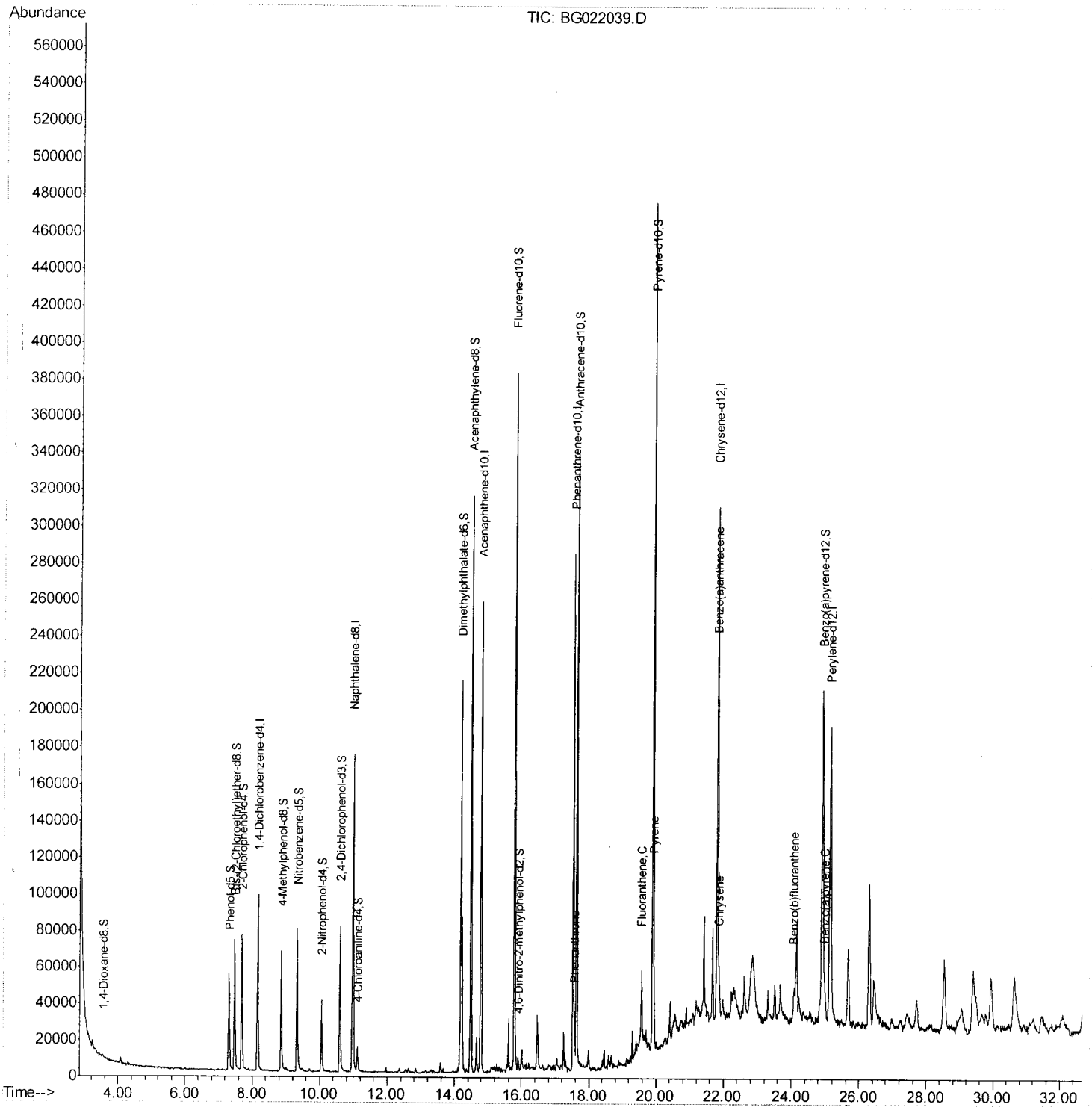
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
Data File : BG022039.D
Acq On : 23 May 2016 8:48
Operator : UM/SJ
Sample : H3203-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 24 13:48:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XJ4

Manual Integrations APPROVED
umangi
5/24/2016 7:33:55 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
Data File : BG022039.D
Acq On : 23 May 2016 8:48
Operator : UM/SJ
Sample : H3203-20
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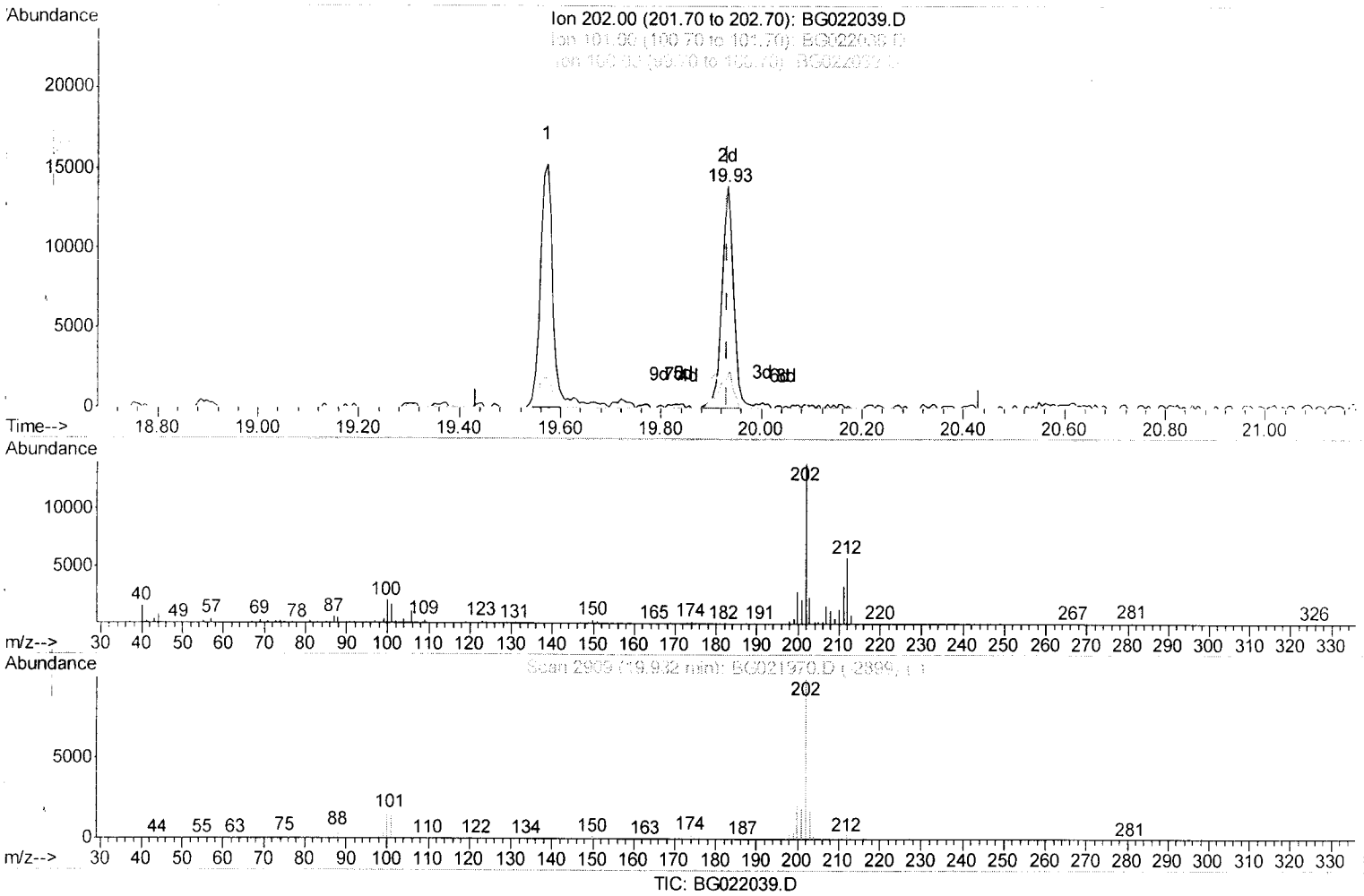
Quant Time: May 24 13:45:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XJ4

Manual Integrations APPROVED
umangi
5/24/2016 7:33:55 PM



(31) Pyrene

19.932min (-0.000) 1.92ng/ul m > 0.m. 05/25/16

response 22713

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.91
100.00	11.60	15.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

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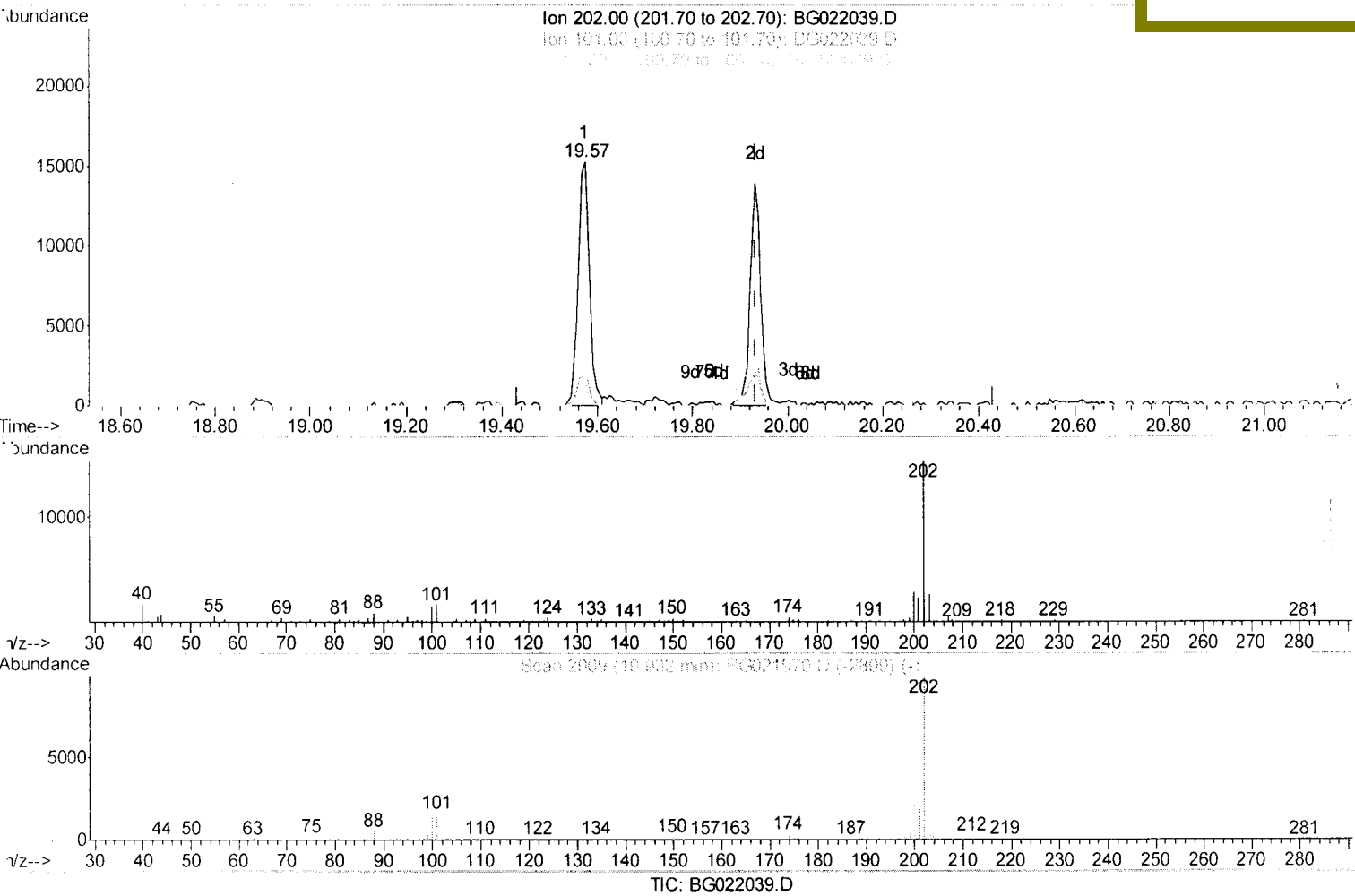
Manual Integrations APPROVED
umangi
5/24/2016 7:33:55 PM



TIC: BG022039.D

(31) Pyrene

19.573min (-0.359) 2.11ng/ul

response 25065

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	11.66
100.00	11.60	10.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
Data File : BG022039.D
Acq On : 23 May 2016 8:48
Operator : UM/SJ
Sample : H3203-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 24 13:48:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : D9XJ4

Manual Integrations APPROVED
umangi
5/24/2016 7:33:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37227	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	187073	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	100899	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	191721	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	172173	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	155875	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.53	96	1249	1.54	ng/uL	0.00
3) Phenol-d5	7.31	99	50735	15.43	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	39302	22.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	51469	19.07	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	37451	12.79	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	32376	24.67	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	22744	16.24	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	43536	17.59	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	11867	6.09	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	177950	22.87	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	272265	27.17	ng/ul	0.00
20) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
21) Fluorene-d10	15.77	176	174843	24.97	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	1821	1.91	ng/ul	0.00
26) Anthracene-d10	17.63	188	236096	26.73	ng/ul	0.00
30) Pyrene-d10	19.90	212	261862	28.83	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	208147	30.07	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	13862	1.35	ng/ul	98
28) Fluoranthene	19.57	202	25065	2.35	ng/ul	97
31) Pyrene	19.93	202	22713m	1.92	ng/ul	
32) Benzo(a)anthracene	21.79	228	10876	1.14	ng/ul	92
33) Chrysene	21.86	228	15225	1.64	ng/ul	96
35) Benzo(b)fluoranthene	24.09	252	19613	2.19	ng/ul#	90
38) Benzo(a)pyrene	24.98	252	9821	1.15	ng/ul#	93

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

U.M. 05/25/16