

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002341.D
 Acq On : 12 Aug 2015 02:31
 Operator : UM/IZ
 Sample : G3162-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C71

Quant Time: Aug 12 04:51:49 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	196996	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	930389	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	517104	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1076327	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	949714	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	742454	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1136978	21.22	ng/ul	0.00
10) Fluorene-d10	16.45	176	761096	20.43	ng/ul	0.00
14) Anthracene-d10	18.29	188	1105375	21.16	ng/ul	0.00
18) Pyrene-d10	20.50	212	1087336	23.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	764280	19.39	ng/ul	0.00

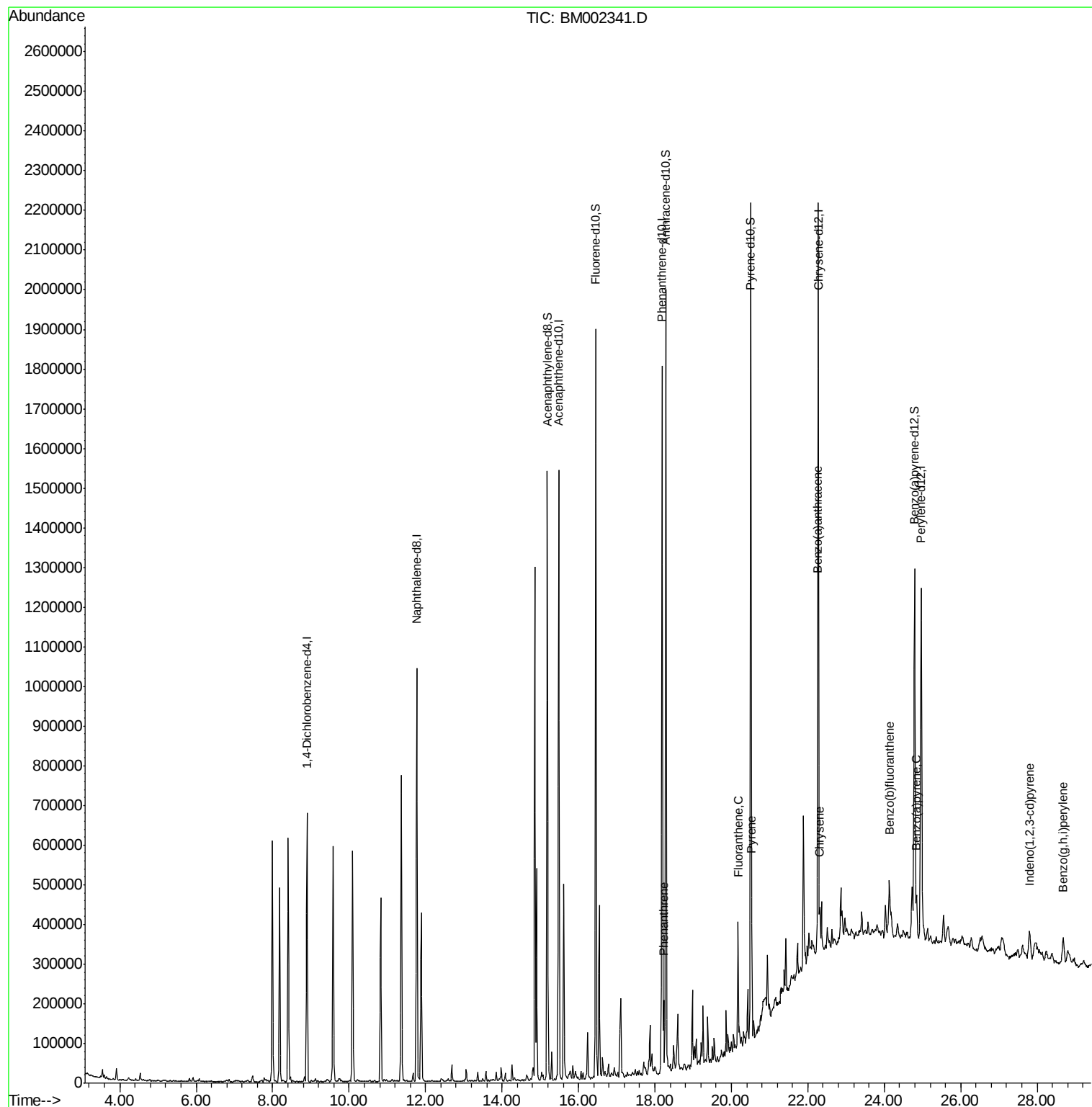
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	18.23	178	106920	1.73	ng/ul	98
16) Fluoranthene	20.17	202	185054	2.70	ng/ul	99
19) Pyrene	20.53	202	144744	2.36	ng/ul	96
20) Benzo(a)anthracene	22.26	228	71198	1.23	ng/ul#	95
21) Chrysene	22.32	228	90503	1.65	ng/ul#	94
23) Benzo(b)fluoranthene	24.13	252	129874	2.81	ng/ul	98
26) Benzo(a)pyrene	24.84	252	73053	1.65	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	27.80	276	72034	1.42	ng/ul	93
29) Benzo(g,h,i)perylene	28.69	276	83593	1.96	ng/ul	98

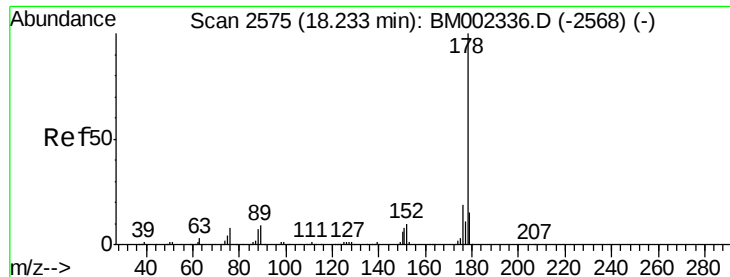
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002341.D
Acq On : 12 Aug 2015 02:31
Operator : UM/IZ
Sample : G3162-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C71

Quant Time: Aug 12 04:51:49 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





#13

Phenanthrene

Concen: 1.73 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

Instrument :

BNA_M

ClientSampleId :

D9C71

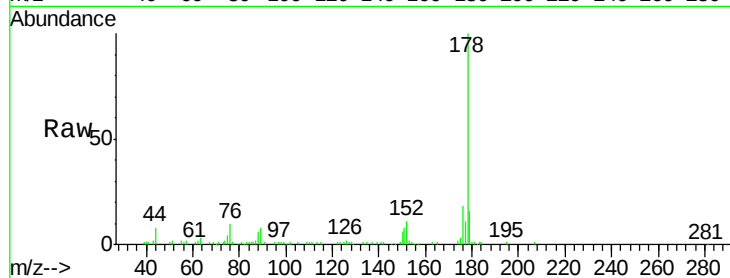
Tot Ion:178 Resp: 106920

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

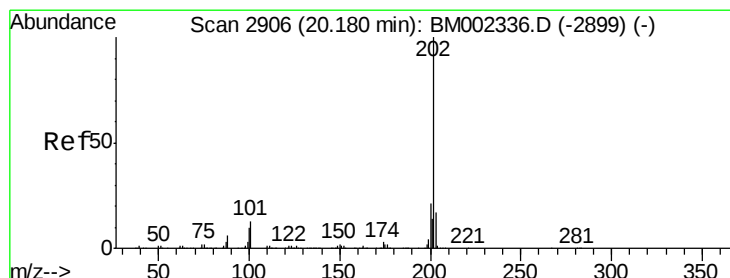
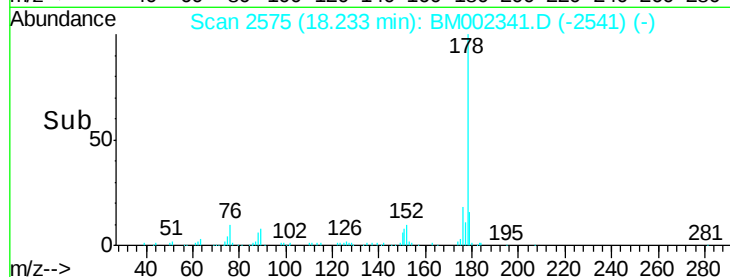
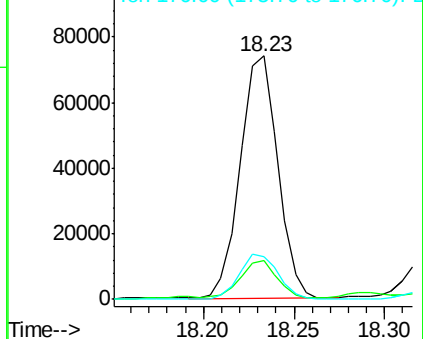
176 17.8 15.3 22.9



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: 2.70 ng/ul

RT: 20.17 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

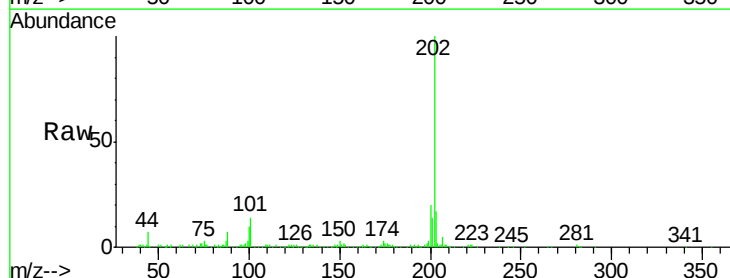
Tgt Ion:202 Resp: 185054

Ion Ratio Lower Upper

202 100

101 13.7 10.6 15.8

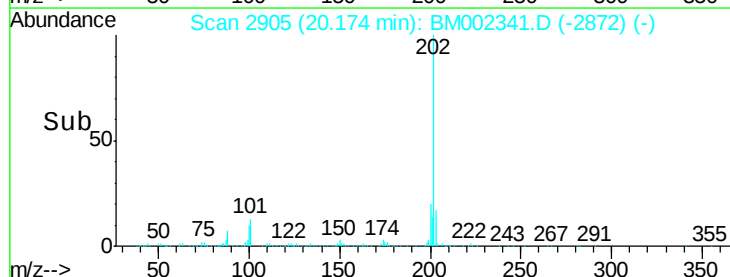
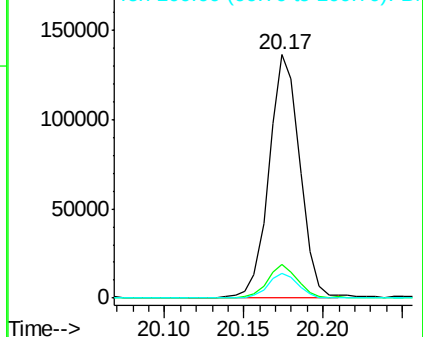
100 10.1 8.2 12.4

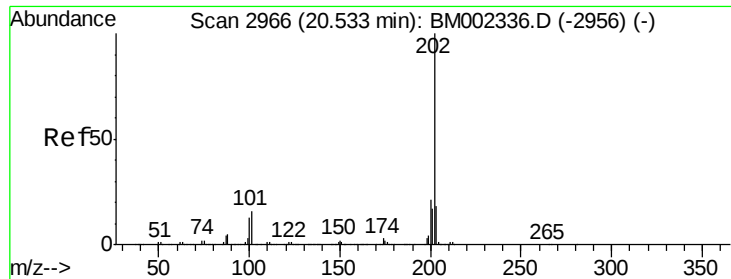


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 2.36 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

Instrument :

BNA_M

ClientSampleId :

D9C71

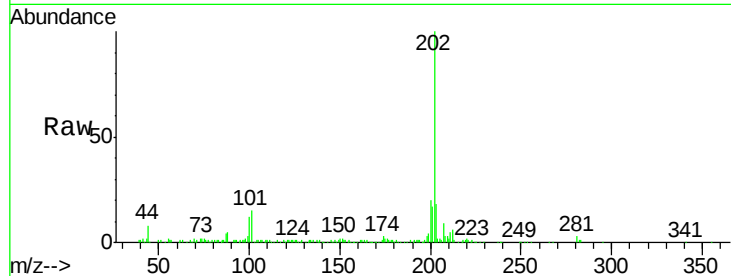
Tot Ion:202 Resp: 144744

Ion Ratio Lower Upper

202 100

101 14.8 13.0 19.6

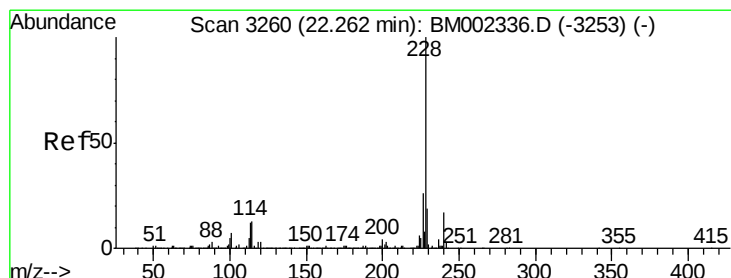
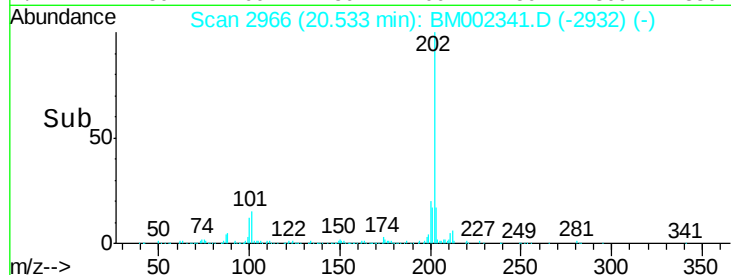
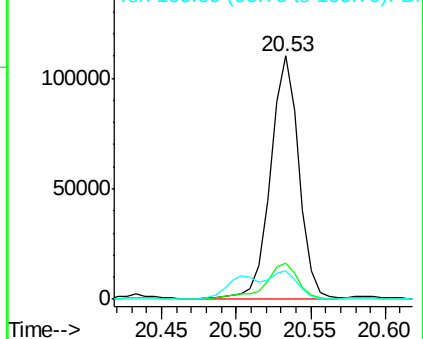
100 11.6 11.0 16.4



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: 1.23 ng/ul

RT: 22.26 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

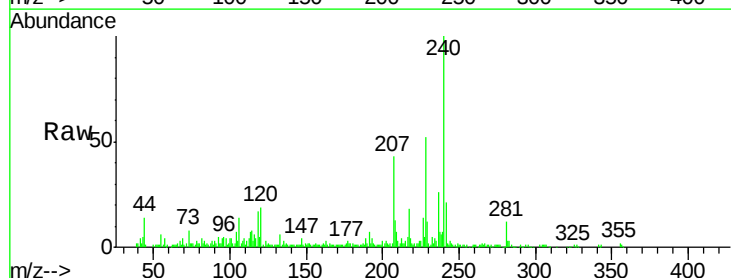
Tgt Ion:228 Resp: 71198

Ion Ratio Lower Upper

228 100

229 23.8 15.7 23.5#

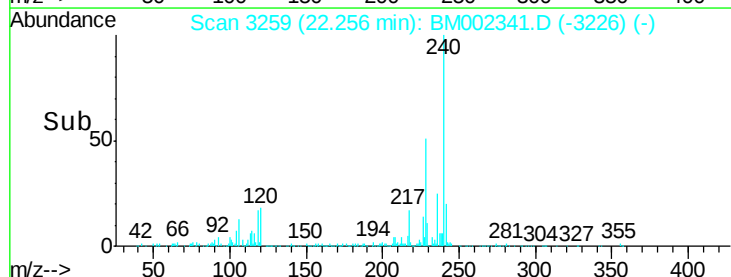
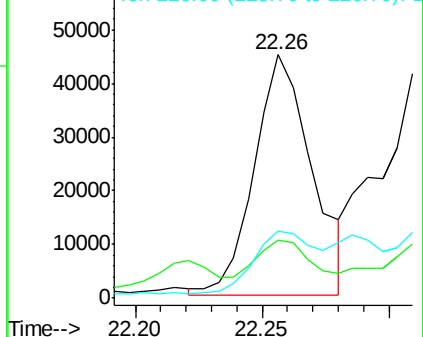
226 27.7 21.4 32.0

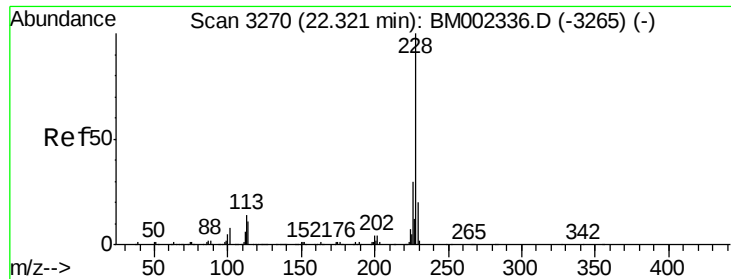


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.65 ng/ul

RT: 22.32 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

Instrument :

BNA_M

ClientSampleId :

D9C71

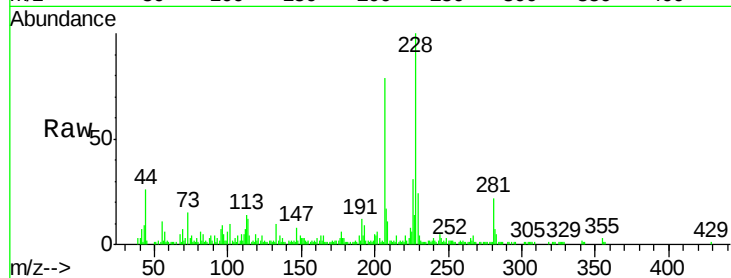
Tot Ion:228 Resp: 90503

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

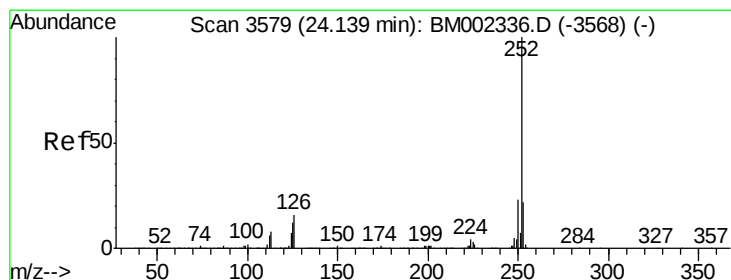
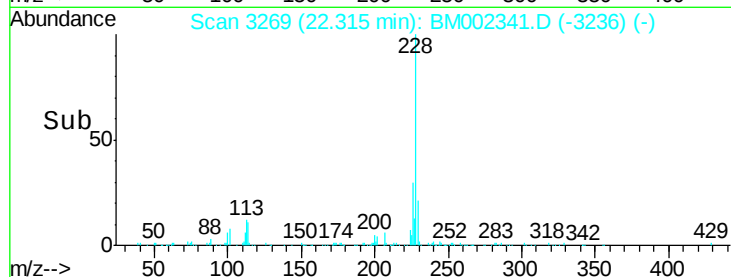
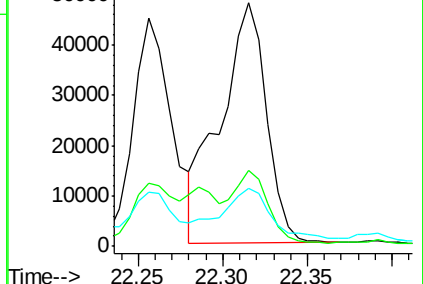
229 24.1 15.5 23.3#



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: 2.81 ng/ul

RT: 24.13 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

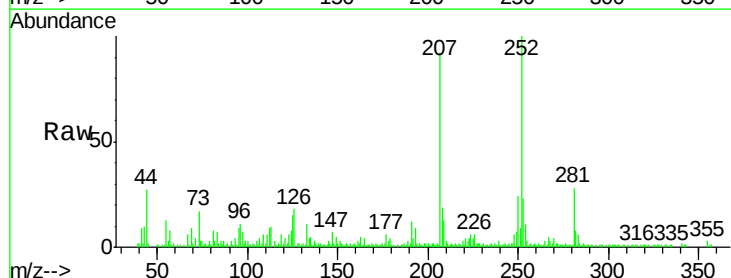
Tgt Ion:252 Resp: 129874

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

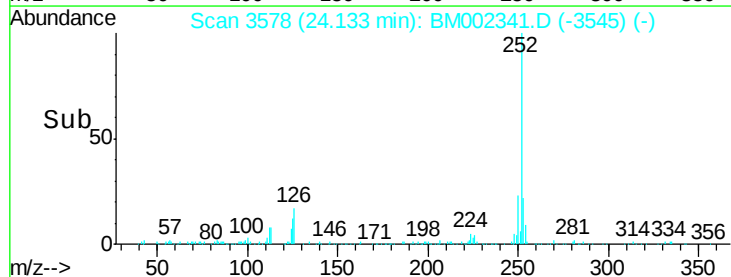
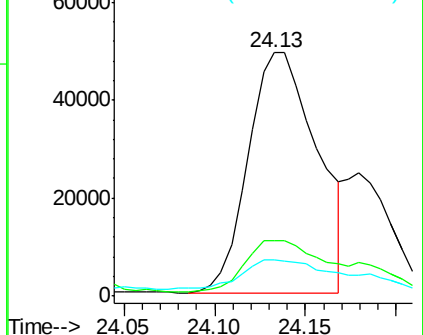
125 14.7 10.3 15.5

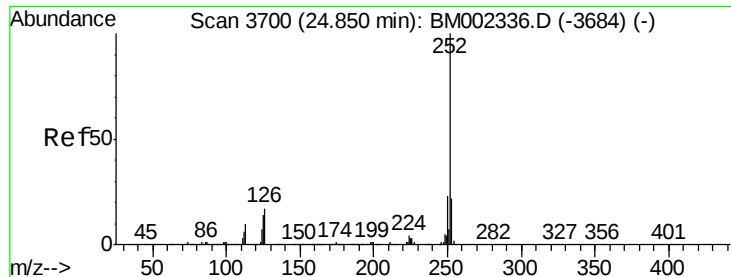


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.65 ng/ul

RT: 24.84 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

Instrument :

BNA_M

ClientSampleId :

D9C71

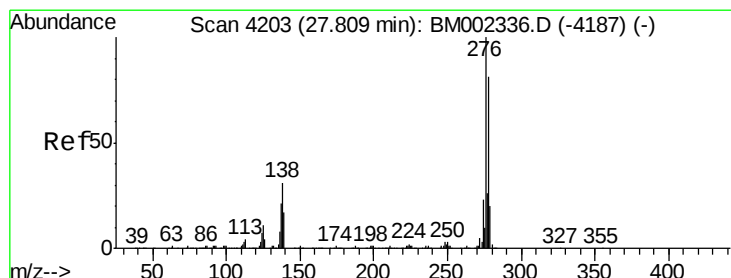
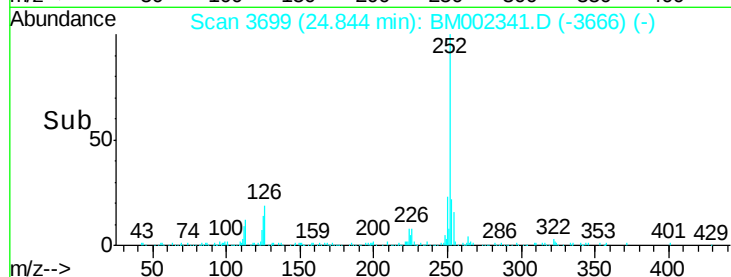
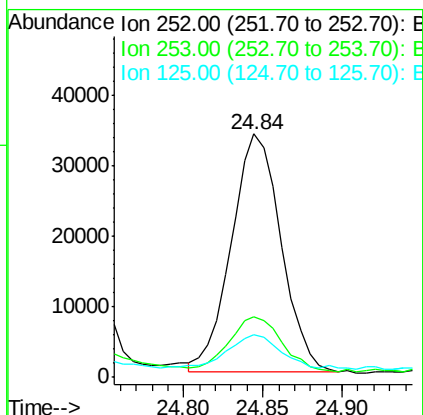
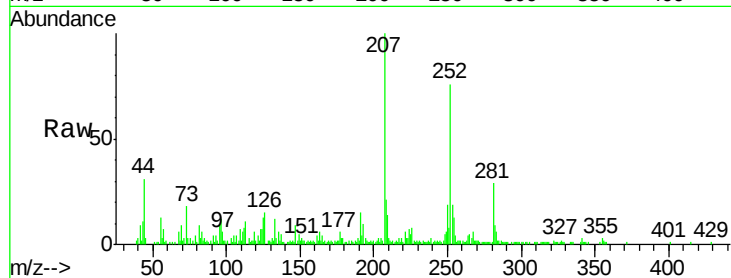
Tot Ion:252 Resp: 73053

Ion Ratio Lower Upper

252 100

253 24.9 17.3 25.9

125 17.5 11.0 16.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.42 ng/ul

RT: 27.80 min Scan# 4201

Delta R.T. -0.01 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

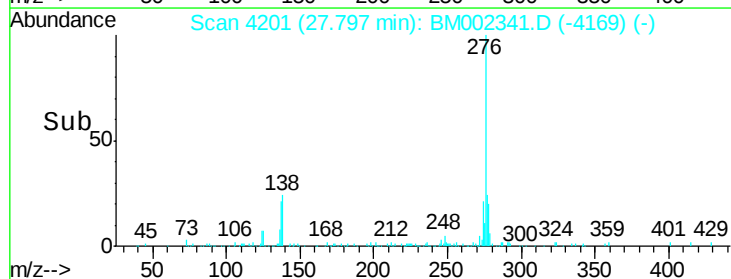
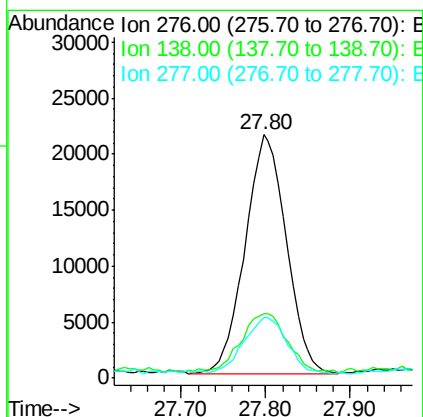
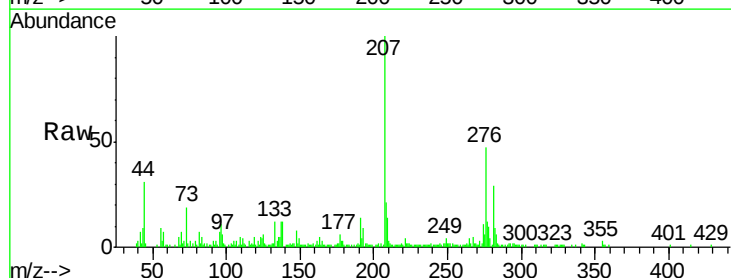
Tgt Ion:276 Resp: 72034

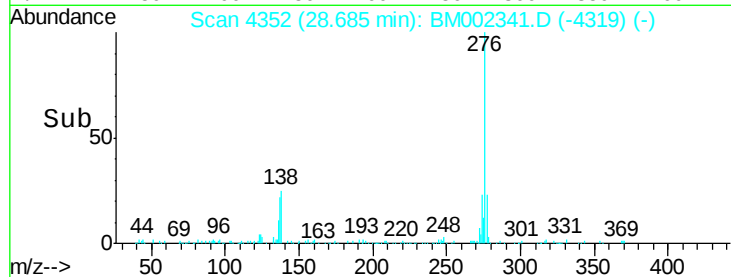
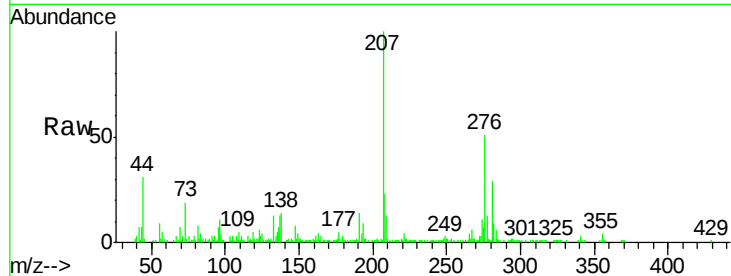
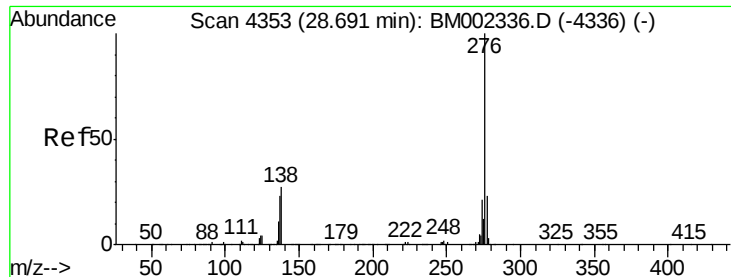
Ion Ratio Lower Upper

276 100

138 26.3 25.6 38.4

277 24.9 21.0 31.4





#29

Benzo(a,h,i)perylene

Concen: 1.96 ng/ul

RT: 28.69 min Scan# 4352

Delta R.T. -0.01 min

Lab File: BM002341.D

Acq: 12 Aug 2015 02:31

Instrument :

BNA_M

ClientSampleId :

D9C71

Tot Ion:276 Resp: 83593

Ion Ratio Lower Upper

276 100

138 26.7 20.5 30.7

277 24.6 19.0 28.6

