

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002357.D
 Acq On : 12 Aug 2015 12:45
 Operator : UM/IZ
 Sample : G3163-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C90

Quant Time: Aug 12 16:13:09 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 04:50:31 2015
 Response via : Initial Calibration

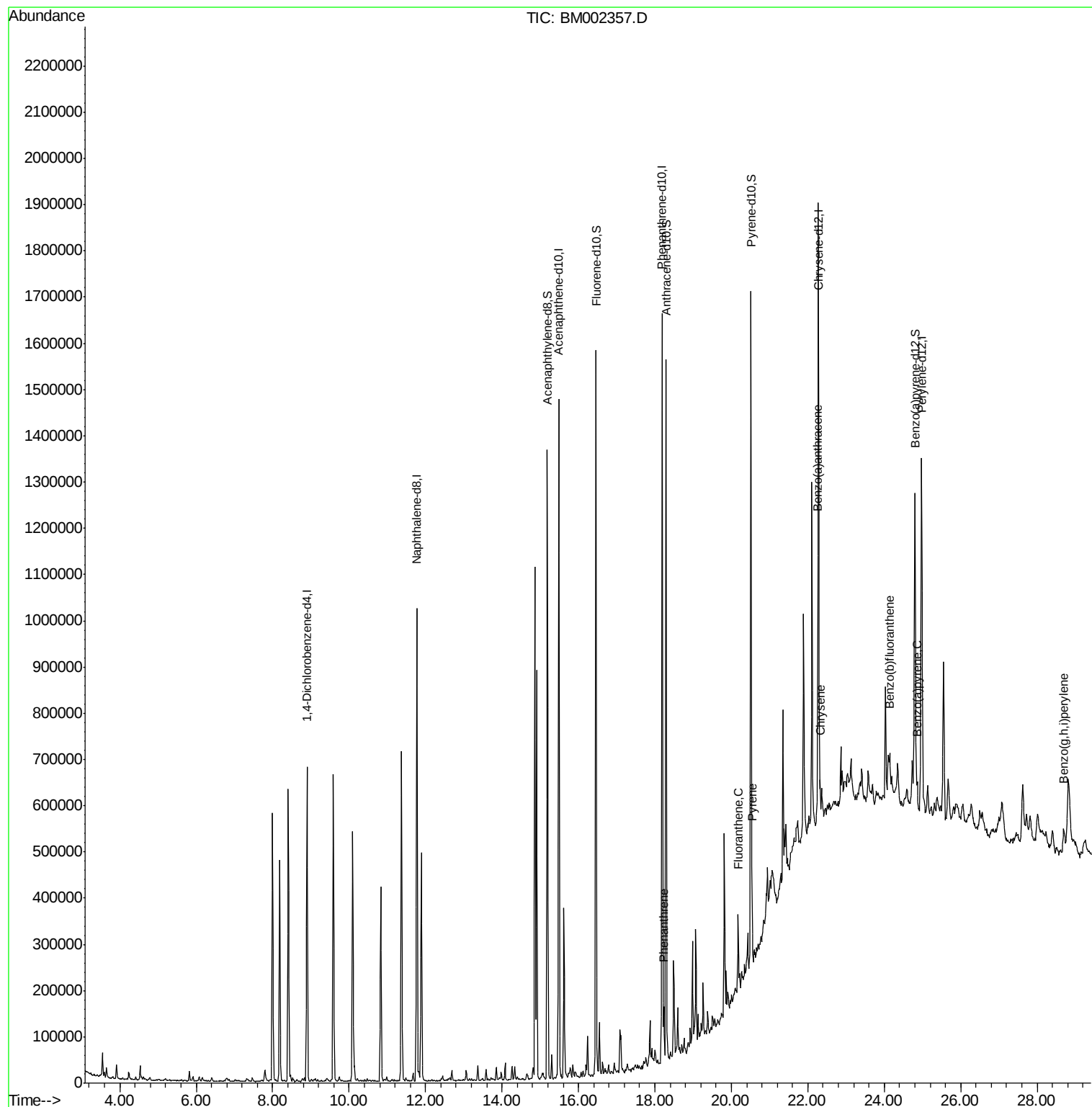
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	200966	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	910675	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	505698	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	963747	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	660976	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	615808	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1009336	19.27	ng/ul	0.00
10) Fluorene-d10	16.46	176	657601	18.05	ng/ul	0.00
14) Anthracene-d10	18.29	188	870540	18.62	ng/ul	0.00
18) Pyrene-d10	20.51	212	715184	22.31	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	588358	17.99	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	18.23	178	66546	1.20	ng/ul	99
16) Fluoranthene	20.18	202	106075	1.73	ng/ul	99
19) Pyrene	20.54	202	91574	2.14	ng/ul	99
20) Benzo(a)anthracene	22.26	228	47968	1.19	ng/ul#	93
21) Chrysene	22.32	228	54827	1.43	ng/ul#	92
23) Benzo(b)fluoranthene	24.14	252	76689	2.00	ng/ul#	84
26) Benzo(a)pyrene	24.86	252	46898	1.28	ng/ul#	82
29) Benzo(g,h,i)perylene	28.70	276	45342	1.28	ng/ul#	87

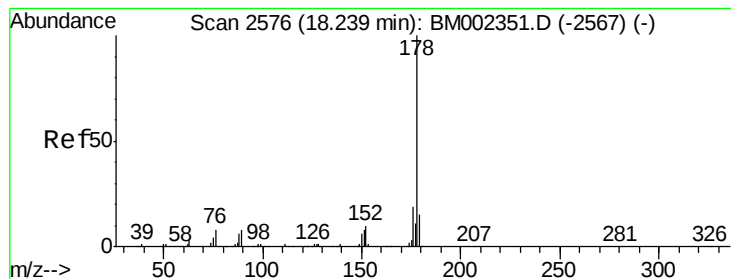
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.20 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BM002357.D

Acq: 12 Aug 2015 12:45

Instrument :

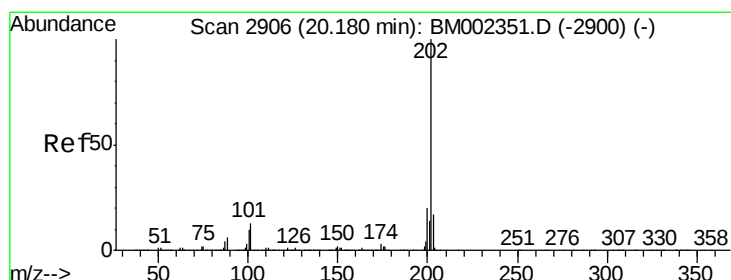
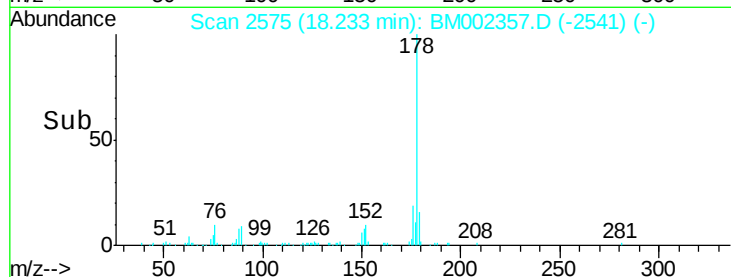
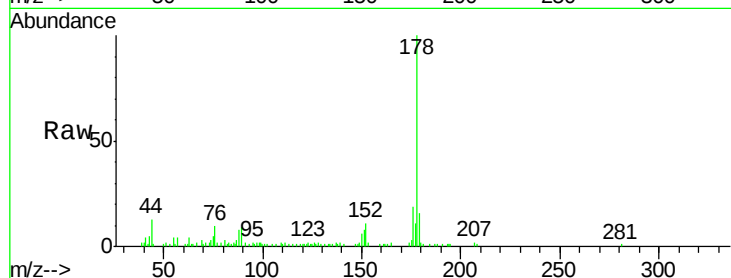
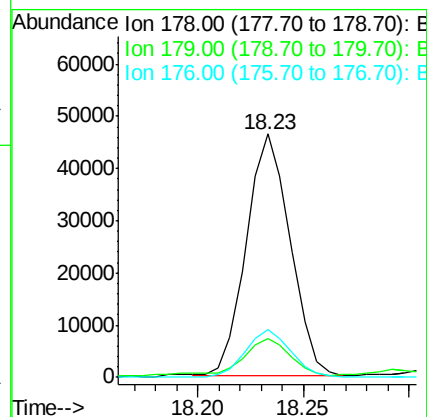
BNA_M

ClientSampleId :

D9C90

Tot Ion:178 Resp: 66546

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.4	15.3	22.9



#16

Fluoranthene

Concen: 1.73 ng/ul

RT: 20.18 min Scan# 2906

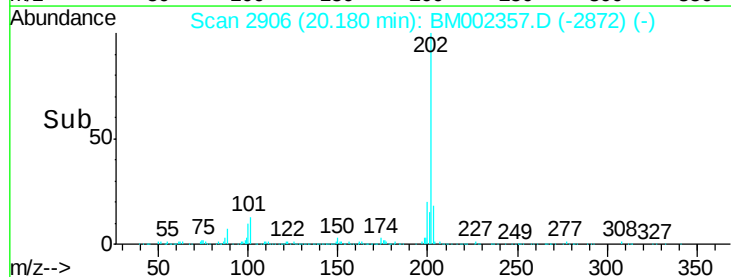
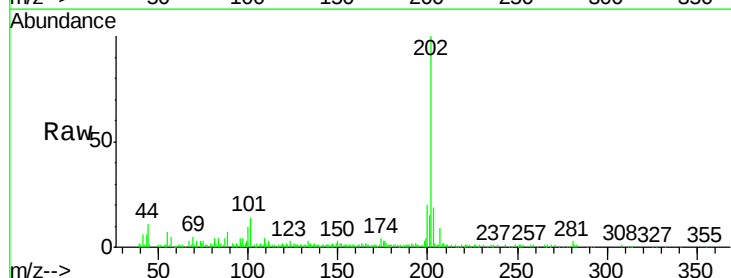
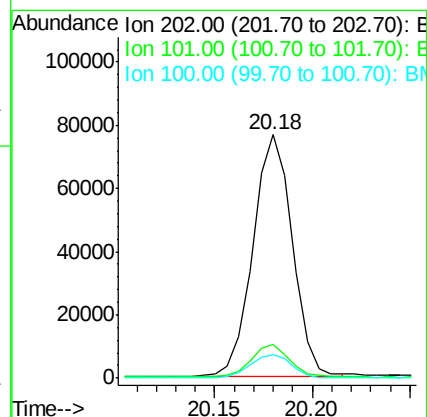
Delta R.T. -0.00 min

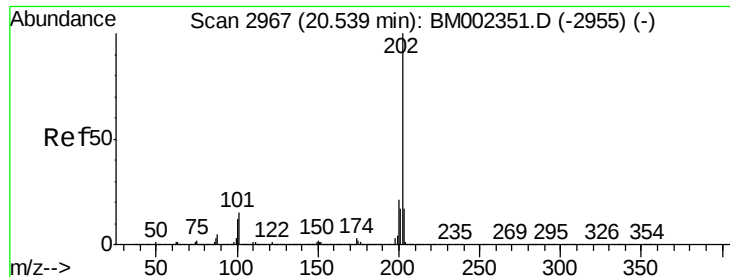
Lab File: BM002357.D

Acq: 12 Aug 2015 12:45

Tgt Ion:202 Resp: 106075

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	15.8
100	9.9	8.2	12.4





#19

Pvrene

Concen: 2.14 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. 0.01 min

Lab File: BM002357.D

Acq: 12 Aug 2015 12:45

Instrument :

BNA_M

ClientSampleId :

D9C90

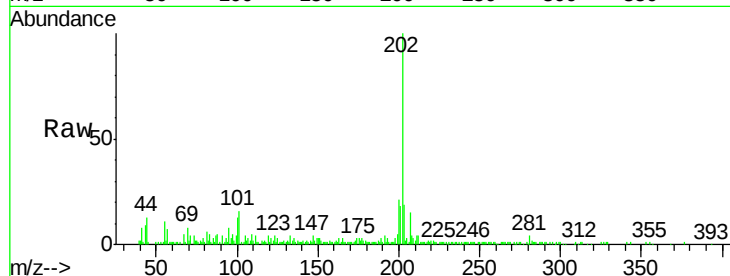
Tot Ion:202 Resp: 91574

Ion Ratio Lower Upper

202 100

101 16.0 13.0 19.6

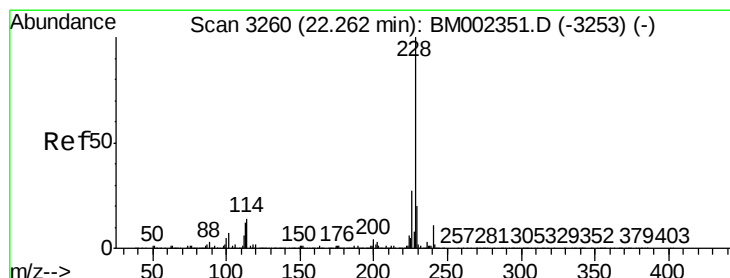
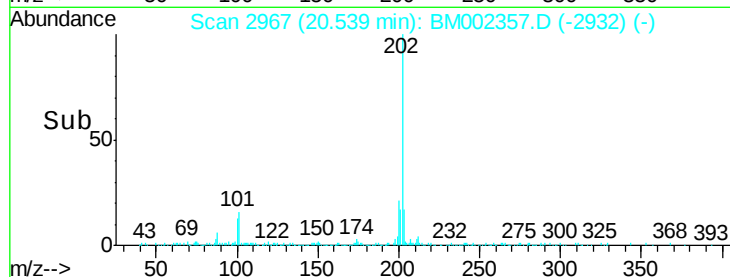
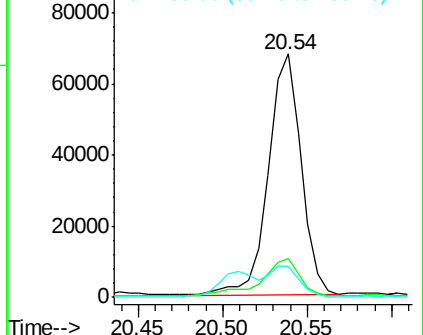
100 13.0 11.0 16.4



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: 1.19 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. -0.00 min

Lab File: BM002357.D

Acq: 12 Aug 2015 12:45

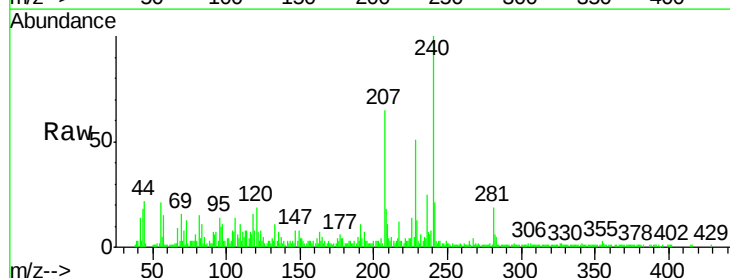
Tgt Ion:228 Resp: 47968

Ion Ratio Lower Upper

228 100

229 25.3 15.7 23.5#

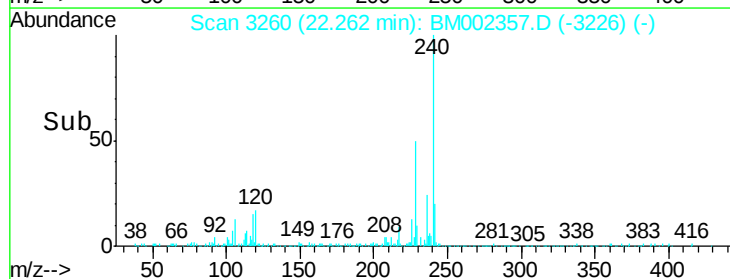
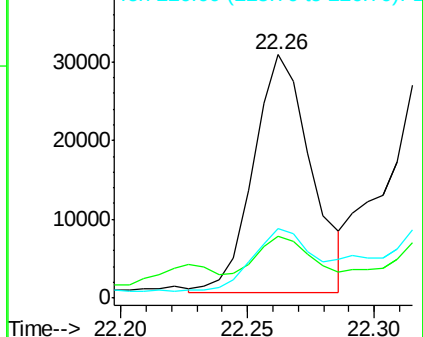
226 28.5 21.4 32.0

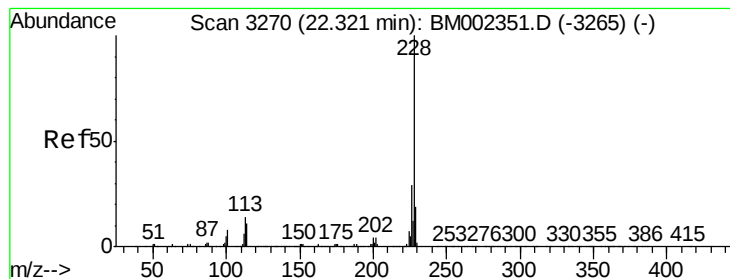


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.43 ng/ul

RT: 22.32 min Scan# 3270

Delta R.T. -0.00 min

Lab File: BM002357.D

Acq: 12 Aug 2015 12:45

Instrument :

BNA_M

ClientSampleId :

D9C90

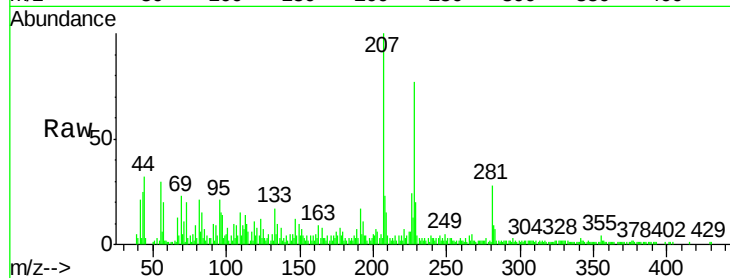
Tot Ion:228 Resp: 54827

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

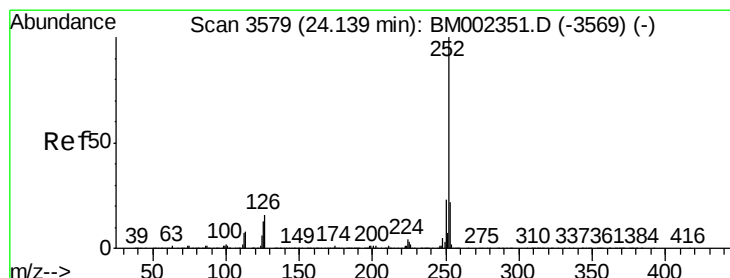
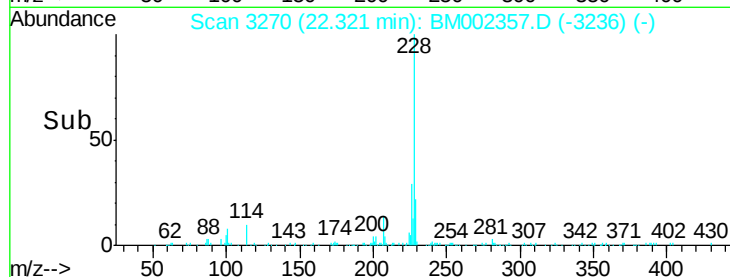
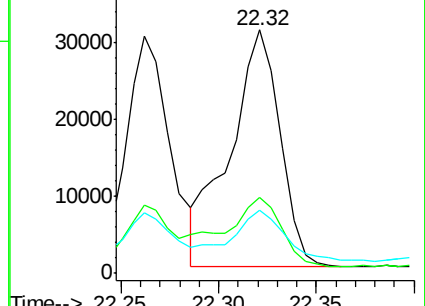
229 25.7 15.5 23.3#



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: 2.00 ng/ul

RT: 24.14 min Scan# 3579

Delta R.T. -0.00 min

Lab File: BM002357.D

Acq: 12 Aug 2015 12:45

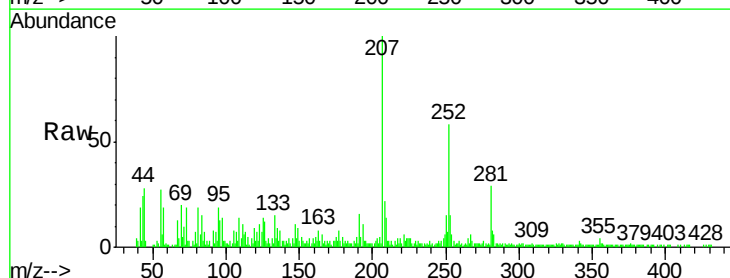
Tgt Ion:252 Resp: 76689

Ion Ratio Lower Upper

252 100

253 26.2 17.9 26.9

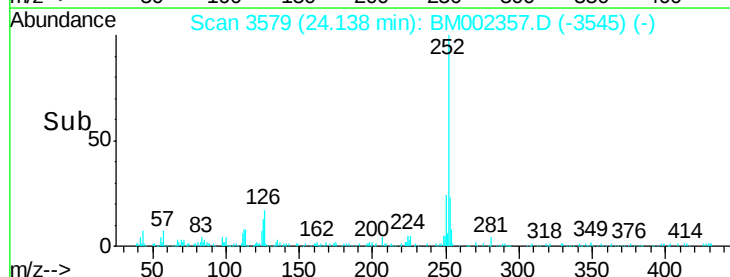
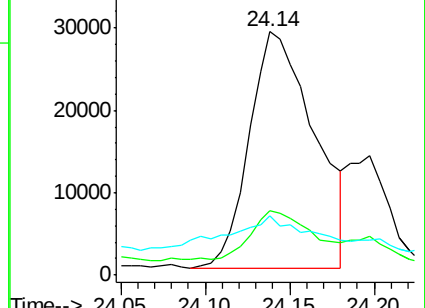
125 24.3 10.3 15.5#

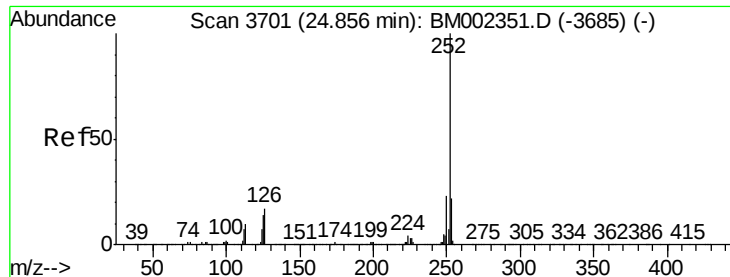


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

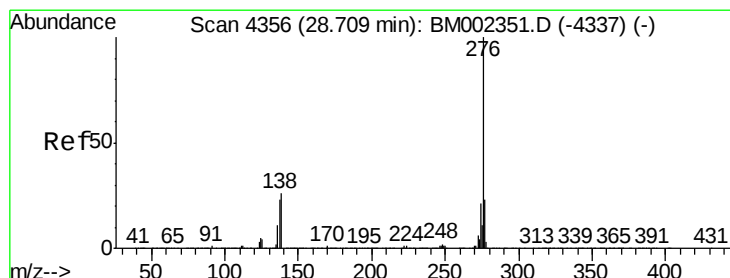
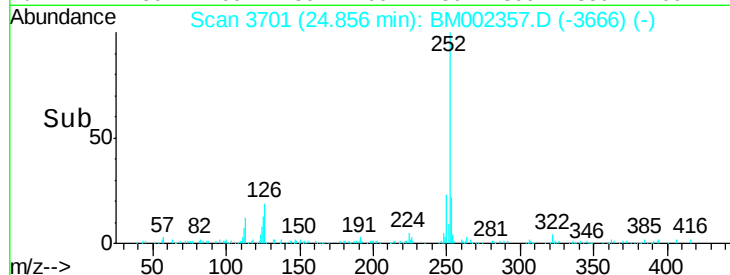
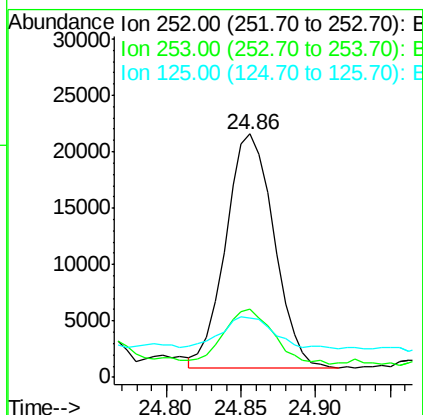
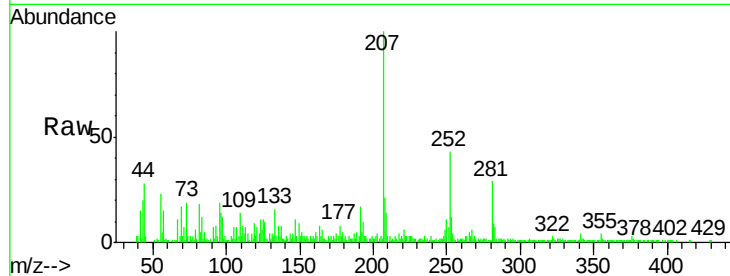




#26
Benzo(a)pyrene
Concen: 1.28 ng/ul
RT: 24.86 min Scan# 3701
Delta R.T. 0.01 min
Lab File: BM002357.D
Acq: 12 Aug 2015 12:45

Instrument :
BNA_M
ClientSampleId :
D9C90

Tot Ion:252 Resp: 46898
Ion Ratio Lower Upper
252 100
253 27.8 17.3 25.9#
125 24.4 11.0 16.6#



#29
Benzo(g,h,i)perylene
Concen: 1.28 ng/ul
RT: 28.70 min Scan# 4355
Delta R.T. 0.01 min
Lab File: BM002357.D
Acq: 12 Aug 2015 12:45

Tgt Ion:276 Resp: 45342
Ion Ratio Lower Upper
276 100
138 33.6 20.5 30.7#
277 28.6 19.0 28.6#

