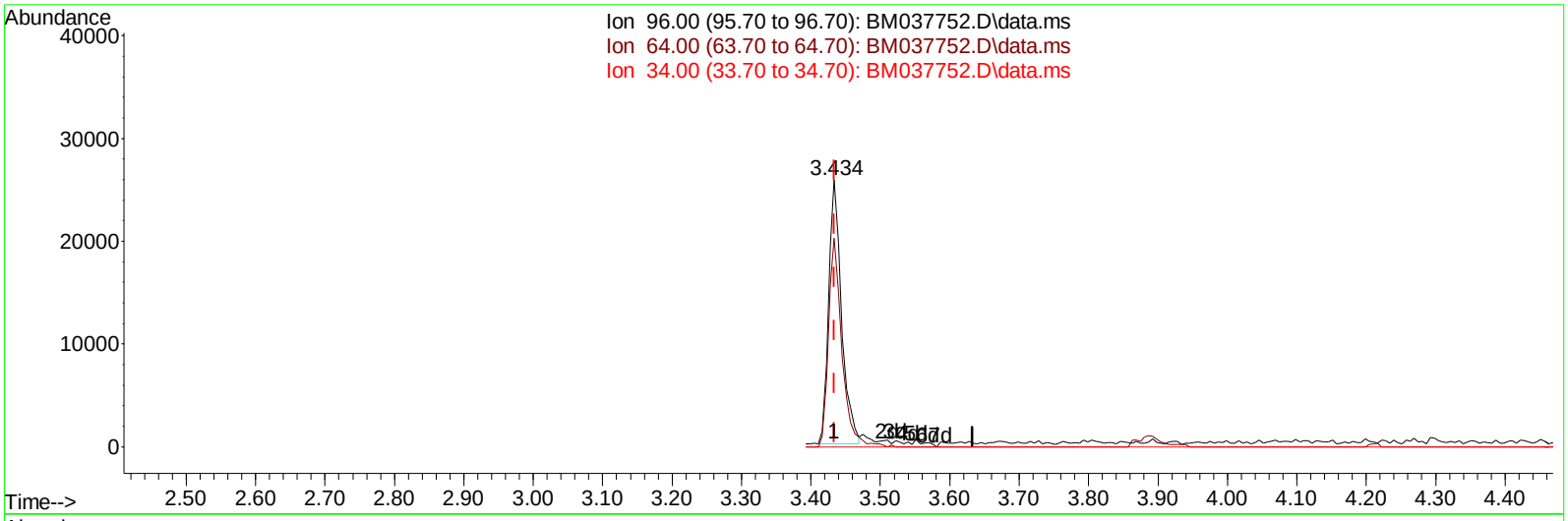
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
Data File : BM037752.D
Acq On : 28 Nov 2022 10:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

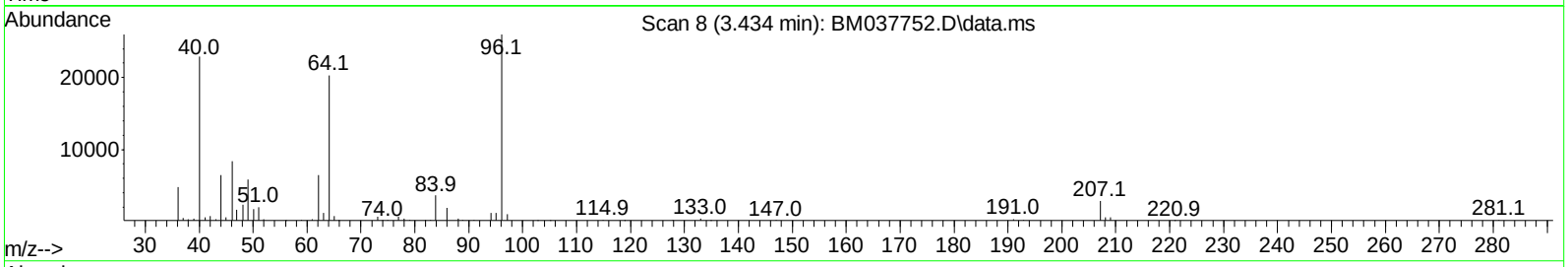
Quant Time: Nov 28 22:26:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 28 22:24:47 2022
Response via : Initial Calibration

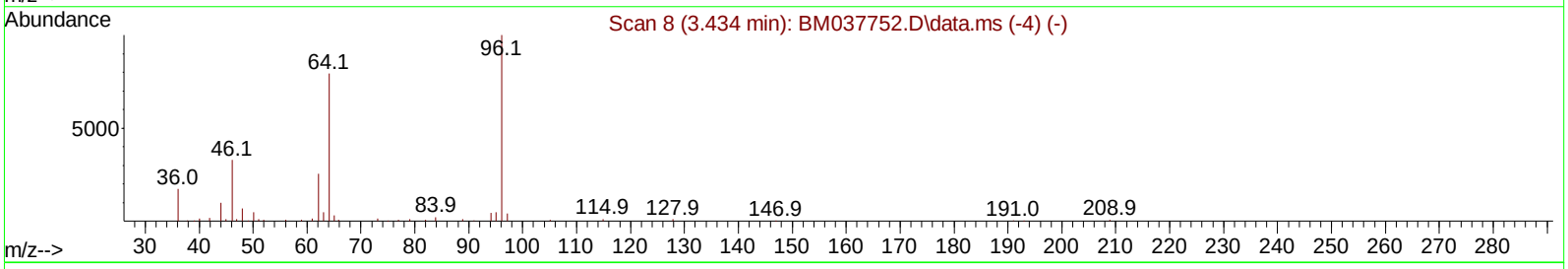
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BM037752.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.434min (0.000) 8.25 ng/uL

response 33362

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.30	78.26
34.00	0.00	0.00
0.00	0.00	0.00

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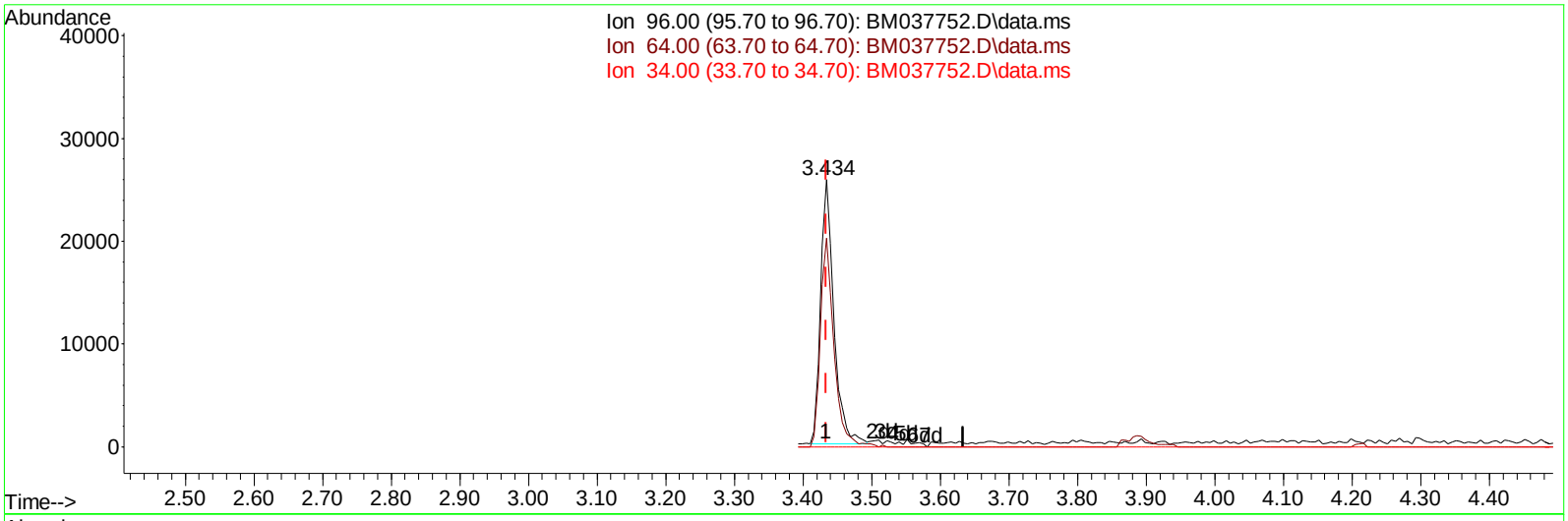

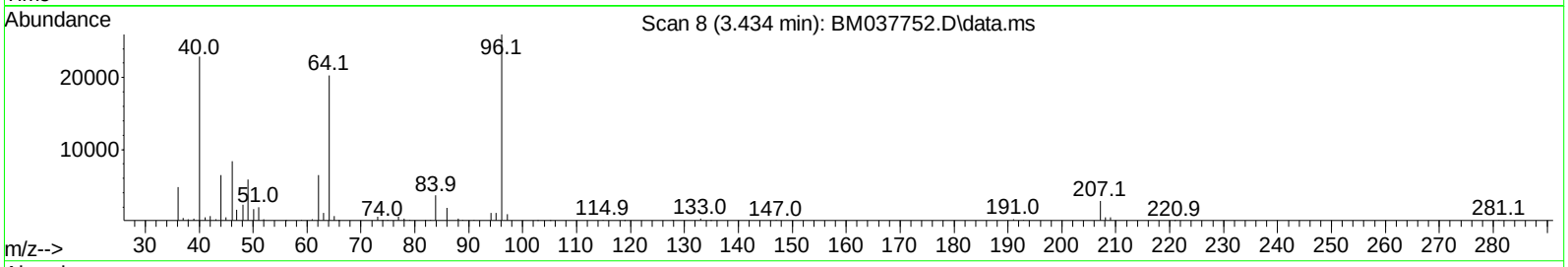

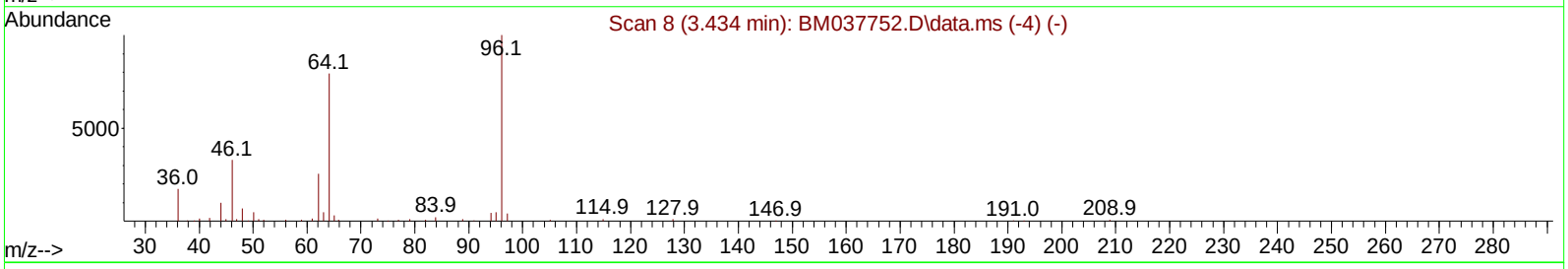

TIC: BM037752.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.434min (0.000) 8.50 ng/uL m

response 34373

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.30	78.26
34.00	0.00	0.00
0.00	0.00	0.00

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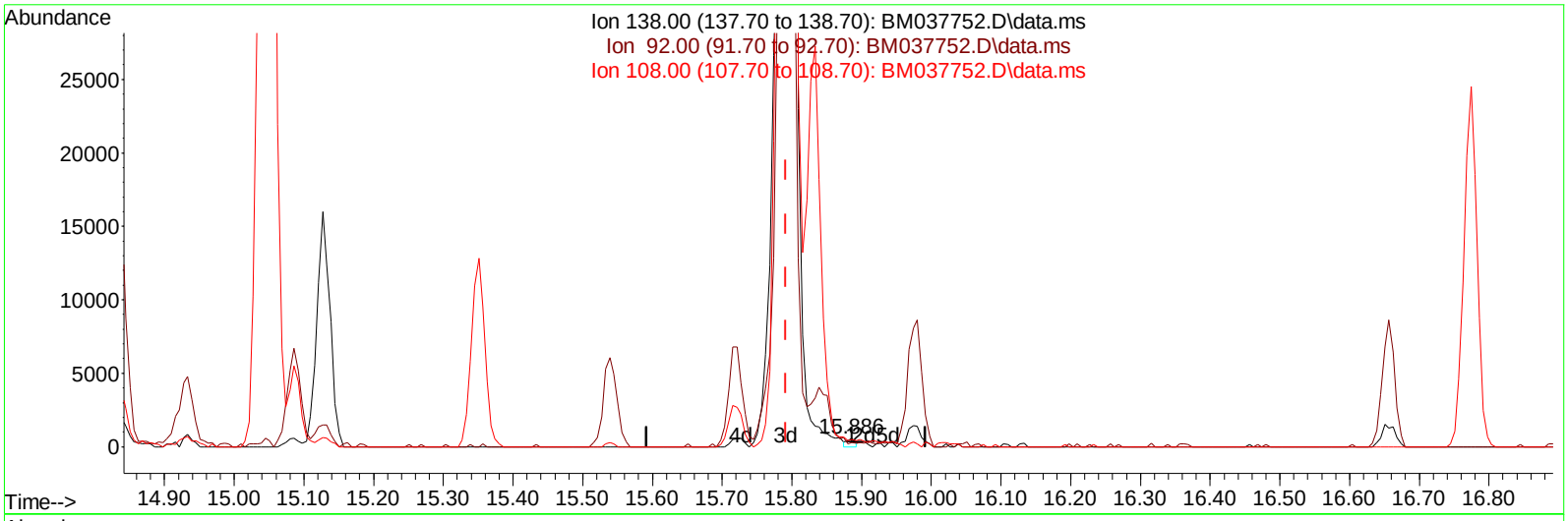

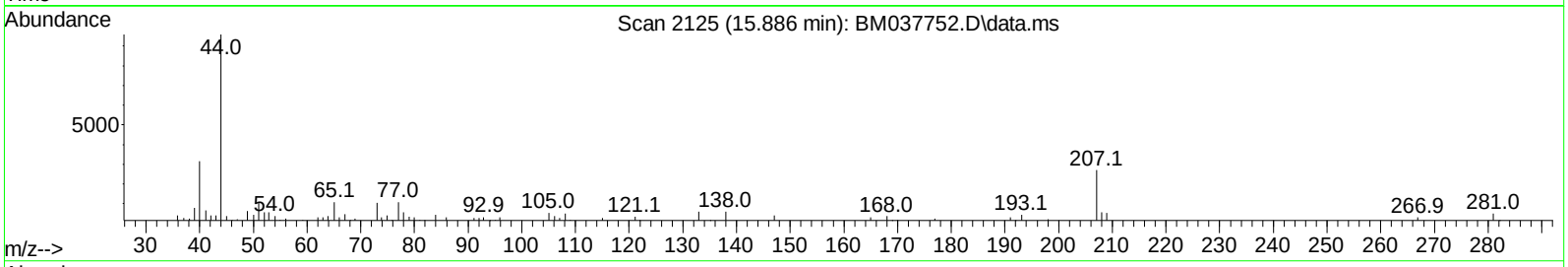

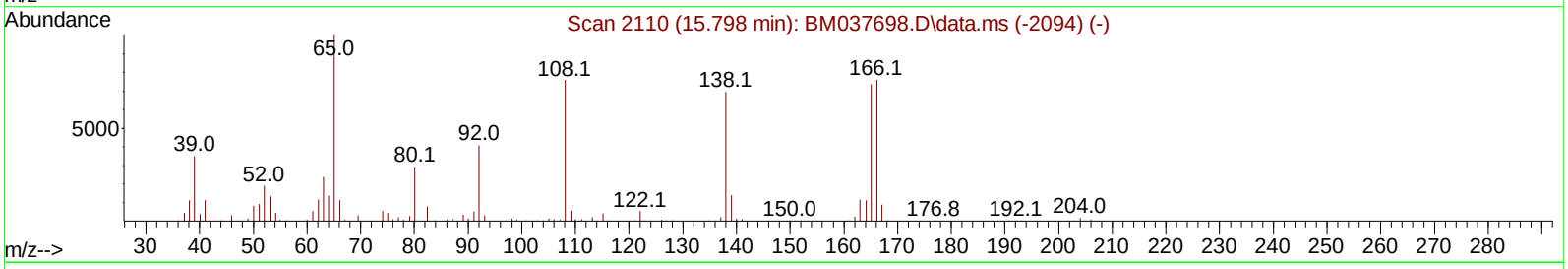

TIC: BM037752.D\data.ms

(63) 4-Nitroaniline

15.886min (+ 0.094) 0.05 ng/ul

response 427

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	45.67
108.00	85.10	84.00
0.00	0.00	0.00

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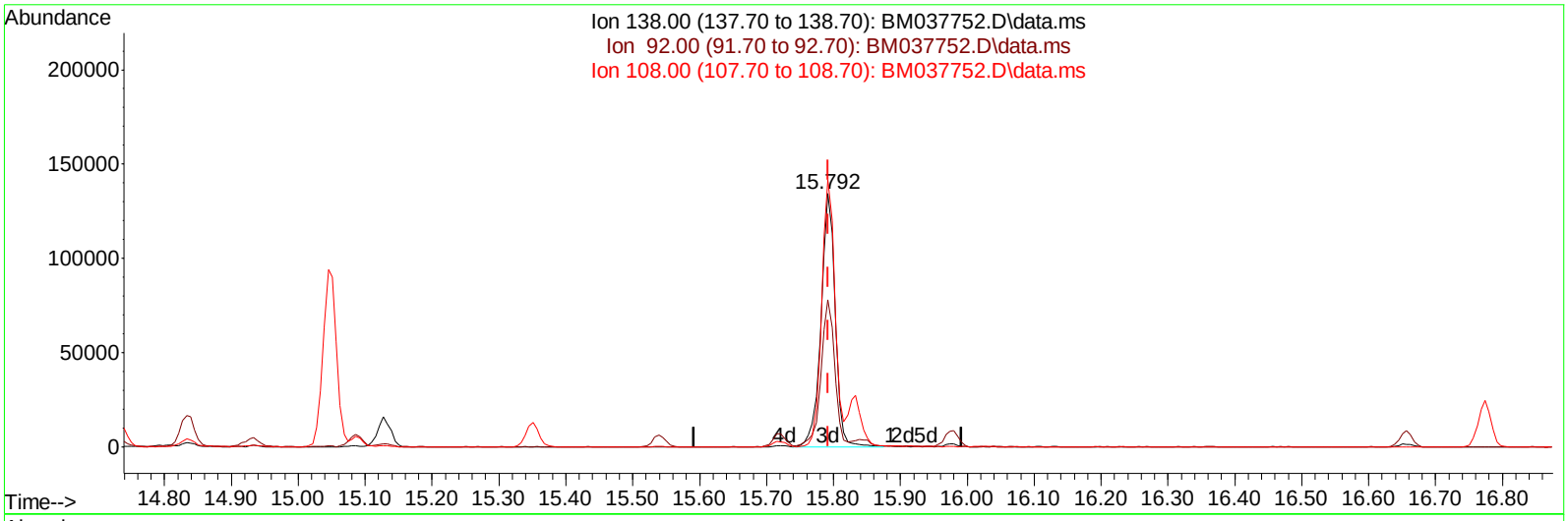

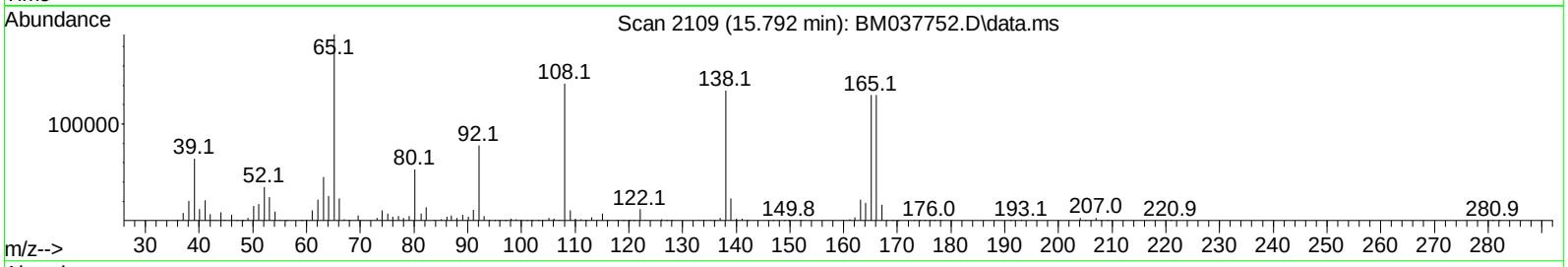

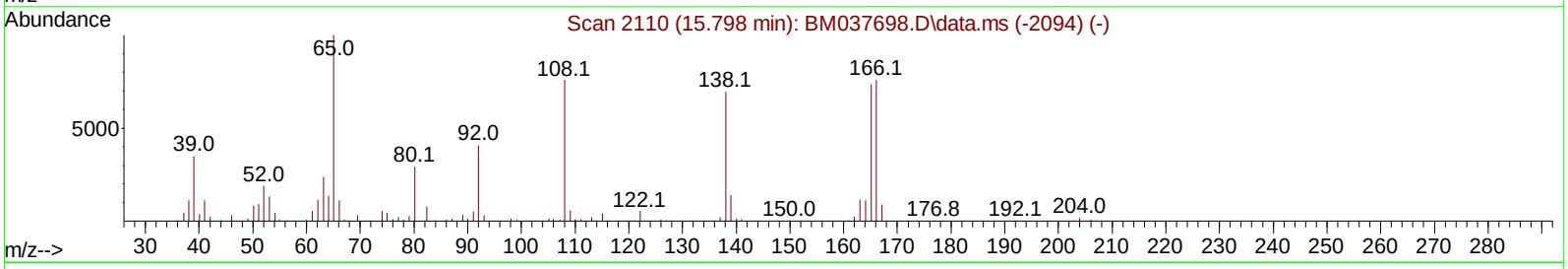

TIC: BM037752.D\data.ms

(63) 4-Nitroaniline

15.792min (0.000) 22.06 ng/ul m

response 197806

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	58.20
108.00	85.10	105.48#
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	8.110	152	167726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.933	136	816946	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	534681	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1143458	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1100396	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	950886	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	34373m	8.499	ng/uL	0.00
4) Pyridine-d5	3.869	84	291310	22.129	ng/ul	0.00
7) Phenol-d5	7.257	99	343122	20.505	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	231216	20.714	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	250803	21.570	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	272873	20.493	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	140689	21.967	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	138651	21.971	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	248382	21.508	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	406541	21.214	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	804932	21.254	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	972962	21.765	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	164377	19.704	ng/ul	0.00
60) Fluorene-d10	15.721	176	731444	22.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	114707	18.648	ng/ul	0.00
73) Anthracene-d10	17.568	188	1166089	21.807	ng/ul	0.00
81) Pyrene-d10	19.850	212	1296043	23.177	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1060727	21.672	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	38622	8.686	ng/uL	95
5) Pyridine	3.893	79	293358	21.915	ng/ul	92
6) Benzaldehyde	7.239	77	198108	22.557	ng/ul	98
8) Phenol	7.287	94	362312	20.656	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.522	93	289974	20.392	ng/ul	99
12) 2-Chlorophenol	7.663	128	276631	21.779	ng/ul	97
13) 2-Methylphenol	8.551	108	274128	20.487	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.645	45	517614	20.153	ng/ul	99
16) Acetophenone	8.939	105	467833	21.343	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.922	70	268763	20.920	ng/ul	93
18) 4-Methylphenol	8.881	108	310424	20.998	ng/ul	94
19) Hexachloroethane	9.198	117	128600	23.409	ng/ul	95
22) Nitrobenzene	9.322	77	400906	22.958	ng/ul	99
23) Isophorone	9.851	82	735179	20.888	ng/ul	98
25) 2-Nitrophenol	10.039	139	158826	22.252	ng/ul	93
26) 2,4-Dimethylphenol	10.092	107	358609	22.878	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.333	93	415394	20.574	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	256885	21.743	ng/ul	97
30) Naphthalene	10.980	128	982647	21.998	ng/ul	100
32) 4-Chloroaniline	11.086	127	425467	21.305	ng/ul	98
33) Hexachlorobutadiene	11.263	225	148382	23.924	ng/ul	98
34) Caprolactam	11.869	113	93663	19.035	ng/ul	96
35) 4-Chloro-3-methylphenol	12.198	107	334782	22.167	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.574	142	675238	21.761	ng/ul	99
37) 1-Methylnaphthalene	12.792	142	678226	21.726	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.939	216	277259	21.118	ng/ul#	92
40) Hexachlorocyclopentadiene	12.921	237	167974	20.546	ng/ul	99
41) 2,4,6-Trichlorophenol	13.174	196	198692	21.017	ng/ul	98
42) 2,4,5-Trichlorophenol	13.245	196	213181	21.075	ng/ul	98
43) 1,1'-Biphenyl	13.574	154	878188	21.629	ng/ul	98
44) 2-Chloronaphthalene	13.616	162	680300	21.557	ng/ul	96
45) 2-Nitroaniline	13.816	65	276874	23.141	ng/ul	97
47) Dimethylphthalate	14.186	163	858513	21.326	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	169964	21.864	ng/ul	89
50) Acenaphthylene	14.457	152	1119036	22.146	ng/ul	99
51) 3-Nitroaniline	14.633	138	194212	20.589	ng/ul	97
52) Acenaphthene	14.798	153	810198	22.420	ng/ul	98
53) 2,4-Dinitrophenol	14.833	184	73468	16.108	ng/ul	92
55) 4-Nitrophenol	14.933	109	181227	24.242	ng/ul#	82
56) Dibenzofuran	15.127	168	1040655	22.064	ng/ul	92
57) 2,4-Dinitrotoluene	15.086	165	257426	22.568	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.351	232	186007	22.412	ng/ul	96
59) Diethylphthalate	15.539	149	977864	22.506	ng/ul	97
61) Fluorene	15.774	166	908392	22.233	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.762	204	400118	22.449	ng/ul	92
63) 4-Nitroaniline	15.792	138	197806m	22.064	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.845	198	124993	19.146	ng/ul#	89
67) N-Nitrosodiphenylamine	15.980	169	772106	21.732	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	222989	24.245	ng/ul	95
69) Hexachlorobenzene	16.774	284	252062	21.339	ng/ul	92
70) Atrazine	16.921	200	247510	20.524	ng/ul	99
71) Pentachlorophenol	17.115	266	152177	19.457	ng/ul	96
72) Phenanthrene	17.515	178	1471080	21.962	ng/ul	100
74) Anthracene	17.604	178	1509630	22.199	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.539	216	281505	20.579	ng/uL	99
76) Pentachlorobenzene	15.051	250	307740	21.152	ng/uL	98
77) Carbazole	17.874	167	1401636	21.680	ng/ul	98
78) Di-n-butylphthalate	18.421	149	1826043	19.512	ng/ul	99
80) Fluoranthene	19.515	202	1645256	23.032	ng/ul	98
82) Pyrene	19.880	202	1750822	23.205	ng/ul	97
83) Butylbenzylphthalate	20.762	149	838548	23.858	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.544	252	446624	20.209	ng/ul	98
85) Benzo(a)anthracene	21.621	228	1592622	21.634	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1228929	23.142	ng/ul	99
87) Chrysene	21.674	228	1488809	21.491	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	2058161	25.338	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1423019	22.014	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	1414229	22.434	ng/ul	98
93) Benzo(a)pyrene	24.015	252	1210138	21.539	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.732	276	1206626	18.720	ng/ul	97
95) Dibenzo(a,h)anthracene	26.750	278	1071750	18.520	ng/ul	98
96) Benzo(g,h,i)perylene	27.538	276	1045560	18.628	ng/ul	96

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

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