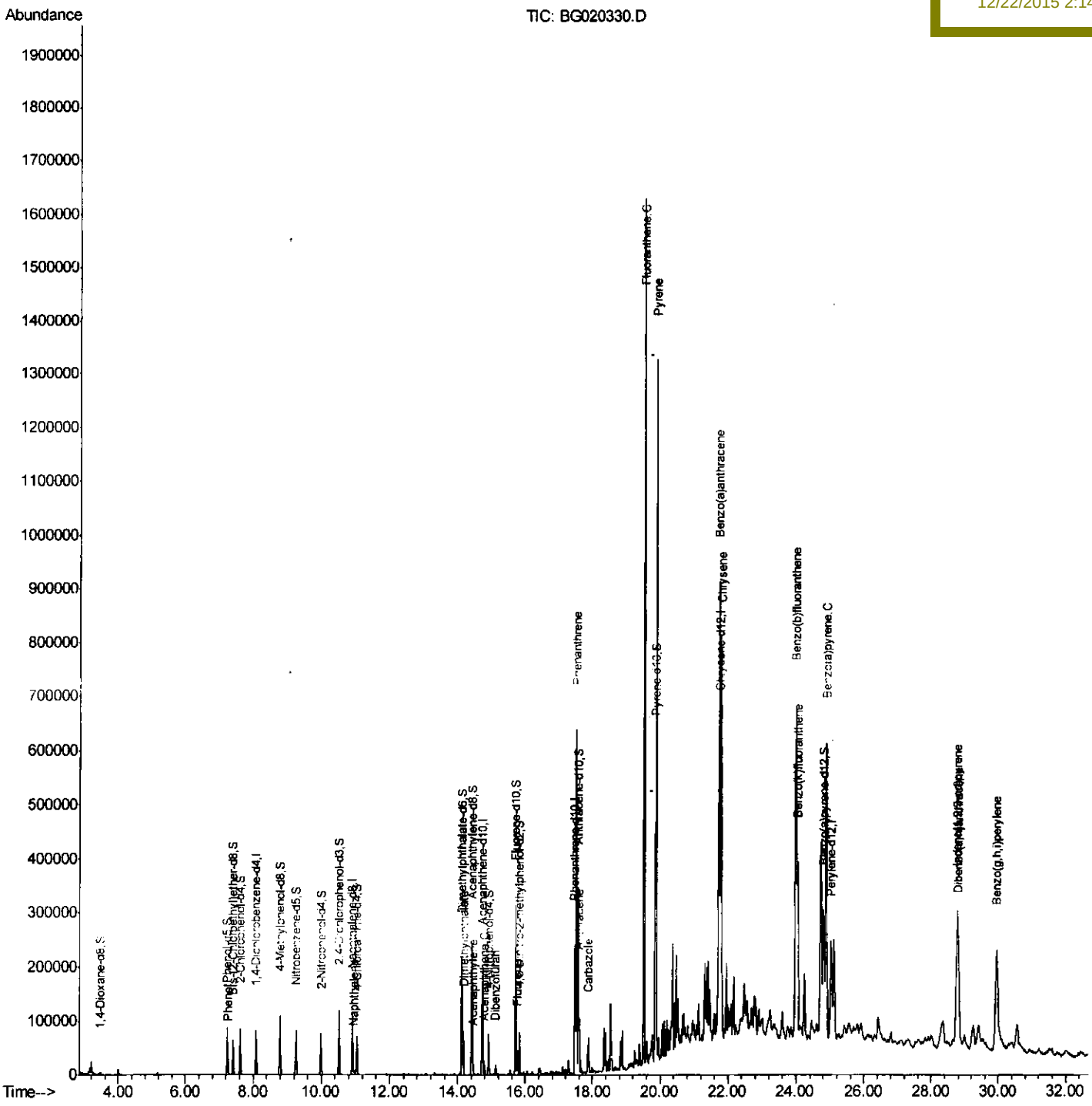
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020330.D
Acq On : 20 Dec 2015 2:54
Operator : UM/SJ
Sample : G4866-15
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Dec 20 06:37:43 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E43M5

Manual Integrations APPROVED
apatel
12/22/2015 2:14:34 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020330.D
Acq On : 20 Dec 2015 2:54
Operator : UM/SJ
Sample : G4866-15
Misc :
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Quant Time: Dec 20 06:00:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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ClientSampleId :
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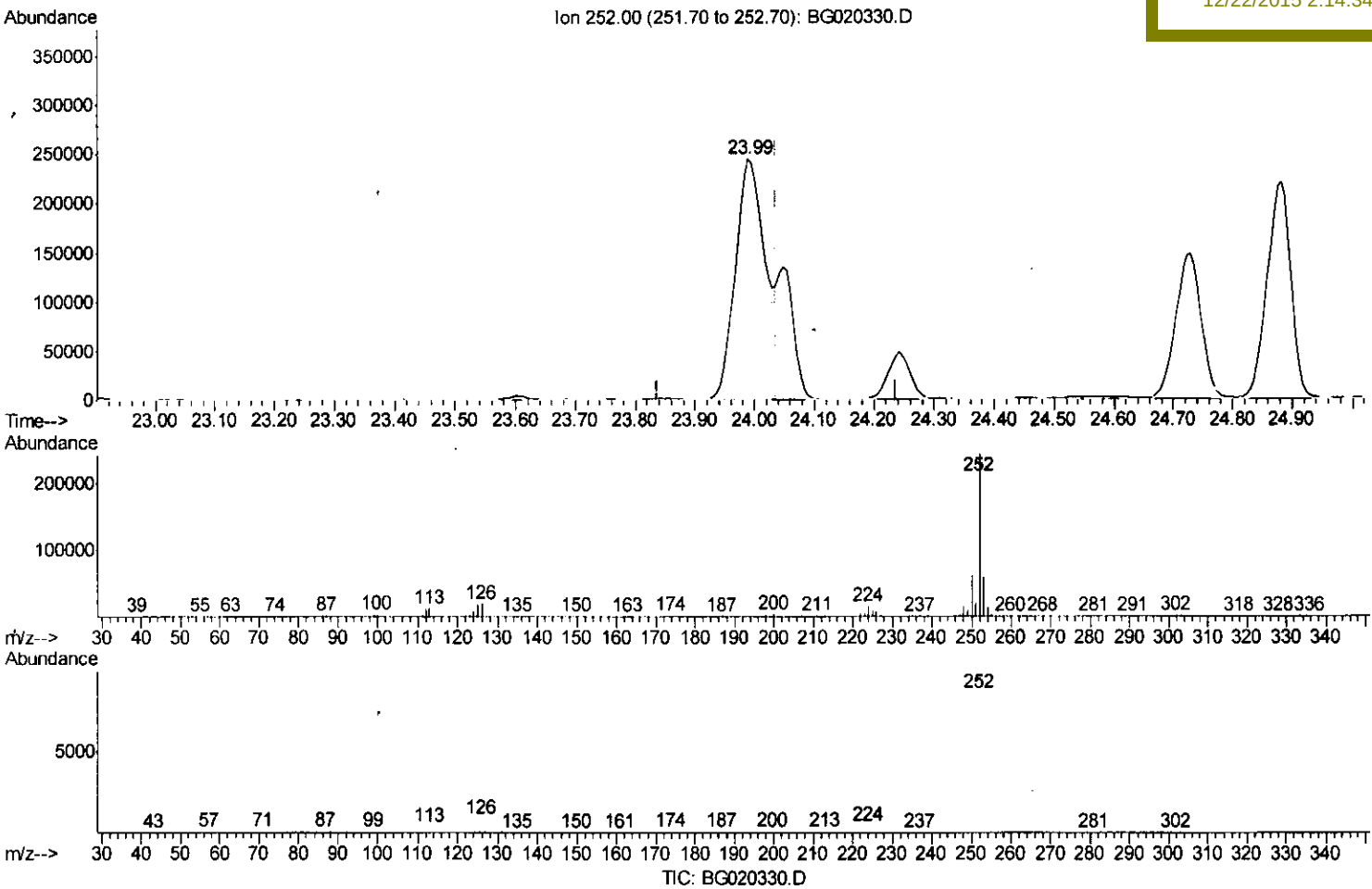
Manual Integrations APPROVED
apatel
12/22/2015 2:14:34 PM



(89) Benzo(k)fluoranthene

23.989min (-0.048) 74.78ng/ul

response 826953

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.93
125.00	7.20	7.43
0.00	0.00	0.00

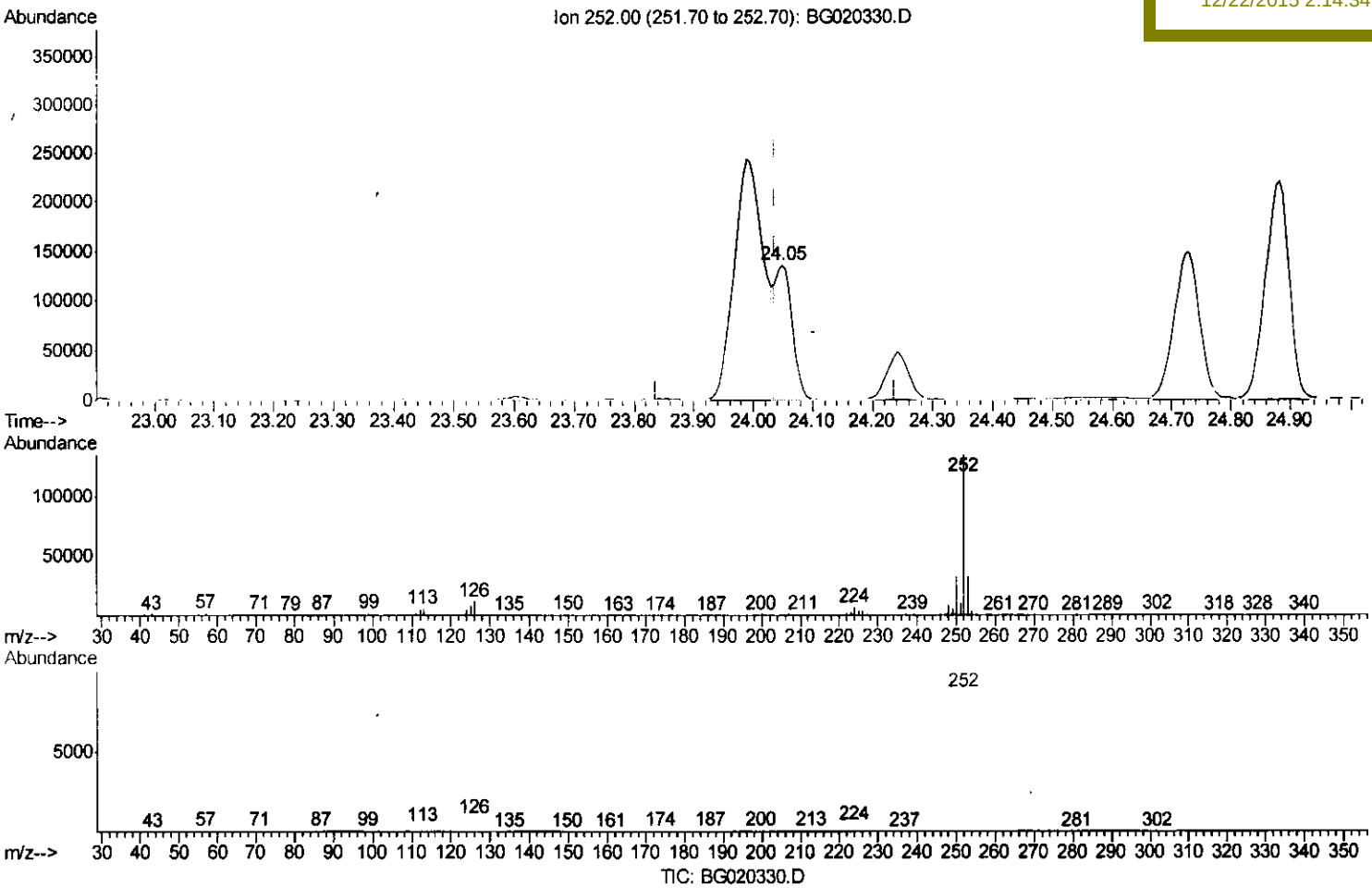
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020330.D
Acq On : 20 Dec 2015 2:54
Operator : UM/SJ
Sample : C4866-15
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Dec 20 06:00:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E43M5

Manual Integrations APPROVED
apatel
12/22/2015 2:14:34 PM



TIC: BG020330.D

(89) Benzo(k)fluoranthene

24.048min (+0.011) 25.58ng/ul m U, M 12/22/15

response 282858

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.94
125.00	7.20	6.52
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020330.D
Acq On : 20 Dec 2015 2:54
Operator : UM/SJ
Sample : G4866-15
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Dec 20 06:37:43 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : E43M5

Manual Integrations APPROVED
apatel
12/22/2015 2:14:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	23769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	100499	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	68722	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	156453	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	195165	20.00	ng/ul	0.01
86) Perylene-d12	25.02	264	191467	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	2003	4.65	ng/uL	0.00
5) Phenol-d5	7.24	99	52611	25.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	31454	25.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	42005	27.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	43556	24.30	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	21264	27.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	26413	30.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	47665	26.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	42319	21.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	151537	27.26	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	179145	27.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	20936	21.00	ng/ul	0.00
58) Fluorene-d10	15.71	176	134343	26.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	20538	22.14	ng/ul	0.00
71) Anthracene-d10	17.57	188	202985	28.16	ng/ul	0.00
79) Pyrene-d10	19.85	212	239112	26.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	273055	28.59	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.27	94	2670	1.19	ng/ul	96
28) Naphthalene	10.96	128	8247	1.57	ng/ul	99
45) Dimethylphthalate	14.17	163	53739	9.47	ng/ul	98
48) Acenaphthylene	14.45	152	10783	1.57	ng/ul	96
50) Acenaphthene	14.79	153	9237	2.00	ng/ul	98
54) Dibenzofuran	15.12	168	12522	1.82	ng/ul	92
59) Fluorene	15.77	166	21783	3.94	ng/ul	91
70) Phenanthrene	17.51	178	426983	49.89	ng/ul	99
72) Anthracene	17.60	178	101073	11.64	ng/ul	99
75) Carbazole	17.87	167	45432	6.23	ng/ul	97
77) Fluoranthene	19.52	202	1067557	106.74	ng/ul	99
80) Pyrene	19.88	202	852244	72.15	ng/ul	99
83) Benzo(a)anthracene	21.73	228	551681	48.45	ng/ul	97
85) Chrysene	21.80	228	555393	51.78	ng/ul	95
88) Benzo(b)fluoranthene	23.99	252	826953	71.76	ng/ul	95
89) Benzo(k)fluoranthene	24.05	252	282858m	25.58	ng/ul	
91) Benzo(a)pyrene	24.88	252	598613	54.80	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.78	276	480344	36.92	ng/ul	95
93) Dibenzo(a,h)anthracene	28.81	278	100573	9.31	ng/ul	93
94) Benzo(g,h,i)perylene	29.95	276	440809	41.33	ng/ul	100

U.M 12/22/15

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