

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111617\
 Data File : BG031066.D
 Acq On : 17 Nov 2017 4:45
 Operator : SJ/JU
 Sample : I6350-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F88

Quant Time: Nov 17 06:48:24 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	35436	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	150162	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	110205	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	317050	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	455250	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	453803	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.58	165	38578	13.62	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	183353	16.00	ng/ul	0.00
10) Fluorene-d10	15.74	176	153834	16.71	ng/ul	0.00
15) Anthracene-d10	17.59	188	261641	16.49	ng/ul	0.00
19) Pyrene-d10	19.87	212	369009	17.74	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	372078	16.57	ng/ul	0.00

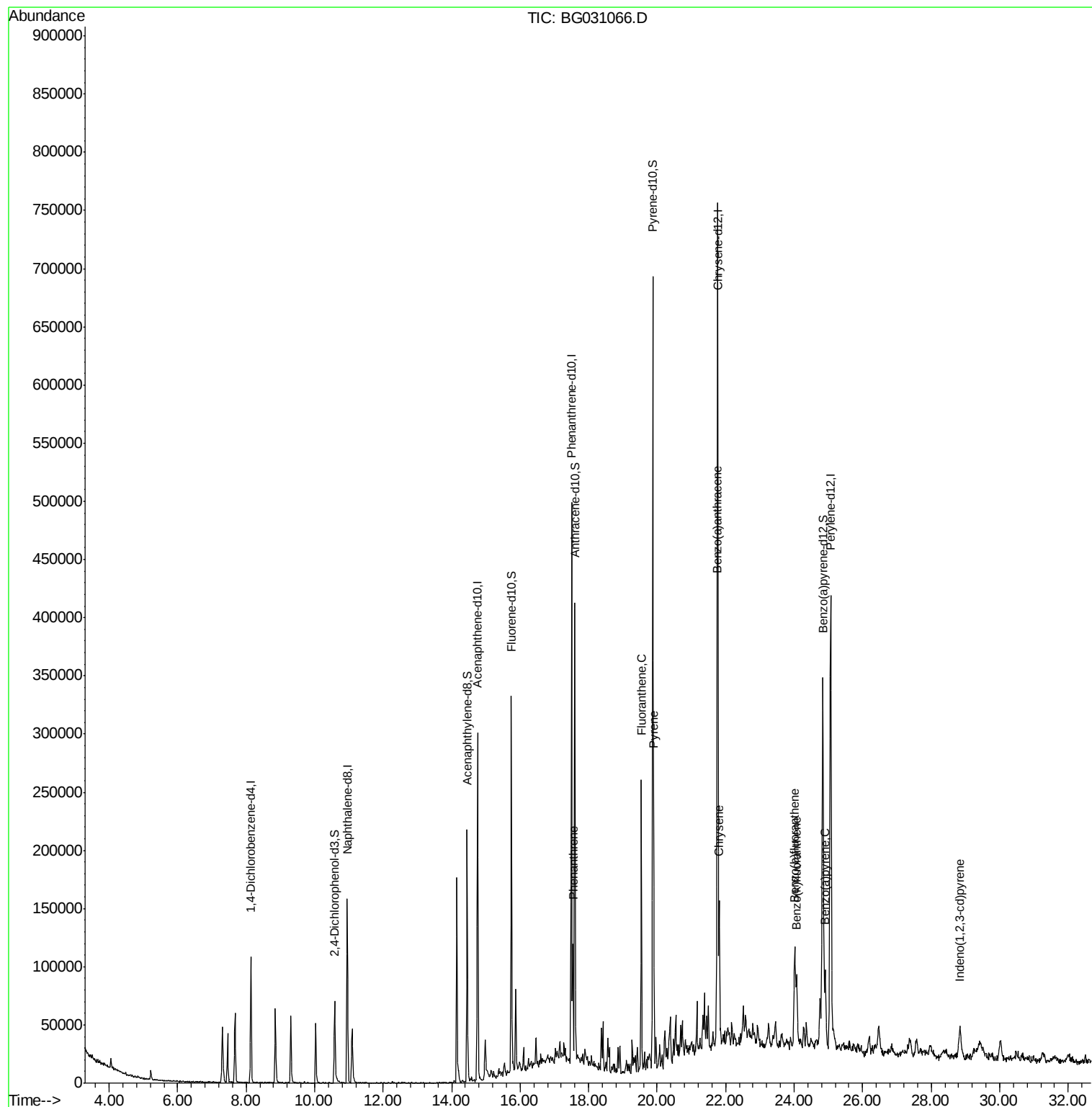
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.54	178	70764	4.16	ng/ul	95
17) Fluoranthene	19.54	202	177736	7.51	ng/ul#	82
20) Pyrene	19.90	202	156043	6.46	ng/ul#	78
21) Benzo(a)anthracene	21.75	228	101495	3.66	ng/ul	98
22) Chrysene	21.82	228	97251	3.69	ng/ul	97
24) Benzo(b)fluoranthene	24.02	252	114859	4.19	ng/ul#	93
25) Benzo(k)fluoranthene	24.08	252	41416	1.53	ng/ul#	90
27) Benzo(a)pyrene	24.90	252	76082	2.90	ng/ul#	90
28) Indeno(1,2,3-cd)pyrene	28.84	276	47379	1.58	ng/ul#	88

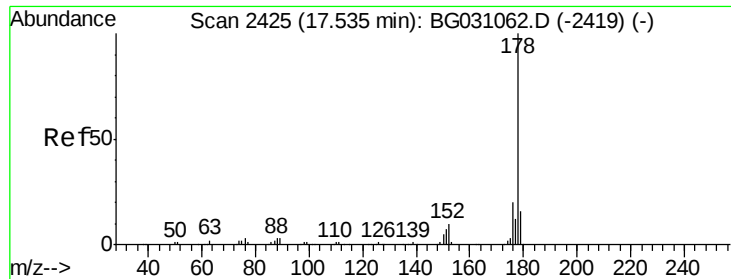
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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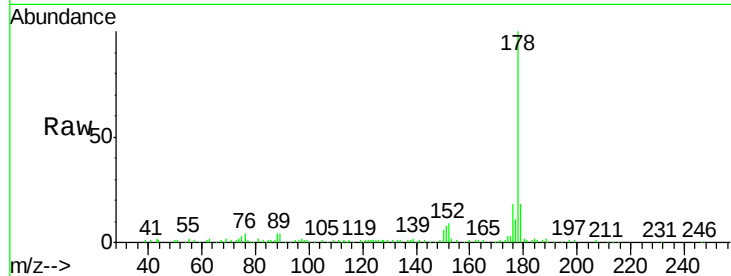




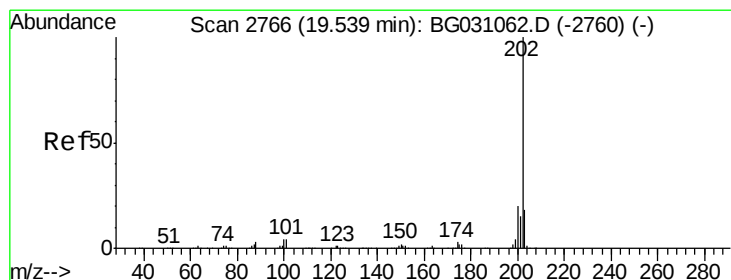
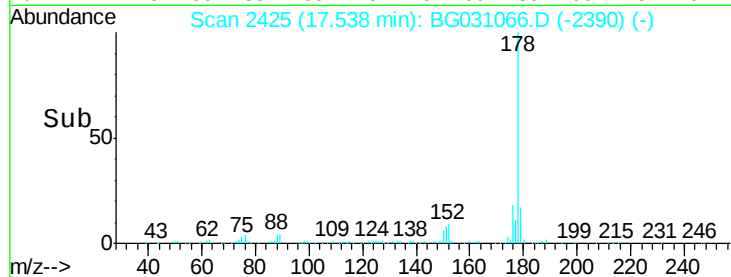
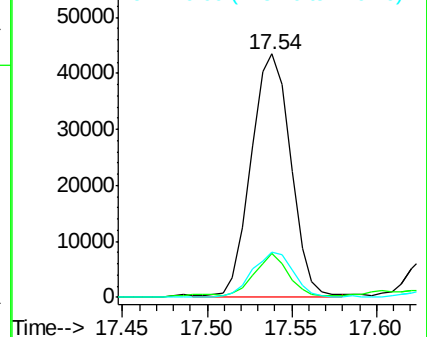
#14
Phenanthrene
Concen: 4.16 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG031066.D
Acq: 17 Nov 2017 4:45

Instrument :
BNA_G
ClientSampleId :
B0F88

Tot Ion:178 Resp: 70764
Ion Ratio Lower Upper
178 100
179 17.8 12.2 18.4
176 18.3 16.4 24.6

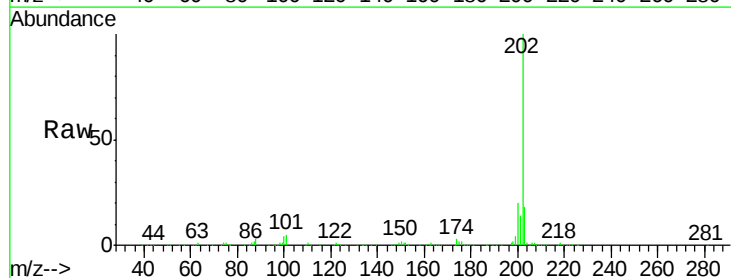


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

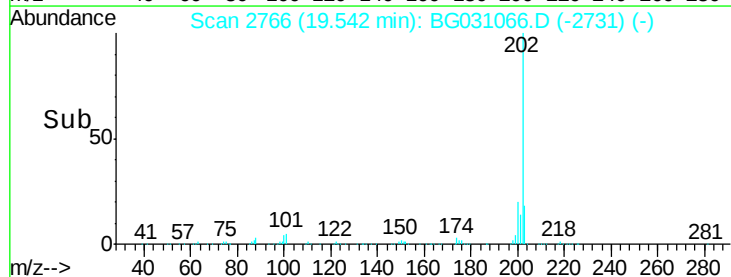
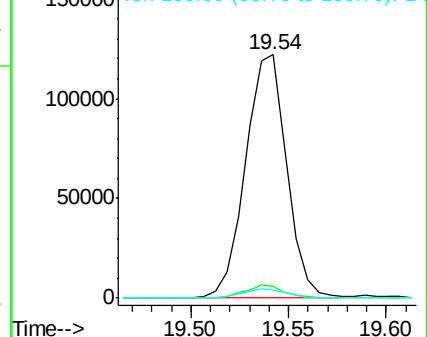


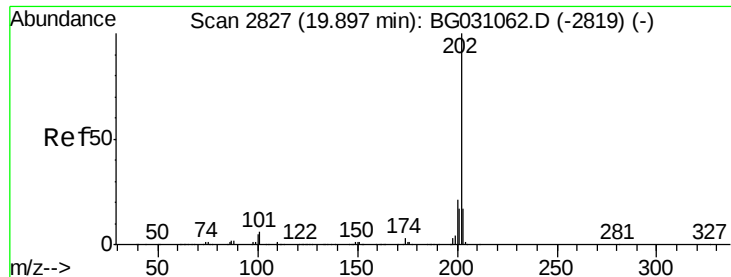
#17
Fluoranthene
Concen: 7.51 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031066.D
Acq: 17 Nov 2017 4:45

Tgt Ion:202 Resp: 177736
Ion Ratio Lower Upper
202 100
101 4.8 9.8 14.8#
100 3.5 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): B

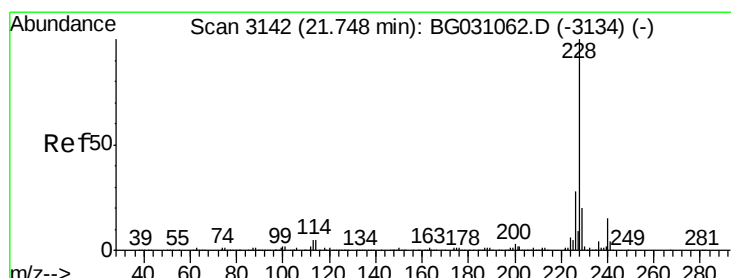
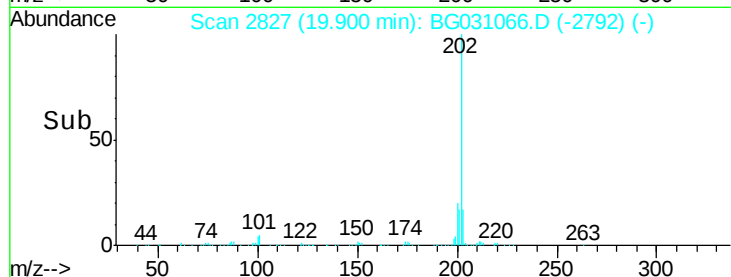
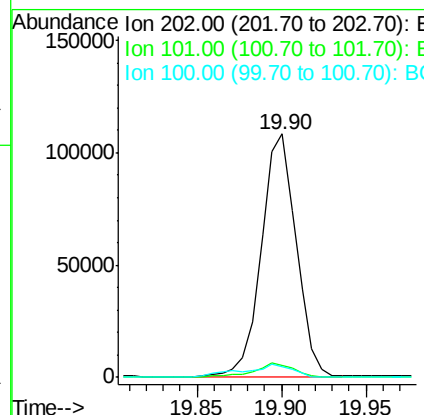
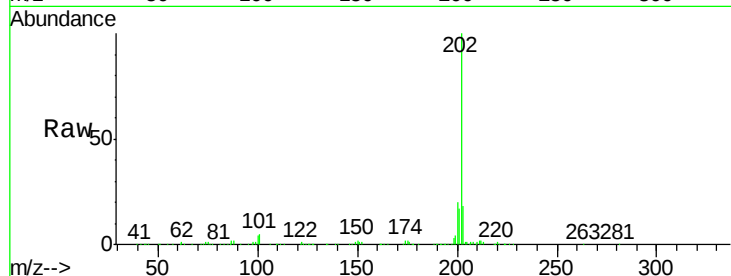




#20
Pvrene
Concen: 6.46 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031066.D
Acq: 17 Nov 2017 4:45

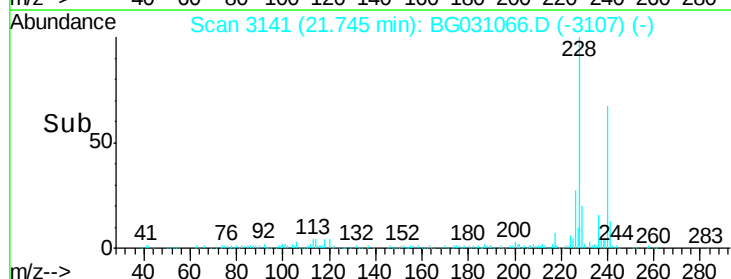
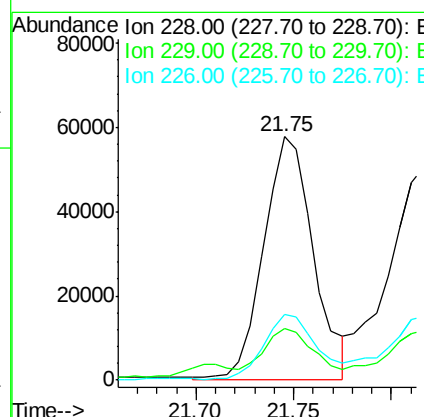
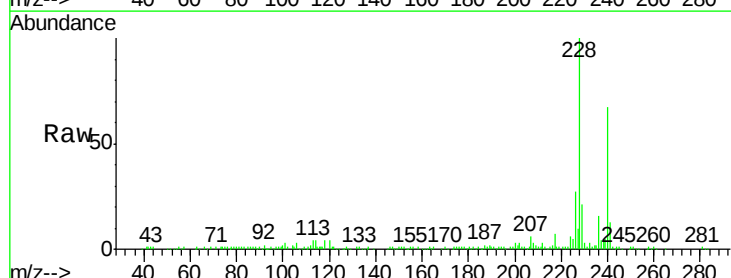
Instrument :
BNA_G
ClientSampled :
B0F88

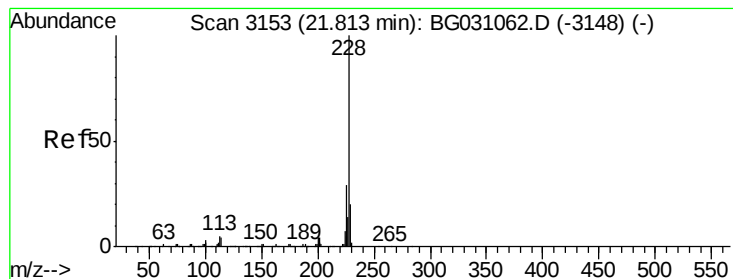
Tot Ion	Ratio	Lower	Upper
202	100		
101	4.8	11.2	16.8#
100	4.2	9.8	14.6#



#21
Benzo(a)anthracene
Concen: 3.66 ng/ul
RT: 21.75 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031066.D
Acq: 17 Nov 2017 4:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.9	23.9
226	27.2	22.1	33.1





#22

Chrysene

Concen: 3.69 ng/ul

RT: 21.82 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG031066.D

Acq: 17 Nov 2017 4:45

Instrument :

BNA_G

ClientSampleId :

B0F88

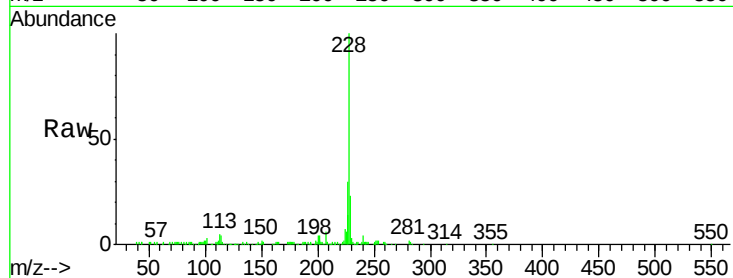
Tot Ion:228 Resp: 97251

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

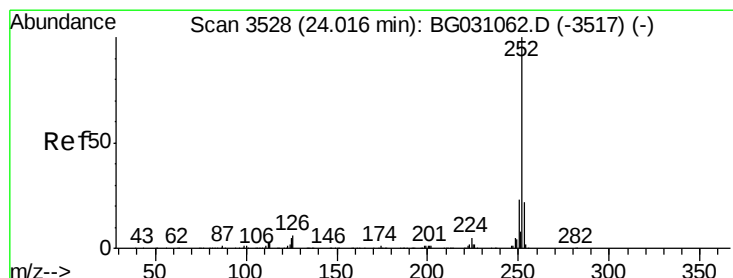
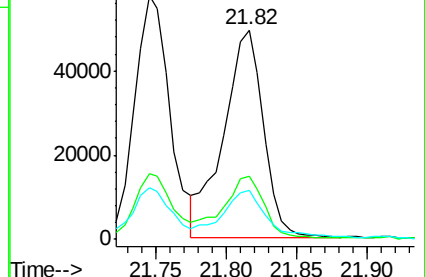
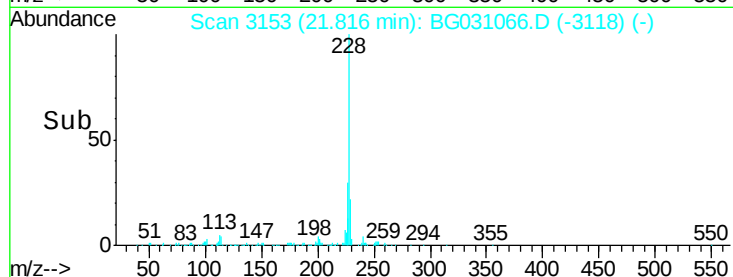
229 23.2 16.6 25.0



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: 4.19 ng/ul

RT: 24.02 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG031066.D

Acq: 17 Nov 2017 4:45

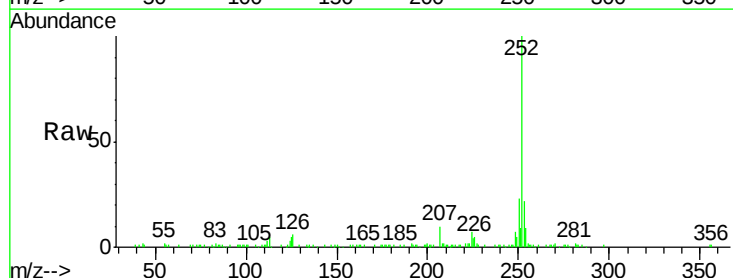
Tgt Ion:252 Resp: 114859

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

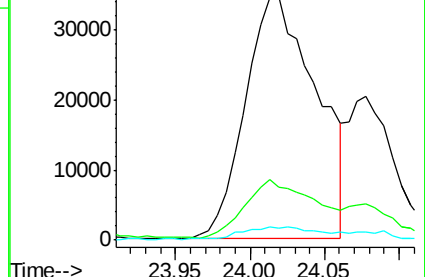
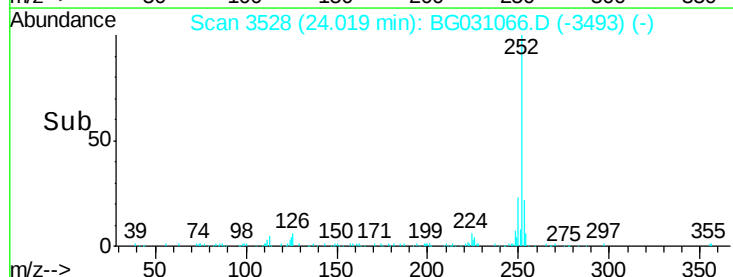
125 4.7 9.4 14.0#

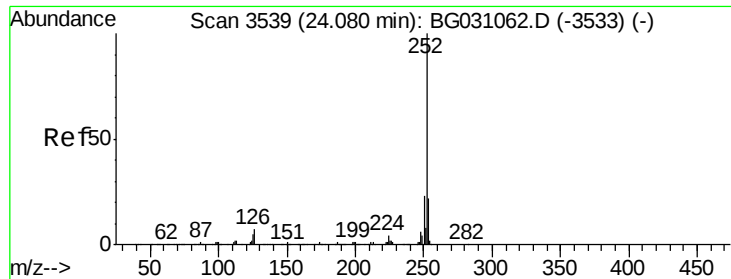


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

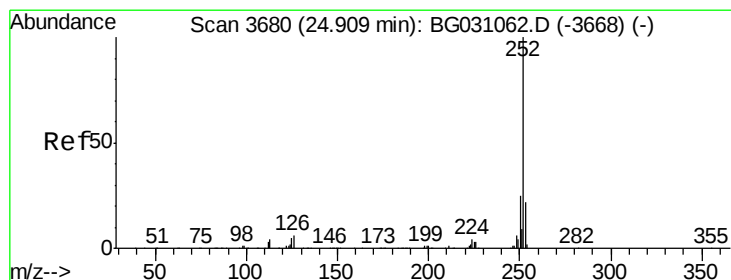
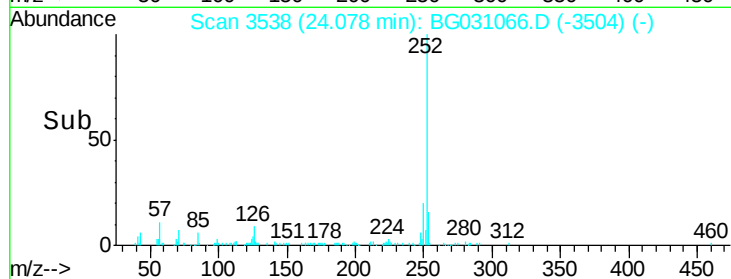
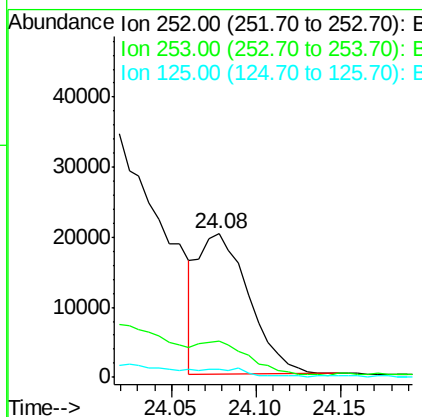
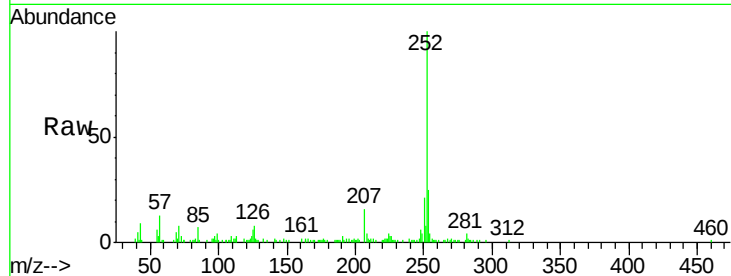




#25
Benzo(k)fluoranthene
Concen: 1.53 ng/ul
RT: 24.08 min Scan# 3538
Delta R.T. -0.00 min
Lab File: BG031066.D
Acq: 17 Nov 2017 4:45

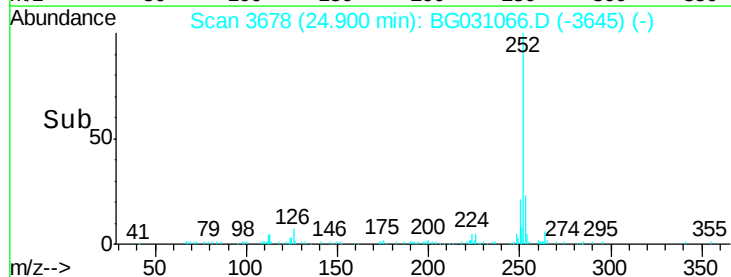
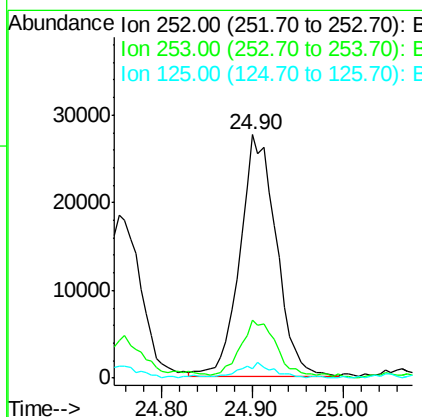
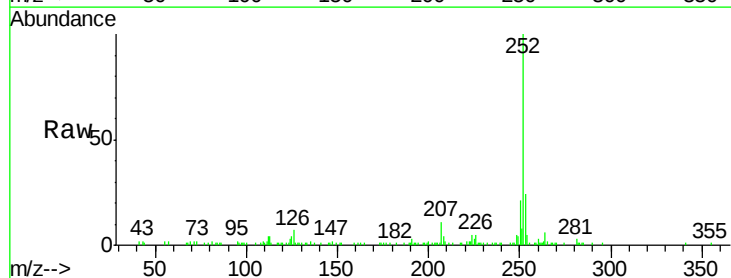
Instrument :
BNA_G
ClientSampled :
B0F88

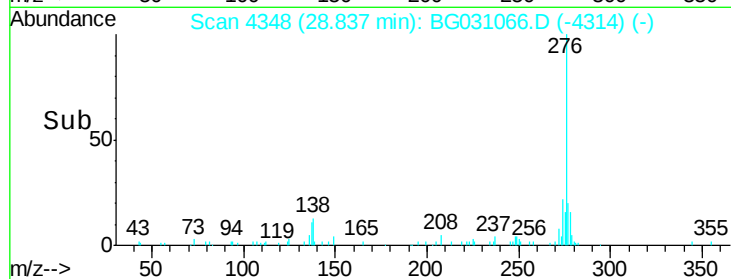
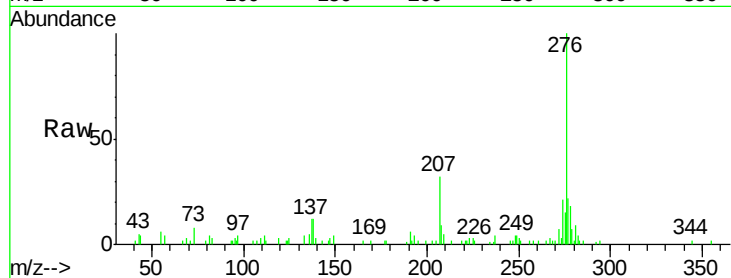
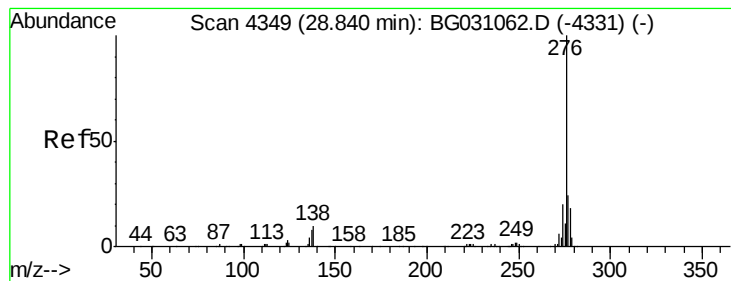
Tot Ion:252 Resp: 41416
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.2
125 5.7 8.8 13.2#



#27
Benzo(a)pyrene
Concen: 2.90 ng/ul
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG031066.D
Acq: 17 Nov 2017 4:45

Tgt Ion:252 Resp: 76082
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 3.9 9.4 14.2#





#28

Indeno(1,2,3-cd)pyrene

Concen: 1.58 ng/ul

RT: 28.84 min Scan# 4348

Delta R.T. -0.00 min

Lab File: BG031066.D

Acq: 17 Nov 2017 4:45

Instrument :

BNA_G

ClientSampleId :

B0F88

Tot Ion: 276 Resp: 47379

Ion Ratio Lower Upper

276 100

138 12.5 17.8 26.6#

277 22.3 19.4 29.0

