

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031244.D
 Acq On : 28 Nov 2017 00:36
 Operator : SJ/JU
 Sample : I6506-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 28 07:25:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 07:19:57 2017
 Response via : Initial Calibration

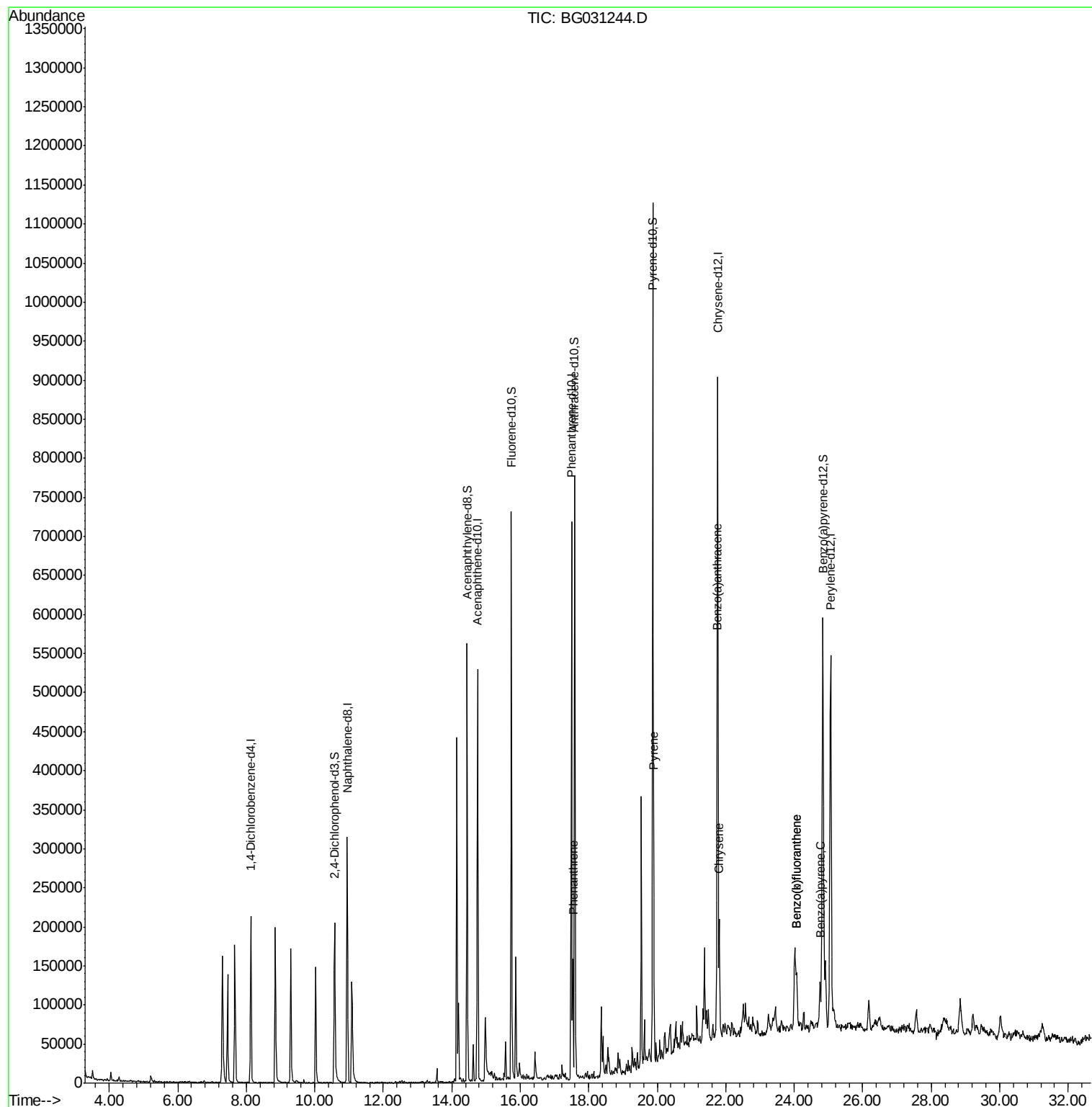
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	68370	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	295929	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	190957	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	455334	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	518400	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	516741	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	107382	19.23	ng/uL	0.00
7) Acenaphthylene-d8	14.44	160	447331	22.53	ng/ul	0.00
10) Fluorene-d10	15.74	176	329782	20.67	ng/ul	0.00
15) Anthracene-d10	17.59	188	500305	21.95	ng/ul	0.00
19) Pyrene-d10	19.87	212	593093	25.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	571103	22.34	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.54	178	101836	4.17	ng/ul	98
20) Pyrene	19.90	202	188609	6.86	ng/ul#	88
21) Benzo(a)anthracene	21.74	228	123926	3.92	ng/ul	99
22) Chrysene	21.81	228	116959	3.89	ng/ul	99
24) Benzo(b)fluoranthene	24.07	252	42083	1.35	ng/ul	95
25) Benzo(k)fluoranthene	24.07	252	42180	1.37	ng/ul	96
27) Benzo(a)pyrene	24.75	252	63600	2.13	ng/ul	98

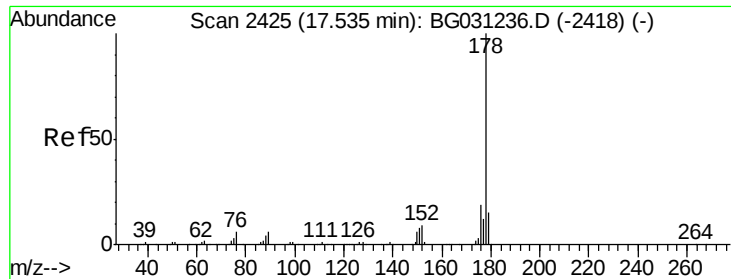
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 4.17 ng/ul

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG031244.D

Acq: 28 Nov 2017 00:36

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BNA_G

ClientSampleId :

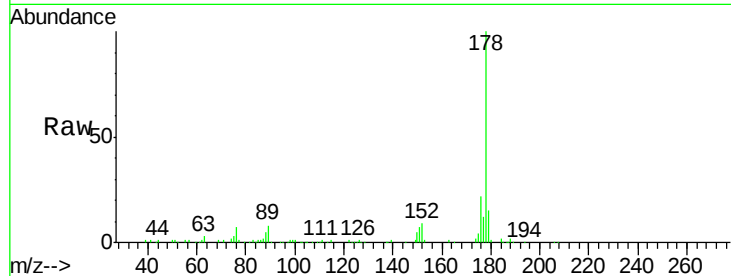
Tot Ion:178 Resp: 101836

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

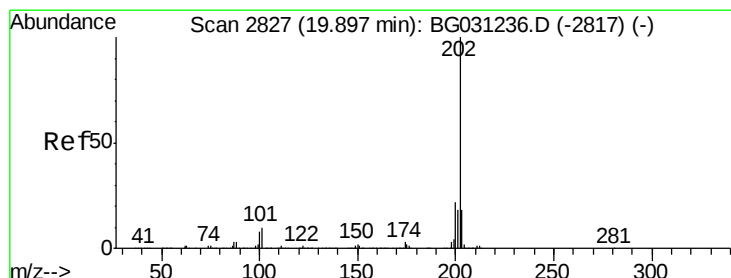
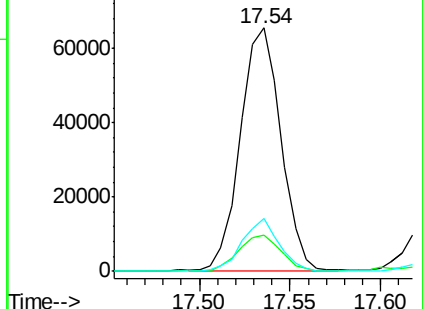
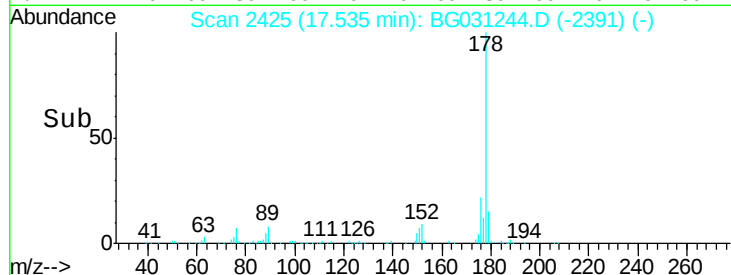
176 21.7 16.4 24.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#20

Pyrene

Concen: 6.86 ng/ul

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG031244.D

Acq: 28 Nov 2017 00:36

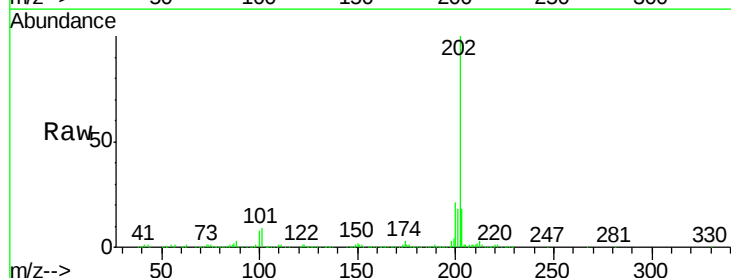
Tgt Ion:202 Resp: 188609

Ion Ratio Lower Upper

202 100

101 8.8 11.2 16.8#

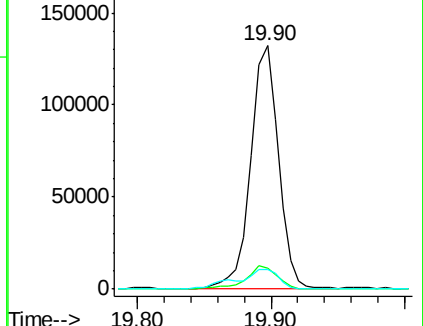
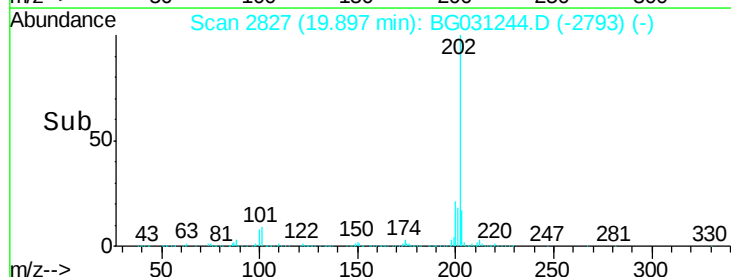
100 8.0 9.8 14.6#

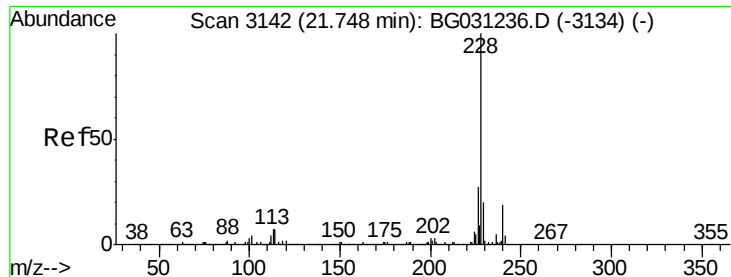


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

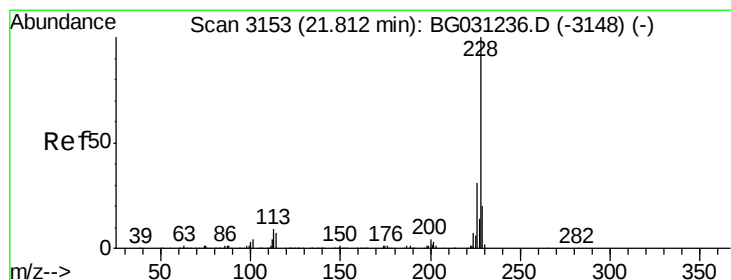
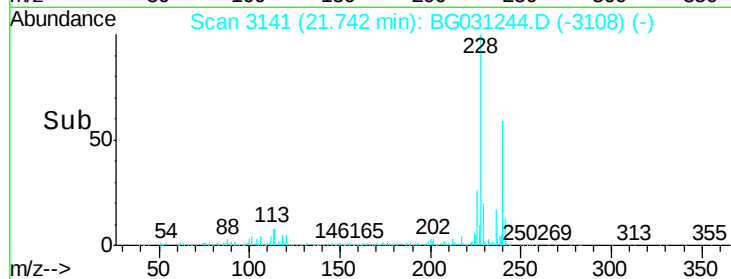
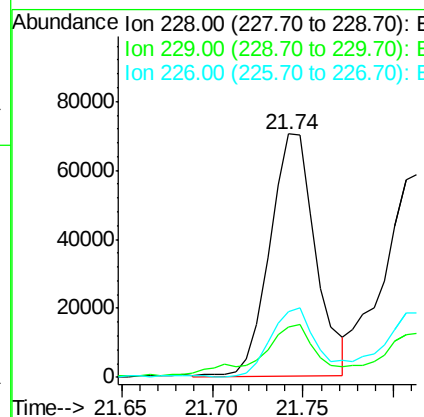
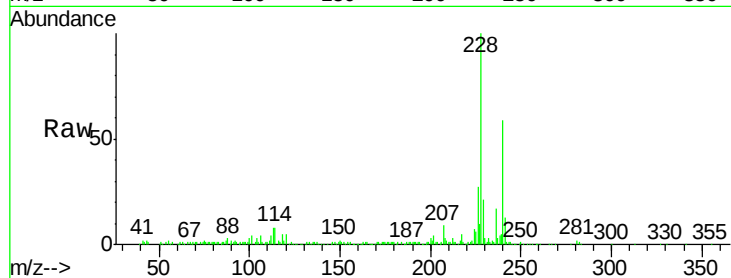




#21
Benzo(a)anthracene
Concen: 3.92 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

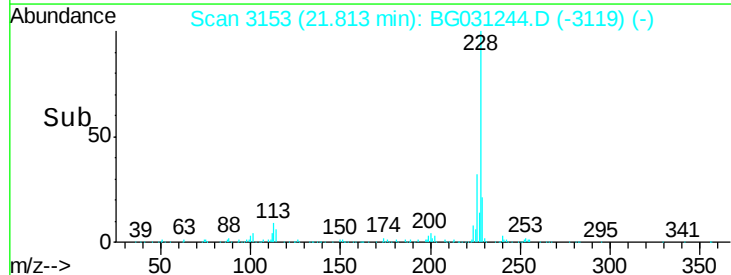
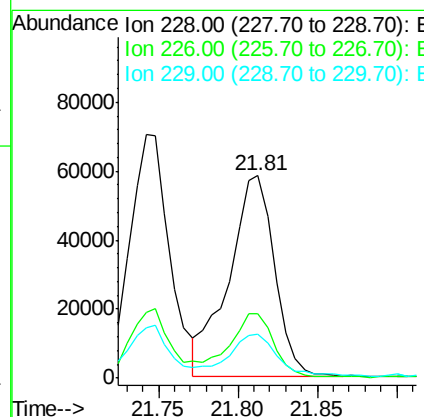
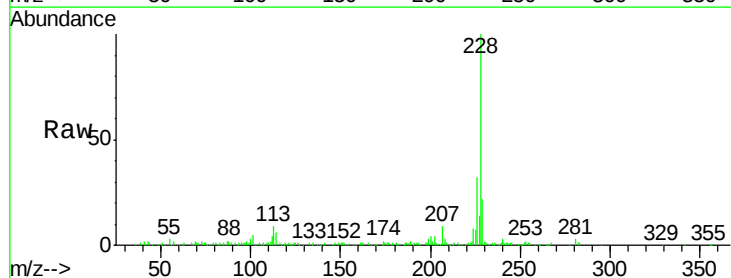
Instrument :
BNA_G
ClientSampleId :

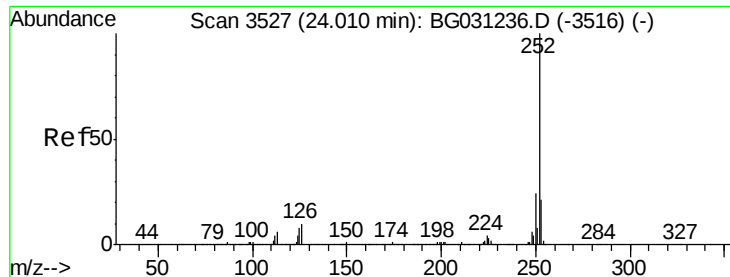
Tot Ion:228 Resp: 123926
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 26.9 22.1 33.1



#22
Chrysene
Concen: 3.89 ng/ul
RT: 21.81 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Tgt Ion:228 Resp: 116959
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 21.5 16.6 25.0





#24

Benzo(b)fluoranthene

Concen: 1.35 ng/ul

RT: 24.07 min Scan# 3538

Delta R.T. 0.06 min

Lab File: BG031244.D

Acq: 28 Nov 2017 00:36

Instrument :

BNA_G

ClientSampled :

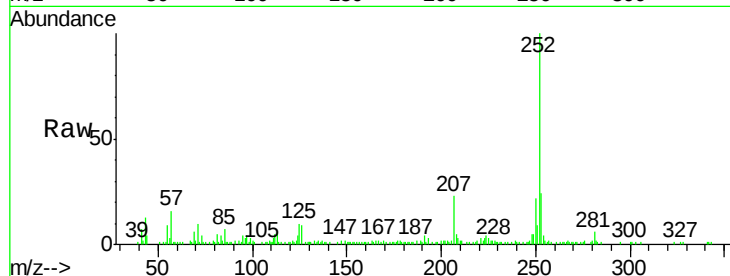
Tot Ion:252 Resp: 42083

Ion Ratio Lower Upper

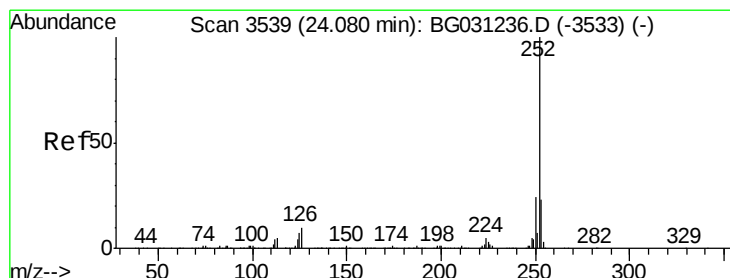
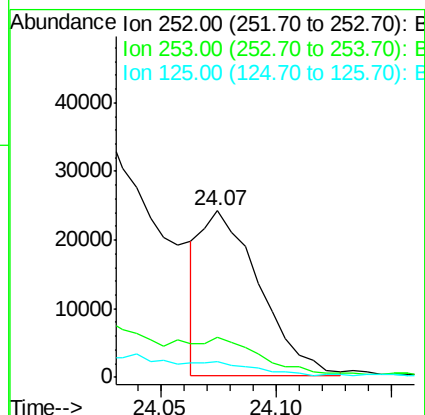
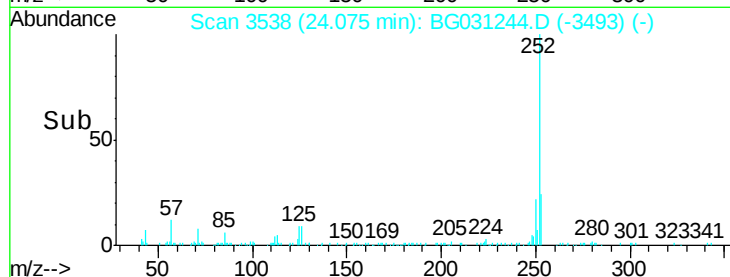
252 100

253 24.2 17.8 26.6

125 9.8 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: 1.37 ng/ul

RT: 24.07 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG031244.D

Acq: 28 Nov 2017 00:36

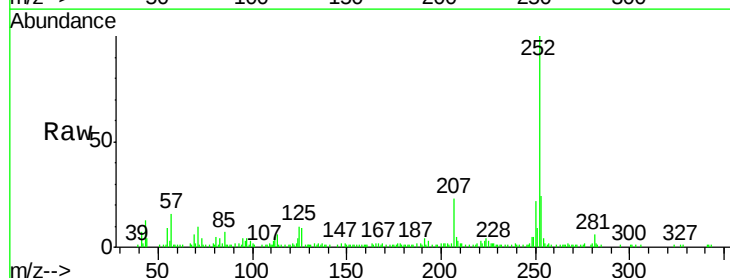
Tgt Ion:252 Resp: 42180

Ion Ratio Lower Upper

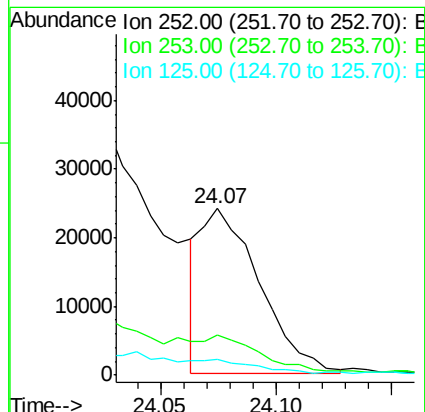
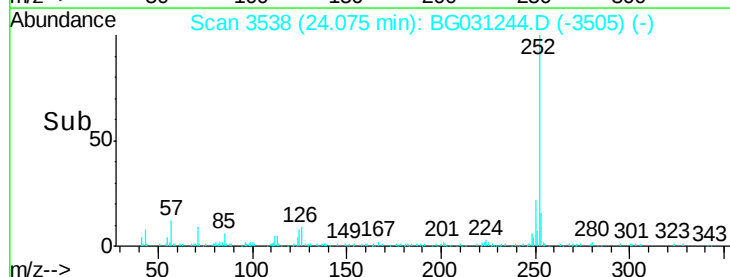
252 100

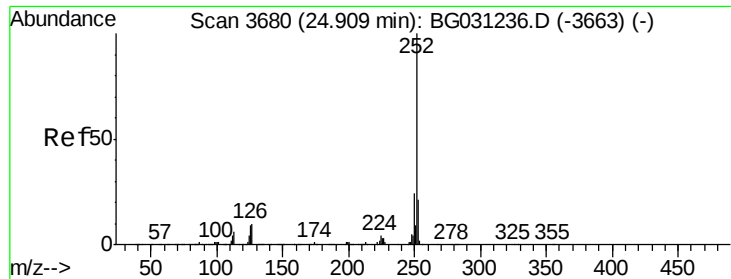
253 24.2 17.4 26.2

125 9.8 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: 2.13 ng/ul

RT: 24.75 min Scan# 3653

Delta R.T. -0.16 min

Lab File: BG031244.D

Acq: 28 Nov 2017 00:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 63600

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.9 9.4 14.2

