Quantitation Report (QT Reviewed)

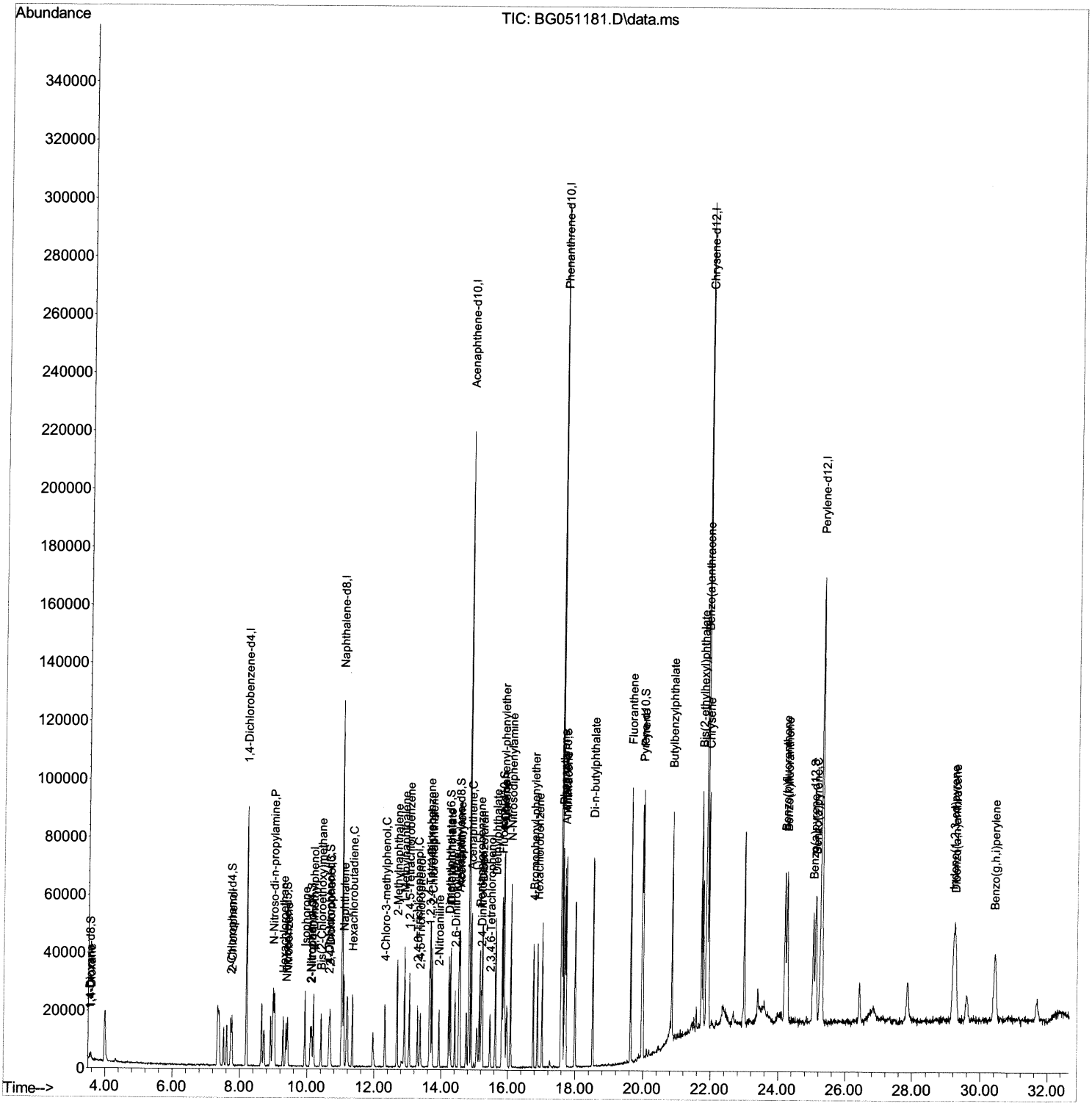
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051181.D
Acq On : 23 Nov 2021 10:54
Operator : CG/JU
Sample : SSTD00519
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:12:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 23 13:54:17 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005420

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/30/2021



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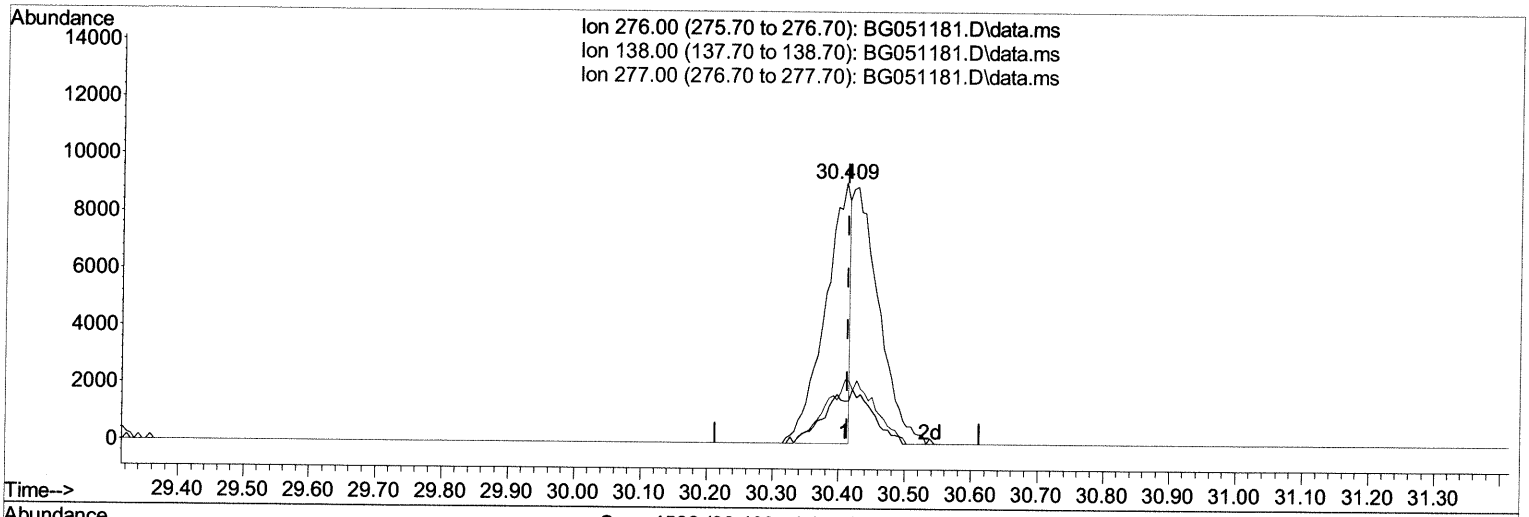

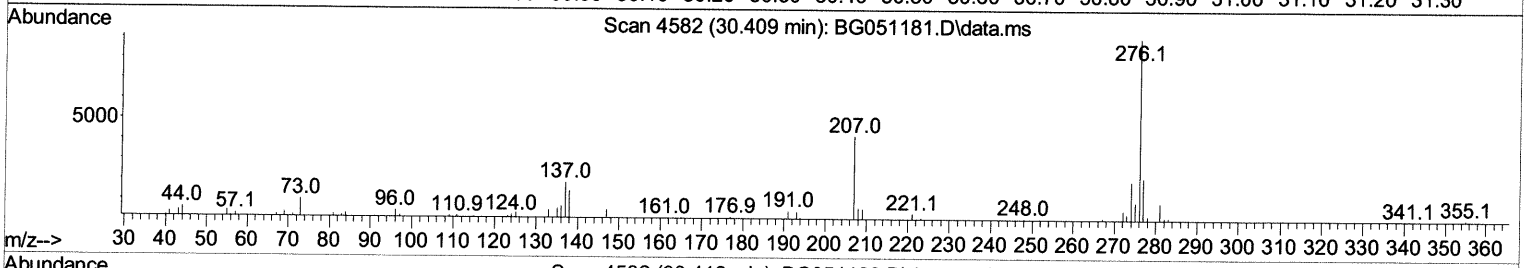

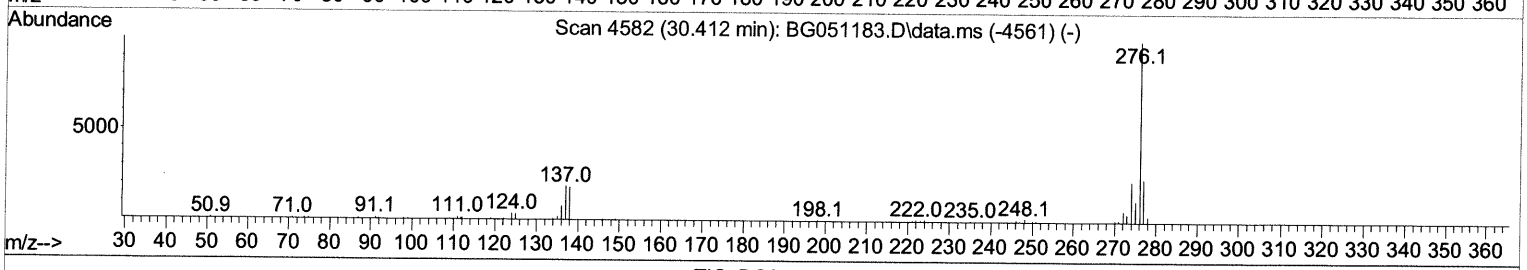

TIC: BG051181.D\data.ms

(96) Benzo(g,h,i)perylene

30.409min (-0.004) 2.22 ng/ul

response 24114

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	16.29#
277.00	22.00	24.39
0.00	0.00	0.00

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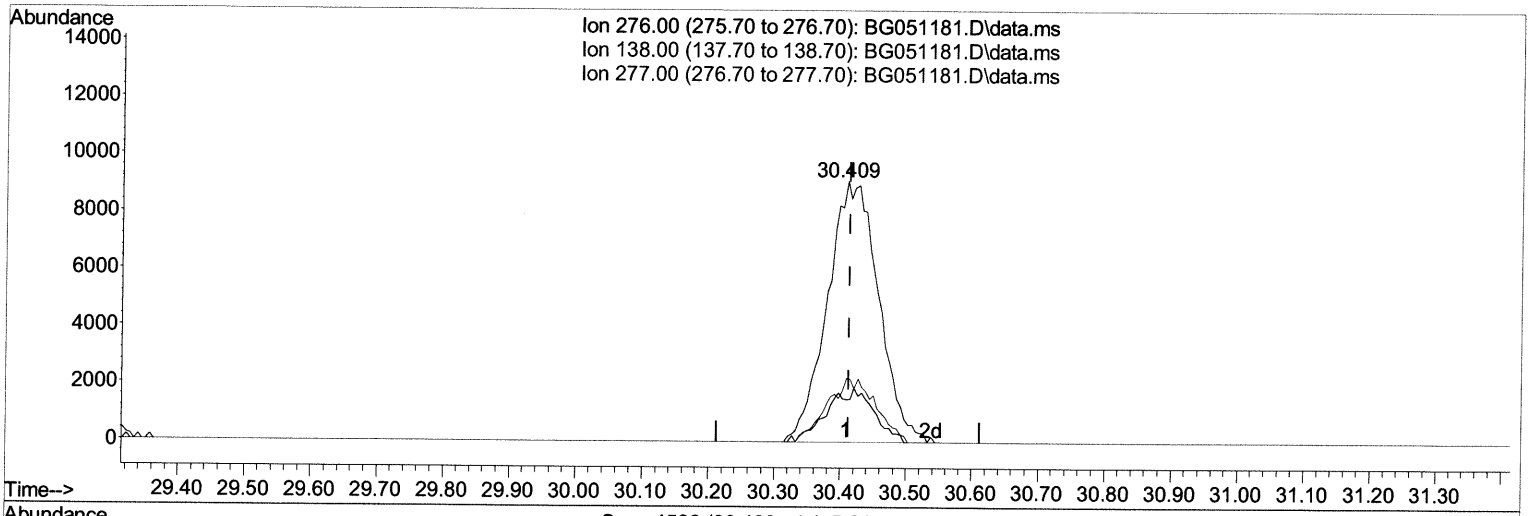

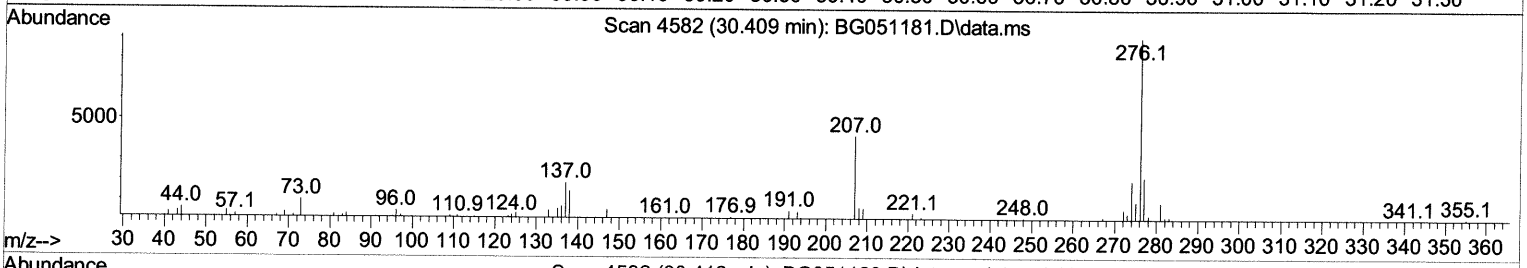

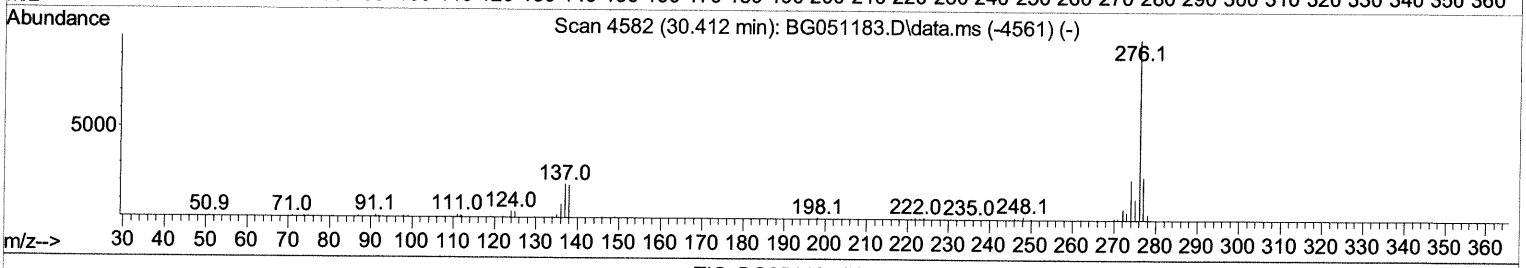

TIC: BG051181.D\data.ms

(96) Benzo(g,h,i)perylene

30.409min (-0.004) 4.50 ng/ul m 11/29/21 JU

response 48916

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	16.29#
277.00	22.00	24.39
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	24806	20.000	ng/ul	0.00
20) Naphthalene-d8	11.031	136	110087	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	76167	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.583	188	183381	20.000	ng/ul	0.00
79) Chrysene-d12	21.883	240	173875	20.000	ng/ul	0.00
88) Perylene-d12	25.279	264	171784	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	1301	1.693	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.729	132	7854	4.282	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.380	128	4001	4.277	ng/ul	0.00
24) 2-Nitrophenol-d4	10.103	143	4358	4.189	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.655	165	7555	4.312	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.228	166	27630	4.742	ng/ul	0.00
49) Acenaphthylene-d8	14.527	160	34634	4.770	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.820	176	25268	4.895	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.682	188	42220	4.870	ng/ul	0.00
81) Pyrene-d10	19.962	212	48926	4.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.039	264	42231	4.447	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	1540	1.824	ng/uL#	86
12) 2-Chlorophenol	7.765	128	8220	4.414	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.999	70	7871	4.031	ng/ul#	96
19) Hexachloroethane	9.286	117	3637	4.671	ng/ul	88
22) Nitrobenzene	9.422	77	10939	4.193	ng/ul	96
23) Isophorone	9.939	82	21291	4.205	ng/ul	96
25) 2-Nitrophenol	10.138	139	4841	4.639	ng/ul	93
26) 2,4-Dimethylphenol	10.191	107	10471	4.559	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.415	93	11621	4.259	ng/ul	99
29) 2,4-Dichlorophenol	10.685	162	8130	4.757	ng/ul	89
30) Naphthalene	11.078	128	28847	4.792	ng/ul	98
33) Hexachlorobutadiene	11.343	225	5818	5.186	ng/ul	94
35) 4-Chloro-3-methylphenol	12.306	107	9241	4.232	ng/ul#	83
36) 2-Methylnaphthalene	12.671	142	18761	4.575	ng/ul	95
37) 1-Methylnaphthalene	12.888	142	19978	4.808	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.035	216	11065	4.986	ng/ul	96
41) 2,4,6-Trichlorophenol	13.282	196	6446	4.439	ng/ul	97
42) 2,4,5-Trichlorophenol	13.364	196	6801	4.362	ng/ul	99
43) 1,1'-Biphenyl	13.664	154	27080	4.864	ng/ul#	97
44) 2-Chloronaphthalene	13.717	162	21667	4.966	ng/ul	99
45) 2-Nitroaniline	13.928	65	6479	3.738	ng/ul#	83
47) Dimethylphthalate	14.275	163	28791	4.941	ng/ul	99
48) 2,6-Dinitrotoluene	14.410	165	5505	4.514	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.557	152	35287	4.850	ng/ul	98
52) Acenaphthene	14.898	153	23144	4.837	ng/ul	97
56) Dibenzofuran	15.232	168	34092	4.978	ng/ul	95
57) 2,4-Dinitrotoluene	15.203	165	7873	4.524	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.467	232	4952	4.042	ng/ul#	90
59) Diethylphthalate	15.626	149	30526	4.894	ng/ul	99
61) Fluorene	15.879	166	27583	5.089	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.861	204	14678	5.200	ng/ul	97
67) N-Nitrosodiphenylamine	16.078	169	24318	4.744	ng/ul	96
68) 4-Bromophenyl-phenylether	16.760	248	8987	4.927	ng/ul	92
69) Hexachlorobenzene	16.883	284	9311	4.965	ng/ul	98
72) Phenanthrene	17.624	178	49305	5.037	ng/ul	98
74) Anthracene	17.718	178	49787	5.069	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.640	216	11680	4.678	ng/uL	95
76) Pentachlorobenzene	15.150	250	10977	4.745	ng/uL	94
78) Di-n-butylphthalate	18.517	149	54475	4.709	ng/ul	97
80) Fluoranthene	19.627	202	60311	4.475	ng/ul	97
82) Pyrene	19.992	202	60152	4.568	ng/ul	98
83) Butylbenzylphthalate	20.849	149	23895	4.220	ng/ul	95
85) Benzo(a)anthracene	21.860	228	55572	4.617	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.725	149	33997	4.182	ng/ul#	99
87) Chrysene	21.930	228	53736	4.673	ng/ul	98
90) Benzo(b)fluoranthene	24.198	252	53459	4.368	ng/ul	97
91) Benzo(k)fluoranthene	24.263	252	52138	4.540	ng/ul	99
93) Benzo(a)pyrene	25.121	252	51609	4.428	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.192	276	57565	4.437	ng/ul	96
95) Dibenzo(a,h)anthracene	29.245	278	48915	4.456	ng/ul	94
96) Benzo(g,h,i)perylene	30.409	276	48916m	4.504	ng/ul	

11/29/21 JU

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