

(QT Reviewed)

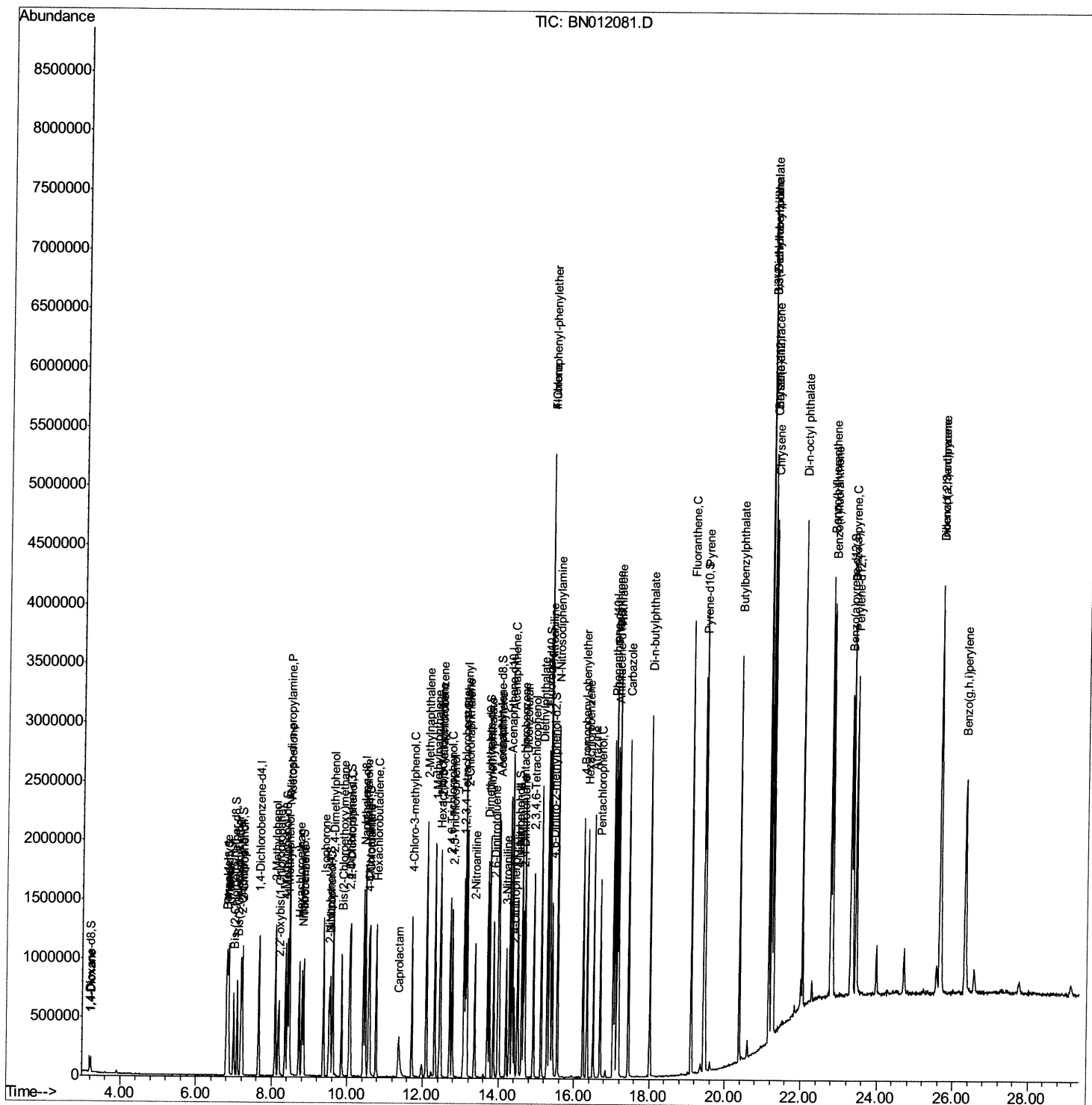
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\  
Data File : BN012081.D  
Acq On    : 06 Oct 2020   06:51  
Operator  : CG/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 27      Sample Multiplier: 1
```

Instrument :
BNA_N
LabSampleId :
SSTD02062

Manual Integrations APPROVED

mohammad
10/7/2020 10:37:10 AM

Quant Time: Oct 06 11:09:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 16:22:43 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

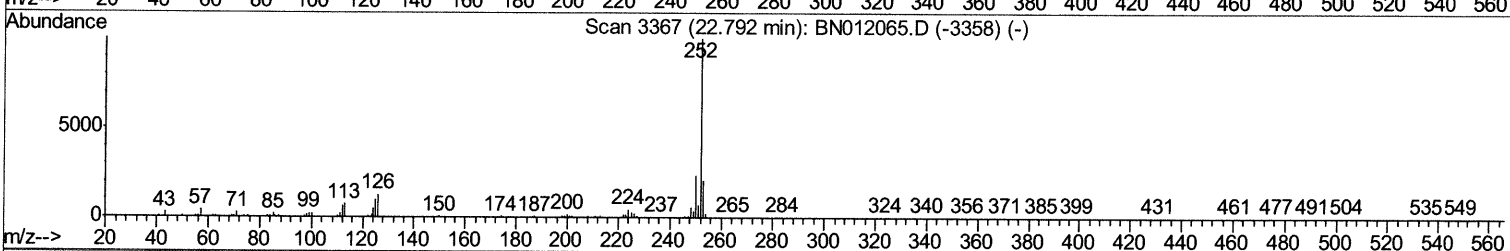
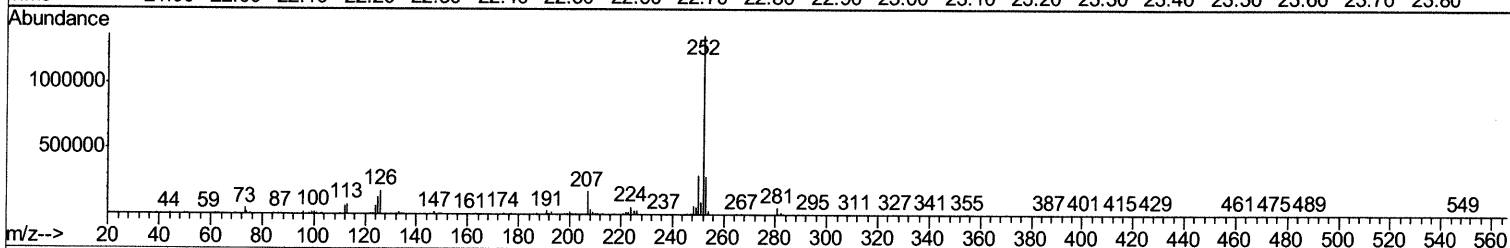
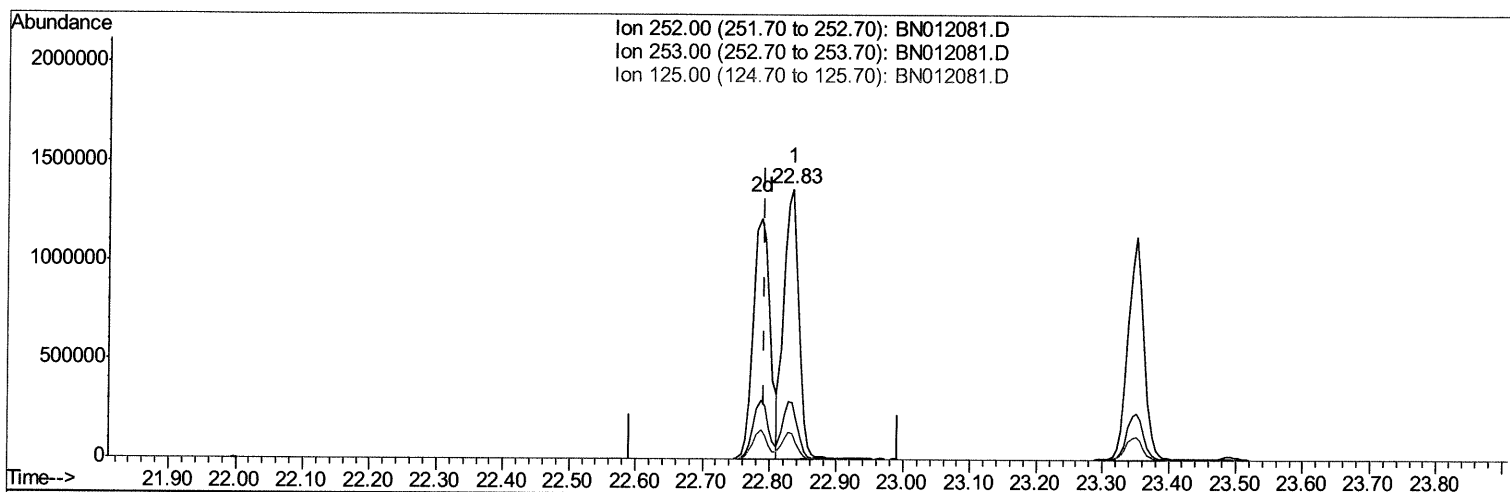
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TIC: BN012081.D

(88) Benzo(b)fluoranthene

22.833min (+0.042) 17.05ng/ul

response 2110883

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	20.97
125.00	10.10	9.77
0.00	0.00	0.00

Quantitation Report (Qedit)

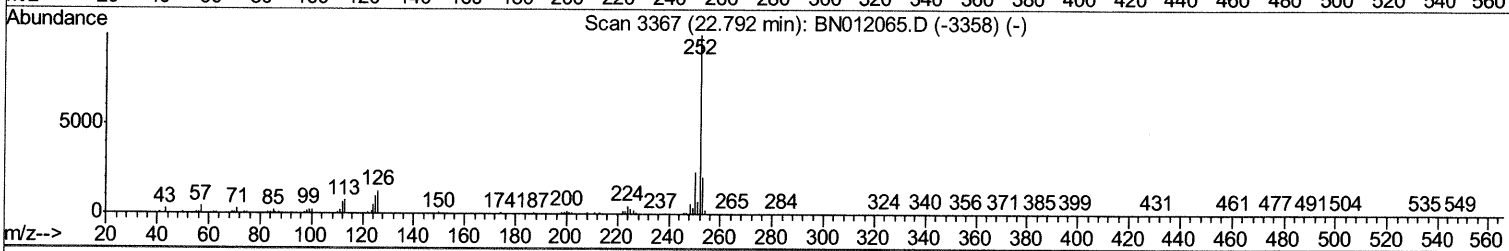
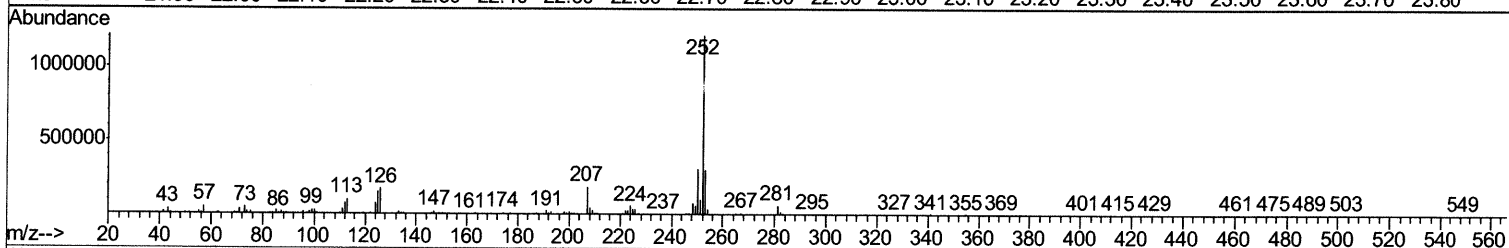
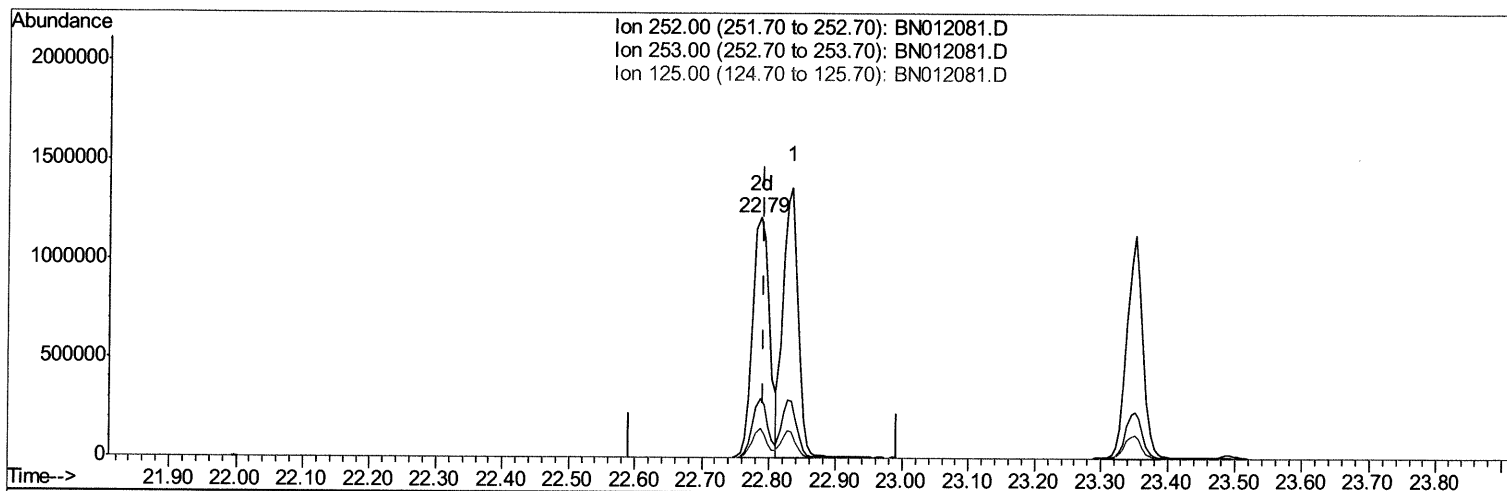
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TIC: BN012081.D

(88) Benzo(b)fluoranthene

22.786min (-0.005) 17.39ng/ul m 10/08/20 JU

response 2153198

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.69
125.00	10.10	12.13#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	294180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1204712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	772756	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1616798	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1604548	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1767392	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	58455	8.65	ng/uL	0.00
5) Phenol-d5	6.83	99	479488	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	299010	19.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	384020	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	392354	20.30	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	186149	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	205620	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	390650	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	501984	21.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1129547	18.63	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1395915	19.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	204212	18.29	ng/ul	0.00
58) Fluorene-d10	15.29	176	1008496	19.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	183381	17.77	ng/ul	0.00
71) Anthracene-d10	17.14	188	1486316	18.96	ng/ul	0.00
79) Pyrene-d10	19.44	212	1635072	19.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1774857	17.89	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.23	88	62620	7.377	ng/uL	96
4) Benzaldehyde	6.80	77	320928	22.707	ng/ul	95
6) Phenol	6.86	94	516408	20.221	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	405587	19.547	ng/ul	97
10) 2-Chlorophenol	7.22	128	419547	20.431	ng/ul	98
11) 2-Methylphenol	8.10	108	385577	20.326	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	533937	19.953	ng/ul	96
14) Acetophenone	8.47	105	649828	21.097	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.46	70	329625	21.325	ng/ul	98
16) 4-Methylphenol	8.42	108	420110	20.653	ng/ul	94
17) Hexachloroethane	8.73	117	175824	18.819	ng/ul	99
20) Nitrobenzene	8.85	77	497232	18.806	ng/ul	99
21) Isophorone	9.37	82	868428	19.595	ng/ul	99
23) 2-Nitrophenol	9.55	139	228800	19.995	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	487028	19.614	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.85	93	541451	19.469	ng/ul	97
27) 2,4-Dichlorophenol	10.08	162	398486	19.834	ng/ul	97
28) Naphthalene	10.48	128	1339670	19.429	ng/ul	99
30) 4-Chloroaniline	10.59	127	507640	21.549	ng/ul	99
31) Hexachlorobutadiene	10.77	225	241274	17.737	ng/ul	97
32) Caprolactam	11.36	113	107896	19.475	ng/ul	90
33) 4-Chloro-3-methylphenol	11.72	107	448411	20.537	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	937956	19.794	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	873943	18.663	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	470256	18.785	ng/uL	95
38) Hexachlorocyclopentadiene	12.45	237	317544	17.940	ng/uL	96
39) 2,4,6-Trichlorophenol	12.72	196	310241	19.767	ng/uL	88
40) 2,4,5-Trichlorophenol	12.78	196	342497	20.229	ng/uL	91
41) 1,1'-Biphenyl	13.12	154	1226411	19.160	ng/uL	99
42) 2-Chloronaphthalene	13.16	162	951647	18.668	ng/uL	99
43) 2-Nitroaniline	13.37	65	289513	19.818	ng/uL	97
45) Dimethylphthalate	13.76	163	1185577	18.981	ng/uL	99
46) 2,6-Dinitrotoluene	13.87	165	232464	19.067	ng/uL	95
48) Acenaphthylene	14.02	152	1467719	19.306	ng/uL	97
49) 3-Nitroaniline	14.20	138	234777	21.104	ng/uL#	96
50) Acenaphthene	14.36	153	1052670	19.266	ng/uL	98
51) 2,4-Dinitrophenol	14.41	184	133387	17.945	ng/uL#	84
53) 4-Nitrophenol	14.51	109	194967	18.747	ng/uL	99
54) Dibenzofuran	14.70	168	1467704	19.689	ng/uL	98
55) 2,4-Dinitrotoluene	14.66	165	352313	19.907	ng/uL#	96
56) 2,3,4,6-Tetrachlorophenol	14.92	232	286932	20.304	ng/uL	94
57) Diethylphthalate	15.13	149	1216618	18.926	ng/uL	97
59) Fluorene	15.35	166	1198195	19.173	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.35	204	559781	18.352	ng/uL	95
61) 4-Nitroaniline	15.36	138	249250	20.735	ng/uL	91
64) 4,6-Dinitro-2-methylphenol	15.42	198	198992	17.730	ng/uL	99
65) N-Nitrosodiphenylamine	15.56	169	1034362	20.059	ng/uL	98
66) 4-Bromophenyl-phenylether	16.24	248	344320	18.621	ng/uL	98
67) Hexachlorobenzene	16.35	284	410786	19.039	ng/uL	93
68) Atrazine	16.52	200	350858	18.597	ng/uL	99
69) Pentachlorophenol	16.69	266	247857	19.375	ng/uL	99
70) Phenanthrene	17.09	178	1901004	19.300	ng/uL	99
72) Anthracene	17.17	178	1922850	19.333	ng/uL	97
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	451083	19.192	ng/uL	94
74) Pentachlorobenzene	14.62	250	452782	18.781	ng/uL	94
75) Carbazole	17.45	167	1690454	19.575	ng/uL	98
76) Di-n-butylphthalate	18.02	149	2116832	19.303	ng/uL	100
77) Fluoranthene	19.10	202	2097724	18.961	ng/uL	99
80) Pvrene	19.47	202	2194171	18.958	ng/uL	99
81) Butylbenzylphthalate	20.39	149	917909	19.291	ng/uL	95
82) 3,3'-Dichlorobenzidine	21.16	252	713902	19.124	ng/uL	95
83) Benzo(a)anthracene	21.23	228	2077008	19.215	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	1425391	19.519	ng/uL	100
85) Chrysene	21.28	228	2003022	18.849	ng/uL	99
87) Di-n-octyl phthalate	22.04	149	2340160	17.827	ng/uL	100
88) Benzo(b)fluoranthene	22.79	252	2153198m	17.391	ng/uL>	10/06/20 JU
89) Benzo(k)fluoranthene	22.83	252	2110883	17.308	ng/uL	97
91) Benzo(a)pyrene	23.35	252	1904458	16.957	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	2445711	17.054	ng/uL	96
93) Dibenzo(a,h)anthracene	25.67	278	2055632	17.399	ng/uL	99
94) Benzo(a,h,i)perylene	26.33	276	2067997	16.932	ng/uL	100

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