

Quantitation Report (QT Reviewed)

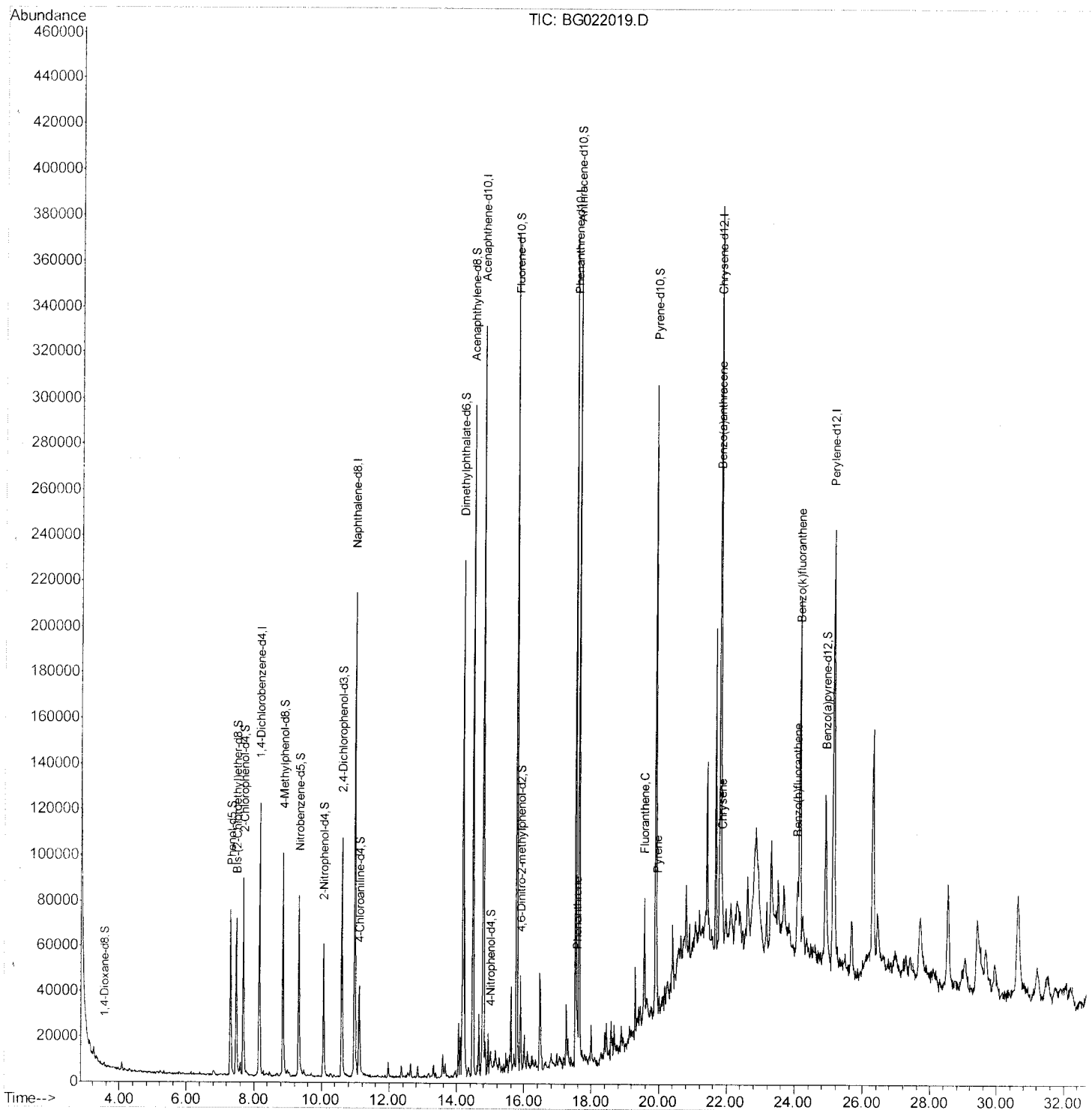
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022019.D
 Acq On : 22 May 2016 19:22
 Operator : UM/SJ
 Sample : H3204-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XK0

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:33:05 PM

Quant Time: May 24 10:11:29 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



Quantitation Report (Qedit)

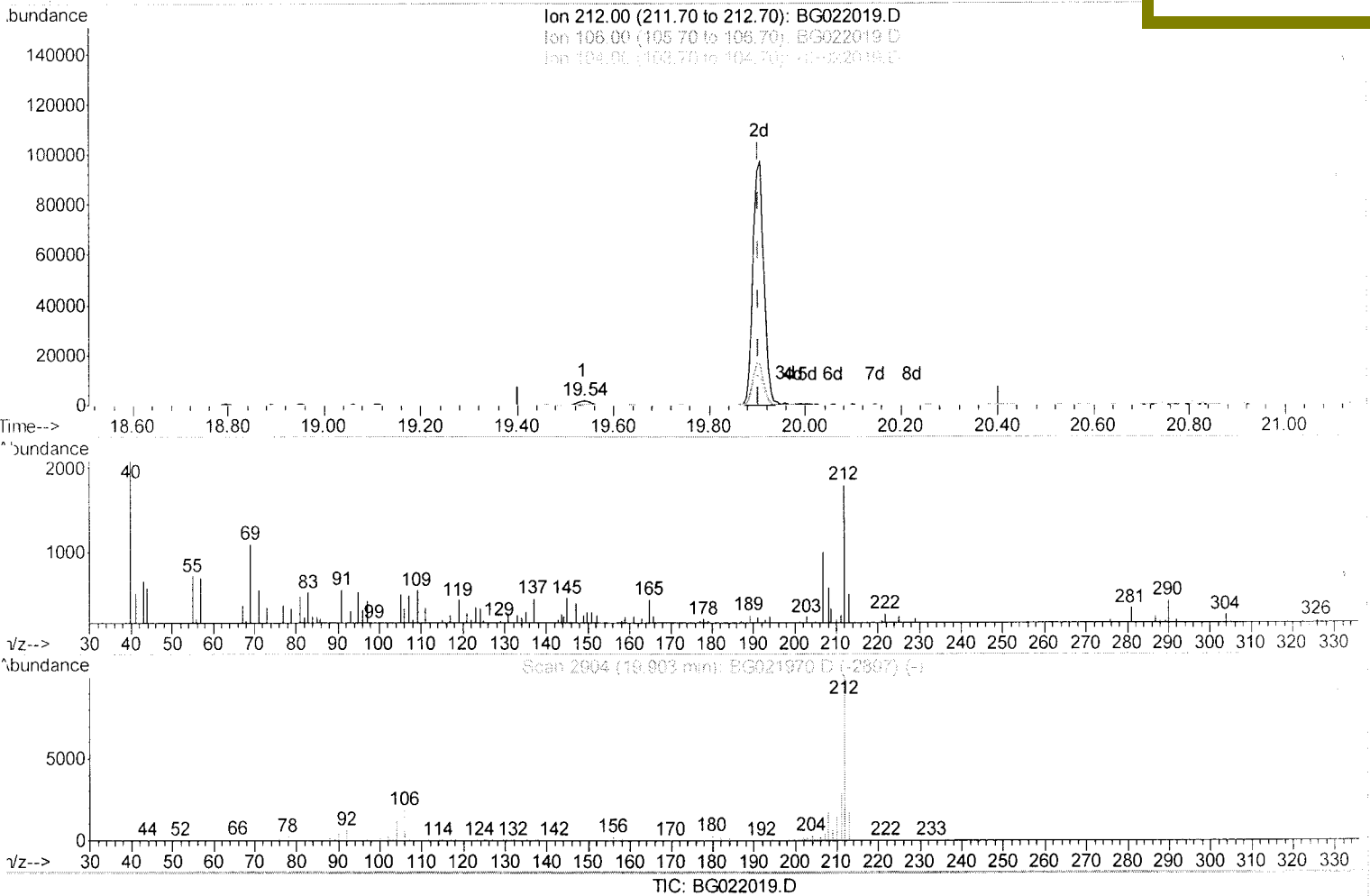
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(30) Pyrene-d10 (S)

19.536min (-0.367) 0.31ng/ul

response 3233

Ion	Exp%	Act%
212.00	100	100
106.00	15.30	17.88
104.00	9.40	8.75
0.00	0.00	0.00

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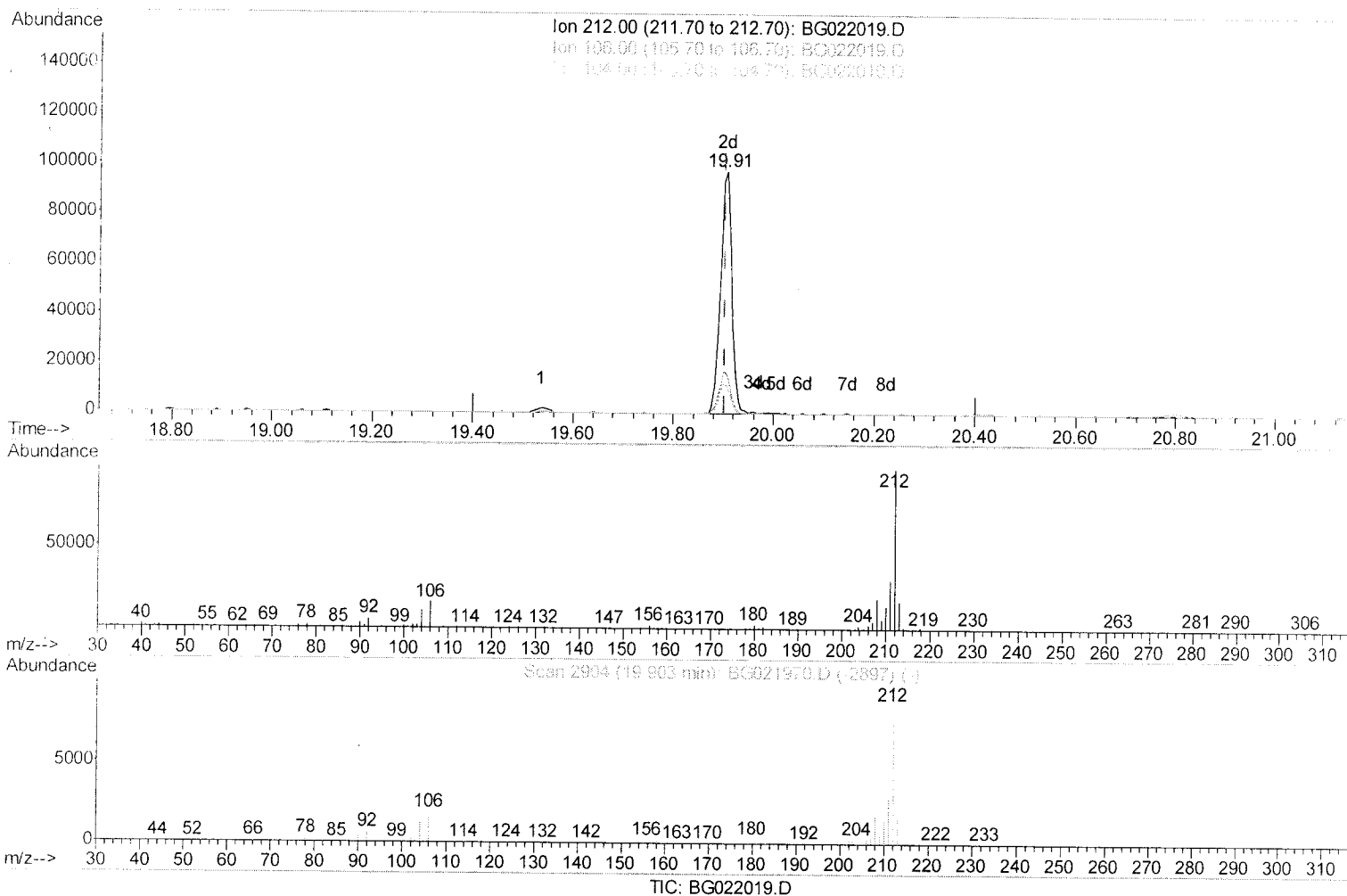
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(30) Pyrene-d10 (S)

19.906min (+0.003) 14.54ng/ul m

u.m.
 05/25/16

response 152580

Ion	Exp%	Act%
212.00	100	100
106.00	15.30	16.43
104.00	9.40	11.42#
0.00	0.00	0.00

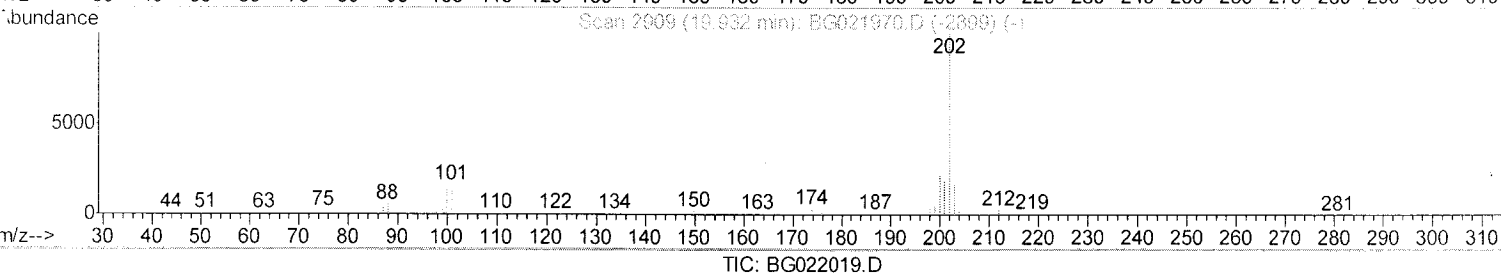
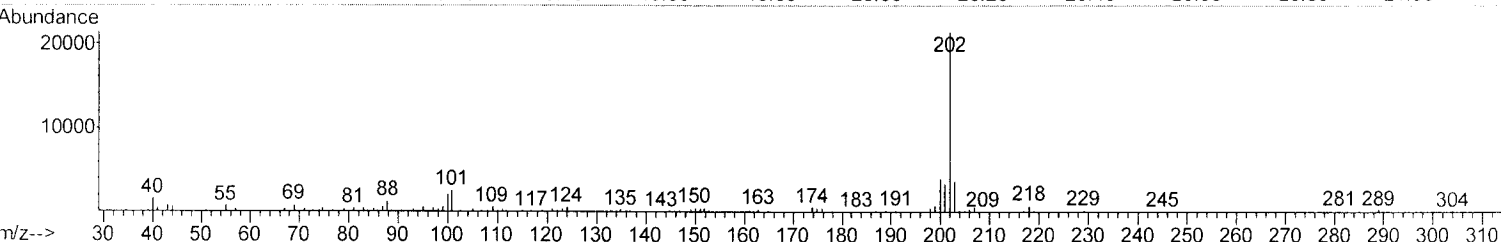
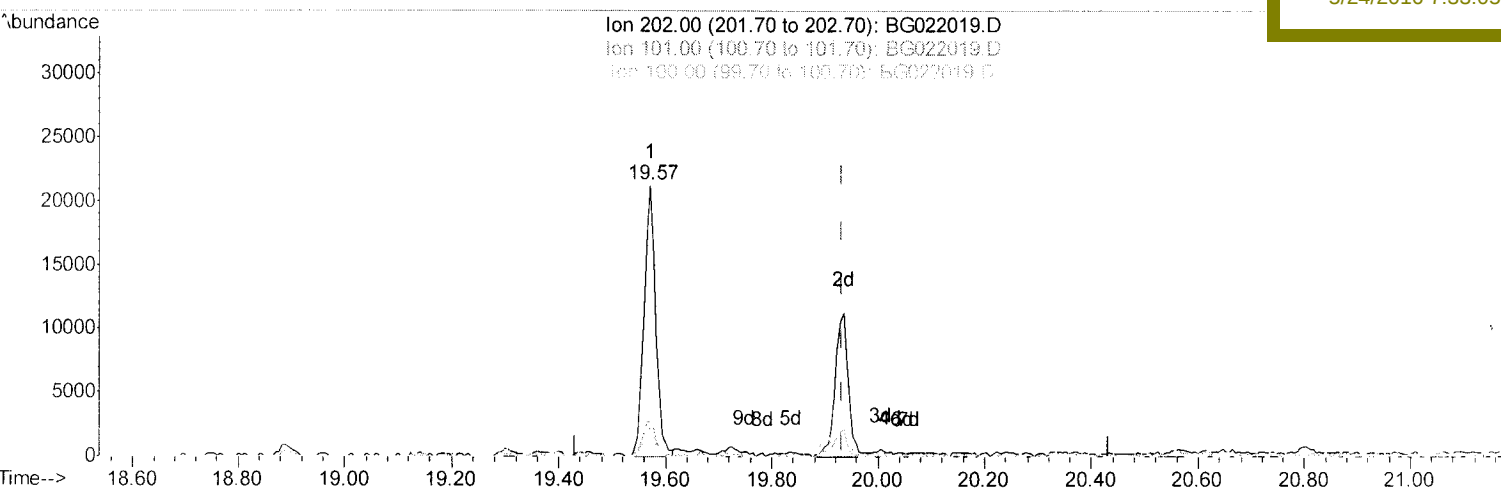
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(31) Pyrene

19.571min (-0.361) 2.33ng/ul

response 31936

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.42
100.00	11.60	10.36
0.00	0.00	0.00

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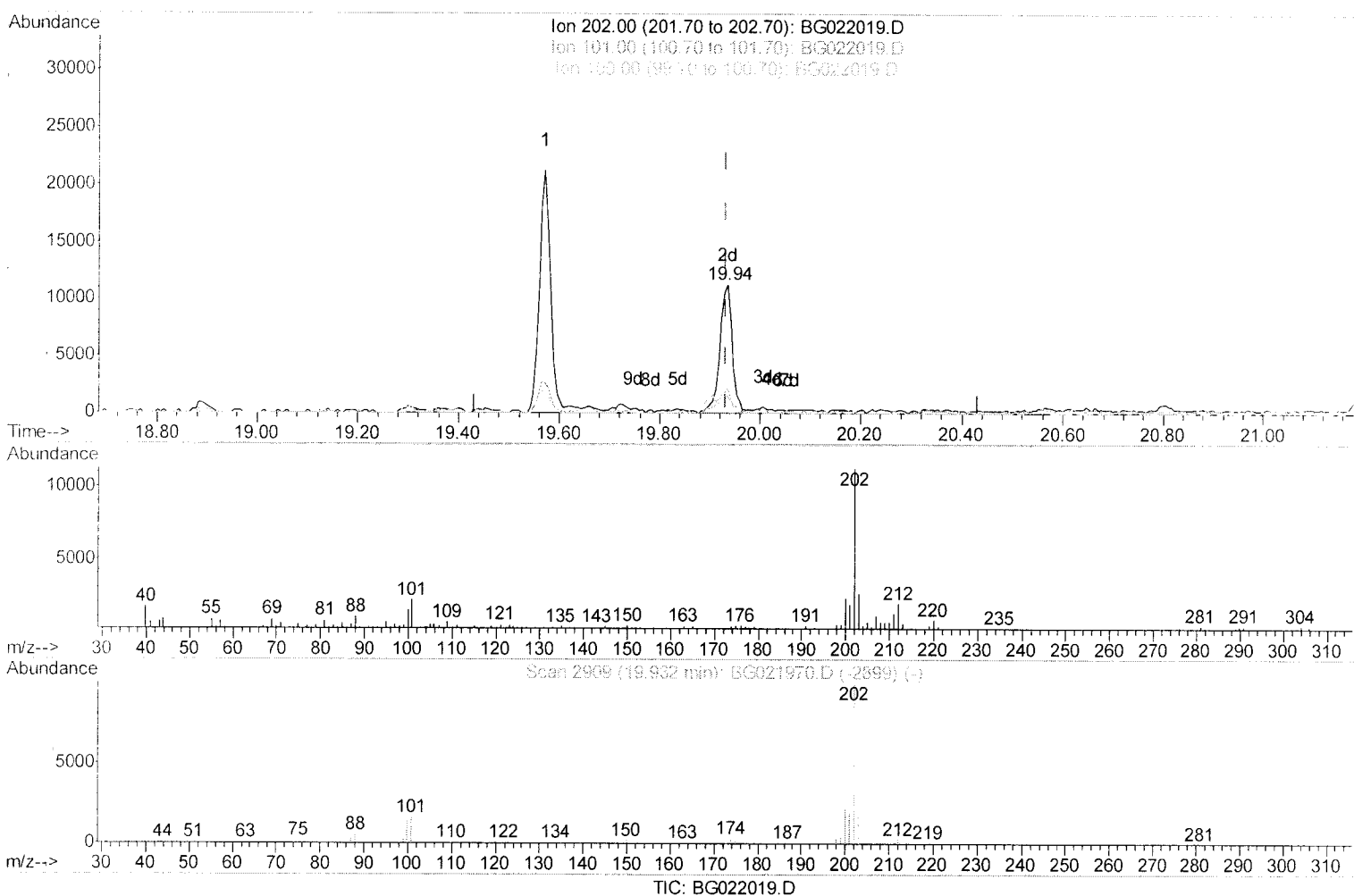
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(31) Pyrene

19.935min (+0.003) 1.40ng/ul m > u.m.
 response 19111 05/25/16

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	18.60#
100.00	11.60	12.59
0.00	0.00	0.00

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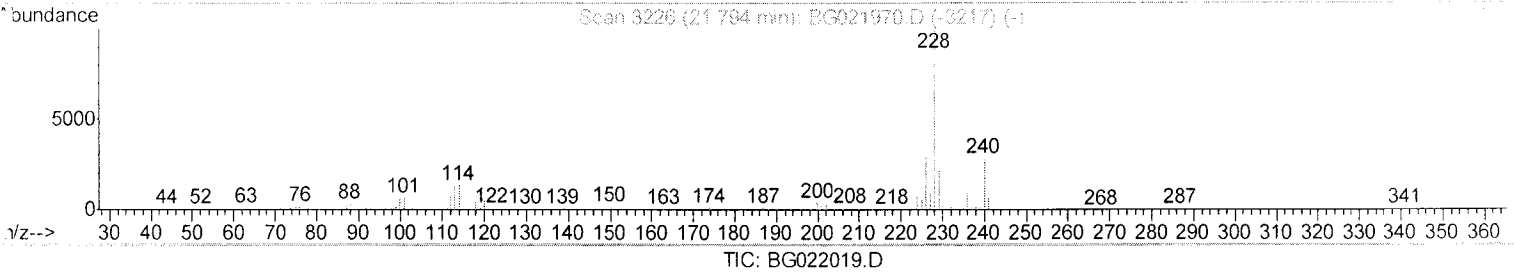
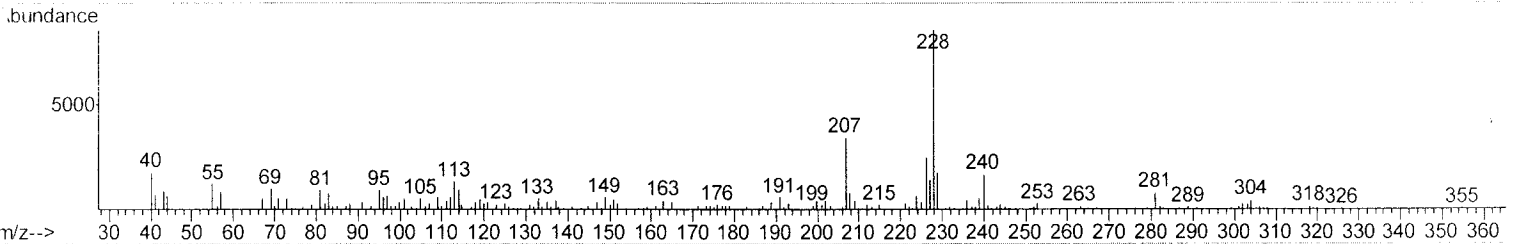
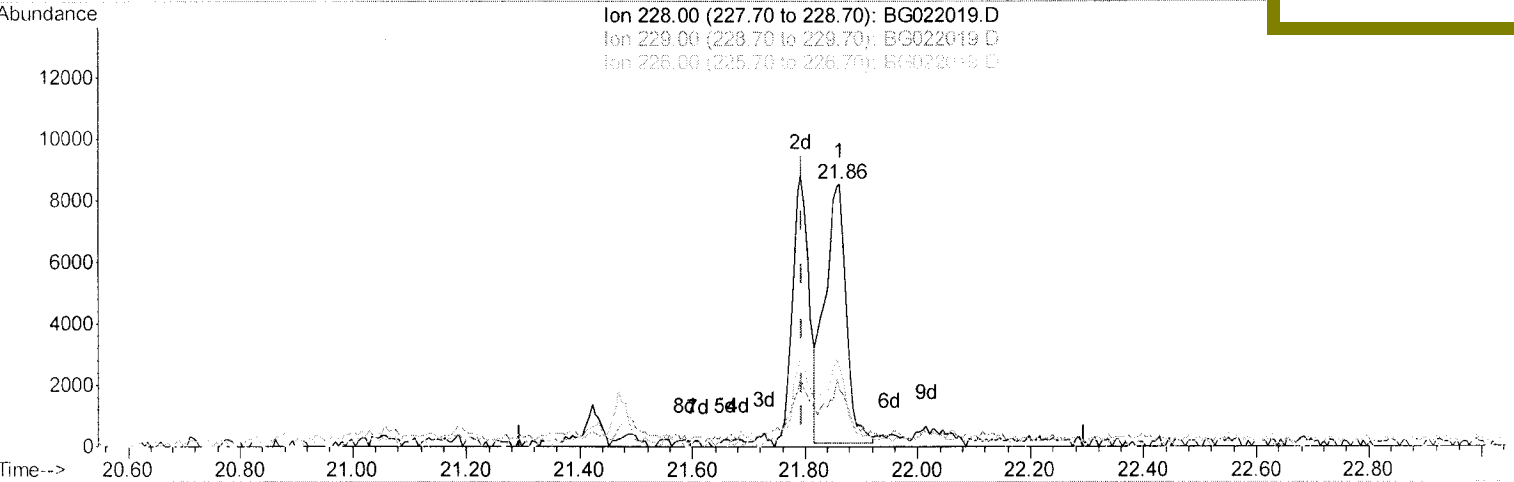
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(32) Benzo(a)anthracene

21.862min (+0.068) 2.04ng/ul

response 22539

Ion	Exp%	Act%
228.00	100	100
229.00	20.80	21.82
226.00	26.20	30.13
0.00	0.00	0.00

Quantitation Report (Qedit)

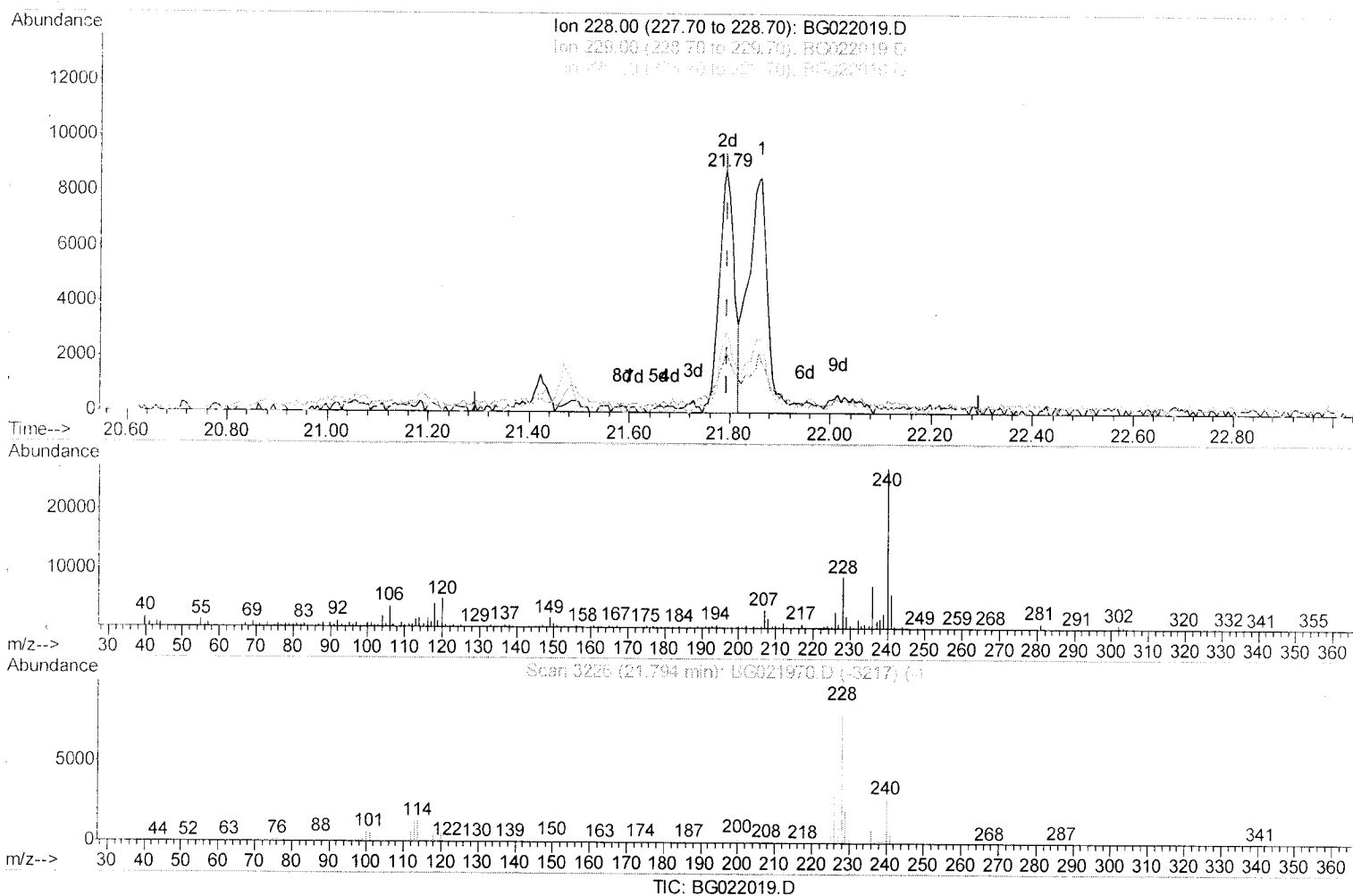
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(32) Benzo(a)anthracene

21.792min (-0.003) 1.64ng/ul m $\rightarrow$ $\frac{0.01}{0.5/25/16}$

response 18041

Ion	Exp%	Act%
228.00	100	100
229.00	20.80	25.39#
226.00	26.20	33.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

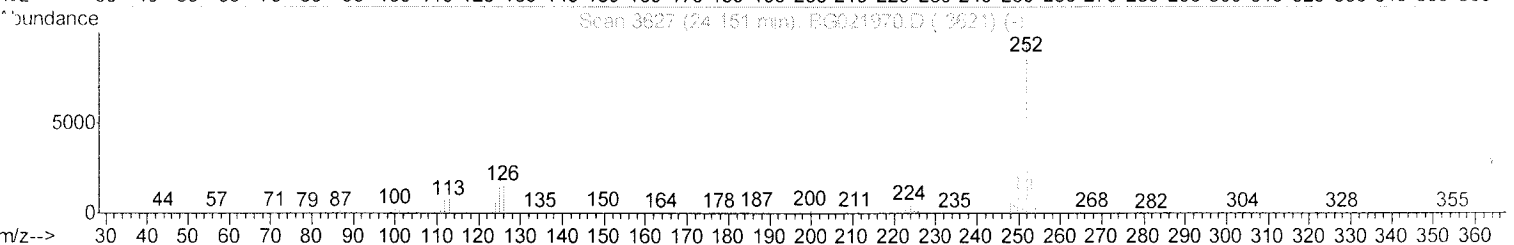
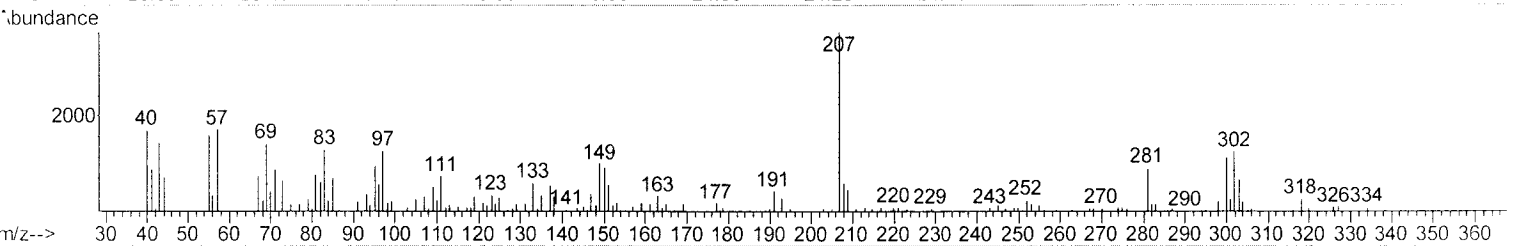
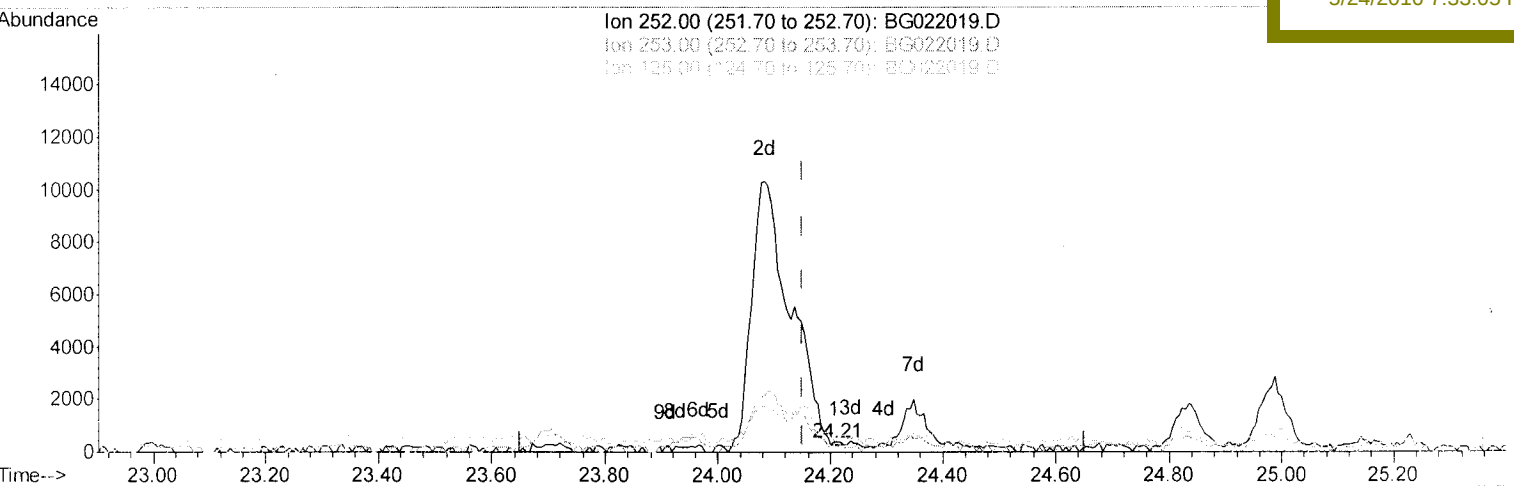
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Misc :
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Instrument :
BNA_G
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TIC: BG022019.D

(36) Benzo(k)fluoranthene

24.207min (+0.056) 0.01ng/ul

response 108

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	78.02#
125.00	9.60	109.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

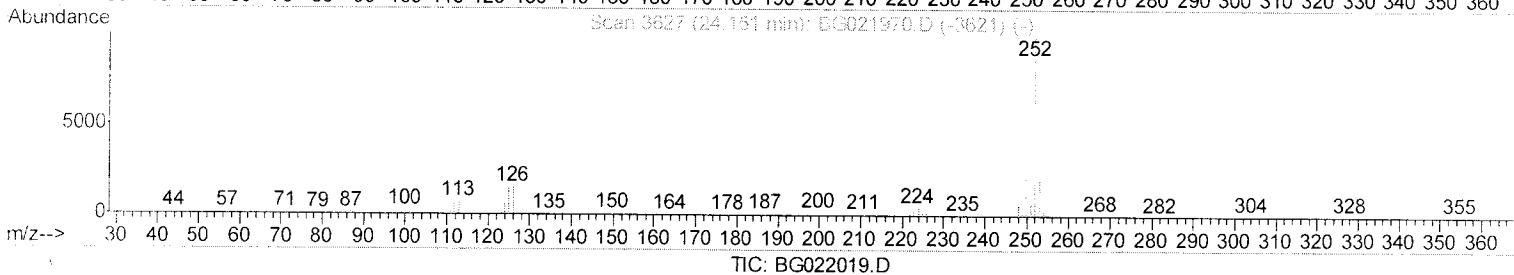
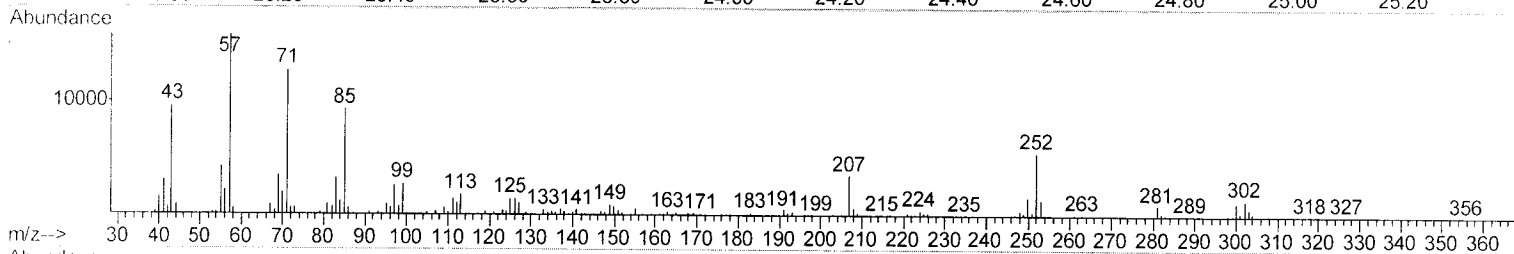
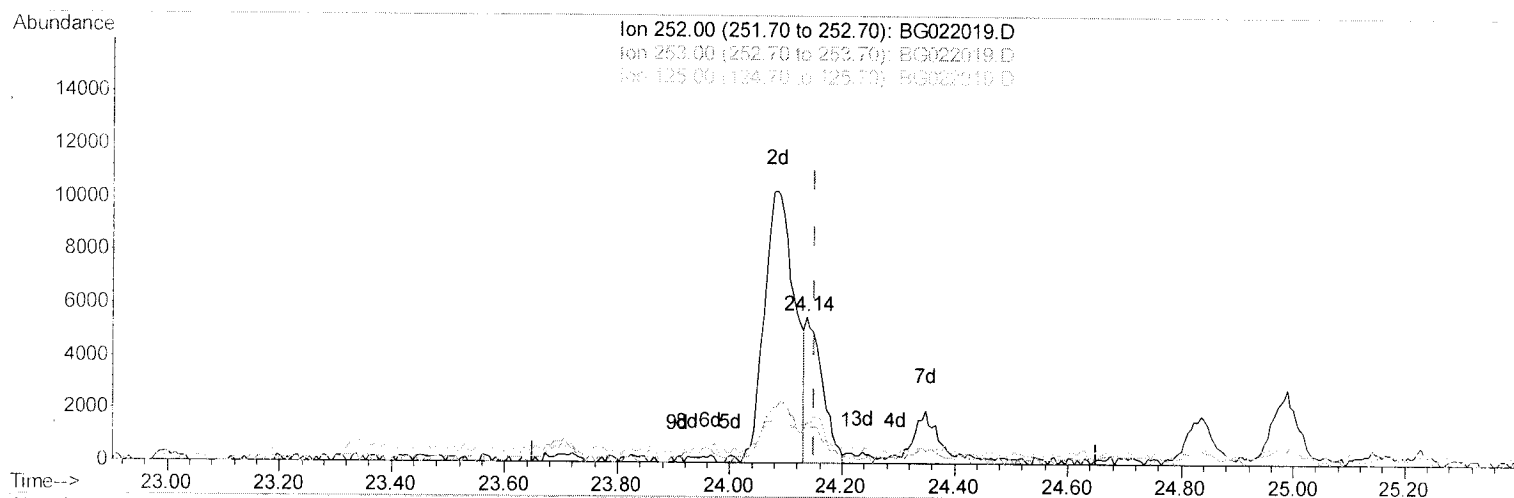
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 Sample : H3204-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XK0

Manual Integrations
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(36) Benzo(k)fluoranthene

24.136min (-0.014) 1.08ng/ul m

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 05/25/16

response 11753

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	28.31#
125.00	9.60	27.49#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44769	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	229446	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	124160	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	232852	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	198840	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	191654	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1332	1.36	ng/uL	0.00
3) Phenol-d5	7.31	99	65028	16.45	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	38854	18.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	60695	18.70	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	54500	15.48	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	32471	20.17	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	31436	18.30	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	56898	18.74	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	35276	14.75	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	187362	19.57	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	258055	20.93	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	6638	3.94	ng/ul	0.00
21) Fluorene-d10	15.78	176	170527	19.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	12217	10.57	ng/ul	0.00
26) Anthracene-d10	17.63	188	217608	20.28	ng/ul	0.00
30) Pyrene-d10	19.91	212	152580m	14.54	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	83461	9.81	ng/ul	0.00

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Target Compounds

					Qvalue
25) Phenanthrene	17.57	178	18605	1.49 ng/ul	99
28) Fluoranthene	19.57	202	31936	2.47 ng/ul	96
31) Pyrene	19.94	202	19111m	1.40 ng/ul	
32) Benzo(a)anthracene	21.79	228	18041m	1.64 ng/ul	
33) Chrysene	21.86	228	22565	2.10 ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	38687	3.51 ng/ul#	91
36) Benzo(k)fluoranthene	24.14	252	11753m	1.08 ng/ul	

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