

(LSC Reviewed)

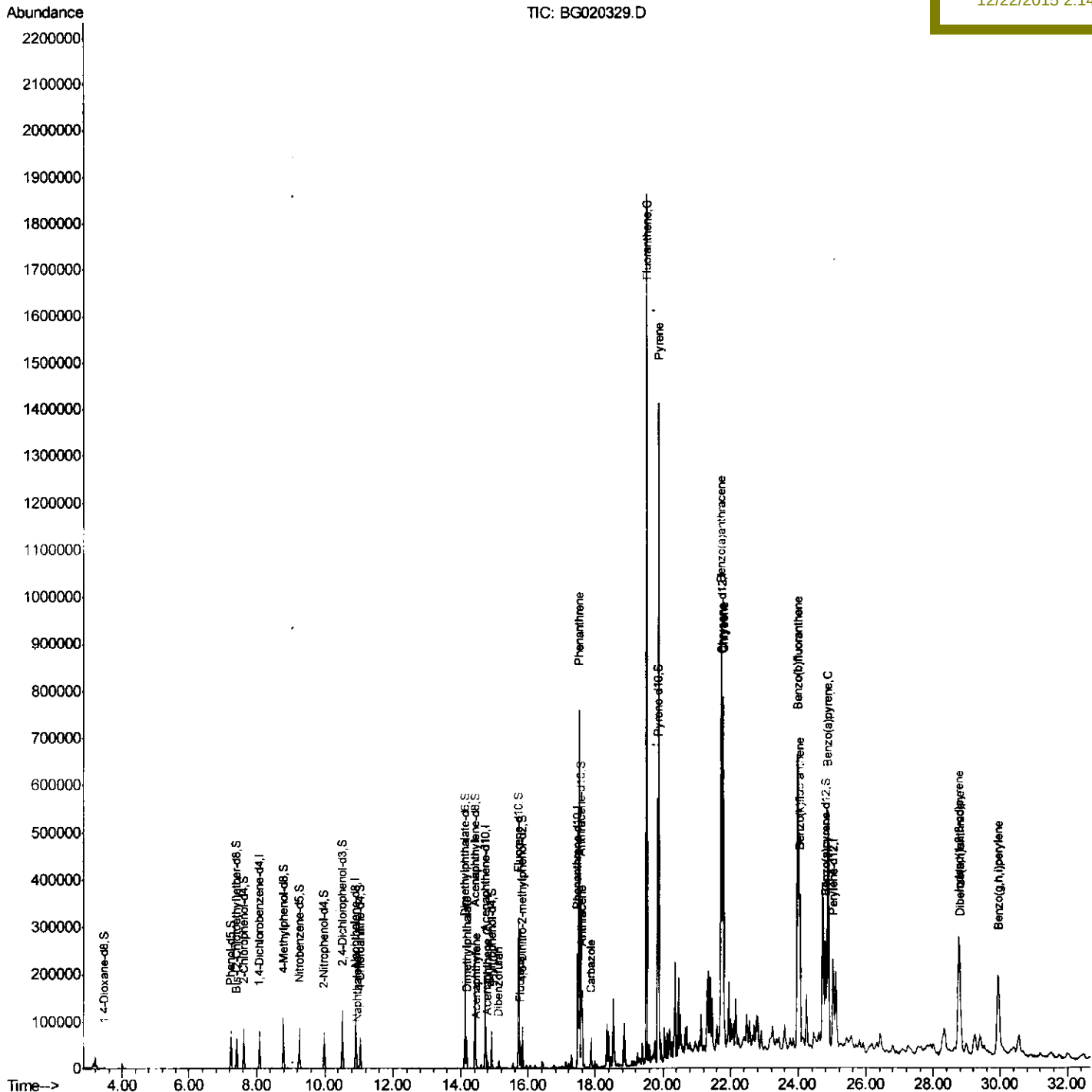
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020329.D
Acq On : 20 Dec 2015 , 2:16
Operator : UM/SJ
Sample : 04866-11
Alias :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43M3

Quant Time: Dec 20 06:32:23 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

Manual Integrations

apatel
12/22/2015 2:14:30 PM



Quantitation Report (Qedit)

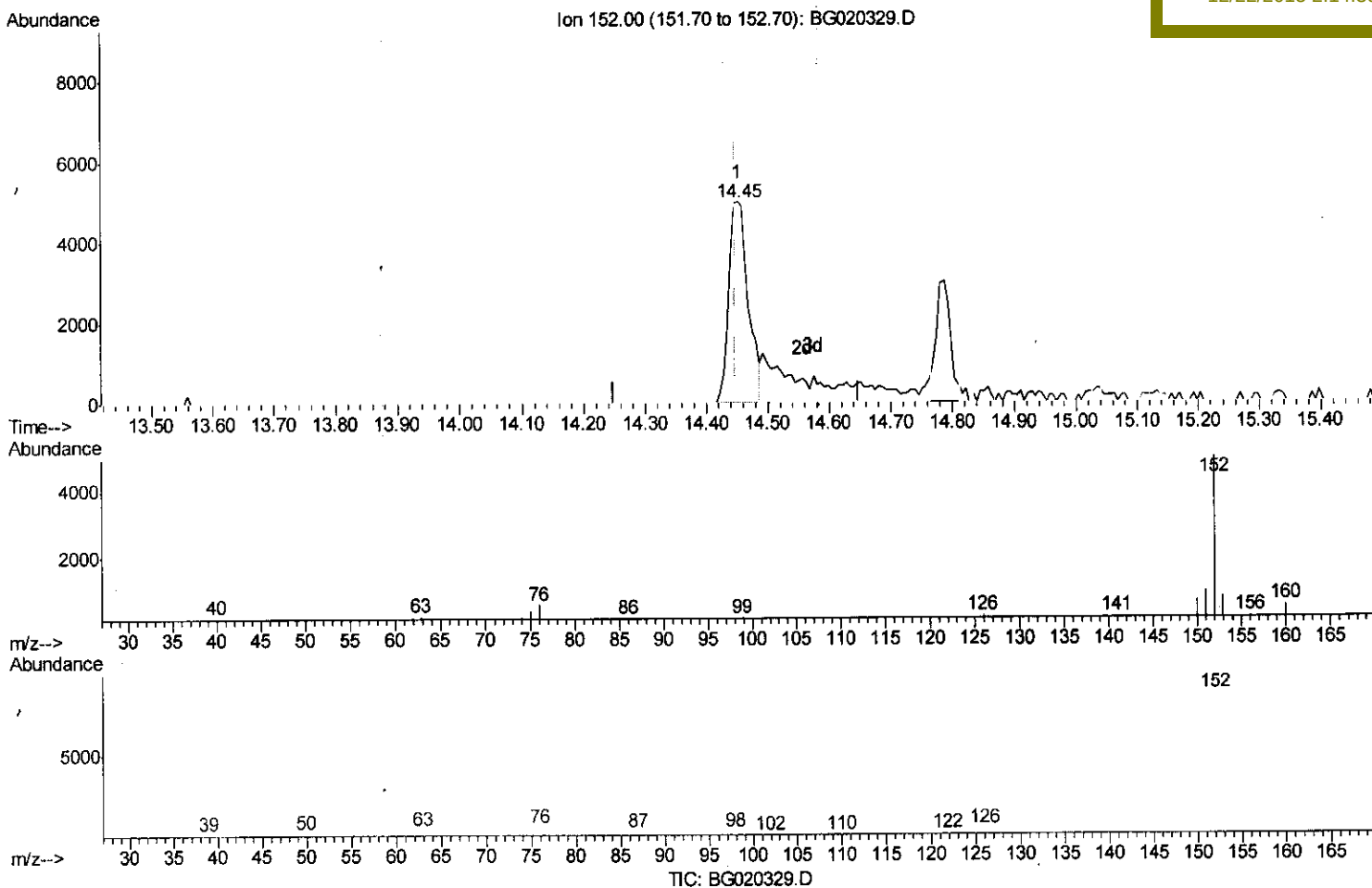
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020329.D
 Acq On : 20 Dec 2015 2:16
 Operator : UM/SJ
 Sample : G4866-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43M3

Quant Time: Dec 20 06:00:10 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

Manual Integrations
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(48) Acenaphthylene

14.451min (+0.003) 1.60ng/ul

response 11064

ion	Exp%	Act%
152.00	100	100
151.00	20.50	18.80
153.00	13.00	15.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

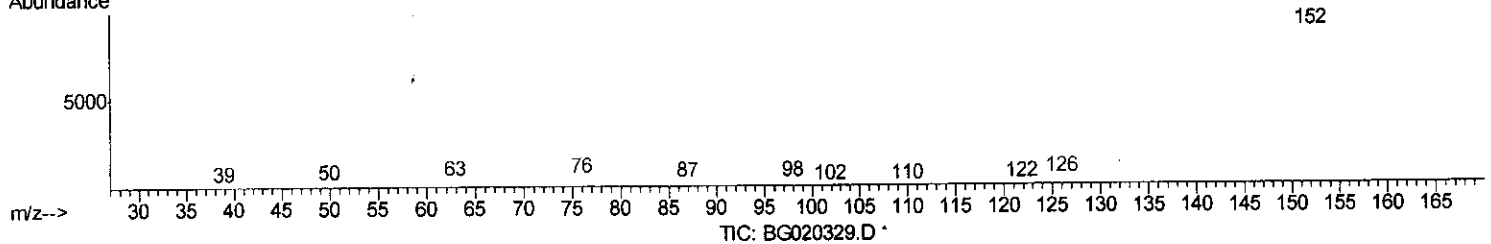
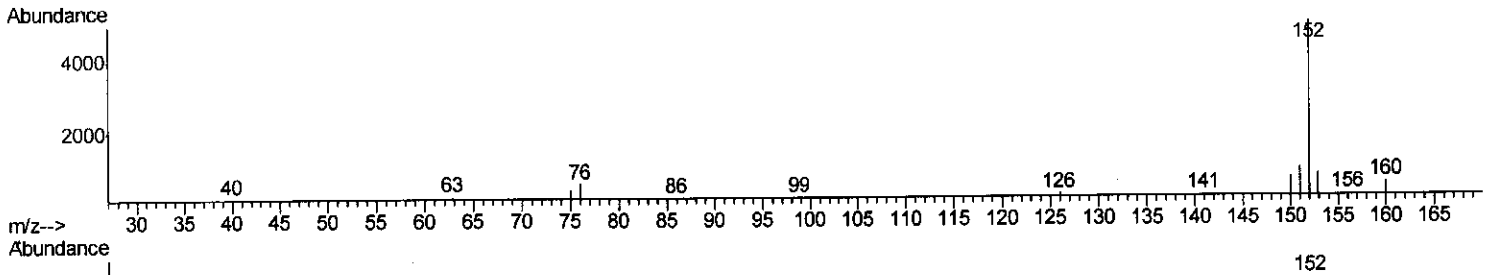
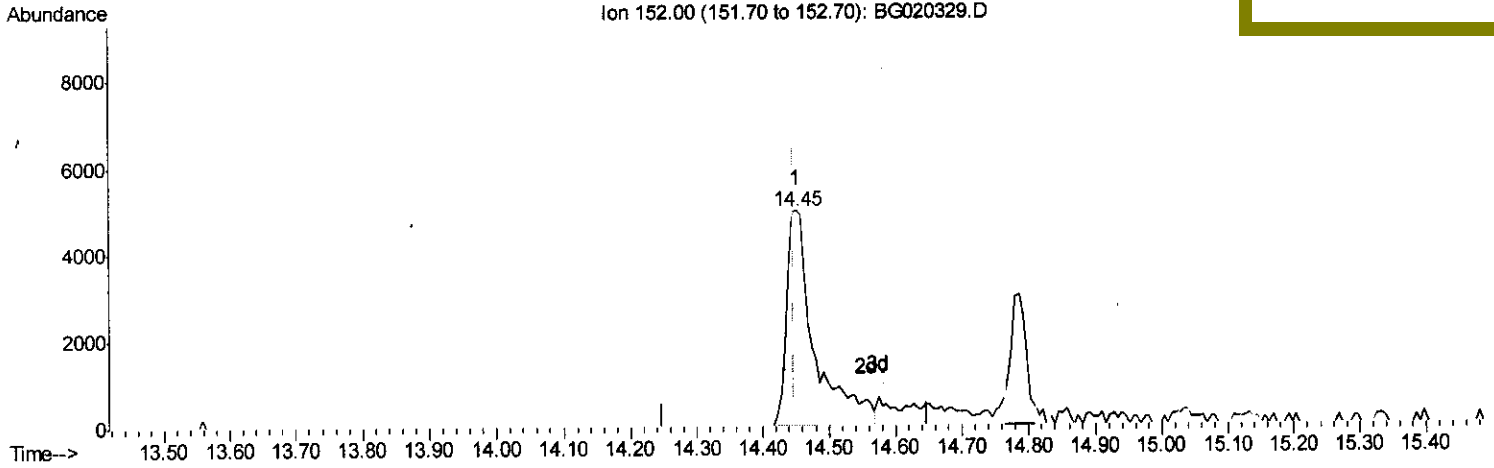
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020329.D
 Acq On : 20 Dec 2015 2:16
 Operator : UM/SJ
 Sample : G4866-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43M3

Quant Time: Dec 20 06:00:10 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

Manual Integrations
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(48) Acenaphthylene

14.451min (+0.003) 2.12ng/ul m U.M
12/22/15

response 14631

Ion	Exp%	Act%
152.00	100	100
151.00	20.50	18.80
153.00	13.00	15.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

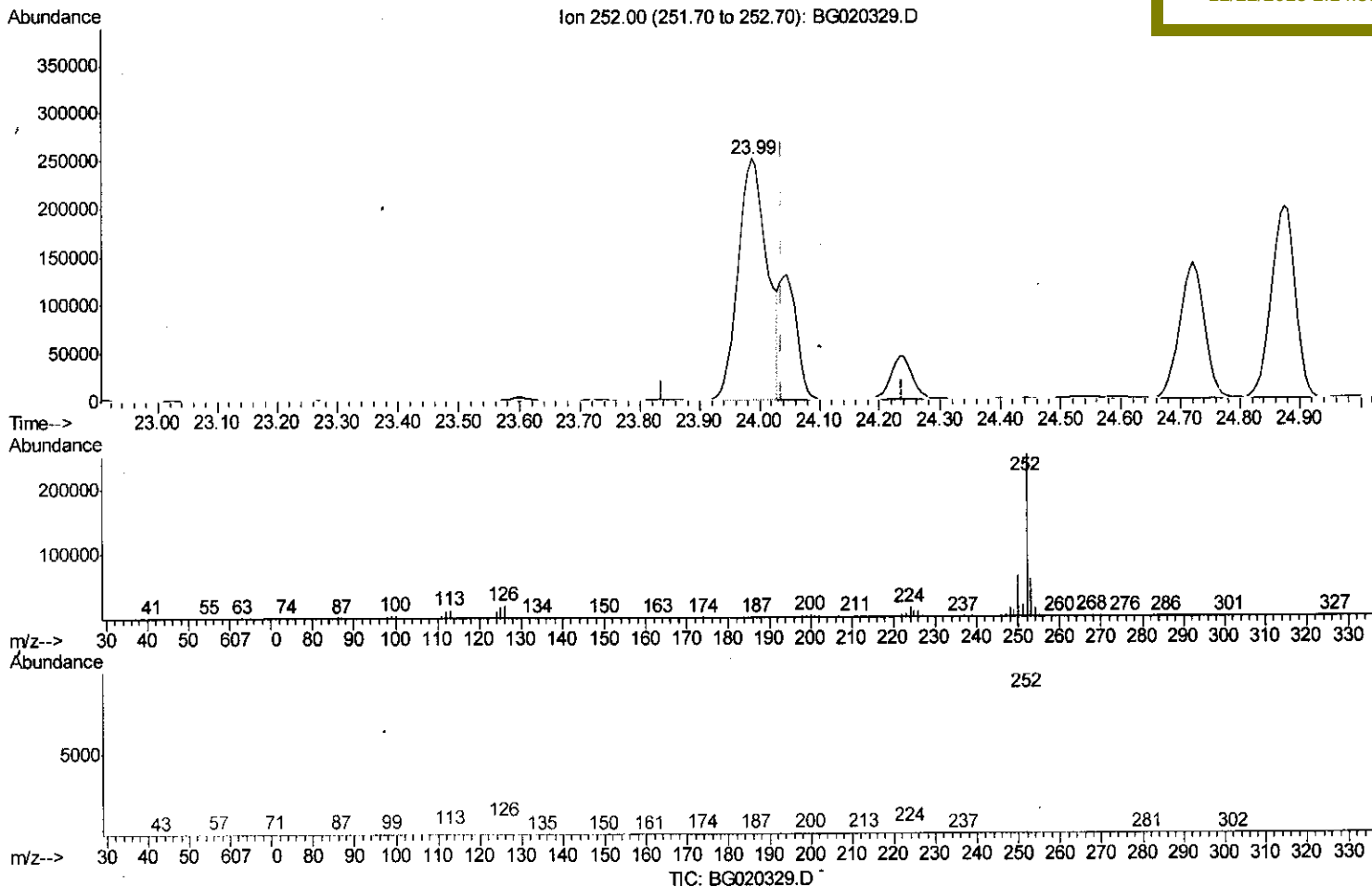
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020329.D
 Acq On : 20 Dec 2015 2:16
 Operator : UM/SJ
 Sample : G4866-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E43M3

Quant Time: Dec 20 06:00:10 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

Manual Integrations
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(89) Benzo(k)fluoranthene

23.987min (-0.050) 75.60ng/ui

response 841395

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.16
125.00	7.20	6.98
0.00	0.00	0.00

Quantitation Report (Qedit)

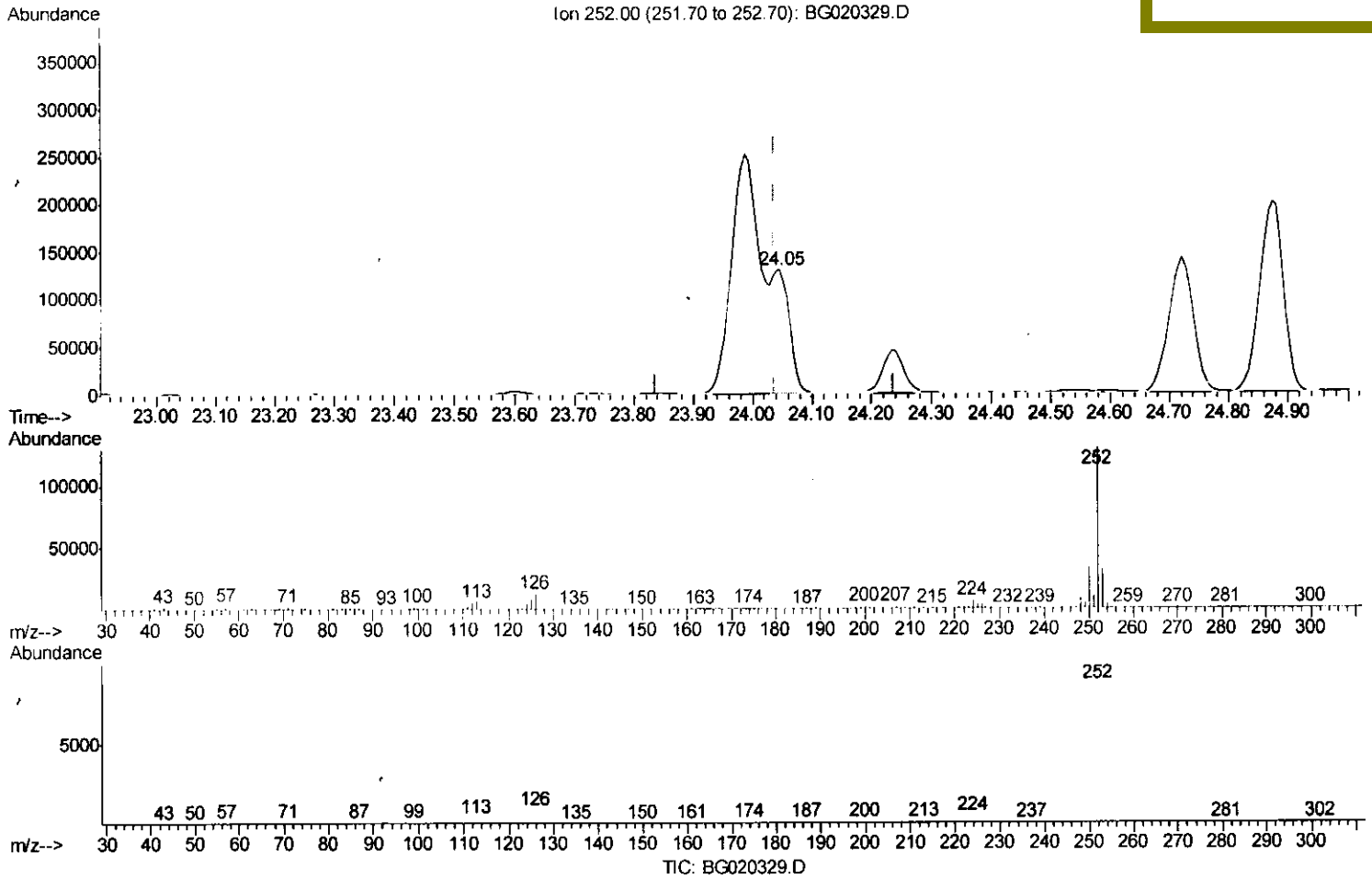
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020329.D
 Acq On : 20 Dec 2015 2:16
 Operator : JMW/SJ
 Sample : G4866-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43M3

Quant Time: Dec 20 06:00:10 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

Manual Integrations
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(89) Benzo(k)fluoranthene

24.046min (+0.009) 23.76ng/ul m U.M

response 264423

12/22/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.04
125.00	7.20	6.59
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 ,Data File : BG020329.D
 Acq On : 20 Dec 2015 2:16
 Operator : UM/SJ
 Sample : G4866-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43M3

Quant Time: Dec 20 06:32:23 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

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	23754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	103720	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	69061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	160137	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	198790	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	192690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1975	4.59	ng/uL	0.00
5) Phenol-d5	7.24	99	51799	24.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	31027	24.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	41356	27.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	41863	23.37	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22206	27.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	26103	29.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	48433	26.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	41146	20.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	158764	28.42	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	182704	28.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	21663	21.62	ng/ul	0.00
58) Fluorene-d10	15.71	176	142284	28.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	23295	24.54	ng/ul	0.00
71) Anthracene-d10	17.57	188	208519	28.26	ng/ul	0.00
79) Pyrene-d10	19.85	212	240813	25.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	268042	27.89	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.96	128	5657	1.04	ng/ul	97
45) Dimethylphthalate	14.17	163	47917	8.40	ng/ul	99
48) Acenaphthylene	14.45	152	14631m	2.12	ng/ul	98
50) Acenaphthene	14.78	153	9462	2.04	ng/ul	96
54) Dibenzofuran	15.11	168	10725	1.55	ng/ul	97
59) Fluorene	15.77	166	21133	3.81	ng/ul	99
70) Phenanthrene	17.51	178	486968	55.59	ng/ul	99
72) Anthracene	17.60	178	110722	12.46	ng/ul	99
75) Carbazole	17.86	167	44377	5.94	ng/ul	99
77) Fluoranthene	19.52	202	1193750	116.61	ng/ul	99
80) Pyrene	19.88	202	922718	76.69	ng/ul	98
83) Benzo(a)anthracene	21.72	228	575208	49.59	ng/ul	97
85) Chrysene	21.80	228	567870	51.98	ng/ul	96
88) Benzo(b)fluoranthene	23.99	252	841395	72.55	ng/ul	96
89) Benzo(k)fluoranthene	24.05	252	264423m	23.76	ng/ul	96
91) Benzo(a)pyrene	24.87	252	553167	50.32	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.77	276	461152	35.22	ng/ul	94
93) Dibenz(a,h)anthracene	28.80	278	102838	9.46	ng/ul#	94
94) Benzo(a,h,i)perylene	29.94	276	395790	36.88	ng/ul	99

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