Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050295.D
Acq On : 28 Sep 2021 21:40
Operator : CG/JU
Sample : M3873-09MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 29 02:13:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW7X8MS

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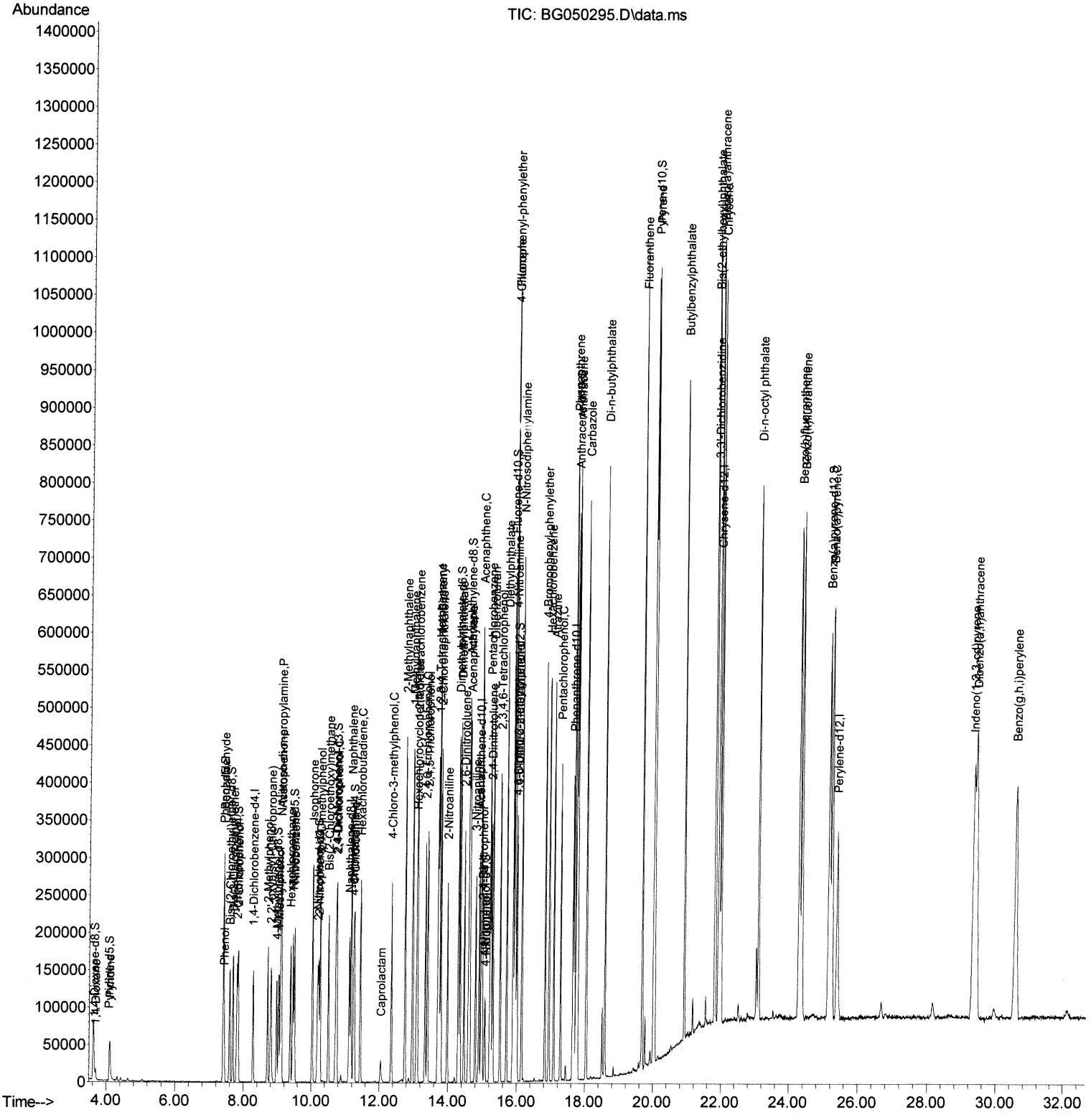

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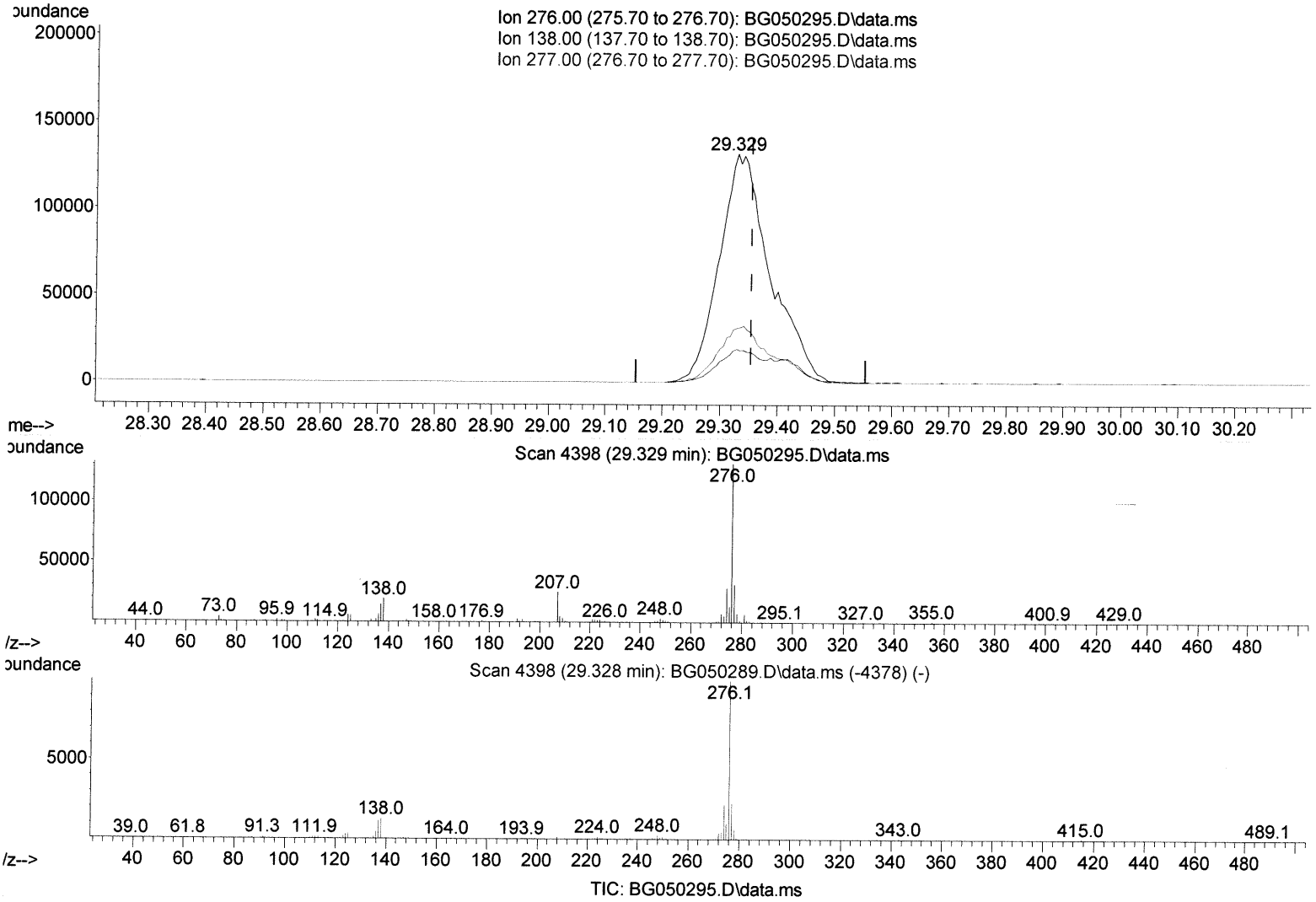

(94) Indeno(1,2,3-cd)pyrene

29.329min (-0.025) 19.58 ng/ul

response 365156

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	14.56#
277.00	23.20	23.73
0.00	0.00	0.00

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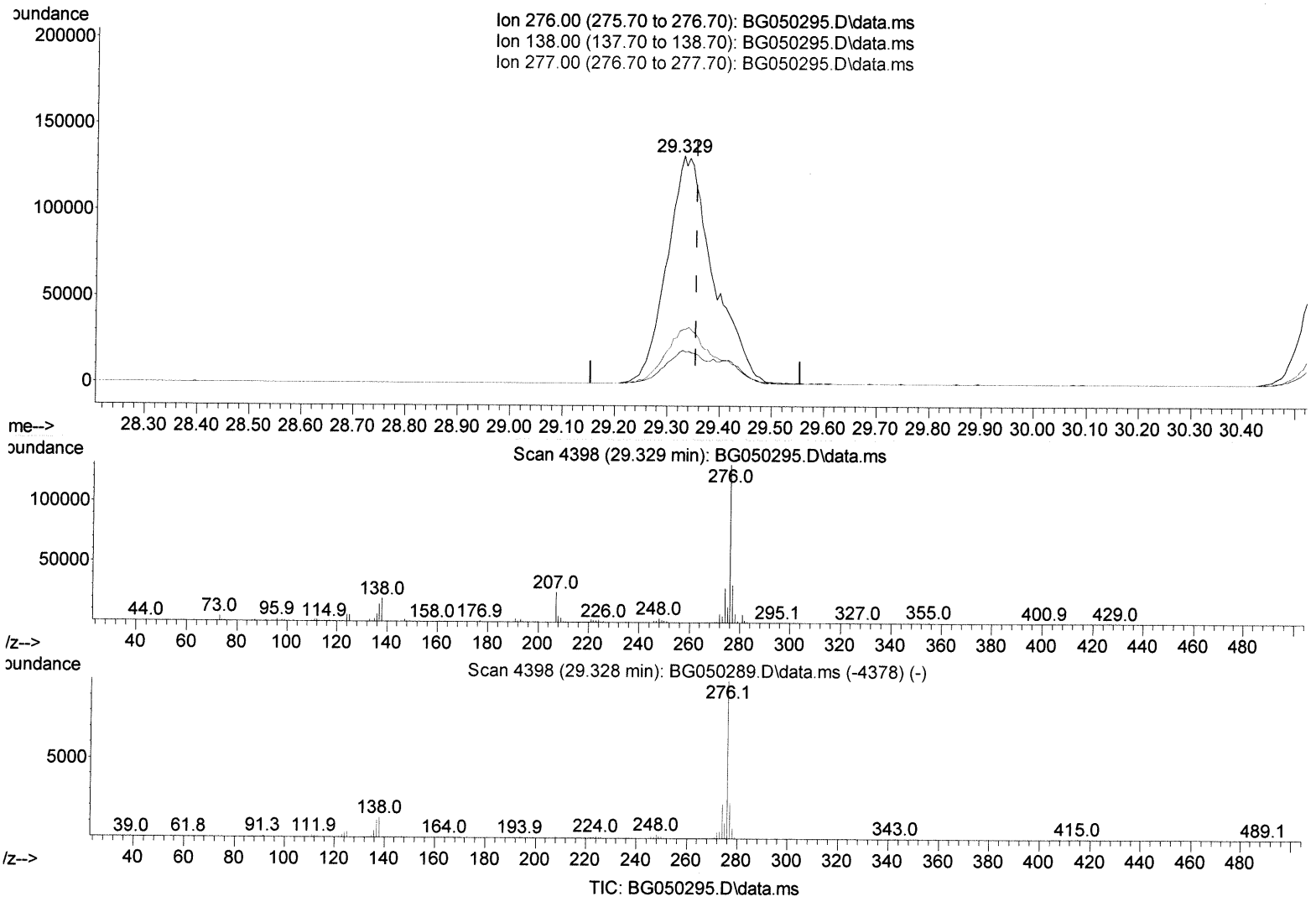

(94) Indeno(1,2,3-cd)pyrene

29.329min (-0.025) 43.58 ng/ul m JQ(0|04|21

response 812662

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	14.56#
277.00	23.20	23.73
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	8.283	152	40380	20.000	ng/ul	0.00
20) Naphthalene-d8	11.109	136	159753	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.899	164	109161	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.643	188	255571	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.950	240	264232	20.000	ng/ul	# 0.00
88) Perylene-d12	25.393	264	287005	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	7431	8.899	ng/uL	0.00
4) Pyridine-d5	4.082	84	22948	9.118	ng/ul	-0.01
7) Phenol-d5	7.414	99	30459	9.500	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.602	67	77163	41.466	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	69942	30.014	ng/ul	0.00
15) 4-Methylphenol-d8	8.971	113	52977	20.975	ng/ul	-0.01
21) Nitrobenzene-d5	9.453	128	46331	46.946	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.181	143	46042	42.239	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.716	165	85747	33.722	ng/ul	0.00
31) 4-Chloroaniline-d4	11.233	131	93010	27.844	ng/ul	-0.01
46) Dimethylphthalate-d6	14.300	166	312741	42.154	ng/ul	0.00
49) Acenaphthylene-d8	14.599	160	361830	38.798	ng/ul	0.00
54) 4-Nitrophenol-d4	15.064	143	14929	11.926	ng/ul	0.00
60) Fluorene-d10	15.886	176	276827	40.754	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.992	200	55991	51.712	ng/ul	0.00
73) Anthracene-d10	17.743	188	461910	42.434	ng/ul	0.00
81) Pyrene-d10	20.017	212	581319	40.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.152	264	605838	41.403	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.695	88	8135	7.722	ng/uL	93
5) Pyridine	4.106	79	27526	10.547	ng/ul	92
6) Benzaldehyde	7.420	77	95648	47.001	ng/ul	95
8) Phenol	7.443	94	37038	11.404	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.696	93	96887	40.140	ng/ul	93
12) 2-Chlorophenol	7.843	128	72283	29.433	ng/ul#	83
13) 2-Methylphenol	8.712	108	61329	24.202	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.806	45	139768	43.769	ng/ul#	93
16) Acetophenone	9.112	105	149049	38.631	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.094	70	86723	39.539	ng/ul	98
18) 4-Methylphenol	9.035	108	56894	22.043	ng/ul	89
19) Hexachloroethane	9.376	117	34731	32.959	ng/ul	95
22) Nitrobenzene	9.499	77	126539	44.691	ng/ul	99
23) Isophorone	10.028	82	226473	37.922	ng/ul#	96
25) 2-Nitrophenol	10.210	139	47519	41.739	ng/ul#	88
26) 2,4-Dimethylphenol	10.252	107	90486	29.723	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.498	93	126924	38.932	ng/ul	99
29) 2,4-Dichlorophenol	10.745	162	84528	34.500	ng/ul	97
30) Naphthalene	11.162	128	292678	35.718	ng/ul	97
32) 4-Chloroaniline	11.262	127	93579	28.052	ng/ul	93
33) Hexachlorobutadiene	11.438	225	63929	31.453	ng/ul	97
34) Caprolactam	12.038	113	6488	8.398	ng/ul	85
35) 4-Chloro-3-methylphenol	12.349	107	88424	33.279	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.749	142	212533	37.452	ng/ul	94
37) 1-Methylnaphthalene	12.960	142	204805	35.745	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.101	216	127892	37.213	ng/ul#	97
40) Hexachlorocyclopentadiene	13.084	237	67391	28.427	ng/ul	92
41) 2,4,6-Trichlorophenol	13.336	196	80853	39.895	ng/ul	91
42) 2,4,5-Trichlorophenol	13.401	196	87590	40.171	ng/ul	95
43) 1,1'-Biphenyl	13.736	154	279665	37.766	ng/ul#	97
44) 2-Chloronaphthalene	13.783	162	219081	37.391	ng/ul	97
45) 2-Nitroaniline	13.982	65	80410	57.640	ng/ul	92
47) Dimethylphthalate	14.347	163	306930	41.070	ng/ul	99
48) 2,6-Dinitrotoluene	14.464	165	61786	52.226	ng/ul	95
50) Acenaphthylene	14.629	152	334578	35.512	ng/ul	96
51) 3-Nitroaniline	14.793	138	62470	47.228	ng/ul	88
52) Acenaphthene	14.964	153	246889	40.026	ng/ul	97
53) 2,4-Dinitrophenol	14.993	184	38160	50.946	ng/ul#	82
55) 4-Nitrophenol	15.075	109	16200	12.593	ng/ul#	73
56) Dibenzofuran	15.299	168	363727	39.404	ng/ul	93
57) 2,4-Dinitrotoluene	15.246	165	91677	54.682	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.510	232	85971	43.827	ng/ul#	93
59) Diethylphthalate	15.698	149	328899	42.808	ng/ul	96
61) Fluorene	15.945	166	295303	40.834	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.933	204	162182	39.839	ng/ul	90
63) 4-Nitroaniline	15.957	138	69067	50.723	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	16.004	198	56410	51.860	ng/ul	96
67) N-Nitrosodiphenylamine	16.139	169	270704	41.889	ng/ul	99
68) 4-Bromophenyl-phenylether	16.826	248	109589	41.354	ng/ul	97
69) Hexachlorobenzene	16.944	284	120706	41.111	ng/ul	94
70) Atrazine	17.085	200	102262	35.865	ng/ul	97
71) Pentachlorophenol	17.279	266	78754	42.036	ng/ul	96
72) Phenanthrene	17.684	178	543744	42.869	ng/ul	98
74) Anthracene	17.778	178	527338	41.744	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.706	216	134490	37.018	ng/uL	93
76) Pentachlorobenzene	15.210	250	128945	36.808	ng/uL	96
77) Carbazole	18.042	167	500732	44.803	ng/ul	99
78) Di-n-butylphthalate	18.589	149	584977	45.395	ng/ul	99
80) Fluoranthene	19.682	202	699553	38.571	ng/ul#	92
82) Pyrene	20.046	202	678631	38.050	ng/ul#	90
83) Butylbenzylphthalate	20.916	149	263467	43.851	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.832	252	196550	34.733	ng/ul#	98
85) Benzo(a)anthracene	21.926	228	690761	43.410	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.814	149	388755	45.330	ng/ul	96
87) Chrysene	21.997	228	662861	42.969	ng/ul	94
89) Di-n-octyl phthalate	23.107	149	663945	47.192	ng/ul	100
90) Benzo(b)fluoranthene	24.288	252	721381	42.939	ng/ul#	98
91) Benzo(k)fluoranthene	24.359	252	700741	44.421	ng/ul#	99
93) Benzo(a)pyrene	25.228	252	635498	39.825	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.329	276	812662m	43.583	ng/ul	
95) Dibenzo(a,h)anthracene	29.417	278	678843	42.239	ng/ul#	94
96) Benzo(g,h,i)perylene	30.581	276	675753	42.356	ng/ul#	93

JU 10/04/21

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