

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026260.D
 Acq On : 16 Mar 2017 8:07
 Operator : SJ/MA
 Sample : I2236-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 08:40:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 04:25:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	91353	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	481138	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	261835	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	572754	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	609328	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	594045	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.35	160	572865	26.42	ng/ul	0.00
10) Fluorene-d10	15.65	176	399472	23.99	ng/ul	0.00
14) Anthracene-d10	17.49	188	577058	22.29	ng/ul	0.00
18) Pyrene-d10	19.77	212	632172	21.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	587527	22.35	ng/ul	0.00

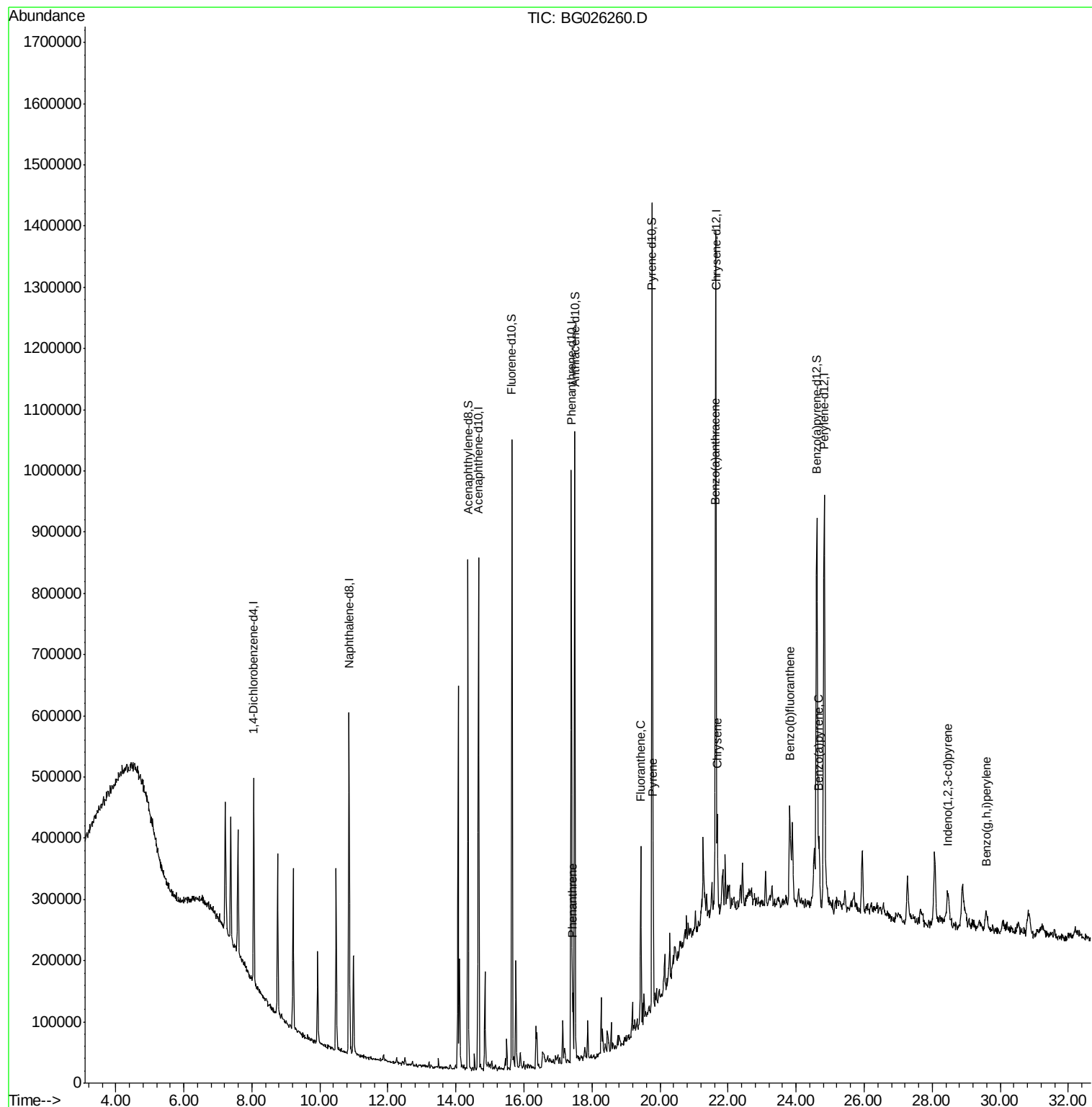
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.43	178	79867	2.61	ng/ul	98
16) Fluoranthene	19.43	202	172346	5.13	ng/ul	97
19) Pyrene	19.79	202	149954	4.07	ng/ul#	96
20) Benzo(a)anthracene	21.62	228	105077	3.07	ng/ul	96
21) Chrysene	21.68	228	114190	3.49	ng/ul	95
23) Benzo(b)fluoranthene	23.82	252	189547	5.52	ng/ul#	95
26) Benzo(a)pyrene	24.67	252	104632	3.15	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.45	276	78990	2.03	ng/ul#	85
29) Benzo(g,h,i)perylene	29.60	276	59700	1.86	ng/ul#	94

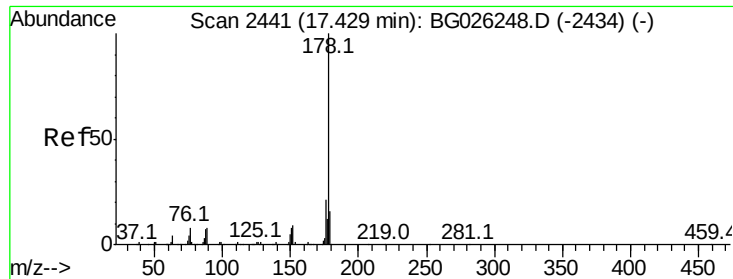
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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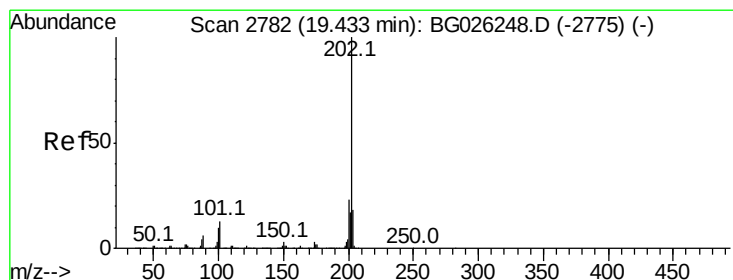
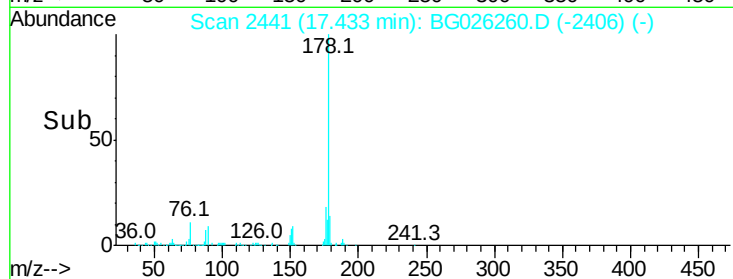
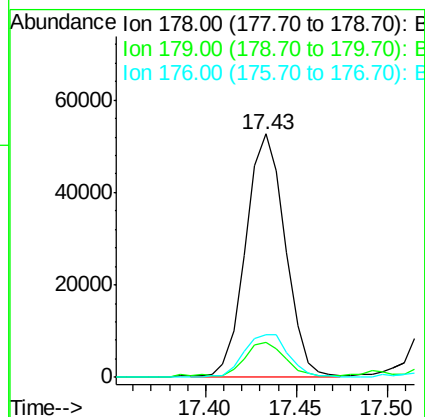
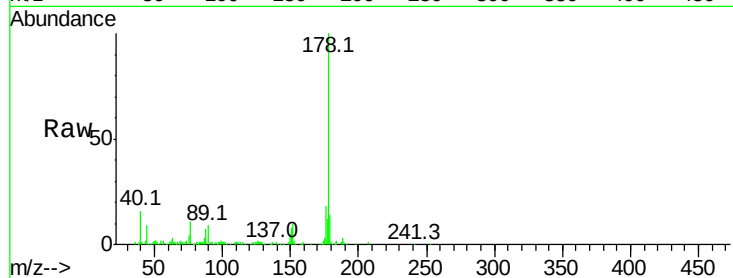




#13
Phenanthrene
Concen: 2.61 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026260.D
Acq: 16 Mar 2017 8:07

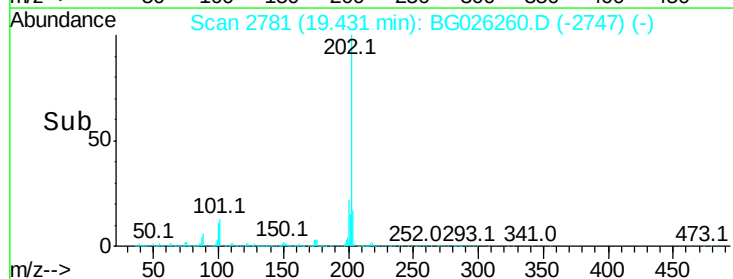
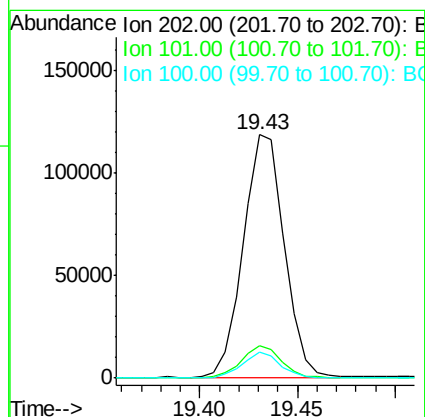
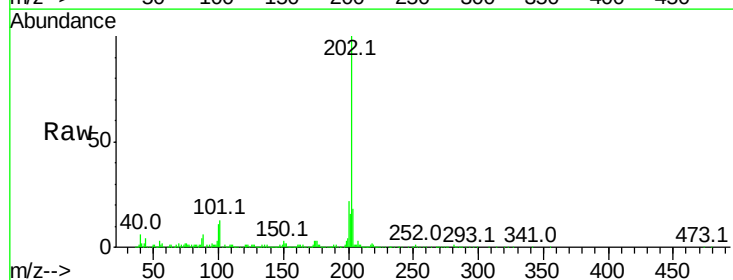
Instrument :
BNA_G
ClientSampleId :

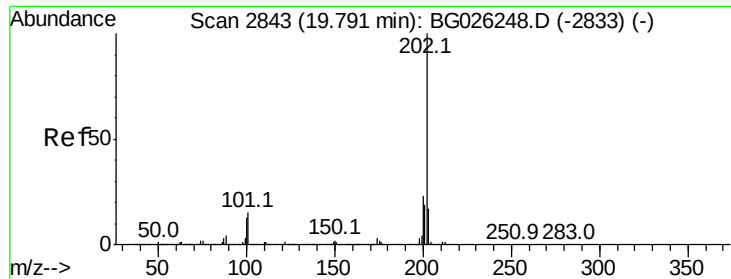
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	17.7	15.1	22.7



#16
Fluoranthene
Concen: 5.13 ng/ul
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026260.D
Acq: 16 Mar 2017 8:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.9	14.9
100	10.6	7.4	11.0

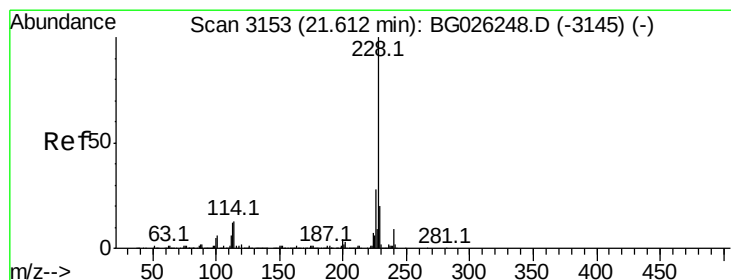
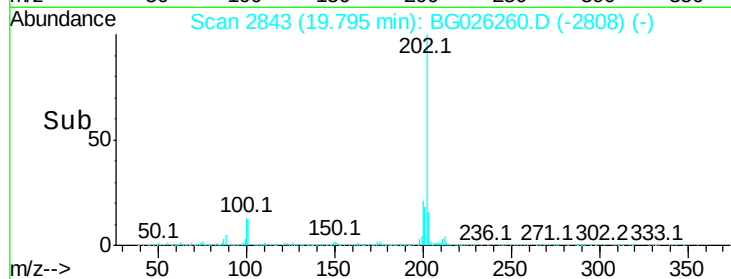
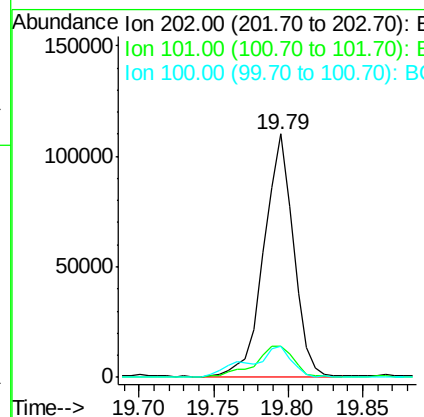
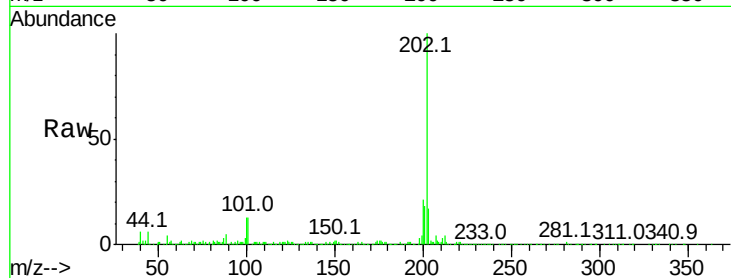




#19
Pvrene
Concen: 4.07 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026260.D
Acq: 16 Mar 2017 8:07

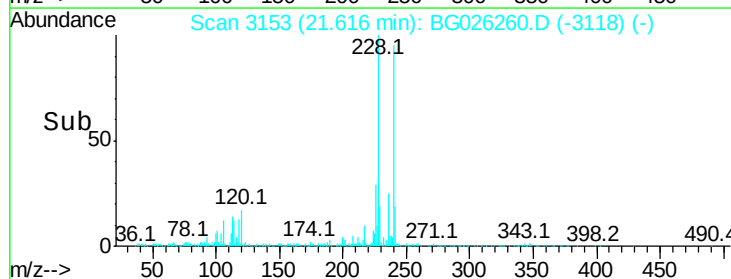
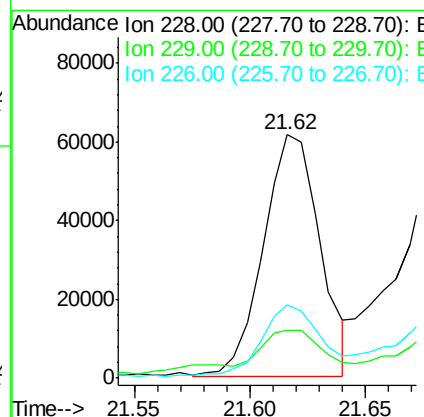
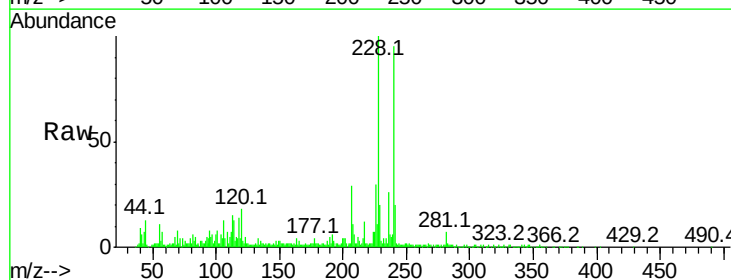
Instrument :
BNA_G
ClientSampled :

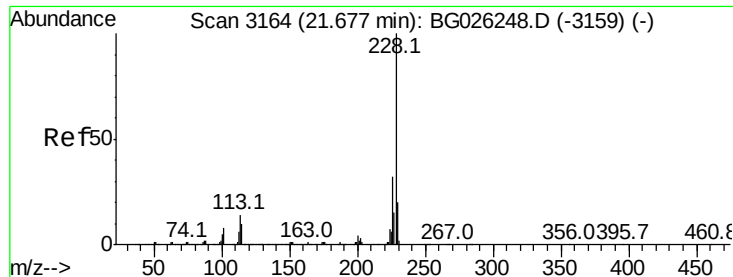
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.0	16.4
100	12.8	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 3.07 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026260.D
Acq: 16 Mar 2017 8:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	29.9	21.1	31.7





#21

Chrysene

Concen: 3.49 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG026260.D

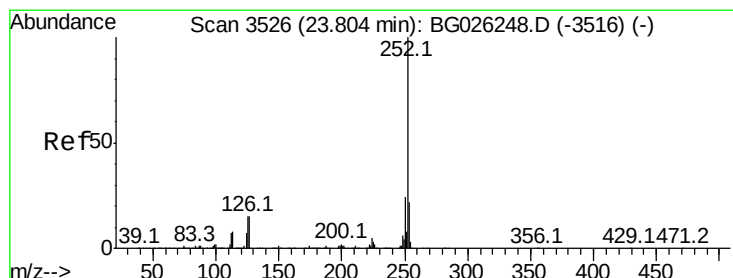
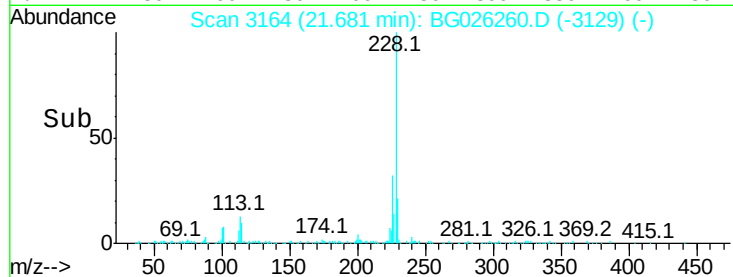
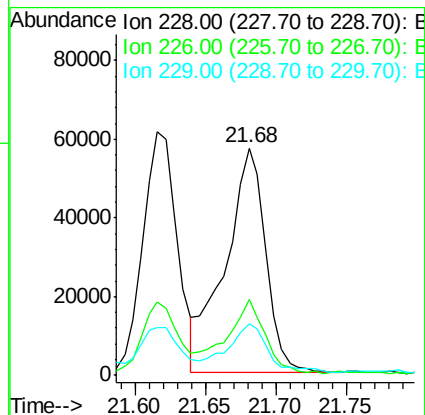
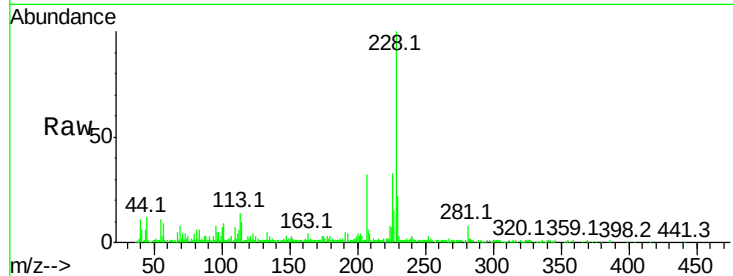
Acq: 16 Mar 2017 8:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	228	Resp:	114190
Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.5	36.7
229	22.5	15.8	23.8



#23

Benzo(b)fluoranthene

Concen: 5.52 ng/ul

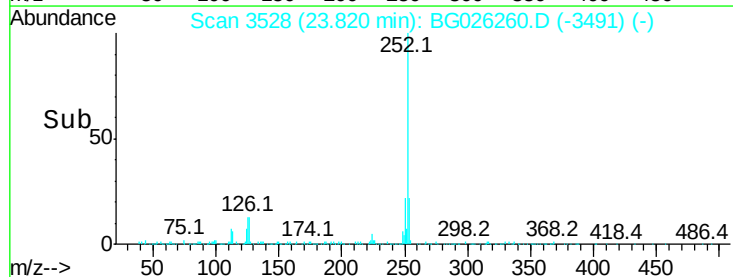
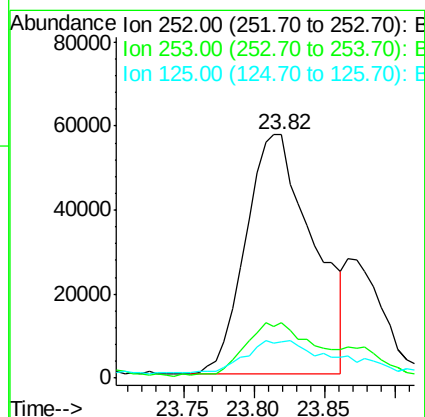
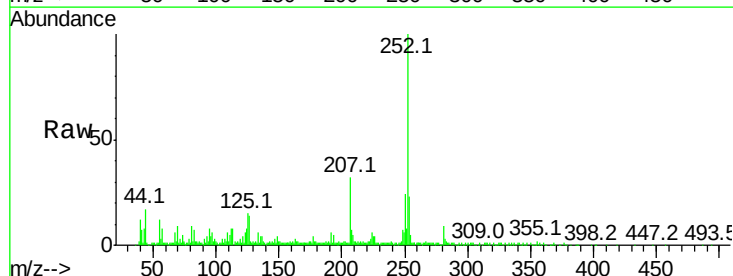
RT: 23.82 min Scan# 3528

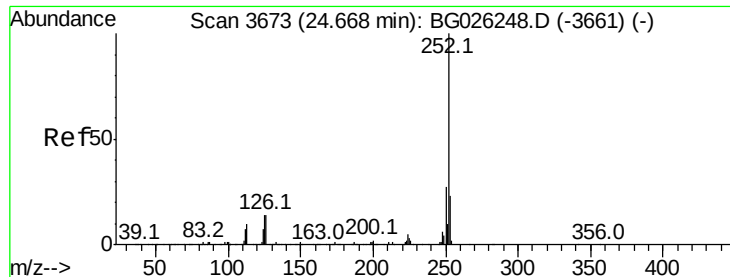
Delta R.T. 0.02 min

Lab File: BG026260.D

Acq: 16 Mar 2017 8:07

Tgt Ion:	252	Resp:	189547
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.1	8.0	12.0#

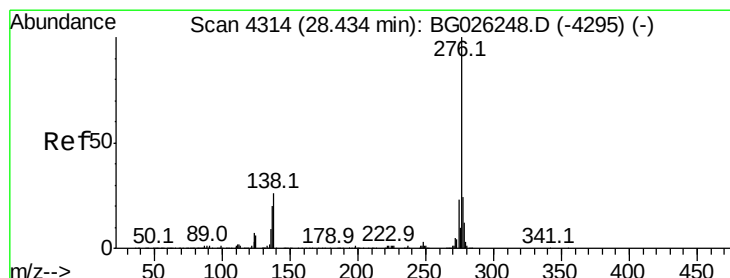
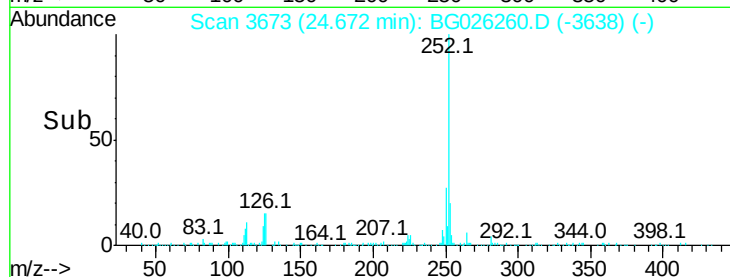
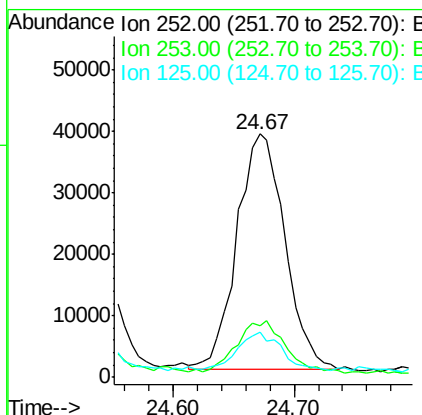
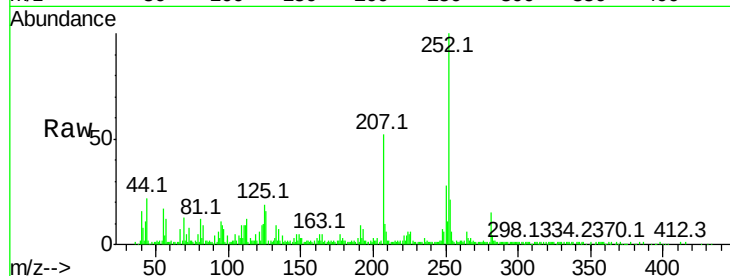




#26
Benzo(a)pyrene
Concen: 3.15 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. 0.00 min
Lab File: BG026260.D
Acq: 16 Mar 2017 8:07

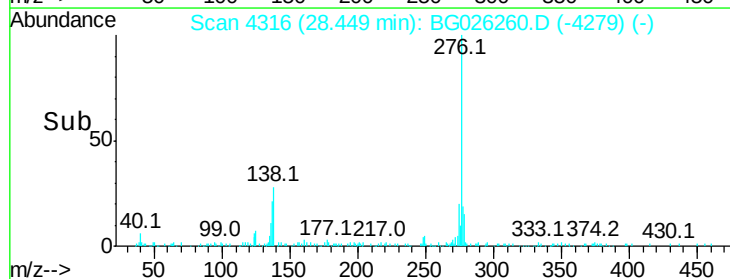
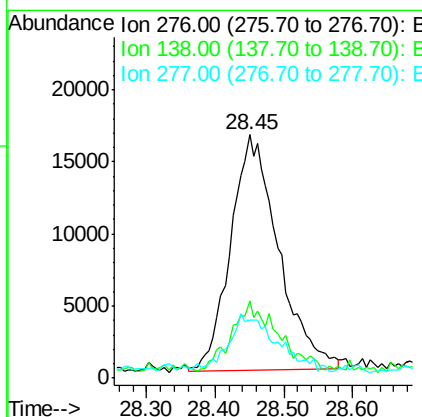
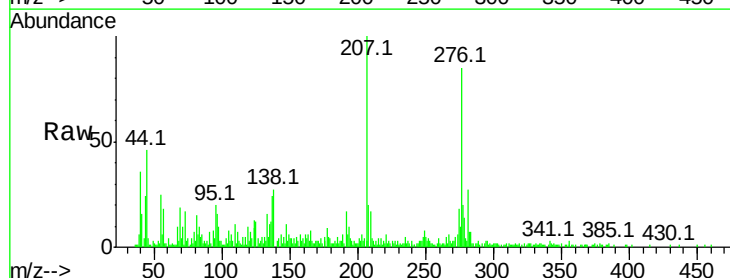
Instrument :
BNA_G
ClientSampleId :

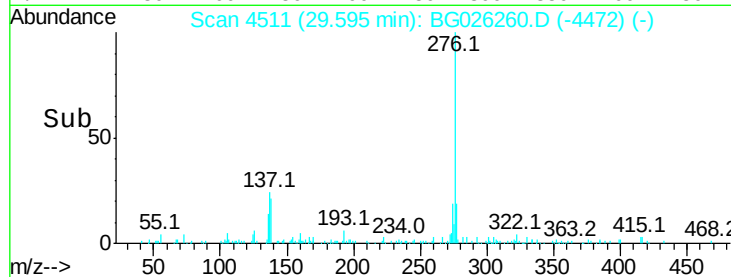
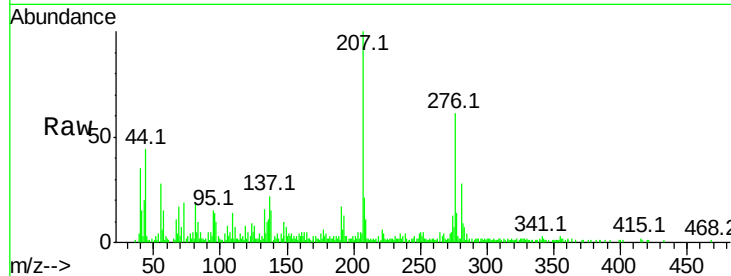
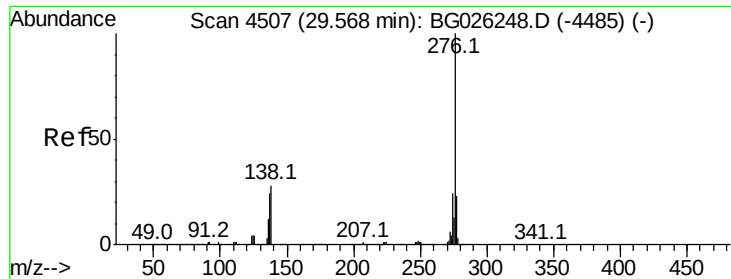
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	18.8	8.2	12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.03 ng/ul
RT: 28.45 min Scan# 4316
Delta R.T. 0.02 min
Lab File: BG026260.D
Acq: 16 Mar 2017 8:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	14.4	21.6
277	23.7	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 1.86 ng/ul

RT: 29.60 min Scan# 4511

Delta R.T. 0.03 min

Lab File: BG026260.D

Acq: 16 Mar 2017 8:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 59700

Ion Ratio Lower Upper

276 100

138 24.8 15.3 22.9#

277 23.1 19.0 28.4

