

Quantitation Report (QT Reviewed)

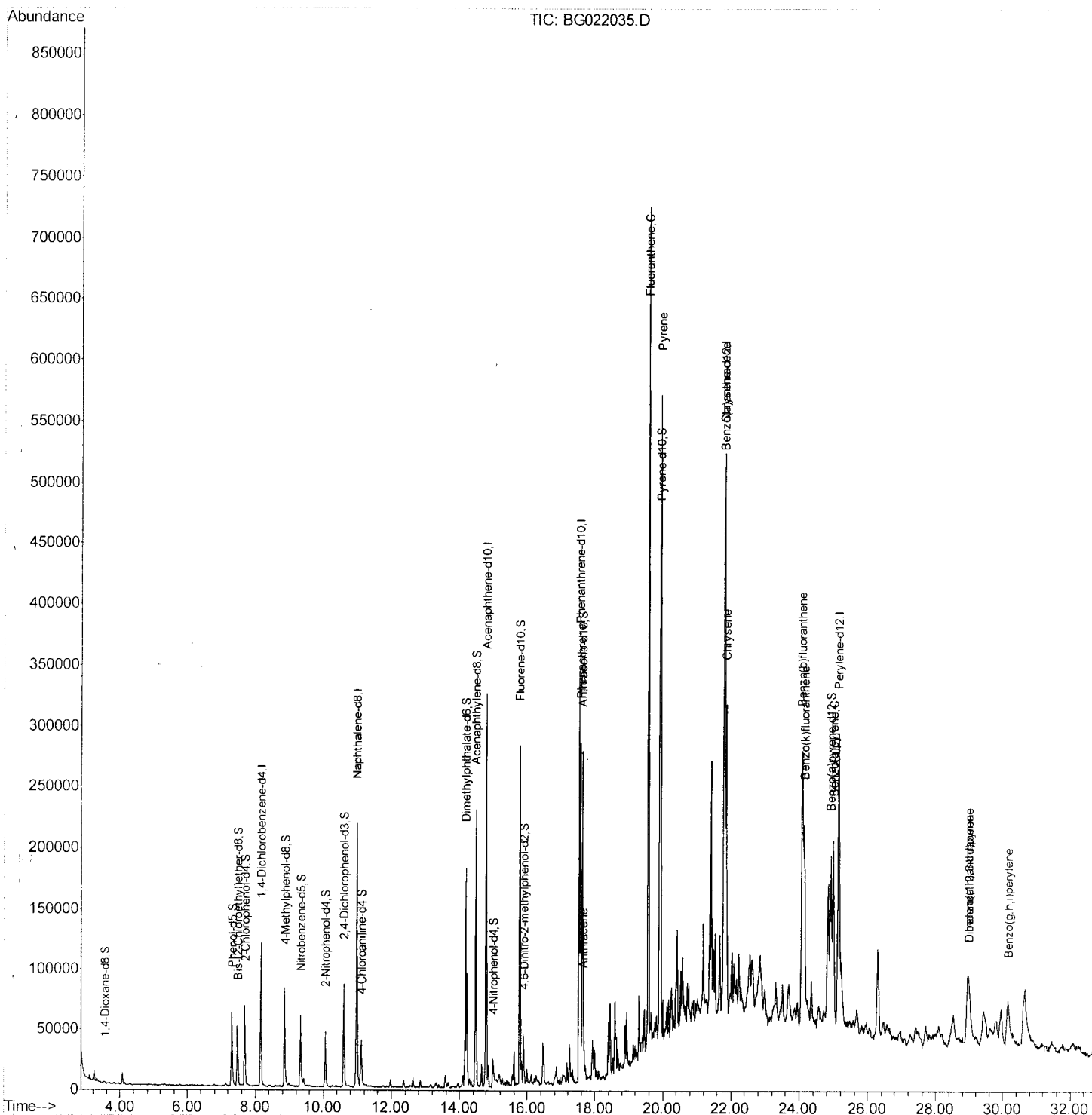
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022035.D
 Acq On : 23 May 2016 6:07
 Operator : UM/SJ
 Sample : H3203-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH7

Manual Integrations
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Quant Time: May 24 13:24:20 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



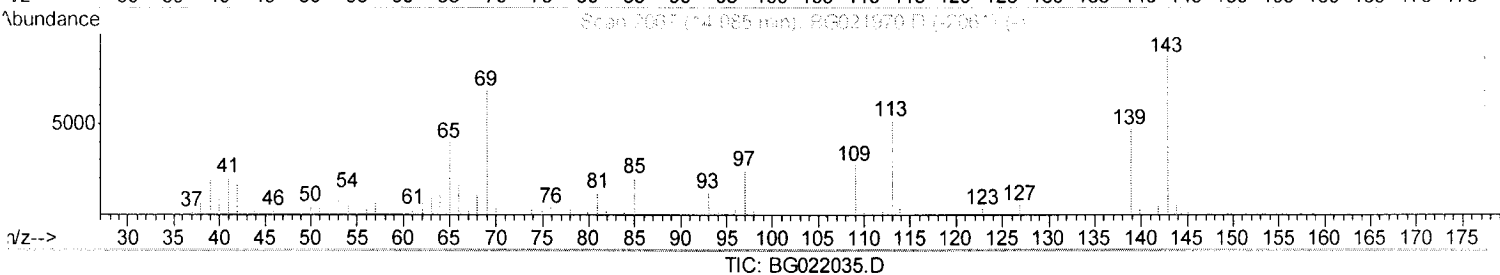
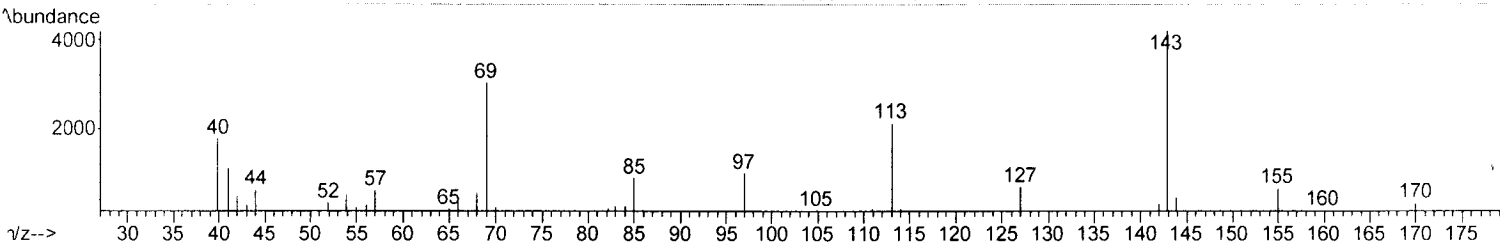
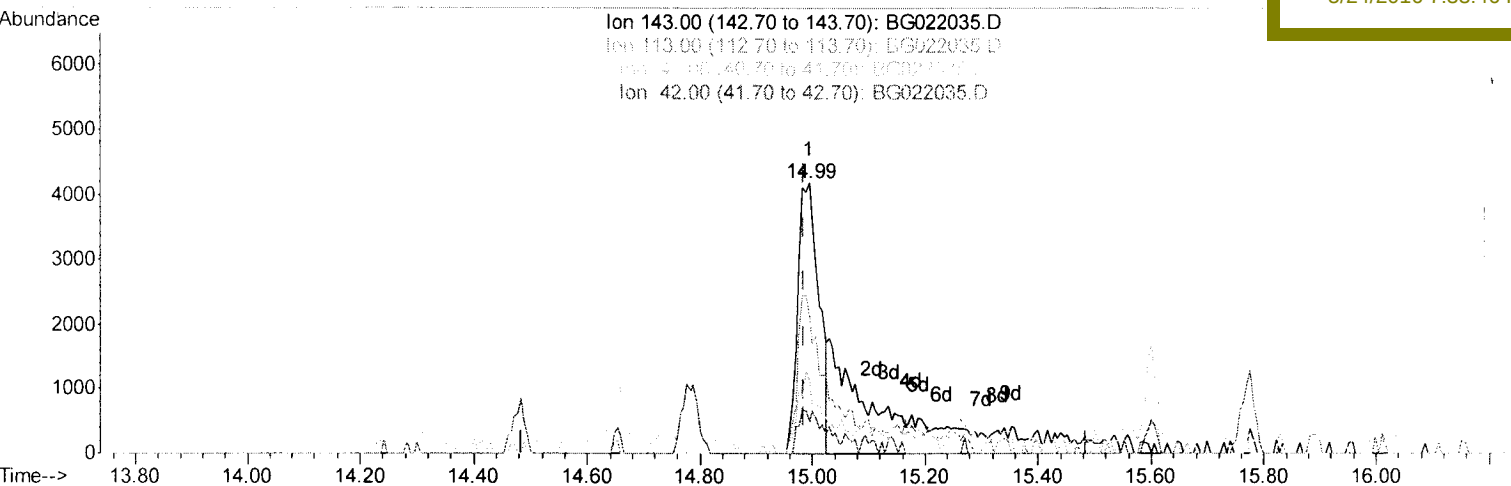
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(20) 4-Nitrophenol-d4 (S)

14.994min (+0.009) 6.28ng/ul

response 10793

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	50.66#
41.00	49.70	26.82#
42.00	33.70	11.69#

Quantitation Report (Qedit)

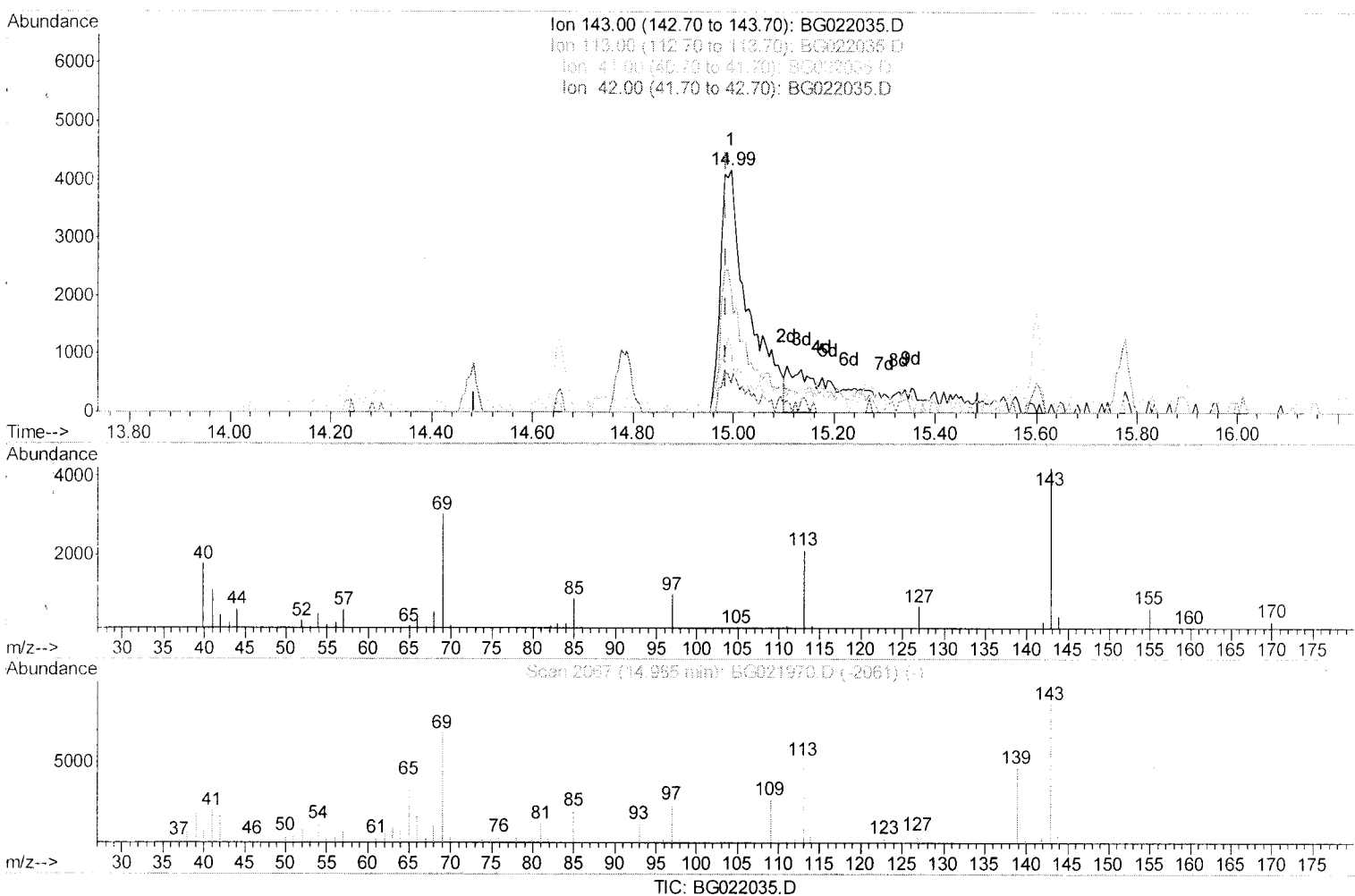
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(20) 4-Nitrophenol-d4 (S)

14.994min (+0.009) 9.27ng/ul m

response 15939

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	50.66#
41.00	49.70	26.82#
42.00	33.70	11.69#

> 0.01
 0.5195116

Quantitation Report (Qedit)

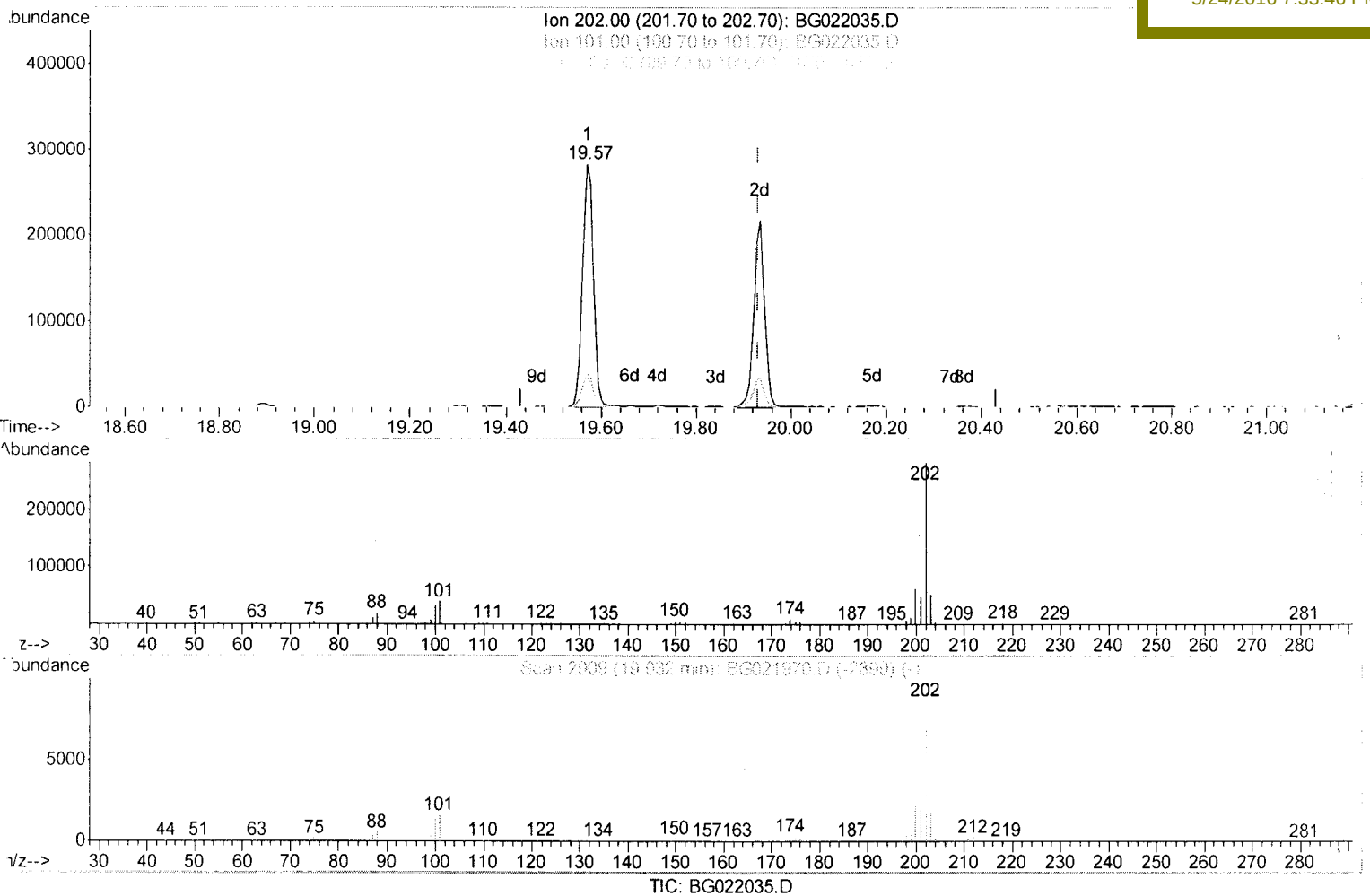
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(31) Pyrene

19.571min (-0.361) 31.24ng/ul

response 450797

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.14
100.00	11.60	11.69
0.00	0.00	0.00

Quantitation Report (Qedit)

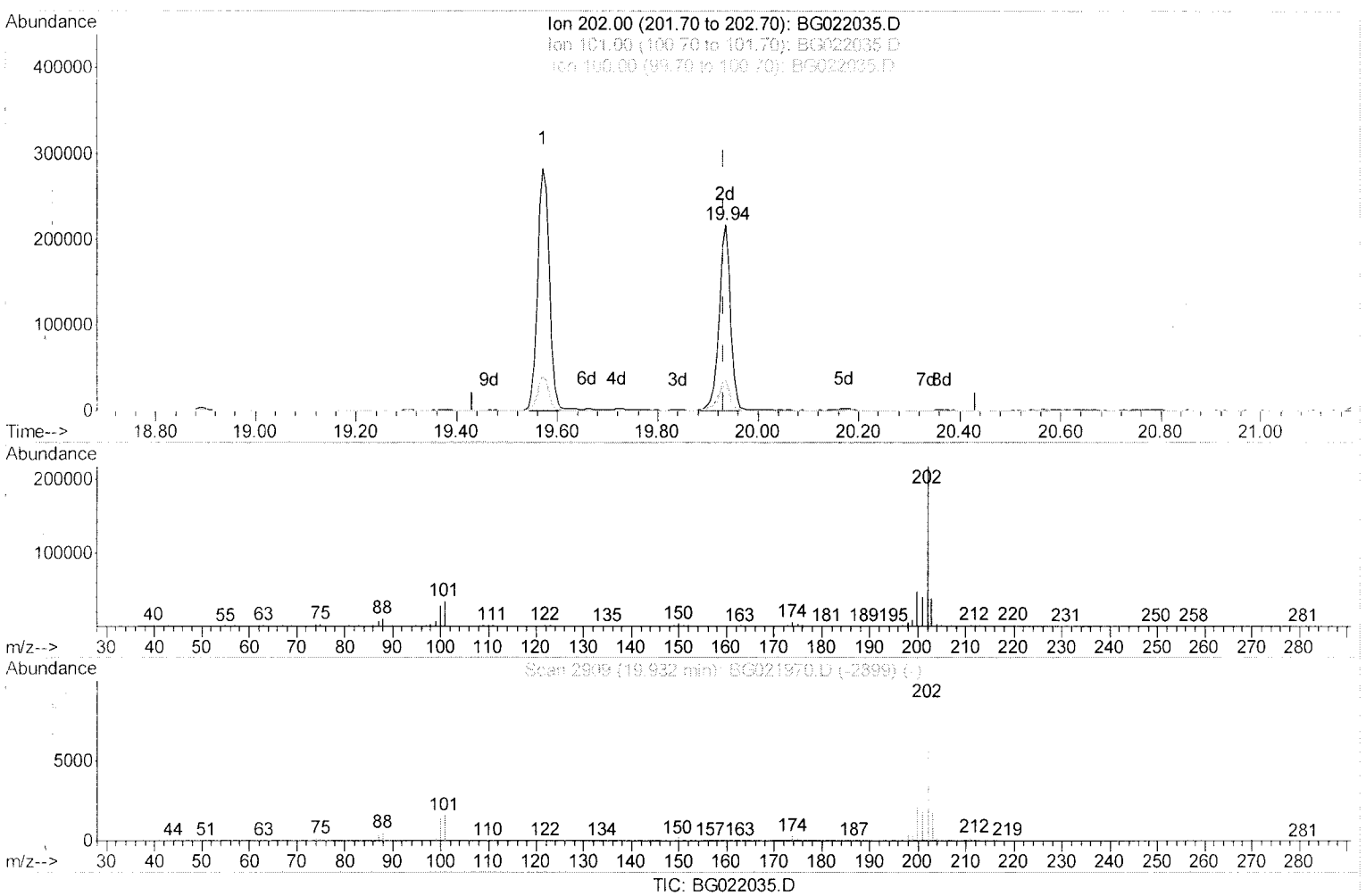
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(31) Pyrene

19.935min (+0.003) 24.06ng/ul m

response 347119

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.84#
100.00	11.60	13.20
0.00	0.00	0.00

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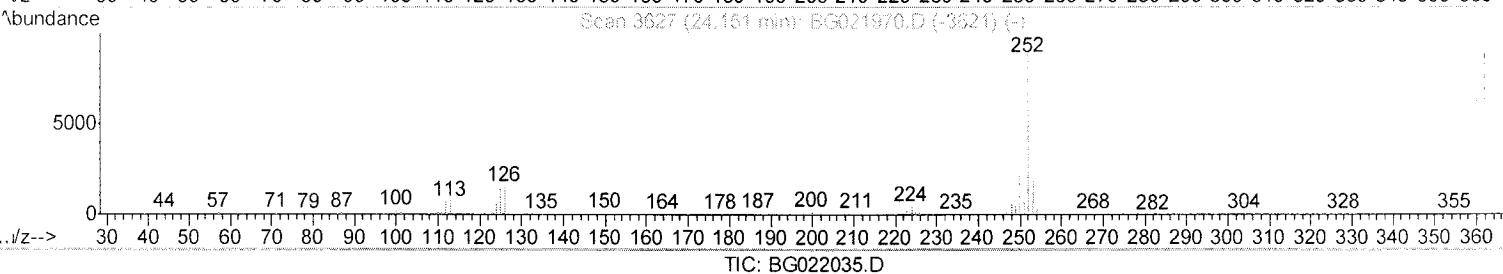
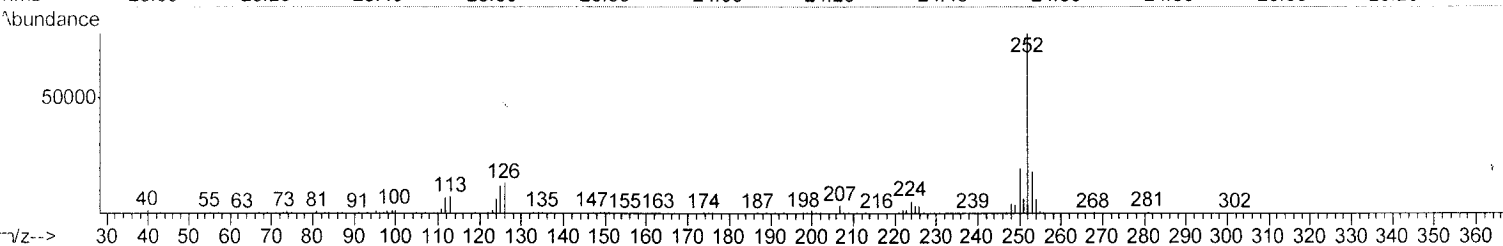
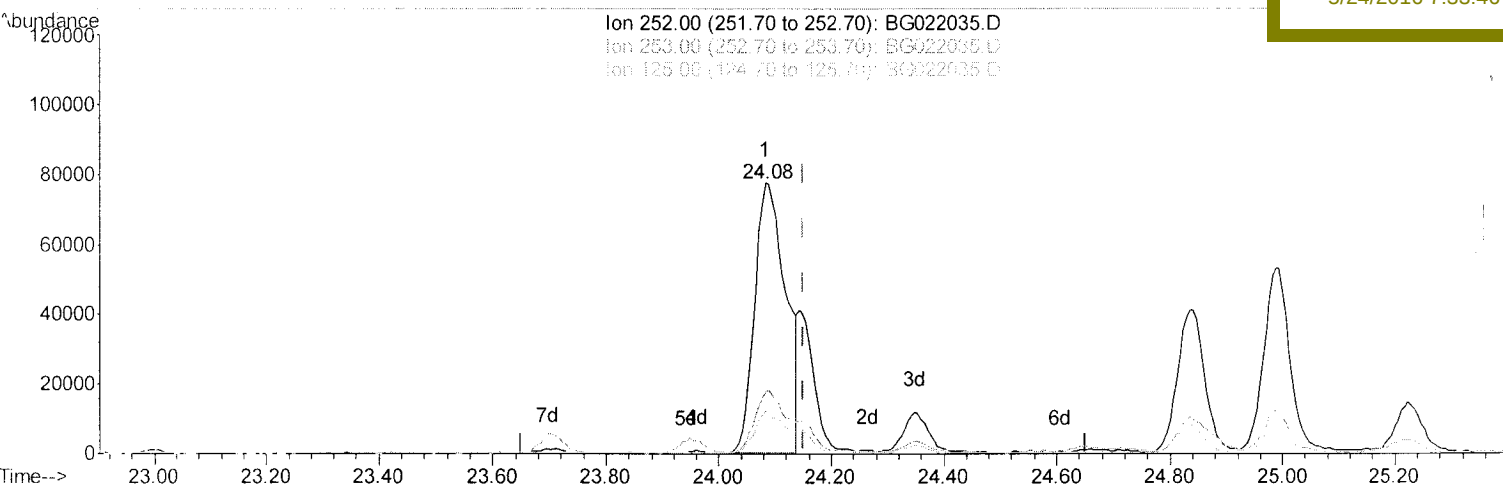
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(36) Benzo(k)fluoranthene

24.083min (-0.067) 26.94ng/ul

response 294568

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.40
125.00	9.60	16.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

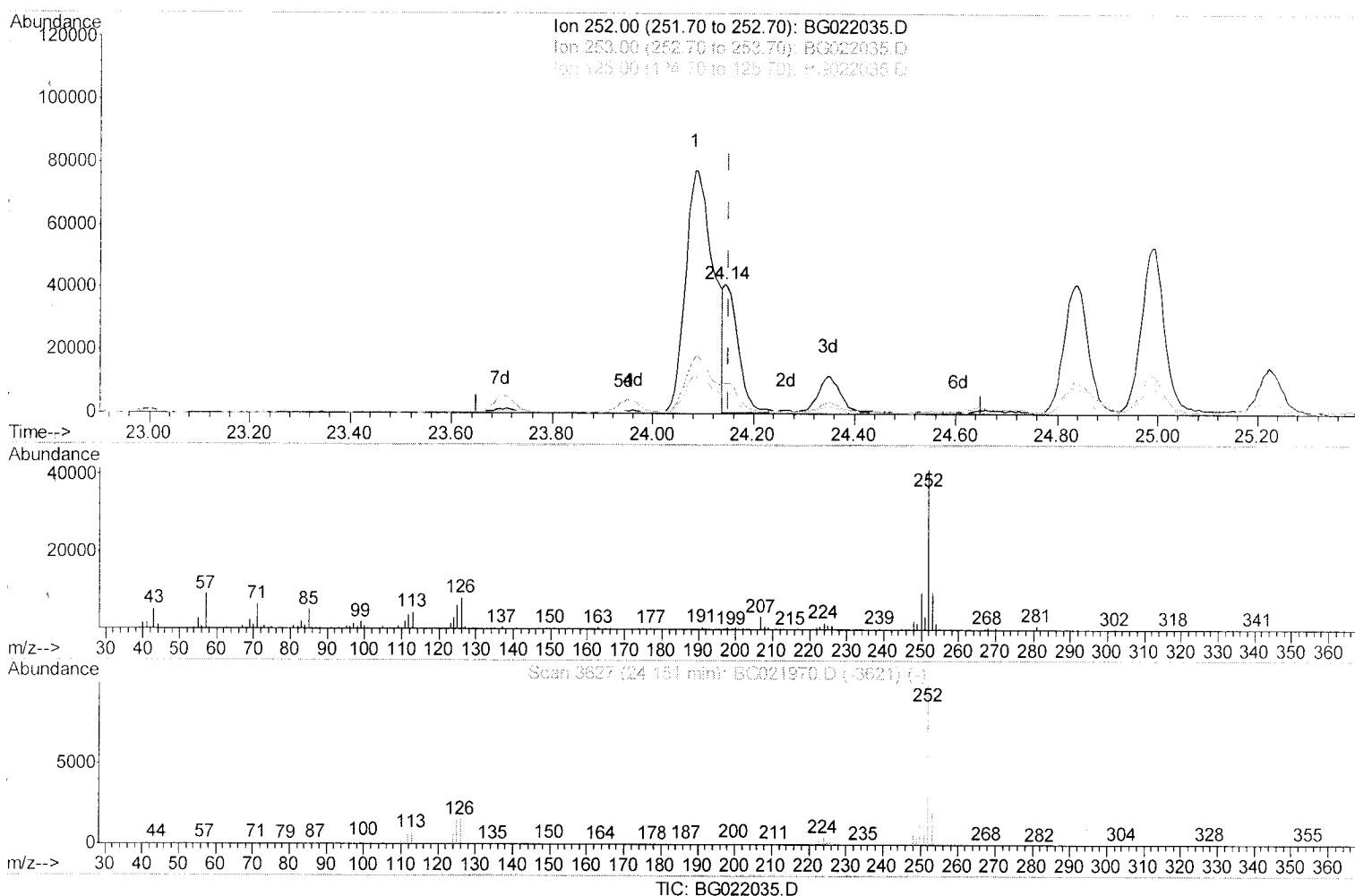
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(36) Benzo(k)fluoranthene

24.142min (-0.008) 7.44ng/ul m

response 81342

Ion Exp% Act%

252.00 100 100

253.00 22.30 23.36

125.00 9.60 15.65#

0.00 0.00 0.00

0.07
 05/25/16

Quantitation Report (Qedit)

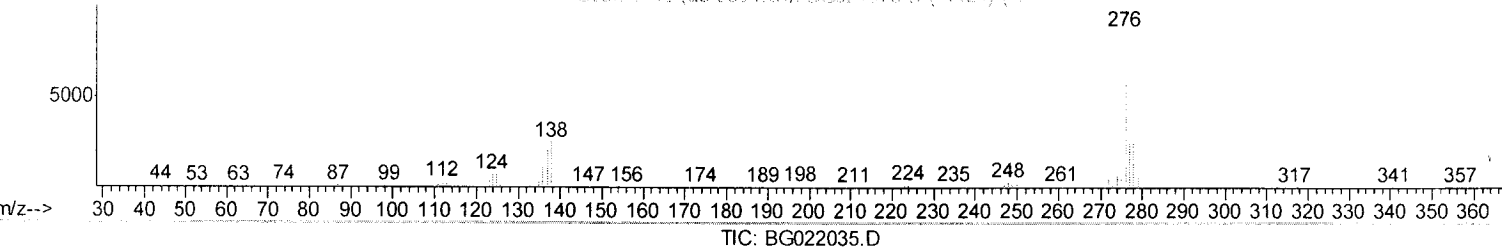
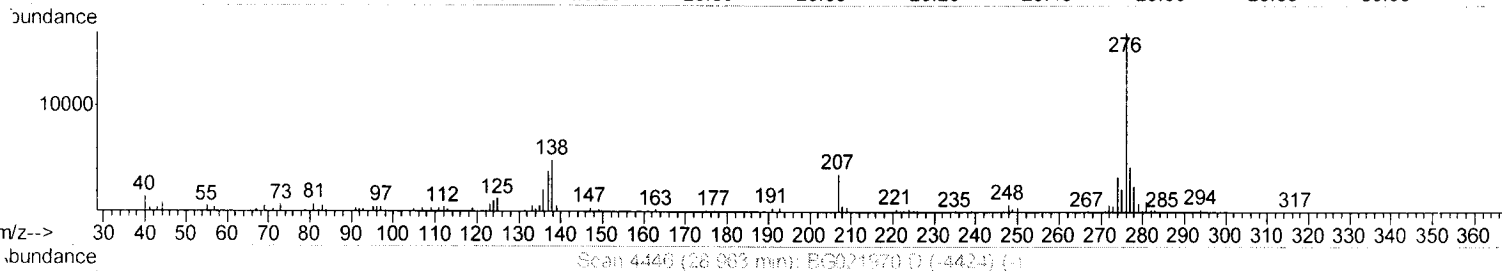
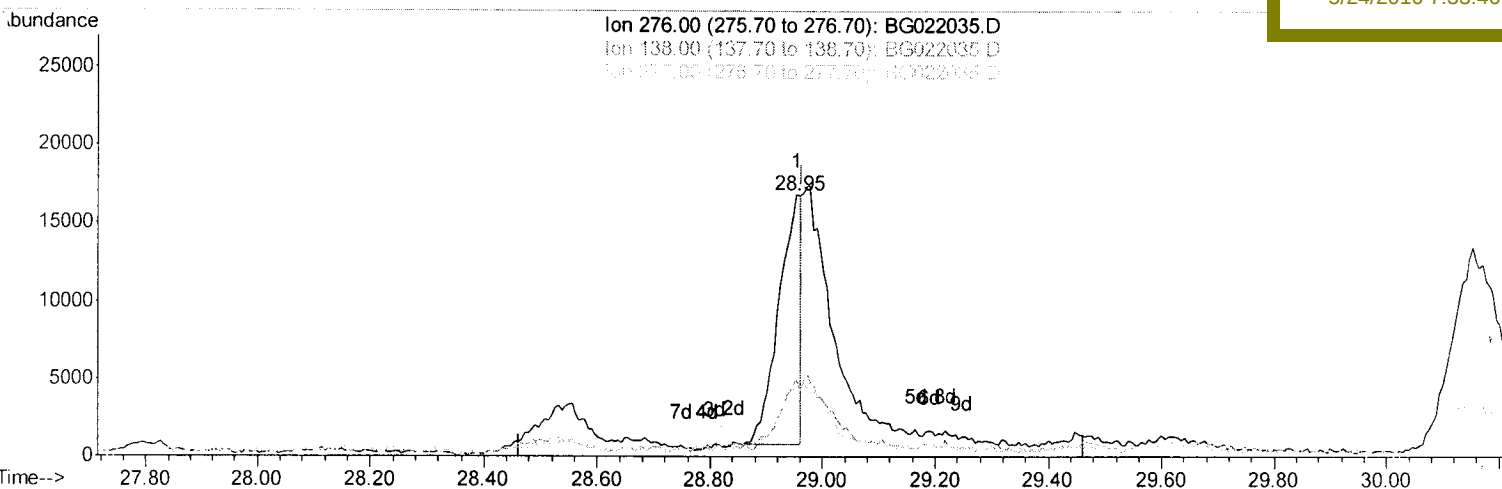
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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(39) Indeno(1,2,3-cd)pyrene

28.954min (-0.008) 3.60ng/ul

response 43476

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	29.55#
277.00	23.80	26.05
0.00	0.00	0.00

Quantitation Report (Qedit)

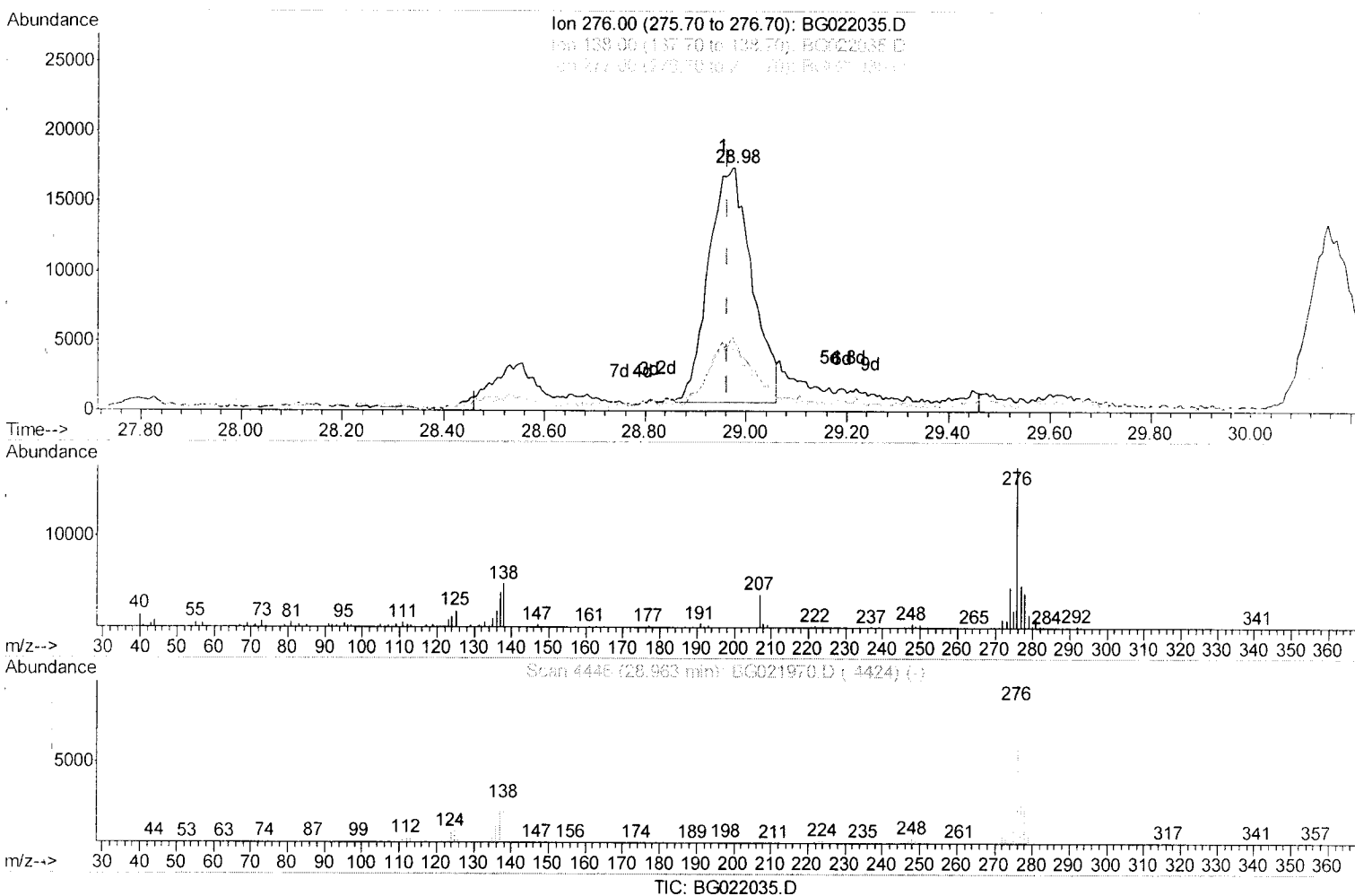
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 Data File : BG022035.D
 Acq On : 23 May 2016 6:07
 Operator : UM/SJ
 Sample : H3203-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9XH7

Manual Integrations
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(39) Indeno(1,2,3-cd)pyrene

28.978min (+0.015) 8.34ng/ul m

response 100783

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	27.76#
277.00	23.80	27.22
0.00	0.00	0.00

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Quantitation Report (Qedit)

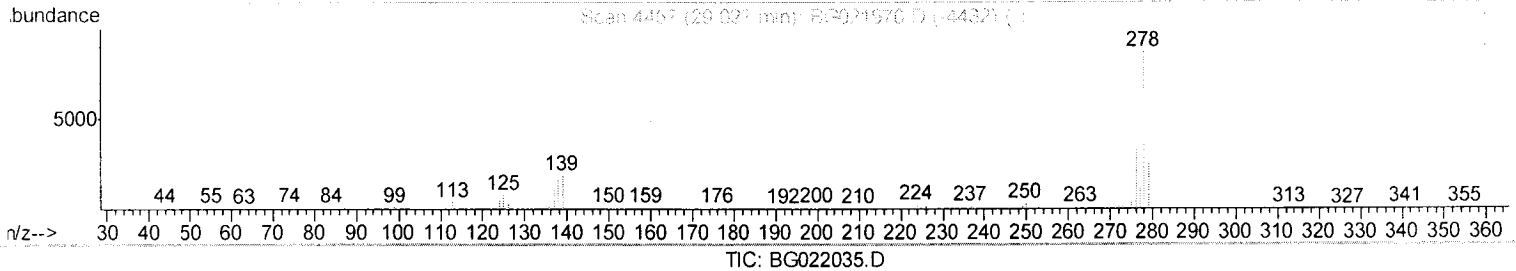
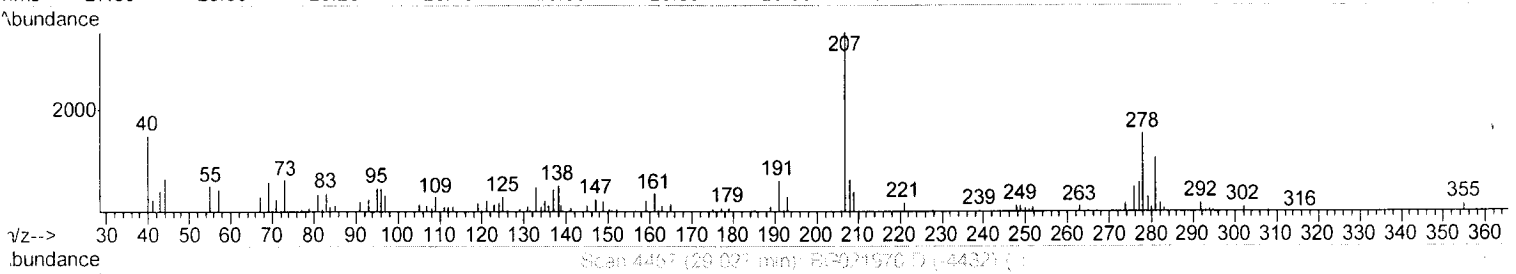
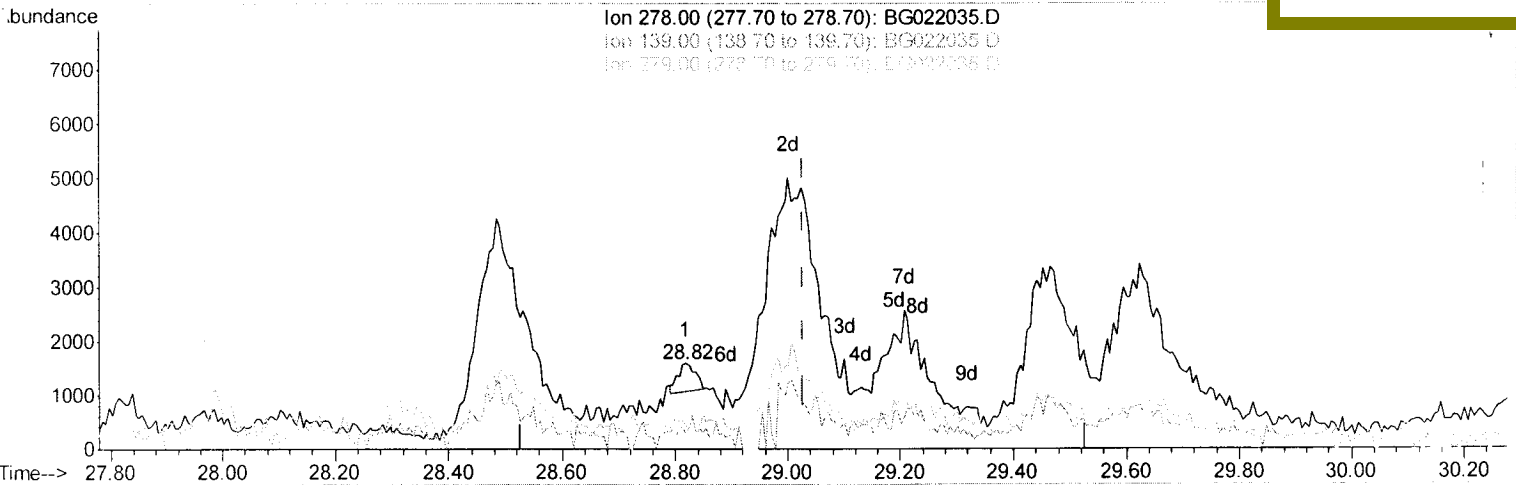
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Instrument :
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 ClientSampled :
 D9XH7

Manual Integrations
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(40) Dibenzo(a,h)anthracene

28.819min (-0.208) 0.12ng/ul

response 1155

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	16.98
279.00	24.80	26.33
0.00	0.00	0.00

Quantitation Report (Qedit)

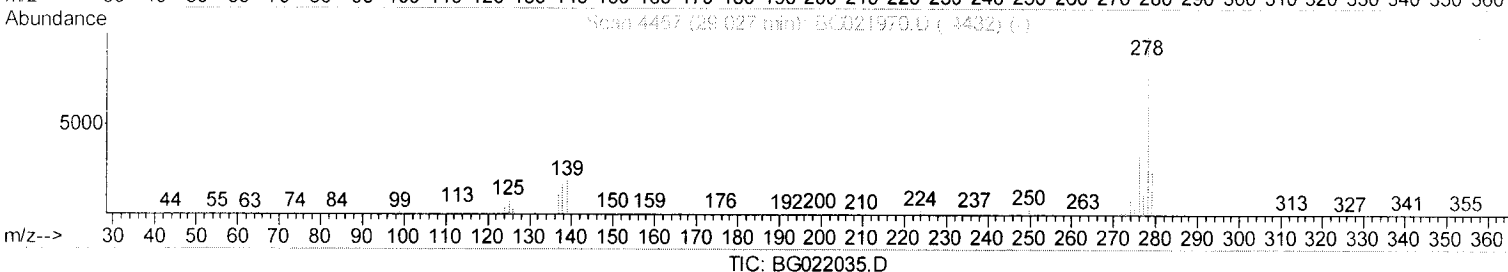
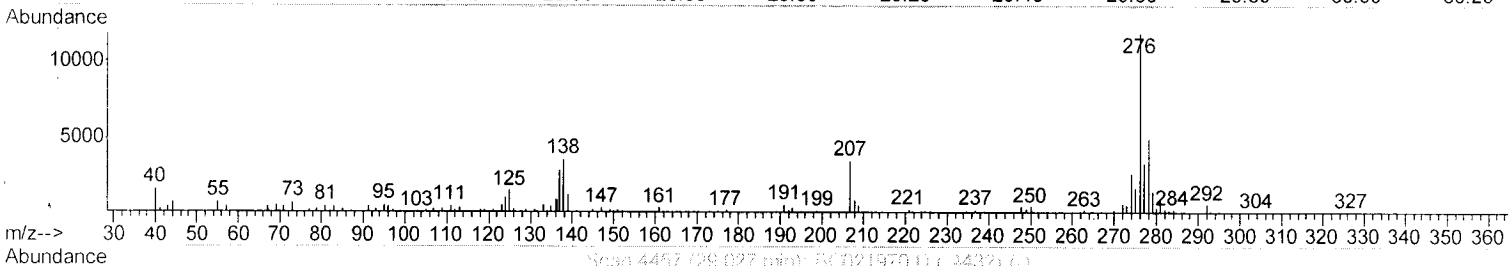
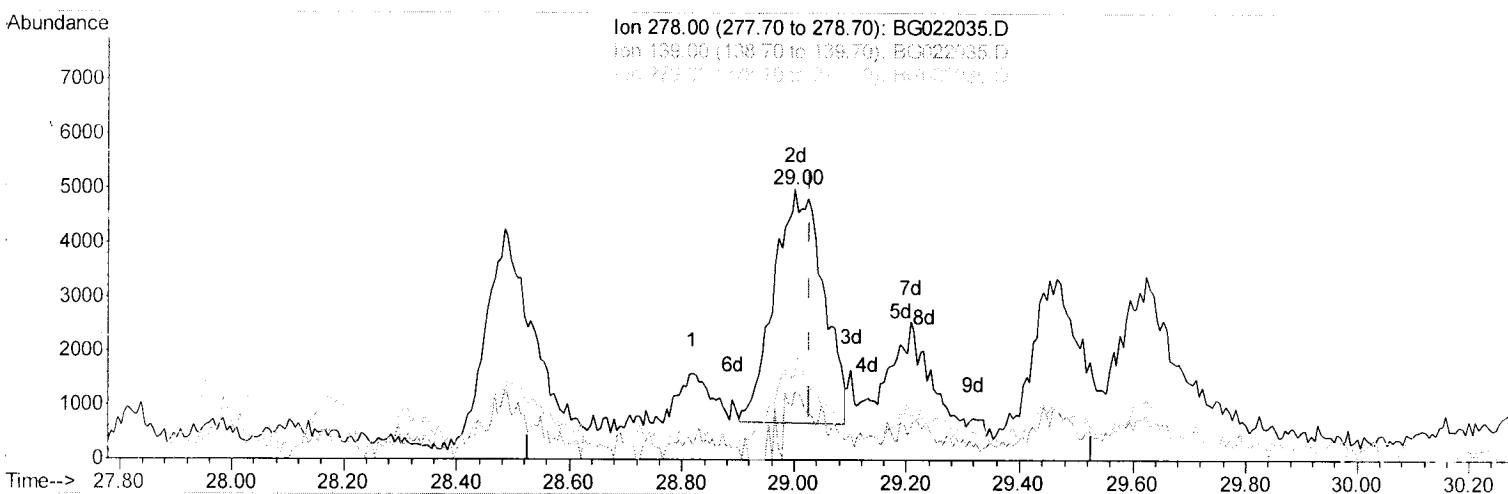
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(40) Dibenzo(a,h)anthracene

29.001min (-0.026) 2.61ng/ul m

response 26124

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Ion	Exp%	Act%
278.00	100	100
139.00	15.10	24.75#
279.00	24.80	30.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

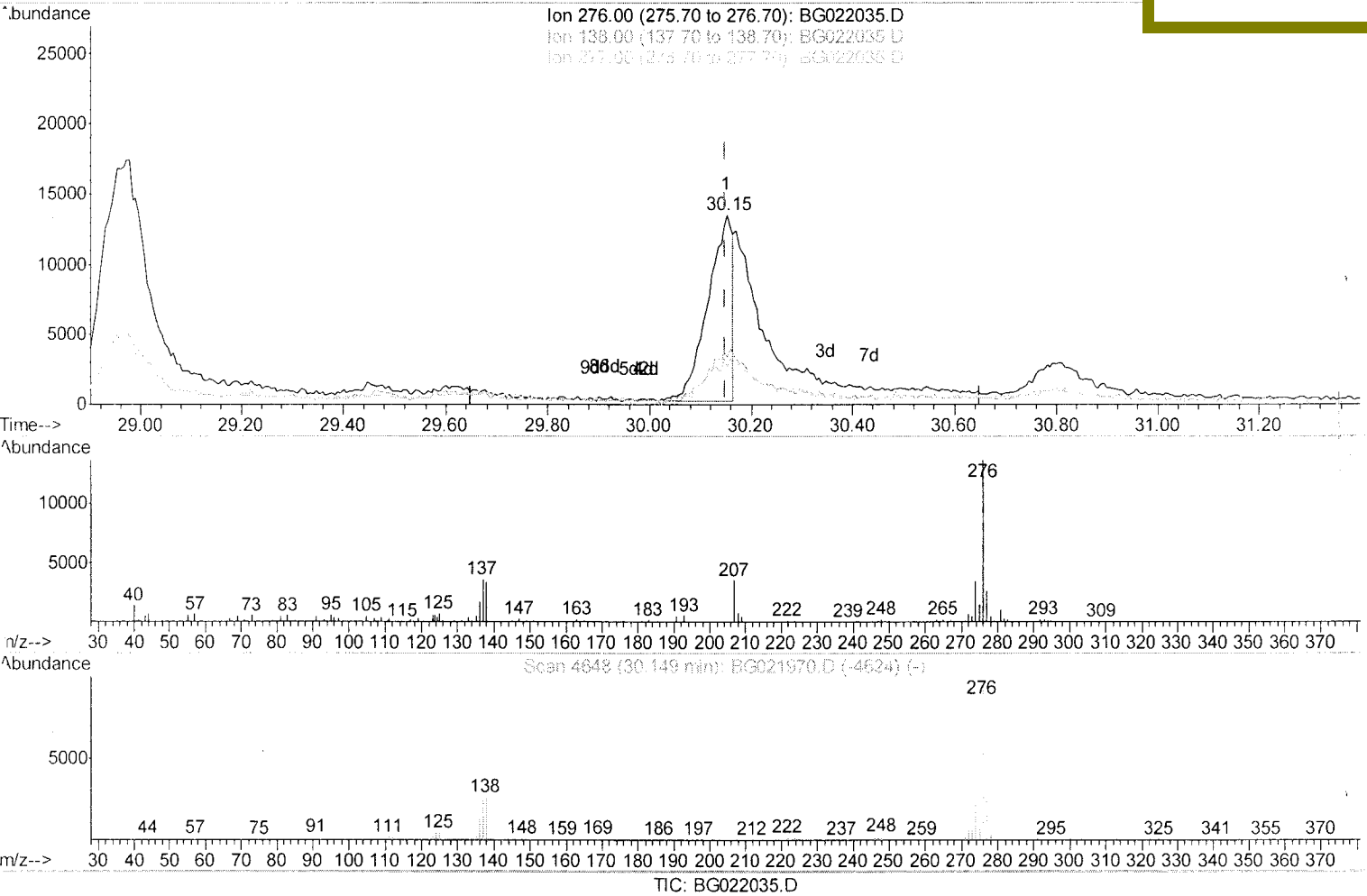
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(41) Benzo(g,h,i)perylene

30.153min (+0.003) 4.41ng/ul

response 45109

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.18#
277.00	24.70	20.07
0.00	0.00	0.00

Quantitation Report (Qedit)

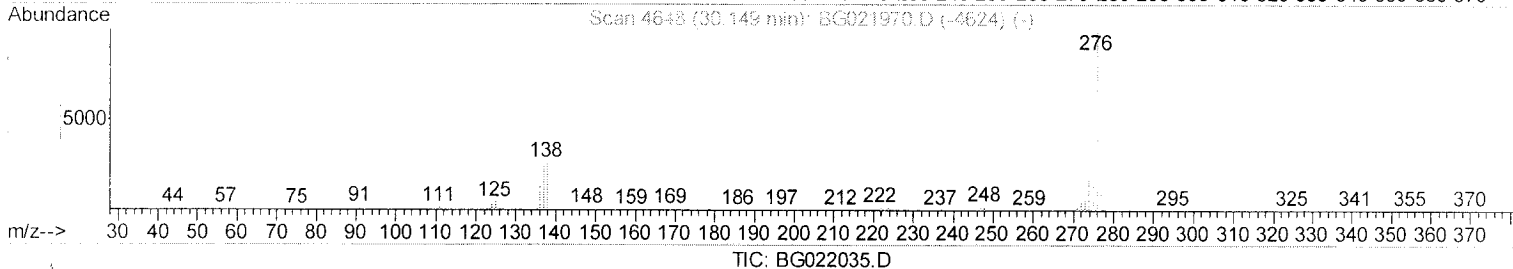
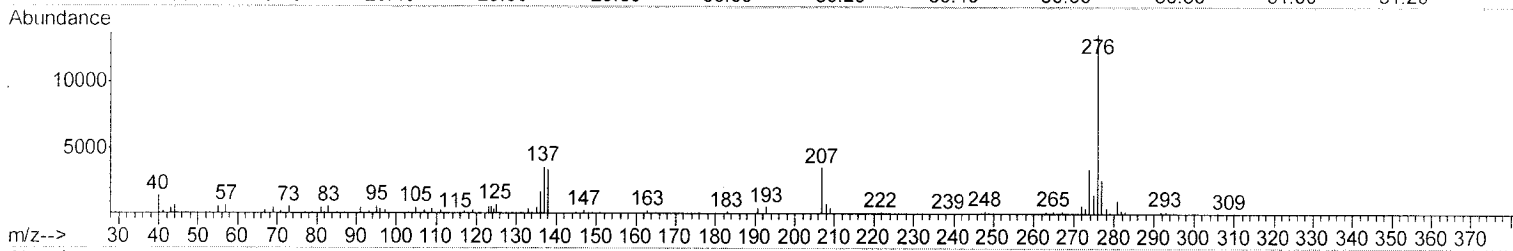
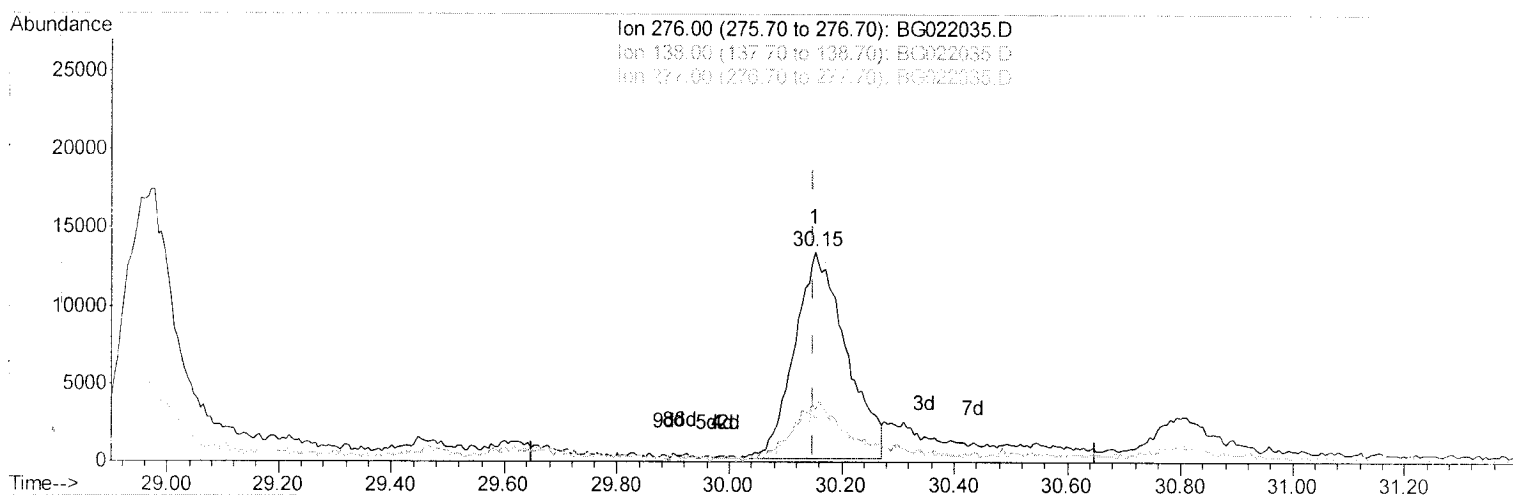
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(41) Benzo(g,h,i)perylene

30.153min (+0.003) 8.29ng/ul m

response 84761

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.18#
277.00	24.70	20.07
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	45701	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	233235	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	126780	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	236382	20.00	ng/ul	0.00
29) Chrysene-d12	21.82	240	209527	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	193378	20.00	ng/ul	0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1035	1.04	ng/uL	0.00
3) Phenol-d5	7.31	99	56103	13.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	27496	12.79	ng/ul	0.00
5) 2-Chlorophenol-d4	7.68	132	47003	14.19	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	46595	12.96	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	24265	14.83	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	25759	14.75	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	46633	15.11	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	34897	14.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	150700	15.42	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	204549	16.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	15939m	9.27	ng/ul	0.00
21) Fluorene-d10	15.77	176	134178	15.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	12684	10.81	ng/ul	0.00
26) Anthracene-d10	17.63	188	176430	16.20	ng/ul	0.00
30) Pyrene-d10	19.91	212	180961	16.37	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	150801	17.56	ng/ul	0.00

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Target Compounds

					Qvalue
25) Phenanthrene	17.57	178	193581	15.32 ng/ul	98
27) Anthracene	17.66	178	32460	2.56 ng/ul	96
28) Fluoranthene	19.57	202	450797	34.33 ng/ul#	92
31) Pyrene	19.94	202	347119m	24.06 ng/ul	
32) Benzo(a)anthracene	21.79	228	192138	16.53 ng/ul	94
33) Chrysene	21.86	228	194511	17.20 ng/ul	96
35) Benzo(b)fluoranthene	24.08	252	294229	26.47 ng/ul#	94
36) Benzo(k)fluoranthene	24.14	252	81342m	7.44 ng/ul	
38) Benzo(a)pyrene	24.99	252	172978	16.27 ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	28.98	276	100783m	8.34 ng/ul	
40) Dibenzo(a,h)anthracene	29.00	278	26124m	2.61 ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	84761m	8.29 ng/ul	

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