

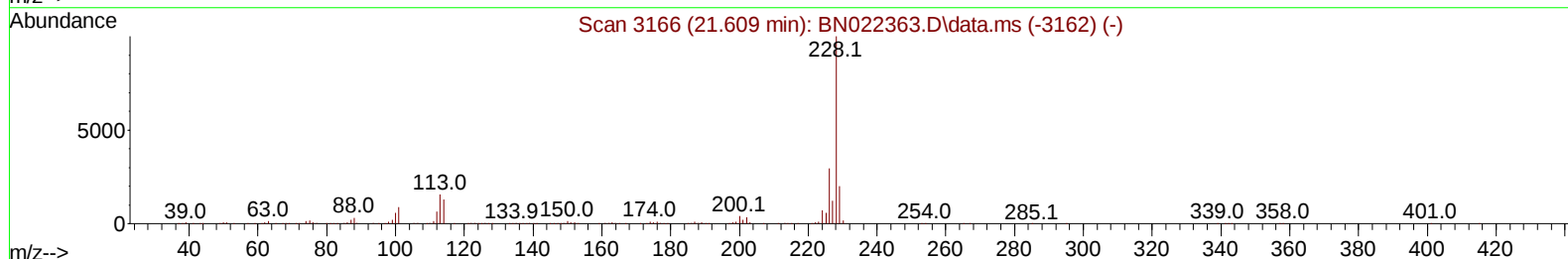
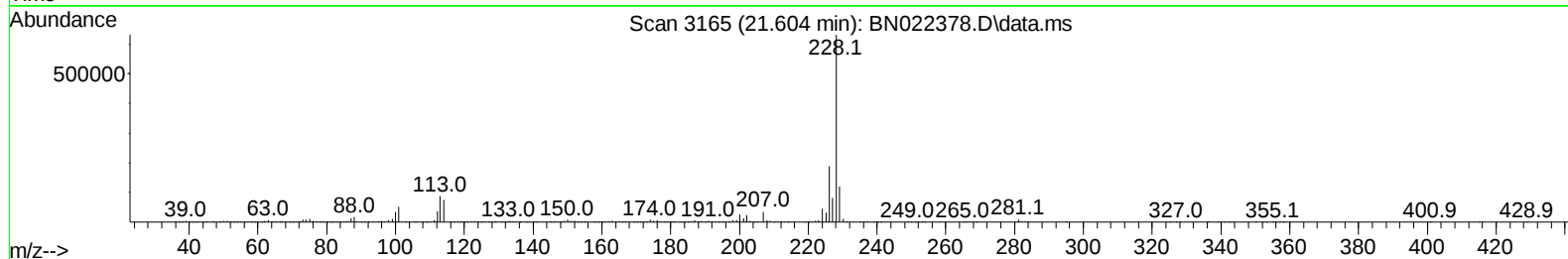
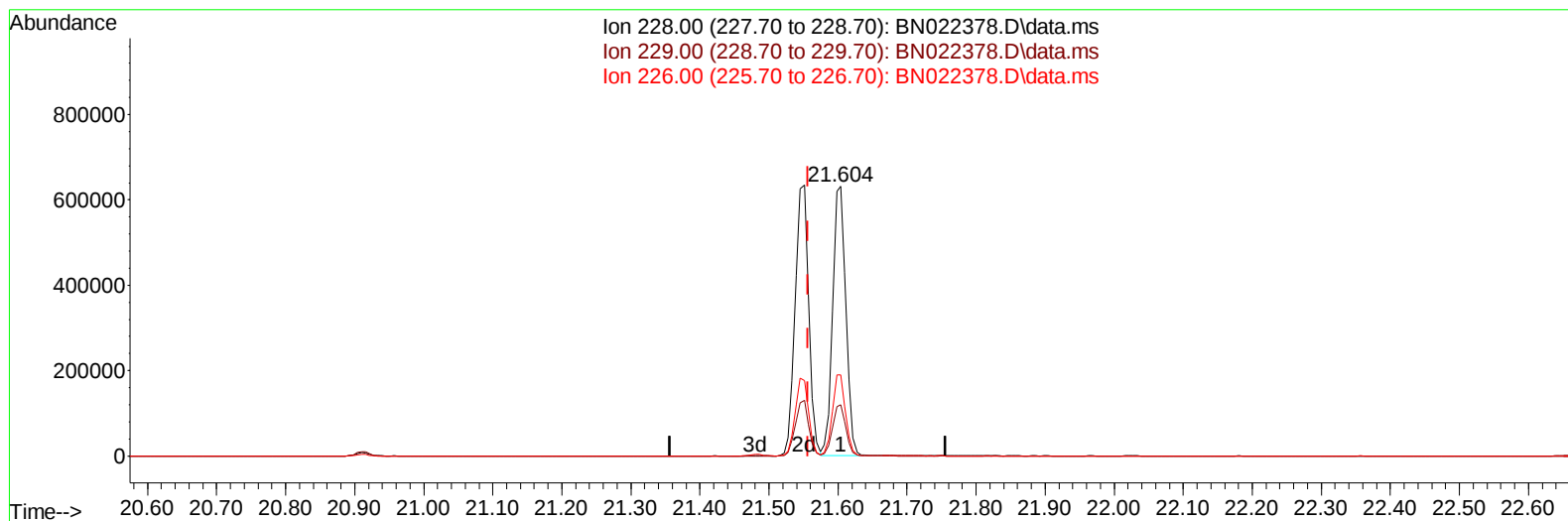
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
 Data File : BN022378.D
 Acq On : 28 Oct 2022 02:04
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Oct 28 04:42:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 28 00:29:18 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/28/2022
 Supervised By :mohammad ahmed 10/28/2022



TIC: BN022378.D\data.ms

(85) Benzo(a)anthracene

21.604min (+ 0.047) 20.64 ng/u1

response 837887

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	16.90	18.98
226.00	26.30	29.97
0.00	0.00	0.00

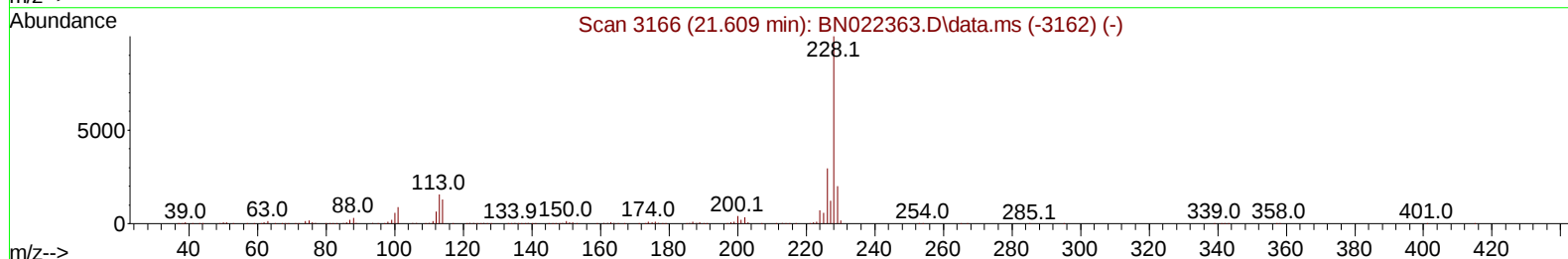
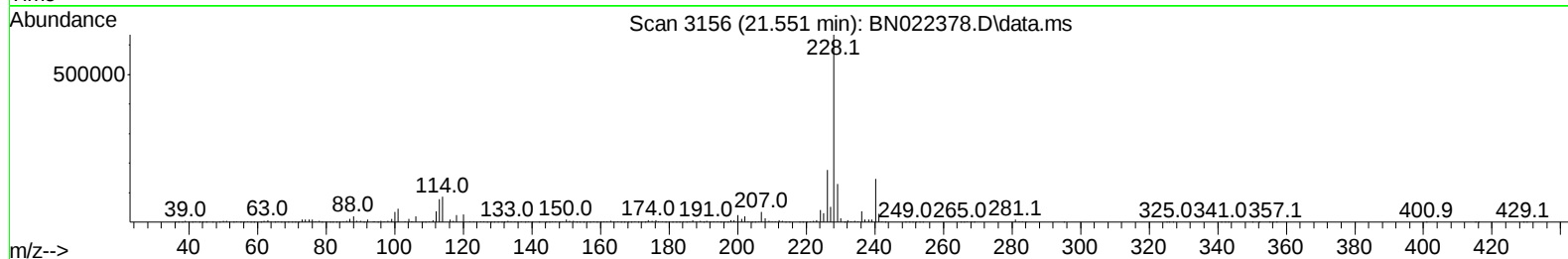
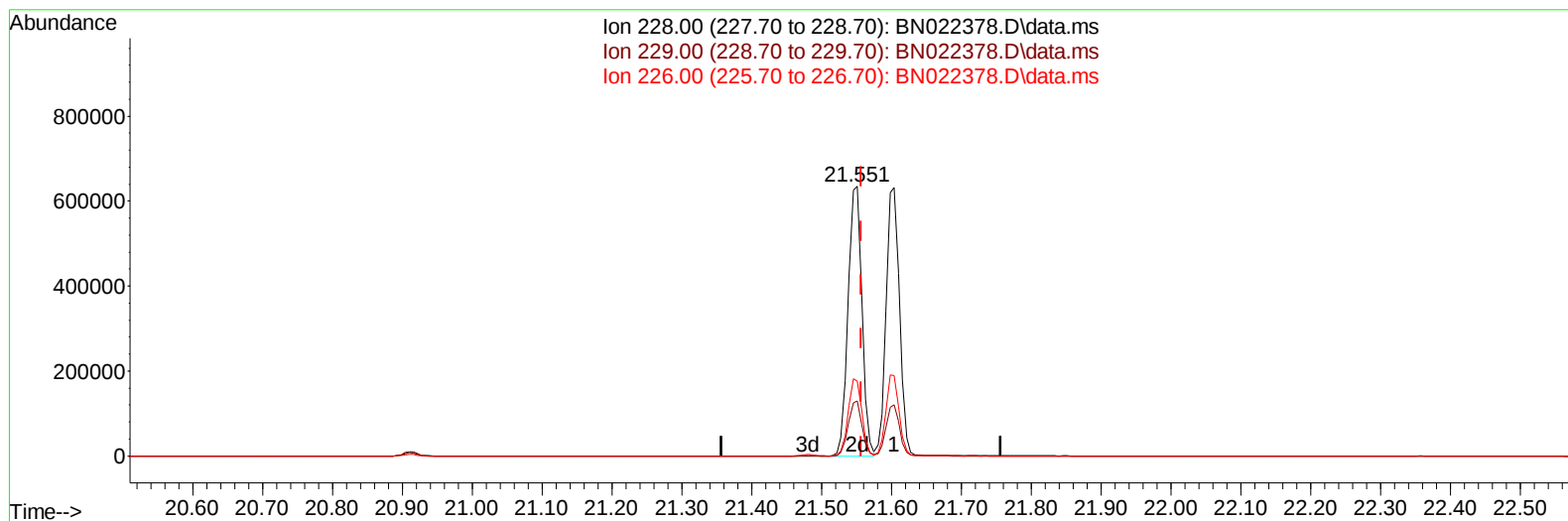
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(85) Benzo(a)anthracene

21.551min (-0.005) 21.46 ng/ul m

response 870907

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	16.90	20.45#
226.00	26.30	27.74
0.00	0.00	0.00

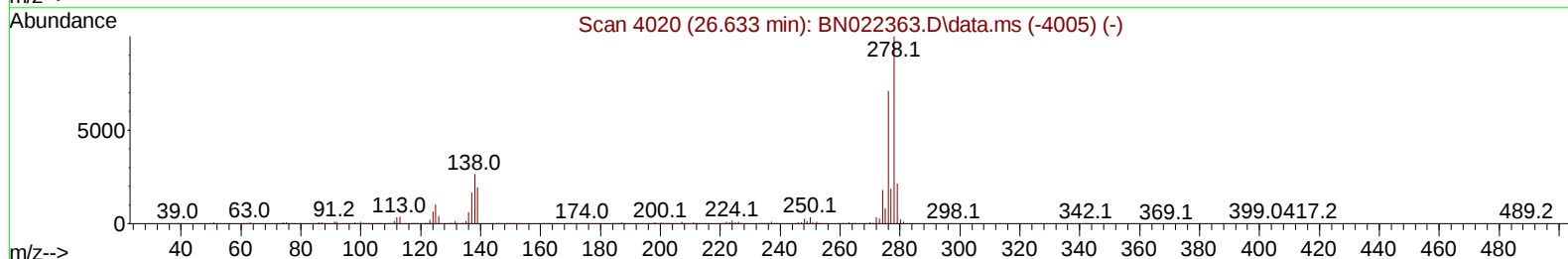
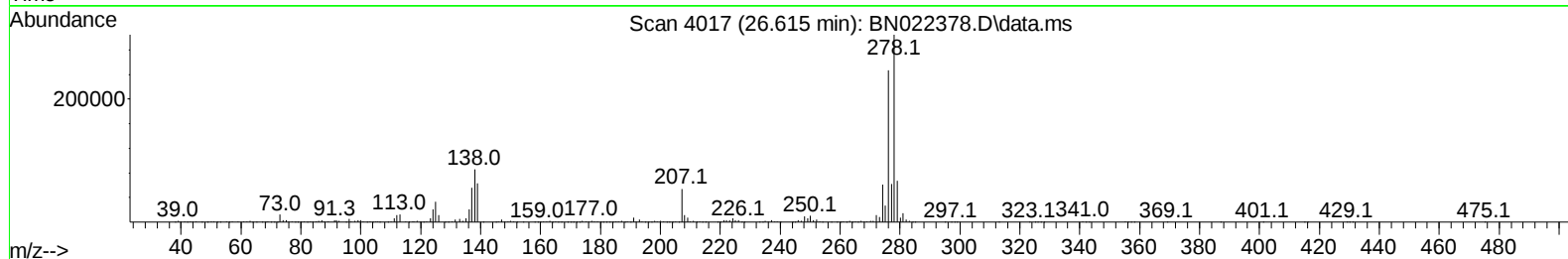
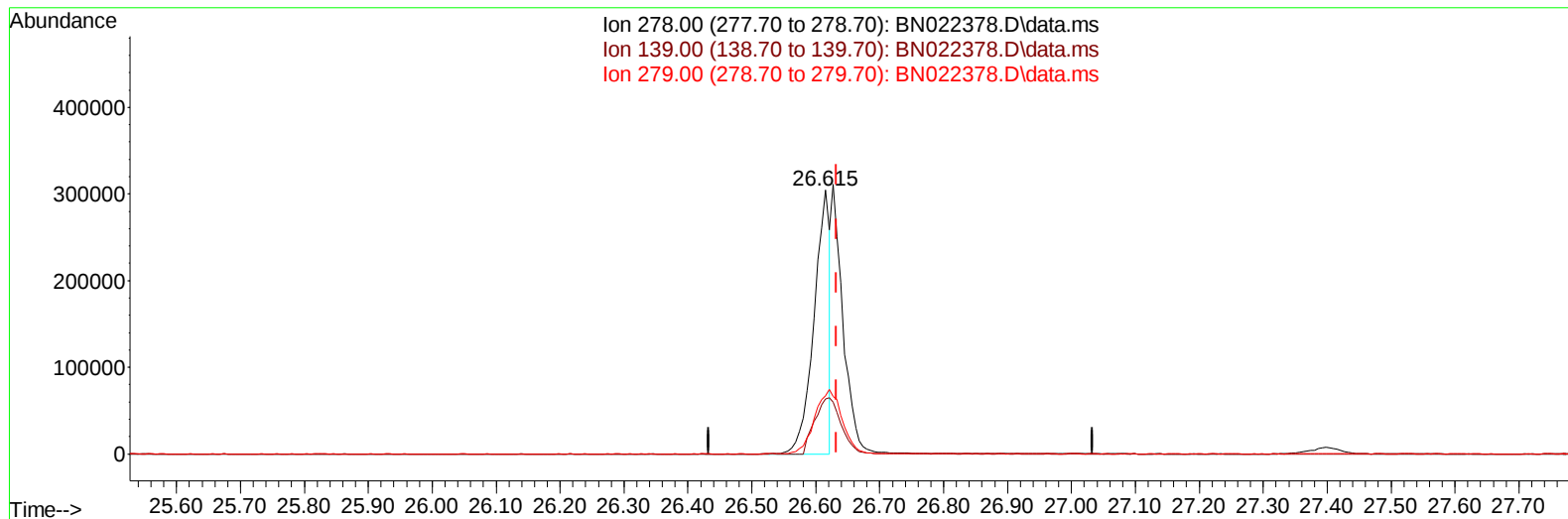
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TIC: BN022378.D\data.ms

(95) Dibenzo(a,h)anthracene

26.615min (-0.017) 12.07 ng/u1

response 523214

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.60	20.77
279.00	20.60	22.15
0.00	0.00	0.00

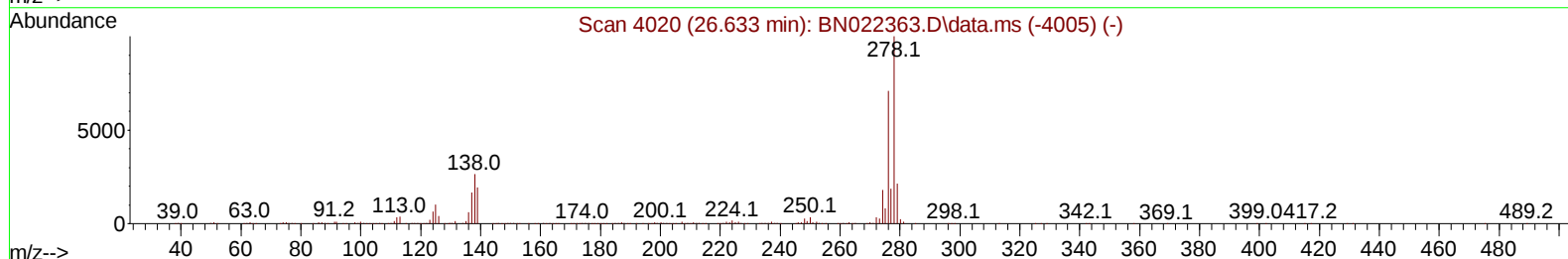
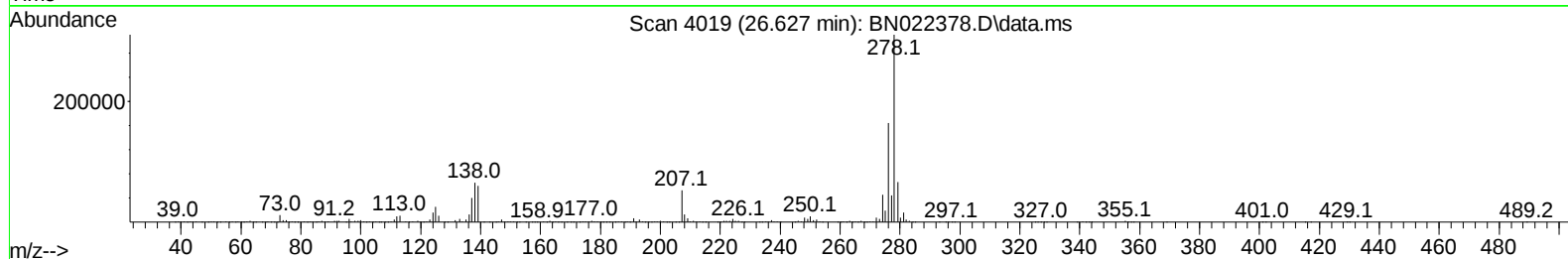
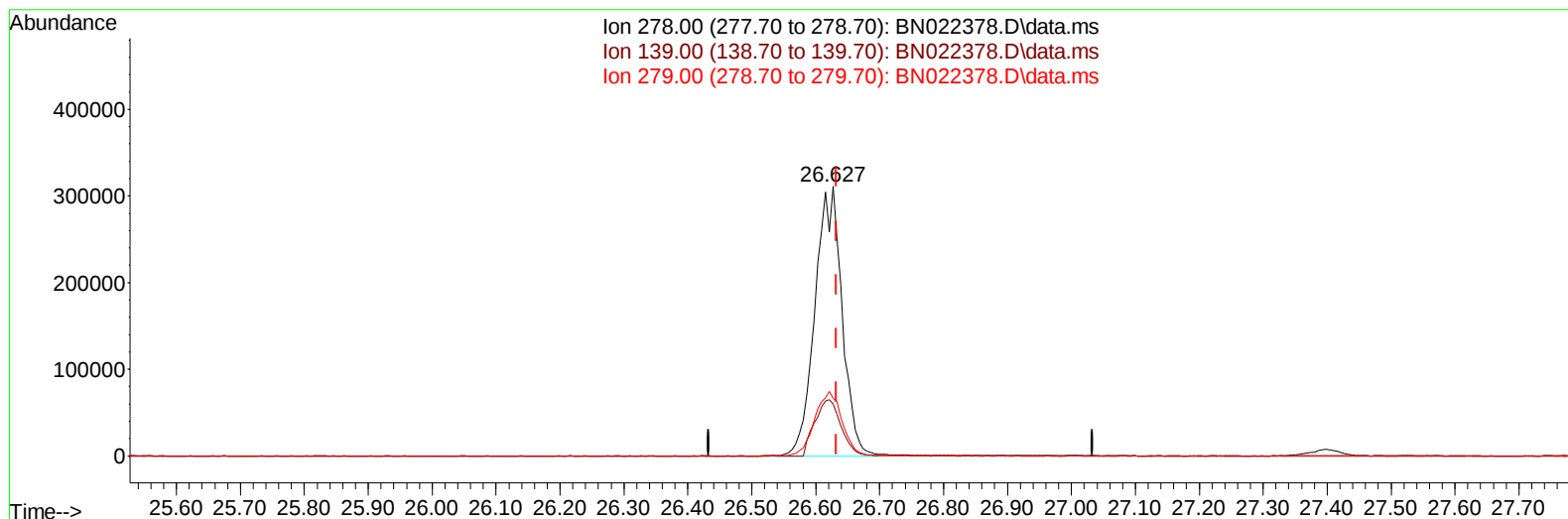
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(95) Dibenzo(a,h)anthracene

26.627min (-0.005) 20.94 ng/ul m

response 907309

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.60	19.28
279.00	20.60	21.44
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	7.928	152	173249	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.763	136	696021	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	385933	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	718369	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	635221	20.000	ng/ul	-0.01
88) Perylene-d12	24.021	264	687408	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	41032	8.976	ng/uL	0.00
4) Pyridine-d5	3.681	84	290327	20.418	ng/ul	0.00
7) Phenol-d5	7.093	99	323109	19.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	199271	18.776	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	249447	21.242	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	237075	17.616	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	118630	23.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	125925	24.073	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	215940	21.992	ng/ul	0.00
31) 4-Chloroaniline-d4	10.905	131	307719	19.168	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	538848	20.029	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	666669	22.191	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	105811	18.426	ng/ul	0.00
60) Fluorene-d10	15.604	176	455607	20.079	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	76844	18.751	ng/ul	0.00
73) Anthracene-d10	17.463	188	666612	21.354	ng/ul	0.00
81) Pyrene-d10	19.763	212	696026	22.008	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.863	264	709019	21.032	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	43697	8.771	ng/uL	98
5) Pyridine	3.705	79	289631	20.533	ng/ul	94
6) Benzaldehyde	7.064	77	175535	20.987	ng/ul	97
8) Phenol	7.116	94	339417	18.881	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.352	93	268475	18.772	ng/ul	99
12) 2-Chlorophenol	7.487	128	268538	20.710	ng/ul	98
13) 2-Methylphenol	8.387	108	246255	18.322	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.469	45	368803	18.021	ng/ul	99
16) Acetophenone	8.769	105	372798	17.338	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.758	70	191400	16.713	ng/ul	97
18) 4-Methylphenol	8.722	108	264193	17.555	ng/ul	99
19) Hexachloroethane	9.016	117	111407	22.006	ng/ul	99
22) Nitrobenzene	9.158	77	297122	22.047	ng/ul	97
23) Isophorone	9.687	82	527696	19.833	ng/ul	99
25) 2-Nitrophenol	9.869	139	140838	22.813	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	275353	21.155	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	329527	19.806	ng/ul	98
29) 2,4-Dichlorophenol	10.405	162	224486	21.922	ng/ul	99
30) Naphthalene	10.810	128	785980	21.080	ng/ul	99
32) 4-Chloroaniline	10.928	127	323137	19.417	ng/ul	99
33) Hexachlorobutadiene	11.087	225	129563	23.058	ng/ul	96
34) Caprolactam	11.716	113	66476	16.707	ng/ul	91
35) 4-Chloro-3-methylphenol	12.057	107	235543	19.079	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	509021	19.769	ng/ul	99
37) 1-Methylnaphthalene	12.646	142	501305	19.442	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.799	216	237688	23.742	ng/ul	95
40) Hexachlorocyclopentadiene	12.769	237	118688	21.206	ng/ul	88
41) 2,4,6-Trichlorophenol	13.040	196	154796	22.675	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	164874	21.687	ng/ul	99
43) 1,1'-Biphenyl	13.440	154	618582	21.956	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	485755	22.066	ng/ul	96
45) 2-Nitroaniline	13.698	65	148078	21.713	ng/ul	99
47) Dimethylphthalate	14.069	163	568014	19.642	ng/ul	98
48) 2,6-Dinitrotoluene	14.193	165	116489	21.505	ng/ul	96
50) Acenaphthylene	14.328	152	738308	21.520	ng/ul	98
51) 3-Nitroaniline	14.522	138	133825	20.924	ng/ul	98
52) Acenaphthene	14.669	153	509429	20.939	ng/ul	99
53) 2,4-Dinitrophenol	14.734	184	54402	14.826	ng/ul	95
55) 4-Nitrophenol	14.828	109	85349	18.331	ng/ul	97
56) Dibenzofuran	15.004	168	674845	20.327	ng/ul	97
57) 2,4-Dinitrotoluene	14.981	165	161713	20.379	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	125160	19.782	ng/ul	98
59) Diethylphthalate	15.428	149	563711	19.192	ng/ul	98
61) Fluorene	15.657	166	531950	19.931	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.651	204	250638	20.042	ng/ul	97
63) 4-Nitroaniline	15.687	138	132792	22.252	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	82897	18.841	ng/ul	96
67) N-Nitrosodiphenylamine	15.869	169	460054	22.145	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	148191	23.352	ng/ul	86
69) Hexachlorobenzene	16.663	284	164372	21.279	ng/ul	97
70) Atrazine	16.822	200	151966	21.721	ng/ul	98
71) Pentachlorophenol	17.010	266	94298	19.741	ng/ul	99
72) Phenanthrene	17.404	178	818889	21.132	ng/ul	97
74) Anthracene	17.498	178	842115	21.878	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.404	216	226167	25.031	ng/uL	98
76) Pentachlorobenzene	14.922	250	223394	23.035	ng/uL	98
77) Carbazole	17.775	167	764538	21.475	ng/ul	100
78) Di-n-butylphthalate	18.334	149	968047	21.940	ng/ul	99
80) Fluoranthene	19.428	202	900877	22.692	ng/ul	97
82) Pyrene	19.792	202	939017	22.609	ng/ul	99
83) Butylbenzylphthalate	20.692	149	423966	23.528	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	270113	19.662	ng/ul	93
85) Benzo(a)anthracene	21.551	228	870907m	21.457	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.469	149	604501	23.194	ng/ul	98
87) Chrysene	21.604	228	837887	21.481	ng/ul	98
89) Di-n-octyl phthalate	22.410	149	1047361	21.505	ng/ul	100
90) Benzo(b)fluoranthene	23.269	252	927118	21.384	ng/ul	97
91) Benzo(k)fluoranthene	23.316	252	924416	21.581	ng/ul	97
93) Benzo(a)pyrene	23.910	252	818299	21.118	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.598	276	1025873	21.182	ng/ul	96
95) Dibenzo(a,h)anthracene	26.627	278	907309m	20.939	ng/ul	
96) Benzo(g,h,i)perylene	27.398	276	932999	21.413	ng/ul	99

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

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