

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
 Data File : BG031105.D
 Acq On : 18 Nov 2017 5:27
 Operator : SJ/JU
 Sample : I6431-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0FP9

Quant Time: Nov 18 06:03:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 01:20:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40733	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	188047	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	142285	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	390663	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	420868	20.00	ng/ul	0.00
23) Perylene-d12	25.08	264	411373	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	101837	28.70	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	478364	32.33	ng/ul	0.00
10) Fluorene-d10	15.75	176	380986	32.05	ng/ul	0.00
15) Anthracene-d10	17.60	188	624987	31.96	ng/ul	0.00
19) Pyrene-d10	19.88	212	739565	38.47	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	694099	34.10	ng/ul	0.00

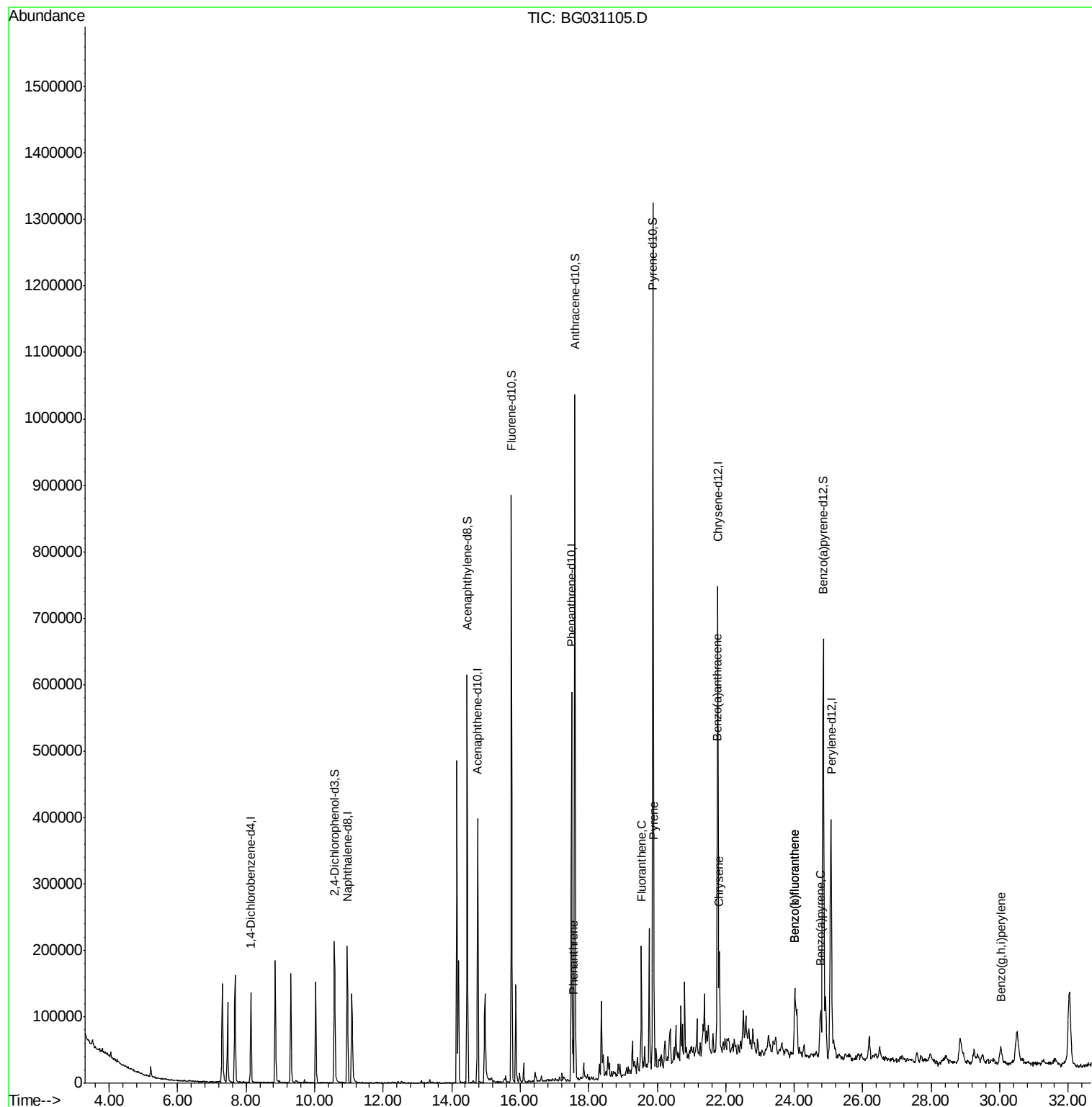
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.54	178	40165	1.92	ng/ul	98
17) Fluoranthene	19.54	202	119209	4.09	ng/ul#	86
20) Pyrene	19.90	202	144367	6.46	ng/ul#	85
21) Benzo(a)anthracene	21.75	228	91787	3.58	ng/ul	97
22) Chrysene	21.81	228	124084	5.09	ng/ul	97
24) Benzo(b)fluoranthene	24.02	252	132220	5.32	ng/ul#	95
25) Benzo(k)fluoranthene	24.02	252	132220	5.40	ng/ul#	96
27) Benzo(a)pyrene	24.76	252	73722	3.09	ng/ul	97
30) Benzo(g,h,i)perylene	30.03	276	29902	1.32	ng/ul#	89

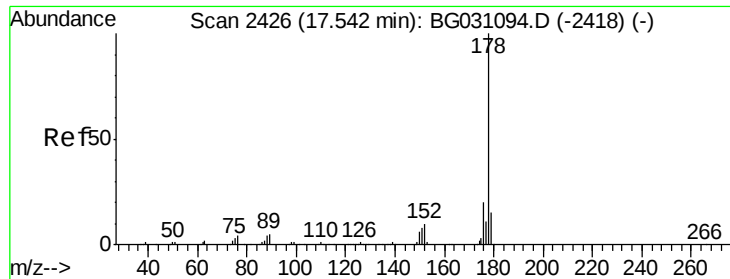
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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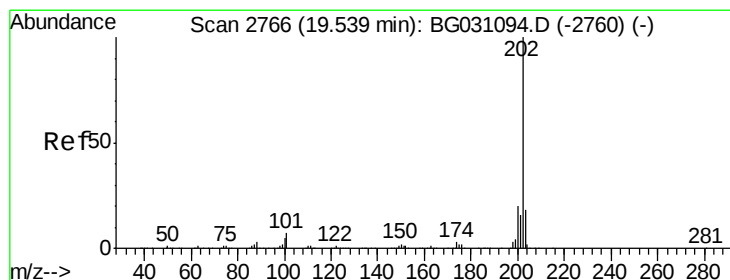
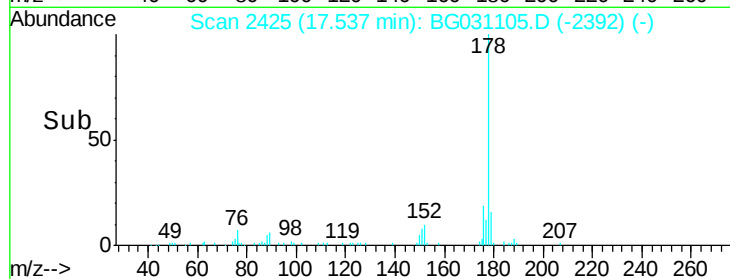
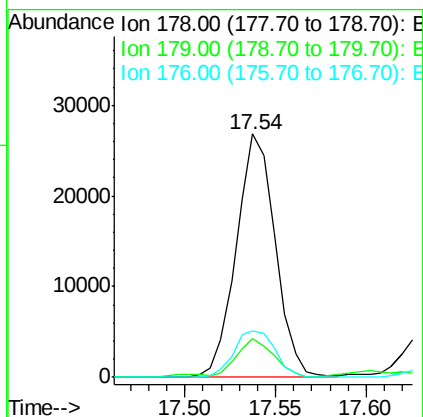
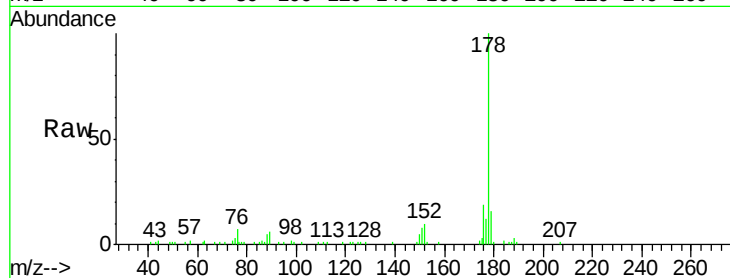




#14
Phenanthrene
Concen: 1.92 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG031105.D
Acq: 18 Nov 2017 5:27

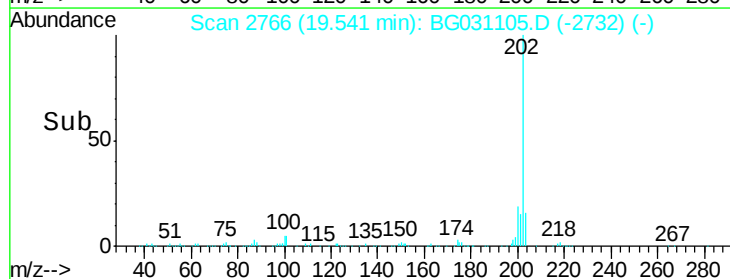
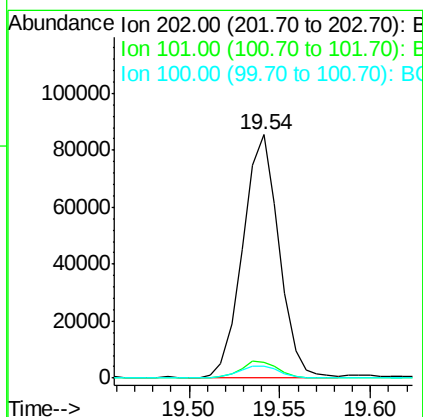
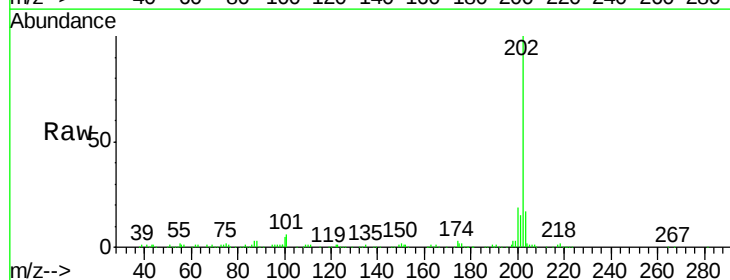
Instrument :
BNA_G
ClientSampleId :
B0FP9

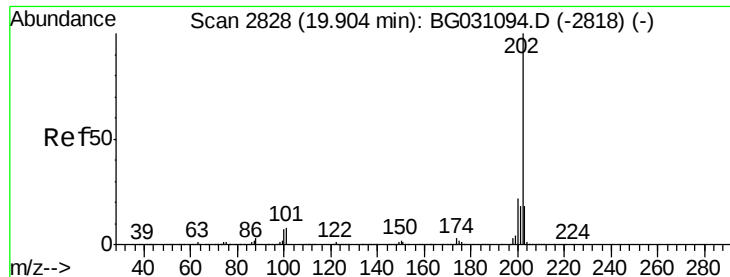
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.1	16.4	24.6



#17
Fluoranthene
Concen: 4.09 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031105.D
Acq: 18 Nov 2017 5:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	9.8	14.8#
100	4.8	7.5	11.3#

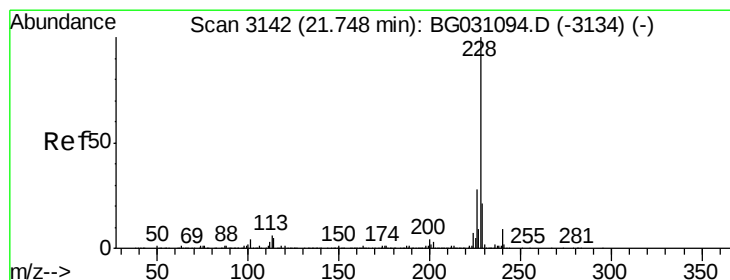
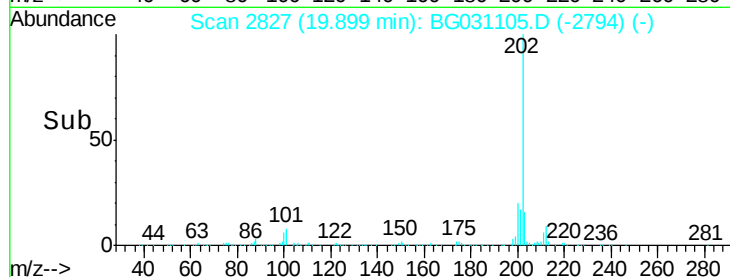
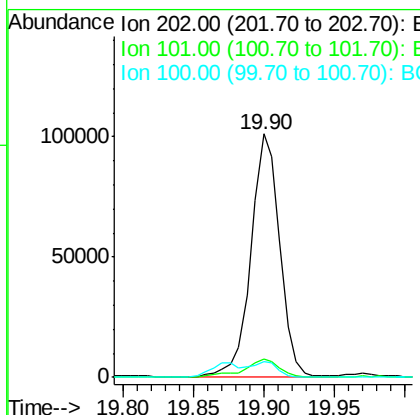
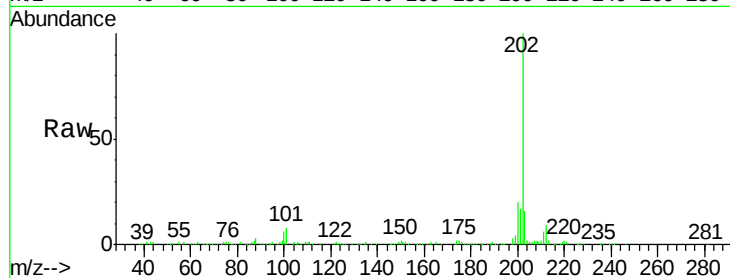




#20
Pvrene
Concen: 6.46 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BG031105.D
Acq: 18 Nov 2017 5:27

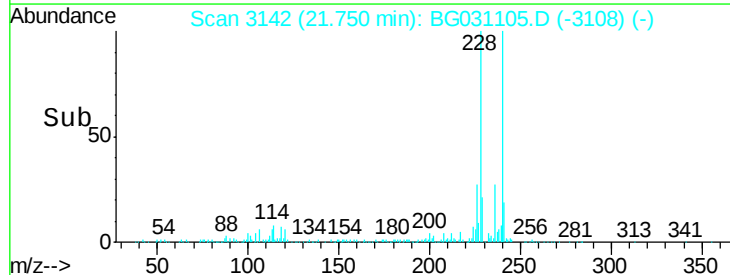
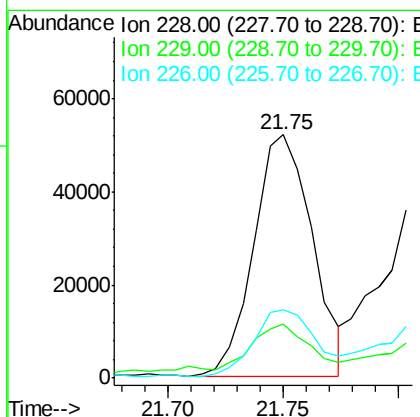
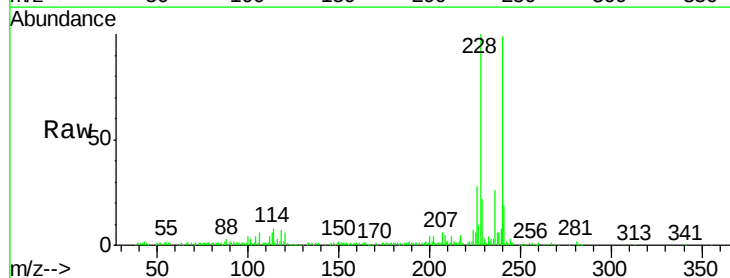
Instrument :
BNA_G
ClientSampleId :
B0FP9

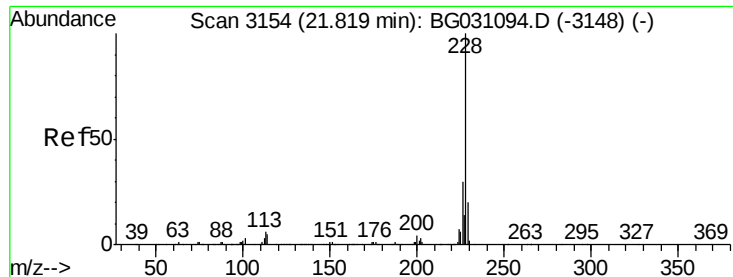
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	11.2	16.8#
100	6.4	9.8	14.6#



#21
Benzo(a)anthracene
Concen: 3.58 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG031105.D
Acq: 18 Nov 2017 5:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.9	23.9
226	28.2	22.1	33.1





#22

Chrysene

Concen: 5.09 ng/ul

RT: 21.81 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG031105.D

Acq: 18 Nov 2017 5:27

Instrument :

BNA_G

ClientSampleId :

B0FP9

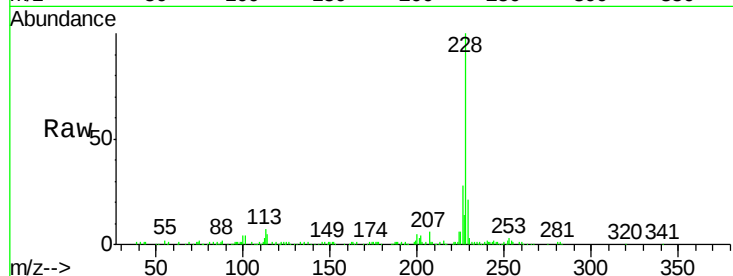
Tot Ion:228 Resp: 124084

Ion Ratio Lower Upper

228 100

226 28.5 25.0 37.6

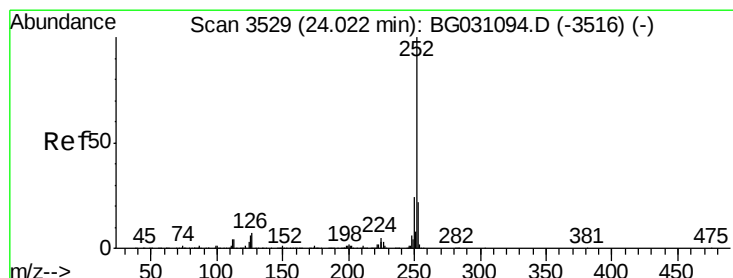
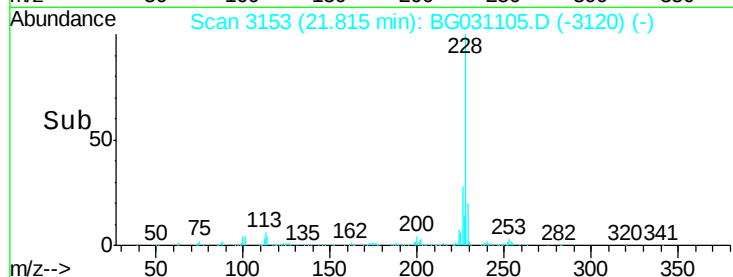
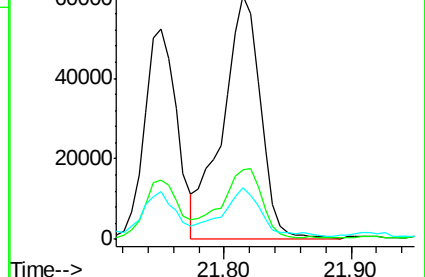
229 21.2 16.6 25.0



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: 5.32 ng/ul

RT: 24.02 min Scan# 3529

Delta R.T. 0.00 min

Lab File: BG031105.D

Acq: 18 Nov 2017 5:27

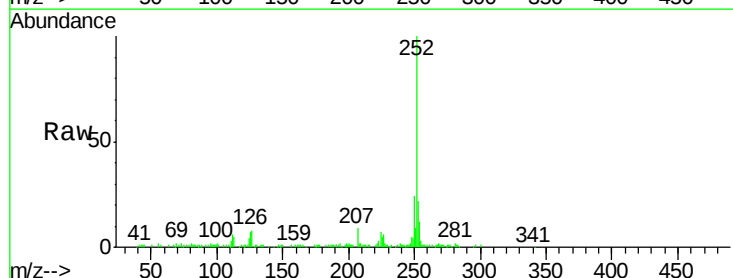
Tgt Ion:252 Resp: 132220

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

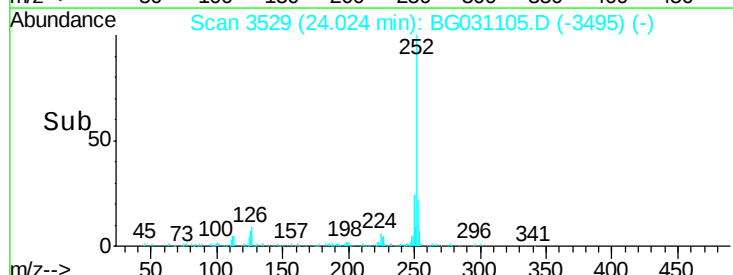
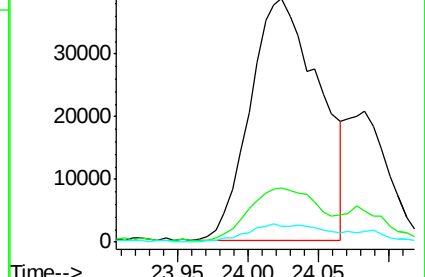
125 6.7 9.4 14.0#

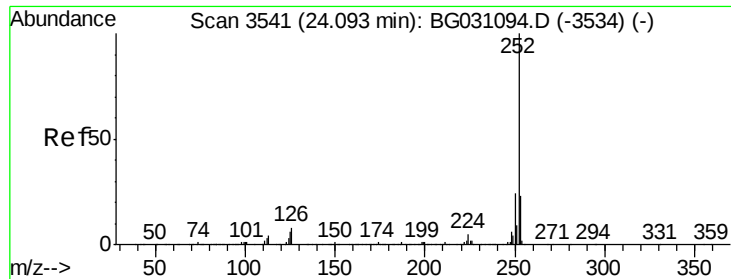


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 5.40 ng/ul

RT: 24.02 min Scan# 3529

Delta R.T. -0.07 min

Lab File: BG031105.D

Acq: 18 Nov 2017 5:27

Instrument :

BNA_G

ClientSampled :

B0FP9

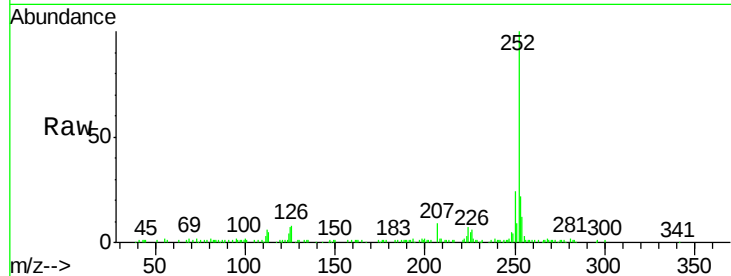
Tot Ion:252 Resp: 132220

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

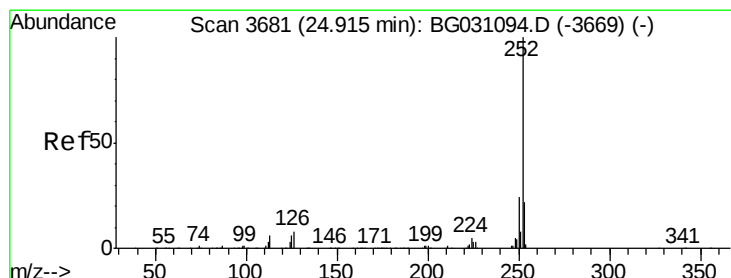
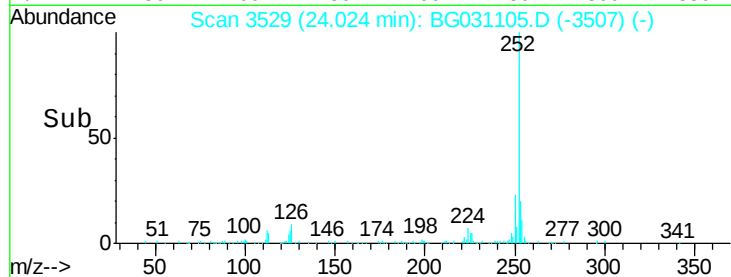
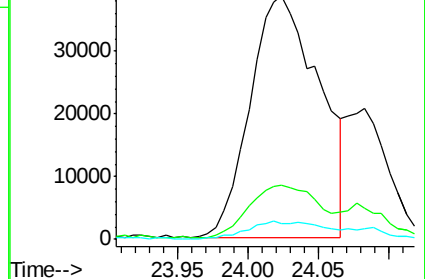
125 6.7 8.8 13.2#



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: 3.09 ng/ul

RT: 24.76 min Scan# 3654

Delta R.T. -0.16 min

Lab File: BG031105.D

Acq: 18 Nov 2017 5:27

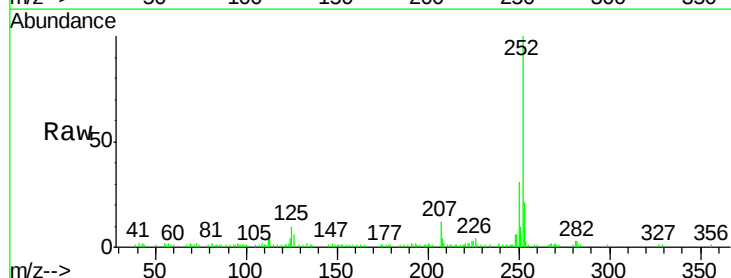
Tgt Ion:252 Resp: 73722

Ion Ratio Lower Upper

252 100

253 20.8 17.1 25.7

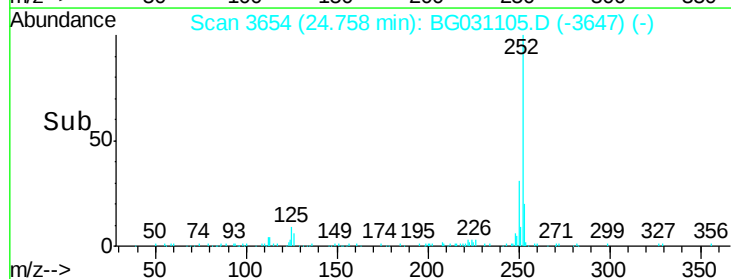
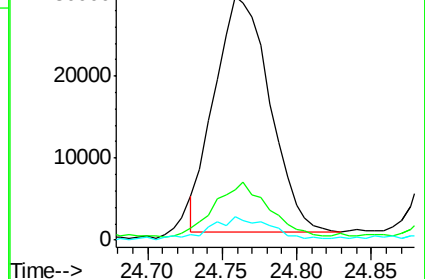
125 9.8 9.4 14.2

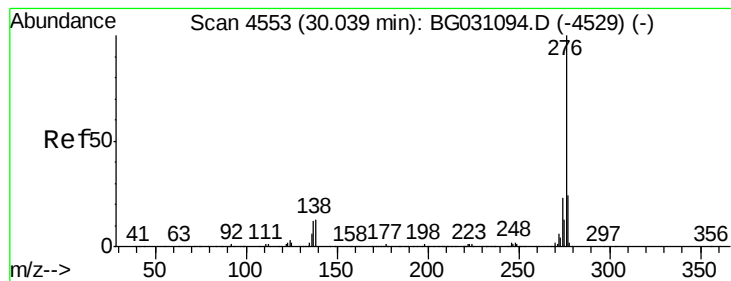


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#30

Benzo(a,h,i)perylene

Concen: 1.32 ng/ul

RT: 30.03 min Scan# 4551

Delta R.T. -0.01 min

Lab File: BG031105.D

Acq: 18 Nov 2017 5:27

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BNA_G

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B0FP9

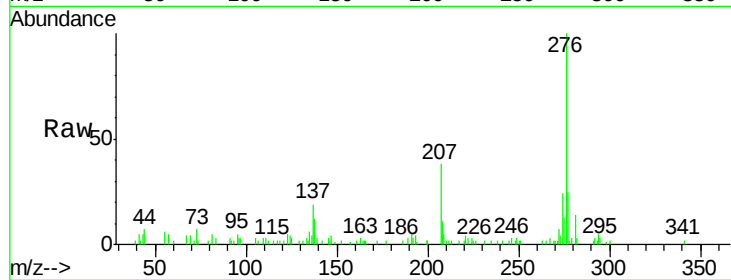
Tot Ion:276 Resp: 29902

Ion Ratio Lower Upper

276 100

138 12.3 19.0 28.4#

277 24.5 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

