

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029117.D
 Acq On : 9 Oct 2017 21:17
 Operator : SJ/JU
 Sample : I5578-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGQ4

Quant Time: Oct 10 06:34:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration

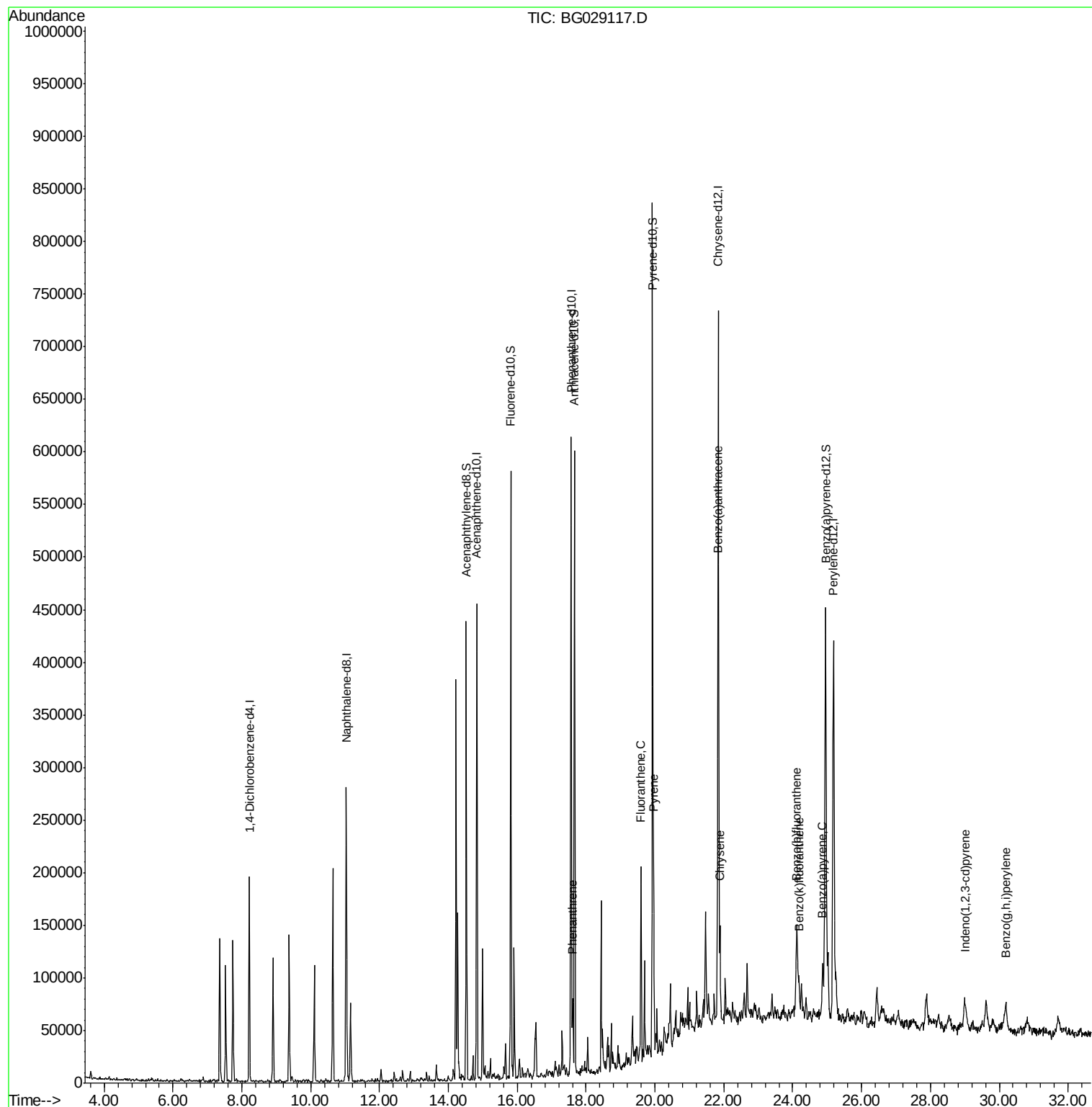
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	53027	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	234337	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	158779	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	370986	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	398970	20.00	ng/ul	0.00
22) Perylene-d12	25.19	264	413708	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	318918	19.31	ng/ul	0.00
10) Fluorene-d10	15.81	176	240825	20.11	ng/ul	0.00
14) Anthracene-d10	17.66	188	352433	19.61	ng/ul	0.00
18) Pyrene-d10	19.93	212	433179	21.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	405166	20.44	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	46659	2.358	ng/ul	99
16) Fluoranthene	19.59	202	109257	4.710	ng/ul#	90
19) Pyrene	19.96	202	101437	4.079	ng/ul	95
20) Benzo(a)anthracene	21.82	228	68613	2.920	ng/ul	97
21) Chrysene	21.89	228	70849	3.293	ng/ul	94
23) Benzo(b)fluoranthene	24.12	252	107043	4.325	ng/ul#	94
24) Benzo(k)fluoranthene	24.18	252	41717	1.727	ng/ul#	95
26) Benzo(a)pyrene	24.88	252	44560	1.854	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	29.00	276	56109	2.057	ng/ul	94
29) Benzo(g,h,i)perylene	30.19	276	48177	2.141	ng/ul	93

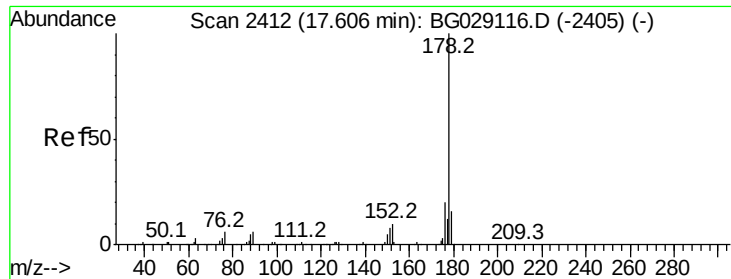
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029117.D
Acq On : 9 Oct 2017 21:17
Operator : SJ/JU
Sample : I5578-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAGQ4

Quant Time: Oct 10 06:34:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 06:24:09 2017
Response via : Initial Calibration

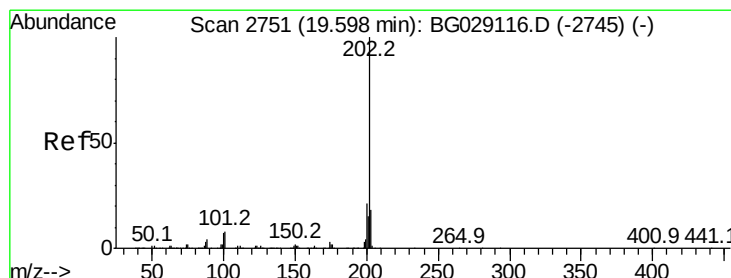
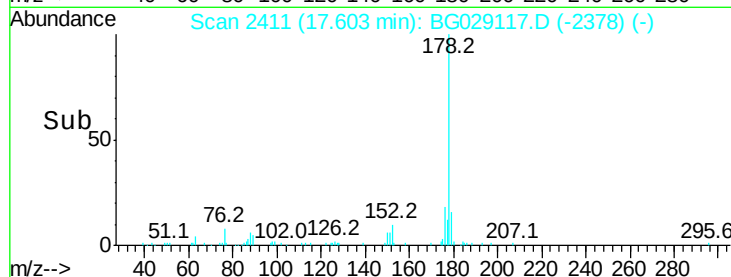
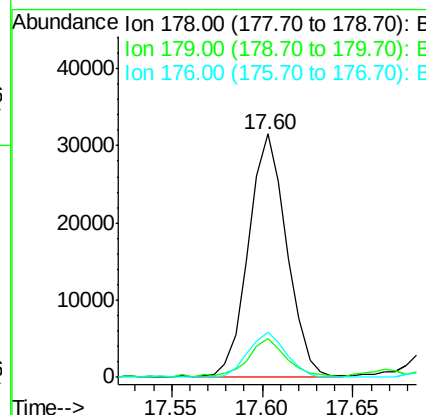
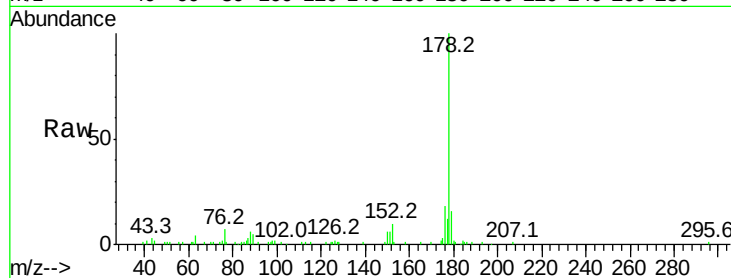




#13
Phenanthrene
Concen: 2.358 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029117.D
Acq: 9 Oct 2017 21:17

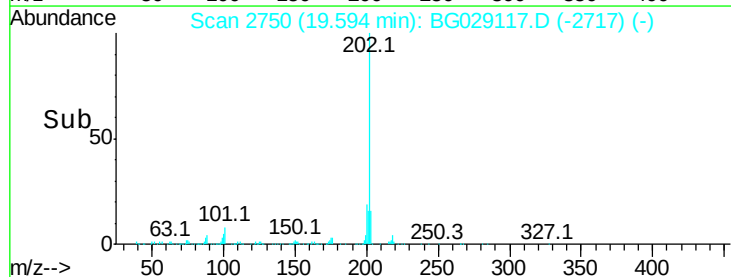
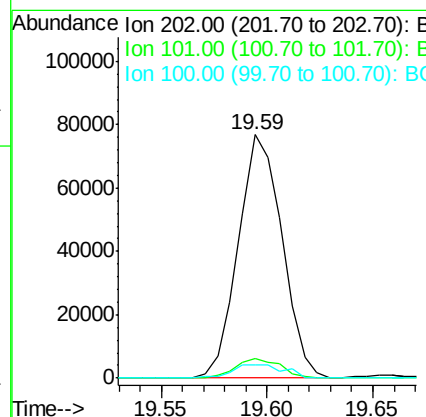
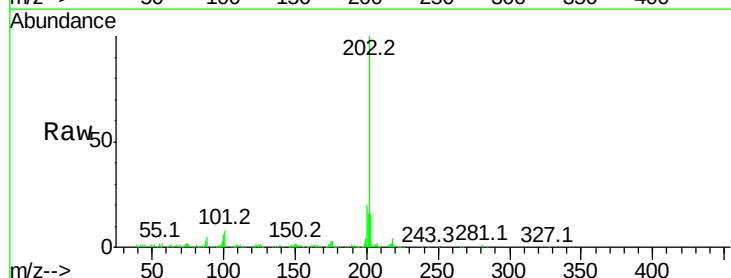
Instrument :
BNA_G
ClientSampleId :
DAGQ4

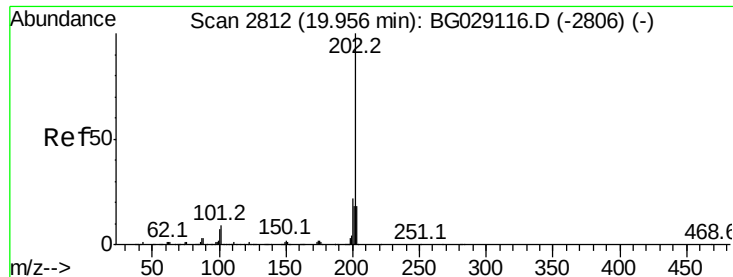
Tot Ion:178 Resp: 46659
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 18.3 15.1 22.7



#16
Fluoranthene
Concen: 4.710 ng/ul
RT: 19.59 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG029117.D
Acq: 9 Oct 2017 21:17

Tgt Ion:202 Resp: 109257
Ion Ratio Lower Upper
202 100
101 8.2 9.9 14.9#
100 5.6 7.4 11.0#





#19

Pvrene

Concen: 4.079 ng/ul

RT: 19.96 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

Instrument :

BNA_G

ClientSampleId :

DAGQ4

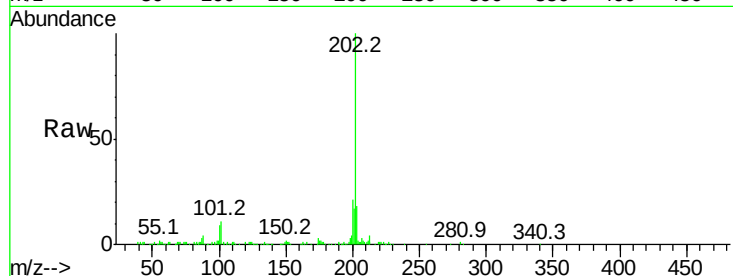
Tot Ion:202 Resp: 101437

Ion Ratio Lower Upper

202 100

101 11.4 11.0 16.4

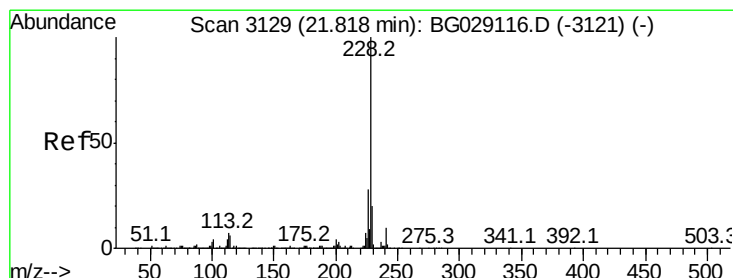
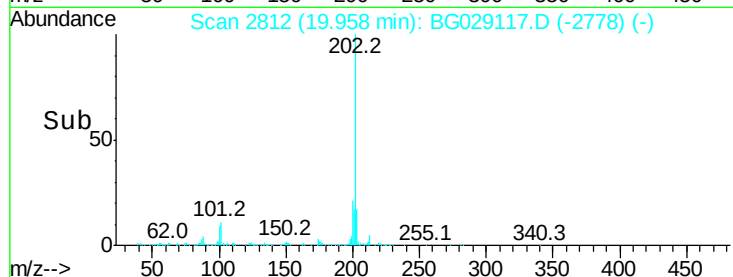
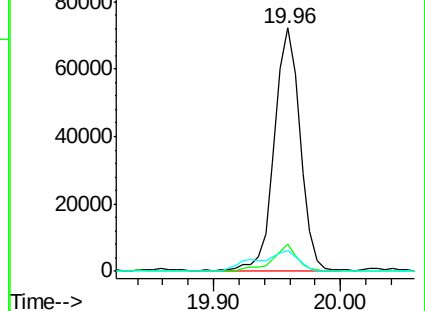
100 8.7 8.1 12.1



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



#20

Benzo(a)anthracene

Concen: 2.920 ng/ul

RT: 21.82 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

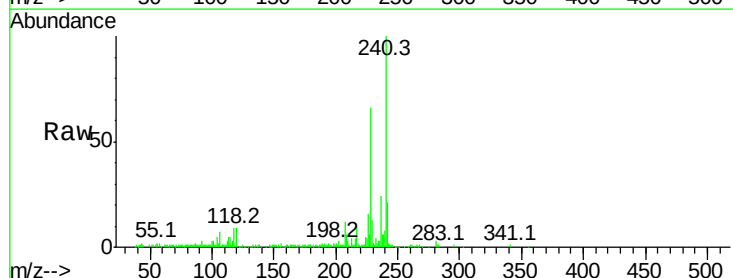
Tgt Ion:228 Resp: 68613

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

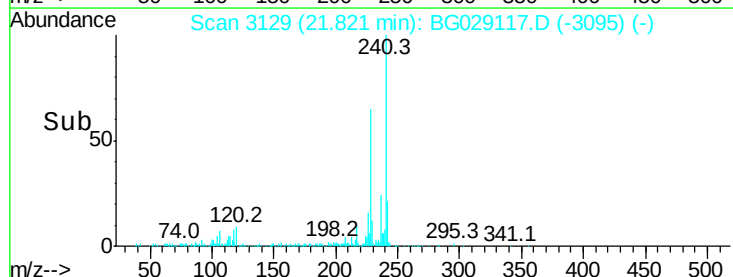
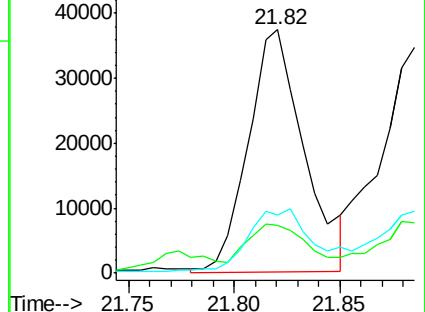
226 24.0 21.1 31.7

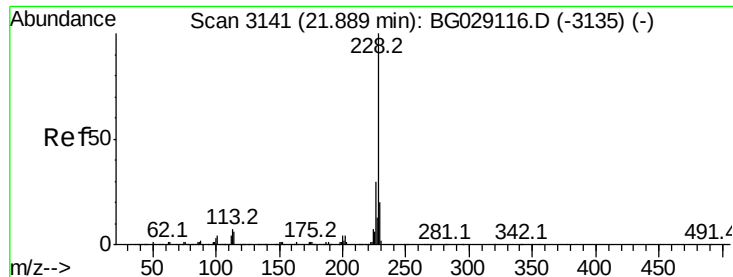


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.293 ng/ul

RT: 21.89 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

Instrument :

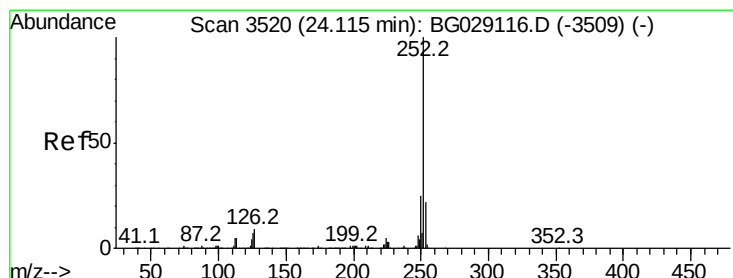
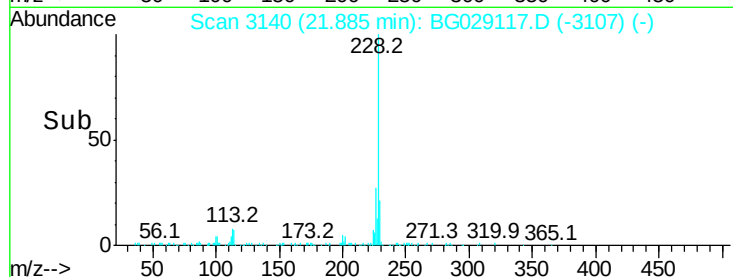
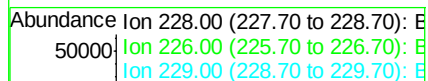
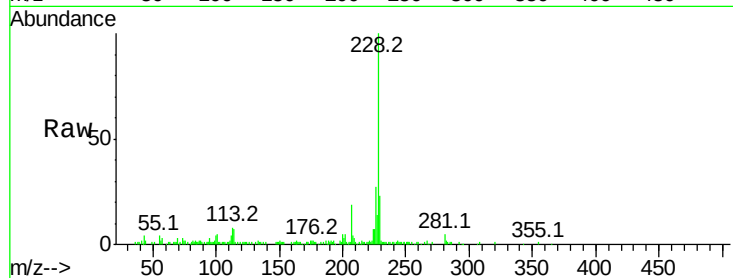
BNA_G

ClientSampleId :

DAGQ4

Tot Ion:228 Resp: 70849

Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.5	36.7
229	22.5	15.8	23.8



#23

Benzo(b)fluoranthene

Concen: 4.325 ng/ul

RT: 24.12 min Scan# 3521

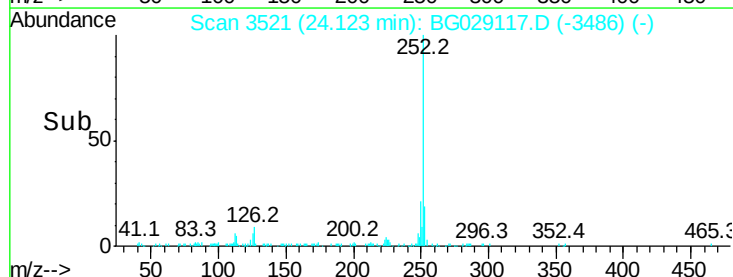
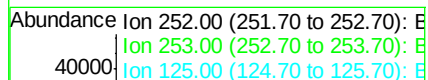
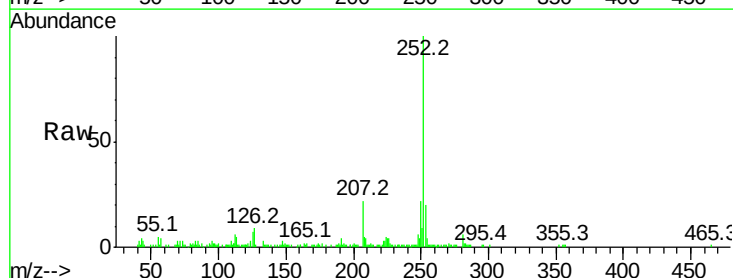
Delta R.T. 0.01 min

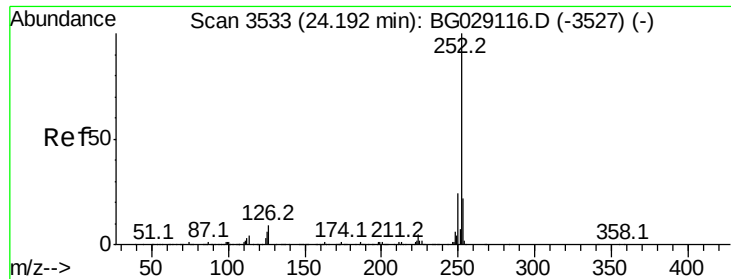
Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

Tgt Ion:252 Resp: 107043

Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.0	27.0
125	6.8	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 1.727 ng/ul

RT: 24.18 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

Instrument :

BNA_G

ClientSampleId :

DAGQ4

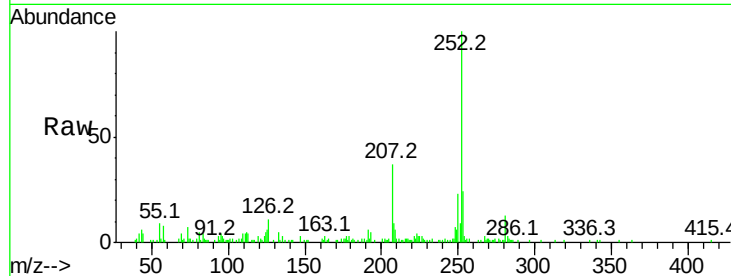
Tot Ion:252 Resp: 41717

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

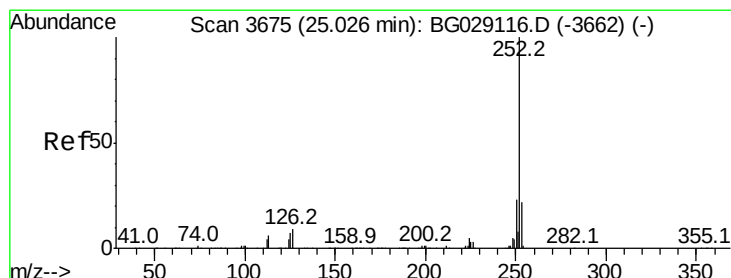
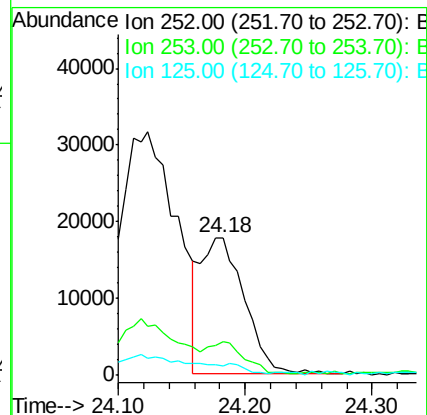
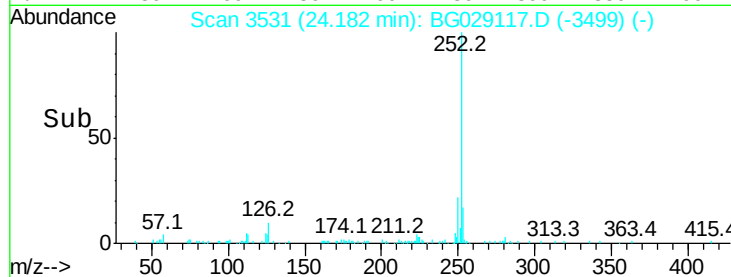
125 6.5 8.1 12.1#



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



#26

Benzo(a)pyrene

Concen: 1.854 ng/ul

RT: 24.88 min Scan# 3649

Delta R.T. -0.15 min

Lab File: BG029117.D

Acq: 9 Oct 2017 21:17

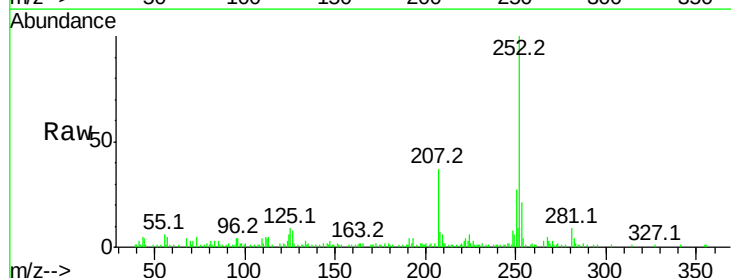
Tgt Ion:252 Resp: 44560

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

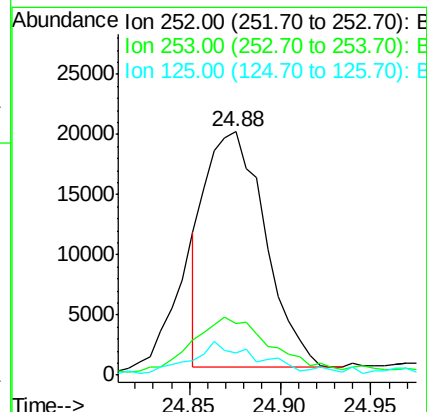
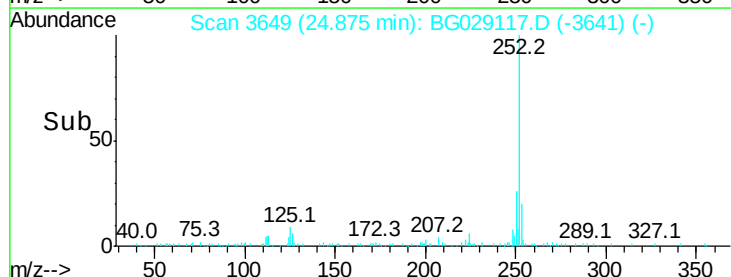
125 9.0 8.2 12.4

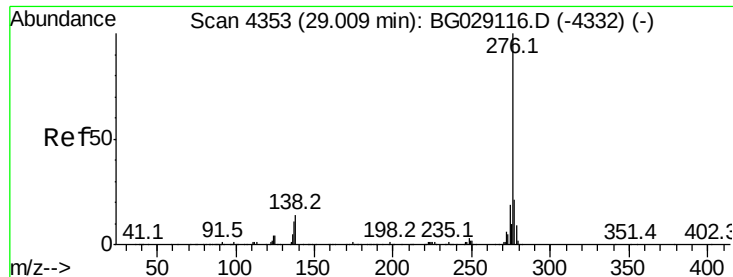


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



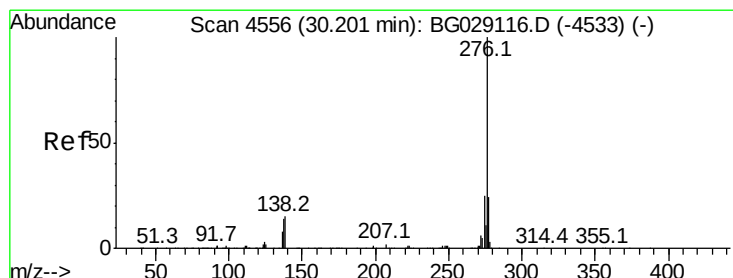
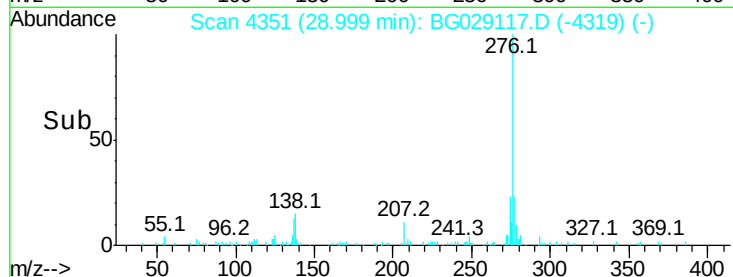
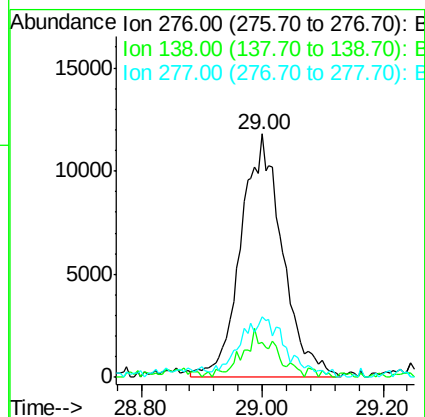
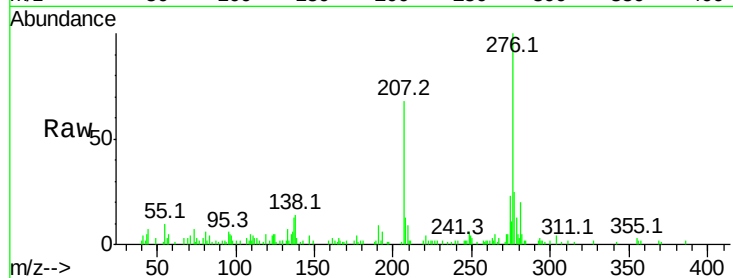


#27

Indeno(1,2,3-cd)pyrene
Concen: 2.057 ng/ul
RT: 29.00 min Scan# 4351
Delta R.T. -0.01 min
Lab File: BG029117.D
Acq: 9 Oct 2017 21:17

Instrument :
BNA_G
ClientSampleId :
DAGQ4

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	14.4	21.6
277	24.9	18.0	27.0



#29

Benzo(g,h,i)perylene
Concen: 2.141 ng/ul
RT: 30.19 min Scan# 4553
Delta R.T. -0.02 min
Lab File: BG029117.D
Acq: 9 Oct 2017 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.3	22.9
277	28.0	19.0	28.4

