

Quantitation Report (QT Reviewed)

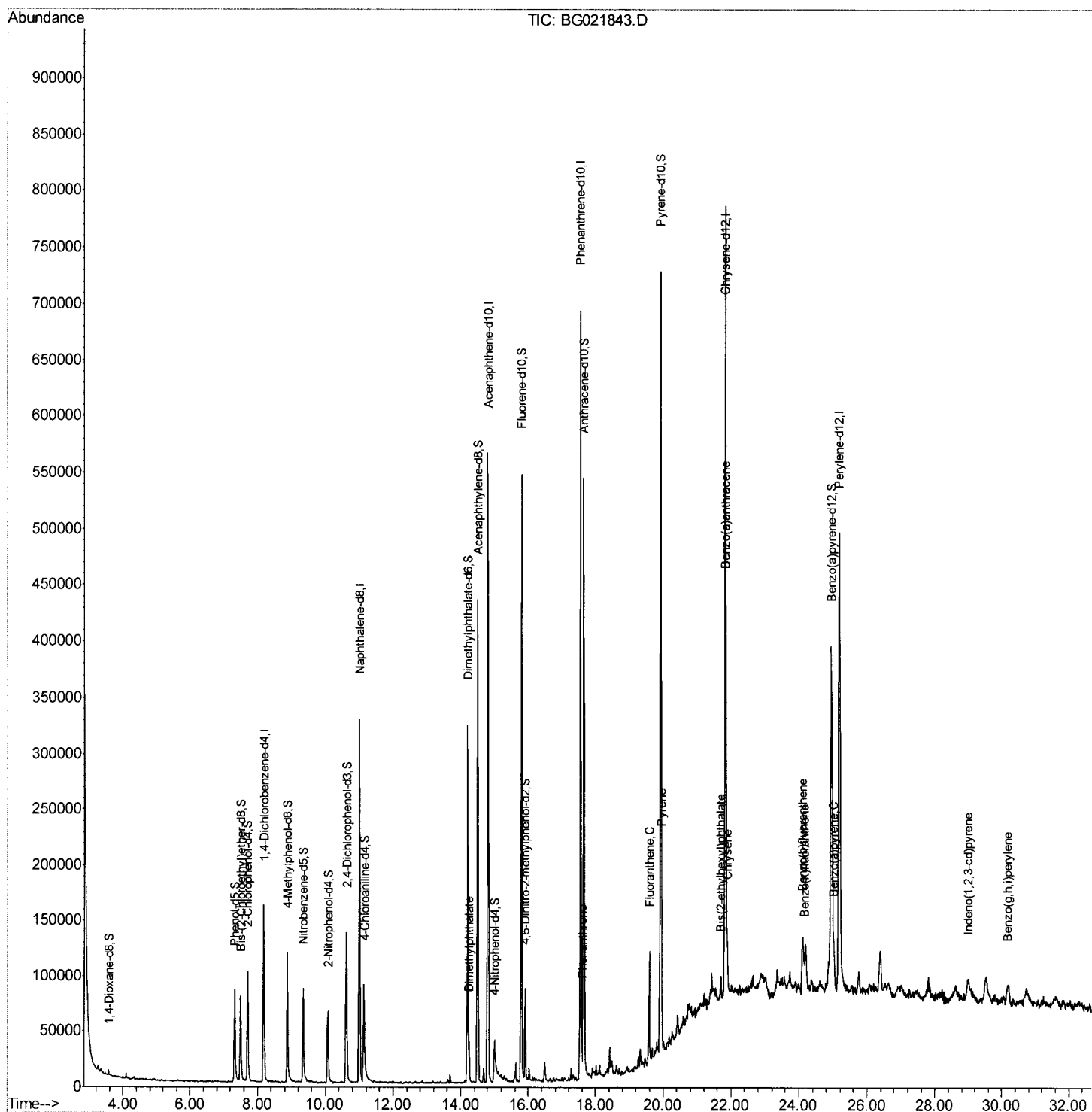
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021843.D
 Acq On : 11 May 2016 14:20
 Operator : UM/SJ
 Sample : H2937-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X89

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:30:15 PM

Quant Time: May 12 06:40:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

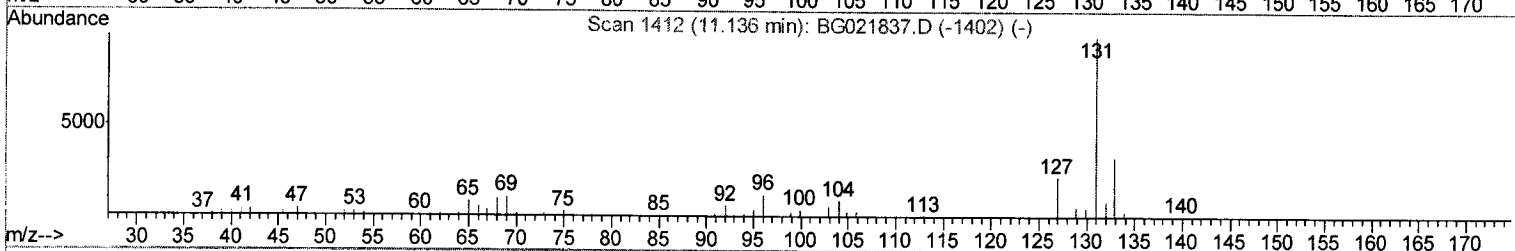
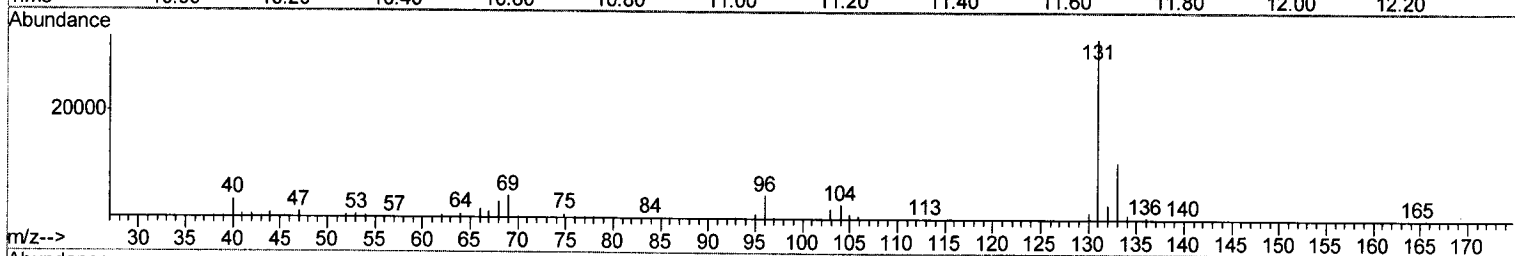
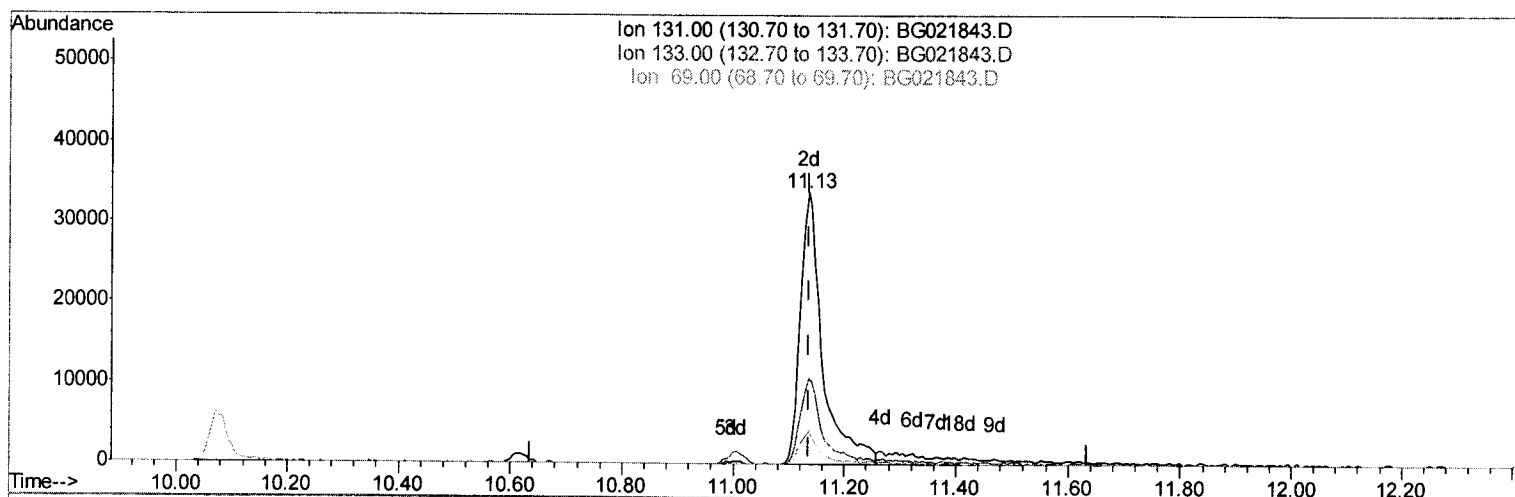
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021843.D
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Quant Time: May 12 04:49:09 2016
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TIC: BG021843.D

(29) 4-Chloroaniline-d4 (S)

11.134min (-0.001) 19.80ng/ul m

response 93418

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.57
69.00	23.00	12.41#
0.00	0.00	0.00

V.M
 05/14/16

Quantitation Report (Qedit)

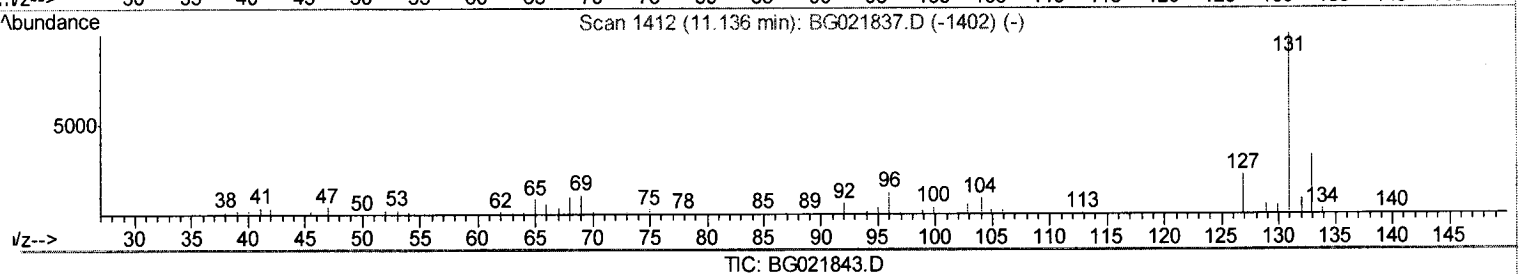
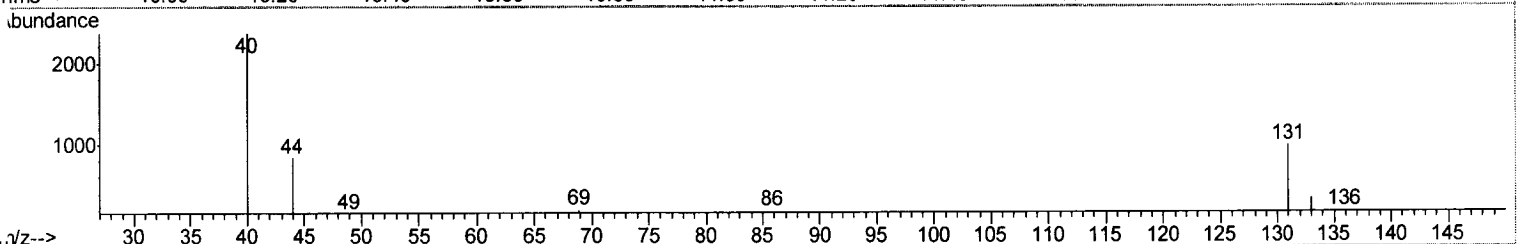
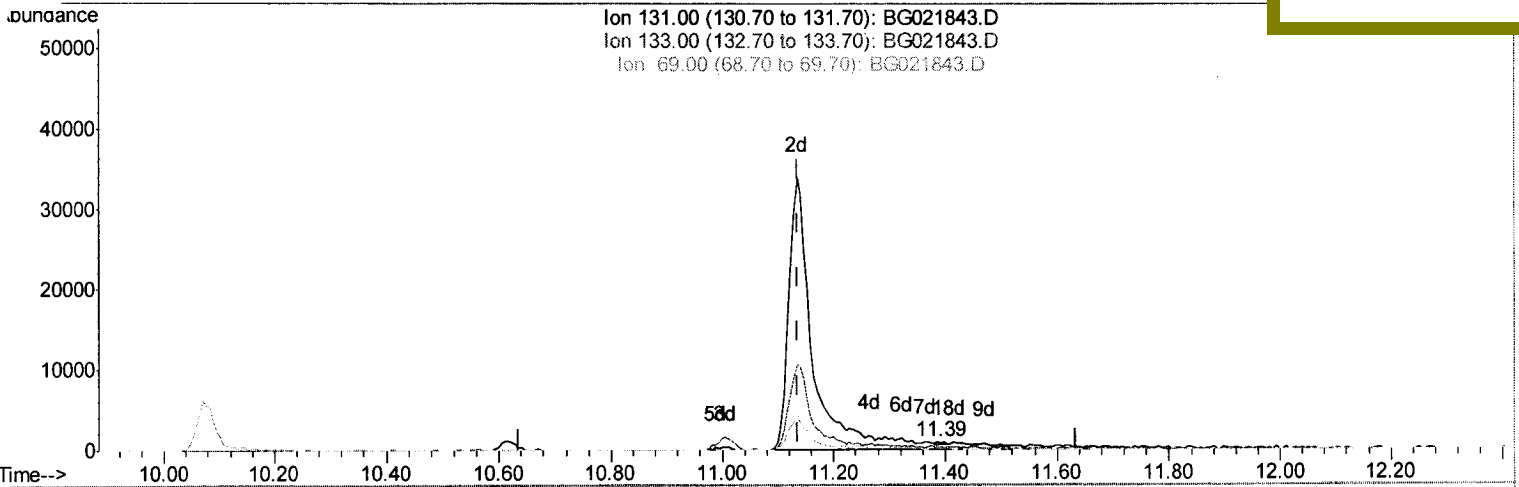
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Data File : BG021843.D
Acq On : 11 May 2016 14:20
Operator : UM/SJ
Sample : H2937-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9X89

Quant Time: May 12 04:49:09 2016
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(29) 4-Chloroaniline-d4 (S)

11.387min (+0.251) 0.05ng/ul

response 255

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	34.18
69.00	23.00	20.65
0.00	0.00	0.00

Quantitation Report (Qedit)

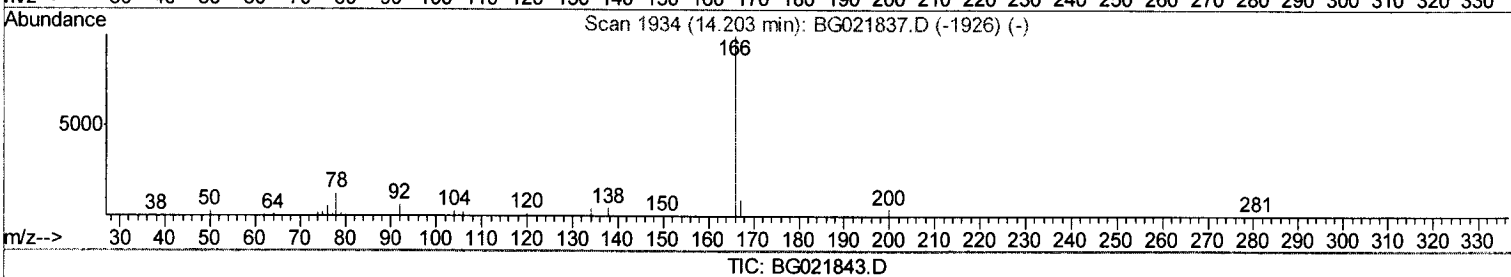
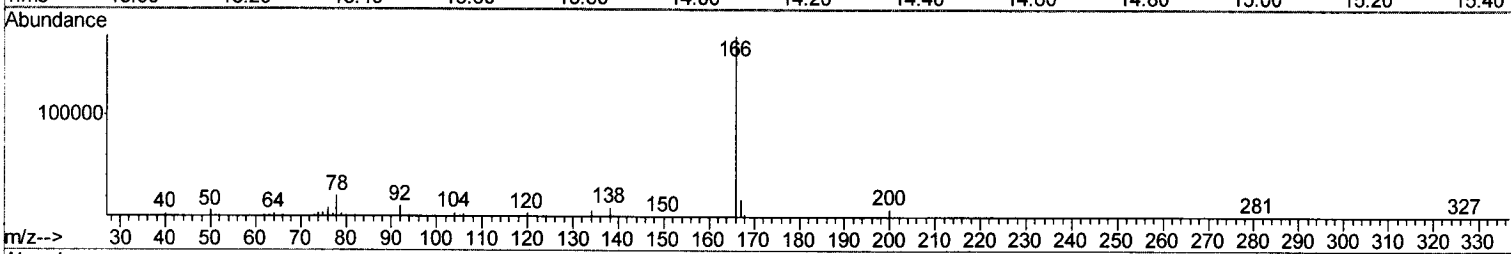
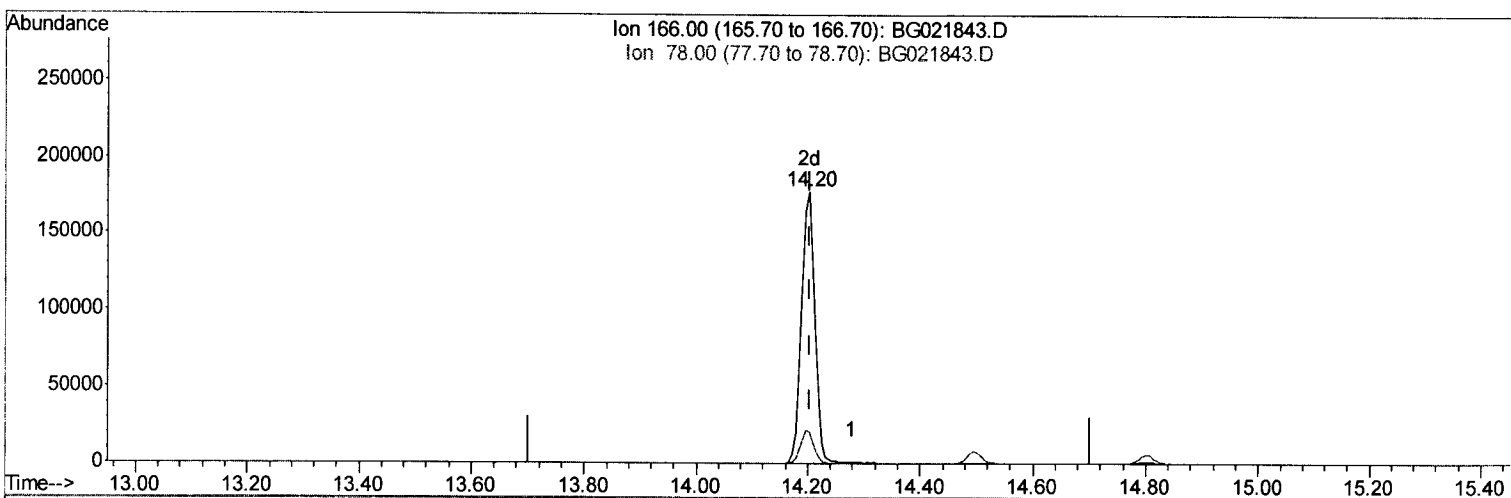
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(44) Dimethylphthalate-d6 (S)

14.201min (-0.001) 18.40ng/ul m

response 291492

Ion	Exp%	Act%
166.00	100	100
78.00	22.30	11.68#
0.00	0.00	0.00
0.00	0.00	0.00

UM
 05/14/16

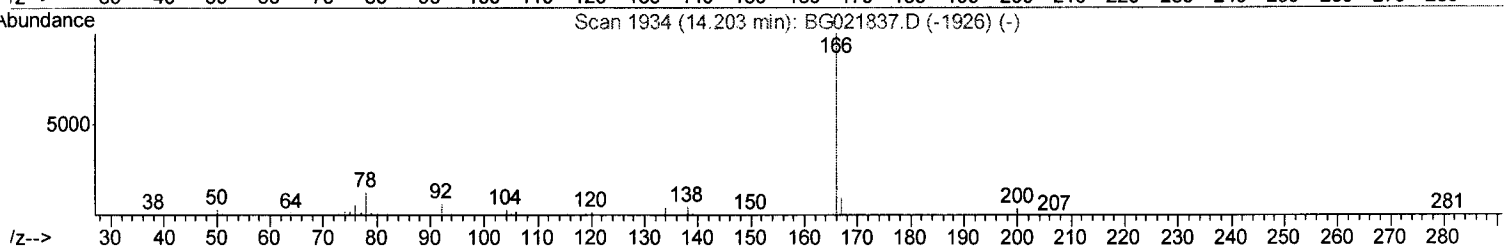
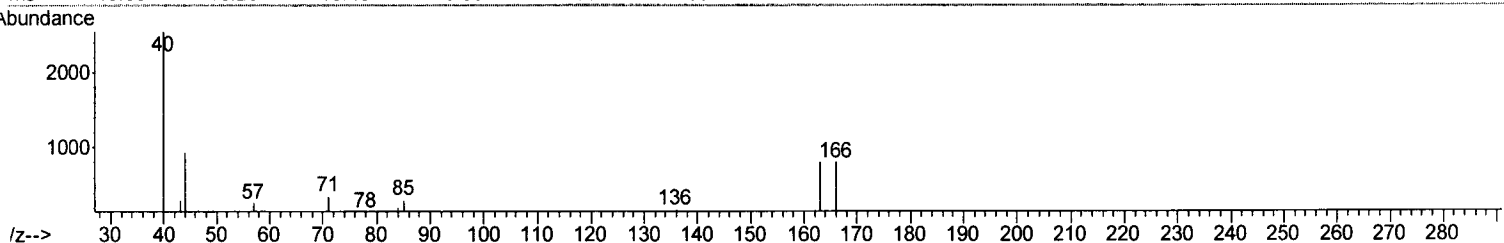
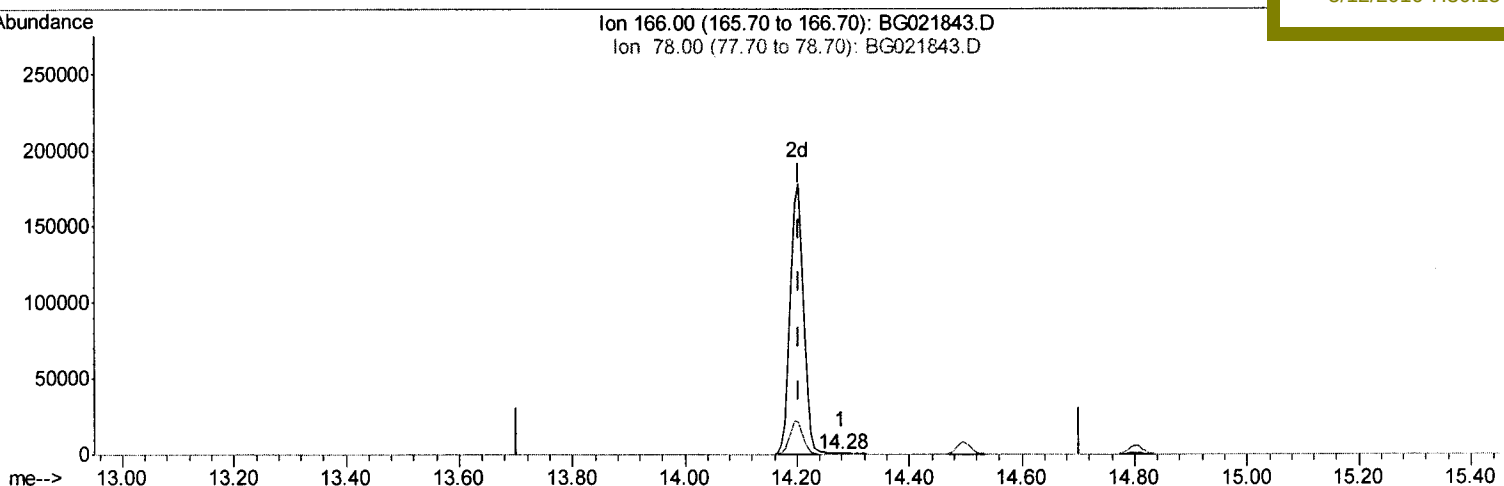
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021843.D
Acq On : 11 May 2016 14:20
Operator : UM/SJ
Sample : H2937-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG021843.D

(44) Dimethylphthalate-d6 (S)

14.278min (+0.075) 0.04ng/ul

response 631

Ion	Exp%	Act%
166.00	100	100
78.00	22.30	18.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

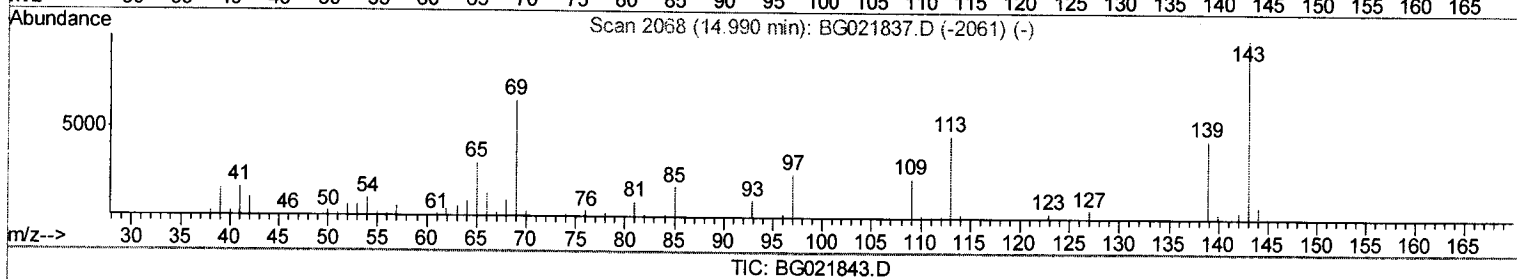
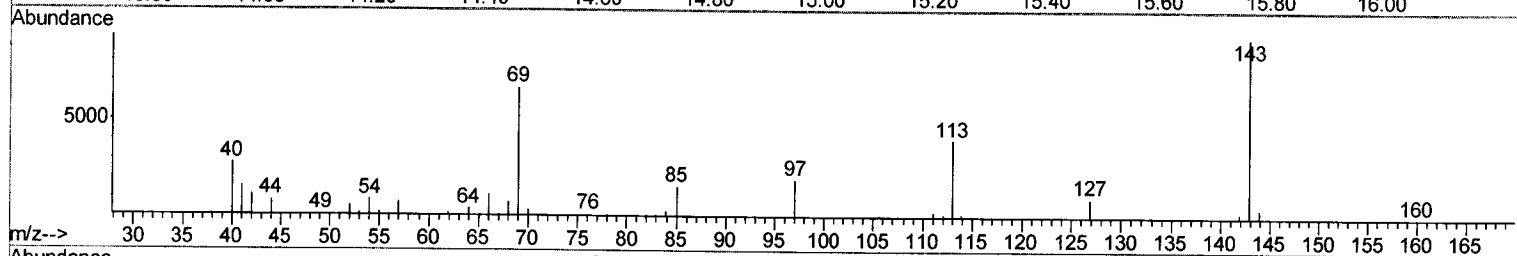
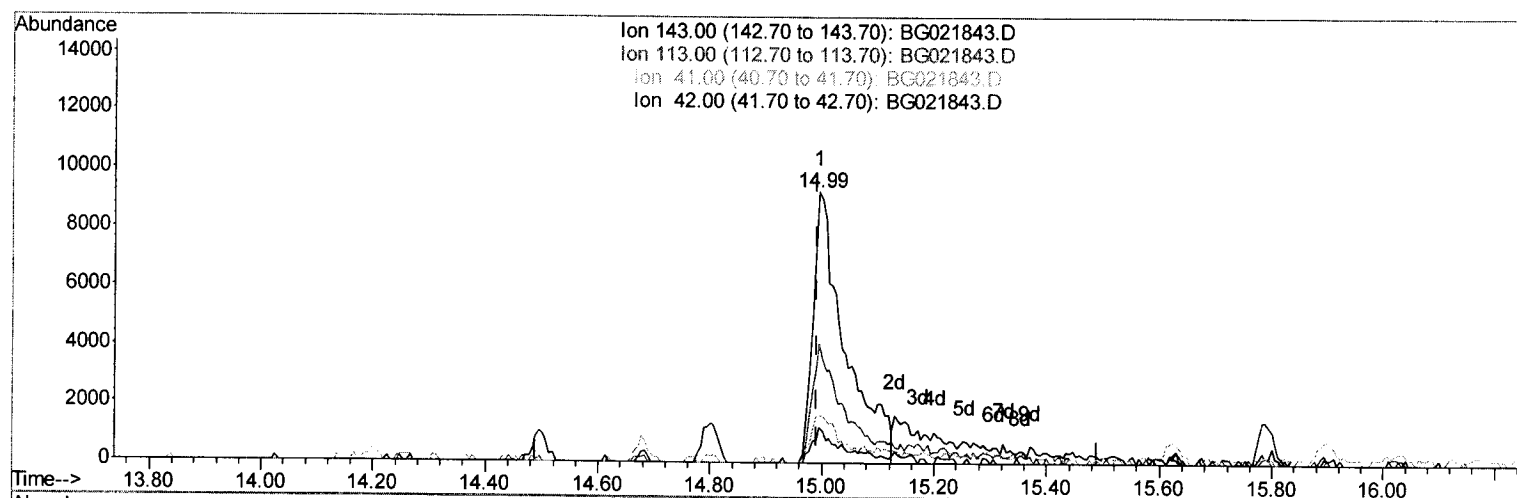
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021843.D
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 Operator : UM/SJ
 Sample : H2937-11
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Instrument :
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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.995min (+0.005) 13.57ng/ul m *U.M*

response 36844

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	43.97#
41.00	49.70	17.63#
42.00	33.70	13.39#

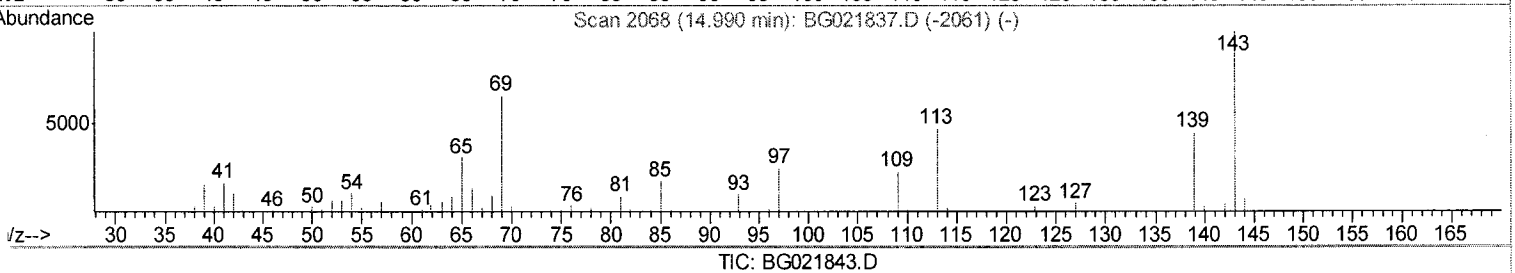
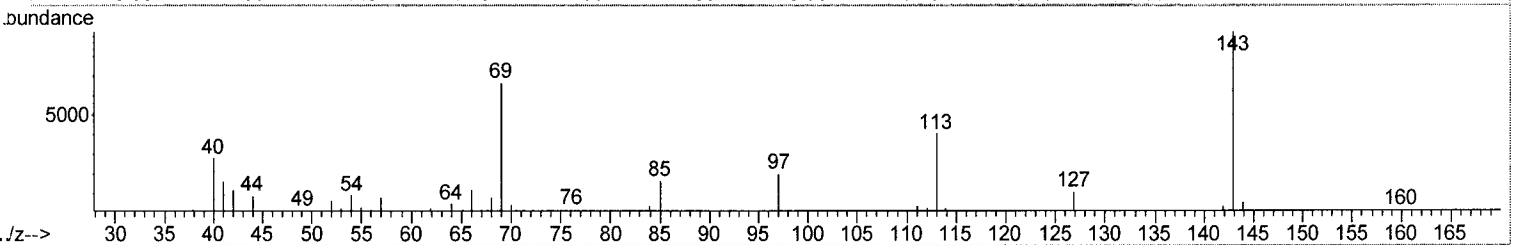
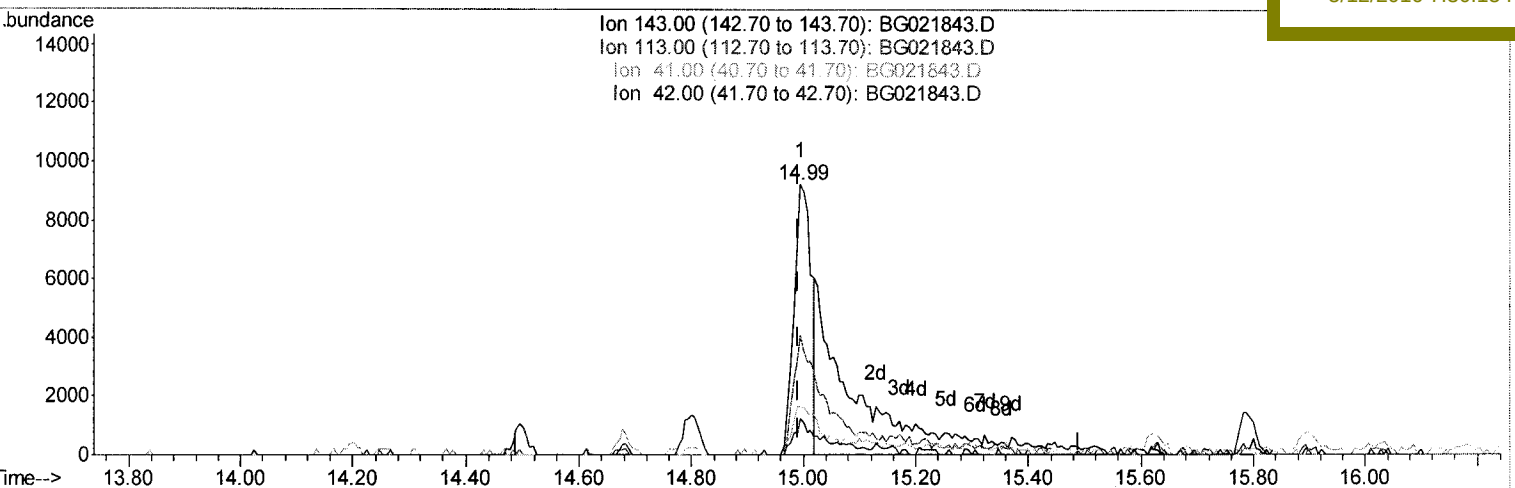
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021843.D
Acq On : 11 May 2016 14:20
Operator : UM/SJ
Sample : H2937-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9X89

Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.995min (+0.005) 7.23ng/ul

response 19644

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	43.97#
41.00	49.70	17.63#
42.00	33.70	13.39#

Quantitation Report (Qedit)

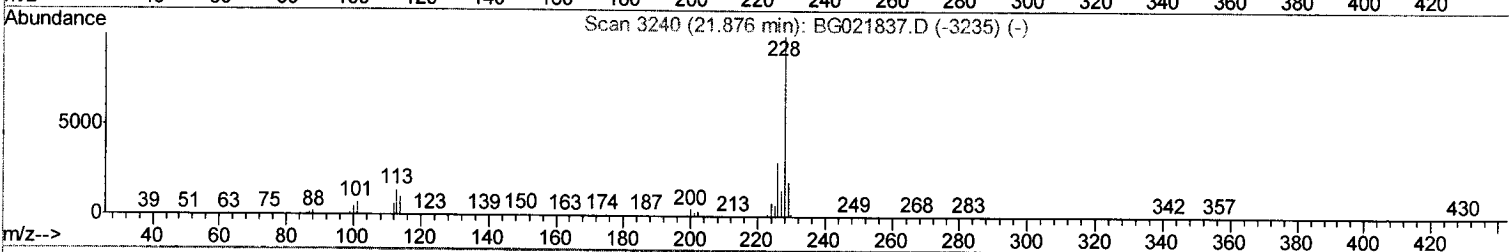
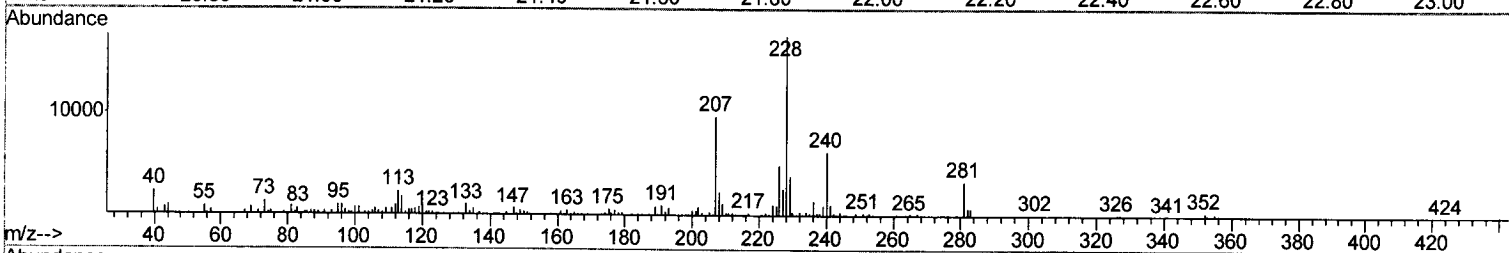
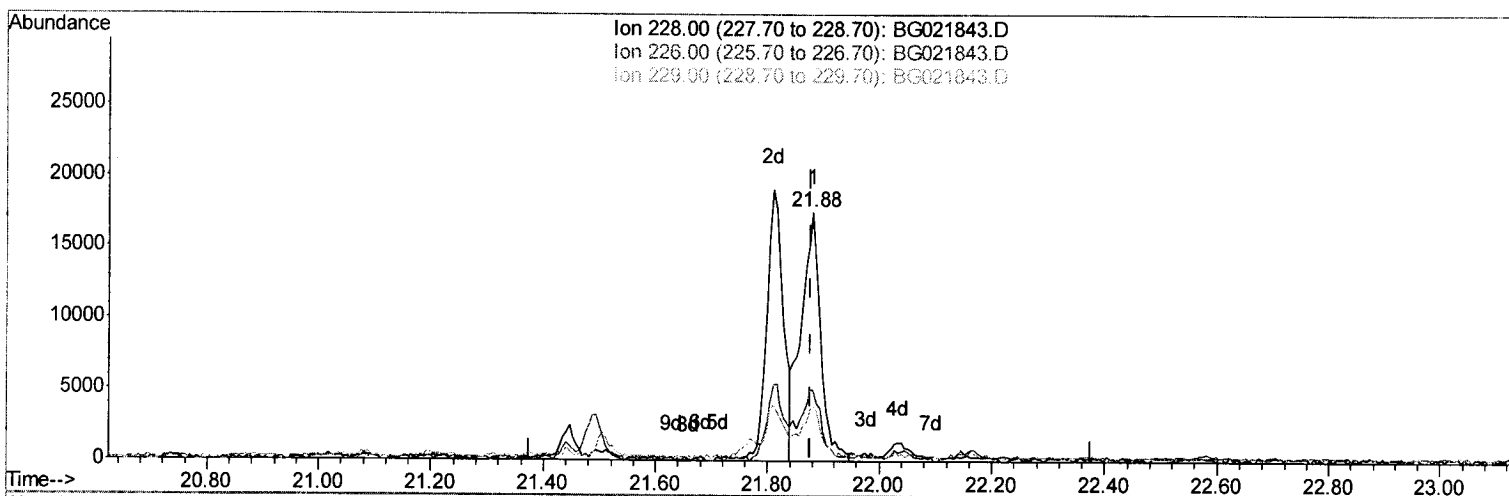
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Instrument :
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Manual Integrations
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Quant Time: May 12 06:36:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
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TIC: BG021843.D

(83) Chrysene

21.881min (+0.005) 1.60ng/ul m

response 42300

U.M
 05/14/16

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.65
229.00	20.20	22.52
0.00	0.00	0.00

Quantitation Report (Qedit)

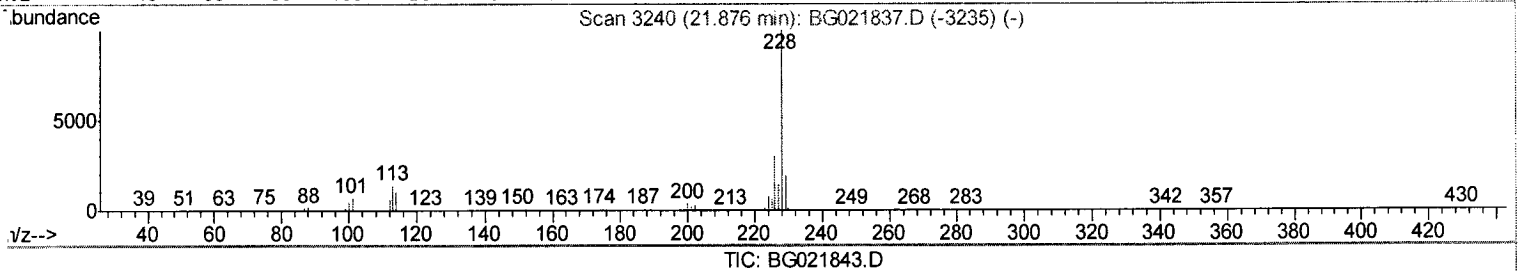
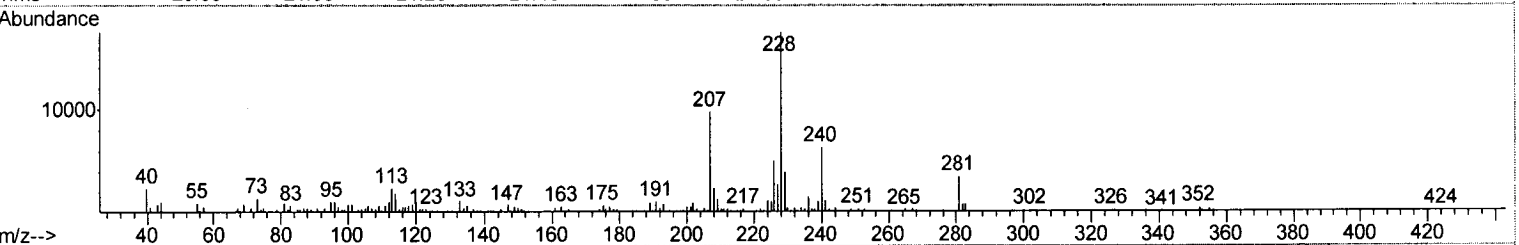
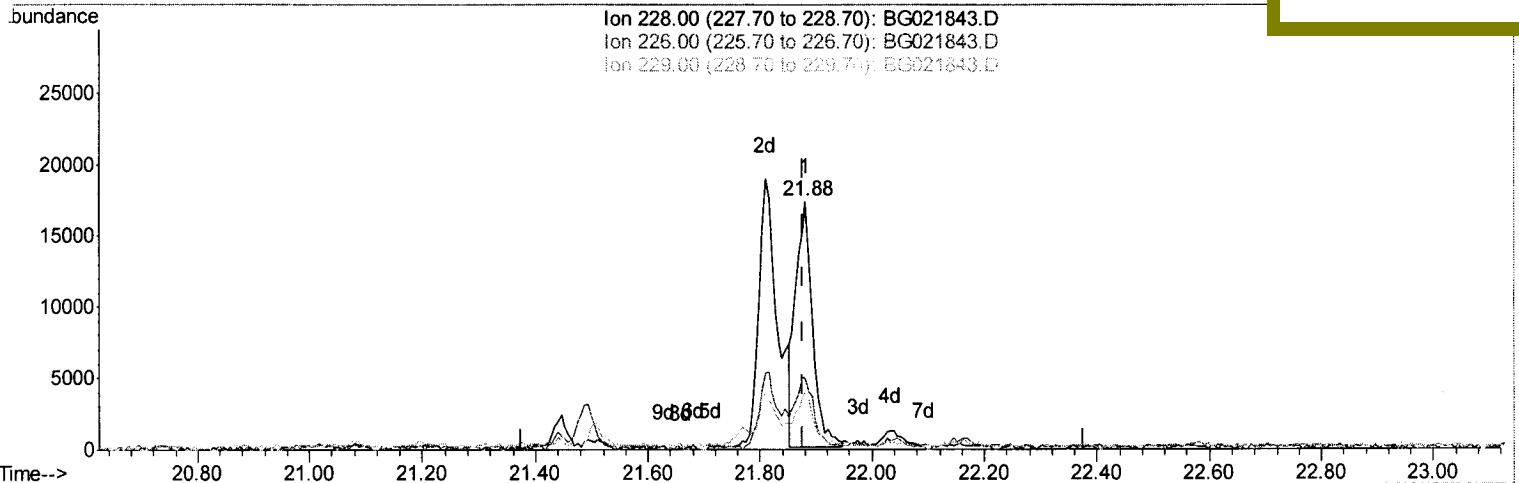
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021843.D
 Acq On : 11 May 2016 14:20
 Operator : UM/SJ
 Sample : H2937-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X89

Quant Time: May 12 06:36:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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Manual Integrations
 APPROVED

sohil
 5/12/2016 7:30:15 PM



(83) Chrysene

21.881min (+0.005) 1.37ng/ul

response 36410

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.65
229.00	20.20	22.52
0.00	0.00	0.00

Quantitation Report (Qedit)

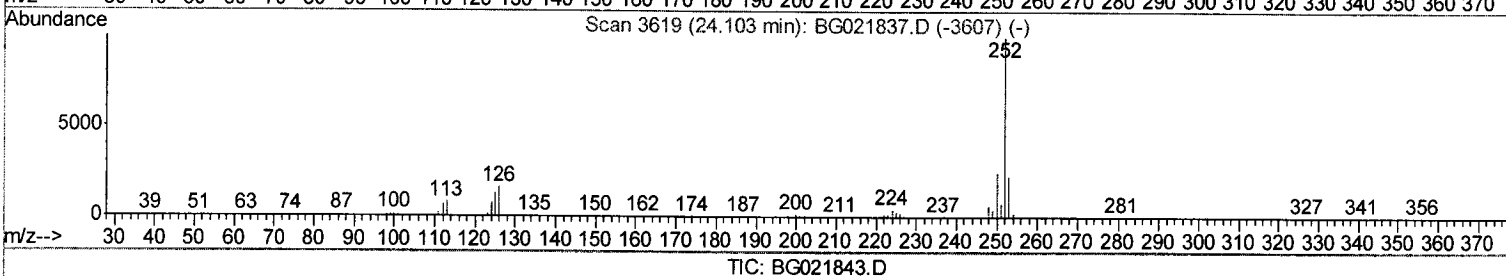
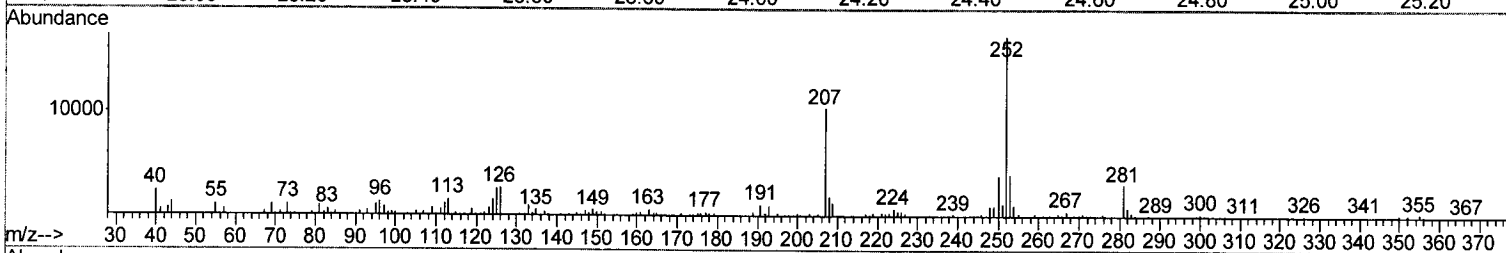
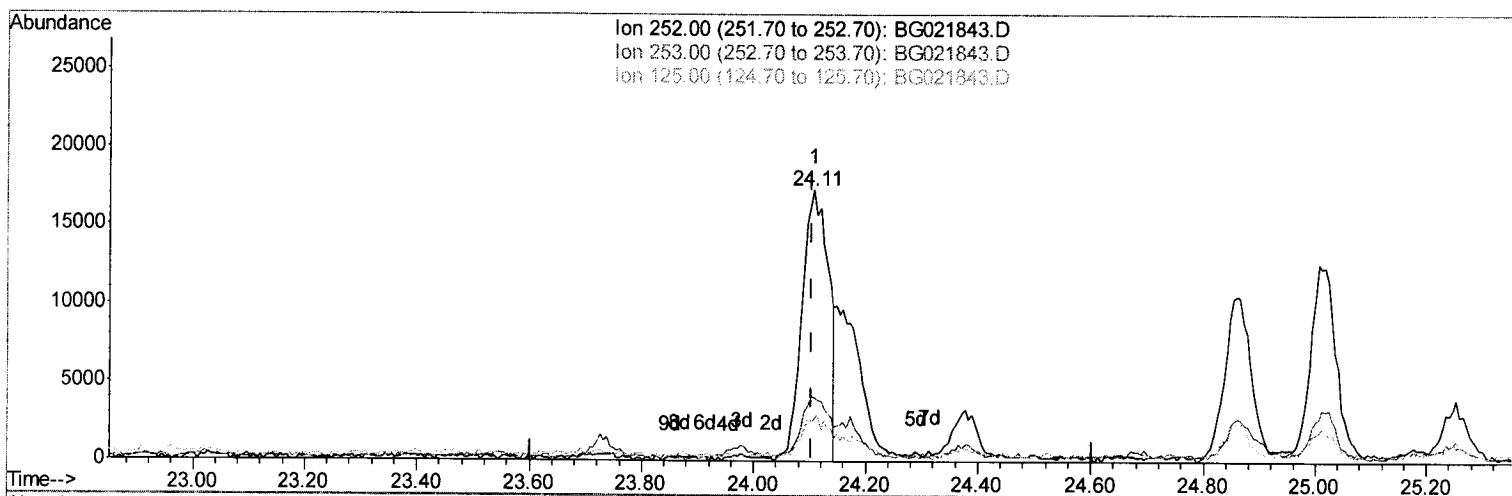
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(86) Benzo(b)fluoranthene

24.107min (+0.005) 2.14ng/ul m

response 57303

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.72
125.00	9.50	15.65#
0.00	0.00	0.00

U.M
 05/14/16

Quantitation Report (Qedit)

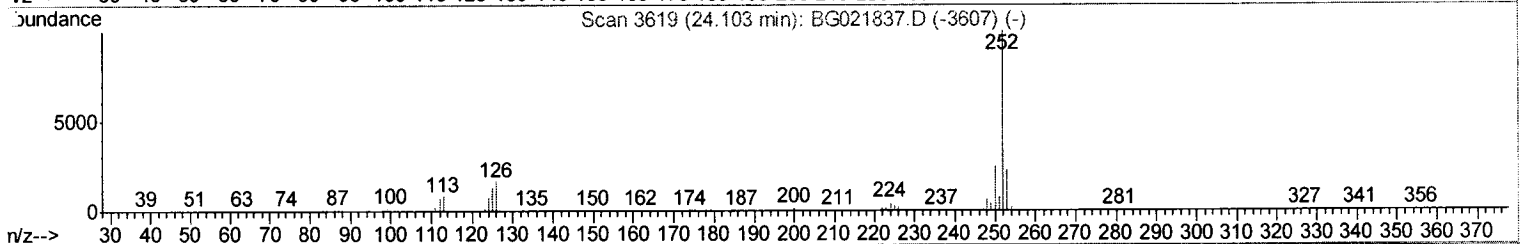
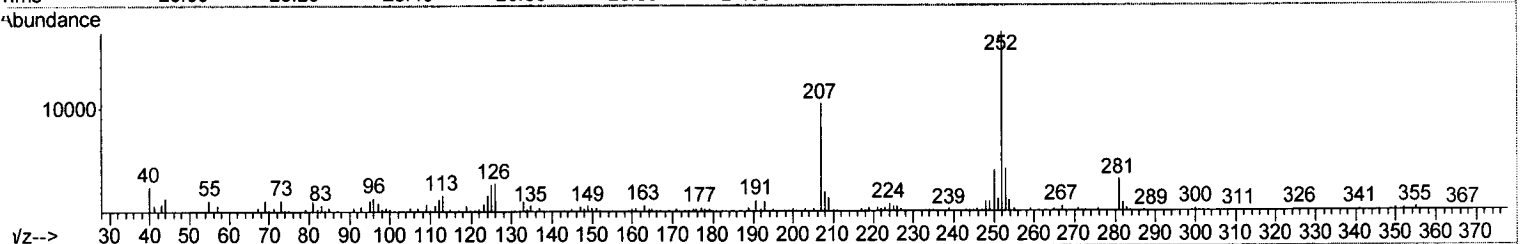
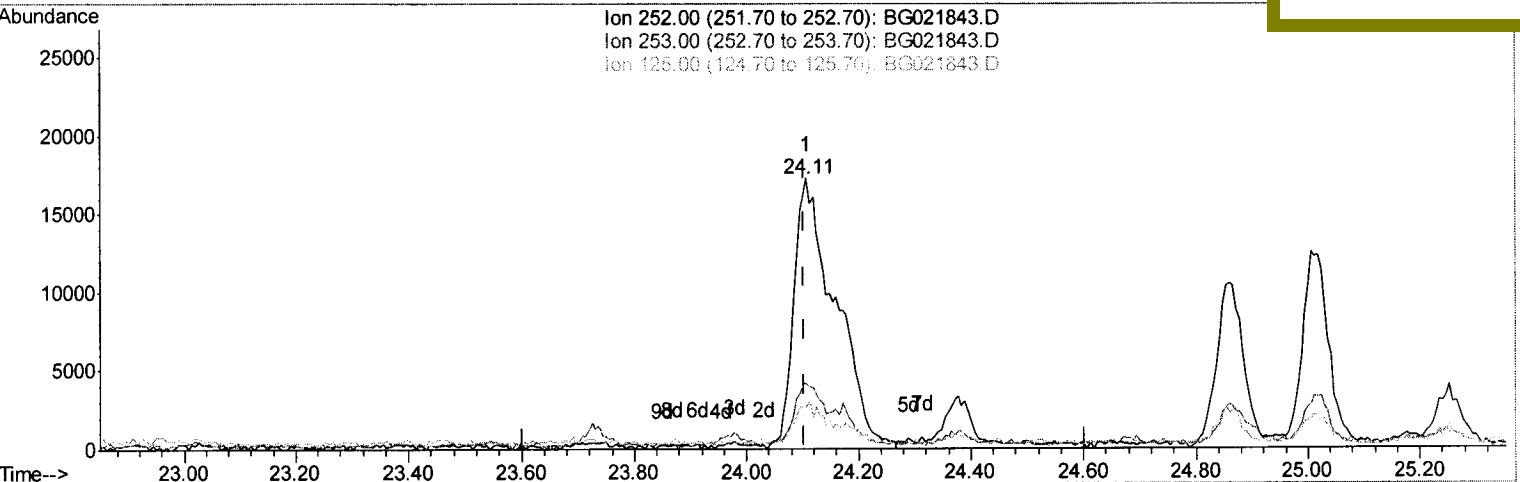
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021843.D
Acq On : 11 May 2016 14:20
Operator : UM/SJ
Sample : H2937-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG021843.D

(86) Benzo(b)fluoranthene

24.107min (+0.005) 3.32ng/ul

response 88781

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.72
125.00	9.50	15.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

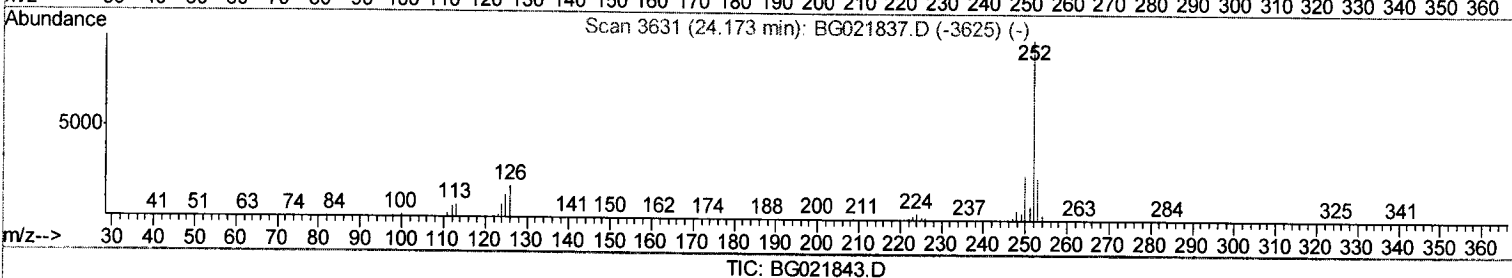
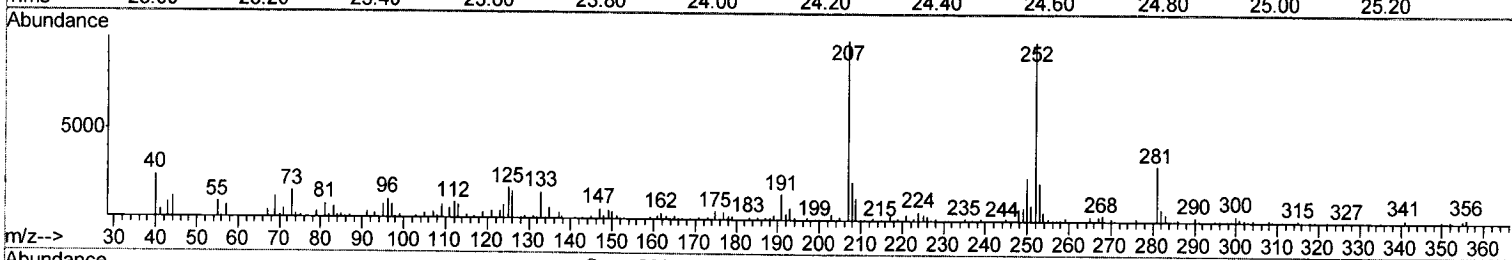
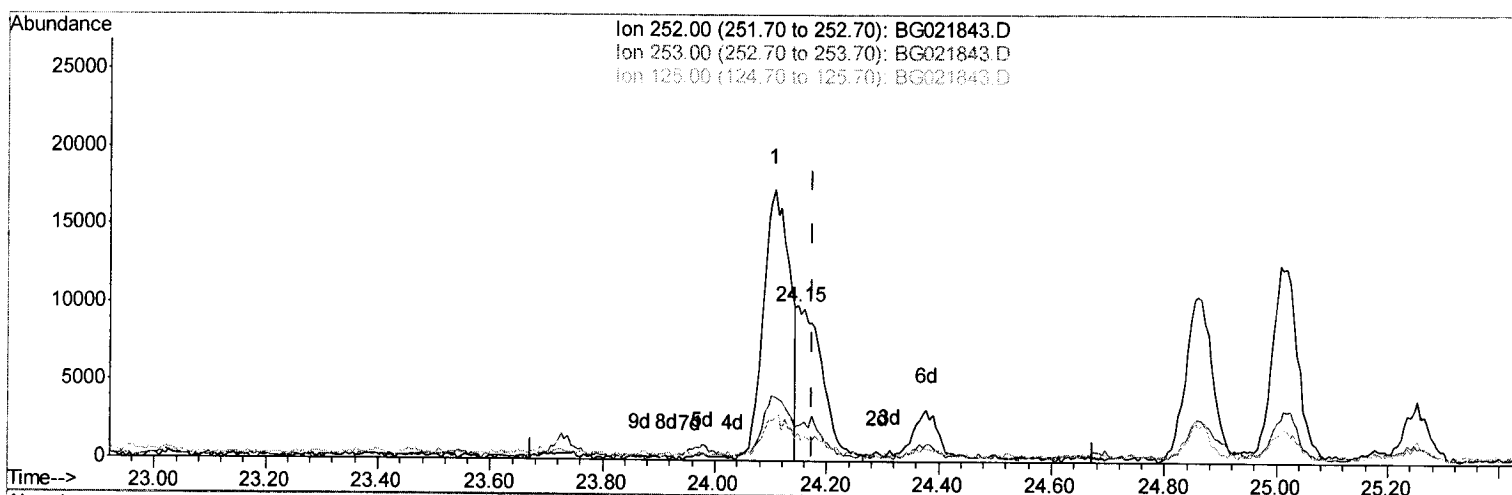
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Manual Integrations
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(87) Benzo(k)fluoranthene

24.148min (-0.025) 1.10ng/ul m

response 31480

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.84
125.00	9.60	18.39#
0.00	0.00	0.00

UM
 05/14/16

Quantitation Report (Qedit)

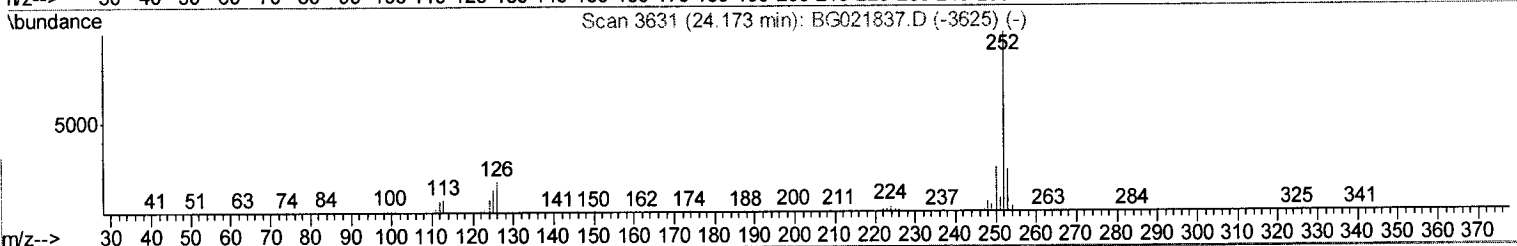
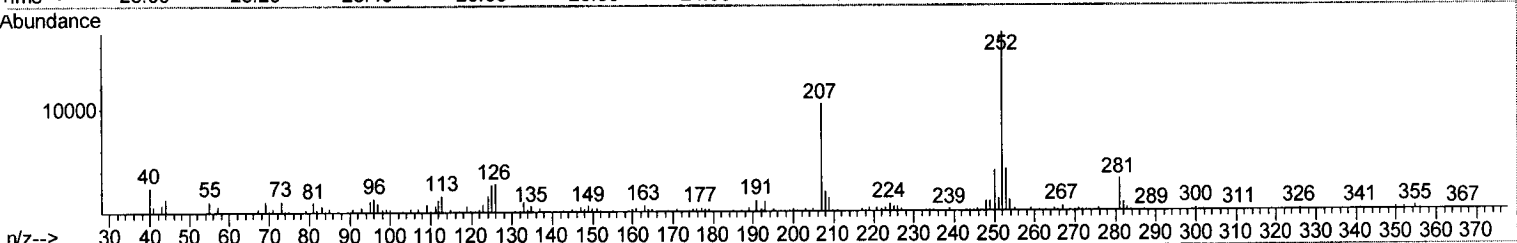
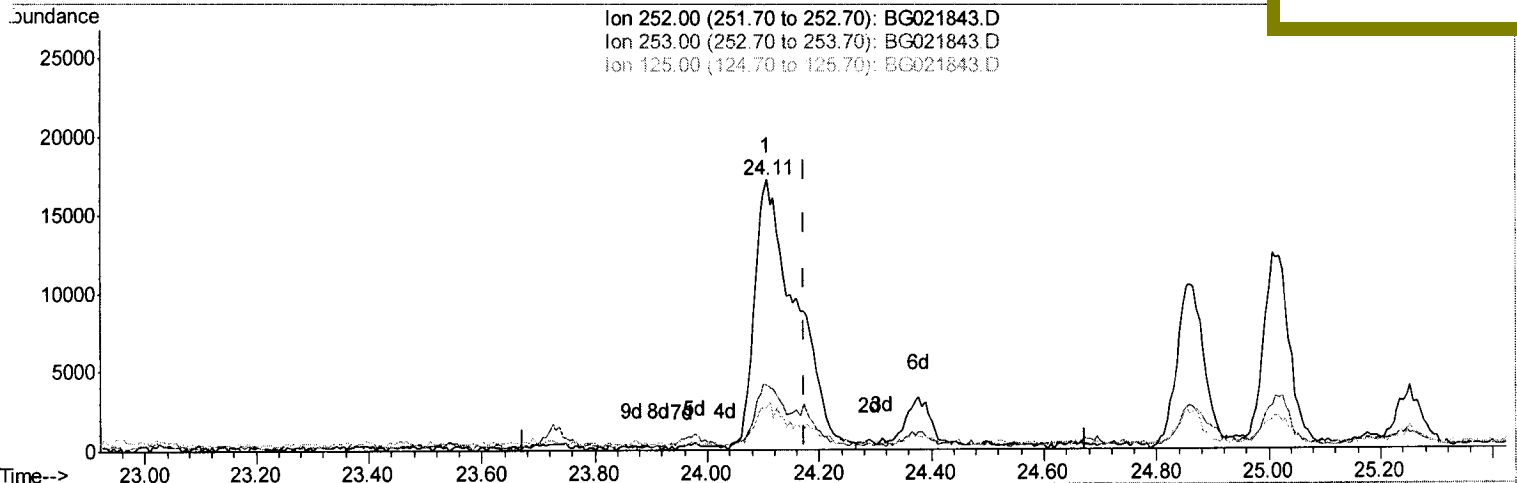
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 ClientSampleId :
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TIC: BG021843.D

(87) Benzo(k)fluoranthene

24.107min (-0.066) 3.10ng/ul

response 88781

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.72
125.00	9.60	15.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

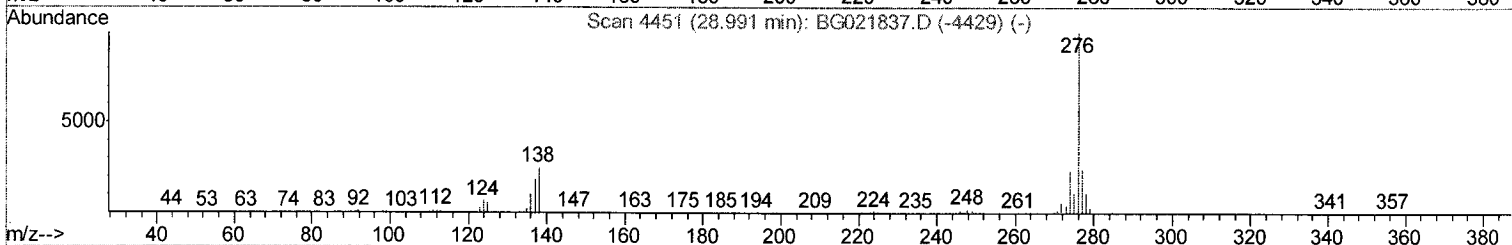
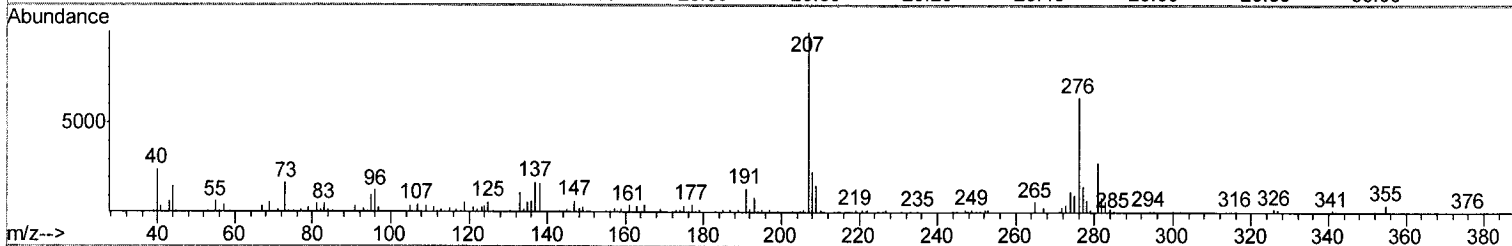
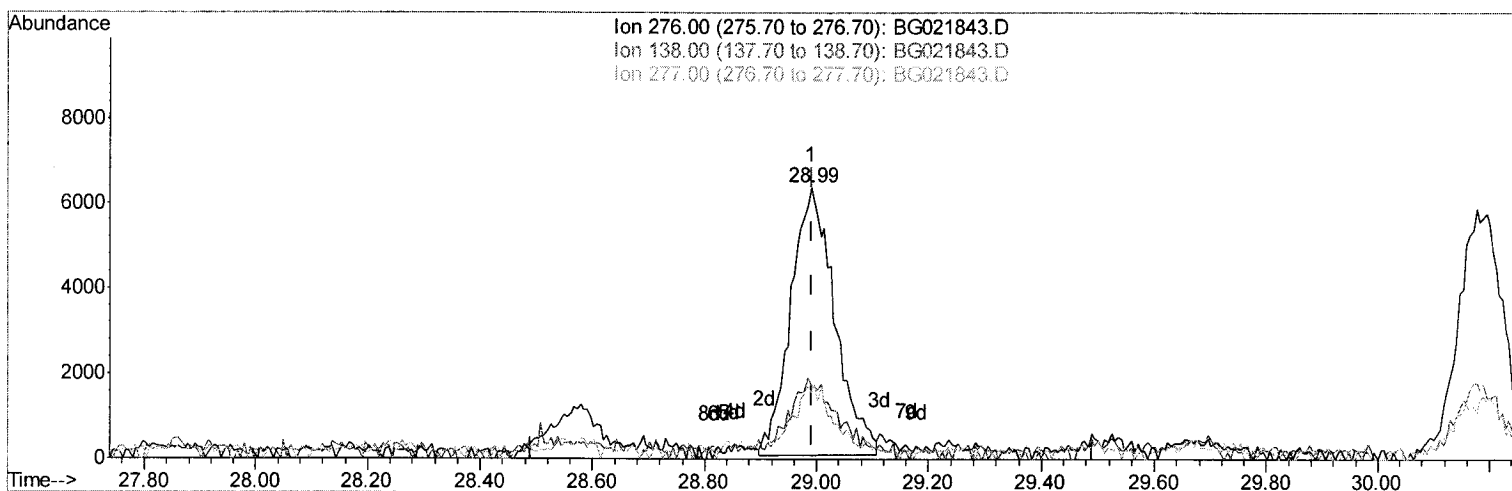
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TIC: BG021843.D

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

28.990min (-0.001) 1.09ng/ul m

response 34242

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	27.07#
277.00	23.80	24.66
0.00	0.00	0.00

U.M
 05/14/16

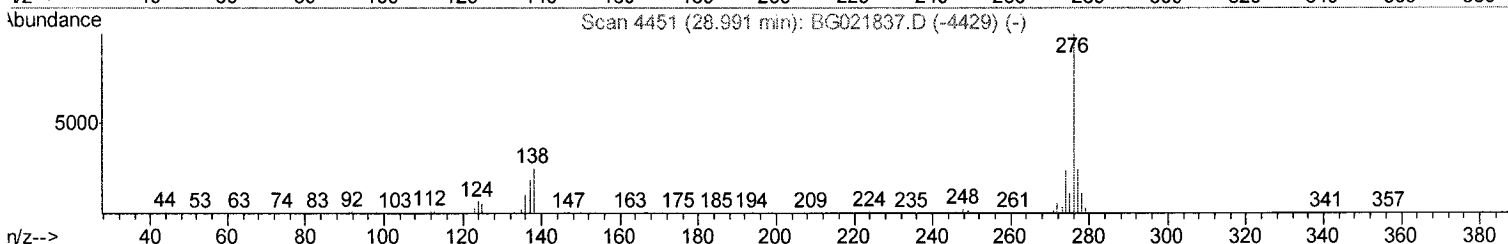
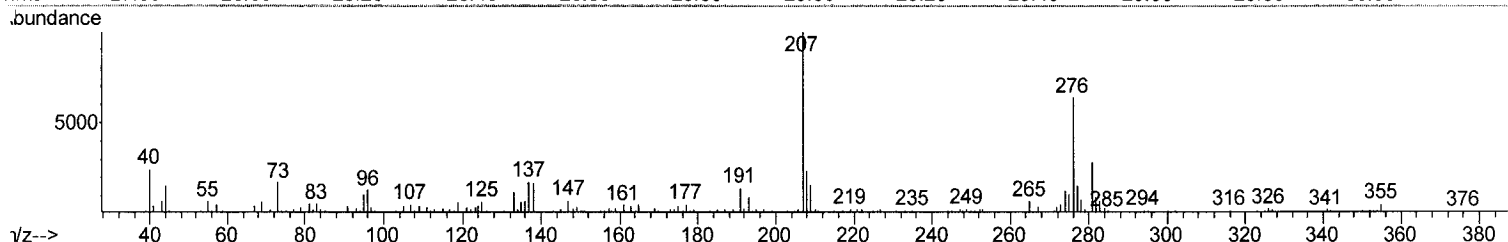
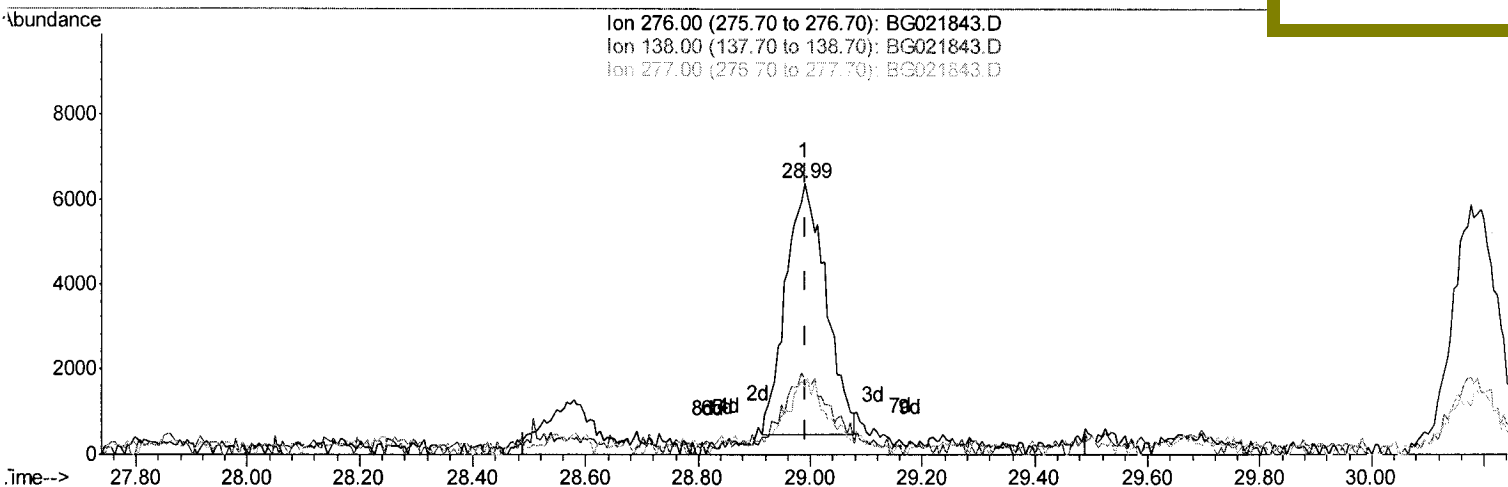
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021843.D
Acq On : 11 May 2016 14:20
Operator : UM/SJ
Sample : H2937-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9X89

Quant Time: May 12 06:38:59 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/12/2016 7:30:15 PM



TIC: BG021843.D

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

28.990min (-0.001) 0.93ng/ul

response 29247

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	27.07#
277.00	23.80	24.66
0.00	0.00	0.00

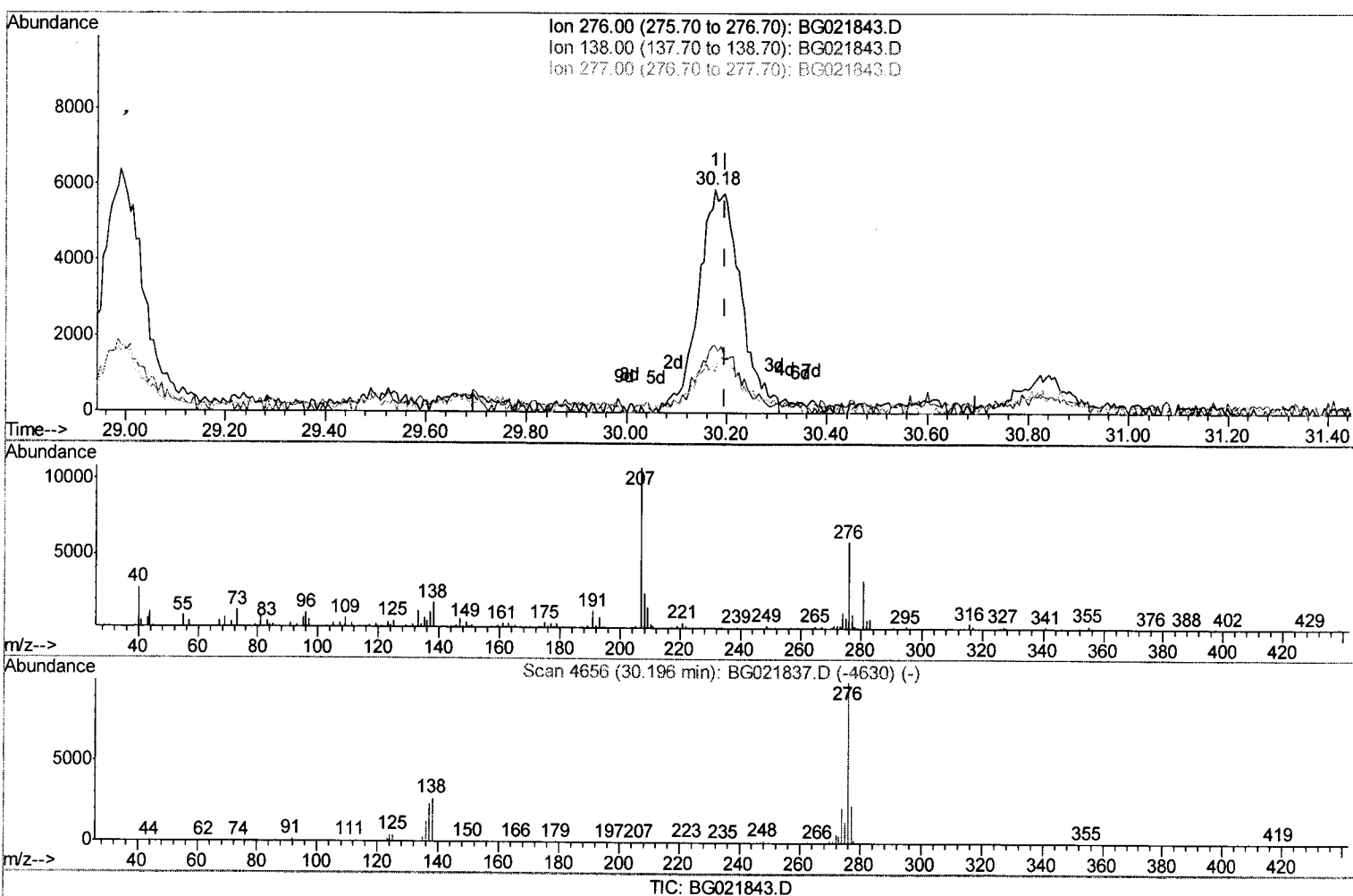
```
Data Path   : Z:\HPCHEM1\BNA G\Data\BG051116\  
Data File  : BG021843.D  
Acq On     : 11 May 2016   14:20  
Operator   : UM/SJ  
Sample     : H2937-11  
Misc       :  
ALS Vial   : 8      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
D9X89

Manual Integrations

sohil
5/12/2016 7:30:15 PM

Quant Time: May 12 06:38:59 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration



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

30.177min (-0.019) 1.32ng/ul m

response 34390

Ion	Exp%	Act%
-----	------	------

276.00	100	100
--------	-----	-----

138.00	17.40	30.55#
--------	-------	--------

277.00	24.70	18.80#
--------	-------	--------

0.00 0.00 0.00

U.M
05/14/16

Quantitation Report (Qedit)

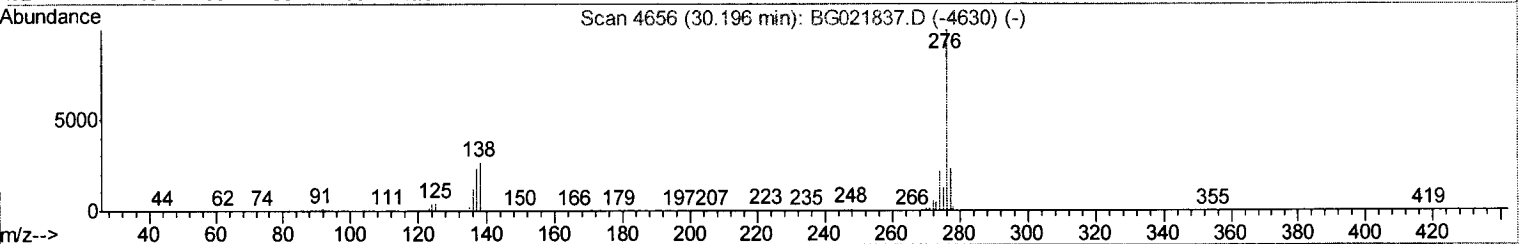
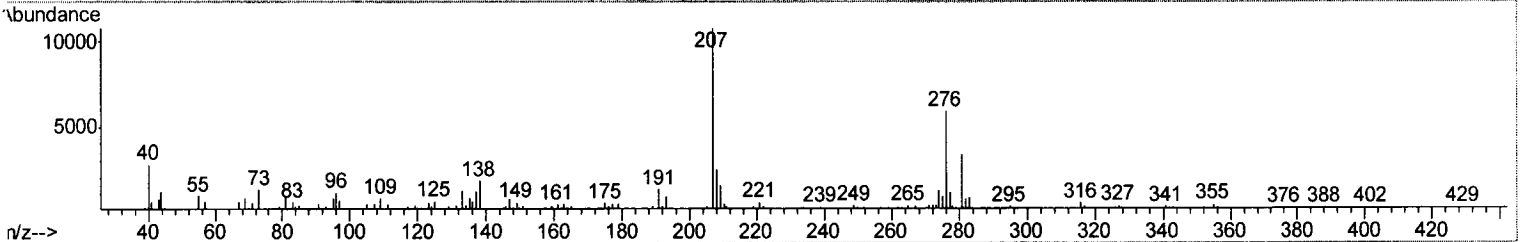
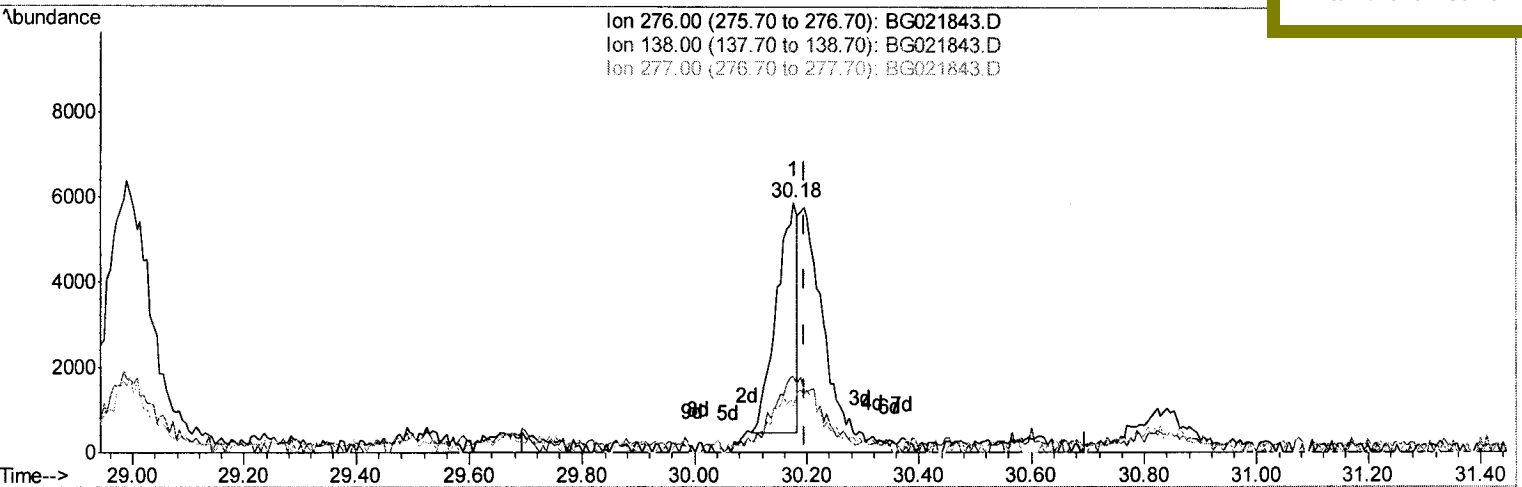
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021843.D
 Acq On : 11 May 2016 14:20
 Operator : UM/SJ
 Sample : H2937-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X89

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:30:15 PM

Quant Time: May 12 06:38:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration



TIC: BG021843.D

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

30.177min (-0.019) 0.53ng/ul

response 13828

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	30.55#
277.00	24.70	18.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021843.D
 Acq On : 11 May 2016 14:20
 Operator : UM/SJ
 Sample : H2937-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X89

Quant Time: May 12 06:40:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:30:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	68715	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	373004	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	225517	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	479191	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	481223	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	466784	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4142	2.91	ng/uL	0.00
5) Phenol-d5	7.33	99	86550	16.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	41034	16.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	79954	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	70321	16.42	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	41201	16.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	42148	27.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	84736	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	93418m	19.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	291492m	18.40	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	397603	17.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	36844m	13.57	ng/ul	0.00
58) Fluorene-d10	15.79	176	266273	15.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	29872	22.50	ng/ul	0.00
71) Anthracene-d10	17.64	188	373449	16.01	ng/ul	0.00
77) Pyrene-d10	19.92	212	407038	18.07	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	376522	16.98	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.24	163	34976	2.17	ng/ul#	99
70) Phenanthrene	17.59	178	28292	1.08	ng/ul	97
75) Fluoranthene	19.59	202	68715	2.31	ng/ul#	95
78) Pvrene	19.95	202	62191	2.23	ng/ul	96
81) Benzo(a)anthracene	21.81	228	38513	1.44	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	10314	1.03	ng/ul	93
83) Chrysene	21.88	228	42300m	1.60	ng/ul	
86) Benzo(b)fluoranthene	24.11	252	57303m	2.14	ng/ul	
87) Benzo(k)fluoranthene	24.15	252	31480m	1.10	ng/ul	
89) Benzo(a)pyrene	25.01	252	38146	1.43	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.99	276	34242m	1.09	ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	34390m	1.32	ng/ul	

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