

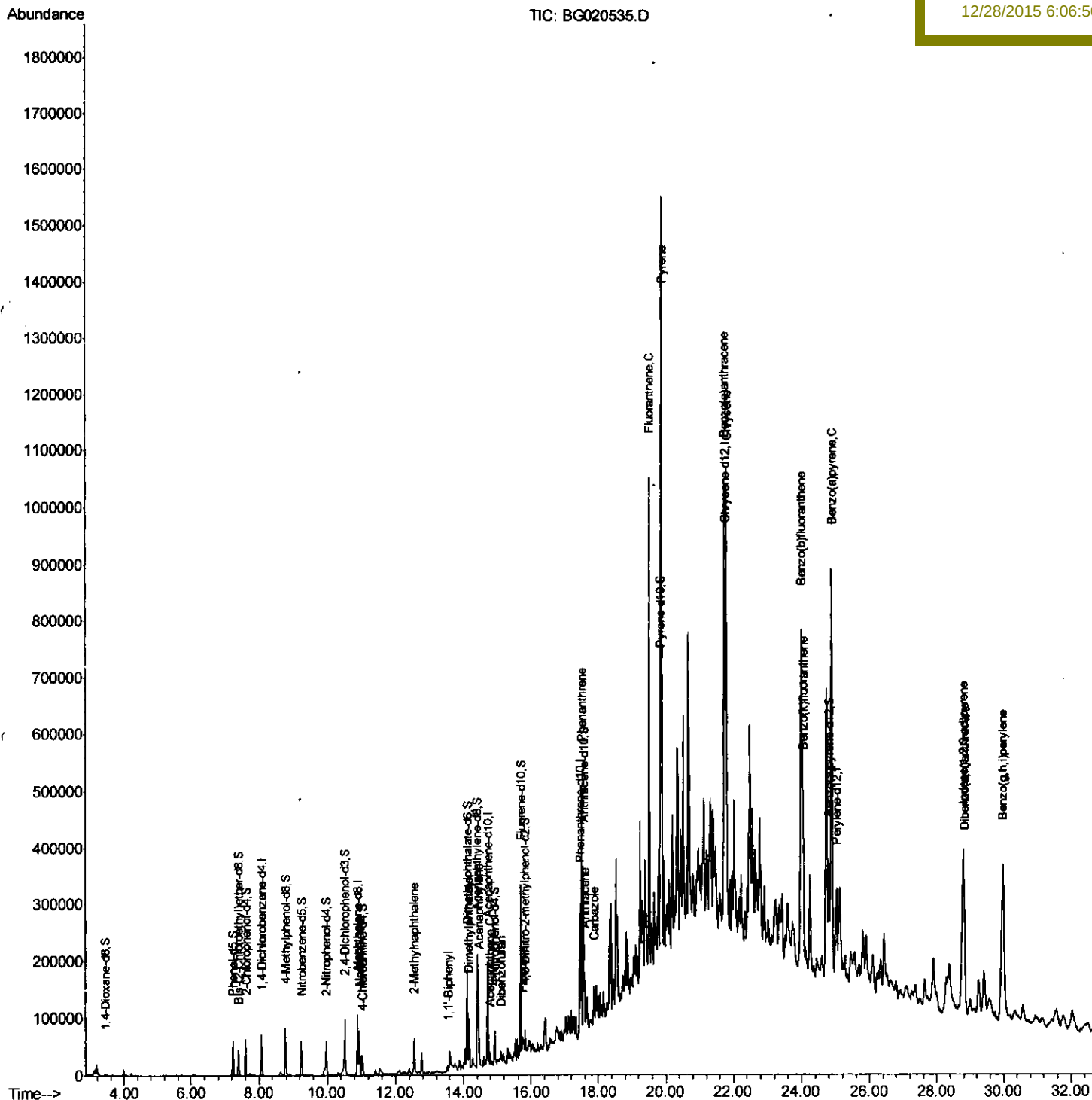
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
Data File : BG020535.D
Acq On : 26 Dec 2015 11:34
Operator : UM/SJ
Sample : G4802-14
Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Dec 28 06:47:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 06:13:05 2015
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
G9D89

Manual Integrations
APPROVED

Sohil
12/28/2015 6:06:50 PM



Quantitation Report (Qedit)

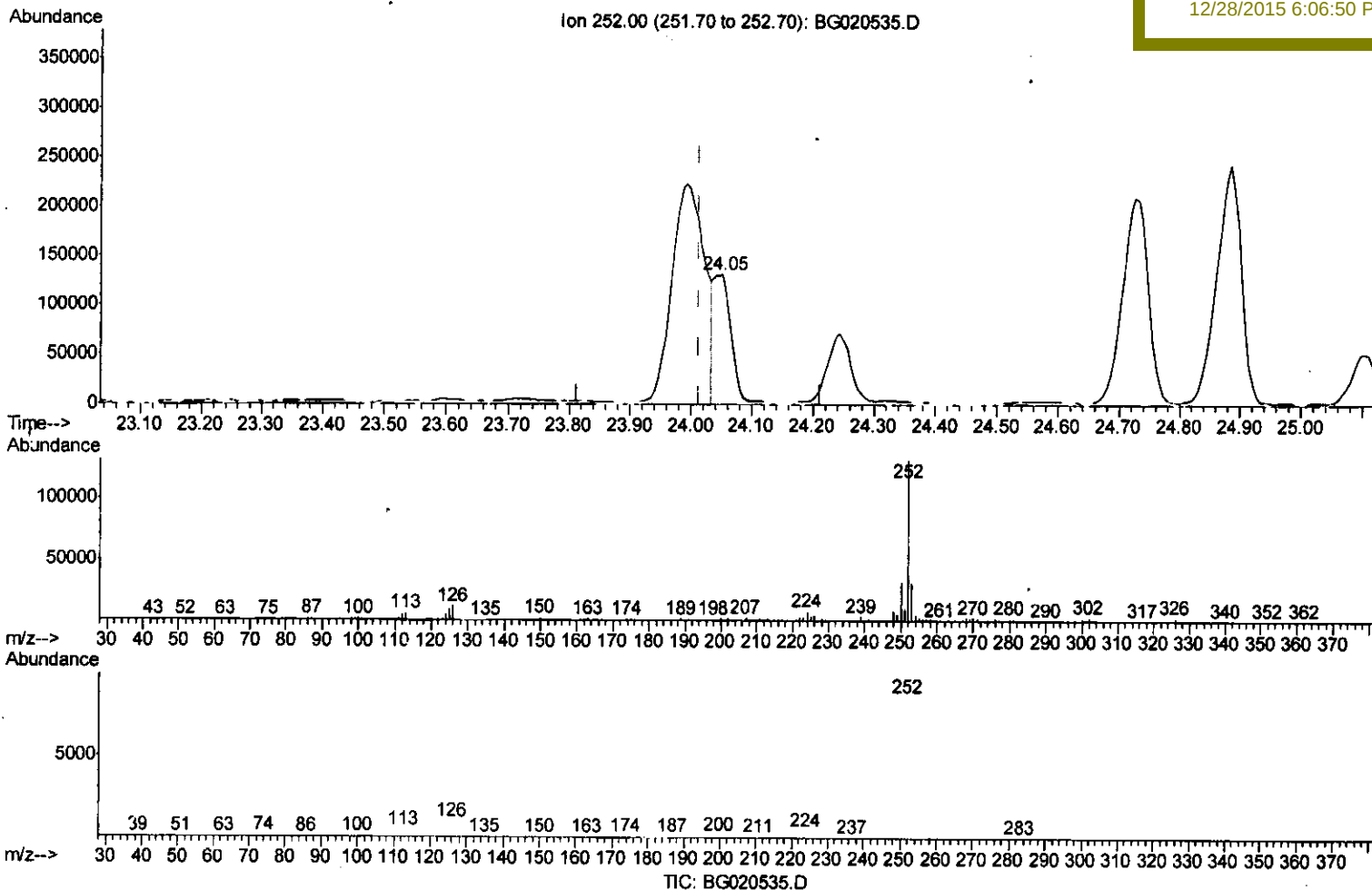
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Quant Time: Dec 28 06:17:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 06:13:05 2015
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

24.051min (+0.038) 24.20ng/ul m

response 253328

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.26
125.00	7.20	6.67
0.00	0.00	0.00

U.M
 12/26/15

Quantitation Report (Qedit)

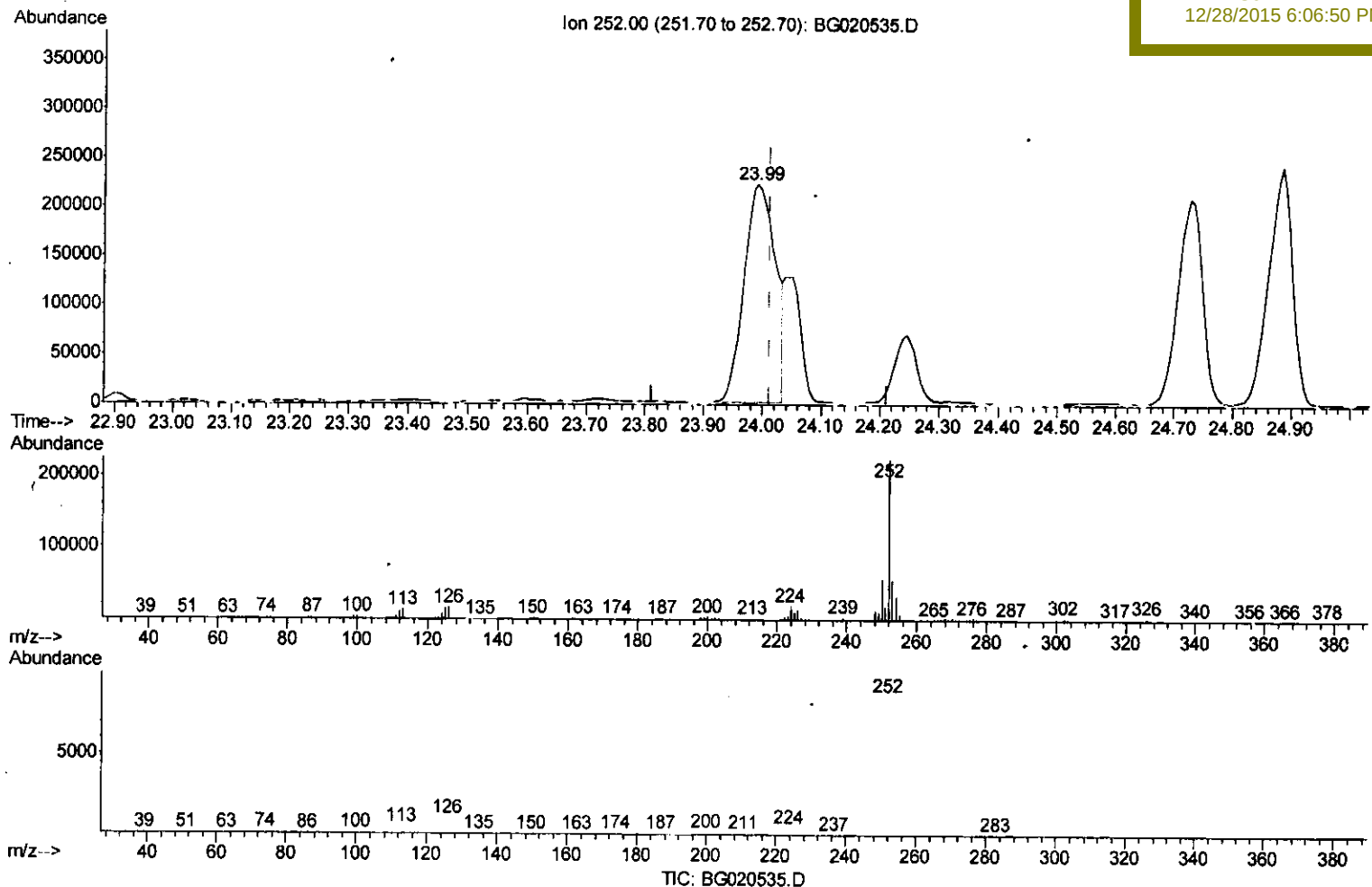
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
 Data File : BG020535.D
 Acq On : 26 Dec 2015 11:34
 Operator : UM/SJ
 Sample : G4802-14
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Quant Time: Dec 28 06:17:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 06:13:05 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 G9D89

Manual Integrations
 APPROVED

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(89) Benzo(k)fluoranthene

23.992min (-0.021) 79.24ng/ul

response 829637

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.42
125.00	7.20	7.03
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
 Data File : BG020535.D
 Acq On : 26 Dec 2015 11:34
 Operator : UM/SJ
 Sample : G4802-14
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D89

Quant Time: Dec 28 06:47:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28,06:13:05 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dey (Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20436	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	89595	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	64197	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	146282	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	179827	20.00	ng/ul	0.01
86) Perylene-d12	25.03	264	180439	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1297	3.50	ng/uL	0.00
5) Phenol-d5	7.24	99	37793	23.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	22040	22.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	30459	24.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	33294	24.13	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	16290	23.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	19587	24.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	38043	24.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	20447	11.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	119871	22.65	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	153445	25.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	14053	15.93	ng/ul	0.00
58) Fluorene-d10	15.70	176	117952	24.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	11131	11.48	ng/ul	0.00
71) Anthracene-d10	17.56	188	176758	25.80	ng/ul	0.00
79) Pyrene-d10	19.84	212	206398	26.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	238402	26.13	ng/ul	0.04

Target Compounds

						Qvalue
28) Naphthalene	10.94	128	66186	13.90	ng/ul	99
34) 2-Methylnaphthalene	12.54	142	24755	7.02	ng/ul	97
41) 1,1'-Biphenyl	13.55	154	5242	1.06	ng/ul	99
45) Dimethylphthalate	14.16	163	40178	7.47	ng/ul	97
48) Acenaphthylene	14.44	152	110965	17.22	ng/ul	98
50) Acenaphthene	14.77	153	10453	2.40	ng/ul#	94
54) Dibenzofuran	15.11	168	6960	1.07	ng/ul	98
59) Fluorene	15.76	166	22387	4.26	ng/ul	97
70) Phenanthrene	17.50	178	283729	34.86	ng/ul	99
72) Anthracene	17.59	178	74790	8.99	ng/ul	98
75) Carbazole	17.86	167	9690	1.38	ng/ul#	81
77) Fluoranthene	19.51	202	543249	53.07	ng/ul	99
80) Pyrene	19.88	202	855292	84.11	ng/ul	99
83) Benzo(a)anthracene	21.72	228	517951	49.04	ng/ul#	92
85) Chrysene	21.79	228	626804	62.31	ng/ul#	93
88) Benzo(b)fluoranthene	23.99	252	829637	76.60	ng/ul	94
89) Benzo(k)fluoranthene	24.05	252	253328m	24.20	ng/ul	97
91) Benzo(a)pyrene	24.89	252	682123	65.53	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.80	276	524271	42.05	ng/ul	94
93) Dibenzo(a,h)anthracene	28.82	278	159862	15.45	ng/ul	95
94) Benzo(g,h,i)perylene	29.98	276	635041	62.01	ng/ul	99

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