Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017119.D
Acq On : 27 Oct 2021 09:25
Operator : CG/JU
Sample : PB140099BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 27 11:00:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:29:15 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS099

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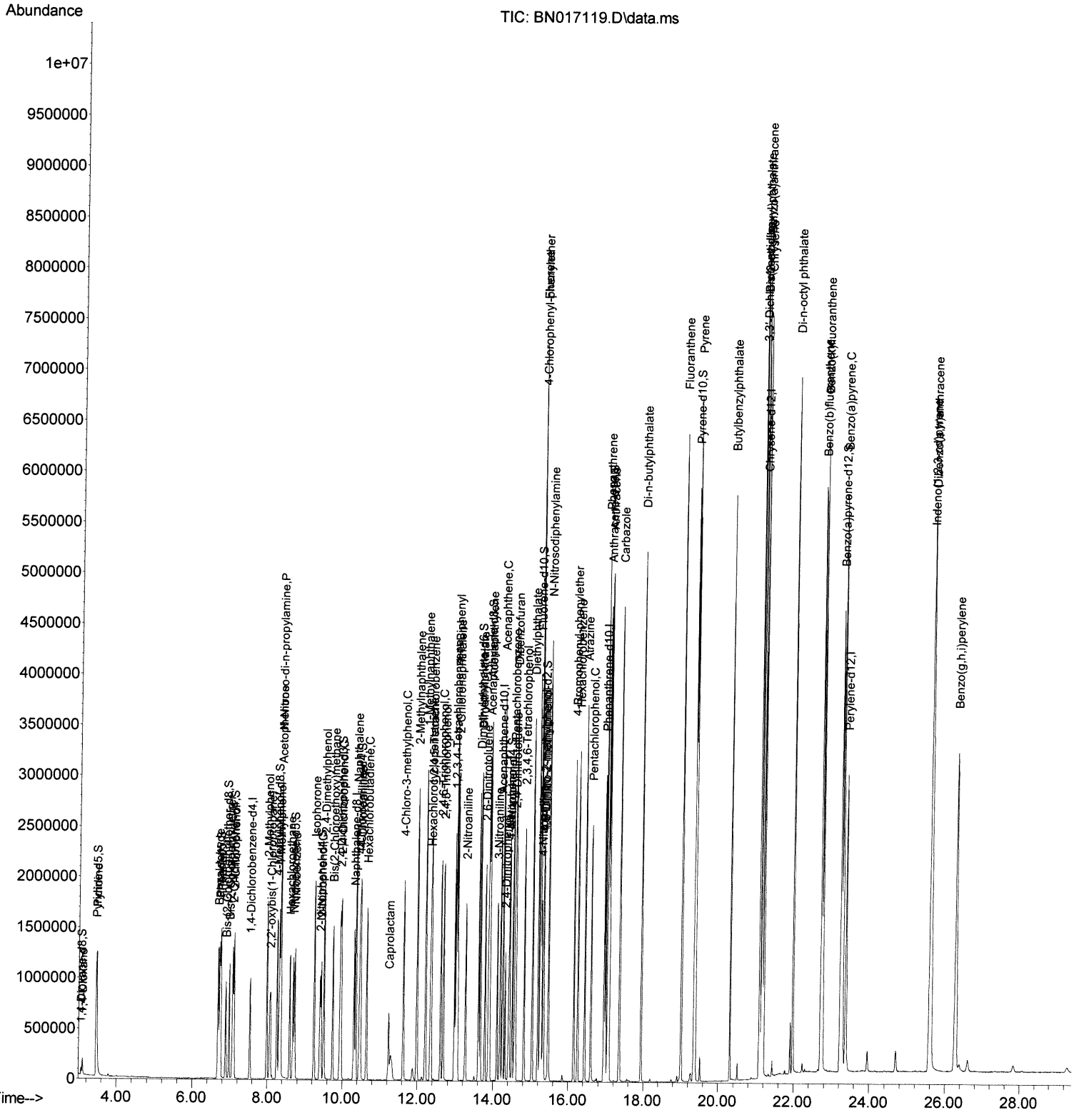

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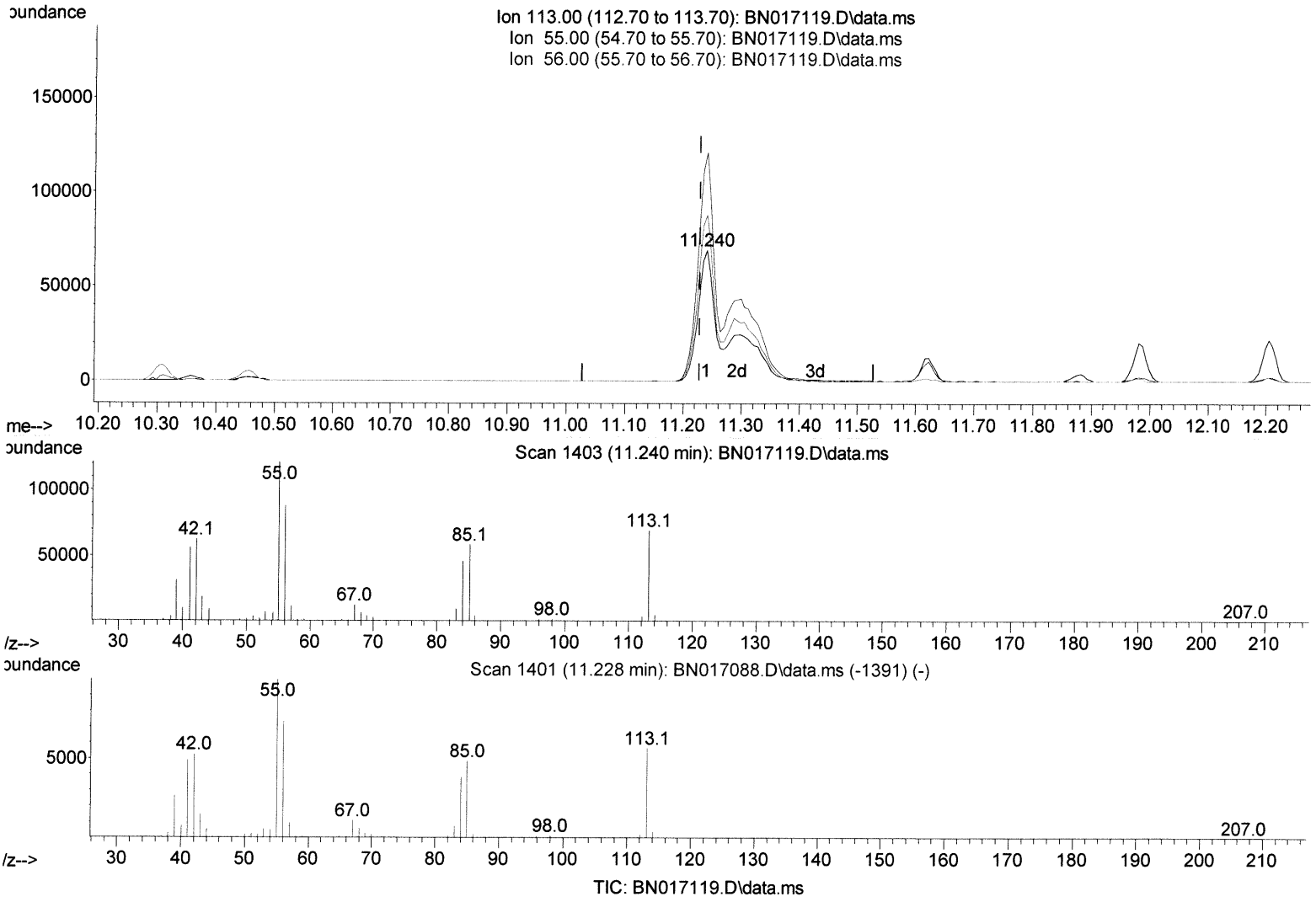

(34) Caprolactam

11.240min (+ 0.012) 19.74 ng/ul

response 136388

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	174.73
56.00	129.90	127.04
0.00	0.00	0.00

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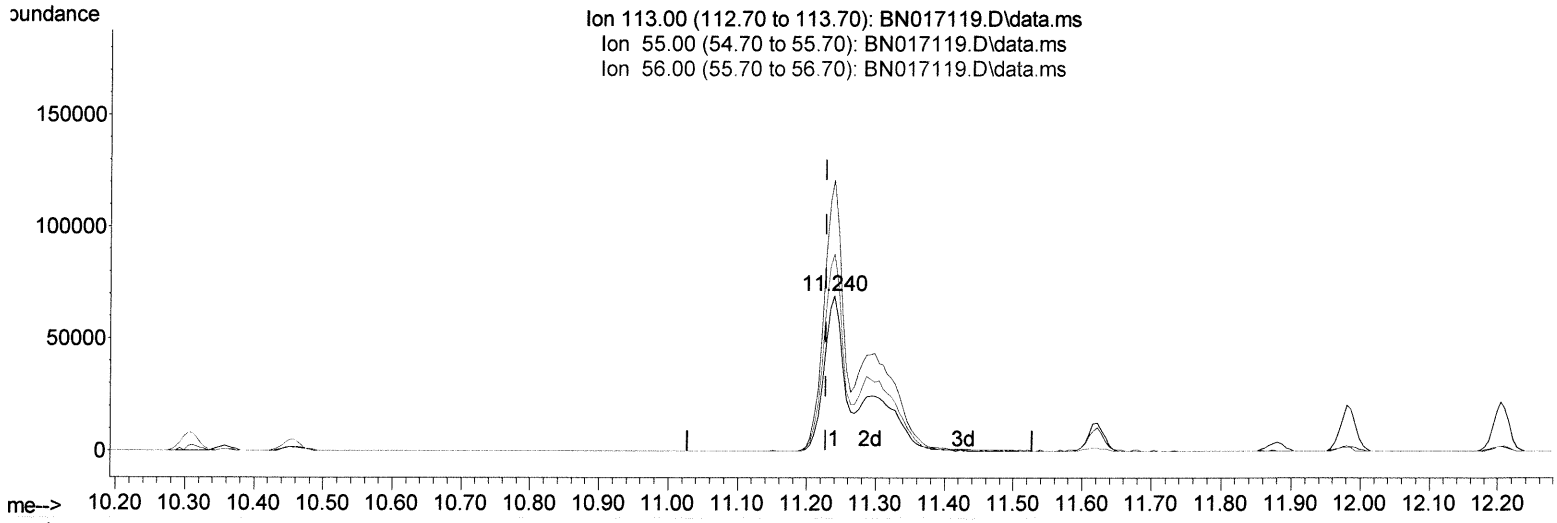

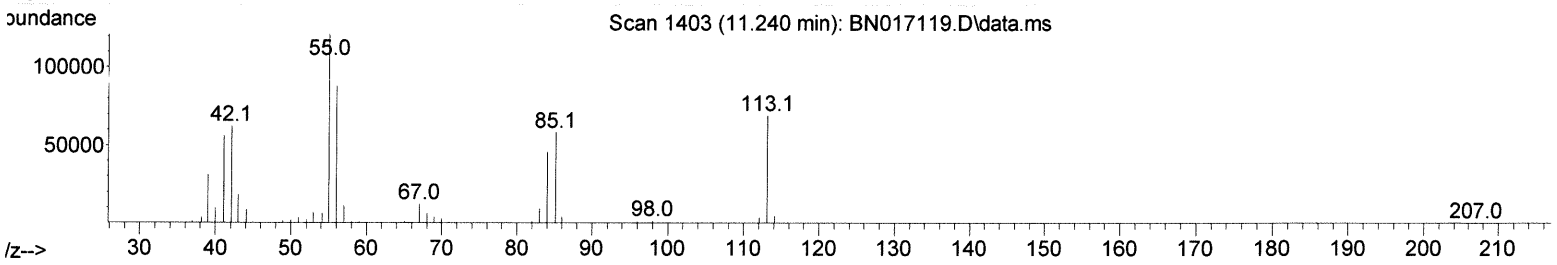

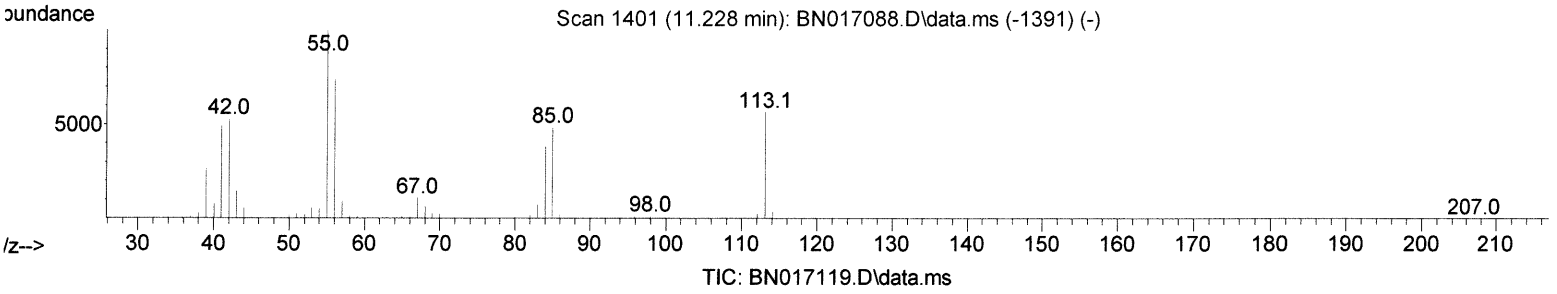

TIC: BN017119.D\data.ms

(34) Caprolactam

11.240min (+ 0.012) 33.25 ng/ul m 10/29/21 JU

response 229704

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	174.73
56.00	129.90	127.04
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	7.534	152	258971	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1230888	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.186	164	811624	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1730095	20.000	ng/ul	0.00
79) Chrysene-d12	21.157	240	1778698	20.000	ng/ul	0.00
88) Perylene-d12	23.368	264	1904669	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	37261	5.212	ng/uL	0.00
4) Pyridine-d5	3.458	84	517828	27.041	ng/ul	0.00
7) Phenol-d5	6.722	99	726102	30.173	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	414603	29.027	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	592031	31.284	ng/ul	0.00
15) 4-Methylphenol-d8	8.252	113	599462	30.516	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	290860	30.512	ng/ul	0.00
24) 2-Nitrophenol-d4	9.404	143	334188	31.667	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	578270	29.909	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	827222	28.727	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	1915300	31.522	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	2297673	29.998	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	401157	33.461	ng/ul	0.00
60) Fluorene-d10	15.192	176	1575703	30.362	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	355580	31.740	ng/ul	0.00
73) Anthracene-d10	17.045	188	2572395	30.796	ng/ul	0.00
81) Pyrene-d10	19.351	212	2992759	28.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.227	264	3183365	31.447	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	78340	11.081	ng/uL	95
5) Pyridine	3.475	79	544466	28.095	ng/ul	99
6) Benzaldehyde	6.681	77	426421	29.740	ng/ul	94
8) Phenol	6.752	94	757531	31.117	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.975	93	576867	30.157	ng/ul	98
12) 2-Chlorophenol	7.099	128	616782	31.516	ng/ul	98
13) 2-Methylphenol	7.987	108	578879	31.255	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.075	45	850929	30.322	ng/ul	100
16) Acetophenone	8.357	105	916021	31.463	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.351	70	460003	31.474	ng/ul	98
18) 4-Methylphenol	8.316	108	643068	31.428	ng/ul	99
19) Hexachloroethane	8.593	117	234712	31.142	ng/ul	96
22) Nitrobenzene	8.728	77	659015	30.744	ng/ul	98
23) Isophorone	9.251	82	1319262	30.313	ng/ul	99
25) 2-Nitrophenol	9.434	139	363295	31.617	ng/ul	100
26) 2,4-Dimethylphenol	9.510	107	682651	29.645	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.746	93	827373	29.722	ng/ul	100
29) 2,4-Dichlorophenol	9.963	162	588761	30.661	ng/ul	100
30) Naphthalene	10.357	128	1995832	29.802	ng/ul	99
32) 4-Chloroaniline	10.481	127	869452	30.520	ng/ul	98
33) Hexachlorobutadiene	10.646	225	335543	28.696	ng/ul	92
34) Caprolactam	11.240	113	229704m	> 33.245	ng/ul	> 10/29/21 JU
35) 4-Chloro-3-methylphenol	11.622	107	675317	31.610	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.981	142	1386731	29.993	ng/ul	97
37) 1-Methylnaphthalene	12.204	142	1408205	29.567	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.357	216	696835	29.457	ng/ul	98
40) Hexachlorocyclopentadiene	12.340	237	401741	26.721	ng/ul	99
41) 2,4,6-Trichlorophenol	12.610	196	483824	31.543	ng/ul	98
42) 2,4,5-Trichlorophenol	12.681	196	541197	31.685	ng/ul	100
43) 1,1'-Biphenyl	13.016	154	1877393	29.876	ng/ul	98
44) 2-Chloronaphthalene	13.051	162	1425007	29.775	ng/ul	98
45) 2-Nitroaniline	13.269	65	447431	34.344	ng/ul	98
47) Dimethylphthalate	13.663	163	1917955	31.431	ng/ul	100
48) 2,6-Dinitrotoluene	13.781	165	409995	34.216	ng/ul	99
50) Acenaphthylene	13.904	152	2411601	30.741	ng/ul	100
51) 3-Nitroaniline	14.104	138	440293	31.747	ng/ul	99
52) Acenaphthene	14.251	153	1559223	30.737	ng/ul	96
53) 2,4-Dinitrophenol	14.316	184	252783	32.983	ng/ul	97
55) 4-Nitrophenol	14.434	109	288743	34.130	ng/ul	100
56) Dibenzofuran	14.592	168	2219607	30.646	ng/ul	99
57) 2,4-Dinitrotoluene	14.569	165	606398	35.091	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.822	232	456712	32.390	ng/ul	99
59) Diethylphthalate	15.039	149	1992646	32.747	ng/ul	99
61) Fluorene	15.245	166	1793164	31.408	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	867601	30.905	ng/ul	99
63) 4-Nitroaniline	15.281	138	476824	34.794	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.339	198	370035	33.105	ng/ul	99
67) N-Nitrosodiphenylamine	15.469	169	1619225	30.748	ng/ul	97
68) 4-Bromophenyl-phenylether	16.145	248	574761	31.175	ng/ul	98
69) Hexachlorobenzene	16.245	284	675932	31.505	ng/ul	100
70) Atrazine	16.433	200	614621	31.808	ng/ul	98
71) Pentachlorophenol	16.598	266	425041	33.000	ng/ul	98
72) Phenanthrene	16.986	178	3011466	31.592	ng/ul	98
74) Anthracene	17.080	178	2991551	30.990	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.975	216	696635	27.544	ng/uL	93
76) Pentachlorobenzene	14.510	250	735609	28.721	ng/uL	94
77) Carbazole	17.357	167	2897193	33.994	ng/ul	100
78) Di-n-butylphthalate	17.939	149	3528377	35.023	ng/ul	100
80) Fluoranthene	19.016	202	3642642	29.241	ng/ul	99
82) Pyrene	19.380	202	3722244	29.192	ng/ul	99
83) Butylbenzylphthalate	20.310	149	1663800	35.044	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.086	252	1284626	32.444	ng/ul	92
85) Benzo(a)anthracene	21.145	228	3687823	31.495	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.098	149	2510870	35.041	ng/ul	98
87) Chrysene	21.198	228	3649040	31.619	ng/ul	100
89) Di-n-octyl phthalate	21.974	149	4381548	31.474	ng/ul	100
90) Benzo(b)fluoranthene	22.710	252	4052954	31.519	ng/ul	99
91) Benzo(k)fluoranthene	22.751	252	3791710	30.315	ng/ul	100
93) Benzo(a)pyrene	23.274	252	3865133	31.239	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.598	276	4350217	34.466	ng/ul	98
95) Dibenzo(a,h)anthracene	25.615	278	3758102	35.224	ng/ul	98
96) Benzo(g,h,i)perylene	26.280	276	3703085	35.039	ng/ul	99

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