

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052516\
 Data File : BG022068.D
 Acq On : 25 May 2016 21:23
 Operator : UM/SJ
 Sample : H3203-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XJ2

Quant Time: May 26 03:12:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 26 03:11:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40852	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	216324	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	121788	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	232287	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	190523	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	186829	20.00	ng/ul	-0.01

System Monitoring Compounds

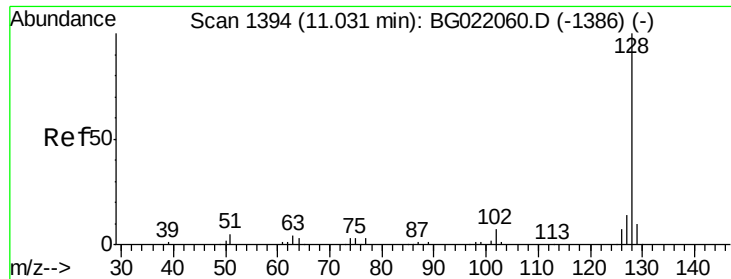
2) 1,4-Dioxane-d8	3.52	96	1467	1.65	ng/uL	0.00
3) Phenol-d5	7.32	99	88486	24.53	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	46454	24.18	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	77263	26.09	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	76801	23.90	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	40238	26.51	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	44733	27.62	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	76028	26.56	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	43612	19.35	ng/ul	0.00
16) Dimethylphthalate-d6	14.17	166	237246	25.26	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	328426	27.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	25261	15.29	ng/ul	0.00
21) Fluorene-d10	15.77	176	211617	25.04	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	30040	26.06	ng/ul	0.00
26) Anthracene-d10	17.62	188	284525	26.59	ng/ul	0.00
30) Pyrene-d10	19.90	212	273237	27.18	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	218626	26.35	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	11.02	128	15978	1.52	ng/ul	97
13) 2-Methylnaphthalene	12.62	142	10652	1.40	ng/ul	99
25) Phenanthrene	17.56	178	30720	2.47	ng/ul	96
28) Fluoranthene	19.57	202	46059	3.57	ng/ul#	98
31) Pyrene	19.57	202	46611	3.55	ng/ul	97
32) Benzo(a)anthracene	21.79	228	25025	2.37	ng/ul	93
33) Chrysene	21.85	228	34311	3.34	ng/ul#	94
35) Benzo(b)fluoranthene	24.08	252	47121	4.39	ng/ul#	91
36) Benzo(k)fluoranthene	24.08	252	47121	4.46	ng/ul#	92
38) Benzo(a)pyrene	24.98	252	25747	2.51	ng/ul#	93

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

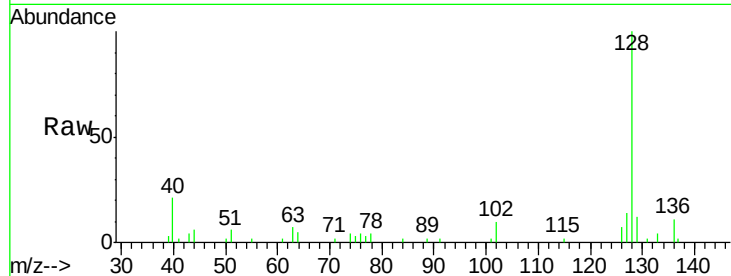
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052516\  
Data File : BG022068.D  
Acq On    : 25 May 2016   21:23  
Operator  : UM/SJ  
Sample    : H3203-18  
Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
```



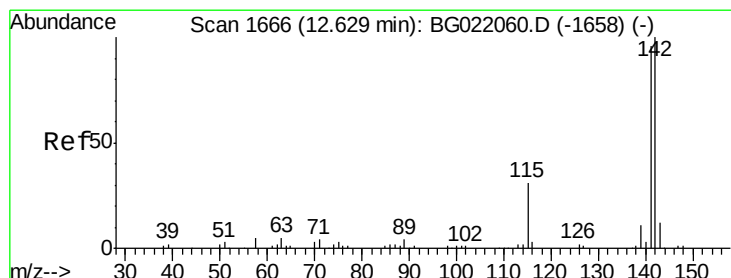
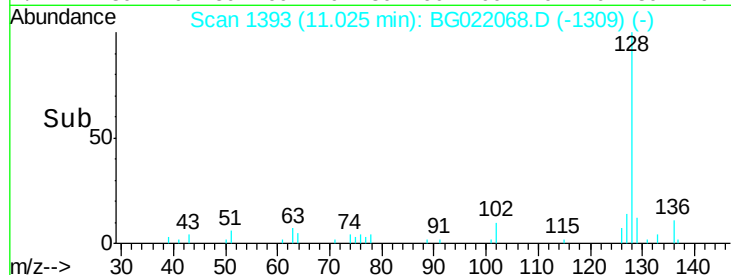
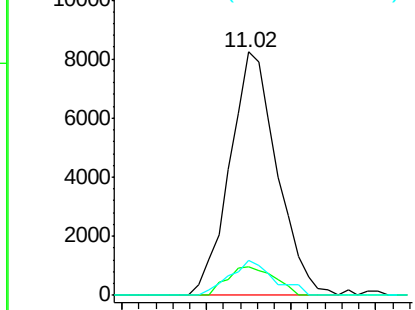
#11
Naphthalene
Concen: 1.52 ng/ul
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG022068.D
Acq: 25 May 2016 21:23

Instrument :
BNA_G
ClientSampleId :
D9XJ2

Tgt Ion:128 Resp: 15978
Ion Ratio Lower Upper
128 100
129 12.0 8.3 12.5
127 14.5 10.8 16.2

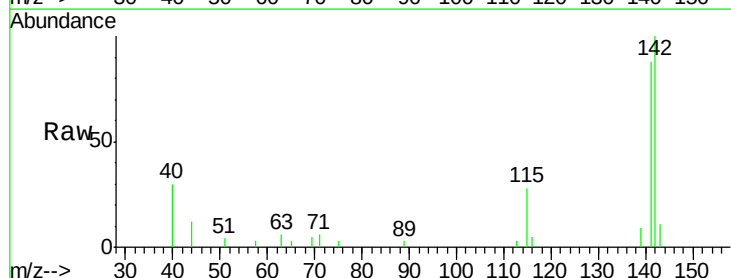


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

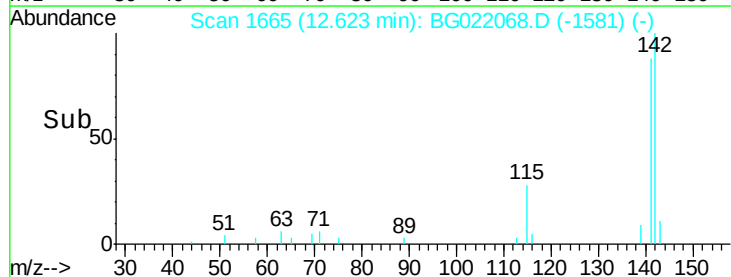
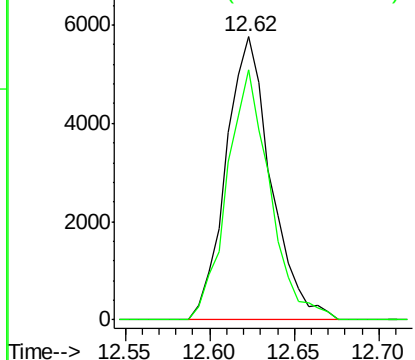


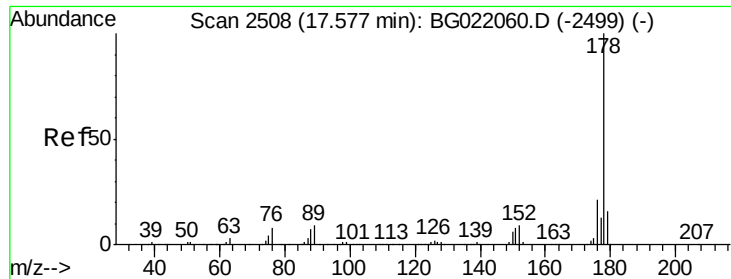
#13
2-Methylnaphthalene
Concen: 1.40 ng/ul
RT: 12.62 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG022068.D
Acq: 25 May 2016 21:23

Tgt Ion:142 Resp: 10652
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#25

Phenanthrene

Concen: 2.47 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG022068.D

Acq: 25 May 2016 21:23

Instrument :

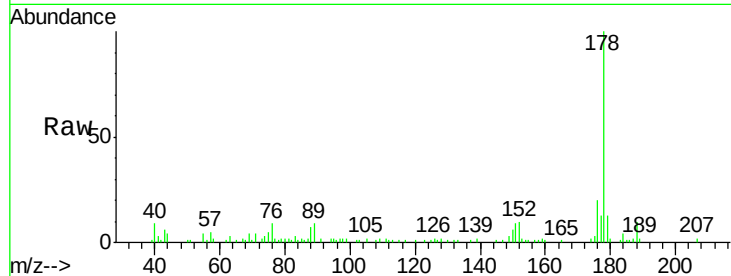
BNA_G

ClientSampleId :

D9XJ2

Tgt Ion:178 Resp: 30720

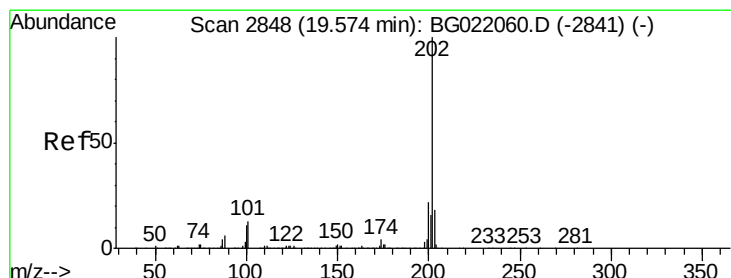
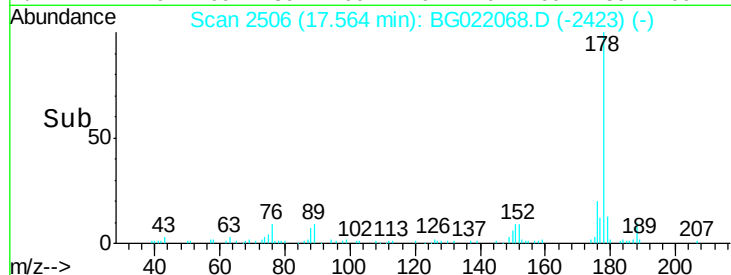
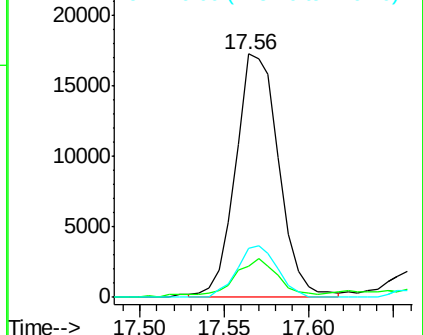
Ion	Ratio	Lower	Upper
178	100		
179	12.9	11.8	17.8
176	20.0	14.8	22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 3.57 ng/ul

RT: 19.57 min Scan# 2847

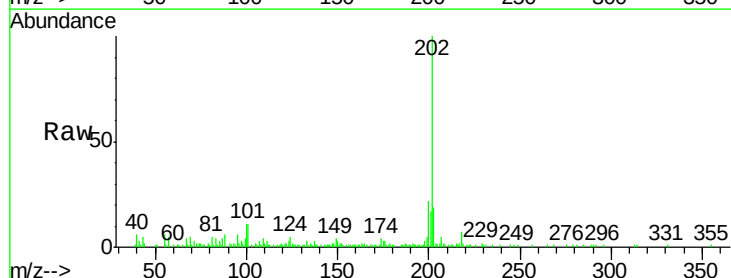
Delta R.T. -0.01 min

Lab File: BG022068.D

Acq: 25 May 2016 21:23

Tgt Ion:202 Resp: 46059

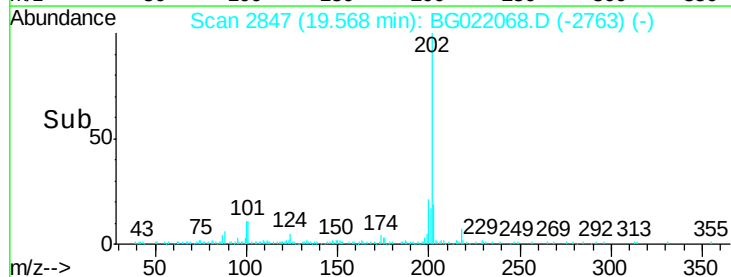
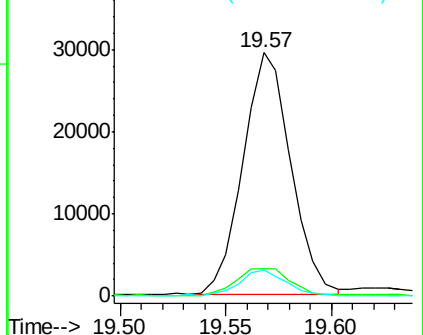
Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	10.6	7.0	10.4

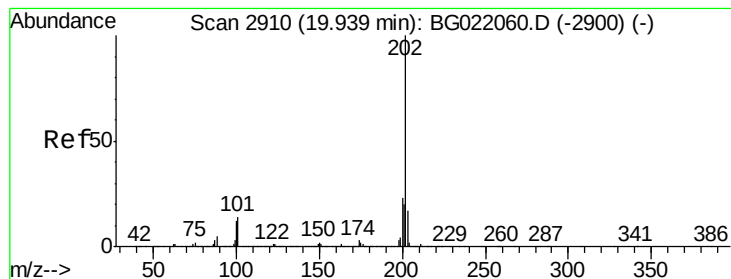


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#31

Pyrene

Concen: 3.55 ng/ul

RT: 19.57 min Scan# 2847

Delta R.T. -0.37 min

Lab File: BG022068.D

Acq: 25 May 2016 21:23

Instrument :

BNA_G

ClientSampleId :

D9XJ2

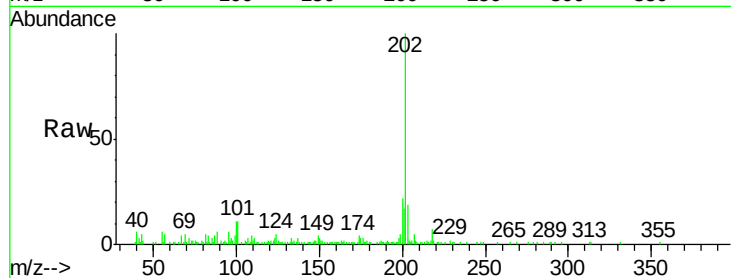
Tgt Ion:202 Resp: 46611

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

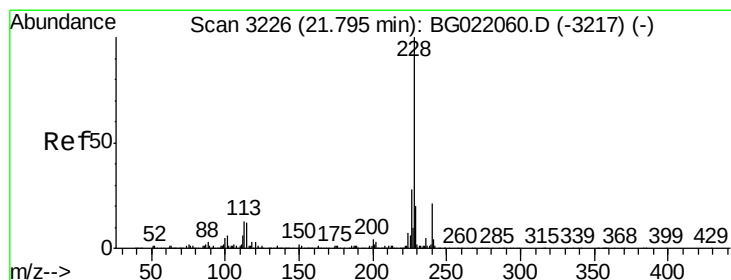
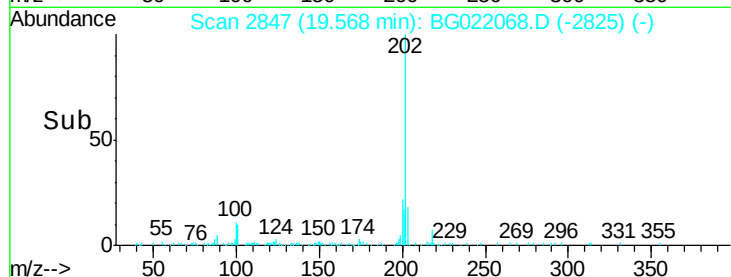
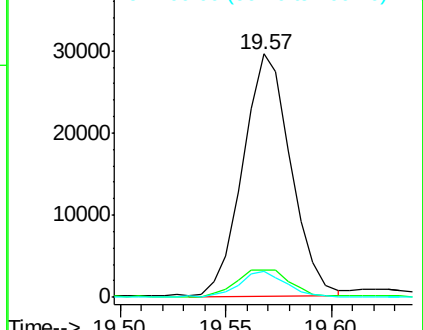
100 10.6 9.3 13.9



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): E



#32

Benzo(a)anthracene

Concen: 2.37 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG022068.D

Acq: 25 May 2016 21:23

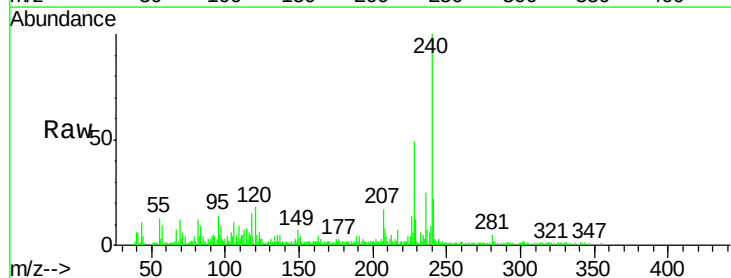
Tgt Ion:228 Resp: 25025

Ion Ratio Lower Upper

228 100

229 24.3 16.6 25.0

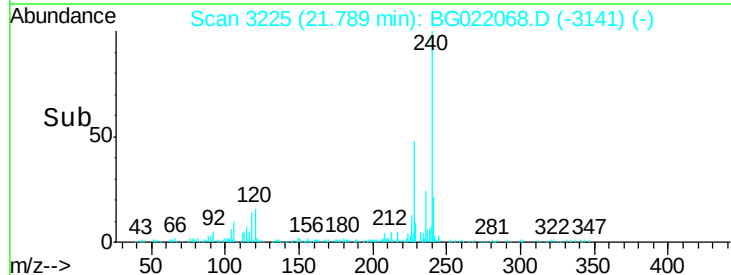
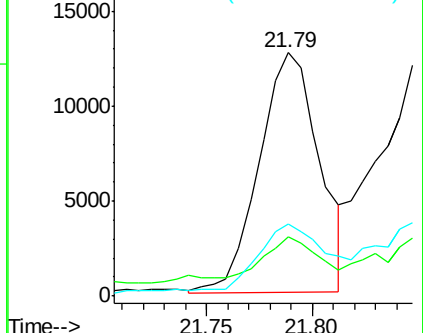
226 29.5 21.0 31.4

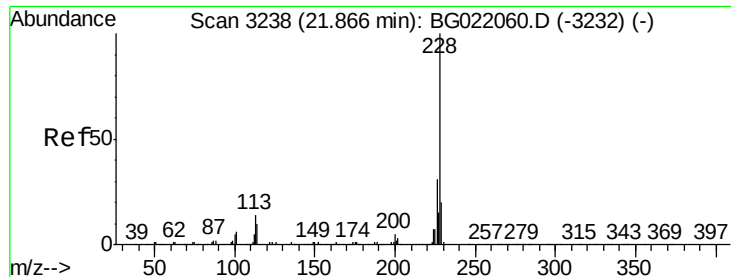


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 3.34 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG022068.D

Acq: 25 May 2016 21:23

Instrument :

BNA_G

ClientSampleId :

D9XJ2

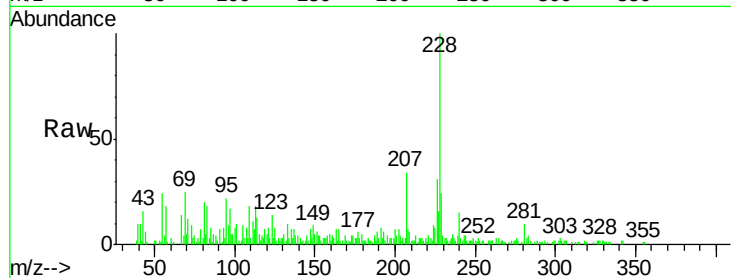
Tgt Ion: 228 Resp: 34311

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.2

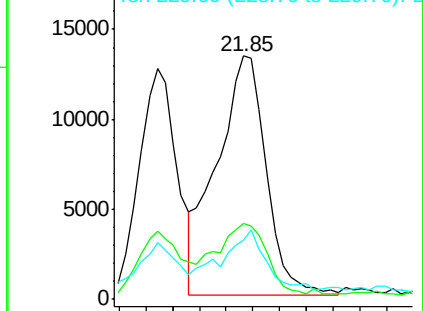
229 24.4 16.2 24.2#



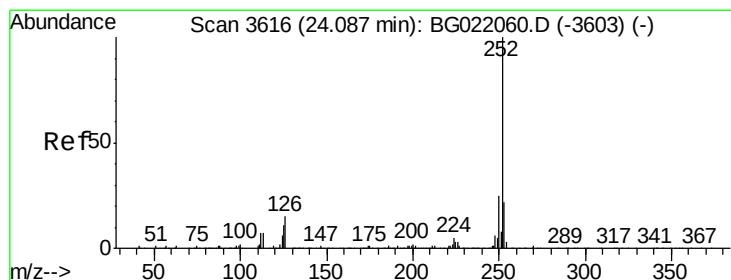
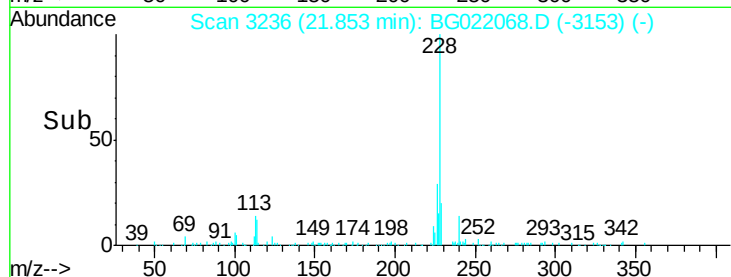
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#35

Benzo(b)fluoranthene

Concen: 4.39 ng/ul

RT: 24.08 min Scan# 3615

Delta R.T. -0.01 min

Lab File: BG022068.D

Acq: 25 May 2016 21:23

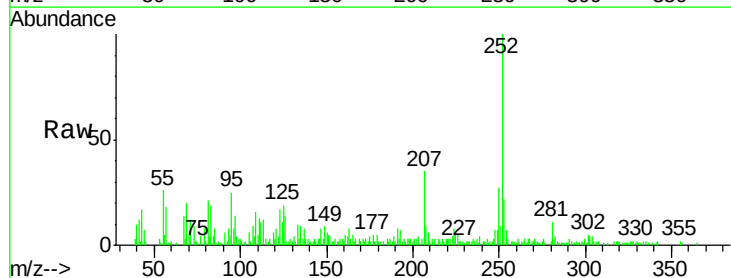
Tgt Ion: 252 Resp: 47121

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

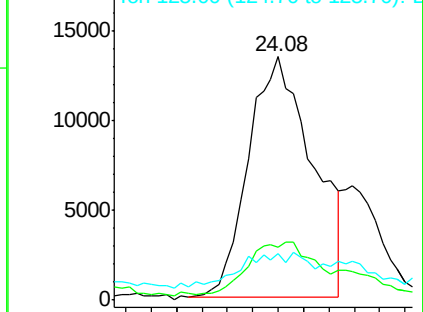
125 19.1 7.6 11.4#



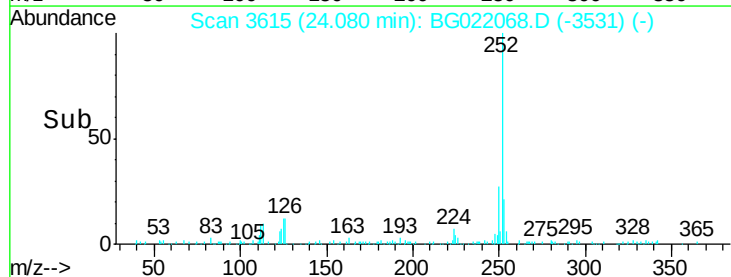
Abundance Ion 252.00 (251.70 to 252.70): E

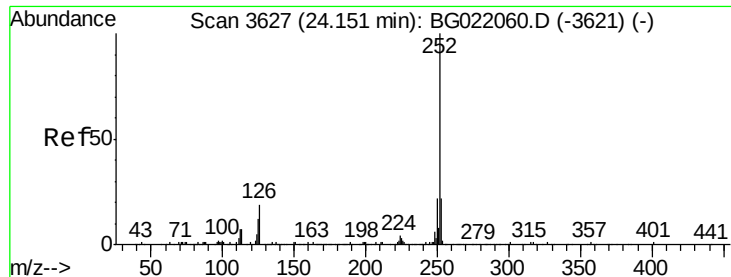
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

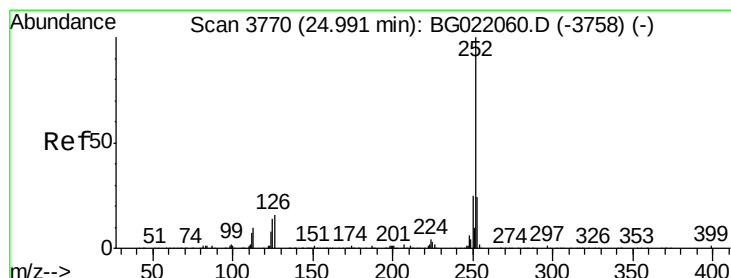
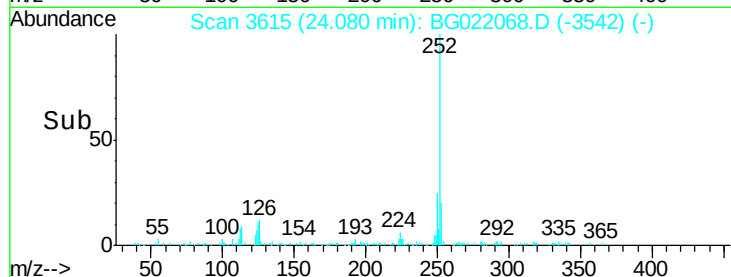
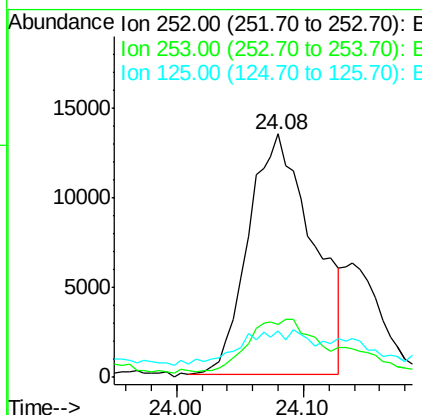
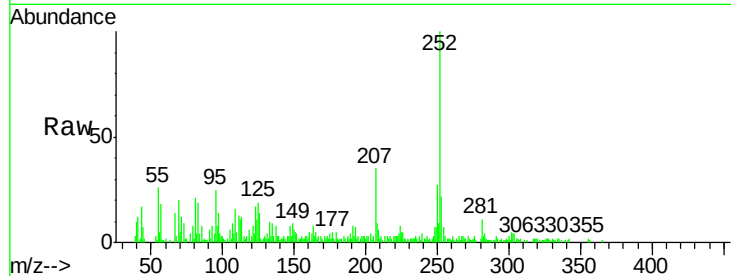




#36
Benzo(k)fluoranthene
Concen: 4.46 ng/ul
RT: 24.08 min Scan# 3615
Delta R.T. -0.07 min
Lab File: BG022068.D
Acq: 25 May 2016 21:23

Instrument :
BNA_G
ClientSampleId :
D9XJ2

Tgt Ion:252 Resp: 47121
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 19.1 7.7 11.5#



#38
Benzo(a)pyrene
Concen: 2.51 ng/ul
RT: 24.98 min Scan# 3768
Delta R.T. -0.01 min
Lab File: BG022068.D
Acq: 25 May 2016 21:23

Tgt Ion:252 Resp: 25747
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 17.6 8.2 12.2#

