Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060619\
Data File : BM020759.D
Acq On : 06 Jun 2019 10:41
Operator : HP/JU
Sample : SSTD00511
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 13:10:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:49:31 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD00511

Manual Integrations APPROVED
mohammad
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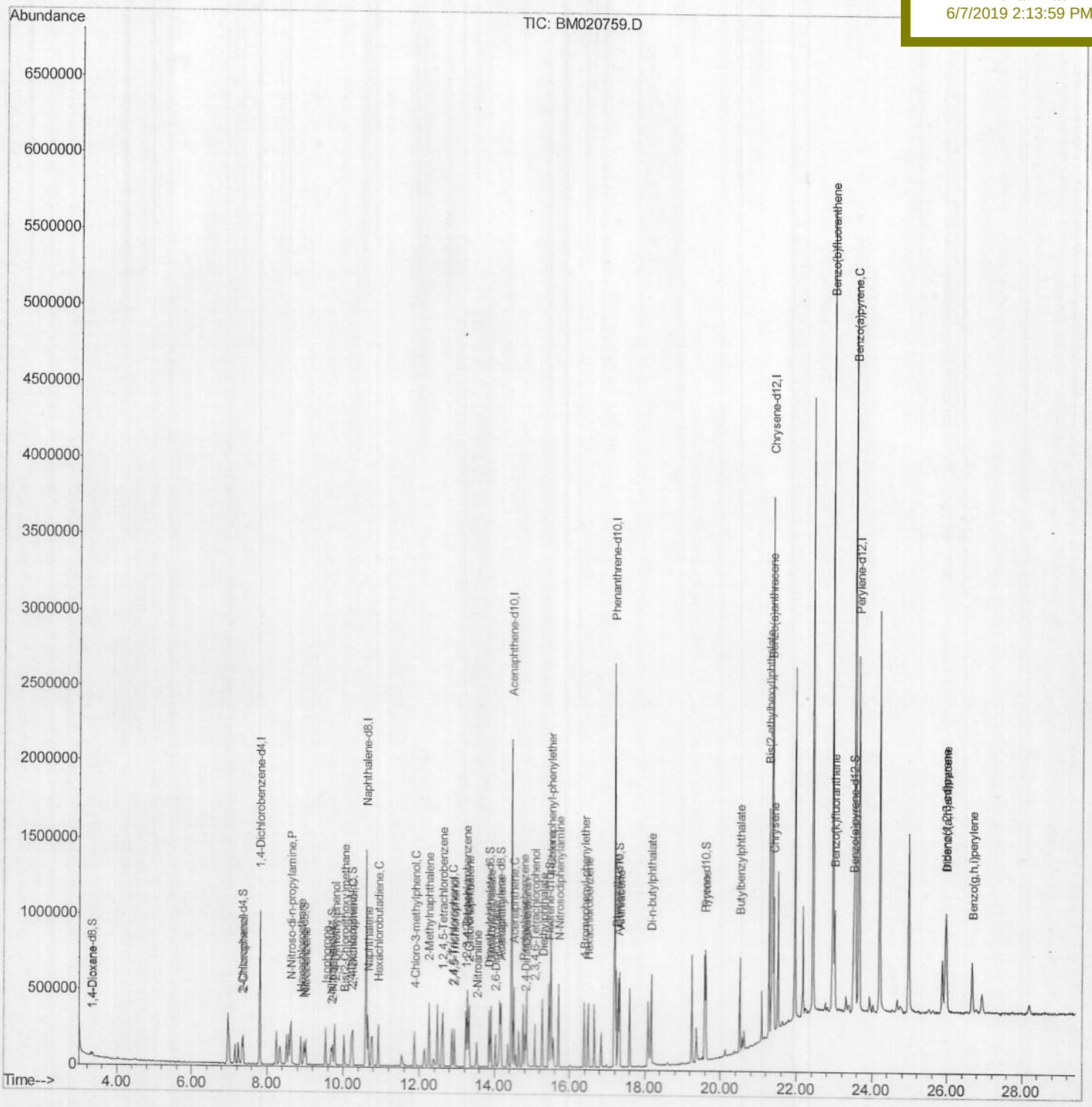

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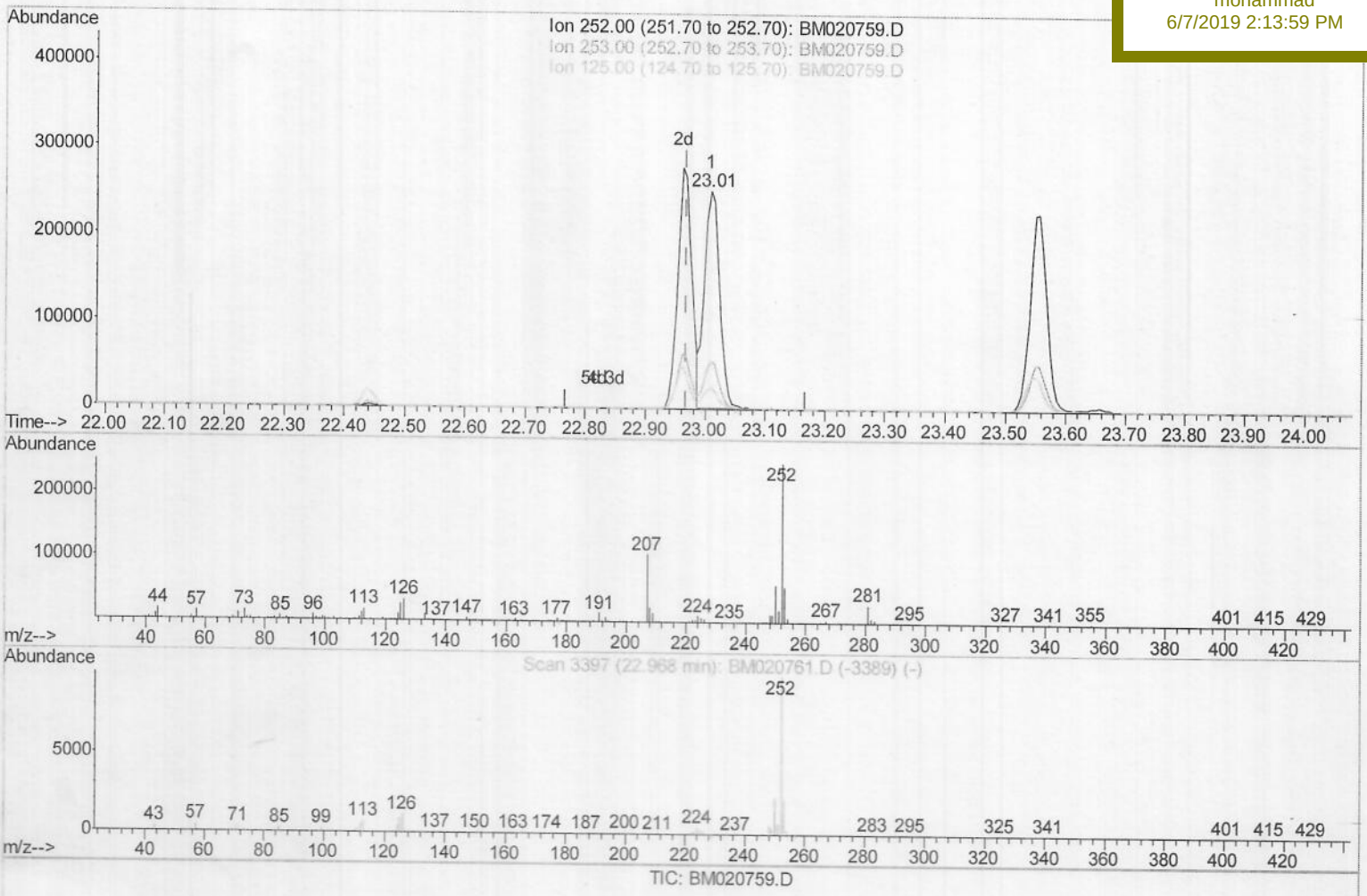

TIC: BM020759.D

(87) Benzo(b)fluoranthene

23.009min (+0.041) 4.62ng/ul

response 439153

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.16
125.00	9.10	10.15
0.00	0.00	0.00

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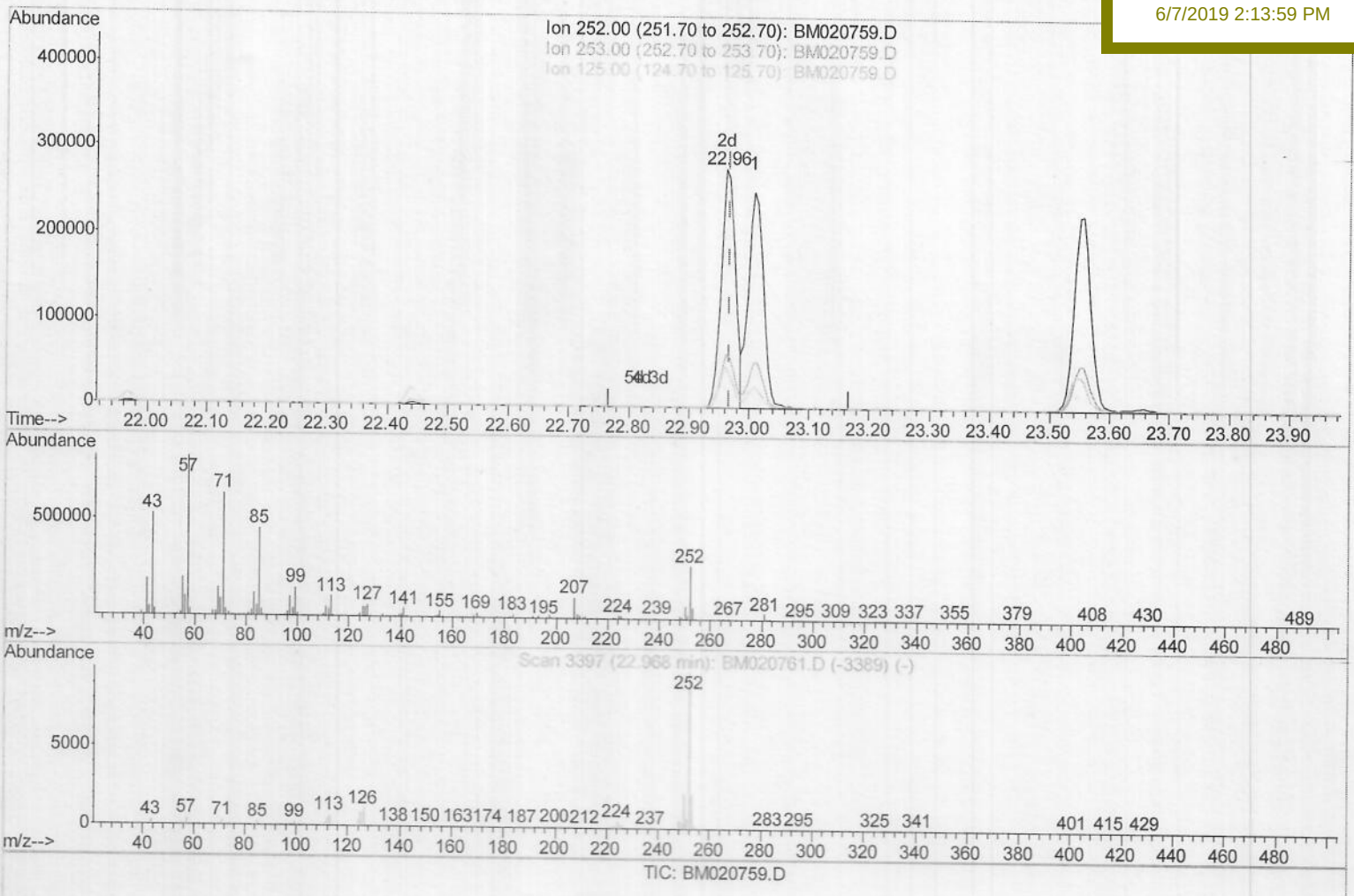

(87) Benzo(b)fluoranthene

22.962min (-0.006) 4.81ng/ul m

response 457811

JU 06/10/19

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.09
125.00	9.10	17.74#
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	7.81	152	275501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1167092	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	698662	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1555850	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1491625	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1666454	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	11432	1.53	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.34	132	75499	4.68	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.97	128	35645	4.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	34066	4.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	73637	4.16	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.86	166	245400	4.88	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	297318	4.73	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.44	176	208082	4.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.29	188	321463	4.82	ng/ul	0.00
78) Pyrene-d10	19.59	212	338461	4.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	347526	4.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	11714	1.504	ng/uL	95
10) 2-Chlorophenol	7.37	128	79149	4.812	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.62	70	64168	4.115	ng/ul	98
17) Hexachloroethane	8.89	117	34060	4.384	ng/ul	93
20) Nitrobenzene	9.02	77	92417	3.737	ng/ul	99
21) Isophorone	9.53	82	170087	3.975	ng/ul	98
23) 2-Nitrophenol	9.72	139	38412	4.240	ng/ul	99
24) 2,4-Dimethylphenol	9.77	107	89885	4.327	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.02	93	109076	4.712	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	74600	4.330	ng/ul	98
28) Naphthalene	10.65	128	263116	4.907	ng/ul	99
31) Hexachlorobutadiene	10.93	225	53612	3.575	ng/ul	97
33) 4-Chloro-3-methylphenol	11.88	107	76633	4.401	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	192054	4.947	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	105564	4.191	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	57900	3.934	ng/ul	94
39) 2,4,5-Trichlorophenol	12.94	196	61830	4.252	ng/ul	98
40) 1,1'-Biphenyl	13.28	154	252806	5.054	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	194667	4.888	ng/ul	97
42) 2-Nitroaniline	13.53	65	44239	4.337	ng/ul	95
44) Dimethylphthalate	13.90	163	244407	4.915	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	38462	4.431	ng/ul	90
47) Acenaphthylene	14.17	152	291658	4.919	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.51	153	211250	5.183	ng/ul	99
53) Dibenzofuran	14.85	168	300622	4.870	ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	57176	4.304	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.07	232	53133	3.631	ng/ul#	99
56) Diethylphthalate	15.27	149	242572	5.044	ng/ul	100
58) Fluorene	15.50	166	237197	4.797	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	127171	4.383	ng/ul	99
64) N-Nitrosodiphenylamine	15.71	169	202295	5.255	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	75216	4.431	ng/ul	94
66) Hexachlorobenzene	16.49	284	86819	4.364	ng/ul	99
69) Phenanthrene	17.23	178	373425	5.037	ng/ul	99
71) Anthracene	17.33	178	377120	5.001	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	104970	4.417	ng/uL	99
73) Pentachlorobenzene	14.76	250	99483	4.302	ng/uL	94
75) Di-n-butylphthalate	18.16	149	416394	5.993	ng/ul	99
79) Pyrene	19.62	202	428721	4.789	ng/ul	99
80) Butylbenzylphthalate	20.52	149	171512	6.110	ng/ul	98
82) Benzo(a)anthracene	21.36	228	438433	4.884	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	379889	9.324	ng/ul#	98
84) Chrysene	21.41	228	409138	4.769	ng/ul	99
87) Benzo(b)fluoranthene	22.96	252	457811m	4.814	ng/ul	
88) Benzo(k)fluoranthene	23.01	252	439382	4.703	ng/ul	99
90) Benzo(a)pyrene	23.56	252	443954	4.960	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.96	276	497672	4.880	ng/ul	98
92) Dibenzo(a,h)anthracene	25.98	278	421944	4.838	ng/ul	99
93) Benzo(g,h,i)perylene	26.67	276	405587	4.804	ng/ul	96

JU 06/10/19

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