

Quantitation Report (LSC Reviewed)

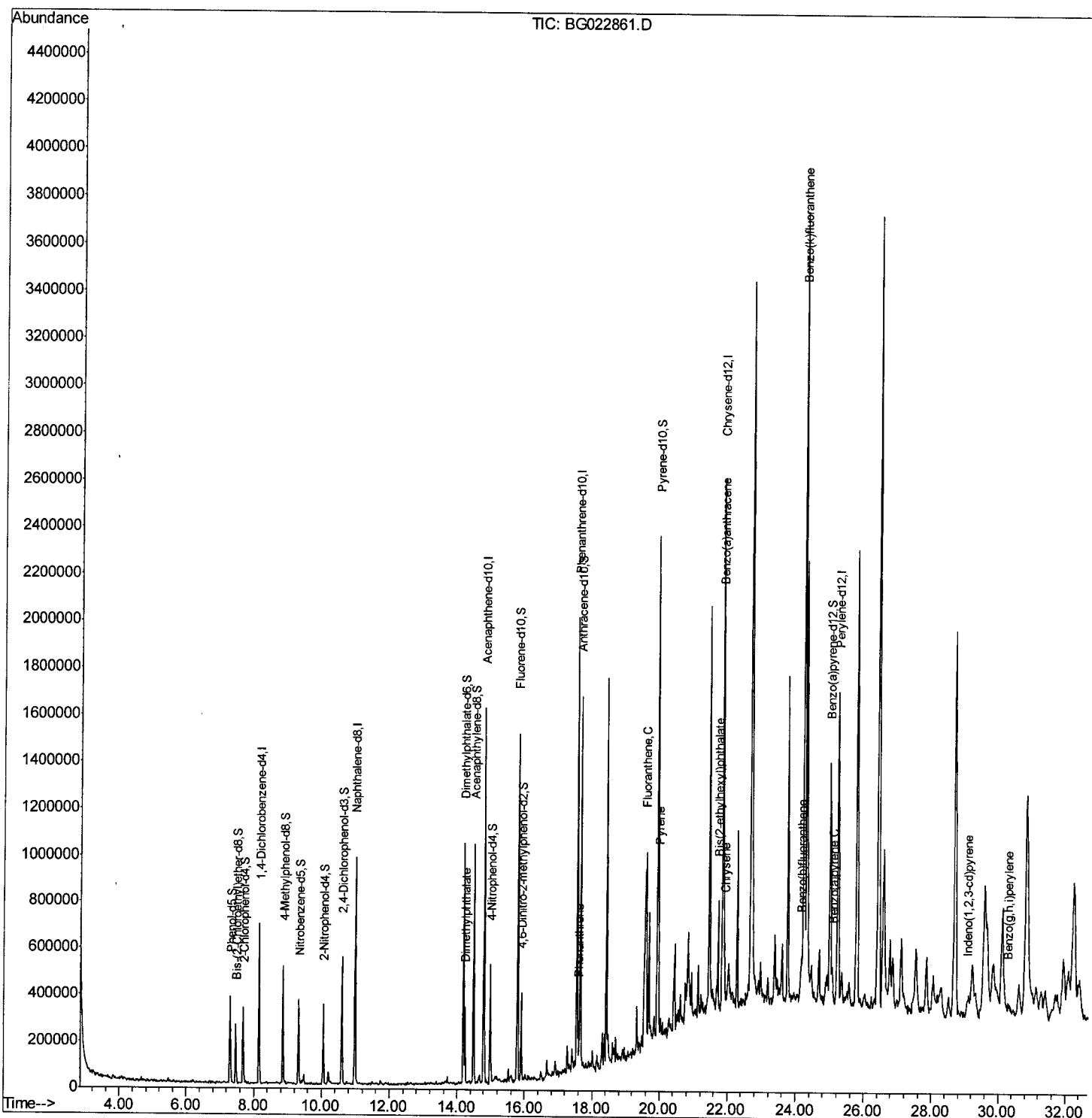
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022861.D
 Acq On : 5 Jul 2016 22:06
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW4

Manual Integration

sohil
 7/6/2016 7:17:30 PM

Quant Time: Jul 06 11:48:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

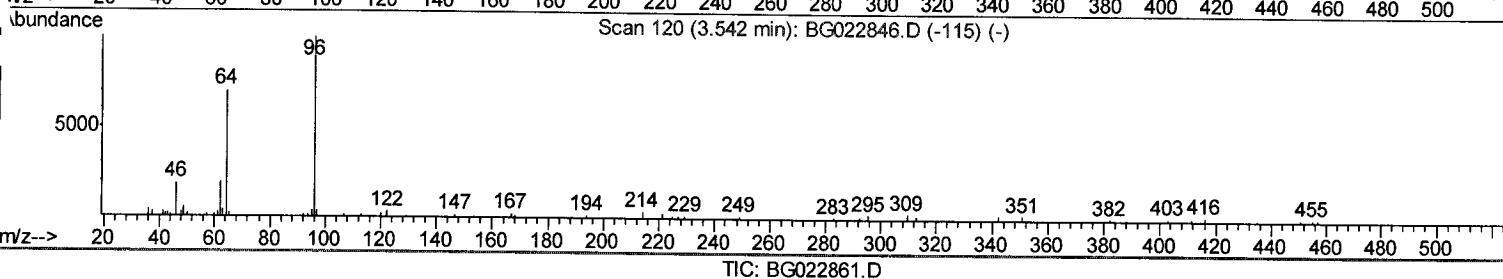
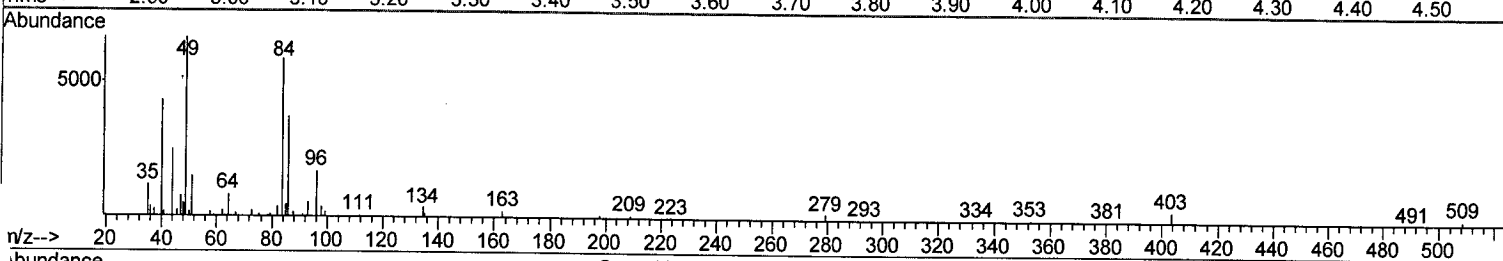
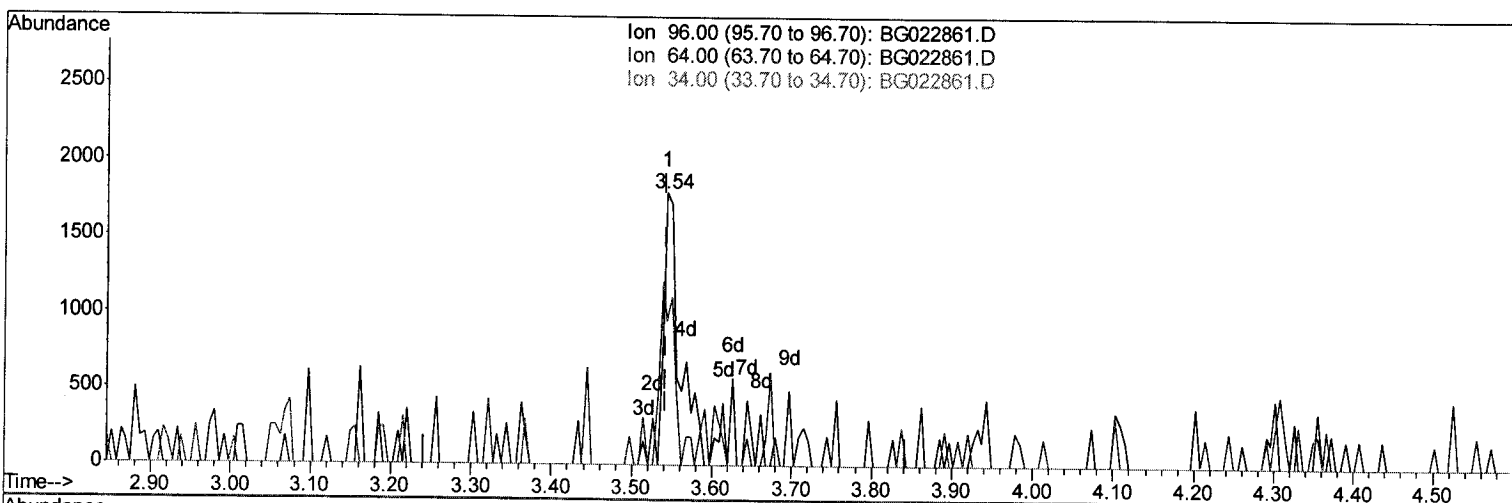
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
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Manual Integration

Quant Time: Jul 06 03:25:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
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(3) 1,4-Dioxane-d8 (S)

3.544min (+0.002) 0.87ng/uL m V.M

response 2691

07/11/16

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	53.33
34.00	0.00	0.00
0.00	0.00	0.00

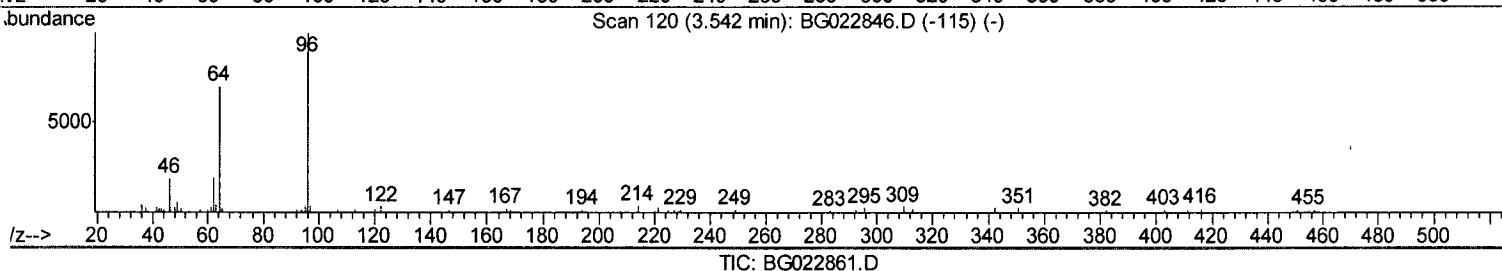
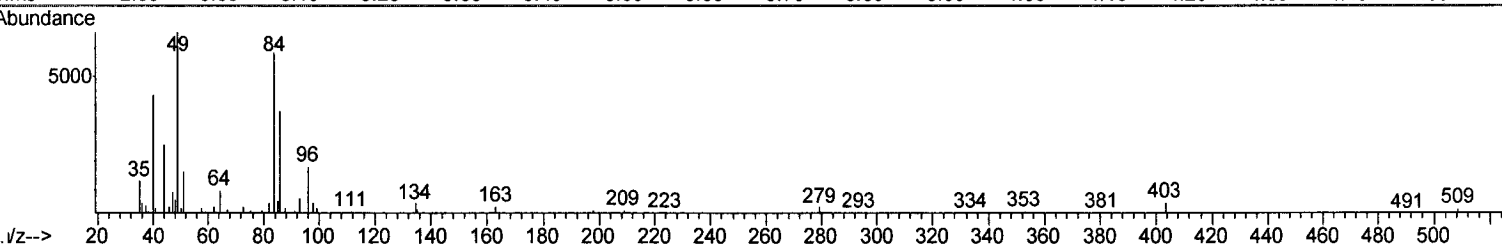
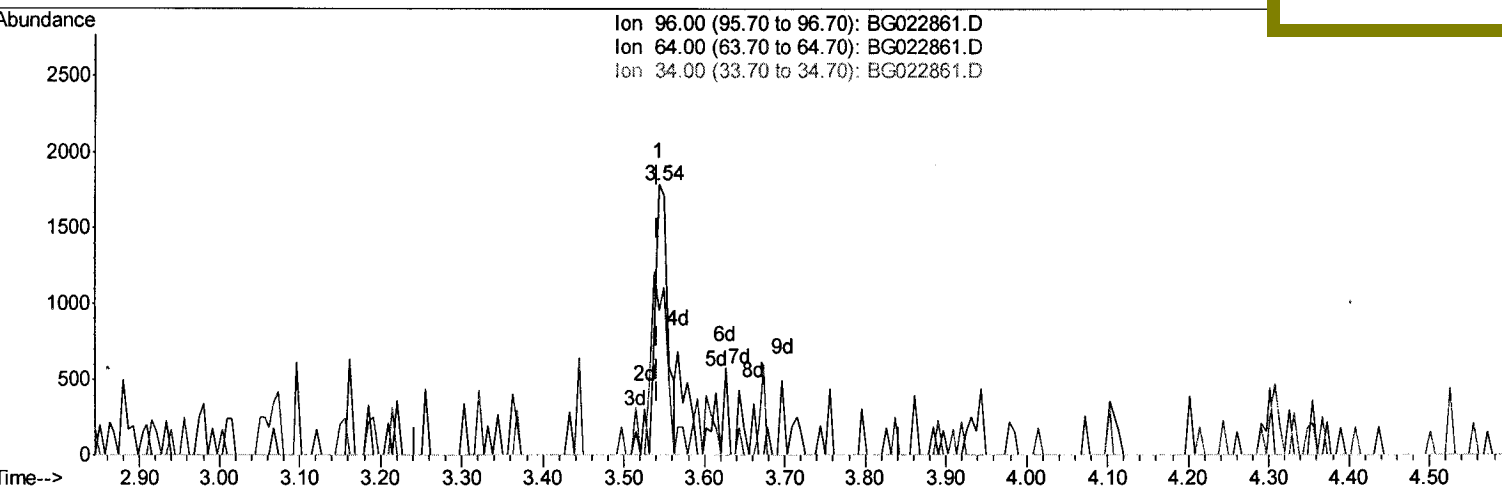
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Manual Integrati

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(3) 1,4-Dioxane-d8 (S)

3.544min (+0.002) 0.61ng/uL

response 1899

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	53.33
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

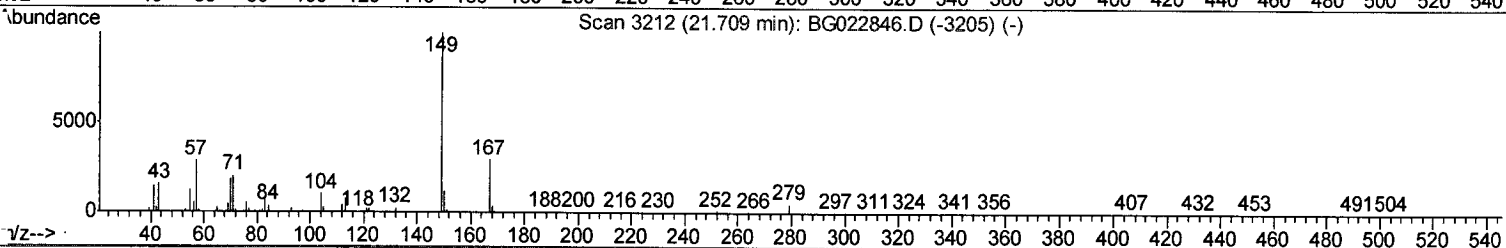
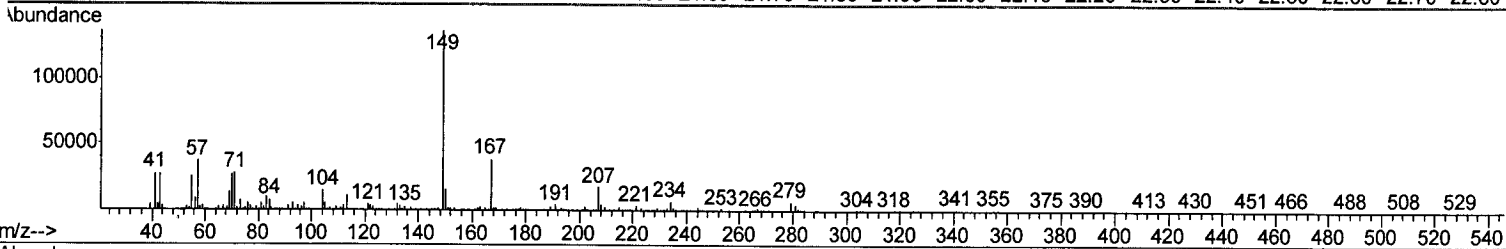
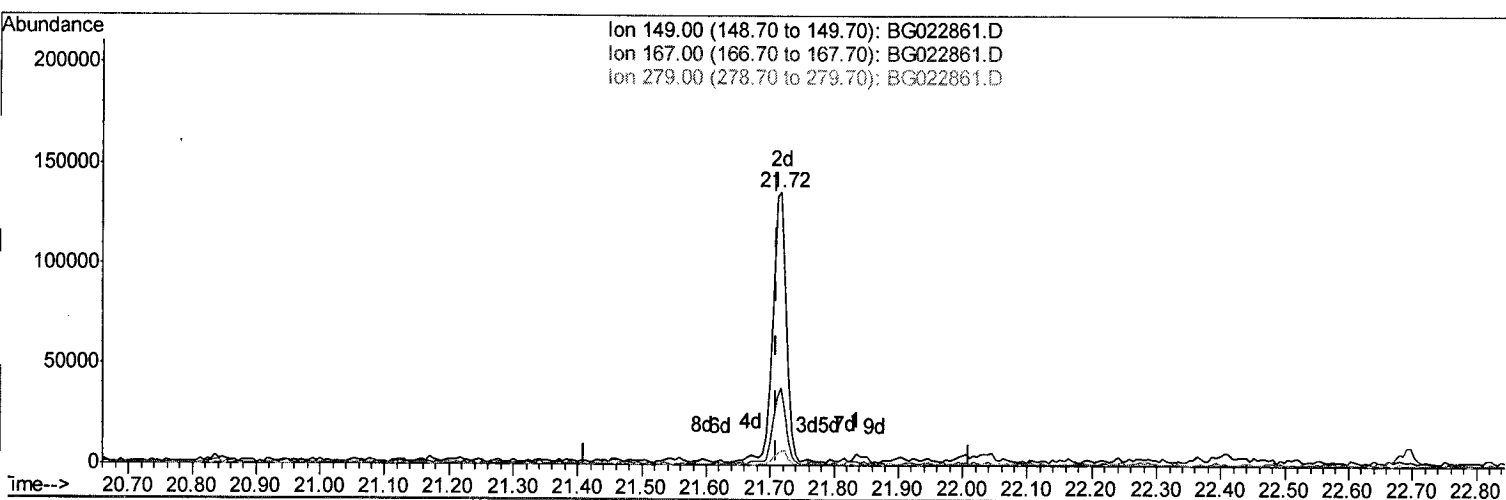
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TIC: BG022861.D

(81) Bis(2-ethylhexyl)phthalate

21.717min (+0.007) 5.97ng/ul m U.M

response 208802

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	28.42
279.00	3.60	4.92#
0.00	0.00	0.00

07/11/16

Quantitation Report (Qedit)

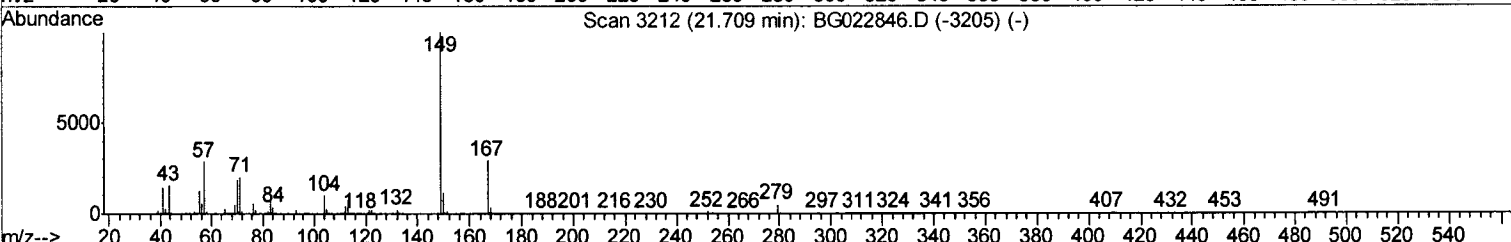
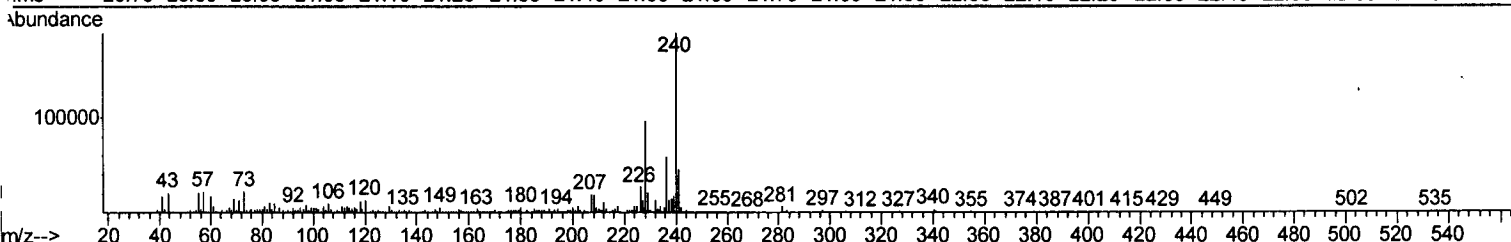
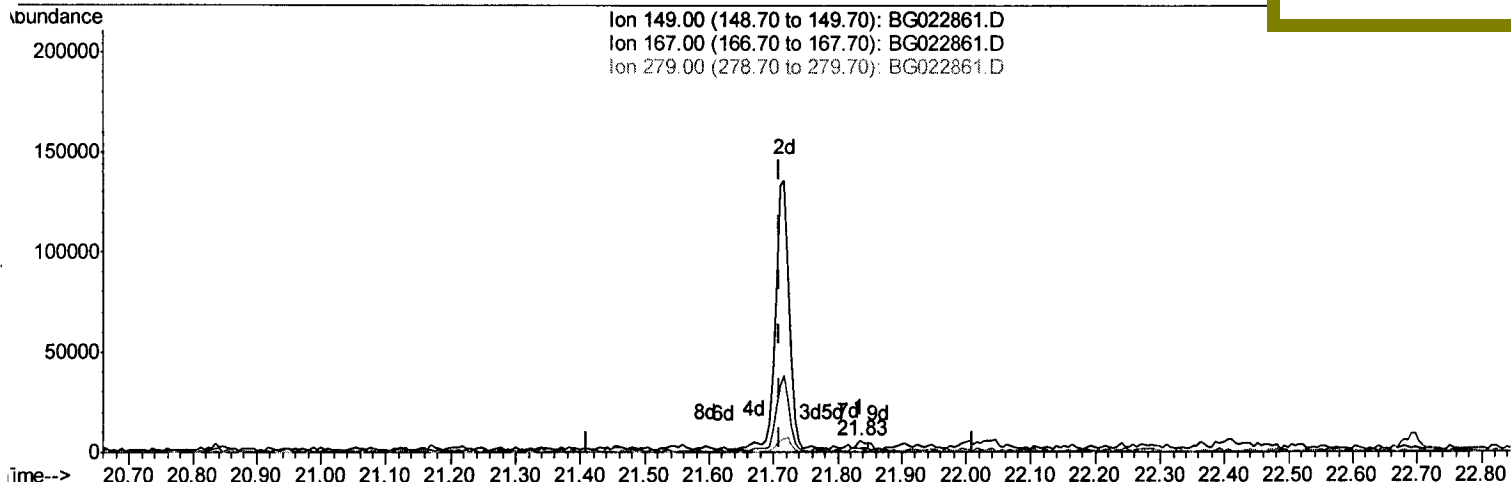
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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TIC: BG022861.D

(81) Bis(2-ethylhexyl)phthalate

21.834min (+0.125) 0.09ng/ui

response 3162

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	30.82
279.00	3.60	3.46
0.00	0.00	0.00

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 Data File : BG022861.D
 Acq On : 5 Jul 2016 22:06
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

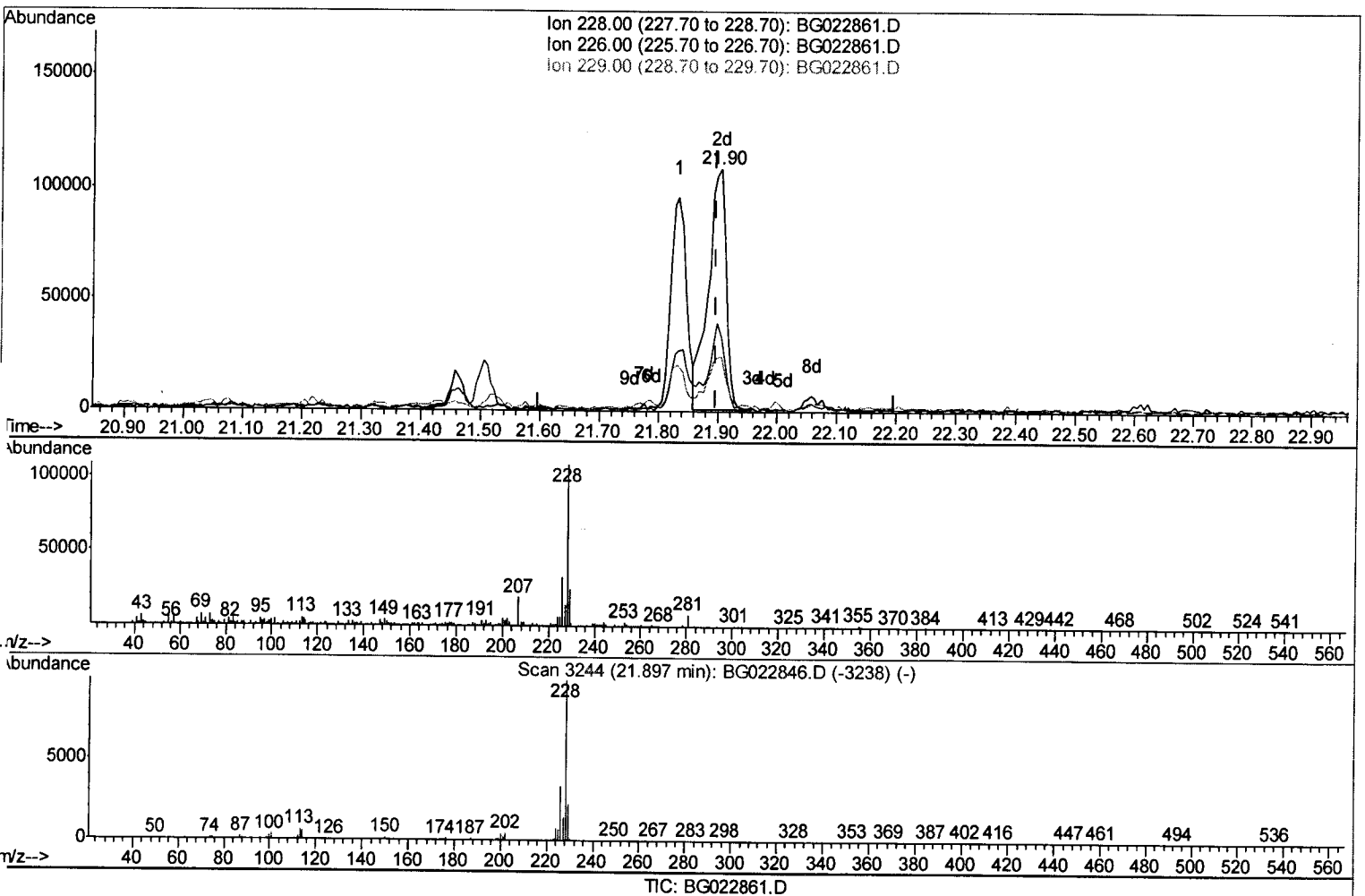
Instrument :
 BNA_G
 ClientSampleId :
 A4TW4

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(82) Chrysene

21.905min (+0.007) 3.38ng/ul m

response 225243

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	30.34
229.00	18.80	22.90#
0.00	0.00	0.00

U.M
 07/11/16

Quantitation Report (Qedit)

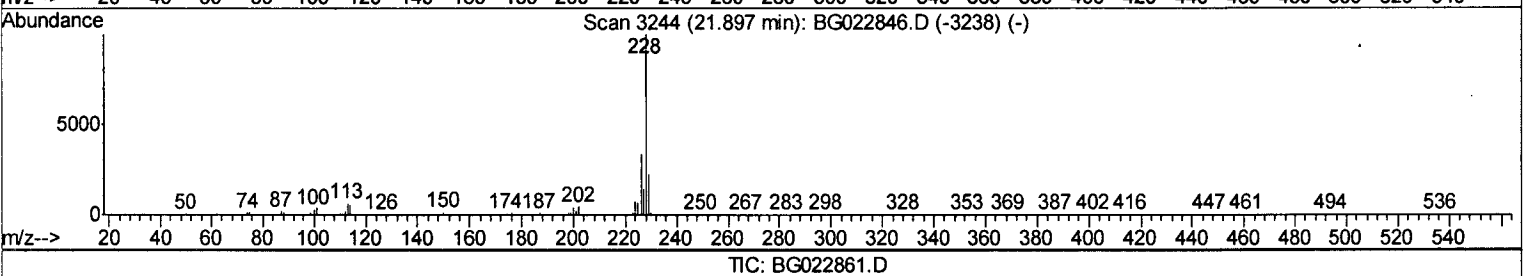
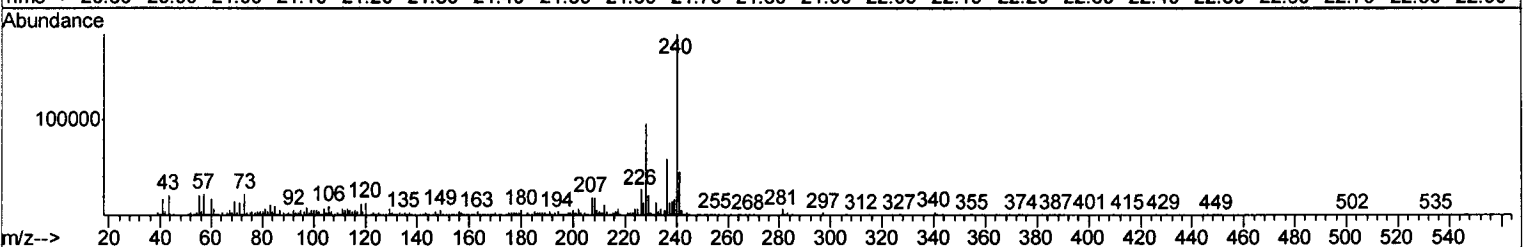
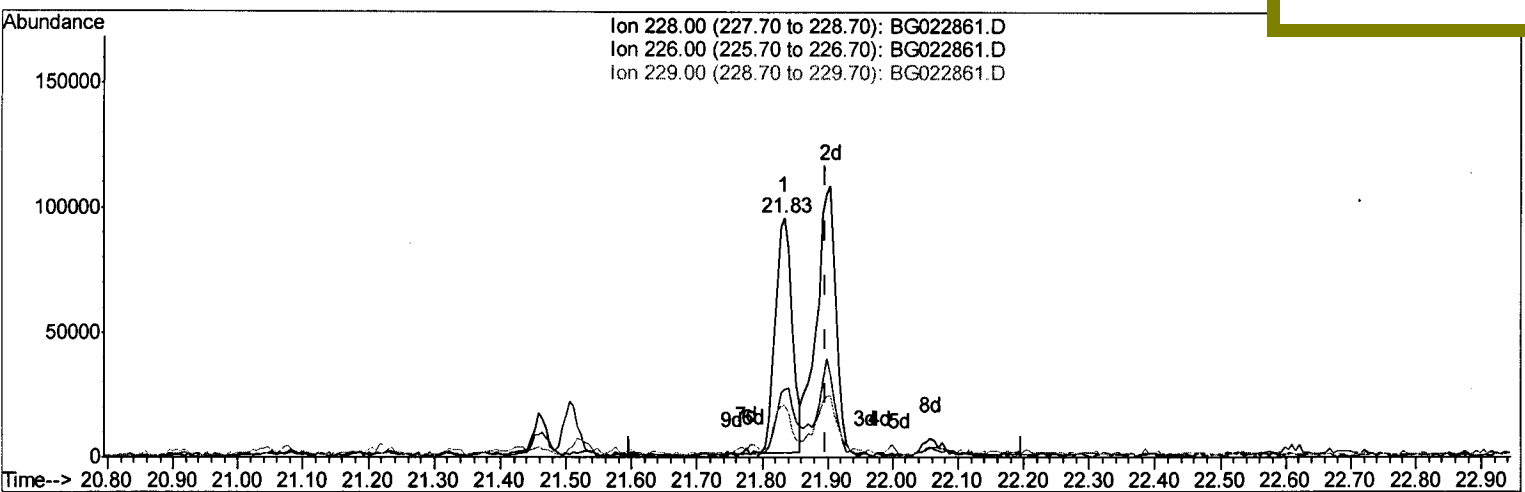
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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Manual Integration

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(82) Chrysene

21.834min (-0.063) 2.56ng/ul

response 170697

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	28.58
229.00	18.80	21.78
0.00	0.00	0.00

Quantitation Report (Qedit)

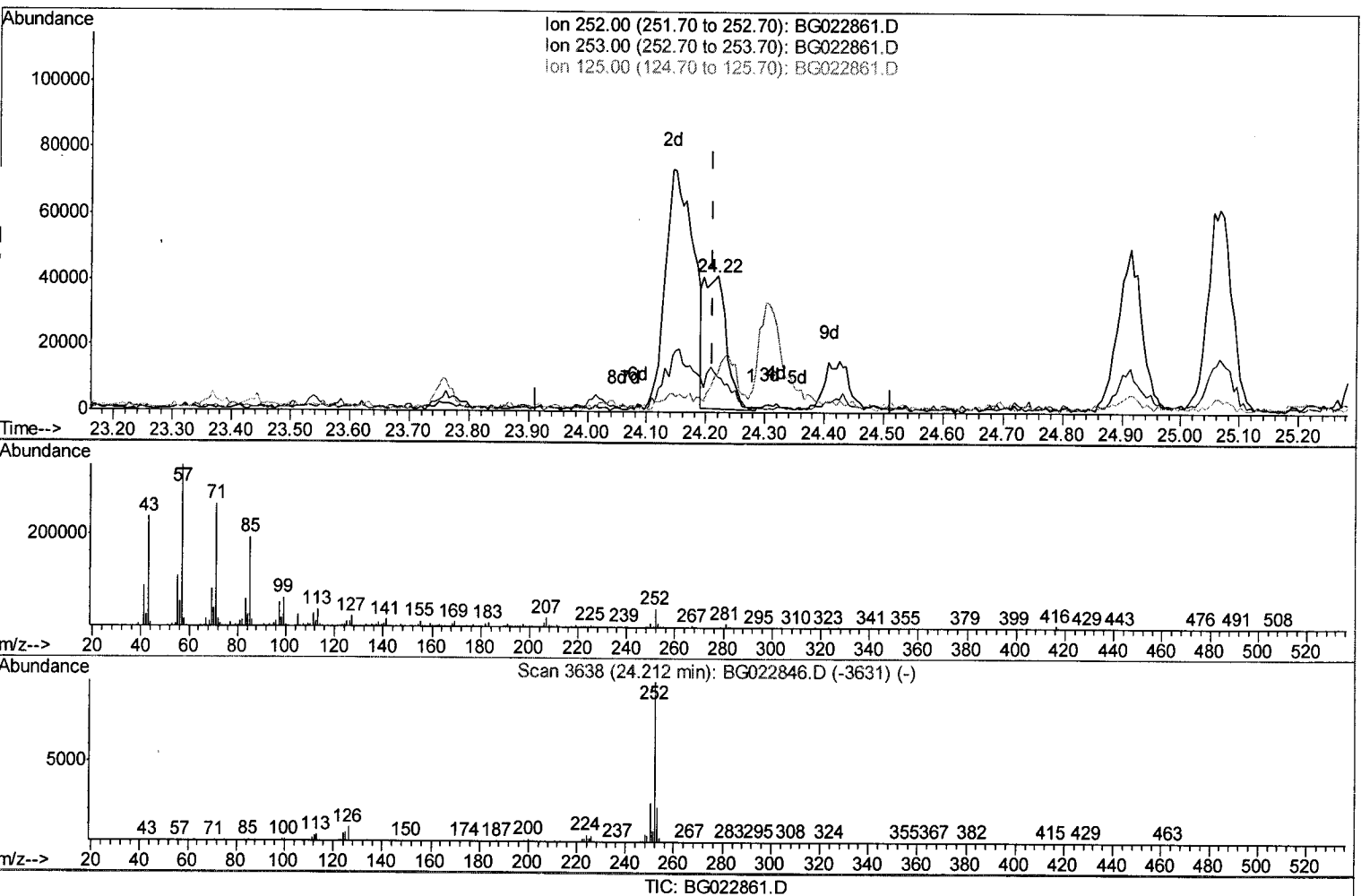
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 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 A4TW4

Manual Integration

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(86) Benzo(k)fluoranthene

24.220min (+0.007) 1.38ng/ul m U.M

response 105002

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	25.99#
125.00	13.30	29.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

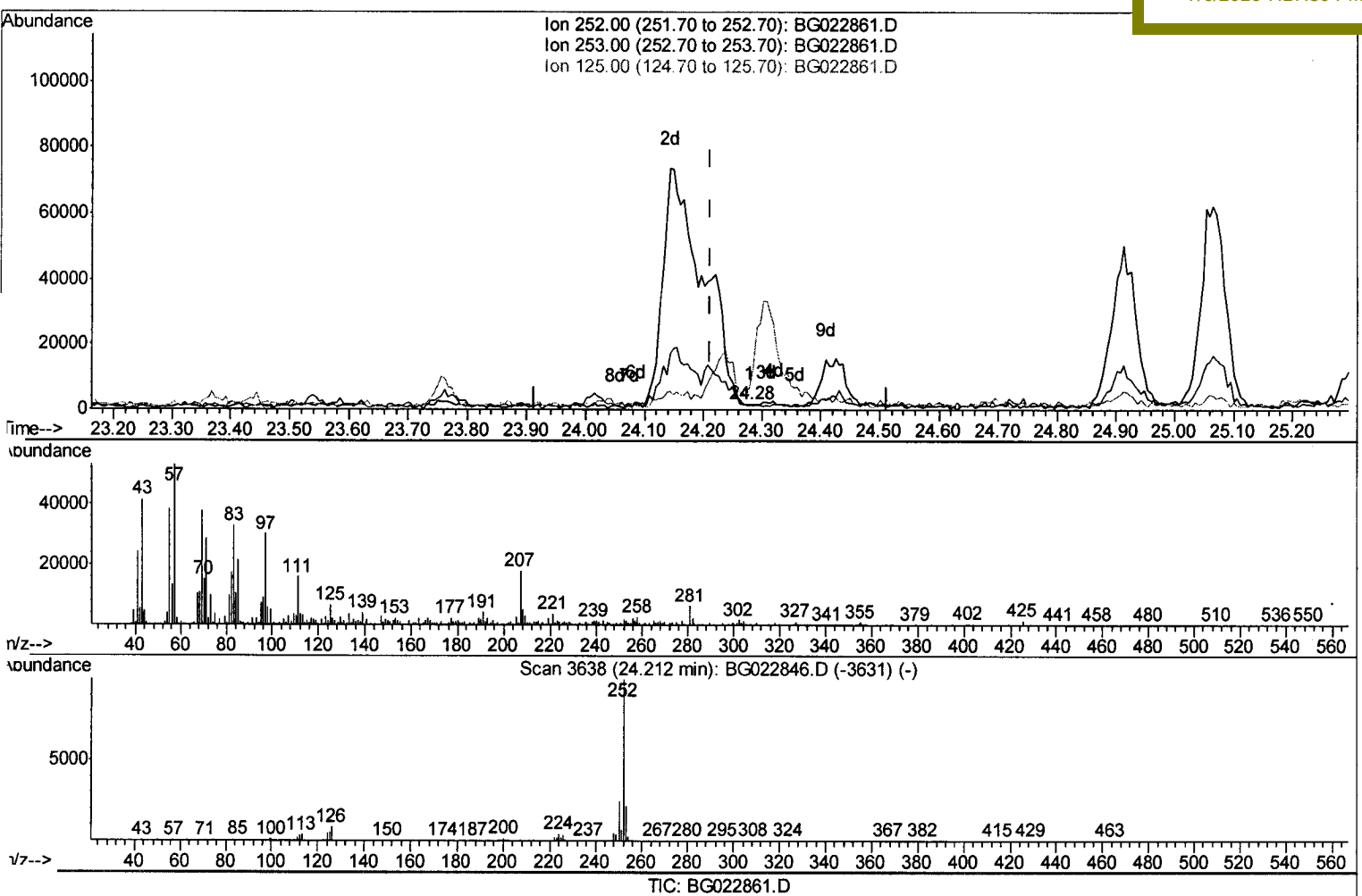
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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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(86) Benzo(k)fluoranthene

24.279min (+0.066) 0.00ng/ul

response 214

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	82.64#
125.00	13.30	374.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

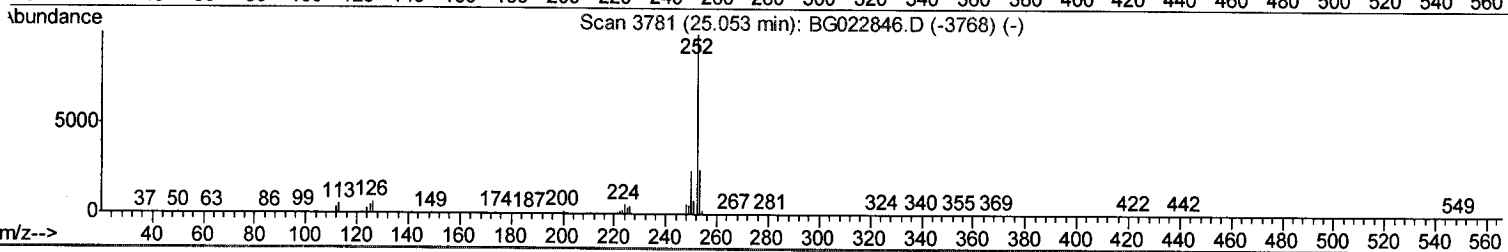
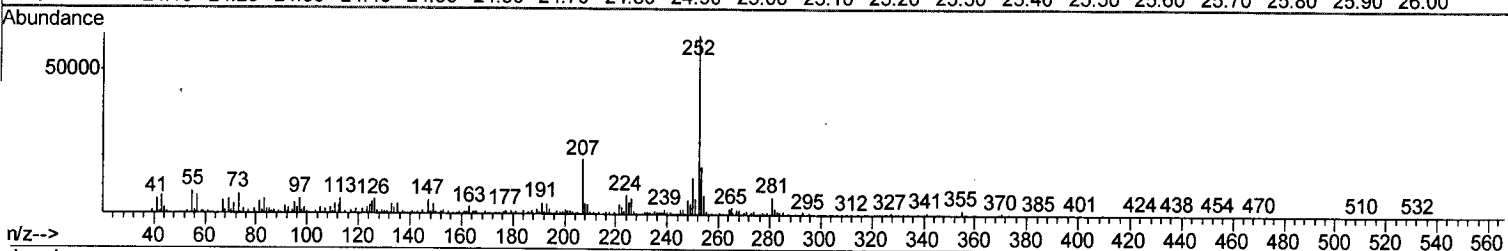
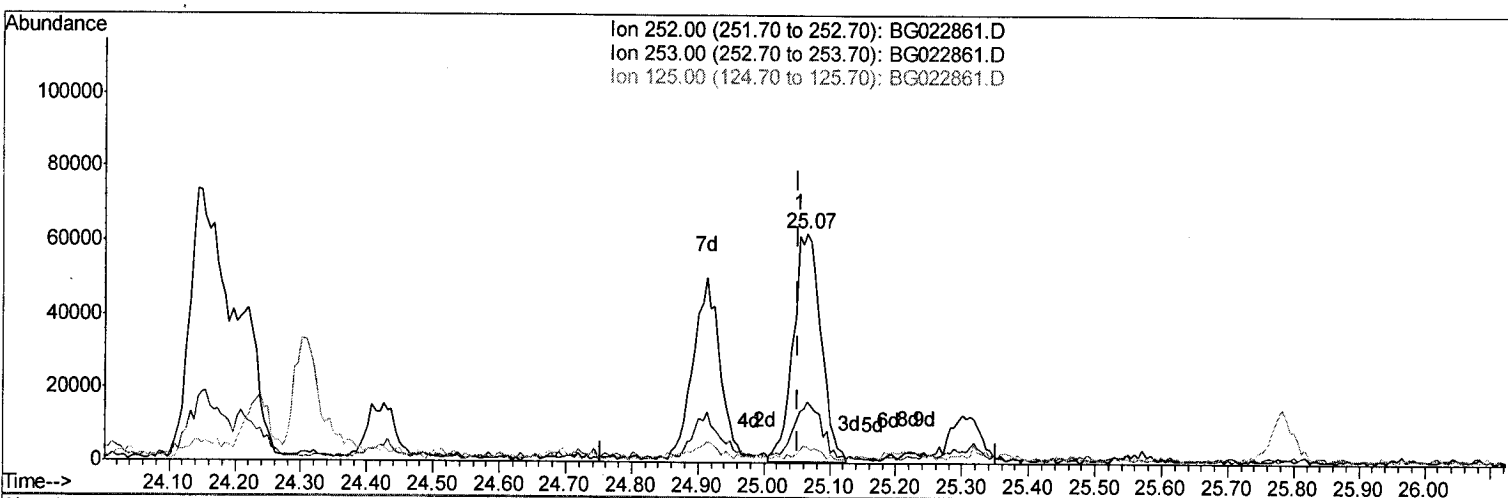
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 Sample : H3811-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 A4TW4

Manual Integration

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(88) Benzo(a)pyrene (C)

25.066min (+0.013) 2.37ng/ul m V.M
 response 181724 07/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	27.04
125.00	15.00	6.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

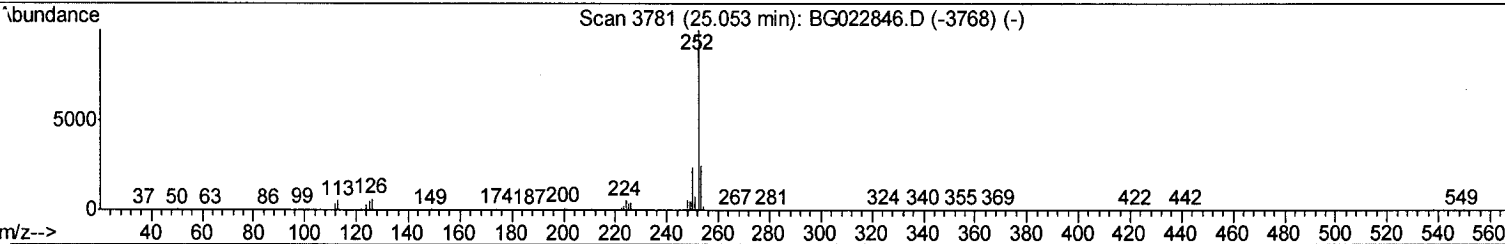
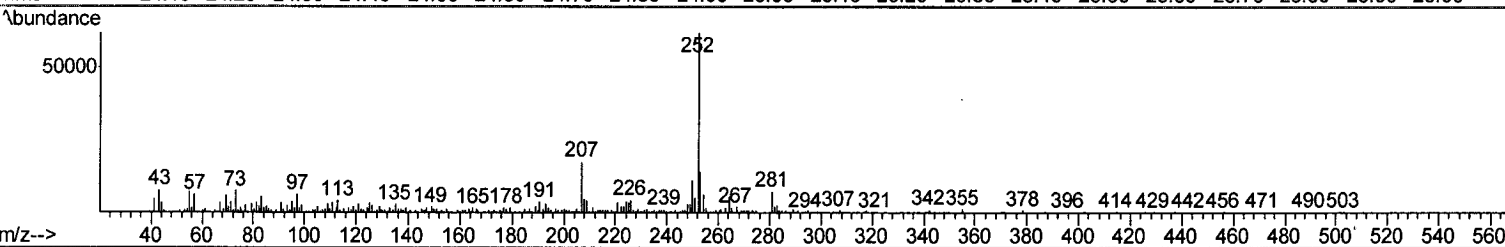
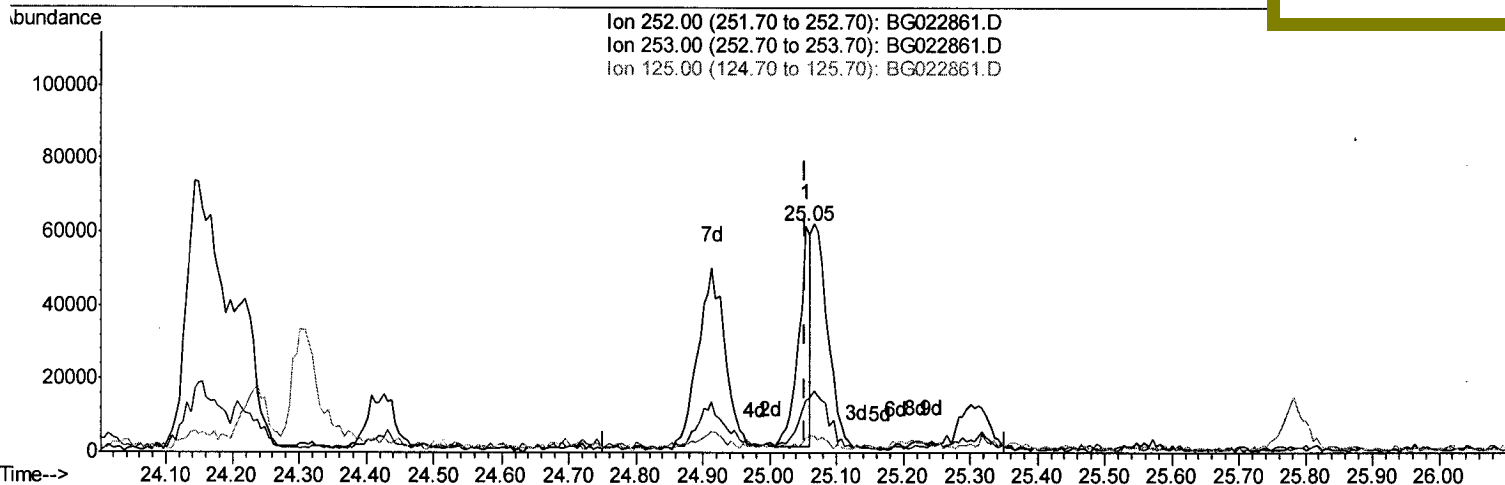
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Instrument :
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 ClientSampleId :
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TIC: BG022861.D

(88) Benzo(a)pyrene (C)

25.054min (+0.002) 1.01ng/ul

response 77288

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.92
125.00	15.00	5.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

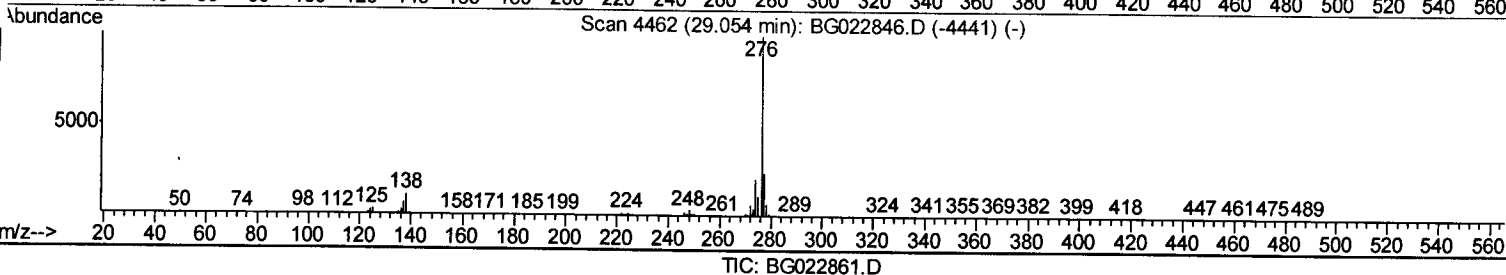
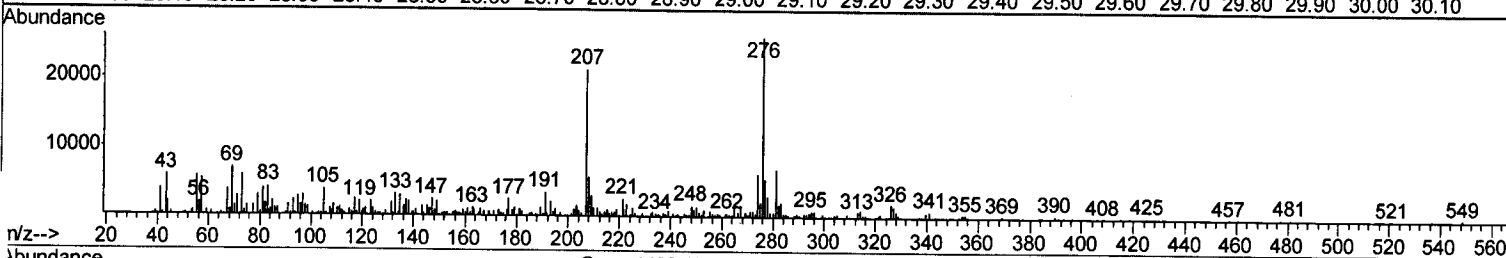
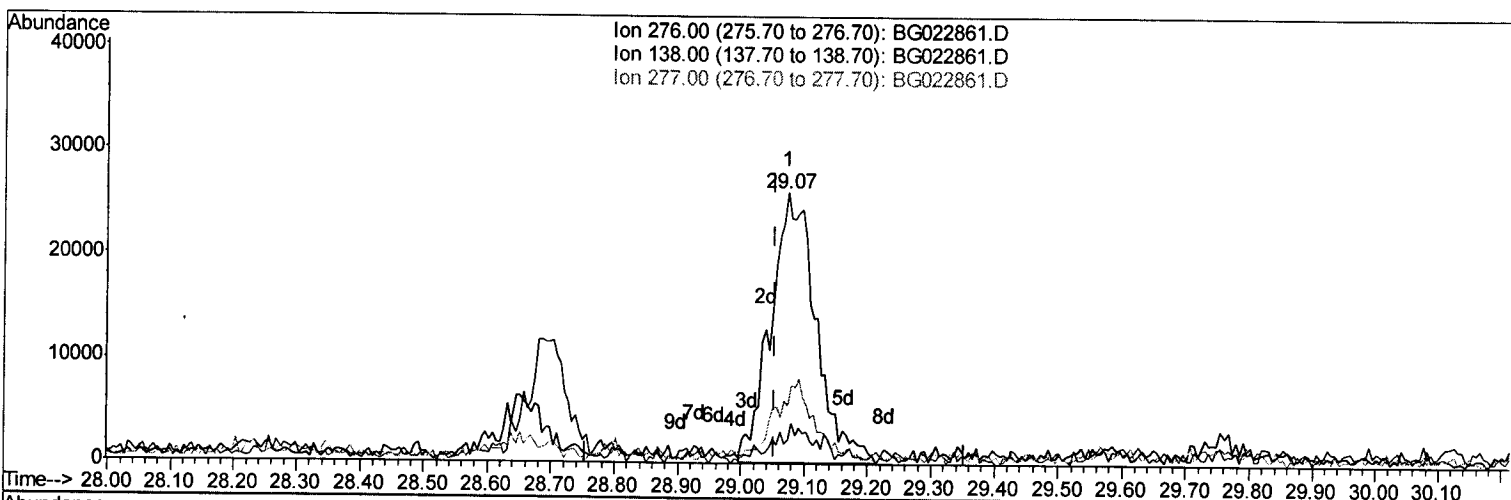
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(89) Indeno(1,2,3-cd)pyrene

29.073min (+0.019) 1.59ng/ul m U.M

response 128952

07/11/16

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	8.67#
277.00	22.00	21.51
0.00	0.00	0.00

Quantitation Report (Qedit)

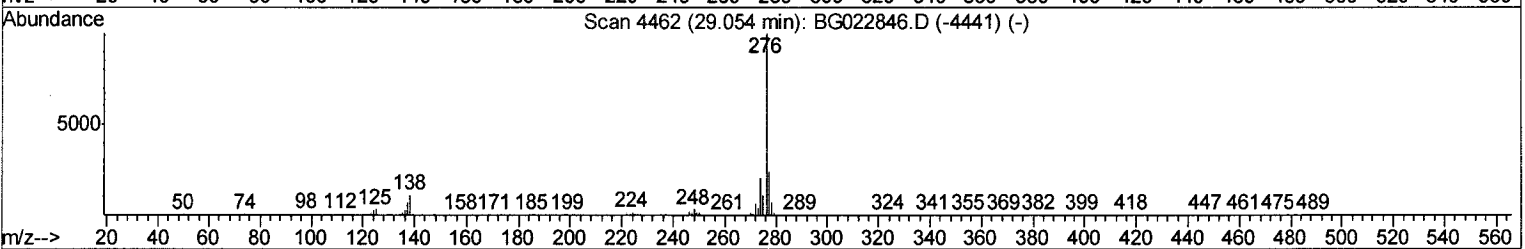
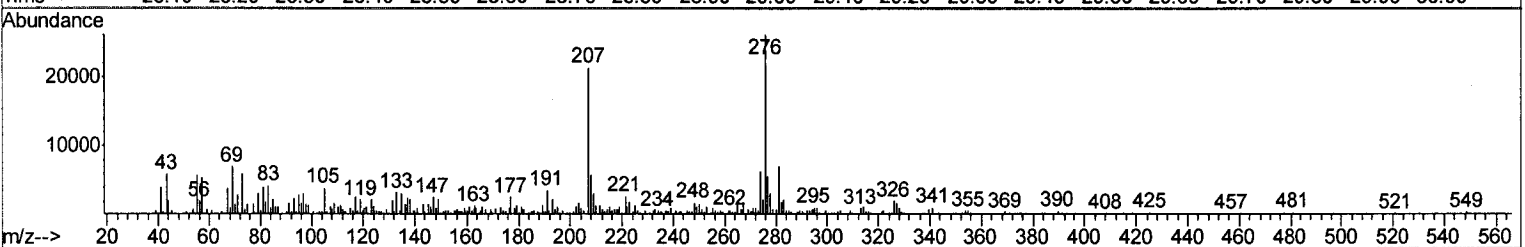
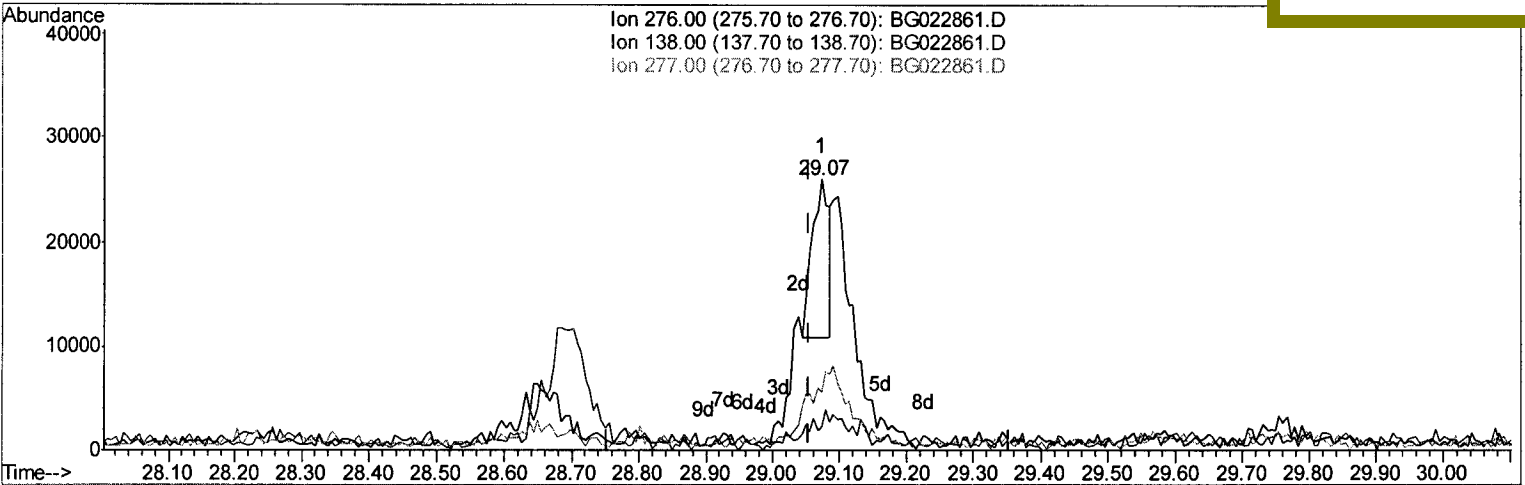
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TIC: BG022861.D

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

29.073min (+0.019) 0.33ng/ul

response 26773

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	8.67#
277.00	22.00	21.51
0.00	0.00	0.00

Quantitation Report (Qedit)

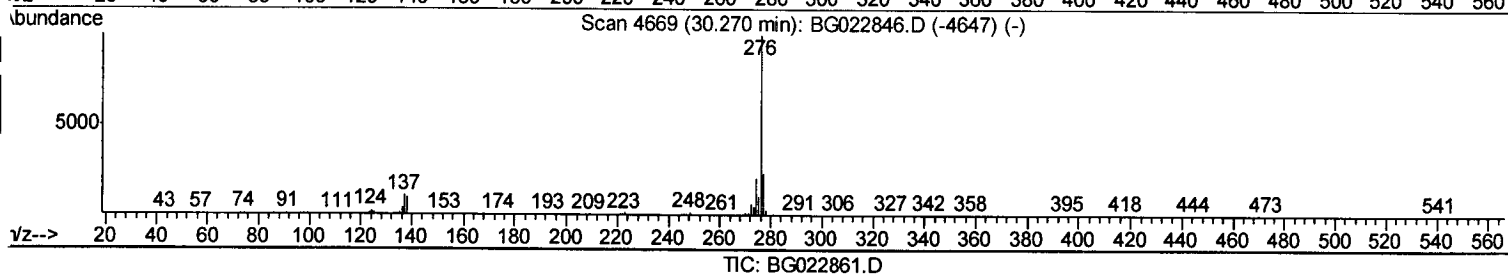
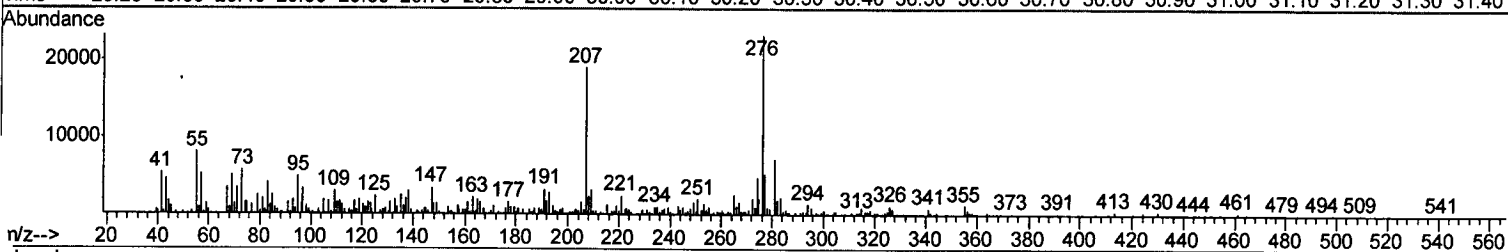
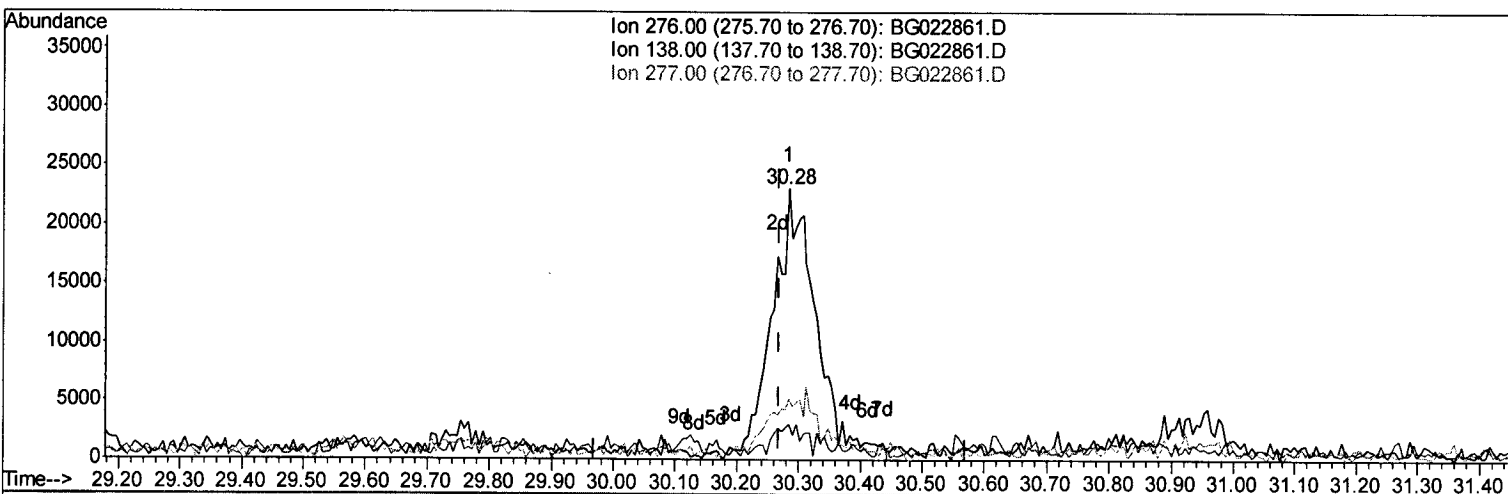
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Quant Time: Jul 06 04:47:20 2016
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TIC: BG022861.D

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

30.283min (+0.013) 1.82ng/ul m

response 116015

Ion Exp% Act%

276.00 100 100

138.00 27.60 13.41#

277.00 21.20 22.91

0.00 0.00 0.00

Quantitation Report (Qedit)

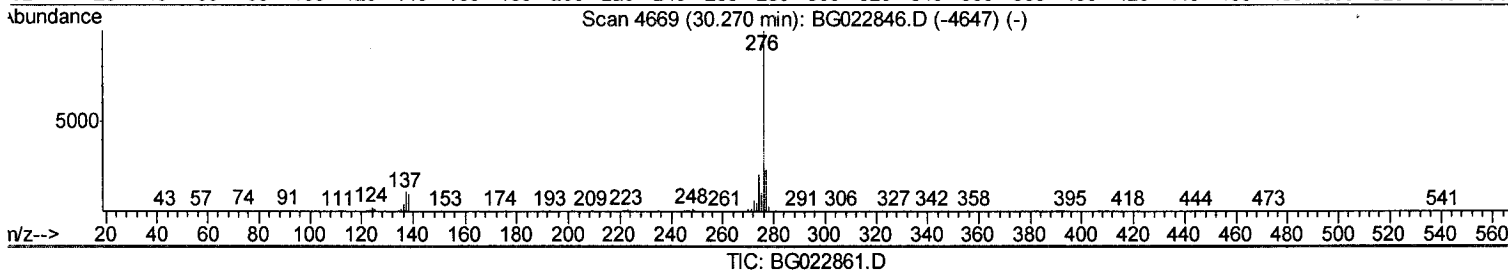
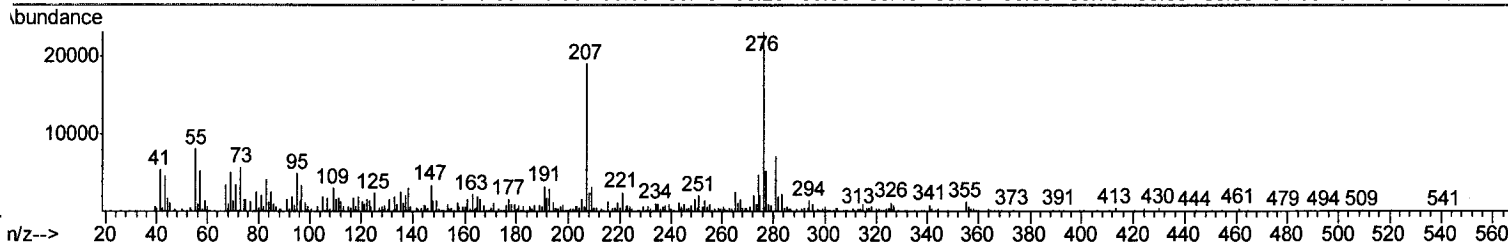
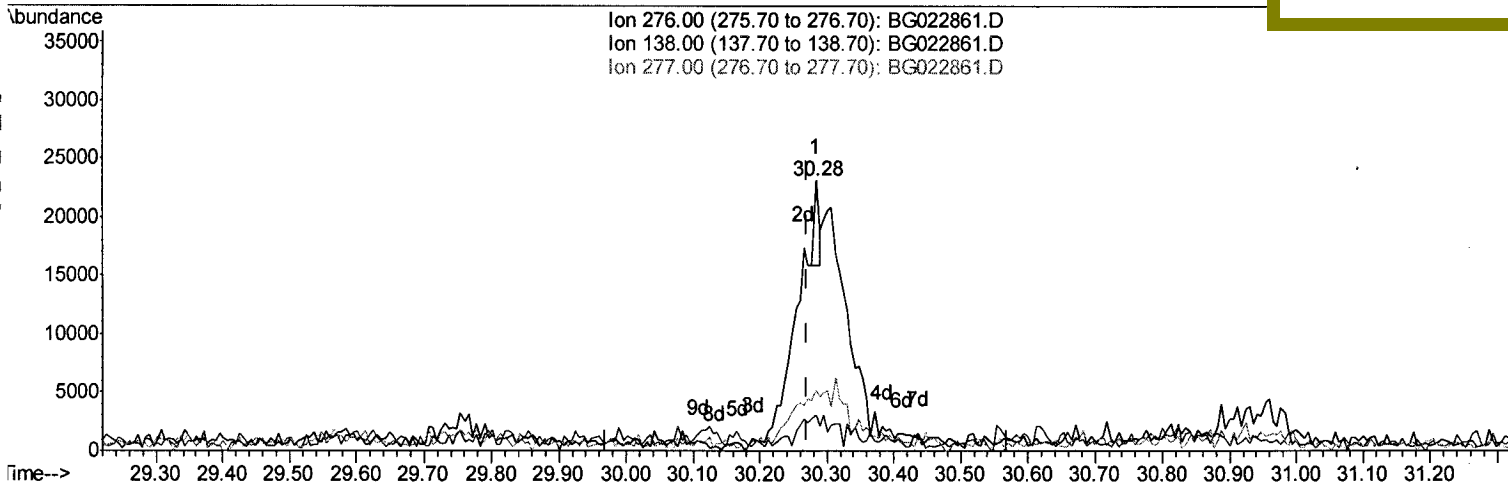
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(91) Benzo(g,h,i)perylene

30.283min (+0.013) 0.06ng/ul

response 3635

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	13.41#
277.00	21.20	22.91
0.00	0.00	0.00

Quantitation Report (Qedit)

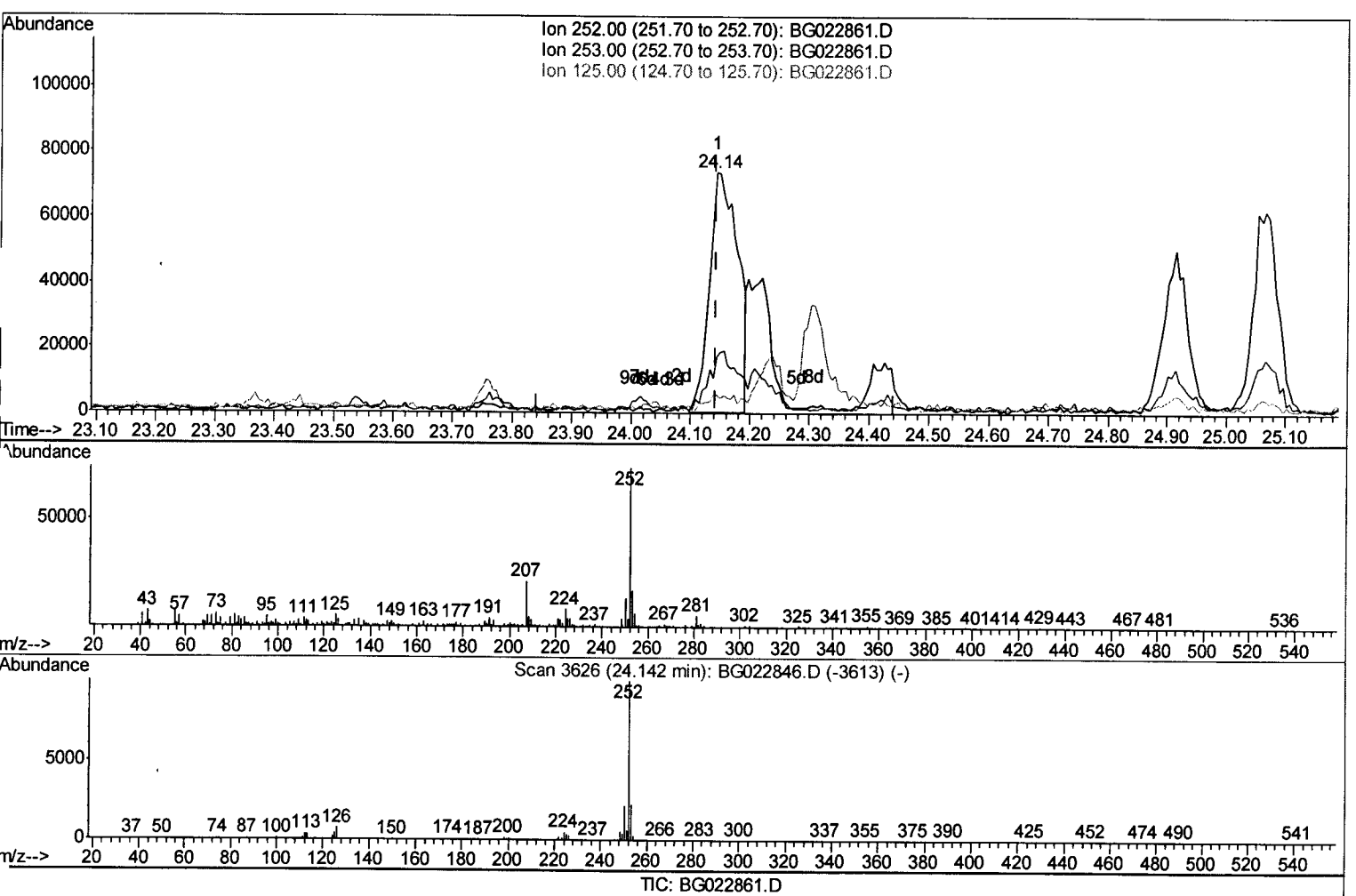
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Instrument :
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Manual Integration

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 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration



(85) Benzo(b)fluoranthene

24.143min (+0.002) 2.99ng/ul m U.M
 response 242098 07/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.22
125.00	13.50	7.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

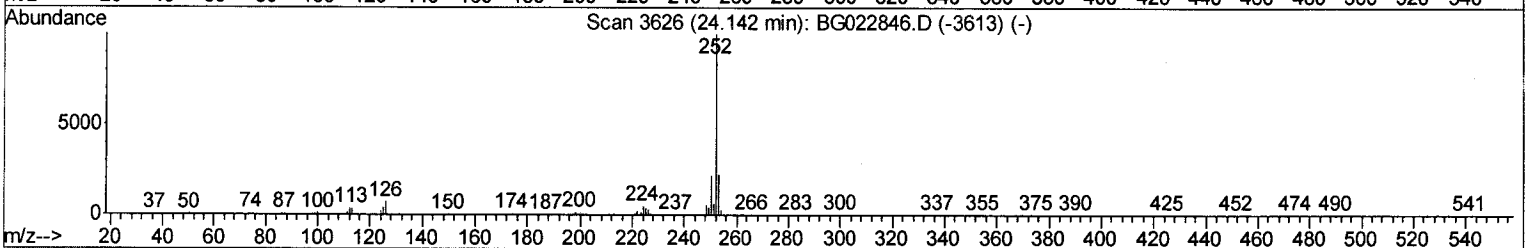
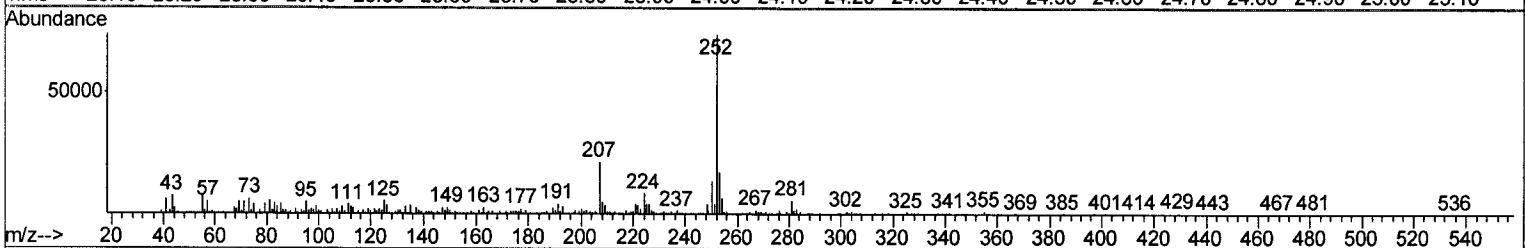
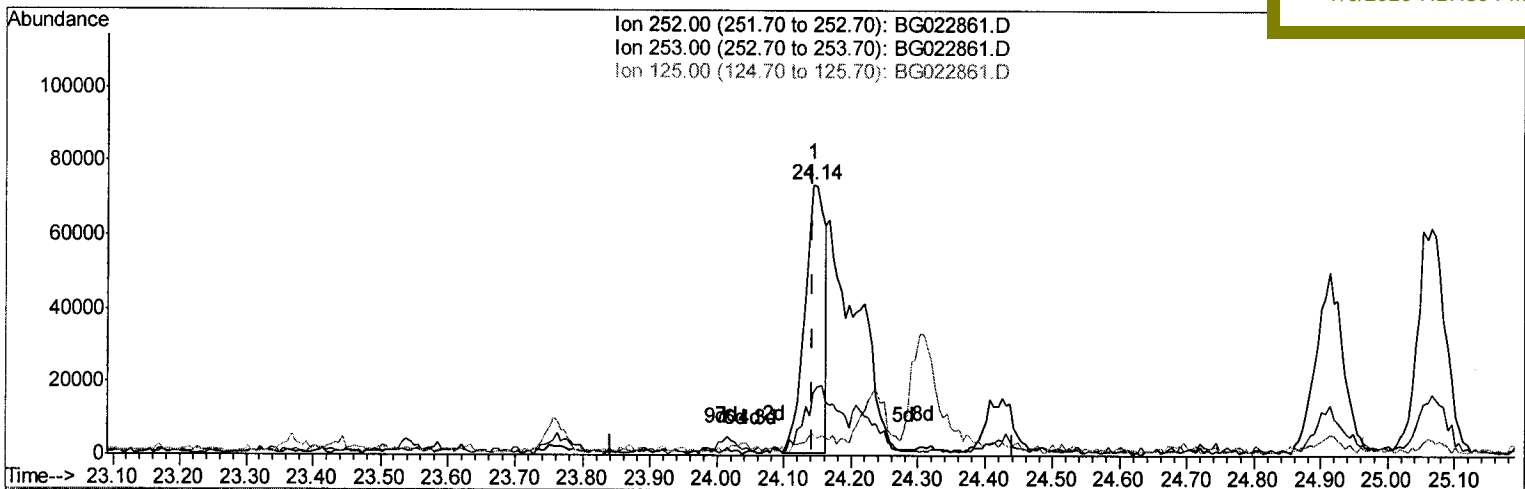
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022861.D
Acq On : 5 Jul 2016 22:06
Operator : UM/SJ
Sample : H3811-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
A4TW4

Quant Time: Jul 06 04:48:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Manual Integration

sohil
7/6/2016 7:17:30 PM



TIC: BG022861.D

(85) Benzo(b)fluoranthene

24.143min (+0.002) 1.90ng/ul

response 153796

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.22
125.00	13.50	7.60#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022861.D
 Acq On : 5 Jul 2016 22:06
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW4

Quant Time: Jul 06 11:48:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integration

sohil
 7/6/2016 7:17:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	173242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	785522	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	563019	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1184686	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1248315	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1293662	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2691m	0.87	ng/uL	0.00
5) Phenol-d5	7.30	99	209128	11.48	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.47	67	125364	12.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	138547	11.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	174720	12.34	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	81283	12.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	92375	12.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192853	12.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	657	0.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	655871	14.34	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	720126	13.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	111444	15.52	ng/ul	0.00
57) Fluorene-d10	15.79	176	611162	14.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	89588	11.76	ng/ul	0.00
70) Anthracene-d10	17.65	188	914395	16.61	ng/ul	0.00
76) Pyrene-d10	19.93	212	1210323	20.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1158340	18.85	ng/ul	0.01

Target Compounds

					Qvalue	
44) Dimethylphthalate	14.24	163	191676	4.10	ng/ul#	96
69) Phenanthrene	17.59	178	114528	1.89	ng/ul	98
74) Fluoranthene	19.60	202	302082	4.79	ng/ul#	86
77) Pyrene	19.96	202	361314	5.17	ng/ul#	81
80) Benzo(a)anthracene	21.83	228	170245	2.33	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	208802m	5.97	ng/ul	
82) Chrysene	21.90	228	225243m	3.38	ng/ul	
85) Benzo(b)fluoranthene	24.14	252	242098m	2.99	ng/ul	
86) Benzo(k)fluoranthene	24.22	252	105002m	1.38	ng/ul	
88) Benzo(a)pyrene	25.07	252	181724m	2.37	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.07	276	128952m	1.59	ng/ul	
91) Benzo(g,h,i)perylene	30.28	276	116015m	1.82	ng/ul	

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