

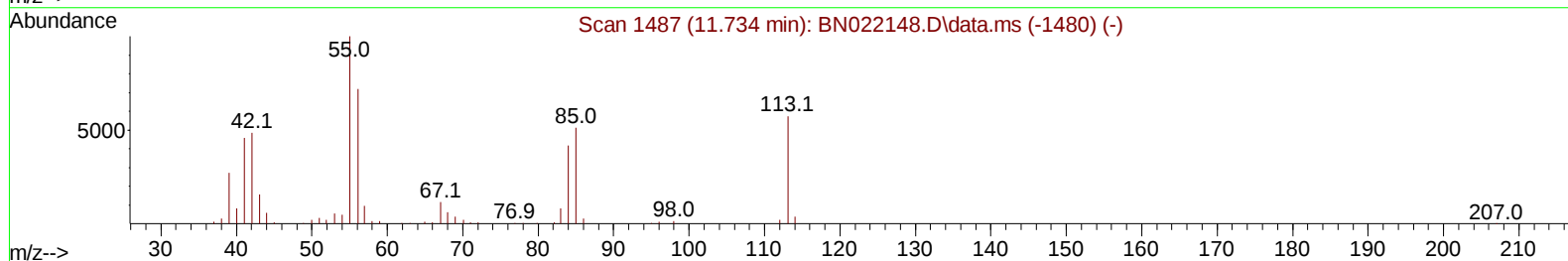
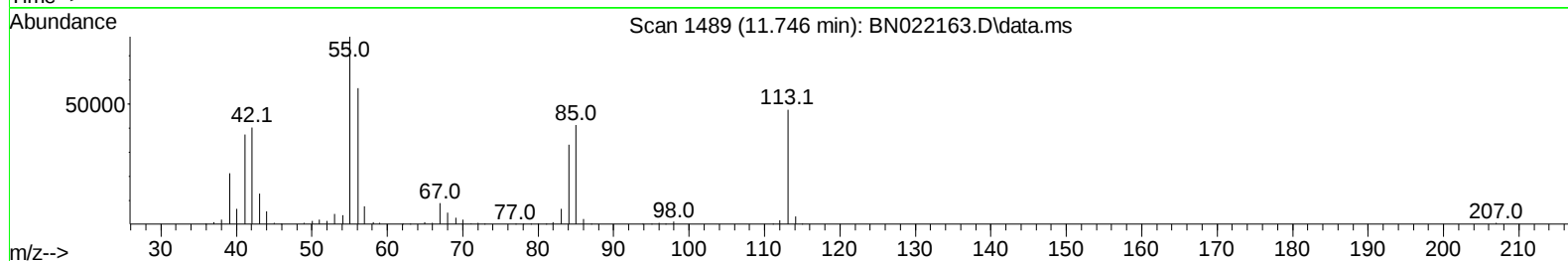
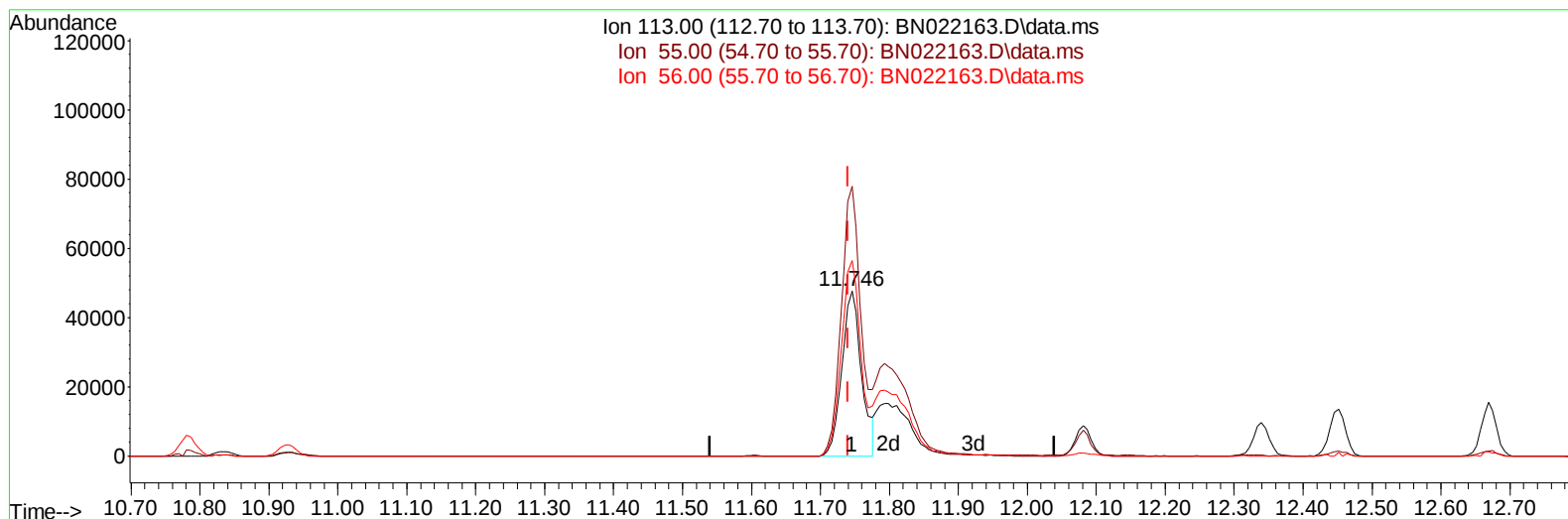
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
 Data File : BN022163.D
 Acq On : 17 Oct 2022 22:20
 Operator : CG/JU
 Sample : PB148279BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS279

Manual IntegrationsAPPROVED

Quant Time: Oct 17 23:11:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022



TIC: BN022163.D\data.ms

(34) Caprolactam

11.746min (+ 0.006) 19.69 ng/ul

response 93543

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	163.29
56.00	126.70	118.38
0.00	0.00	0.00

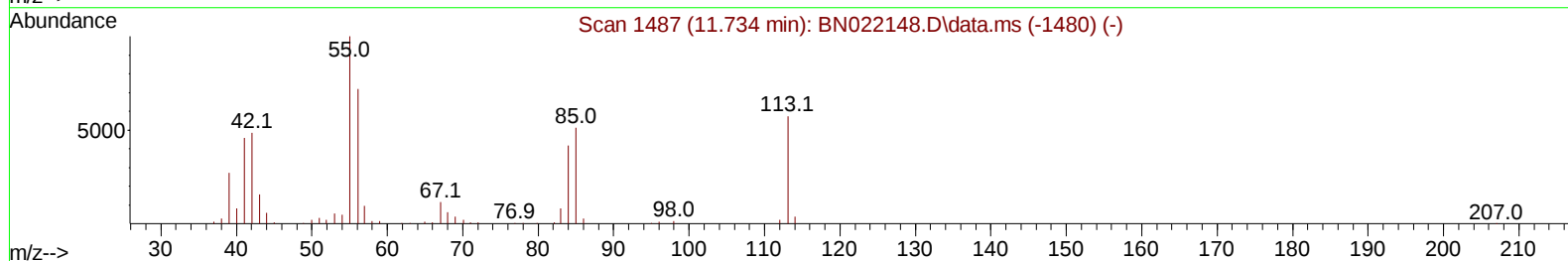
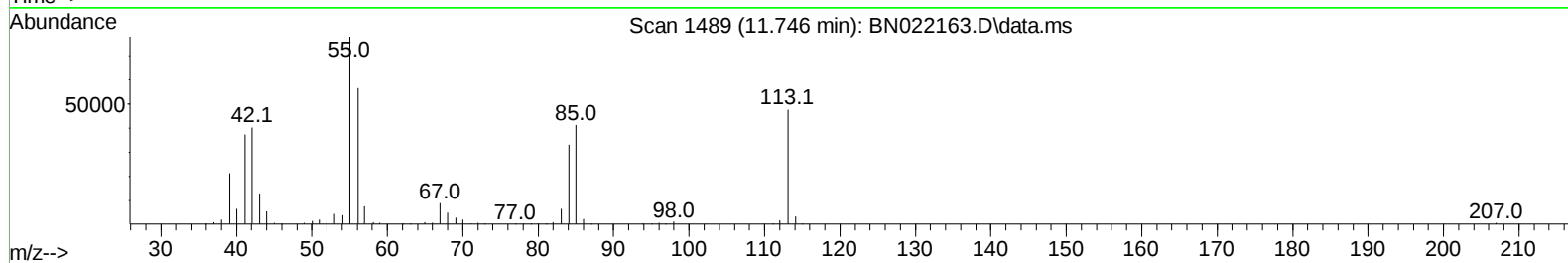
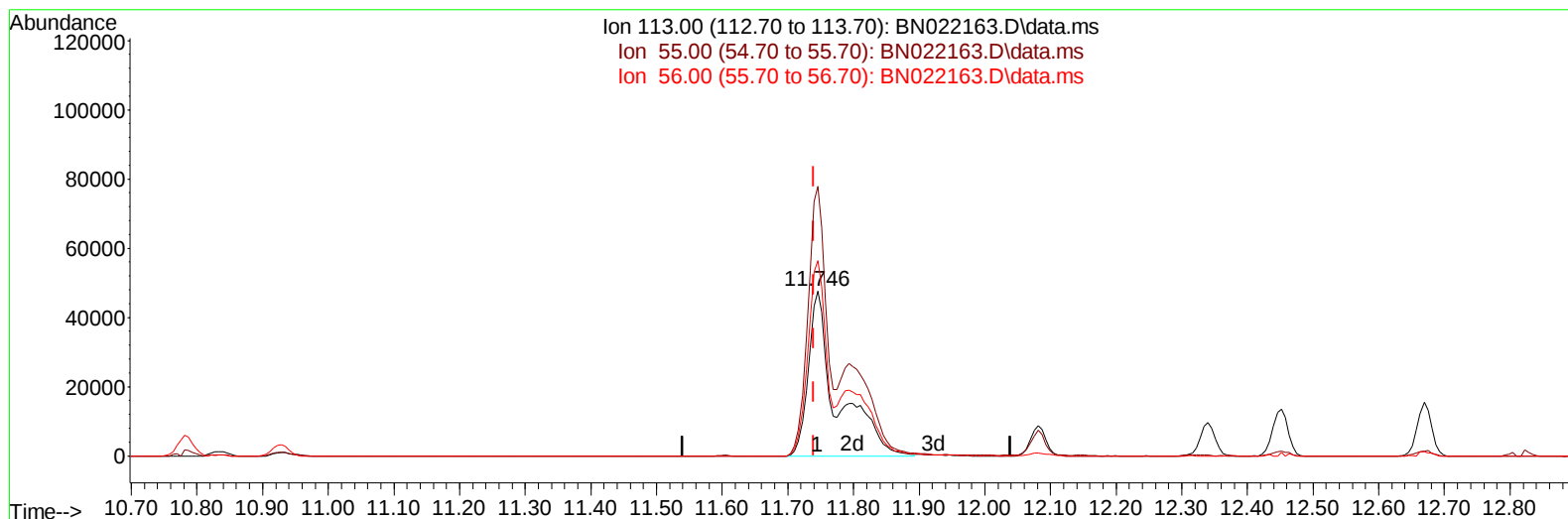
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TIC: BN022163.D\data.ms

(34) Caprolactam

11.746min (+ 0.006) 30.60 ng/ul m

response 145329

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	163.29
56.00	126.70	118.38
0.00	0.00	0.00

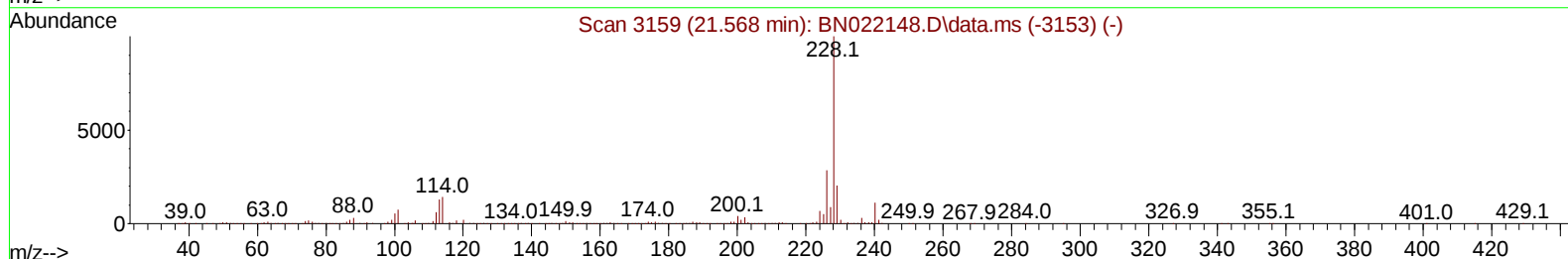
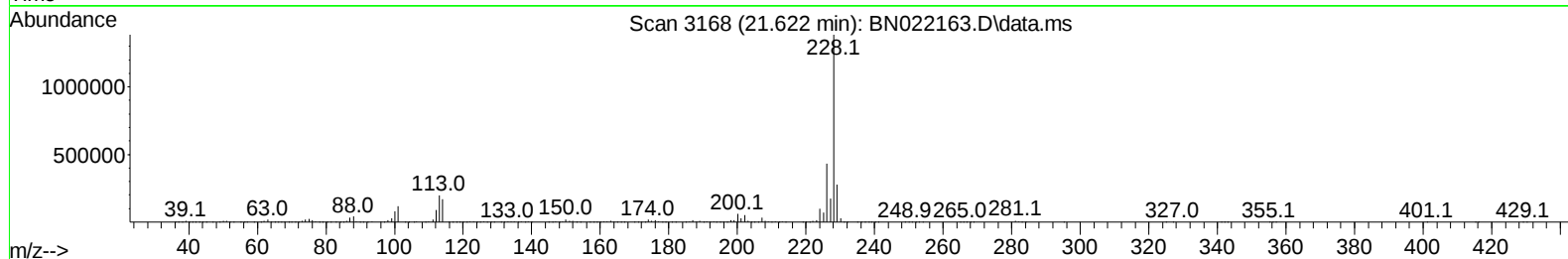
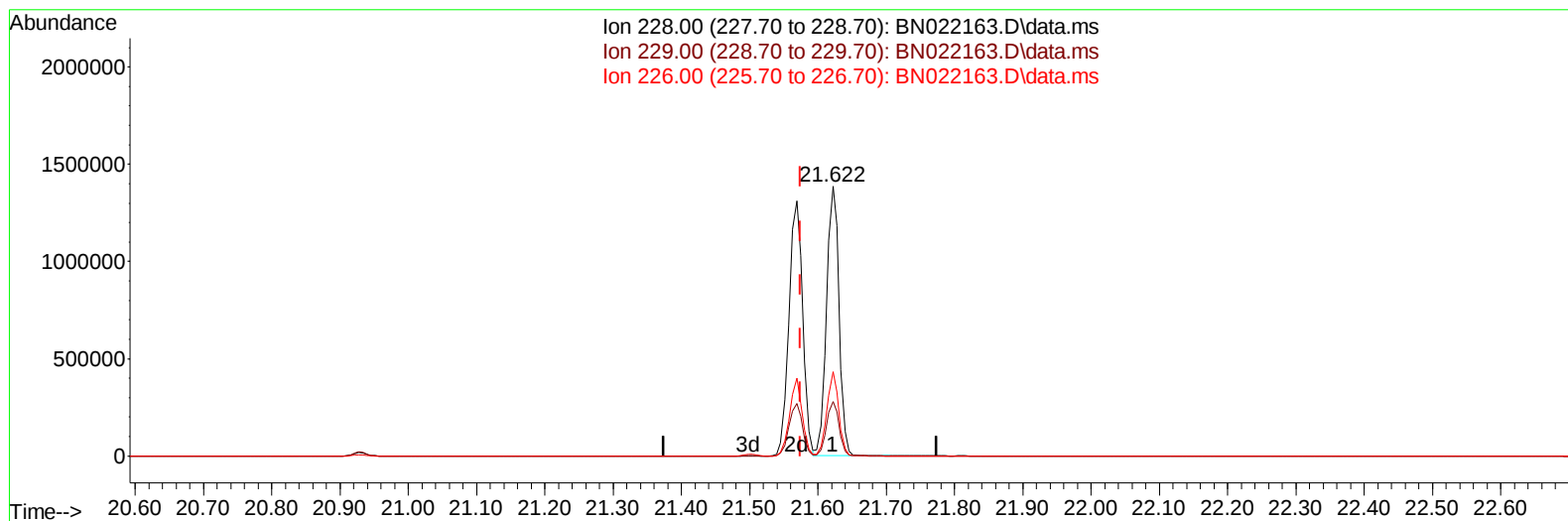
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TIC: BN022163.D\data.ms

(85) Benzo(a)anthracene

21.622min (+ 0.047) 29.67 ng/u1

response 1759179

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	16.90	20.09
226.00	26.30	31.22
0.00	0.00	0.00

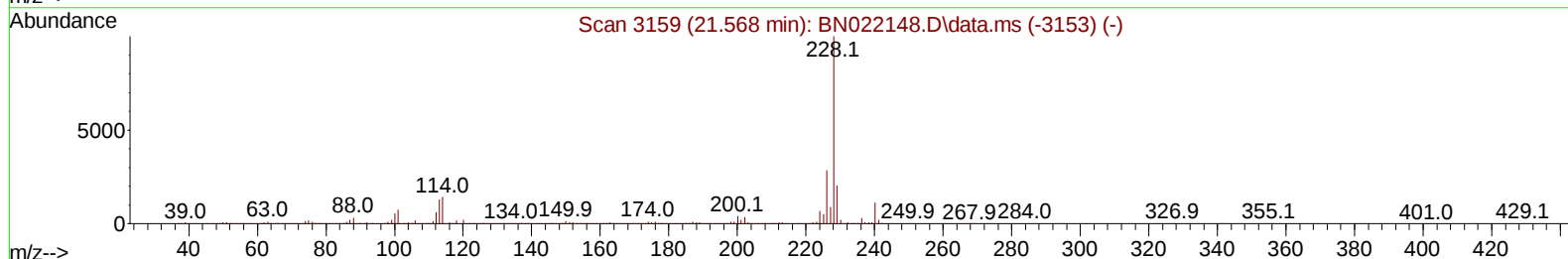
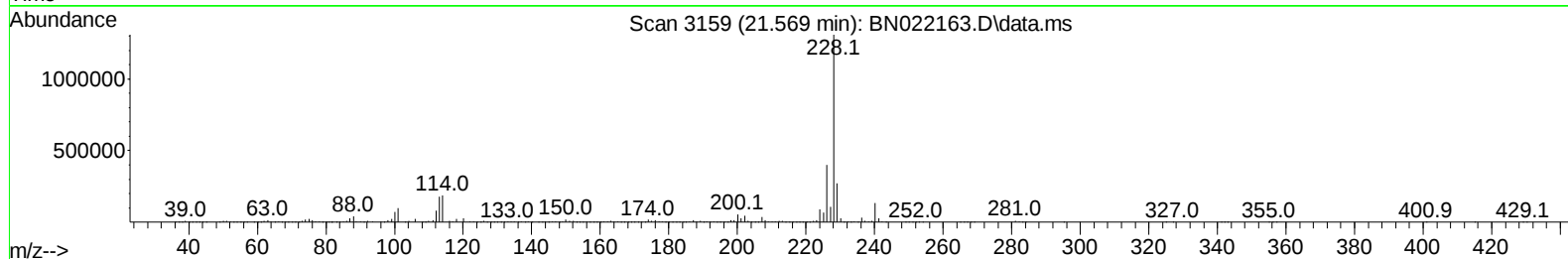
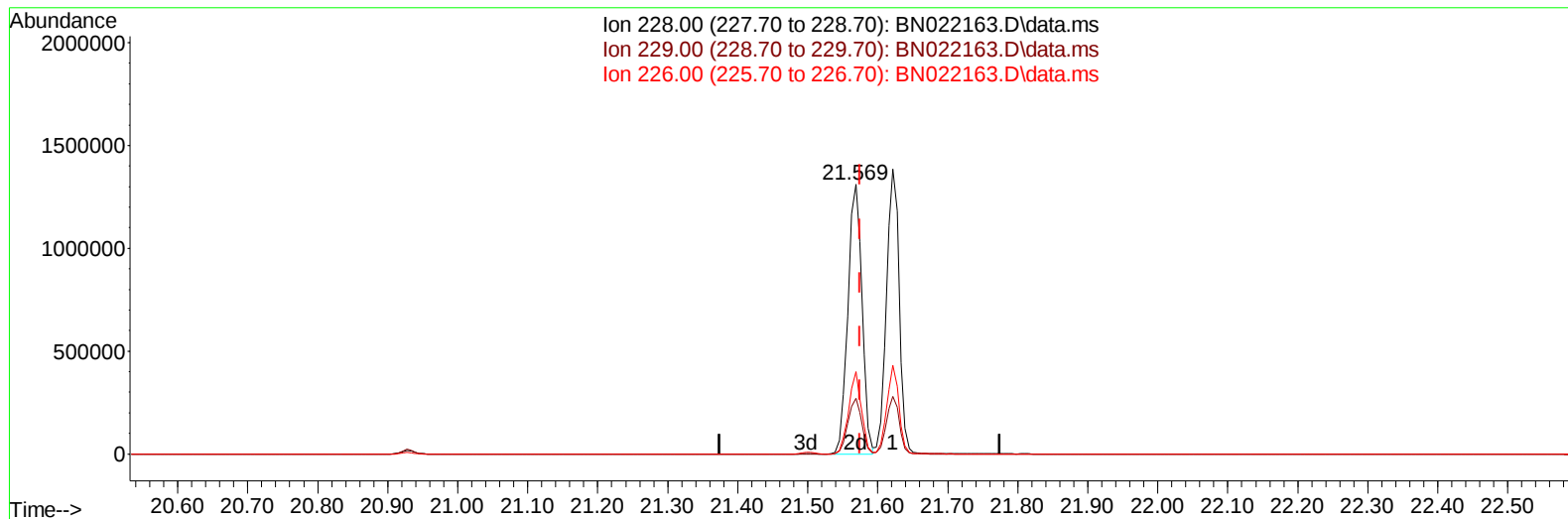
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TIC: BN022163.D\data.ms

(85) Benzo(a)anthracene

21.569min (-0.006) 30.83 ng/ul m

response 1827521

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	16.90	20.61#
226.00	26.30	30.45
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	7.952	152	183422	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	830834	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	516950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1082883	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	927805	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	829011	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	26958	5.570	ng/uL	0.00
4) Pyridine-d5	3.693	84	385768	25.626	ng/ul	0.00
7) Phenol-d5	7.111	99	550909	30.723	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	322630	28.713	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	401003	32.254	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	427177	29.981	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	207067	33.989	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	229190	36.704	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	391222	33.378	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	528226	27.565	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	1127544	31.290	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1319383	32.787	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	249287	32.410	ng/ul	0.00
60) Fluorene-d10	15.622	176	948689	31.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	176377	28.550	ng/ul	0.00
73) Anthracene-d10	17.486	188	1479752	31.445	ng/ul	0.00
81) Pyrene-d10	19.786	212	1654664	35.820	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1311472	32.258	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	55447	10.512	ng/uL	98
5) Pyridine	3.711	79	392990	26.315	ng/ul	100
6) Benzaldehyde	7.087	77	340707	38.476	ng/ul	98
8) Phenol	7.140	94	554532	29.136	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	426040	28.137	ng/ul	98
12) 2-Chlorophenol	7.510	128	419798	30.579	ng/ul	98
13) 2-Methylphenol	8.405	108	419274	29.464	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	586715	27.079	ng/ul	100
16) Acetophenone	8.793	105	643147	28.252	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.781	70	336178	27.726	ng/ul	98
18) 4-Methylphenol	8.740	108	456391	28.644	ng/ul	96
19) Hexachloroethane	9.040	117	164464	30.685	ng/ul	97
22) Nitrobenzene	9.175	77	510756	31.750	ng/ul	97
23) Isophorone	9.710	82	955157	30.074	ng/ul	99
25) 2-Nitrophenol	9.893	139	246175	33.406	ng/ul	98
26) 2,4-Dimethylphenol	9.952	107	481271	30.975	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.193	93	593800	29.899	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	394533	32.276	ng/ul	96
30) Naphthalene	10.834	128	1346762	30.259	ng/ul	99
32) 4-Chloroaniline	10.951	127	532721	26.817	ng/ul	99
33) Hexachlorobutadiene	11.110	225	210643	31.405	ng/ul	98
34) Caprolactam	11.746	113	145329m	30.598	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	461144	31.291	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	906438	29.491	ng/ul	99
37) 1-Methylnaphthalene	12.669	142	903217	29.345	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.816	216	425588	31.736	ng/ul	97
40) Hexachlorocyclopentadiene	12.793	237	180807	24.118	ng/ul	91
41) 2,4,6-Trichlorophenol	13.057	196	301954	33.022	ng/ul	97
42) 2,4,5-Trichlorophenol	13.134	196	333003	32.701	ng/ul	100
43) 1,1'-Biphenyl	13.463	154	1152968	30.552	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	909828	30.855	ng/ul	94
45) 2-Nitroaniline	13.716	65	309576	33.889	ng/ul	99
47) Dimethylphthalate	14.087	163	1134575	29.291	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	250533	34.529	ng/ul	94
50) Acenaphthylene	14.351	152	1425733	31.024	ng/ul	98
51) 3-Nitroaniline	14.545	138	274406	32.031	ng/ul	95
52) Acenaphthene	14.692	153	968841	29.729	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	114467	23.289	ng/ul	99
55) 4-Nitrophenol	14.851	109	190925	30.614	ng/ul	96
56) Dibenzofuran	15.028	168	1320645	29.697	ng/ul	96
57) 2,4-Dinitrotoluene	14.998	165	364061	34.251	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	264096	31.162	ng/ul	99
59) Diethylphthalate	15.451	149	1162161	29.538	ng/ul	98
61) Fluorene	15.681	166	1070373	29.941	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.675	204	482289	28.792	ng/ul	98
63) 4-Nitroaniline	15.710	138	308897	38.643	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.769	198	181230	27.325	ng/ul#	93
67) N-Nitrosodiphenylamine	15.892	169	941422	30.062	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	289759	30.291	ng/ul	92
69) Hexachlorobenzene	16.681	284	360356	30.947	ng/ul	94
70) Atrazine	16.845	200	326150	30.926	ng/ul	98
71) Pentachlorophenol	17.034	266	204353	28.381	ng/ul	96
72) Phenanthrene	17.428	178	1745569	29.882	ng/ul	98
74) Anthracene	17.522	178	1769968	30.505	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	437907	32.151	ng/uL	97
76) Pentachlorobenzene	14.945	250	406317	27.793	ng/uL	96
77) Carbazole	17.792	167	1677545	31.258	ng/ul	100
78) Di-n-butylphthalate	18.351	149	2087080	31.379	ng/ul	98
80) Fluoranthene	19.451	202	1945716	33.555	ng/ul	98
82) Pyrene	19.816	202	2040439	33.635	ng/ul	99
83) Butylbenzylphthalate	20.710	149	1014873	38.560	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.498	252	590218	29.415	ng/ul	98
85) Benzo(a)anthracene	21.569	228	1827521m	30.826	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.486	149	1500114	39.407	ng/ul	100
87) Chrysene	21.622	228	1759179	30.878	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	2608543	44.411	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1696735	32.451	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	1657552	32.087	ng/ul	97
93) Benzo(a)pyrene	23.939	252	1451065	31.051	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	1655030	28.335	ng/ul	95
95) Dibenzo(a,h)anthracene	26.668	278	1380731	26.422	ng/ul	98
96) Benzo(g,h,i)perylene	27.445	276	1345807	25.611	ng/ul	97

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

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