

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002337.D
 Acq On : 12 Aug 2015 00:06
 Operator : UM/IZ
 Sample : G3162-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C77

Quant Time: Aug 12 04:53:30 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	197782	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	942499	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	523573	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1079399	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	964814	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	732457	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	886842	16.35	ng/ul	0.00
10) Fluorene-d10	16.45	176	603995	16.01	ng/ul	0.00
14) Anthracene-d10	18.29	188	871221	16.63	ng/ul	0.00
18) Pyrene-d10	20.50	212	862676	18.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	574205	14.76	ng/ul	0.00

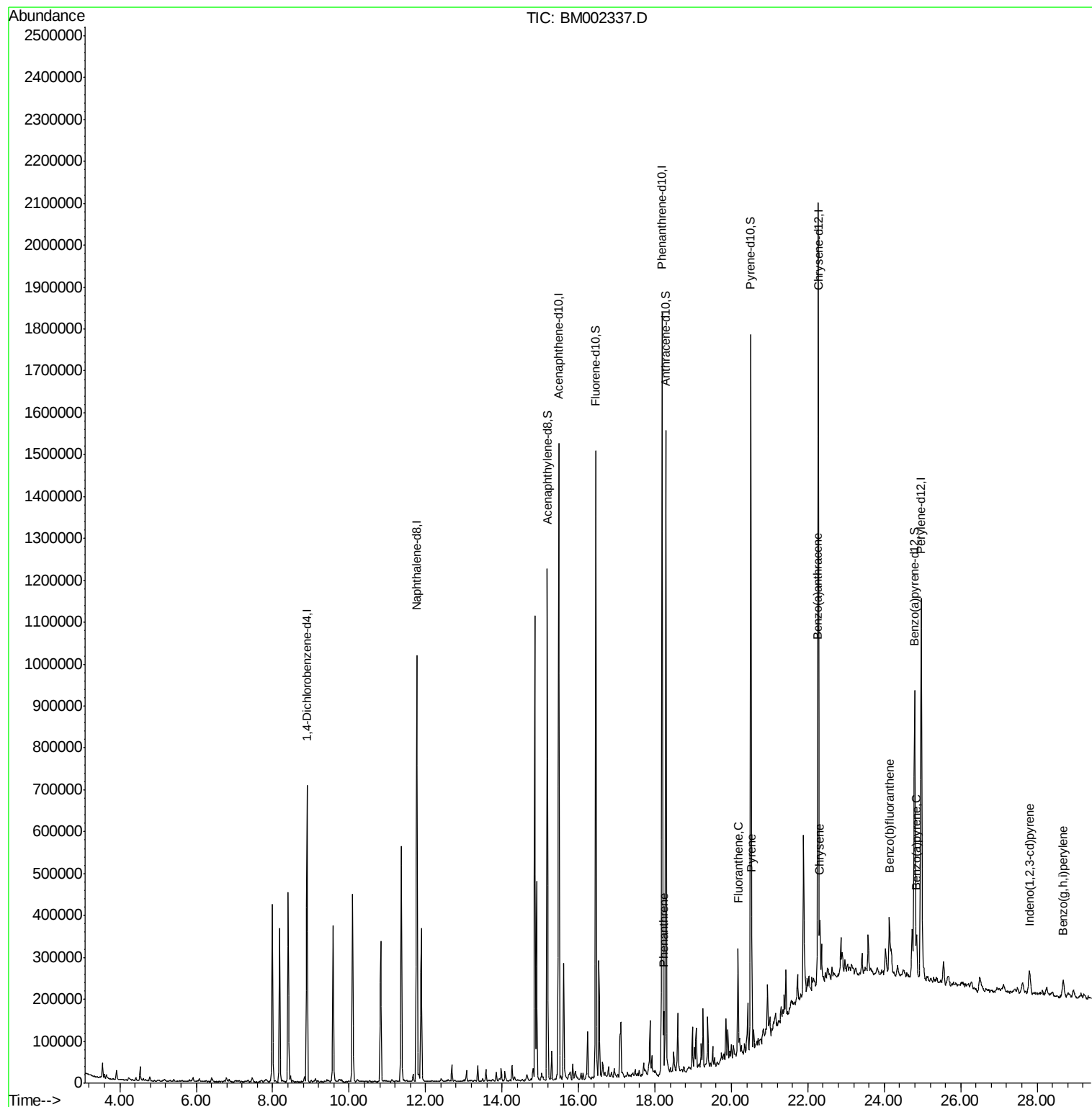
Target Compounds				Ovalue		
13) Phenanthrene	18.23	178	87625	1.41	ng/ul	99
16) Fluoranthene	20.17	202	153566	2.23	ng/ul	99
19) Pyrene	20.53	202	132733	2.13	ng/ul	98
20) Benzo(a)anthracene	22.26	228	81073	1.38	ng/ul	96
21) Chrysene	22.32	228	100318	1.80	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	130870	2.87	ng/ul	97
26) Benzo(a)pyrene	24.85	252	71132	1.63	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.80	276	57444	1.15	ng/ul	94
29) Benzo(g,h,i)perylene	28.68	276	54894	1.30	ng/ul	98

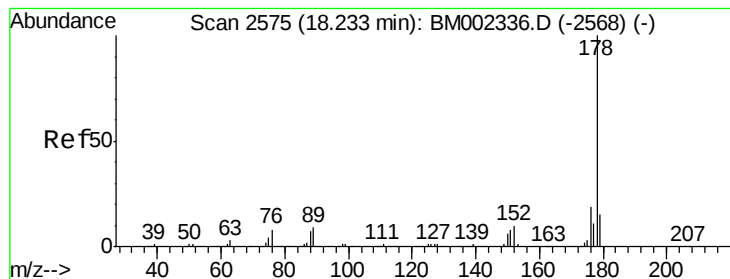
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.41 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BM002337.D

Acq: 12 Aug 2015 00:06

Instrument :

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ClientSampleId :

D9C77

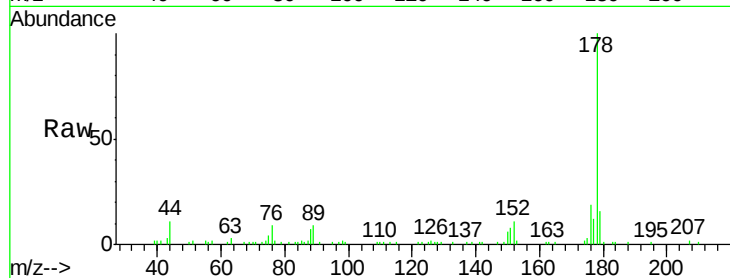
Tot Ion:178 Resp: 87625

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

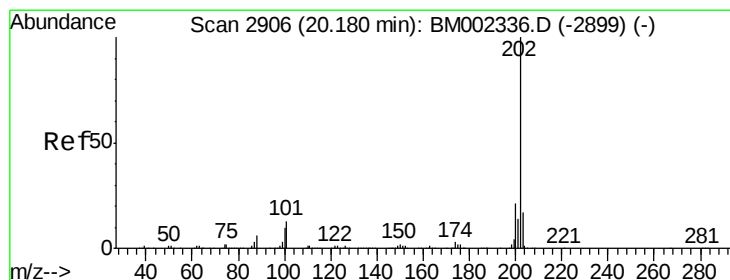
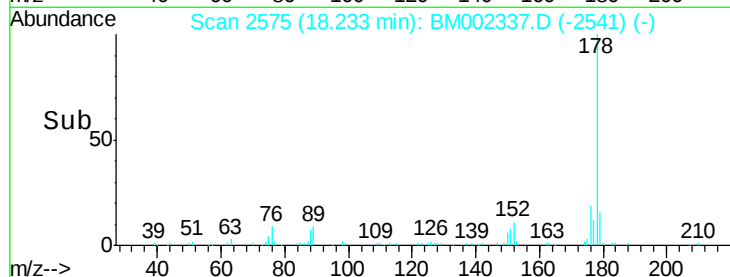
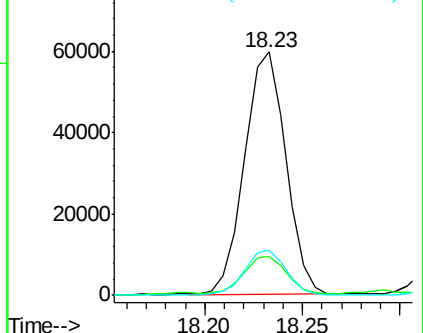
176 18.7 15.3 22.9



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: 2.23 ng/ul

RT: 20.17 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BM002337.D

Acq: 12 Aug 2015 00:06

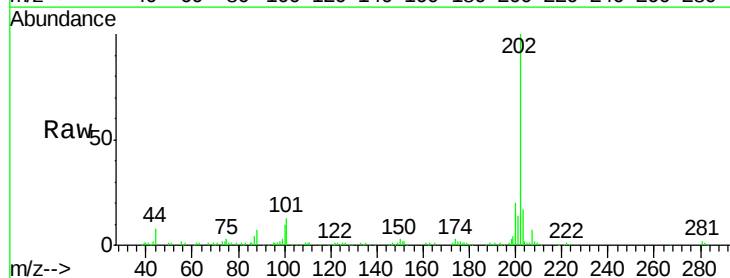
Tgt Ion:202 Resp: 153566

Ion Ratio Lower Upper

202 100

101 13.4 10.6 15.8

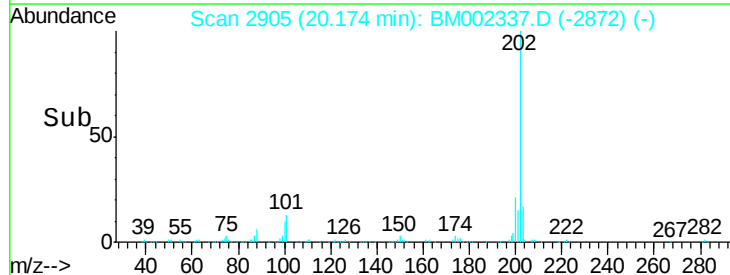
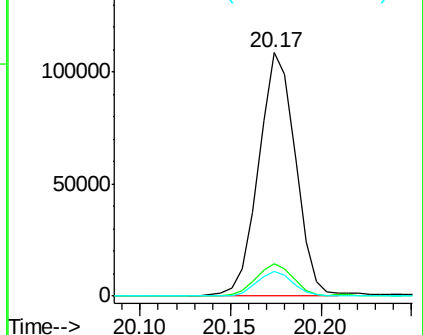
100 10.0 8.2 12.4

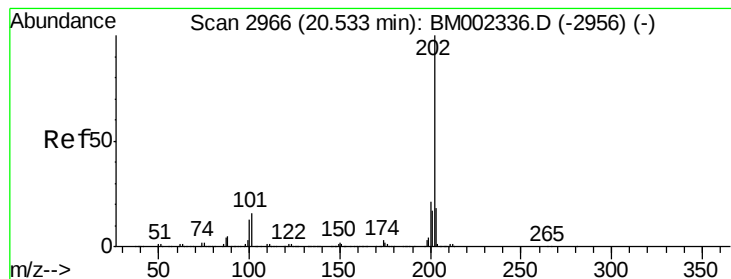


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 2.13 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BM002337.D

Acq: 12 Aug 2015 00:06

Instrument :

BNA_M

ClientSampleId :

D9C77

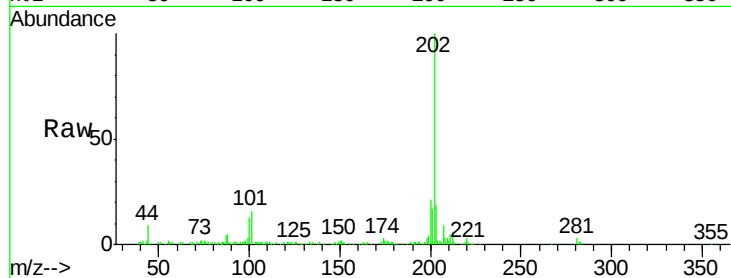
Tot Ion:202 Resp: 132733

Ion Ratio Lower Upper

202 100

101 15.7 13.0 19.6

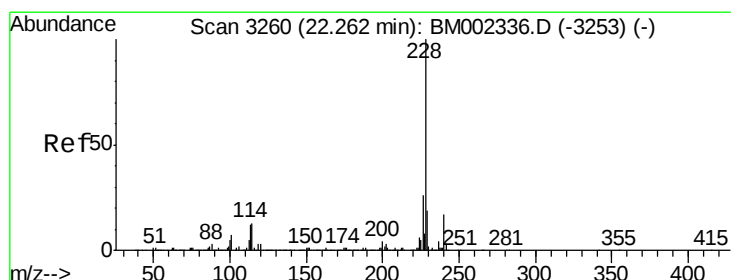
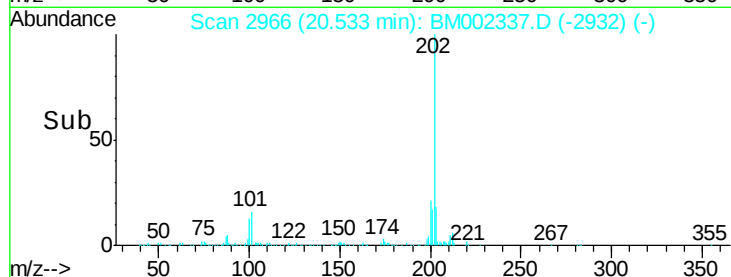
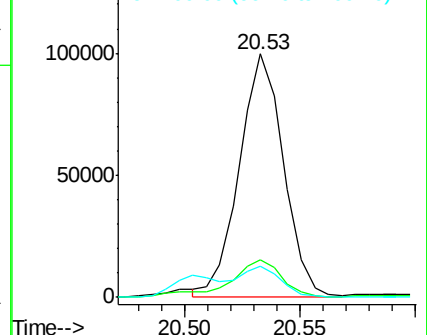
100 12.7 11.0 16.4



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: 1.38 ng/ul

RT: 22.26 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BM002337.D

Acq: 12 Aug 2015 00:06

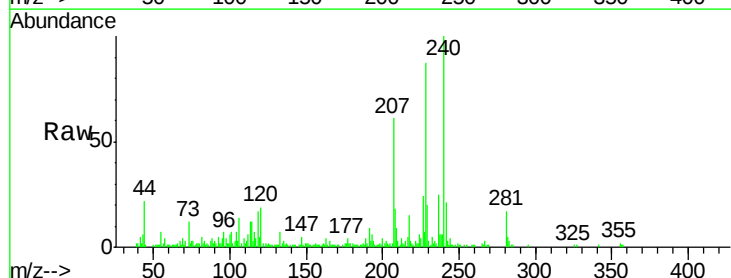
Tgt Ion:228 Resp: 81073

Ion Ratio Lower Upper

228 100

229 22.6 15.7 23.5

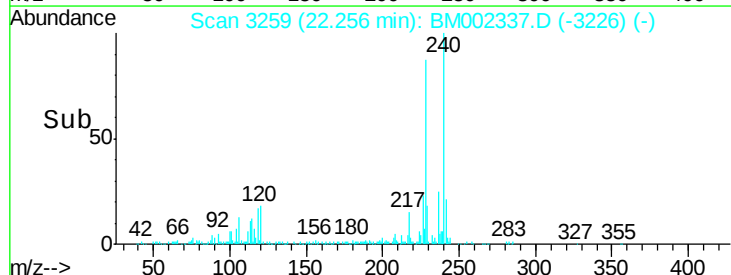
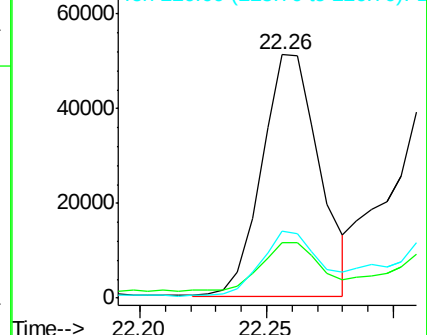
226 27.6 21.4 32.0

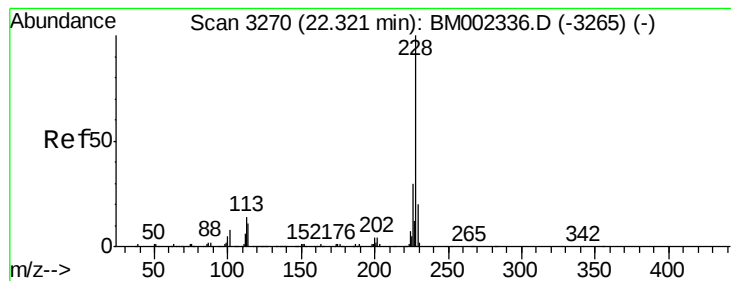


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.80 ng/ul

RT: 22.32 min Scan# 3270

Delta R.T. -0.00 min

Lab File: BM002337.D

Acq: 12 Aug 2015 00:06

Instrument :

BNA_M

ClientSampleId :

D9C77

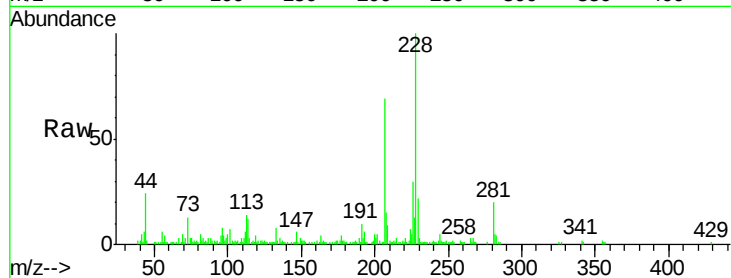
Tot Ion:228 Resp: 100318

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

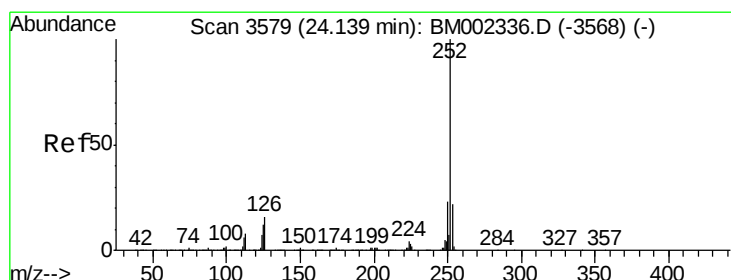
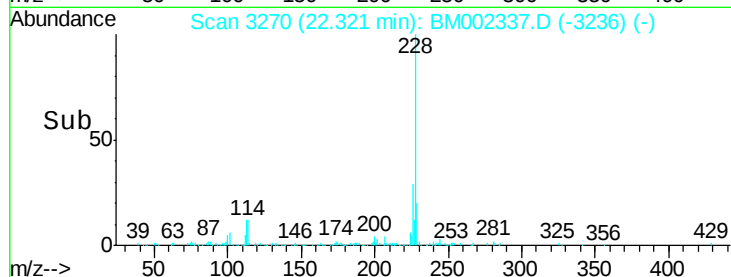
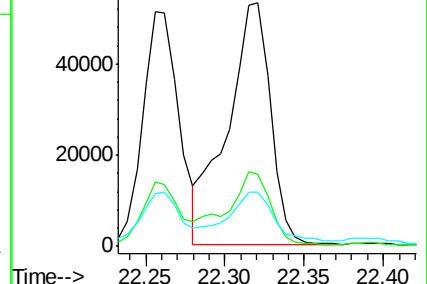
229 22.0 15.5 23.3



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: 2.87 ng/ul

RT: 24.13 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BM002337.D

Acq: 12 Aug 2015 00:06

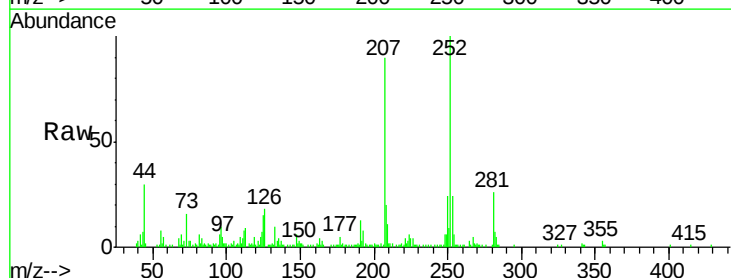
Tgt Ion:252 Resp: 130870

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

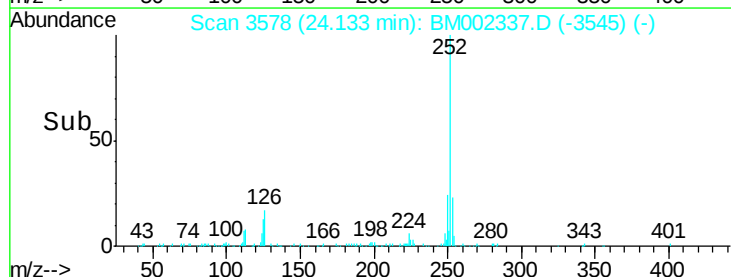
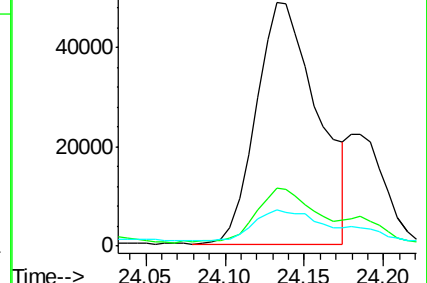
125 14.9 10.3 15.5

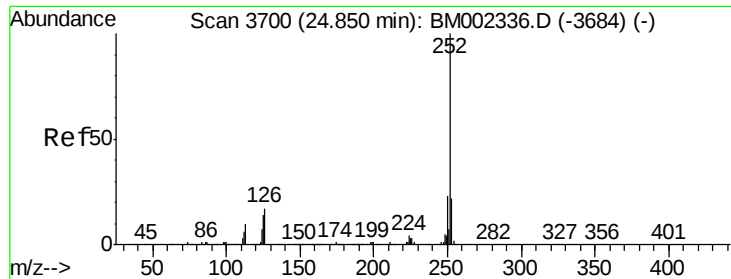


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

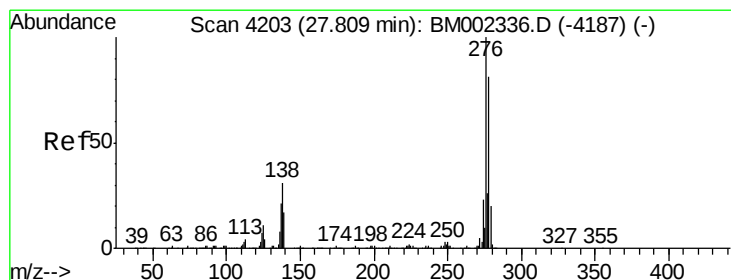
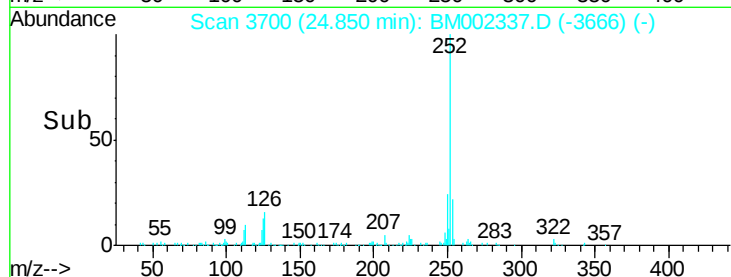
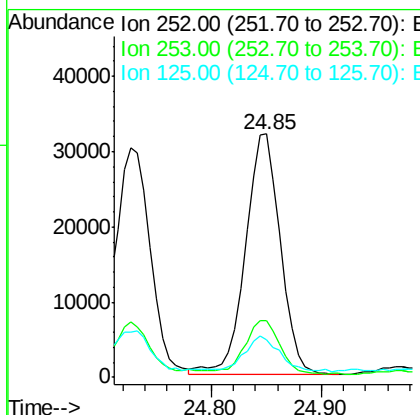
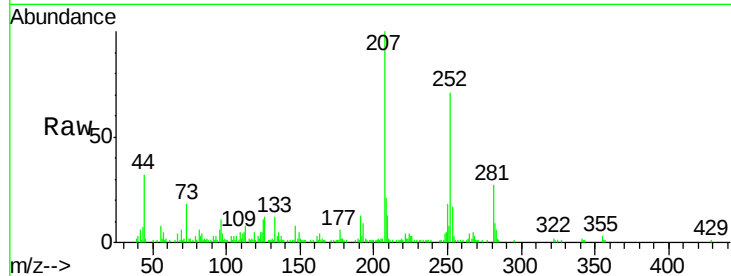




#26
Benzo(a)pyrene
Concen: 1.63 ng/ul
RT: 24.85 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BM002337.D
Acq: 12 Aug 2015 00:06

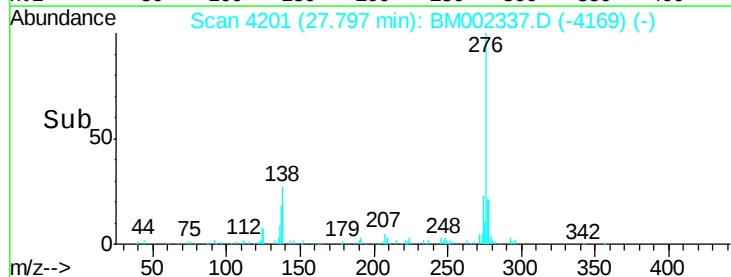
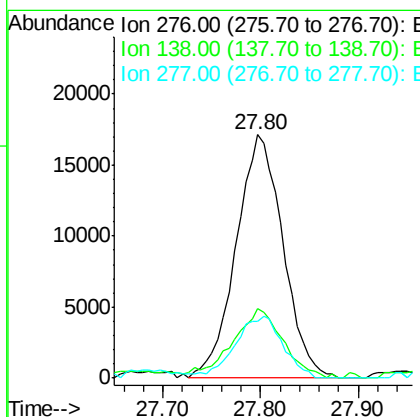
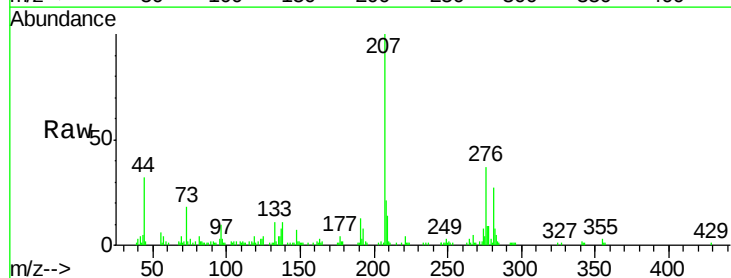
Instrument :
BNA_M
ClientSampleId :
D9C77

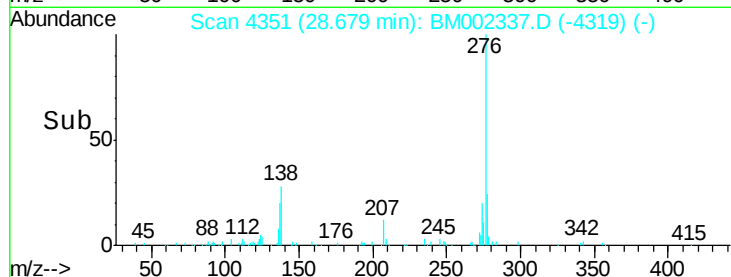
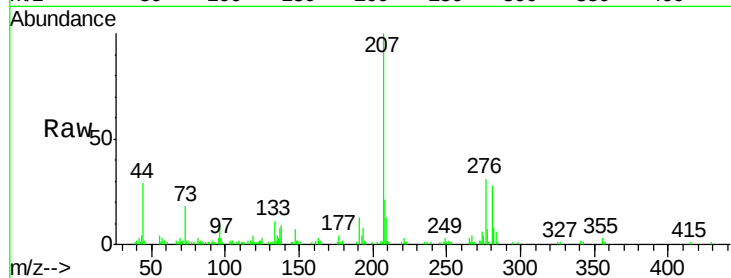
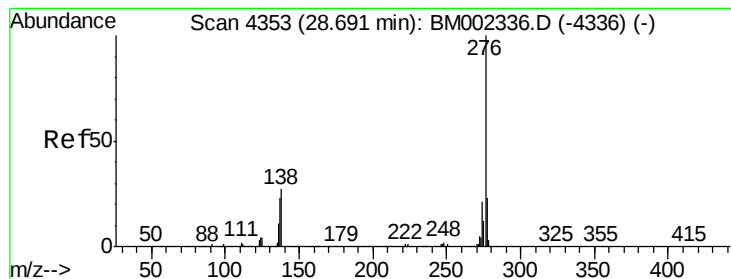
Tot Ion:252 Resp: 71132
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 15.3 11.0 16.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.15 ng/ul
RT: 27.80 min Scan# 4201
Delta R.T. -0.01 min
Lab File: BM002337.D
Acq: 12 Aug 2015 00:06

Tgt Ion:276 Resp: 57444
Ion Ratio Lower Upper
276 100
138 28.5 25.6 38.4
277 23.4 21.0 31.4





#29

Benzo(a,h,i)perylene

Concen: 1.30 ng/ul

RT: 28.68 min Scan# 4351

Delta R.T. -0.01 min

Lab File: BM002337.D

Acq: 12 Aug 2015 00:06

Instrument :

BNA_M

ClientSampleId :

D9C77

Tot Ion:276 Resp: 54894

Ion Ratio Lower Upper

276 100

138 27.9 20.5 30.7

277 23.9 19.0 28.6

