

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031232.D
 Acq On : 27 Nov 2017 17:08
 Operator : SJ/JU
 Sample : I6506-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 28 05:05:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 04:50:20 2017
 Response via : Initial Calibration

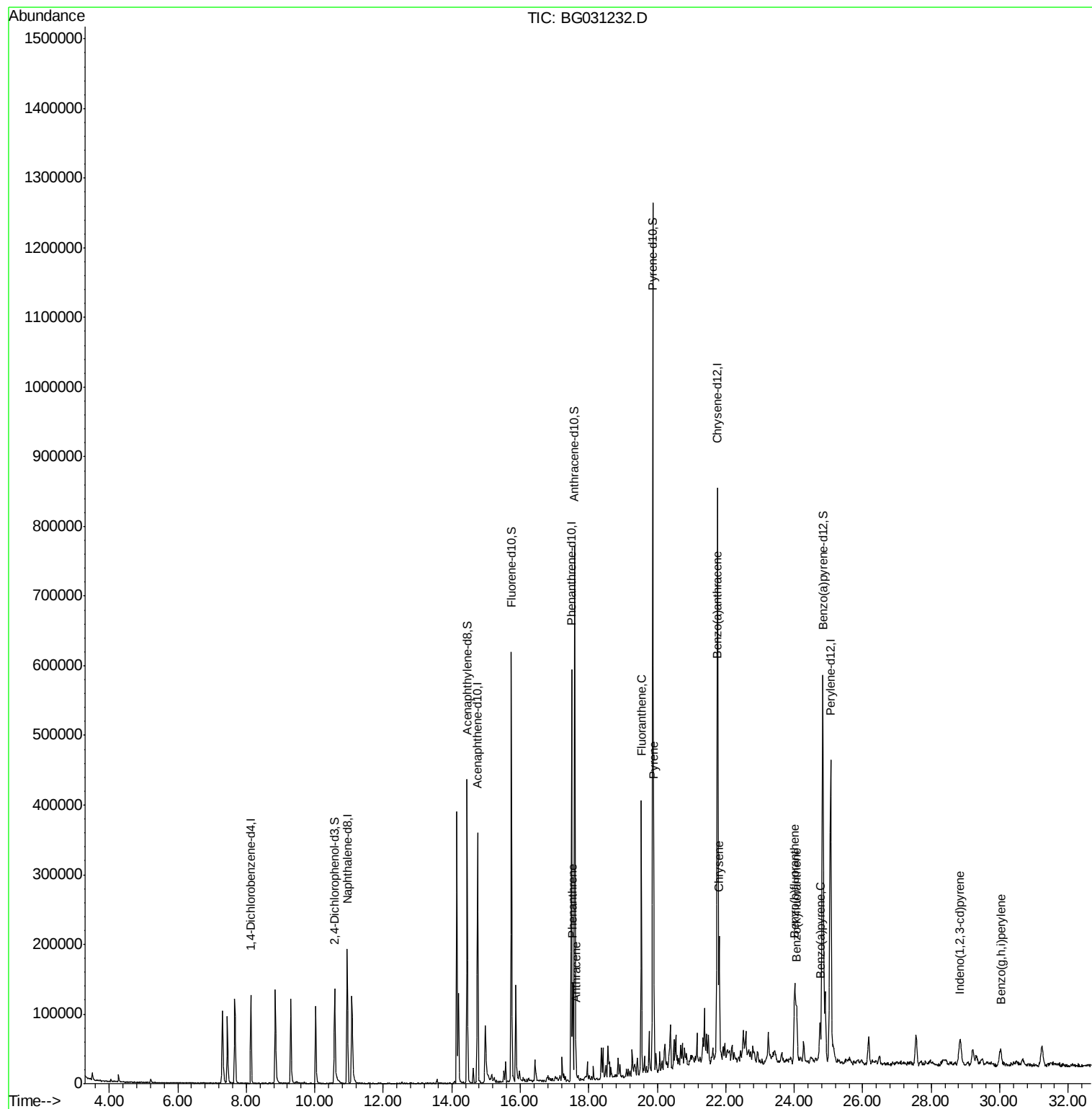
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41258	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	184942	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	132424	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	379715	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	486885	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	467628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	73719	21.13	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	355950	25.85	ng/ul	0.00
10) Fluorene-d10	15.74	176	282369	25.53	ng/ul	0.00
15) Anthracene-d10	17.59	188	491685	25.87	ng/ul	0.00
19) Pyrene-d10	19.87	212	644881	28.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	609776	26.36	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	17.54	178	90994	4.47	ng/ul	98
16) Anthracene	17.63	178	26902	1.30	ng/ul	98
17) Fluoranthene	19.53	202	252753	8.91	ng/ul#	92
20) Pyrene	19.90	202	222006	8.59	ng/ul#	89
21) Benzo(a)anthracene	21.74	228	154548	5.21	ng/ul	98
22) Chrysene	21.81	228	126011	4.47	ng/ul	99
24) Benzo(b)fluoranthene	24.01	252	157352	5.57	ng/ul#	96
25) Benzo(k)fluoranthene	24.07	252	46229	1.66	ng/ul#	97
27) Benzo(a)pyrene	24.75	252	55614	2.05	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.83	276	59320	1.92	ng/ul#	88
30) Benzo(g,h,i)perylene	30.02	276	36611	1.42	ng/ul#	91

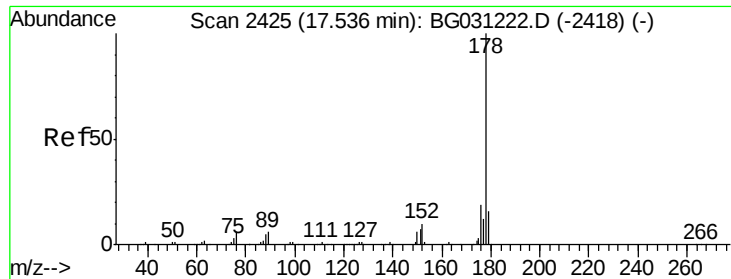
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031232.D
Acq On : 27 Nov 2017 17:08
Operator : SJ/JU
Sample : I6506-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 28 05:05:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 04:50:20 2017
Response via : Initial Calibration

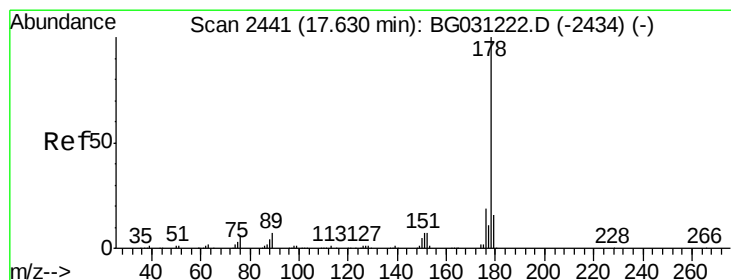
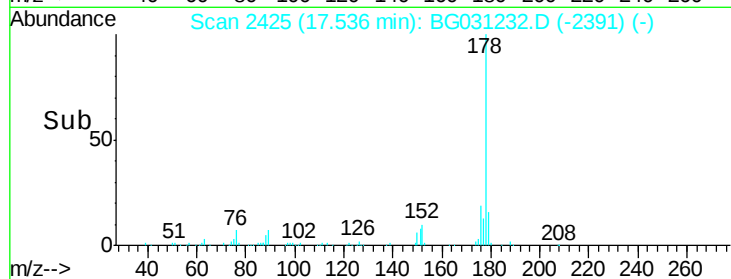
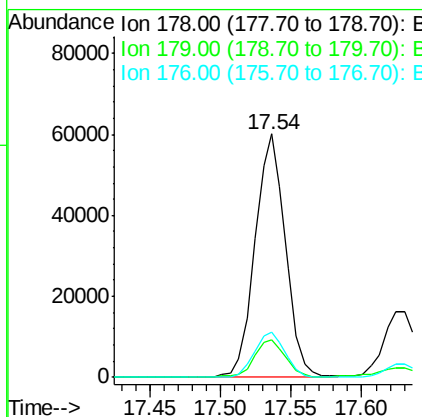
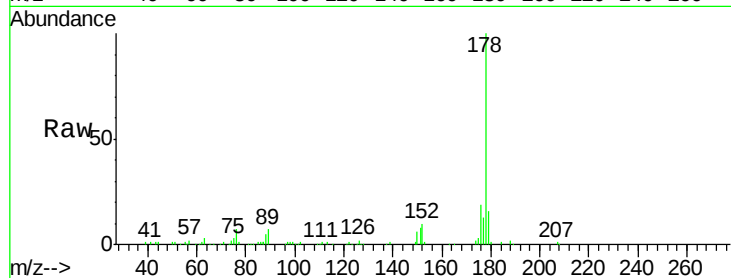




#14
Phenanthrene
Concen: 4.47 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG031232.D
Acq: 27 Nov 2017 17:08

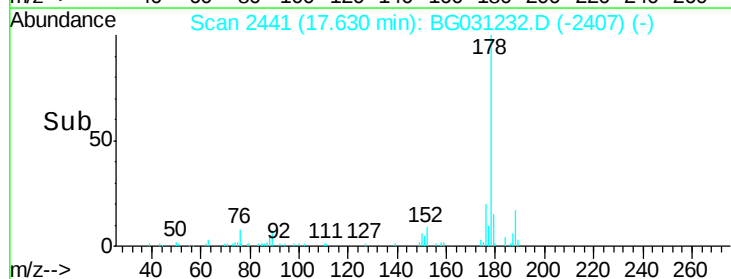
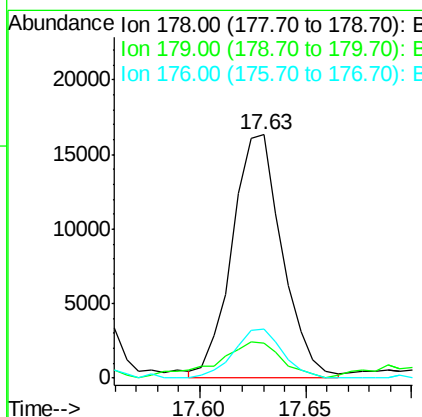
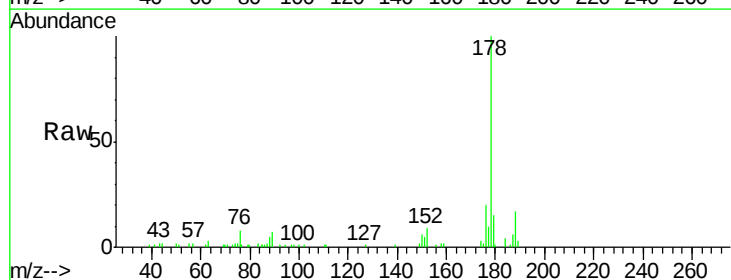
Instrument :
BNA_G
ClientSampleId :

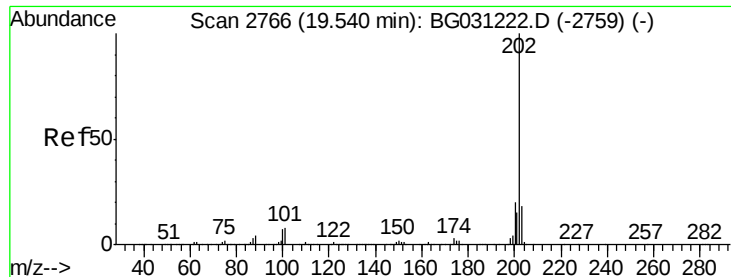
Tot Ion:178 Resp: 90994
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.8 16.4 24.6



#16
Anthracene
Concen: 1.30 ng/ul
RT: 17.63 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG031232.D
Acq: 27 Nov 2017 17:08

Tgt Ion:178 Resp: 26902
Ion Ratio Lower Upper
178 100
179 14.6 12.7 19.1
176 20.0 15.8 23.8

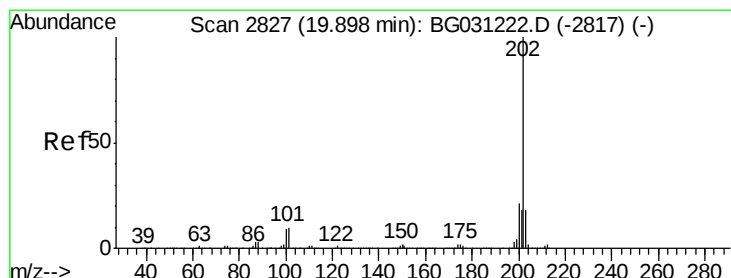
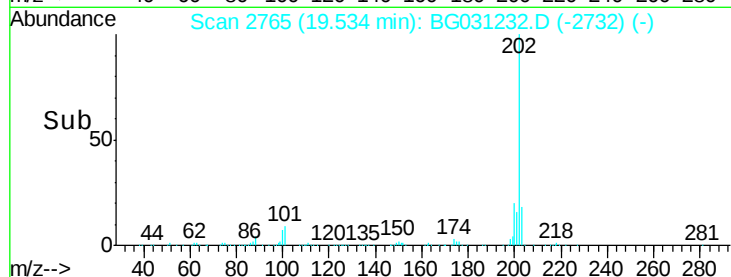
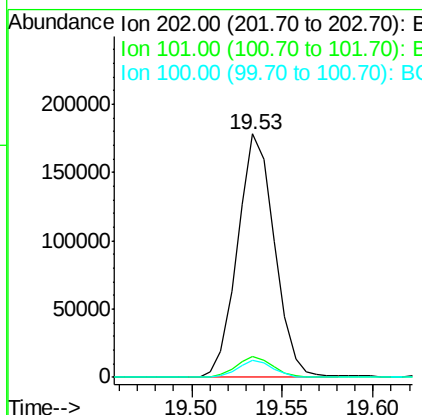
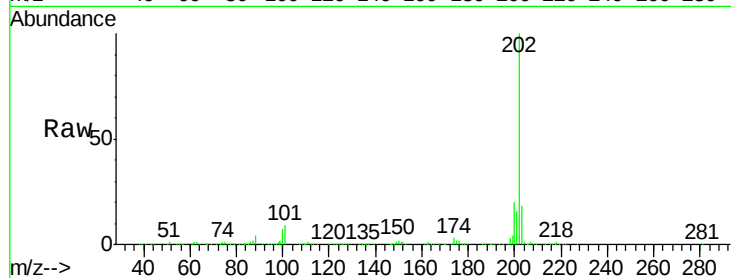




#17
Fluoranthene
 Concen: 8.91 ng/ul
 RT: 19.53 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BG031232.D
 Acq: 27 Nov 2017 17:08

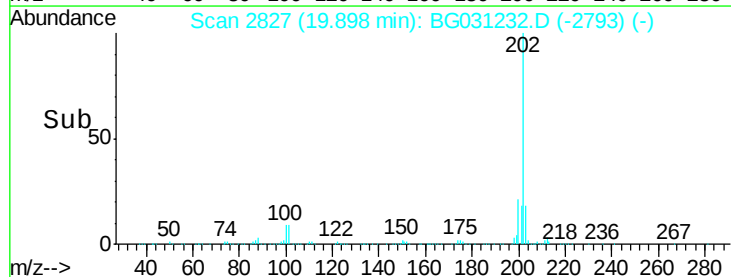
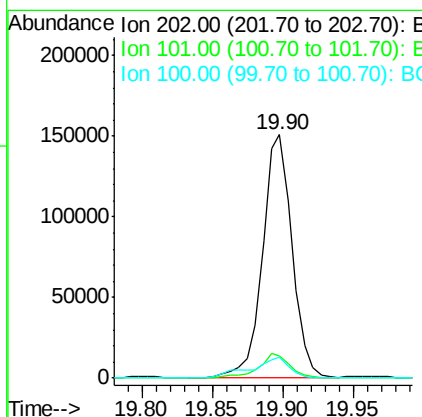
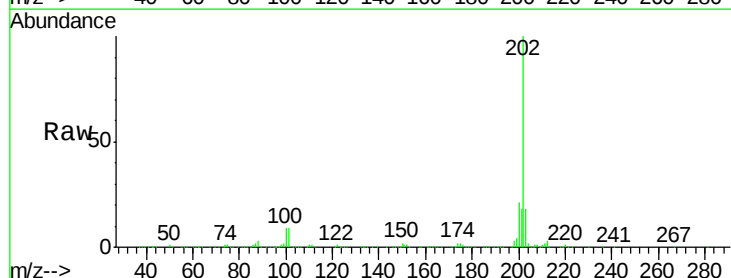
Instrument :
 BNA_G
 ClientSampled :

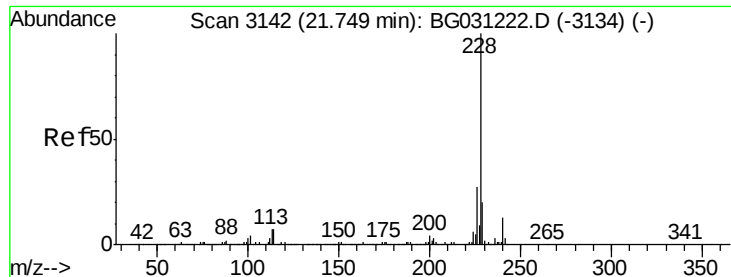
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	9.8	14.8#
100	7.1	7.5	11.3#



#20
Pyrene
 Concen: 8.59 ng/ul
 RT: 19.90 min Scan# 2827
 Delta R.T. -0.00 min
 Lab File: BG031232.D
 Acq: 27 Nov 2017 17:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	11.2	16.8#
100	8.5	9.8	14.6#





#21

Benzo(a)anthracene

Concen: 5.21 ng/ul

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

Instrument :

BNA_G

ClientSampleId :

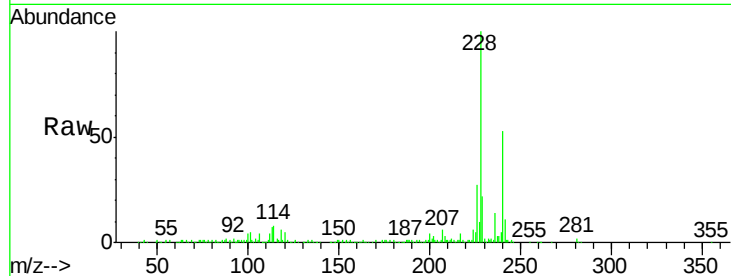
Tot Ion:228 Resp: 154548

Ion Ratio Lower Upper

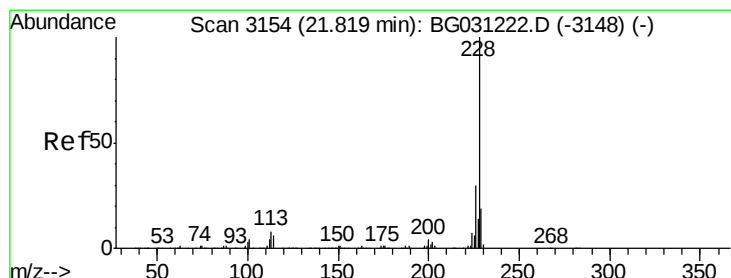
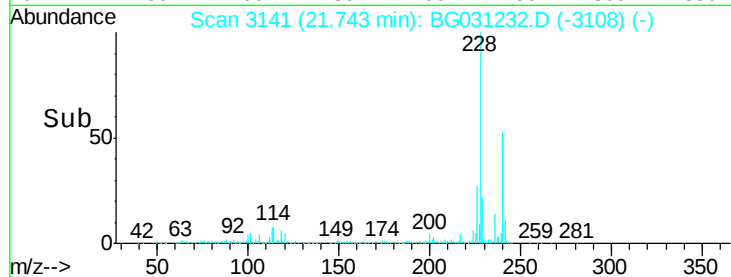
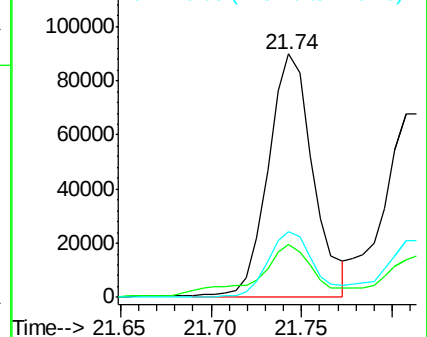
228 100

229 22.0 15.9 23.9

226 27.1 22.1 33.1



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



#22

Chrysene

Concen: 4.47 ng/ul

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

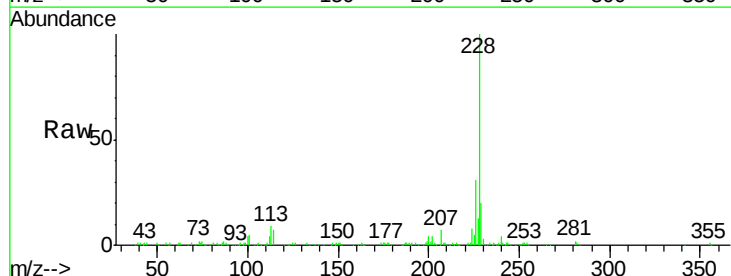
Tgt Ion:228 Resp: 126011

Ion Ratio Lower Upper

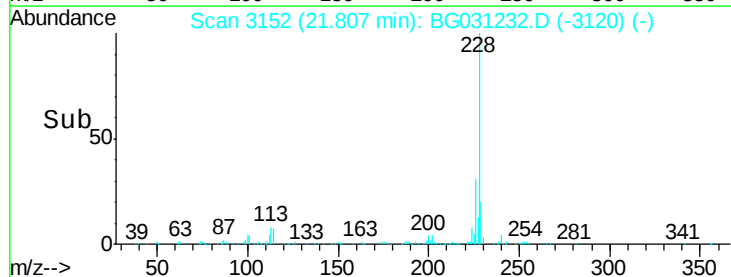
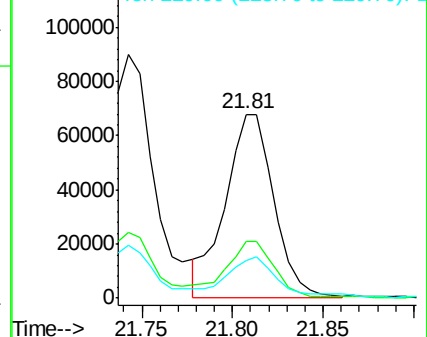
228 100

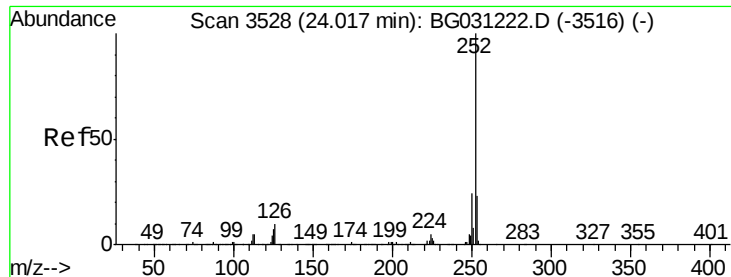
226 30.9 25.0 37.6

229 20.3 16.6 25.0



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

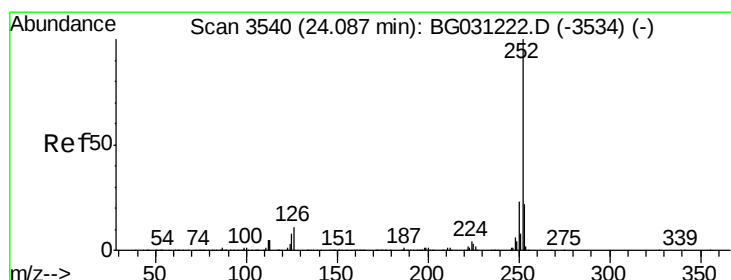
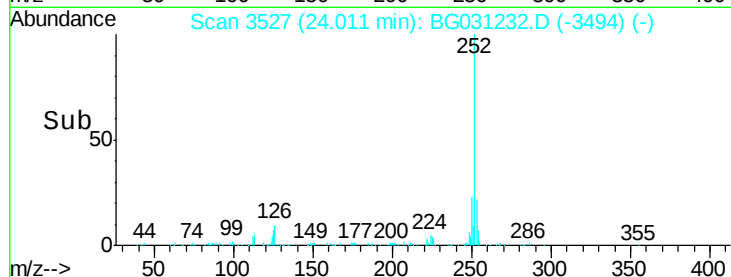
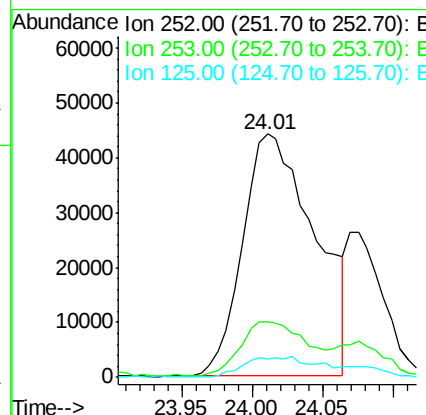
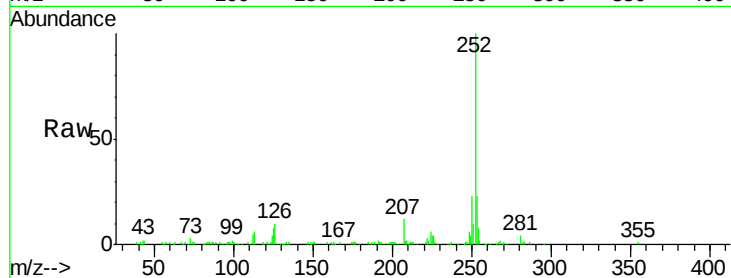




#24
Benzo(b)fluoranthene
Concen: 5.57 ng/ul
RT: 24.01 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG031232.D
Acq: 27 Nov 2017 17:08

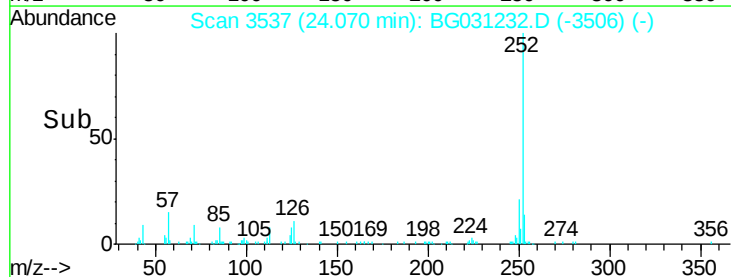
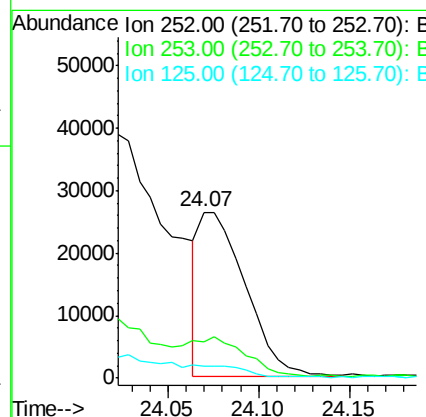
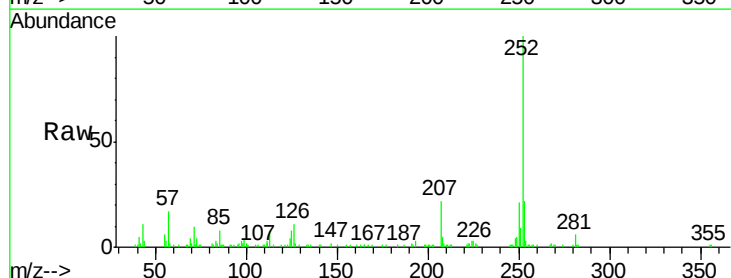
Instrument :
BNA_G
ClientSampleId :

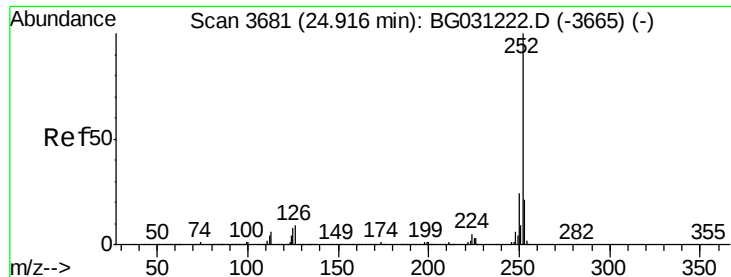
Tot Ion:252 Resp: 157352
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 7.6 9.4 14.0#



#25
Benzo(k)fluoranthene
Concen: 1.66 ng/ul
RT: 24.07 min Scan# 3537
Delta R.T. -0.02 min
Lab File: BG031232.D
Acq: 27 Nov 2017 17:08

Tgt Ion:252 Resp: 46229
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.6 8.8 13.2#





#27

Benzo(a)pyrene

Concen: 2.05 ng/ul

RT: 24.75 min Scan# 3653

Delta R.T. -0.16 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

Instrument :

BNA_G

ClientSampleId :

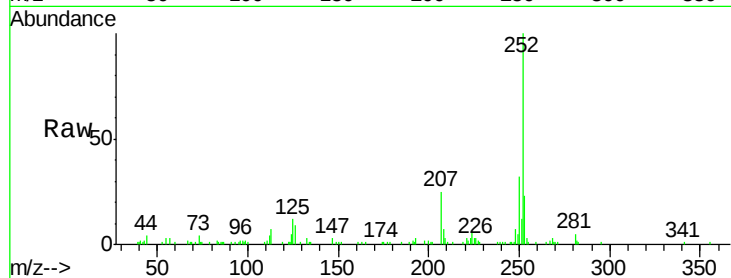
Tot Ion:252 Resp: 55614

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

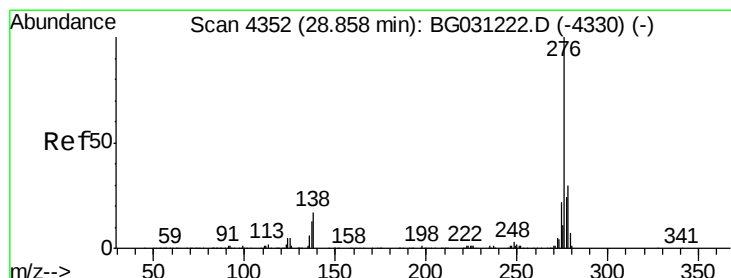
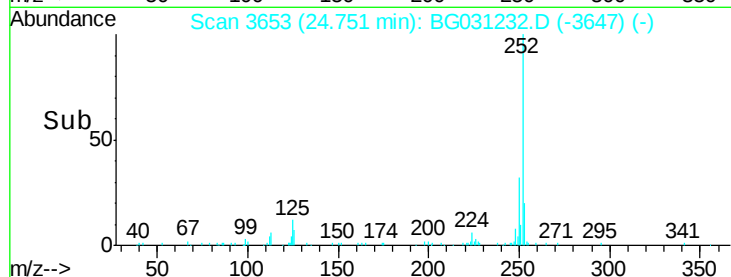
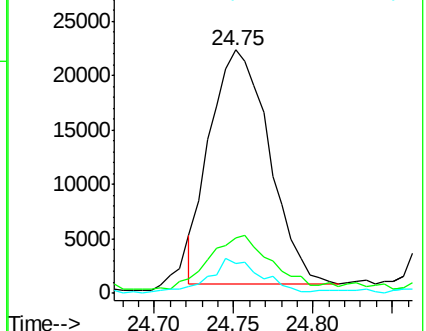
125 12.5 9.4 14.2



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 1.92 ng/ul

RT: 28.83 min Scan# 4348

Delta R.T. -0.02 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

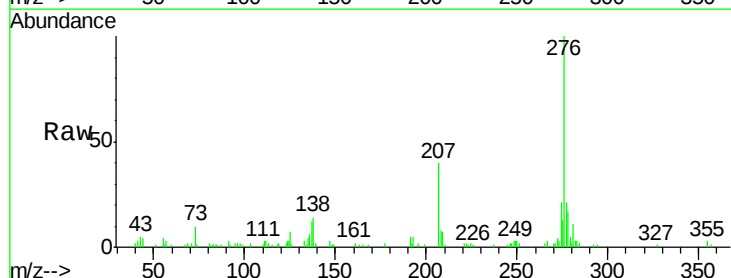
Tgt Ion:276 Resp: 59320

Ion Ratio Lower Upper

276 100

138 13.7 17.8 26.6#

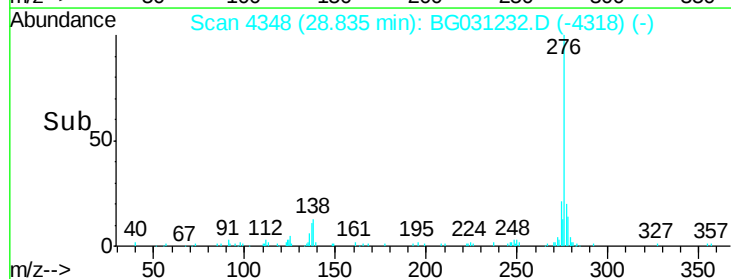
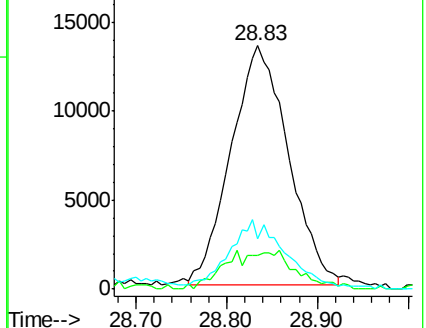
277 20.5 19.4 29.0

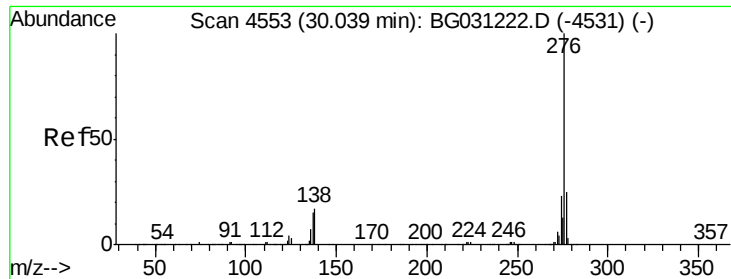


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Benzo(a,h,i)perylene

Concen: 1.42 ng/ul

RT: 30.02 min Scan# 4550

Delta R.T. -0.02 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

Instrument :

BNA_G

ClientSampleId :

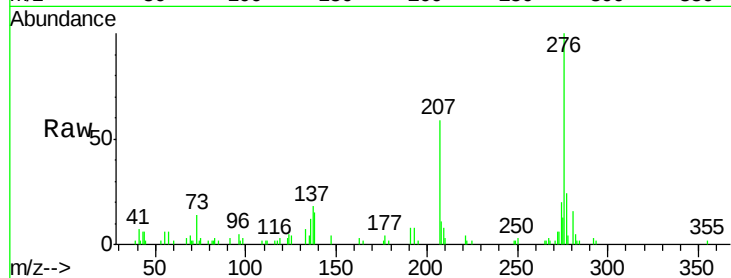
Tot Ion: 276 Resp: 36611

Ion Ratio Lower Upper

276 100

138 15.4 19.0 28.4#

277 24.1 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

