Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052521\
Data File : BN014739.D
Acq On : 25 May 2021 17:39
Operator : CG/JU
Sample : PB136607BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 25 18:10:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 10:33:04 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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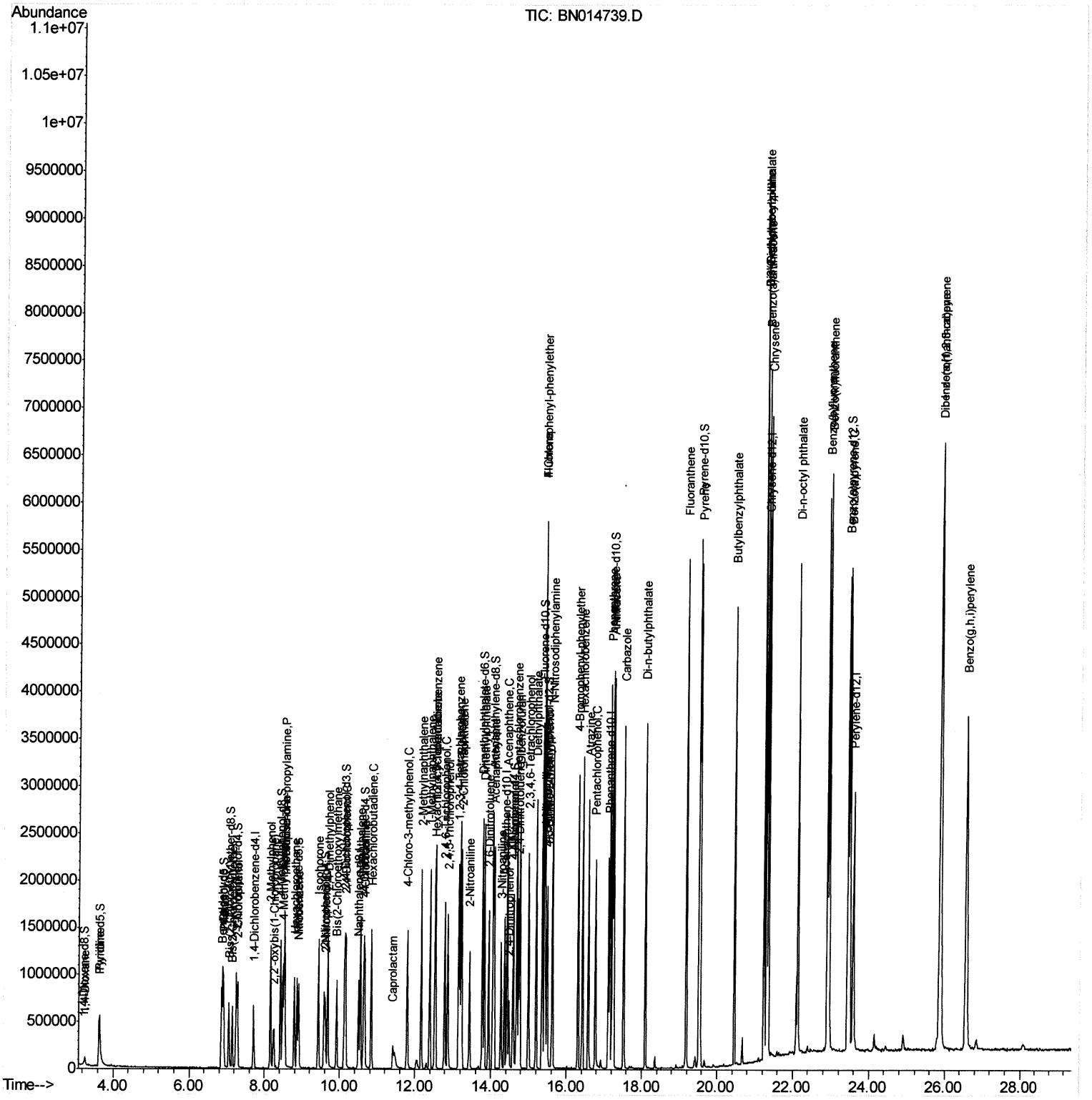

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QLast Update : Tue May 25 10:33:04 2021
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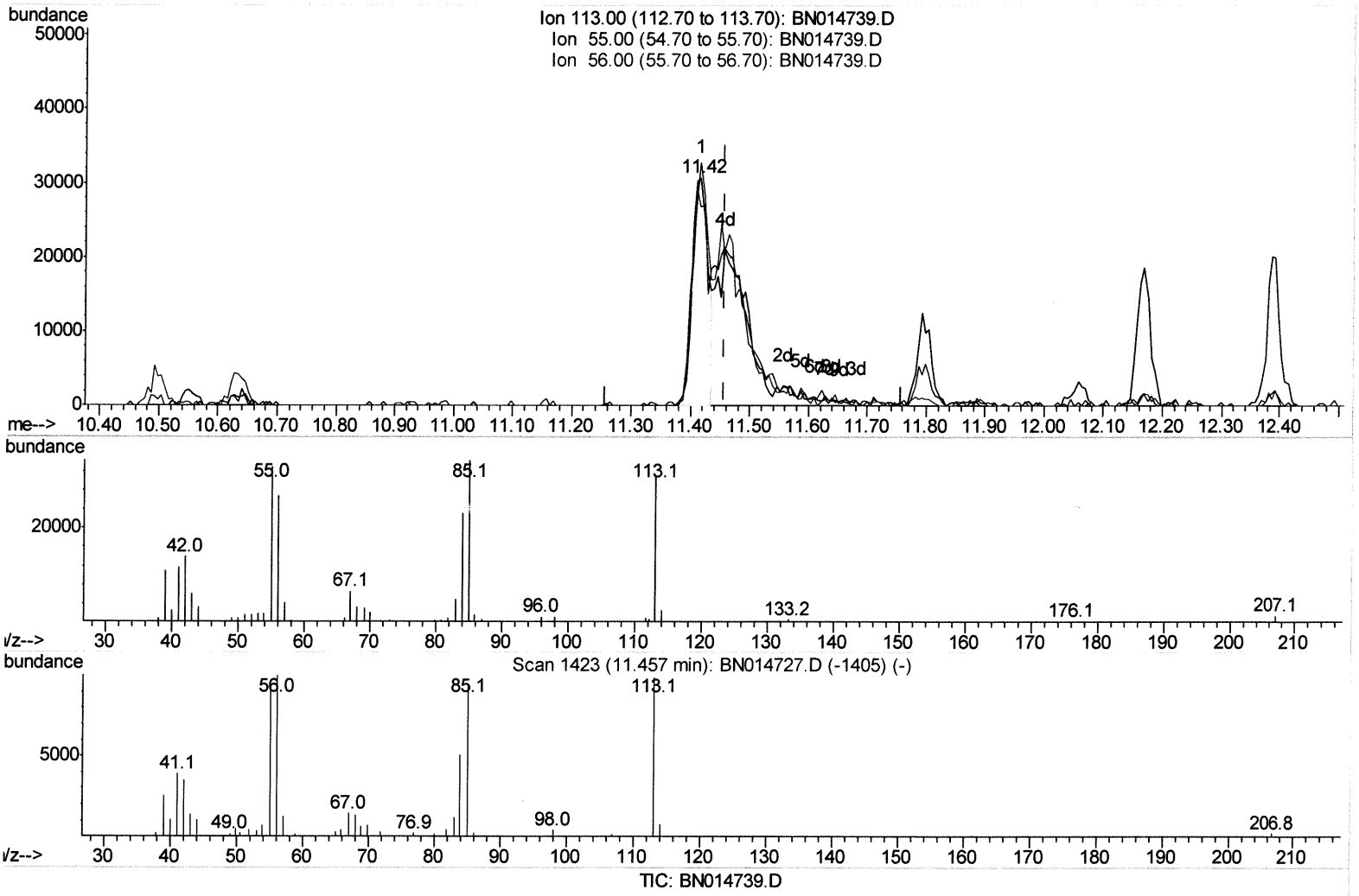

TIC: BN014739.D

(34) Caprolactam

11.416min (-0.041) 14.89ng/ul

response 56384

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	106.53
56.00	73.20	87.17
0.00	0.00	0.00

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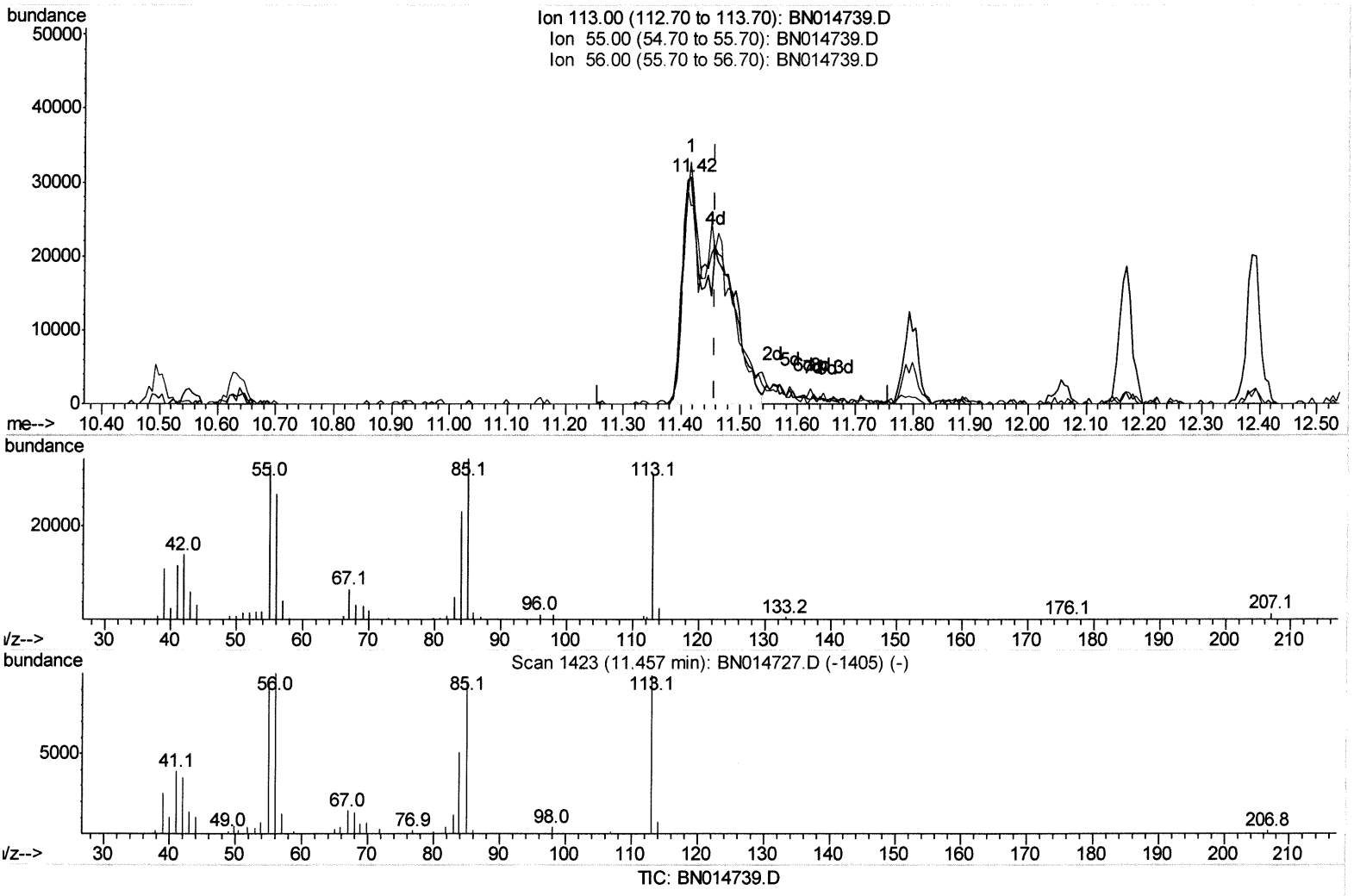

TIC: BN014739.D

(34) Caprolactam

11.416min (-0.041) 34.68ng/ul m

response 131304

JU 5/27/21

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	106.53
56.00	73.20	87.17
0.00	0.00	0.00

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	162331	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	661780	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	506476	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1302494	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1660277	20.00	ng/ul	0.00
88) Perylene-d12	23.59	264	2020805	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	23520	5.90	ng/uL	0.00
4) Pyridine-d5	3.63	84	334106	33.28	ng/ul	0.00
7) Phenol-d5	6.89	99	595443	37.46	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	283128	35.82	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	379080	38.51	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	455578	36.86	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	200505	40.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	205910	38.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	446380	36.54	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	530857	36.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	1626917	40.43	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	1803942	38.77	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	268383	41.99	ng/ul	0.00
60) Fluorene-d10	15.36	176	1391629	40.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	299671	42.06	ng/ul	0.00
73) Anthracene-d10	17.22	188	2302997	37.85	ng/ul	0.00
81) Pyrene-d10	19.52	212	2975555	38.01	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.44	264	4265439	39.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	56238	12.016	ng/uL	95
5) Pyridine	3.65	79	292713	27.825	ng/ul	97
6) Benzaldehyde	6.86	77	328056	38.327	ng/ul	97
8) Phenol	6.92	94	546168	33.394	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.14	93	408617	32.370	ng/ul	98
12) 2-Chlorophenol	7.28	128	346517	33.631	ng/ul	96
13) 2-Methylphenol	8.16	108	395999	32.969	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.25	45	250102	31.406	ng/ul	99
16) Acetophenone	8.53	105	707853	34.602	ng/ul	91
17) N-Nitroso-di-n-propylamine	8.52	70	336458	34.145	ng/ul	96
18) 4-Methylphenol	8.48	108	438017	33.436	ng/ul	100
19) Hexachloroethane	8.79	117	166729	32.321	ng/ul	92
22) Nitrobenzene	8.90	77	525136	33.754	ng/ul	98
23) Isophorone	9.43	82	1001368	33.895	ng/ul	100
25) 2-Nitrophenol	9.62	139	193193	33.927	ng/ul	95
26) 2,4-Dimethylphenol	9.68	107	528214	30.134	ng/ul	92
27) Bis(2-Chloroethoxy)methane	9.92	93	584688	32.572	ng/ul	99
29) 2,4-Dichlorophenol	10.15	162	402608	34.361	ng/ul	98
30) Naphthalene	10.55	128	1201752	33.410	ng/ul	97
32) 4-Chloroaniline	10.66	127	472819	30.845	ng/ul	97
33) Hexachlorobutadiene	10.83	225	336885	32.155	ng/ul	95
34) Caprolactam	11.42	113	131304m	34.685	ng/ul	>

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.80	107	620778	36.560 ng/ul	98
36) 2-Methylnaphthalene	12.17	142	879078	32.787 ng/ul	93
37) 1-Methylnaphthalene	12.39	142	863035	32.740 ng/ul#	92
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	616656	32.202 ng/ul	97
40) Hexachlorocyclopentadiene	12.52	237	335365	26.436 ng/ul	93
41) 2,4,6-Trichlorophenol	12.79	196	384588	35.764 ng/ul	98
42) 2,4,5-Trichlorophenol	12.87	196	419100	35.711 ng/ul	94
43) 1,1'-Biphenyl	13.19	154	1226435	33.850 ng/ul	95
44) 2-Chloronaphthalene	13.23	162	1015503	34.979 ng/ul	98
45) 2-Nitroaniline	13.44	65	338208	38.248 ng/ul	93
47) Dimethylphthalate	13.82	163	1412019	35.479 ng/ul	98
48) 2,6-Dinitrotoluene	13.94	165	276557	37.393 ng/ul	97
50) Acenaphthylene	14.08	152	1485805	34.731 ng/ul	97
51) 3-Nitroaniline	14.27	138	274392	38.235 ng/ul	94
52) Acenaphthene	14.43	153	1073348	34.626 ng/ul	92
53) 2,4-Dinitrophenol	14.47	184	133536	24.869 ng/ul	96
55) 4-Nitrophenol	14.59	109	302759	24.706 ng/ul	90
56) Dibenzofuran	14.76	168	1598357	34.662 ng/ul	92
57) 2,4-Dinitrotoluene	14.73	165	465975	39.535 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.99	232	436744	36.178 ng/ul	96
59) Diethylphthalate	15.20	149	1437221	37.564 ng/ul	97
61) Fluorene	15.42	166	1231148	35.488 ng/ul	93
62) 4-Chlorophenyl-phenylether	15.42	204	730205	35.577 ng/ul	94
63) 4-Nitroaniline	15.44	138	280876	38.532 ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.50	198	263121	37.754 ng/ul#	99
67) N-Nitrosodiphenylamine	15.63	169	1216818	34.685 ng/ul	98
68) 4-Bromophenyl-phenylether	16.31	248	596023	35.141 ng/ul	95
69) Hexachlorobenzene	16.42	284	753887	35.530 ng/ul	95
70) Atrazine	16.59	200	518797	35.763 ng/ul	95
71) Pentachlorophenol	16.77	266	388039	31.764 ng/ul	92
72) Phenanthrene	17.16	178	2396074	35.207 ng/ul	97
74) Anthracene	17.25	178	2393386	34.894 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	655892	30.474 ng/uL	94
76) Pentachlorobenzene	14.69	250	723866	32.519 ng/uL	97
77) Carbazole	17.52	167	2155618	37.289 ng/ul	99
78) Di-n-butylphthalate	18.09	149	2480909	36.422 ng/ul	98
80) Fluoranthene	19.18	202	3264750	35.366 ng/ul	99
82) Pyrene	19.55	202	3298302	34.744 ng/ul	98
83) Butylbenzylphthalate	20.46	149	1206265	37.817 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.24	252	1184991	37.856 ng/ul	87
85) Benzo(a)anthracene	21.30	228	3646542	35.235 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.24	149	1648244	35.849 ng/ul	99
87) Chrysene	21.36	228	3653590	35.056 ng/ul	97
89) Di-n-octyl phthalate	22.13	149	3466241	38.770 ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	4612513	38.033 ng/ul	97
91) Benzo(k)fluoranthene	22.95	252	4364401	36.120 ng/ul	98
93) Benzo(a)pyrene	23.49	252	4061872	37.009 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.88	276	5576412	37.082 ng/ul	97
95) Dibenzo(a,h)anthracene	25.89	278	4666999	37.501 ng/ul	100
96) Benzo(g,h,i)perylene	26.57	276	4984326	37.451 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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