Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028689.D
Acq On : 09 Feb 2021 17:53
Operator : CG/JU
Sample : M1310-12DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 10 00:23:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 23:51:34 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0A39DL

Manual Integrations APPROVED
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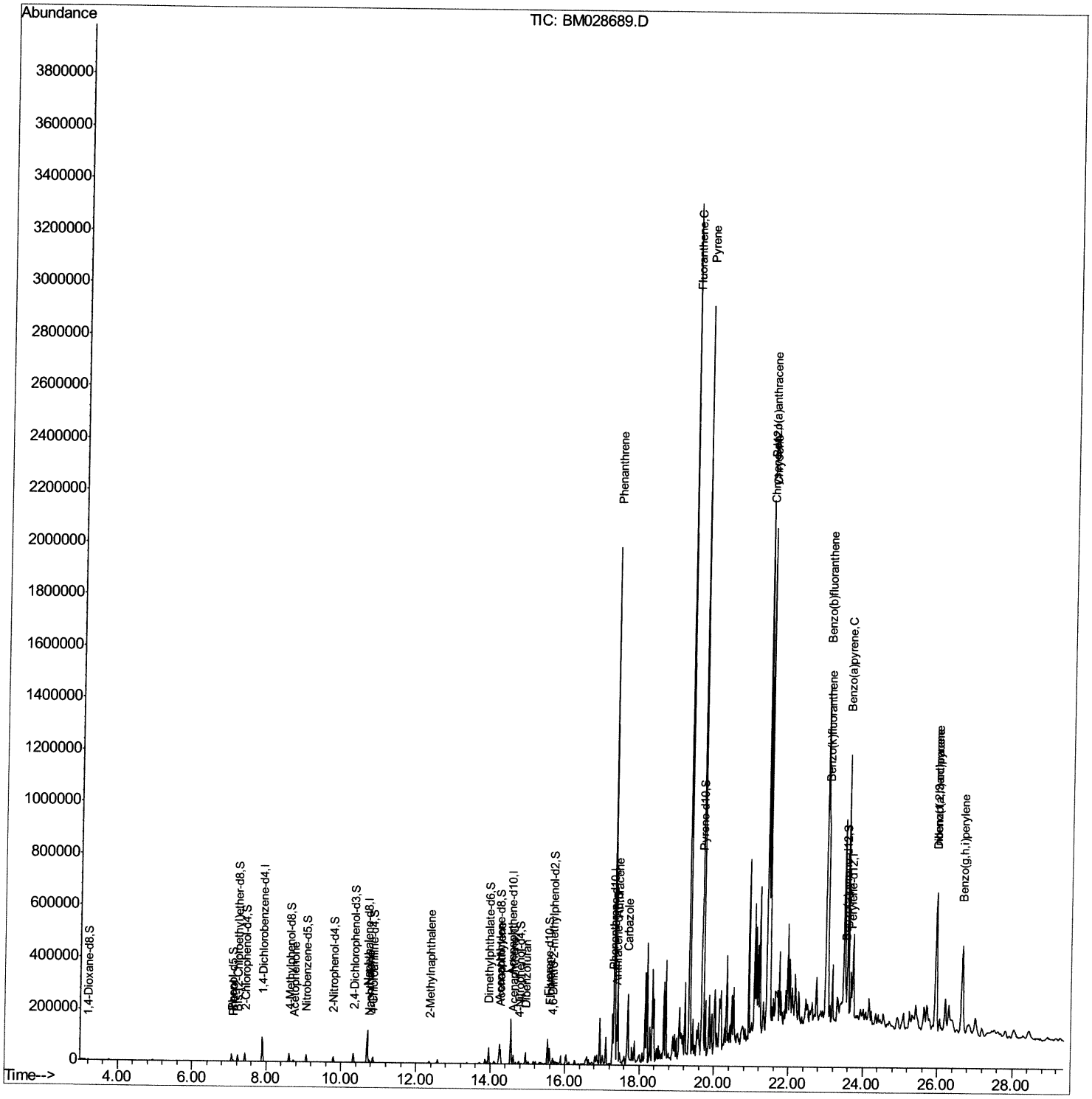
2/10/2021 12:15:42 PM



Quantitation Report (Qedit)

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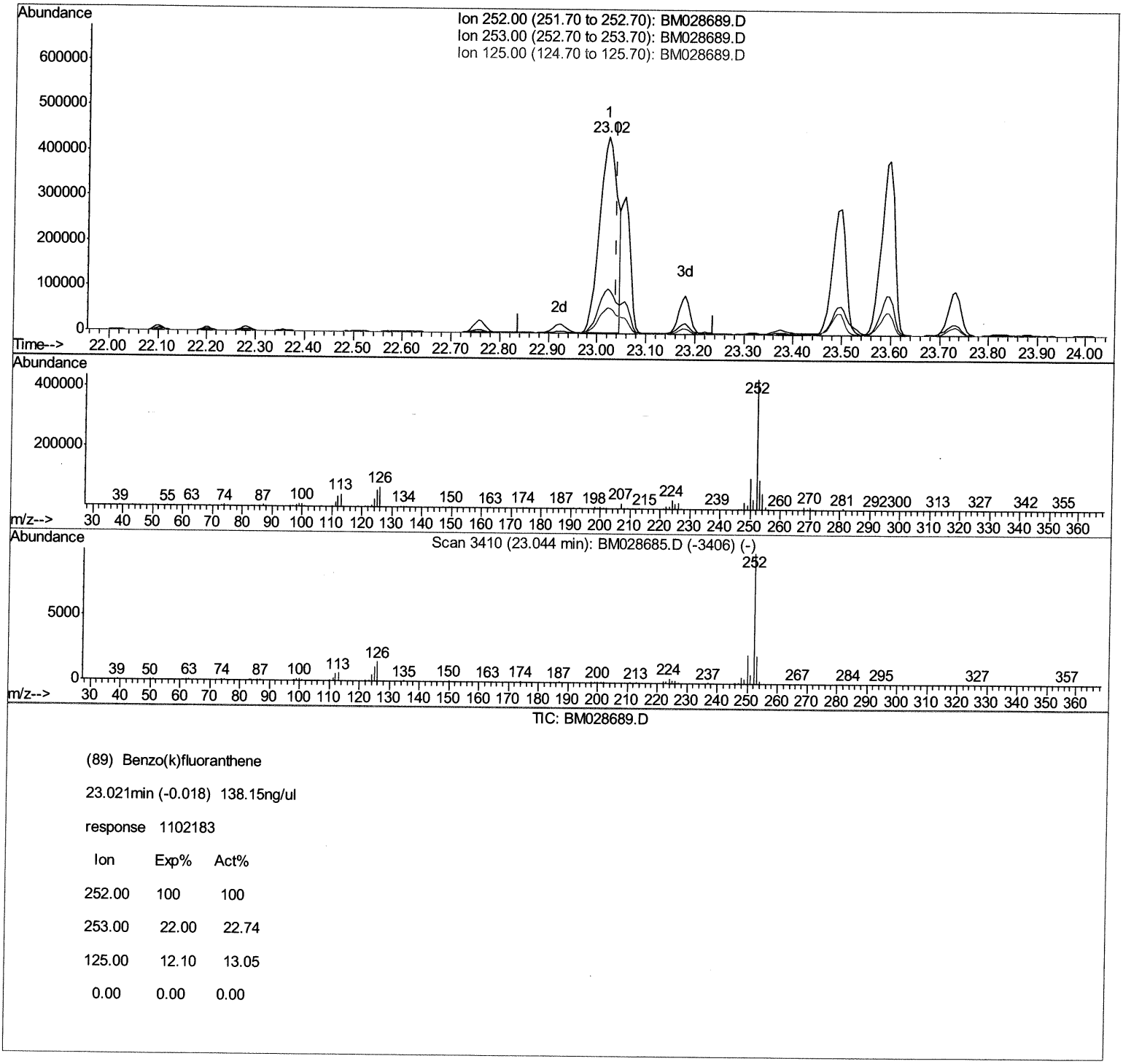

TIC: BM028689.D

(89) Benzo(k)fluoranthene

23.021min (-0.018) 138.15ng/ul

response 1102183

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.74
125.00	12.10	13.05
0.00	0.00	0.00

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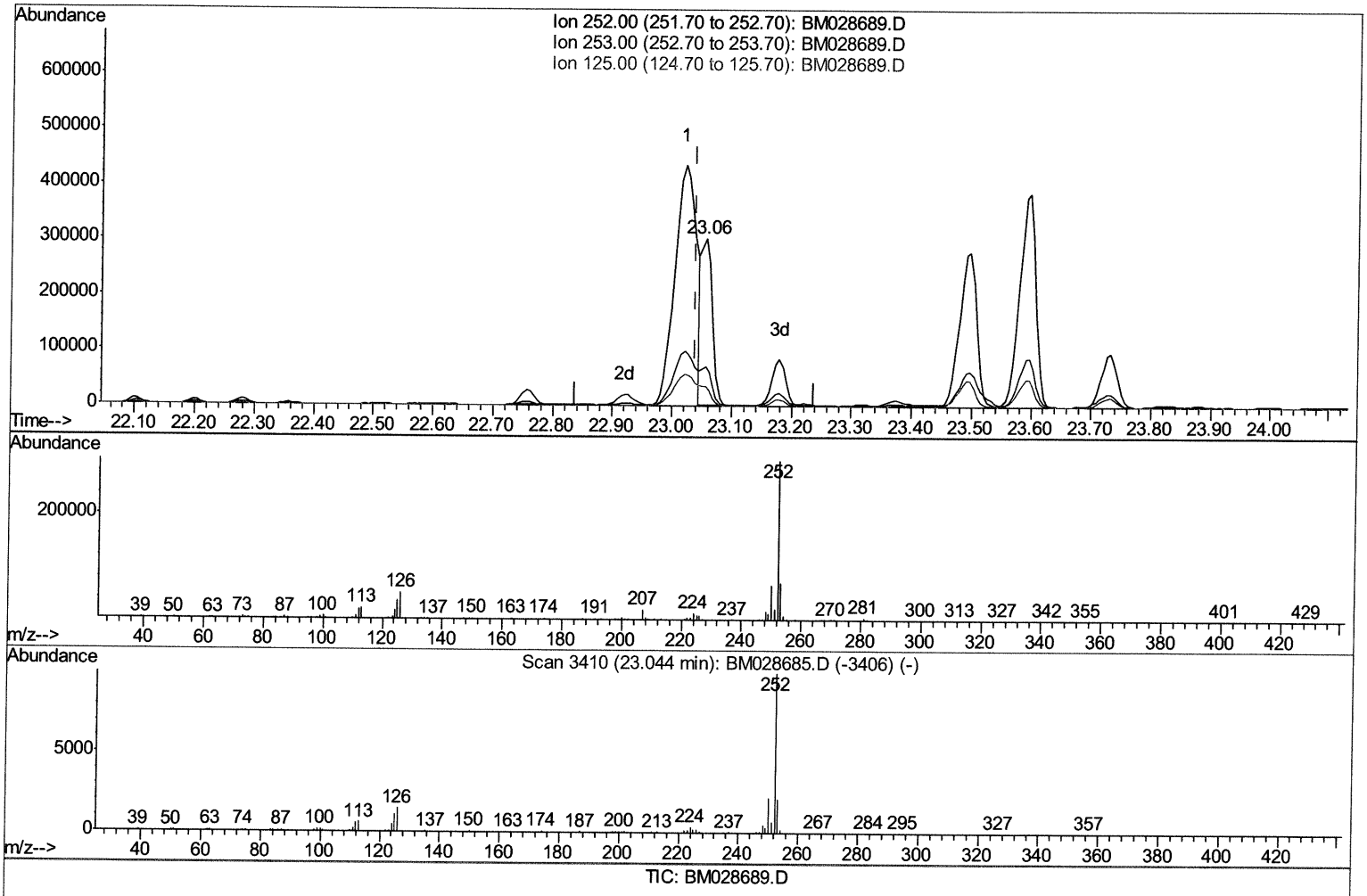

TIC: BM028689.D

(89) Benzo(k)fluoranthene

23.056min (+0.018) 46.94ng/ul m 02/11/21 JU

response 374471

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.49
125.00	12.10	11.78
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	7.90	152	26612	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	104481	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.55	164	57871	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.29	188	115422	20.00	ng/ul	0.00
78) Chrysene-d12	21.44	240	110848	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	120367	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	720	1.14	ng/uL	0.00
5) Phenol-d5	7.07	99	15772	6.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	10527	7.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	15435	7.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	13512	7.36	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	7218	8.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	7877	8.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	14107	7.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	13189	6.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.96	166	41926	9.12	ng/ul	0.00
47) Acenaphthylene-d8	14.24	160	53737	9.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	3562	4.14	ng/ul	0.00
58) Fluorene-d10	15.54	176	35928	9.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	4047	5.10	ng/ul	0.00
71) Anthracene-d10	17.39	188	57246	9.63	ng/ul	0.00
79) Pyrene-d10	19.67	212	60956	9.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	64925	9.50	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.10	94	2814	1.245	ng/ul#	88
14) Acetophenone	8.73	105	3768	1.388	ng/ul	91
28) Naphthalene	10.75	128	9778	1.625	ng/ul	98
34) 2-Methylnaphthalene	12.37	142	4670	1.170	ng/ul	98
48) Acenaphthylene	14.27	152	38378	6.533	ng/ul	98
50) Acenaphthene	14.61	153	13864	3.321	ng/ul	98
54) Dibenzofuran	14.94	168	24263	4.331	ng/ul	98
59) Fluorene	15.59	166	27273	5.918	ng/ul	98
70) Phenanthrene	17.33	178	1217035	170.768	ng/ul	99
72) Anthracene	17.42	178	247684	34.047	ng/ul	99
75) Carbazole	17.69	167	161599	26.136	ng/ul	100
77) Fluoranthene	19.34	202	2183533	281.575	ng/ul	97
80) Pyrene	19.70	202	1895460	221.031	ng/ul	97
83) Benzo(a)anthracene	21.43	228	1001845	130.046	ng/ul	98
85) Chrysene	21.48	228	1031158	138.047	ng/ul	97
88) Benzo(b)fluoranthene	23.02	252	1102183	135.260	ng/ul#	98
89) Benzo(k)fluoranthene	23.06	252	374471m >	46.938	ng/ul >	
91) Benzo(a)pyrene	23.60	252	736615	97.909	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.96	276	492088	53.655	ng/ul	97
93) Dibenzo(a,h)anthracene	25.96	278	152947	19.787	ng/ul#	81
94) Benzo(g,h,i)perylene	26.67	276	401592	52.481	ng/ul	96

02/11/21 JU

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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