

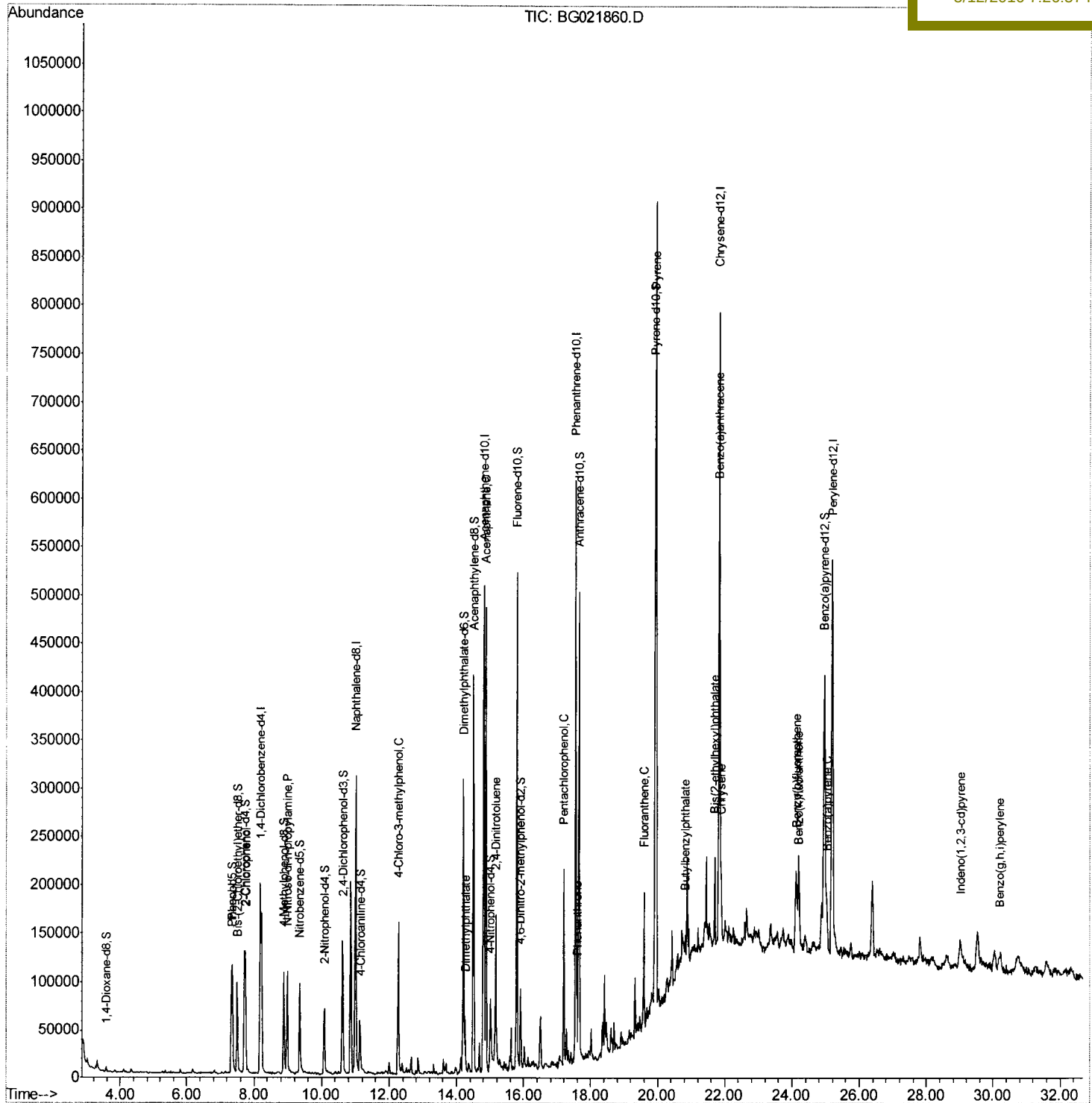
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021860.D
Acq On : 12 May 2016 1:41
Operator : UM/SJ
Sample : H2936-06MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 12 09:26:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9WF4MSD

Manual Integrations
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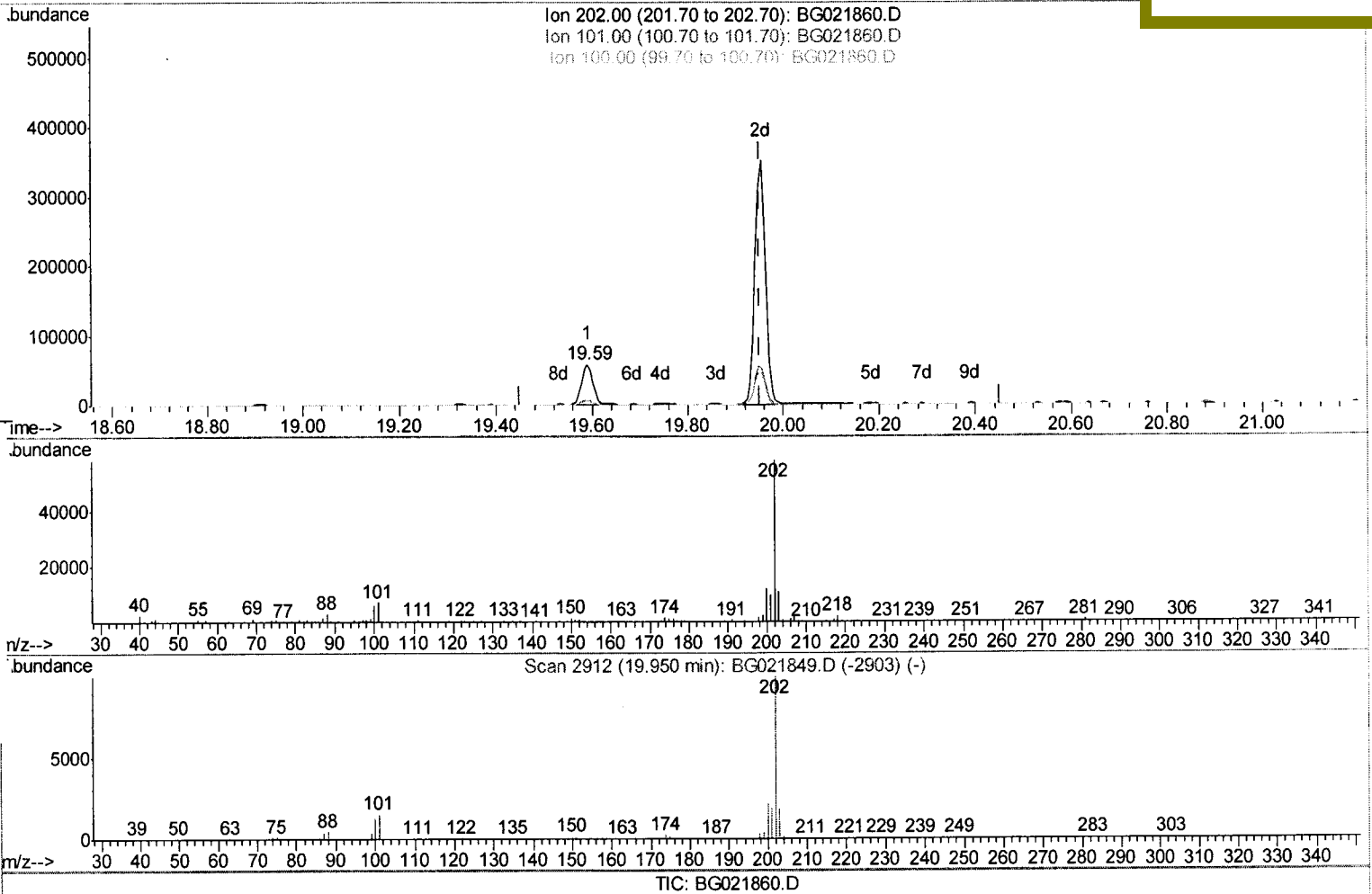
Data Path : Z:\HPCHEM1\BNA G\Data\BG0511116\
Data File : BG021860.D
Acq On : 12 May 2016 1:41
Operator : UM/SJ
Sample : H2936-06MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
D9WF4MSD

Quant Time: May 12 07:34:50 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

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(78) Pyrene

19.590min (-0.361) 3.74ng/ul

response 91844

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.44
100.00	11.60	10.83
0.00	0.00	0.00

Quantitation Report (Qedit)

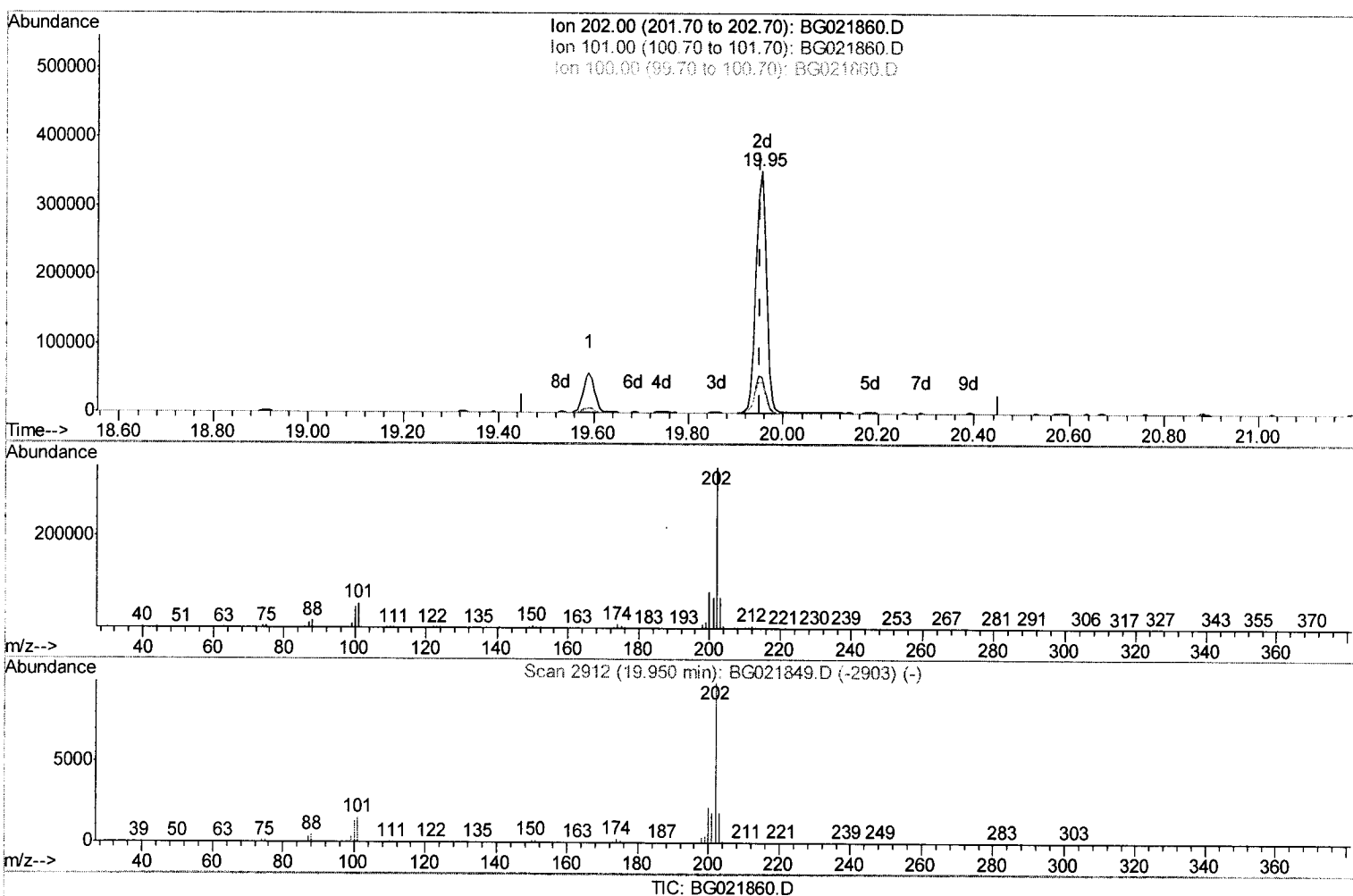
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021860.D
 Acq On : 12 May 2016 1:41
 Operator : UM/SJ
 Sample : H2936-06MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF4MSD

Manual Integrations
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Quant Time: May 12 07:34:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration



(78) Pyrene

19.954min (+0.003) 21.94ng/ul m

response 538969

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.15#
100.00	11.60	12.86
0.00	0.00	0.00

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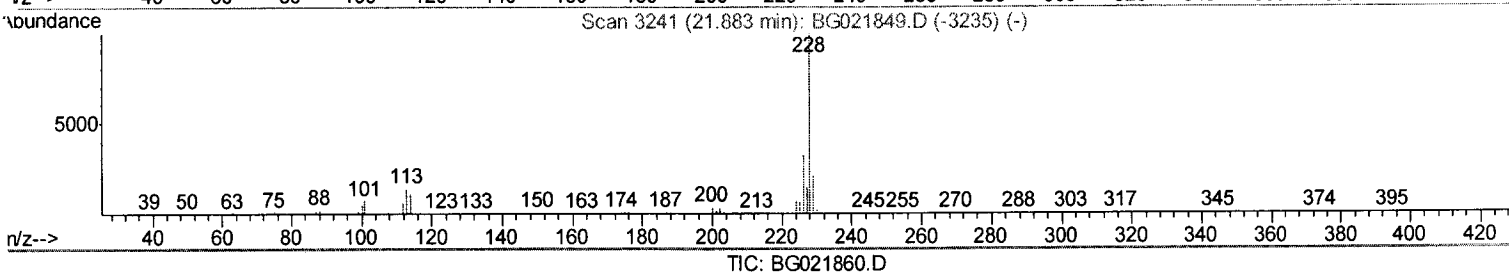
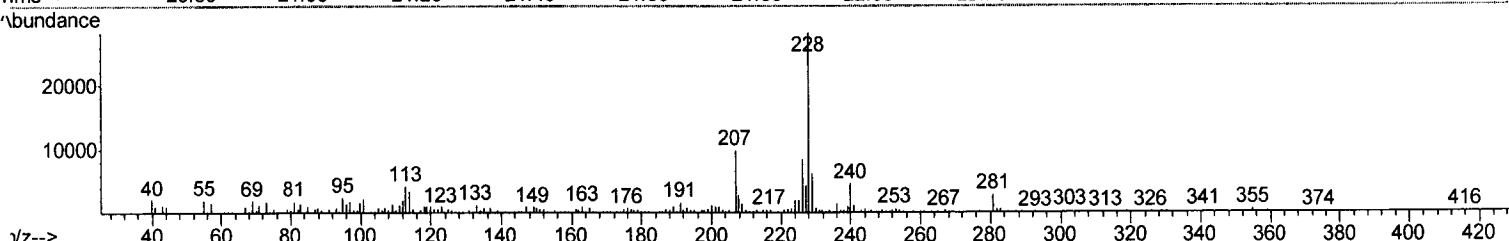
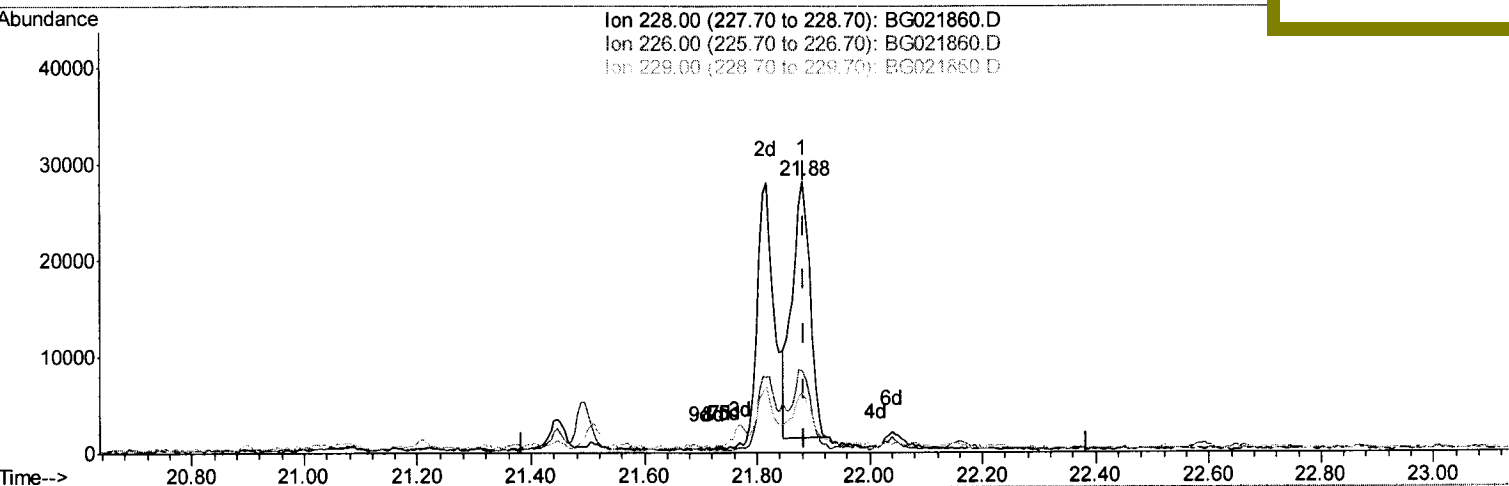
Data Path : Z:\HPCHEM1\BNA G\Data\BG0511116\
Data File : BG021860.D
Acq On : 12 May 2016 1:41
Operator : UM/SJ
Sample : H2936-06MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WF4MSD

Quant Time: May 12 09:17:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Manual Integrations
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(83) Chrysene

21.881min (-0.002) 2.48ng/ul

response 57879

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.08
229.00	20.20	22.20
0.00	0.00	0.00

Quantitation Report (Qedit)

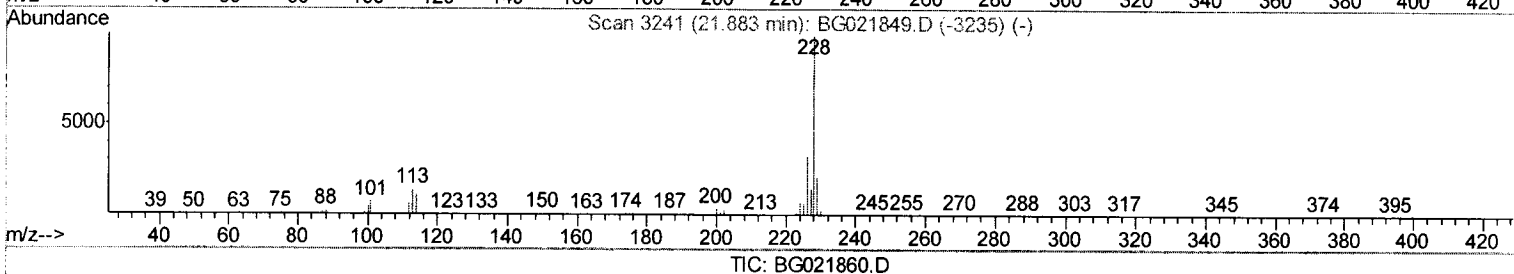
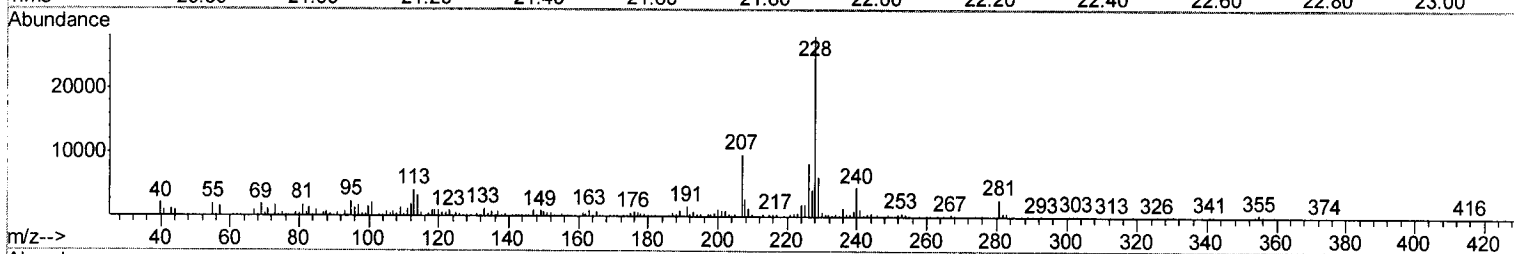
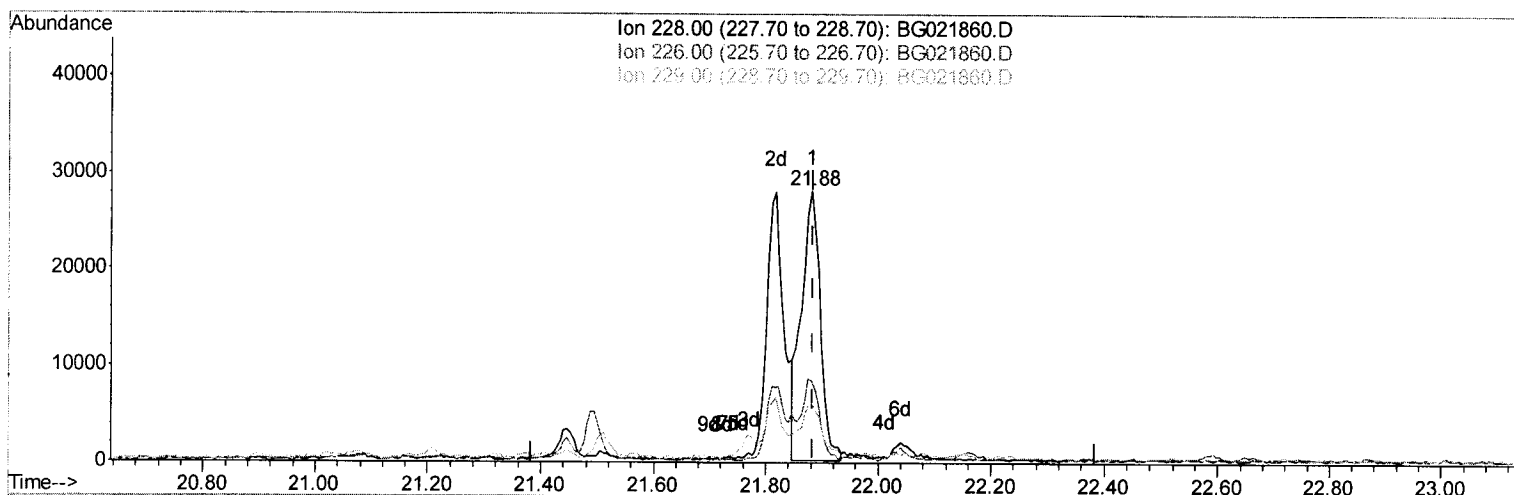
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021860.D
 Acq On : 12 May 2016 1:41
 Operator : UM/SJ
 Sample : H2936-06MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF4MSD

Manual Integrations
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Quant Time: May 12 09:17:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration



TIC: BG021860.D

(83) Chrysene

21.881min (-0.002) 2.77ng/ul m

response 64633

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.08
229.00	20.20	22.20
0.00	0.00	0.00

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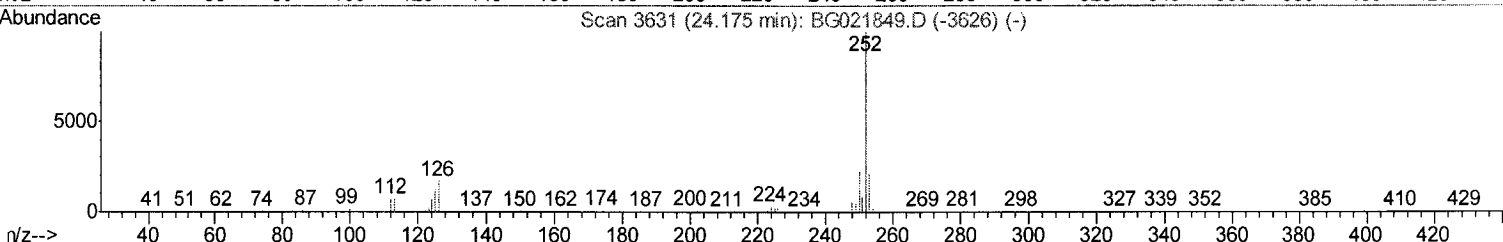
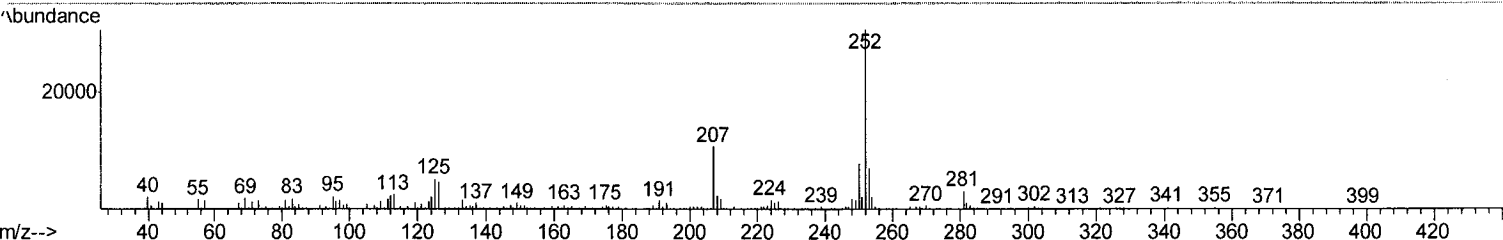
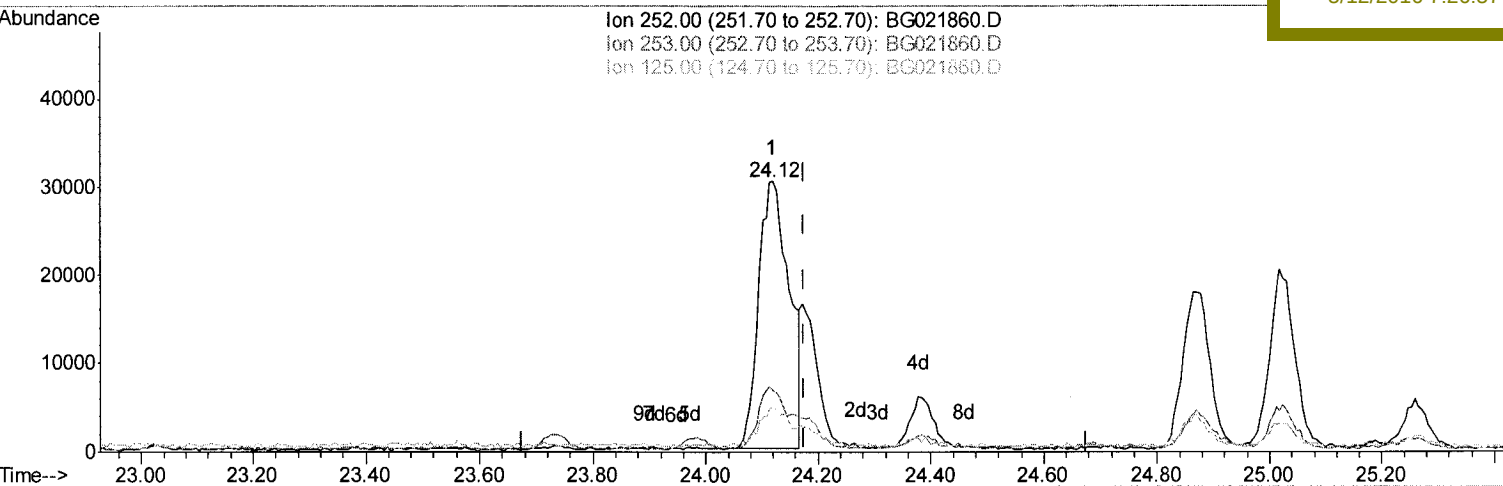
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021860.D
 Acq On : 12 May 2016 1:41
 Operator : UM/SJ
 Sample : H2936-06MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF4MSD

Quant Time: May 12 09:22:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BG021860.D

(87) Benzo(k)fluoranthene

24.120min (-0.055) 4.38ng/ul

response 114953

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.94
125.00	9.60	16.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

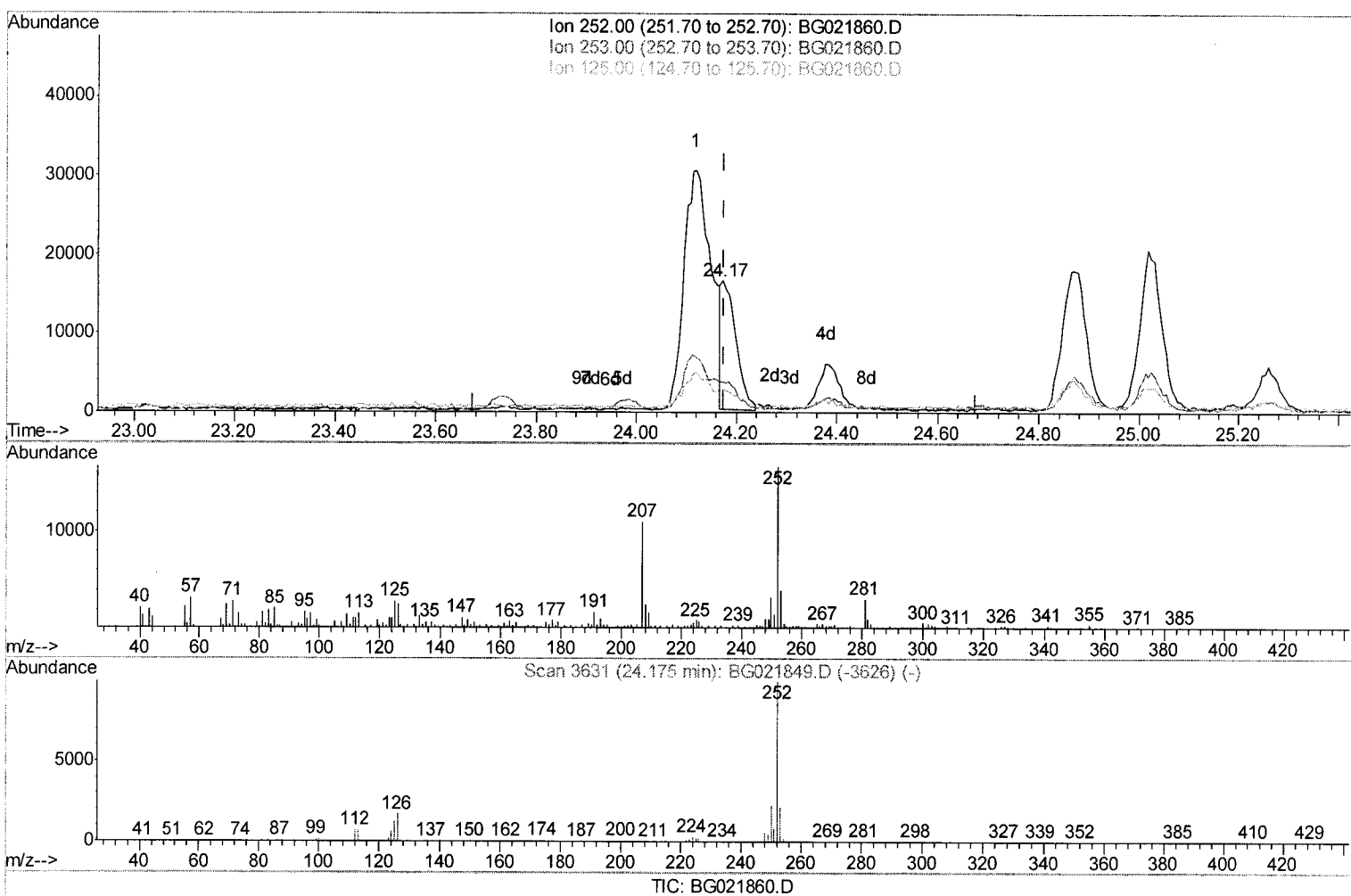
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021860.D
 Acq On : 12 May 2016 1:41
 Operator : UM/SJ
 Sample : H2936-06MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9WF4MSD

Manual Integrations
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Quant Time: May 12 09:22:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration



(87) Benzo(k)fluoranthene

24.172min (-0.002) 1.24ng/ul m

response 32489

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.70
125.00	9.60	17.36#
0.00	0.00	0.00

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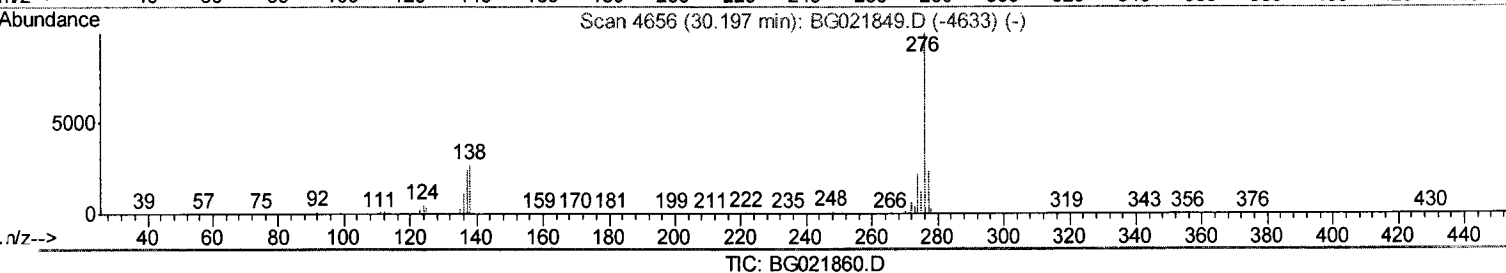
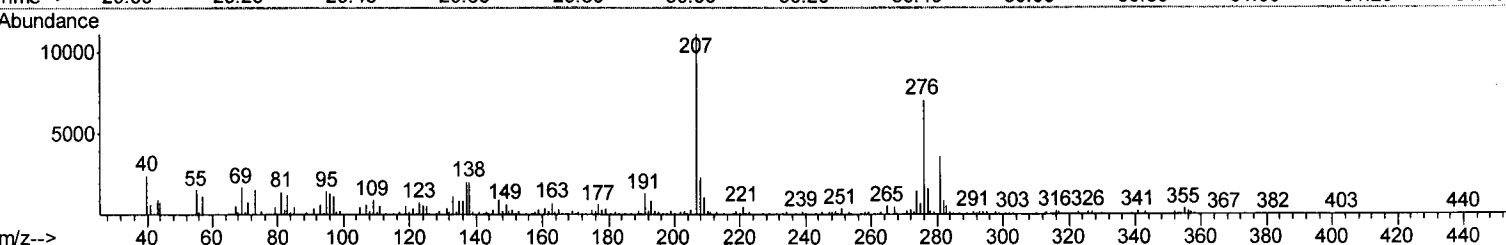
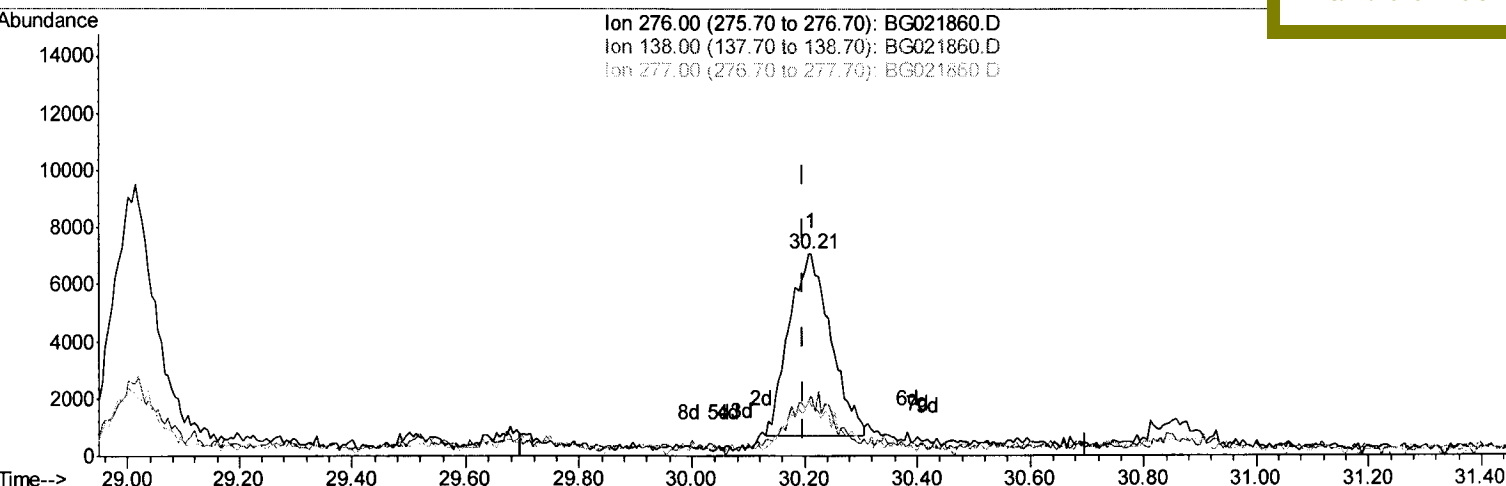
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021860.D
Acq On : 12 May 2016 1:41
Operator : UM/SJ
Sample : H2936-06MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
D9WF4MSD

Quant Time: May 12 09:23:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Manual Integrations
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(92) Benzo(g,h,i)perylene

30.212min (+0.015) 1.38ng/ul

response 32941

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	30.22#
277.00	24.70	24.26
0.00	0.00	0.00

Quantitation Report (Qedit)

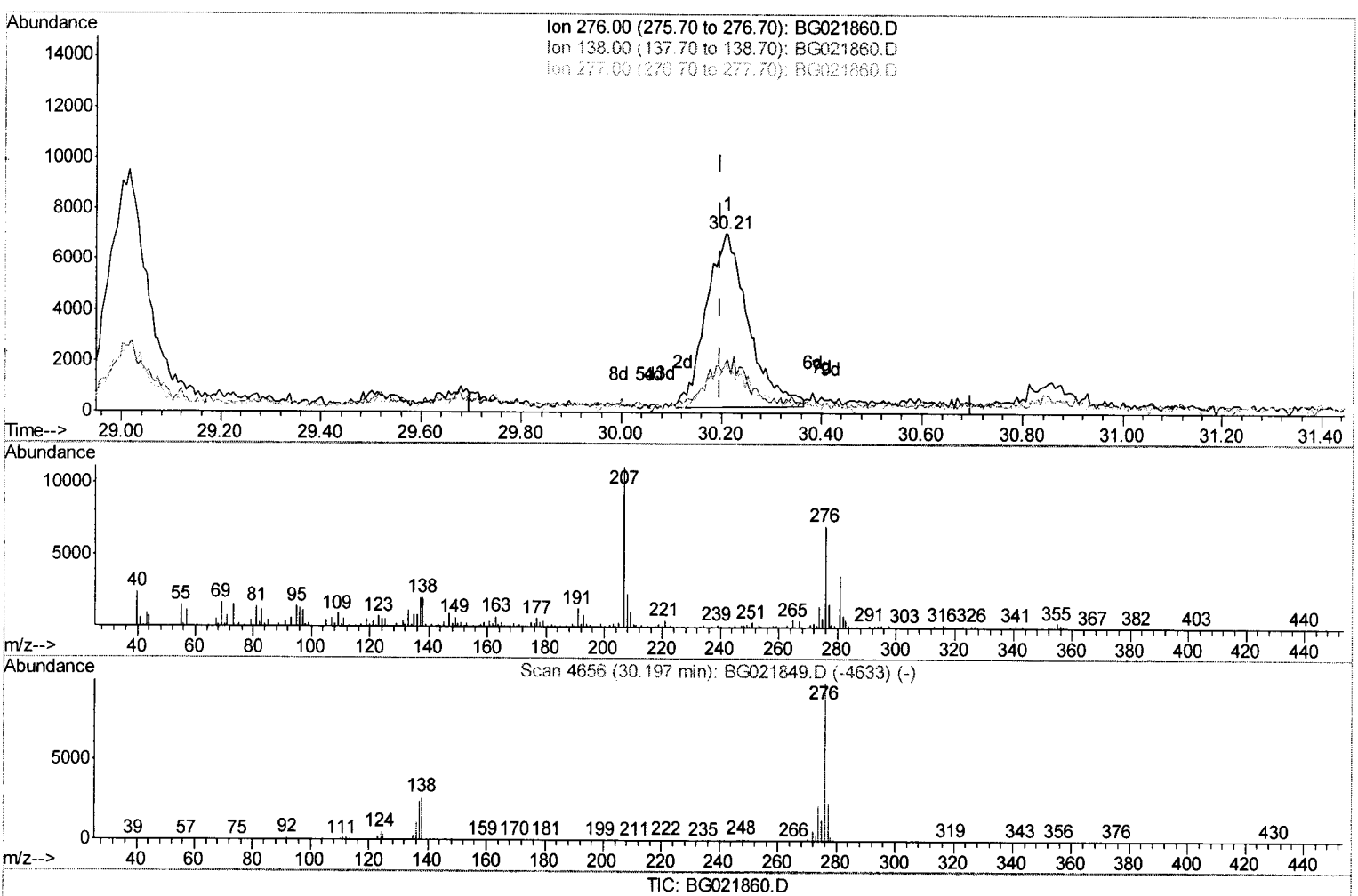
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021860.D
 Acq On : 12 May 2016 1:41
 Operator : UM/SJ
 Sample : H2936-06MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF4MSD

Manual Integrations
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Quant Time: May 12 09:23:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration



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

30.212min (+0.015) 1.68ng/ul m

response 40115

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	30.22#
277.00	24.70	24.26
0.00	0.00	0.00

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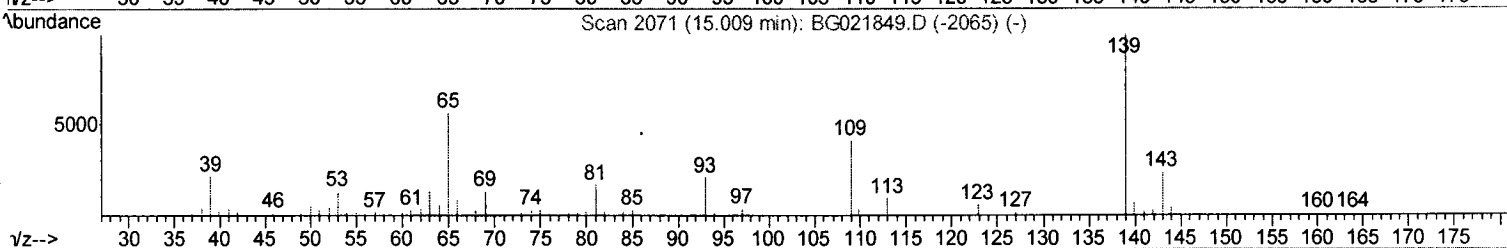
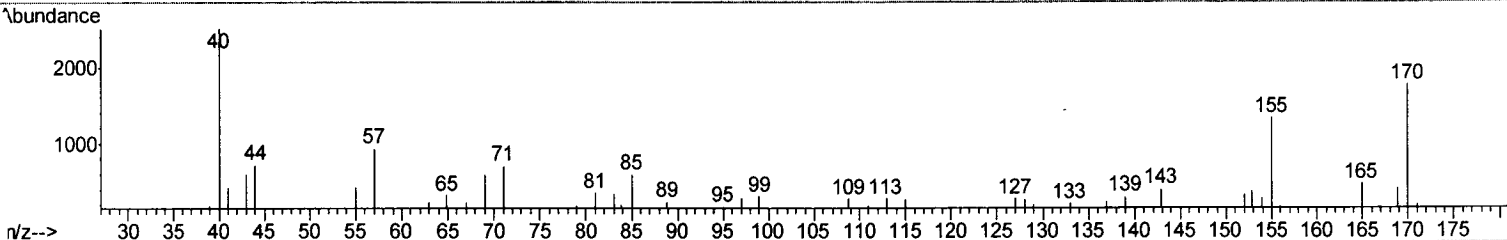
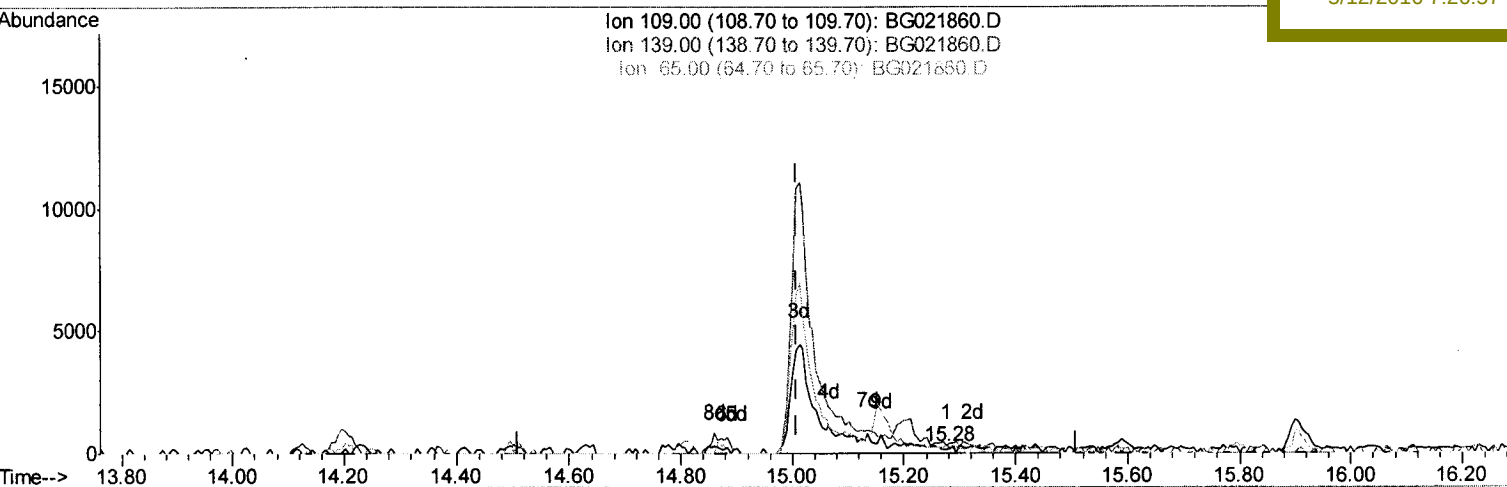
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021860.D
Acq On : 12 May 2016 1:41
Operator : UM/SJ
Sample : H2936-06MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 12 09:25:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9WF4MSD

Manual Integrations
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TIC: BG021860.D

(53) 4-Nitrophenol

15.277min (+0.268) 0.10ng/ul

response 110

Ion	Exp%	Act%
109.00	100	100
139.00	94.90	107.77
65.00	124.80	115.90
0.00	0.00	0.00

Quantitation Report (Qedit)

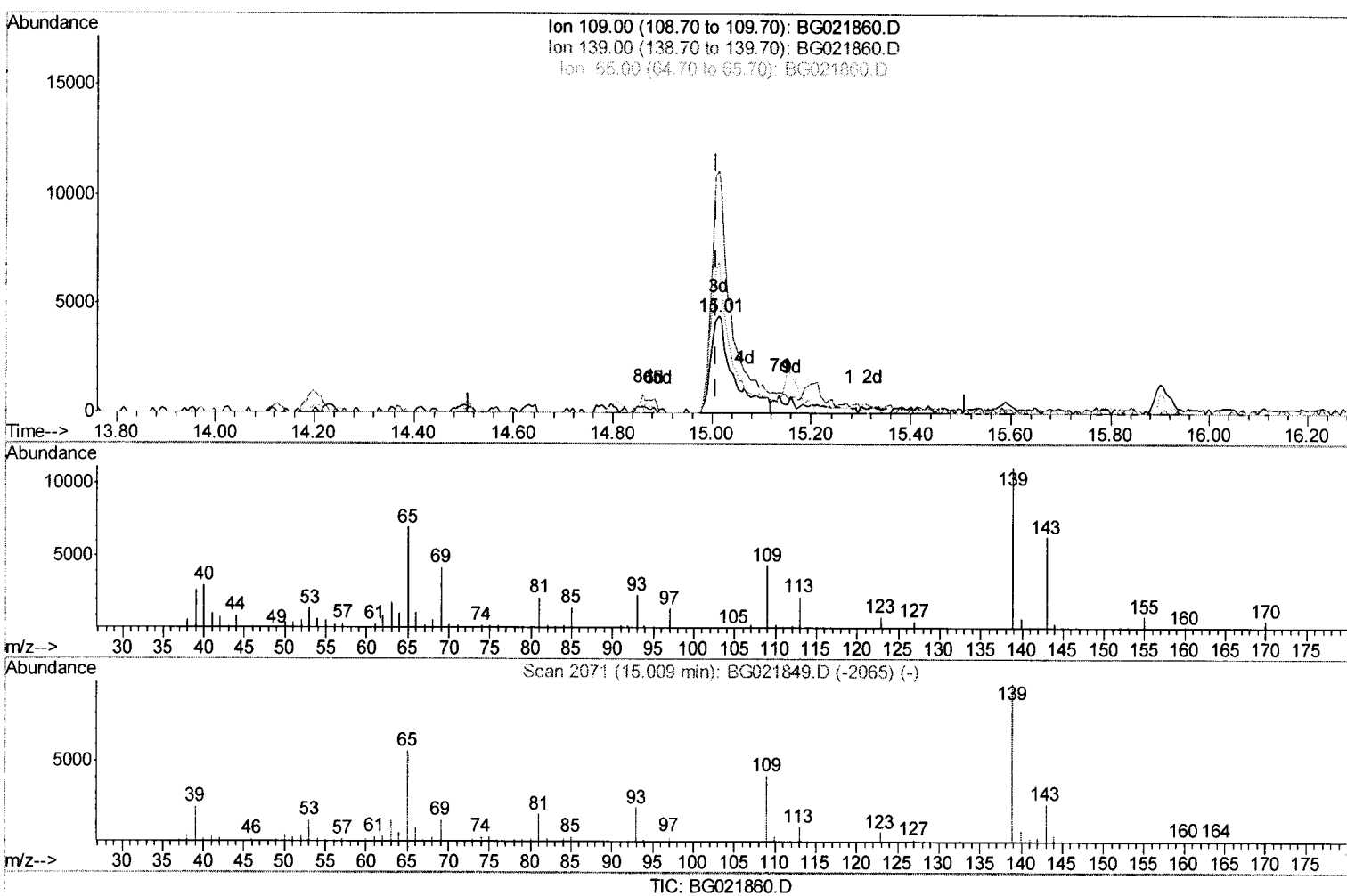
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021860.D
 Acq On : 12 May 2016 1:41
 Operator : UM/SJ
 Sample : H2936-06MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF4MSD

Manual Integrations
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Quant Time: May 12 09:25:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration



(53) 4-Nitrophenol

15.013min (+0.003) 12.26ng/ul m

response 13836

Ion	Exp%	Act%
109.00	100	100
139.00	94.90	251.08#
65.00	124.80	157.39#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021860.D
 Acq On : 12 May 2016 1:41
 Operator : UM/SJ
 Sample : H2936-06MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF4MSD

Manual Integrations
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Quant Time: May 12 09:26:08 2016
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	74768	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	360518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	205714	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	435169	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	424593	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	428145	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4387	2.83	ng/uL	0.00
5) Phenol-d5	7.33	99	90365	16.29	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.50	67	48009	17.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	88488	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	61434	13.18	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	44813	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	46508	31.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	82400	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	48553	10.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	265812	18.40	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	362963	17.69	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	29091	11.75	ng/ul	0.00
58) Fluorene-d10	15.79	176	244566	16.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	28086	23.30	ng/ul	0.00
71) Anthracene-d10	17.65	188	344296	16.25	ng/ul	0.00
77) Pyrene-d10	19.92	212	370533	18.64	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	343941	16.91	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.36	94	91658	15.53	ng/ul#	70
10) 2-Chlorophenol	7.74	128	83983	19.34	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.98	70	57042	16.45	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.26	107	76107	17.45	ng/ul#	67
45) Dimethylphthalate	14.25	163	46938	3.19	ng/ul	96
50) Acenaphthene	14.87	153	247849	16.97	ng/ul	96
53) 4-Nitrophenol	15.01	109	13836m	12.26	ng/ul	
55) 2,4-Dinitrotoluene	15.16	165	71834	17.86	ng/ul#	55
69) Pentachlorophenol	17.19	266	47593	23.73	ng/ul	92
70) Phenanthrene	17.59	178	42156	1.77	ng/ul	96
75) Fluoranthene	19.59	202	91844	3.40	ng/ul#	95
78) Pyrene	19.95	202	538969m	21.94	ng/ul	
79) Butylbenzylphthalate	20.82	149	9015	1.66	ng/ul#	86
81) Benzo(a)anthracene	21.82	228	52929	2.24	ng/ul	95
82) Bis(2-ethylhexyl)phthalate	21.70	149	49401	5.57	ng/ul	95
83) Chrysene	21.88	228	64633m	2.77	ng/ul	
86) Benzo(b)fluoranthene	24.12	252	114953	4.69	ng/ul#	93
87) Benzo(k)fluoranthene	24.17	252	32489m	1.24	ng/ul	
89) Benzo(a)pyrene	25.02	252	64701	2.65	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	29.01	276	46800	1.62	ng/ul#	92
92) Benzo(a,h,i)perylene	30.21	276	40115m	1.68	ng/ul	

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Quantitation Report (QT Reviewed)

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 Data File : BG021860.D
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 Operator : UM/SJ
 Sample : H2936-06MSD
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Instrument :
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Manual Integrations
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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