

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
 Data File : BG021969.D
 Acq On : 19 May 2016 19:04
 Operator : UM/SJ
 Sample : H3092-19MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 20 05:48:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 05:44:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	36461	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	176975	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	97224	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	189720	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	157875	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	150420	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	2047	2.58	ng/uL	0.00
3) Phenol-d5	7.31	99	42872	13.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	32725	19.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	44815	16.95	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	17446	6.08	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	25108	20.22	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	21914	16.54	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	37800	16.14	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	11262	6.11	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	143411	19.13	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	210617	21.81	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	1921	1.46	ng/ul	0.02
21) Fluorene-d10	15.77	176	137626	20.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	4189	4.45	ng/ul	0.00
26) Anthracene-d10	17.63	188	177950	20.36	ng/ul	0.00
30) Pyrene-d10	19.90	212	190117	22.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	140421	21.02	ng/ul	0.00

Target Compounds

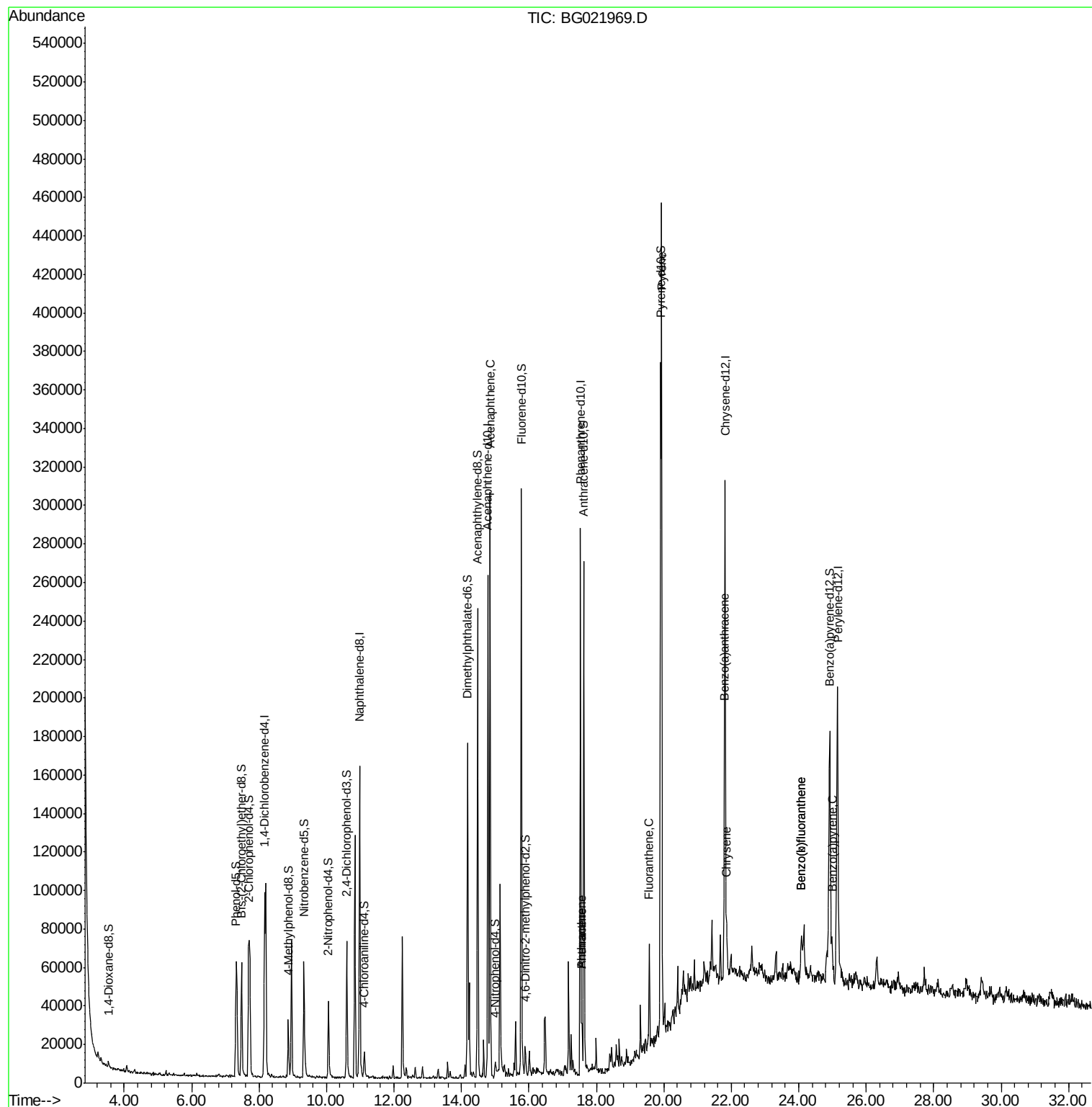
						Ovalue
19) Acenaphthene	14.85	153	148287	21.48	ng/ul	98
25) Phenanthrene	17.57	178	17707	1.75	ng/ul#	92
27) Anthracene	17.57	178	17707	1.74	ng/ul	95
28) Fluoranthene	19.57	202	33137	3.14	ng/ul#	91
31) Pyrene	19.93	202	270580	24.89	ng/ul#	90
32) Benzo(a)anthracene	21.79	228	17502	2.00	ng/ul	98
33) Chrysene	21.86	228	18233	2.14	ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	26903	3.11	ng/ul#	85
36) Benzo(k)fluoranthene	24.08	252	26903	3.16	ng/ul#	84
38) Benzo(a)pyrene	24.99	252	15917	1.92	ng/ul#	82

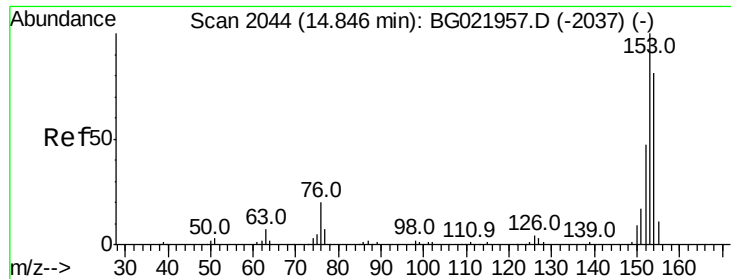
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#19

Acenaphthene

Concen: 21.48 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

Instrument :

BNA_G

ClientSampled :

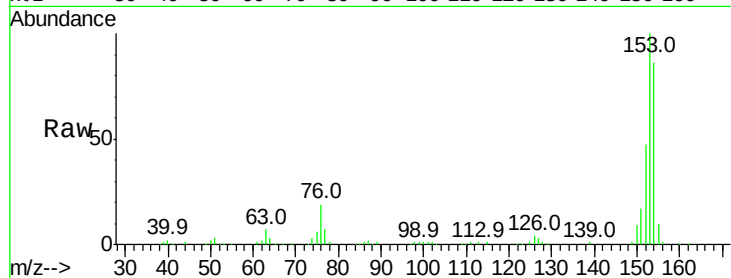
Tot Ion:153 Resp: 148287

Ion Ratio Lower Upper

153 100

152 47.1 36.5 54.7

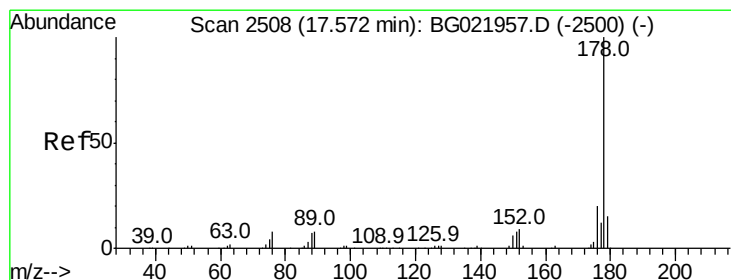
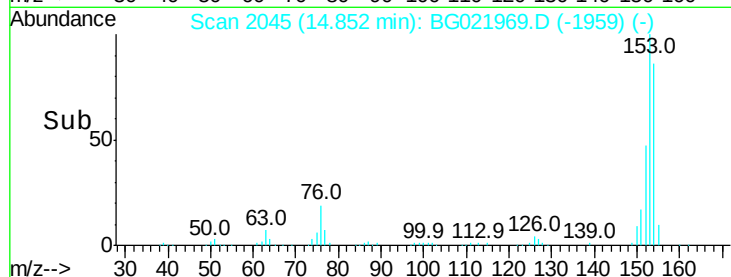
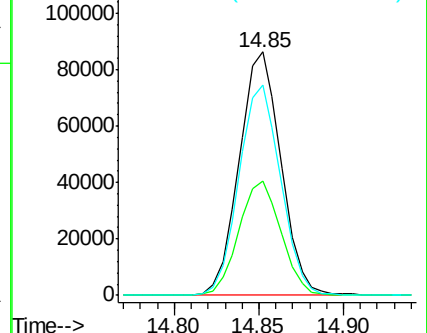
154 86.2 67.3 100.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#25

Phenanthrene

Concen: 1.75 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

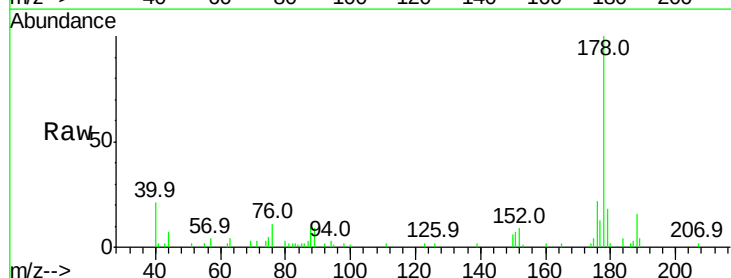
Tgt Ion:178 Resp: 17707

Ion Ratio Lower Upper

178 100

179 18.1 11.8 17.8#

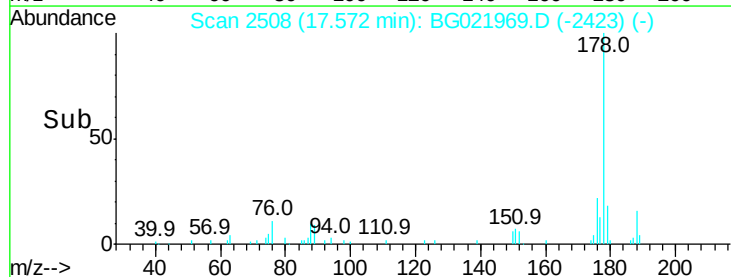
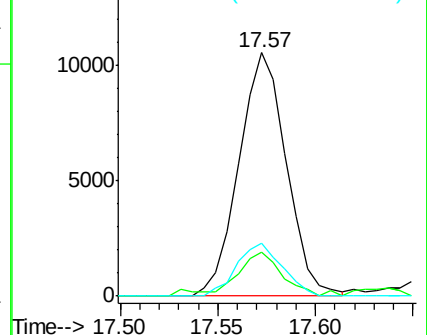
176 21.7 14.8 22.2

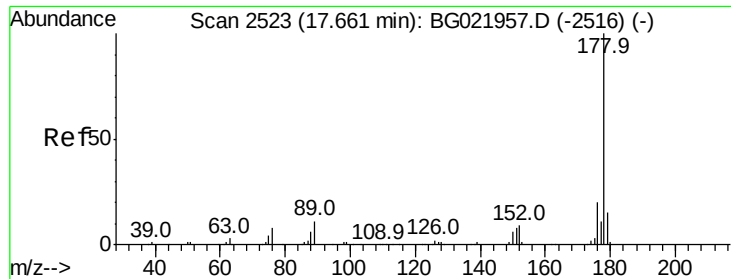


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

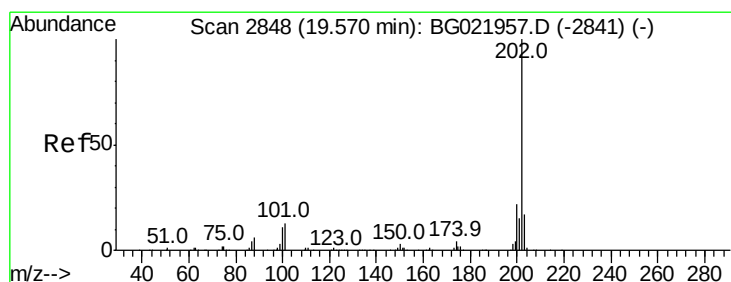
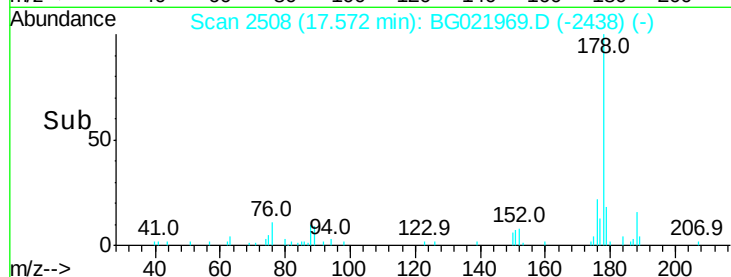
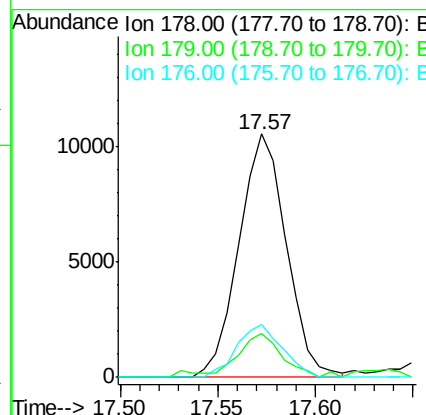
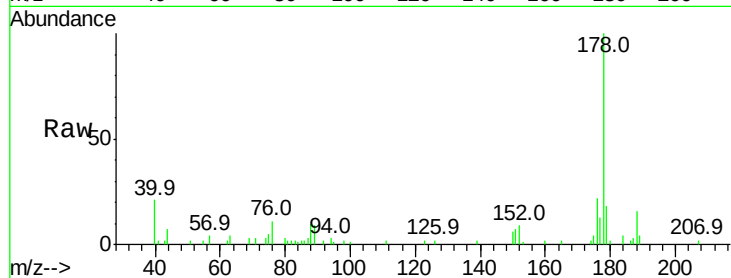




#27
 Anthracene
 Concen: 1.74 ng/ul
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.09 min
 Lab File: BG021969.D
 Acq: 19 May 2016 19:04

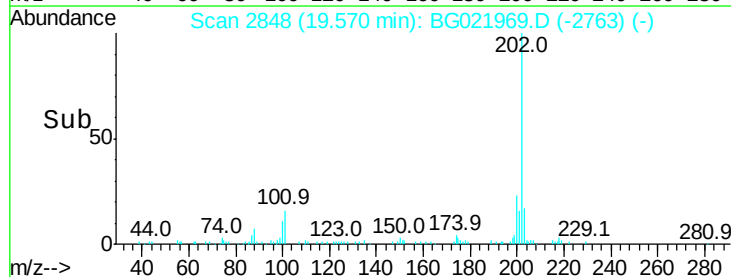
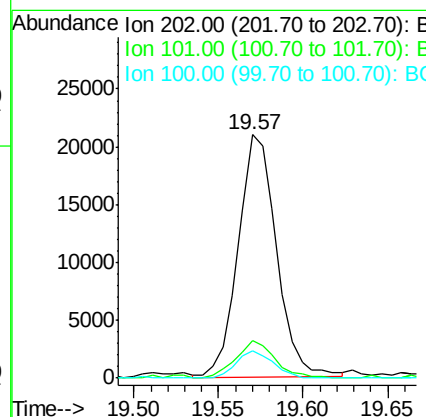
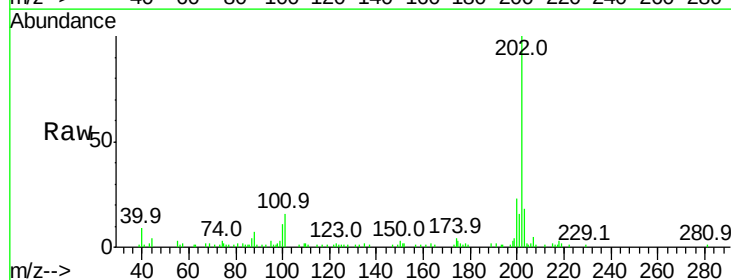
Instrument :
 BNA_G
 ClientSampleId :

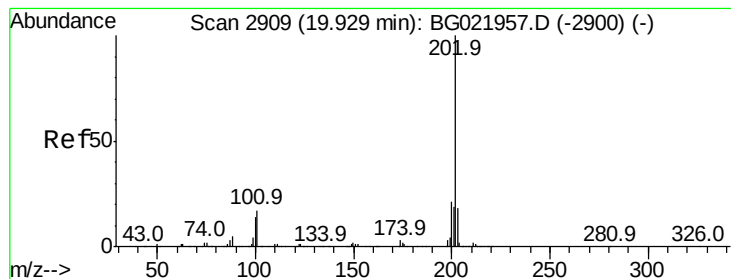
Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.9	19.3
176	21.7	15.6	23.4



#28
 Fluoranthene
 Concen: 3.14 ng/ul
 RT: 19.57 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG021969.D
 Acq: 19 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	8.9	13.3#
100	11.0	7.0	10.4#





#31

Pvrene

Concen: 24.89 ng/ul

RT: 19.93 min Scan# 2910

Delta R.T. 0.01 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

Instrument :

BNA_G

ClientSampleId :

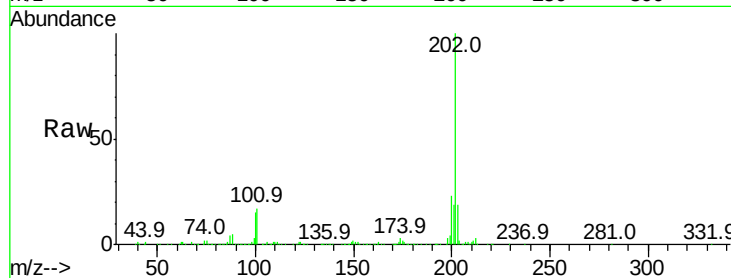
Tot Ion:202 Resp: 270580

Ion Ratio Lower Upper

202 100

101 17.0 9.8 14.8#

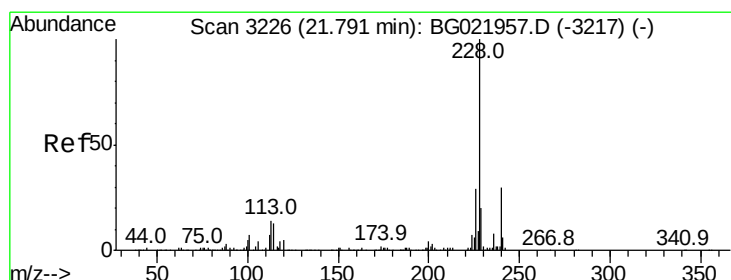
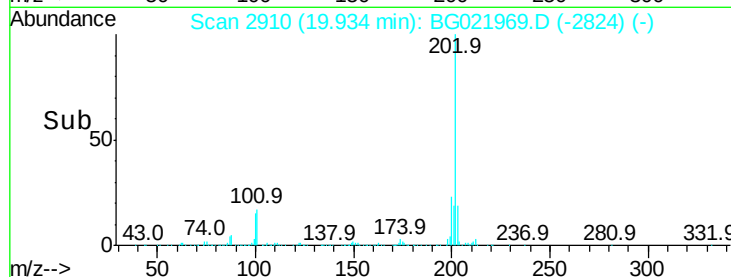
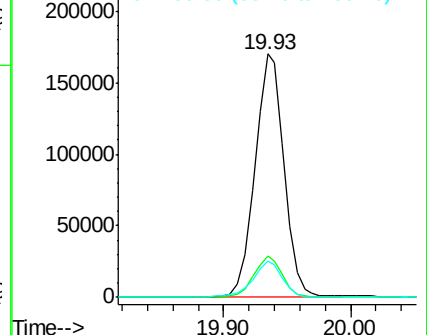
100 14.9 9.3 13.9#



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: 2.00 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

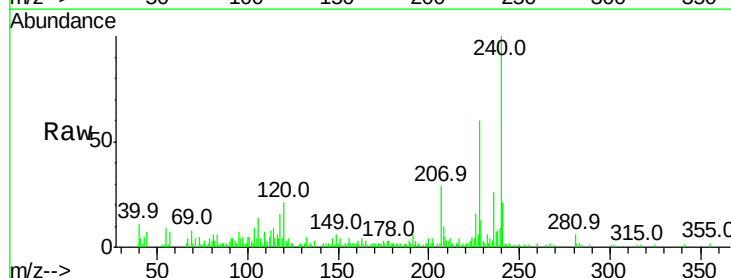
Tgt Ion:228 Resp: 17502

Ion Ratio Lower Upper

228 100

229 22.0 16.6 25.0

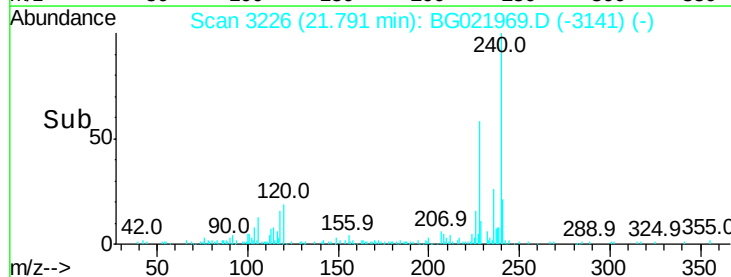
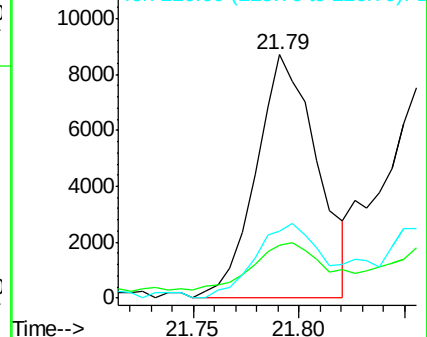
226 27.5 21.0 31.4

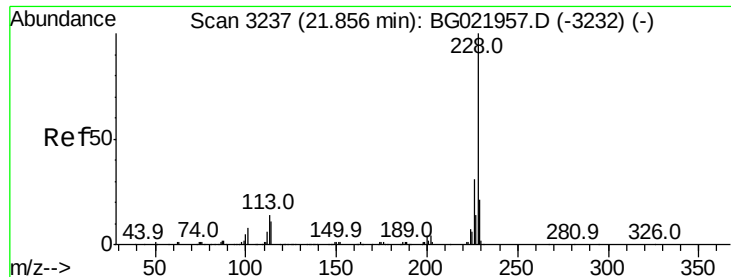


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 2.14 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

Instrument :

BNA_G

ClientSampleId :

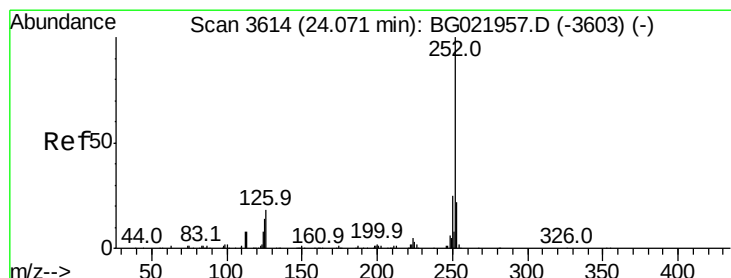
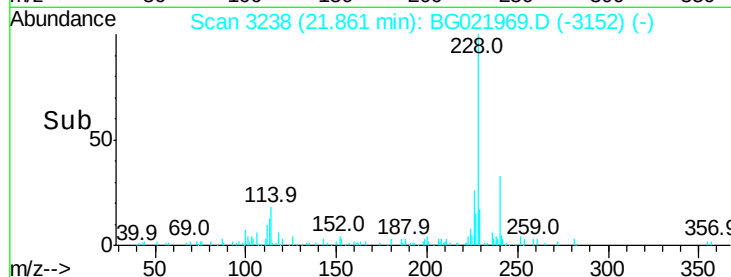
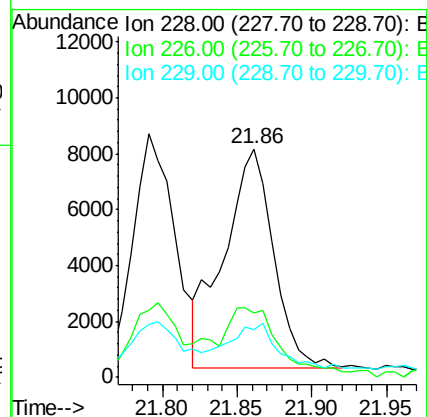
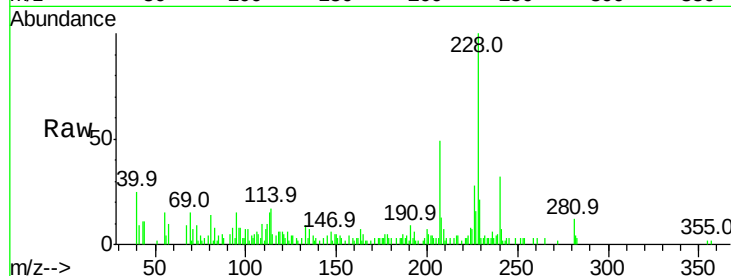
Tot Ion:228 Resp: 18233

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.2

229 20.9 16.2 24.2



#35

Benzo(b)fluoranthene

Concen: 3.11 ng/ul

RT: 24.08 min Scan# 3616

Delta R.T. 0.01 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

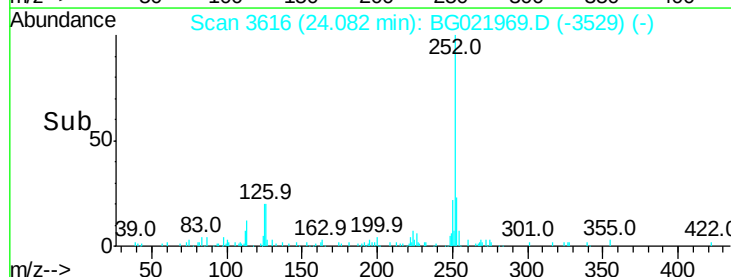
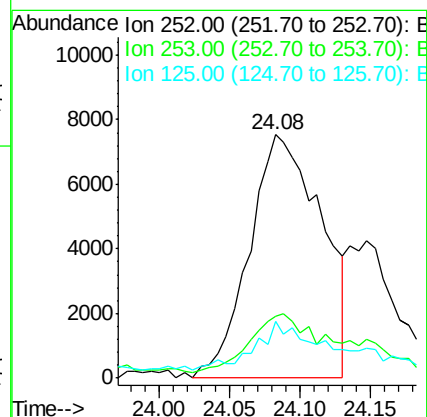
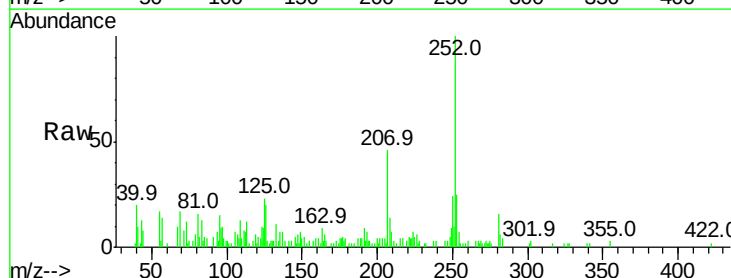
Tgt Ion:252 Resp: 26903

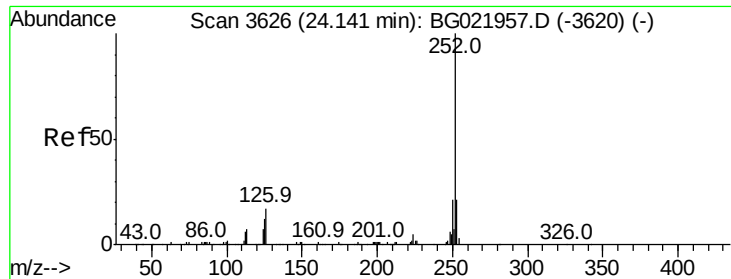
Ion Ratio Lower Upper

252 100

253 25.3 18.1 27.1

125 23.4 7.6 11.4#

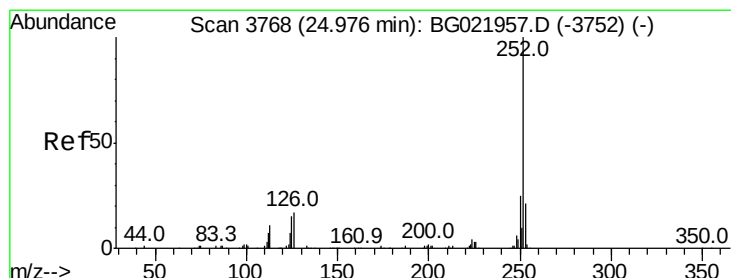
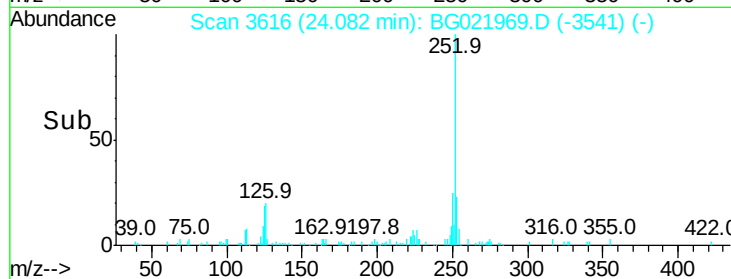
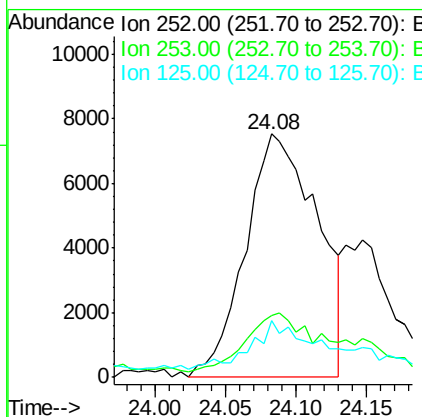
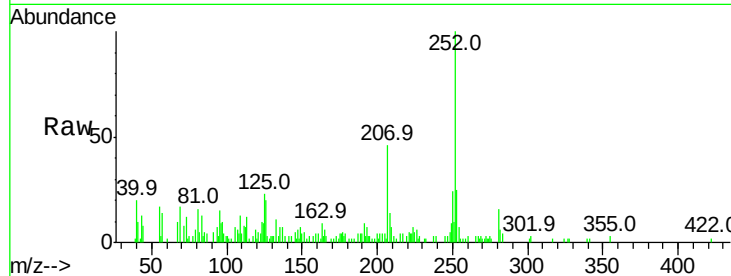




#36
Benzo(k)fluoranthene
Concen: 3.16 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. -0.06 min
Lab File: BG021969.D
Acq: 19 May 2016 19:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	23.4	7.7	11.5



#38
Benzo(a)pyrene
Concen: 1.92 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.01 min
Lab File: BG021969.D
Acq: 19 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.4	26.0
125	16.4	8.2	12.2

