

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
 Data File : BG018837.D
 Acq On : 23 Sep 2015 4:10
 Operator : UM/NP
 Sample : G3758-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAA2

Manual Integrations
 APPROVED

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 9/23/2015 4:36:40 PM

Quant Time: Sep 23 07:32:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 23 07:13:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	53160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	231929	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	154793	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	417019	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	457007	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	466682	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.44	96	3098	2.80	ng/uL	0.00
5) Phenol-d5	7.16	99	71705	16.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	41906	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	56496	17.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	45750	12.92	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	28870	16.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	32962	18.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	60277	16.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	69069	15.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	213820	17.16	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	252663	17.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	31421	13.14	ng/ul	0.00
58) Fluorene-d10	15.61	176	190507	17.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	15624	7.92	ng/ul	0.00
71) Anthracene-d10	17.47	188	309681	16.87	ng/ul	0.00
79) Pyrene-d10	19.75	212	323460	15.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	299272	13.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	14.07	163	121432	10.06	ng/ul	97
70) Phenanthrene	17.41	178	73346	3.46	ng/ul	99
77) Fluoranthene	19.42	202	138682	5.90	ng/ul	96
80) Pyrene	19.78	202	153229	5.70	ng/ul	97
83) Benzo(a)anthracene	21.60	228	67636	2.67	ng/ul	97
85) Chrysene	21.67	228	73510	3.15	ng/ul	94
88) Benzo(b)fluoranthene	23.80	252	62208	2.36	ng/ul#	96
89) Benzo(k)fluoranthene	23.84	252	32160m	1.27	ng/ul	
91) Benzo(a)pyrene	24.66	252	56250	2.24	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.42	276	31754m	1.09	ng/ul	
94) Benzo(g,h,i)perylene	29.54	276	25790m	1.06	ng/ul	

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

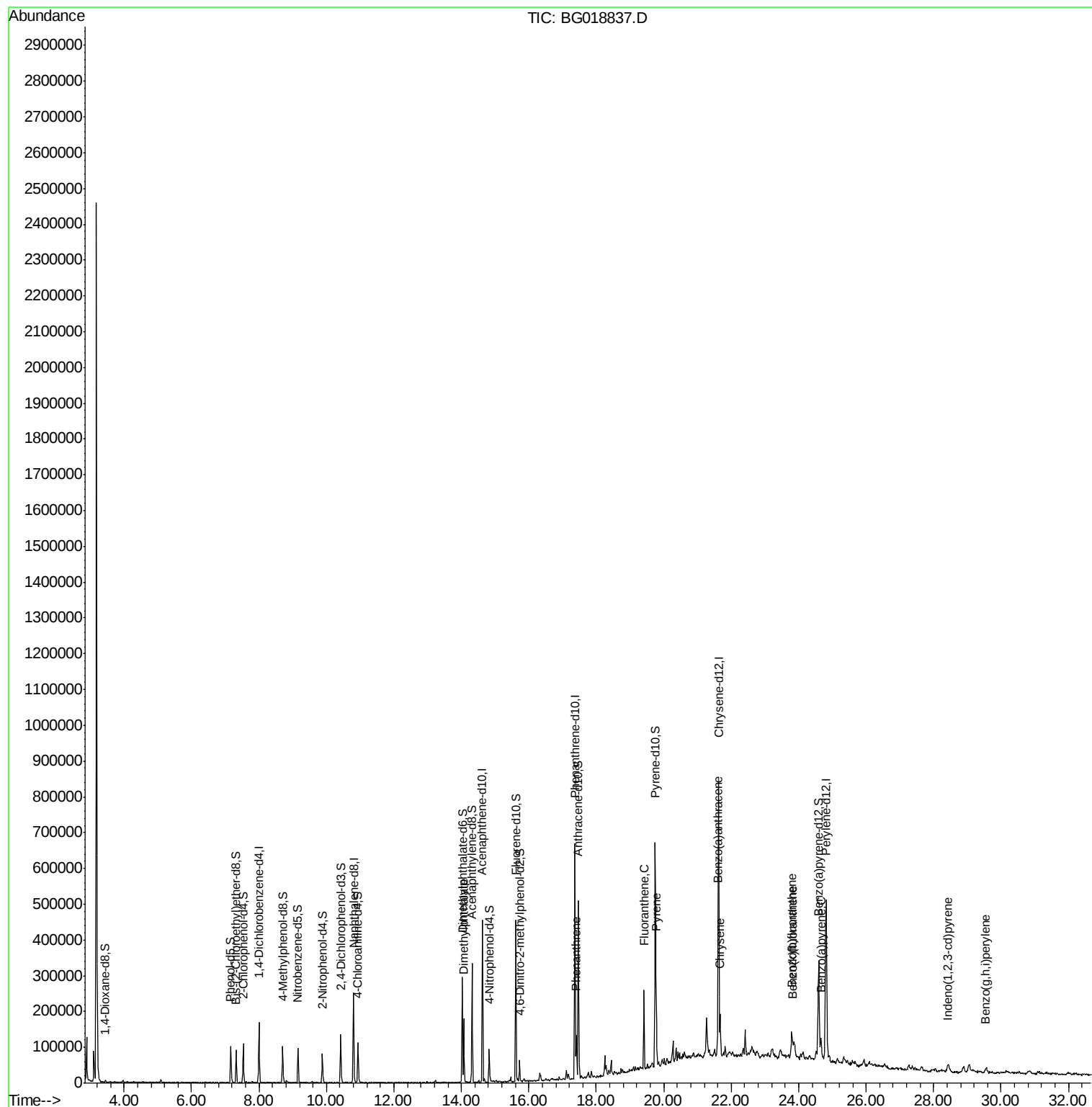
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018837.D
Acq On : 23 Sep 2015 4:10
Operator : UM/NP
Sample : G3758-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

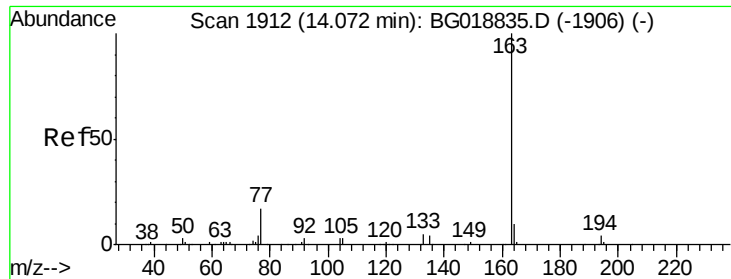
Instrument :
BNA_G
ClientSampleId :
JHAA2

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Quant Time: Sep 23 07:32:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 07:13:57 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 10.06 ng/ul

RT: 14.07 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG018837.D

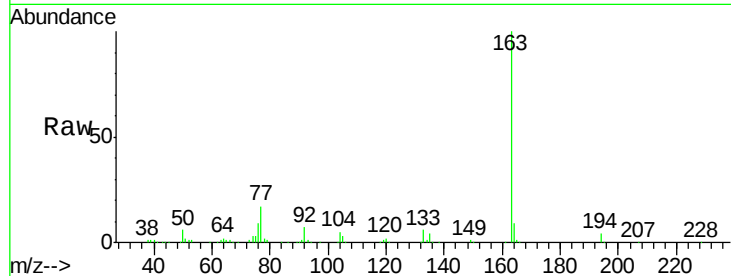
Acq: 23 Sep 2015 4:10

Instrument :

BNA_G

ClientSampleId :

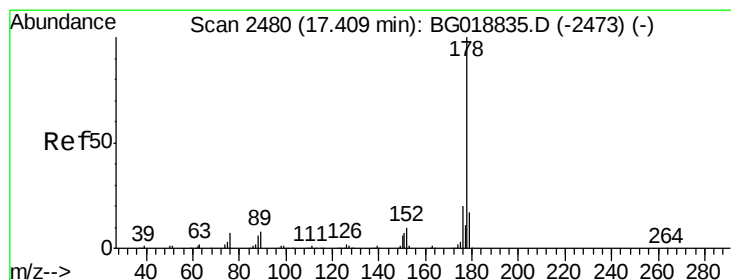
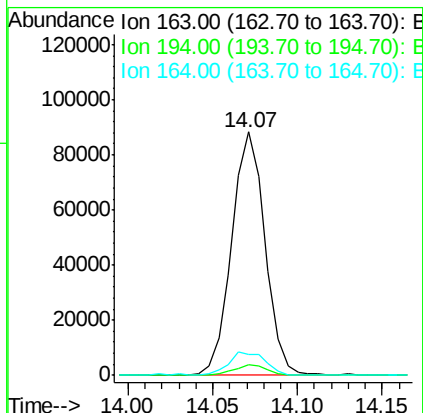
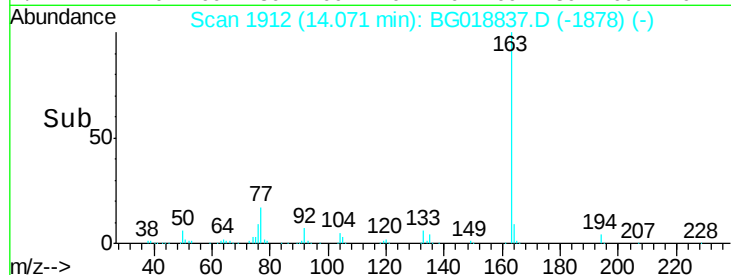
JHAA2



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	121432		
194	4.2	2.9	4.3	
164	8.5	7.7	11.5	

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#70

Phenanthrene

Concen: 3.46 ng/ul

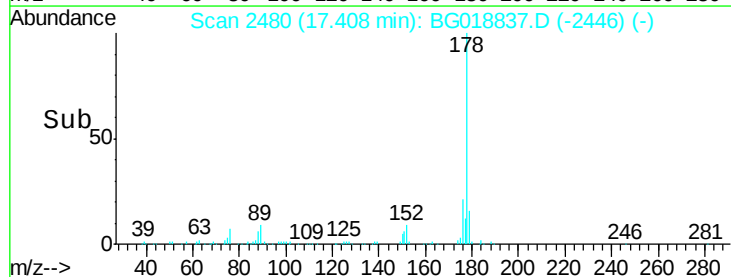
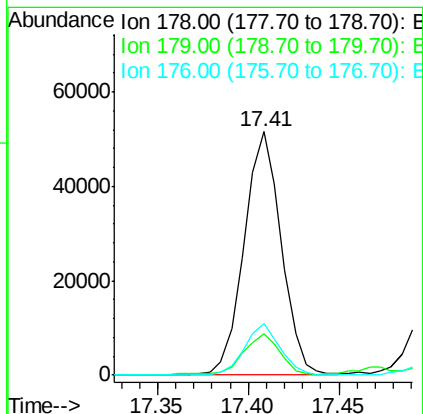
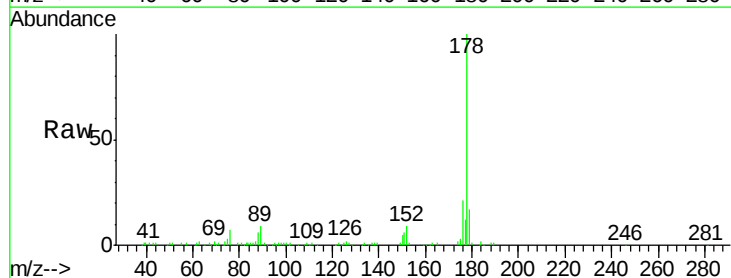
RT: 17.41 min Scan# 2480

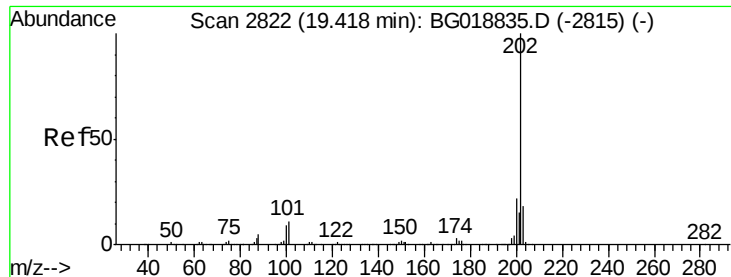
Delta R.T. -0.00 min

Lab File: BG018837.D

Acq: 23 Sep 2015 4:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	73346		
179	16.9	13.7	20.5	
176	21.2	16.6	24.8	





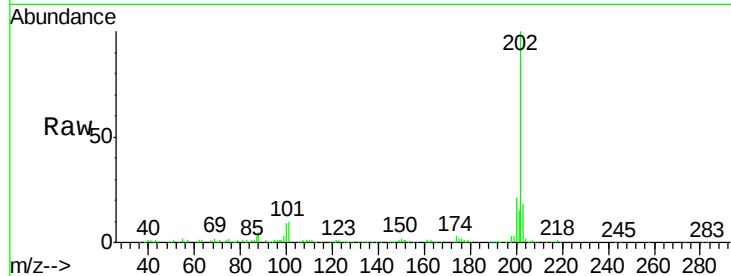
#77
Fluoranthene
Concen: 5.90 ng/ul
RT: 19.42 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BG018837.D
Acq: 23 Sep 2015 4:10

Instrument :
BNA_G
ClientSampleId :
JHAA2

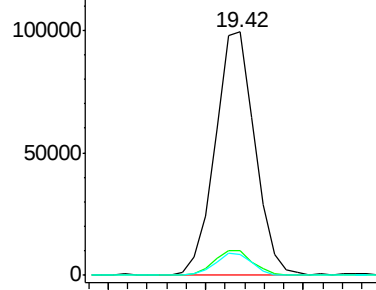
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	9.7	14.5
100	8.8	7.8	11.8

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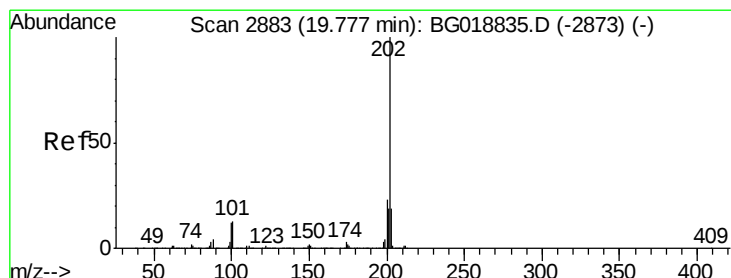
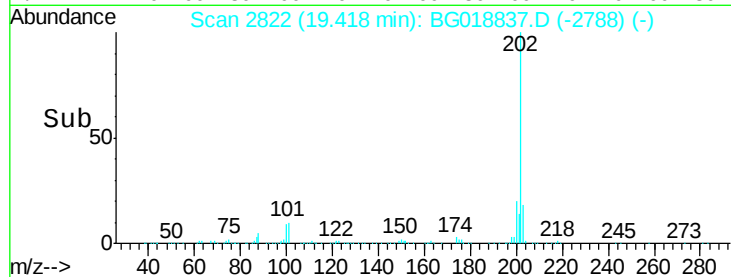
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



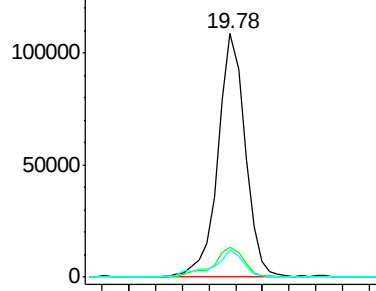
Time-->



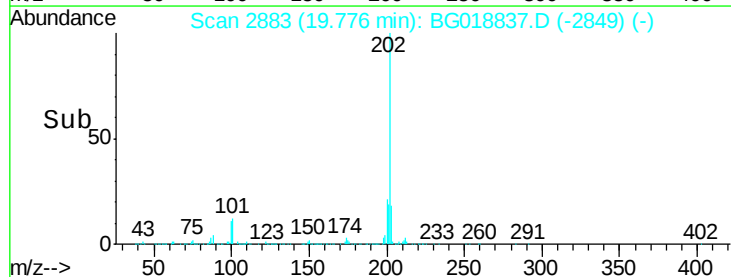
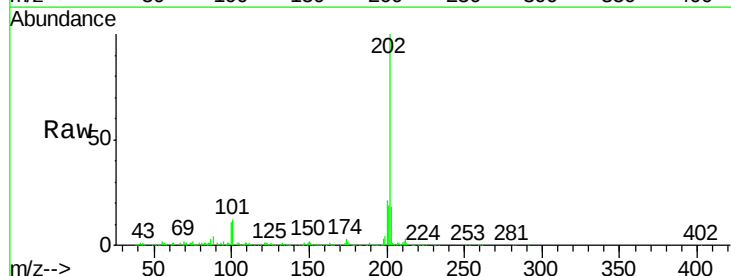
#80
Pyrene
Concen: 5.70 ng/ul
RT: 19.78 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG018837.D
Acq: 23 Sep 2015 4:10

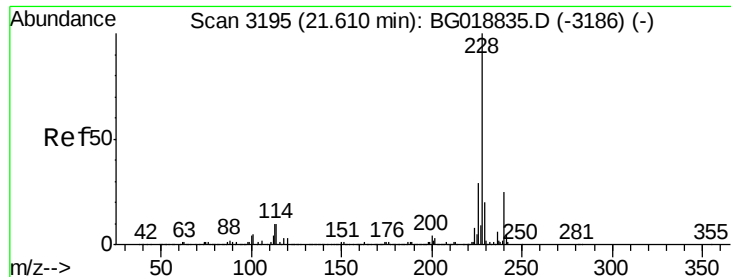
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	11.0	16.4
100	11.4	9.8	14.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#83

Benzo(a)anthracene

Concen: 2.67 ng/ul

RT: 21.60 min Scan# 3194

Delta R.T. -0.01 min

Lab File: BG018837.D

Acq: 23 Sep 2015 4:10

Instrument :

BNA_G

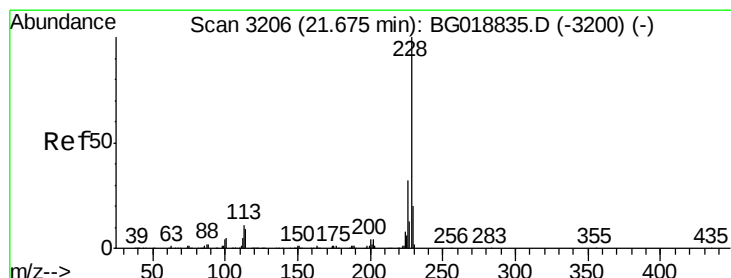
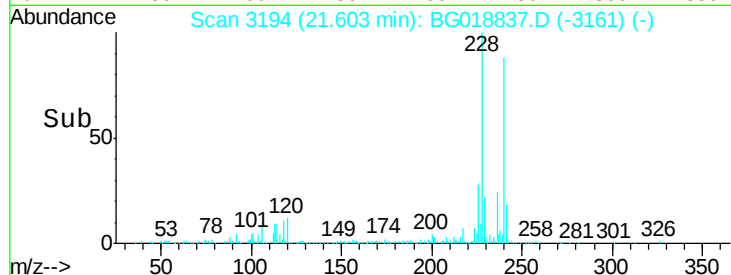
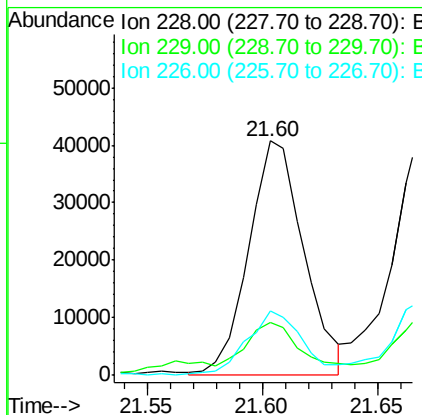
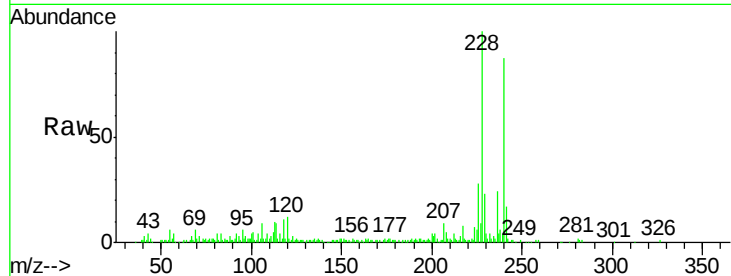
ClientSampled :

JHAA2

Tgt Ion:	228	Resp:	67636
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.5	23.3
226	27.6	22.1	33.1

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#85

Chrysene

Concen: 3.15 ng/ul

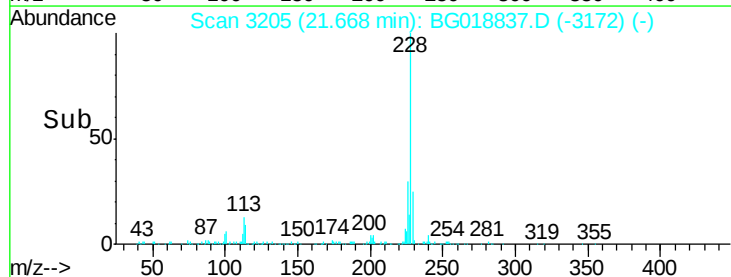
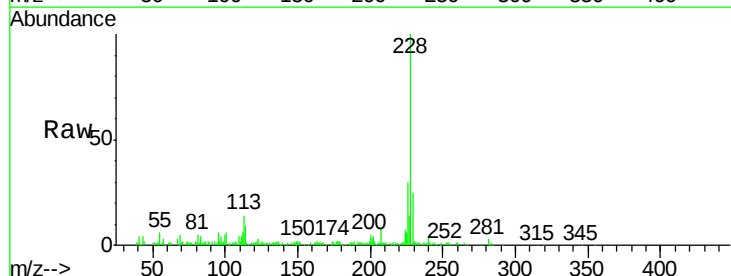
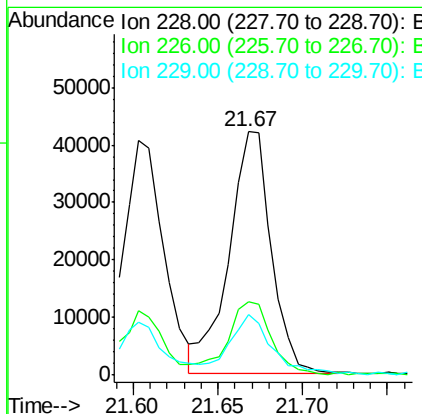
RT: 21.67 min Scan# 3205

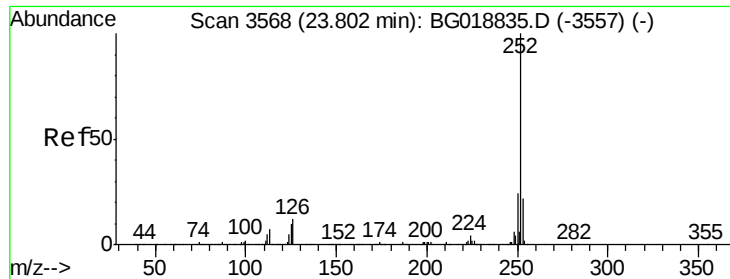
Delta R.T. -0.01 min

Lab File: BG018837.D

Acq: 23 Sep 2015 4:10

Tgt Ion:	228	Resp:	73510
Ion Ratio	Lower	Upper	
228	100		
226	30.2	26.5	39.7
229	25.0	16.9	25.3





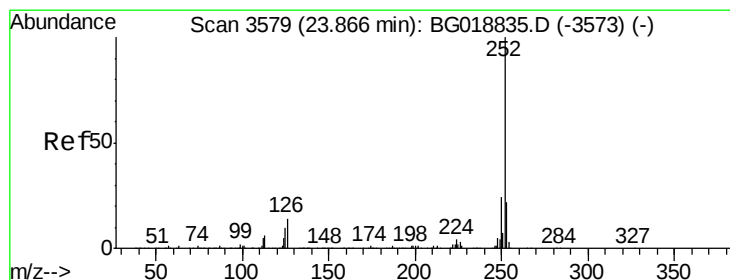
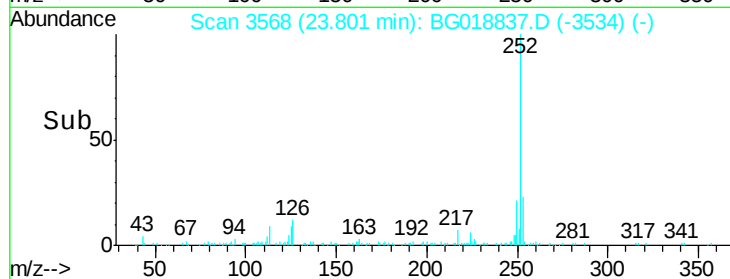
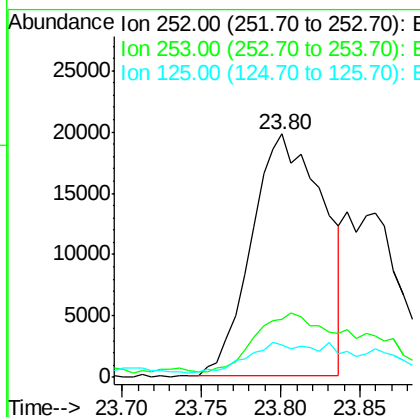
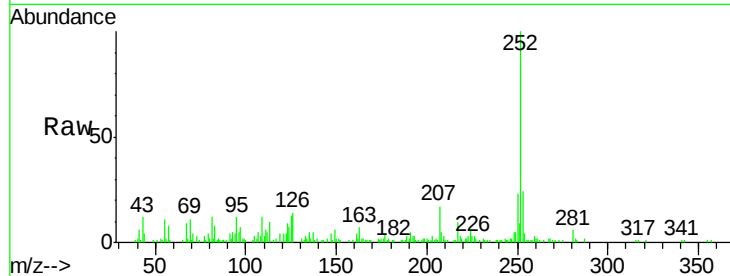
#88
Benzo(b)fluoranthene
Concen: 2.36 ng/ul
RT: 23.80 min Scan# 3568
Delta R.T. -0.00 min
Lab File: BG018837.D
Acq: 23 Sep 2015 4:10

Instrument :
BNA_G
ClientSampleId :
JHAA2

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.1	8.3	12.5#

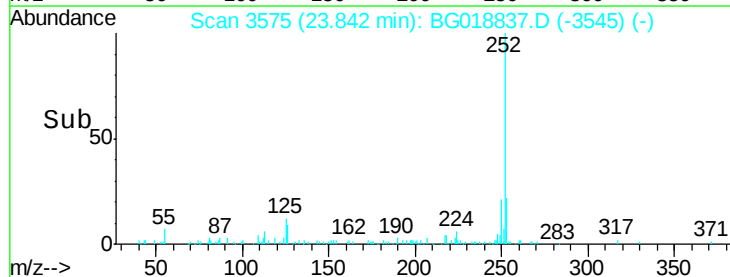
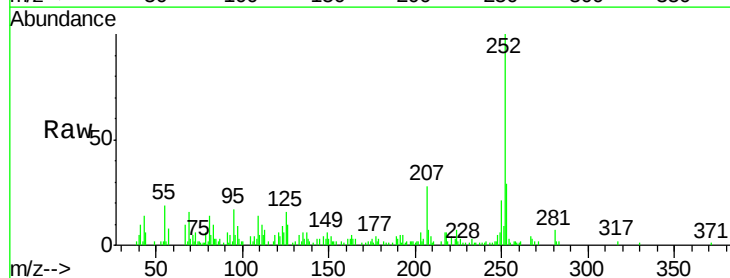
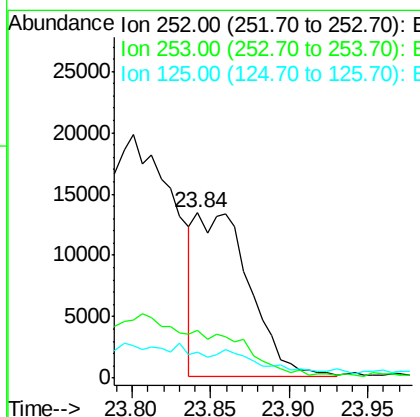
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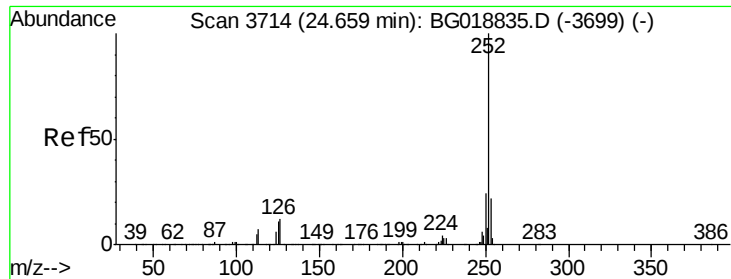
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#89
Benzo(k)fluoranthene
Concen: 1.27 ng/ul m
RT: 23.84 min Scan# 3575
Delta R.T. -0.02 min
Lab File: BG018837.D
Acq: 23 Sep 2015 4:10

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.7	17.8	26.6#
125	15.7	9.0	13.4#





#91

Benzo(a)pyrene

Concen: 2.24 ng/ul

RT: 24.66 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG018837.D

Acq: 23 Sep 2015 4:10

Instrument :

BNA_G

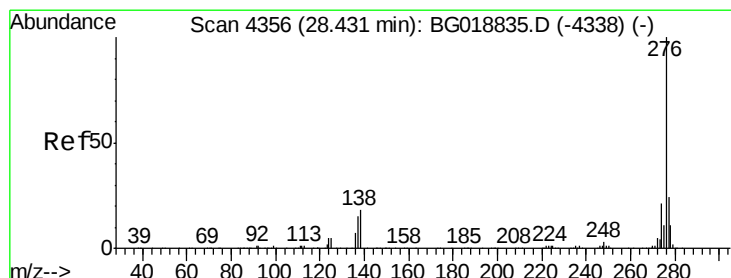
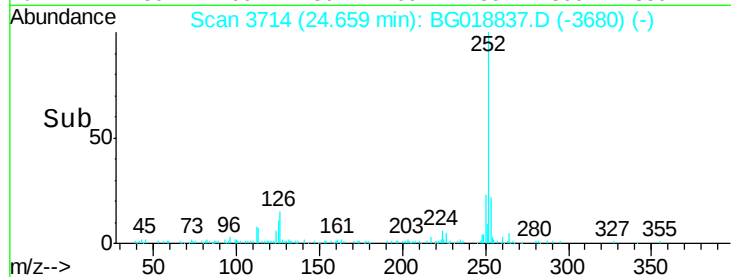
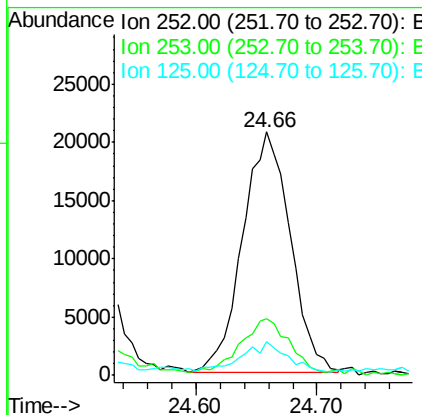
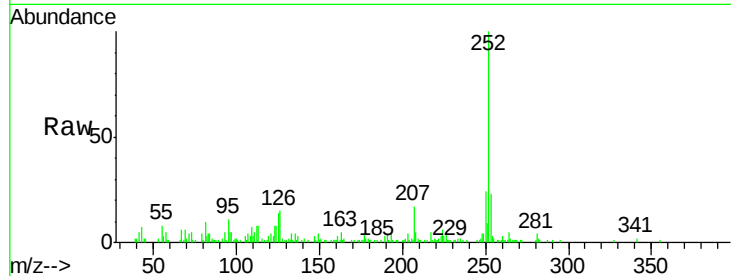
ClientSampleId :

JHAA2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	56250		
253	23.3	17.7	26.5	
125	13.7	10.2	15.2	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.09 ng/ul m

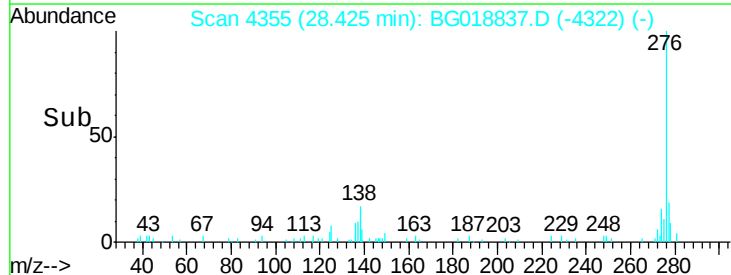
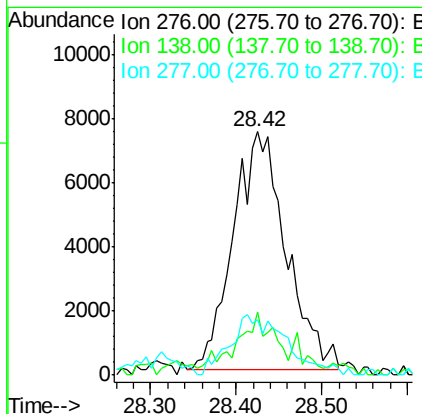
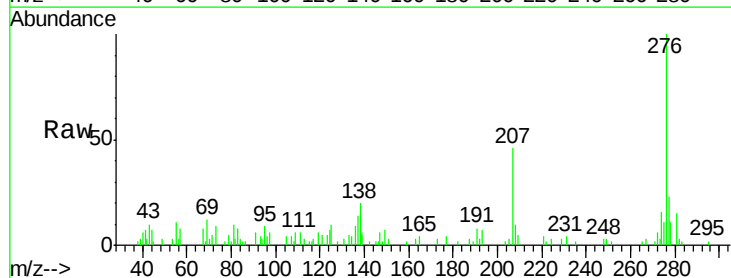
RT: 28.42 min Scan# 4355

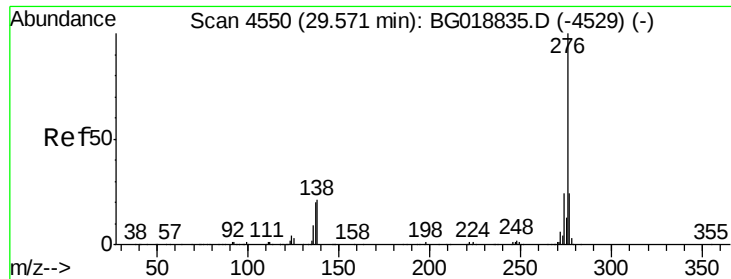
Delta R.T. -0.01 min

Lab File: BG018837.D

Acq: 23 Sep 2015 4:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	31754		
138	20.3	15.8	23.6	
277	22.6	18.9	28.3	





#94

Benzo(g,h,i)perylene

Concen: 1.06 ng/ul m

RT: 29.54 min Scan# 4545

Delta R.T. -0.03 min

Lab File: BG018837.D

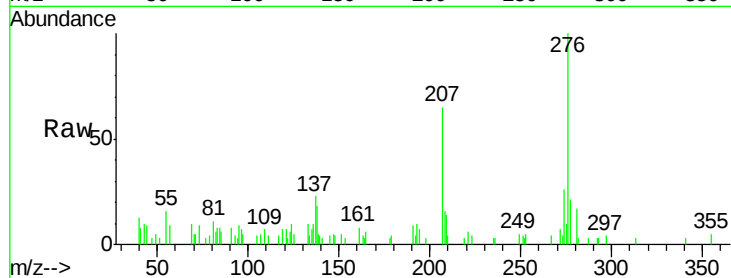
Acq: 23 Sep 2015 4:10

Instrument :

BNA_G

ClientSampleId :

JHAA2



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	17.9	16.5	24.7	
277	21.1	19.0	28.6	

Manual Integrations
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