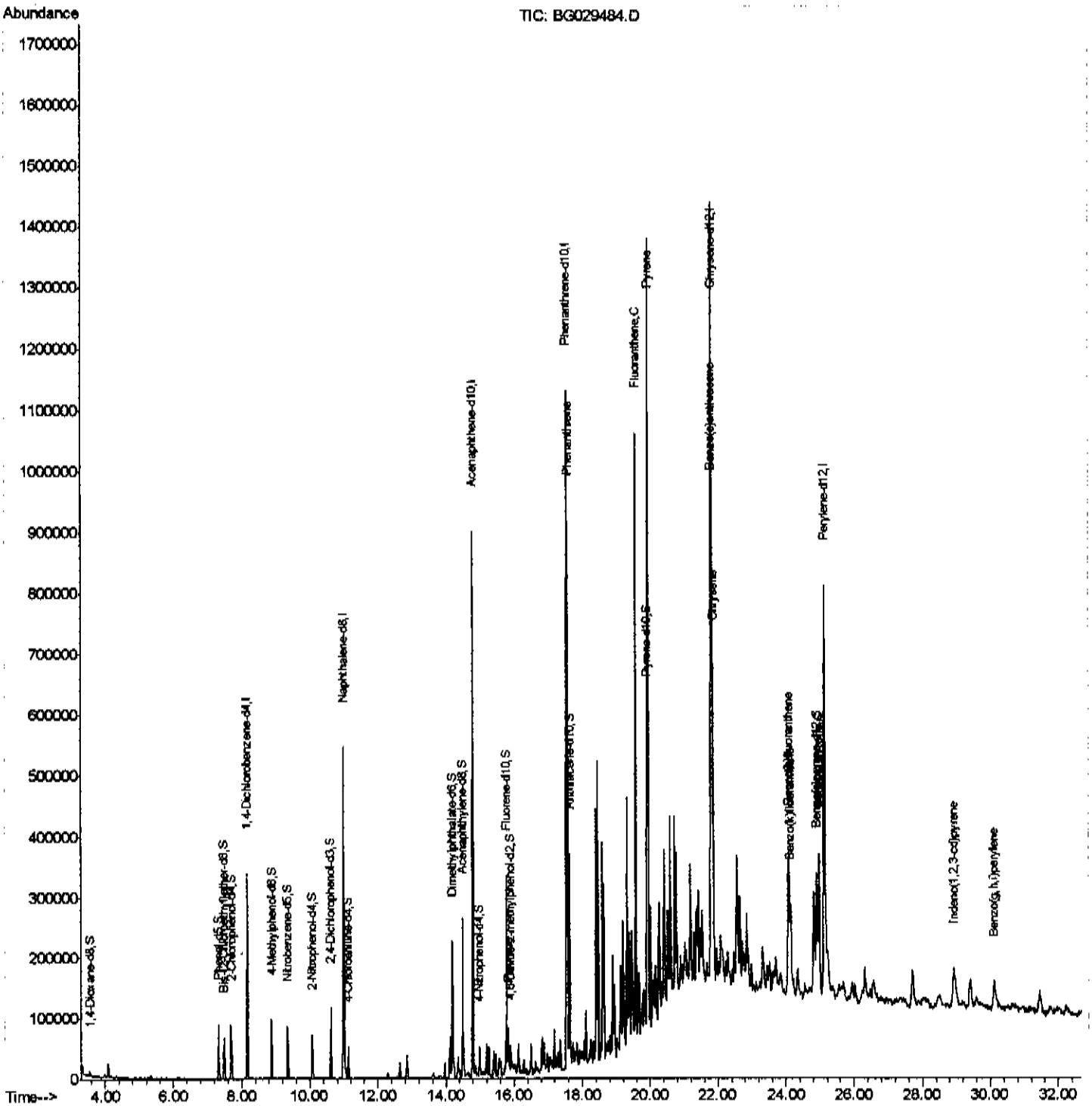
Instrument :
BNA_G
ClientSampleId :
B0D03DL

Manual Integrations APPROVED
Sohil
10/27/2017 5:33:09 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029484.D
Acq On : 26 Oct 2017 19:06
Operator : SJ/JU
Sample : I5792-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 27 02:31:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration



Instrument :
BNA_G
ClientSampleId :
B0D03DL

Manual Integrations APPROVED
Sohil
10/27/2017 5:33:09 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029484.D
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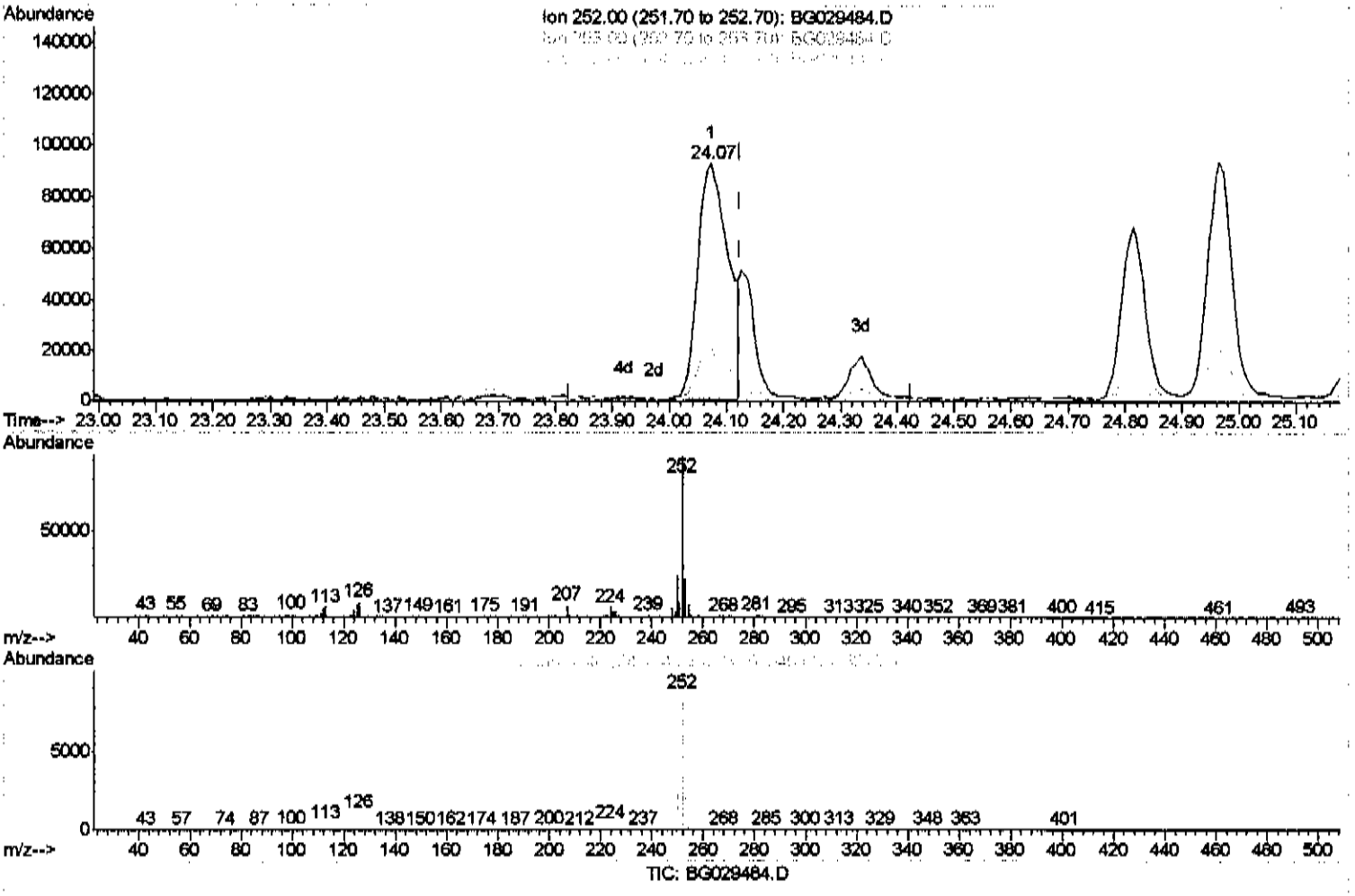
Quant Time: Oct 27 02:17:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration



TIC: BG029484.D

(86) Benzo(k)fluoranthene

24.072min (-0.052) 8.00ng/ul

response 342508

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.93
125.00	9.80	8.72
0.00	0.00	0.00

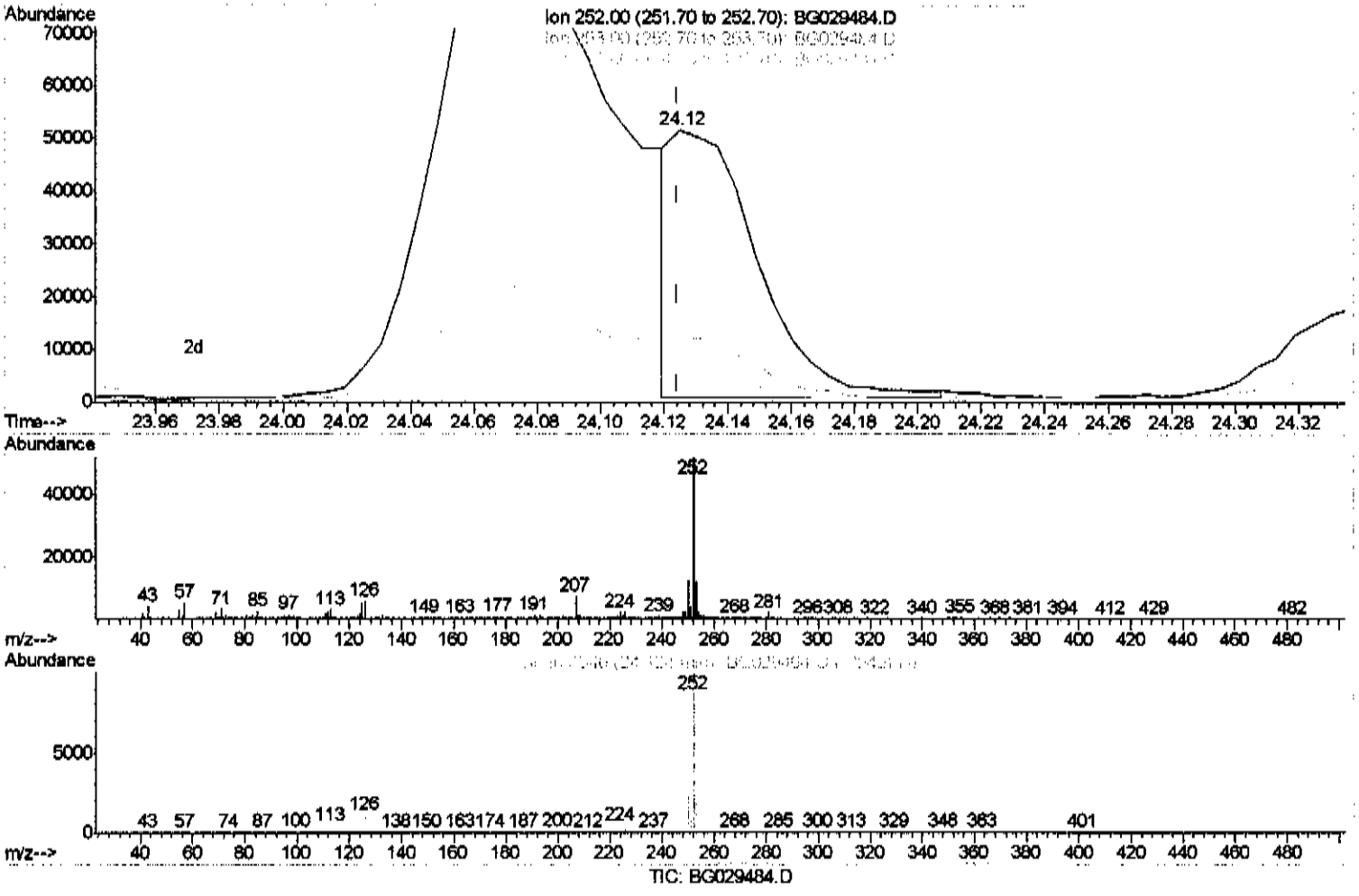
Instrument :
BNA_G
ClientSampleId :
B0D03DL

Manual Integrations APPROVED
Sohil
10/27/2017 5:33:09 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029484.D
Acq On : 26 Oct 2017 19:06
Operator : SJ/JU
Sample : I5792-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 27 02:17:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.125min (+0.001) 2.17ng/ul m JV 10/28/17

reaponse 92895

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.37
125.00	9.80	10.20
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
B0D03DL

Manual Integrations APPROVED
Sohil
10/27/2017 5:33:09 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029484.D
Acq On : 26 Oct 2017 19:06
Operator : SJ/JU
Sample : I5792-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 27 02:31:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	99539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	490699	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	306343	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	676847	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	719765	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	737186	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	2634	1.08	ng/uL	0.00
5) Phenol-d5	7.32	99	52781	5.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	32724	5.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	44463	6.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	40838	5.29	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	22214	6.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	26040	7.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	49046	5.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	28518	2.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	158890	6.07	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	200261	6.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	13690	2.83	ng/ul	0.00
57) Fluorene-d10	15.78	176	144272	6.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11742	3.55	ng/ul	0.00
70) Anthracene-d10	17.63	188	209202	6.54	ng/ul	0.00
76) Pyrene-d10	19.90	212	238791	6.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	218898	6.27	ng/ul	0.01
Target Compounds						Qvalue
58) Fluorene	15.83	166	29983	1.24	ng/ul	92
69) Phenanthrene	17.57	178	565079	15.44	ng/ul	99
74) Fluoranthene	19.57	202	579721	14.18	ng/ul	98
77) Pyrene	19.93	202	759109	15.74	ng/ul	98
80) Benzo(a)anthracene	21.78	228	309045	6.85	ng/ul	98
82) Chrysene	21.85	228	387050	9.44	ng/ul	97
85) Benzo(b)fluoranthene	24.07	252	342508	7.74	ng/ul	95
86) Benzo(k)fluoranthene	24.12	252	92895m	2.17	ng/ul	
88) Benzo(a)pyrene	24.97	252	275959	6.41	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.93	276	138833	2.85	ng/ul	98
91) Benzo(g,h,i)perylene	30.11	276	119006	2.95	ng/ul#	84

JU 10/28/17

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