

(QT Reviewed)

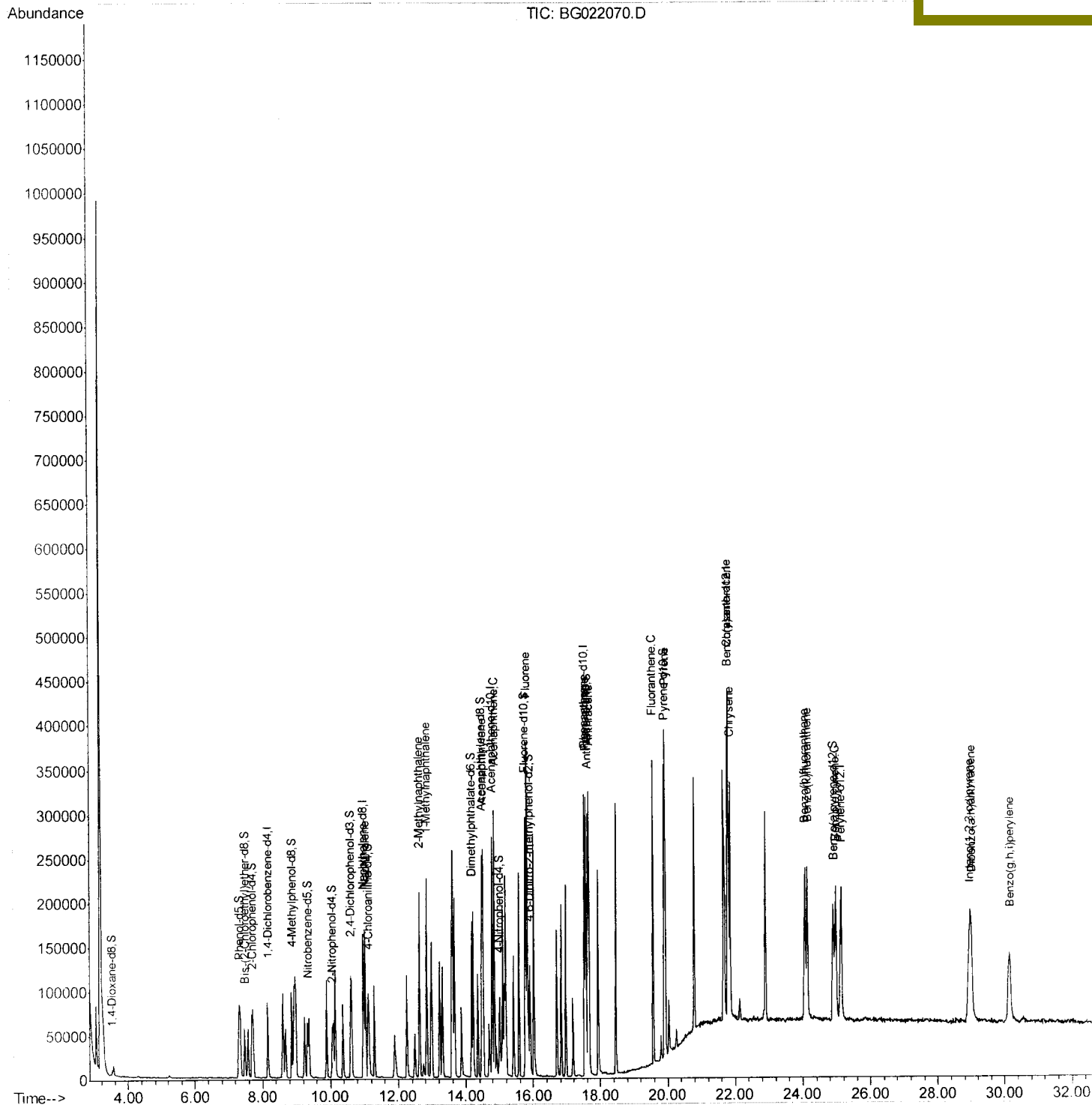
```
Data Path   : Z:\HPCHEM1\BNA_G\DATA\BG052516\  
Data File  : BG022070.D  
Acq On     : 25 May 2016   23:25  
Operator   : UM/SJ  
Sample     : SSTDCCC020EC  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02017

Quant Time: May 26 03:45:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 26 03:11:46 2016
Response via : Initial Calibration

Manual Integrations APPROVED

sohil
5/26/2016 6:43:07 PM



Quantitation Report (Qedit)

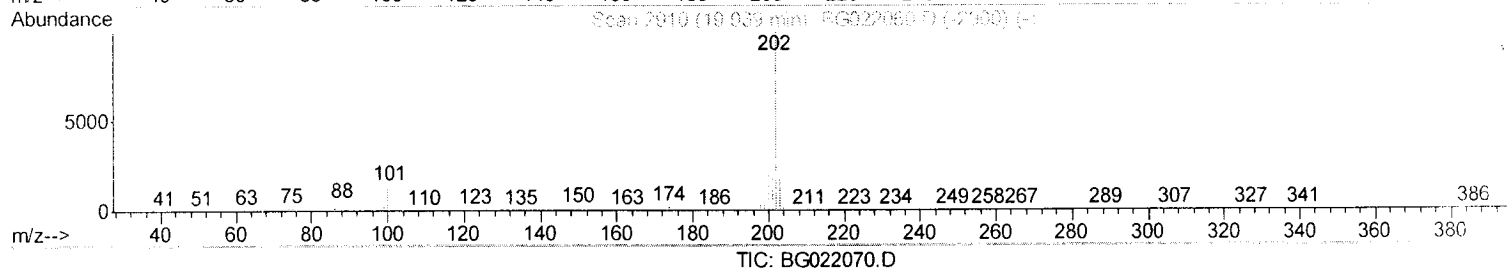
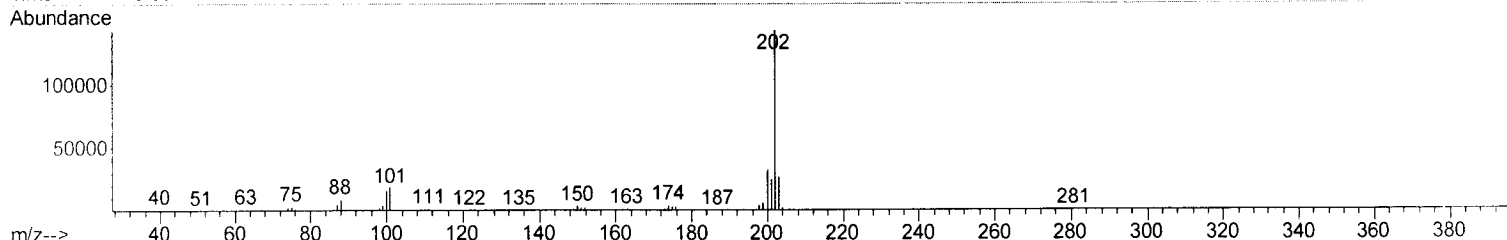
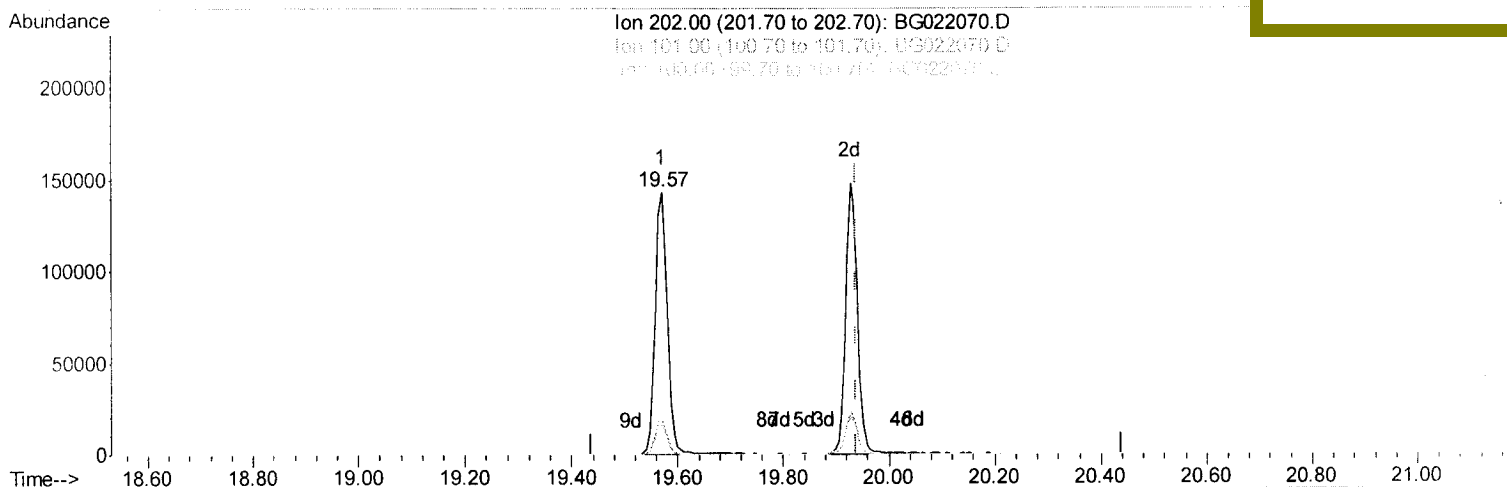
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(31) Pyrene

19.570min (-0.368) 19.11ng/ul

response 226562

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.85
100.00	11.60	11.31
0.00	0.00	0.00

Quantitation Report (Qedit)

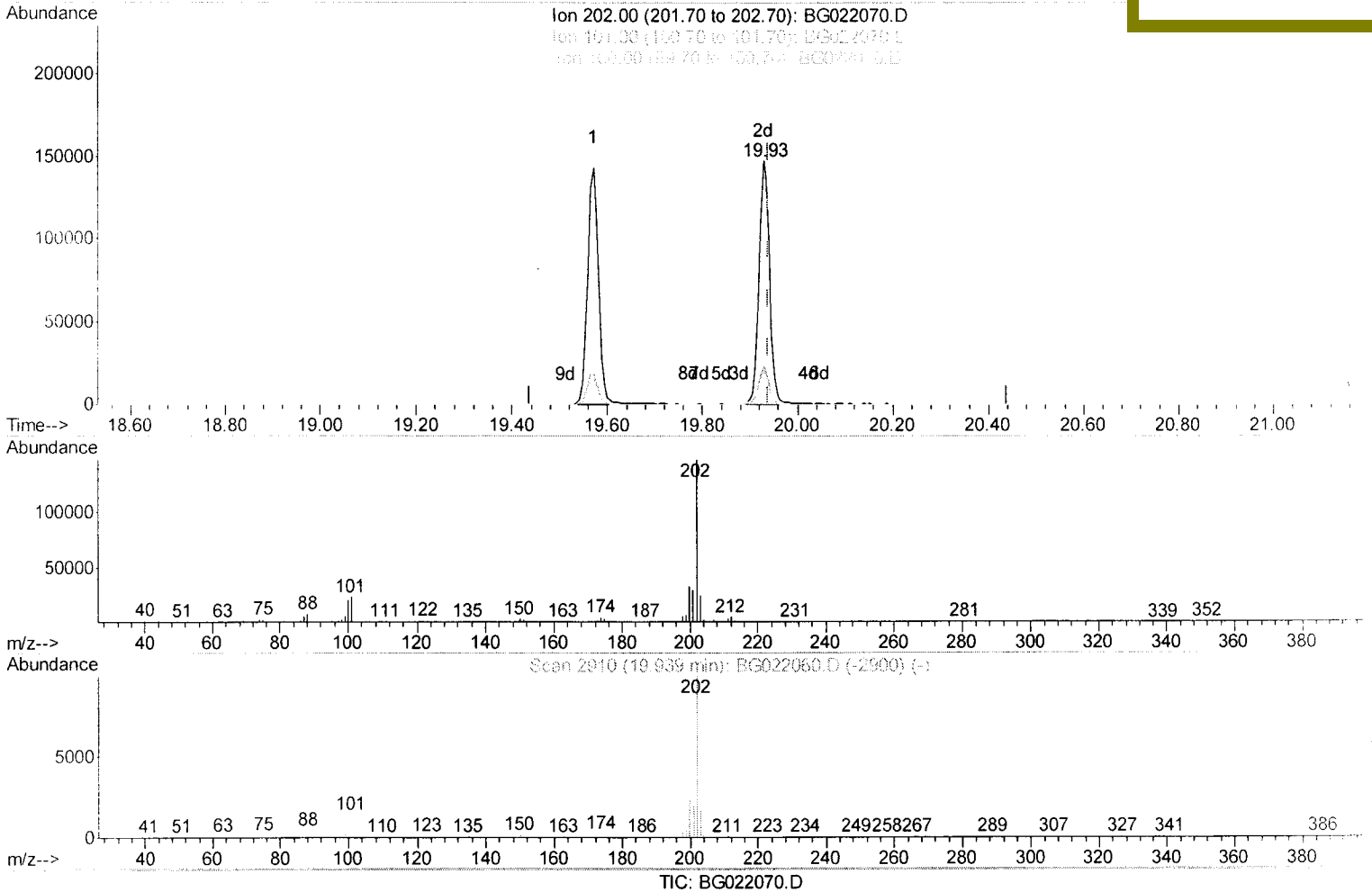
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(31) Pyrene

19.929min (-0.010) 19.42ng/ul m

response 230180

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.54#
100.00	11.60	13.94#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 BNA_G
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	32301	20.00	ng/ul	0.00
7) Naphthalene-d8	10.97	136	177261	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	103092	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	213680	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	172125	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	165040	20.00	ng/ul	-0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.52	96	4265	6.06	ng/uL	0.00
3) Phenol-d5	7.31	99	58289	20.44	ng/ul	0.00
4) Bis-(2-Chloroethyl) ether-d	7.47	67	29922	19.70	ng/ul	0.00
5) 2-Chlorophenol-d4	7.68	132	48228	20.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	49920	19.65	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	25085	20.17	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	28776	21.69	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	50048	21.34	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	54270	29.38	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	152261	19.15	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	207916	20.31	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	24883	17.80	ng/ul	0.00
21) Fluorene-d10	15.77	176	140347	19.62	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	23924	22.56	ng/ul	0.00
26) Anthracene-d10	17.63	188	193120	19.62	ng/ul	0.00
30) Pyrene-d10	19.90	212	182153	20.06	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	141368	19.29	ng/ul	0.00

Target Compounds

					Qvalue
11) Naphthalene	11.03	128	171400	19.88 ng/ul	97
13) 2-Methylnaphthalene	12.62	142	125174	20.03 ng/ul	100
14) 1-Methylnaphthalene	12.84	142	126033	19.71 ng/ul#	99
18) Acenaphthylene	14.51	152	207582	19.47 ng/ul	98
19) Acenaphthene	14.85	153	143021	19.54 ng/ul	97
22) Fluorene	15.83	166	154239	19.03 ng/ul	97
25) Phenanthrene	17.57	178	224613	19.67 ng/ul	97
27) Anthracene	17.66	178	228967	19.95 ng/ul	100
28) Fluoranthene	19.57	202	226562	19.09 ng/ul#	94
31) Pyrene	19.93	202	230180m	19.42 ng/ul	
32) Benzo(a)anthracene	21.79	228	186915	19.58 ng/ul	96
33) Chrysene	21.86	228	175614	18.91 ng/ul	97
35) Benzo(b)fluoranthene	24.07	252	176249	18.58 ng/ul#	97
36) Benzo(k)fluoranthene	24.14	252	175552	18.81 ng/ul#	97
38) Benzo(a)pyrene	24.98	252	170968	18.84 ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	28.96	276	201848	19.57 ng/ul#	92
40) Dibenzo(a,h)anthracene	29.01	278	170074	19.91 ng/ul	97
41) Benzo(g,h,i)perylene	30.16	276	163922	18.79 ng/ul#	92

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

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 05/27/16