

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
 Data File : BG029099.D
 Acq On : 9 Oct 2017 2:20
 Operator : SJ/JU
 Sample : I5577-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 08:06:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 08:00:20 2017
 Response via : Initial Calibration

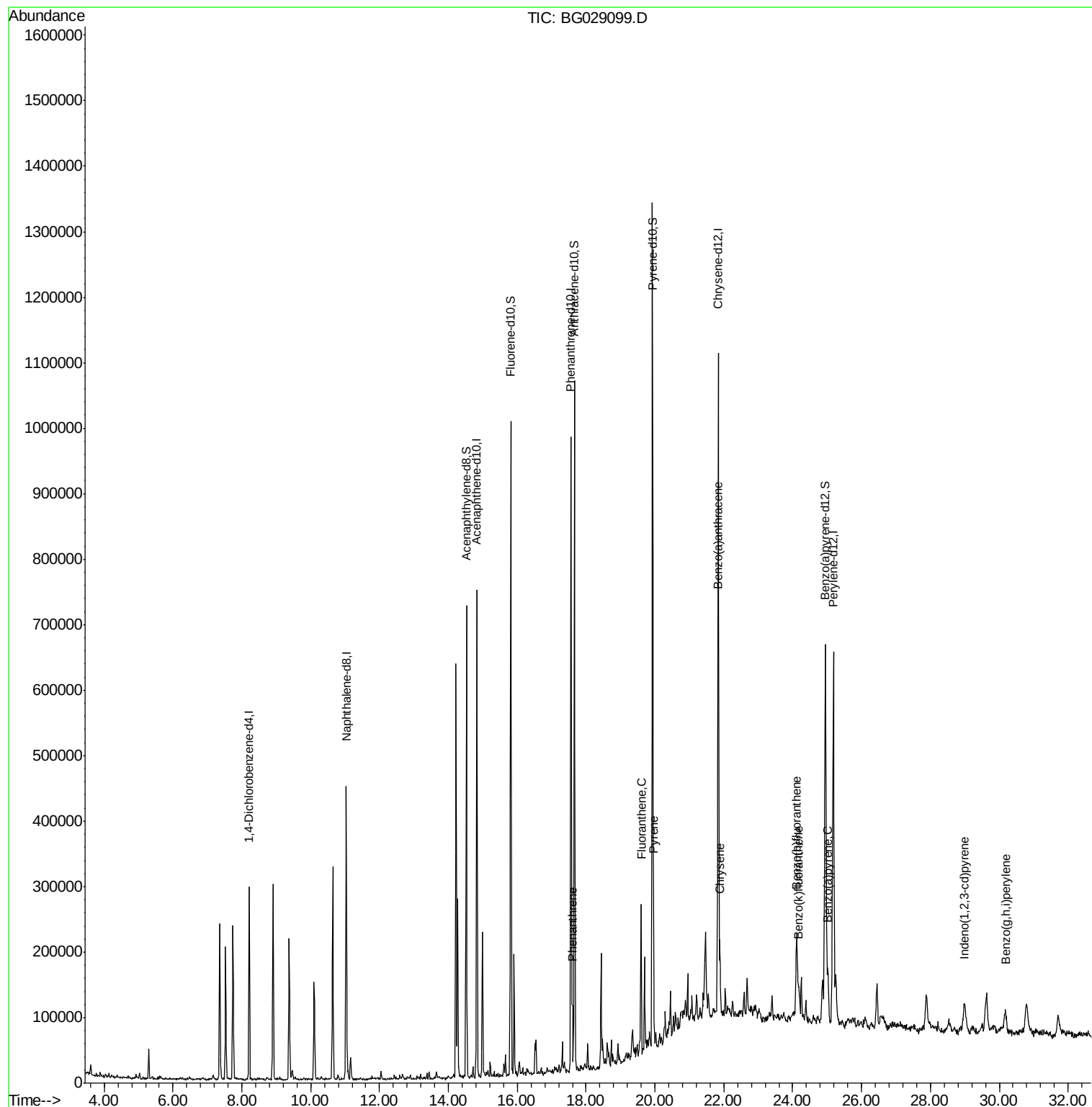
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	88122	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	408651	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	265742	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	588954	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	562582	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	566143	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	565066	20.45	ng/ul	0.00
10) Fluorene-d10	15.81	176	413088	20.61	ng/ul	0.00
14) Anthracene-d10	17.66	188	610574	21.40	ng/ul	0.00
18) Pyrene-d10	19.93	212	656241	22.80	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	587794	21.67	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	59254	1.886	ng/ul	95
16) Fluoranthene	19.60	202	134111	3.642	ng/ul	98
19) Pyrene	19.96	202	104857	2.990	ng/ul	99
20) Benzo(a)anthracene	21.82	228	87776	2.649	ng/ul	96
21) Chrysene	21.88	228	87428	2.882	ng/ul	93
23) Benzo(b)fluoranthene	24.12	252	150713	4.450	ng/ul#	96
24) Benzo(k)fluoranthene	24.17	252	45051	1.363	ng/ul#	95
26) Benzo(a)pyrene	25.01	252	91276	2.775	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.99	276	77995	2.089	ng/ul#	90
29) Benzo(g,h,i)perylene	30.18	276	59425	1.930	ng/ul	94

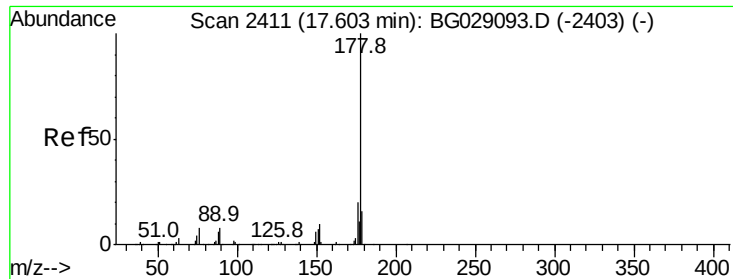
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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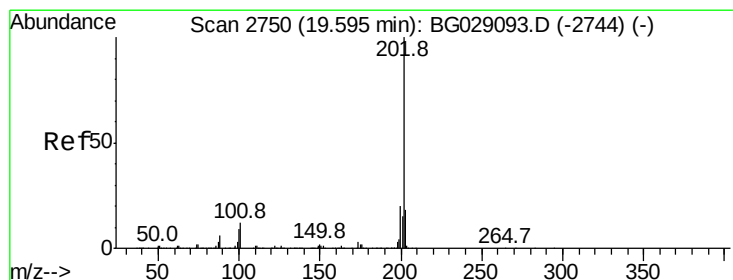
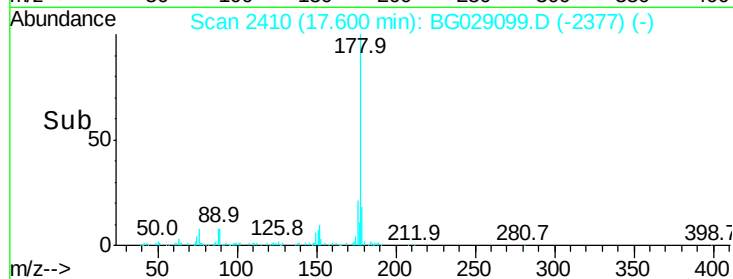
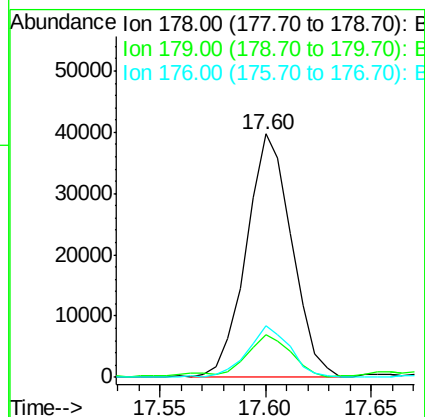
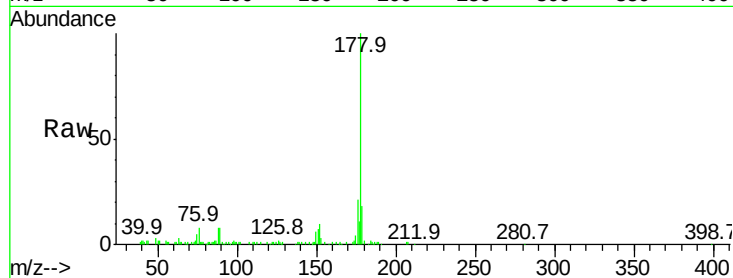




#13
Phenanthrene
Concen: 1.886 ng/ul
RT: 17.60 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG029099.D
Acq: 9 Oct 2017 2:20

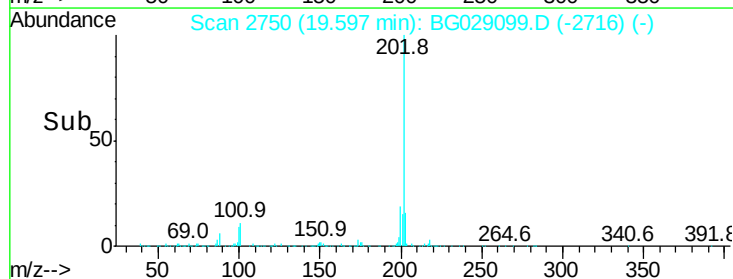
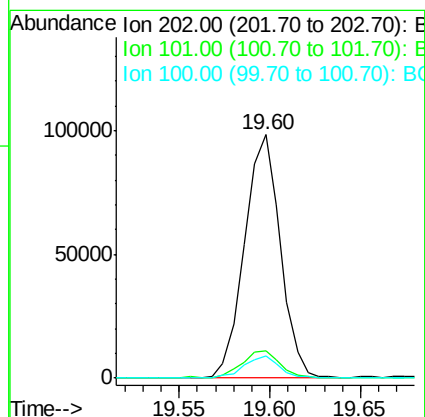
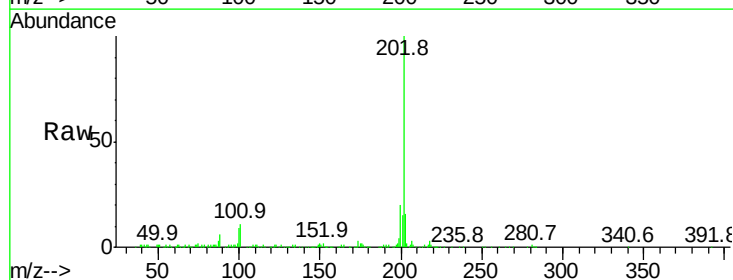
Instrument :
BNA_G
ClientSampleId :

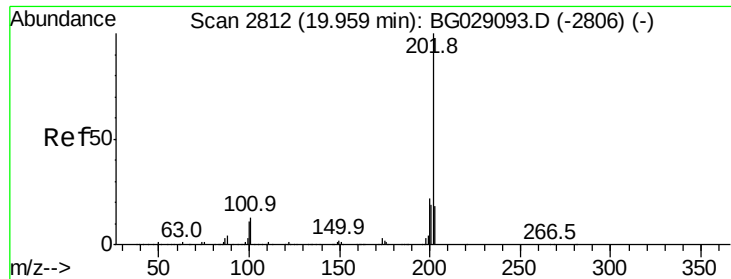
Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.3	18.5
176	21.0	15.1	22.7



#16
Fluoranthene
Concen: 3.642 ng/ul
RT: 19.60 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG029099.D
Acq: 9 Oct 2017 2:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.9	14.9
100	9.2	7.4	11.0

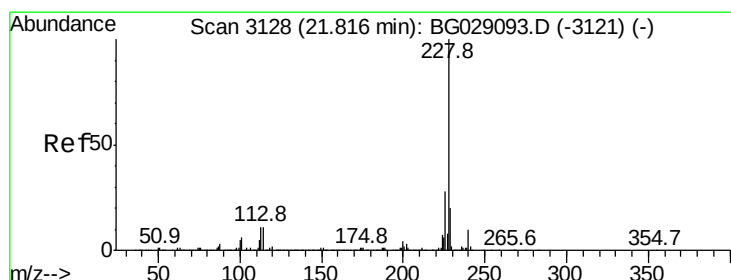
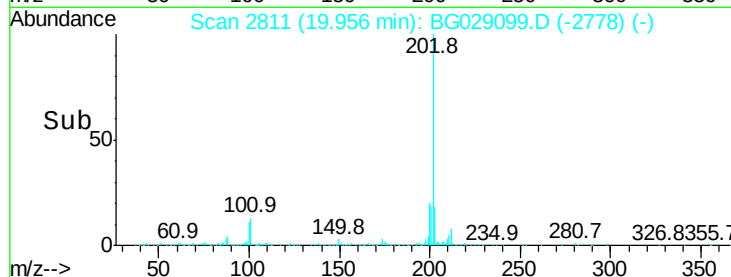
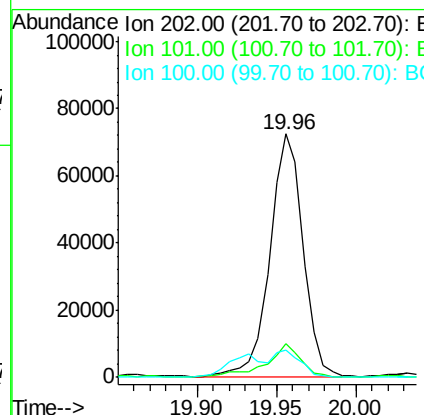
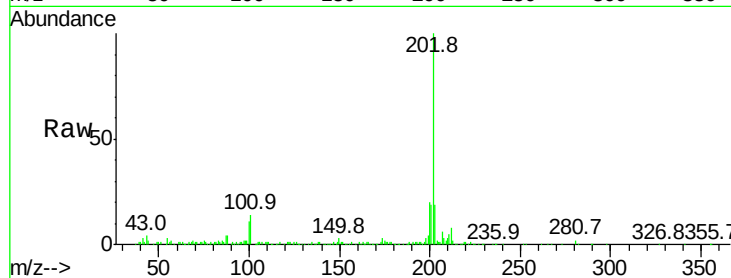




#19
Pvrene
Concen: 2.990 ng/ul
RT: 19.96 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG029099.D
Acq: 9 Oct 2017 2:20

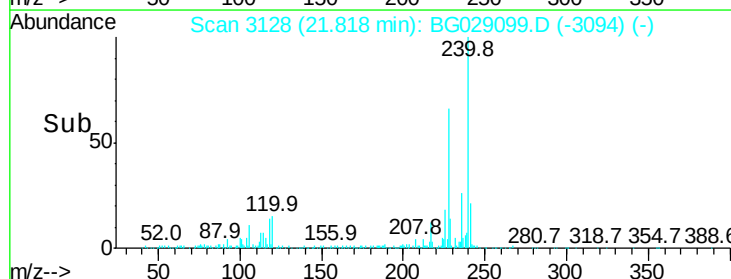
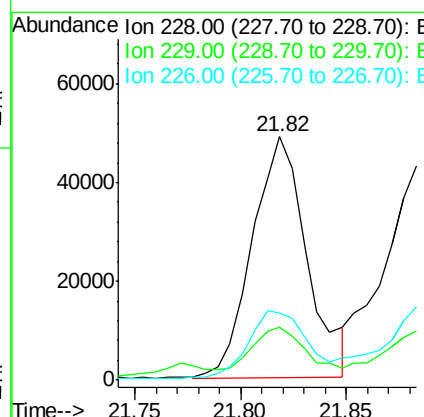
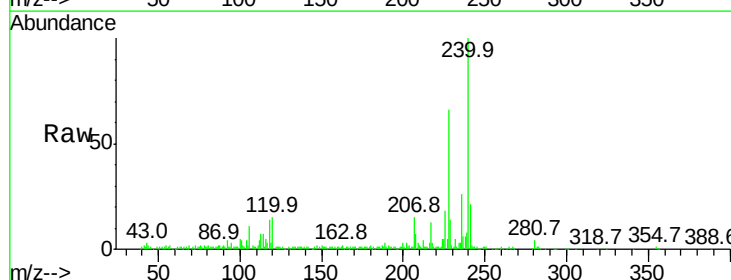
Instrument :
BNA_G
ClientSampleId :

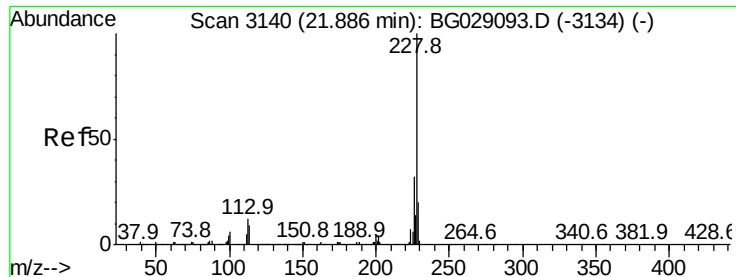
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
100	11.2	8.1	12.1



#20
Benzo(a)anthracene
Concen: 2.649 ng/ul
RT: 21.82 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BG029099.D
Acq: 9 Oct 2017 2:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	27.7	21.1	31.7





#21

Chrysene

Concen: 2.882 ng/ul

RT: 21.88 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG029099.D

Acq: 9 Oct 2017 2:20

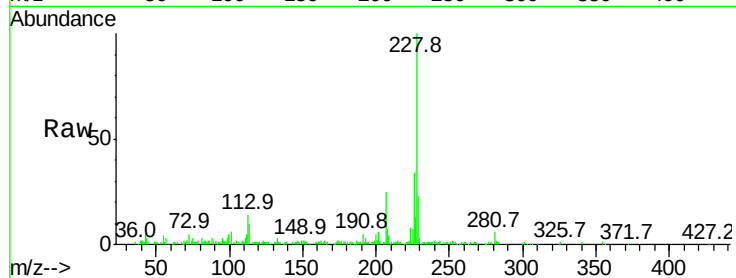
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 87428

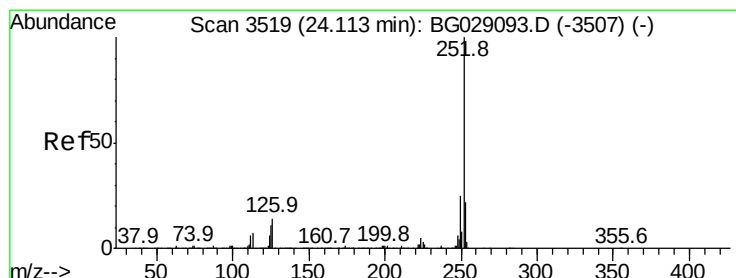
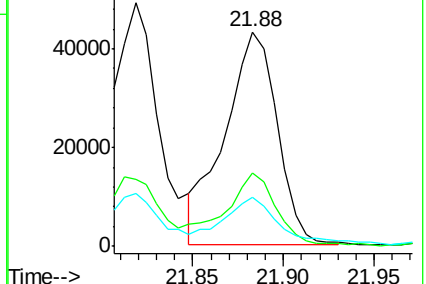
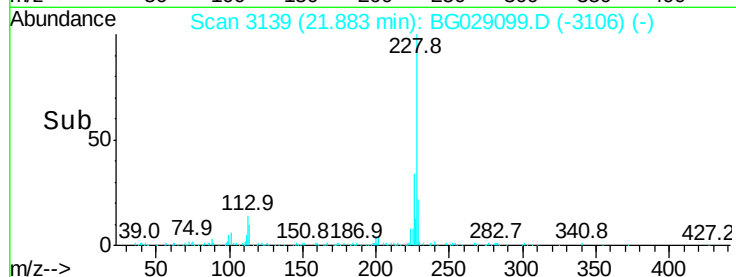
Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.5	36.7
229	23.0	15.8	23.8



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



#23

Benzo(b)fluoranthene

Concen: 4.450 ng/ul

RT: 24.12 min Scan# 3519

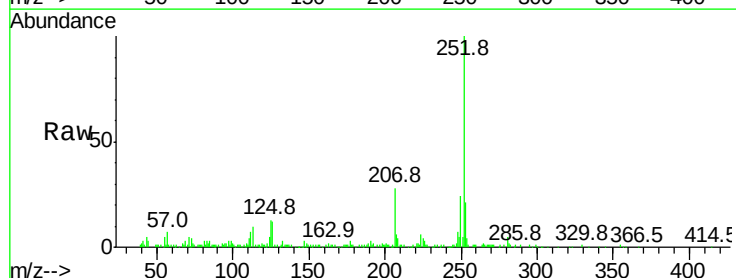
Delta R.T. 0.00 min

Lab File: BG029099.D

Acq: 9 Oct 2017 2:20

Tgt Ion:252 Resp: 150713

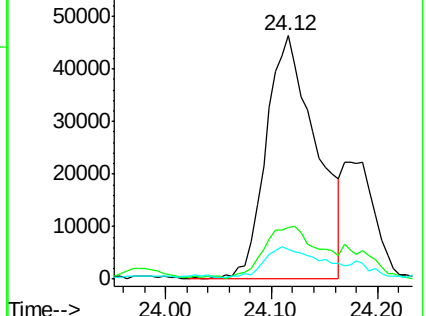
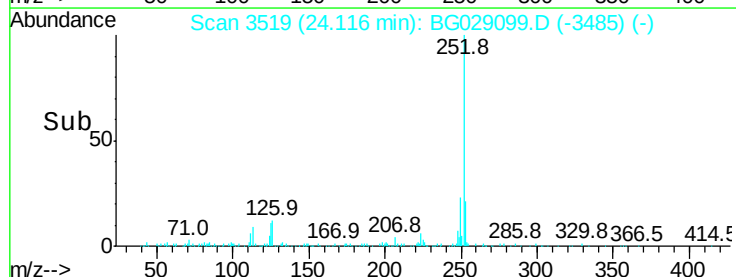
Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	12.5	8.0	12.0#

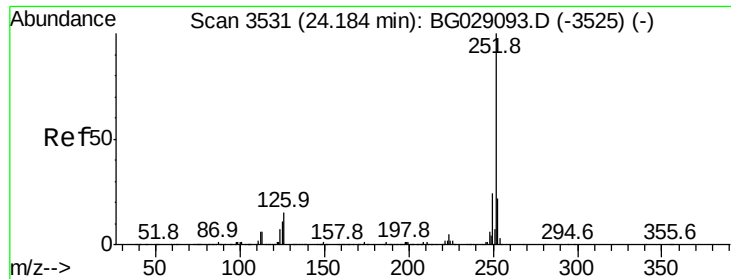


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

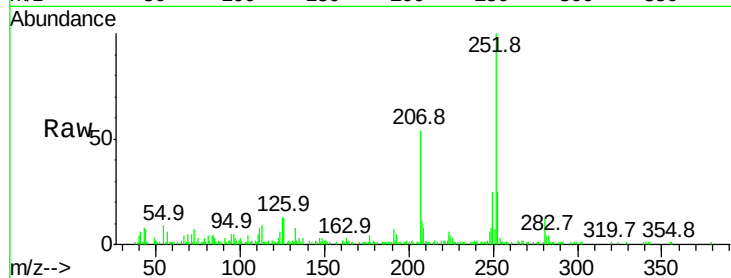




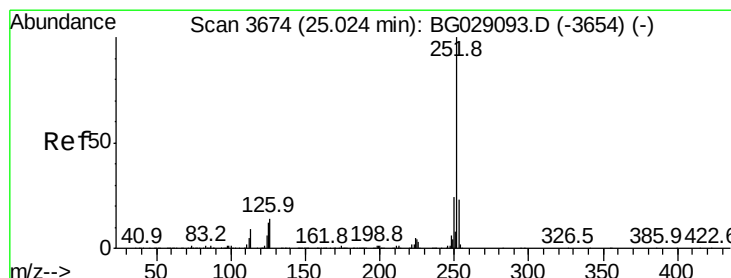
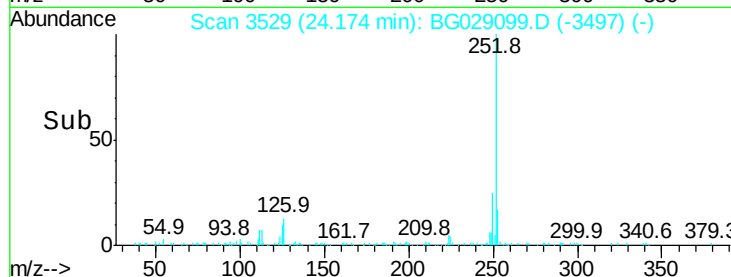
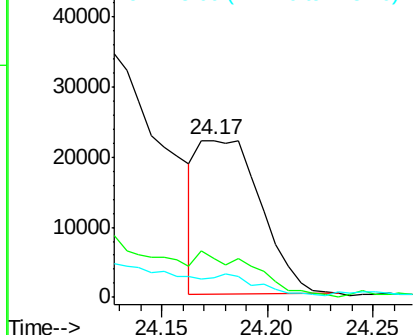
#24
Benzo(k)fluoranthene
Concen: 1.363 ng/ul
RT: 24.17 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG029099.D
Acq: 9 Oct 2017 2:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 45051
Ion Ratio Lower Upper
252 100
253 24.7 18.0 27.0
125 12.6 8.1 12.1#

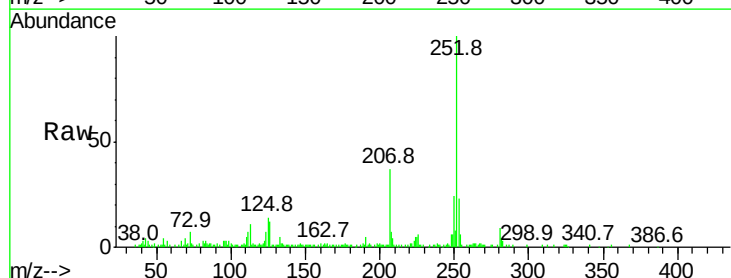


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

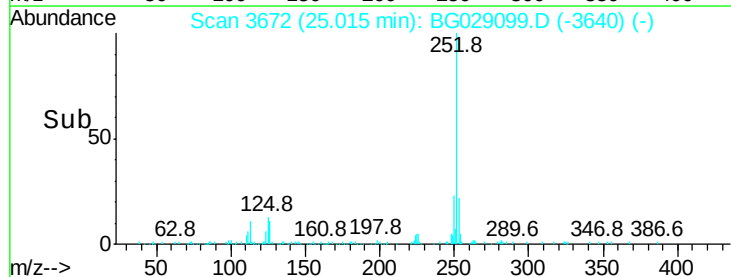
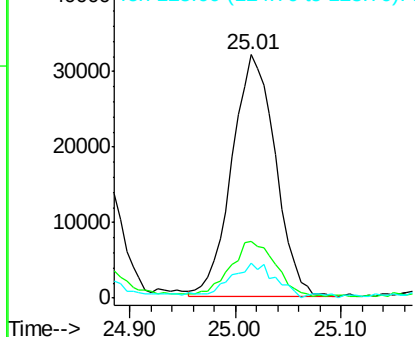


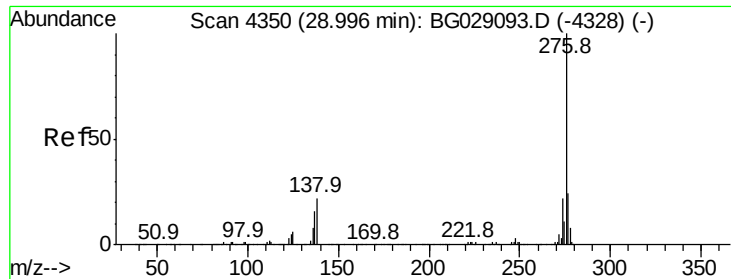
#26
Benzo(a)pyrene
Concen: 2.775 ng/ul
RT: 25.01 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG029099.D
Acq: 9 Oct 2017 2:20

Tgt Ion:252 Resp: 91276
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 14.2 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

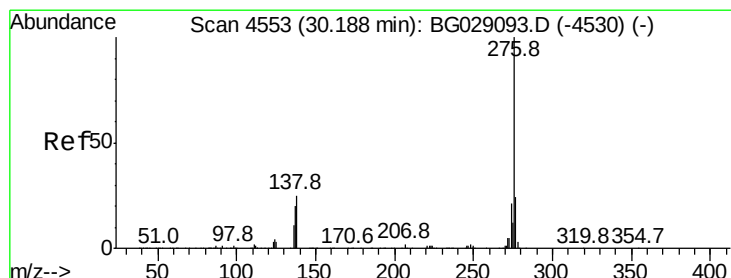
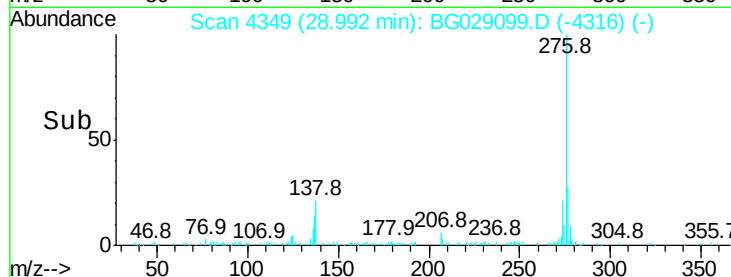
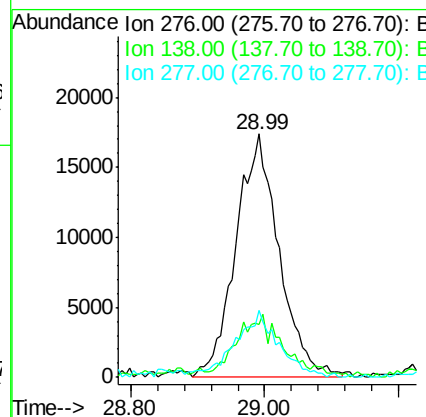
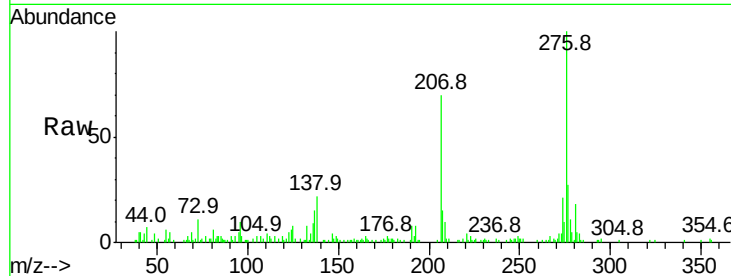




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.089 ng/ul
 RT: 28.99 min Scan# 4349
 Delta R.T. -0.00 min
 Lab File: BG029099.D
 Acq: 9 Oct 2017 2:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	14.4	21.6#
277	27.4	18.0	27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 1.930 ng/ul
 RT: 30.18 min Scan# 4551
 Delta R.T. -0.01 min
 Lab File: BG029099.D
 Acq: 9 Oct 2017 2:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.3	22.9
277	20.2	19.0	28.4

