

(QT Reviewed)

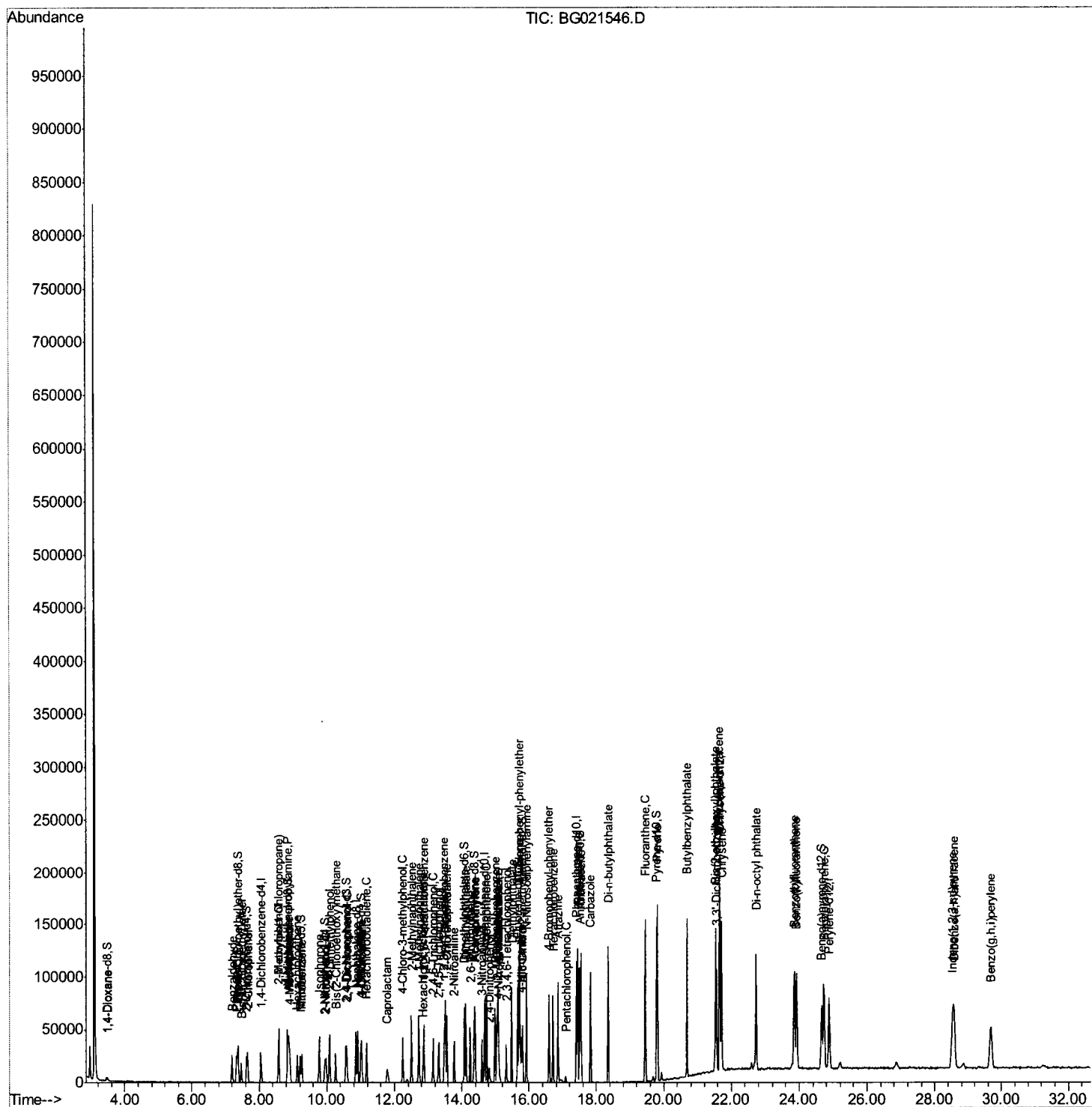
```
Data Path   : Z:\HPCHEM1\BNA_G\DATA\BG032816\  
Data File  : BG021546.D  
Acq On     : 29 Mar 2016    5:22  
Operator   : UM/SJ  
Sample     : SSTDCCC020EC  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations

Sohil
3/29/2016 5:06:57 PM

Quant Time: Mar 29 06:43:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 29 02:01:55 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

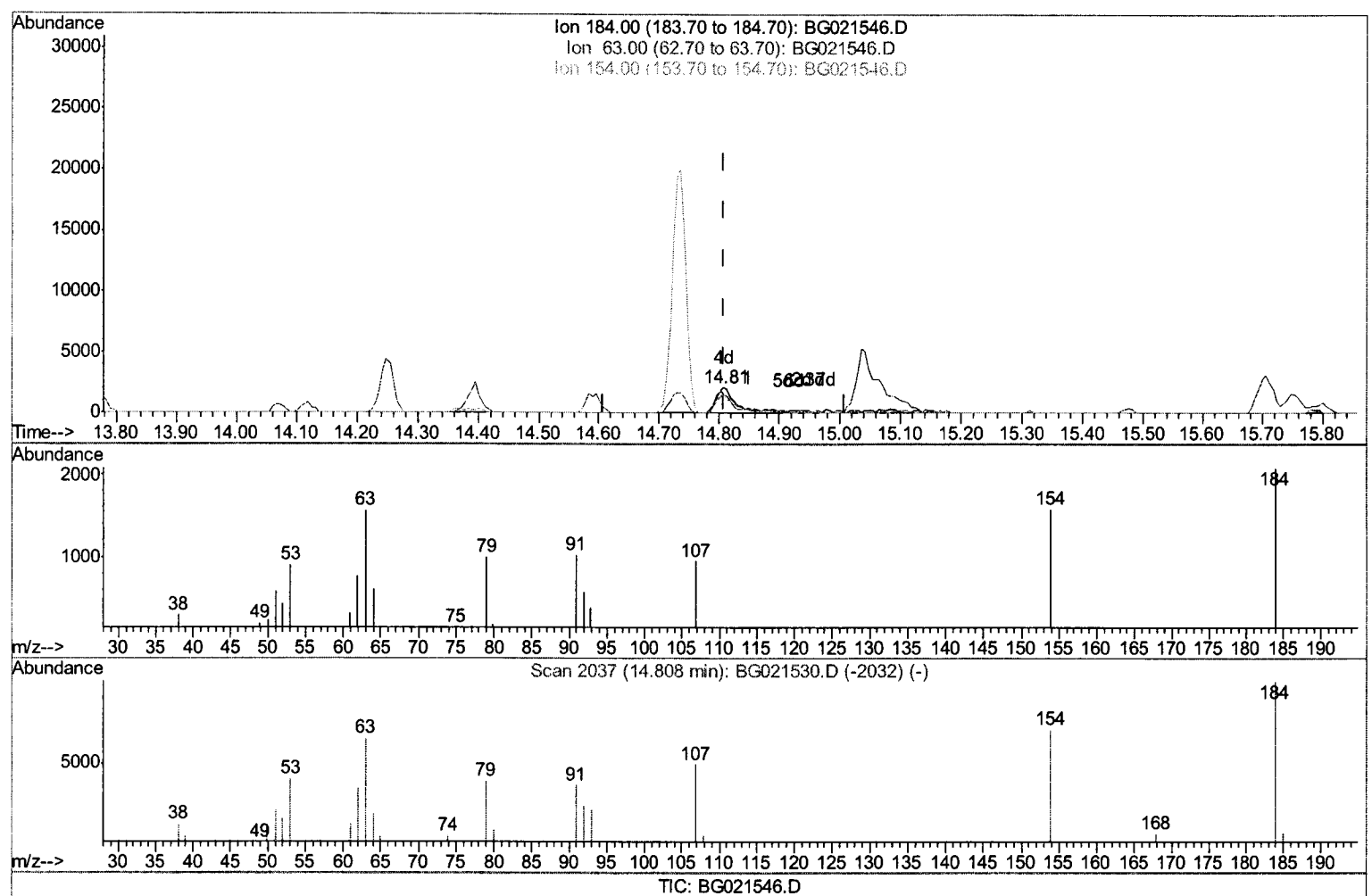
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(51) 2,4-Dinitrophenol

14.807min (-0.001) 17.57ng/ul m U M

response 4174

04/05/15

Ion	Exp%	Act%
184.00	100	100
63.00	94.60	75.46#
154.00	74.30	76.13
0.00	0.00	0.00

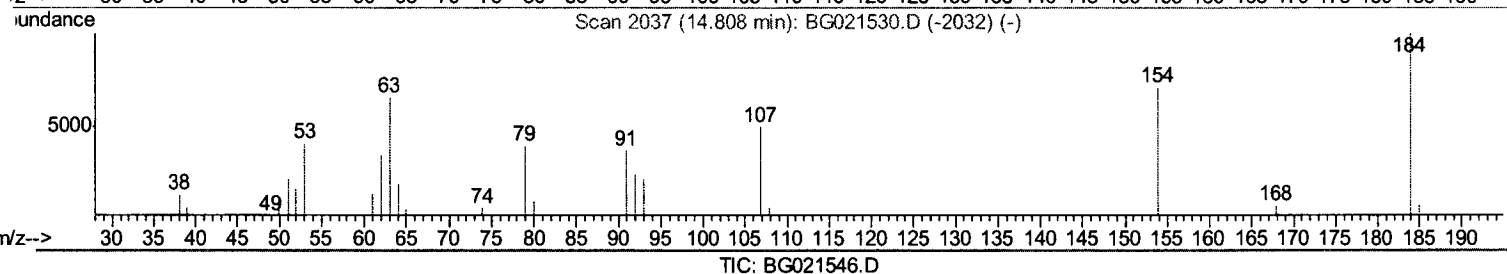
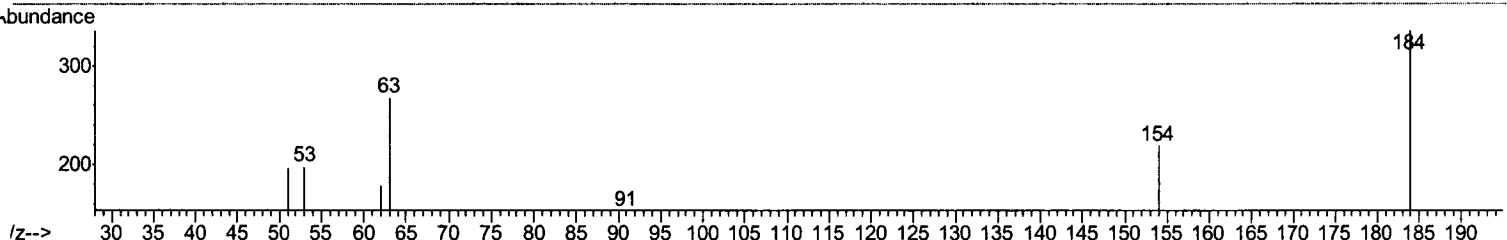
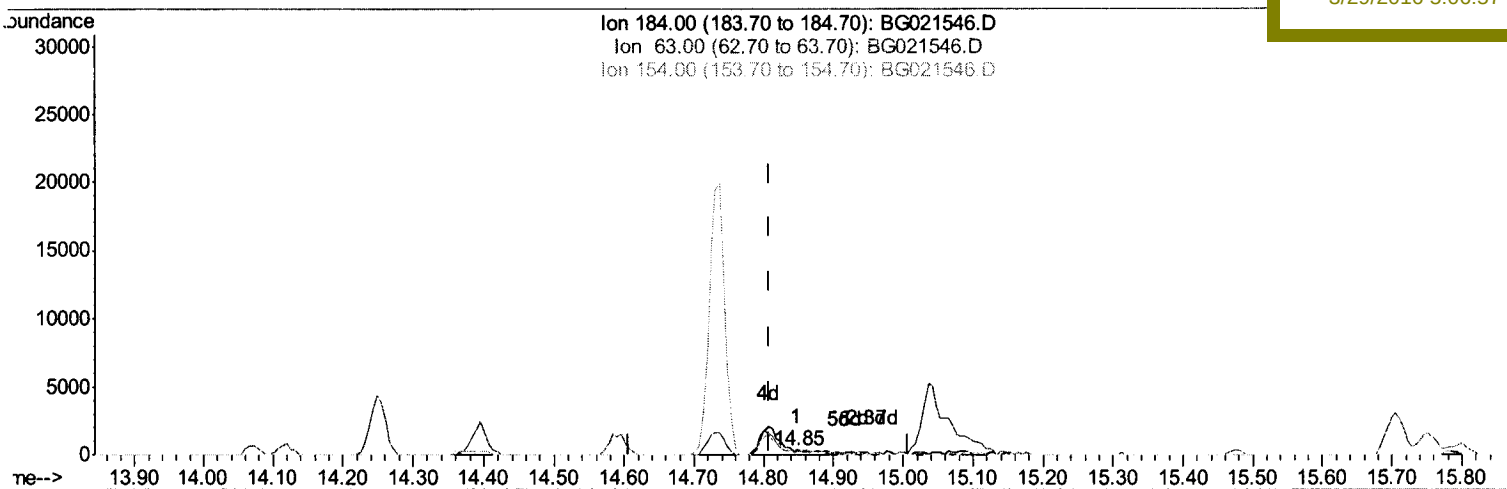
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(51) 2,4-Dinitrophenol

14.848min (+0.040) 0.35ng/ul

response 82

Ion	Exp%	Act%
184.00	100	100
63.00	94.60	79.76
154.00	74.30	65.48
0.00	0.00	0.00

Quantitation Report (Qedit)

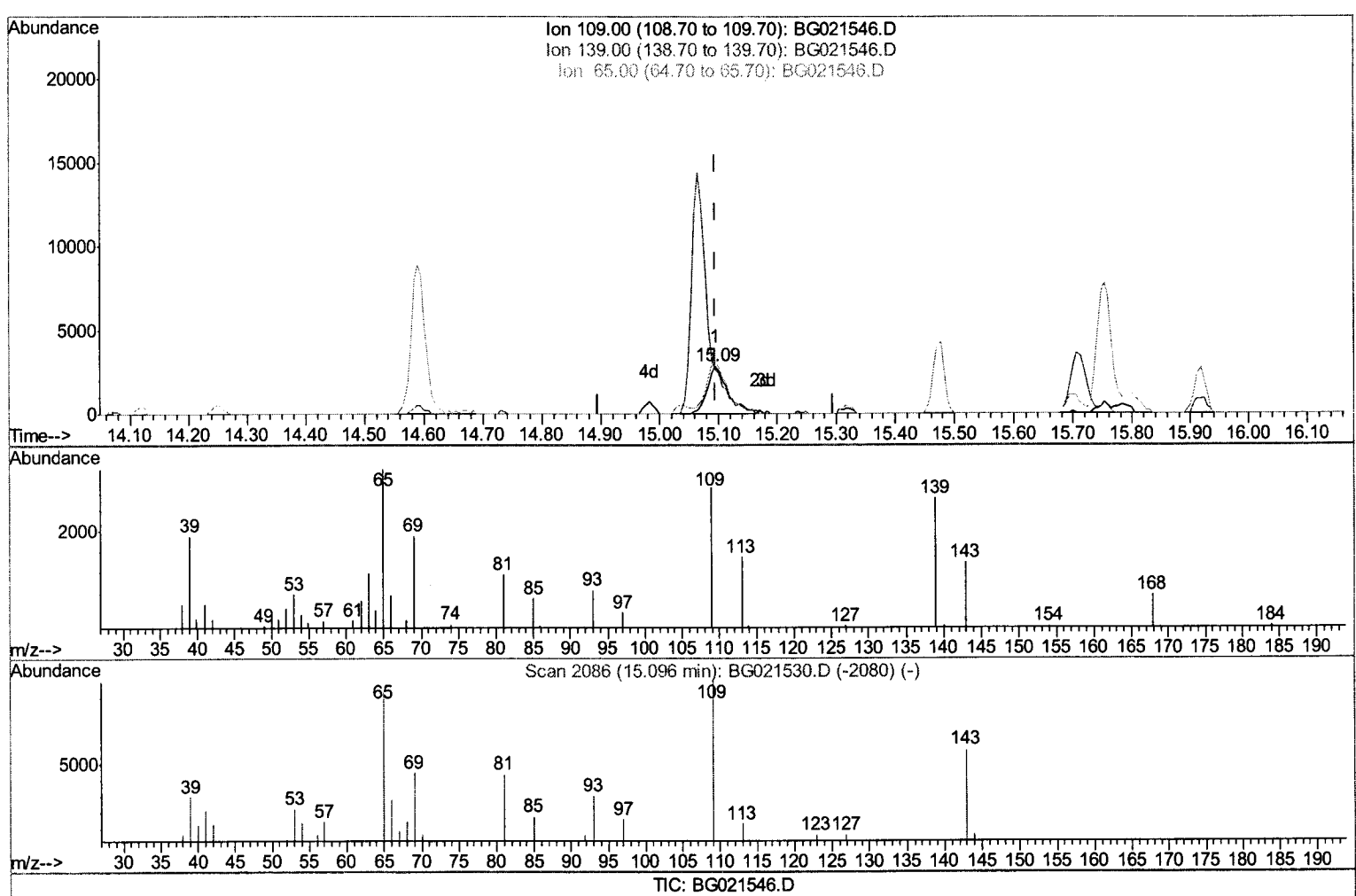
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(53) 4-Nitrophenol

15.095min (-0.001) 18.23ng/ul m U.M
 response 6724 04/05/16

Ion	Exp%	Act%
109.00	100	100
139.00	94.90	92.33
65.00	124.80	112.26
0.00	0.00	0.00

Quantitation Report (Qedit)

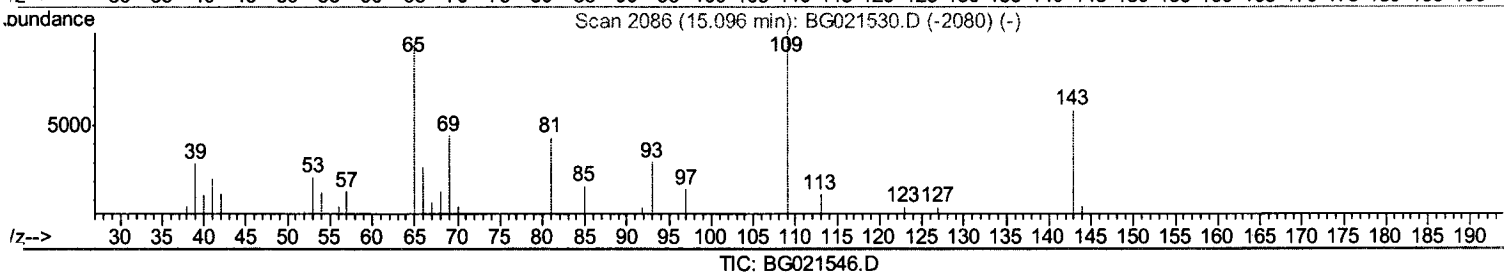
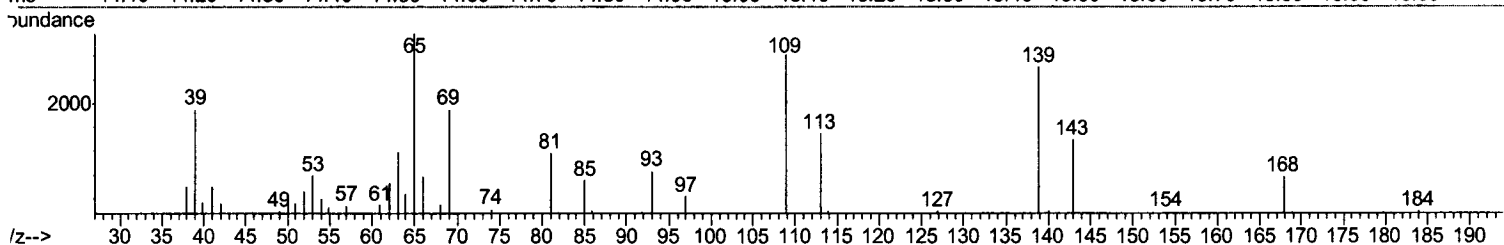
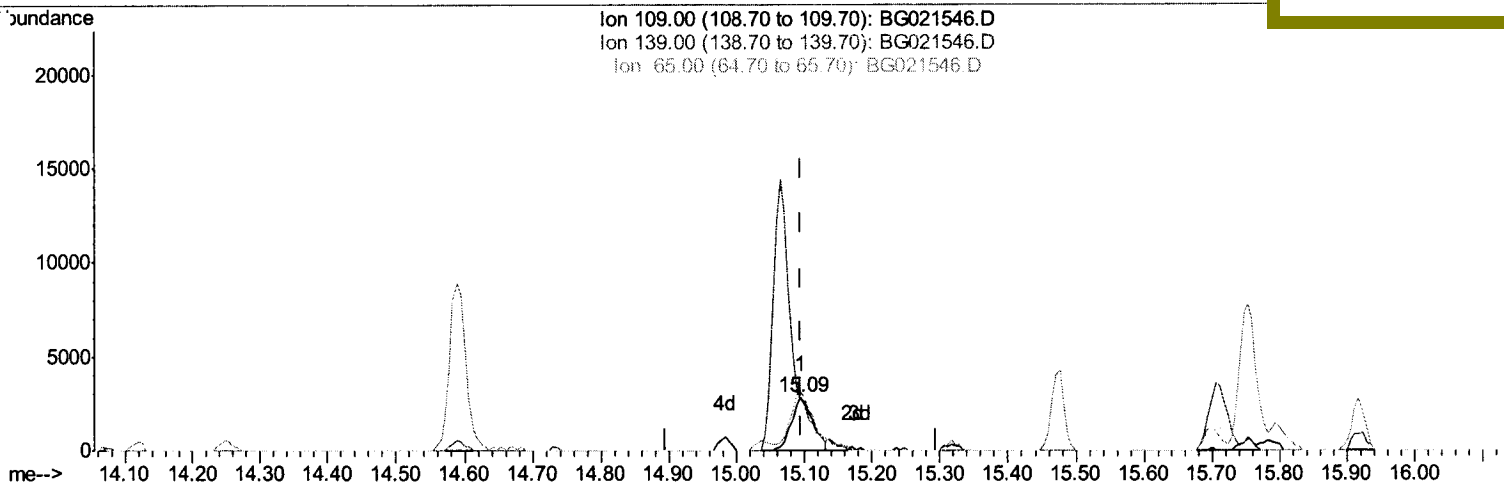
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(53) 4-Nitrophenol

15.095min (-0.001) 16.66ng/ul

response 6143

Ion	Exp%	Act%
109.00	100	100
139.00	94.90	92.33
65.00	124.80	112.26
0.00	0.00	0.00

Quantitation Report (Qedit)

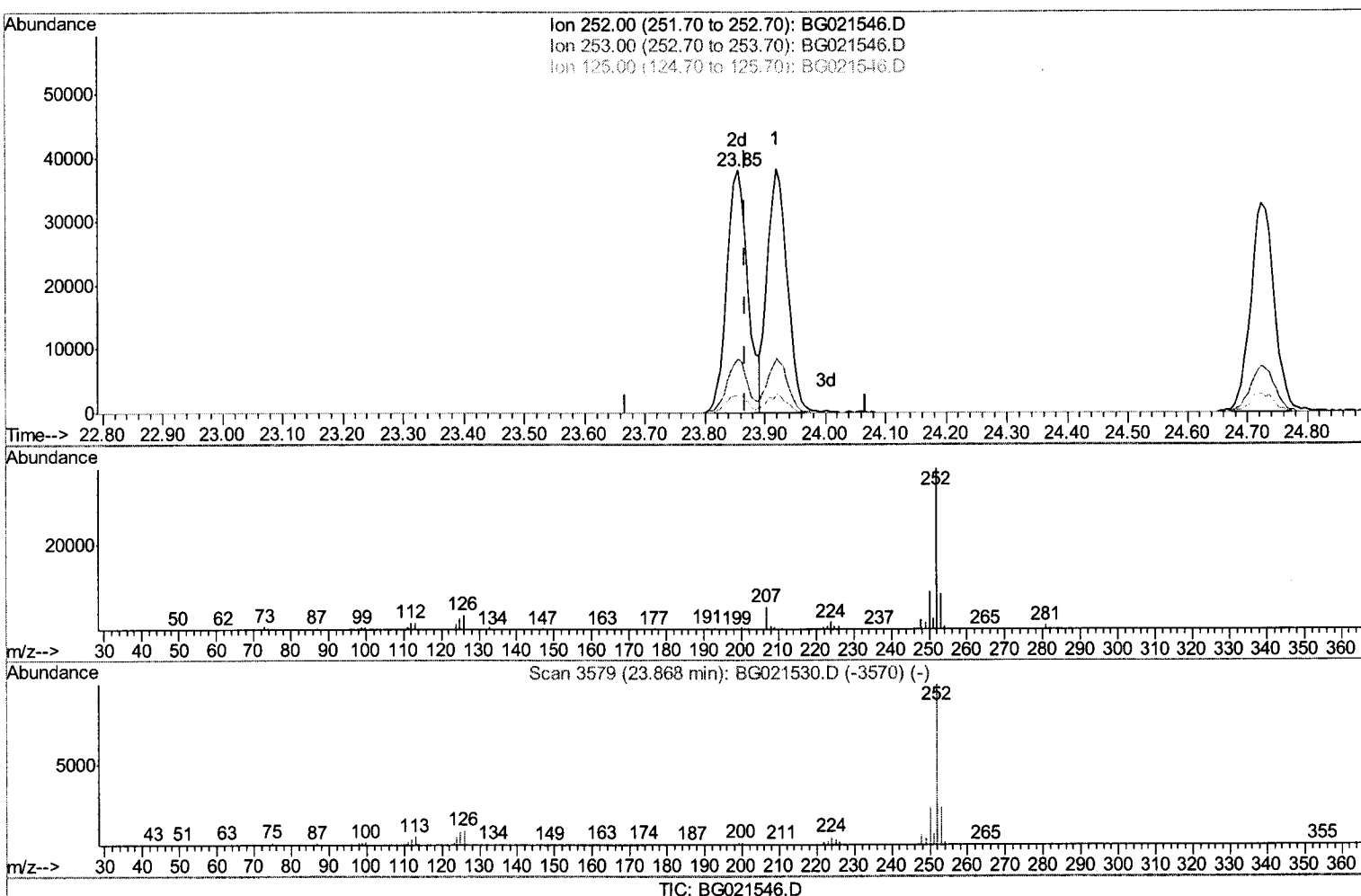
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(88) Benzo(b)fluoranthene

23.855min (-0.013) 19.21ng/ul m U.M

response 92636

04/05/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	21.96
125.00	9.50	7.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

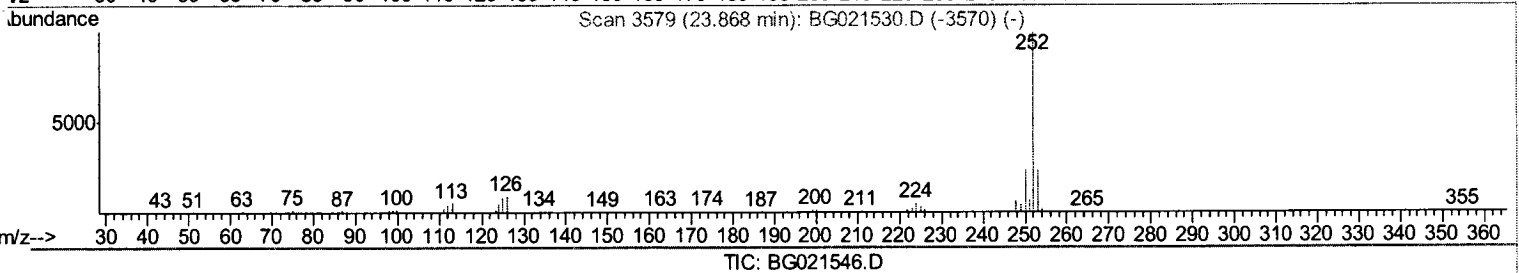
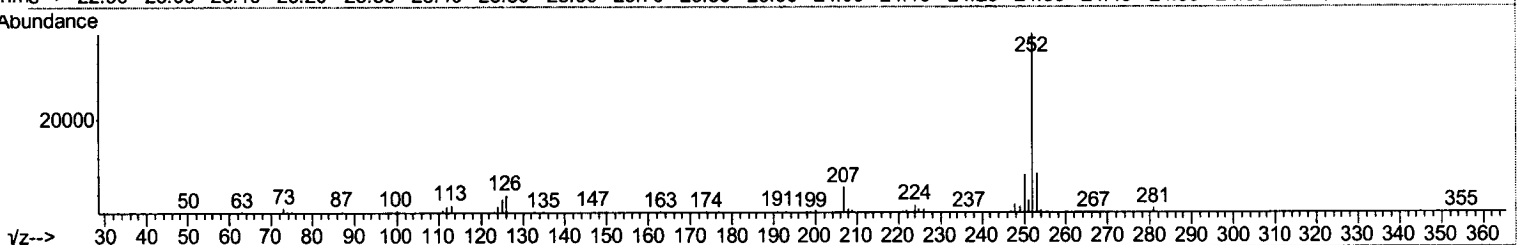
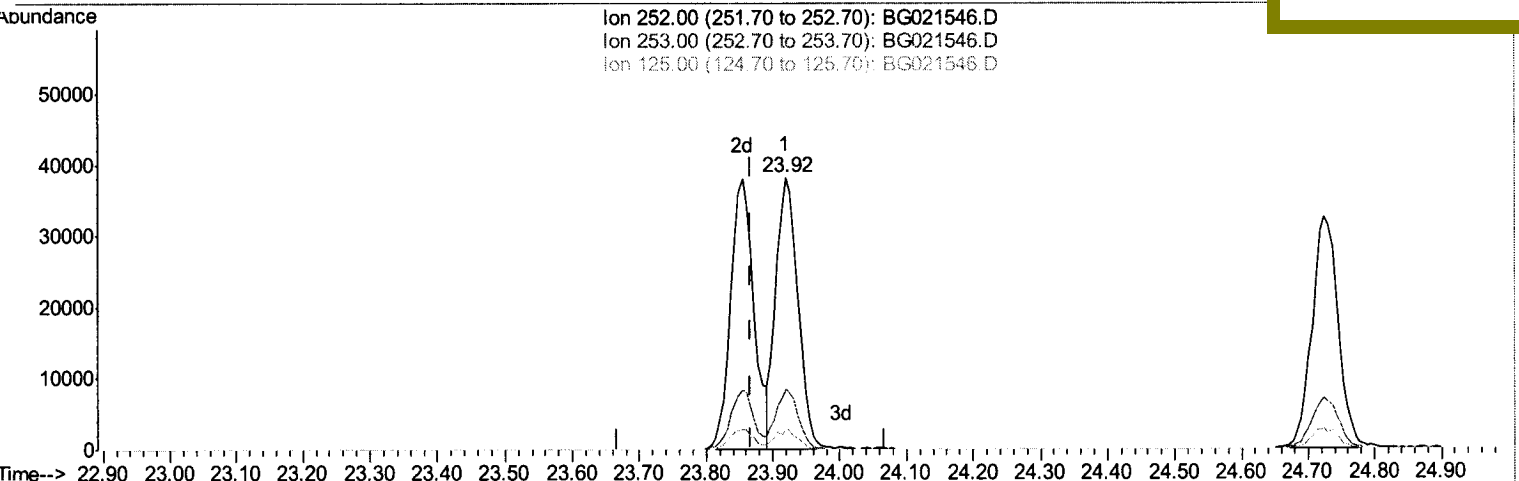
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Manual Integrations
APPROVED

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TIC: BG021546.D

(88) Benzo(b)fluoranthene

23.920min (+0.052) 18.27ng/ul

response 88112

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.38
125.00	9.50	7.73
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	28997	19.53	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	17156	18.35	ng/ul	90
38) Hexachlorocyclopentadiene	12.84	237	4775	13.94	ng/ul#	83
39) 2,4,6-Trichlorophenol	13.14	196	10403	18.93	ng/ul	97
40) 2,4,5-Trichlorophenol	13.30	196	11467	19.12	ng/ul	97
41) 1,1'-Biphenyl	13.50	154	40502	18.54	ng/ul#	94
42) 2-Chloronaphthalene	13.56	162	31120	18.21	ng/ul	98
43) 2-Nitroaniline	13.77	65	11958	20.06	ng/ul#	84
45) Dimethylphthalate	14.12	163	44457	19.24	ng/ul	98
46) 2,6-Dinitrotoluene	14.25	165	9679	20.53	ng/ul	94
48) Acenaphthylene	14.40	152	51278	18.88	ng/ul	96
49) 3-Nitroaniline	14.59	138	9555	21.90	ng/ul	81
50) Acenaphthene	14.73	153	35980	19.21	ng/ul	98
51) 2,4-Dinitrophenol	14.81	184	4174m	17.57	ng/ul	
53) 4-Nitrophenol	15.09	109	6724m	18.23	ng/ul	
54) Dibenzofuran	15.07	168	50570	19.27	ng/ul	99
55) 2,4-Dinitrotoluene	15.04	165	14864	21.50	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.32	232	7396	16.87	ng/ul	95
57) Diethylphthalate	15.48	149	48902	19.80	ng/ul	97
59) Fluorene	15.71	166	43222	18.84	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.70	204	22659	18.80	ng/ul	96
61) 4-Nitroaniline	15.75	138	10092	22.08	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.80	198	8002	16.27	ng/ul	98
65) N-Nitrosodiphenylamine	15.92	169	39877	18.26	ng/ul	99
66) 4-Bromophenyl-phenylether	16.59	248	15023	18.24	ng/ul	91
67) Hexachlorobenzene	16.71	284	16547	19.05	ng/ul	91
68) Atrazine	16.86	200	17311	19.65	ng/ul	99
69) Pentachlorophenol	17.09	266	1978	8.61	ng/ul#	80
70) Phenanthrene	17.45	178	75934	19.02	ng/ul	99
72) Anthracene	17.54	178	77416	19.06	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	16991	17.21	ng/uL	98
74) Pentachlorobenzene	14.98	250	17738	17.31	ng/uL	99
75) Carbazole	17.82	167	70239	19.98	ng/ul	97
76) Di-n-butylphthalate	18.35	149	90210	19.89	ng/ul	100
77) Fluoranthene	19.45	202	97278	20.19	ng/ul	96
80) Pyrene	19.81	202	101829	20.76	ng/ul#	91
81) Butylbenzylphthalate	20.68	149	40210	19.41	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.56	252	33686	19.73	ng/ul#	94
83) Benzo(a)anthracene	21.65	228	98198	19.76	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	55340	18.27	ng/ul	97
85) Chrysene	21.71	228	89757	19.07	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	94605	18.56	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	92636m	19.21	ng/ul	
89) Benzo(k)fluoranthene	23.92	252	88112	18.60	ng/ul	98
91) Benzo(a)pyrene	24.72	252	89148	19.04	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.53	276	99428	18.69	ng/ul	97
93) Dibenzo(a,h)anthracene	28.58	278	84223	18.61	ng/ul#	92
94) Benzo(g,h,i)perylene	29.68	276	80898	18.49	ng/ul	97

U,M
 04/05/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	7877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	38884	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	26708	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	70500	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	82311	20.00	ng/ul	-0.01
86) Perylene-d12	24.88	264	75083	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1620	9.23	ng/uL	0.00
5) Phenol-d5	7.33	99	13627	18.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	9345	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	11204	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	13452	21.09	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	6038	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	6422	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	11714	19.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	16371	21.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	43000	19.34	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	51783	18.89	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	5600	15.75	ng/ul	0.00
58) Fluorene-d10	15.66	176	37999	18.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	7780	16.70	ng/ul	0.00
71) Anthracene-d10	17.51	188	65685	19.01	ng/ul	0.00
79) Pyrene-d10	19.78	212	79137	20.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	65155	18.80	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.49	88	2125	8.96 ng/uL#	71
4) Benzaldehyde	7.20	77	9594	21.14 ng/ul	93
6) Phenol	7.36	94	15007	19.06 ng/ul	90
8) Bis(2-Chloroethyl)ether	7.47	93	10800	18.95 ng/ul	98
10) 2-Chlorophenol	7.66	128	11540	19.85 ng/ul	94
11) 2-Methylphenol	8.57	108	11288	18.63 ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.58	45	12450	18.11 ng/ul#	1
14) Acetophenone	8.88	105	20349	19.55 ng/ul	92
15) N-Nitroso-di-n-propylamine	8.85	70	11766	20.39 ng/ul#	92
16) 4-Methylphenol	8.90	108	12876	18.73 ng/ul	81
17) Hexachloroethane	9.13	117	5026	20.61 ng/ul	93
20) Nitrobenzene	9.27	77	16154	19.60 ng/ul#	90
21) Isophorone	9.78	82	31166	19.62 ng/ul	98
23) 2-Nitrophenol	9.98	139	6921	18.80 ng/ul	94
24) 2,4-Dimethylphenol	10.08	107	16061	19.33 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	15672	18.94 ng/ul#	94
27) 2,4-Dichlorophenol	10.59	162	11982	19.36 ng/ul	99
28) Naphthalene	10.91	128	39097	18.96 ng/ul	98
30) 4-Chloroaniline	11.03	127	17228	21.06 ng/ul	92
31) Hexachlorobutadiene	11.18	225	8447	18.53 ng/ul	98
32) Caprolactam	11.78	113	5114	22.00 ng/ul#	69
33) 4-Chloro-3-methylphenol	12.24	107	15475	20.47 ng/ul	89
34) 2-Methylnaphthalene	12.50	142	29192	19.08 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed