Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005622.D
Acq On : 23 May 2016 22:59
Operator : UM/SJ
Sample : H3087-10MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 24 07:28:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Manual Integrations APPROVED
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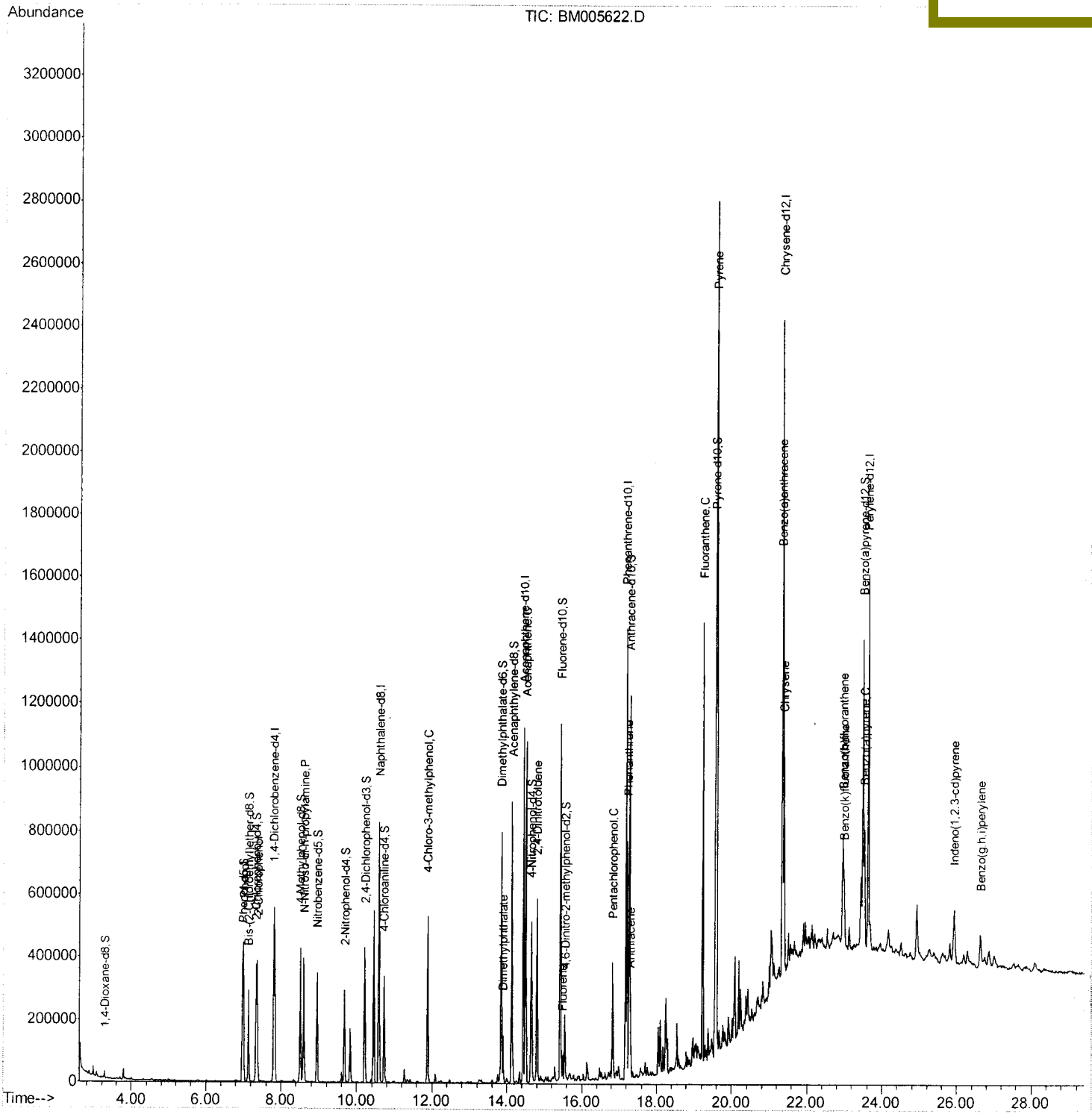

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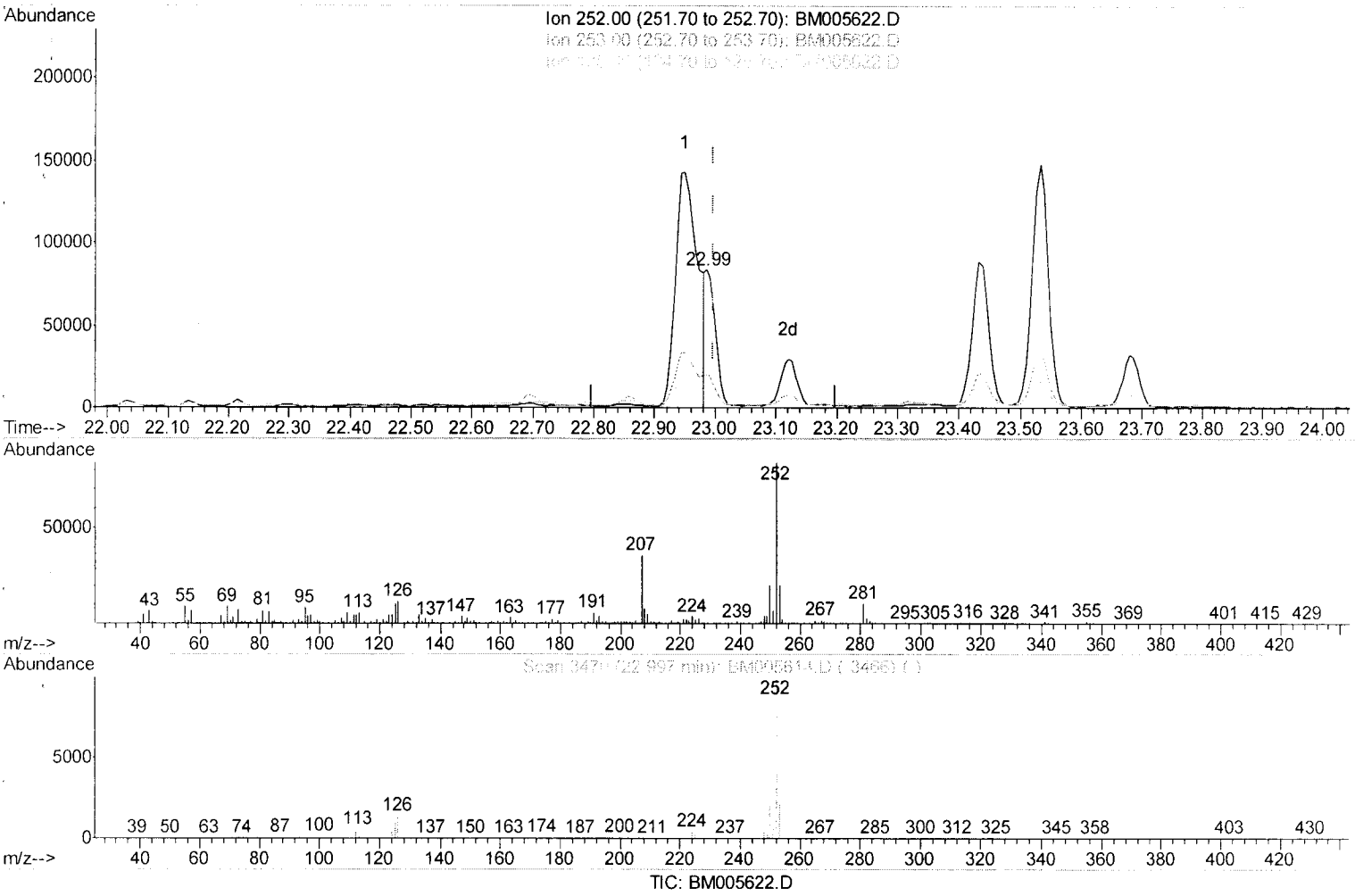

(86) Benzo(k)fluoranthene

22.986min (-0.012) 2.00ng/ul m

response 100936

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.96
125.00	8.80	12.65#
0.00	0.00	0.00

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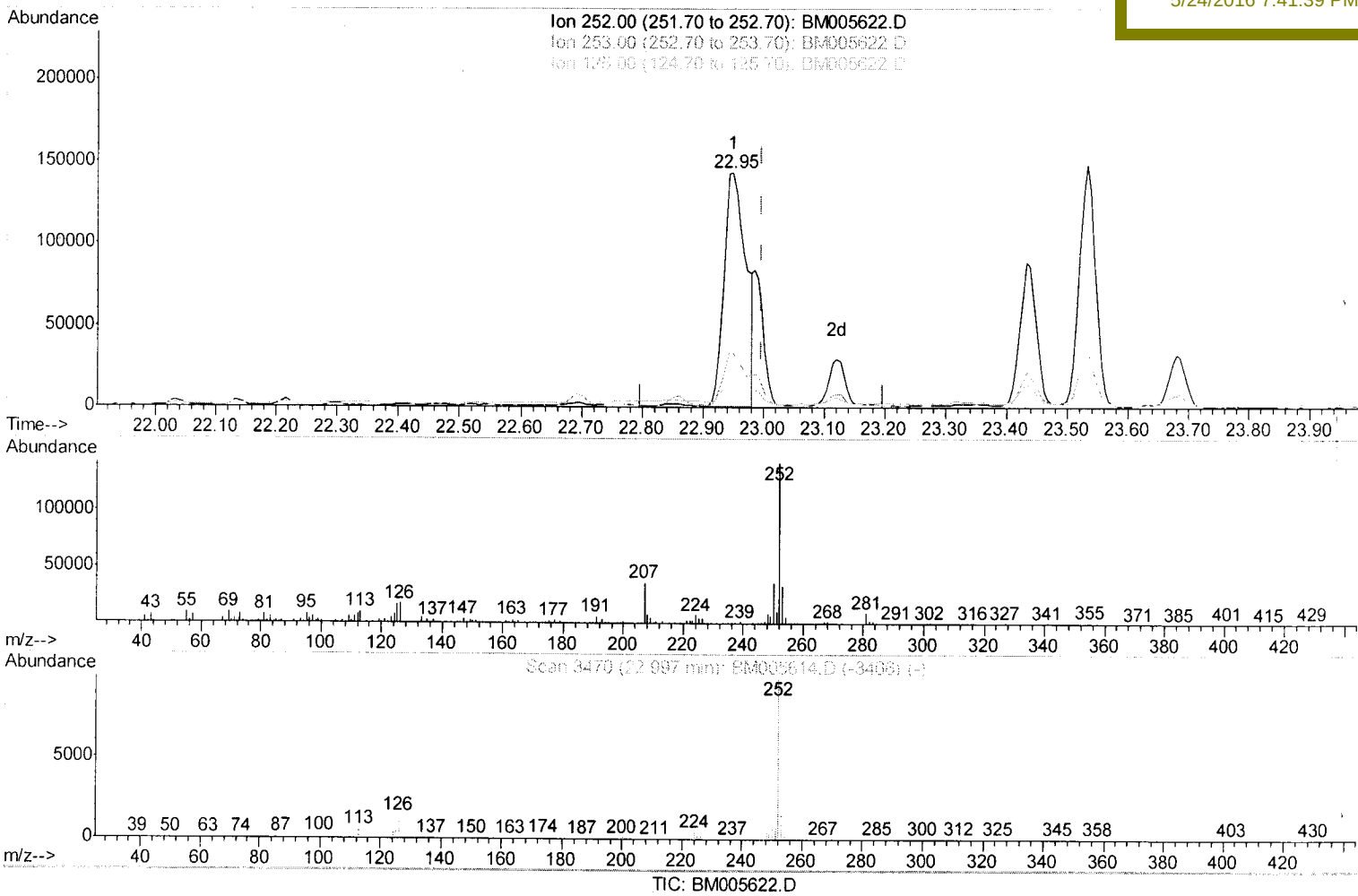

TIC: BM005622.D

(86) Benzo(k)fluoranthene

22.950min (-0.047) 7.08ng/ul

response 356857

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.70
125.00	8.80	11.80#
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	7.80	152	150171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	678041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	380284	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	834387	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	878532	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	902418	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	9703	2.83	ng/uL	0.00
5) Phenol-d5	6.97	99	203384	16.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	126167	17.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	172429	16.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	158747	15.74	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	86549	16.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	94261	16.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	162545	15.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	187216	17.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	523499	16.86	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	654030	16.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	80386	13.69	ng/ul	0.00
57) Fluorene-d10	15.43	176	457358	16.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	45488	9.48	ng/ul	0.00
70) Anthracene-d10	17.28	188	690595	17.38	ng/ul	0.00
76) Pyrene-d10	19.57	212	754803	18.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	729107	17.30	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	244526	19.28	ng/ul	91
10) 2-Chlorophenol	7.37	128	175573	17.04	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	147267	18.36	ng/ul	96
33) 4-Chloro-3-methylphenol	11.88	107	187581	16.16	ng/ul	98
44) Dimethylphthalate	13.89	163	87637	2.86	ng/ul	99
49) Acenaphthene	14.50	153	458918	17.65	ng/ul	100
52) 4-Nitrophenol	14.66	109	67564	11.45	ng/ul	83
54) 2,4-Dinitrotoluene	14.80	165	157727	17.43	ng/ul	99
58) Fluorene	15.49	166	34580	1.16	ng/ul	98
68) Pentachlorophenol	16.83	266	62815	9.88	ng/ul	98
69) Phenanthrene	17.22	178	442854	9.50	ng/ul	99
71) Anthracene	17.31	178	124761	2.63	ng/ul	99
74) Fluoranthene	19.23	202	827265	15.76	ng/ul	96
77) Pyrene	19.60	202	1727948	34.21	ng/ul	97
80) Benzo(a)anthracene	21.34	228	306857	5.94	ng/ul	96
82) Chrysene	21.39	228	367162	7.47	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	356857	6.70	ng/ul#	94
86) Benzo(k)fluoranthene	22.99	252	100936m	2.00	ng/ul	
88) Benzo(a)pyrene	23.53	252	273061	5.29	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	145252	2.37	ng/ul	98
91) Benzo(g,h,i)perylene	26.64	276	123182	2.39	ng/ul#	92

U.M. 05/25/16

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

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