Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015170.D
Acq On : 28 Jun 2021 11:45
Operator : CG/JU
Sample : PB137314BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 28 12:14:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS314

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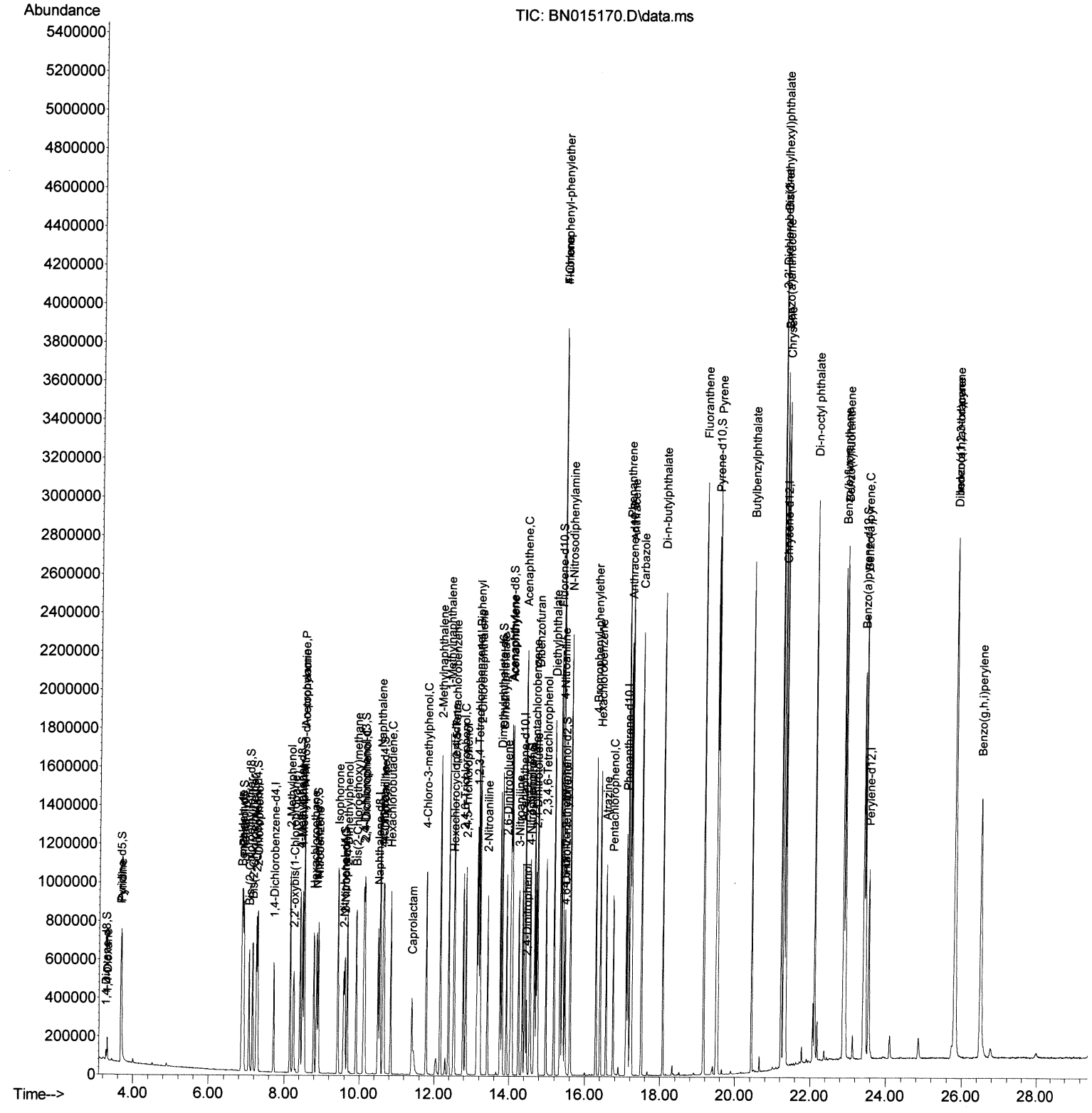

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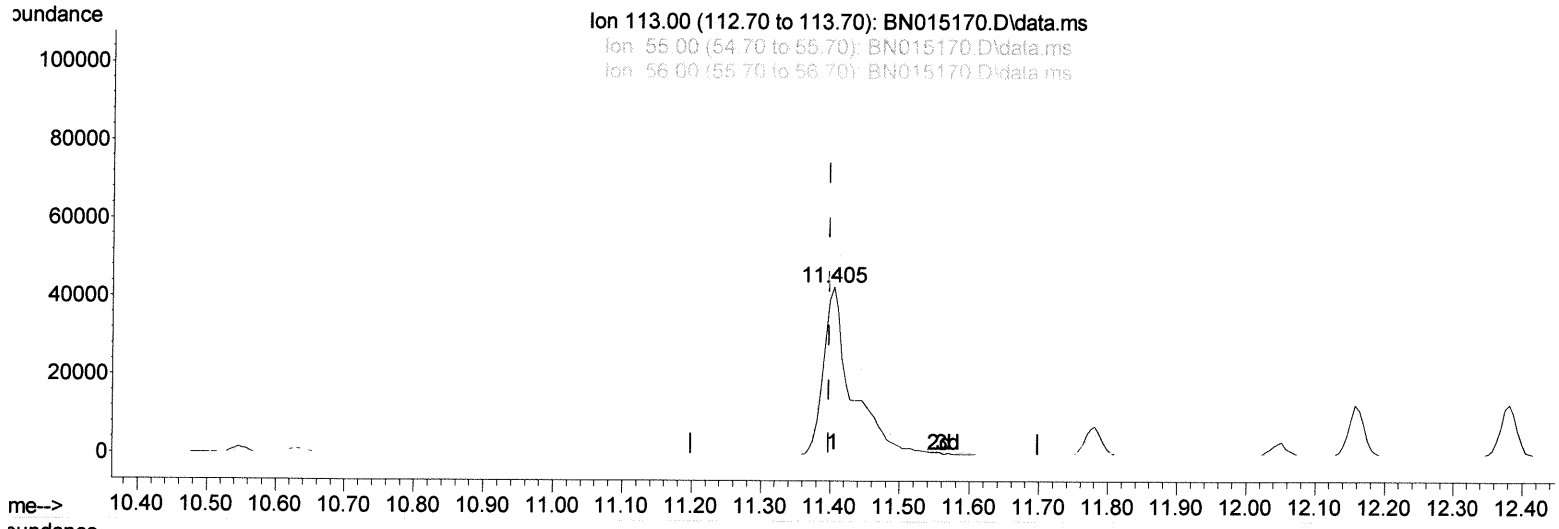

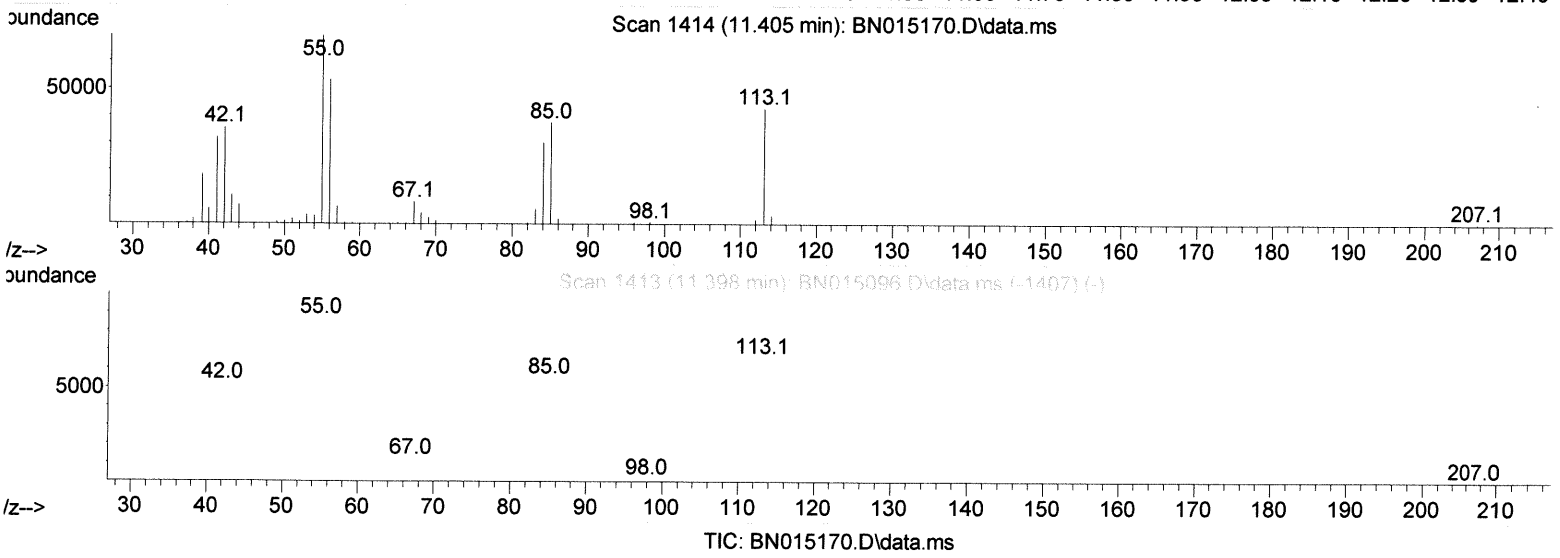

TIC: BN015170.D\data.ms

(34) Caprolactam

11.405min (+ 0.006) 29.16 ng/ul

response 87706

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.50	162.33
56.00	117.70	124.54
0.00	0.00	0.00

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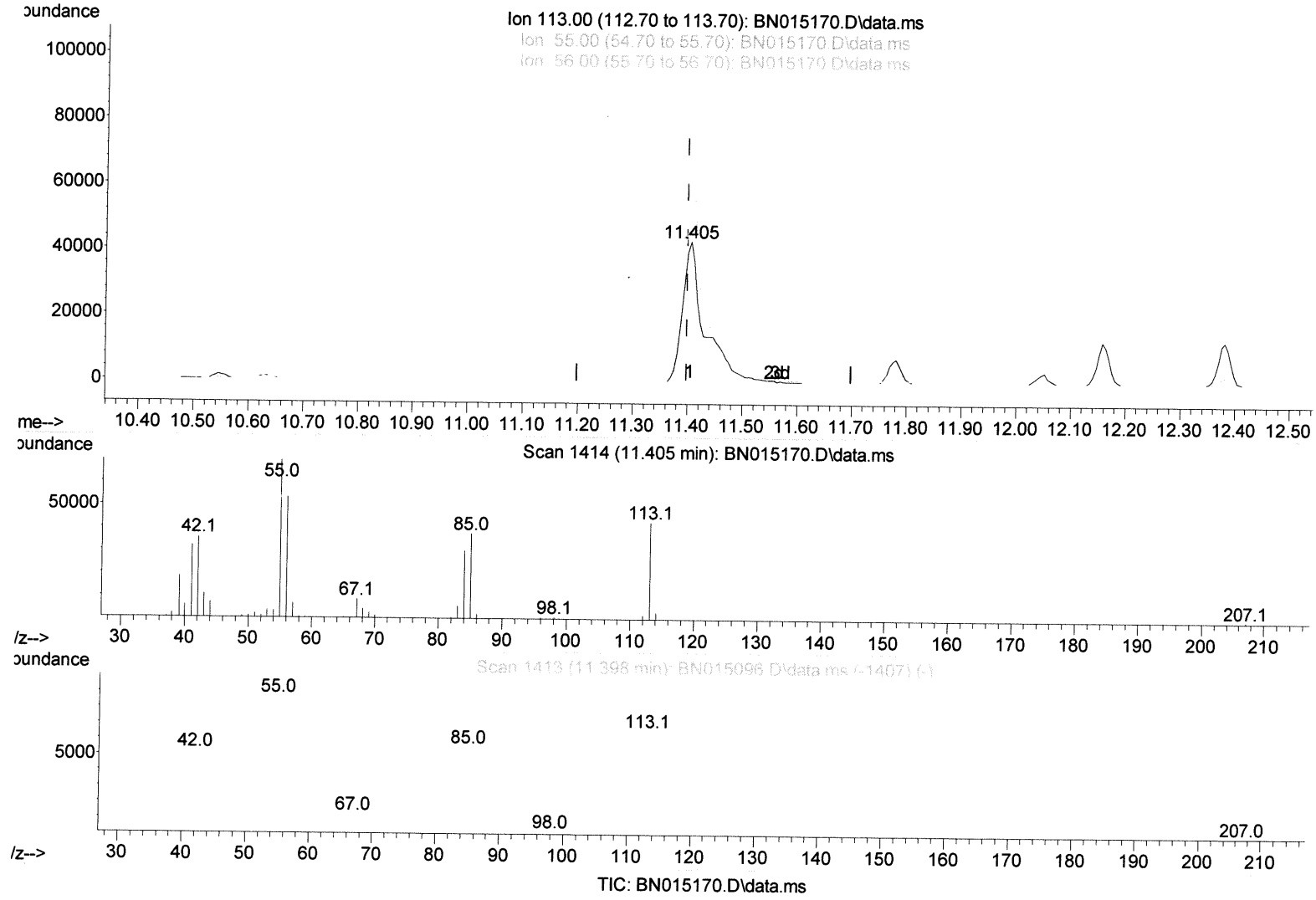

(34) Caprolactam

11.405min (+ 0.006) 39.89 ng/ul m

response 119992

JG 6/30/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.50	162.33
56.00	117.70	124.54
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	7.722	152	154981	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	628731	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	363954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	728658	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	706365	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	654263	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	24167	6.067	ng/uL	0.00
4) Pyridine-d5	3.670	84	286472	26.678	ng/ul	0.00
7) Phenol-d5	6.893	99	474672	35.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	273526	34.625	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	366035	35.887	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	351124	33.822	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	181196	42.130	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	171206	44.689	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	344086	38.052	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	452031	32.257	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	988396	39.549	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	1276215	39.337	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	184298	42.278	ng/ul	0.00
60) Fluorene-d10	15.345	176	850546	39.119	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	118229	39.287	ng/ul	0.00
73) Anthracene-d10	17.198	188	1243091	37.273	ng/ul	0.00
81) Pyrene-d10	19.498	212	1384535	37.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1423238	44.065	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	58686	14.297	ng/uL	95
5) Pyridine	3.693	79	320380	28.677	ng/ul	97
6) Benzaldehyde	6.869	77	284478	45.473	ng/ul	93
8) Phenol	6.922	94	482739	35.400	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.152	93	378852	35.168	ng/ul	98
12) 2-Chlorophenol	7.293	128	368080	35.665	ng/ul	99
13) 2-Methylphenol	8.158	108	349000	34.276	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	487949	34.772	ng/ul	99
16) Acetophenone	8.534	105	571672	36.352	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	280523	36.417	ng/ul	98
18) 4-Methylphenol	8.481	108	382076	34.989	ng/ul	100
19) Hexachloroethane	8.793	117	147490	34.963	ng/ul	98
22) Nitrobenzene	8.911	77	427192	40.684	ng/ul	99
23) Isophorone	9.428	82	788799	38.199	ng/ul	99
25) 2-Nitrophenol	9.616	139	190309	44.812	ng/ul	98
26) 2,4-Dimethylphenol	9.675	107	300497	27.293	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.916	93	489559	37.158	ng/ul	99
29) 2,4-Dichlorophenol	10.146	162	339431	38.539	ng/ul	99
30) Naphthalene	10.546	128	1177190	36.692	ng/ul	100
32) 4-Chloroaniline	10.652	127	446846	32.443	ng/ul	100
33) Hexachlorobutadiene	10.834	225	190997	34.935	ng/ul	96
34) Caprolactam	11.405	113	119992m	39.892	ng/ul	> JU 6/30/21
35) 4-Chloro-3-methylphenol	11.781	107	379706	39.399	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.163	142	814838	36.687	ng/ul	98
37) 1-Methylnaphthalene	12.381	142	794919	35.718	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.534	216	391694	38.555	ng/ul	94
40) Hexachlorocyclopentadiene	12.516	237	137823	24.858	ng/ul	100
41) 2,4,6-Trichlorophenol	12.775	196	243978	41.073	ng/ul	96
42) 2,4,5-Trichlorophenol	12.846	196	268647	40.706	ng/ul	99
43) 1,1'-Biphenyl	13.181	154	1036626	39.470	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	802234	39.215	ng/ul	99
45) 2-Nitroaniline	13.422	65	244630	51.398	ng/ul	97
47) Dimethylphthalate	13.810	163	1000017	41.342	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	207398	50.961	ng/ul	94
50) Acenaphthylene	14.069	152	1209000	39.492	ng/ul	98
51) 3-Nitroaniline	14.251	138	231759	50.365	ng/ul#	93
52) Acenaphthene	14.416	153	864396	40.135	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	71114	38.053	ng/ul	99
55) 4-Nitrophenol	14.557	109	143267	45.069	ng/ul	96
56) Dibenzofuran	14.751	168	1211551	40.051	ng/ul	96
57) 2,4-Dinitrotoluene	14.716	165	299350	52.747	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.975	232	211701	43.762	ng/ul	99
59) Diethylphthalate	15.181	149	1018035	42.160	ng/ul	99
61) Fluorene	15.398	166	961654	40.159	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	455111	39.998	ng/ul	99
63) 4-Nitroaniline	15.416	138	238266	55.645	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.481	198	122220	40.185	ng/ul	93
67) N-Nitrosodiphenylamine	15.610	169	848858	40.163	ng/ul	99
68) 4-Bromophenyl-phenylether	16.293	248	284651	40.582	ng/ul	97
69) Hexachlorobenzene	16.404	284	320677	40.796	ng/ul	96
70) Atrazine	16.563	200	176813	24.043	ng/ul	99
71) Pentachlorophenol	16.745	266	150984	36.715	ng/ul	94
72) Phenanthrene	17.140	178	1578453	41.043	ng/ul	99
74) Anthracene	17.228	178	1525741	38.645	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.146	216	393700	38.153	ng/uL	97
76) Pentachlorobenzene	14.669	250	364277	36.869	ng/uL	98
77) Carbazole	17.498	167	1414830	39.759	ng/ul	96
78) Di-n-butylphthalate	18.075	149	1737271	42.887	ng/ul	100
80) Fluoranthene	19.163	202	1769673	39.597	ng/ul	99
82) Pyrene	19.528	202	1806053	38.771	ng/ul	100
83) Butylbenzylphthalate	20.439	149	738485	44.477	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.222	252	469129	32.251	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1724761	39.477	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.228	149	1100052	41.369	ng/ul	98
87) Chrysene	21.339	228	1700177	39.518	ng/ul	97
89) Di-n-octyl phthalate	22.110	149	1909730	46.674	ng/ul	100
90) Benzo(b)fluoranthene	22.875	252	1719606	43.646	ng/ul	96
91) Benzo(k)fluoranthene	22.922	252	1727788	43.330	ng/ul	97
93) Benzo(a)pyrene	23.457	252	1580111	44.125	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.816	276	1943841	44.741	ng/ul	99
95) Dibenzo(a,h)anthracene	25.821	278	1614088	44.823	ng/ul	99
96) Benzo(g,h,i)perylene	26.498	276	1605247	42.743	ng/ul	99

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