Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015899.D
Acq On : 17 Aug 2021 14:25
Operator : CG/JU
Sample : PB138400BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 17 16:08:35 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 :
SLCS400

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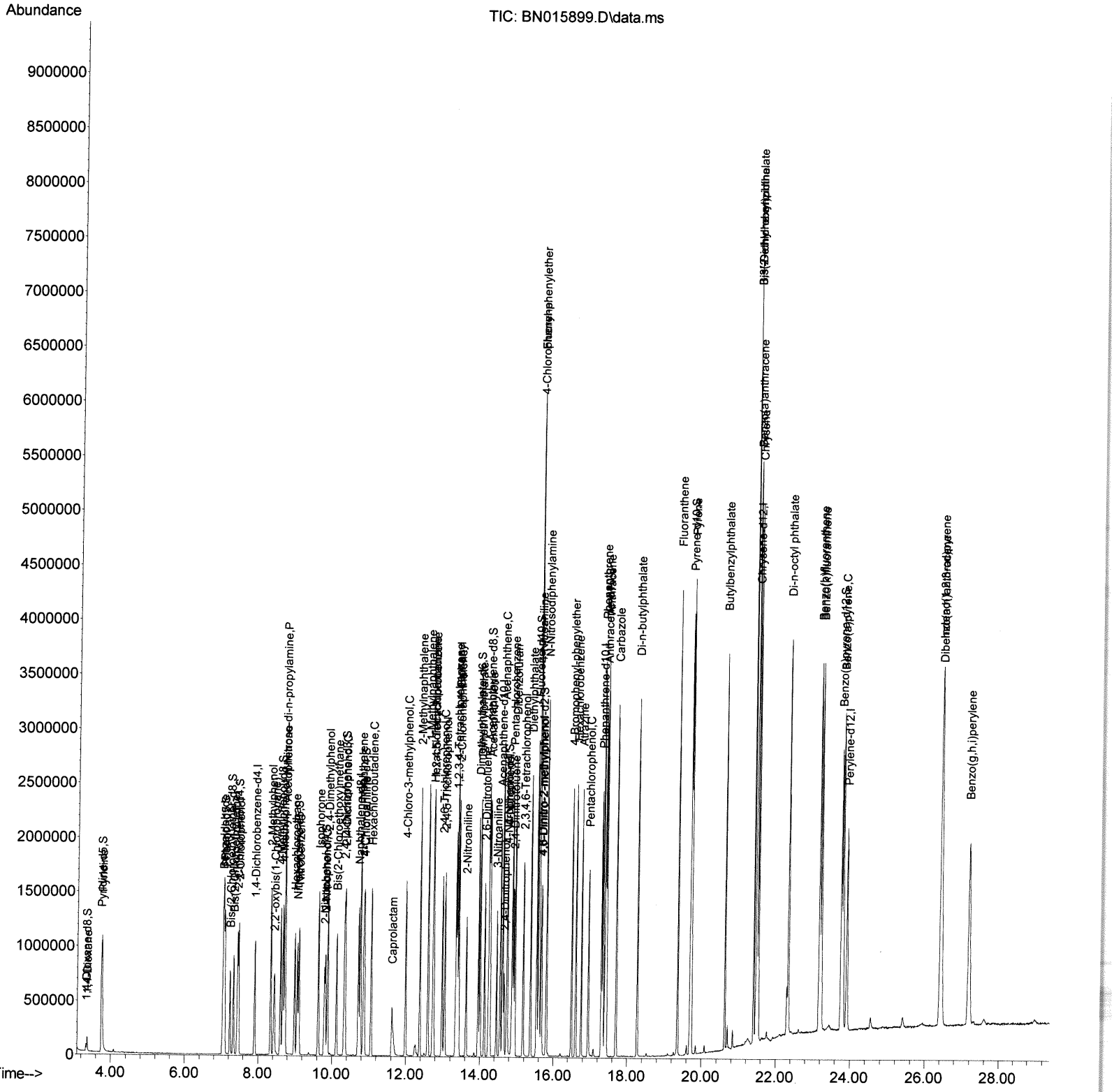

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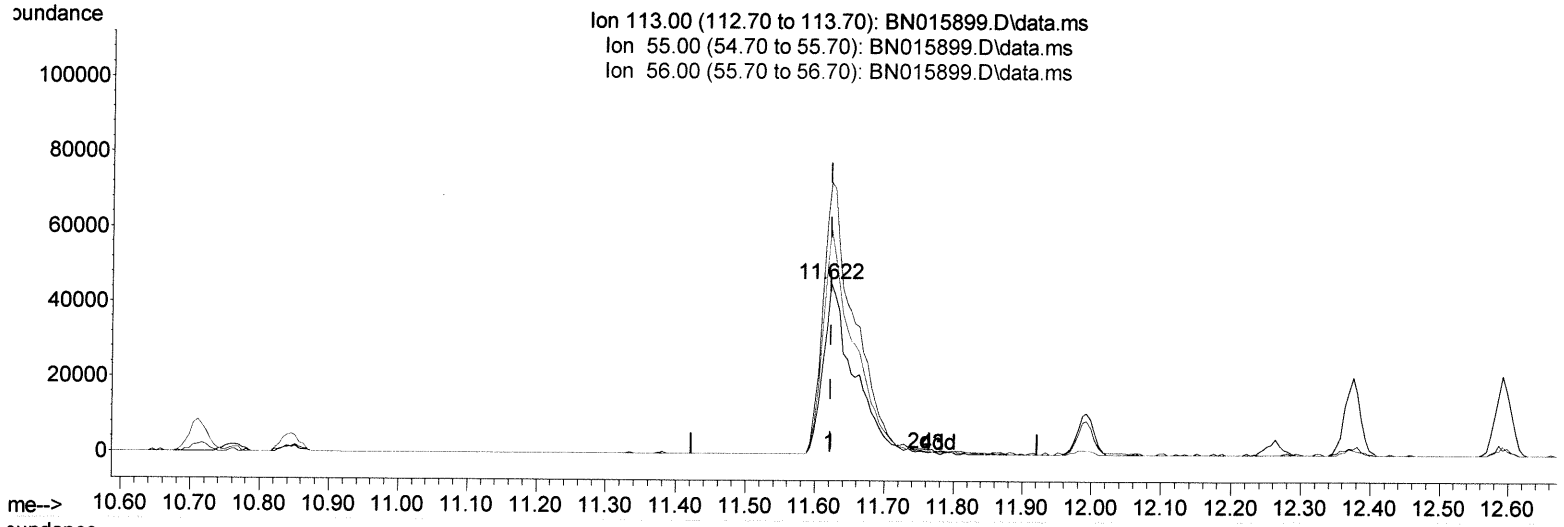

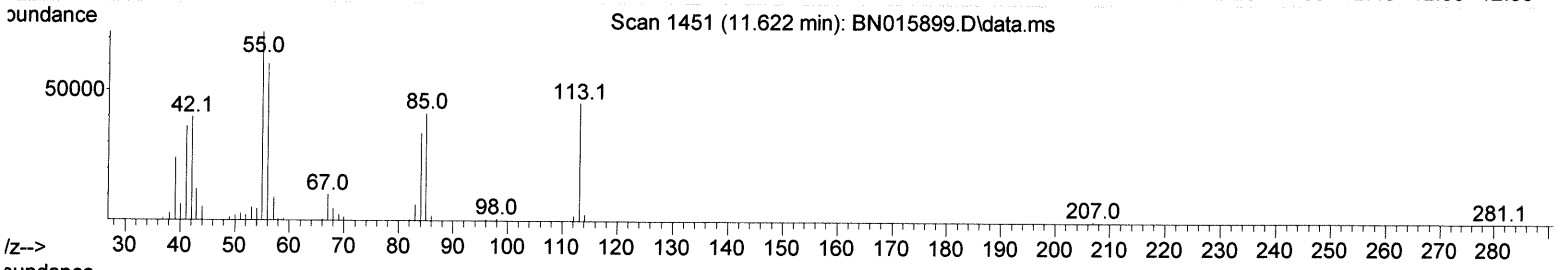

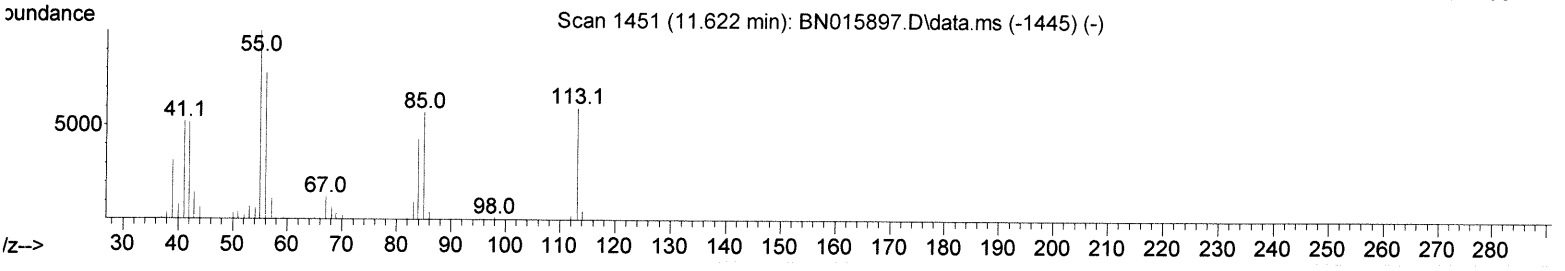

TIC: BN015899.D\data.ms

(34) Caprolactam

11.622min (-0.000) 20.73 ng/ul

response 105200

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	159.28
56.00	127.80	132.19
0.00	0.00	0.00

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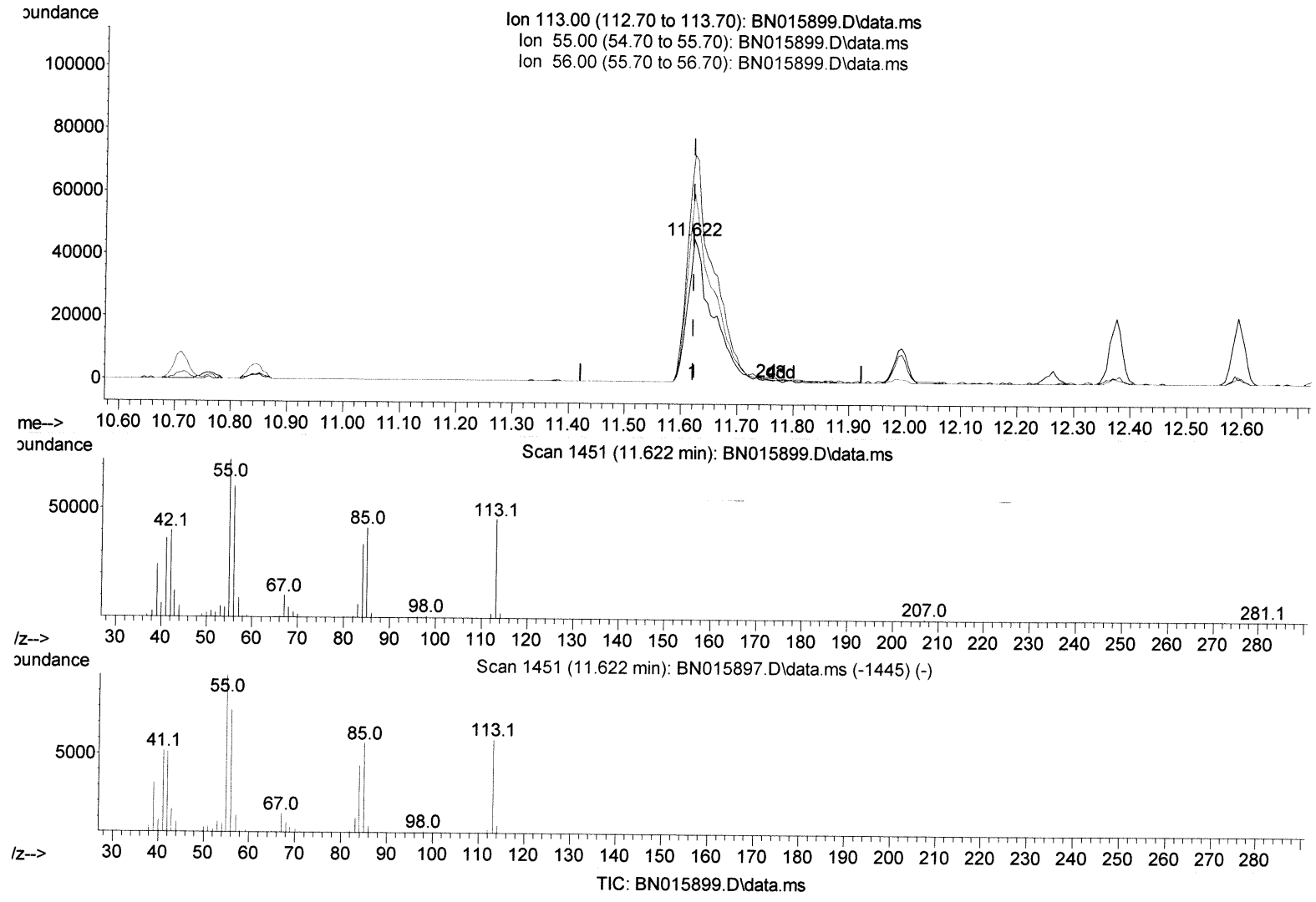

(34) Caprolactam

11.622min (-0.000) 27.36 ng/ul m

response 138882

JU 8/19/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	159.28
56.00	127.80	132.19
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	7.905	152	272093	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1102258	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	695024	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1426442	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1400958	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1392627	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	30868	4.419	ng/uL	0.00
4) Pyridine-d5	3.740	84	440989	22.589	ng/ul	0.00
7) Phenol-d5	7.058	99	591649	24.039	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	360236	23.772	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	456499	26.066	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	480967	25.125	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	221432	27.294	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	223376	29.420	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	442762	26.948	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	607460	24.289	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1344142	26.389	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	1729690	27.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	235054	26.091	ng/ul	0.00
60) Fluorene-d10	15.545	176	1135213	25.550	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	206530	27.111	ng/ul	0.00
73) Anthracene-d10	17.398	188	1819902	27.220	ng/ul	0.00
81) Pyrene-d10	19.692	212	2052502	27.200	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	1985898	26.374	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	70654	9.839	ng/uL	93
5) Pyridine	3.758	79	472572	23.479	ng/ul	96
6) Benzaldehyde	7.034	77	431127	34.044	ng/ul	96
8) Phenol	7.081	94	648688	25.854	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	503918	25.636	ng/ul	99
12) 2-Chlorophenol	7.463	128	498197	27.675	ng/ul	99
13) 2-Methylphenol	8.340	108	481673	26.208	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	618066	24.621	ng/ul	98
16) Acetophenone	8.728	105	796952	25.798	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	414129	27.452	ng/ul	98
18) 4-Methylphenol	8.669	108	507175	25.784	ng/ul	89
19) Hexachloroethane	8.987	117	219108	26.803	ng/ul	95
22) Nitrobenzene	9.104	77	632352	27.565	ng/ul	100
23) Isophorone	9.634	82	1092841	27.383	ng/ul	97
25) 2-Nitrophenol	9.822	139	260914	31.511	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	597234	27.004	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.122	93	659693	26.911	ng/ul	96
29) 2,4-Dichlorophenol	10.351	162	462648	28.559	ng/ul	99
30) Naphthalene	10.763	128	1581820	26.795	ng/ul	99
32) 4-Chloroaniline	10.869	127	615057	24.909	ng/ul	97
33) Hexachlorobutadiene	11.051	225	343562	27.602	ng/ul	96
34) Caprolactam	11.622	113	138882m	27.363	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	551842	28.759	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	1121286	27.313 ng/ul	96
37) 1-Methylnaphthalene	12.593	142	1102248	26.974 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	620829	27.611 ng/ul	97
40) Hexachlorocyclopentadiene	12.728	237	380451	26.099 ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	359837	29.268 ng/ul	95
42) 2,4,5-Trichlorophenol	13.045	196	396990	29.576 ng/ul	97
43) 1,1'-Biphenyl	13.387	154	1437789	26.753 ng/ul	98
44) 2-Chloronaphthalene	13.428	162	1108898	26.721 ng/ul	99
45) 2-Nitroaniline	13.622	65	359351	30.560 ng/ul	93
47) Dimethylphthalate	14.004	163	1410429	27.933 ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	278446	30.451 ng/ul	92
50) Acenaphthylene	14.269	152	1628808	26.861 ng/ul	99
51) 3-Nitroaniline	14.445	138	280616	28.542 ng/ul	98
52) Acenaphthene	14.616	153	1177374	26.843 ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	135096	26.589 ng/ul	96
55) 4-Nitrophenol	14.745	109	252454	28.638 ng/ul	96
56) Dibenzofuran	14.945	168	1672647	27.584 ng/ul	100
57) 2,4-Dinitrotoluene	14.910	165	399732	30.350 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	335234	30.183 ng/ul#	94
59) Diethylphthalate	15.369	149	1463381	28.983 ng/ul	99
61) Fluorene	15.598	166	1370278	27.692 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	727058	28.177 ng/ul	98
63) 4-Nitroaniline	15.610	138	303693	32.238 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	209716	27.679 ng/ul	95
67) N-Nitrosodiphenylamine	15.804	169	1158602	27.828 ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	432503	28.255 ng/ul	93
69) Hexachlorobenzene	16.604	284	500681	27.990 ng/ul	96
70) Atrazine	16.757	200	414635	27.456 ng/ul	97
71) Pentachlorophenol	16.945	266	283222	28.223 ng/ul	94
72) Phenanthrene	17.339	178	2157026	27.816 ng/ul	99
74) Anthracene	17.433	178	2191538	27.682 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	628230	27.961 ng/uL	98
76) Pentachlorobenzene	14.869	250	601145	27.486 ng/uL	95
77) Carbazole	17.698	167	1914179	27.500 ng/ul	99
78) Di-n-butylphthalate	18.269	149	2327881	29.413 ng/ul	100
80) Fluoranthene	19.357	202	2542175	27.844 ng/ul	99
82) Pyrene	19.722	202	2624277	27.618 ng/ul	97
83) Butylbenzylphthalate	20.622	149	984598	30.813 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	902284	31.452 ng/ul	99
85) Benzo(a)anthracene	21.469	228	2515358	27.905 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	1535403	30.297 ng/ul	98
87) Chrysene	21.521	228	2436894	27.923 ng/ul	99
89) Di-n-octyl phthalate	22.339	149	2524014	28.636 ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	2544773	27.794 ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	2548225	27.954 ng/ul	98
93) Benzo(a)pyrene	23.798	252	2272522	27.419 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.427	276	2859246	27.823 ng/ul	98
95) Dibenzo(a,h)anthracene	26.445	278	2404677	28.344 ng/ul	95
96) Benzo(g,h,i)perylene	27.192	276	2364988	27.834 ng/ul	98

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