

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002603.D
 Acq On : 31 Aug 2015 23:40
 Operator : UM/IZ
 Sample : G3456-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E96

Quant Time: Sep 01 02:03:45 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	139943	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	629962	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	314126	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	581442	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	431678	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	428258	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	447440	13.93	ng/ul	0.00
10) Fluorene-d10	16.34	176	291366	12.92	ng/ul	0.00
14) Anthracene-d10	18.17	188	396784	14.15	ng/ul	0.00
18) Pyrene-d10	20.40	212	296598	15.50	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	241195	10.72	ng/ul	0.00

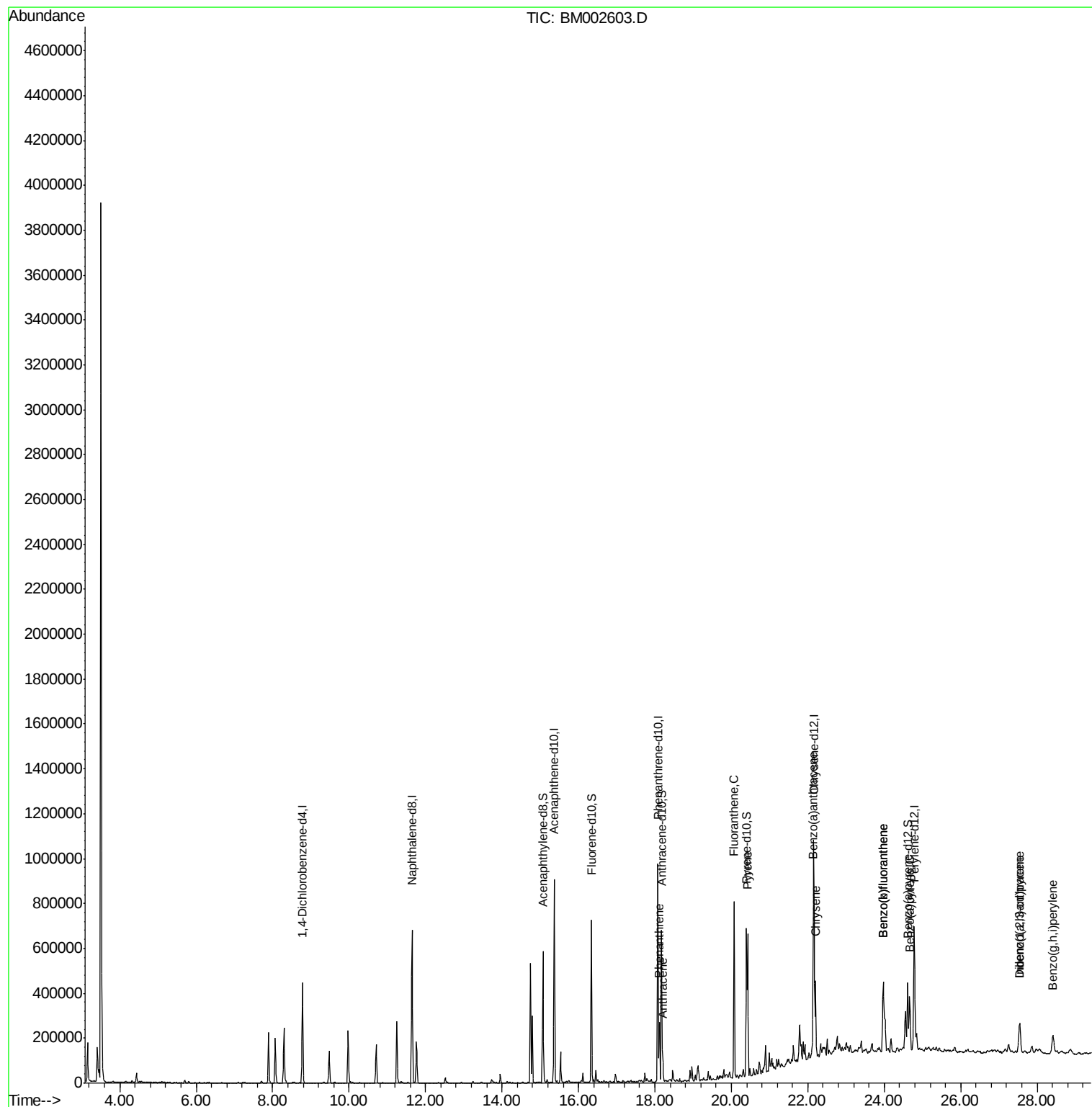
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	167689	4.99	ng/ul	99
15) Anthracene	18.21	178	50146	1.47	ng/ul	99
16) Fluoranthene	20.07	202	482994	12.71	ng/ul	96
19) Pyrene	20.43	202	366237	14.48	ng/ul	97
20) Benzo(a)anthracene	22.14	228	224862	8.71	ng/ul	98
21) Chrysene	22.20	228	202230	8.38	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	289829	11.19	ng/ul	98
24) Benzo(k)fluoranthene	23.97	252	82341	3.36	ng/ul	98
26) Benzo(a)pyrene	24.67	252	181220	7.33	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.54	276	133924	4.71	ng/ul	94
28) Dibenzo(a,h)anthracene	27.54	278	38275	1.61	ng/ul#	85
29) Benzo(g,h,i)perylene	28.41	276	102528	4.33	ng/ul	96

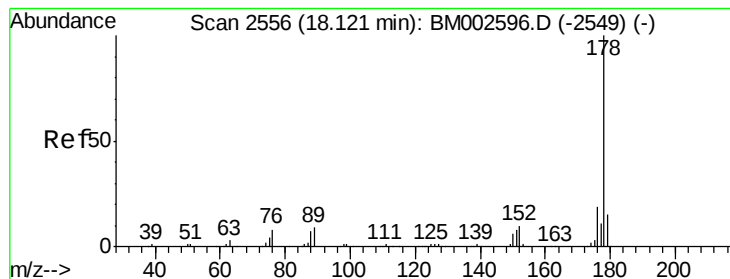
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002603.D
Acq On : 31 Aug 2015 23:40
Operator : UM/IZ
Sample : G3456-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E96

Quant Time: Sep 01 02:03:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration





#13

Phenanthrene

Concen: 4.99 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

Instrument :

BNA_M

ClientSampleId :

D9E96

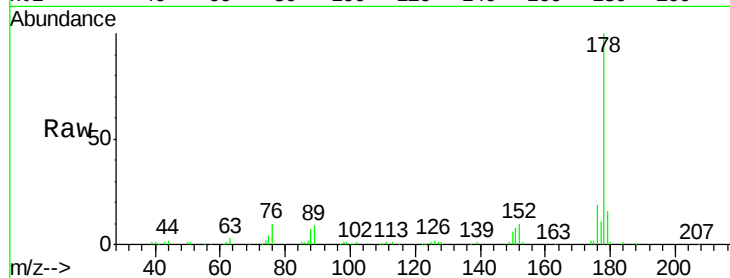
Tgt Ion:178 Resp: 167689

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

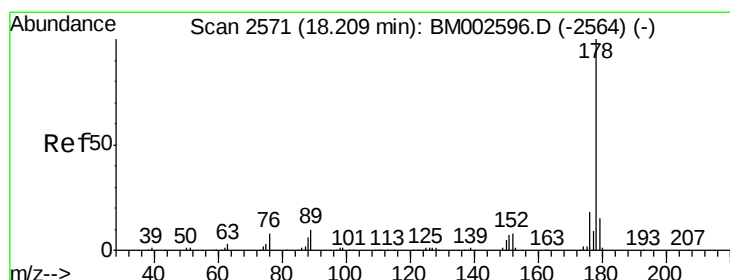
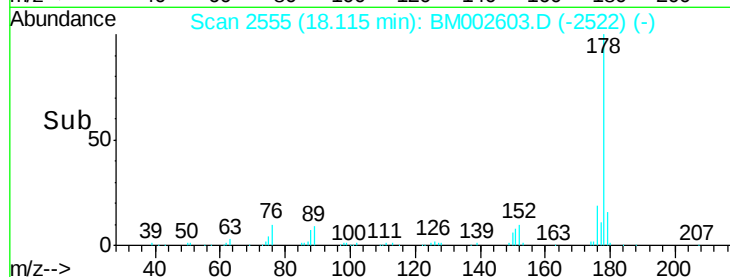
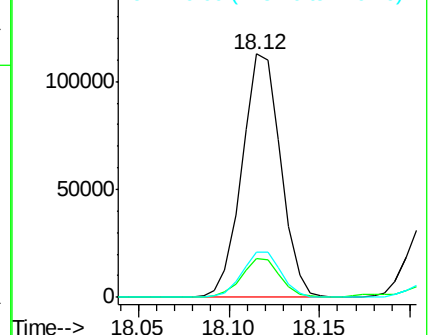
176 18.6 15.1 22.7



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



#15

Anthracene

Concen: 1.47 ng/ul

RT: 18.21 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

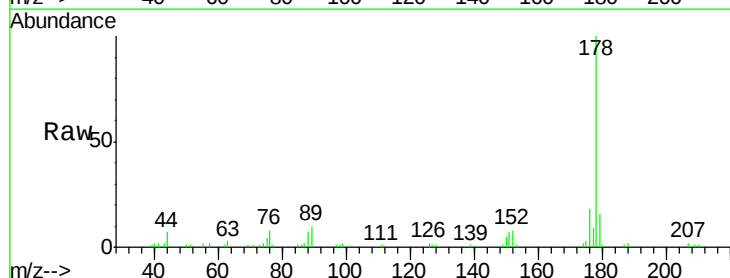
Tgt Ion:178 Resp: 50146

Ion Ratio Lower Upper

178 100

179 16.5 12.6 18.8

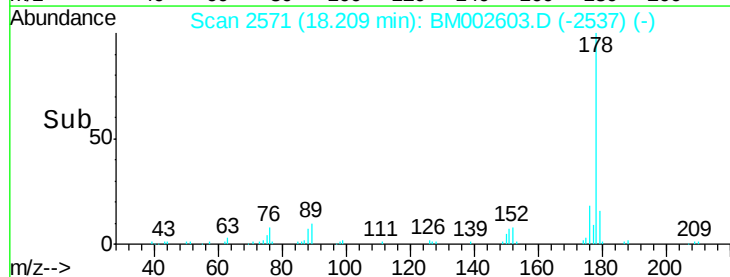
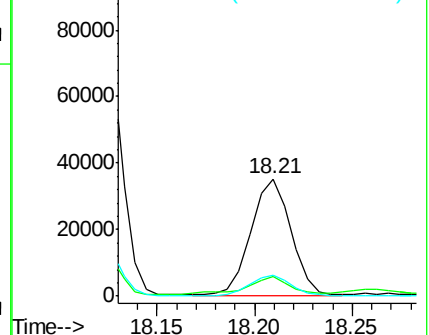
176 18.2 14.5 21.7

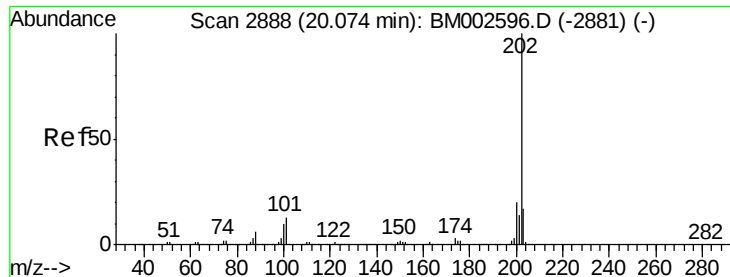


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 12.71 ng/ul

RT: 20.07 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

Instrument :

BNA_M

ClientSampleId :

D9E96

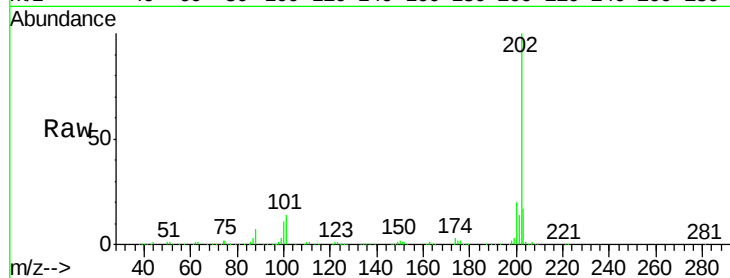
Tgt Ion:202 Resp: 482994

Ion Ratio Lower Upper

202 100

101 13.9 9.7 14.5

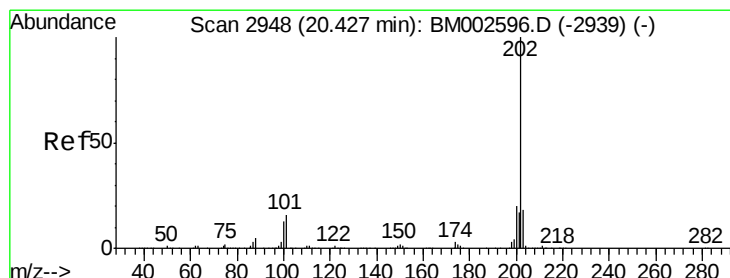
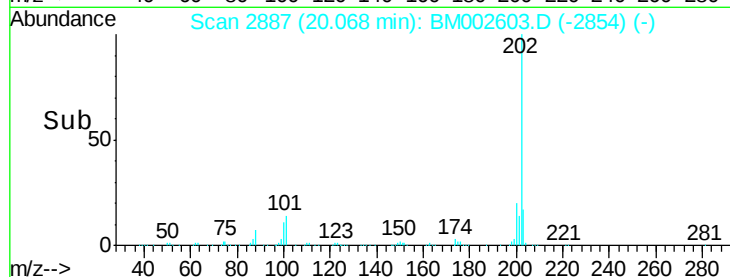
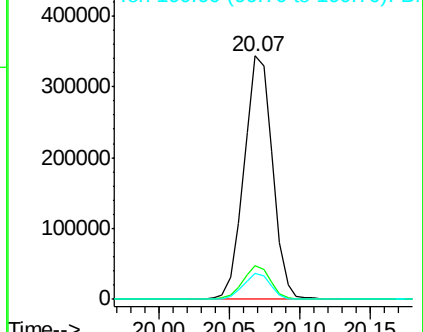
100 10.6 7.4 11.2



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



#19

Pyrene

Concen: 14.48 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

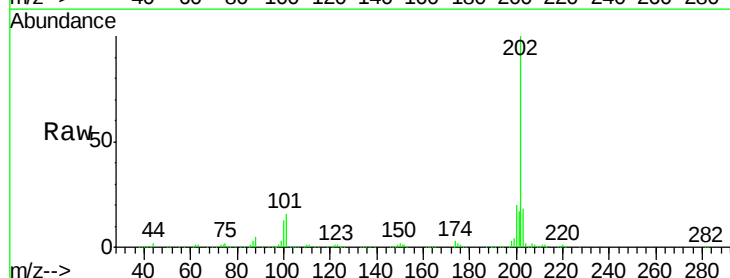
Tgt Ion:202 Resp: 366237

Ion Ratio Lower Upper

202 100

101 16.1 12.0 18.0

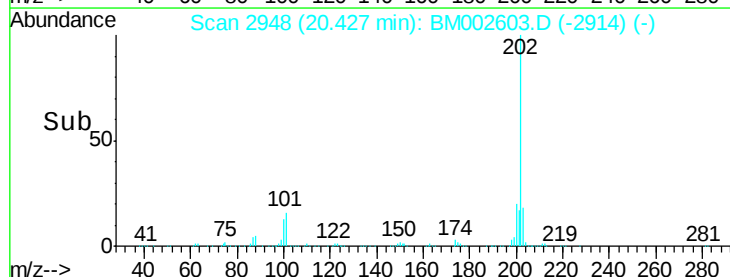
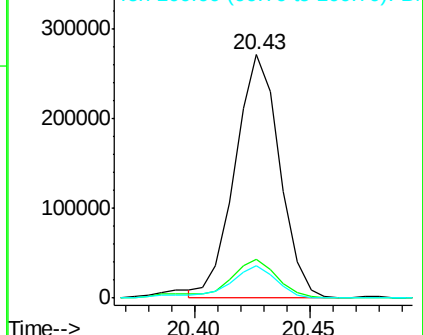
100 13.2 9.7 14.5

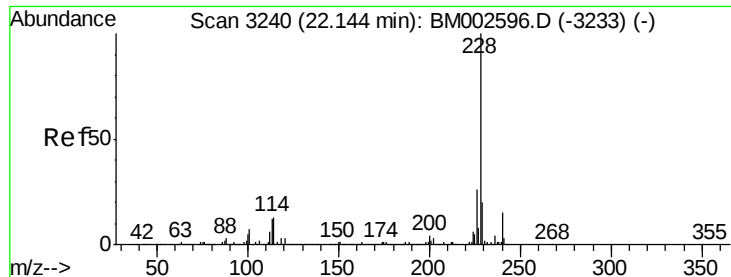


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 8.71 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

Instrument :

BNA_M

ClientSampleId :

D9E96

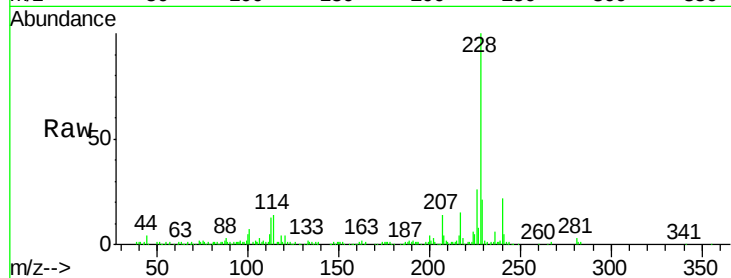
Tgt Ion:228 Resp: 224862

Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.6

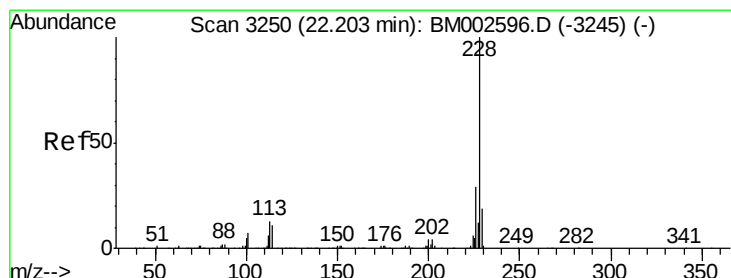
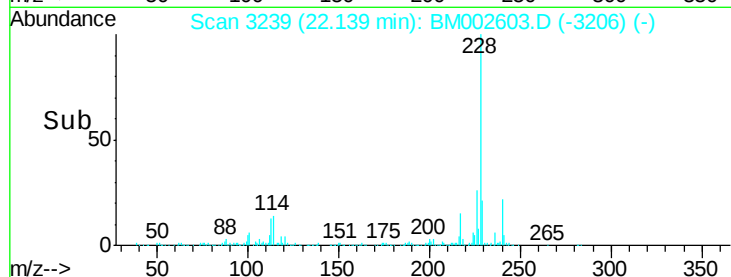
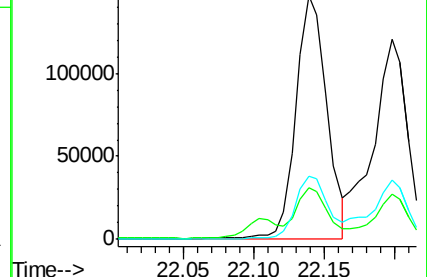
226 26.1 21.1 31.7



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: 8.38 ng/ul

RT: 22.20 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

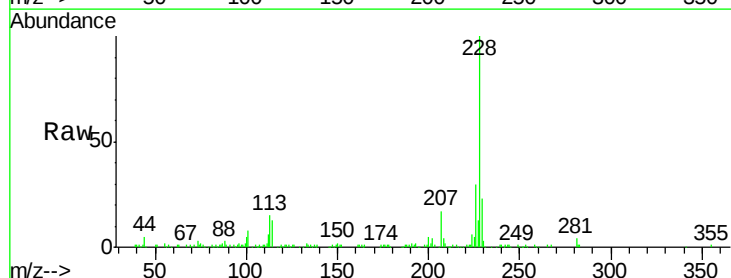
Tgt Ion:228 Resp: 202230

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

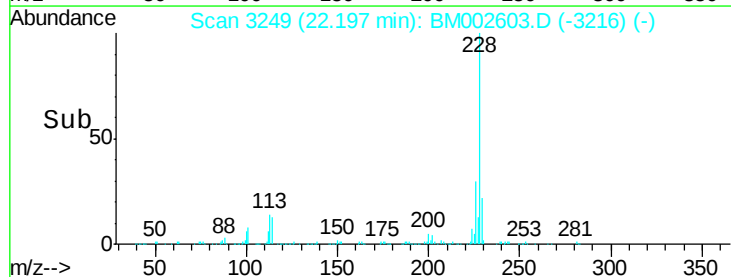
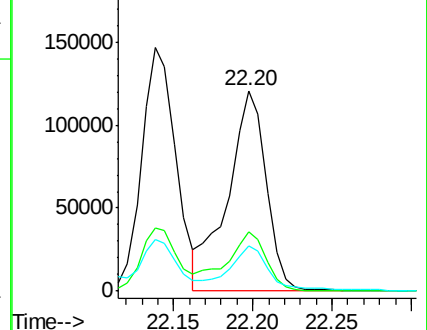
229 22.9 15.7 23.5

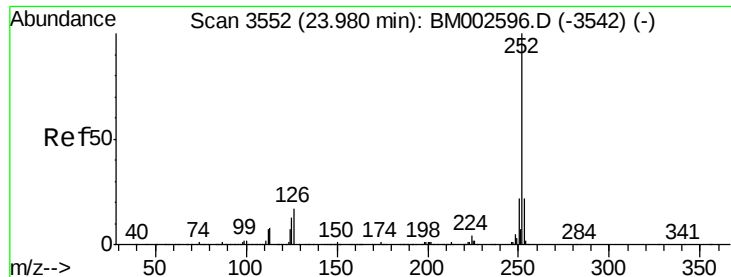


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

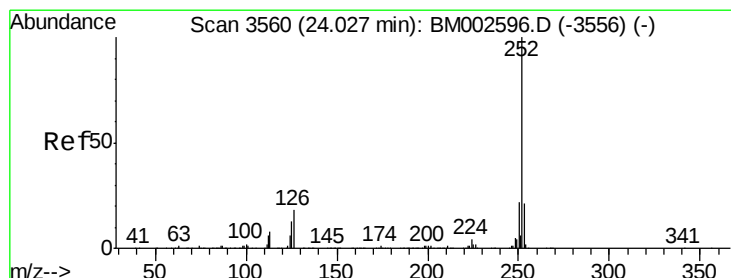
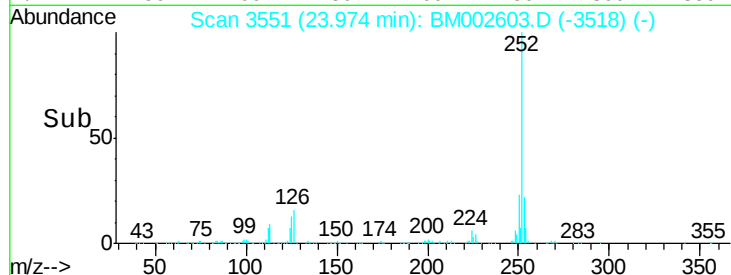
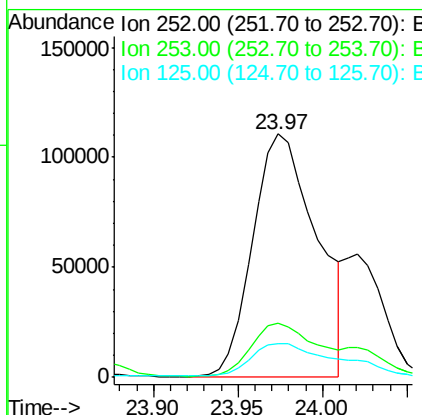
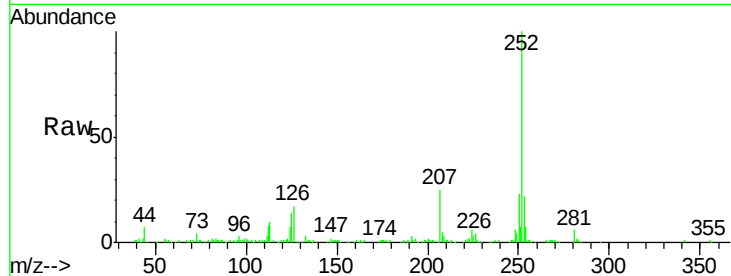




#23
Benzo(b)fluoranthene
Concen: 11.19 ng/u1
RT: 23.97 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BM002603.D
Acq: 31 Aug 2015 23:40

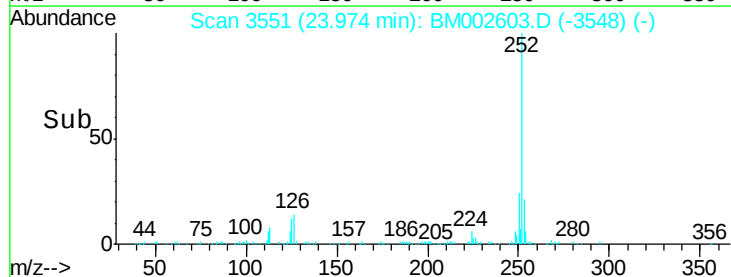
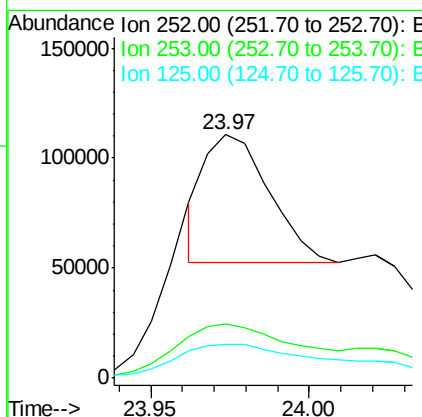
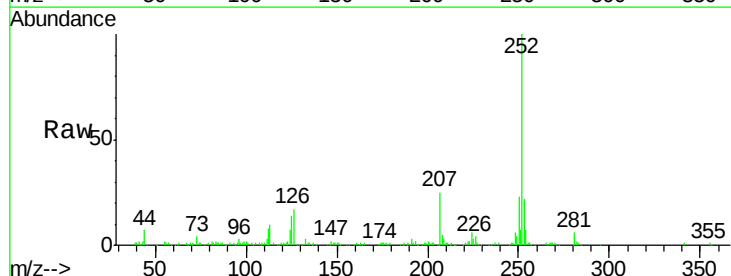
Instrument :
BNA_M
ClientSampleId :
D9E96

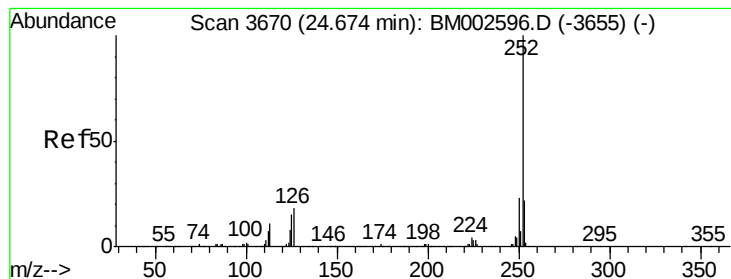
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	13.7	10.0	15.0



#24
Benzo(k)fluoranthene
Concen: 3.36 ng/u1
RT: 23.97 min Scan# 3551
Delta R.T. -0.05 min
Lab File: BM002603.D
Acq: 31 Aug 2015 23:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.7	9.8	14.8





#26

Benzo(a)pyrene

Concen: 7.33 ng/ul

RT: 24.67 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

Instrument :

BNA_M

ClientSampled :

D9E96

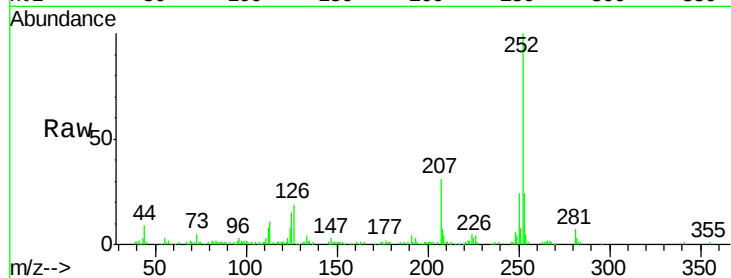
Tgt Ion: 252 Resp: 181220

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

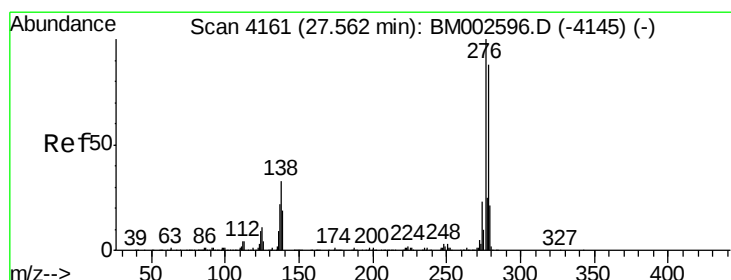
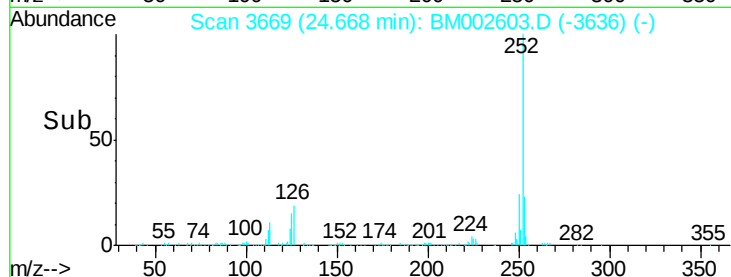
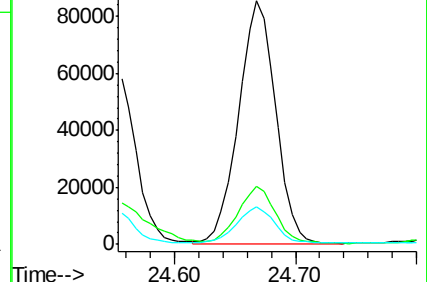
125 15.3 10.7 16.1



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.71 ng/ul

RT: 27.54 min Scan# 4158

Delta R.T. -0.02 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

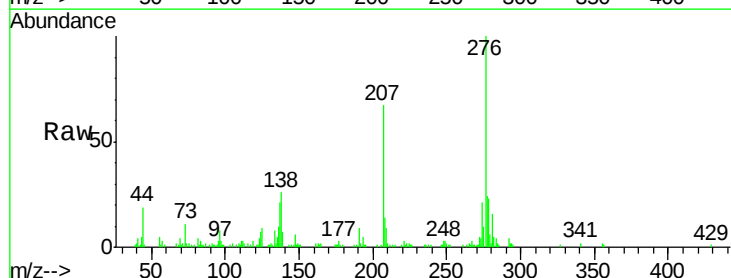
Tgt Ion: 276 Resp: 133924

Ion Ratio Lower Upper

276 100

138 26.4 25.3 37.9

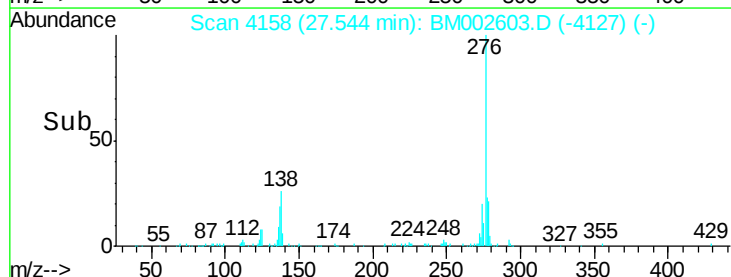
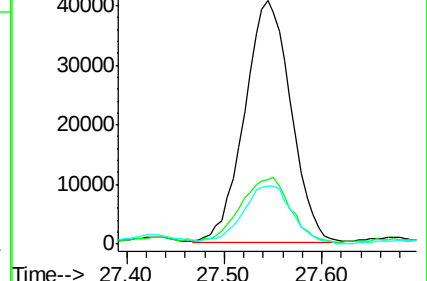
277 24.0 20.2 30.2

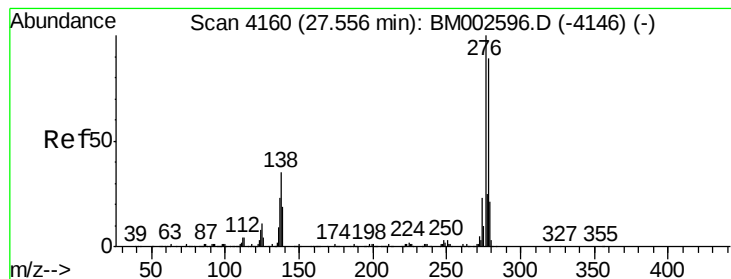


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.61 ng/ul

RT: 27.54 min Scan# 4158

Delta R.T. -0.01 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

Instrument :

BNA_M

ClientSampleId :

D9E96

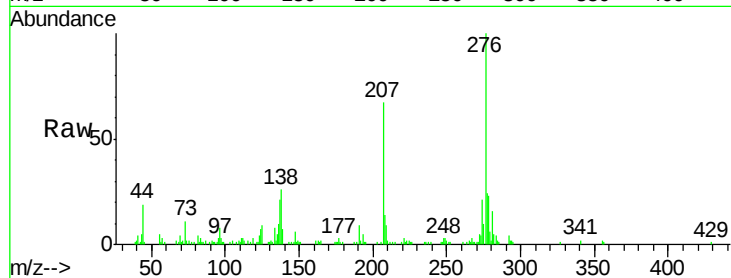
Tgt Ion:278 Resp: 38275

Ion Ratio Lower Upper

278 100

139 31.4 16.5 24.7#

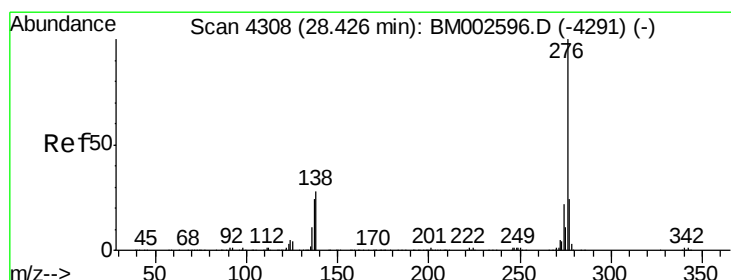
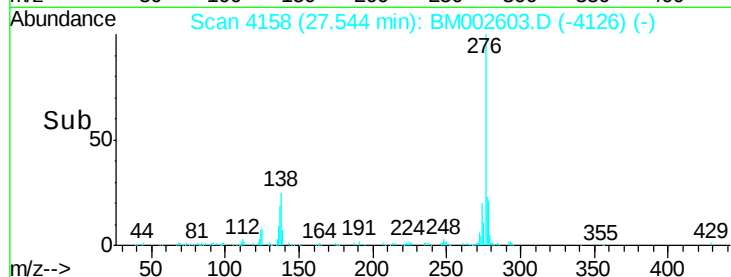
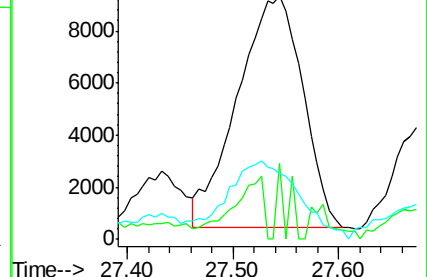
279 27.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#29

Benzo(g,h,i)perylene

Concen: 4.33 ng/ul

RT: 28.41 min Scan# 4305

Delta R.T. -0.02 min

Lab File: BM002603.D

Acq: 31 Aug 2015 23:40

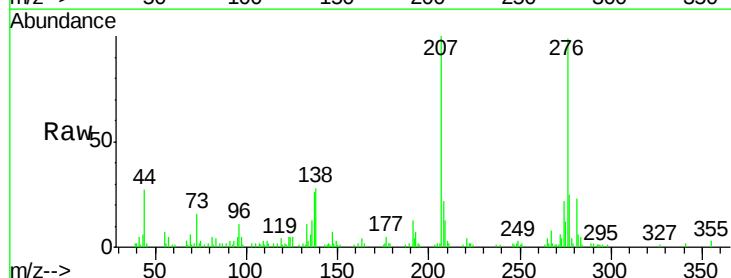
Tgt Ion:276 Resp: 102528

Ion Ratio Lower Upper

276 100

138 28.3 21.0 31.6

277 25.6 19.2 28.8



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

