Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052621\
Data File : BM030174.D
Acq On : 26 May 2021 18:08
Operator : CG/JU
Sample : PB136652BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 26 18:39:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 26 15:30:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS652

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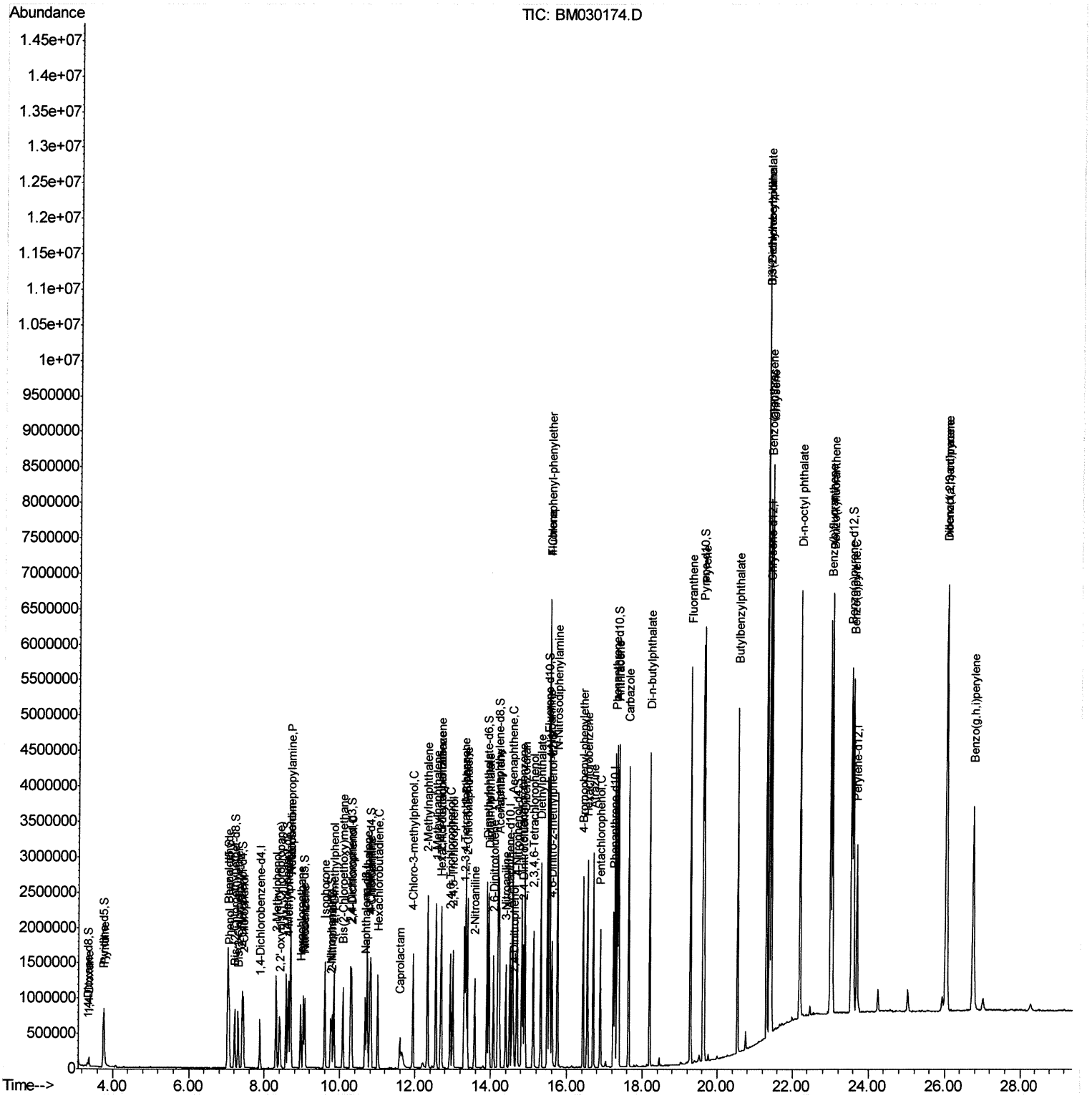

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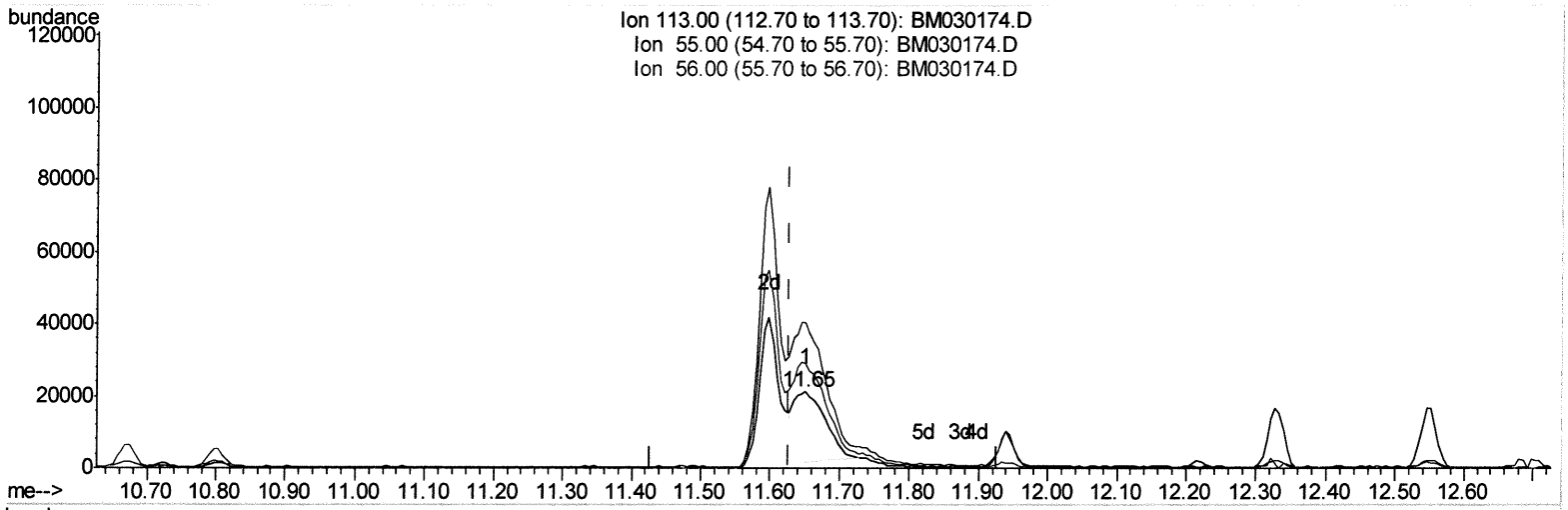

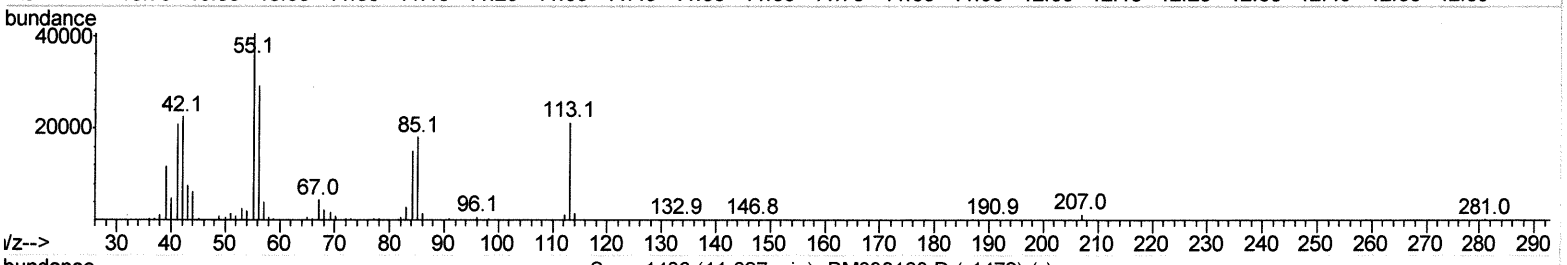

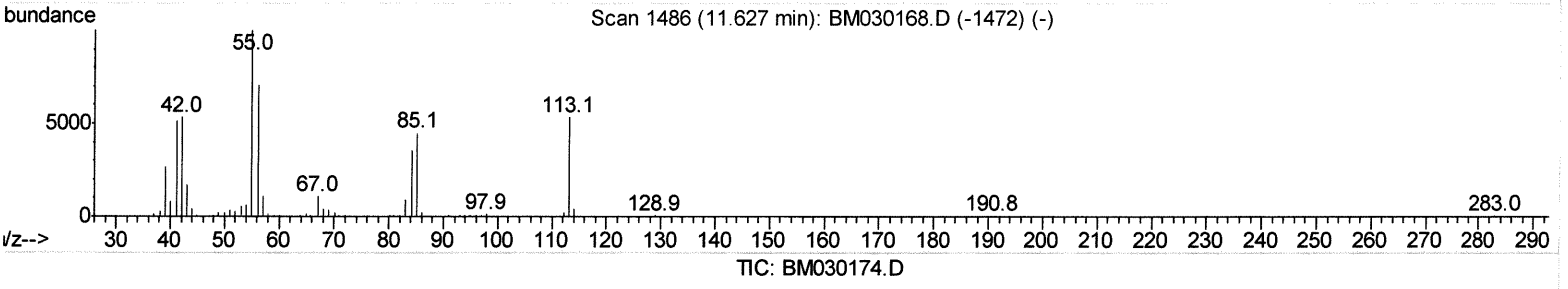

TIC: BM030174.D

(34) Caprolactam

11.651min (+0.024) 15.97ng/ul

response 62726

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	191.08
56.00	134.00	137.09
0.00	0.00	0.00

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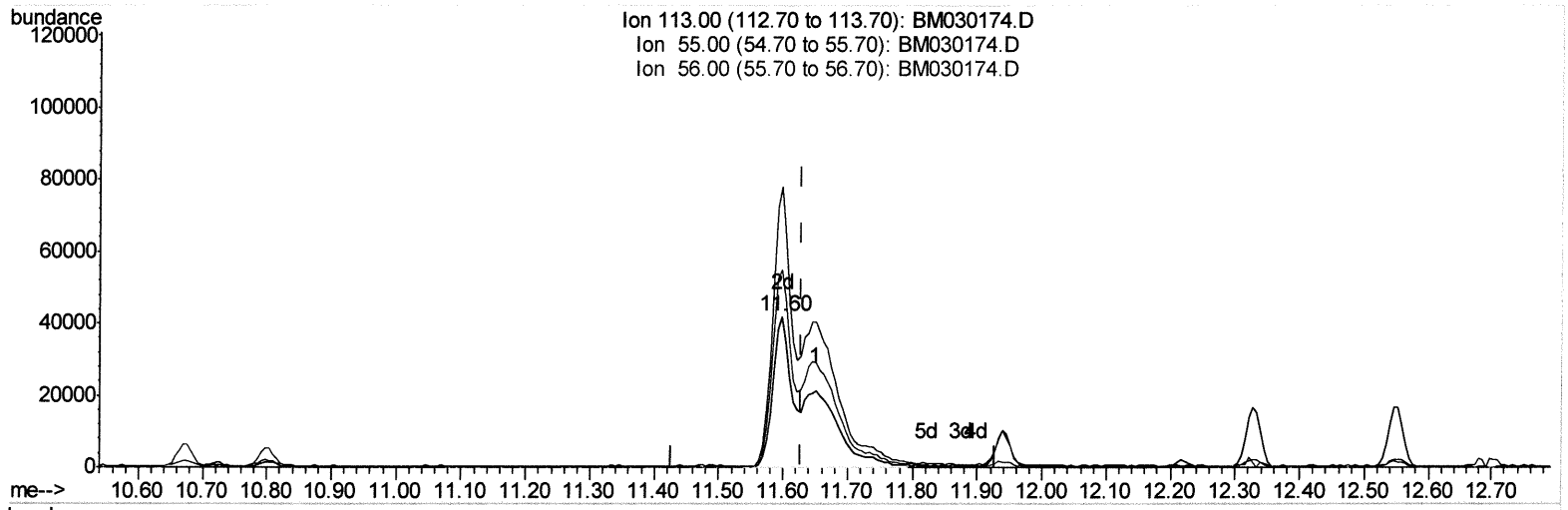

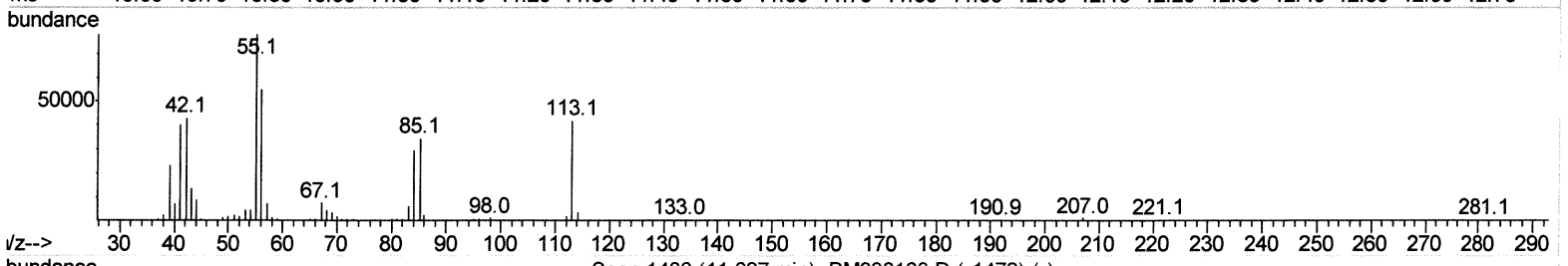

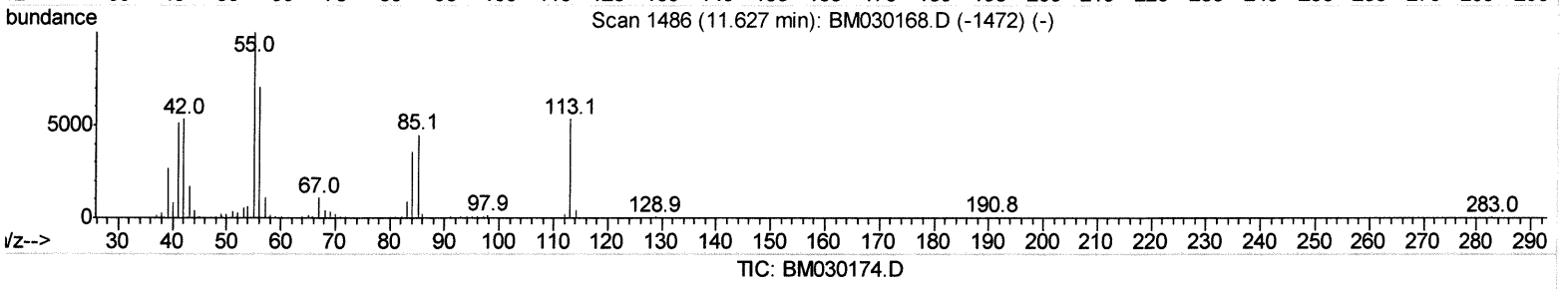

TIC: BM030174.D

(34) Caprolactam

11.598min (-0.029) 42.10ng/ul m JU 5/28/21

response 165325

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	186.02
56.00	134.00	130.84
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	187973	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	830502	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	582498	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1308197	20.00	ng/ul	0.00
79) Chrysene-d12	21.40	240	1589542	20.00	ng/ul	0.00
88) Perylene-d12	23.69	264	1620279	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	24975	5.44	ng/uL	0.00
4) Pyridine-d5	3.75	84	377596	29.32	ng/ul	0.00
7) Phenol-d5	7.03	99	612812	37.08	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.21	67	372318	35.69	ng/ul	0.00
11) 2-Chlorophenol-d4	7.41	132	468362	37.83	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	499501	38.06	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	223810	41.29	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	221136	42.83	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.29	165	525100	39.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	721131	36.45	ng/ul	0.00
46) Dimethylphthalate-d6	13.91	166	1773139	39.82	ng/ul	0.00
49) Acenaphthylene-d8	14.20	160	2184182	38.05	ng/ul	0.00
54) 4-Nitrophenol-d4	14.69	143	322684	44.84	ng/ul	0.00
60) Fluorene-d10	15.49	176	1549367	39.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	266801	42.07	ng/ul	0.00
73) Anthracene-d10	17.33	188	2489467	38.45	ng/ul	0.00
81) Pyrene-d10	19.62	212	3057123	35.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.55	264	3678671	40.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	64799	13.117	ng/uL	98
5) Pyridine	3.77	79	366528	27.719	ng/ul	97
6) Benzaldehyde	7.02	77	331868	37.631	ng/ul	98
8) Phenol	7.06	94	552088	32.883	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.30	93	430956	31.979	ng/ul	99
12) 2-Chlorophenol	7.44	128	425246	33.544	ng/ul	99
13) 2-Methylphenol	8.31	108	423546	33.363	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.41	45	701084	31.307	ng/ul	99
16) Acetophenone	8.70	105	706898	33.327	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.69	70	374462	33.468	ng/ul	99
18) 4-Methylphenol	8.64	108	468810	34.295	ng/ul	99
19) Hexachloroethane	8.96	117	165515	30.493	ng/ul	97
22) Nitrobenzene	9.07	77	507623	34.590	ng/ul	97
23) Isophorone	9.60	82	1038523	33.561	ng/ul	100
25) 2-Nitrophenol	9.79	139	224437	38.501	ng/ul	99
26) 2,4-Dimethylphenol	9.84	107	458254	29.546	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.08	93	626197	33.016	ng/ul	99
29) 2,4-Dichlorophenol	10.32	162	456335	35.494	ng/ul	99
30) Naphthalene	10.72	128	1471303	32.290	ng/ul	99
32) 4-Chloroaniline	10.83	127	631558	30.835	ng/ul	99
33) Hexachlorobutadiene	11.01	225	279778	31.938	ng/ul	99
34) Caprolactam	11.60	113	165325m	42.104	ng/ul	

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.94	107	503435	37.356	ng/ul	99
36) 2-Methylnaphthalene	12.33	142	1126415	33.061	ng/ul	98
37) 1-Methylnaphthalene	12.55	142	1097806	33.143	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	601612	31.831	ng/ul	98
40) Hexachlorocyclopentadiene	12.68	237	295343	22.300	ng/ul	99
41) 2,4,6-Trichlorophenol	12.93	196	387724	36.551	ng/ul	98
42) 2,4,5-Trichlorophenol	13.00	196	436890	38.069	ng/ul	100
43) 1,1'-Biphenyl	13.34	154	1503019	32.354	ng/ul	99
44) 2-Chloronaphthalene	13.38	162	1171162	32.795	ng/ul	98
45) 2-Nitroaniline	13.57	65	329665	40.188	ng/ul	95
47) Dimethylphthalate	13.96	163	1594407	36.245	ng/ul	100
48) 2,6-Dinitrotoluene	14.07	165	301672	43.030	ng/ul	94
50) Acenaphthylene	14.22	152	1811610	32.681	ng/ul	99
51) 3-Nitroaniline	14.40	138	320272	39.197	ng/ul	99
52) Acenaphthene	14.56	153	1329607	33.956	ng/ul	99
53) 2,4-Dinitrophenol	14.60	184	153603	34.898	ng/ul	97
55) 4-Nitrophenol	14.70	109	229283	29.018	ng/ul	98
56) Dibenzofuran	14.90	168	1883133	34.745	ng/ul	99
57) 2,4-Dinitrotoluene	14.86	165	448751	44.136	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	387937	40.031	ng/ul	99
59) Diethylphthalate	15.32	149	1657005	37.187	ng/ul	99
61) Fluorene	15.54	166	1631978	35.491	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	795677	35.290	ng/ul	99
63) 4-Nitroaniline	15.56	138	364650	43.402	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.62	198	246034	37.607	ng/ul	97
67) N-Nitrosodiphenylamine	15.75	169	1420719	33.296	ng/ul	99
68) 4-Bromophenyl-phenylether	16.43	248	507314	34.454	ng/ul	96
69) Hexachlorobenzene	16.54	284	584148	34.707	ng/ul	98
70) Atrazine	16.70	200	526087	34.374	ng/ul	99
71) Pentachlorophenol	16.89	266	333795	32.475	ng/ul	98
72) Phenanthrene	17.28	178	2705886	35.295	ng/ul	100
74) Anthracene	17.37	178	2723690	34.634	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	613610	28.749	ng/uL	100
76) Pentachlorobenzene	14.82	250	624342	31.534	ng/uL	99
77) Carbazole	17.63	167	2581869	36.229	ng/ul	100
78) Di-n-butylphthalate	18.20	149	3026949	38.240	ng/ul	100
80) Fluoranthene	19.29	202	3383304	32.484	ng/ul	98
82) Pyrene	19.64	202	3541880	32.536	ng/ul	98
83) Butylbenzylphthalate	20.53	149	1417788	38.157	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.31	252	1248978	37.112	ng/ul	99
85) Benzo(a)anthracene	21.38	228	3706681	35.393	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.31	149	2295034	38.492	ng/ul	98
87) Chrysene	21.43	228	3604793	35.360	ng/ul	98
89) Di-n-octyl phthalate	22.20	149	3934012	37.761	ng/ul	100
90) Benzo(b)fluoranthene	23.00	252	4014482	36.972	ng/ul	100
91) Benzo(k)fluoranthene	23.04	252	3904447	36.465	ng/ul	99
93) Benzo(a)pyrene	23.60	252	3577289	37.326	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.04	276	4490952	37.410	ng/ul	99
95) Dibenzo(a,h)anthracene	26.05	278	3775329	37.617	ng/ul	99
96) Benzo(g,h,i)perylene	26.76	276	3584757	36.548	ng/ul	100

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

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