

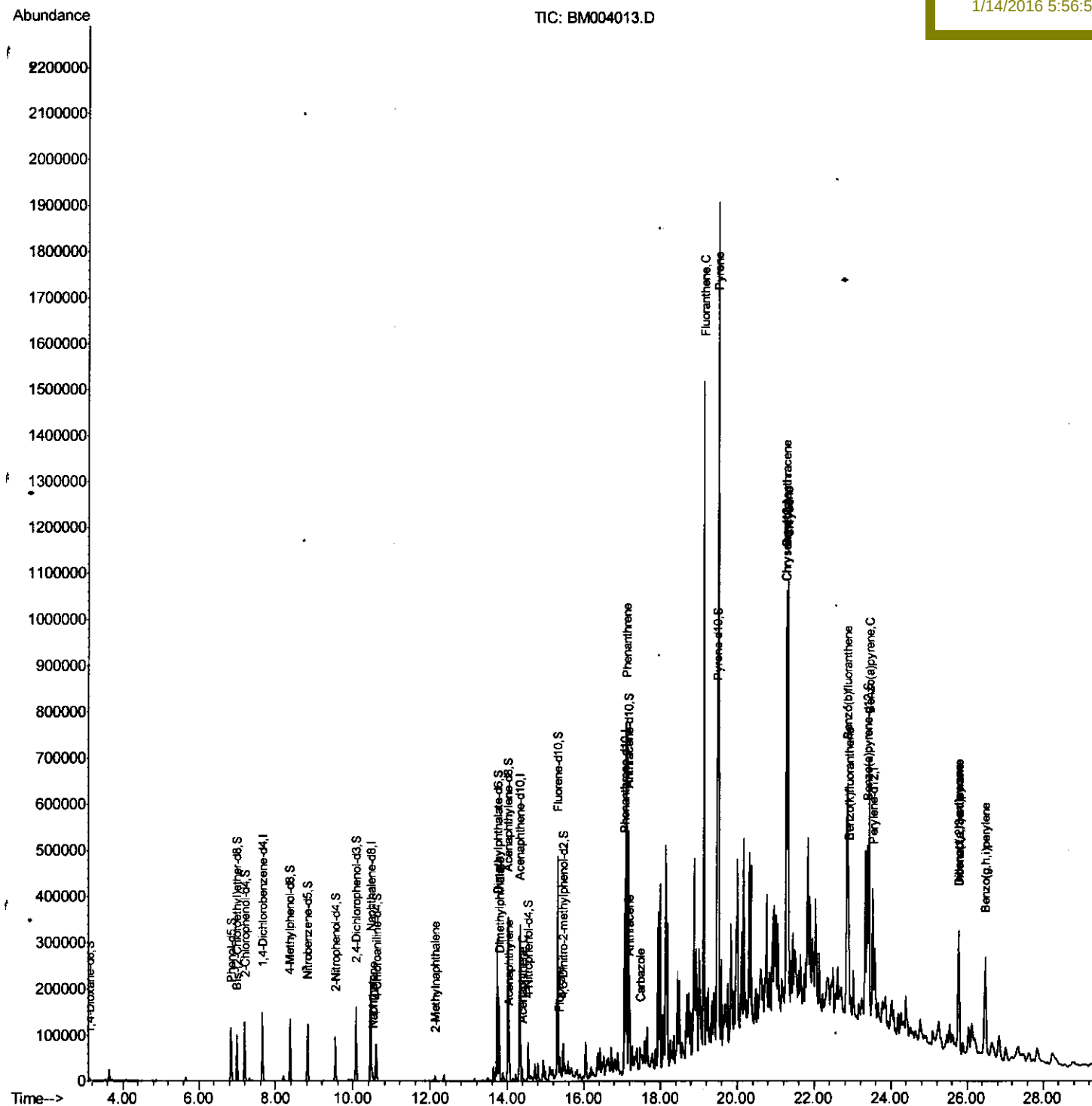
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004013.D
Acq On : 14 Jan 2016 14:50
Operator : SJ/UM
Sample : H1098-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 14 17:10:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC962

Manual Integrations APPROVED

MMdadoda
1/14/2016 5:56:57 PM



Quantitation Report (Qedit)

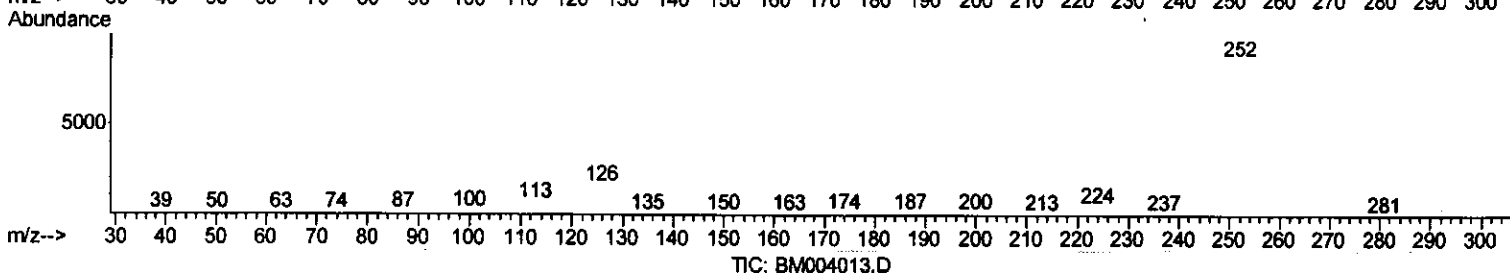
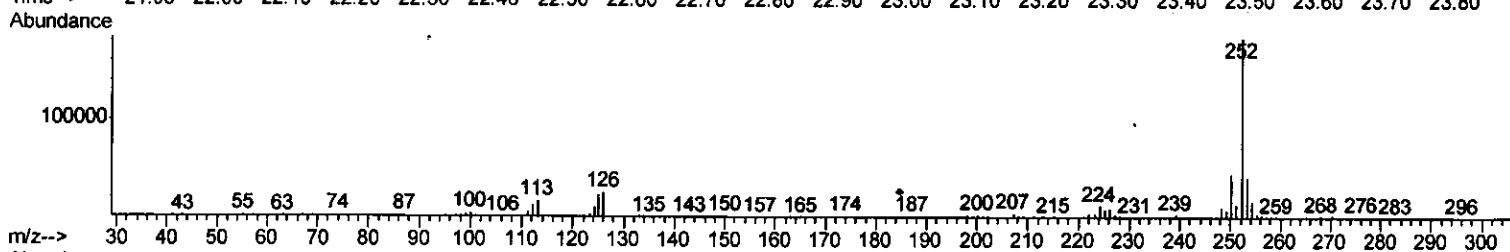
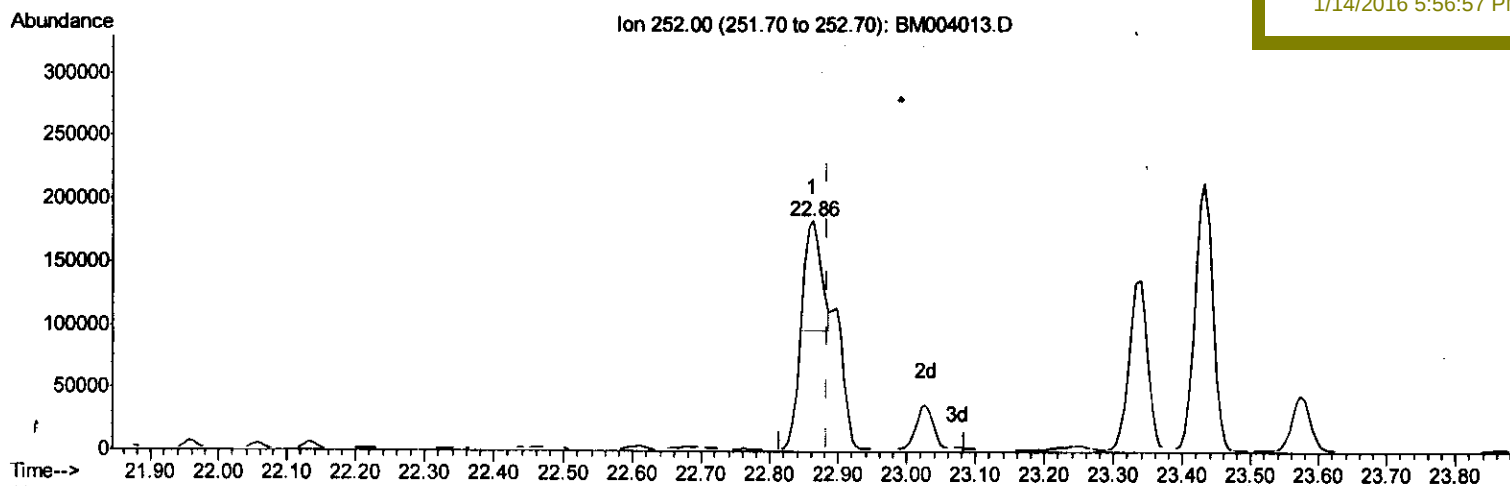
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(89) Benzo(k)fluoranthene

22.862min (-0.023) 12.12ng/ul

response 135156

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.83
125.00	10.20	12.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

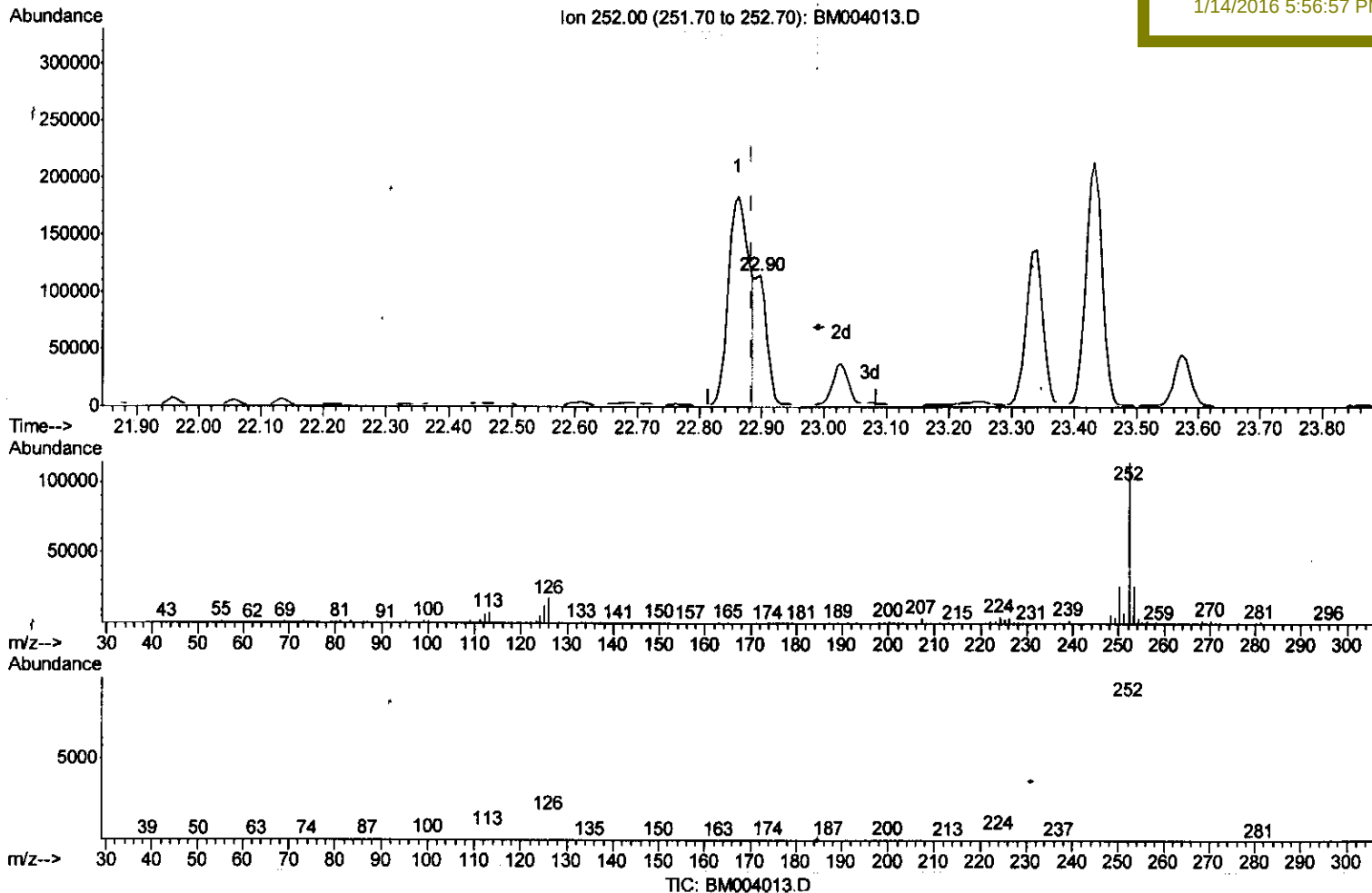
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 APPROVED

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 1/14/2016 5:56:57 PM



(89) Benzo(k)fluoranthene

22.897min (+0.012) 13.75ng/ul m

response 153298

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.25
125.00	10.20	11.18
0.00	0.00	0.00

S.J
 1/15/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	41128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	193352	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	111492	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	243310	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	207948	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	192718	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3274	3.56	ng/uL	0.00
5) Phenol-d5	6.84	99	74083	21.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	43875	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	64297	22.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	53783	19.44	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	32790	22.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	35449	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	62647	22.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	51528	13.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	204487	23.36	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	259736	24.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	22488	14.30	ng/ul	0.00
58) Fluorene-d10	15.32	176	183997	24.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	16397	11.95	ng/ul	0.00
71) Anthracene-d10	17.17	188	278411	24.74	ng/ul	0.00
79) Pyrene-d10	19.48	212	283620	26.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	237199	24.64	ng/ul	0.02

Target Compounds

						Qvalue
28) Naphthalene	10.50	128	16564	1.64	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	7671	1.08	ng/ul	99
45) Dimethylphthalate	13.78	163	110656	12.40	ng/ul	100
48) Acenaphthylene	14.04	152	46670	3.99	ng/ul	97
50) Acenaphthene	14.39	153	13897	1.80	ng/ul	99
59) Fluorenc	15.37	166	19633	2.29	ng/ul#	97
70) Phenanthrene	17.12	178	455293	33.28	ng/ul	99
72) Anthracene	17.20	178	94611	6.74	ng/ul	99
75) Carbazole	17.48	167	16697	1.35	ng/ul#	87
77) Fluoranthene	19.14	202	814210	57.27	ng/ul	97
80) Pyrene	19.52	202	1126588	79.81	ng/ul	98
83) Benzo(a)anthracene	21.27	228	407422	32.90	ng/ul	95
85) Chrysene	21.32	228	501376	42.61	ng/ul	97
88) Benzo(b)fluoranthene	22.86	252	429915	36.69	ng/ul	97
89) Benzo(k)fluoranthene	22.90	252	153298m	13.75	ng/ul	97
91) Benzo(a)pyrene	23.43	252	388201	34.94	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.78	276	237747	19.34	ng/ul	96
93) Dibenzo(a,h)anthracene	25.78	278	66853	6.47	ng/ul#	84
94) Benzo(g,h,i)perylene	26.48	276	246391	23.87	ng/ul	99

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