

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
 Data File : BG031137.D
 Acq On : 20 Nov 2017 19:07
 Operator : SJ/JU
 Sample : I6475-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G33

Quant Time: Nov 21 05:45:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 05:01:30 2017
 Response via : Initial Calibration

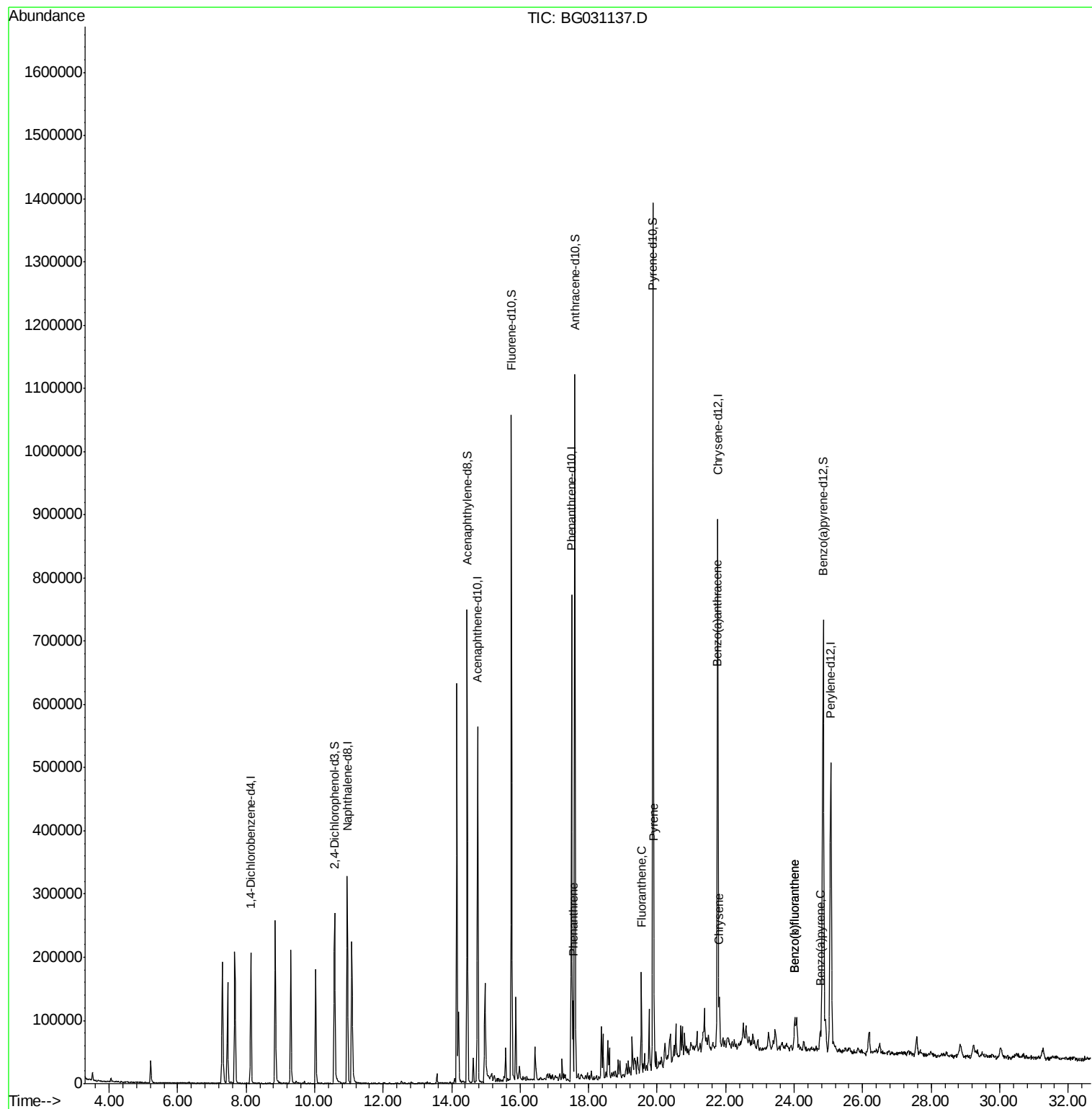
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	63414	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	307805	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	206596	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	493636	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	509477	20.00	ng/ul	-0.02
23) Perylene-d12	25.07	264	504564	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	133704	23.02	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	601275	27.99	ng/ul	0.00
10) Fluorene-d10	15.75	176	447441	25.93	ng/ul	0.00
15) Anthracene-d10	17.60	188	686736	27.79	ng/ul	0.00
19) Pyrene-d10	19.87	212	785826	33.76	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	738856	29.60	ng/ul	-0.03
Target Compounds				Qvalue		
14) Phenanthrene	17.54	178	75908	2.87	ng/ul	99
17) Fluoranthene	19.54	202	101660	2.76	ng/ul#	88
20) Pyrene	19.90	202	141504	5.23	ng/ul#	88
21) Benzo(a)anthracene	21.75	228	57185	1.84	ng/ul	93
22) Chrysene	21.82	228	66927	2.27	ng/ul	98
24) Benzo(b)fluoranthene	24.02	252	61037	2.00	ng/ul#	95
25) Benzo(k)fluoranthene	24.02	252	61037	2.03	ng/ul#	95
27) Benzo(a)pyrene	24.75	252	33389	1.14	ng/ul	99

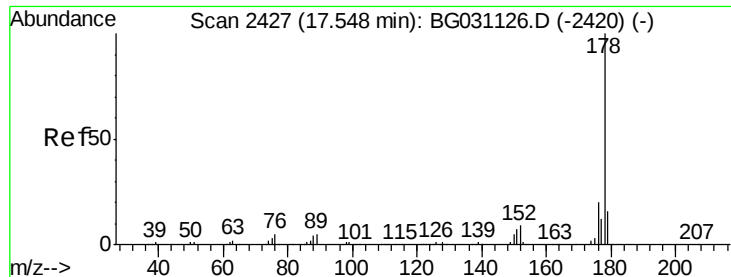
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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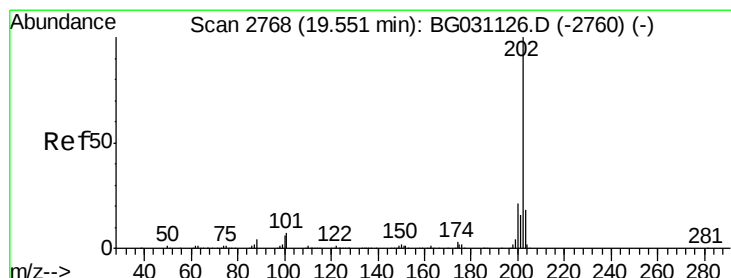
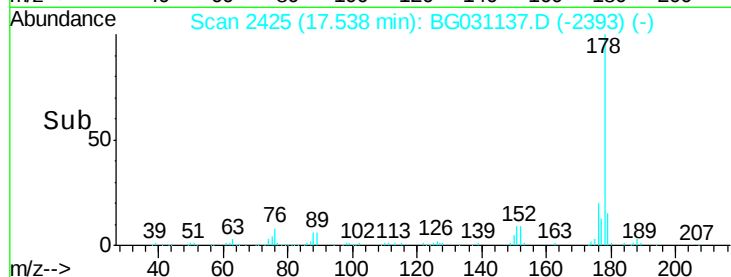
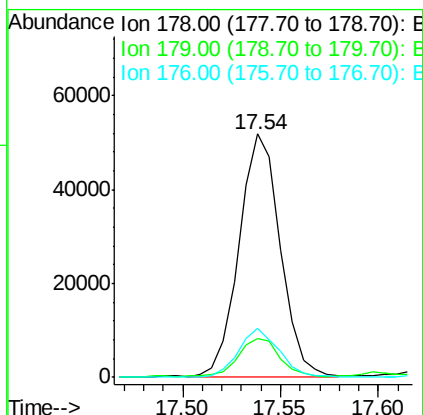
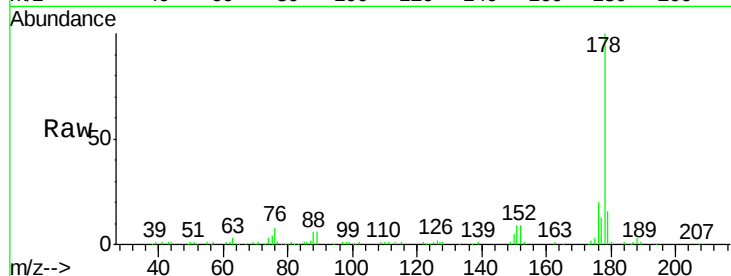




#14
Phenanthrene
Concen: 2.87 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG031137.D
Acq: 20 Nov 2017 19:07

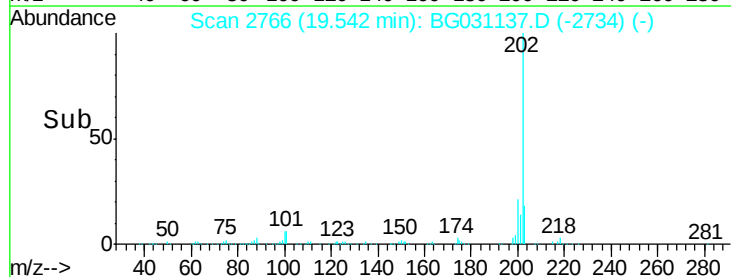
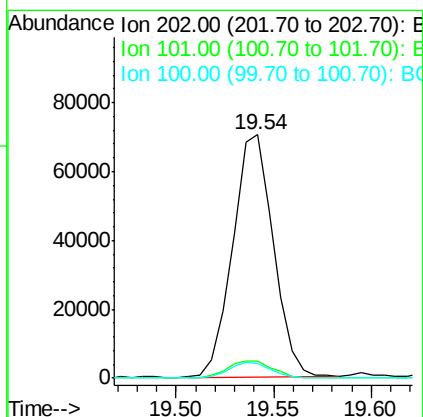
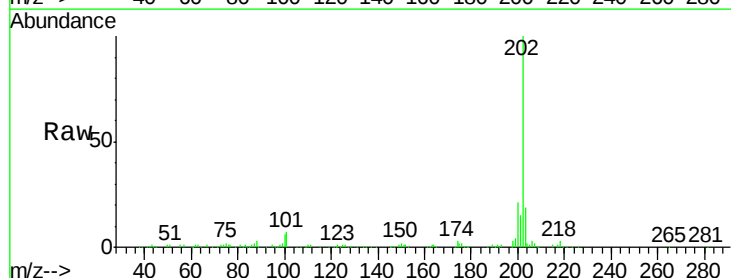
Instrument :
BNA_G
ClientSampleId :
B0G33

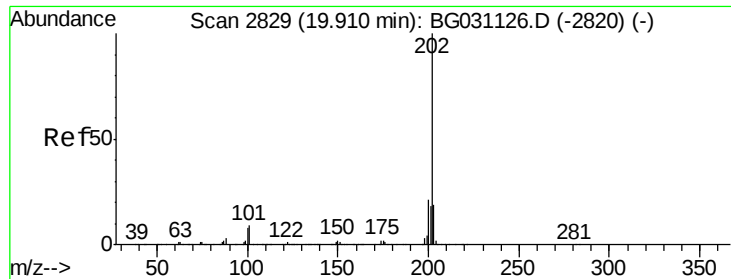
Tot Ion:178 Resp: 75908
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 20.1 16.4 24.6



#17
Fluoranthene
Concen: 2.76 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG031137.D
Acq: 20 Nov 2017 19:07

Tgt Ion:202 Resp: 101660
Ion Ratio Lower Upper
202 100
101 7.2 9.8 14.8#
100 5.9 7.5 11.3#

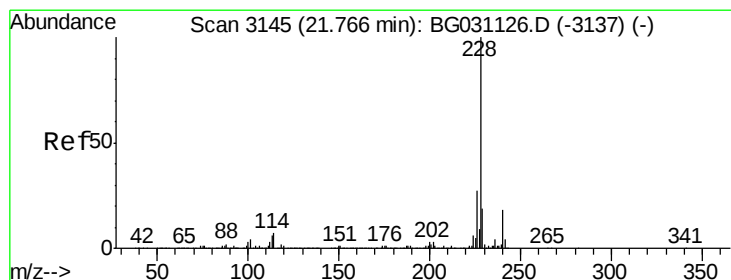
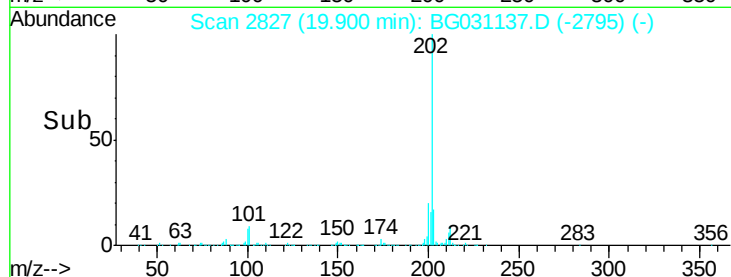
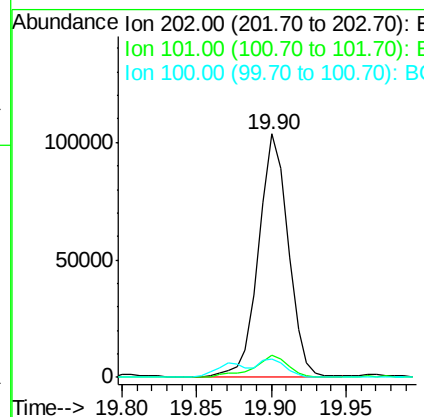
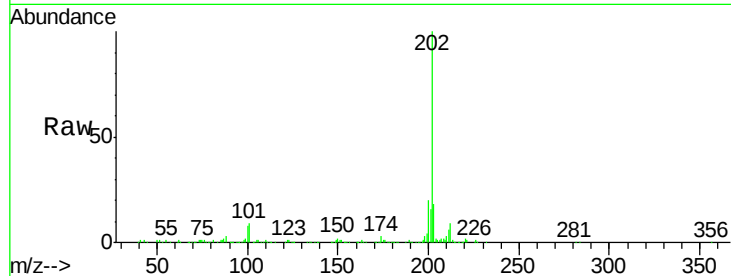




#20
Pvrene
Concen: 5.23 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BG031137.D
Acq: 20 Nov 2017 19:07

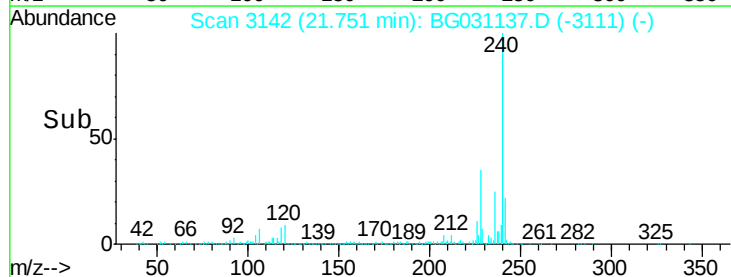
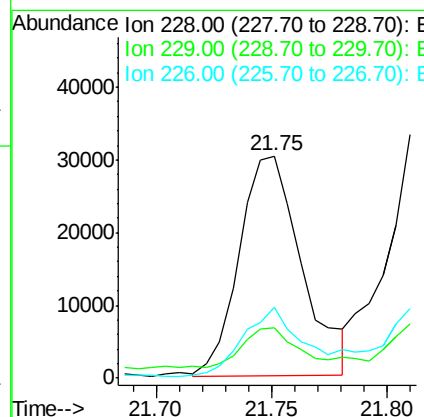
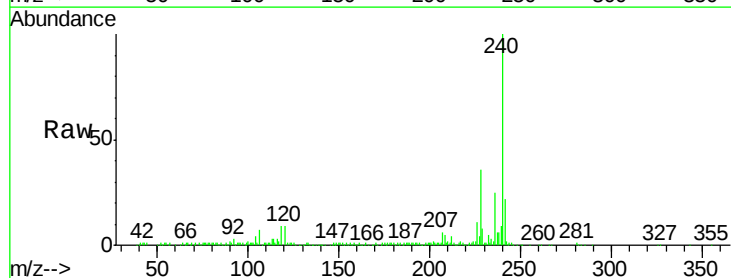
Instrument :
BNA_G
ClientSampled :
B0G33

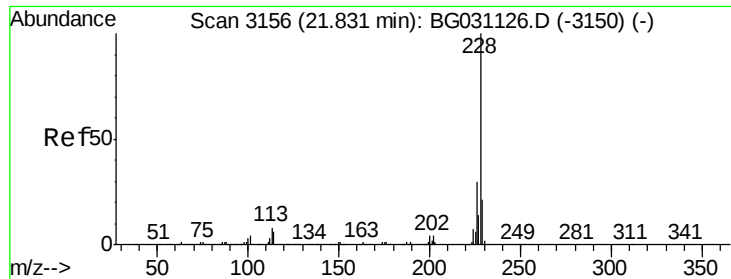
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	11.2	16.8#
100	7.6	9.8	14.6#



#21
Benzo(a)anthracene
Concen: 1.84 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG031137.D
Acq: 20 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.9	23.9
226	31.9	22.1	33.1





#22

Chrysene

Concen: 2.27 ng/ul

RT: 21.82 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG031137.D

Acq: 20 Nov 2017 19:07

Instrument :

BNA_G

ClientSampleId :

B0G33

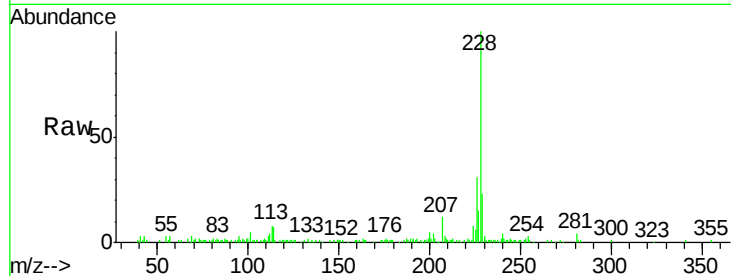
Tot Ion:228 Resp: 66927

Ion Ratio Lower Upper

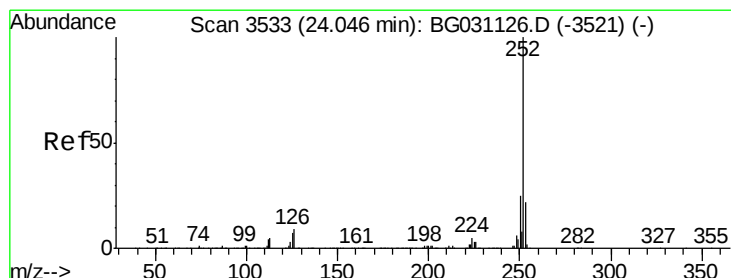
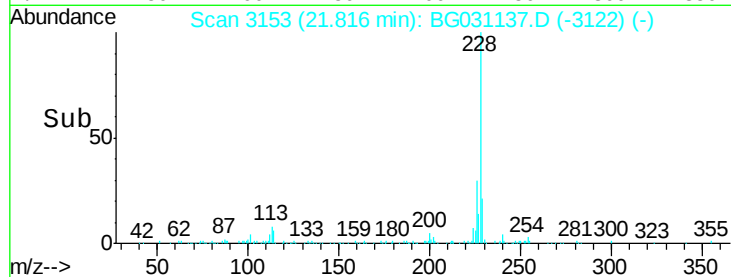
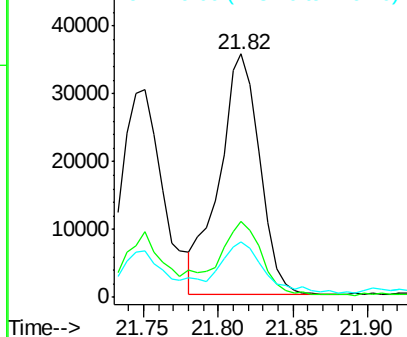
228 100

226 31.0 25.0 37.6

229 22.6 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: 2.00 ng/ul

RT: 24.02 min Scan# 3528

Delta R.T. -0.03 min

Lab File: BG031137.D

Acq: 20 Nov 2017 19:07

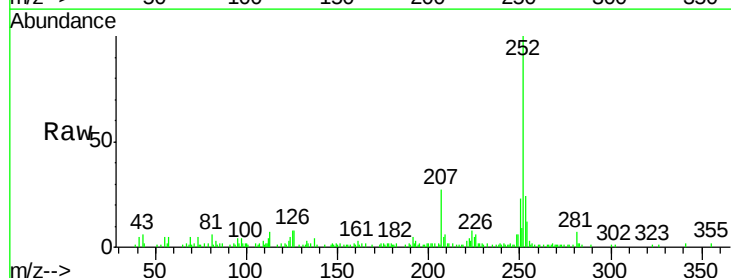
Tgt Ion:252 Resp: 61037

Ion Ratio Lower Upper

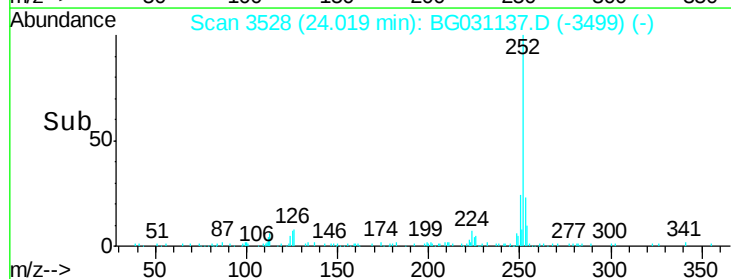
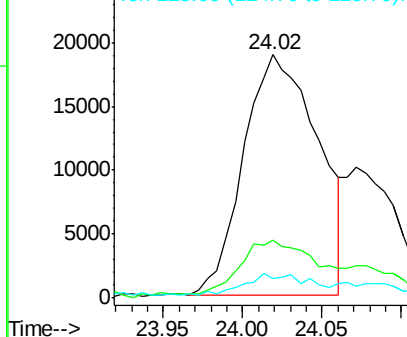
252 100

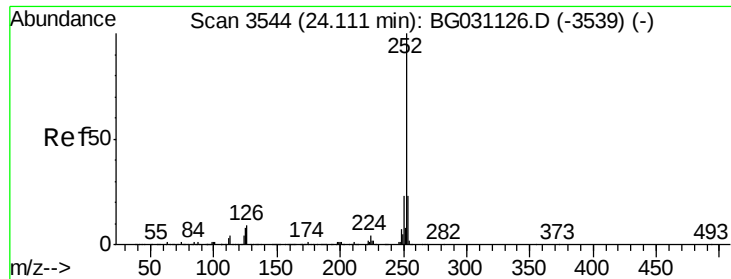
253 23.7 17.8 26.6

125 8.1 9.4 14.0#



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





#25

Benzo(k)fluoranthene

Concen: 2.03 ng/ul

RT: 24.02 min Scan# 3528

Delta R.T. -0.09 min

Lab File: BG031137.D

Acq: 20 Nov 2017 19:07

Instrument :

BNA_G

ClientSampleId :

B0G33

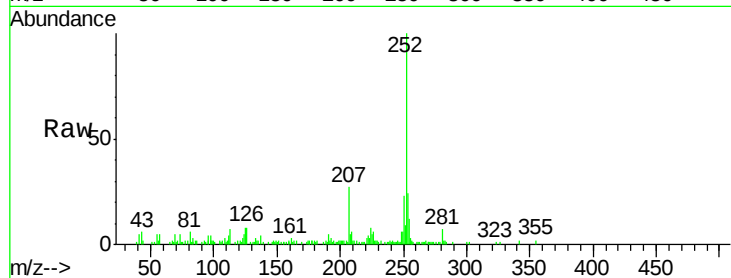
Tot Ion:252 Resp: 61037

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

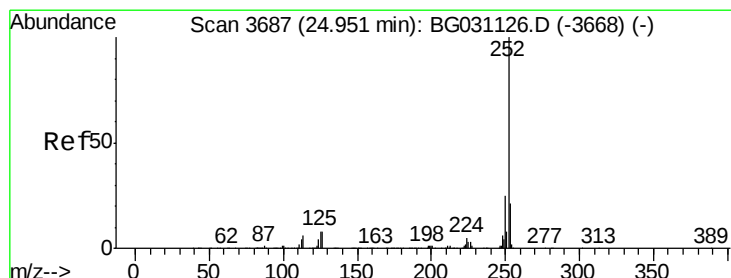
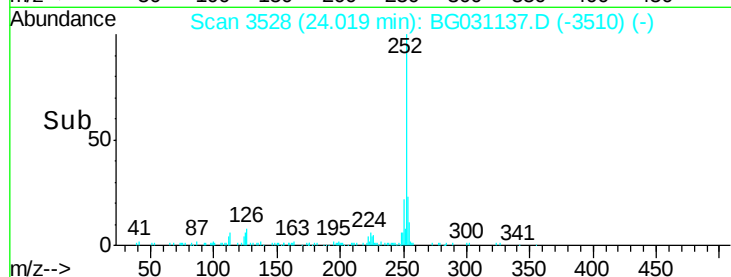
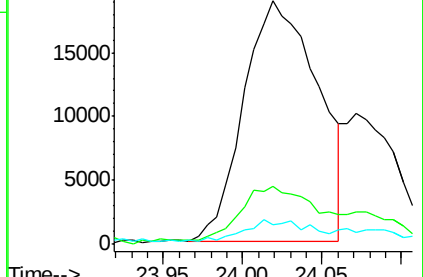
125 8.1 8.8 13.2#



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



#27

Benzo(a)pyrene

Concen: 1.14 ng/ul

RT: 24.75 min Scan# 3653

Delta R.T. -0.20 min

Lab File: BG031137.D

Acq: 20 Nov 2017 19:07

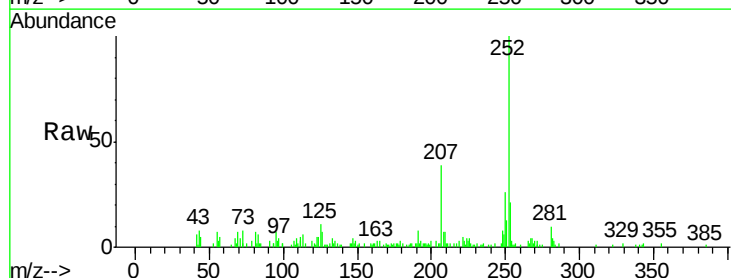
Tgt Ion:252 Resp: 33389

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 11.1 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

