Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052621\
Data File : BM030176.D
Acq On : 26 May 2021 19:23
Operator : CG/JU
Sample : M2495-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 27 03:11:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 26 15:30:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GB439MS

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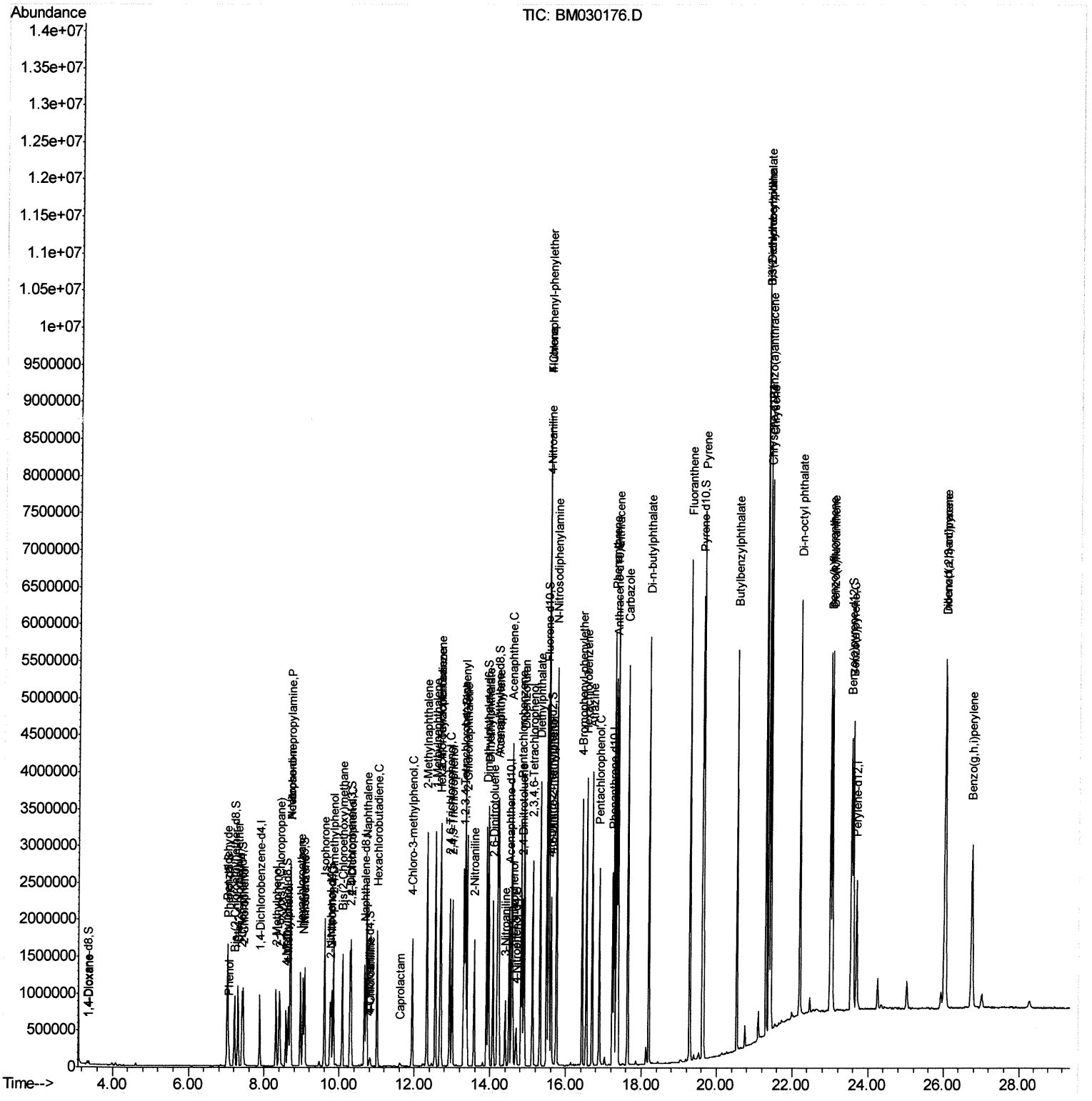

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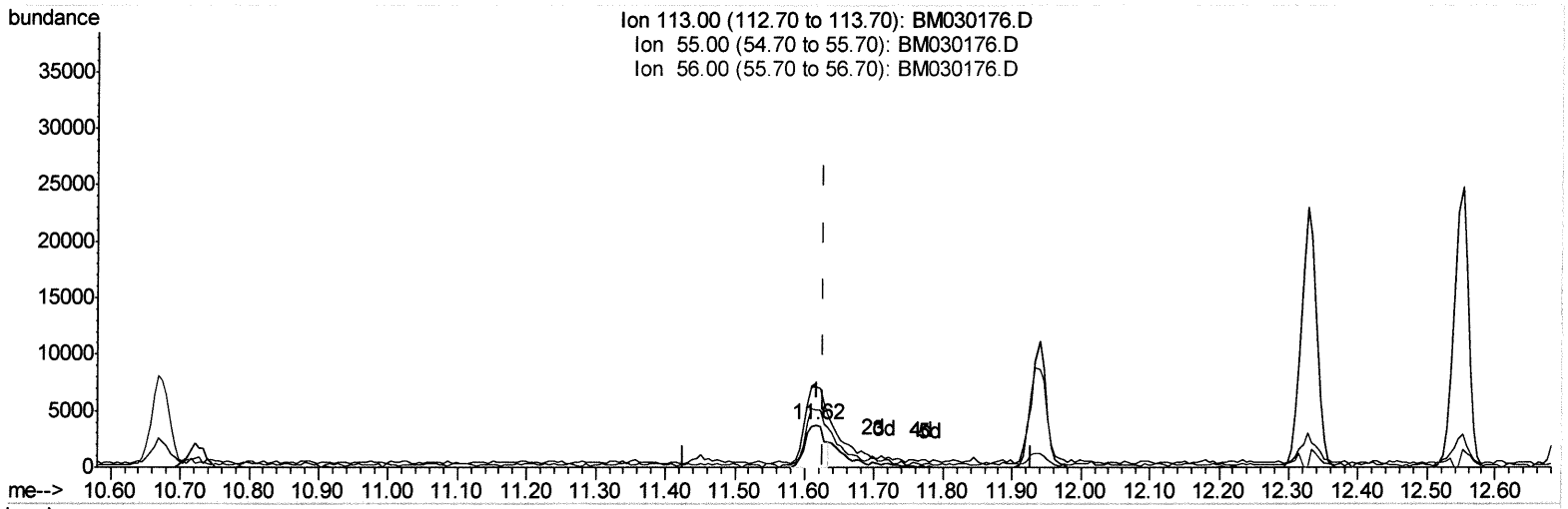

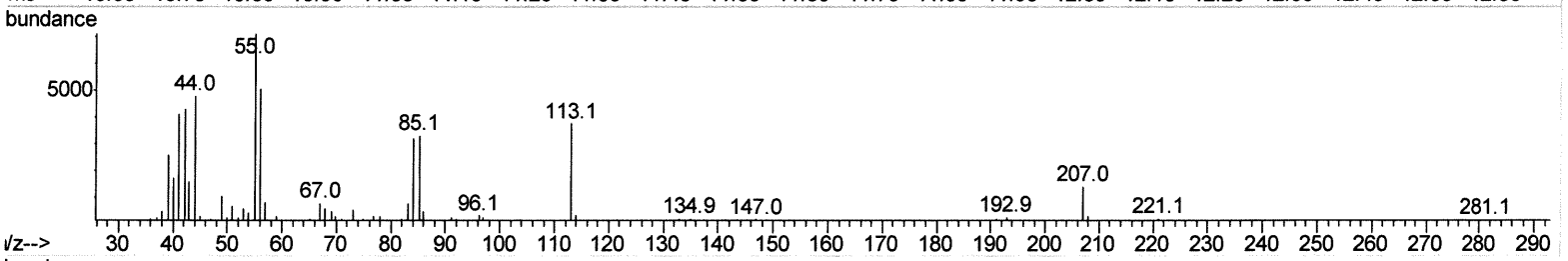

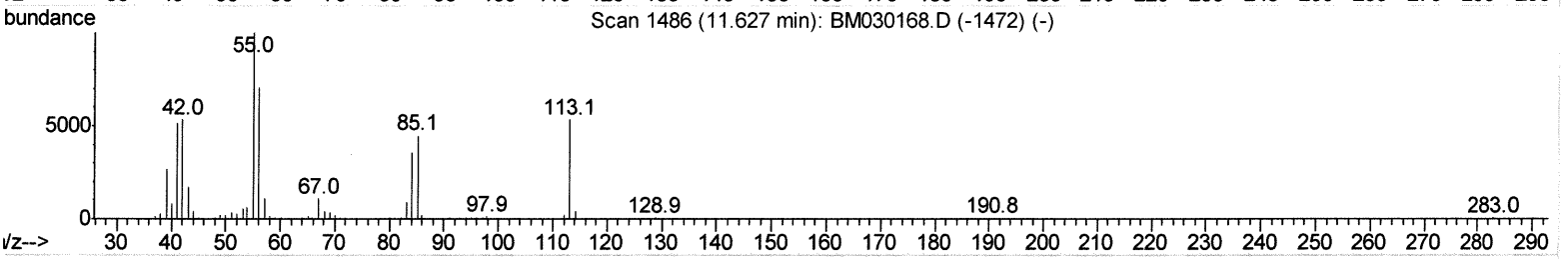

TIC: BM030176.D

(34) Caprolactam

11.616min (-0.012) 1.40ng/ul

response 7443

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	188.75
56.00	134.00	134.05
0.00	0.00	0.00

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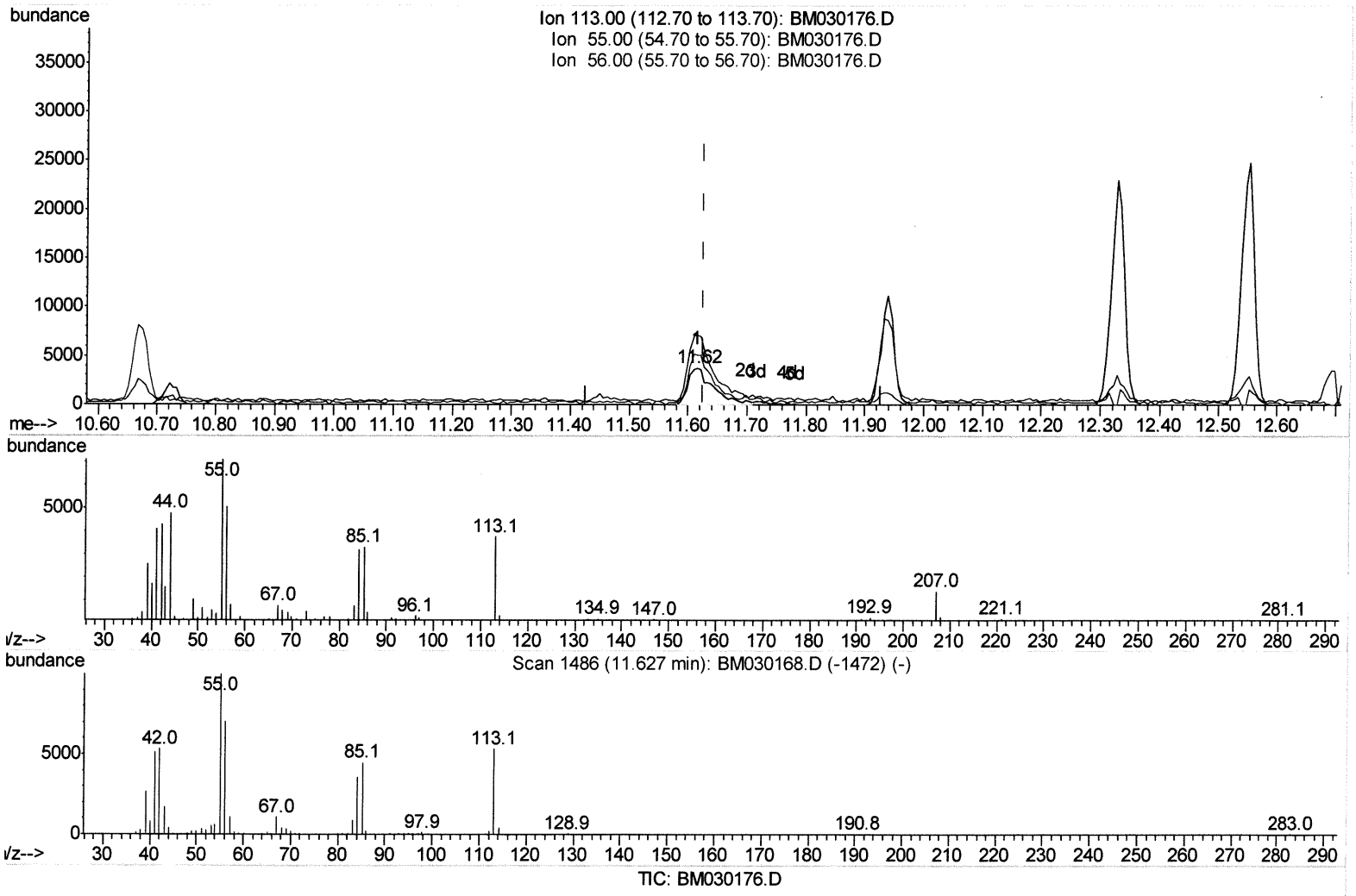

(34) Caprolactam

11.616min (-0.012) 2.10ng/ul m JY 5/28/21

response 11163

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	188.75
56.00	134.00	134.05
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	258560	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	1124363	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	757383	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1603242	20.00	ng/ul	0.00
79) Chrysene-d12	21.39	240	1435807	20.00	ng/ul	0.00
88) Perylene-d12	23.69	264	1218992	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	21979	3.48	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	7.03	99	140504	6.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.21	67	431232	30.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.41	132	435852	25.59	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	275188	15.24	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	269506	36.72	ng/ul	0.00
24) 2-Nitrophenol-d4	9.76	143	266630	38.15	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.29	165	571630	31.70	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	36885	1.38	ng/ul	0.00
46) Dimethylphthalate-d6	13.91	166	2136844	36.90	ng/ul	0.00
49) Acenaphthylene-d8	14.20	160	2552674	34.20	ng/ul	0.00
54) 4-Nitrophenol-d4	14.68	143	74156	7.93	ng/ul	0.00
60) Fluorene-d10	15.49	176	1861835	36.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	329771	42.43	ng/ul	0.00
73) Anthracene-d10	17.33	188	2966942	37.39	ng/ul	0.00
81) Pyrene-d10	19.62	212	3273169	42.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.54	264	2589146	37.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	19793	2.913	ng/uL	98
6) Benzaldehyde	7.02	77	496095	40.896	ng/ul	96
8) Phenol	7.06	94	169300	7.331	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.30	93	572332	30.875	ng/ul	98
12) 2-Chlorophenol	7.45	128	458047	26.267	ng/ul	98
13) 2-Methylphenol	8.31	108	332596	19.046	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.41	45	971858	31.551	ng/ul	99
16) Acetophenone	8.70	105	944867	32.385	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.69	70	509423	33.101	ng/ul	99
18) 4-Methylphenol	8.64	108	306890	16.321	ng/ul	100
19) Hexachloroethane	8.96	117	236426	31.666	ng/ul	99
22) Nitrobenzene	9.07	77	696217	35.042	ng/ul	99
23) Isophorone	9.60	82	1382467	33.000	ng/ul	100
25) 2-Nitrophenol	9.79	139	308284	39.063	ng/ul	99
26) 2,4-Dimethylphenol	9.84	107	569662	27.130	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.08	93	833466	32.459	ng/ul	99
29) 2,4-Dichlorophenol	10.32	162	561366	32.252	ng/ul	99
30) Naphthalene	10.72	128	2004180	32.489	ng/ul	99
32) 4-Chloroaniline	10.83	127	50268	1.813	ng/ul	99
33) Hexachlorobutadiene	11.01	225	385513	32.507	ng/ul	99
34) Caprolactam	11.62	113	11163m	2.100	ng/ul	> JU 5/28/21
35) 4-Chloro-3-methylphenol	11.94	107	543280	29.776	ng/ul	98

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.33	142	1542797	33.447	ng/ul	99
37) 1-Methylnaphthalene	12.55	142	1481117	33.029	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	835514	33.999	ng/ul	99
40) Hexachlorocyclopentadiene	12.68	237	493103	28.635	ng/ul	98
41) 2,4,6-Trichlorophenol	12.93	196	519435	37.660	ng/ul	96
42) 2,4,5-Trichlorophenol	13.00	196	571797	38.319	ng/ul	99
43) 1,1'-Biphenyl	13.34	154	2016378	33.383	ng/ul	99
44) 2-Chloronaphthalene	13.38	162	1563956	33.682	ng/ul	99
45) 2-Nitroaniline	13.58	65	442699	41.506	ng/ul	94
47) Dimethylphthalate	13.96	163	2287182	39.988	ng/ul	100
48) 2,6-Dinitrotoluene	14.07	165	425920	46.725	ng/ul	95
50) Acenaphthylene	14.23	152	2511515	34.845	ng/ul	100
51) 3-Nitroaniline	14.40	138	192463	18.116	ng/ul	97
52) Acenaphthene	14.56	153	1782495	35.010	ng/ul	100
53) 2,4-Dinitrophenol	14.60	184	209739	36.649	ng/ul	99
55) 4-Nitrophenol	14.69	109	58156	5.661	ng/ul	97
56) Dibenzofuran	14.90	168	2529689	35.897	ng/ul	99
57) 2,4-Dinitrotoluene	14.86	165	609031	46.068	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	545649	43.303	ng/ul	99
59) Diethylphthalate	15.32	149	2272947	39.232	ng/ul	99
61) Fluorene	15.54	166	2222046	37.165	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.54	204	1081562	36.893	ng/ul	100
63) 4-Nitroaniline	15.56	138	382273	34.993	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.62	198	342643	42.736	ng/ul#	95
67) N-Nitrosodiphenylamine	15.75	169	1978367	37.833	ng/ul	99
68) 4-Bromophenyl-phenylether	16.43	248	693094	38.409	ng/ul	98
69) Hexachlorobenzene	16.54	284	796731	38.626	ng/ul	99
70) Atrazine	16.70	200	705705	37.624	ng/ul	99
71) Pentachlorophenol	16.89	266	449502	35.684	ng/ul	99
72) Phenanthrene	17.28	178	3575395	38.054	ng/ul	100
74) Anthracene	17.37	178	3689042	38.277	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	791595	30.262	ng/uL	99
76) Pentachlorobenzene	14.82	250	843250	34.753	ng/uL	99
77) Carbazole	17.63	167	3363770	38.515	ng/ul	99
78) Di-n-butylphthalate	18.20	149	3978101	41.007	ng/ul	99
80) Fluoranthene	19.29	202	4142888	44.036	ng/ul	98
82) Pyrene	19.64	202	4242595	43.146	ng/ul	98
83) Butylbenzylphthalate	20.53	149	1557117	46.394	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.31	252	1283061	42.207	ng/ul	99
85) Benzo(a)anthracene	21.38	228	3704038	39.155	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.31	149	2322027	43.115	ng/ul	98
87) Chrysene	21.43	228	3552841	38.582	ng/ul	99
89) Di-n-octyl phthalate	22.20	149	3427980	43.735	ng/ul	100
90) Benzo(b)fluoranthene	23.00	252	3422689	41.899	ng/ul	99
91) Benzo(k)fluoranthene	23.04	252	3206048	39.799	ng/ul	99
93) Benzo(a)pyrene	23.59	252	2900350	40.225	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.03	276	3465665	38.373	ng/ul	100
95) Dibenzo(a,h)anthracene	26.04	278	2891242	38.291	ng/ul	98
96) Benzo(g,h,i)perylene	26.75	276	2795074	37.878	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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