Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015920.D
Acq On : 18 Aug 2021 04:26
Operator : CG/JU
Sample : M3355-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 18 05:17:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
AQAA12MSD

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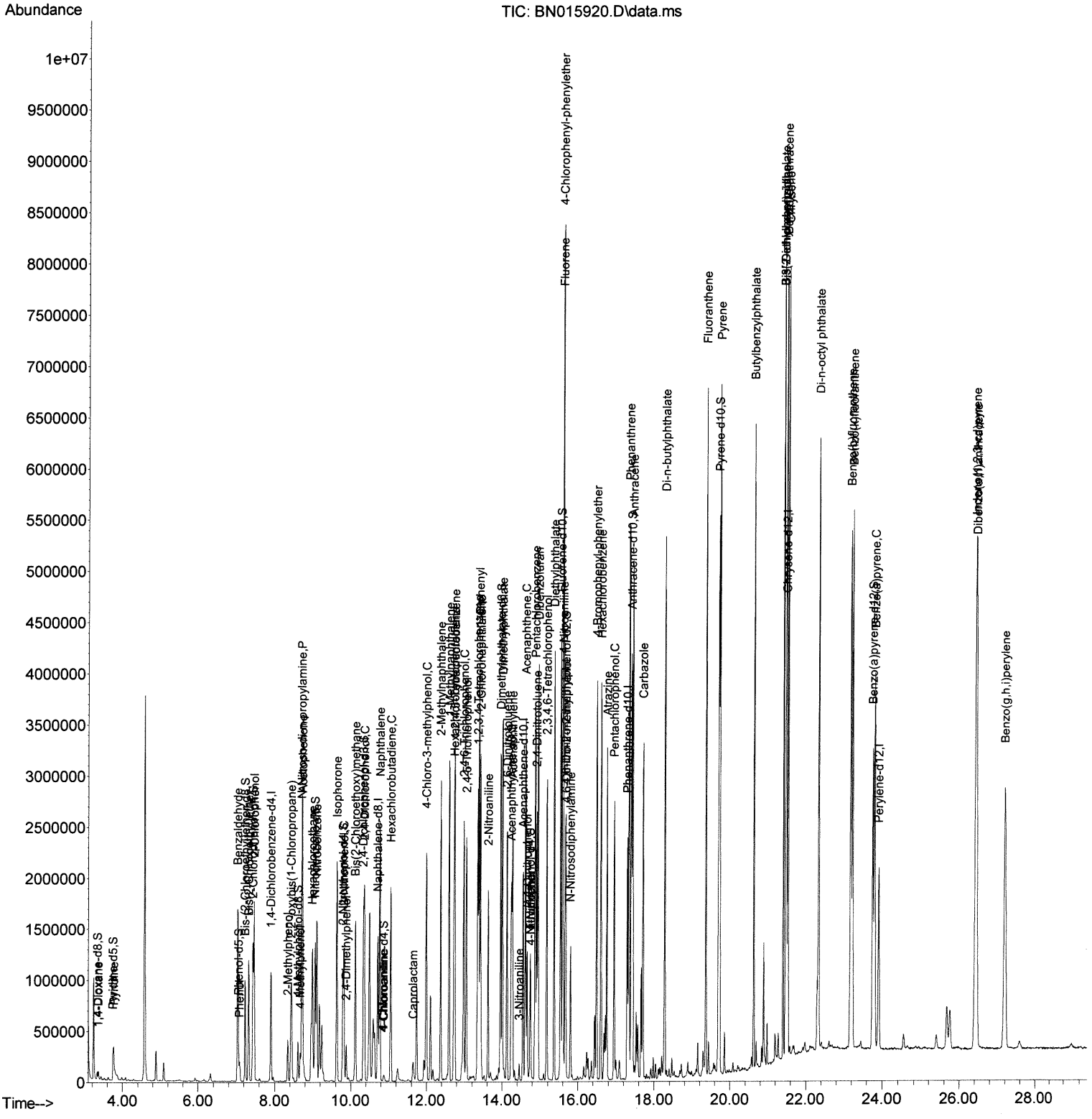

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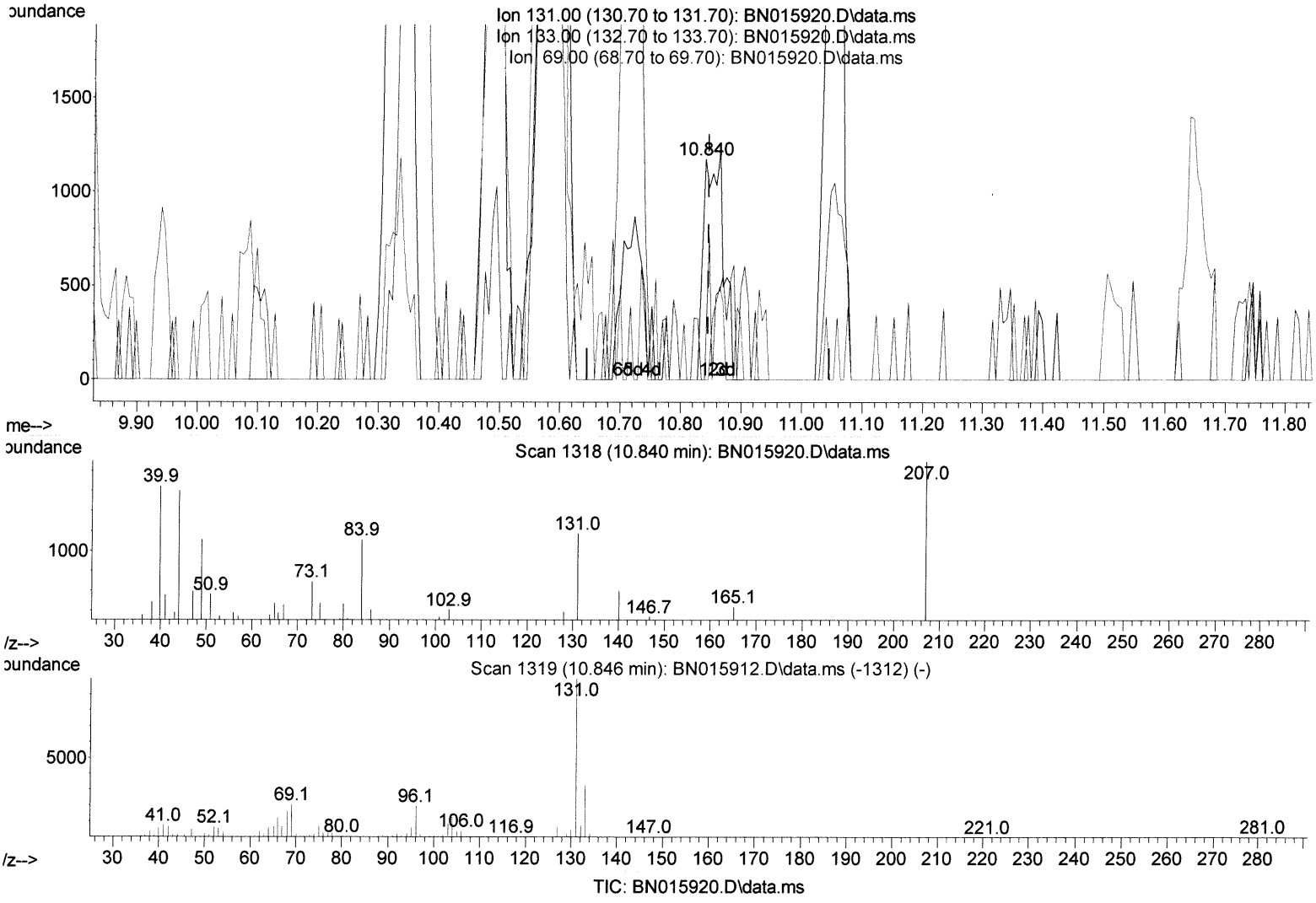

(31) 4-Chloroaniline-d4 (S)

10.840min (-0.006) 0.04 ng/ul

response 999

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.40	0.00#
69.00	21.40	0.00#
0.00	0.00	0.00

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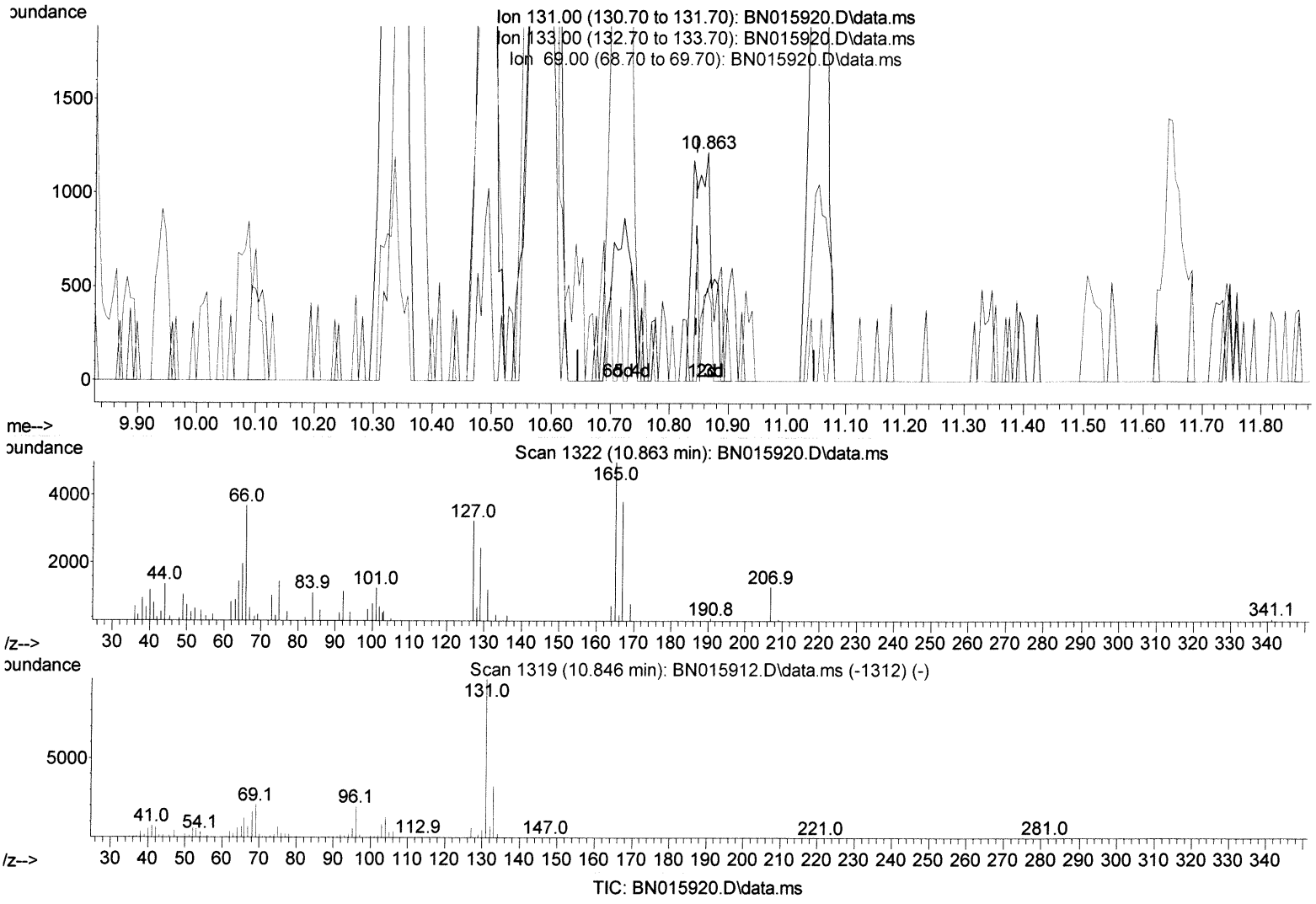

(31) 4-Chloroaniline-d4 (S)

10.863min (+ 0.018) 0.11 ng/ul m JU 8/19/21

response 2730

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.40	39.05
69.00	21.40	40.61#
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	7.899	152	280600	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1137207	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	710871	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1418900	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1395309	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1358525	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	38548	5.351	ng/uL	0.00
4) Pyridine-d5	3.746	84	126684	6.292	ng/ul	0.00
7) Phenol-d5	7.058	99	58068	2.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	462829	29.616	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	584673	32.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	138326	7.007	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	299696	35.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	311704	39.791	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	578786	34.144	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	2730m>	0.106	ng/ul >	0.02 > JU 8/19/21
46) Dimethylphthalate-d6	13.957	166	2170018	41.653	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	1344728	20.611	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	99044	10.749	ng/ul	0.00
60) Fluorene-d10	15.545	176	1762985	38.795	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	346163	45.682	ng/ul	0.00
73) Anthracene-d10	17.398	188	2317097	34.841	ng/ul	0.00
81) Pyrene-d10	19.692	212	2838549	37.769	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2301541	31.333	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	39516	5.336	ng/uL	94
5) Pyridine	3.770	79	163774	7.890	ng/ul	98
6) Benzaldehyde	7.034	77	608672	46.607	ng/ul	99
8) Phenol	7.087	94	94294	3.644	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.322	93	668631	32.984	ng/ul	96
12) 2-Chlorophenol	7.464	128	716851	38.615	ng/ul	99
13) 2-Methylphenol	8.346	108	129278	6.821	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.434	45	797243	30.796	ng/ul	98
16) Acetophenone	8.728	105	1067883	33.520	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.711	70	566935	36.443	ng/ul	98
18) 4-Methylphenol	8.669	108	99205	4.890	ng/ul	85
19) Hexachloroethane	8.987	117	254265	30.161	ng/ul#	81
22) Nitrobenzene	9.105	77	874433	36.946	ng/ul	98
23) Isophorone	9.634	82	1541188	37.430	ng/ul	99
25) 2-Nitrophenol	9.822	139	360951	42.253	ng/ul	97
26) 2,4-Dimethylphenol	9.881	107	125029	5.480	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.122	93	909193	35.950	ng/ul	99
29) 2,4-Dichlorophenol	10.358	162	590105	35.308	ng/ul	95
30) Naphthalene	10.763	128	2003593	32.896	ng/ul	99
32) 4-Chloroaniline	10.869	127	12175	0.478	ng/ul#	67
33) Hexachlorobutadiene	11.052	225	418040	32.553	ng/ul	95
34) Caprolactam	11.652	113	43327	8.274	ng/ul	98
35) 4-Chloro-3-methylphenol	11.993	107	618132	31.224	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	1323777	31.255	ng/ul	93
37) 1-Methylnaphthalene	12.593	142	1402552	33.269	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.746	216	839003	36.483	ng/ul	97
40) Hexachlorocyclopentadiene	12.728	237	508497	34.105	ng/ul	96
41) 2,4,6-Trichlorophenol	12.981	196	549424	43.693	ng/ul	94
42) 2,4,5-Trichlorophenol	13.052	196	582558	42.433	ng/ul	94
43) 1,1'-Biphenyl	13.387	154	2034249	37.007	ng/ul	99
44) 2-Chloronaphthalene	13.428	162	1545316	36.408	ng/ul	96
45) 2-Nitroaniline	13.628	65	505355	42.019	ng/ul	98
47) Dimethylphthalate	14.010	163	2180118	42.214	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	458485	49.022	ng/ul	91
50) Acenaphthylene	14.269	152	1712870	27.617	ng/ul	99
51) 3-Nitroaniline	14.451	138	24107	2.397	ng/ul#	98
52) Acenaphthene	14.616	153	1459397	32.532	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	237929	45.784	ng/ul	99
55) 4-Nitrophenol	14.757	109	106445	11.806	ng/ul	89
56) Dibenzofuran	14.951	168	2529768	40.788	ng/ul	97
57) 2,4-Dinitrotoluene	14.910	165	674174	50.046	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	552289	48.617	ng/ul	99
59) Diethylphthalate	15.369	149	2277063	44.094	ng/ul	100
61) Fluorene	15.598	166	2068940	40.879	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.593	204	1087610	41.210	ng/ul	97
63) 4-Nitroaniline	15.610	138	117032	12.146	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.675	198	368911	48.948	ng/ul	99
67) N-Nitrosodiphenylamine	15.804	169	492508	11.892	ng/ul	98
68) 4-Bromophenyl-phenylether	16.487	248	699346	45.930	ng/ul	98
69) Hexachlorobenzene	16.604	284	806071	45.302	ng/ul	96
70) Atrazine	16.763	200	598116	39.817	ng/ul	98
71) Pentachlorophenol	16.945	266	457613	45.844	ng/ul	96
72) Phenanthrene	17.340	178	3367228	43.653	ng/ul	99
74) Anthracene	17.434	178	3097562	39.334	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	865000	38.703	ng/uL	97
76) Pentachlorobenzene	14.869	250	924688	42.505	ng/uL	99
77) Carbazole	17.704	167	1949551	28.157	ng/ul	98
78) Di-n-butylphthalate	18.275	149	3941225	50.063	ng/ul	98
80) Fluoranthene	19.357	202	4053820	44.581	ng/ul	99
82) Pyrene	19.722	202	3900372	41.213	ng/ul	98
83) Butylbenzylphthalate	20.622	149	1702792	53.504	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	281688	9.859	ng/ul	97
85) Benzo(a)anthracene	21.469	228	3880985	43.230	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.398	149	2535815	50.241	ng/ul	97
87) Chrysene	21.522	228	3709016	42.672	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	4248249	49.408	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	3867990	43.307	ng/ul	98
91) Benzo(k)fluoranthene	23.222	252	3935363	44.254	ng/ul	97
93) Benzo(a)pyrene	23.804	252	2863327	35.415	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.433	276	4461955	44.509	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	3779174	45.664	ng/ul	96
96) Benzo(g,h,i)perylene	27.198	276	3651100	44.049	ng/ul	98

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