

Quantitation Report (QT Reviewed)

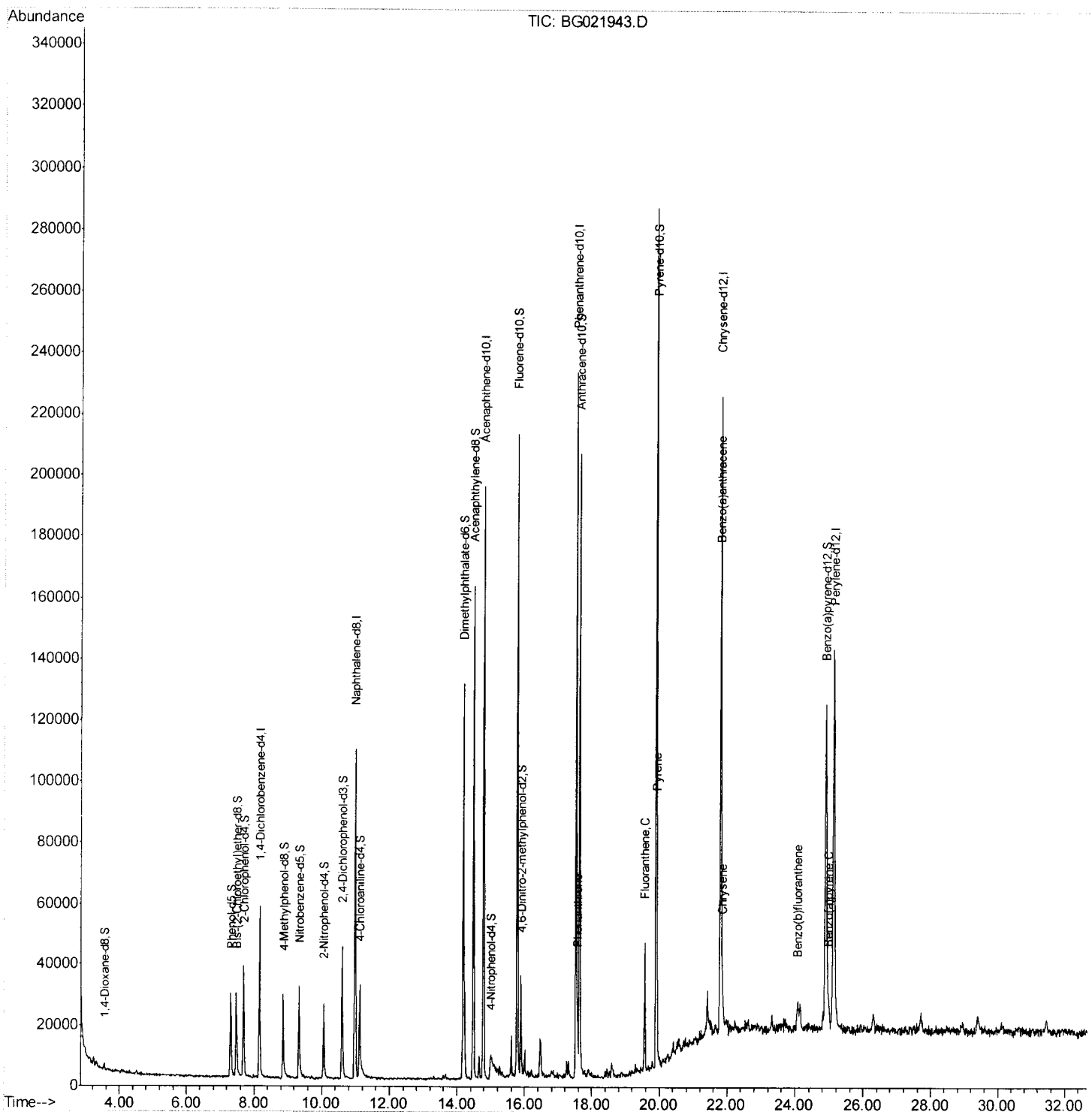
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC5

Manual Integrations
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Quant Time: May 19 03:43:57 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

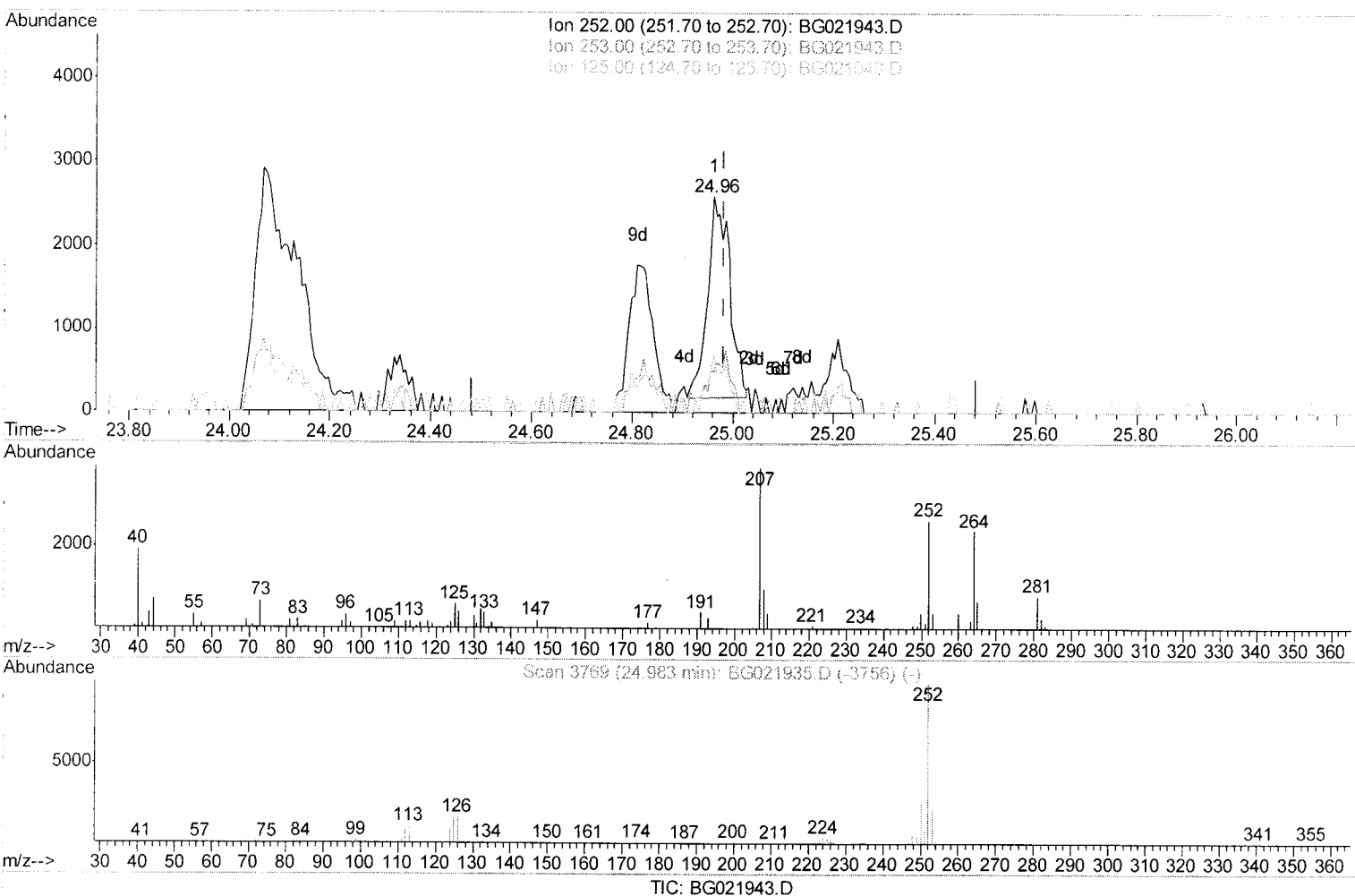
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
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Instrument :
 BNA_G
 ClientSampleId :
 D9XC5

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Quant Time: May 19 03:42:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration



(38) Benzo(a)pyrene (C)

24.962min (-0.021) 1.04ng/ul m

response 7332

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	18.98
125.00	10.20	26.74#
0.00	0.00	0.00

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Quantitation Report (Qedit)

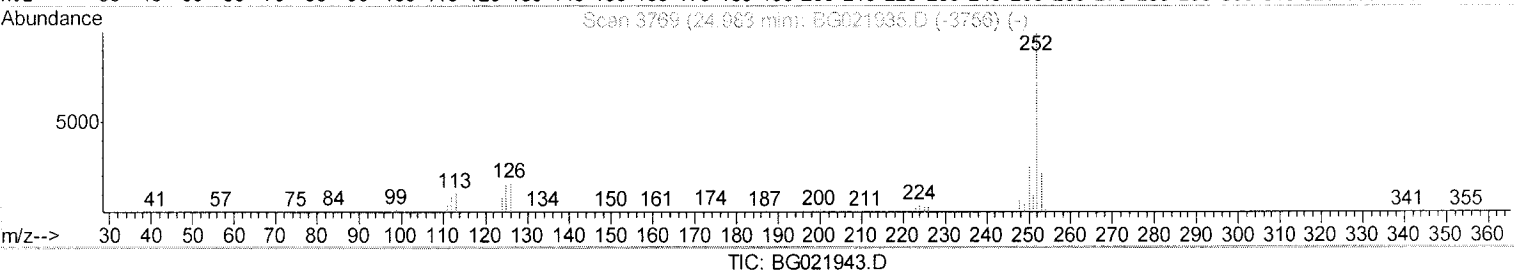
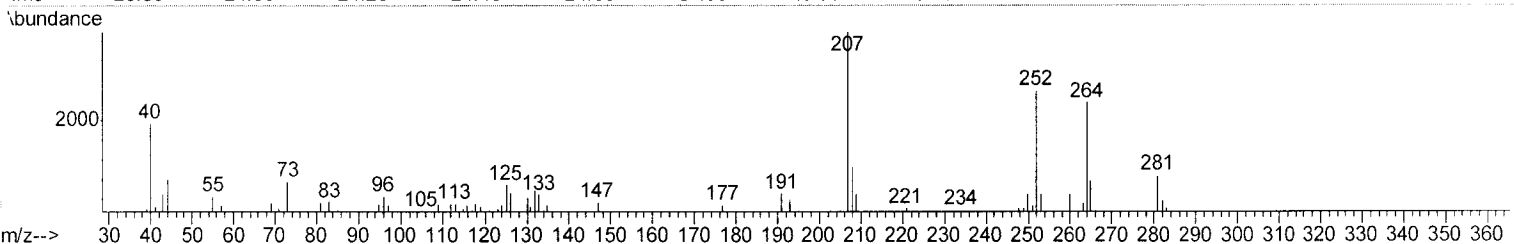
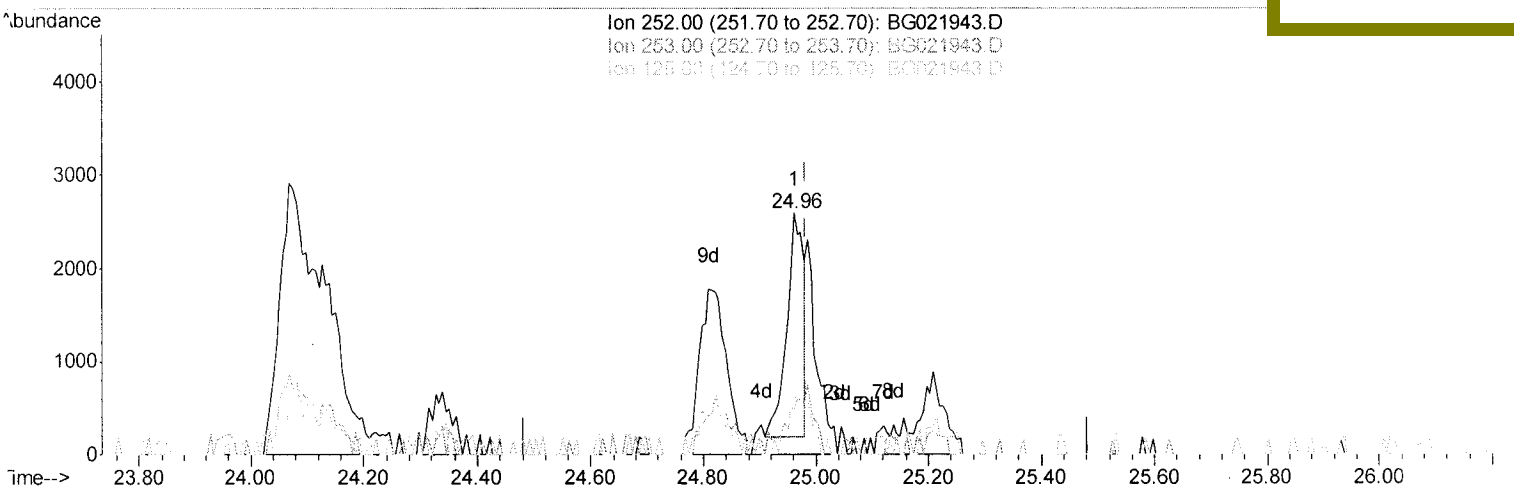
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: May 19 03:42:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
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TIC: BG021943.D

(38) Benzo(a)pyrene (C)

24.962min (-0.021) 0.70ng/ul

response 4913

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	18.98
125.00	10.20	26.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

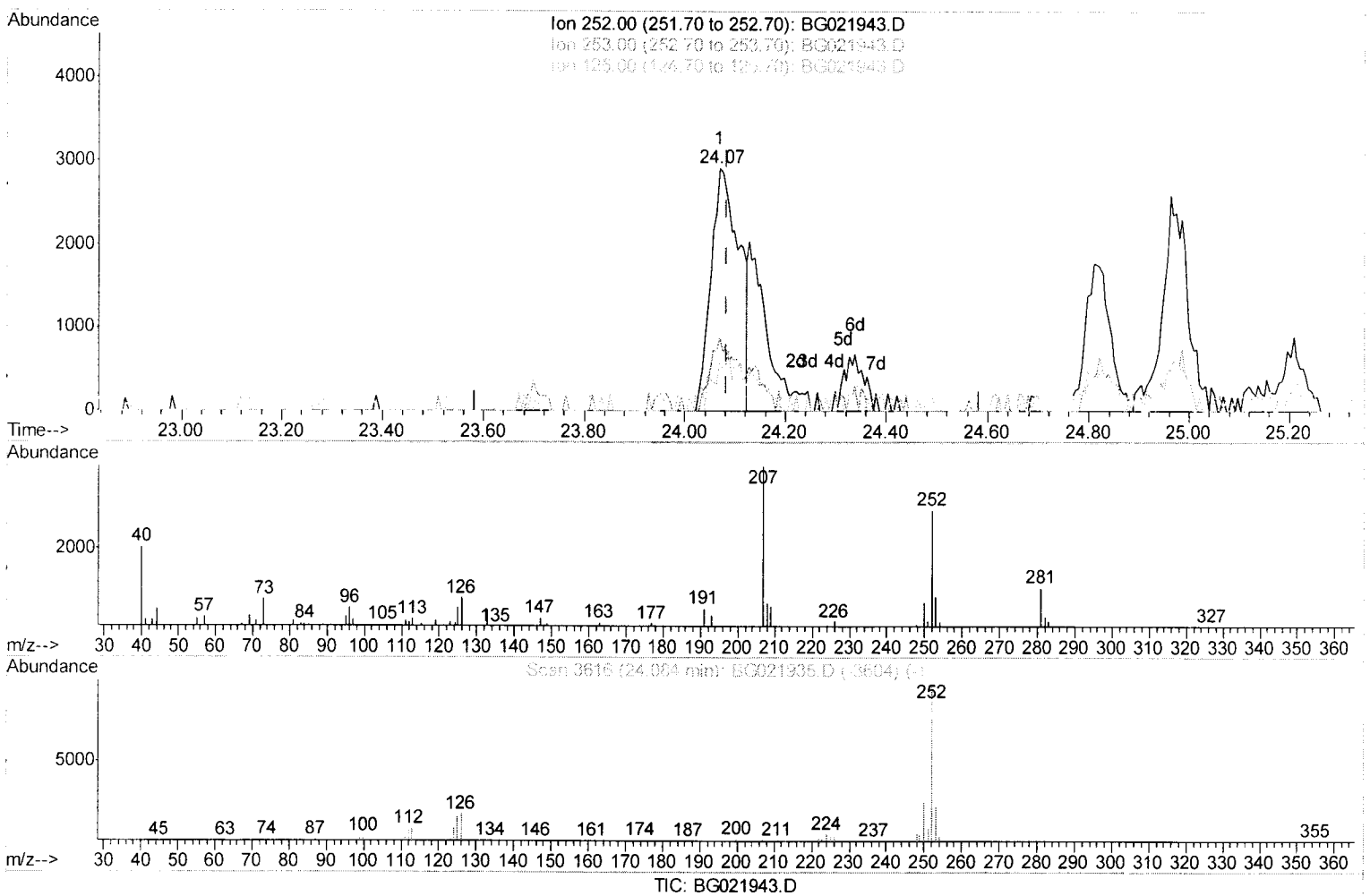
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 D9XC5

Manual Integrations
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Quant Time: May 19 03:42:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
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(35) Benzo(b)fluoranthene

24.069min (-0.015) 1.53ng/ul m

response 11246

Ion Exp% Act%

252.00 100 100

253.00 22.60 29.80#

125.00 9.50 20.08#

0.00 0.00 0.00

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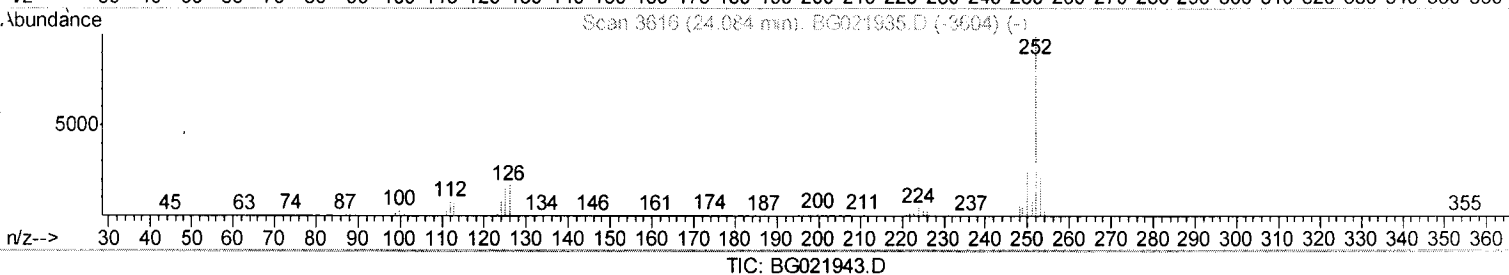
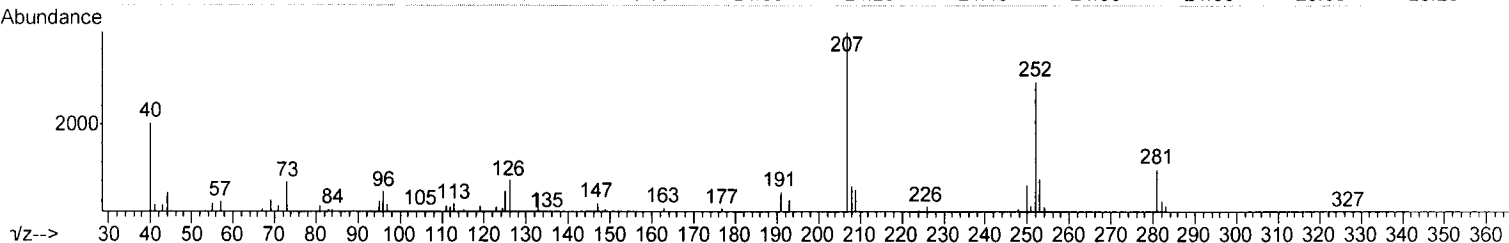
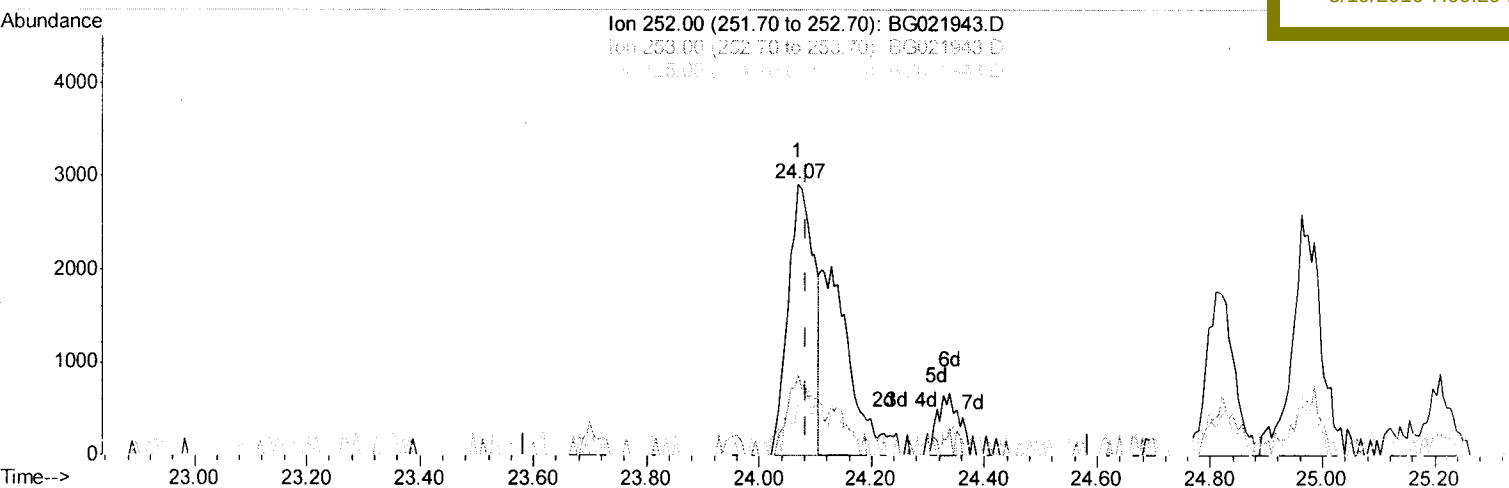
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021943.D
Acq On : 18 May 2016 21:56
Operator : UM/SJ
Sample : H3092-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XC5

Quant Time: Mav 19 03:42:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
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QLast Update : Thu May 19 03:03:18 2016
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(35) Benzo(b)fluoranthene

24.069min (-0.015) 1.25ng/ul

response 9215

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	29.80#
125.00	9.50	20.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

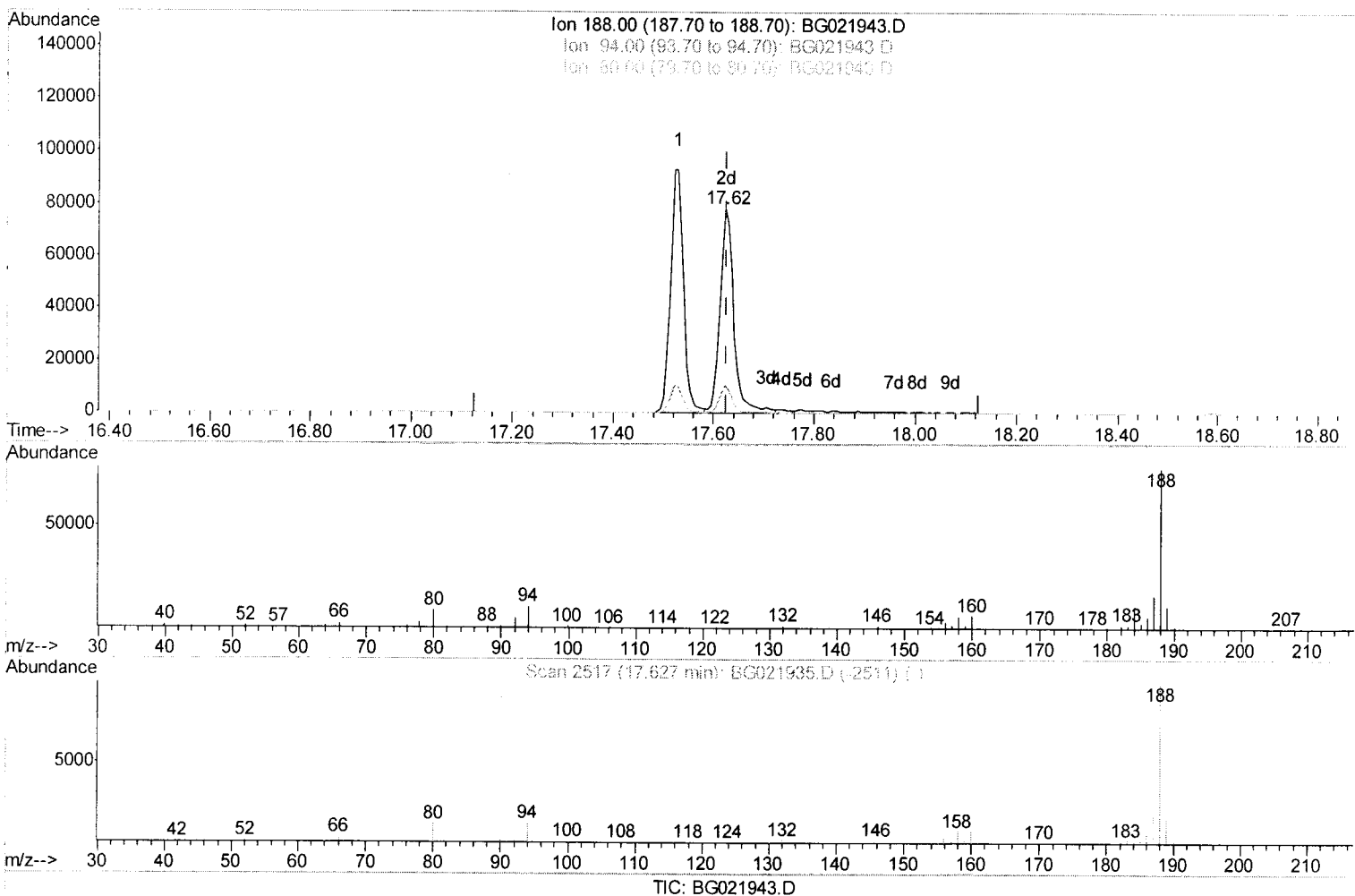
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC5

Manual Integrations
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Quant Time: May 19 03:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration



(26) Anthracene-d10 (S)

17.623min (-0.004) 19.78ng/ul m

response 149104

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	13.25#
80.00	10.80	11.04
0.00	0.00	0.00

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Quantitation Report (Qedit)

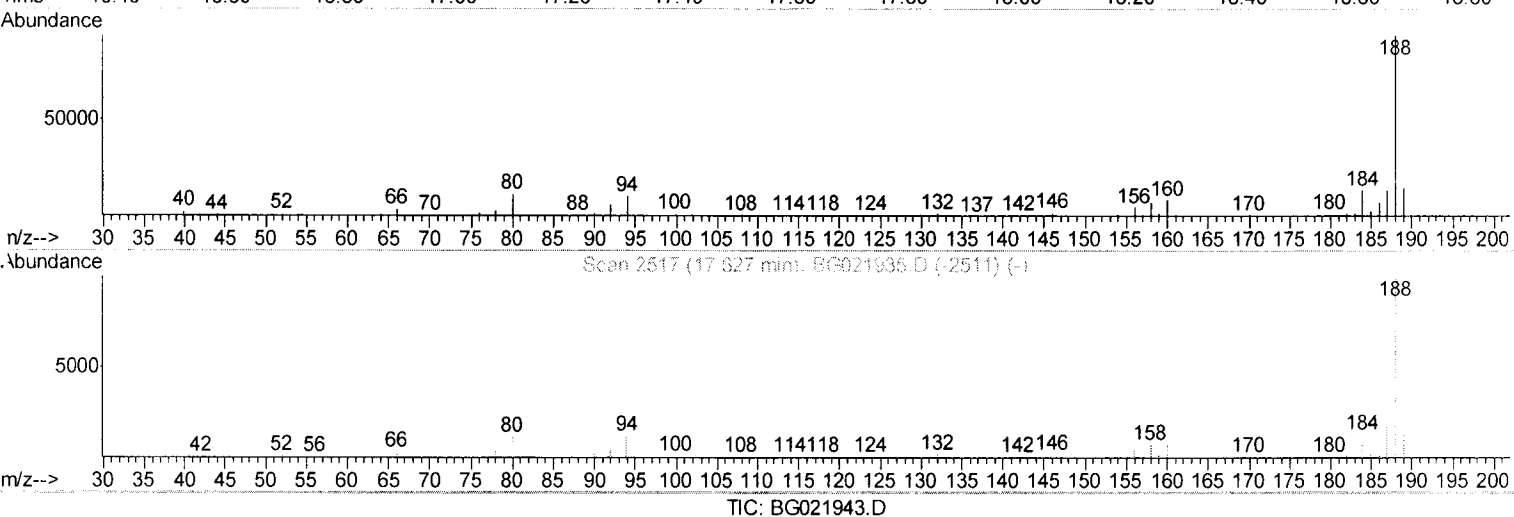
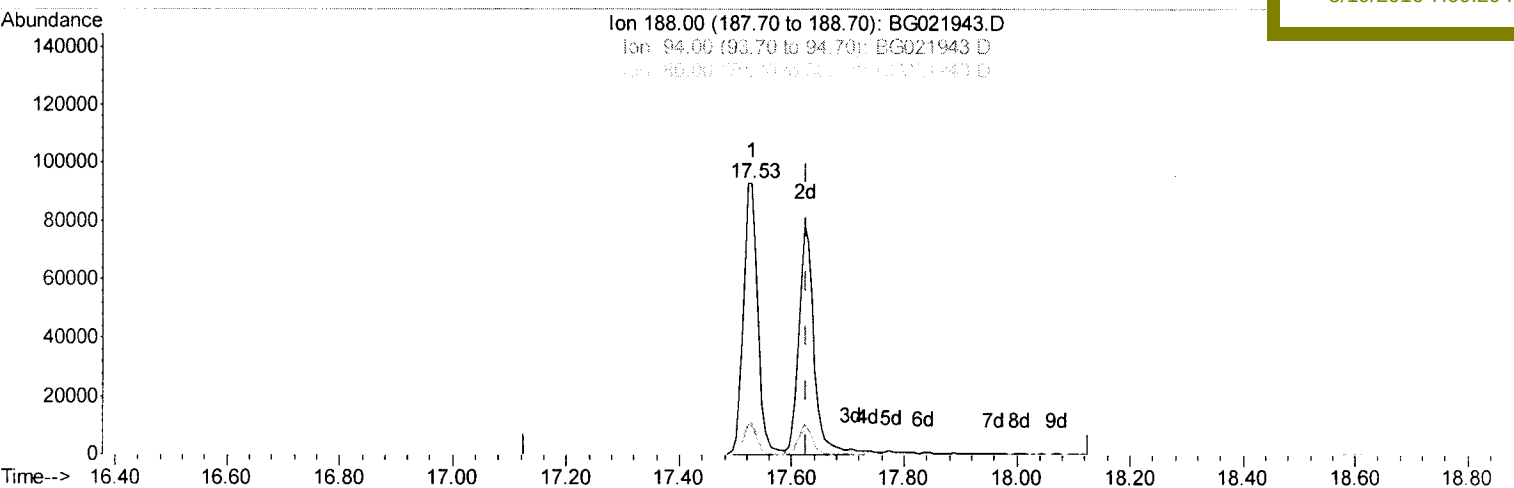
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 D9XC5

Quant Time: May 19 03:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration

Manual Integrations
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(26) Anthracene-d10 (S)

17.529min (-0.098) 21.70ng/ul

response 163592

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	10.81
80.00	10.80	11.82
0.00	0.00	0.00

Quantitation Report (Qedit)

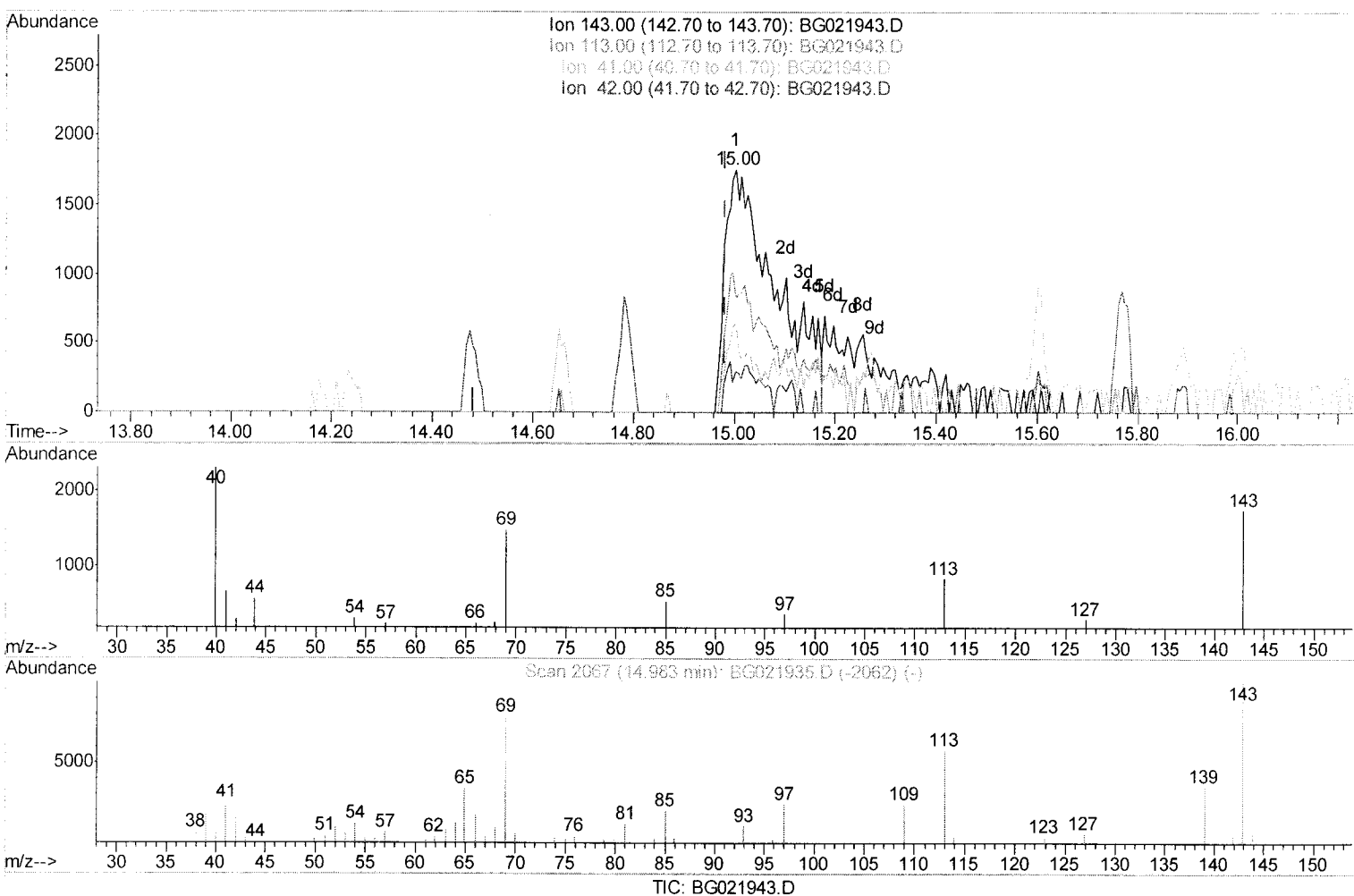
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC5

Manual Integrations
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Quant Time: May 19 03:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
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(20) 4-Nitrophenol-d4 (S)

15.003min (+0.020) 12.08ng/ul m

response 12402

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Ion	Exp%	Act%
143.00	100	100
113.00	102.70	47.41#
41.00	49.70	37.38#
42.00	33.70	17.04#

Quantitation Report (Qedit)

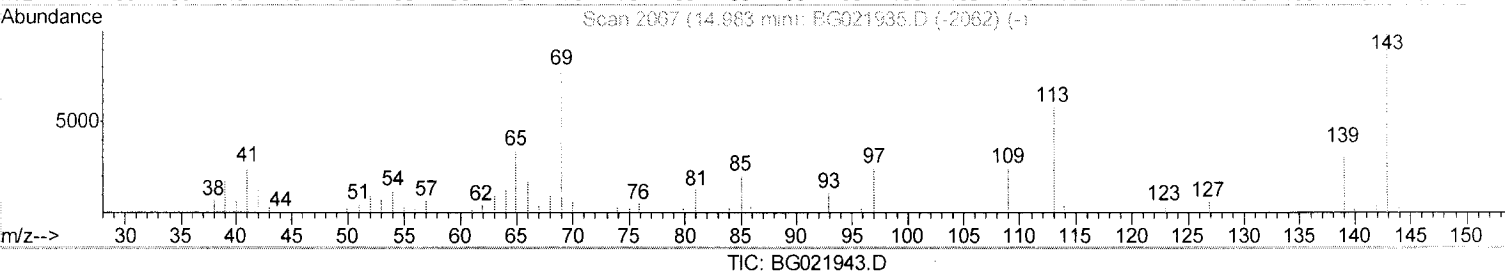
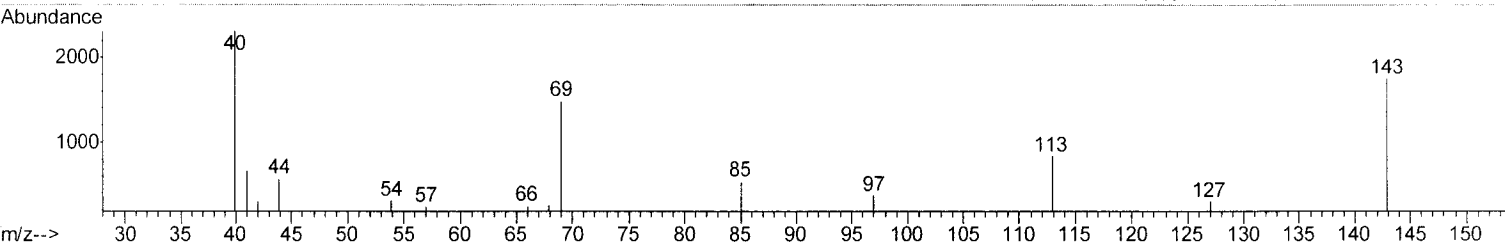
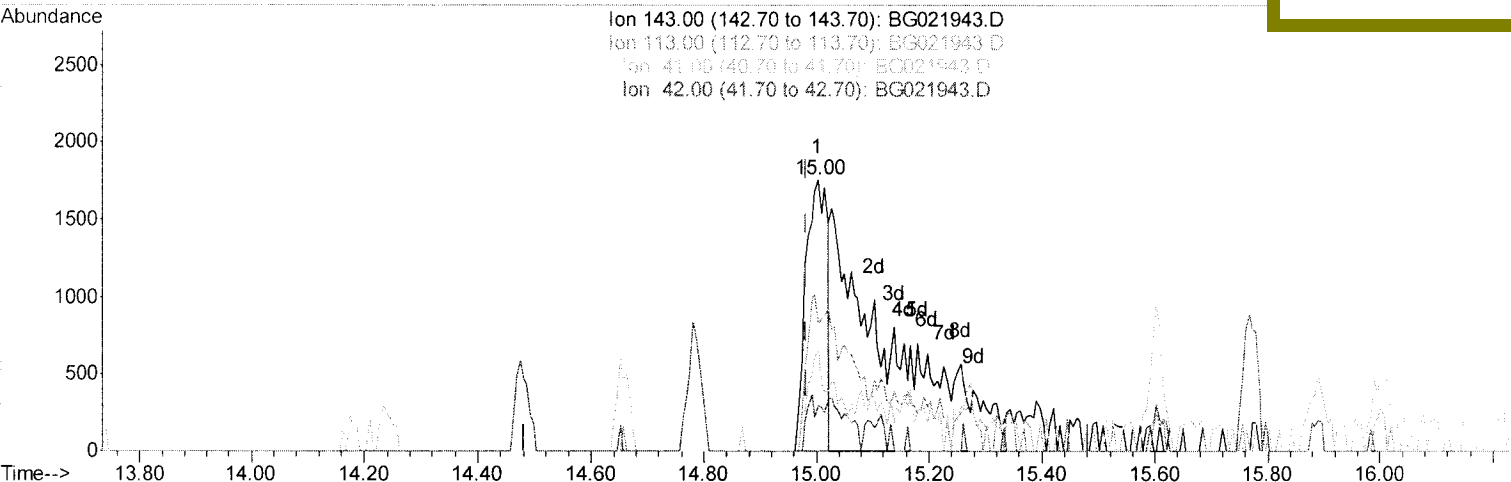
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC5

Quant Time: May 19 03:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Manual Integrations
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(20) 4-Nitrophenol-d4 (S)

15.003min (+0.020) 4.50ng/ui

response 4620

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	47.41#
41.00	49.70	37.38#
42.00	33.70	17.04#

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 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC5

Quant Time: May 19 03:43:57 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
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 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	21617	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	124785	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	75711	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	163592	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	142400	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	127882	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1472	3.12	ng/uL	0.00
3) Phenol-d5	7.31	99	27377	14.34	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	16777	16.50	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	26814	17.11	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	17283	10.16	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	13957	15.94	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	14751	15.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	25491	15.44	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	31511	24.23	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	114832	19.67	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	143054	19.03	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	12402m	12.08	ng/ul	0.02
21) Fluorene-d10	15.77	176	99676	18.97	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	11091	13.66	ng/ul	0.00
26) Anthracene-d10	17.62	188	149104m	19.78	ng/ul	0.00
30) Pyrene-d10	19.90	212	160051	21.30	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	120379	21.20	ng/ul	0.00

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Target Compounds

					Ovalue
25) Phenanthrene	17.57	178	17102	1.96	ng/ul 96
28) Fluoranthene	19.57	202	28449	3.13	ng/ul# 90
31) Pvrene	19.93	202	23616	2.41	ng/ul# 88
32) Benzo(a)anthracene	21.79	228	10907	1.38	ng/ul 95
33) Chrysene	21.85	228	10908	1.42	ng/ul 98
35) Benzo(b)fluoranthene	24.07	252	11246m	1.53	ng/ul
38) Benzo(a)pvrene	24.96	252	7332m	1.04	ng/ul

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