Quantitation Report (Qedit)

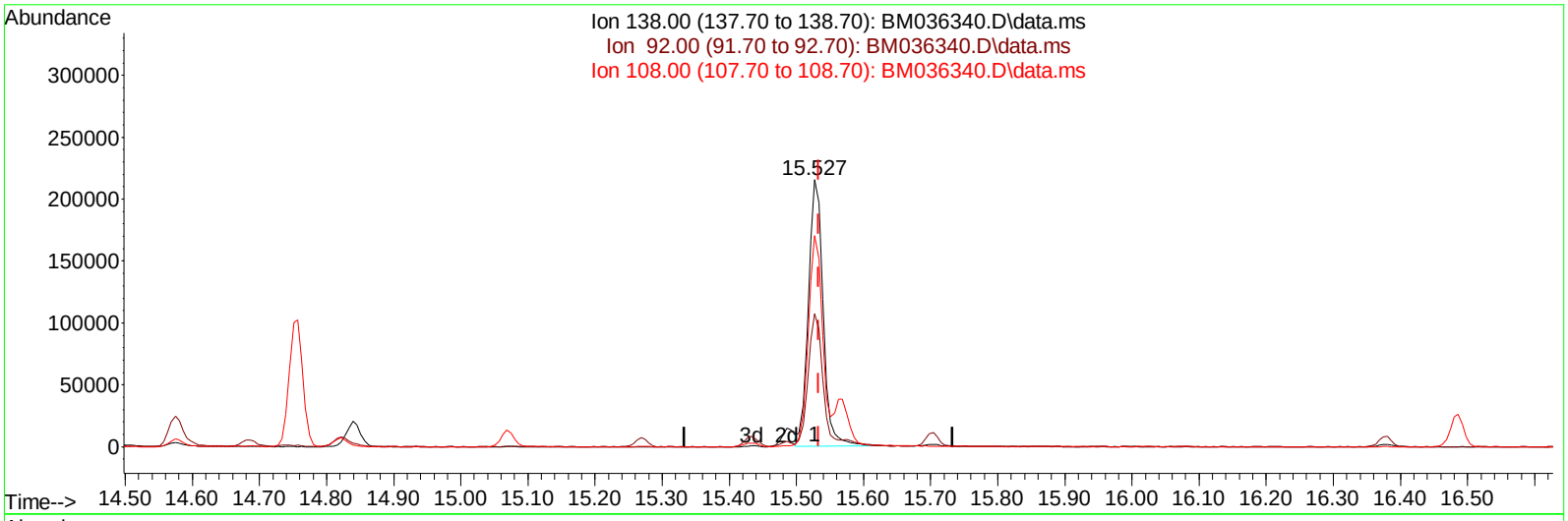
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
Data File : BM036340.D
Acq On : 18 Aug 2022 05:59
Operator : CG/JU
Sample : PB147055BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

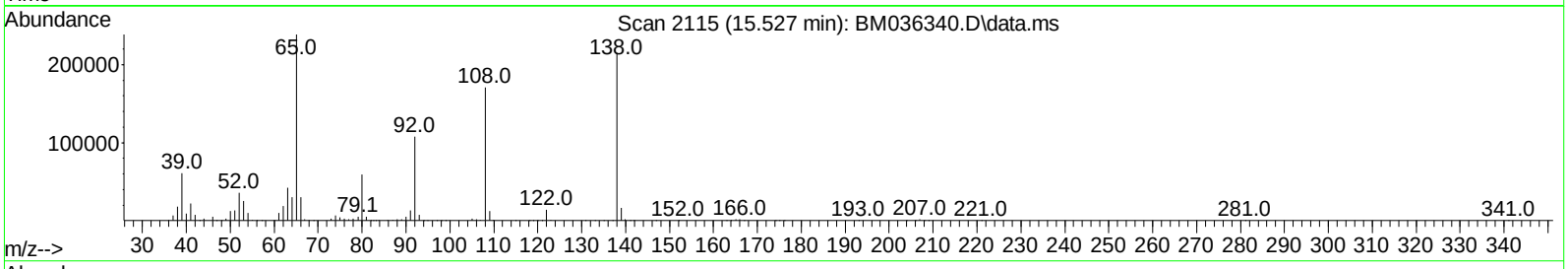
Quant Time: Aug 18 06:31:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

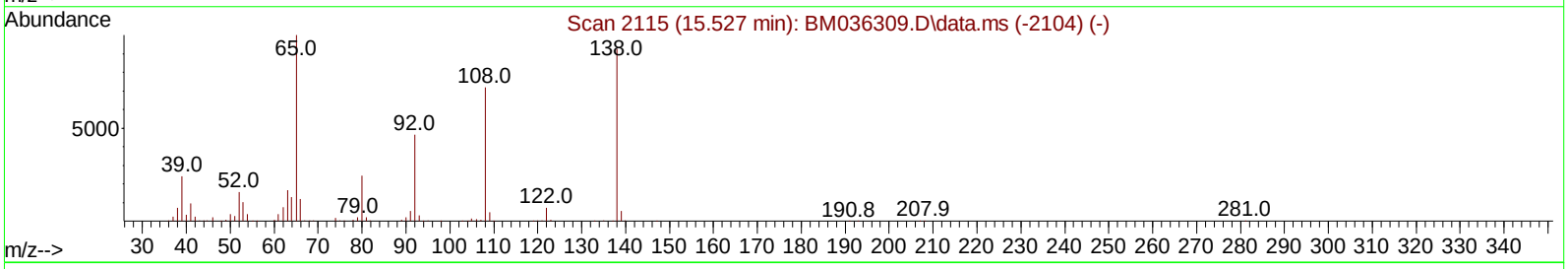
Instrument :
BNA_M
ClientSampleId :
SLCS055

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022







TIC: BM036340.D\data.ms

(63) 4-Nitroaniline

15.527min (-0.006) 43.06 ng/ul

response 331375

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	49.83
108.00	64.50	79.13#
0.00	0.00	0.00

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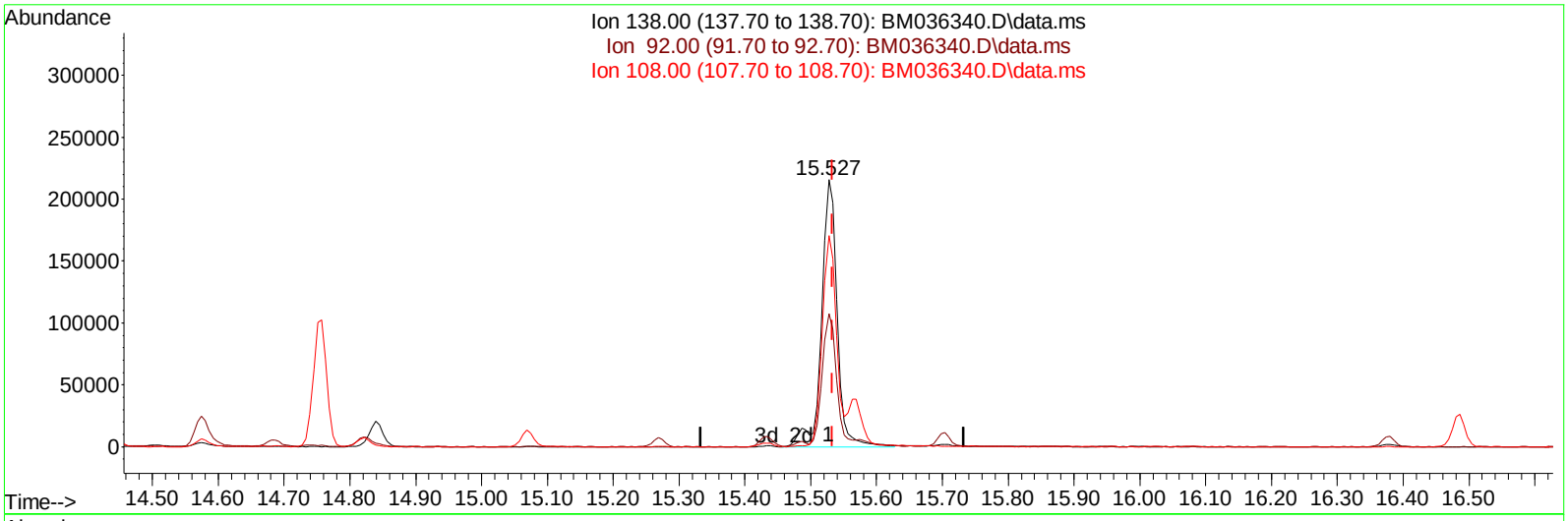

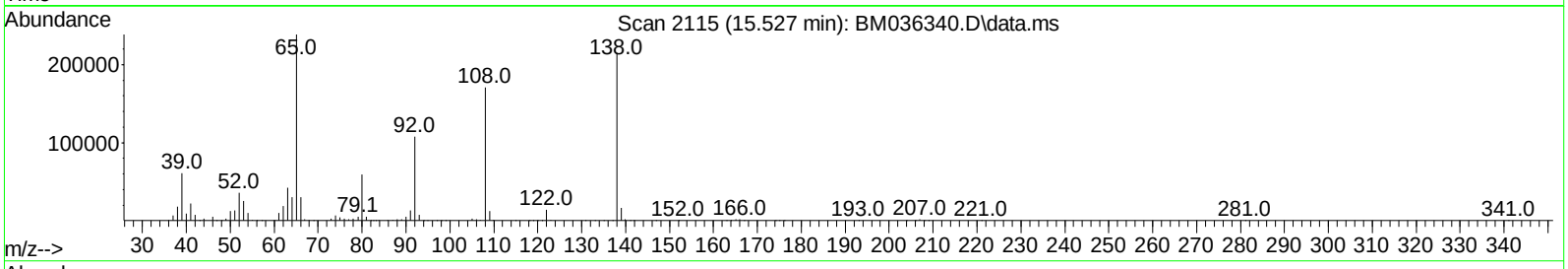

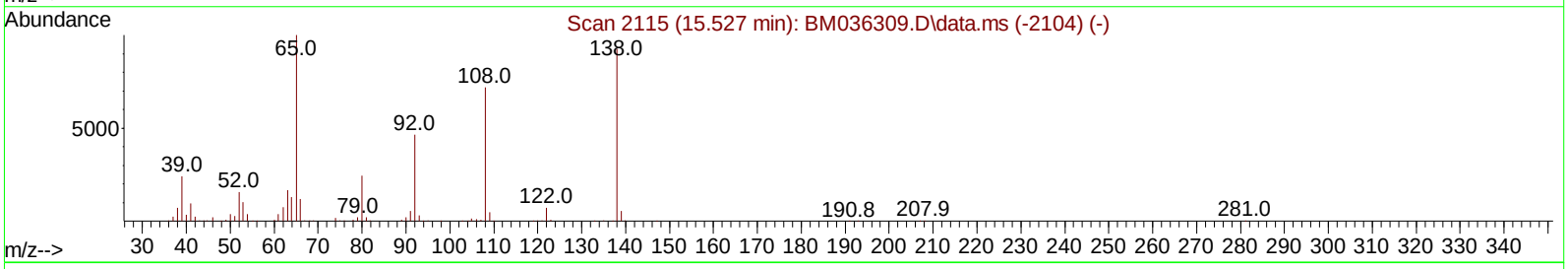

TIC: BM036340.D\data.ms

(63) 4-Nitroaniline

15.527min (-0.006) 45.95 ng/ul m

response 353584

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	49.83
108.00	64.50	79.13#
0.00	0.00	0.00

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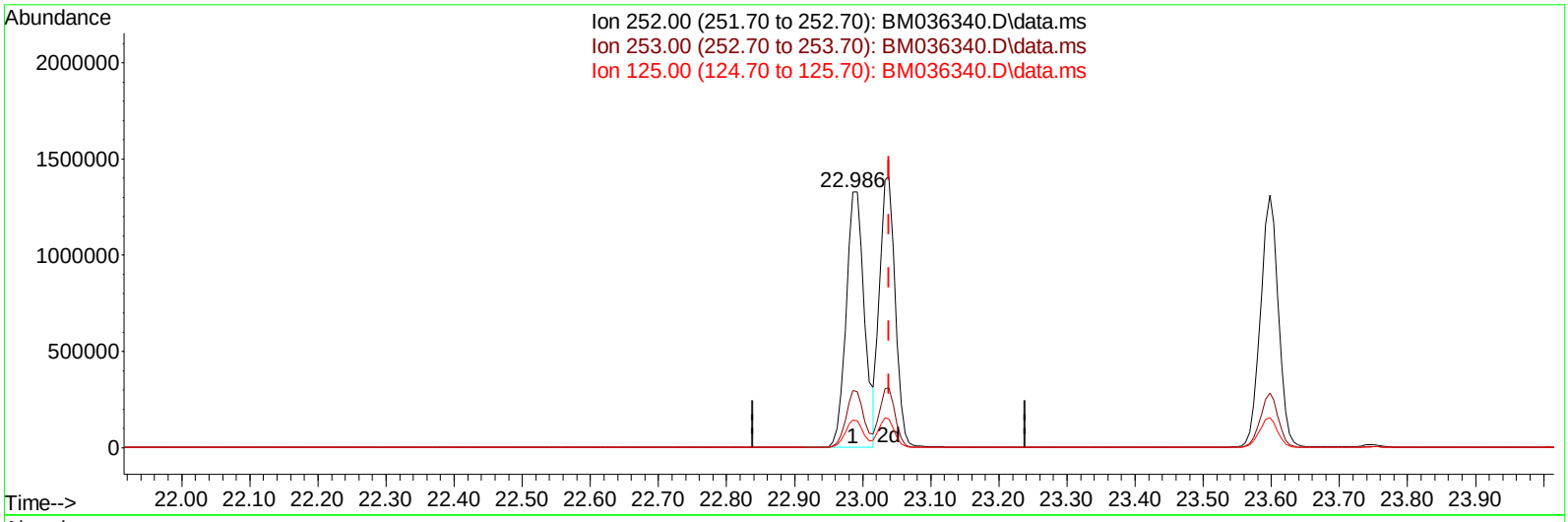

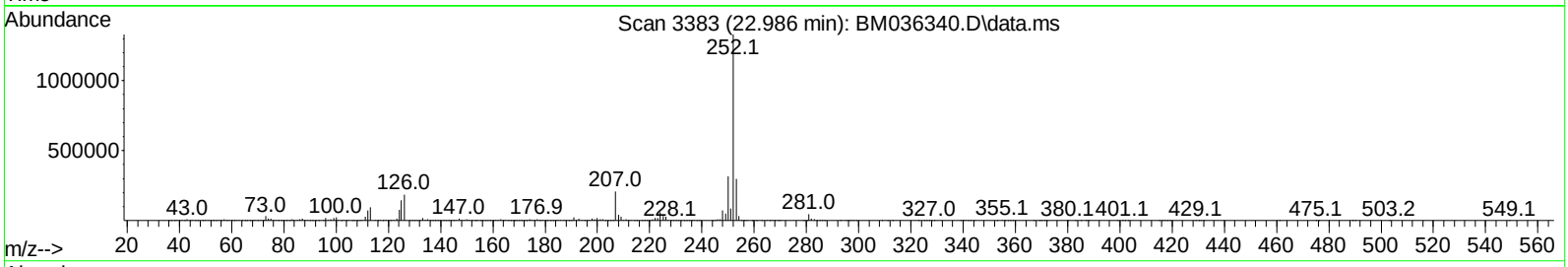

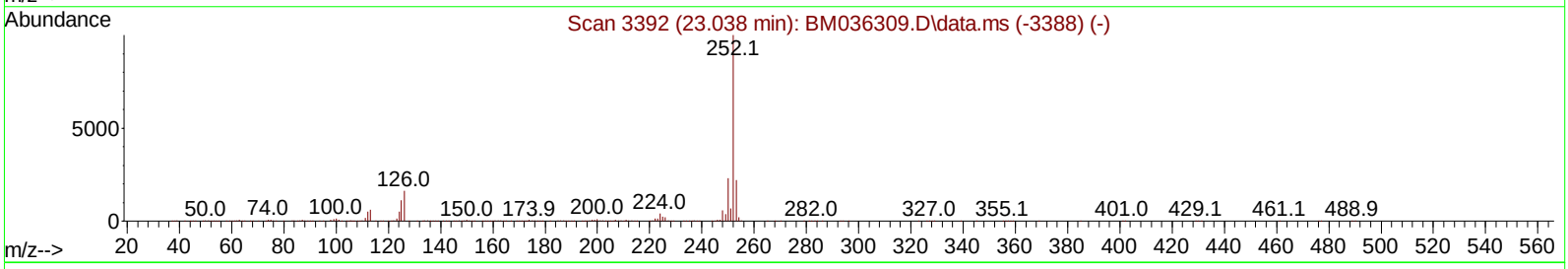

TIC: BM036340.D\data.ms

(91) Benzo(k)fluoranthene

22.986min (-0.053) 39.04 ng/ul

response 2491282

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.35
125.00	13.20	10.75
0.00	0.00	0.00

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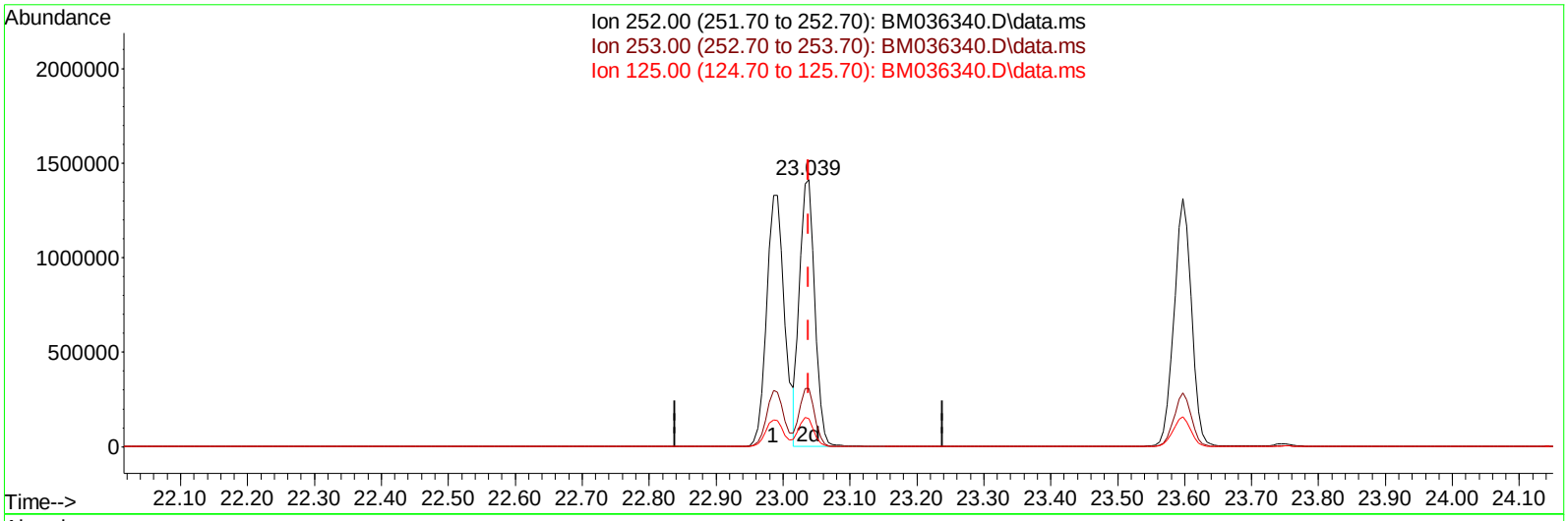

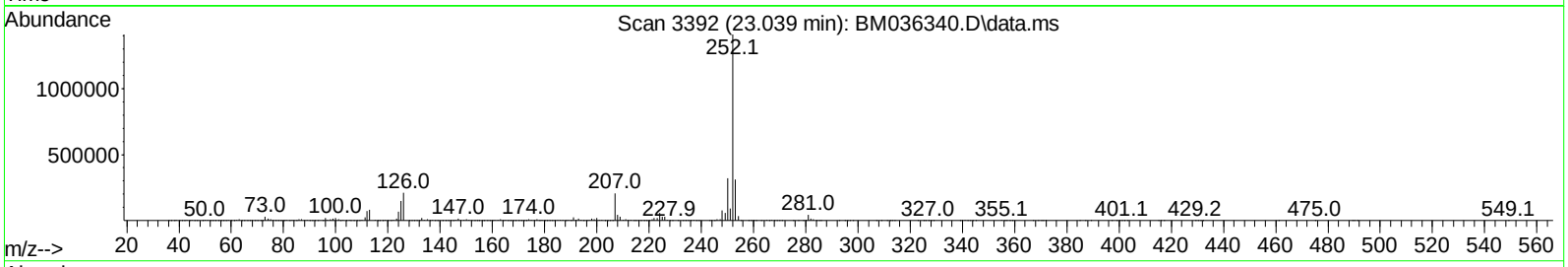

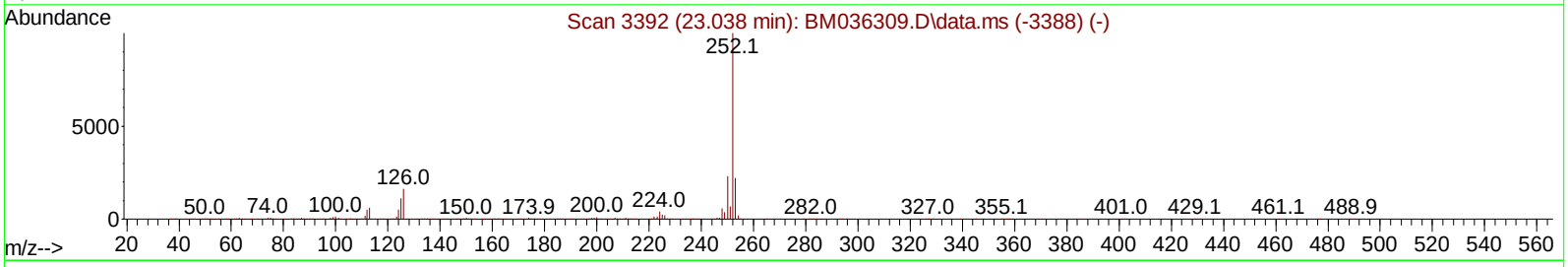

TIC: BM036340.D\data.ms

(91) Benzo(k)fluoranthene

23.039min (+ 0.000) 35.03 ng/ul m

response 2235364

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.91
125.00	13.20	10.55#
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	7.798	152	259225	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	1115399	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	613886	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1158364	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1059231	20.000	ng/ul	0.00
88) Perylene-d12	23.697	264	1100039	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	42945	6.314	ng/uL	0.00
4) Pyridine-d5	3.628	84	559172	29.811	ng/ul	-0.01
7) Phenol-d5	6.981	99	772333	34.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	482015	34.608	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	638479	36.725	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	582069	35.231	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	310322	36.695	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	325352	37.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	558625	36.446	ng/ul	0.00
31) 4-Chloroaniline-d4	10.745	131	767679	32.308	ng/ul	-0.01
46) Dimethylphthalate-d6	13.863	166	1406428	36.213	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1789997	36.953	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	271991	36.961	ng/ul	-0.01
60) Fluorene-d10	15.433	176	1249804	35.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	207632	34.865	ng/ul	0.00
73) Anthracene-d10	17.286	188	1851125	35.940	ng/ul	0.00
81) Pyrene-d10	19.580	212	2008475	36.553	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	1978093	36.676	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	88473	12.349	ng/uL	98
5) Pyridine	3.652	79	556997	28.746	ng/ul	89
6) Benzaldehyde	6.940	77	340578	37.471	ng/ul	95
8) Phenol	7.004	94	786862	34.203	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.228	93	623899	33.907	ng/ul	98
12) 2-Chlorophenol	7.363	128	643214	35.381	ng/ul	99
13) 2-Methylphenol	8.251	108	588257	34.689	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.334	45	838484	34.060	ng/ul	98
16) Acetophenone	8.628	105	918130	34.552	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.616	70	463082	35.014	ng/ul	95
18) 4-Methylphenol	8.587	108	626261	34.500	ng/ul	98
19) Hexachloroethane	8.869	117	267529	35.174	ng/ul	91
22) Nitrobenzene	9.010	77	693577	34.614	ng/ul	99
23) Isophorone	9.540	82	1242459	34.917	ng/ul	99
25) 2-Nitrophenol	9.716	139	346666	36.274	ng/ul	99
26) 2,4-Dimethylphenol	9.787	107	657047	34.378	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	785153	33.893	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	556855	35.510	ng/ul	98
30) Naphthalene	10.645	128	1971461	33.676	ng/ul	99
32) 4-Chloroaniline	10.769	127	592170	24.502	ng/ul	97
33) Hexachlorobutadiene	10.922	225	344763	34.995	ng/ul	99
34) Caprolactam	11.563	113	158152	33.660	ng/ul	93
35) 4-Chloro-3-methylphenol	11.904	107	560773	35.368	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	1253373	34.124	ng/ul	99
37) 1-Methylnaphthalene	12.481	142	1252644	33.863	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	605527	35.687	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	263333	26.160	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	386336	36.184	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	422236	37.283	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	1606442	34.794	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1246398	35.180	ng/ul	99
45) 2-Nitroaniline	13.539	65	359576	37.480	ng/ul	98
47) Dimethylphthalate	13.910	163	1418327	35.479	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	292945	38.838	ng/ul	89
50) Acenaphthylene	14.163	152	2008794	35.166	ng/ul	100
51) 3-Nitroaniline	14.363	138	328233	39.792	ng/ul	99
52) Acenaphthene	14.504	153	1276170	34.276	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	144152	35.068	ng/ul	97
55) 4-Nitrophenol	14.686	109	210410	36.188	ng/ul	82
56) Dibenzofuran	14.839	168	1776805	34.394	ng/ul	97
57) 2,4-Dinitrotoluene	14.822	165	409318	38.264	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	307385	35.747	ng/ul#	92
59) Diethylphthalate	15.269	149	1415670	35.924	ng/ul	99
61) Fluorene	15.492	166	1415885	34.554	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	669113	34.957	ng/ul	98
63) 4-Nitroaniline	15.527	138	353584m	45.951	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	209678	34.824	ng/ul#	94
67) N-Nitrosodiphenylamine	15.704	169	1170417	35.342	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	385276	35.920	ng/ul	99
69) Hexachlorobenzene	16.486	284	462935	35.615	ng/ul	97
70) Atrazine	16.657	200	149021	13.170	ng/ul	99
71) Pentachlorophenol	16.839	266	252299	35.208	ng/ul	99
72) Phenanthrene	17.227	178	2110256	34.653	ng/ul	99
74) Anthracene	17.321	178	2136586	34.997	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.239	216	594562	34.208	ng/uL	97
76) Pentachlorobenzene	14.757	250	551424	33.978	ng/uL	100
77) Carbazole	17.598	167	1977403	34.593	ng/ul	99
78) Di-n-butylphthalate	18.157	149	2325824	37.201	ng/ul	99
80) Fluoranthene	19.245	202	2385832	35.928	ng/ul	98
82) Pyrene	19.609	202	2461916	35.527	ng/ul	95
83) Butylbenzylphthalate	20.509	149	1017845	39.262	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.292	252	773054	35.442	ng/ul	99
85) Benzo(a)anthracene	21.356	228	2300405	36.140	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1433557	40.050	ng/ul	99
87) Chrysene	21.409	228	2250791	35.987	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	2409694	36.849	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	2491282	37.146	ng/ul	97
91) Benzo(k)fluoranthene	23.039	252	2235364m	35.033	ng/ul	
93) Benzo(a)pyrene	23.597	252	2391850	36.251	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.115	276	2800276	36.098	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.127	278	2400071	35.915	ng/ul	96
96) Benzo(g,h,i)perylene	26.862	276	2359428	35.566	ng/ul	96

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

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