Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002195.D
Acq On : 03 Aug 2015 13:39
Operator : TP/UM
Sample : G3073-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 03:16:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01N6

Manual Integrations APPROVED
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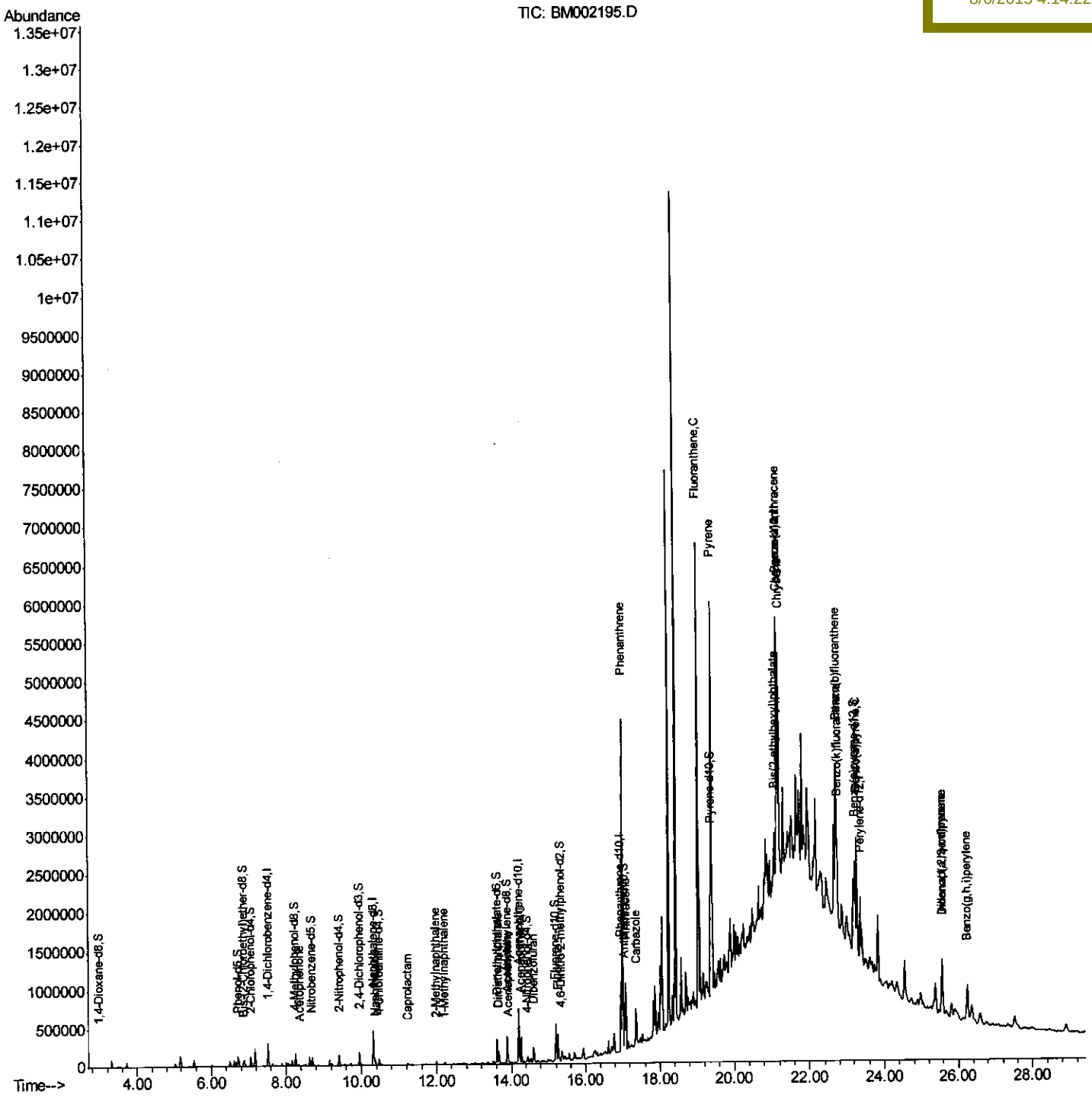
8/6/2015 4:14:22 PM



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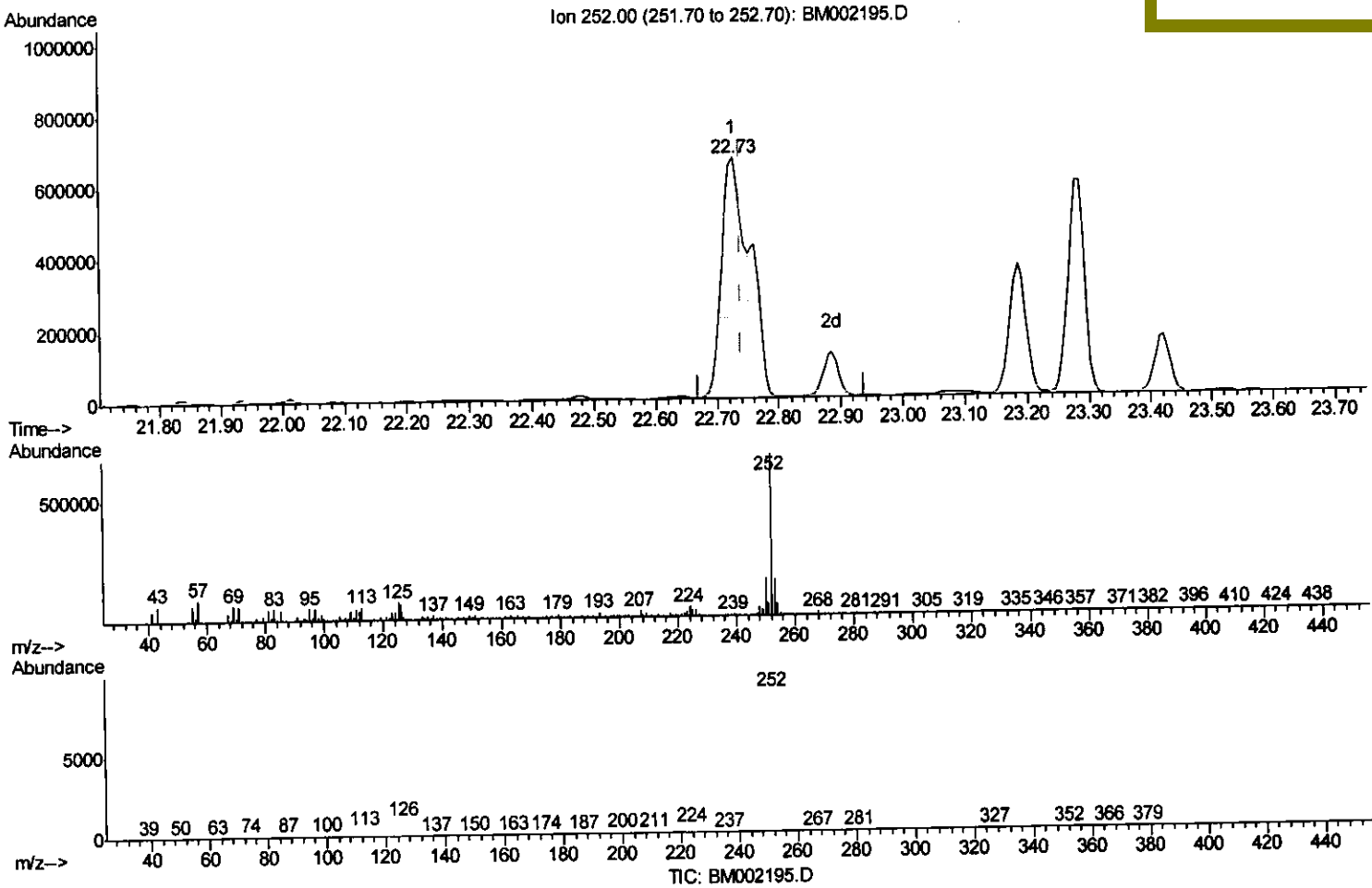

(89) Benzo(k)fluoranthene

22.727min (-0.012) 26.90ng/ul

response 838273

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.69
125.00	7.80	10.73#
0.00	0.00	0.00

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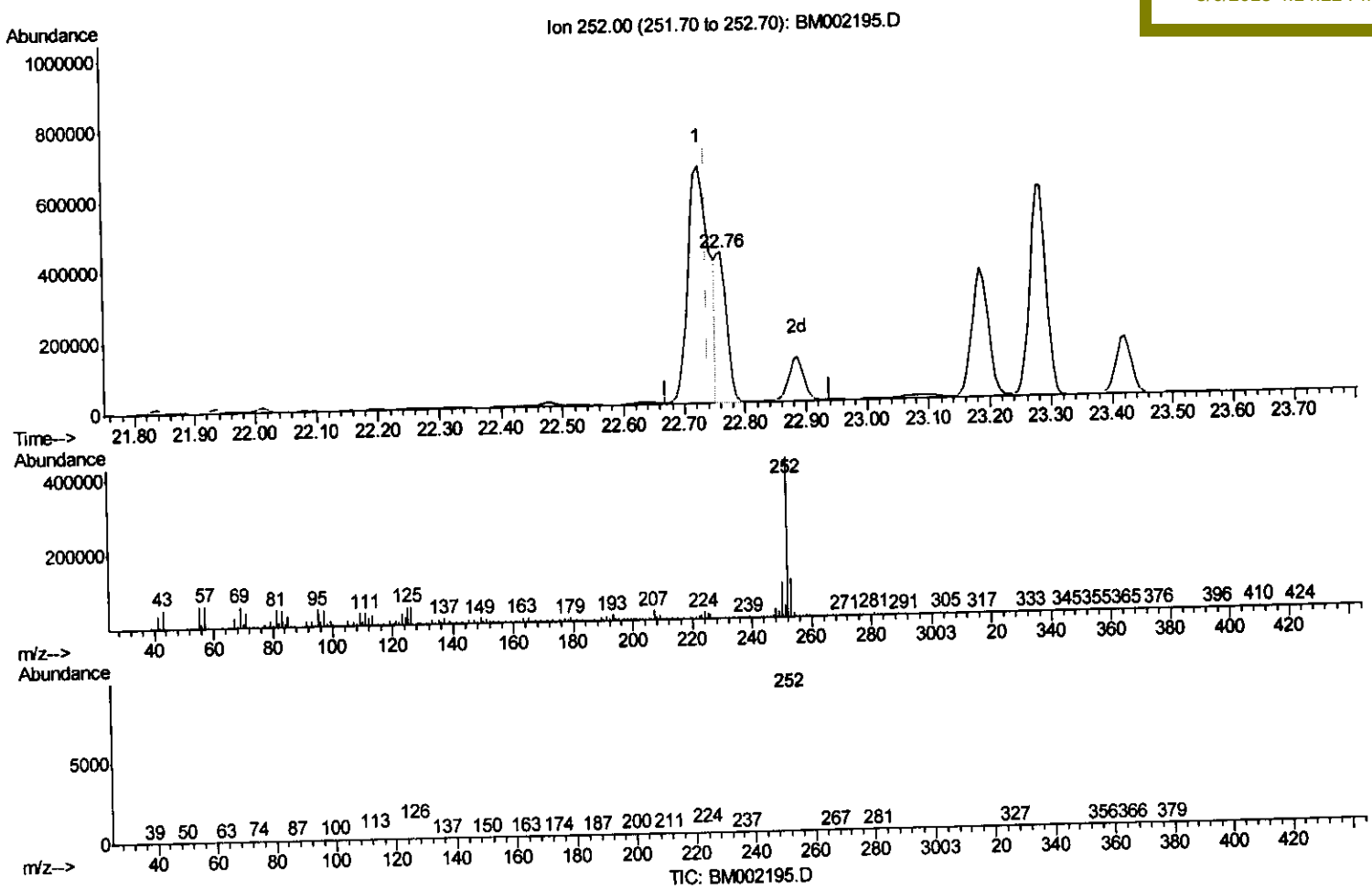

(89) Benzo(k)fluoranthene

22.762min (+0.023) 16.14ng/ul m

response 502898

T.P 8/7/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.01
125.00	7.80	11.13#
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	7.53	152	81460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	358615	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	235601	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	569140	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	708391	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	574873	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	2108	1.34	ng/uL	0.00
5) Phenol-d5	6.72	99	70317	12.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	36096	11.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	58086	11.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	58924	12.73	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	29281	11.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	34795	12.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	66979	12.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	47677	7.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	213588	12.38	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	255052	11.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	21907	7.61	ng/ul	0.00
58) Fluorene-d10	15.20	176	191455	12.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	23364	6.71	ng/ul	0.00
71) Anthracene-d10	17.06	188	310280	12.21	ng/ul	0.00
79) Pyrene-d10	19.37	212	370374	12.42	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	305971	10.98	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.35	105	9580	1.31	ng/ul	98
28) Naphthalene	10.36	128	47594	2.79	ng/ul	98
32) Caprolactam	11.24	113	3480	2.35	ng/ul	90
34) 2-Methylnaphthalene	11.99	142	25097	2.02	ng/ul	100
35) 1-Methylnaphthalene	12.22	142	18558	1.56	ng/ul	97
45) Dimethylphthalate	13.66	163	95848	5.56	ng/ul	99
48) Acenaphthylene	13.92	152	23662	1.06	ng/ul#	93
50) Acenaphthene	14.27	153	138845	9.51	ng/ul	99
54) Dibenzofuran	14.60	168	112654	5.38	ng/ul	96
59) Fluorene	15.26	166	146409	8.46	ng/ul	99
70) Phenanthrene	17.01	178	2600105	88.20	ng/ul	99
72) Anthracene	17.09	178	536550	17.80	ng/ul	99
75) Carbazole	17.37	167	281802	10.95	ng/ul	98
77) Fluoranthene	19.04	202	3842798	112.90	ng/ul	98
80) Pyrene	19.41	202	3292179	85.41	ng/ul	98
83) Benzo(a)anthracene	21.17	228	1585010	40.36	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	169054	7.50	ng/ul	98
85) Chrysene	21.22	228	1403777	38.21	ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	1613712	49.96	ng/ul#	95
89) Benzo(k)fluoranthene	22.76	252	502898m	16.14	ng/ul	
91) Benzo(a)pyrene	23.29	252	1099979	35.28	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.57	276	671632	18.69	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.57	278	170387	5.54	ng/ul#	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.25	276	567508	18.84	ng/ul	97

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

Instrument :
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Manual Integrations APPROVED
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