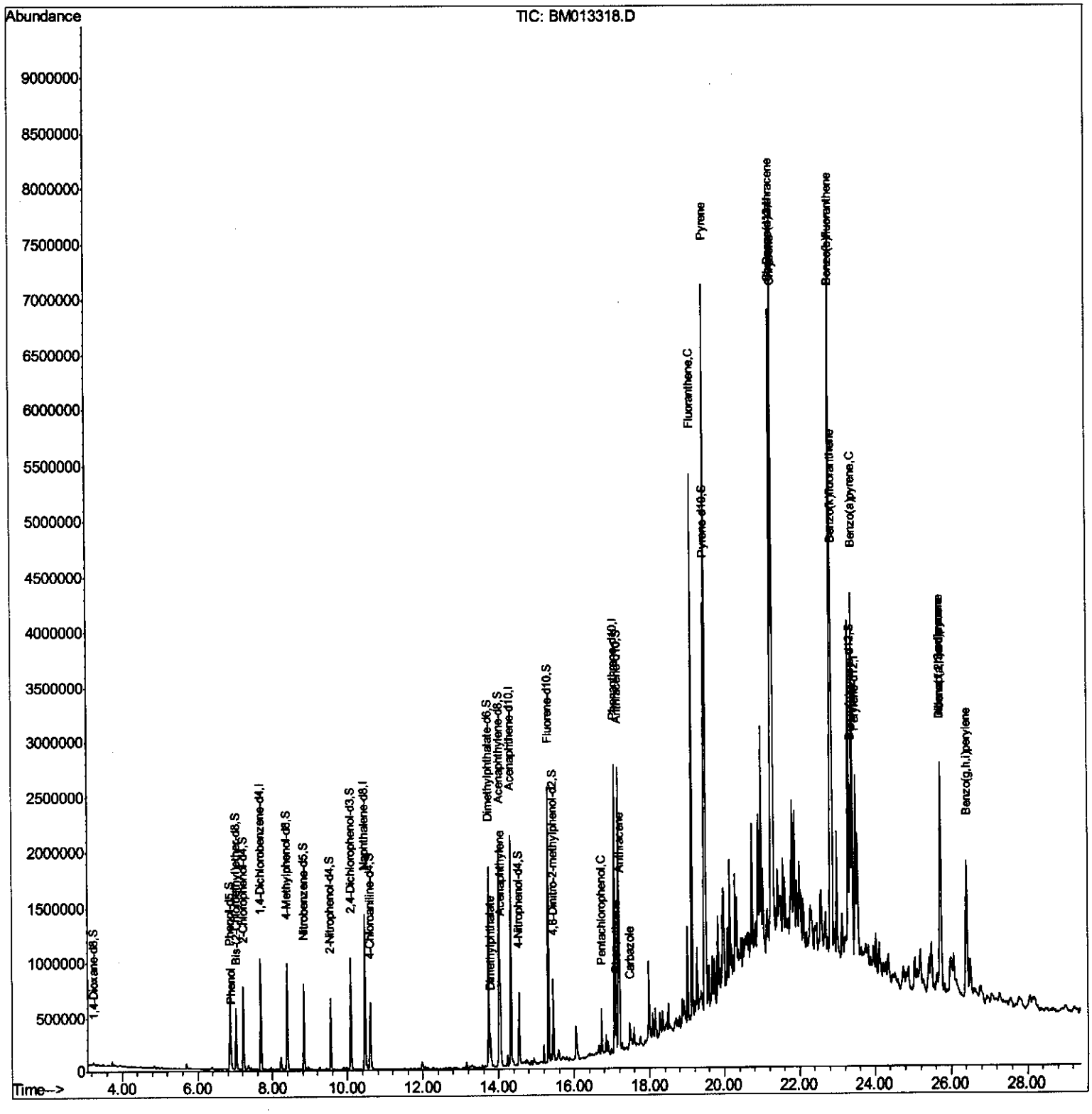
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013318.D
Acq On : 11 Dec 2017 23:34
Operator : SJ/JU
Sample : I6758-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 12 03:41:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9B17

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:06 PM

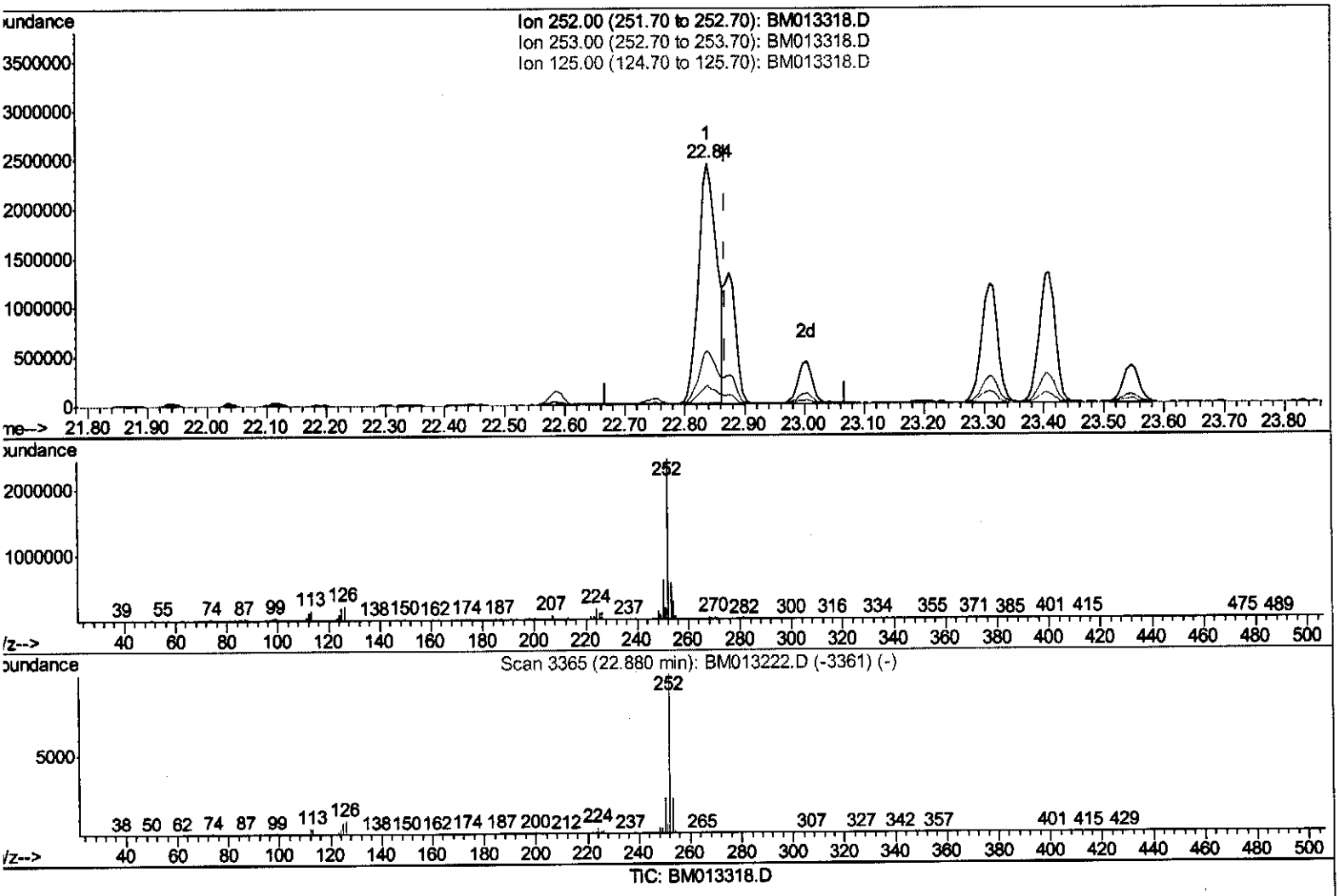


Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013318.D
Acq On : 11 Dec 2017 23:34
Operator : SJ/JU
Sample : I6758-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 12 02:14:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9B17

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:06 PM



(86) Benzo(k)fluoranthene

22.839min (-0.030) 67.80ng/ul

response 5253217

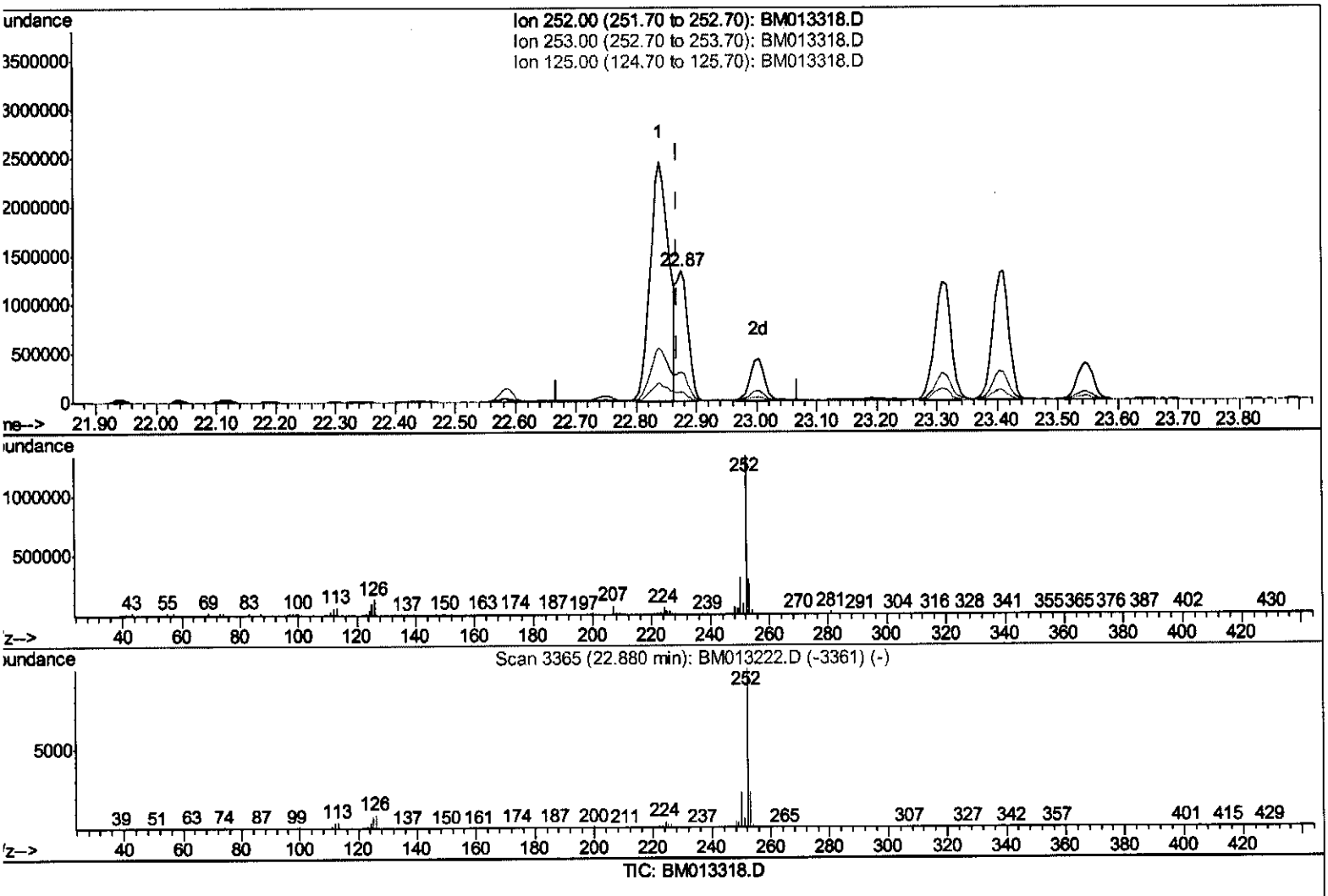
Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.33
125.00	4.30	7.77#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013318.D
Acq On : 11 Dec 2017 23:34
Operator : SJ/JU
Sample : I6758-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 12 02:14:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9B17

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:06 PM



(86) Benzo(k)fluoranthene

22.874min (+0.005) 23.18ng/ul m JJ 12/15/17

response 1795914

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.29
125.00	4.30	7.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013318.D
Acq On : 11 Dec 2017 23:34
Operator : SJ/JU
Sample : I6758-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B17

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:06 PM

Quant Time: Dec 12 03:41:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	264227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1132140	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	669796	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1526683	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1499141	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1221342	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	16679	3.13	ng/uL	0.00
5) Phenol-d5	6.87	99	396616	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	237174	18.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	322989	18.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	341929	17.51	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	170317	18.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	185690	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	345069	17.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	334286	18.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1133572	19.02	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1388787	18.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	153913	14.86	ng/ul	0.00
57) Fluorene-d10	15.33	176	955846	18.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	159481	16.61	ng/ul	0.00
70) Anthracene-d10	17.17	188	1456958	19.06	ng/ul	0.00
76) Pyrene-d10	19.47	212	1521356	20.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1082253	17.40	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.89	94	58689	2.597	ng/ul	90
44) Dimethylphthalate	13.79	163	130918	2.297	ng/ul	100
47) Acenaphthylene	14.05	152	694996	10.211	ng/ul	98
68) Pentachlorophenol	16.73	266	65368	5.711	ng/ul	96
69) Phenanthrene	17.12	178	209999	2.421	ng/ul	98
71) Anthracene	17.21	178	730778	8.243	ng/ul	100
72) Carbazole	17.48	167	139182	1.825	ng/ul#	96
74) Fluoranthene	19.14	202	2780145	26.156	ng/ul#	93
77) Pyrene	19.50	202	3814878	41.886	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	2578520	27.109	ng/ul	93
82) Chrysene	21.31	228	3922187	44.447	ng/ul	98
85) Benzo(b)fluoranthene	22.84	252	5253217	63.805	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1795914m	23.179	ng/ul	
88) Benzo(a)pyrene	23.41	252	2463623	33.311	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	1950520	26.580	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.73	278	555215	8.885	ng/ul#	92
91) Benzo(g,h,i)perylene	26.43	276	1616835	27.932	ng/ul#	95

> SJ 12/15/17

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