

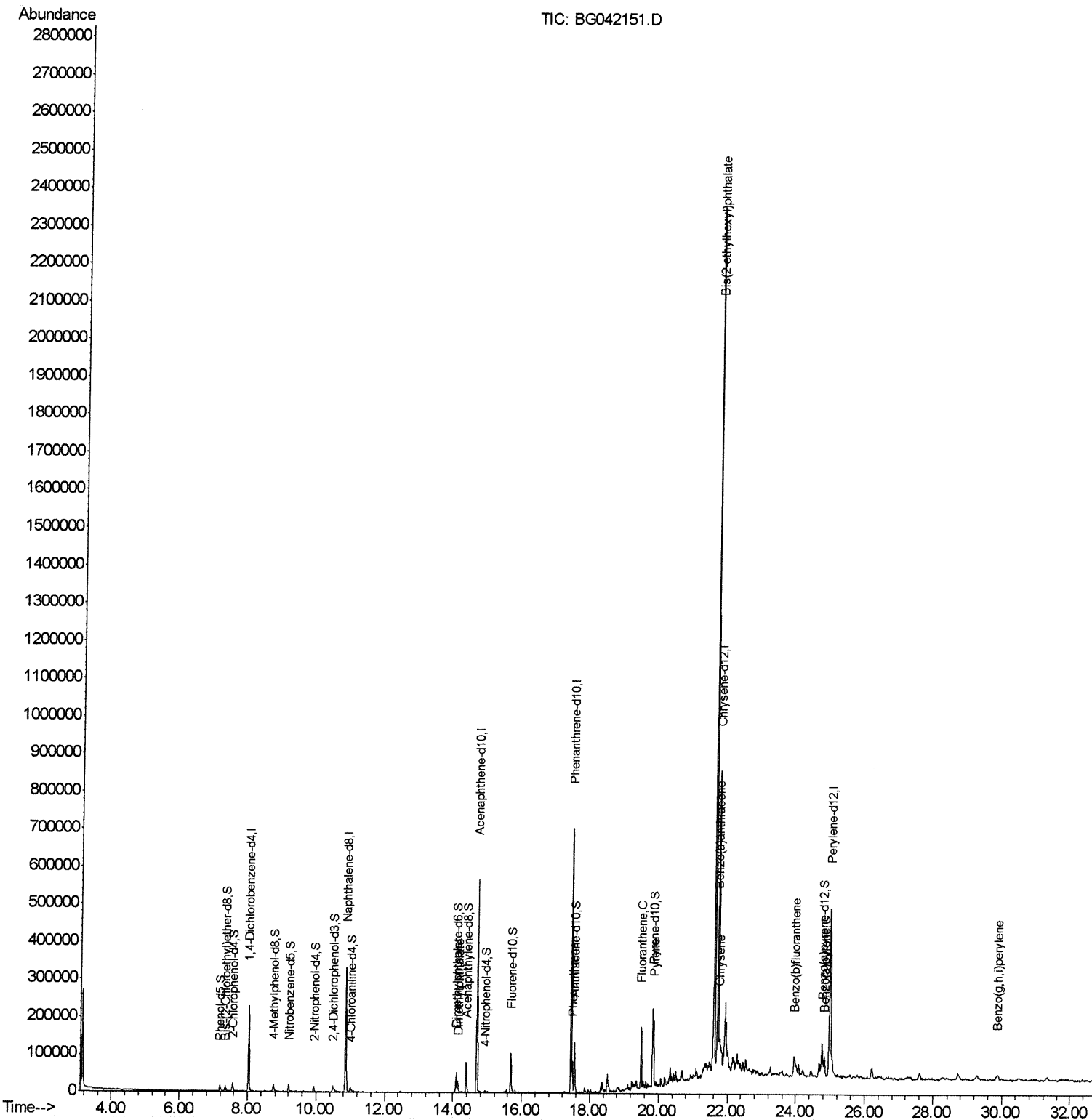
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042151.D
Acq On : 12 Aug 2019 18:22
Operator : HP/JU
Sample : K4028-03DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP69DL

Manual Integrations
APPROVED

mohammad
8/14/2019 2:50:27 AM

Quant Time: Aug 13 12:15:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration



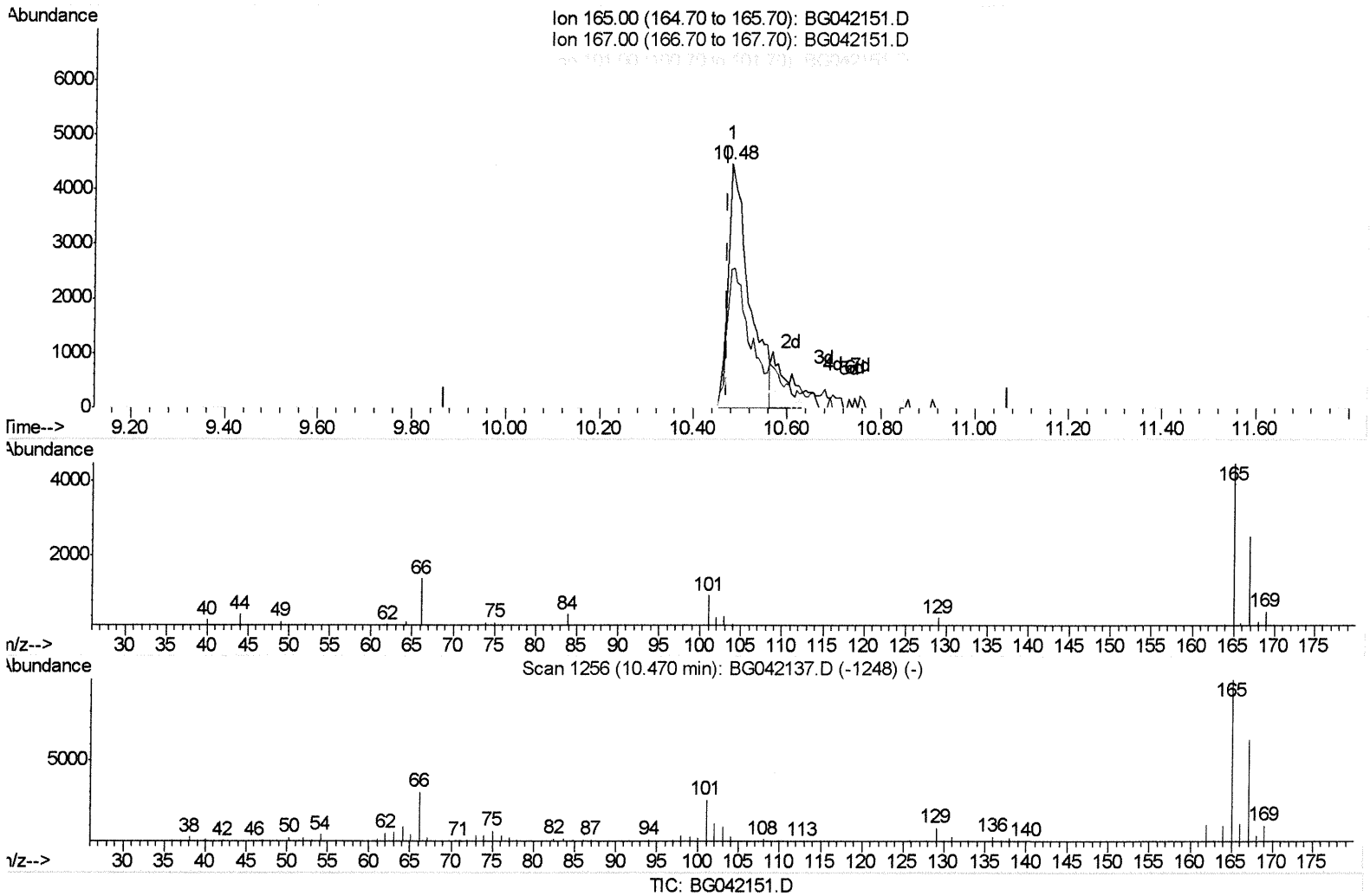
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(26) 2,4-Dichlorophenol-d3 (S)

10.480min (+0.010) 2.34ng/ul

response 14006

Ion	Exp%	Act%
165.00	100	100
167.00	63.00	56.64
101.00	29.90	21.16#
0.00	0.00	0.00

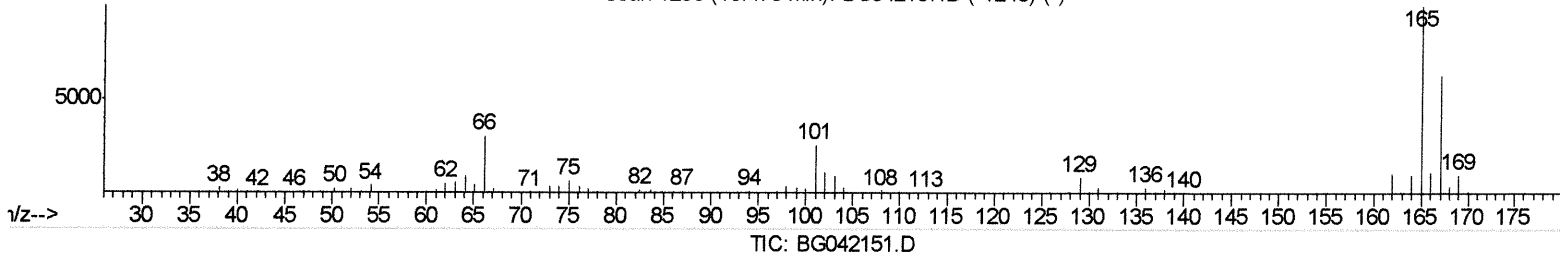
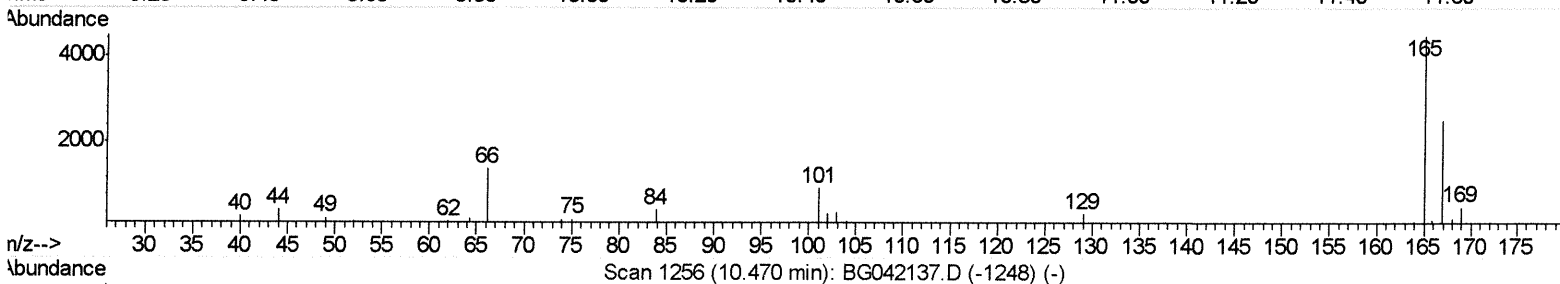
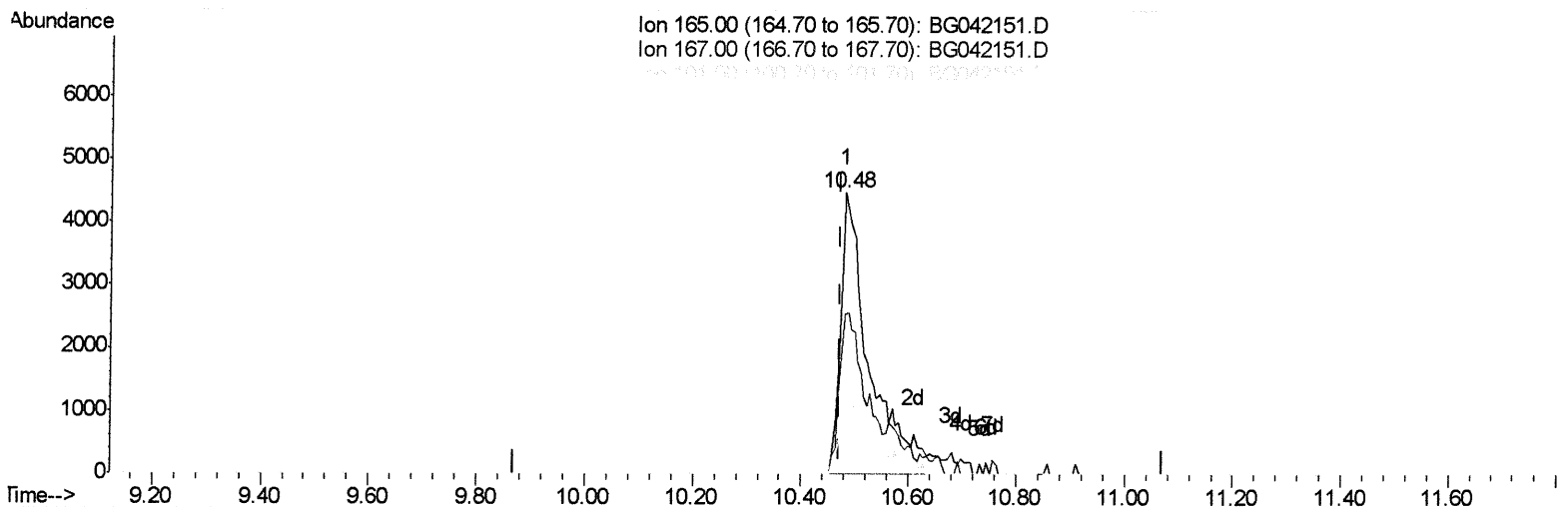
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(26) 2,4-Dichlorophenol-d3 (S)

10.480min (+0.010) 2.95ng/ul m *JU* 08/14/19

response 17613

Ion	Exp%	Act%
165.00	100	100
167.00	63.00	56.64
101.00	29.90	21.16#
0.00	0.00	0.00

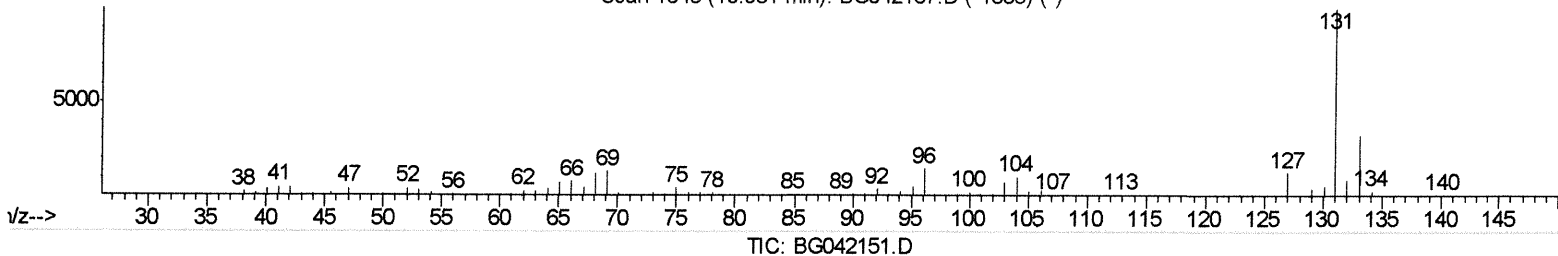
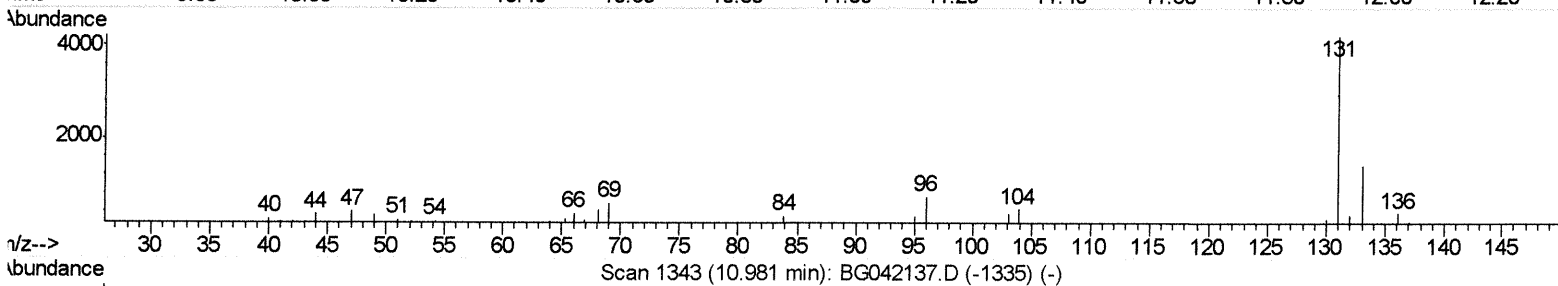
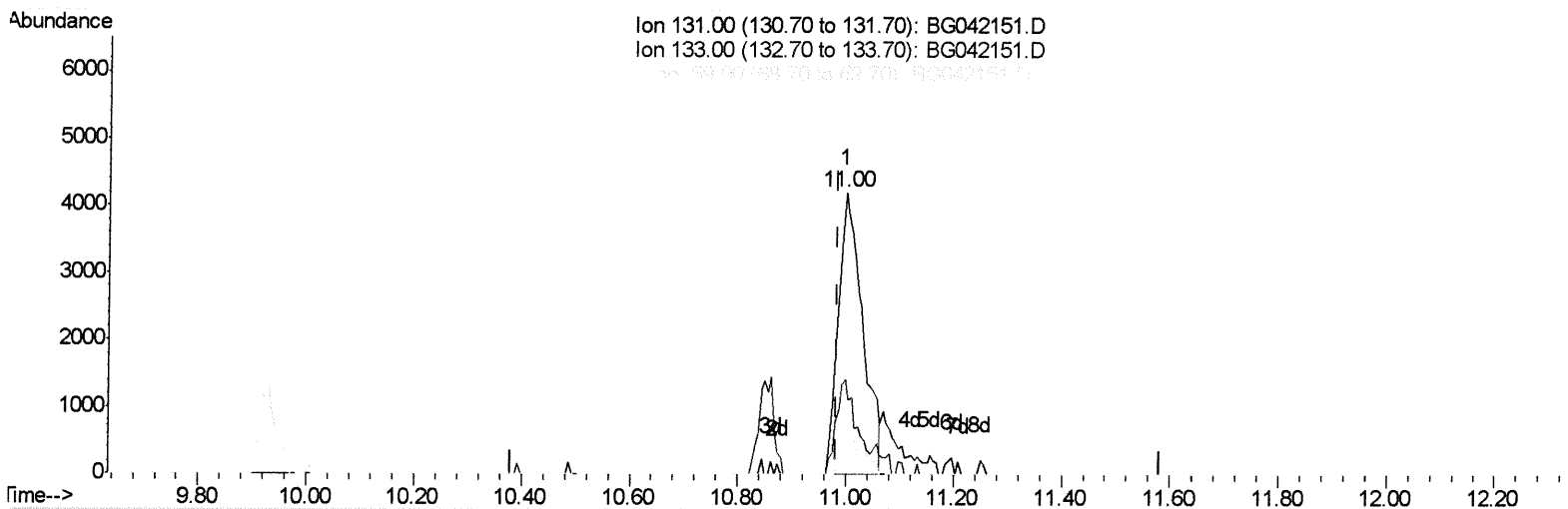
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(29) 4-Chloroaniline-d4 (S)

10.997min (+0.015) 1.99ng/ul

response 13196

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	33.79
69.00	14.40	13.84
0.00	0.00	0.00

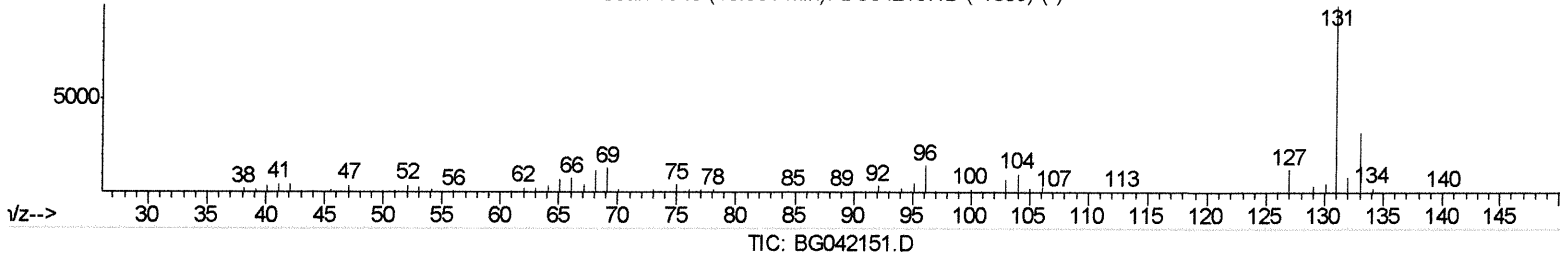
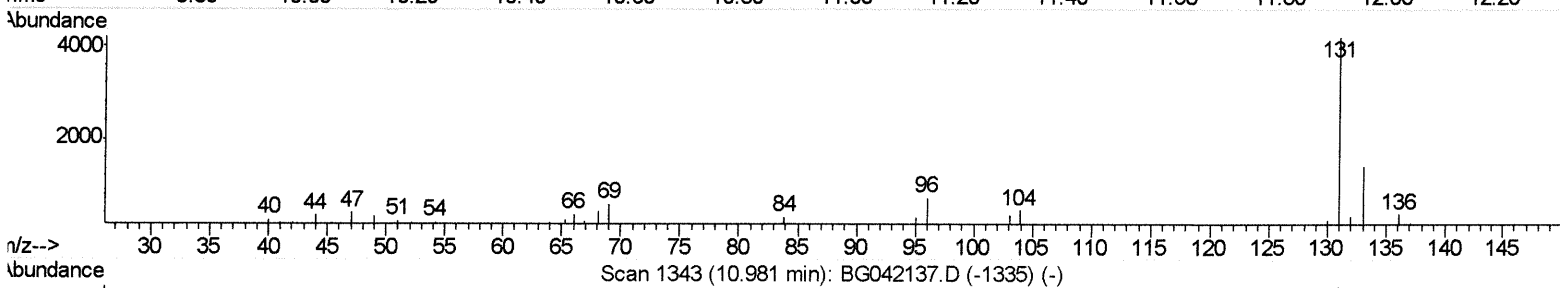
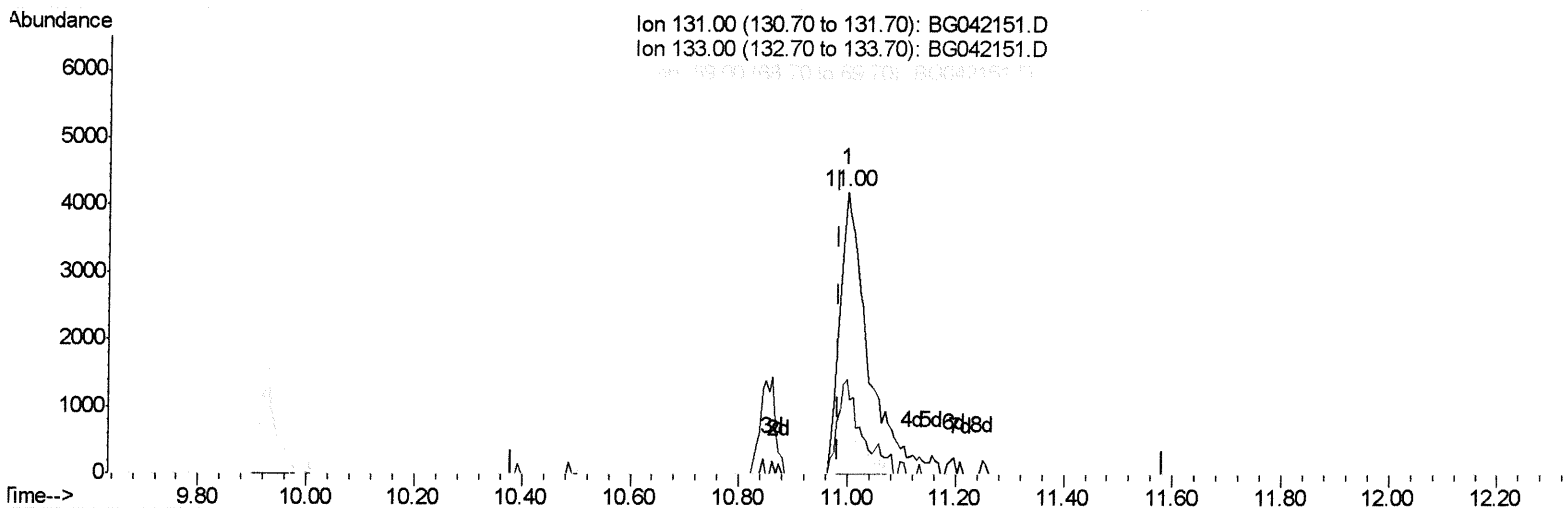
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(29) 4-Chloroaniline-d4 (S)

10.997min (+0.015) 2.34ng/ul m 08/14/19

response 15545

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	33.79
69.00	14.40	13.84
0.00	0.00	0.00

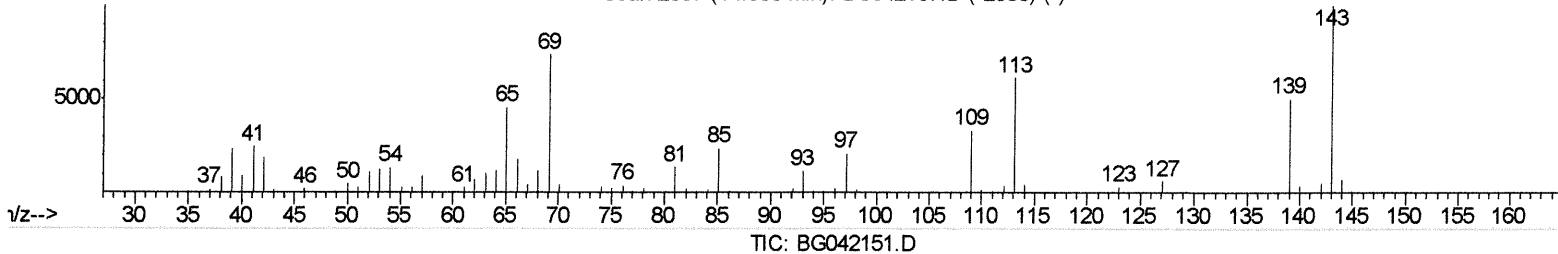
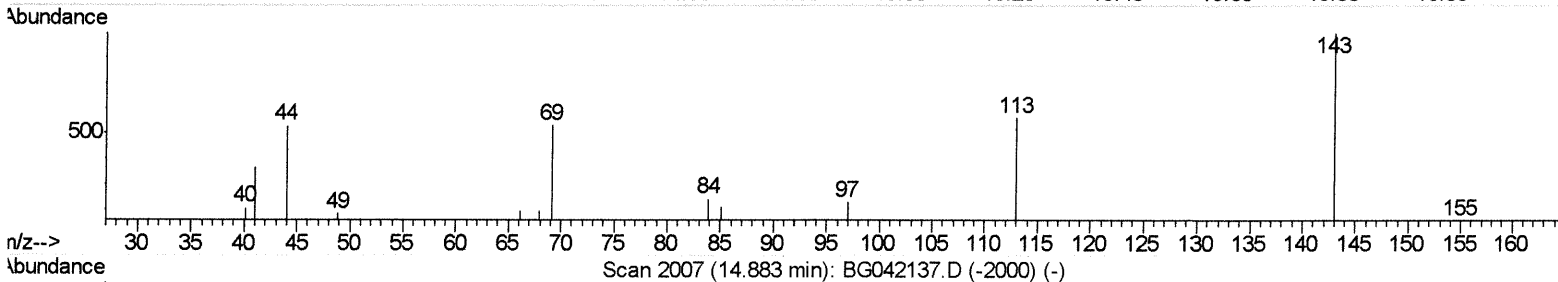
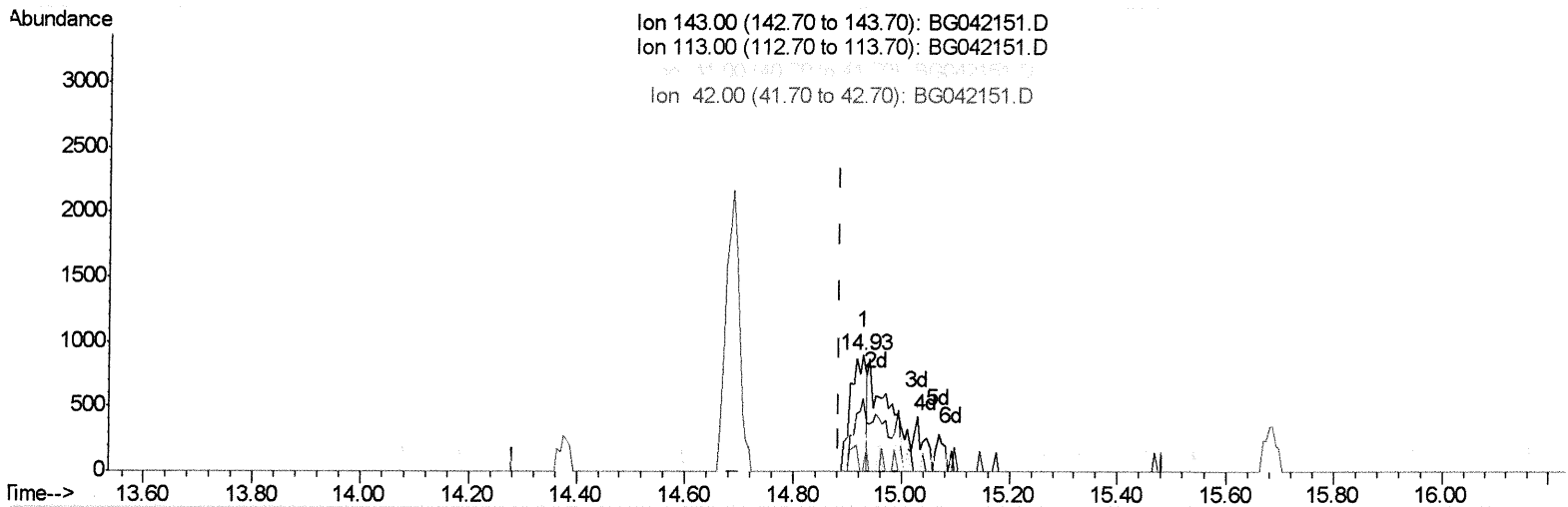
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(51) 4-Nitrophenol-d4 (S)

14.928min (+0.045) 0.58ng/ul

response 1797

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	62.57
41.00	31.00	40.89#
42.00	21.10	0.00#

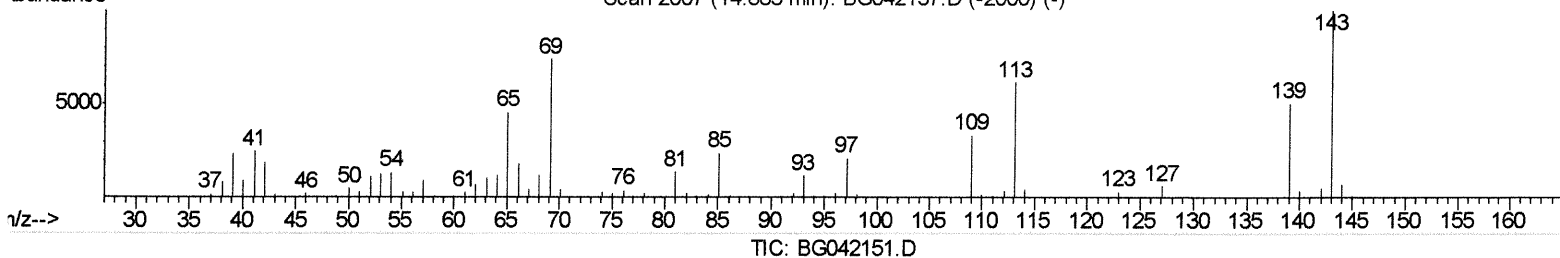
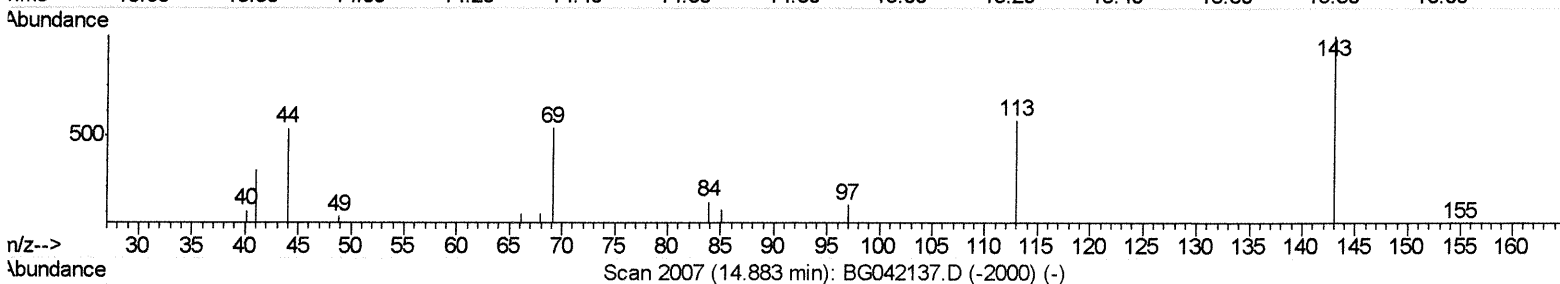
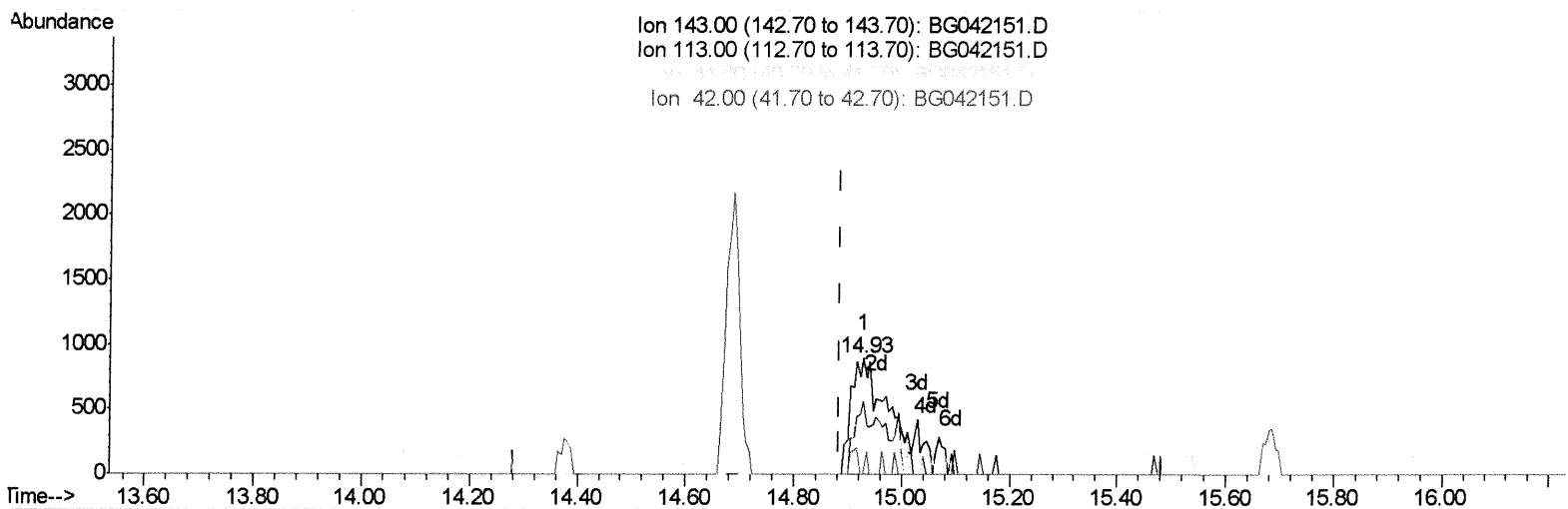
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 Data File : BG042151.D
 Acq On : 12 Aug 2019 18:22
 Operator : HP/JU
 Sample : K4028-03DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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(51) 4-Nitrophenol-d4 (S)

14.928min (+0.045) 1.52ng/ul m

JU
 08/14/19

response 4680

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	62.57
41.00	31.00	40.89#
42.00	21.10	0.00#

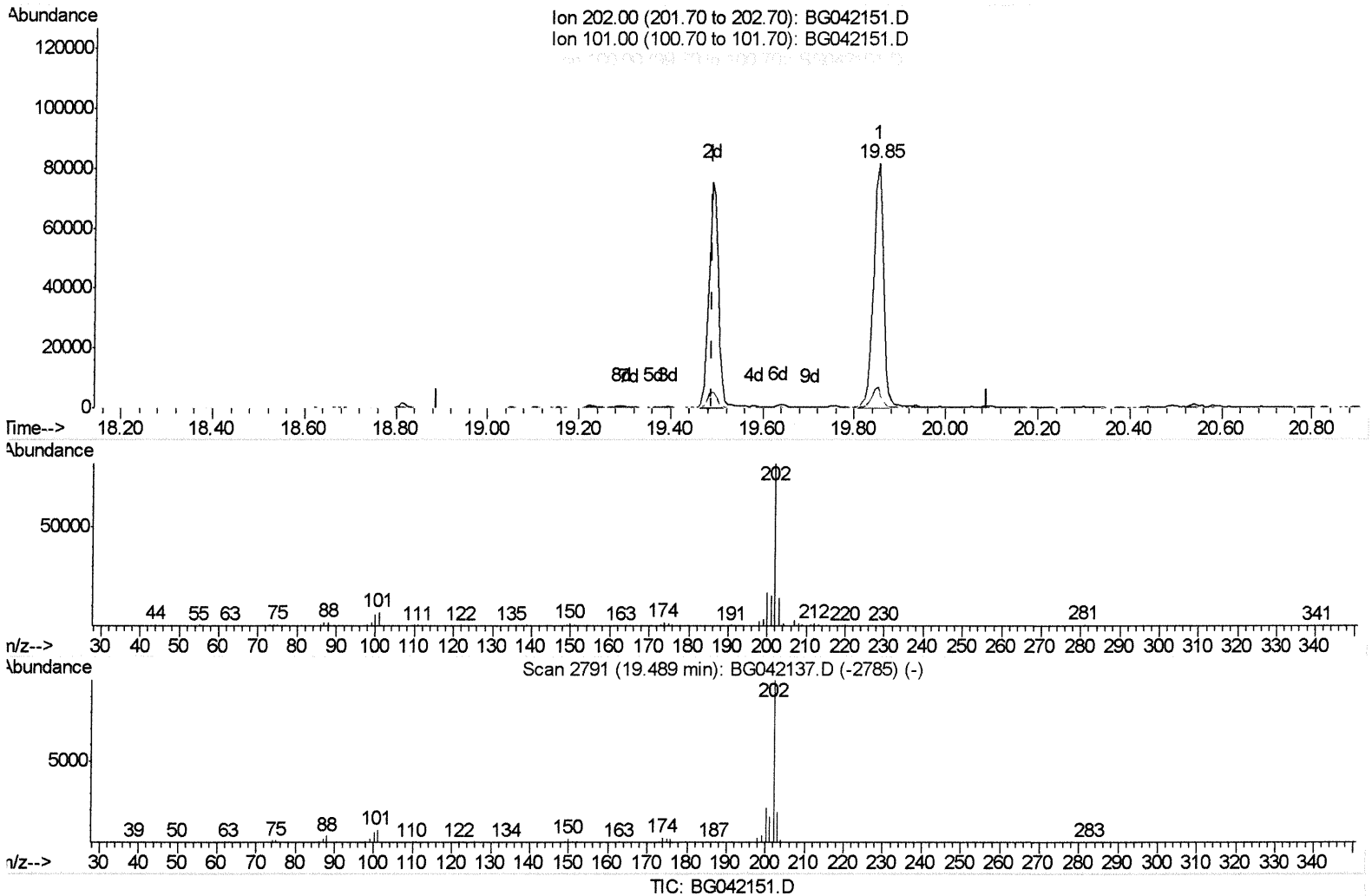
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(76) Fluoranthene (C)

19.851min (+0.362) 3.98ng/ul

response 123460

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	8.65
100.00	6.60	7.19
0.00	0.00	0.00

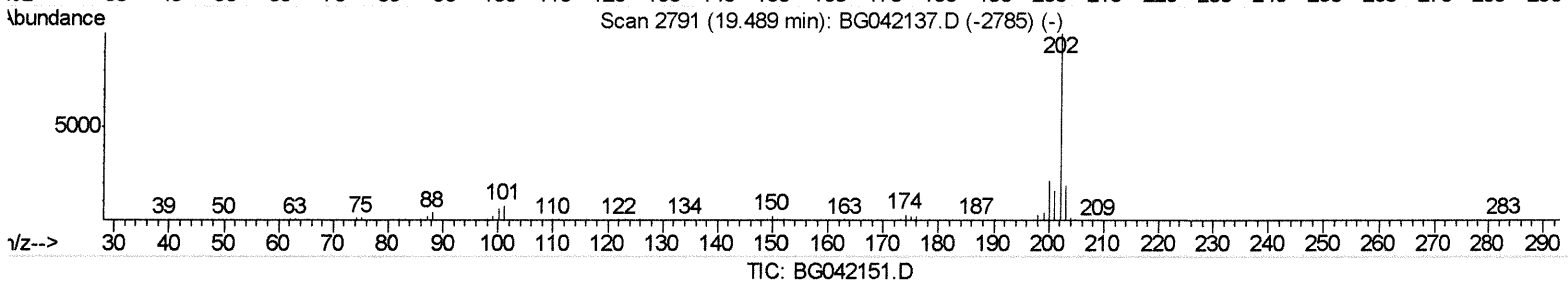
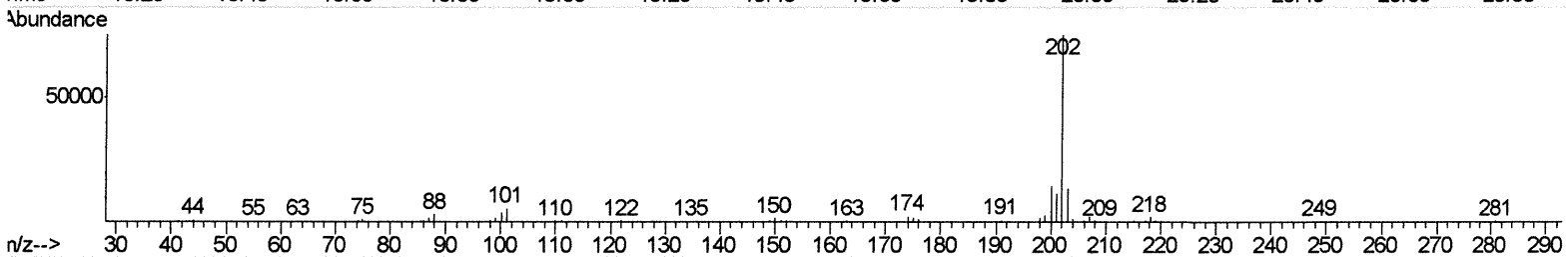
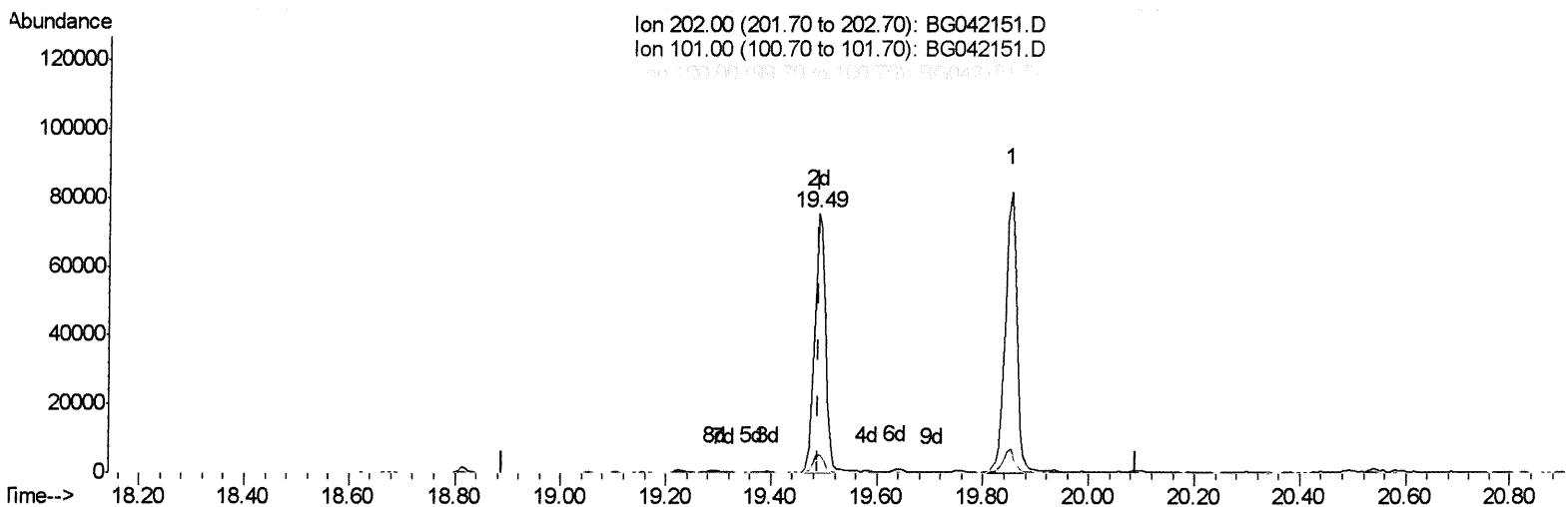
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 ALS Vial : 15 Sample Multiplier: 1

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(76) Fluoranthene (C)

19.487min (-0.002) 3.63ng/ul m

JU
 08/14/19

response 112646

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.13
100.00	6.60	5.24#
0.00	0.00	0.00

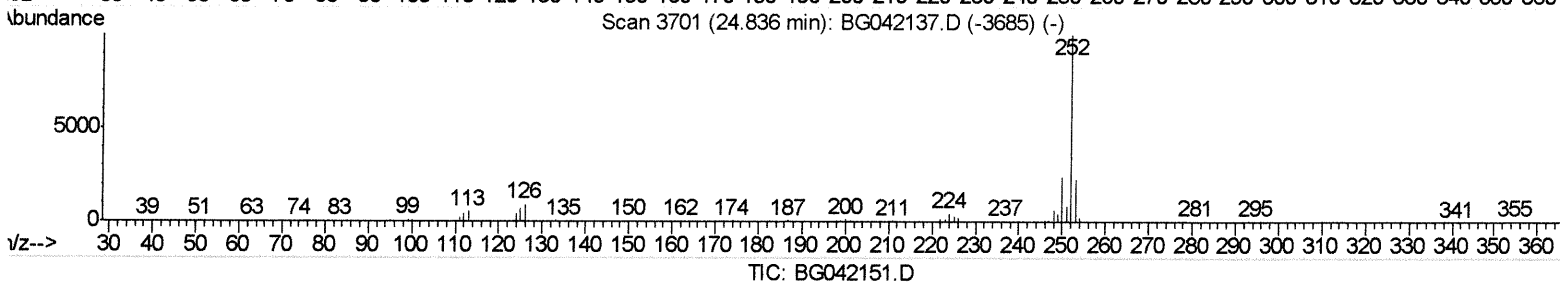
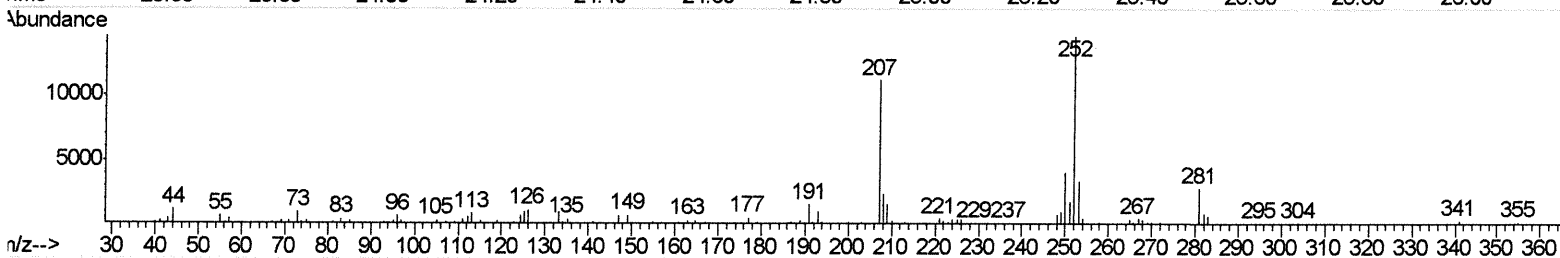
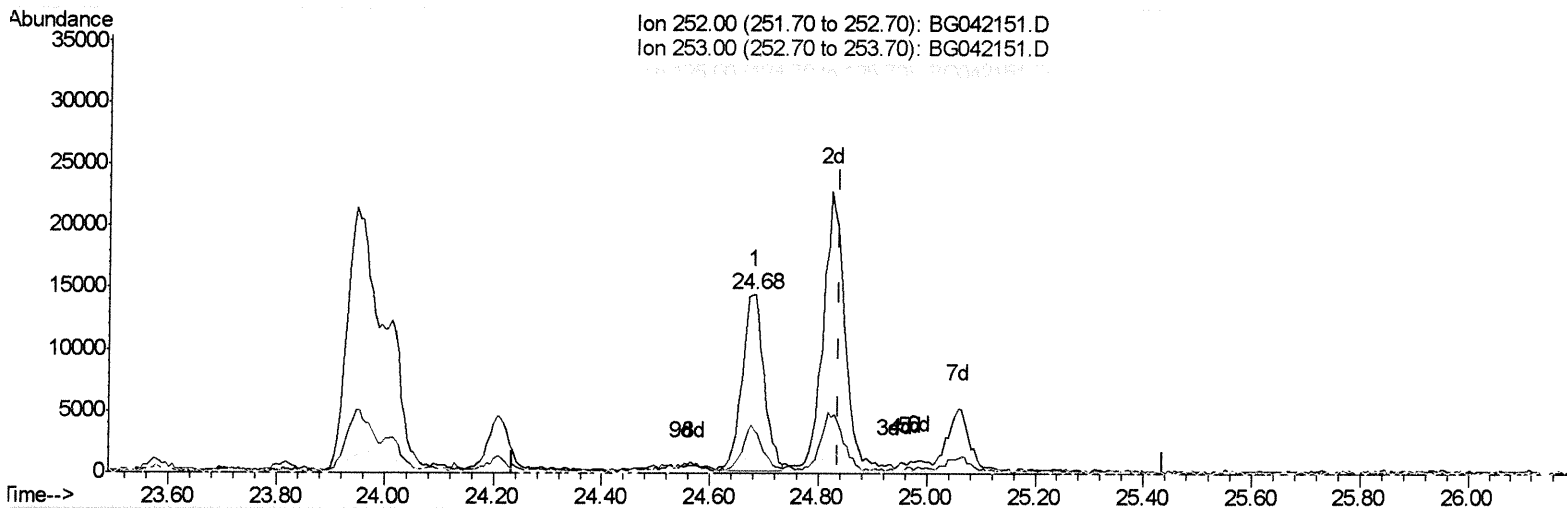
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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(90) Benzo(a)pyrene (C)

24.681min (-0.155) 1.28ng/ul

response 41267

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	23.31
125.00	8.10	7.43
0.00	0.00	0.00

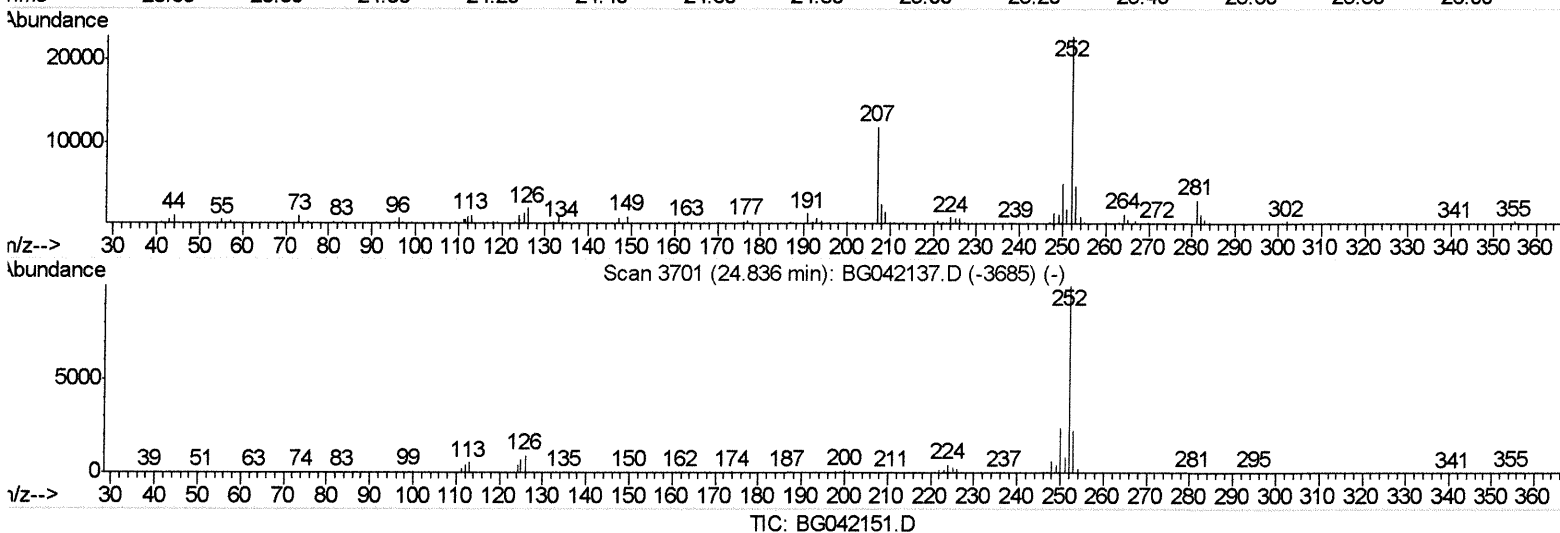
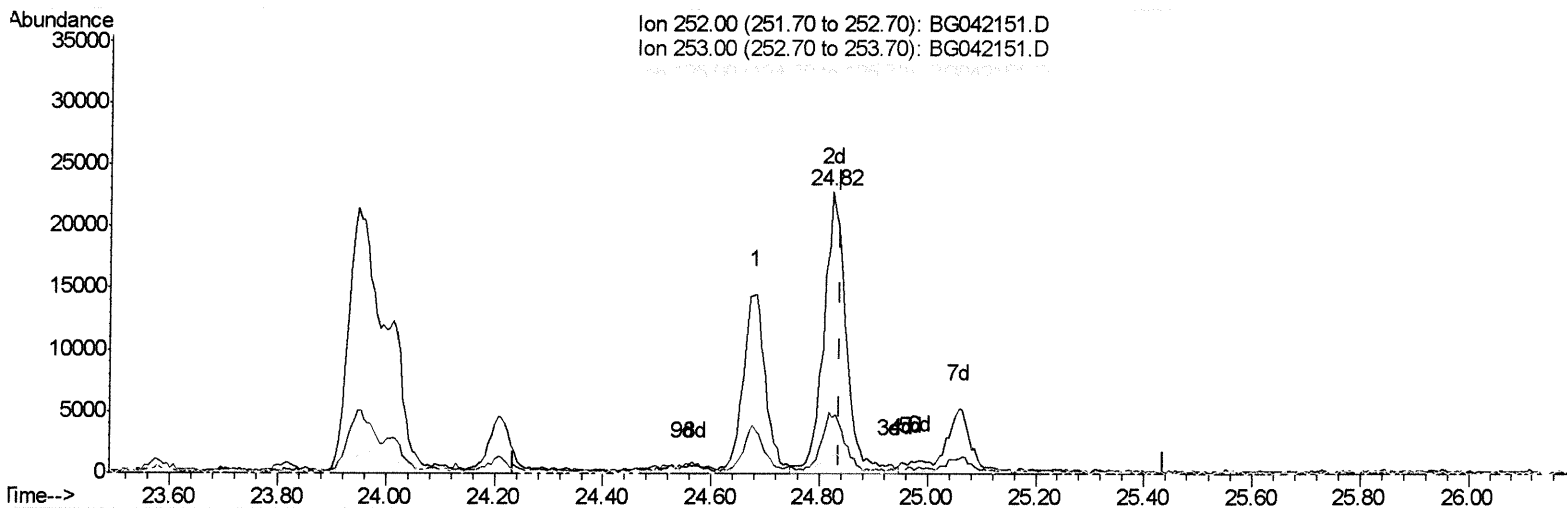
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(90) Benzo(a)pyrene (C) JU
 24.822min (-0.014) 2.06ng/ul m 08/14/19

response 66352

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	20.11
125.00	8.10	6.12#
0.00	0.00	0.00

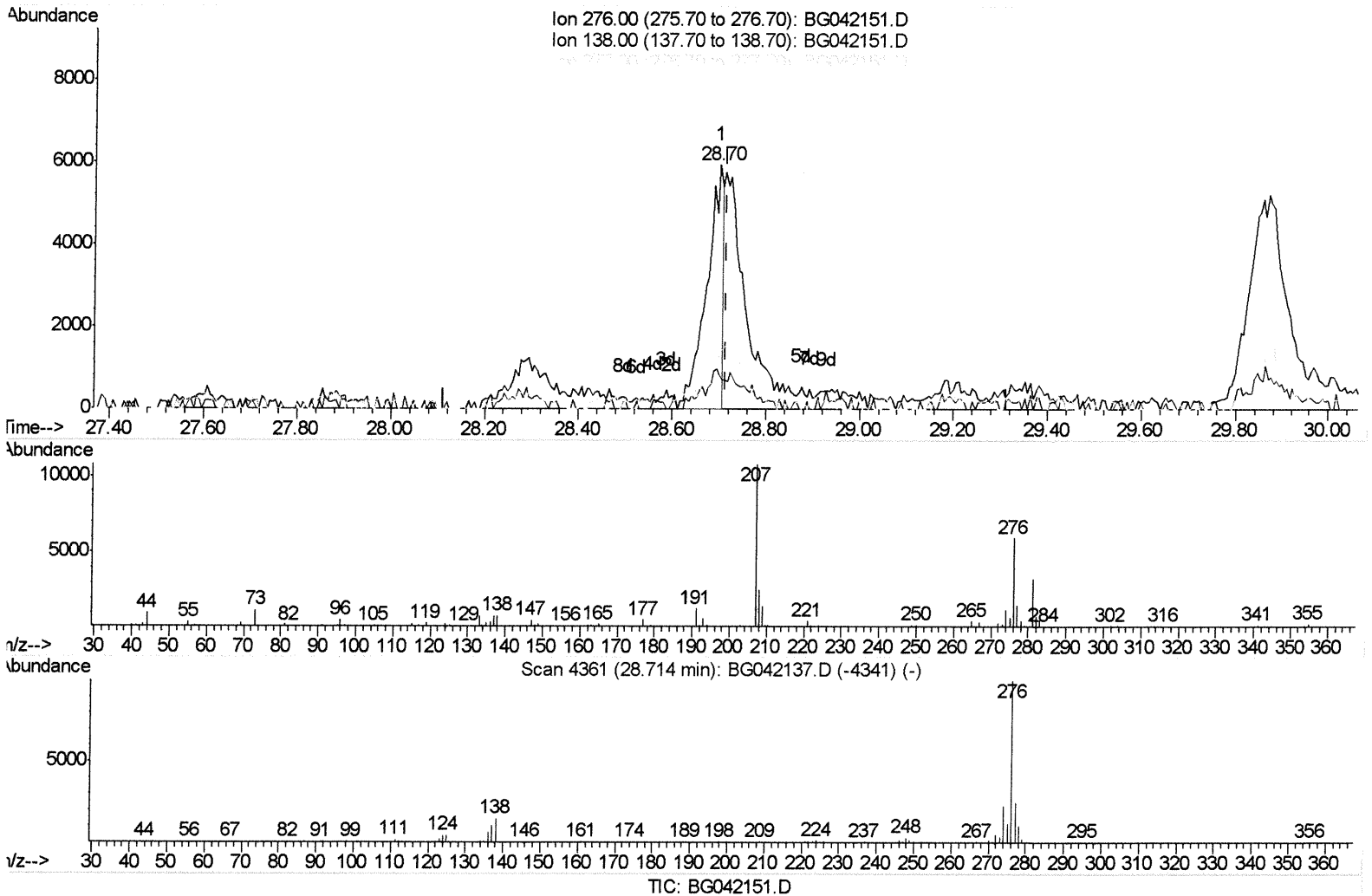
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(91) Indeno(1,2,3-cd)pyrene

28.700min (-0.014) 0.39ng/ul

response 14631

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	14.24
277.00	24.00	25.45
0.00	0.00	0.00

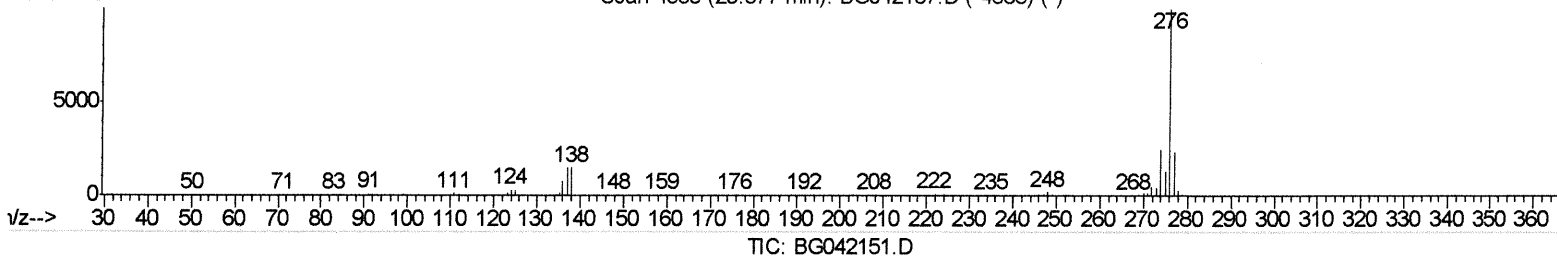
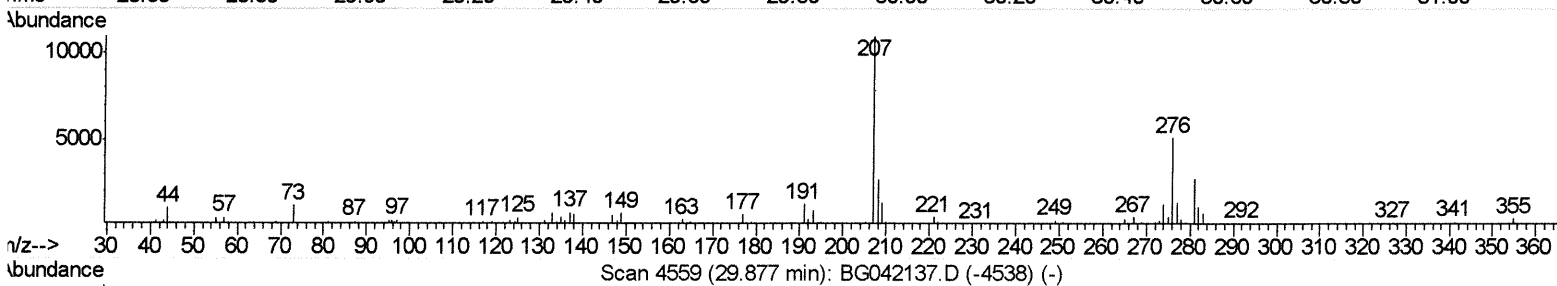
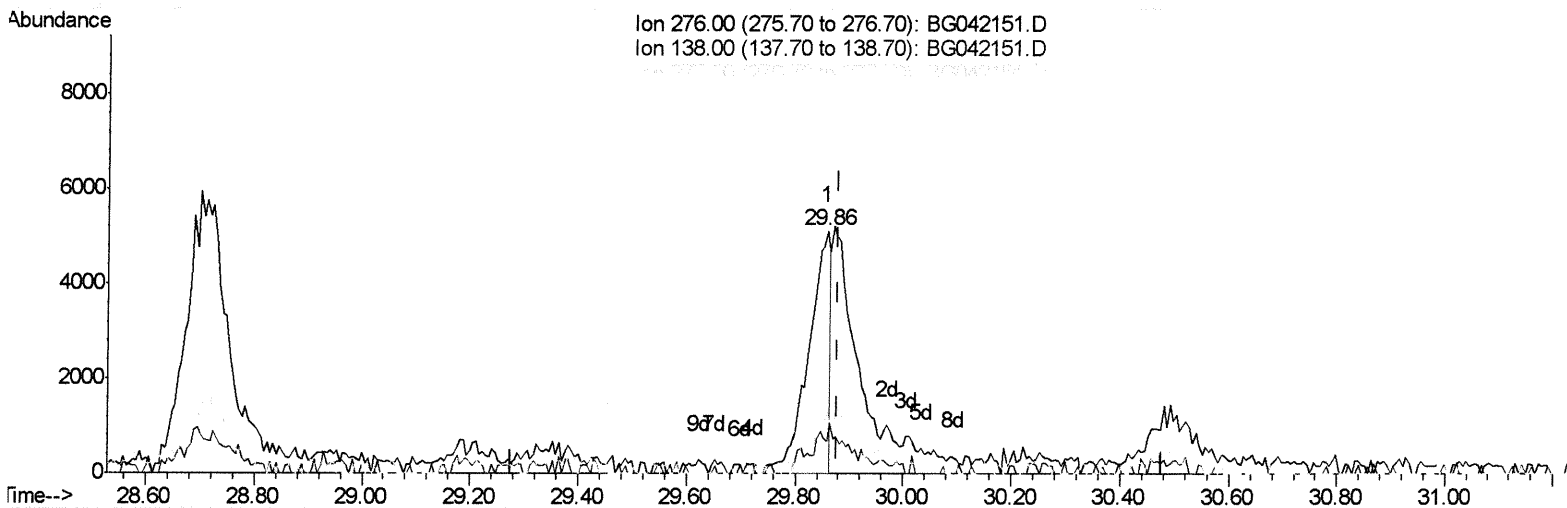
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(93) Benzo(g,h,i)perylene

29.857min (-0.020) 0.46ng/ul

response 14410

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	13.46
277.00	24.00	26.50
0.00	0.00	0.00

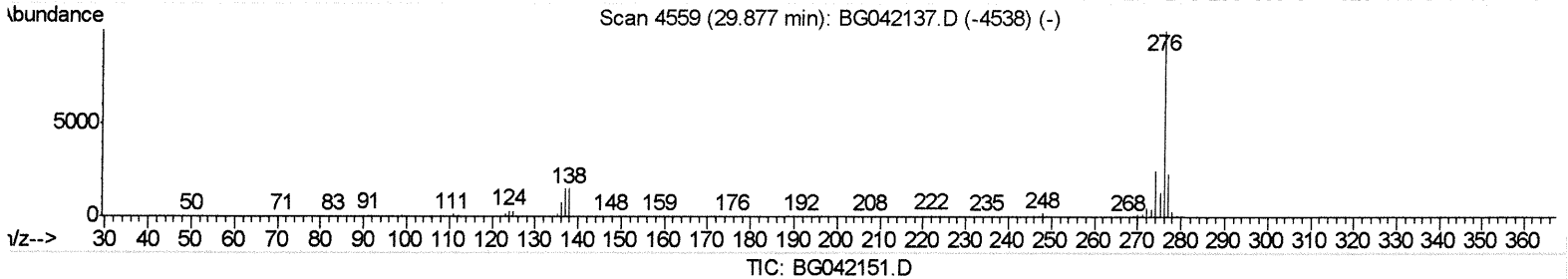
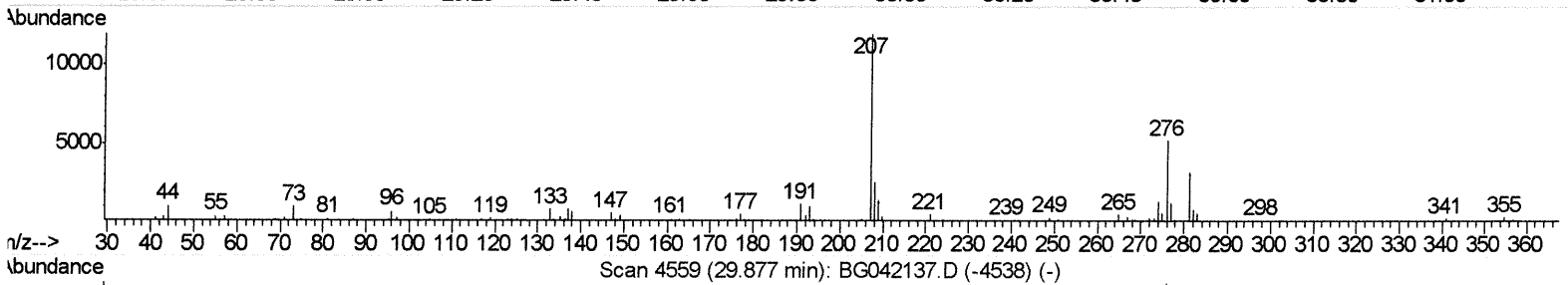
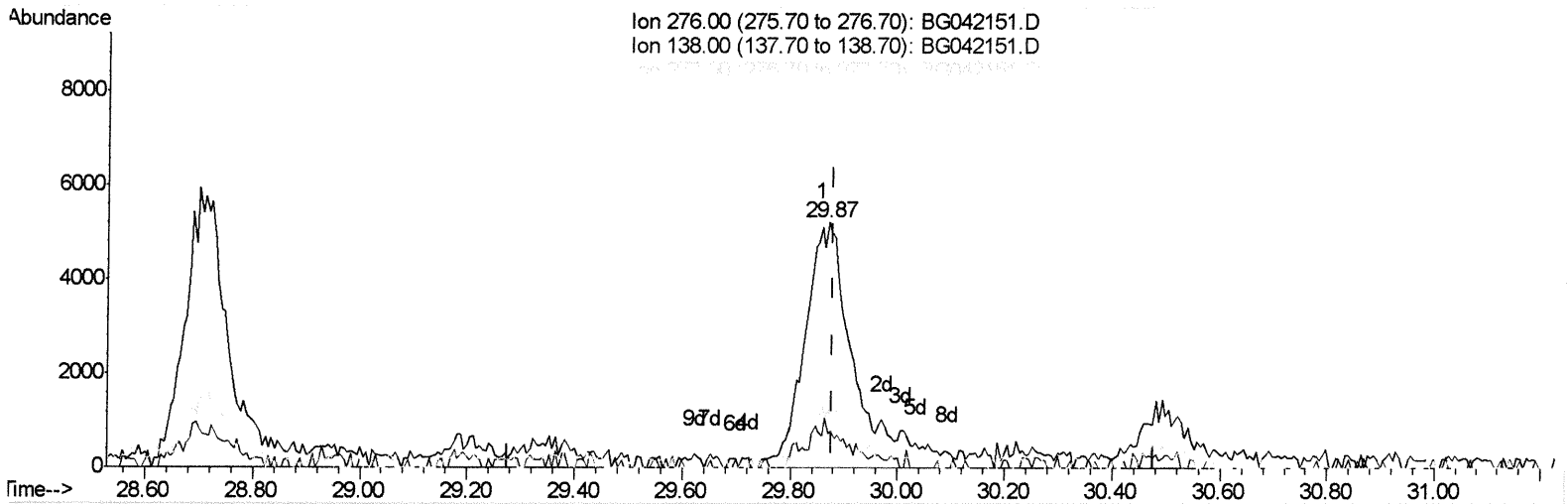
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(93) Benzo(g,h,i)perylene

29.869min (-0.008) 1.12ng/ul m *JU 08/14/19*

response 35219

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	13.83
277.00	24.00	24.08
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	8.02	152	81364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	338604	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	236672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	490181	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	478834	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	538541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	626	0.34	ng/uL	0.00
5) Phenol-d5	7.18	99	15394	2.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	8344	2.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	15100	2.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	11591	2.16	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	7551	2.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	8050	2.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	17613m →	2.95	ng/ul > } Ju 08/14/19	0.00
29) 4-Chloroaniline-d4	11.00	131	15545m →	2.34	ng/ul > }	0.02
43) Dimethylphthalate-d6	14.09	166	55825	3.04	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	69526	3.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.93	143	4680m →	1.52	ng/ul > } Ju 08/14/19	0.04
57) Fluorene-d10	15.68	176	54597	3.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	3033	0.96	ng/ul	0.00
70) Anthracene-d10	17.54	188	90283	3.84	ng/ul	0.00
78) Pyrene-d10	19.82	212	104431	3.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	109632	3.90	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	14.13	163	29728	1.631	ng/ul	97
69) Phenanthrene	17.48	178	53306	1.986	ng/ul	98
76) Fluoranthene	19.49	202	112646m →	3.633	ng/ul > } Ju 08/14/19	98
79) Pyrene	19.85	202	123460	3.833	ng/ul	98
82) Benzo(a)anthracene	21.70	228	75702	2.280	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	1139916	65.899	ng/ul	96
84) Chrysene	21.76	228	76915	2.482	ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	72320	2.140	ng/ul	99
90) Benzo(a)pyrene	24.82	252	66352m →	2.060	ng/ul > } Ju 08/14/19	99
93) Benzo(g,h,i)perylene	29.87	276	35219m →	1.123	ng/ul > }	99

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