Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
Data File : BN014285.D
Acq On : 15 Apr 2021 15:07
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 15 16:15:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 15 15:18:04 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV057

Manual Integrations APPROVED
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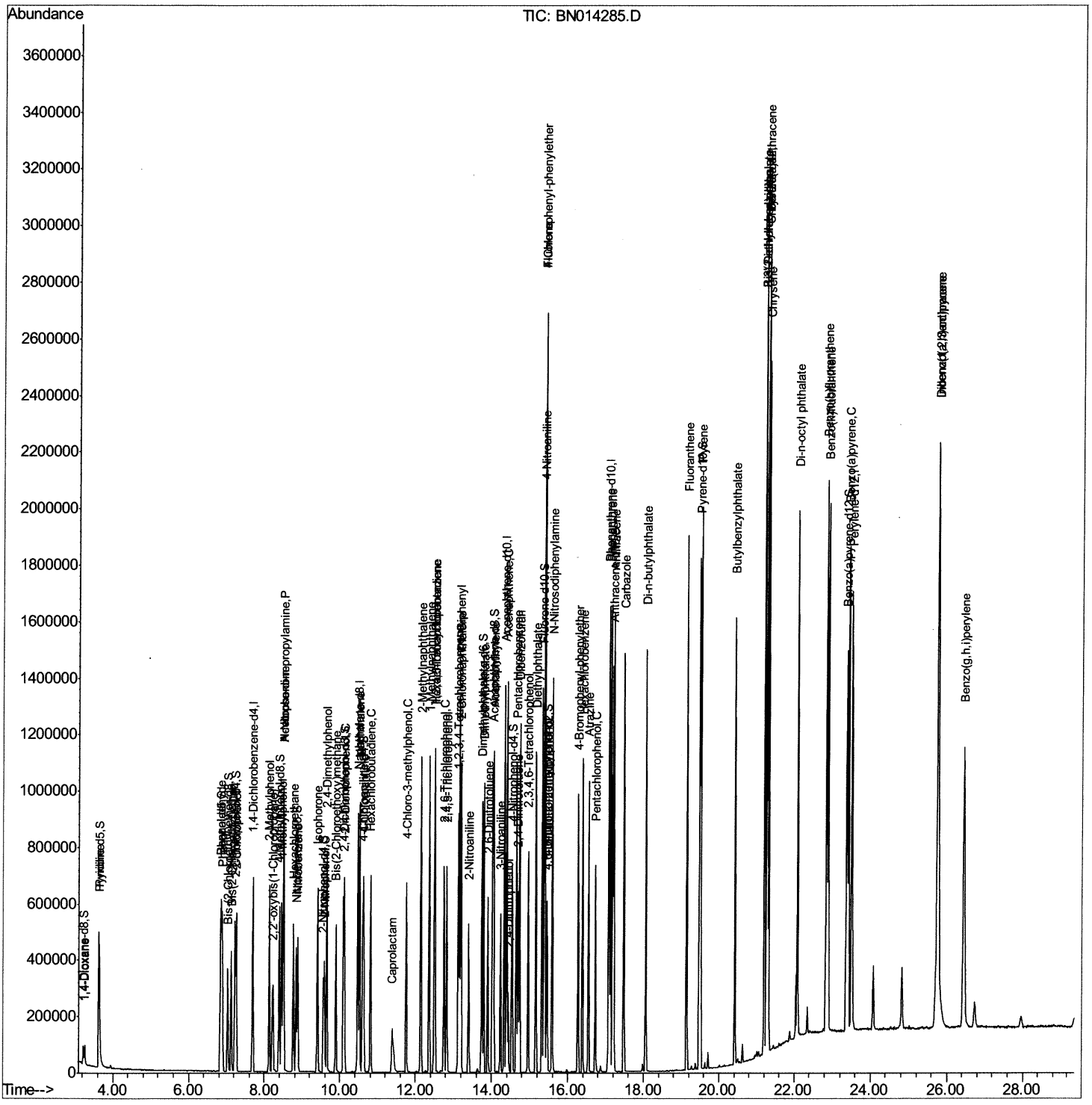

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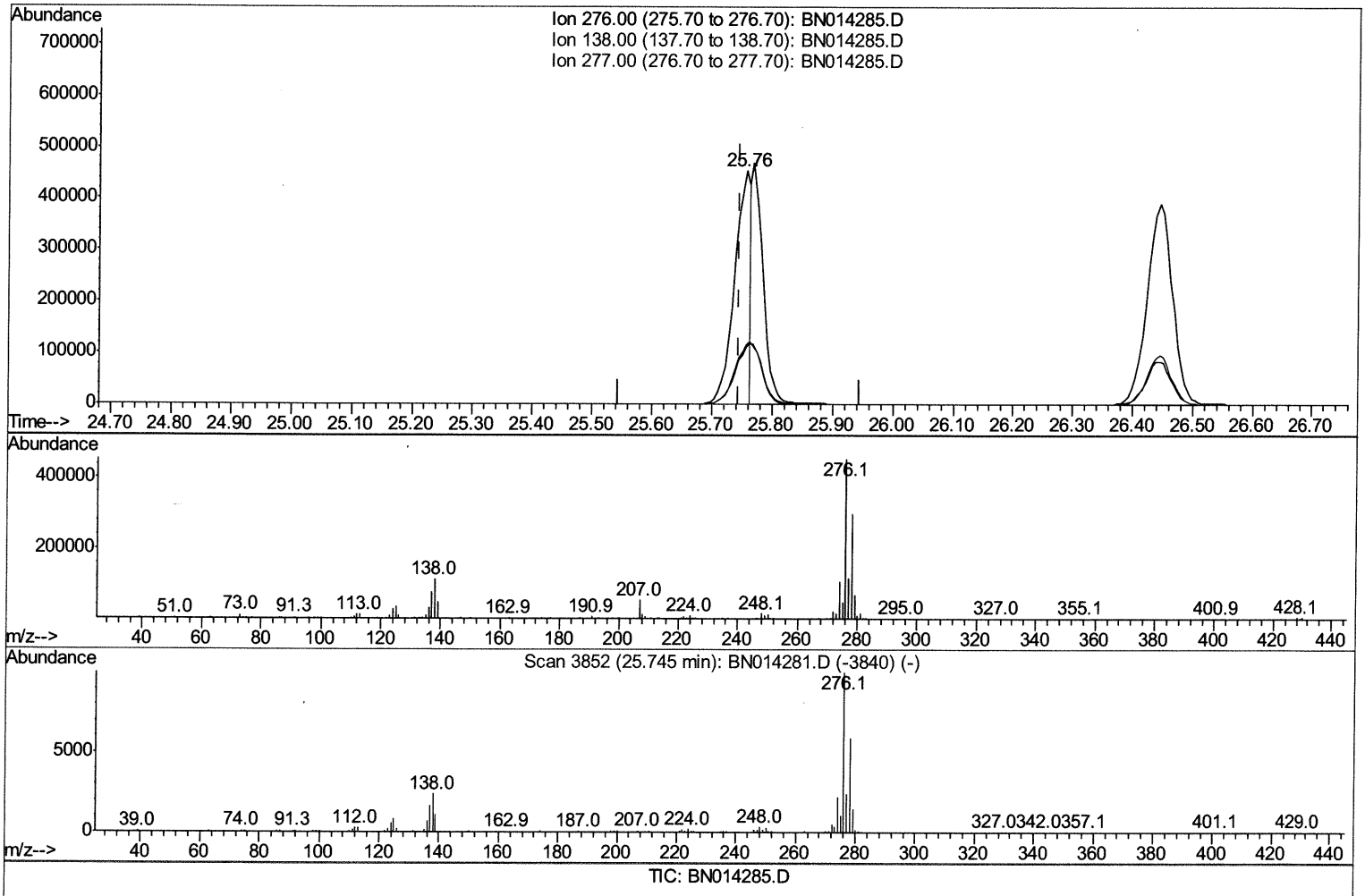

TIC: BN014285.D

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

25.756min (+0.012) 10.59ng/ul

response 852604

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	24.56
277.00	24.10	25.31
0.00	0.00	0.00

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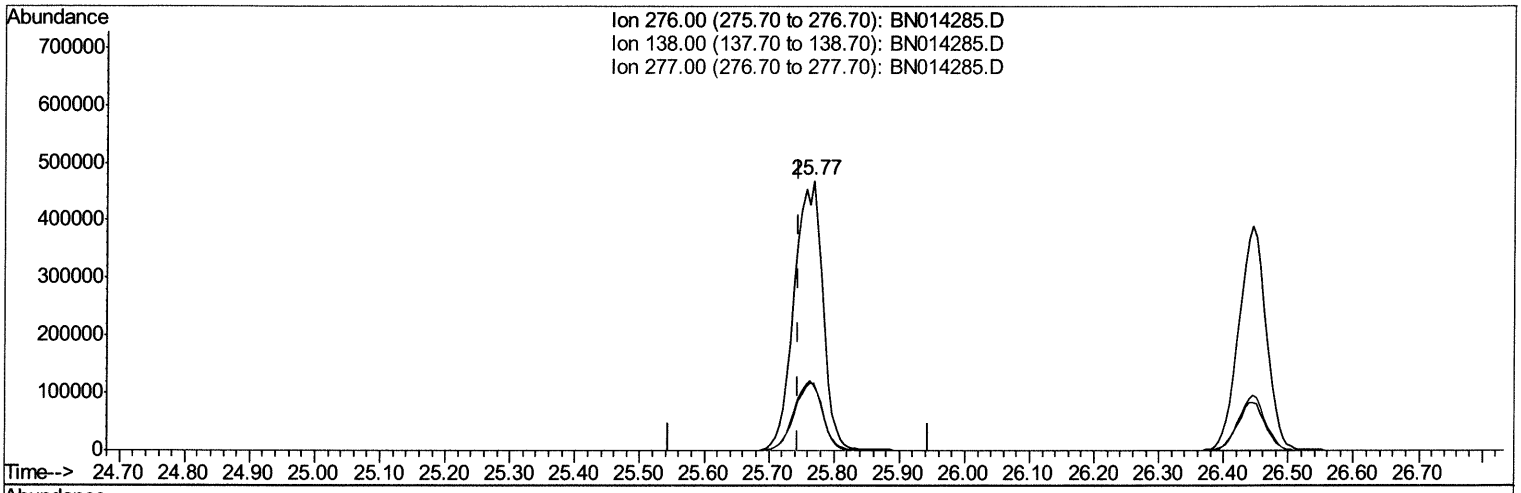

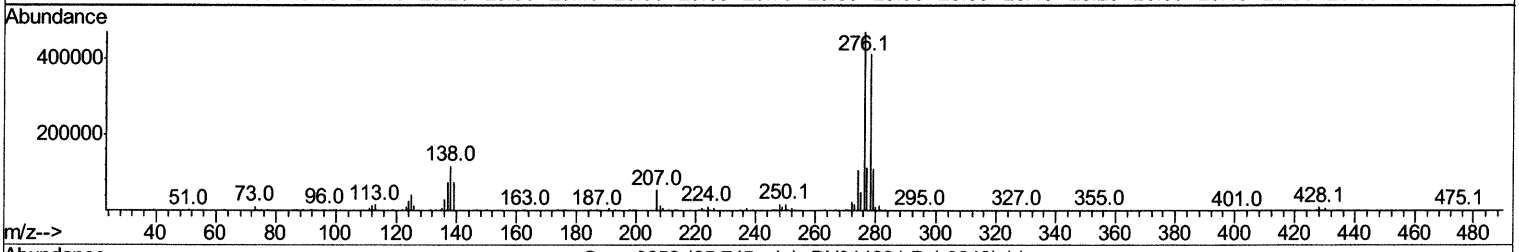

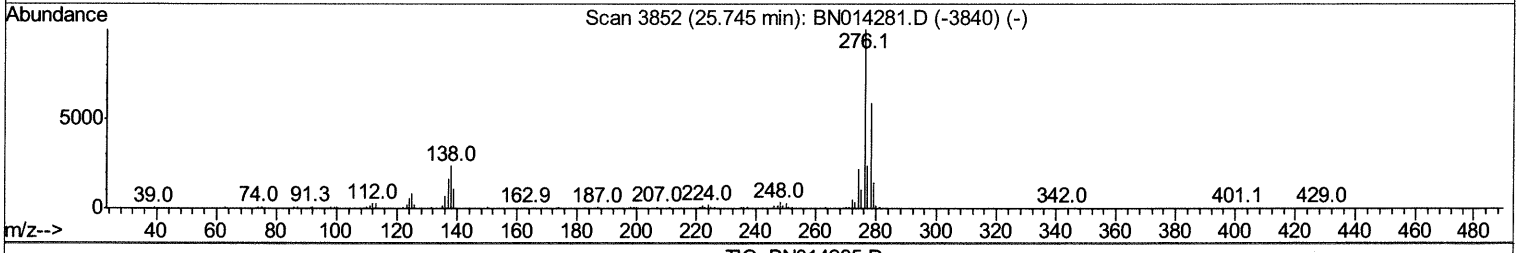

TIC: BN014285.D

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

25.768min (+0.023) 17.80ng/ul m 04/21/21 JU

response 1432538

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	24.96
277.00	24.10	24.13
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	7.69	152	188779	20.00	ng/ul	0.00
20) Naphthalene-d8	10.47	136	766805	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.33	164	450808	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.08	188	940701	20.00	ng/ul	0.00
79) Chrysene-d12	21.28	240	1011528	20.00	ng/ul	0.00
88) Perylene-d12	23.51	264	1025862	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	34624	6.98	ng/uL	0.00
4) Pyridine-d5	3.62	84	228788	17.41	ng/ul	0.00
7) Phenol-d5	6.86	99	277330	17.57	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.03	67	165478	17.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.23	132	230340	18.56	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	213475	17.84	ng/ul	0.00
21) Nitrobenzene-d5	8.84	128	105192	18.98	ng/ul	0.00
24) 2-Nitrophenol-d4	9.56	143	105588	19.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	217907	18.64	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	299267	17.26	ng/ul	0.00
46) Dimethylphthalate-d6	13.75	166	602997	18.46	ng/ul	0.00
49) Acenaphthylene-d8	14.02	160	712083	18.12	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	112197	17.71	ng/ul	0.00
60) Fluorene-d10	15.33	176	517052	17.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.44	200	83842	16.65	ng/ul	0.00
73) Anthracene-d10	17.18	188	790657	18.01	ng/ul	0.00
81) Pyrene-d10	19.48	212	896310	18.25	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	967016	17.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	36187	7.162	ng/uL	98
5) Pyridine	3.64	79	235290	17.423	ng/ul	95
6) Benzaldehyde	6.84	77	179963	22.585	ng/ul	99
8) Phenol	6.89	94	300651	17.722	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	235911	17.682	ng/ul	99
12) 2-Chlorophenol	7.26	128	244661	18.434	ng/ul	98
13) 2-Methylphenol	8.13	108	218475	17.760	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.23	45	263084	17.838	ng/ul	99
16) Acetophenone	8.50	105	366307	18.217	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.50	70	176298	18.857	ng/ul	98
18) 4-Methylphenol	8.46	108	239532	17.980	ng/ul	100
19) Hexachloroethane	8.76	117	102076	18.297	ng/ul	99
22) Nitrobenzene	8.88	77	269222	18.367	ng/ul	100
23) Isophorone	9.40	82	464170	18.829	ng/ul	100
25) 2-Nitrophenol	9.59	139	124756	19.458	ng/ul	99
26) 2,4-Dimethylphenol	9.65	107	259311	18.167	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.89	93	304287	18.118	ng/ul	98
29) 2,4-Dichlorophenol	10.12	162	224915	18.749	ng/ul	98
30) Naphthalene	10.52	128	766247	18.029	ng/ul	100
32) 4-Chloroaniline	10.63	127	312605	17.519	ng/ul	99
33) Hexachlorobutadiene	10.81	225	147442	18.825	ng/ul	92
34) Caprolactam	11.38	113	60761	18.172	ng/ul	96

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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	11.76	107	223305	18.833	ng/ul	99
36) 2-Methylnaphthalene	12.14	142	524154	18.101	ng/ul	98
37) 1-Methylnaphthalene	12.36	142	519467	18.014	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	271034	17.763	ng/ul	96
40) Hexachlorocyclopentadiene	12.50	237	163231	17.227	ng/ul	100
41) 2,4,6-Trichlorophenol	12.75	196	163654	18.557	ng/ul	97
42) 2,4,5-Trichlorophenol	12.82	196	175173	17.899	ng/ul	99
43) 1,1'-Biphenyl	13.16	154	666153	17.967	ng/ul	98
44) 2-Chloronaphthalene	13.20	162	520042	17.943	ng/ul	100
45) 2-Nitroaniline	13.40	65	128088	19.063	ng/ul	96
47) Dimethylphthalate	13.79	163	624529	18.421	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	114311	19.226	ng/ul	100
50) Acenaphthylene	14.05	152	768393	18.382	ng/ul	100
51) 3-Nitroaniline	14.23	138	132259	18.053	ng/ul	96
52) Acenaphthene	14.40	153	549343	18.016	ng/ul	99
53) 2,4-Dinitrophenol	14.44	184	55272	15.926	ng/ul	94
55) 4-Nitrophenol	14.54	109	94774	17.462	ng/ul	99
56) Dibenzofuran	14.73	168	746458	17.591	ng/ul	99
57) 2,4-Dinitrotoluene	14.69	165	168194	19.582	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.96	232	145374	18.881	ng/ul	99
59) Diethylphthalate	15.16	149	632931	18.250	ng/ul	100
61) Fluorene	15.38	166	626798	18.222	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.38	204	309084	18.247	ng/ul	98
63) 4-Nitroaniline	15.40	138	135813	19.045	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.46	198	89054	16.705	ng/ul#	99
67) N-Nitrosodiphenylamine	15.59	169	530538	18.126	ng/ul	97
68) 4-Bromophenyl-phenylether	16.28	248	177111	17.797	ng/ul	92
69) Hexachlorobenzene	16.39	284	212909	17.923	ng/ul	96
70) Atrazine	16.55	200	182039	17.501	ng/ul	98
71) Pentachlorophenol	16.73	266	115660	16.745	ng/ul	91
72) Phenanthrene	17.12	178	978373	17.814	ng/ul	99
74) Anthracene	17.22	178	993926	17.816	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.12	216	269527	17.399	ng/uL	96
76) Pentachlorobenzene	14.65	250	274590	17.835	ng/uL	93
77) Carbazole	17.48	167	876513	17.368	ng/ul	100
78) Di-n-butylphthalate	18.06	149	1012324	18.539	ng/ul	99
80) Fluoranthene	19.14	202	1105192	17.812	ng/ul	99
82) Pyrene	19.51	202	1170270	17.713	ng/ul	98
83) Butylbenzylphthalate	20.42	149	423544	19.524	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.20	252	374771	20.716	ng/ul	91
85) Benzo(a)anthracene	21.26	228	1176186	17.996	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.21	149	700887	19.823	ng/ul#	98
87) Chrysene	21.32	228	1143981	18.057	ng/ul	95
89) Di-n-octyl phthalate	22.09	149	1131087	17.659	ng/ul	100
90) Benzo(b)fluoranthene	22.84	252	1211543	17.653	ng/ul	99
91) Benzo(k)fluoranthene	22.89	252	1199840	17.562	ng/ul	99
93) Benzo(a)pyrene	23.42	252	1095821	18.047	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.77	276	1432538m	> 17.800	ng/ul	> 04/28/21 JU
95) Dibenzo(a,h)anthracene	25.77	278	1219208	18.351	ng/ul	99
96) Benzo(g,h,i)perylene	26.44	276	1146859	17.634	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