

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029110.D
 Acq On : 9 Oct 2017 16:38
 Operator : SJ/JU
 Sample : I5579-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAHB6

Quant Time: Oct 10 04:48:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration

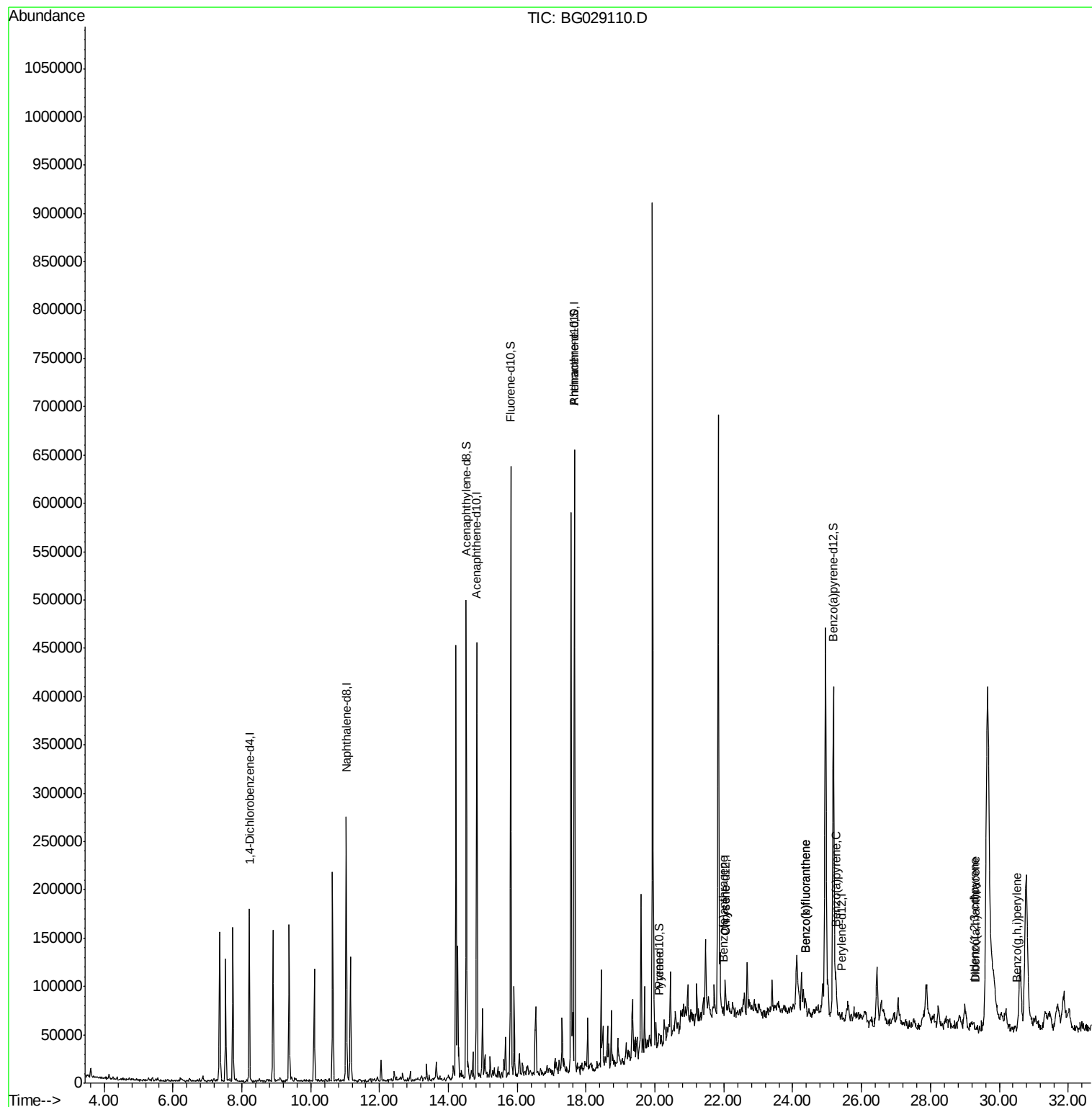
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	49688	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	227979	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	154695	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.66	188	391678	20.00	ng/ul	0.10
17) Chrysene-d12	22.03	240	705	20.00	ng/ul	0.19
22) Perylene-d12	25.42	264	225	20.00	ng/ul	0.24
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	359466	22.34	ng/ul	0.00
10) Fluorene-d10	15.81	176	268850	23.04	ng/ul	0.00
14) Anthracene-d10	17.66	188	391662	20.64	ng/ul	0.00
18) Pyrene-d10	20.10	212	442	12.25	ng/ul	0.17
25) Benzo(a)pyrene-d12	25.18	264	376257	34907.53	ng/ul	0.23
Target Compounds						
19) Pyrene	20.12	202	1045	23.779	ng/ul#	69
20) Benzo(a)anthracene	22.00	228	349	8.406	ng/ul#	1
21) Chrysene	22.05	228	4002	105.266	ng/ul#	28
23) Benzo(b)fluoranthene	24.38	252	9093	675.544	ng/ul#	69
24) Benzo(k)fluoranthene	24.38	252	10326	786.013	ng/ul#	69
26) Benzo(a)pyrene	25.26	252	10887	832.721	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	29.28	276	392	26.418	ng/ul#	1
28) Dibenzo(a,h)anthracene	29.31	278	603	49.082	ng/ul#	1
29) Benzo(g,h,i)perylene	30.51	276	436	35.633	ng/ul#	52

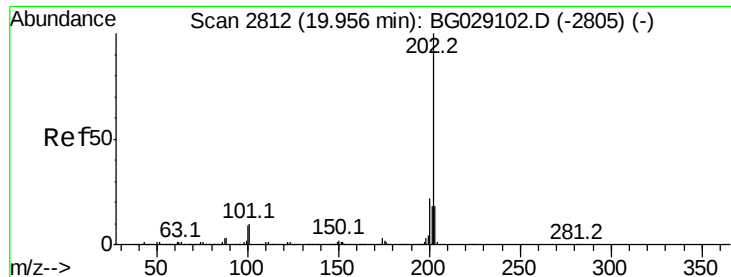
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Pvrene

Concen: 23.779 ng/ul

RT: 20.12 min Scan# 2840

Delta R.T. 0.17 min

Lab File: BG029110.D

Acq: 9 Oct 2017 16:38

Instrument :

BNA_G

ClientSampleId :

DAHB6

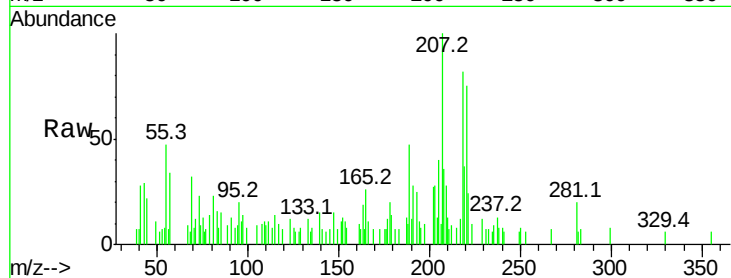
Tot Ion:202 Resp: 1045

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

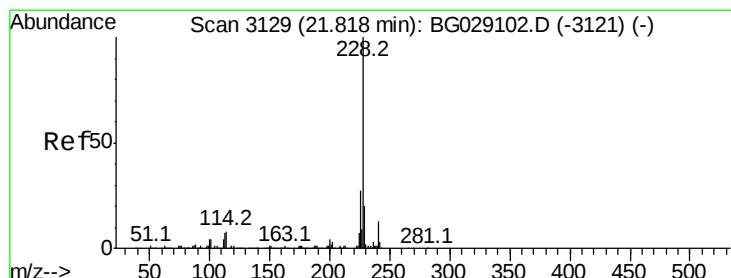
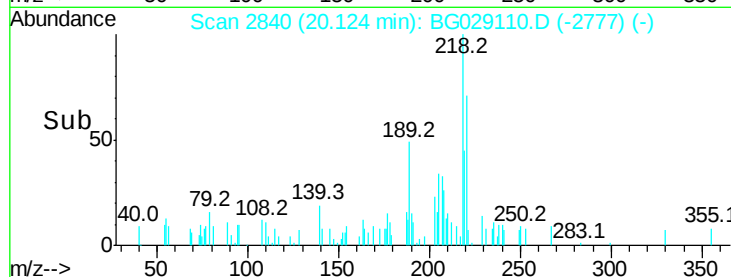
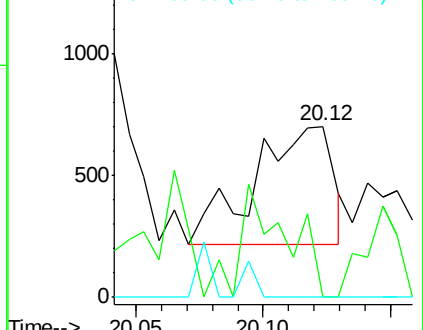
100 0.0 8.1 12.1#



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): E



#20

Benzo(a)anthracene

Concen: 8.406 ng/ul

RT: 22.00 min Scan# 3159

Delta R.T. 0.18 min

Lab File: BG029110.D

Acq: 9 Oct 2017 16:38

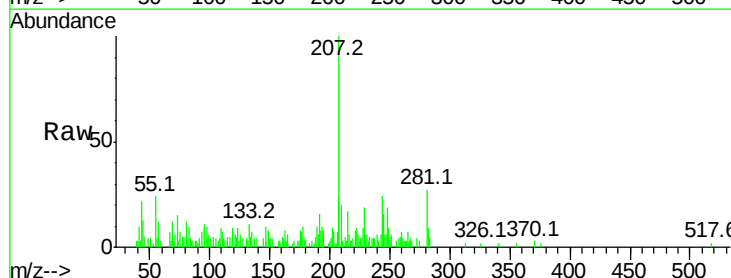
Tgt Ion:228 Resp: 349

Ion Ratio Lower Upper

228 100

229 207.8 15.7 23.5#

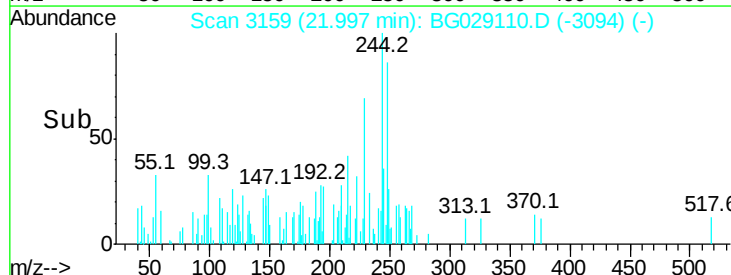
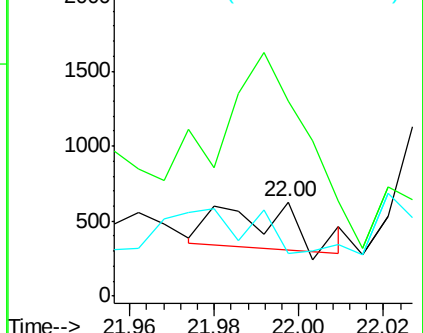
226 44.7 21.1 31.7#

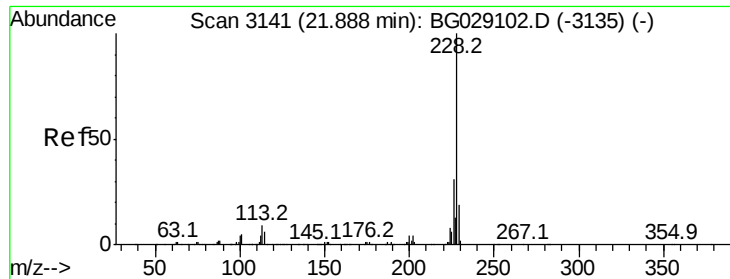


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 105.266 ng/ul

RT: 22.05 min Scan# 3168

Delta R.T. 0.16 min

Lab File: BG029110.D

Acq: 9 Oct 2017 16:38

Instrument :

BNA_G

ClientSampleId :

DAHB6

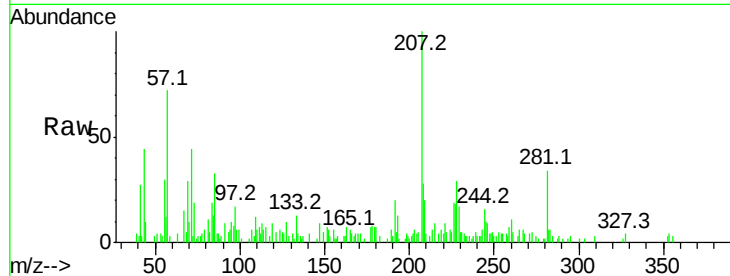
Tot Ion:228 Resp: 4002

Ion Ratio Lower Upper

228 100

226 65.0 24.5 36.7#

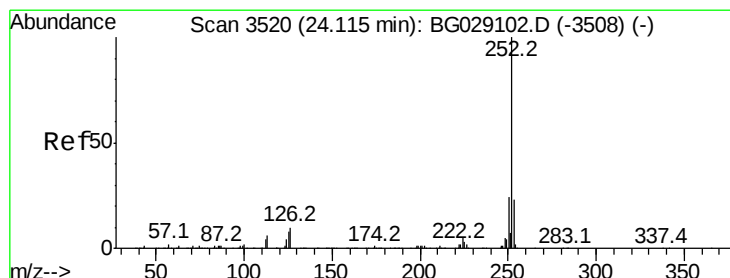
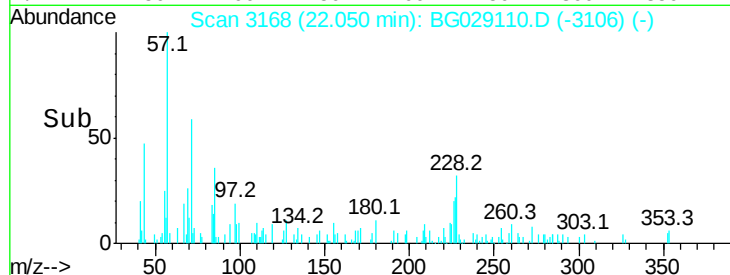
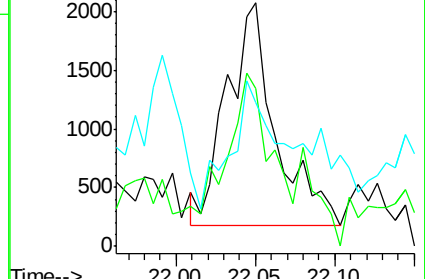
229 58.8 15.8 23.8#



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: 675.544 ng/ul

RT: 24.38 min Scan# 3564

Delta R.T. 0.26 min

Lab File: BG029110.D

Acq: 9 Oct 2017 16:38

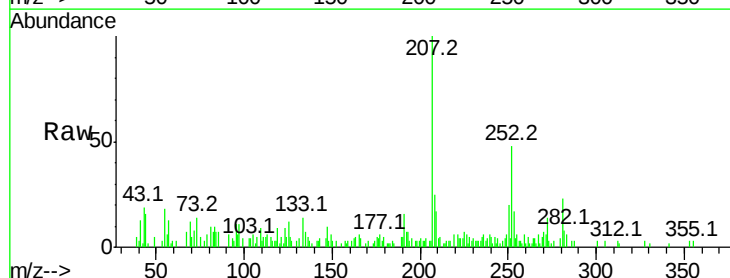
Tgt Ion:252 Resp: 9093

Ion Ratio Lower Upper

252 100

253 35.7 18.0 27.0#

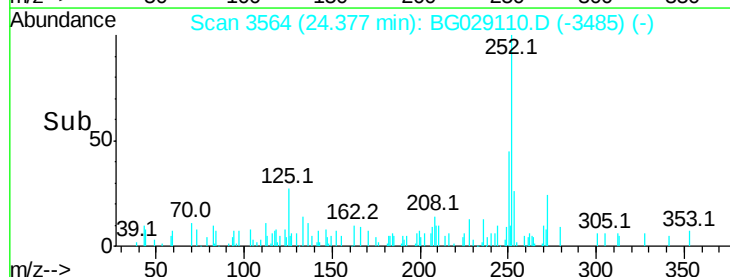
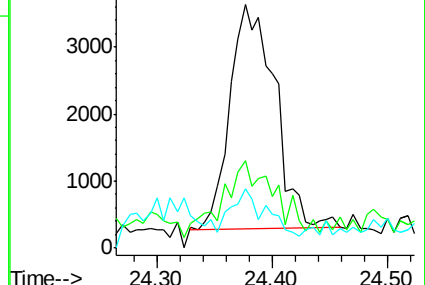
125 24.4 8.0 12.0#

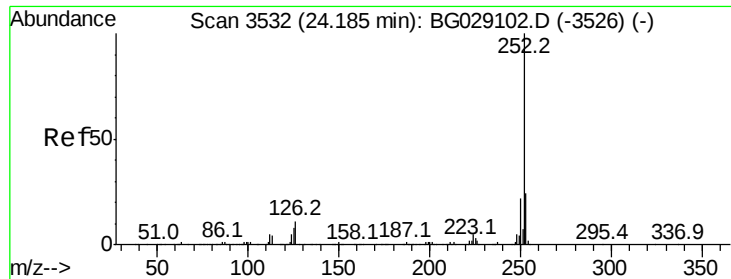


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

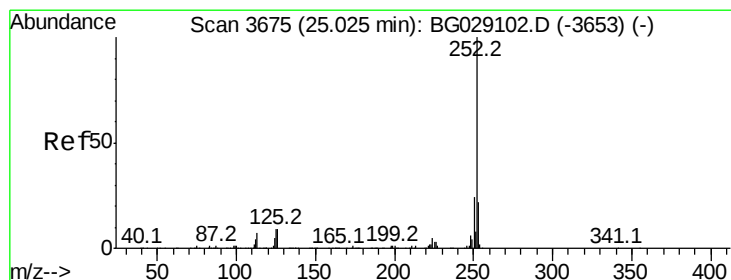
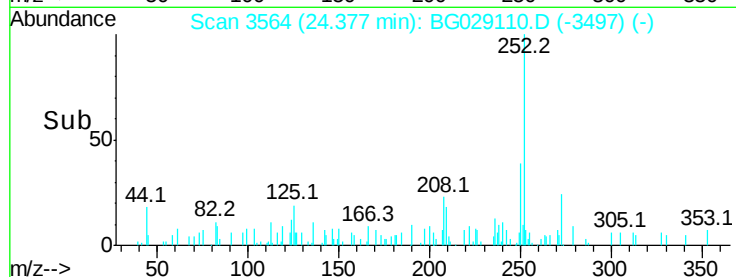
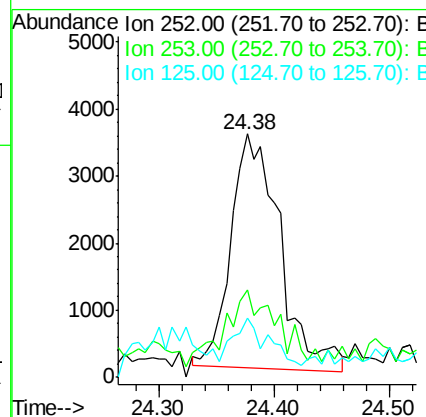
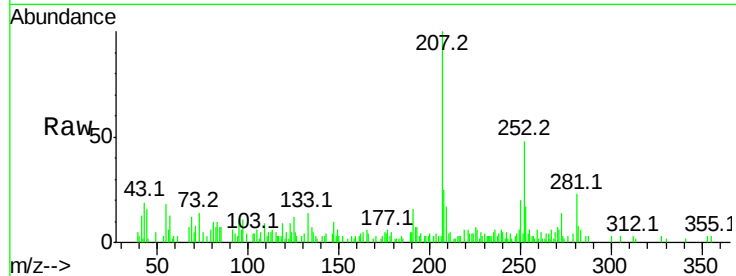




#24
Benzo(k)fluoranthene
Concen: 786.013 ng/ul
RT: 24.38 min Scan# 3564
Delta R.T. 0.19 min
Lab File: BG029110.D
Acq: 9 Oct 2017 16:38

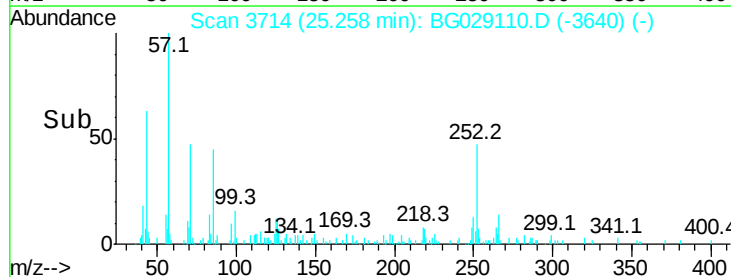
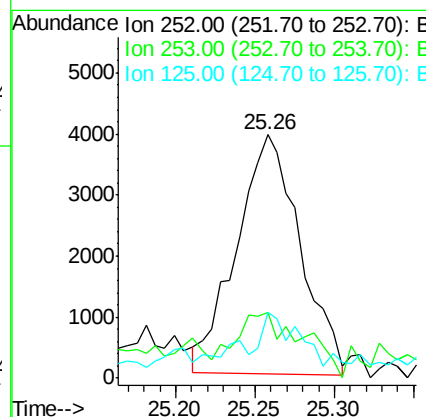
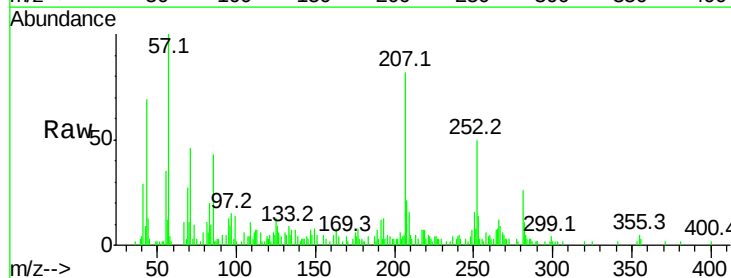
Instrument :
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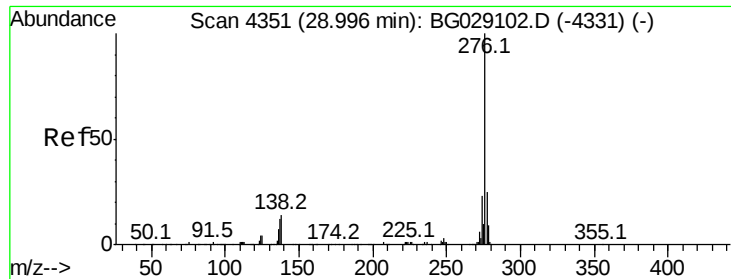
Tot Ion	Ratio	Lower	Upper
252	100		
253	35.7	18.0	27.0#
125	24.4	8.1	12.1#



#26
Benzo(a)pyrene
Concen: 832.721 ng/ul
RT: 25.26 min Scan# 3714
Delta R.T. 0.23 min
Lab File: BG029110.D
Acq: 9 Oct 2017 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.2	25.8#
125	26.7	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 26.418 ng/ul

RT: 29.28 min Scan# 4399

Delta R.T. 0.29 min

Lab File: BG029110.D

Acq: 9 Oct 2017 16:38

Instrument :

BNA_G

ClientSampleId :

DAHB6

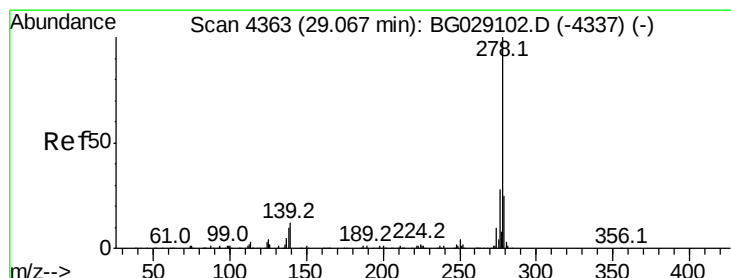
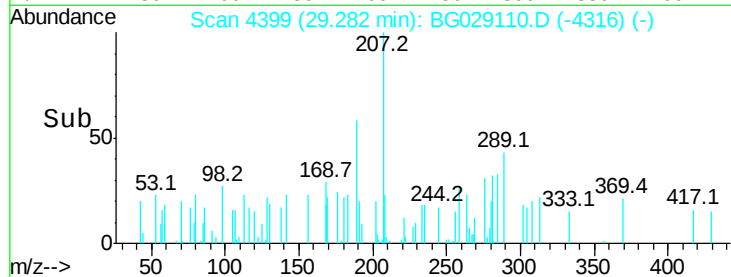
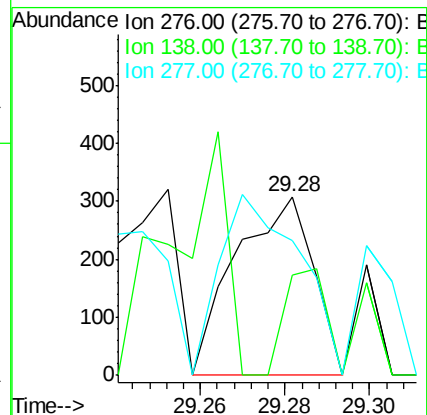
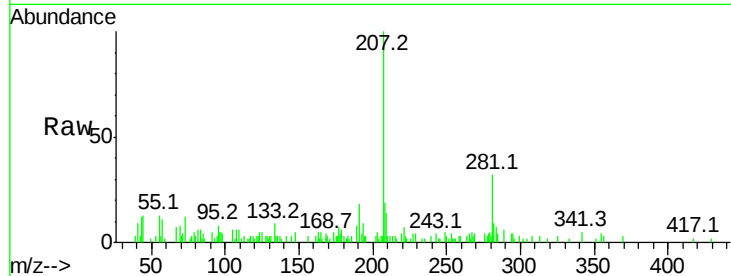
Tot Ion:276 Resp: 392

Ion Ratio Lower Upper

276 100

138 55.8 14.4 21.6#

277 75.3 18.0 27.0#



#28

Dibenzo(a,h)anthracene

Concen: 49.082 ng/ul

RT: 29.31 min Scan# 4404

Delta R.T. 0.24 min

Lab File: BG029110.D

Acq: 9 Oct 2017 16:38

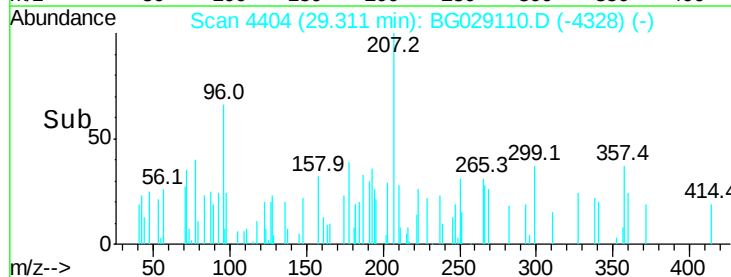
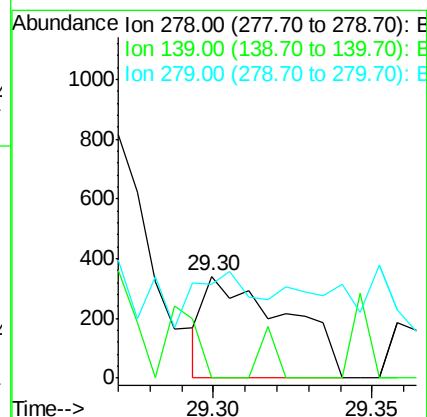
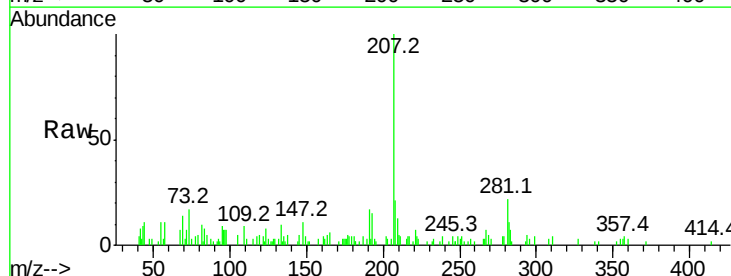
Tgt Ion:278 Resp: 603

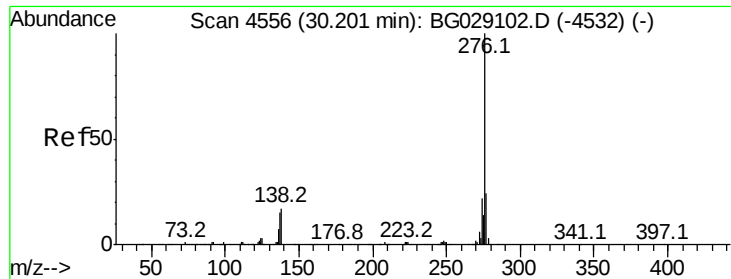
Ion Ratio Lower Upper

278 100

139 0.0 12.2 18.4#

279 92.5 19.2 28.8#





#29

Benzo(a,h,i)perylene

Concen: 35.633 ng/ul

RT: 30.51 min Scan# 4608

Delta R.T. 0.31 min

Lab File: BG029110.D

Acq: 9 Oct 2017 16:38

Instrument :

BNA_G

ClientSampleId :

DAHB6

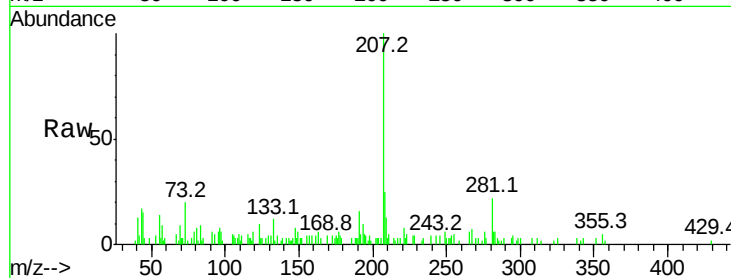
Tot Ion:276 Resp: 436

Ion Ratio Lower Upper

276 100

138 41.7 15.3 22.9#

277 46.8 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

