Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015169.D
Acq On : 28 Jun 2021 11:10
Operator : CG/JU
Sample : PB137369BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 28 11:41:30 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 :
SLCS369

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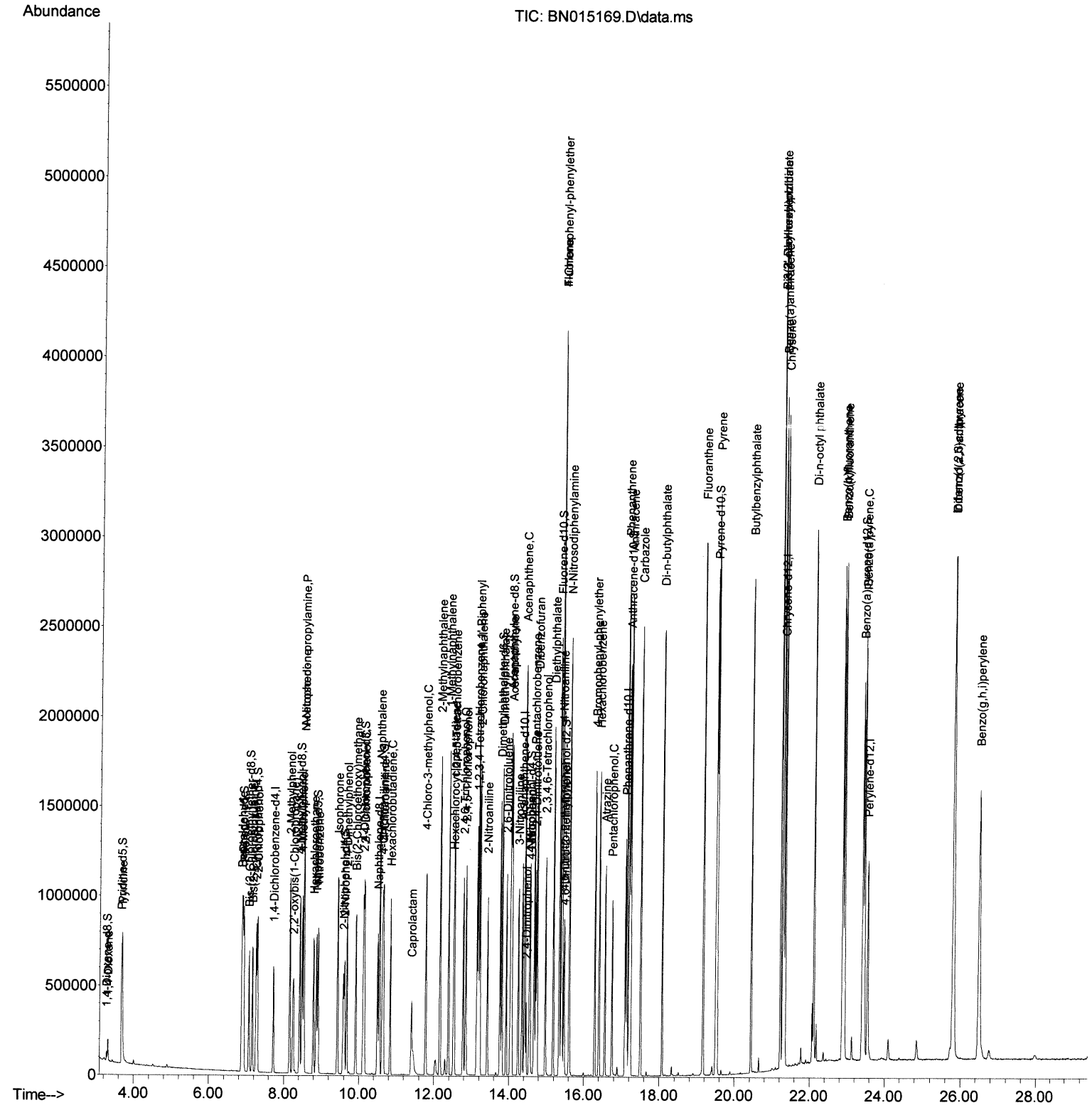

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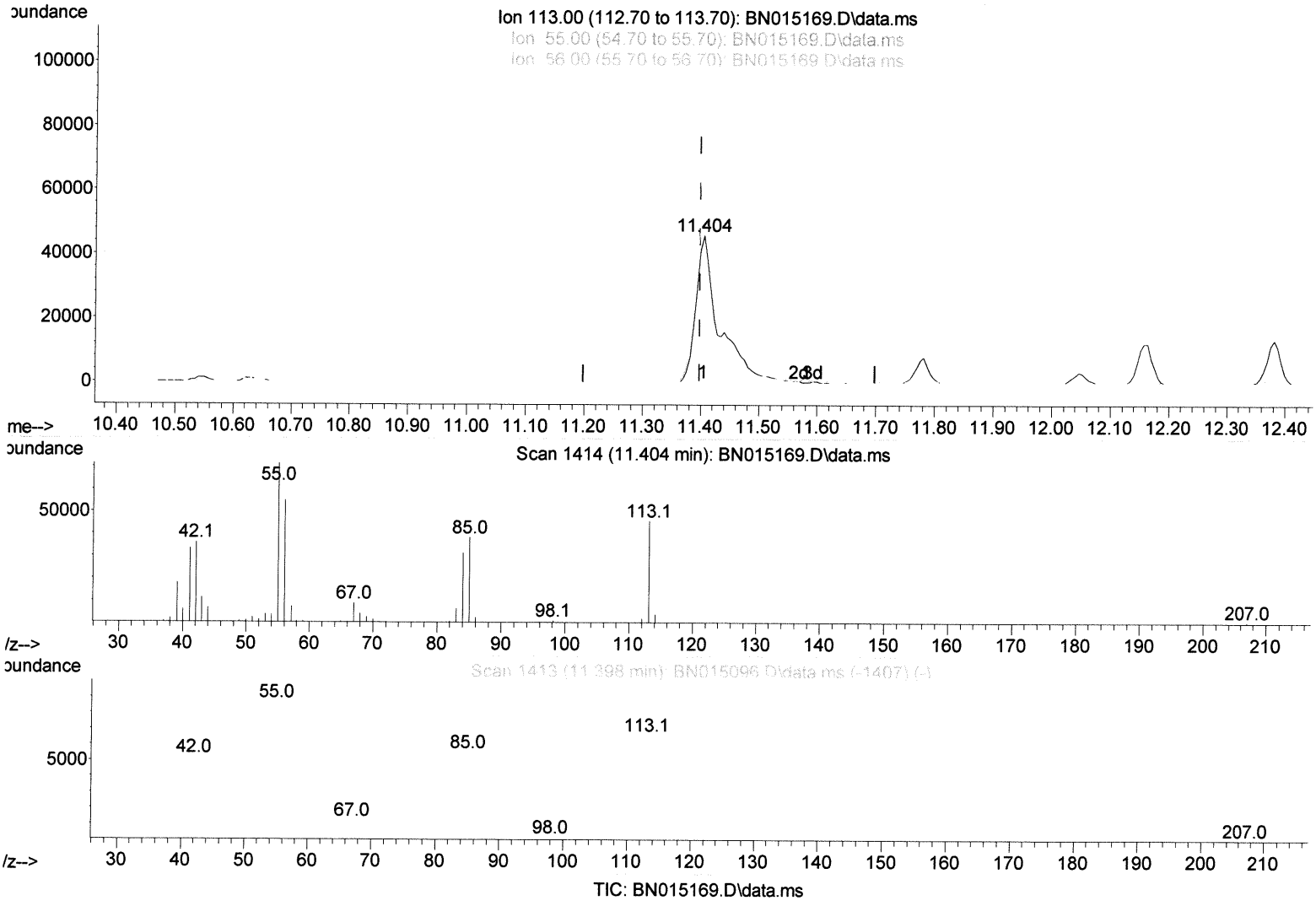

(34) Caprolactam

11.404min (+ 0.006) 29.30 ng/ul

response 92111

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.50	156.00
56.00	117.70	120.12
0.00	0.00	0.00

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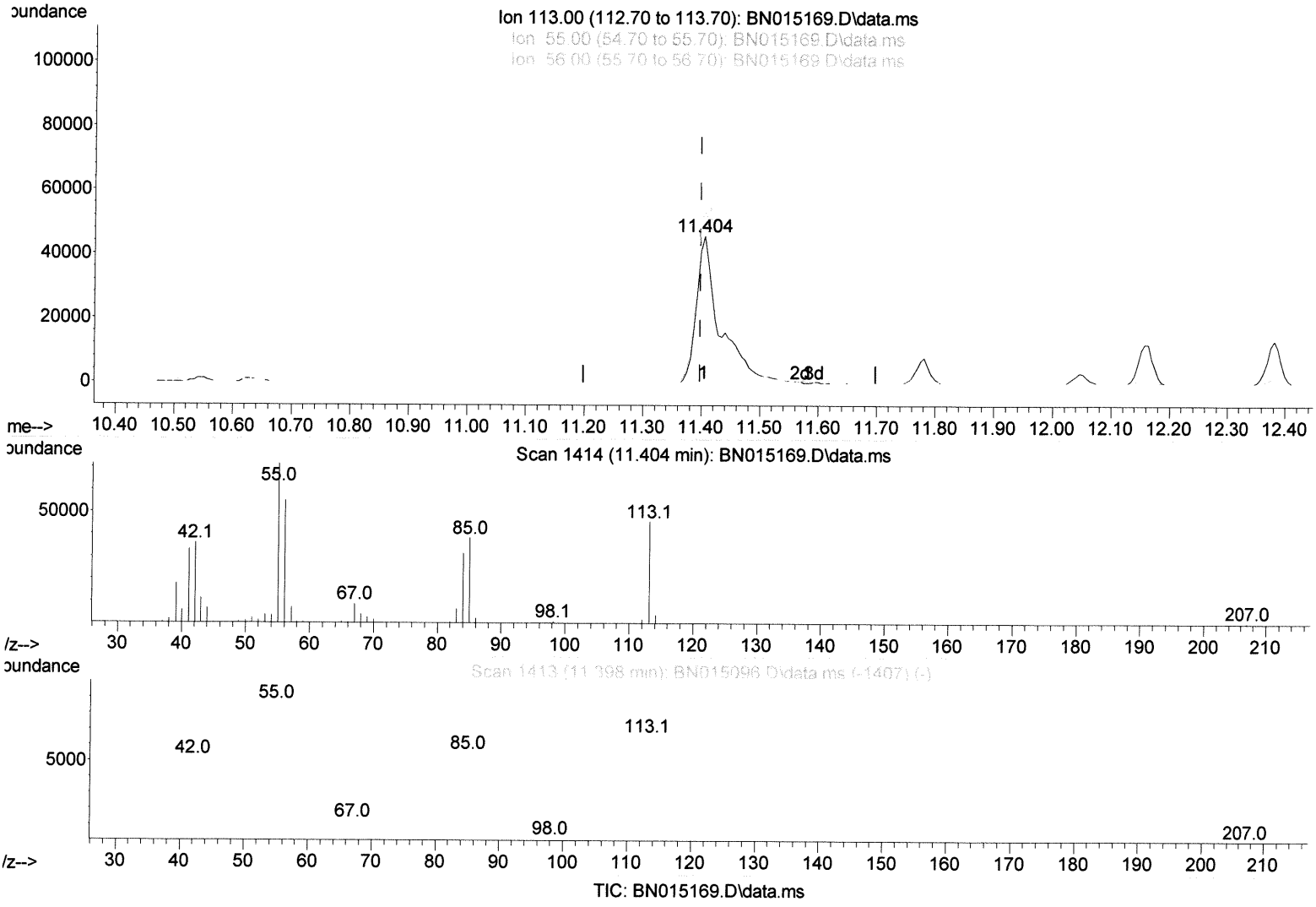

(34) Caprolactam

11.404min (+ 0.006) 41.03 ng/ul m

response 128986

JY 6/30/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.50	156.00
56.00	117.70	120.12
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	154915	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	657181	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	392766	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	789017	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	757577	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	716837	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	24333	6.112	ng/uL	0.00
4) Pyridine-d5	3.670	84	294560	27.443	ng/ul	0.00
7) Phenol-d5	6.893	99	491800	36.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	286563	36.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	378299	37.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	370075	35.662	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	190424	42.359	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	180788	45.147	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	360353	38.126	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	475544	32.465	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1064903	39.484	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	1358853	38.812	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	197537	41.991	ng/ul	0.00
60) Fluorene-d10	15.345	176	913915	38.951	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	126580	38.844	ng/ul	0.00
73) Anthracene-d10	17.192	188	1328490	36.787	ng/ul	0.00
81) Pyrene-d10	19.492	212	1430660	36.029	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	1487579	42.036	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	59548	14.513	ng/uL	95
5) Pyridine	3.693	79	338567	30.318	ng/ul	95
6) Benzaldehyde	6.869	77	293703	46.968	ng/ul	98
8) Phenol	6.922	94	501696	36.806	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.152	93	387522	35.988	ng/ul	98
12) 2-Chlorophenol	7.293	128	382828	37.110	ng/ul	99
13) 2-Methylphenol	8.158	108	364552	35.818	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	507180	36.158	ng/ul	99
16) Acetophenone	8.534	105	602223	38.311	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.528	70	291192	37.818	ng/ul	99
18) 4-Methylphenol	8.487	108	404057	37.017	ng/ul	98
19) Hexachloroethane	8.793	117	150995	35.810	ng/ul	94
22) Nitrobenzene	8.911	77	445061	40.551	ng/ul	98
23) Isophorone	9.428	82	822112	38.089	ng/ul	99
25) 2-Nitrophenol	9.616	139	199901	45.033	ng/ul	98
26) 2,4-Dimethylphenol	9.675	107	309441	26.889	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	516009	37.470	ng/ul	99
29) 2,4-Dichlorophenol	10.146	162	352408	38.280	ng/ul	98
30) Naphthalene	10.546	128	1228300	36.628	ng/ul	99
32) 4-Chloroaniline	10.652	127	472915	32.849	ng/ul	99
33) Hexachlorobutadiene	10.840	225	204862	35.849	ng/ul	92
34) Caprolactam	11.404	113	128986m	41.025	ng/ul	
35) 4-Chloro-3-methylphenol	11.781	107	406483	40.352	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	849172	36.577	ng/ul	100
37) 1-Methylnaphthalene	12.381	142	833154	35.815	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.534	216	415376	37.887	ng/ul	94
40) Hexachlorocyclopentadiene	12.516	237	143634	24.006	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	257266	40.133	ng/ul	98
42) 2,4,5-Trichlorophenol	12.840	196	289192	40.605	ng/ul	90
43) 1,1'-Biphenyl	13.181	154	1102867	38.911	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	849077	38.460	ng/ul	100
45) 2-Nitroaniline	13.422	65	262857	51.176	ng/ul	99
47) Dimethylphthalate	13.810	163	1069780	40.982	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	222628	50.690	ng/ul	94
50) Acenaphthylene	14.069	152	1277023	38.654	ng/ul	99
51) 3-Nitroaniline	14.251	138	244920	49.321	ng/ul	95
52) Acenaphthene	14.416	153	916713	39.442	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	75941	37.655	ng/ul	97
55) 4-Nitrophenol	14.563	109	148923	43.411	ng/ul	95
56) Dibenzofuran	14.751	168	1283054	39.303	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	319158	52.112	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.975	232	221029	42.338	ng/ul	96
59) Diethylphthalate	15.181	149	1068652	41.010	ng/ul	99
61) Fluorene	15.398	166	1009899	39.080	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	492845	40.137	ng/ul	99
63) 4-Nitroaniline	15.416	138	247443	53.549	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.481	198	130963	39.766	ng/ul	94
67) N-Nitrosodiphenylamine	15.610	169	898378	39.254	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	303165	39.915	ng/ul	97
69) Hexachlorobenzene	16.404	284	329724	38.738	ng/ul	95
70) Atrazine	16.563	200	194156	24.381	ng/ul	98
71) Pentachlorophenol	16.745	266	162939	36.591	ng/ul	91
72) Phenanthrene	17.139	178	1639741	39.375	ng/ul	98
74) Anthracene	17.228	178	1620486	37.905	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.146	216	417705	37.383	ng/uL	97
76) Pentachlorobenzene	14.669	250	401881	37.563	ng/uL	98
77) Carbazole	17.498	167	1530288	39.713	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1836182	41.861	ng/ul	100
80) Fluoranthene	19.163	202	1847955	38.553	ng/ul	99
82) Pyrene	19.528	202	1931299	38.657	ng/ul	99
83) Butylbenzylphthalate	20.439	149	783837	44.017	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.216	252	505323	32.391	ng/ul	95
85) Benzo(a)anthracene	21.280	228	1861494	39.727	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	1131158	39.664	ng/ul	98
87) Chrysene	21.333	228	1729733	37.487	ng/ul	98
89) Di-n-octyl phthalate	22.104	149	2011618	44.873	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1830855	42.414	ng/ul	97
91) Benzo(k)fluoranthene	22.916	252	1852289	42.398	ng/ul	99
93) Benzo(a)pyrene	23.451	252	1655072	42.183	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.810	276	2073471	43.559	ng/ul	99
95) Dibenzo(a,h)anthracene	25.815	278	1712269	43.399	ng/ul	94
96) Benzo(g,h,i)perylene	26.498	276	1745314	42.416	ng/ul	99

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