

Quantitation Report (QT/LSC Reviewed)

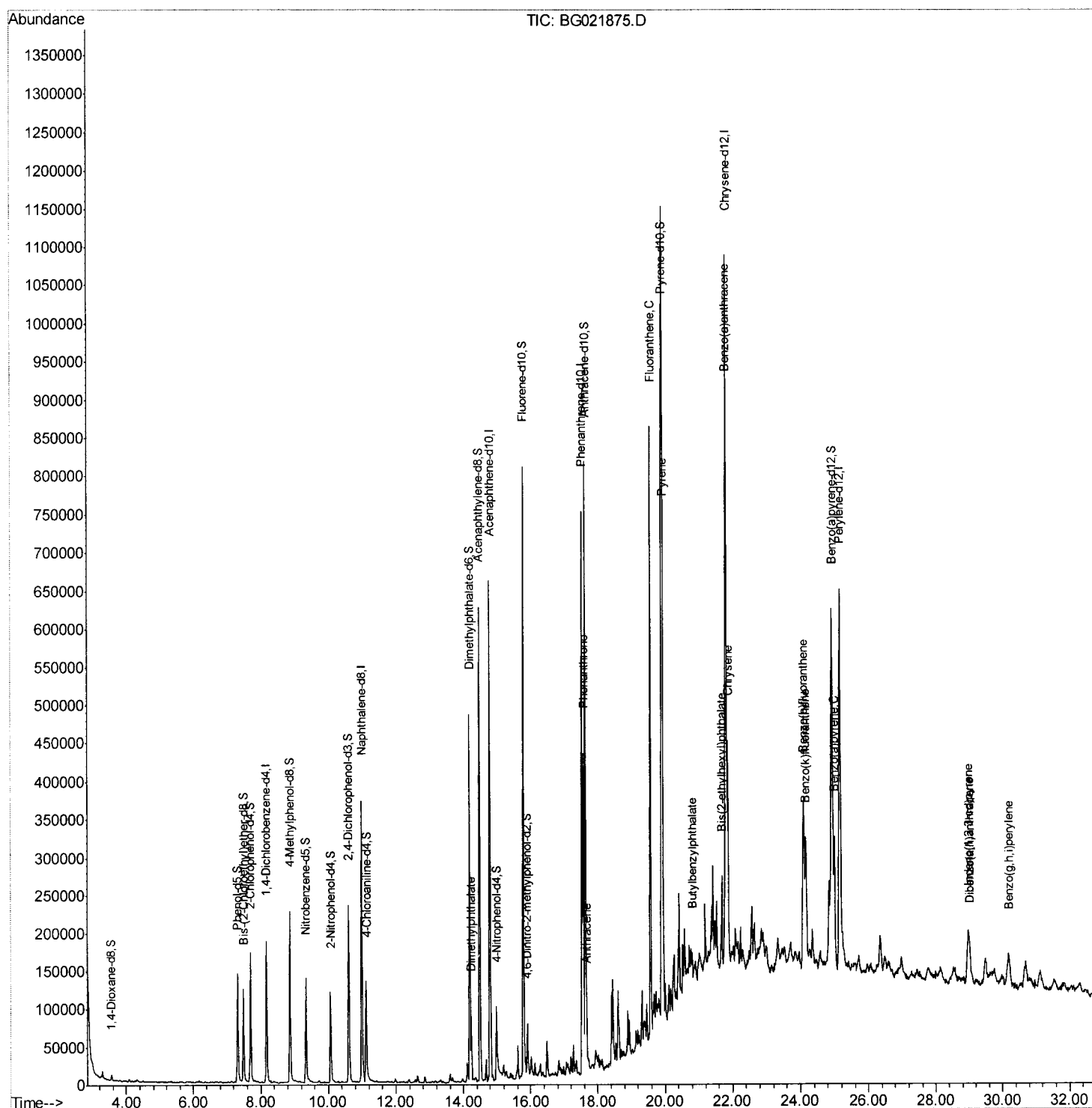
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051216\
 Data File : BG021875.D
 Acq On : 12 May 2016 19:14
 Operator : UM/SJ
 Sample : H2936-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK2

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:14 PM

Quant Time: May 13 12:41:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

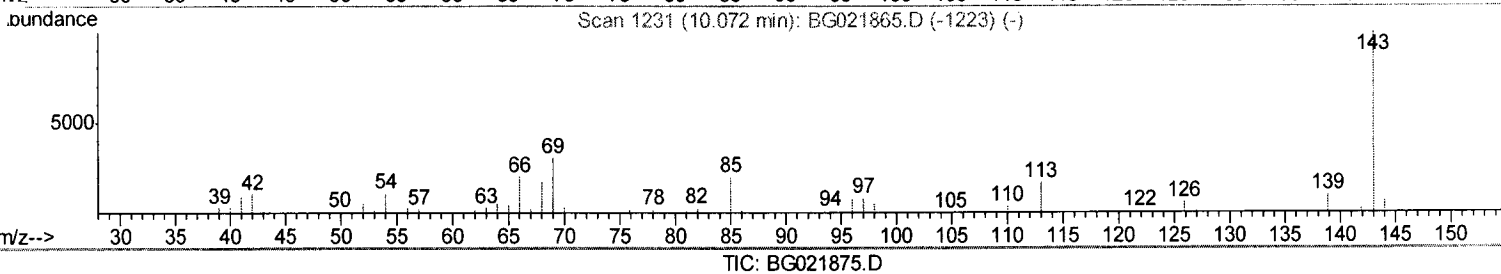
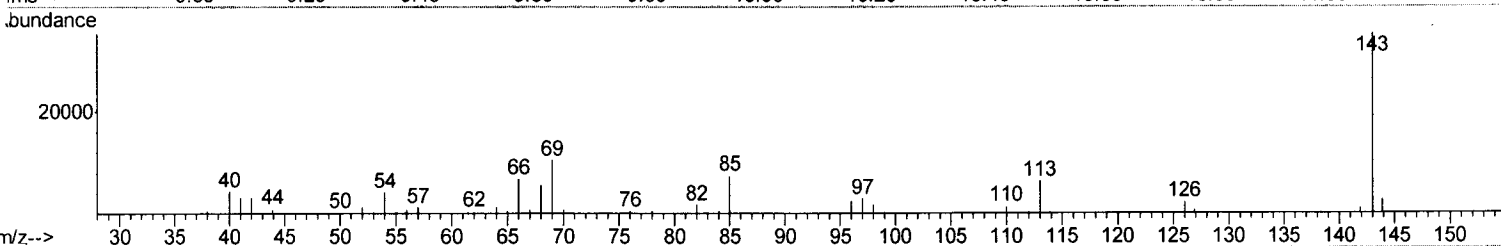
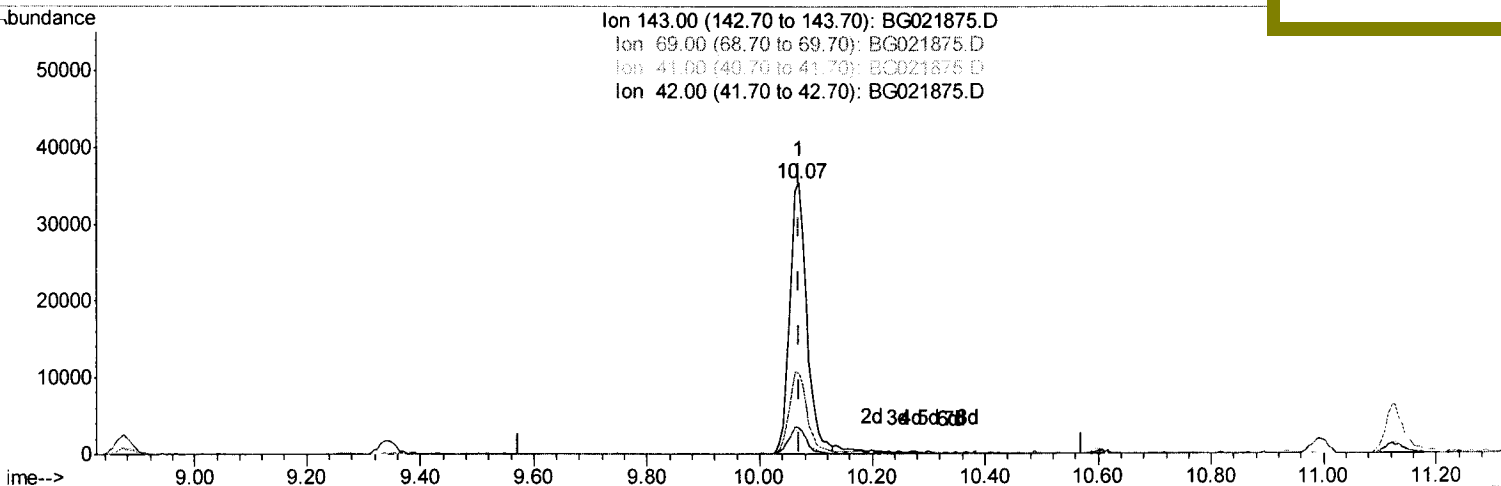
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Quant Time: May 13 05:01:38 2016
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TIC: BG021875.D

(22) 2-Nitrophenol-d4 (S)

10.070min (-0.002) 43.13ng/ul

response 73785

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	29.72#
41.00	34.20	9.23#
42.00	33.20	9.67#

Quantitation Report (Qedit)

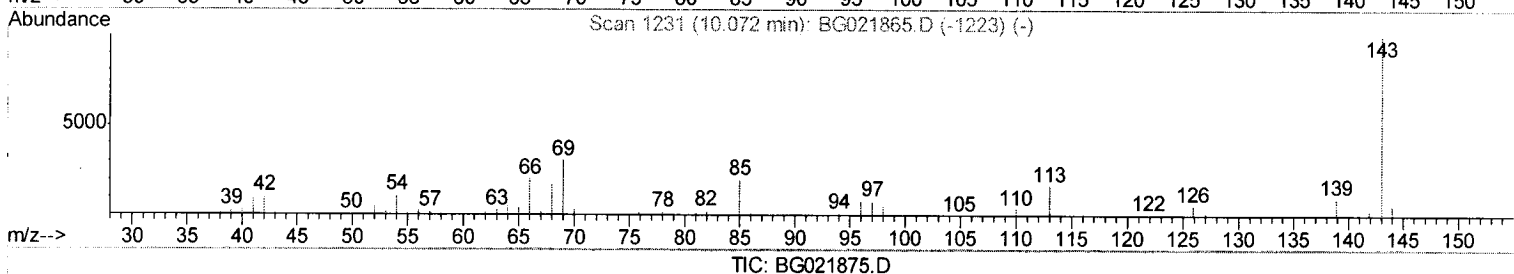
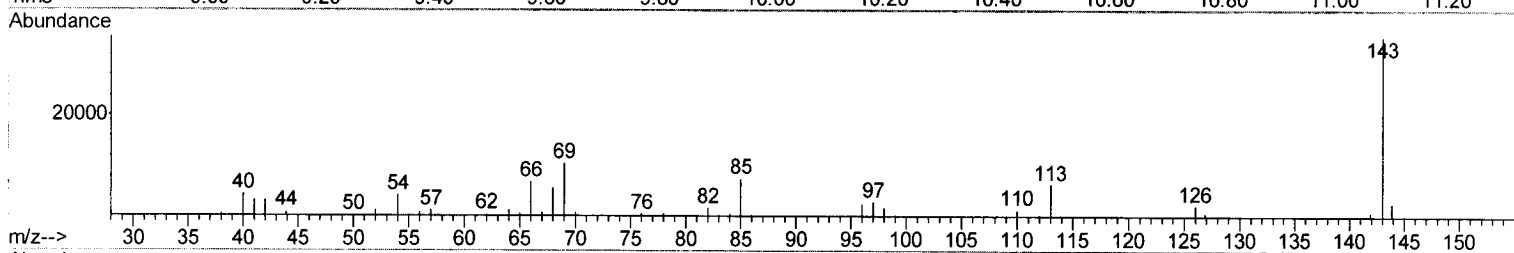
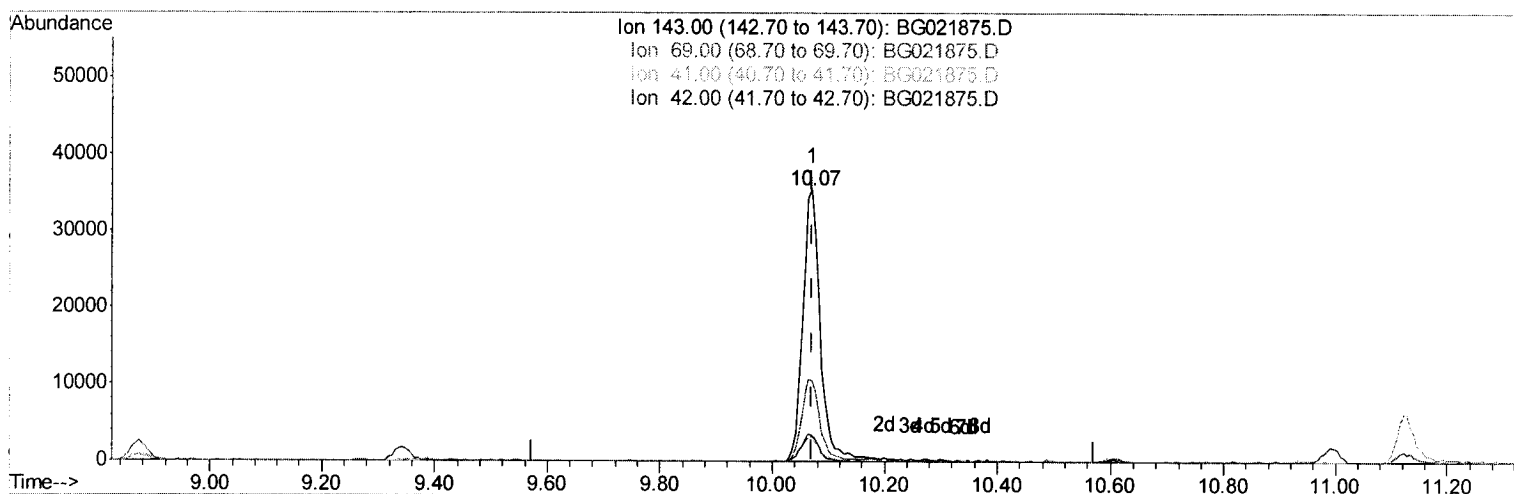
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(22) 2-Nitrophenol-d4 (S)

10.070min (-0.002) 44.71ng/ul m

response 76477

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	29.72#
41.00	34.20	9.23#
42.00	33.20	9.67#

0. m
 05/16/16

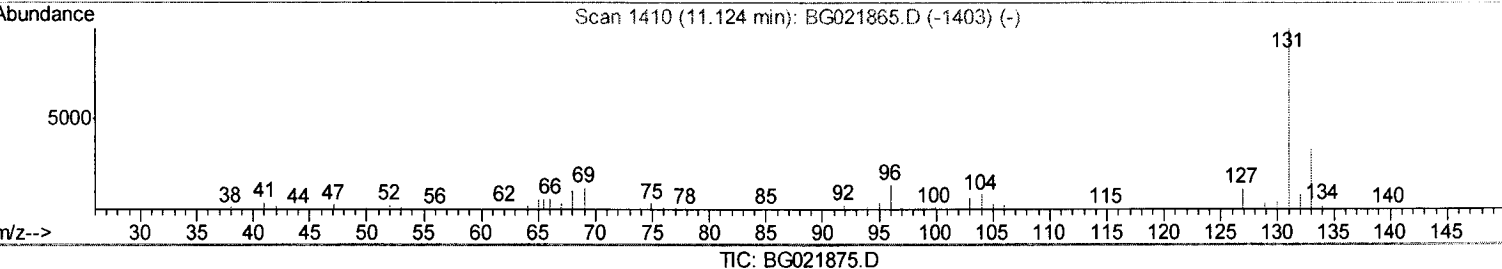
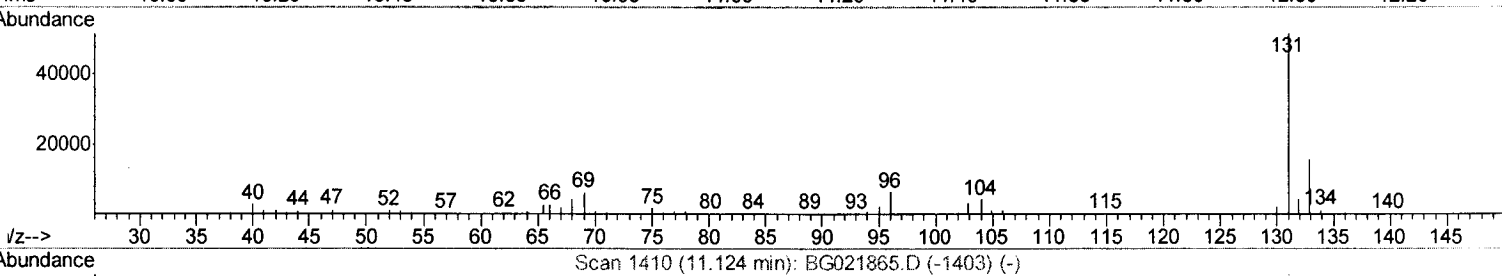
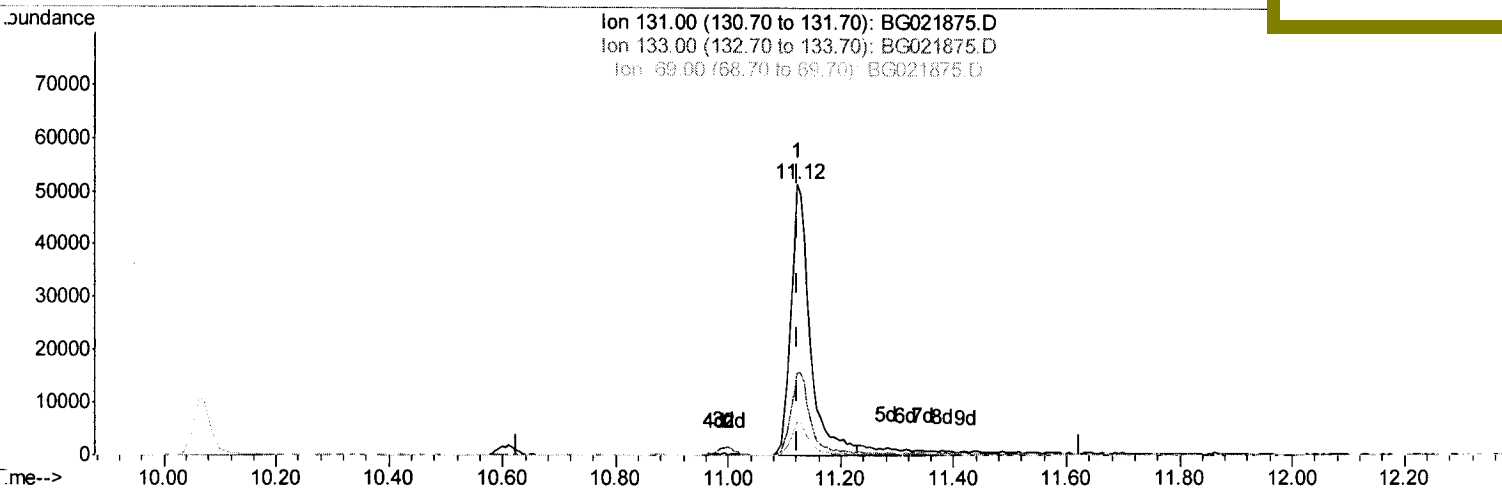
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(29) 4-Chloroaniline-d4 (S)

11.122min (-0.002) 23.42ng/ul

response 122050

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.55
69.00	23.00	12.17#
0.00	0.00	0.00

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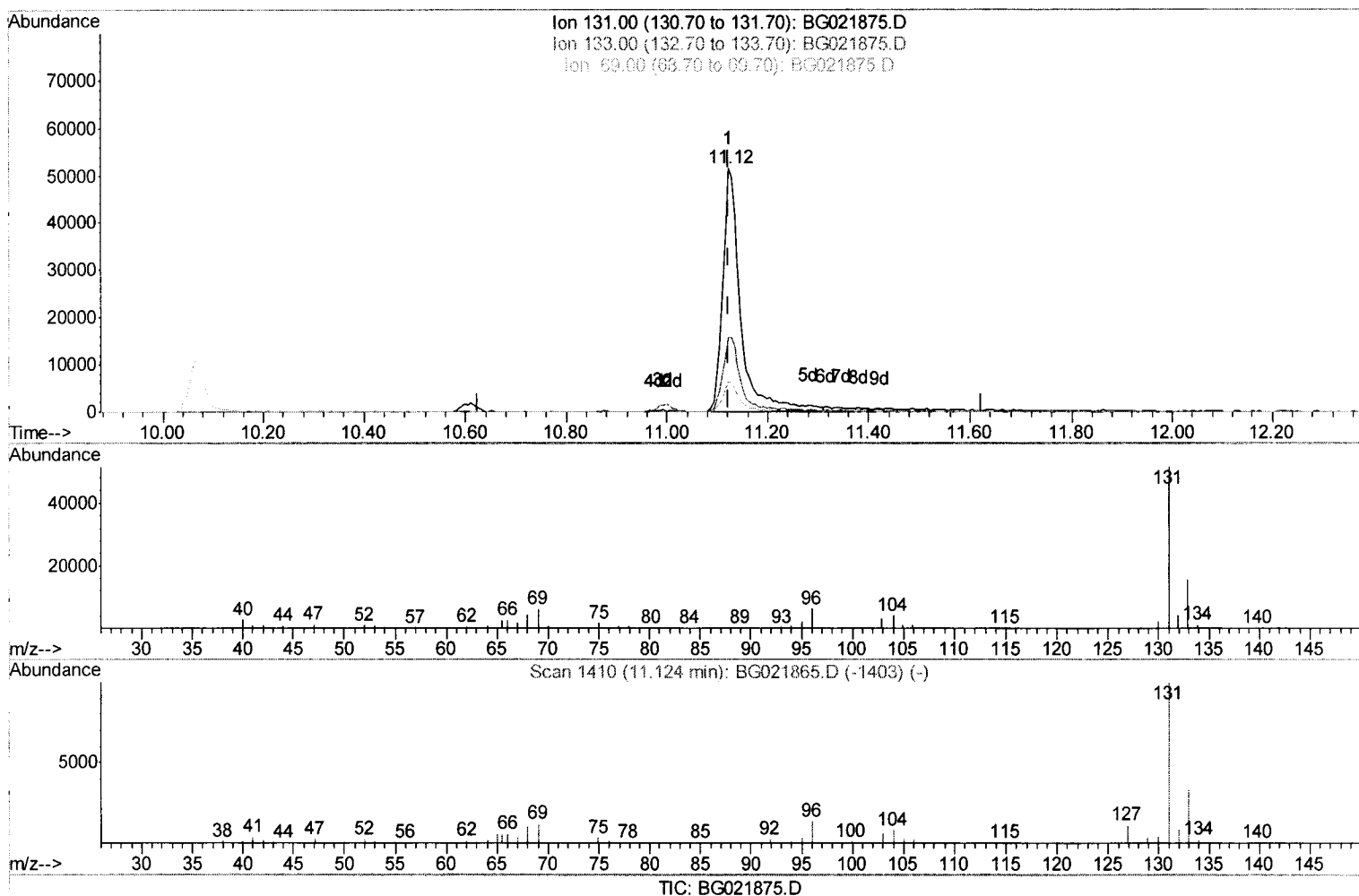
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(29) 4-Chloroaniline-d4 (S)

11.122min (-0.002) 24.68ng/ul m

response 128591

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.55
69.00	23.00	12.17#
0.00	0.00	0.00

U.M.
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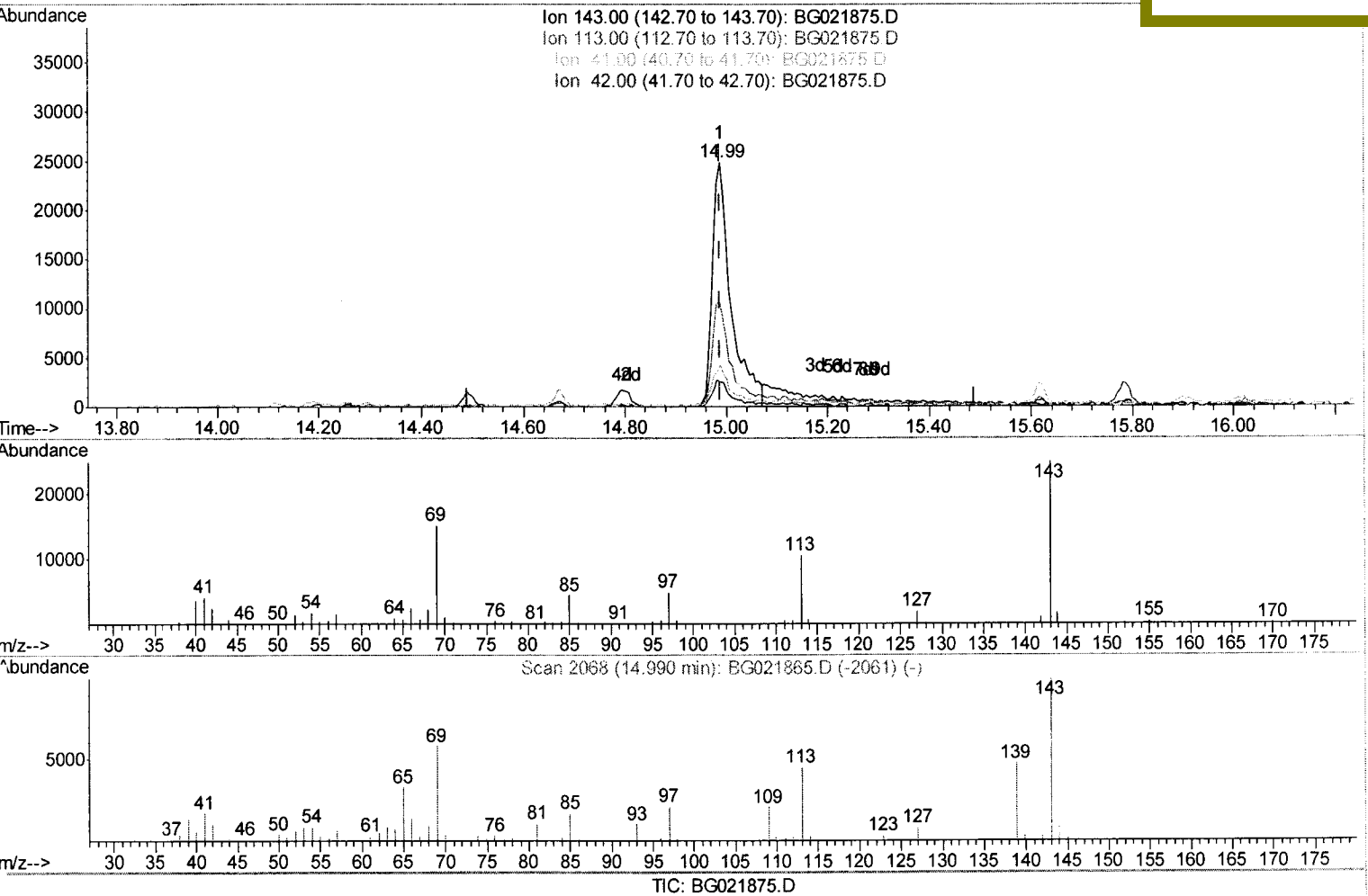
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(52) 4-Nitrophenol-d4 (S)

14.988min (-0.002) 20.08ng/ul

response 63103

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	42.35#
41.00	49.70	17.20#
42.00	33.70	9.90#

Quantitation Report (Qedit)

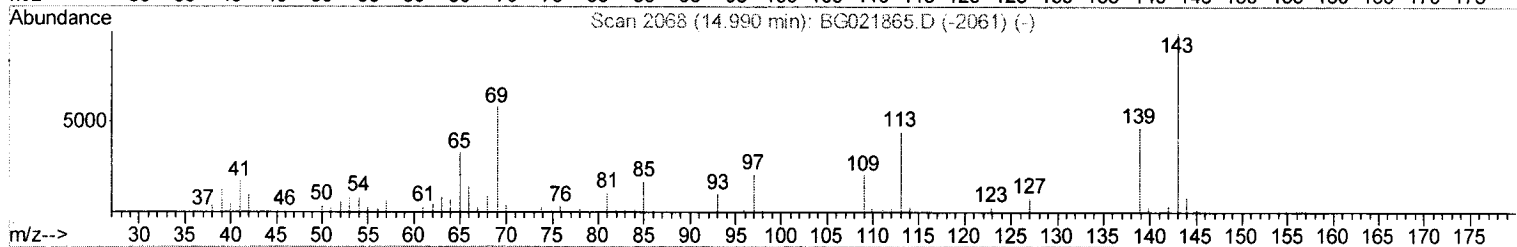
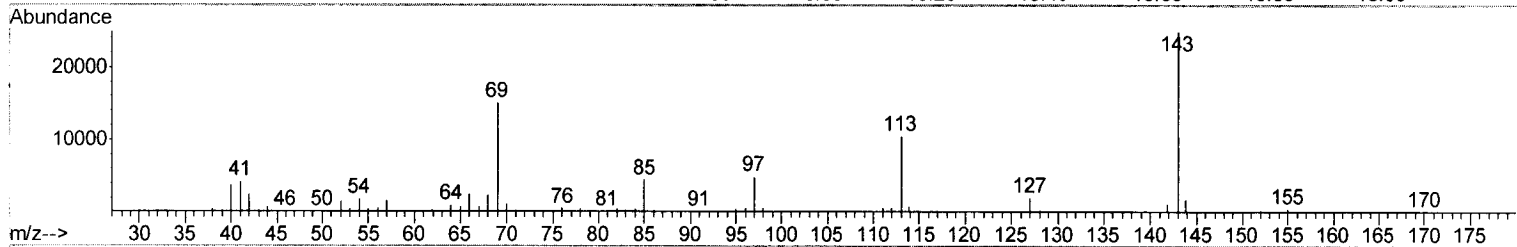
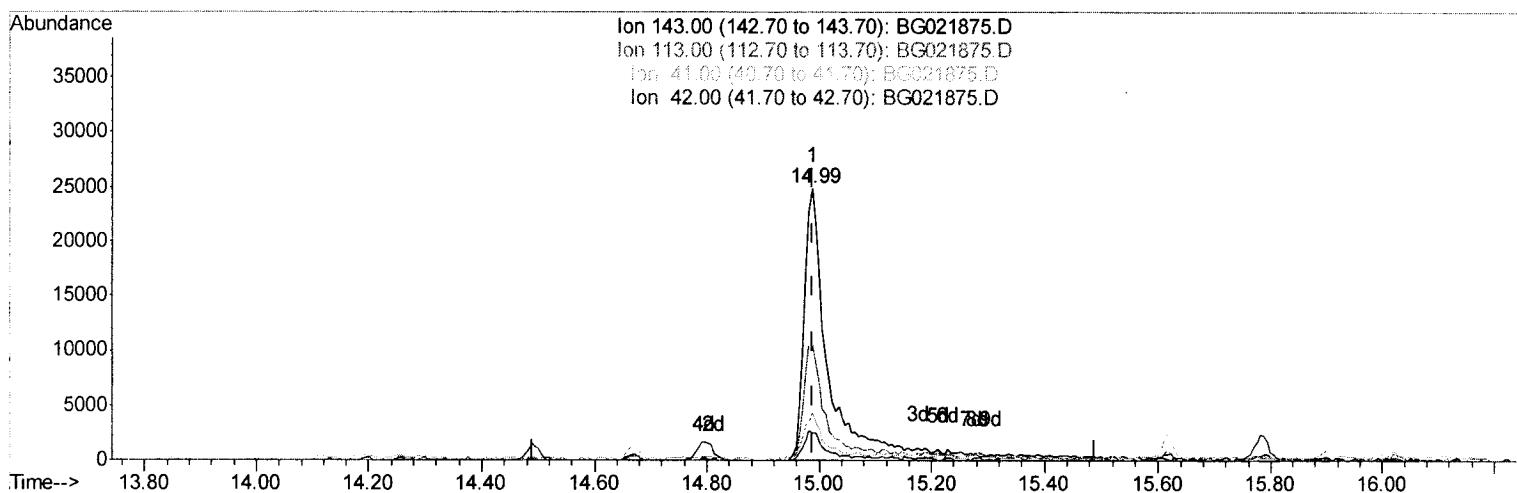
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 Operator : UM/SJ
 Sample : H2936-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK2

Manual Integrations
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TIC: BG021875.D

(52) 4-Nitrophenol-d4 (S)

14.988min (-0.002) 23.87ng/ul m

response 75016

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	42.35#
41.00	49.70	17.20#
42.00	33.70	9.90#

0.3
 05/16/16

Quantitation Report (Qedit)

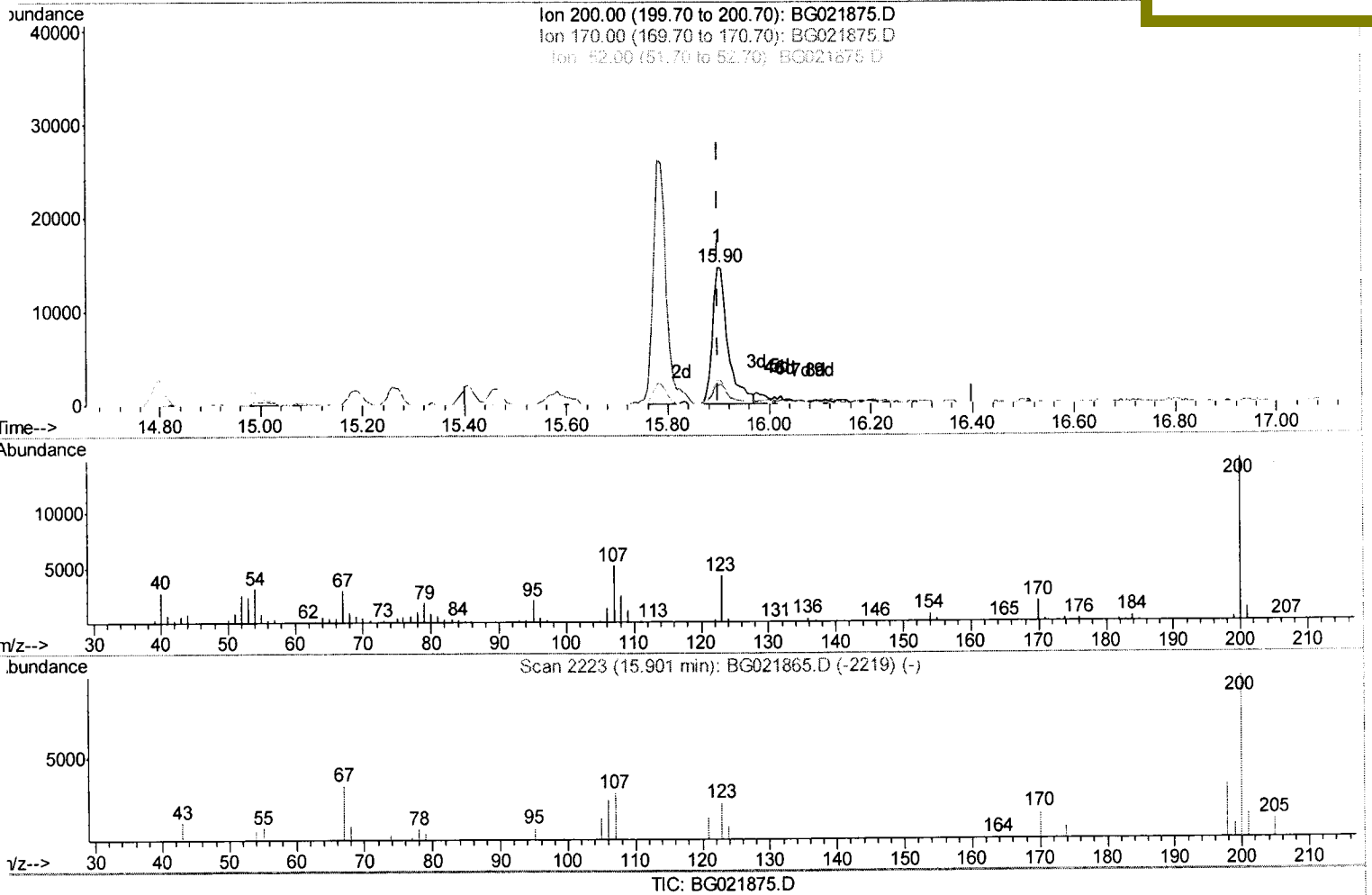
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 Sample : H2936-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual Integrations
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.899min (-0.002) 20.64ng/ul

response 30692

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	13.90#
52.00	53.20	18.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

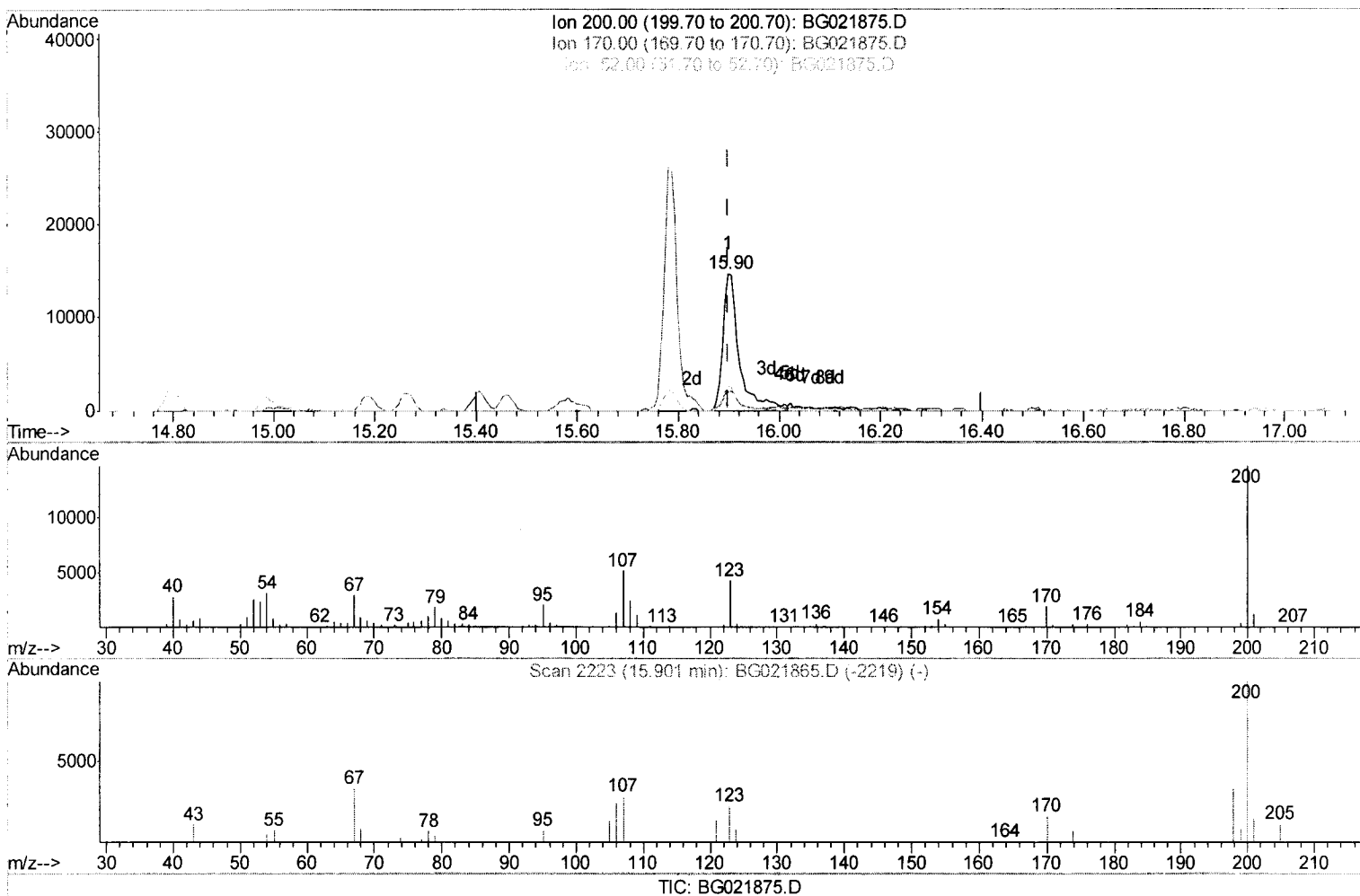
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 Sample : H2936-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
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Manual Integrations
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)-

15.899min (-0.002) 22.12ng/ul m

response 32889

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	13.90#
52.00	53.20	18.15#
0.00	0.00	0.00

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 05/16/16

Quantitation Report (Qedit)

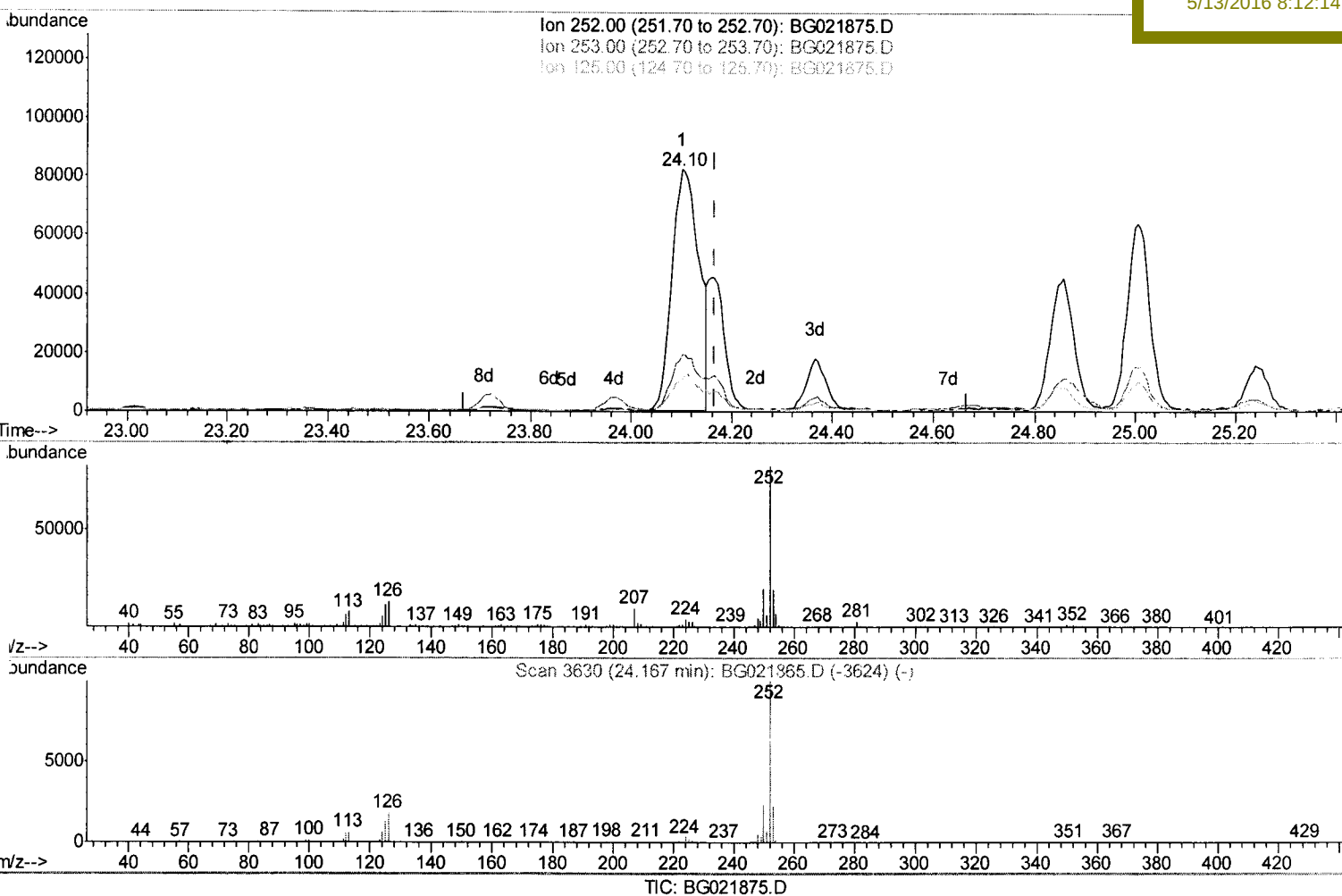
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK2

Quant Time: May 13 06:58:40 2016
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(87) Benzo(k)fluoranthene

24.101min (-0.066) 9.22ng/ui

response 305286

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.68
125.00	9.60	13.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

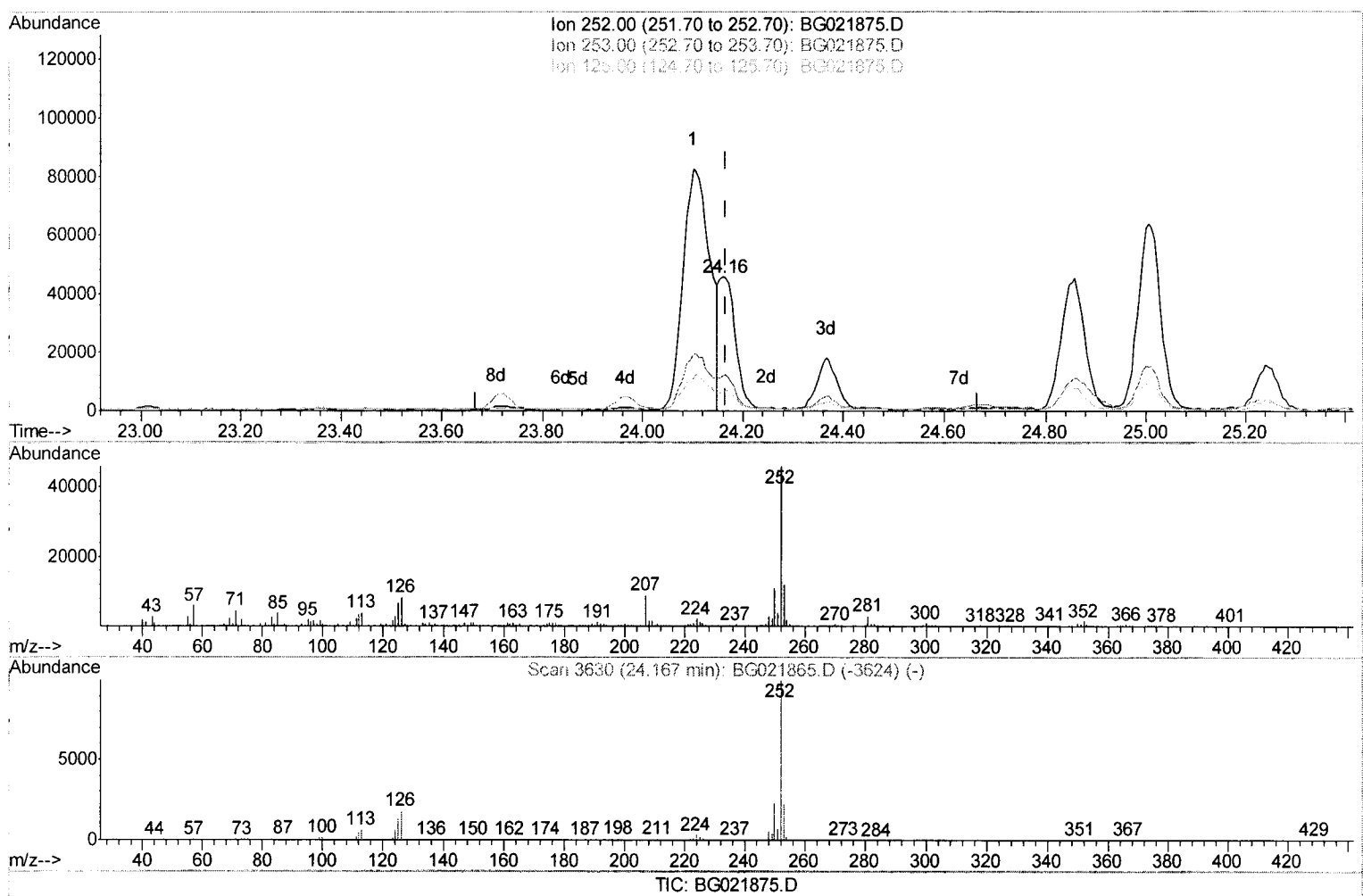
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 Data File : BG021875.D
 Acq On : 12 May 2016 19:14
 Operator : UM/SJ
 Sample : H2936-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9WK2

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:12:14 PM

Quant Time: May 13 06:58:40 2016
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(87) Benzo(k)fluoranthene

24.160min (-0.008) 3.26ng/ul m

response 107879

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	26.12
125.00	9.60	14.83#
0.00	0.00	0.00

U.M.
 05/16/16

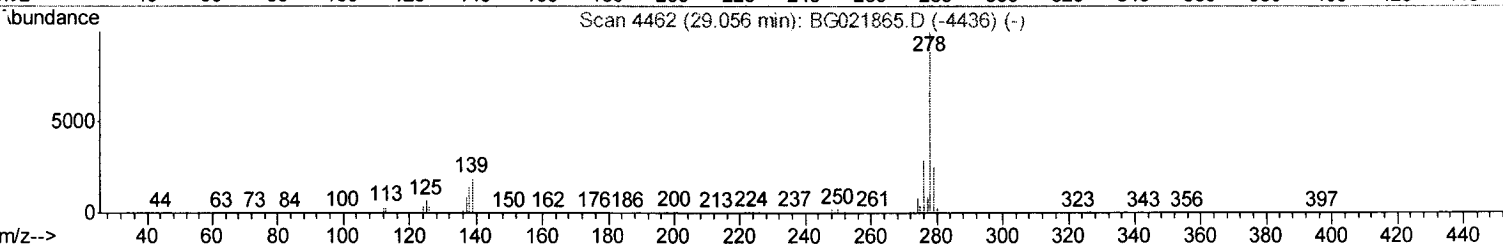
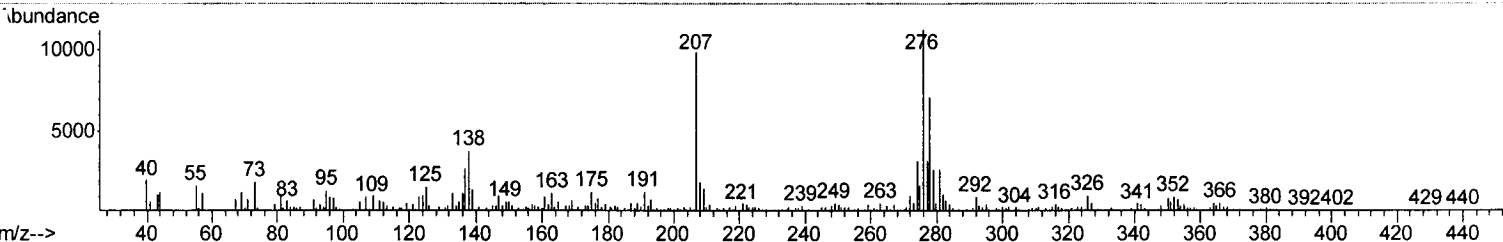
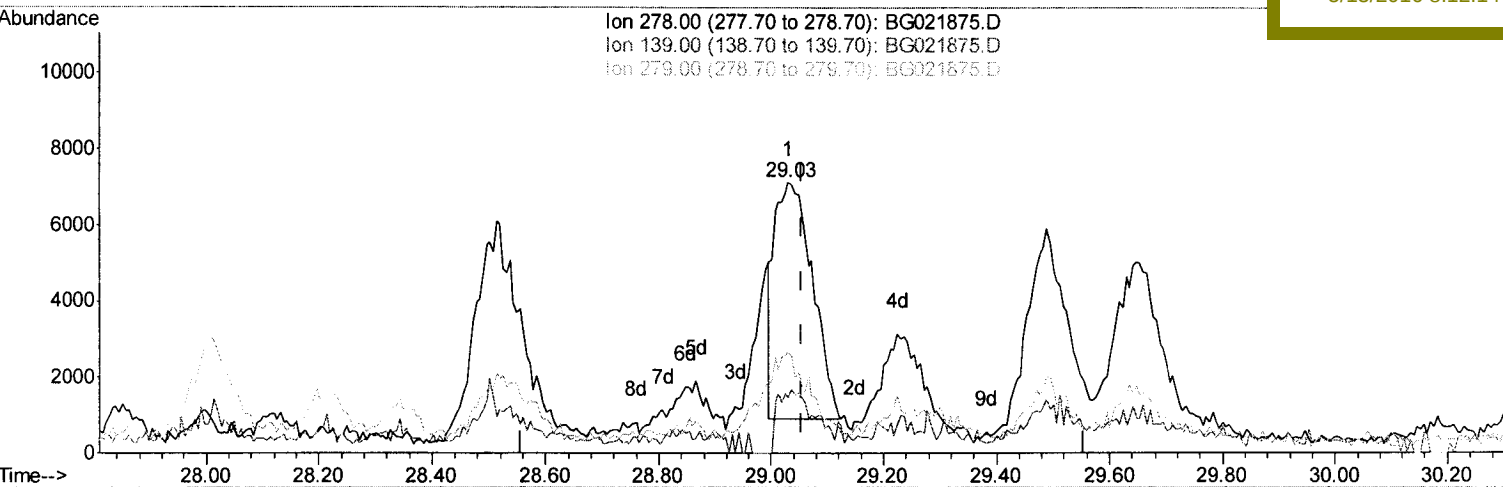
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TIC: BG021875.D

(91) Dibenzo(a,h)anthracene

29.030min (-0.025) 0.96ng/ul

response 29020

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	20.56#
279.00	24.80	37.41#
0.00	0.00	0.00

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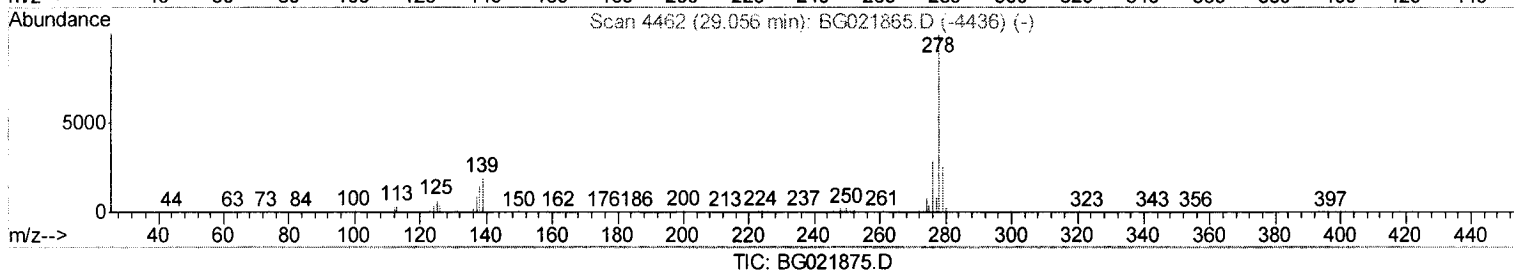
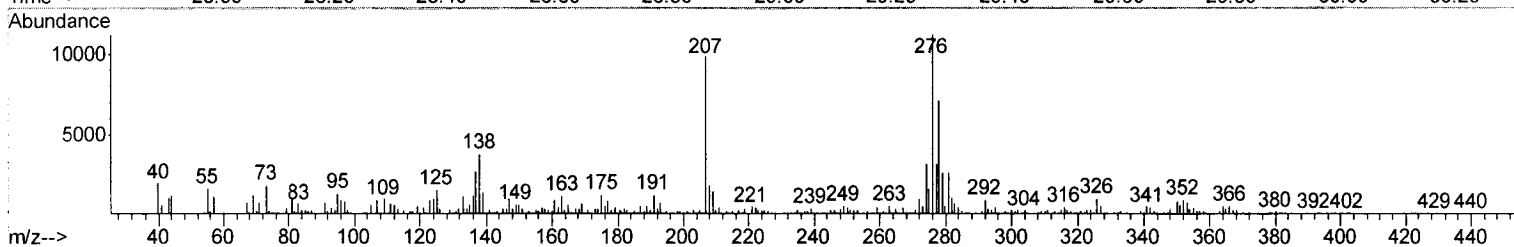
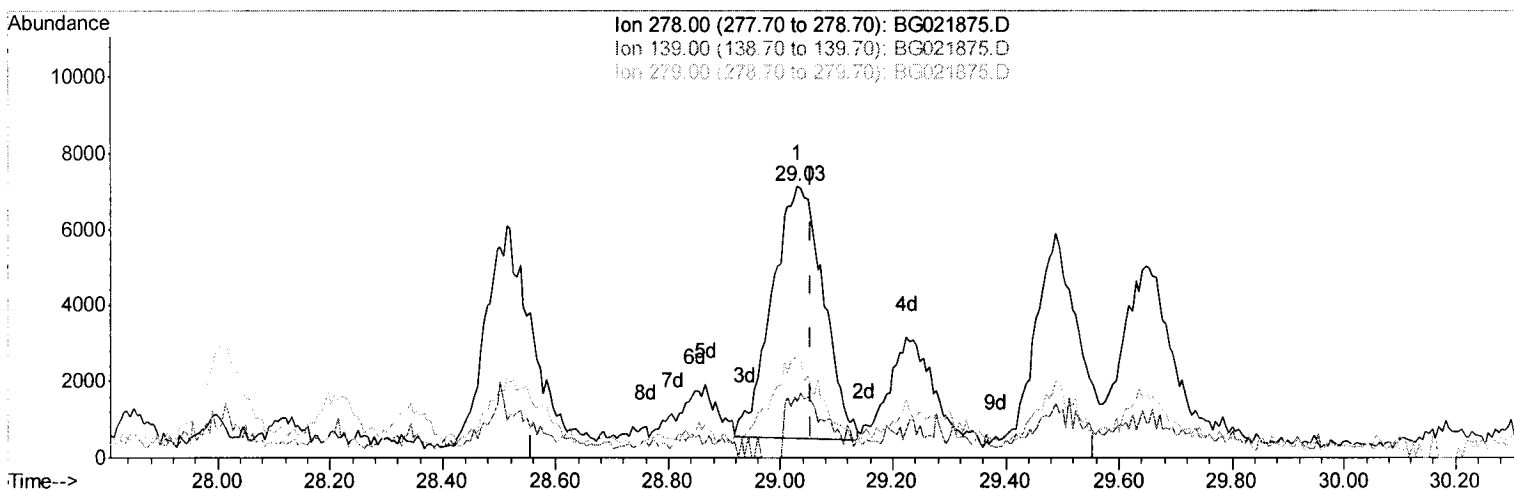
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(91) Dibenzo(a,h)anthracene

29.030min (-0.025) 1.38ng/ul m

response 41849

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	20.56#
279.00	24.80	37.41#
0.00	0.00	0.00

W.M.
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Quantitation Report (Qedit)

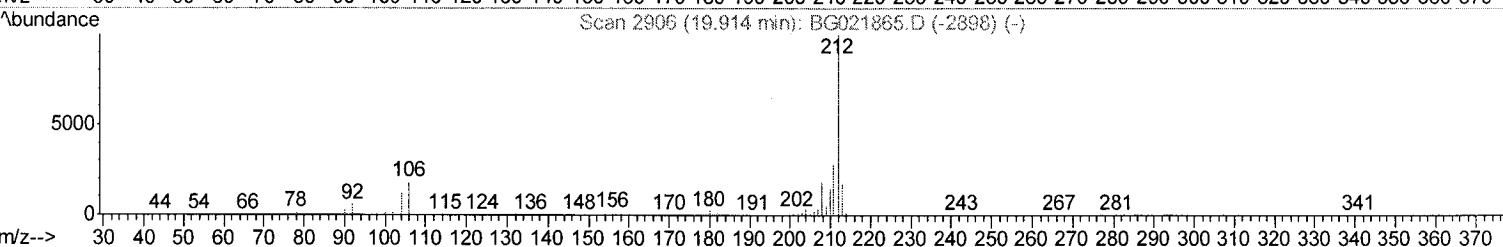
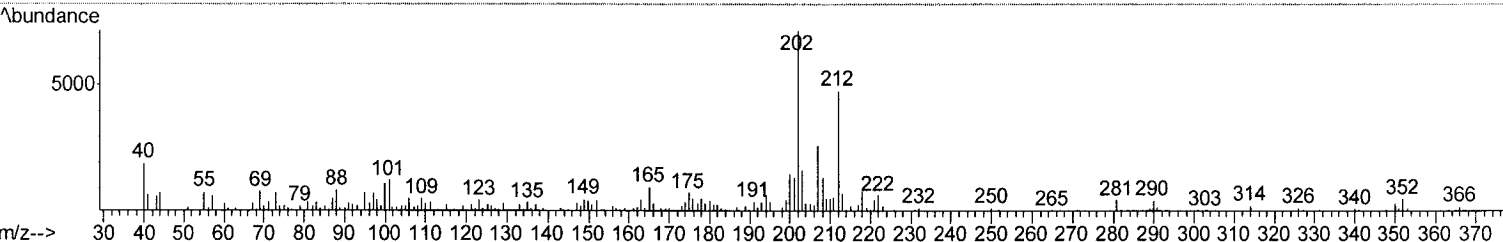
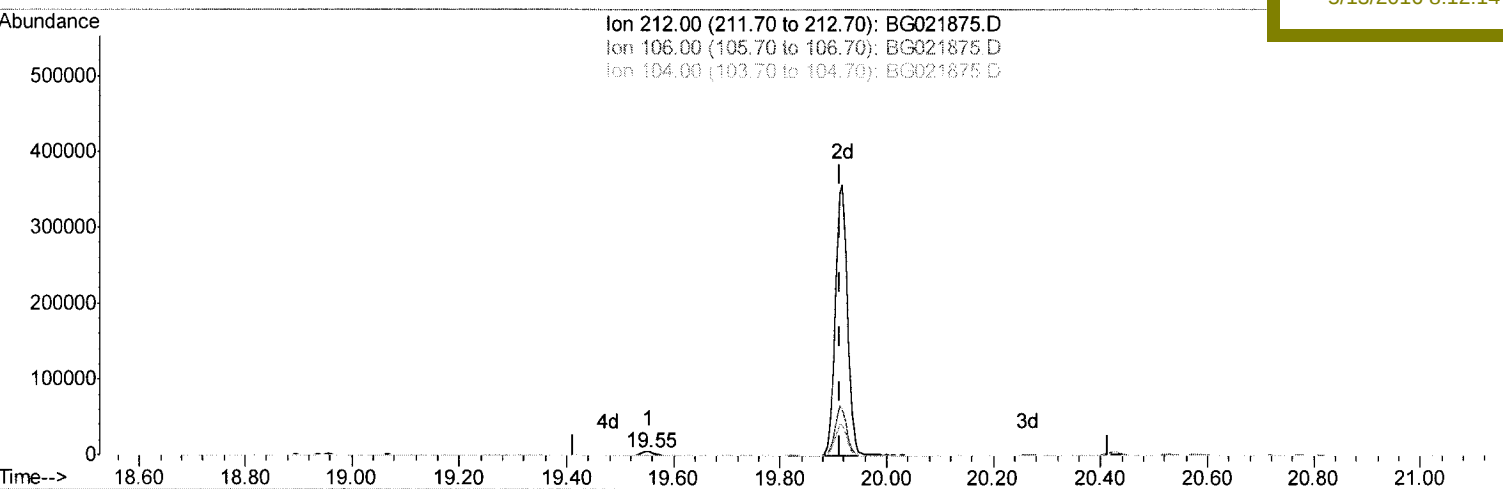
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TIC: BG021875.D

(77) Pyrene-d10 (S)

19.553min (-0.360) 0.28ng/ul

response 7131

Ion	Exp%	Act%
212.00	100	100
106.00	15.30	13.04
104.00	9.40	7.60
0.00	0.00	0.00

Quantitation Report (Qedit)

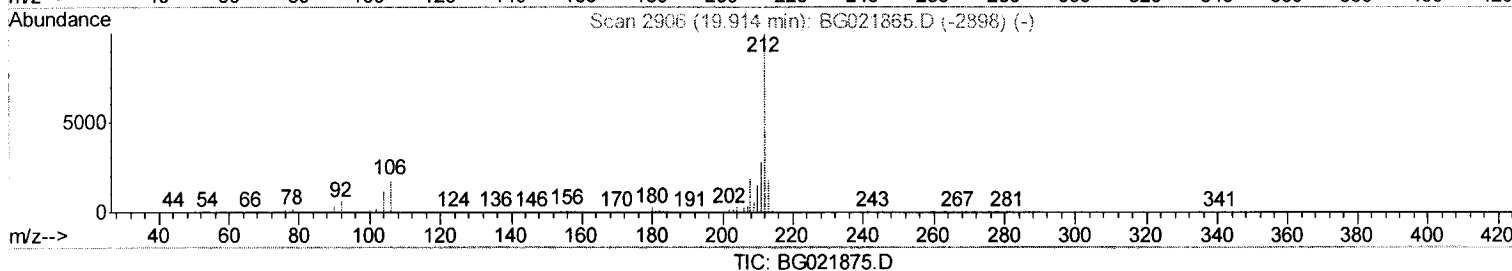
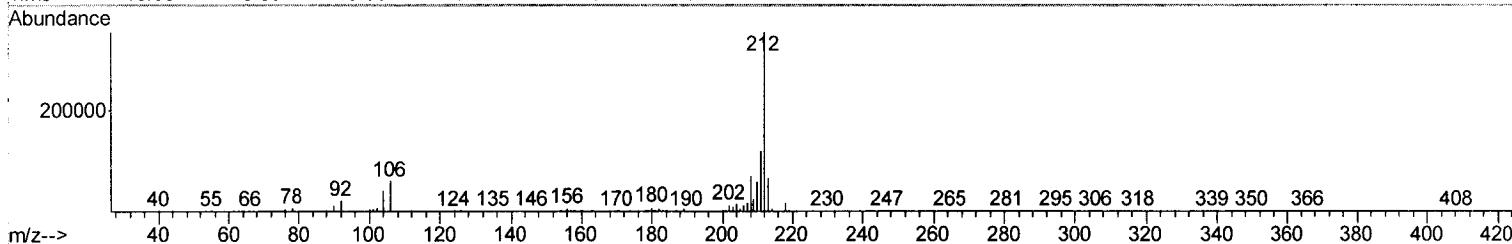
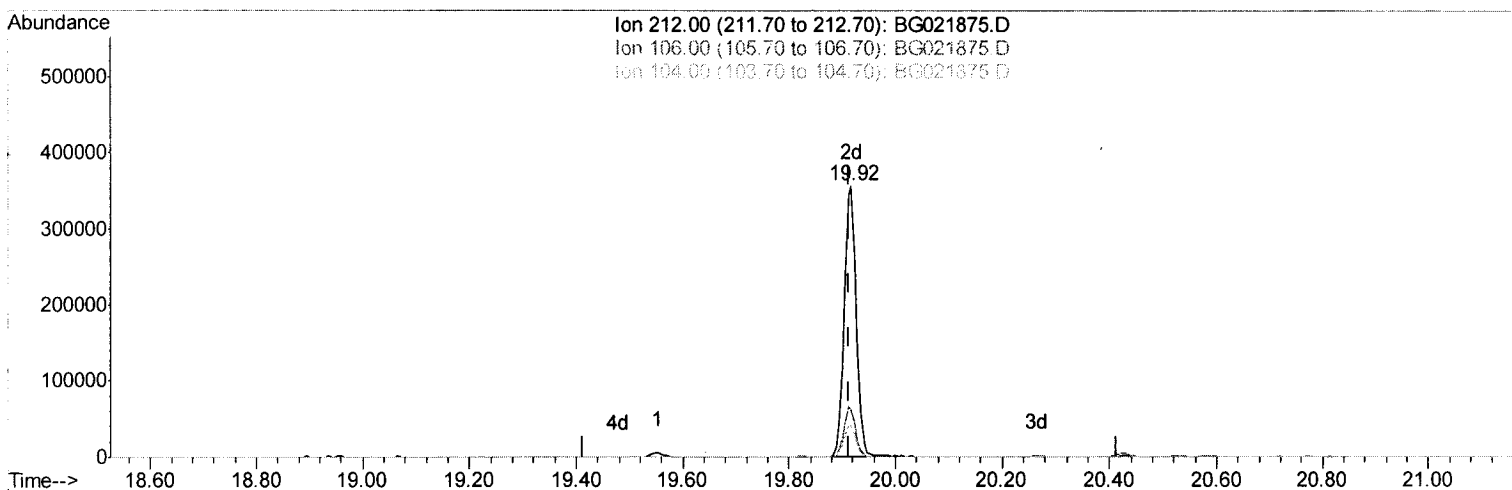
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(77) Pyrene-d10 (S)

19.918min (+0.004) 22.63ng/ul m

response 566769

Ion	Exp%	Act%
212.00	100	100
106.00	15.30	17.14
104.00	9.40	11.49#
0.00	0.00	0.00

0. m.
05/16/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	411934	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	261047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	536812	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	535170	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	540062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	6057	3.90	ng/uL	0.00
5) Phenol-d5	7.32	99	140040	25.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	62006	22.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	124398	28.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	129424	27.71	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	63451	23.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	76477m	44.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	138339	28.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	128591m	24.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	421258	22.97	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	561546	21.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	75016m	23.87	ng/ul	0.00
58) Fluorene-d10	15.79	176	382938	19.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	32889m	22.12	ng/ul	0.00
71) Anthracene-d10	17.64	188	538397	20.60	ng/ul	0.00
77) Pyrene-d10	19.92	212	566769m	22.63	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	549585	21.42	ng/ul	0.00

U.M.
 05/16/16

Target Compounds					Qvalue
45) Dimethylphthalate	14.24	163	69217	3.71 ng/ul	98
70) Phenanthrene	17.58	178	312163	10.64 ng/ul	98
72) Anthracene	17.67	178	37575	1.26 ng/ul	97
75) Fluoranthene	19.58	202	543301	16.29 ng/ul#	95
78) Pyrene	19.95	202	403498	13.03 ng/ul	97
79) Butylbenzylphthalate	20.82	149	10442	1.53 ng/ul#	78
81) Benzo(a)anthracene	21.80	228	256883	8.63 ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.69	149	62384	5.58 ng/ul	95
83) Chrysene	21.87	228	234808	7.97 ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	305286	9.88 ng/ul#	95
87) Benzo(k)fluoranthene	24.16	252	107879m	3.26 ng/ul	
89) Benzo(a)pyrene	25.01	252	202838	6.59 ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	28.98	276	132914	3.64 ng/ul#	93
91) Dibenzo(a,h)anthracene	29.03	278	41849m	1.38 ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	95986	3.19 ng/ul#	89

U.M.
 05/16/16

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