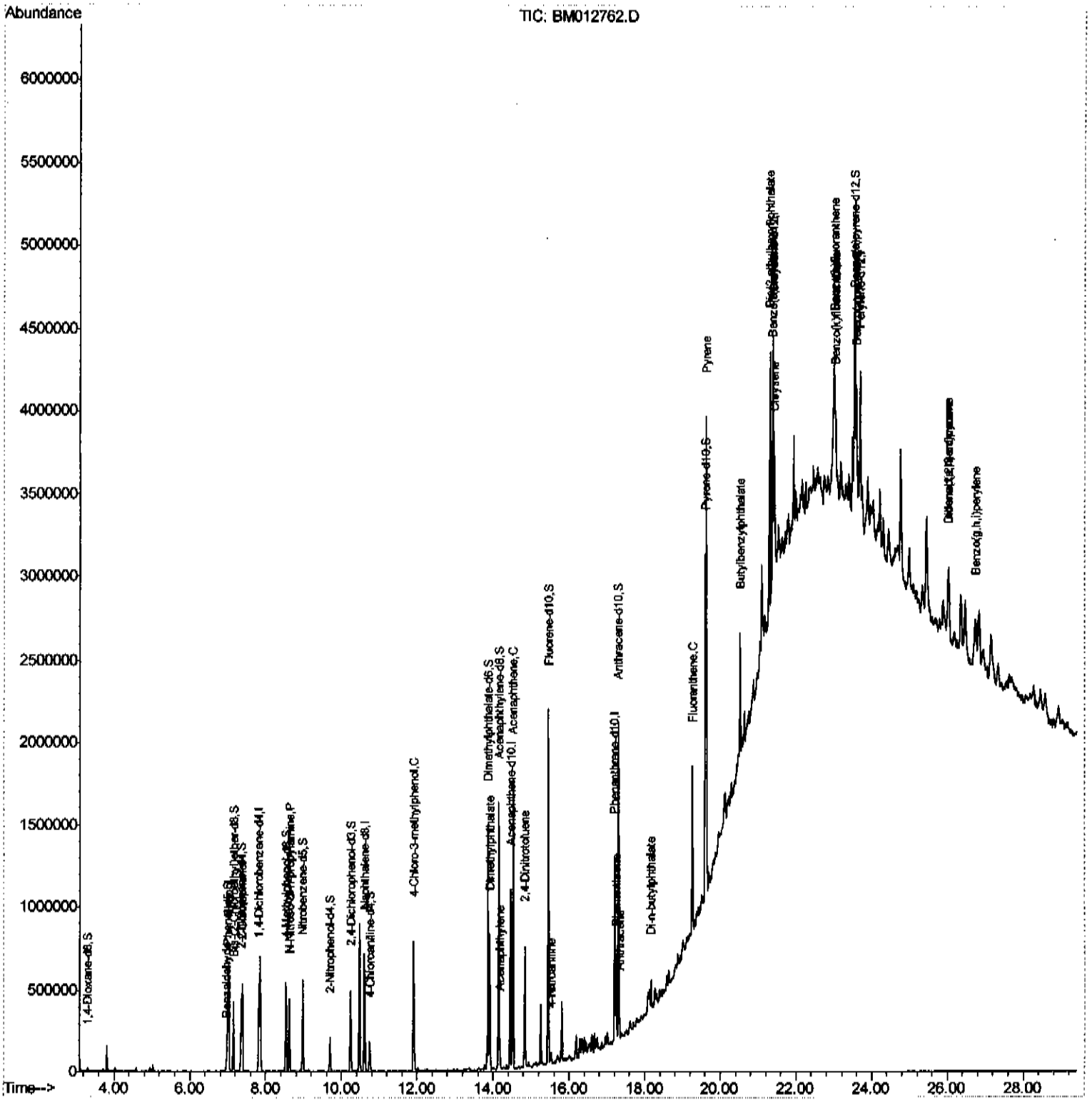
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012762.D
Acq On : 06 Nov 2017 05:11
Operator : SJ/JU
Sample : I5825-14MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 06 07:50:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MS

Manual Integrations APPROVED
Sohil
11/6/2017 4:29:02 PM



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Misc :
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Quant Time: Nov 06 07:24:26 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
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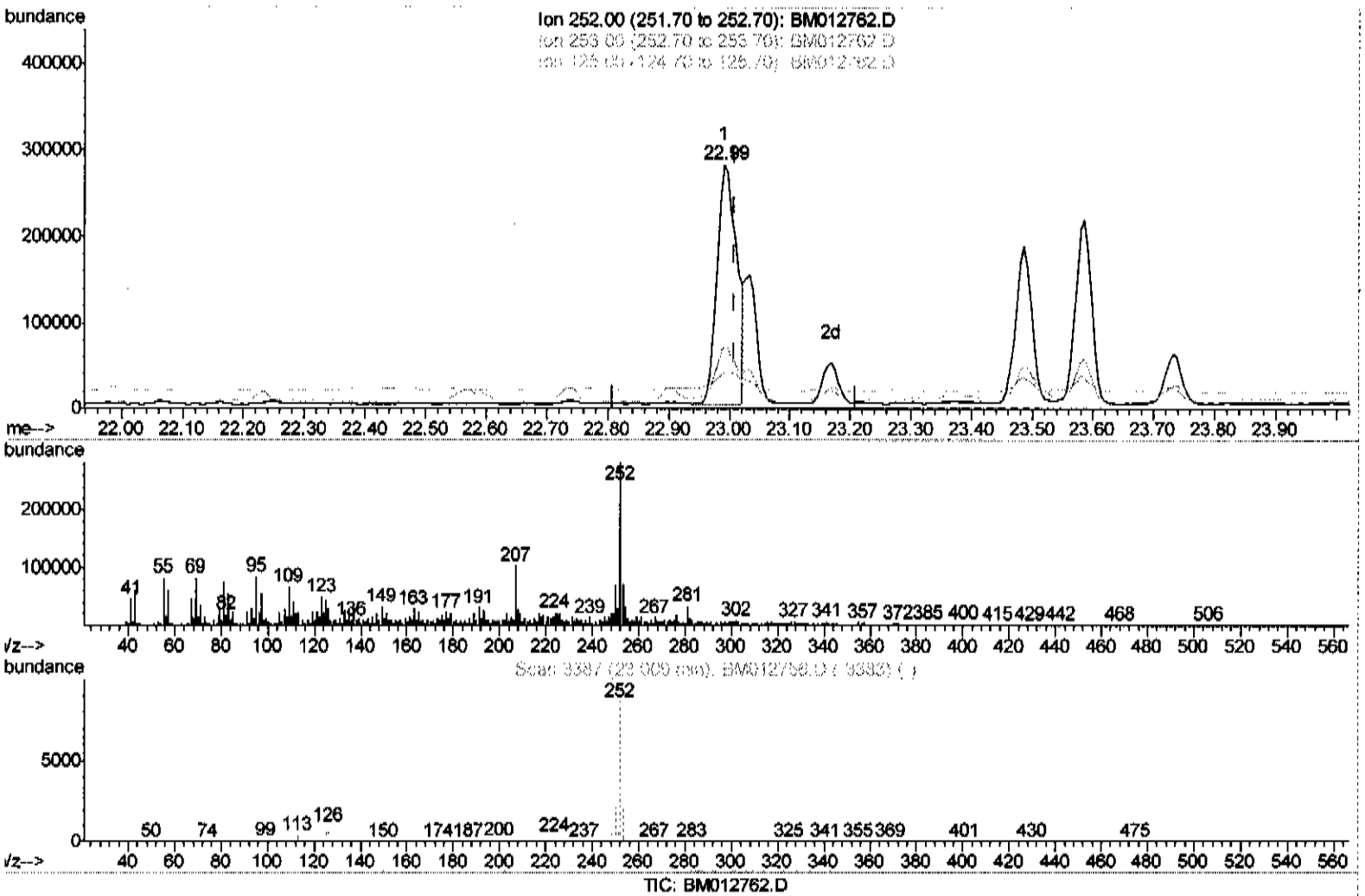
11/6/2017 4:29:02 PM



TIC: BM012762.D

(88) Benzo(k)fluoranthene

22.992min (-0.018) 15.48ng/ul

response 638375

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.65
125.00	10.20	15.04#
0.00	0.00	0.00

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Sohil
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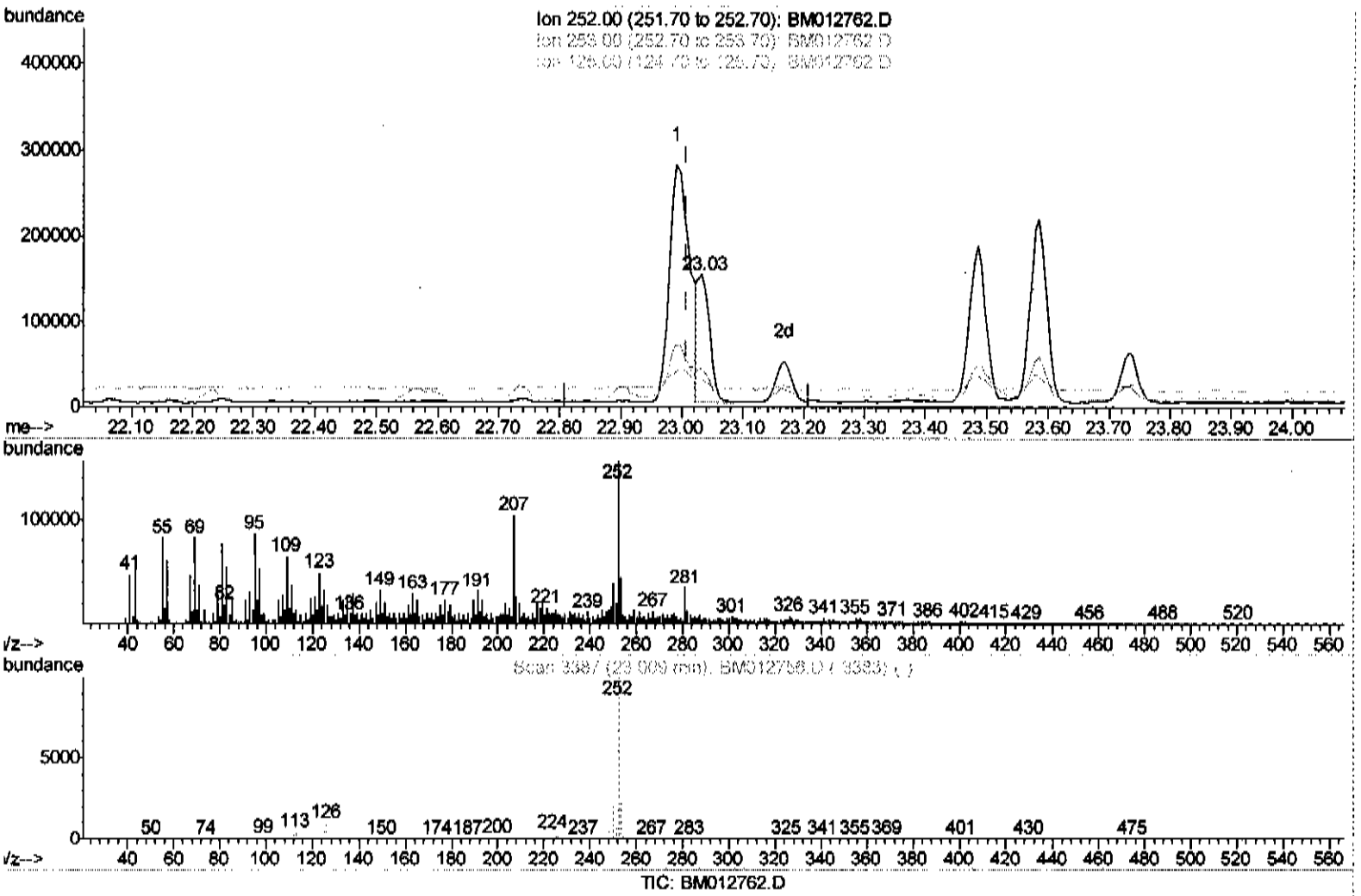

(88) Benzo(k)fluoranthene

23.033min (+0.024) 5.15ng/ul m JJ 11/7/17

response 212210

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	28.65#
125.00	10.20	21.08#
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	7.82	152	146031	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	602952	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	360100	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	679433	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	618353	20.00	ng/ul	0.01
85) Perylene-d12	23.69	264	709976	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	13242	4.90	ng/uL	0.00
5) Phenol-d5	7.00	99	285777	26.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	172781	29.34	ng/ul	0.01
9) 2-Chlorophenol-d4	7.35	132	220536	24.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	211905	22.59	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	141945	31.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	72892	14.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	201597	19.29	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	116027	11.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	995248	33.40	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1222203	33.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	223	0.05	ng/ul	0.00
57) Fluorene-d10	15.45	176	828154	32.45	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	1294	0.29	ng/ul	-0.06
70) Anthracene-d10	17.30	188	1096545	33.40	ng/ul	0.00
78) Pyrene-d10	19.60	212	999180	34.82	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	1130503	33.68	ng/ul	0.03
Target Compounds						Qvalue
4) Benzaldehyde	6.96	77	17437	3.02	ng/ul	96
6) Phenol	7.02	94	361760	32.43	ng/ul	95
10) 2-Chlorophenol	7.39	128	238456	25.57	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	175290	25.84	ng/ul	97
33) 4-Chloro-3-methylphenol	11.90	107	280117	28.29	ng/ul	96
44) Dimethylphthalate	13.91	163	513158	17.35	ng/ul	99
47) Acenaphthylene	14.17	152	58054	1.62	ng/ul	97
49) Acenaphthene	14.52	153	703206	28.89	ng/ul	97
54) 2,4-Dinitrotoluene	14.83	165	224872	25.83	ng/ul	95
60) 4-Nitroaniline	15.53	138	18261	3.14	ng/ul	92
69) Phenanthrene	17.24	178	263140	7.09	ng/ul	99
71) Anthracene	17.33	178	89850	2.33	ng/ul	99
75) Di-n-butylphthalate	18.16	149	136490	3.63	ng/ul	98
76) Fluoranthene	19.26	202	610612	13.68	ng/ul#	92
79) Pyrene	19.63	202	1656879	44.91	ng/ul#	91
80) Butylbenzylphthalate	20.52	149	32525	2.42	ng/ul#	83
82) Benzo(a)anthracene	21.37	228	336631	9.00	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.29	149	547789	27.95	ng/ul#	94
84) Chrysene	21.42	228	402287	11.86	ng/ul#	94
87) Benzo(b)fluoranthene	22.99	252	638375	14.71	ng/ul#	91
88) Benzo(k)fluoranthene	23.03	252	212210m>	5.15	ng/ul>	JU 11/7/17
90) Benzo(a)pyrene	23.59	252	399510	9.68	ng/ul#	87
91) Indeno(1,2,3-cd)pyrene	26.02	276	343093	6.90	ng/ul#	87

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Manual Integrations APPROVED
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11/6/2017 4:29:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Dibenzo(a,h)anthracene	26.02	278	88501	2.10	ng/ul#	54
93) Benzo(g,h,i)perylene	26.74	276	327842	8.00	ng/ul#	88

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