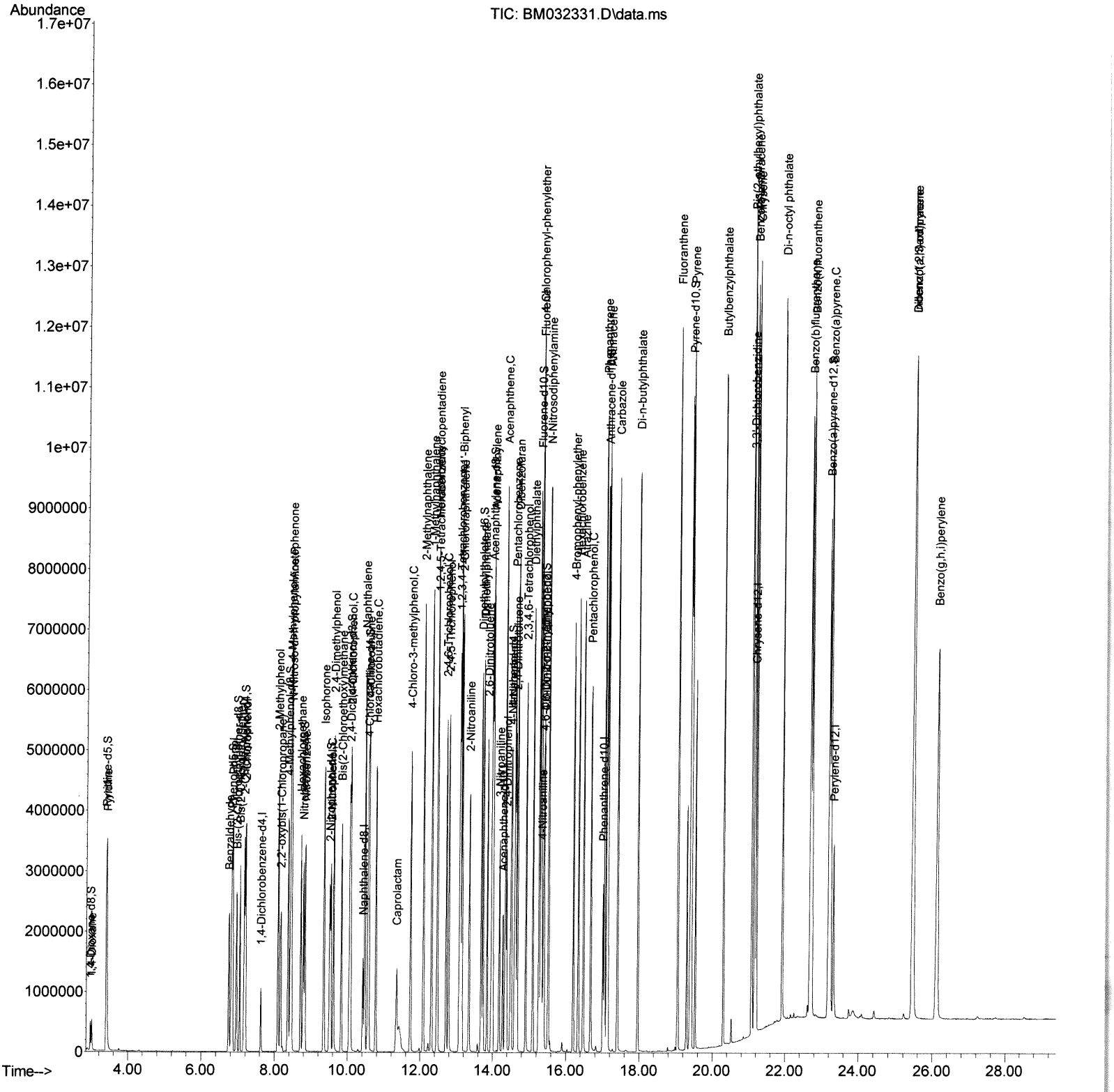
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100521\
Data File : BM032331.D
Acq On : 05 Oct 2021 17:24
Operator : CG/JU
Sample : SSTD08050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 05 17:54:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 05 15:29:16 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080001

Manual Integrations APPROVED
mohammad
10/8/2021 8:33:32 AM



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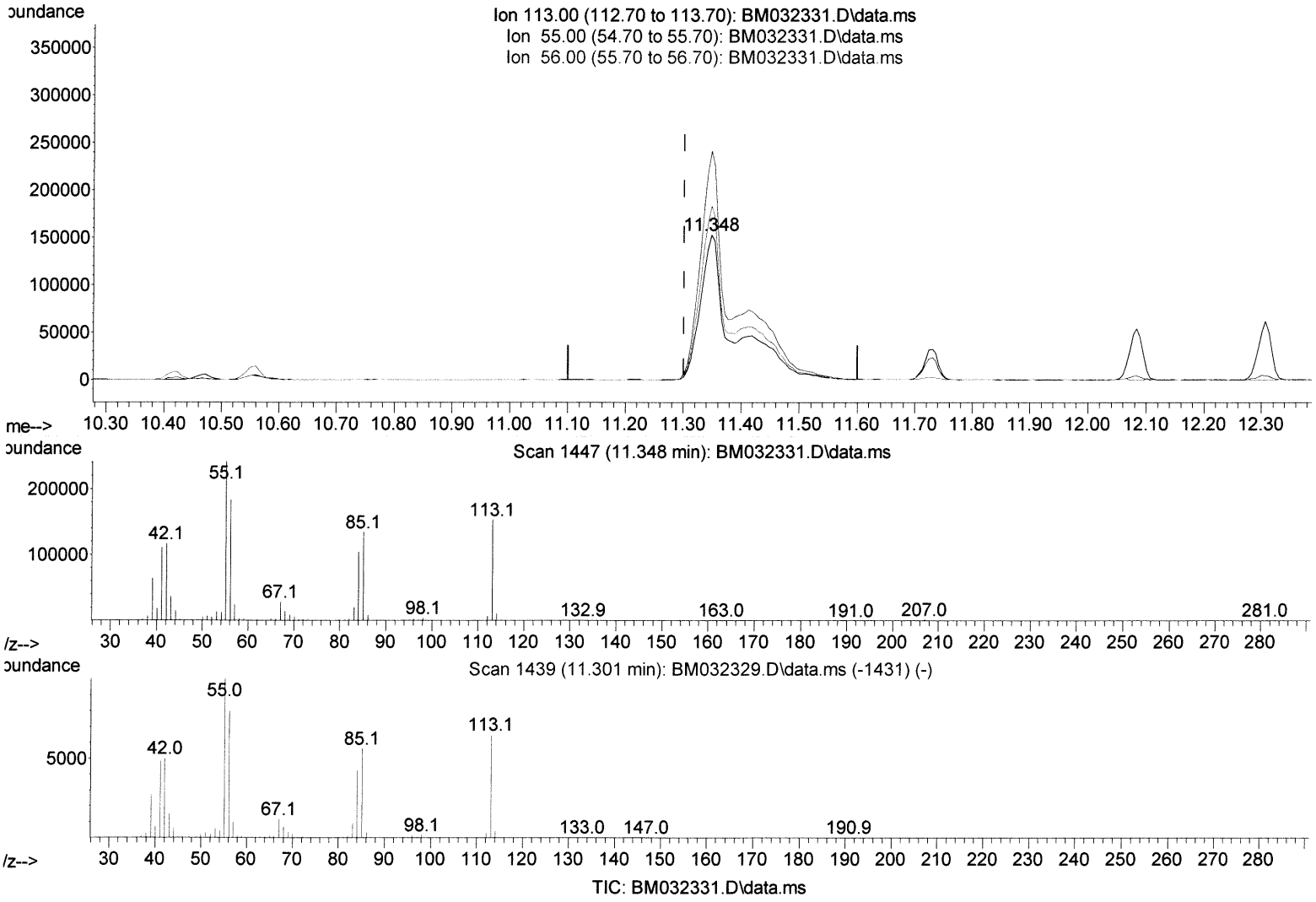

(34) Caprolactam

11.348min (+ 0.047) 59.95 ng/ul

response 393991

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	157.72
56.00	123.20	119.78
0.00	0.00	0.00

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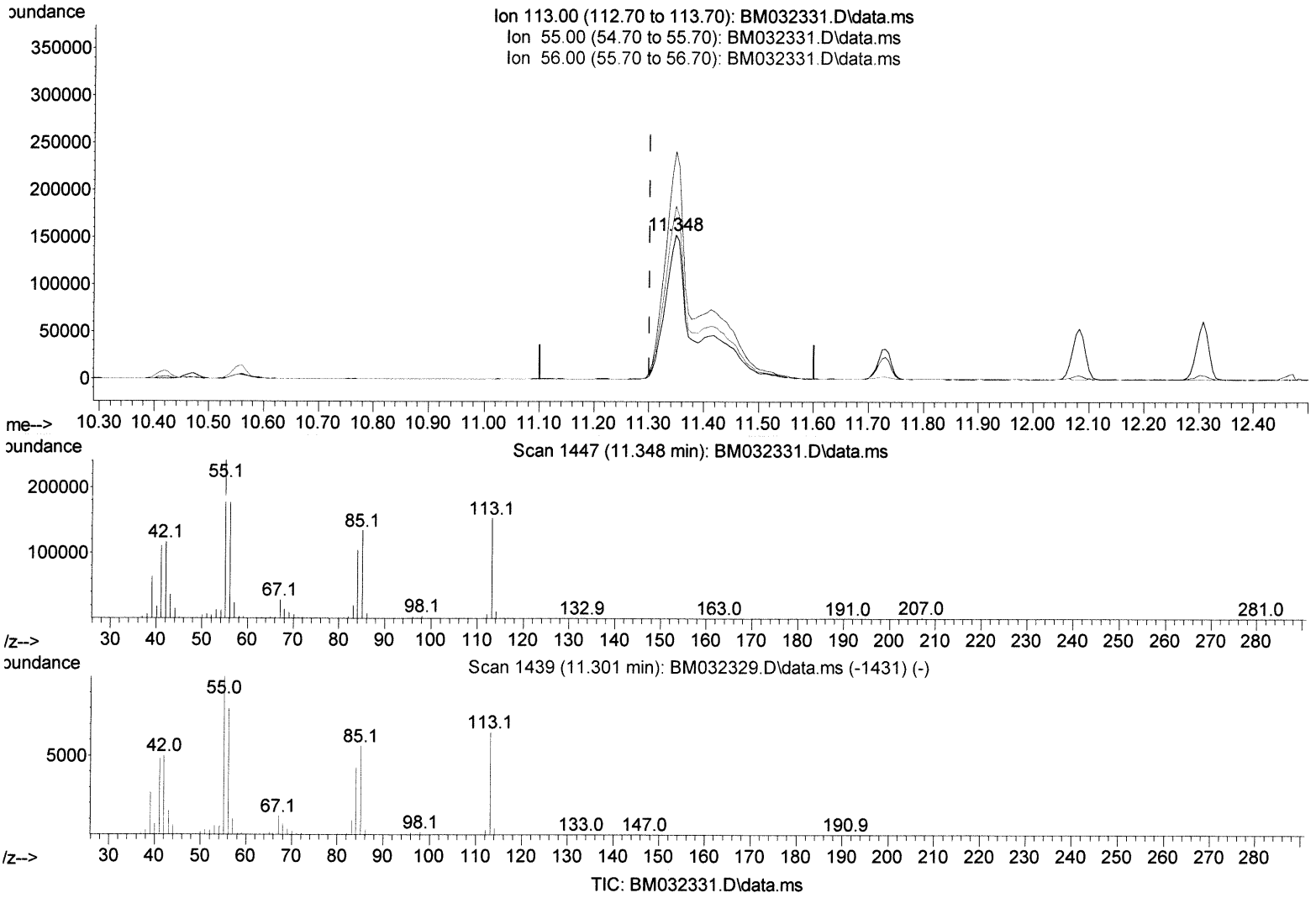

(34) Caprolactam

11.348min (+ 0.047) 90.73 ng/ul m

response 596311

JC 10/12/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	157.72
56.00	123.20	119.78
0.00	0.00	0.00

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	281158	20.000	ng/ul	0.00
20) Naphthalene-d8	10.419	136	1236093	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.277	164	799431	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.001	188	1659525	20.000	ng/ul	0.00
79) Chrysene-d12	21.171	240	1483043	20.000	ng/ul	0.00
88) Perylene-d12	23.318	264	1718304	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	232944	33.160	ng/uL	0.00
4) Pyridine-d5	3.384	84	1685651	85.089	ng/ul	0.00
7) Phenol-d5	6.819	99	2073827	86.857	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.954	67	1147054	83.293	ng/ul	0.00
11) 2-Chlorophenol-d4	7.166	132	1634172	89.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.366	113	1671874	87.034	ng/ul	0.01
21) Nitrobenzene-d5	8.783	128	824275	95.265	ng/ul	0.00
24) 2-Nitrophenol-d4	9.507	143	935171	100.554	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.054	165	1663181	89.080	ng/ul	0.00
31) 4-Chloroaniline-d4	10.554	131	2383616	85.601	ng/ul	0.00
46) Dimethylphthalate-d6	13.683	166	4661440	83.900	ng/ul	0.00
49) Acenaphthylene-d8	13.965	160	5733982	84.929	ng/ul	0.00
54) 4-Nitrophenol-d4	14.501	143	988927	90.925	ng/ul	0.02
60) Fluorene-d10	15.265	176	3783805	80.248	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.389	200	901585	95.888	ng/ul	0.01
73) Anthracene-d10	17.101	188	5766843	79.450	ng/ul	0.00
81) Pyrene-d10	19.389	212	6219437	83.269	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.188	264	7030098	81.626	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	252961	33.116	ng/uL	96
5) Pyridine	3.407	79	1657202	84.405	ng/ul	95
6) Benzaldehyde	6.754	77	769310	90.278	ng/ul	97
8) Phenol	6.848	94	2085681	86.049	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.048	93	1598025	83.777	ng/ul	99
12) 2-Chlorophenol	7.201	128	1650551	87.530	ng/ul	98
13) 2-Methylphenol	8.089	108	1604635	86.503	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.166	45	1977820	83.034	ng/ul	99
16) Acetophenone	8.448	105	2332792	82.152	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.460	70	1205029	86.635	ng/ul	97
18) 4-Methylphenol	8.431	108	1668422	85.543	ng/ul	98
19) Hexachloroethane	8.713	117	671285	89.963	ng/ul	99
22) Nitrobenzene	8.831	77	1841817	88.911	ng/ul	96
23) Isophorone	9.354	82	3586924	89.850	ng/ul	98
25) 2-Nitrophenol	9.542	139	980974	96.350	ng/ul	98
26) 2,4-Dimethylphenol	9.613	107	1920606	87.479	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.830	93	2221258	83.674	ng/ul	99
29) 2,4-Dichlorophenol	10.078	162	1601460	87.050	ng/ul	100
30) Naphthalene	10.472	128	5184368	81.755	ng/ul	100
32) 4-Chloroaniline	10.583	127	2384759	85.378	ng/ul	97
33) Hexachlorobutadiene	10.772	225	995415	83.595	ng/ul	99
34) Caprolactam	11.348	113	596311m	90.732	ng/ul	
35) 4-Chloro-3-methylphenol	11.730	107	1817613	89.707	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.083	142	3524862	81.755	ng/ul	99
37) 1-Methylnaphthalene	12.307	142	3553642	80.813	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.471	216	1742420	78.171	ng/ul	99
40) Hexachlorocyclopentadiene	12.460	237	1122616	86.620	ng/ul	99
41) 2,4,6-Trichlorophenol	12.707	196	1297167	91.676	ng/ul	100
42) 2,4,5-Trichlorophenol	12.783	196	1409235	90.772	ng/ul	100
43) 1,1'-Biphenyl	13.107	154	4516662	78.196	ng/ul	99
44) 2-Chloronaphthalene	13.148	162	3595325	81.874	ng/ul	98
45) 2-Nitroaniline	13.354	65	1171901	100.617	ng/ul	91
47) Dimethylphthalate	13.736	163	4564463	81.915	ng/ul	100
48) 2,6-Dinitrotoluene	13.848	165	1038529	101.197	ng/ul	96
50) Acenaphthylene	14.001	152	5771509	80.398	ng/ul	98
51) 3-Nitroaniline	14.177	138	894555	82.944	ng/ul	99
52) Acenaphthene	14.342	153	3762965	79.593	ng/ul	100
53) 2,4-Dinitrophenol	14.377	184	675964	104.007	ng/ul	96
55) 4-Nitrophenol	14.512	109	781570	89.152	ng/ul	97
56) Dibenzofuran	14.677	168	5337048	77.740	ng/ul	95
57) 2,4-Dinitrotoluene	14.636	165	1466047	96.251	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.907	232	1153079	91.448	ng/ul	97
59) Diethylphthalate	15.101	149	4664961	84.137	ng/ul	100
61) Fluorene	15.324	166	3785929	71.559	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.312	204	1920178	72.049	ng/ul	97
63) 4-Nitroaniline	15.348	138	788791	78.059	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.407	198	871598	94.185	ng/ul#	95
67) N-Nitrosodiphenylamine	15.530	169	3716450	79.736	ng/ul	99
68) 4-Bromophenyl-phenylether	16.201	248	1330034	82.995	ng/ul	99
69) Hexachlorobenzene	16.336	284	1496888	81.055	ng/ul	99
70) Atrazine	16.477	200	1484553	83.879	ng/ul	99
71) Pentachlorophenol	16.671	266	1032466	92.996	ng/ul	99
72) Phenanthrene	17.048	178	6555651	75.923	ng/ul	98
74) Anthracene	17.142	178	6526206	75.194	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.077	216	1911004	81.652	ng/uL	100
76) Pentachlorobenzene	14.607	250	1842098	79.134	ng/uL	100
77) Carbazole	17.401	167	6285455	80.369	ng/ul	98
78) Di-n-butylphthalate	17.959	149	7421094	83.073	ng/ul	99
80) Fluoranthene	19.053	202	7497966	81.413	ng/ul	98
82) Pyrene	19.418	202	7356755	77.738	ng/ul	96
83) Butylbenzylphthalate	20.306	149	3504618	97.717	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.089	252	2040555	77.082	ng/ul	99
85) Benzo(a)anthracene	21.153	228	7213633	80.662	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.071	149	4414288	88.602	ng/ul	100
87) Chrysene	21.212	228	6705557	75.785	ng/ul	97
89) Di-n-octyl phthalate	21.918	149	8153128	83.090	ng/ul	100
90) Benzo(b)fluoranthene	22.683	252	8315967	80.721	ng/ul	98
91) Benzo(k)fluoranthene	22.730	252	6997314	72.512	ng/ul	98
93) Benzo(a)pyrene	23.235	252	7748904	78.161	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.471	276	8608457	78.546	ng/ul	98
95) Dibenzo(a,h)anthracene	25.471	278	7088604	75.101	ng/ul	99
96) Benzo(g,h,i)perylene	26.129	276	7945272	82.839	ng/ul	99

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