

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002568.D
 Acq On : 29 Aug 2015 17:18
 Operator : UM/IZ
 Sample : G3455-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E67

Quant Time: Aug 31 01:12:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:07:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	122774	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	505566	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	240046	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	470563	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	489741	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	512502	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	662778	27.01	ng/ul	0.00
10) Fluorene-d10	16.33	176	421564	24.46	ng/ul	0.00
14) Anthracene-d10	18.17	188	606748	26.73	ng/ul	0.00
18) Pyrene-d10	20.40	212	564510	26.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	580919	21.58	ng/ul	0.00

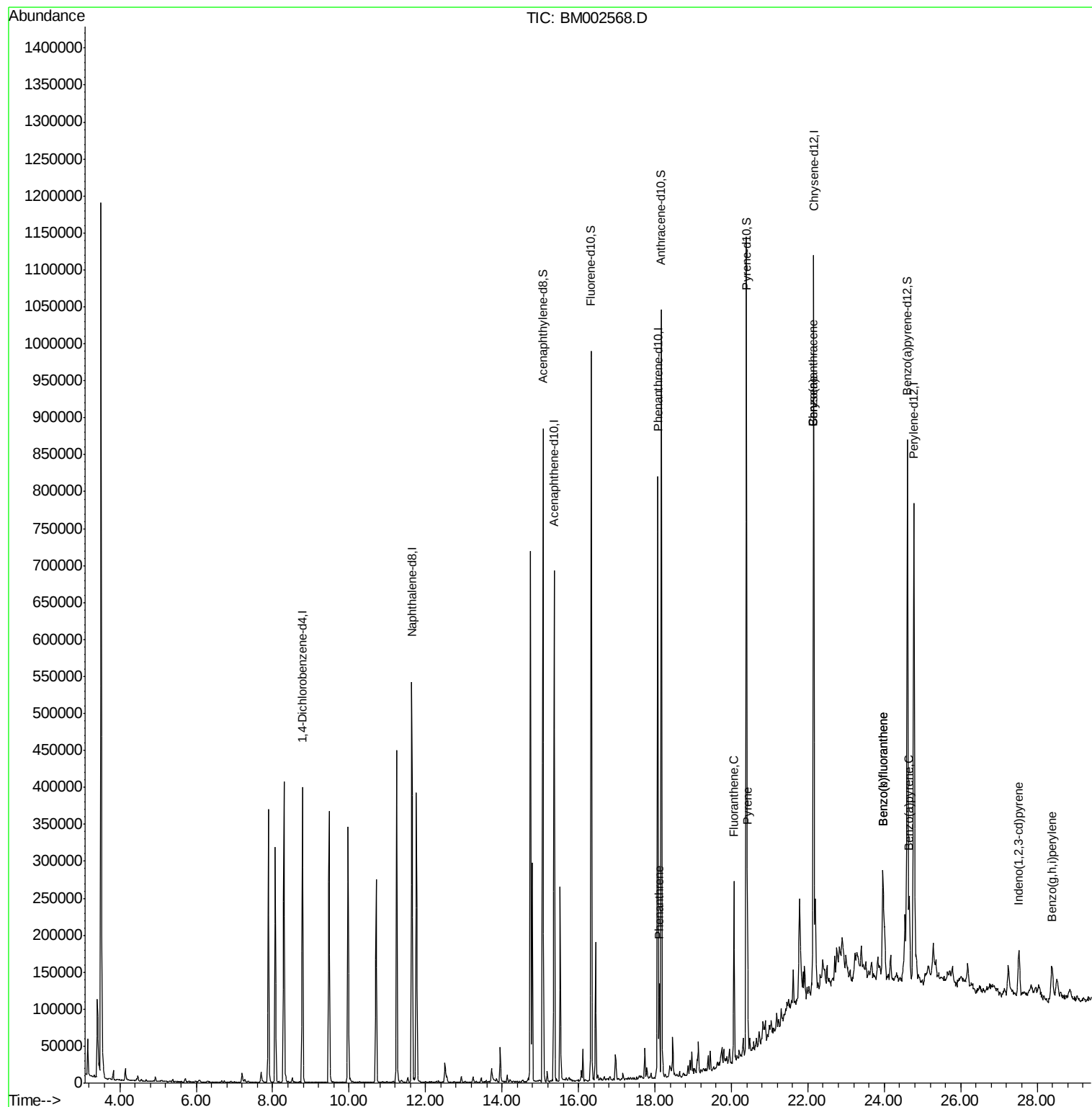
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	78741	2.90	ng/ul	99
16) Fluoranthene	20.07	202	146368	4.76	ng/ul	98
19) Pyrene	20.42	202	121733	4.24	ng/ul	97
20) Benzo(a)anthracene	22.14	228	74404	2.54	ng/ul	99
21) Chrysene	22.14	228	73640	2.69	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	119518	3.86	ng/ul#	96
24) Benzo(k)fluoranthene	23.97	252	30556	1.04	ng/ul#	96
26) Benzo(a)pyrene	24.66	252	75709	2.56	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.53	276	63069	1.85	ng/ul	93
29) Benzo(g,h,i)perylene	28.39	276	62414	2.20	ng/ul	97

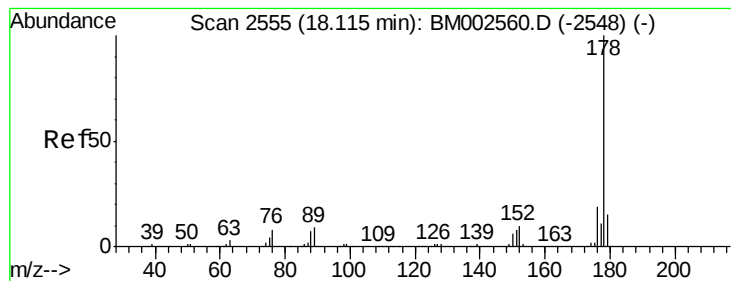
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.90 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.00 min

Lab File: BM002568.D

Acq: 29 Aug 2015 17:18

Instrument :

BNA_M

ClientSampleId :

D9E67

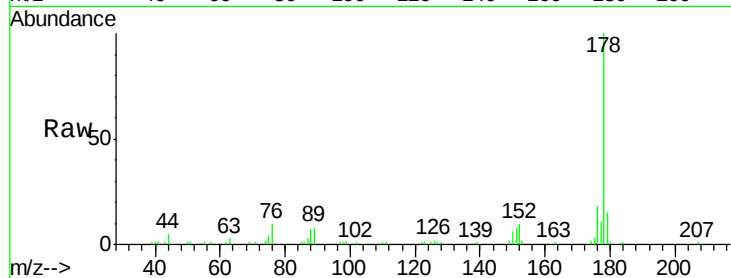
Tgt Ion:178 Resp: 78741

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

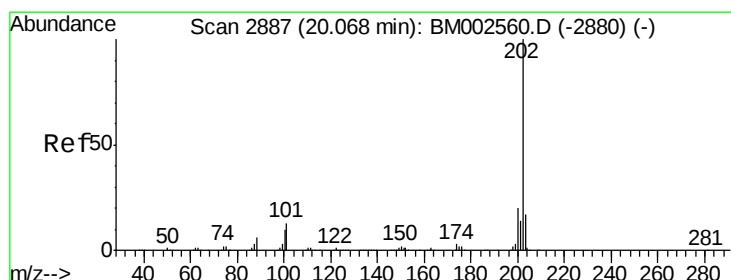
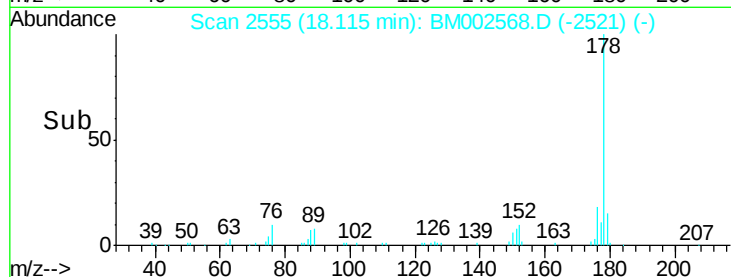
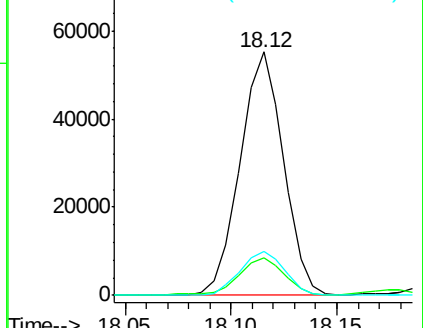
176 18.1 15.1 22.7



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



#16

Fluoranthene

Concen: 4.76 ng/ul

RT: 20.07 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BM002568.D

Acq: 29 Aug 2015 17:18

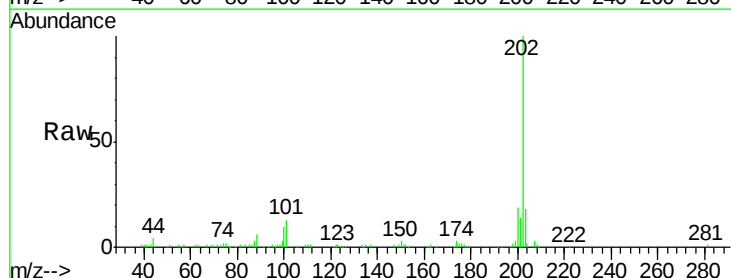
Tgt Ion:202 Resp: 146368

Ion Ratio Lower Upper

202 100

101 12.7 9.7 14.5

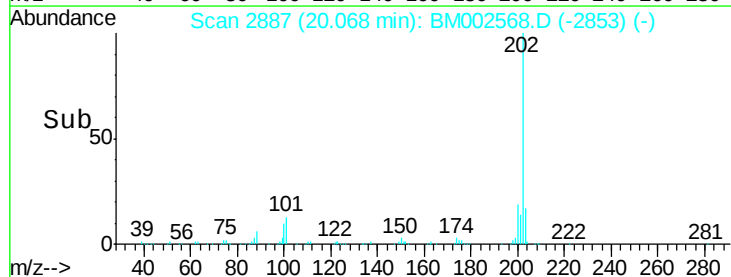
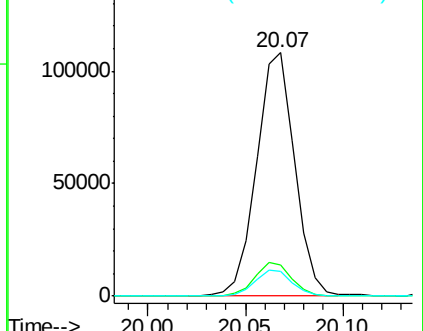
100 10.1 7.4 11.2

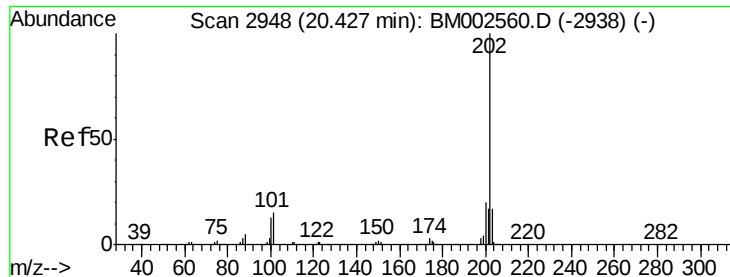


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 4.24 ng/ul

RT: 20.42 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BM002568.D

Acq: 29 Aug 2015 17:18

Instrument :

BNA_M

ClientSampleId :

D9E67

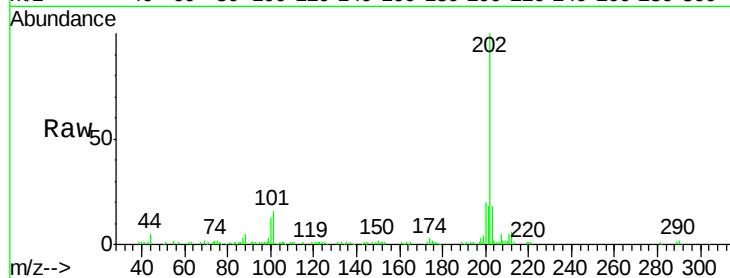
Tgt Ion:202 Resp: 121733

Ion Ratio Lower Upper

202 100

101 16.4 12.0 18.0

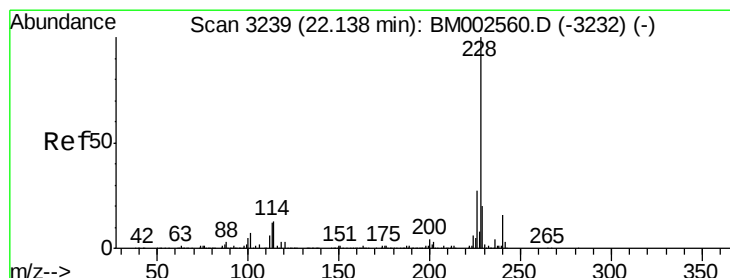
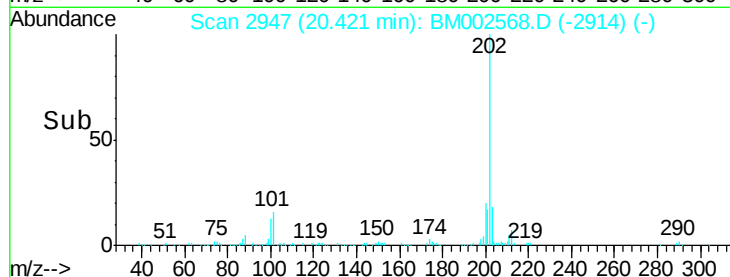
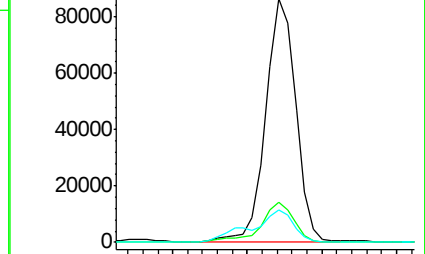
100 13.1 9.7 14.5



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: 2.54 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BM002568.D

Acq: 29 Aug 2015 17:18

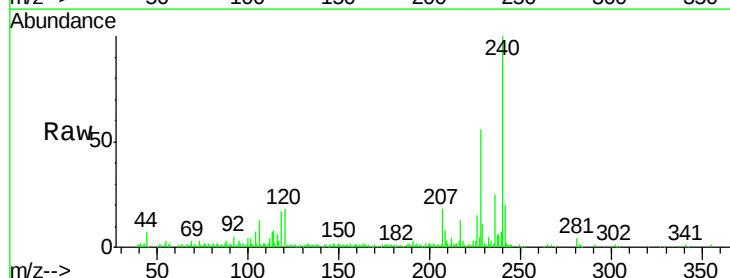
Tgt Ion:228 Resp: 74404

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

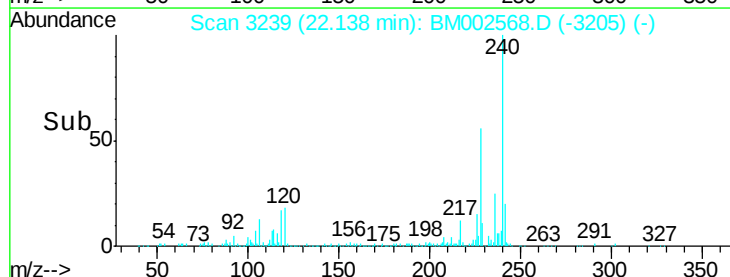
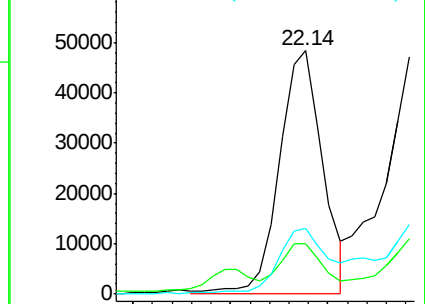
226 26.9 21.1 31.7

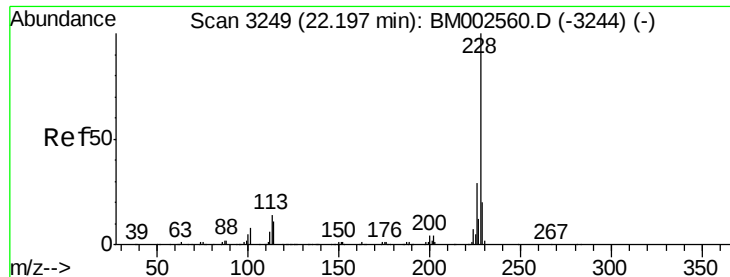


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.69 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.06 min

Lab File: BM002568.D

Acq: 29 Aug 2015 17:18

Instrument :

BNA_M

ClientSampleId :

D9E67

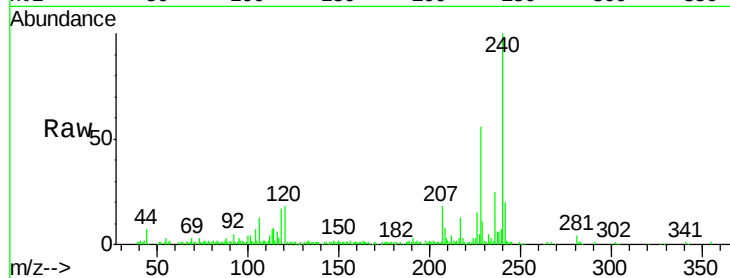
Tgt Ion:228 Resp: 73640

Ion Ratio Lower Upper

228 100

226 26.9 23.4 35.2

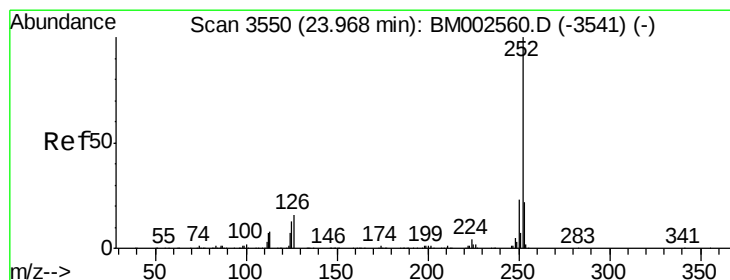
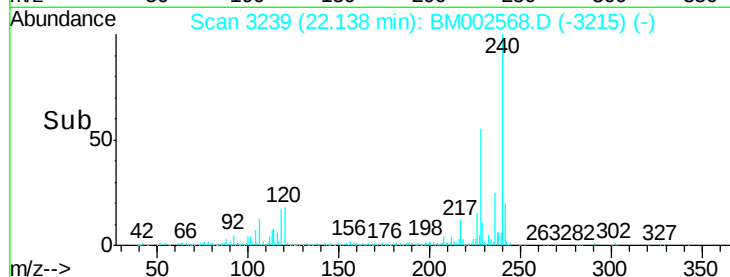
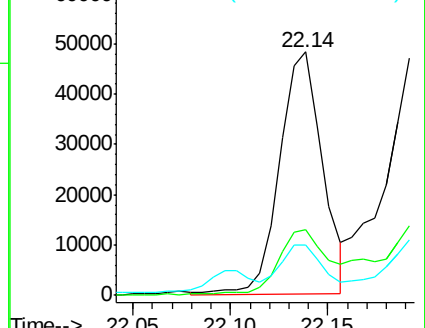
229 20.5 15.7 23.5



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: 3.86 ng/ul

RT: 23.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM002568.D

Acq: 29 Aug 2015 17:18

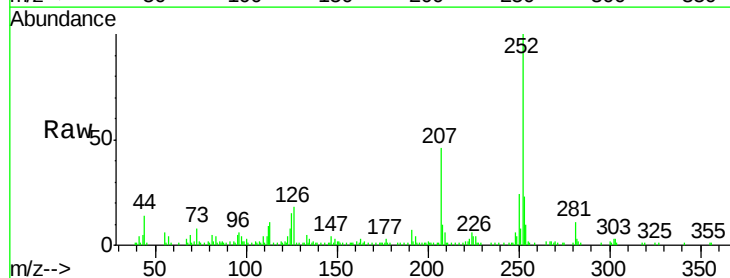
Tgt Ion:252 Resp: 119518

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

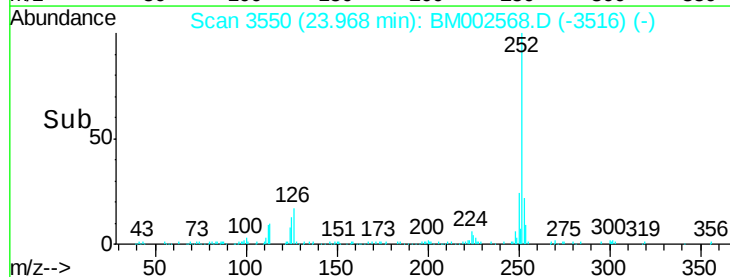
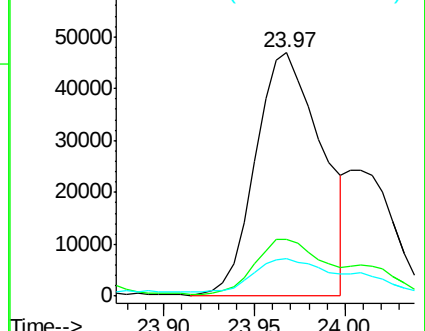
125 15.2 10.0 15.0#

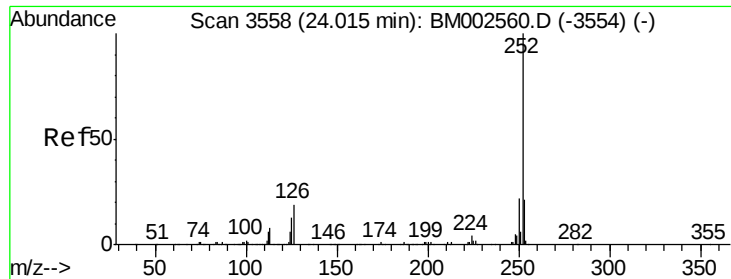


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

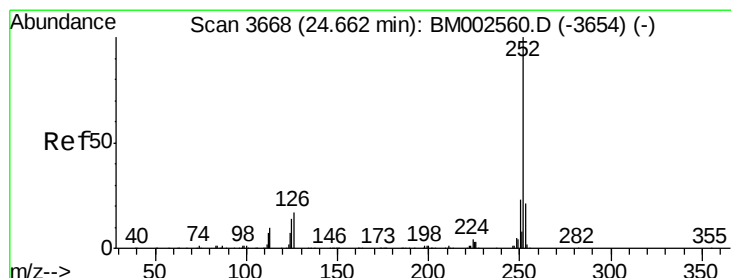
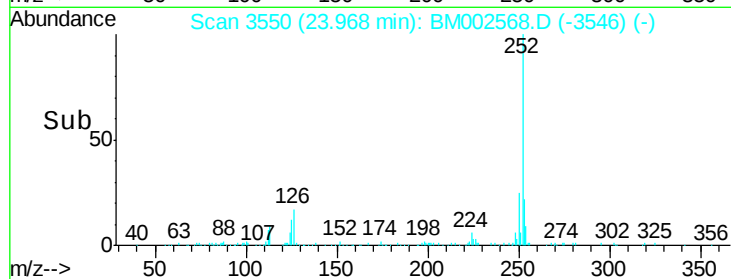
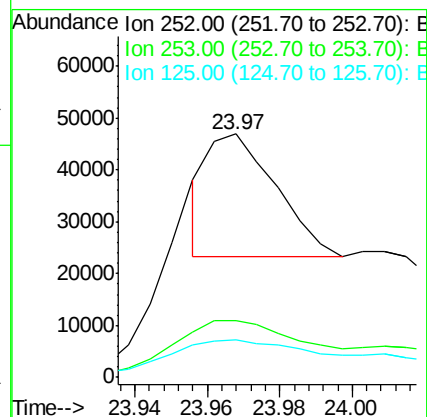
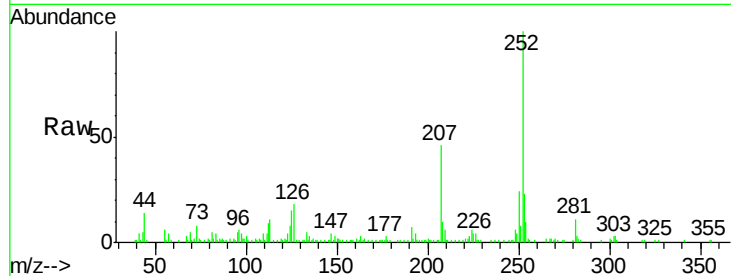




#24
Benzo(k)fluoranthene
Concen: 1.04 ng/ul
RT: 23.97 min Scan# 3550
Delta R.T. -0.05 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

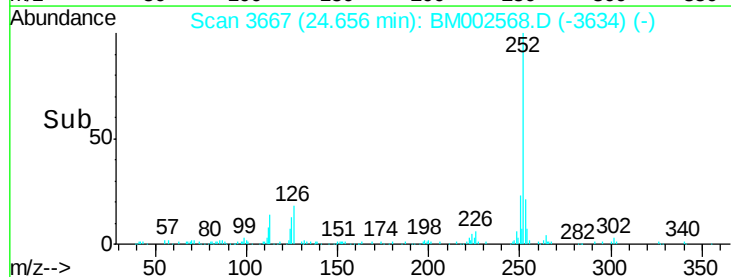
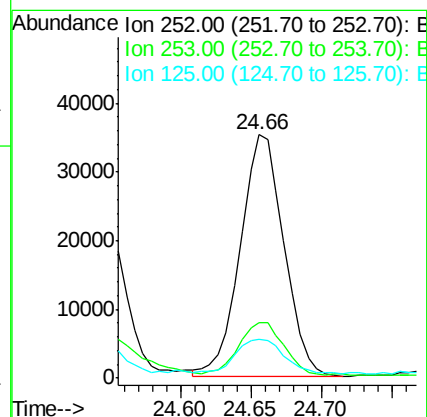
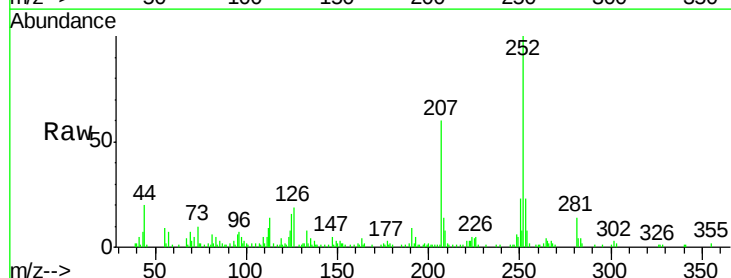
Instrument :
BNA_M
ClientSampleId :
D9E67

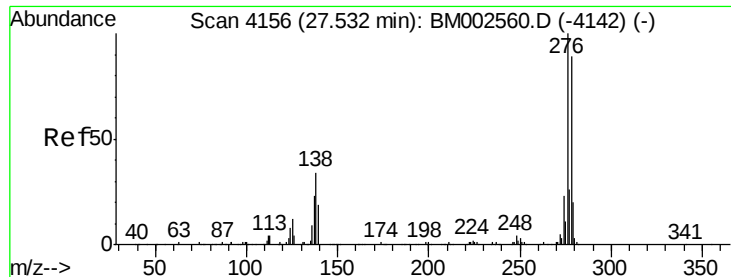
Tgt Ion: 252 Resp: 30556
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 15.2 9.8 14.8#



#26
Benzo(a)pyrene
Concen: 2.56 ng/ul
RT: 24.66 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion: 252 Resp: 75709
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 15.8 10.7 16.1





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.85 ng/ul

RT: 27.53 min Scan# 4155

Delta R.T. -0.01 min

Lab File: BM002568.D

Acq: 29 Aug 2015 17:18

Instrument :

BNA_M

ClientSampleId :

D9E67

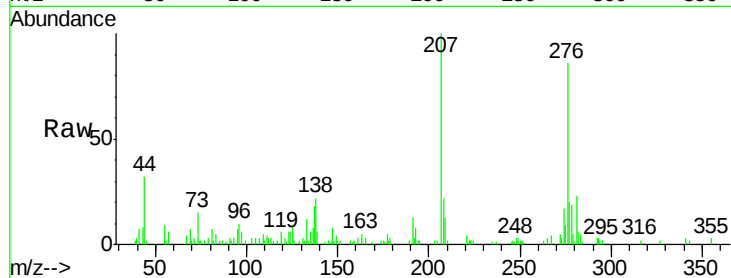
Tgt Ion:276 Resp: 63069

Ion Ratio Lower Upper

276 100

138 25.7 25.3 37.9

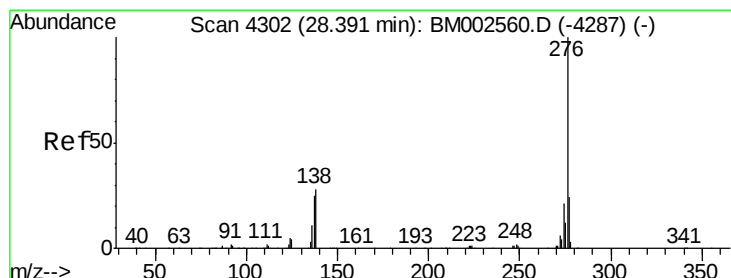
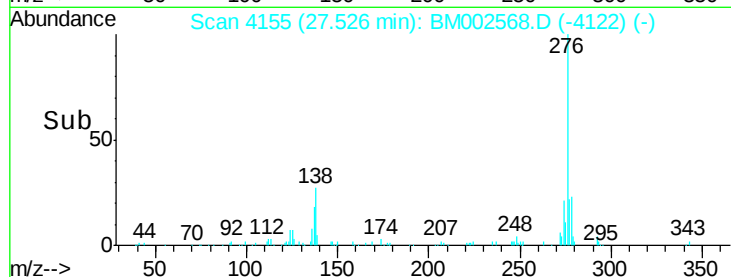
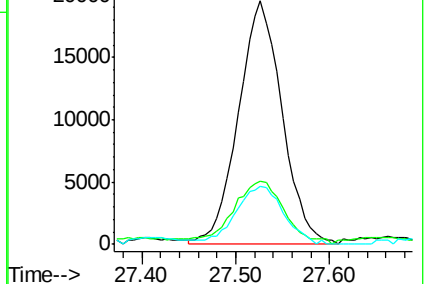
277 23.7 20.2 30.2



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



#29

Benzo(g,h,i)perylene

Concen: 2.20 ng/ul

RT: 28.39 min Scan# 4302

Delta R.T. -0.00 min

Lab File: BM002568.D

Acq: 29 Aug 2015 17:18

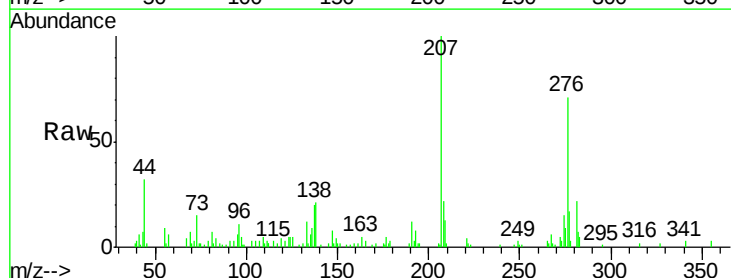
Tgt Ion:276 Resp: 62414

Ion Ratio Lower Upper

276 100

138 29.1 21.0 31.6

277 24.1 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

