

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021941.D
 Acq On : 18 May 2016 20:36
 Operator : UM/SJ
 Sample : H3092-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC3

Quant Time: May 19 03:10:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	29470	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	160860	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	98683	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	214671	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	191199	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	177408	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1754	2.73	ng/uL	0.00
3) Phenol-d5	7.31	99	31849	12.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	20156	14.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	31338	14.67	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	22733	9.81	ng/ul	0.00
8) Nitrobenzene-d5	9.34	128	16663	14.76	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	17204	14.29	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	28896	13.58	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	28182	16.81	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	120344	15.82	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	160033	16.33	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	1705	1.27	ng/ul	0.02
21) Fluorene-d10	15.77	176	110572	16.15	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	10667	10.01	ng/ul	0.00
26) Anthracene-d10	17.63	188	164873	16.67	ng/ul	0.00
30) Pyrene-d10	19.90	212	177385	17.58	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	137629	17.47	ng/ul	0.00

Target Compounds

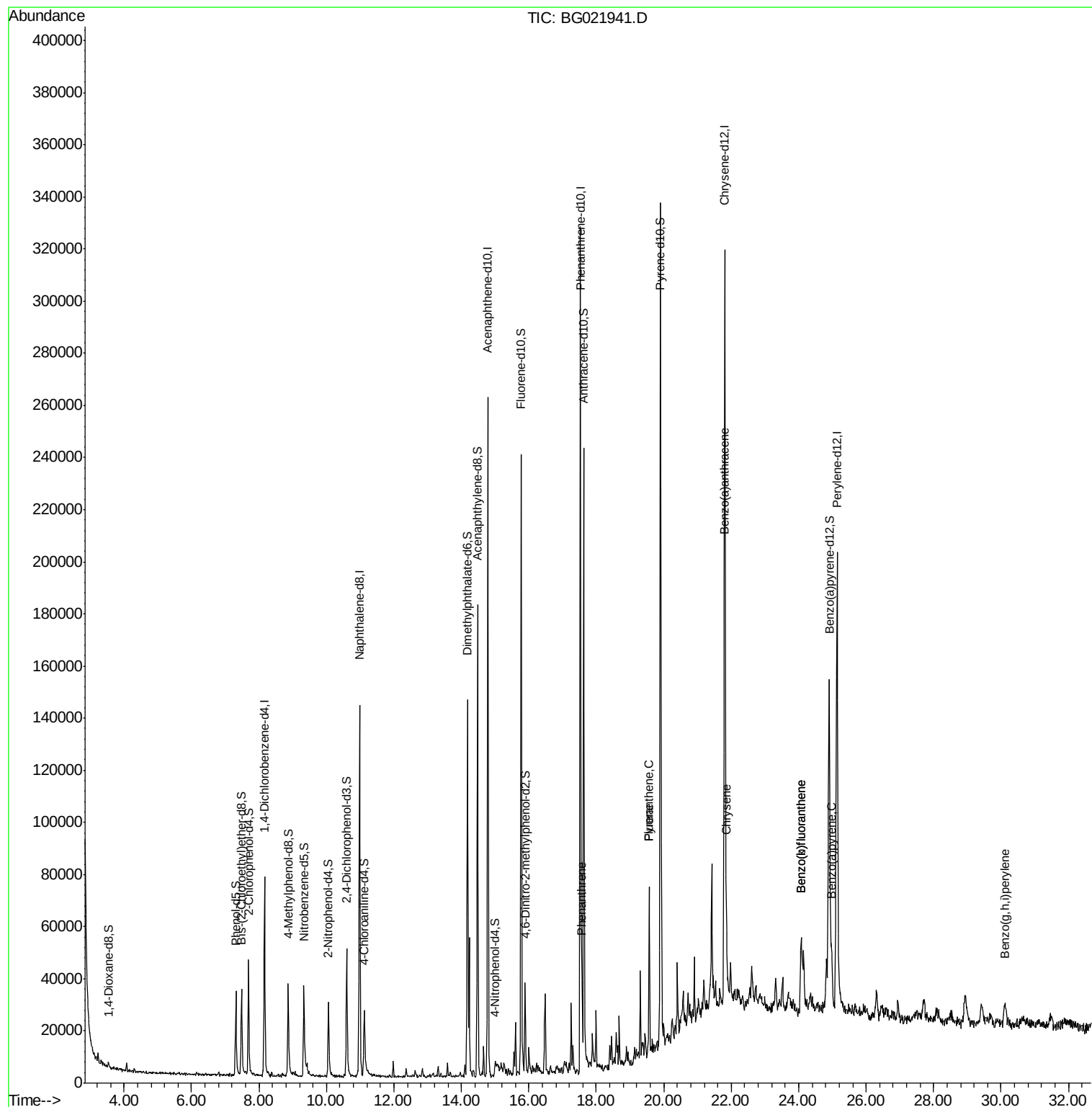
						Ovalue
25) Phenanthrene	17.57	178	20349	1.77	ng/ul	98
28) Fluoranthene	19.57	202	43631	3.66	ng/ul#	94
31) Pyrene	19.57	202	43631	3.31	ng/ul	97
32) Benzo(a)anthracene	21.79	228	23091	2.18	ng/ul#	92
33) Chrysene	21.86	228	24731	2.40	ng/ul#	86
35) Benzo(b)fluoranthene	24.08	252	33246	3.26	ng/ul#	91
36) Benzo(k)fluoranthene	24.08	252	33246	3.31	ng/ul#	92
38) Benzo(a)pyrene	24.98	252	23055	2.36	ng/ul#	87
41) Benzo(a,h,i)perylene	30.12	276	14640	1.56	ng/ul#	86

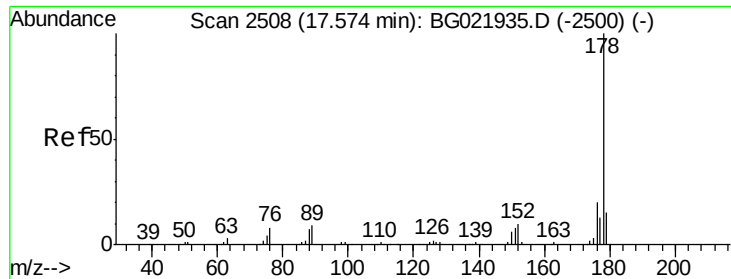
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021941.D
Acq On : 18 May 2016 20:36
Operator : UM/SJ
Sample : H3092-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XC3

Quant Time: May 19 03:10:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:03:18 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.77 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG021941.D

Acq: 18 May 2016 20:36

Instrument :

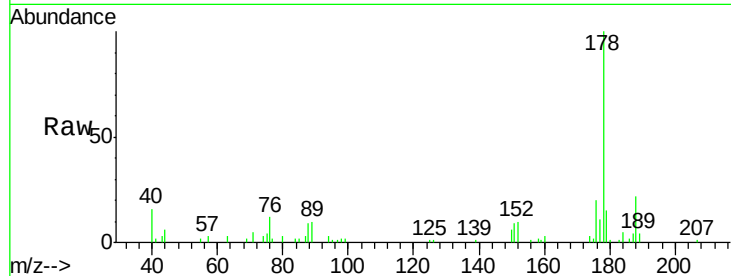
BNA_G

ClientSampleId :

D9XC3

Tot Ion:178 Resp: 20349

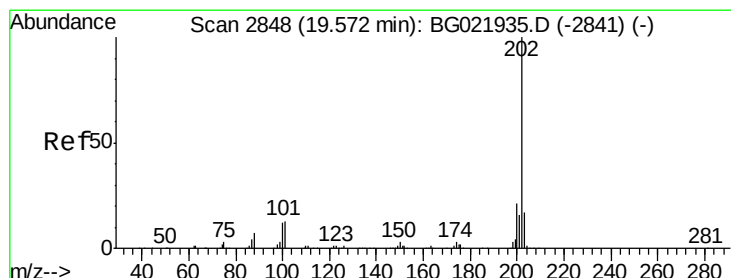
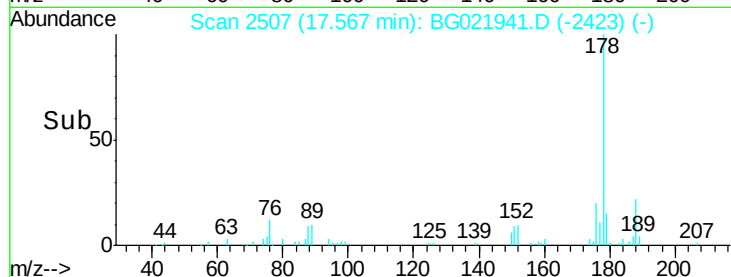
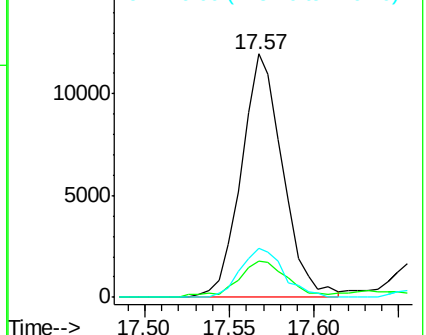
Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	20.4	14.8	22.2



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: 3.66 ng/ul

RT: 19.57 min Scan# 2848

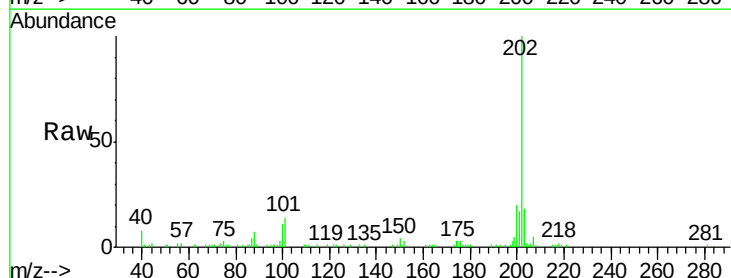
Delta R.T. -0.00 min

Lab File: BG021941.D

Acq: 18 May 2016 20:36

Tgt Ion:202 Resp: 43631

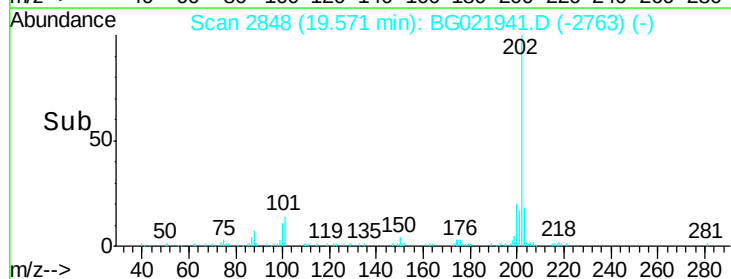
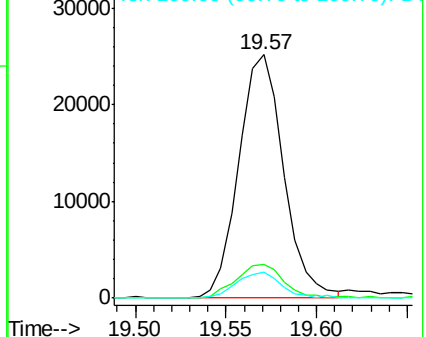
Ion	Ratio	Lower	Upper
202	100		
101	13.7	8.9	13.3#
100	10.6	7.0	10.4#

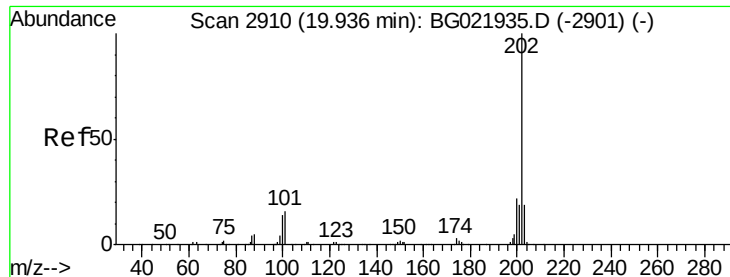


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

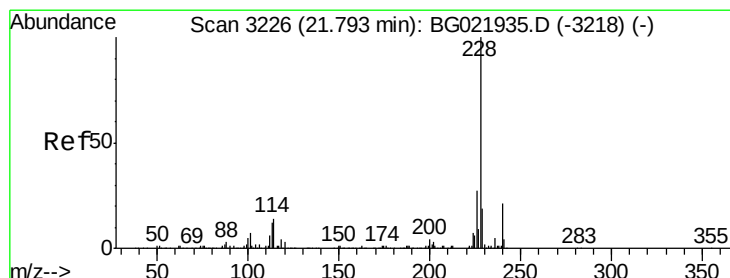
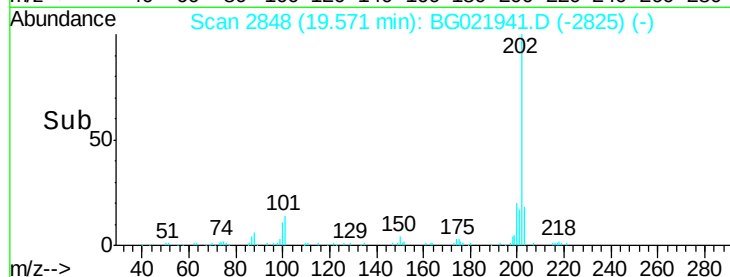
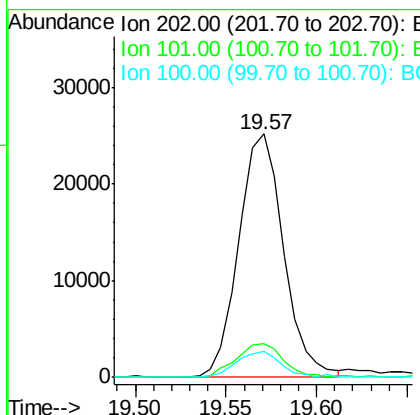
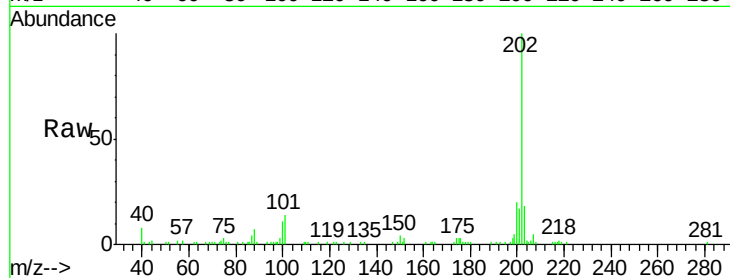




#31
 Pvrene
 Concen: 3.31 ng/ul
 RT: 19.57 min Scan# 2848
 Delta R.T. -0.37 min
 Lab File: BG021941.D
 Acq: 18 May 2016 20:36

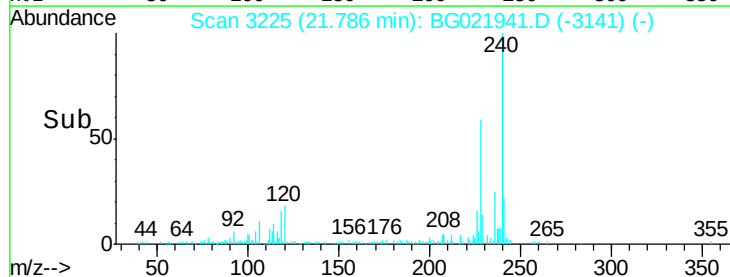
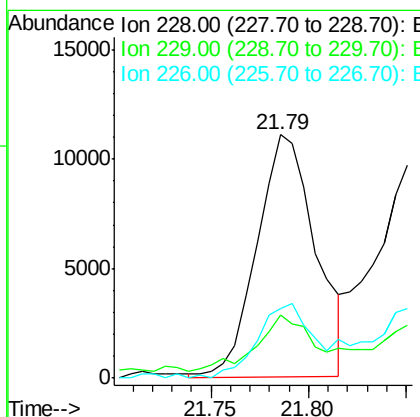
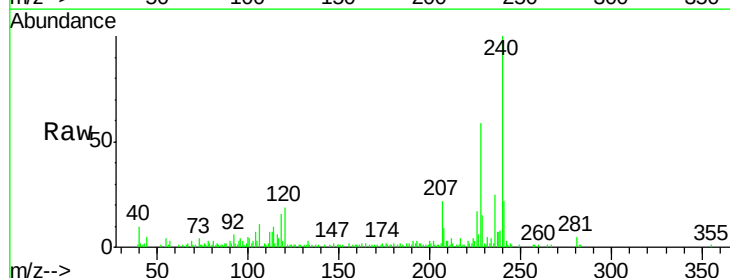
Instrument :
 BNA_G
 ClientSampleId :
 D9XC3

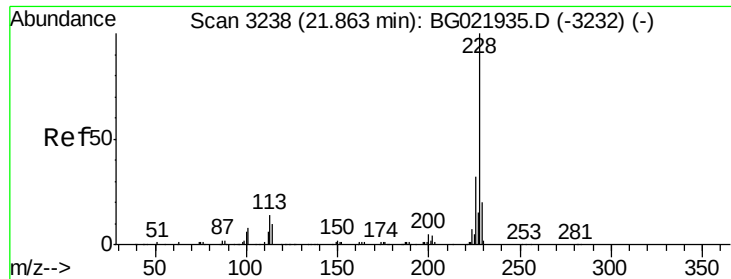
Tot Ion:202 Resp: 43631
 Ion Ratio Lower Upper
 202 100
 101 13.7 9.8 14.8
 100 10.6 9.3 13.9



#32
 Benzo(a)anthracene
 Concen: 2.18 ng/ul
 RT: 21.79 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BG021941.D
 Acq: 18 May 2016 20:36

Tgt Ion:228 Resp: 23091
 Ion Ratio Lower Upper
 228 100
 229 26.0 16.6 25.0#
 226 28.7 21.0 31.4





#33

Chrysene

Concen: 2.40 ng/ul

RT: 21.86 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG021941.D

Acq: 18 May 2016 20:36

Instrument :

BNA_G

ClientSampleId :

D9XC3

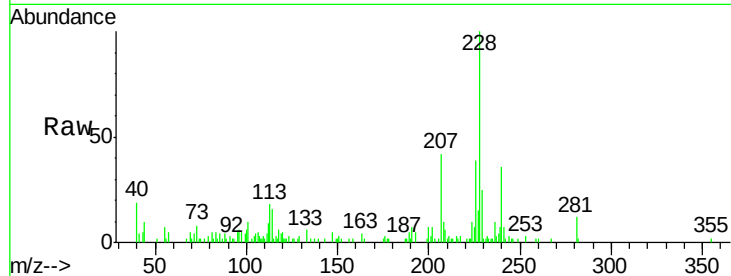
Tot Ion:228 Resp: 24731

Ion Ratio Lower Upper

228 100

226 38.5 23.4 35.2#

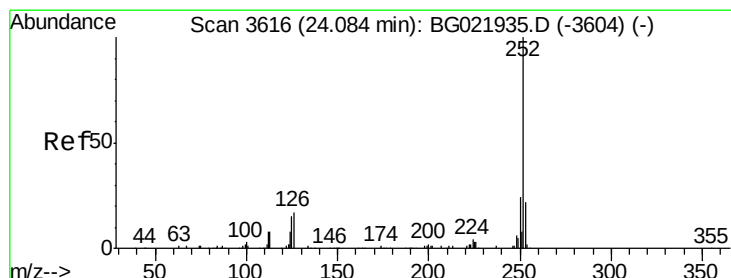
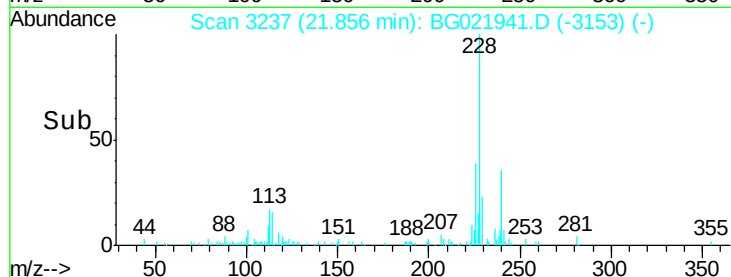
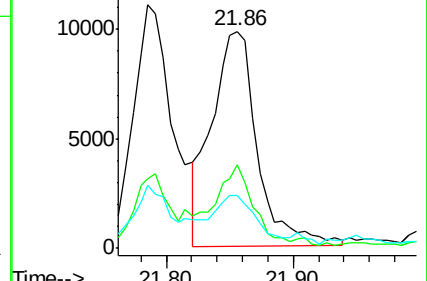
229 24.5 16.2 24.2#



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



#35

Benzo(b)fluoranthene

Concen: 3.26 ng/ul

RT: 24.08 min Scan# 3615

Delta R.T. -0.01 min

Lab File: BG021941.D

Acq: 18 May 2016 20:36

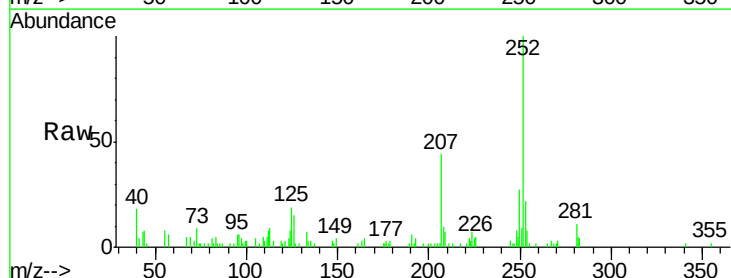
Tgt Ion:252 Resp: 33246

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

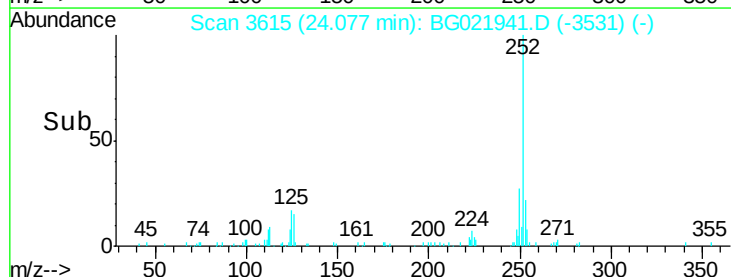
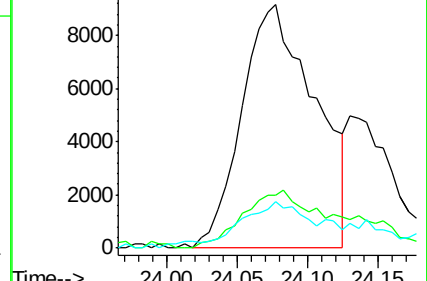
125 18.9 7.6 11.4#

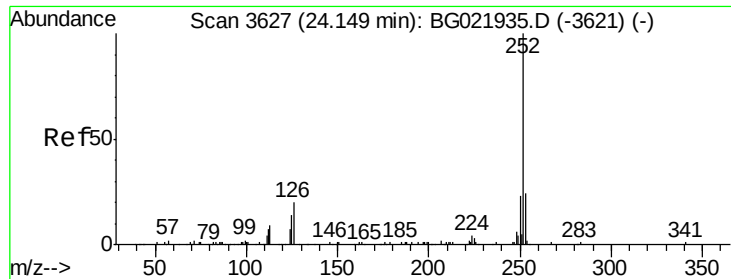


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

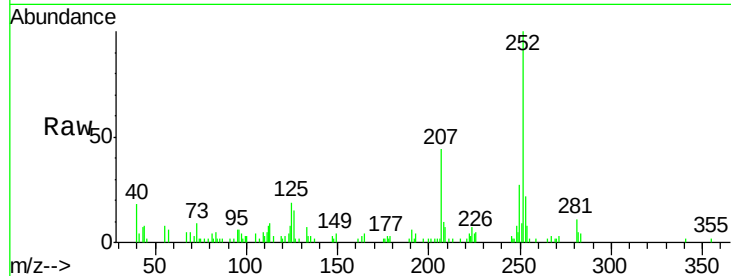




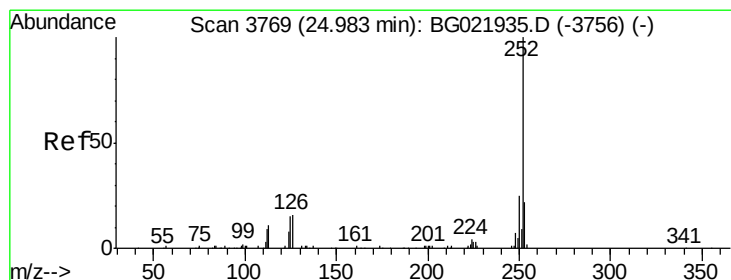
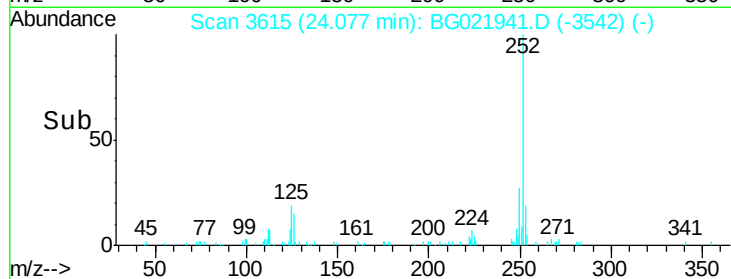
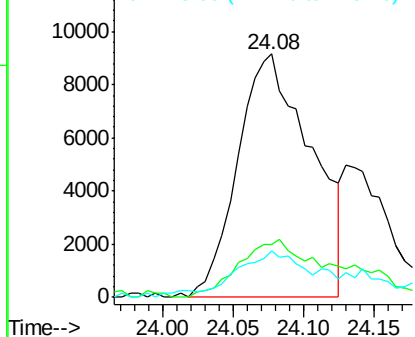
#36
Benzo(k)fluoranthene
Concen: 3.31 ng/ul
RT: 24.08 min Scan# 3615
Delta R.T. -0.07 min
Lab File: BG021941.D
Acq: 18 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
D9XC3

Tot Ion:252 Resp: 33246
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 18.9 7.7 11.5#

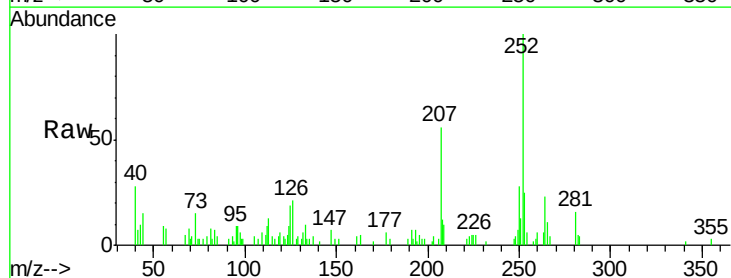


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

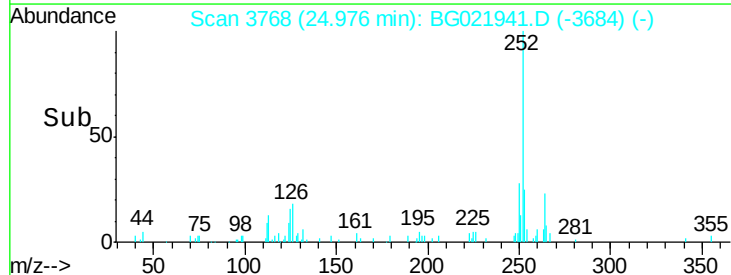
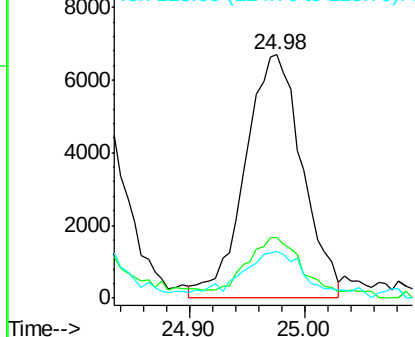


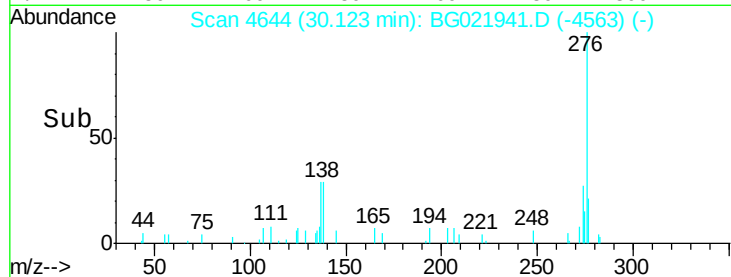
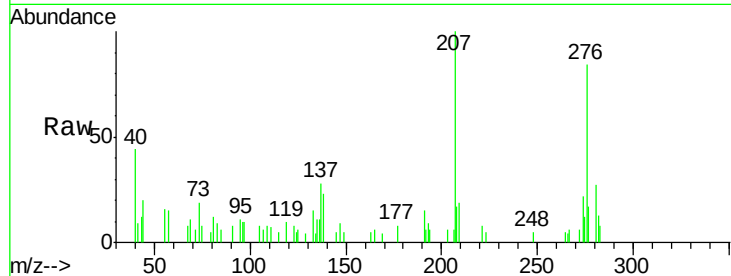
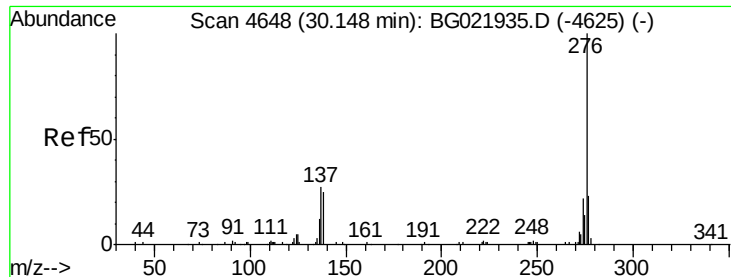
#38
Benzo(a)pyrene
Concen: 2.36 ng/ul
RT: 24.98 min Scan# 3768
Delta R.T. -0.01 min
Lab File: BG021941.D
Acq: 18 May 2016 20:36

Tgt Ion:252 Resp: 23055
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.0
125 19.1 8.2 12.2#



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





#41

Benzo(a,h,i)perylene

Concen: 1.56 ng/ul

RT: 30.12 min Scan# 4644

Delta R.T. -0.02 min

Lab File: BG021941.D

Acq: 18 May 2016 20:36

Instrument :

BNA_G

ClientSampleId :

D9XC3

Tot Ion:276 Resp: 14640

Ion Ratio Lower Upper

276 100

138 27.0 13.9 20.9#

277 20.1 19.8 29.6

