

Quantitation Report (QT Reviewed)

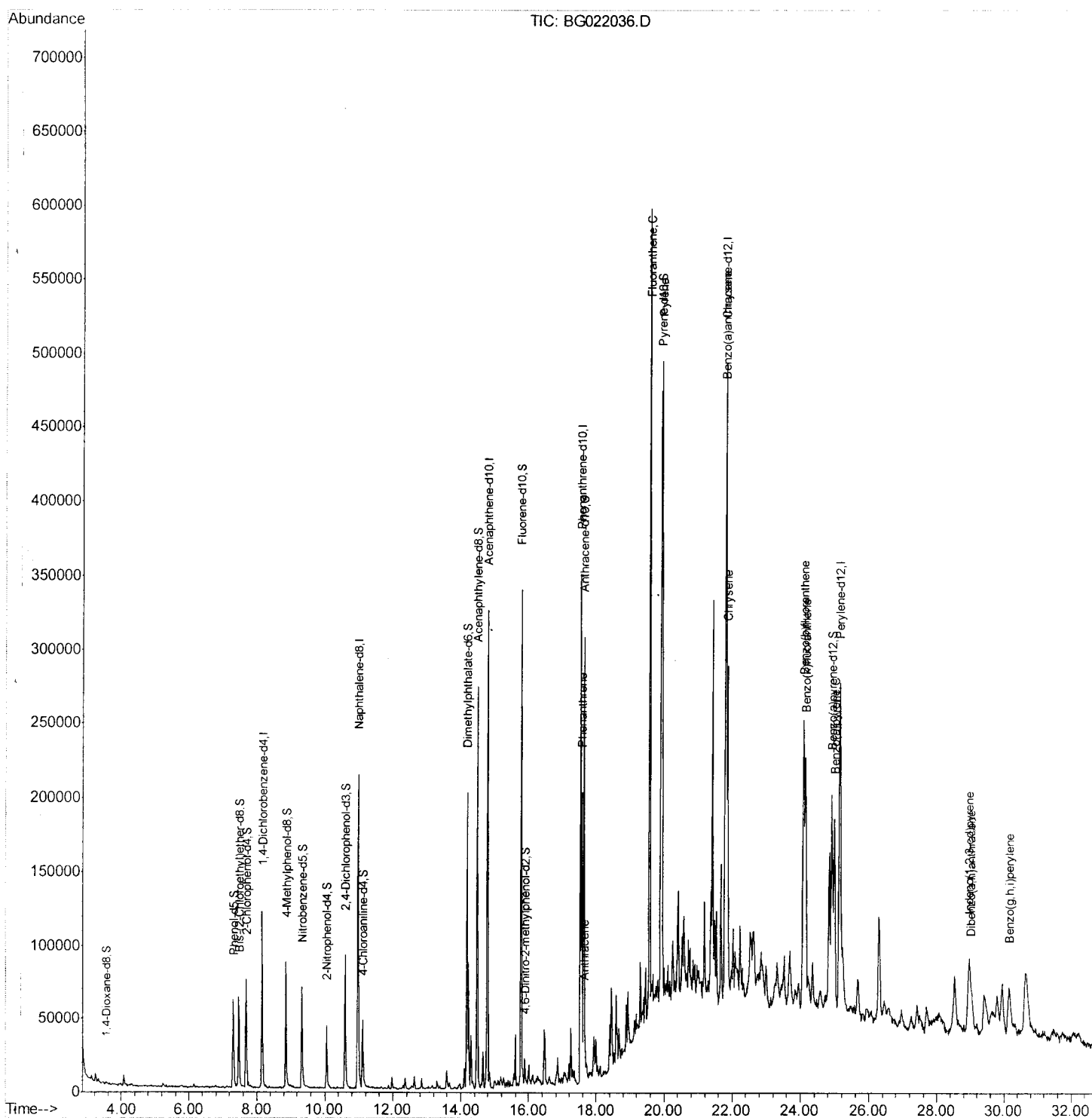
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022036.D
 Acq On : 23 May 2016 6:47
 Operator : UM/SJ
 Sample : H3203-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH8

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:33:48 PM

Quant Time: May 24 13:31:08 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)

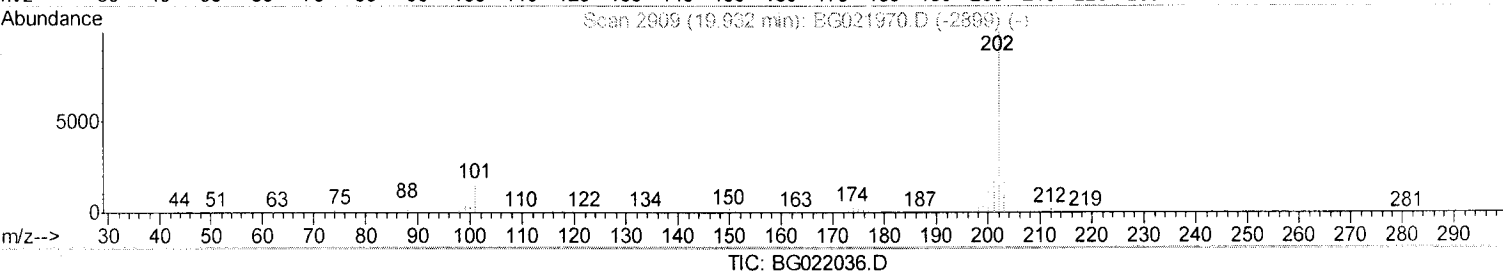
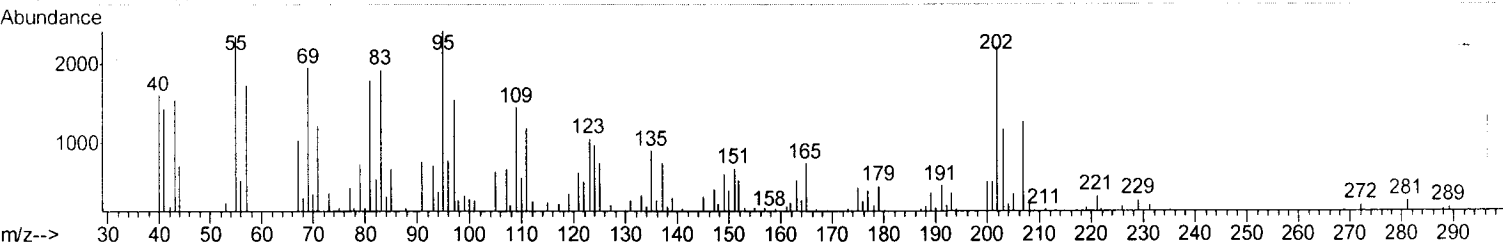
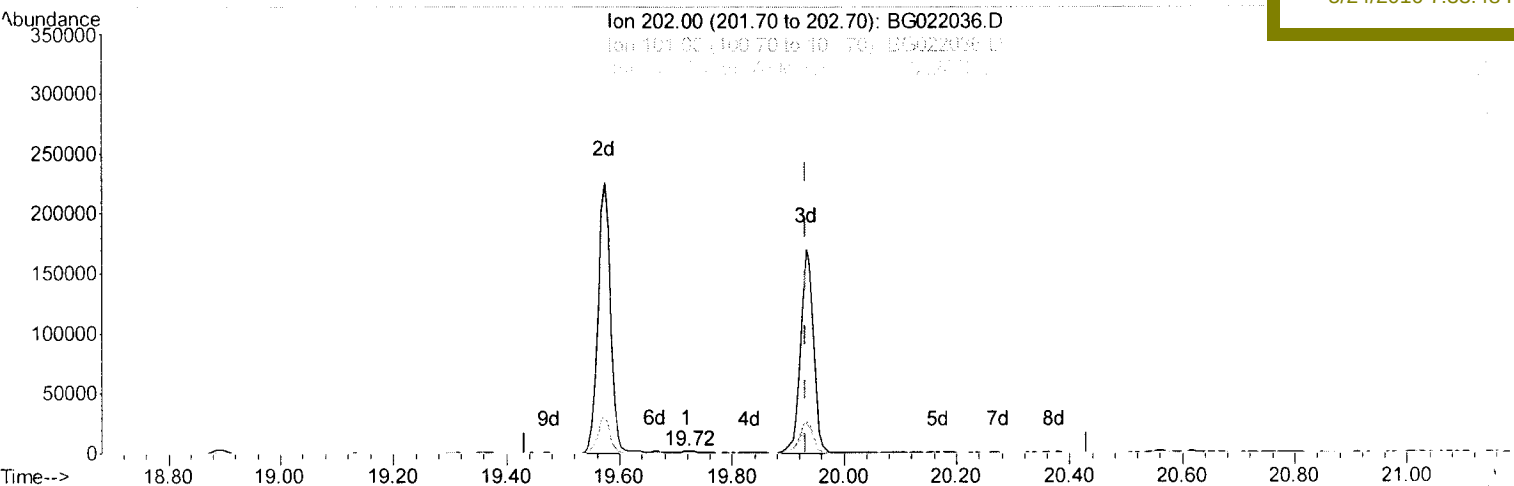
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(31) Pyrene

19.720min (-0.212) 0.29ng/ul

response 3995

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.45
100.00	11.60	13.86
0.00	0.00	0.00

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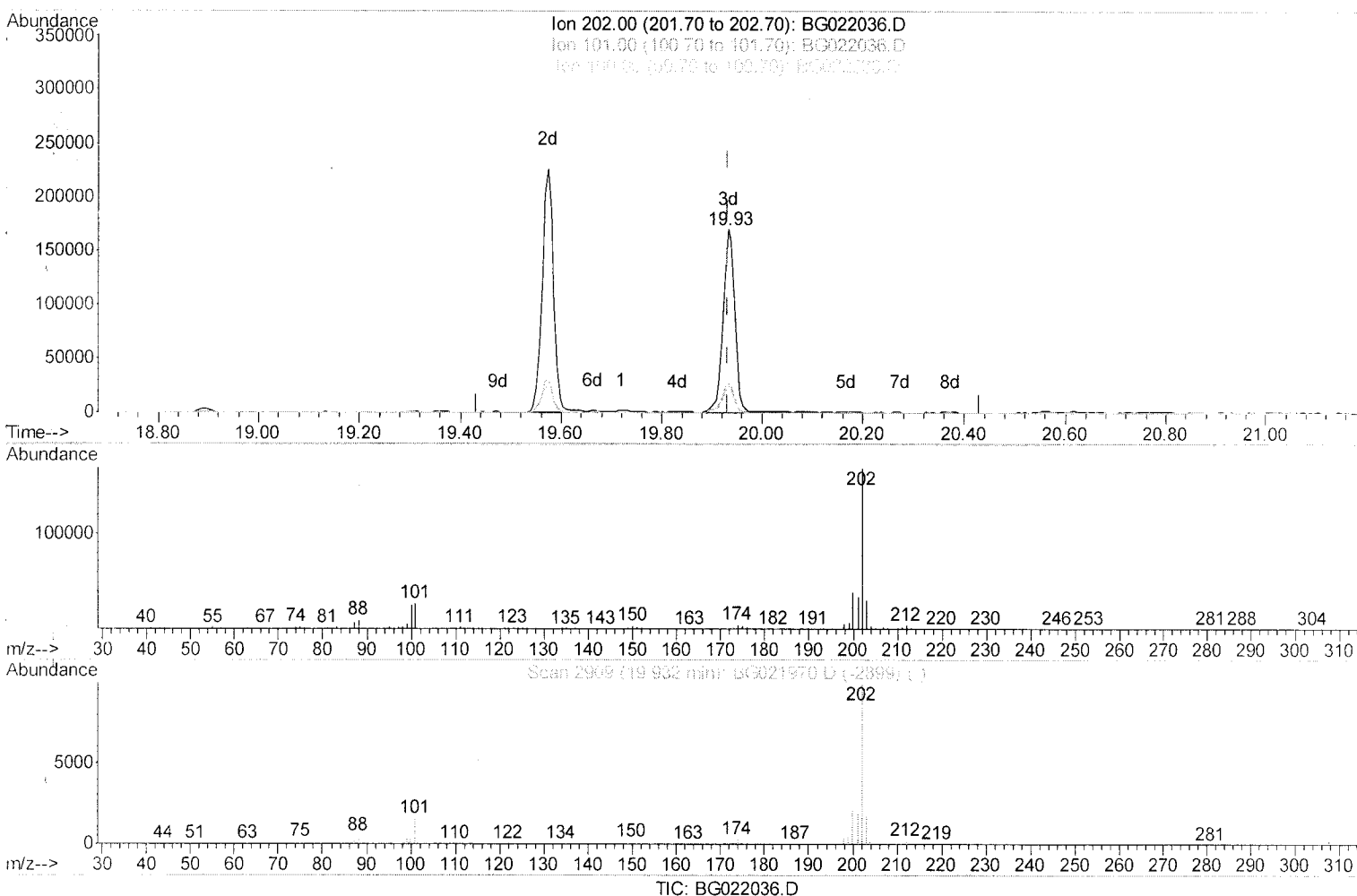
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(31) Pyrene

19.932min (-0.000) 19.43ng/ul $\rightarrow$ $\frac{0.00}{0.5195/16}$

response 271047

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.94#
100.00	11.60	15.09#
0.00	0.00	0.00

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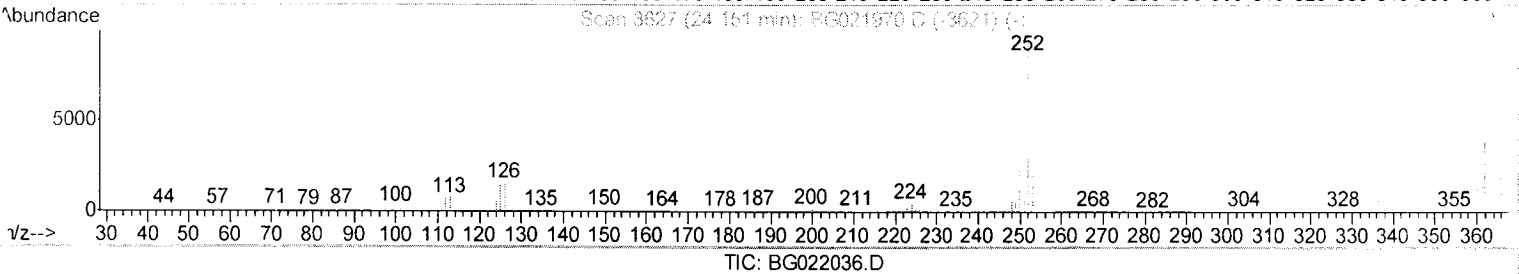
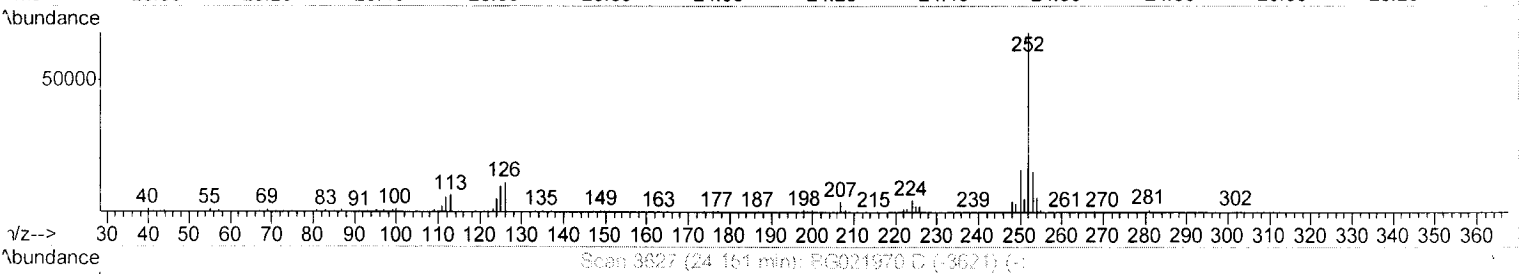
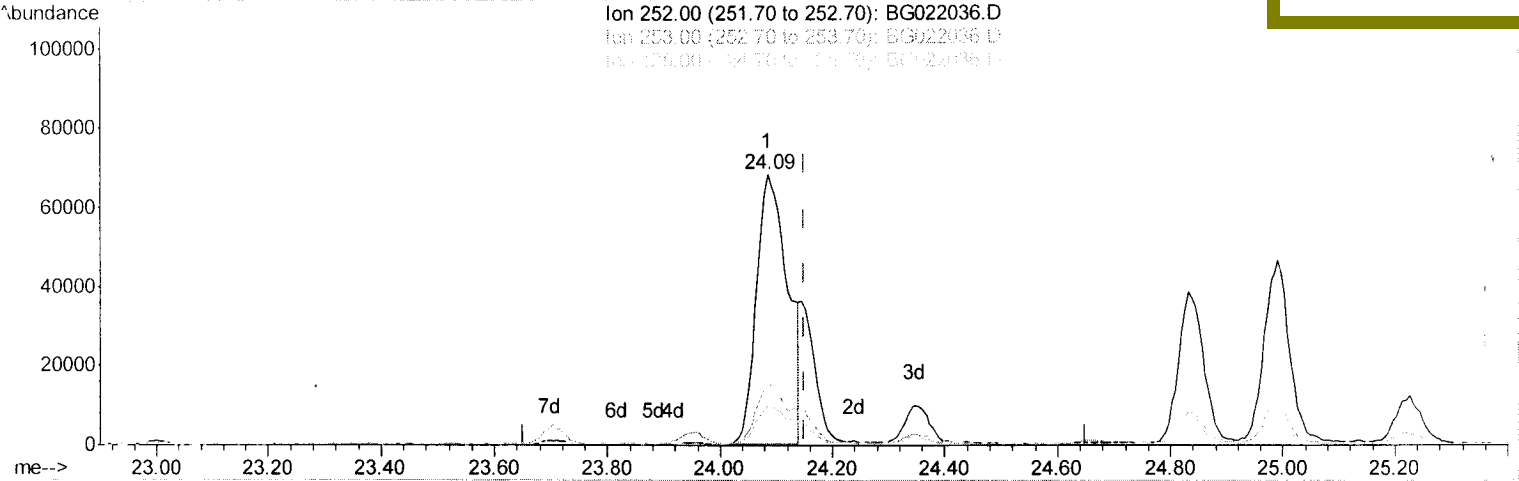
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(36) Benzo(k)fluoranthene

24.086min (-0.065) 24.56ng/ul

response 260683

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.69
125.00	9.60	14.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

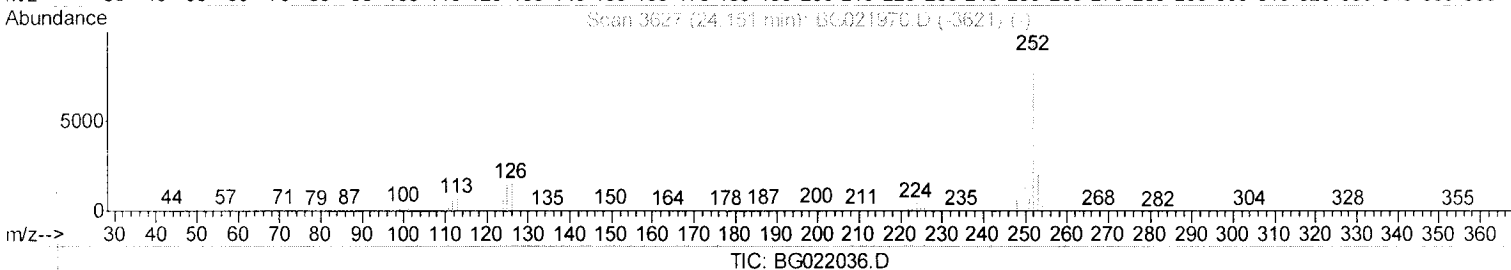
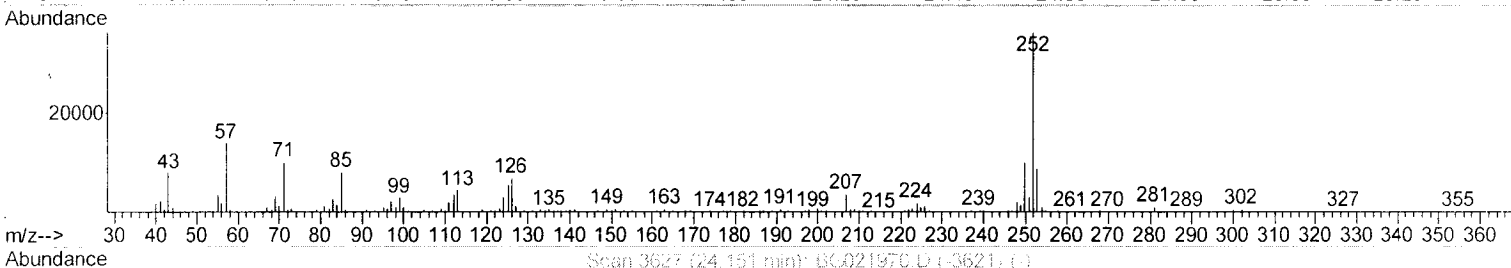
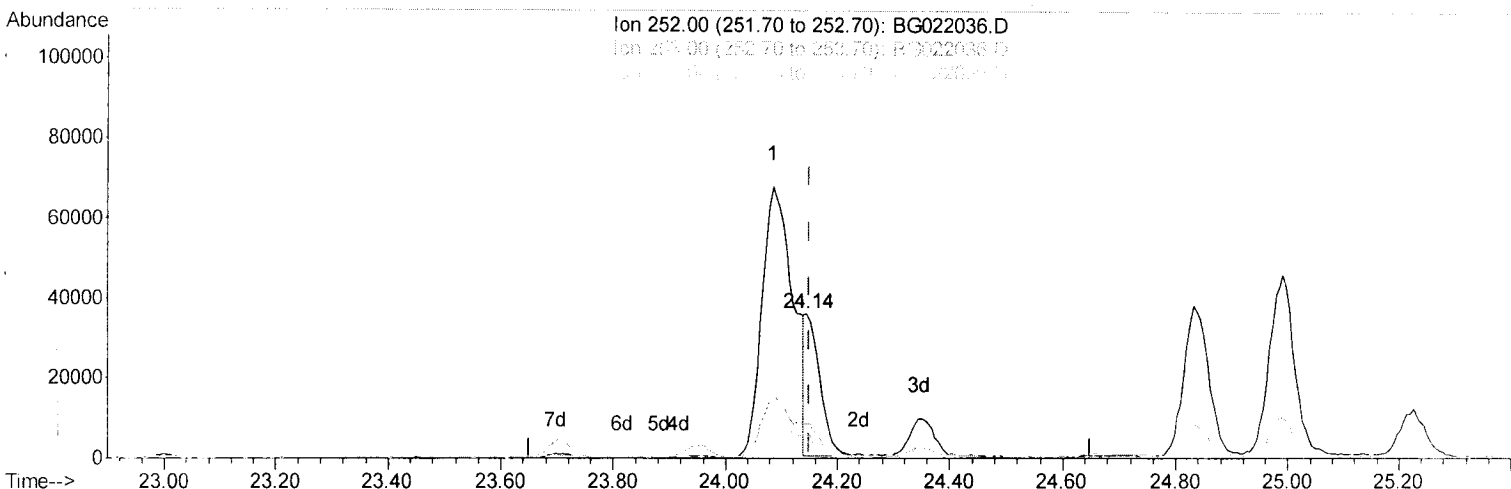
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(36) Benzo(k)fluoranthene

24.145min (-0.006) 6.07ng/ul m

response 64458

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.03
125.00	9.60	15.42#
0.00	0.00	0.00

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Quantitation Report (Qedit)

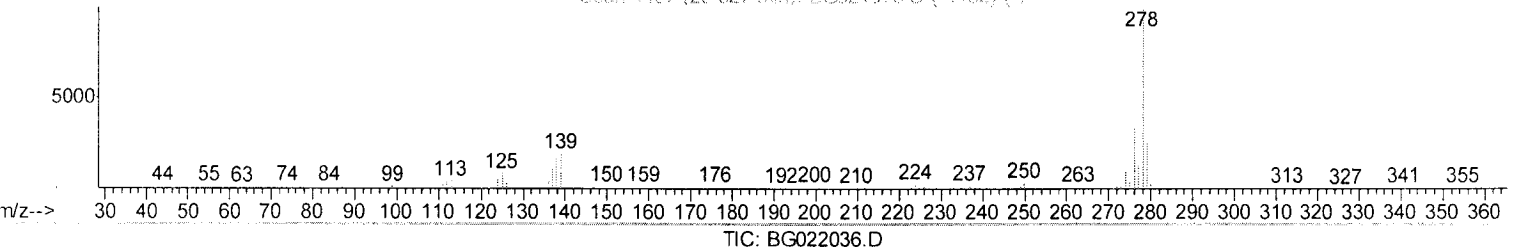
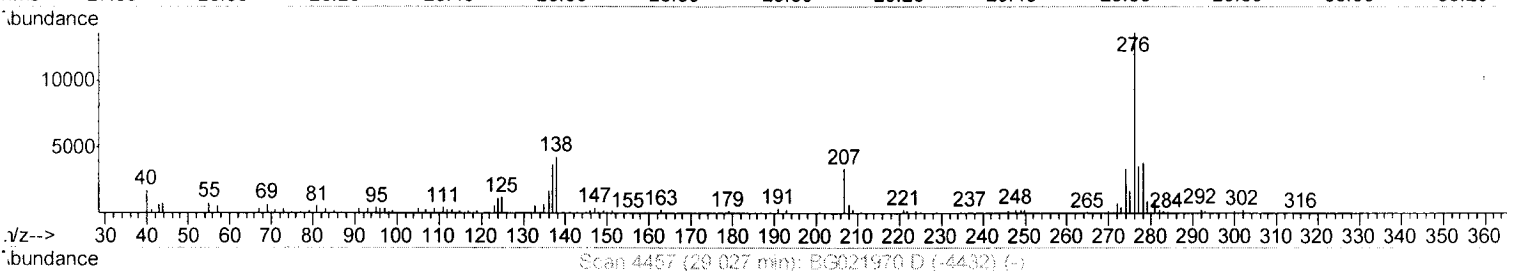
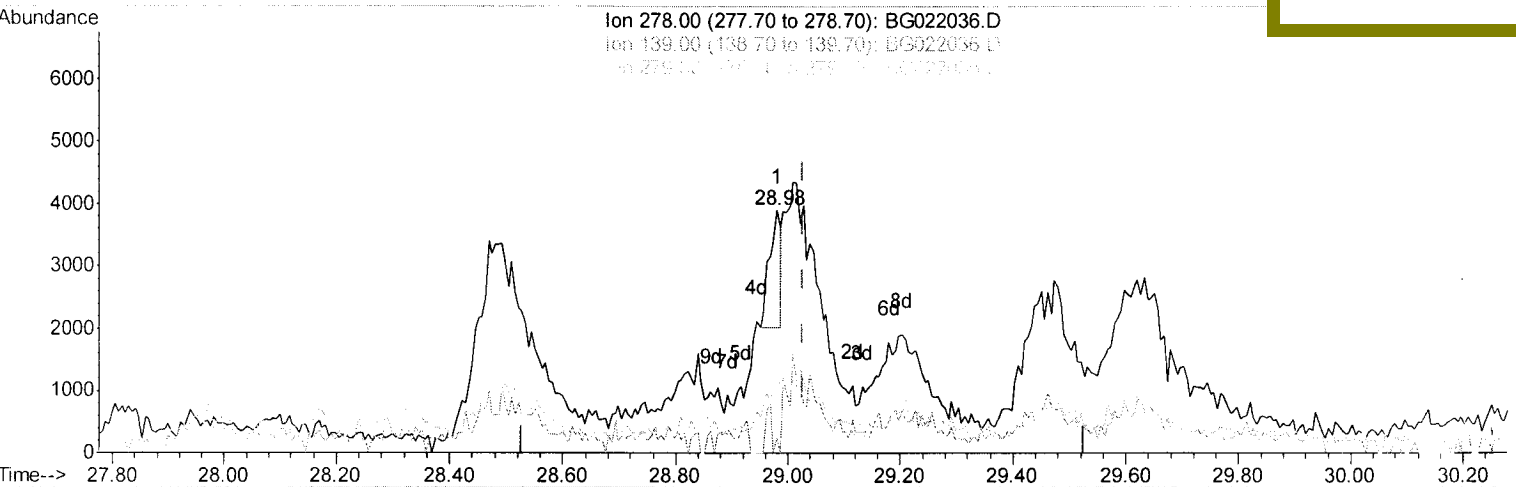
```
Data Path   : Z:\HPCHEM1\BNA_G\Data\BG052216\  
Data File  : BG022036.D  
Acq On     : 23 May 2016    6:47  
Operator   : UM/SJ  
Sample     : H3203-14  
Misc       :  
ALS Vial   : 27    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED

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(40) Dibenzo(a,h)anthracene

28.980min (-0.047) 0.26ng/ul

response 2562

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	5.97#
279.00	24.80	26.53
0.00	0.00	0.00

Quantitation Report (Qedit)

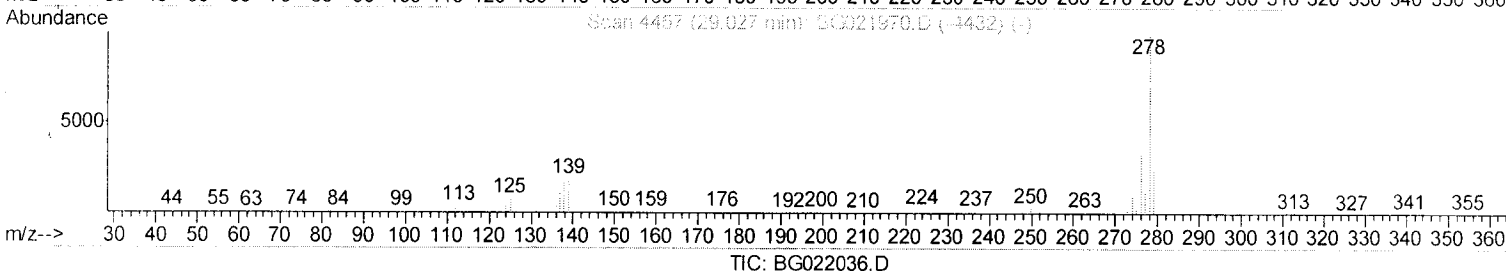
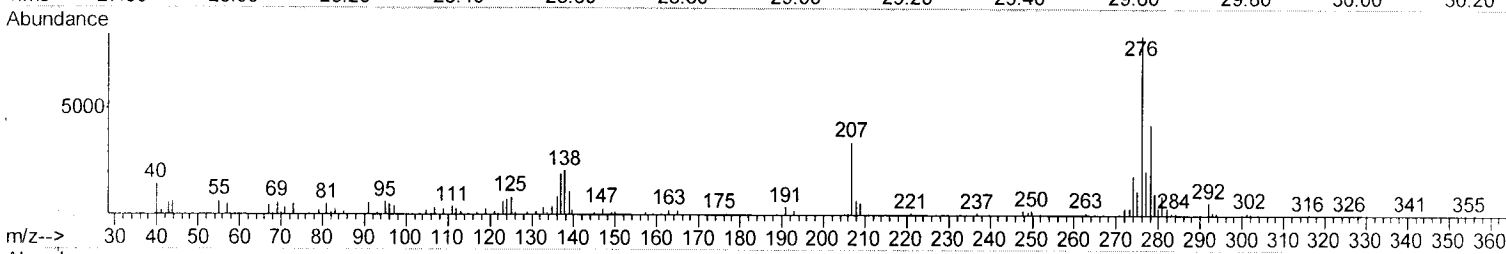
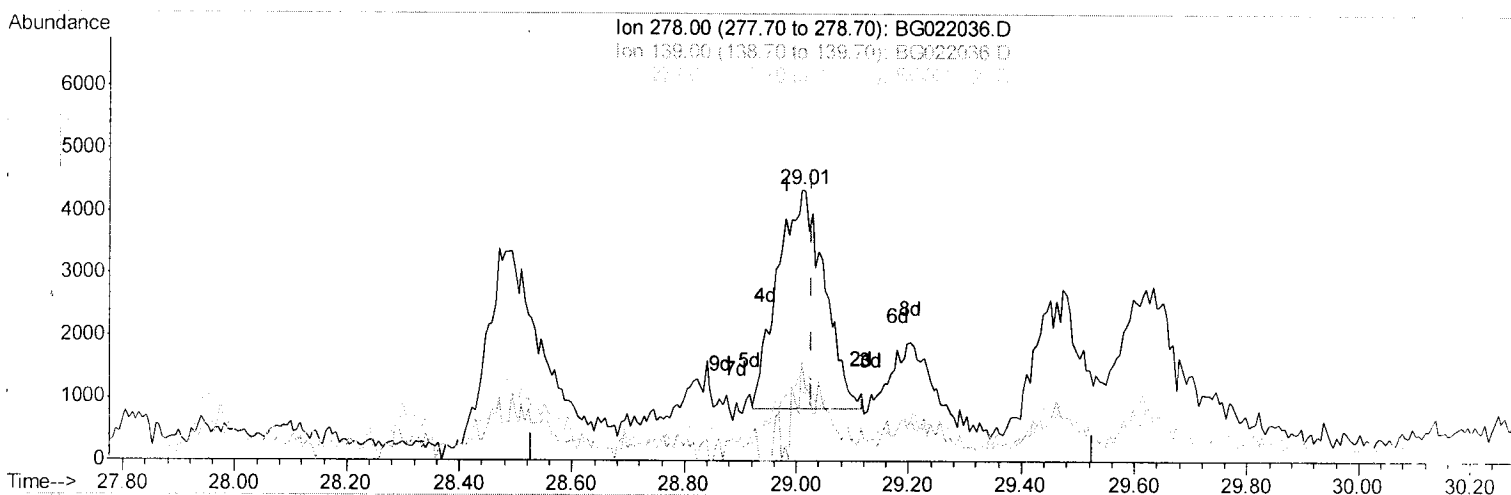
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022036.D
 Acq On : 23 May 2016 6:47
 Operator : UM/SJ
 Sample : H3203-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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(40) Dibenzo(a,h)anthracene

29.009min (-0.018) 2.08ng/ul m

response 20182

Ion Exp% Act%

278.00 100 100

139.00 15.10 28.15#

279.00 24.80 26.45

0.00 0.00 0.00

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Quantitation Report (Qedit)

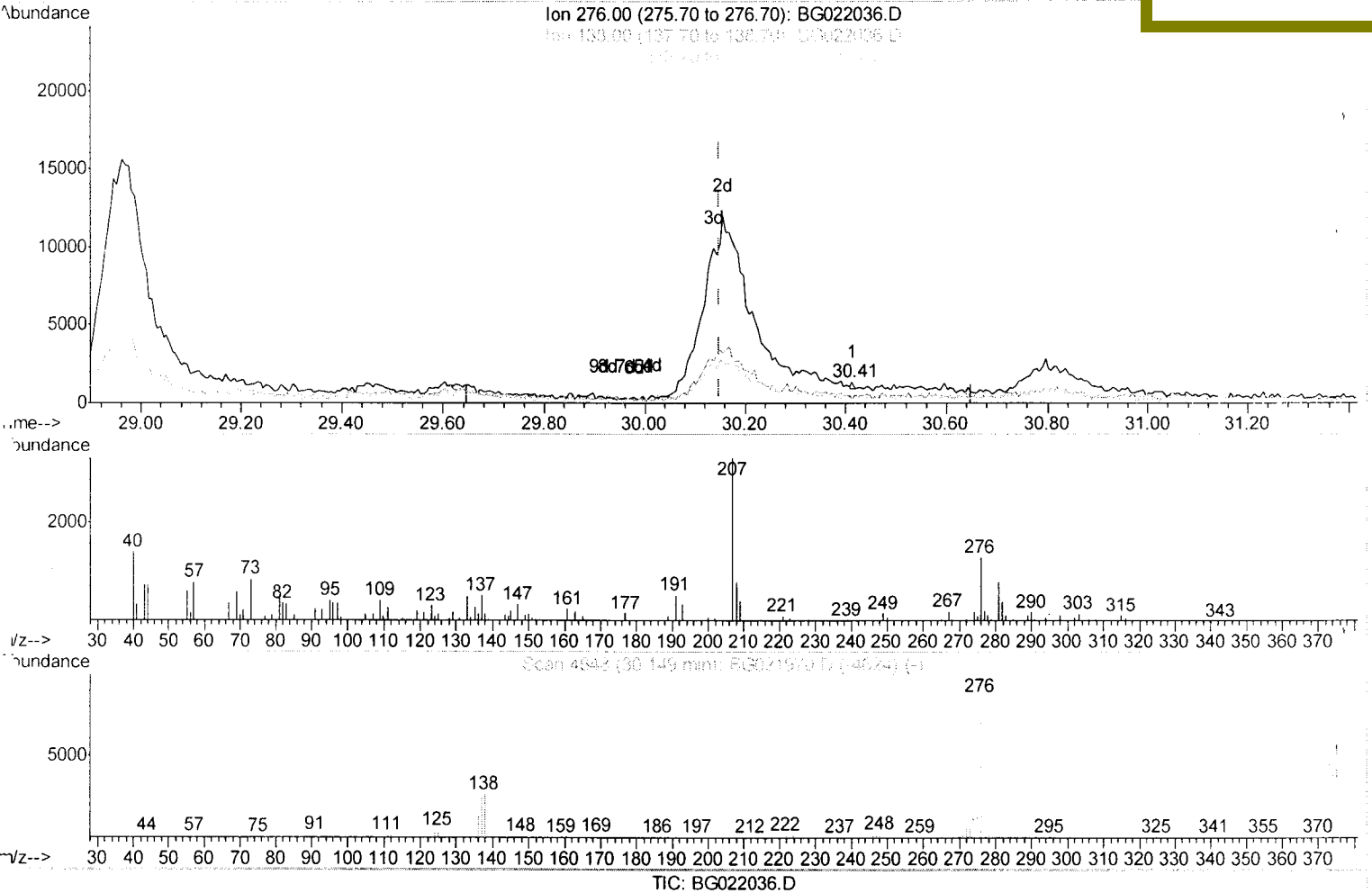
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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 Operator : UM/SJ
 Sample : H3203-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(41) Benzo(g,h,i)perylene

30.414min (+0.264) 0.02ng/ul

response 156

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	20.41
277.00	24.70	25.37
0.00	0.00	0.00

Quantitation Report (Qedit)

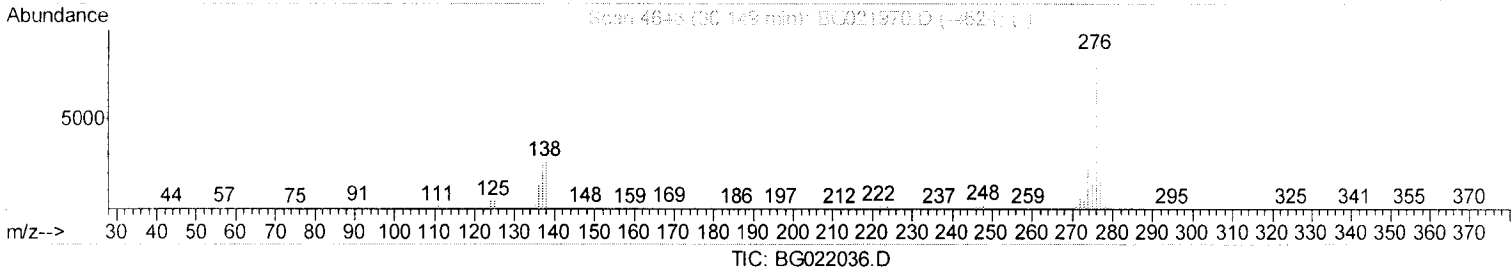
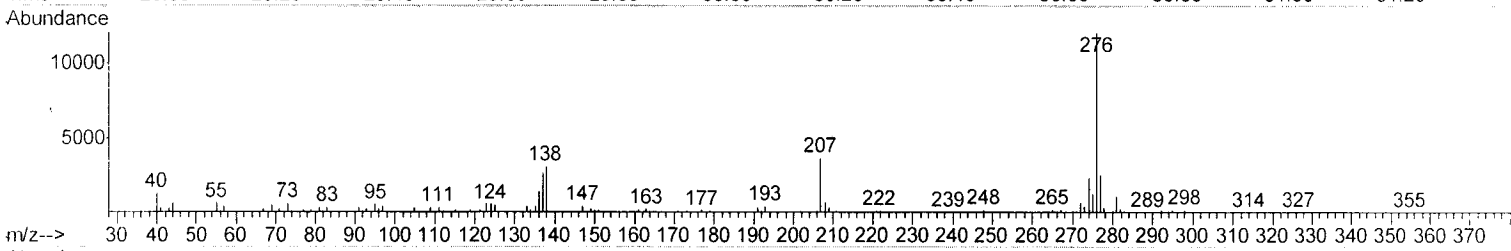
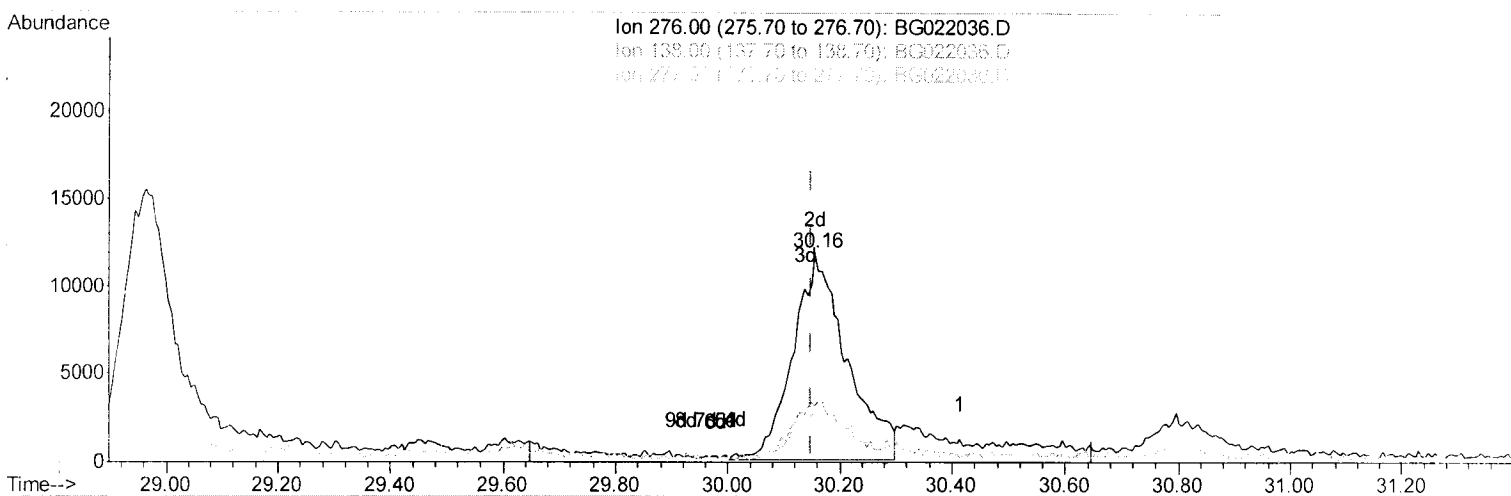
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(41) Benzo(g,h,i)perylene

30.155min (+0.006) 7.84ng/ul m

response 77792

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	26.46#
277.00	24.70	21.69
0.00	0.00	0.00

0.77
 05/25/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45257	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	230888	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	121566	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	229488	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	202534	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	187701	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.53	96	1091	1.11	ng/uL	0.00
3) Phenol-d5	7.31	99	54980	13.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	32974	15.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	52262	15.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	48972	13.76	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	28509	17.60	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	24113	13.95	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	47201	15.45	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	40510	16.84	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	162912	17.38	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	231773	19.20	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	1129	0.68	ng/ul	0.02
21) Fluorene-d10	15.77	176	148414	17.59	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	5841	5.13	ng/ul	0.00
26) Anthracene-d10	17.63	188	200495	18.96	ng/ul	0.00
30) Pyrene-d10	19.90	212	194195	18.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	163960	19.67	ng/ul	0.00

Target Compounds

					Qvalue
25) Phenanthrene	17.57	178	132138	10.77 ng/ul	97
27) Anthracene	17.66	178	18087	1.47 ng/ul	97
28) Fluoranthene	19.57	202	350003	27.46 ng/ul#	94
31) Pyrene	19.93	202	271047m	19.43 ng/ul	
32) Benzo(a)anthracene	21.79	228	148441	13.21 ng/ul	95
33) Chrysene	21.86	228	164780	15.08 ng/ul	98
35) Benzo(b)fluoranthene	24.09	252	260683	24.16 ng/ul#	96
36) Benzo(k)fluoranthene	24.14	252	64458m	6.07 ng/ul	
38) Benzo(a)pyrene	24.99	252	139677	13.54 ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	28.96	276	80228	6.84 ng/ul#	89
40) Dibenzo(a,h)anthracene	29.01	278	20182m	2.08 ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	77792m	7.84 ng/ul	

u.m.
 05/25/16

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