

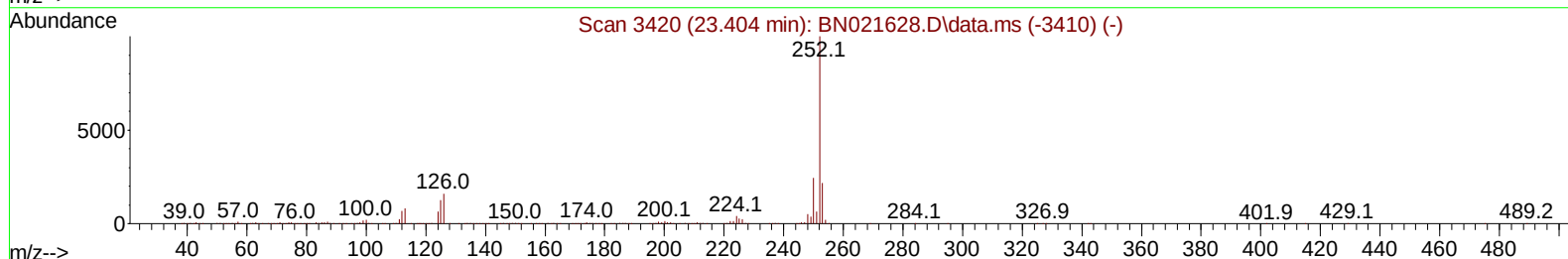
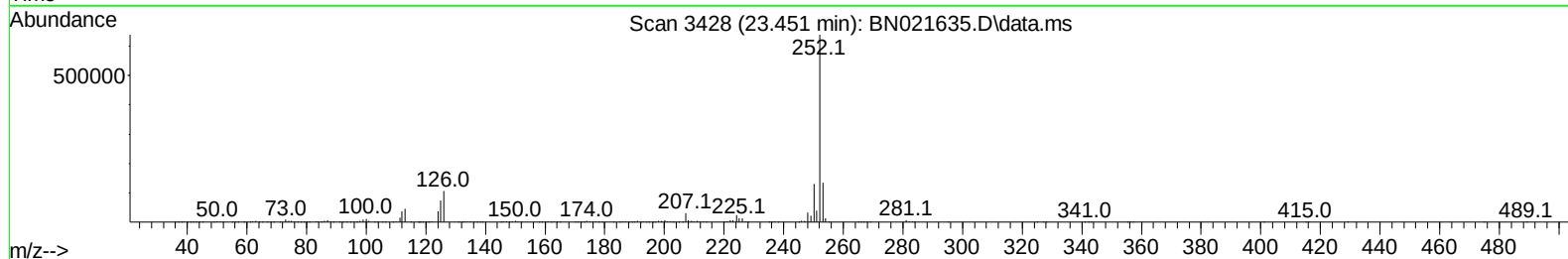
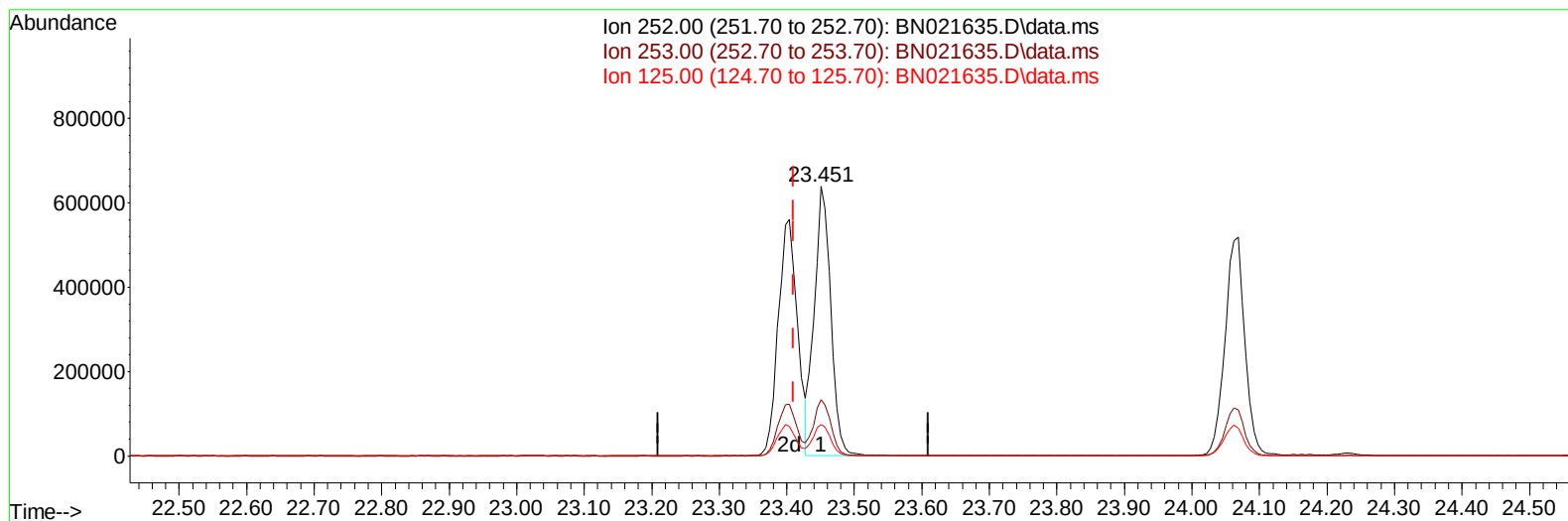
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090722\
 Data File : BN021635.D
 Acq On : 07 Sep 2022 21:00
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Sep 08 02:32:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 07 01:01:49 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/08/2022
 Supervised By :mohammad ahmed 09/08/2022



TIC: BN021635.D\data.ms

(90) Benzo(b)fluoranthene

23.451min (+ 0.041) 20.52 ng/ul

response 1083955

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	20.89
125.00	9.80	11.67
0.00	0.00	0.00

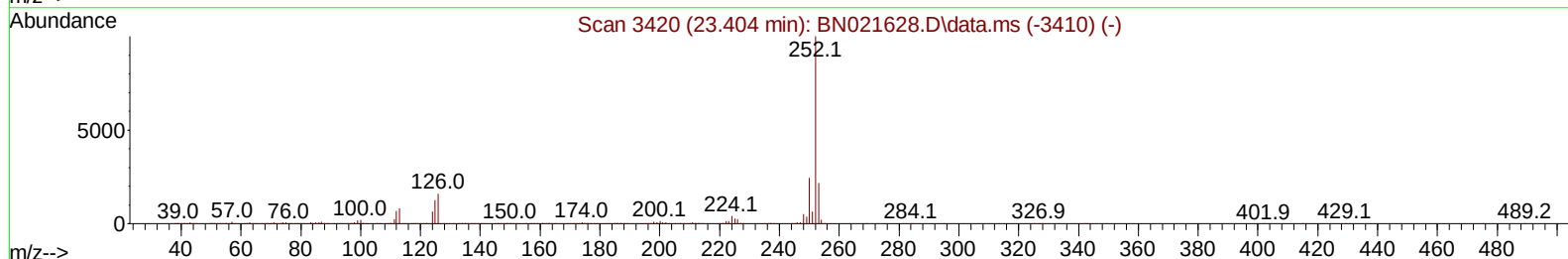
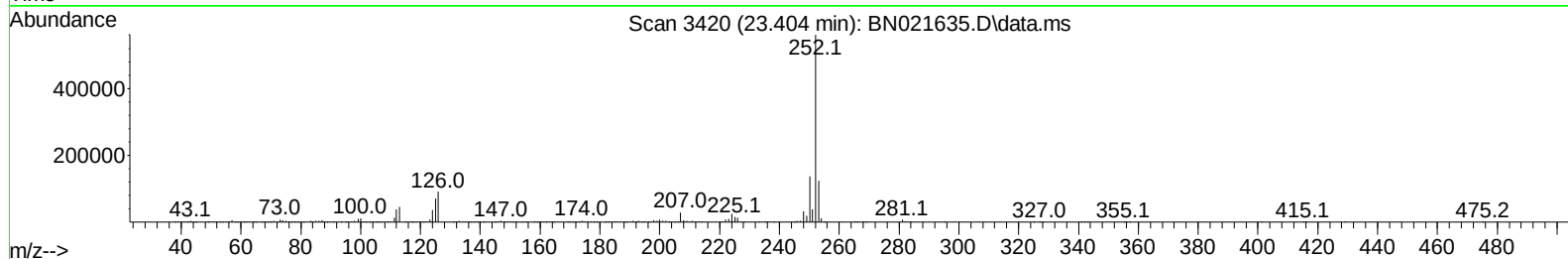
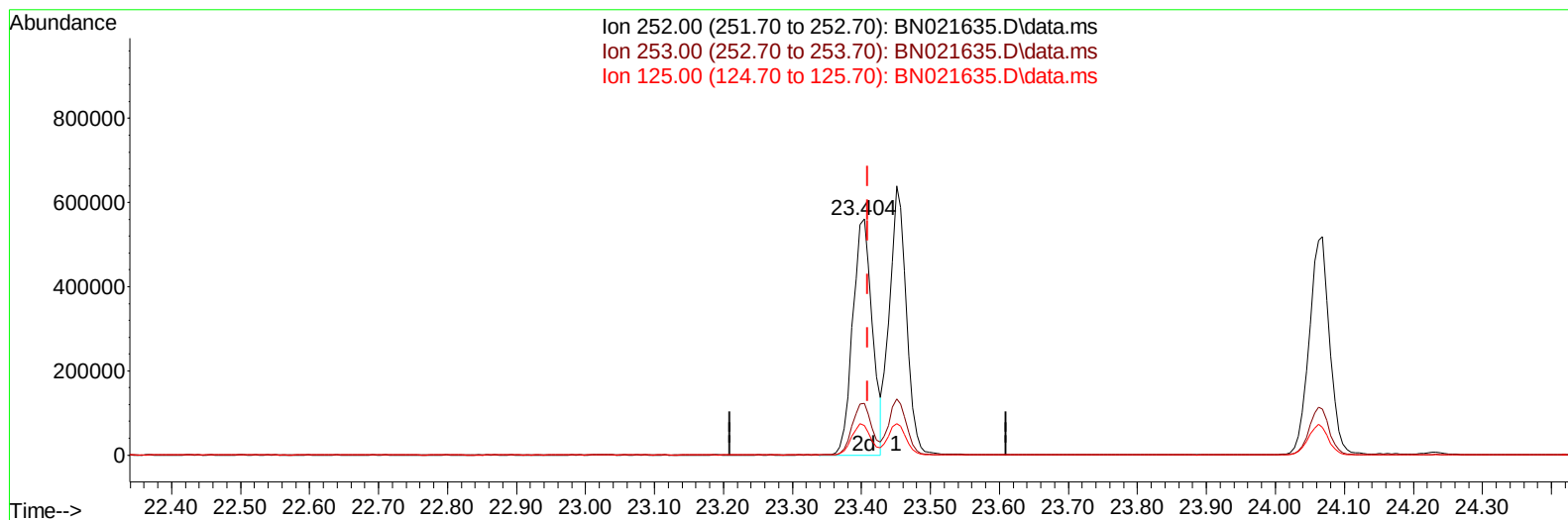
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TIC: BN021635.D\data.ms

(90) Benzo(b)fluoranthene

23.404min (-0.006) 21.02 ng/ul m

response 1110451

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.90
125.00	9.80	12.61#
0.00	0.00	0.00

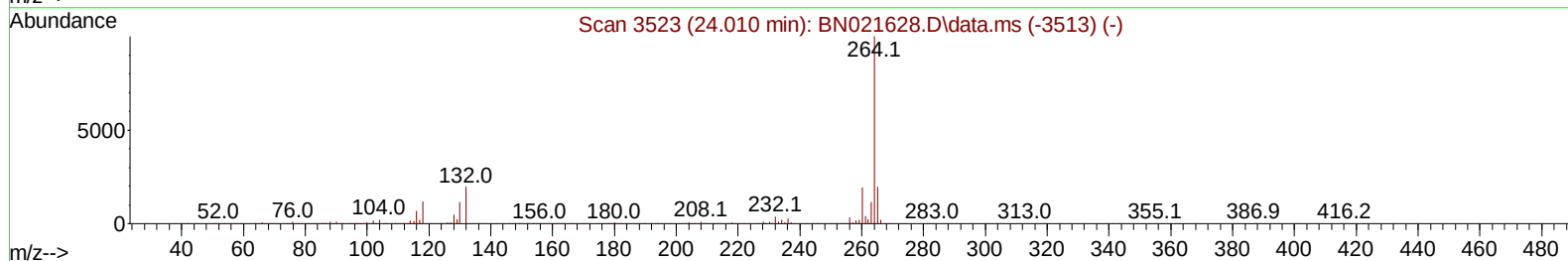
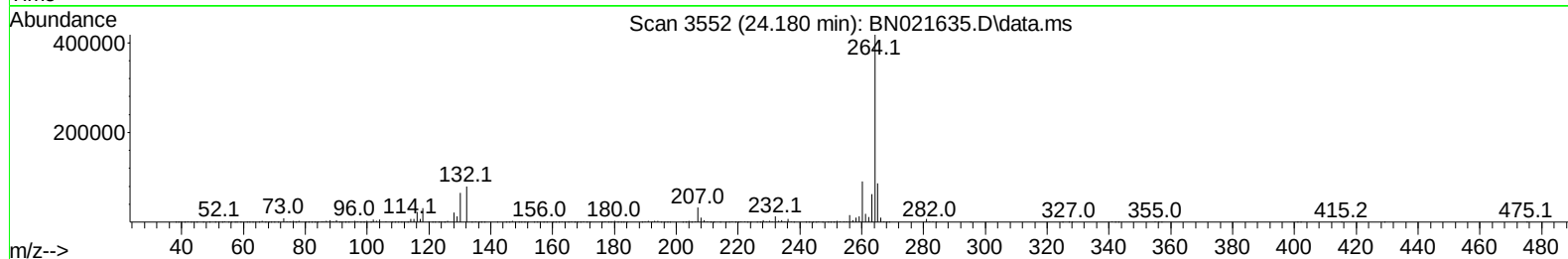
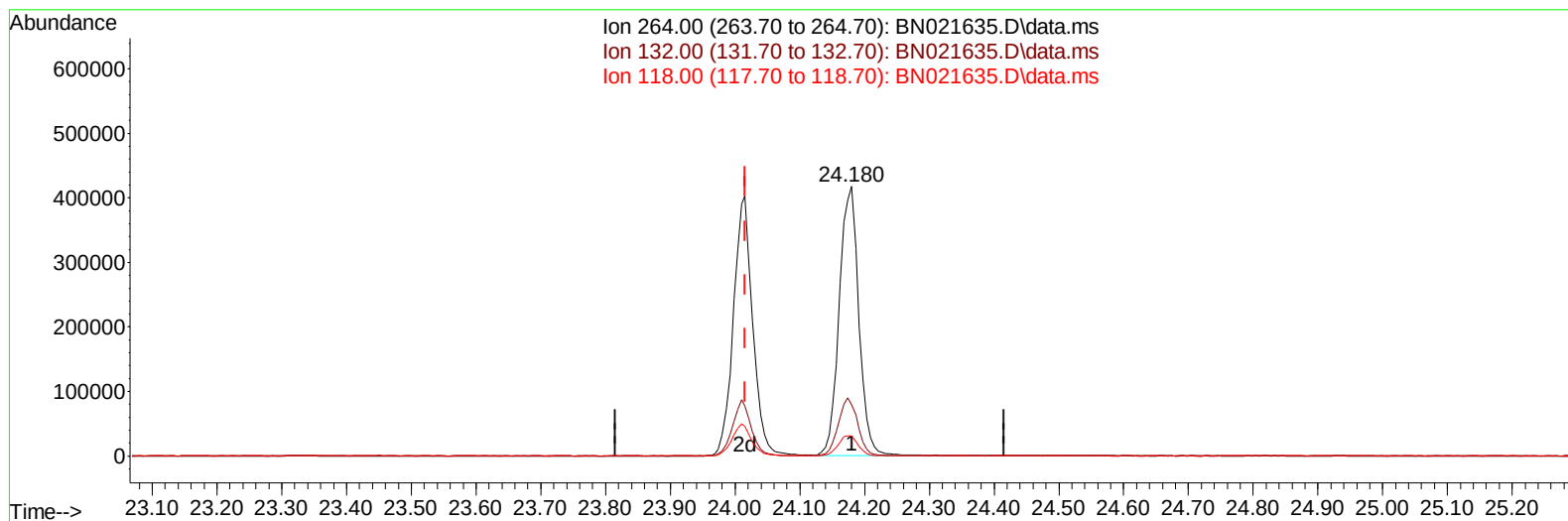
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TIC: BN021635.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.180min (+ 0.165) 21.17 ng/ul

response 871207

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	16.00	19.05
118.00	9.20	7.40
0.00	0.00	0.00

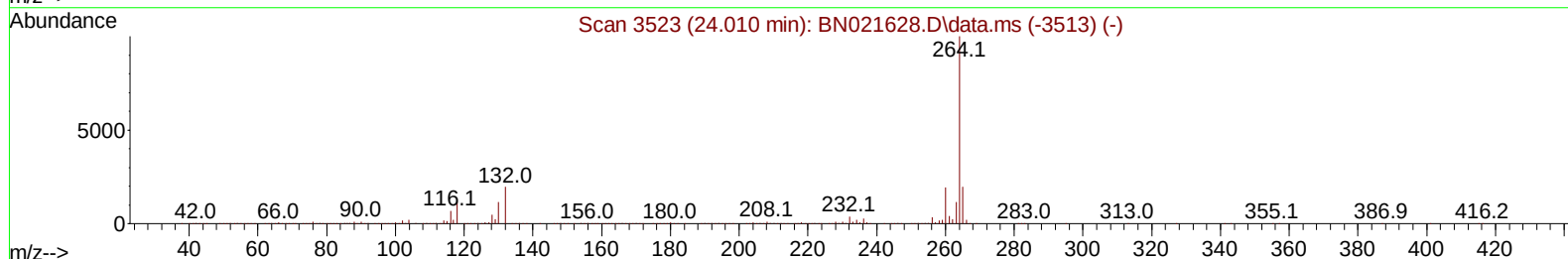
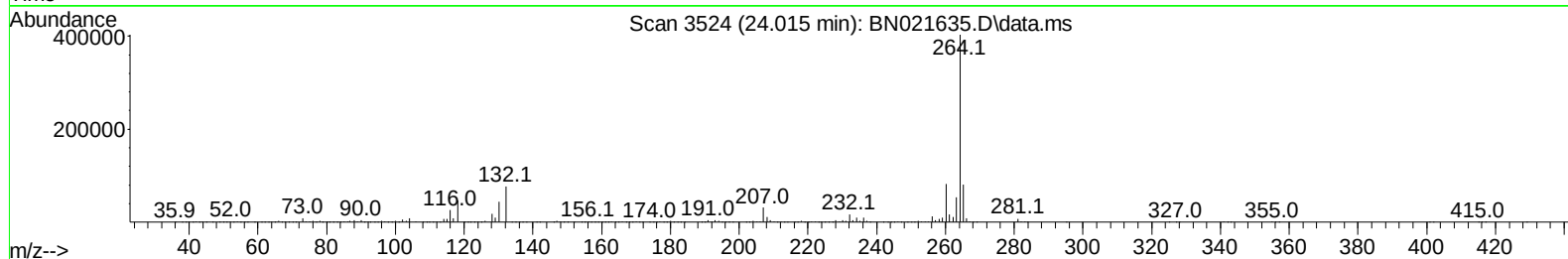
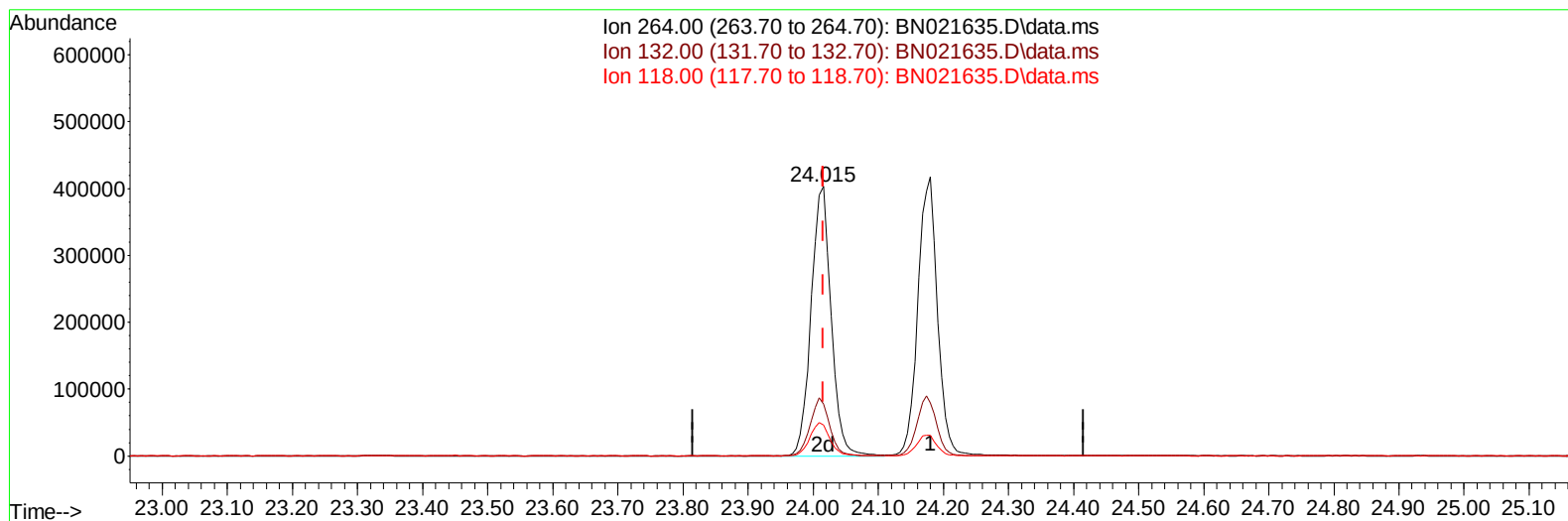
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TIC: BN021635.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.015min (-0.000) 20.53 ng/ul m

response 844938

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	16.00	19.18
118.00	9.20	11.41#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	178411	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	806416	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	511254	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1038947	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	925379	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	868403	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	33689	7.090	ng/uL	0.00
4) Pyridine-d5	3.793	84	251011	19.382	ng/ul	0.00
7) Phenol-d5	7.210	99	301335	18.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	190870	19.487	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	234001	19.877	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	243108	19.148	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	120522	21.936	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	124728	25.416	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	233940	21.525	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	353849	19.171	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	699448	20.016	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	813558	19.971	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	136403	19.616	ng/ul	0.00
60) Fluorene-d10	15.710	176	585303	19.250	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	101187	24.350	ng/ul	0.00
73) Anthracene-d10	17.569	188	894684	19.541	ng/ul	0.00
81) Pyrene-d10	19.863	212	993367	22.573	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	844938m	20.528	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	37398	7.642	ng/uL	96
5) Pyridine	3.817	79	251661	19.312	ng/ul	89
6) Benzaldehyde	7.193	77	164178	23.352	ng/ul	92
8) Phenol	7.240	94	309865	18.531	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.475	93	255860	19.191	ng/ul	95
12) 2-Chlorophenol	7.622	128	247463	19.593	ng/ul	96
13) 2-Methylphenol	8.510	108	239591	18.858	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.599	45	332587	19.777	ng/ul	97
16) Acetophenone	8.899	105	382950	19.071	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.881	70	198484	19.851	ng/ul	93
18) 4-Methylphenol	8.840	108	267474	19.165	ng/ul	97
19) Hexachloroethane	9.157	117	99967	19.858	ng/ul	92
22) Nitrobenzene	9.281	77	288017	21.273	ng/ul	99
23) Isophorone	9.810	82	565171	20.272	ng/ul	99
25) 2-Nitrophenol	9.999	139	140118	24.375	ng/ul	97
26) 2,4-Dimethylphenol	10.057	107	285920	20.086	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.299	93	361736	20.719	ng/ul	97
29) 2,4-Dichlorophenol	10.534	162	236440	20.763	ng/ul	100
30) Naphthalene	10.946	128	806071	19.197	ng/ul	99
32) 4-Chloroaniline	11.057	127	360480	18.846	ng/ul	100
33) Hexachlorobutadiene	11.228	225	130014	19.819	ng/ul	98
34) Caprolactam	11.816	113	82868	19.025	ng/ul	85
35) 4-Chloro-3-methylphenol	12.175	107	269645	21.011	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.551	142	562510	19.803	ng/ul	99
37) 1-Methylnaphthalene	12.769	142	573948	20.106	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.916	216	268523	20.483	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	165551	21.211	ng/ul	94
41) 2,4,6-Trichlorophenol	13.157	196	182940	22.490	ng/ul	93
42) 2,4,5-Trichlorophenol	13.228	196	195207	21.872	ng/ul	100
43) 1,1'-Biphenyl	13.557	154	747021	19.994	ng/ul	96
44) 2-Chloronaphthalene	13.598	162	555043	19.405	ng/ul	98
45) 2-Nitroaniline	13.804	65	167368	23.329	ng/ul	93
47) Dimethylphthalate	14.175	163	704258	19.703	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	139470	22.744	ng/ul	96
50) Acenaphthylene	14.445	152	937771	19.940	ng/ul	99
51) 3-Nitroaniline	14.628	138	156574	22.920	ng/ul	97
52) Acenaphthene	14.781	153	589738	19.407	ng/ul	97
53) 2,4-Dinitrophenol	14.828	184	72636	24.196	ng/ul	97
55) 4-Nitrophenol	14.928	109	104789	18.799	ng/ul	91
56) Dibenzofuran	15.116	168	830996	19.033	ng/ul	100
57) 2,4-Dinitrotoluene	15.081	165	203356	22.834	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.339	232	157533	22.996	ng/ul	94
59) Diethylphthalate	15.528	149	716649	19.882	ng/ul	97
61) Fluorene	15.769	166	658596	19.127	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.757	204	313321	19.739	ng/ul	98
63) 4-Nitroaniline	15.786	138	145365	21.204	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.839	198	108552	24.657	ng/ul	97
67) N-Nitrosodiphenylamine	15.969	169	577155	19.821	ng/ul	96
68) 4-Bromophenyl-phenylether	16.651	248	192037	20.783	ng/ul	94
69) Hexachlorobenzene	16.769	284	214047	19.460	ng/ul#	91
70) Atrazine	16.922	200	202078	19.612	ng/ul	96
71) Pentachlorophenol	17.116	266	133694	21.832	ng/ul	98
72) Phenanthrene	17.510	178	1054974	19.224	ng/ul	99
74) Anthracene	17.604	178	1043008	19.087	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	272597	20.615	ng/uL	97
76) Pentachlorobenzene	15.034	250	251144	19.937	ng/uL	94
77) Carbazole	17.875	167	1018557	19.724	ng/ul	98
78) Di-n-butylphthalate	18.427	149	1238563	21.274	ng/ul	99
80) Fluoranthene	19.527	202	1228612	23.146	ng/ul#	94
82) Pyrene	19.892	202	1232728	22.282	ng/ul#	92
83) Butylbenzylphthalate	20.780	149	545776	26.064	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.574	252	345179	19.563	ng/ul#	93
85) Benzo(a)anthracene	21.645	228	1147674	20.598	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.557	149	826345	25.774	ng/ul#	95
87) Chrysene	21.698	228	1084700	20.107	ng/ul	97
89) Di-n-octyl phthalate	22.516	149	1363770	26.810	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	1110451m	21.018	ng/ul	
91) Benzo(k)fluoranthene	23.451	252	1083955	22.936	ng/ul	96
93) Benzo(a)pyrene	24.068	252	1066872	21.106	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.827	276	1061822	17.110	ng/ul	91
95) Dibenzo(a,h)anthracene	26.851	278	896049	17.110	ng/ul	97
96) Benzo(g,h,i)perylene	27.639	276	864485	15.964	ng/ul	95

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

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