

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111617\
 Data File : BG031074.D
 Acq On : 17 Nov 2017 9:45
 Operator : SJ/JU
 Sample : I6385-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0FJ6

Quant Time: Nov 17 11:05:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 17 04:52:45 2017
 Response via : Initial Calibration

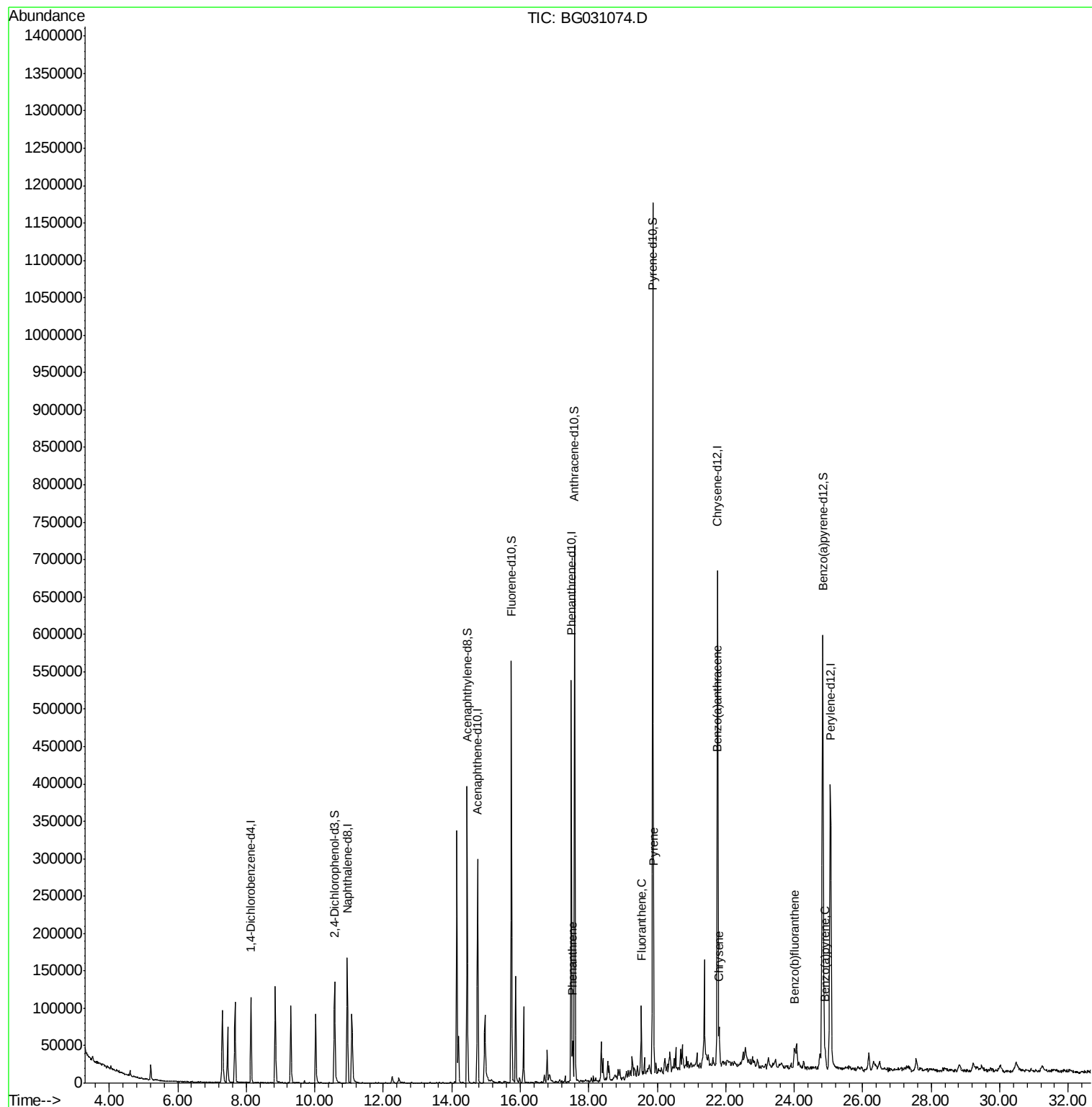
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35467	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	153519	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	114340	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	350154	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	451781	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	453137	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.57	165	69162	23.88	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	329439	27.70	ng/ul	0.00
10) Fluorene-d10	15.74	176	266930	27.95	ng/ul	0.00
15) Anthracene-d10	17.59	188	455613	26.00	ng/ul	0.00
19) Pyrene-d10	19.87	212	651801	31.58	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	641260	28.60	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.53	178	38354	2.041	ng/ul	95
17) Fluoranthene	19.53	202	61183	2.340	ng/ul#	84
20) Pyrene	19.89	202	76308	3.182	ng/ul#	83
21) Benzo(a)anthracene	21.74	228	31343	1.139	ng/ul	96
22) Chrysene	21.81	228	38410	1.467	ng/ul	100
24) Benzo(b)fluoranthene	24.01	252	37854	1.383	ng/ul#	92
27) Benzo(a)pyrene	24.90	252	29743	1.133	ng/ul#	90

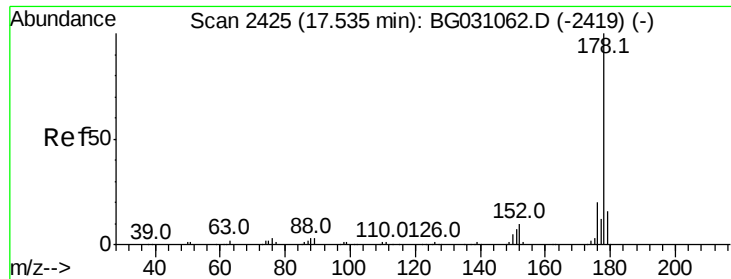
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 2.041 ng/ul

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

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BNA_G

ClientSampleId :

B0FJ6

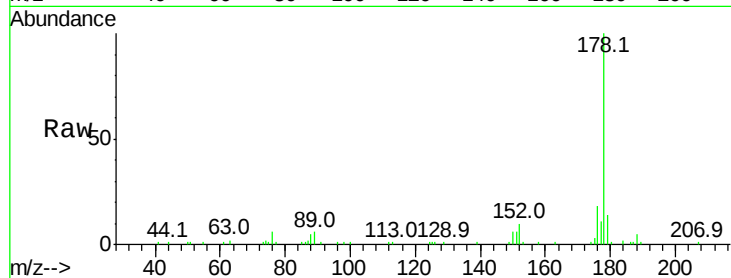
Tot Ion:178 Resp: 38354

Ion Ratio Lower Upper

178 100

179 13.7 12.2 18.4

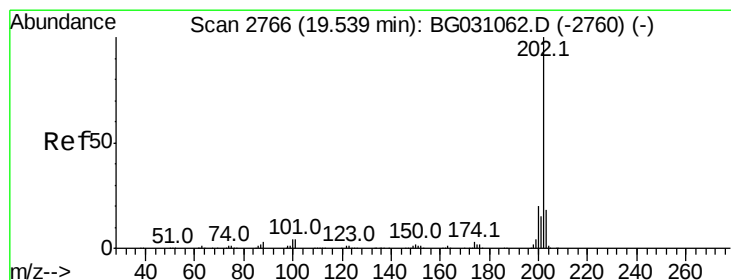
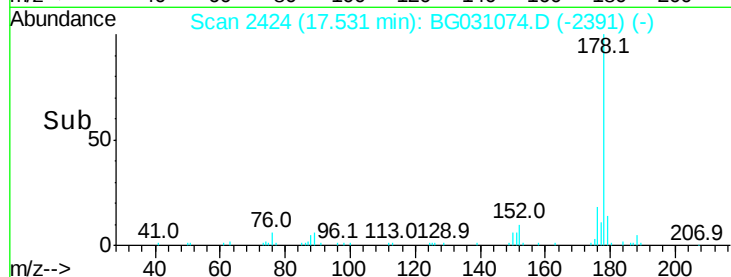
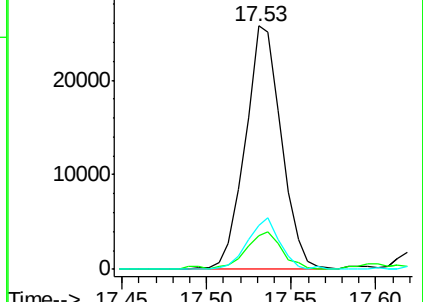
176 18.1 16.4 24.6



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



#17

Fluoranthene

Concen: 2.340 ng/ul

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG031074.D

Acq: 17 Nov 2017 9:45

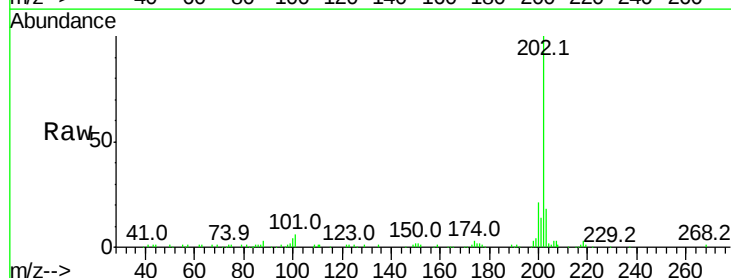
Tgt Ion:202 Resp: 61183

Ion Ratio Lower Upper

202 100

101 6.0 9.8 14.8#

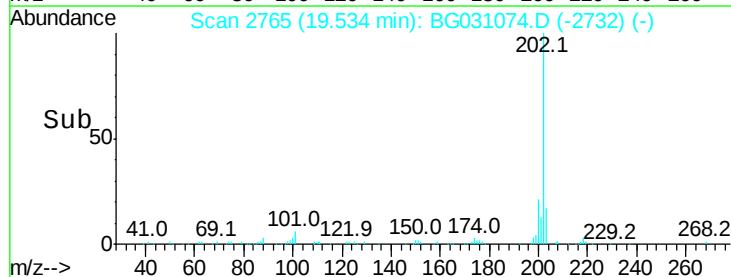
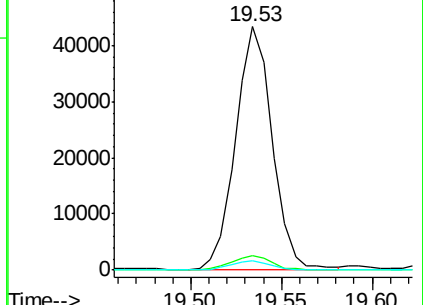
100 4.0 7.5 11.3#

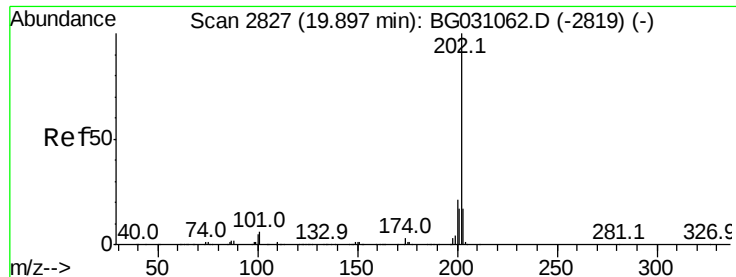


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

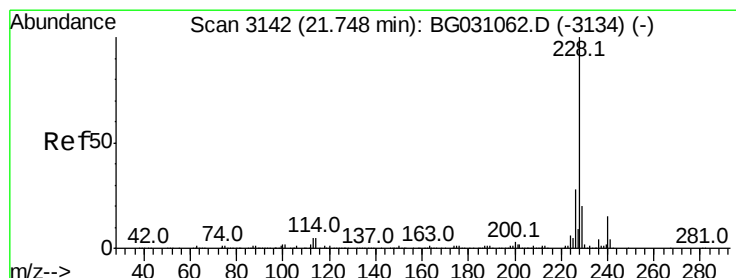
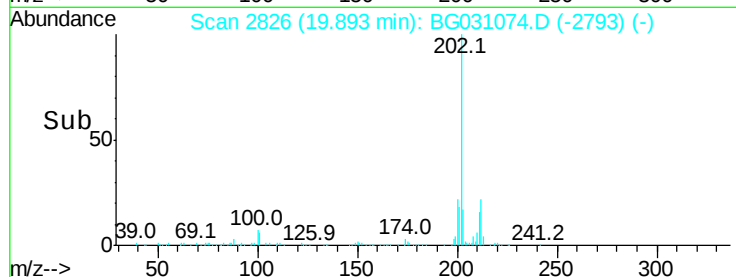
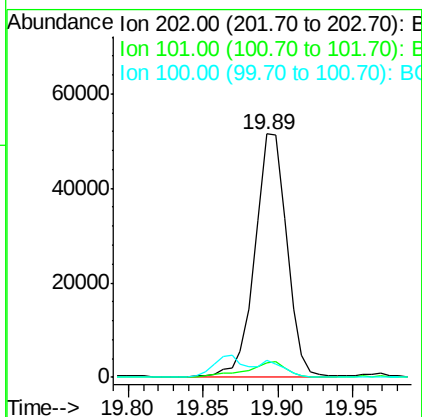
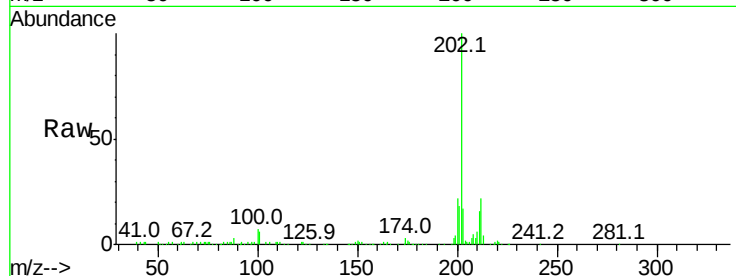




#20
Pvrene
Concen: 3.182 ng/ul
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG031074.D
Acq: 17 Nov 2017 9:45

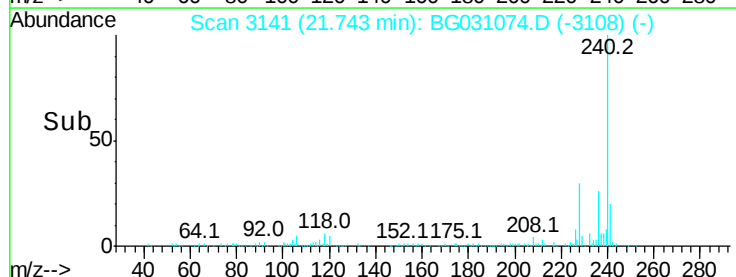
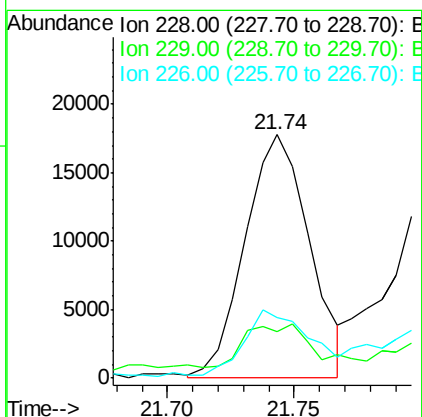
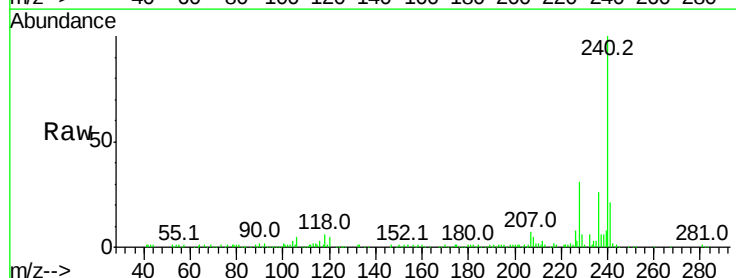
Instrument :
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ClientSampleId :
B0FJ6

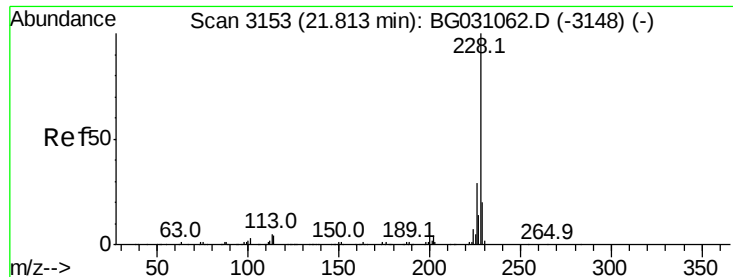
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.1	11.2	16.8#
100	6.7	9.8	14.6#



#21
Benzo(a)anthracene
Concen: 1.139 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031074.D
Acq: 17 Nov 2017 9:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.9	23.9
226	24.7	22.1	33.1





#22

Chrysene

Concen: 1.467 ng/ul

RT: 21.81 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG031074.D

Acq: 17 Nov 2017 9:45

Instrument :

BNA_G

ClientSampleId :

B0FJ6

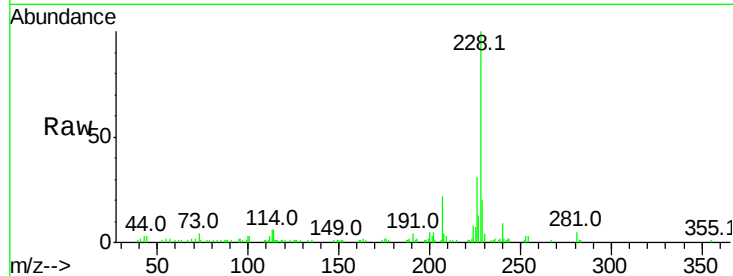
Tot Ion:228 Resp: 38410

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

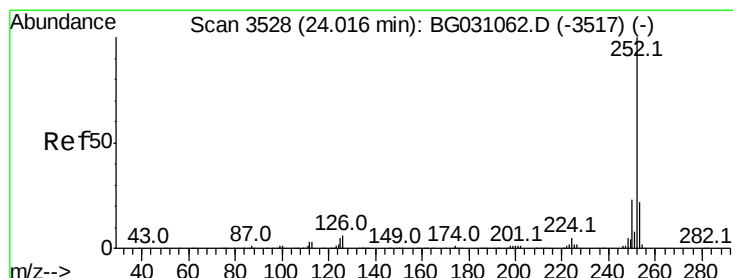
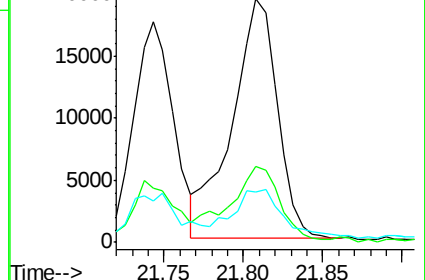
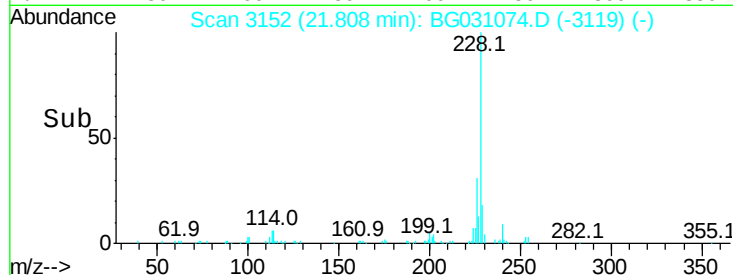
229 20.5 16.6 25.0



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: 1.383 ng/ul

RT: 24.01 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG031074.D

Acq: 17 Nov 2017 9:45

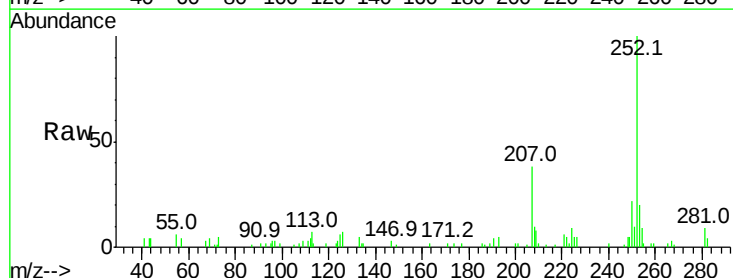
Tgt Ion:252 Resp: 37854

Ion Ratio Lower Upper

252 100

253 20.0 17.8 26.6

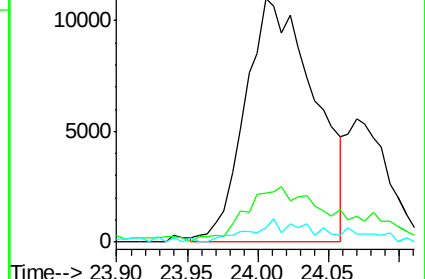
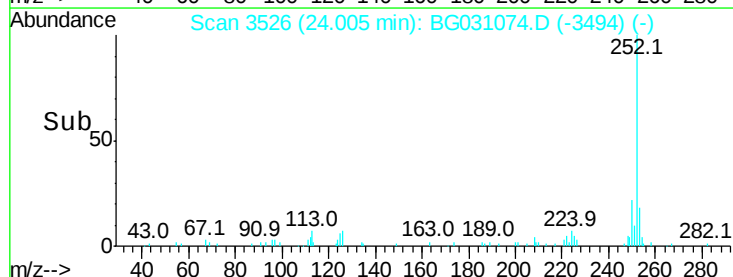
125 5.9 9.4 14.0#

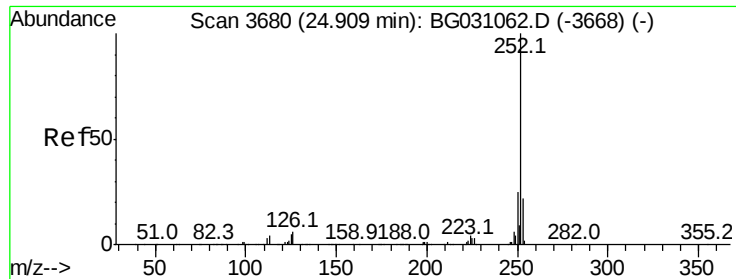


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 1.133 ng/ul

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG031074.D

Acq: 17 Nov 2017 9:45

Instrument :

BNA_G

ClientSampleId :

B0FJ6

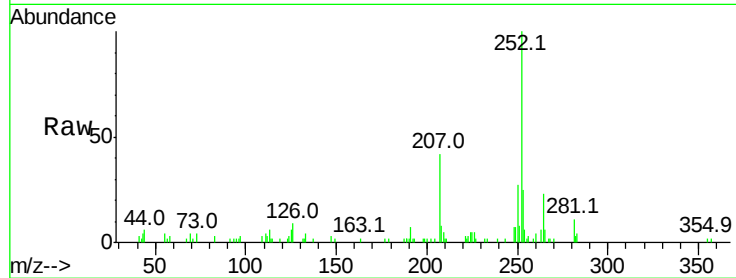
Tot Ion:252 Resp: 29743

Ion Ratio Lower Upper

252 100

253 25.4 17.1 25.7

125 6.4 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

