

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029129.D
 Acq On : 10 Oct 2017 5:18
 Operator : SJ/JU
 Sample : I5578-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAHA7

Quant Time: Oct 10 06:37:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration

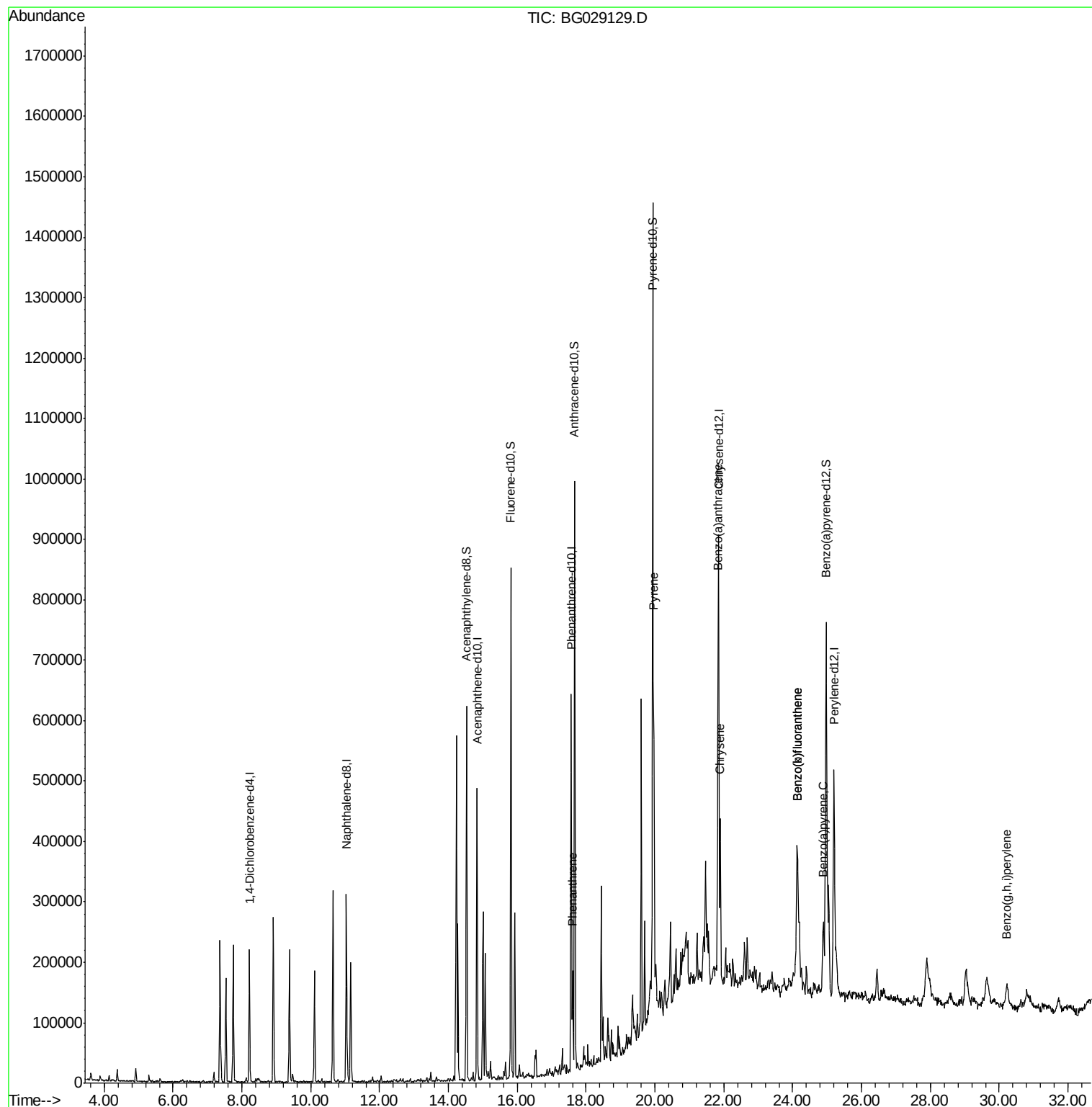
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	61188	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	260850	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	172277	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	397024	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	411033	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	434832	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	465431	25.98	ng/ul	0.00
10) Fluorene-d10	15.81	176	366536	28.21	ng/ul	0.00
14) Anthracene-d10	17.67	188	565914	29.43	ng/ul	0.00
18) Pyrene-d10	19.94	212	675970	32.14	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.97	264	663368	31.85	ng/ul	0.02
Target Compounds						
13) Phenanthrene	17.61	178	108715	5.134	ng/ul	97
19) Pyrene	19.97	202	335795	13.106	ng/ul#	92
20) Benzo(a)anthracene	21.83	228	216433	8.941	ng/ul	98
21) Chrysene	21.89	228	205080	9.252	ng/ul	95
23) Benzo(b)fluoranthene	24.14	252	282922	10.876	ng/ul	97
24) Benzo(k)fluoranthene	24.14	252	295550	11.641	ng/ul	97
26) Benzo(a)pyrene	24.89	252	120889	4.785	ng/ul	99
29) Benzo(g,h,i)perylene	30.22	276	92814	3.925	ng/ul#	94

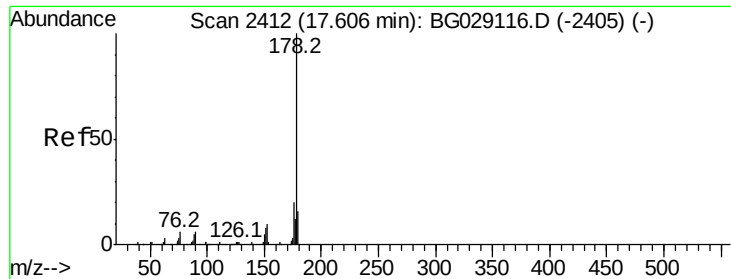
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 5.134 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG029129.D

Acq: 10 Oct 2017 5:18

Instrument :

BNA_G

ClientSampleId :

DAHA7

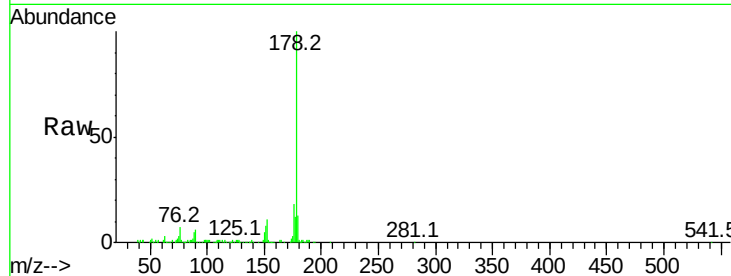
Tot Ion:178 Resp: 108715

Ion Ratio Lower Upper

178 100

179 13.4 12.3 18.5

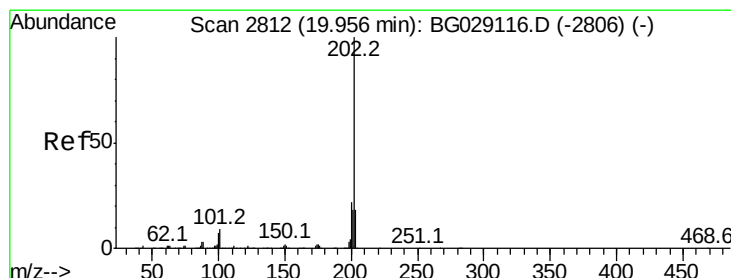
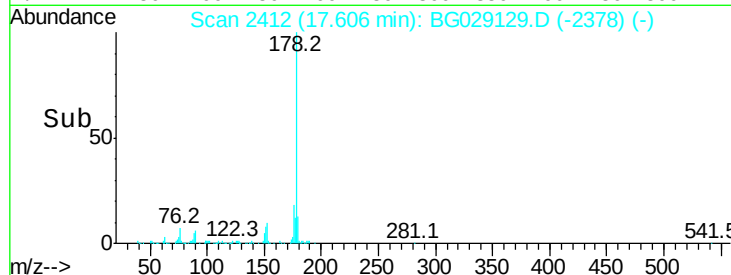
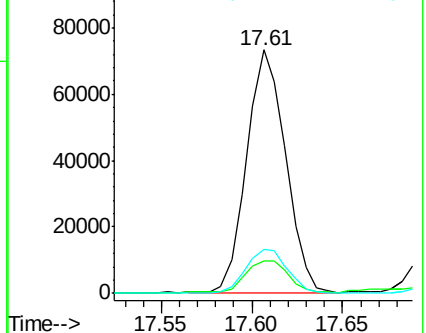
176 17.9 15.1 22.7



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



#19

Pyrene

Concen: 13.106 ng/ul

RT: 19.97 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG029129.D

Acq: 10 Oct 2017 5:18

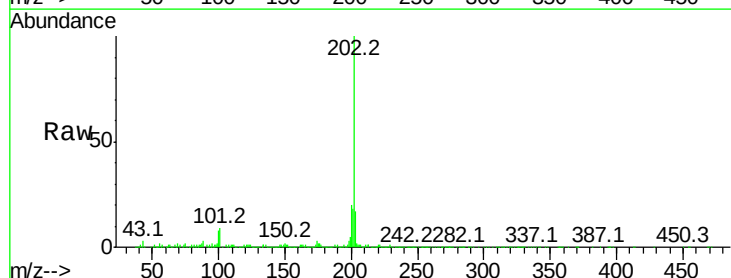
Tgt Ion:202 Resp: 335795

Ion Ratio Lower Upper

202 100

101 9.1 11.0 16.4#

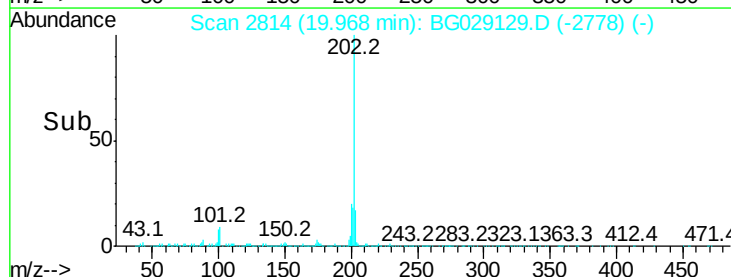
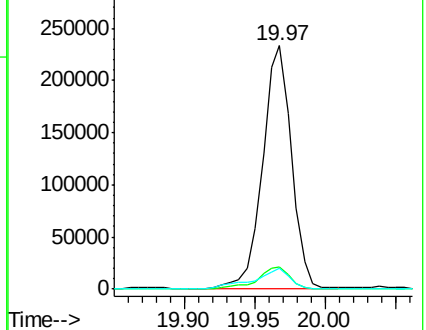
100 8.4 8.1 12.1

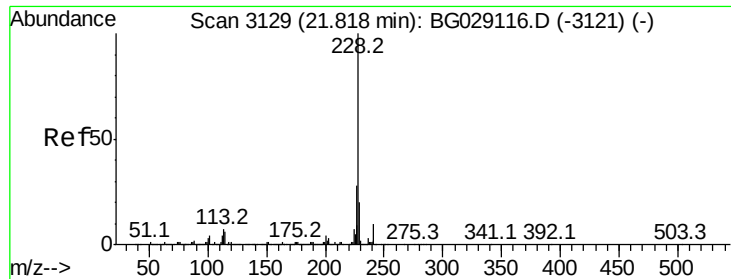


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 8.941 ng/ul

RT: 21.83 min Scan# 3131

Delta R.T. 0.01 min

Lab File: BG029129.D

Acq: 10 Oct 2017 5:18

Instrument :

BNA_G

ClientSampleId :

DAHA7

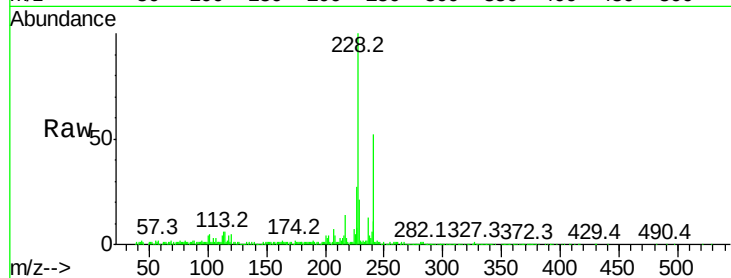
Tot Ion:228 Resp: 216433

Ion Ratio Lower Upper

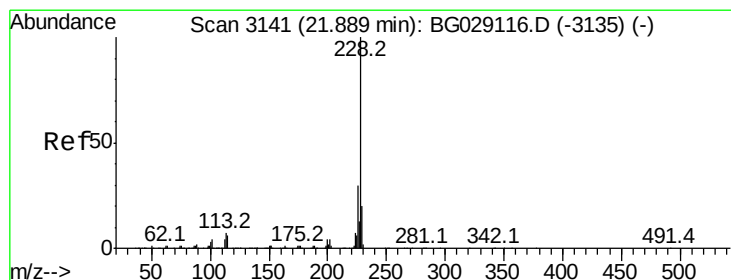
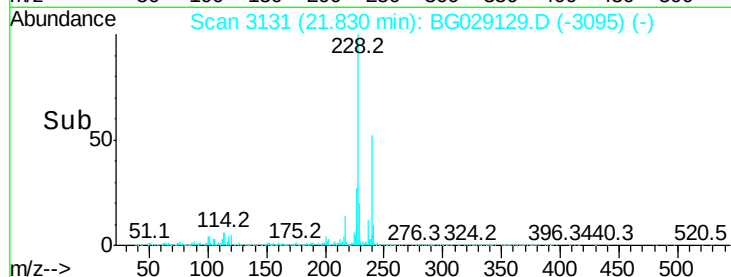
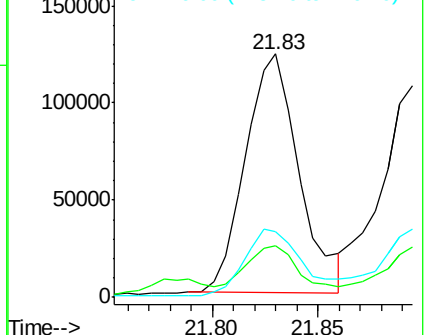
228 100

229 21.1 15.7 23.5

226 27.1 21.1 31.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#21

Chrysene

Concen: 9.252 ng/ul

RT: 21.89 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG029129.D

Acq: 10 Oct 2017 5:18

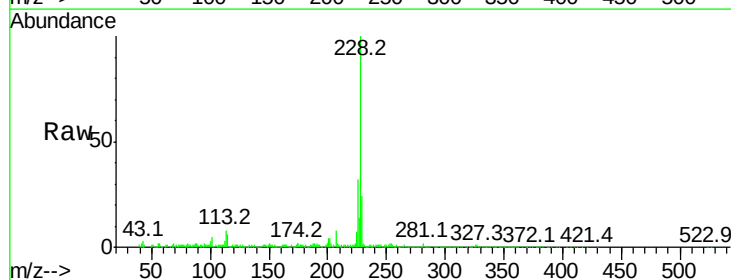
Tgt Ion:228 Resp: 205080

Ion Ratio Lower Upper

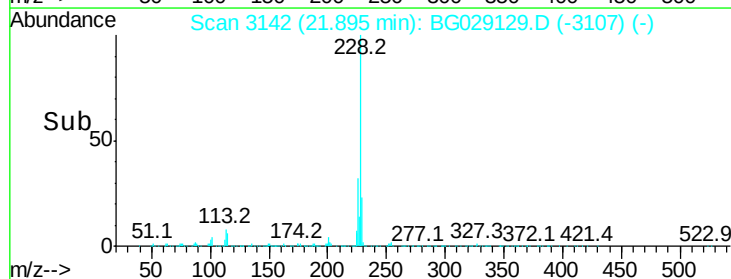
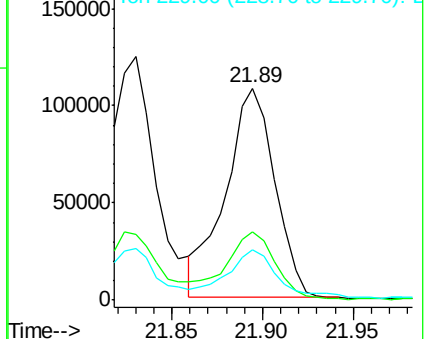
228 100

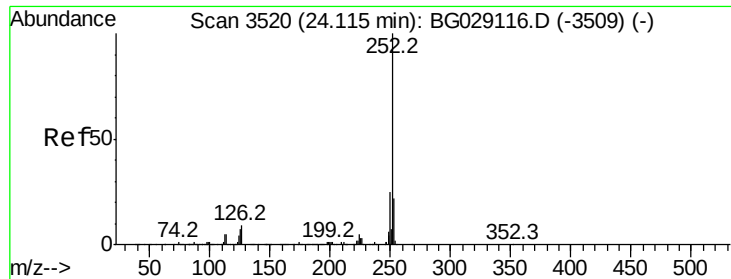
226 32.2 24.5 36.7

229 23.6 15.8 23.8



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





#23

Benzo(b)fluoranthene

Concen: 10.876 ng/ul

RT: 24.14 min Scan# 3524

Delta R.T. 0.02 min

Lab File: BG029129.D

Acq: 10 Oct 2017 5:18

Instrument :

BNA_G

ClientSampleId :

DAHA7

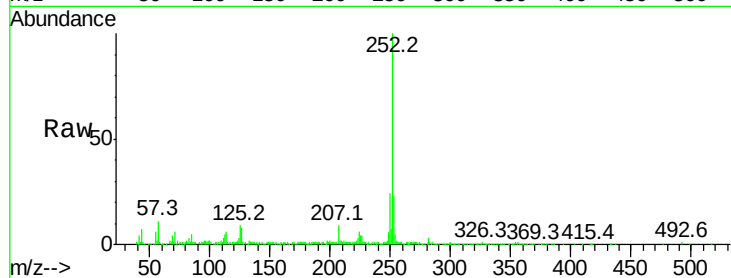
Tot Ion:252 Resp: 282922

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

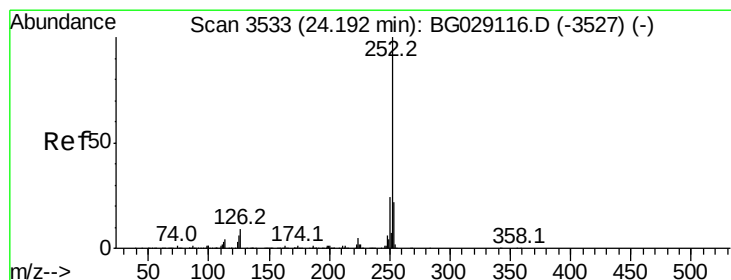
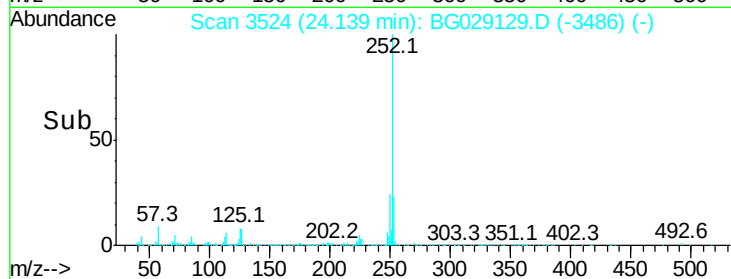
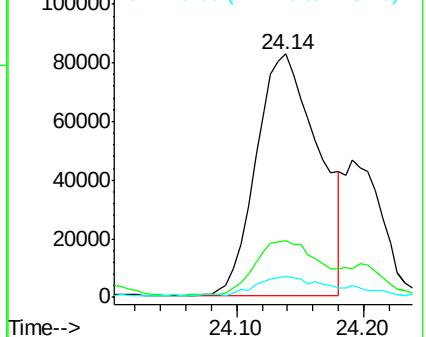
125 8.5 8.0 12.0



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



#24

Benzo(k)fluoranthene

Concen: 11.641 ng/ul

RT: 24.14 min Scan# 3524

Delta R.T. -0.05 min

Lab File: BG029129.D

Acq: 10 Oct 2017 5:18

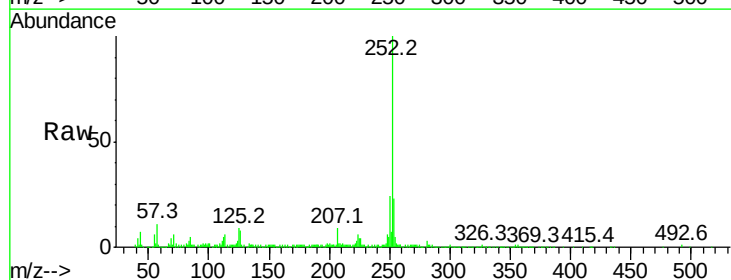
Tgt Ion:252 Resp: 295550

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

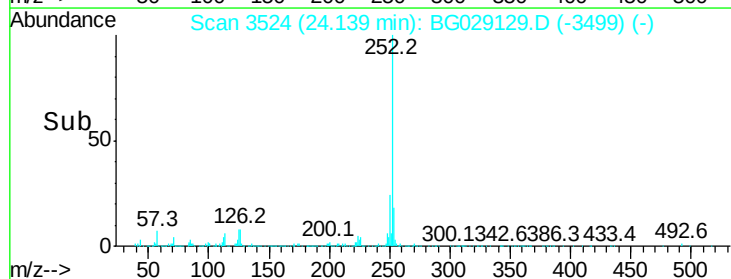
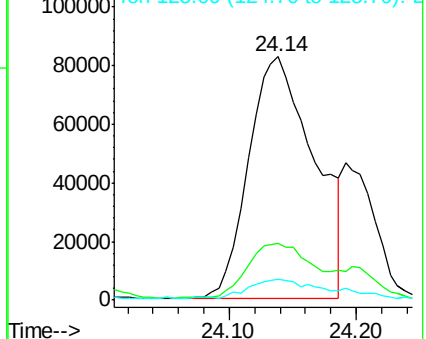
125 8.5 8.1 12.1

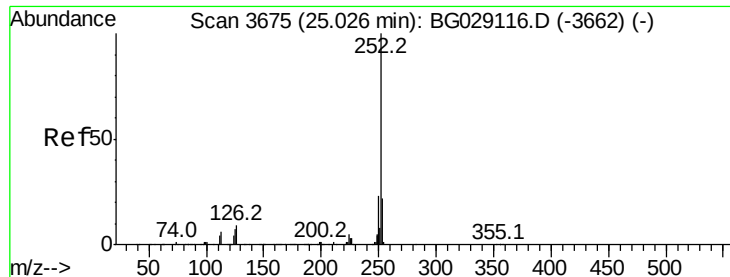


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.785 ng/ul

RT: 24.89 min Scan# 3652

Delta R.T. -0.14 min

Lab File: BG029129.D

Acq: 10 Oct 2017 5:18

Instrument :

BNA_G

ClientSampled :

DAHA7

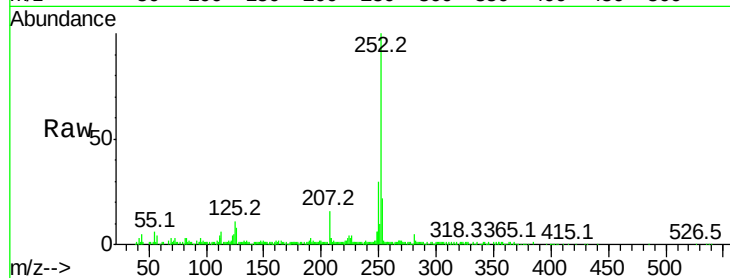
Tot Ion:252 Resp: 120889

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

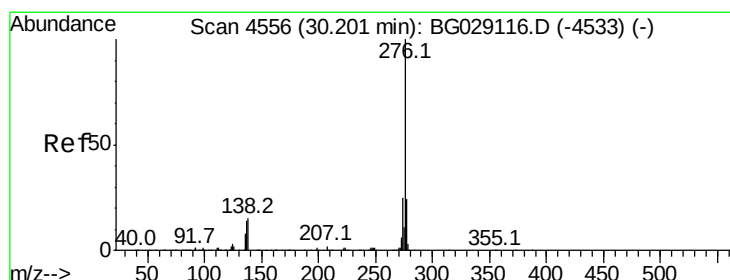
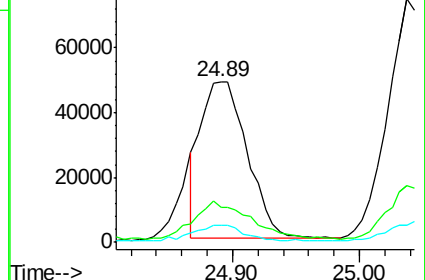
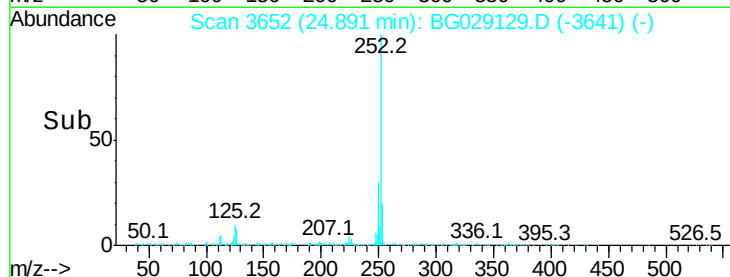
125 10.7 8.2 12.4



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



#29

Benzo(g,h,i)perylene

Concen: 3.925 ng/ul

RT: 30.22 min Scan# 4560

Delta R.T. 0.02 min

Lab File: BG029129.D

Acq: 10 Oct 2017 5:18

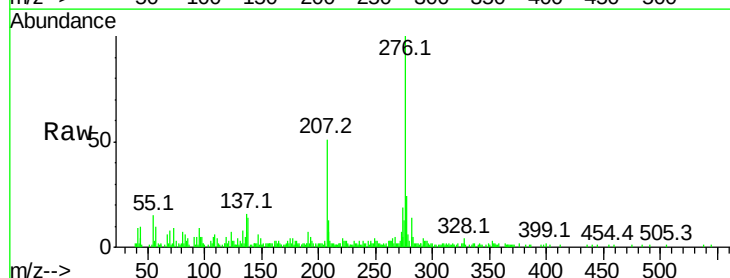
Tgt Ion:276 Resp: 92814

Ion Ratio Lower Upper

276 100

138 14.0 15.3 22.9#

277 24.2 19.0 28.4



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

