

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002340.D
 Acq On : 12 Aug 2015 01:55
 Operator : UM/IZ
 Sample : G3162-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C70

Quant Time: Aug 12 04:51:38 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	223916	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1045118	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	546553	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1100250	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	872284	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	680424	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1195365	21.11	ng/ul	0.00
10) Fluorene-d10	16.45	176	788748	20.03	ng/ul	0.00
14) Anthracene-d10	18.29	188	1110991	20.81	ng/ul	0.00
18) Pyrene-d10	20.50	212	1053459	24.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	668511	18.50	ng/ul	0.00

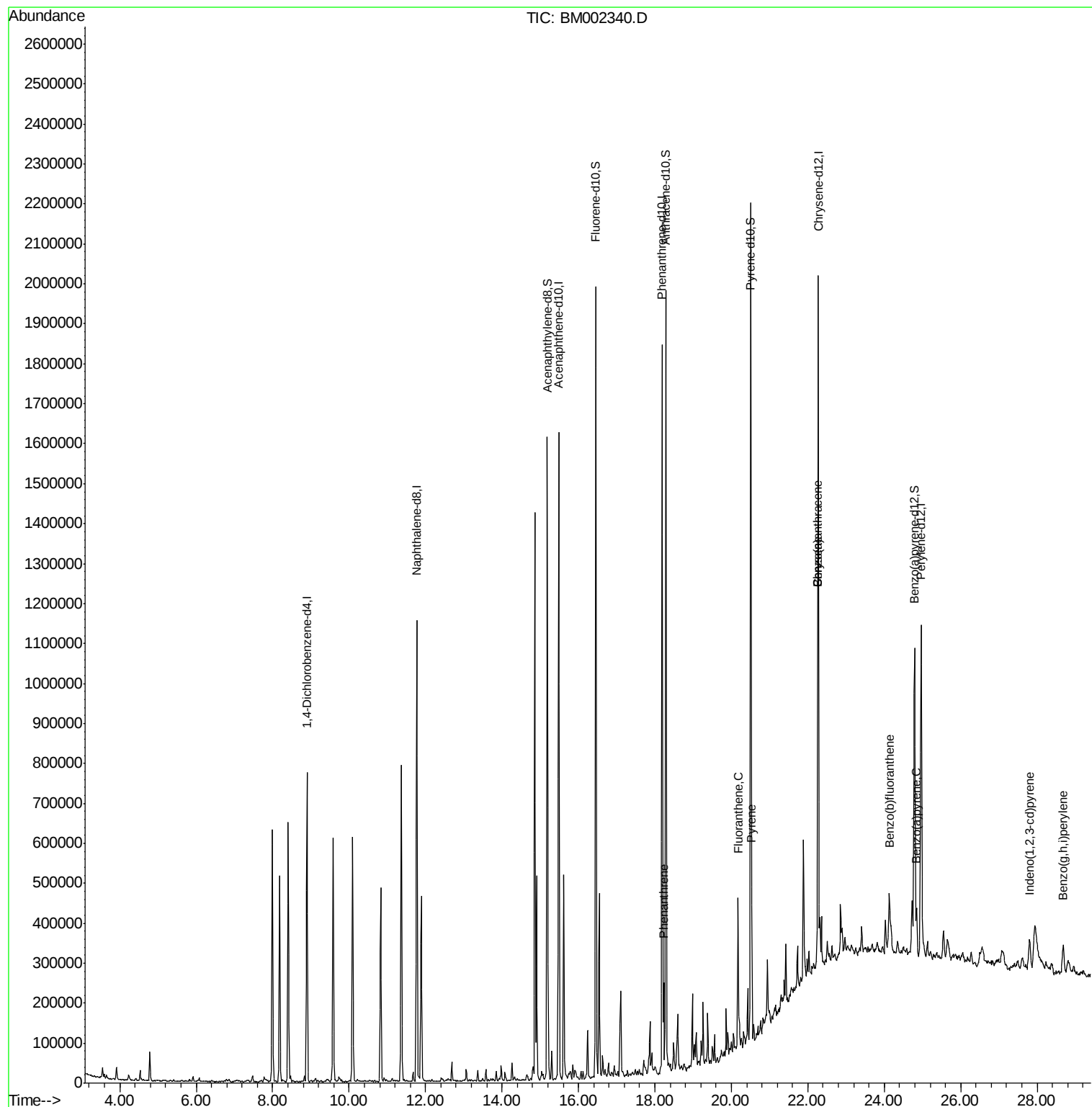
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.23	178	133383	2.11	ng/ul	99
16) Fluoranthene	20.17	202	223329	3.19	ng/ul	99
19) Pyrene	20.53	202	173062	3.07	ng/ul	97
20) Benzo(a)anthracene	22.26	228	76476	1.44	ng/ul	97
21) Chrysene	22.26	228	75817	1.50	ng/ul	96
23) Benzo(b)fluoranthene	24.13	252	135309	3.20	ng/ul#	96
26) Benzo(a)pyrene	24.84	252	76985	1.90	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.80	276	76656	1.65	ng/ul	96
29) Benzo(g,h,i)perylene	28.69	276	81584	2.08	ng/ul	97

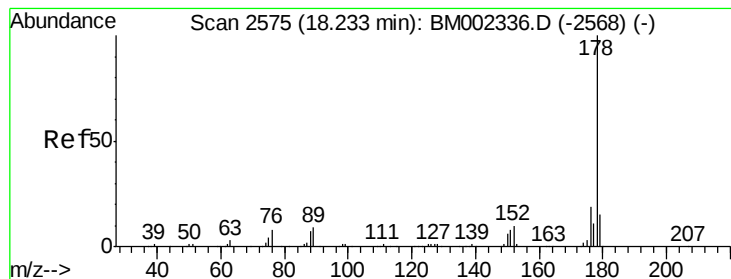
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.11 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

Instrument :

BNA_M

ClientSampleId :

D9C70

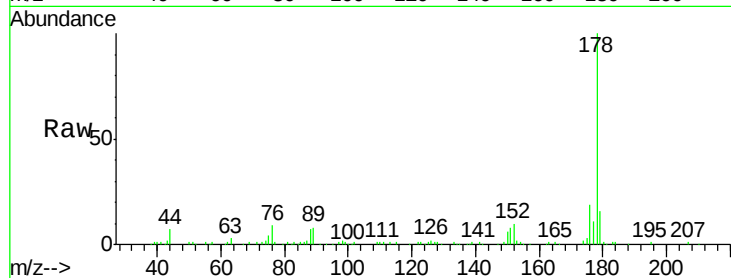
Tgt Ion:178 Resp: 133383

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

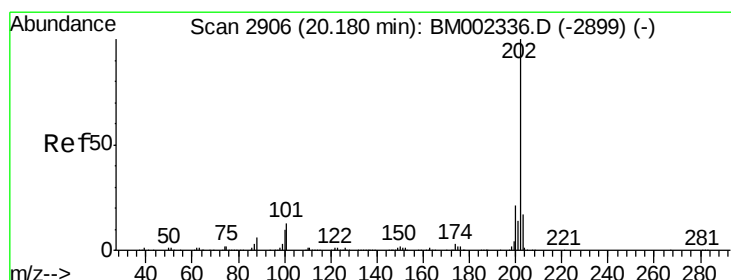
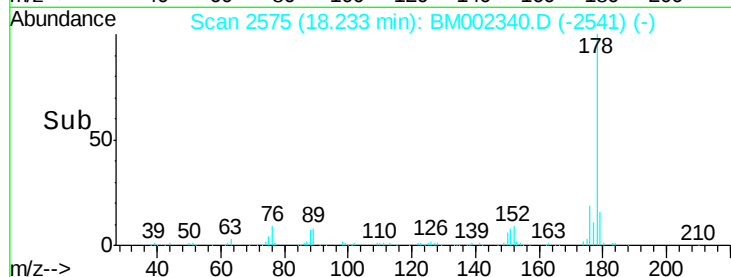
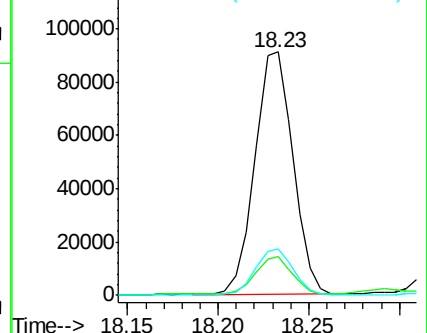
176 19.0 15.3 22.9



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: 3.19 ng/ul

RT: 20.17 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

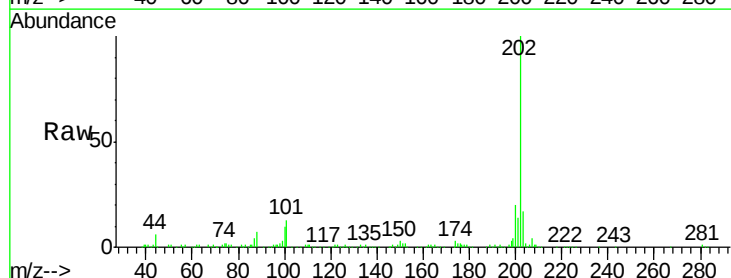
Tgt Ion:202 Resp: 223329

Ion Ratio Lower Upper

202 100

101 12.6 10.6 15.8

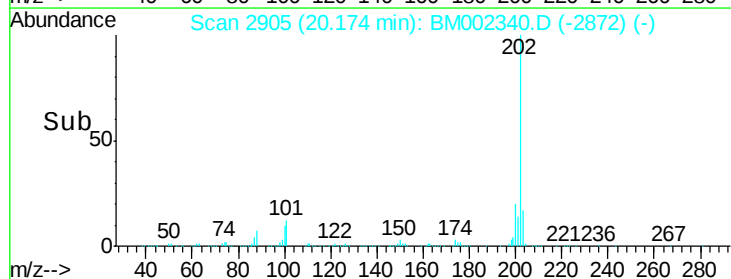
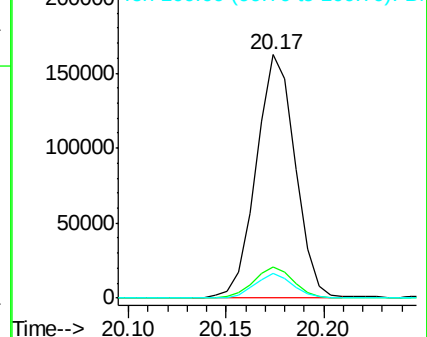
100 10.3 8.2 12.4

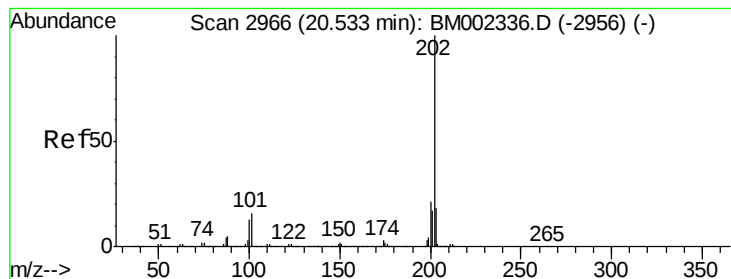


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 3.07 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

Instrument :

BNA_M

ClientSampleId :

D9C70

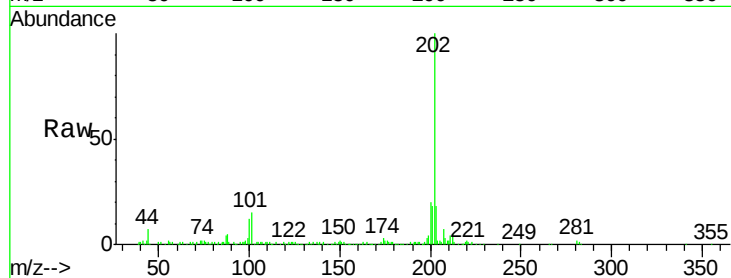
Tgt Ion:202 Resp: 173062

Ion Ratio Lower Upper

202 100

101 15.2 13.0 19.6

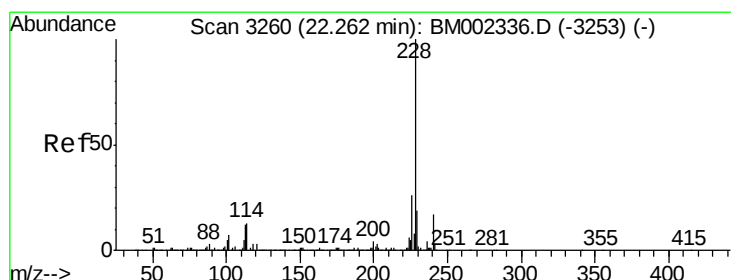
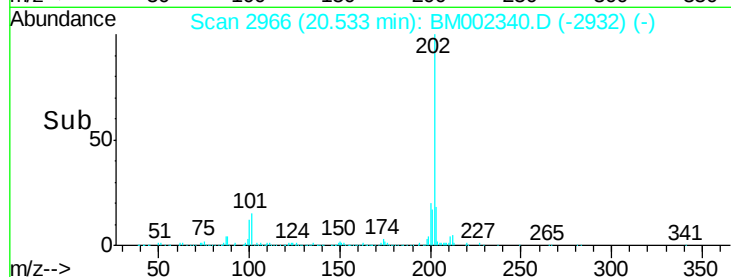
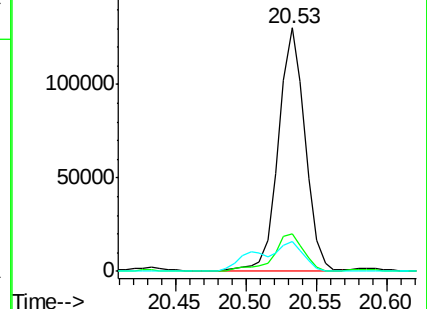
100 12.3 11.0 16.4



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: 1.44 ng/ul

RT: 22.26 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

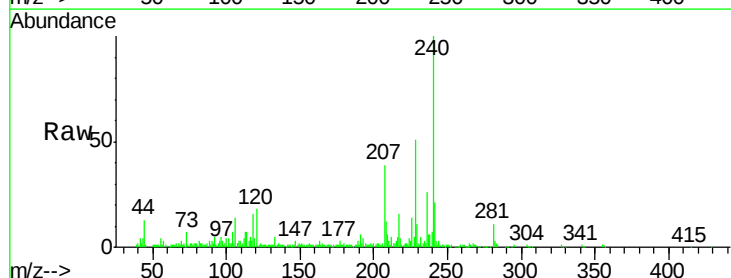
Tgt Ion:228 Resp: 76476

Ion Ratio Lower Upper

228 100

229 22.2 15.7 23.5

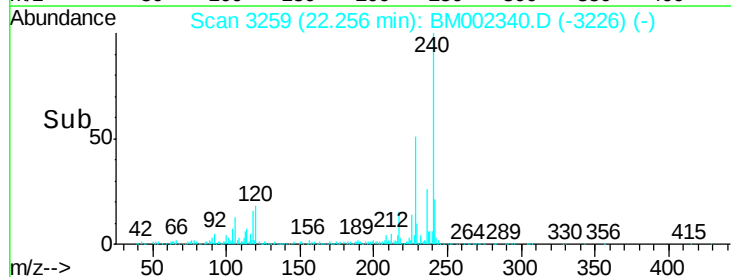
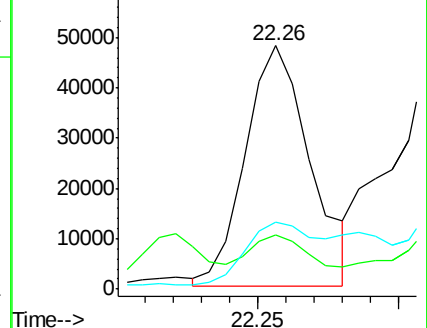
226 27.5 21.4 32.0

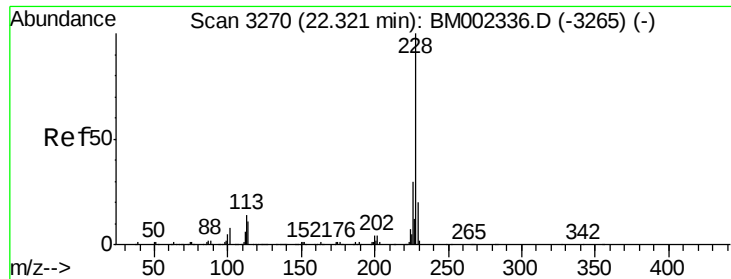


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.50 ng/ul

RT: 22.26 min Scan# 3259

Delta R.T. -0.06 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

Instrument :

BNA_M

ClientSampleId :

D9C70

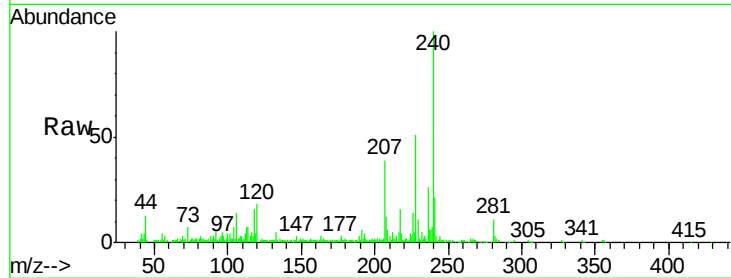
Tgt Ion:228 Resp: 75817

Ion Ratio Lower Upper

228 100

226 27.5 23.4 35.0

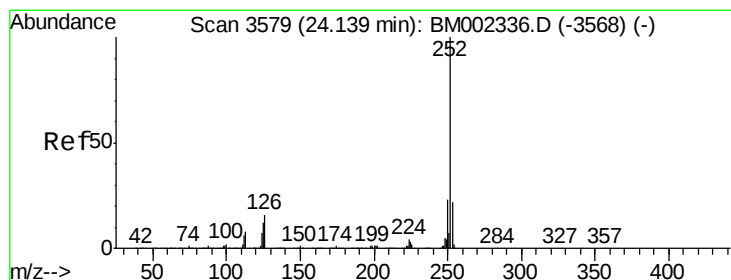
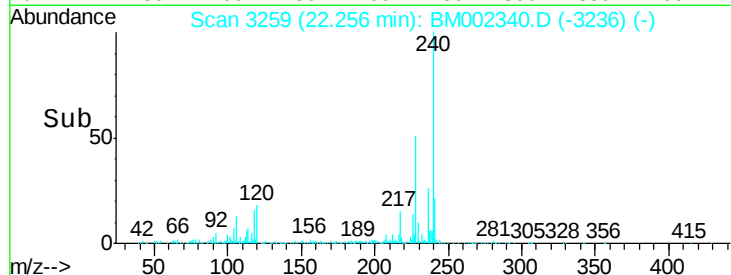
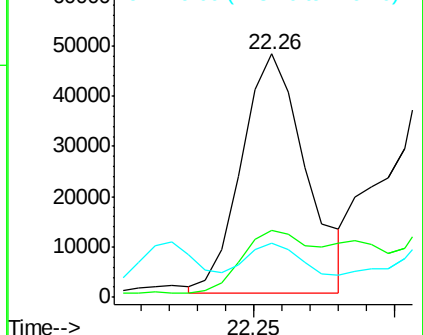
229 22.2 15.5 23.3



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: 3.20 ng/ul

RT: 24.13 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

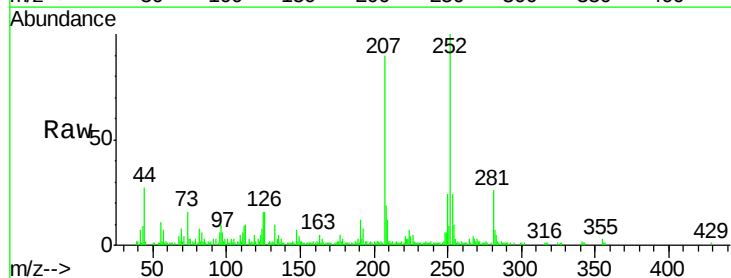
Tgt Ion:252 Resp: 135309

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

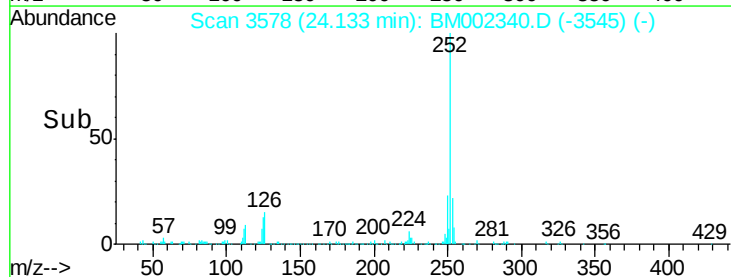
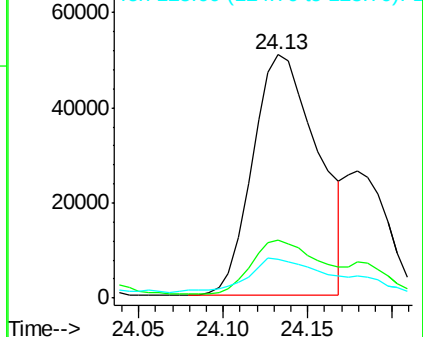
125 15.8 10.3 15.5#

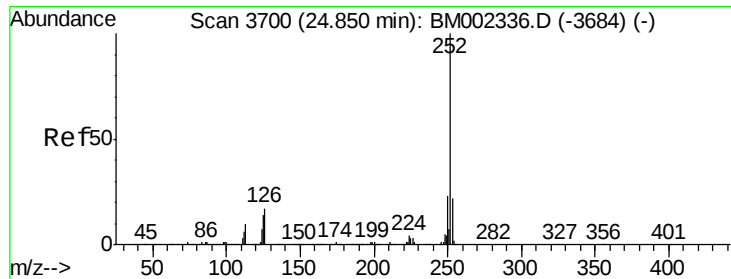


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.90 ng/ul

RT: 24.84 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

Instrument :

BNA_M

ClientSampleId :

D9C70

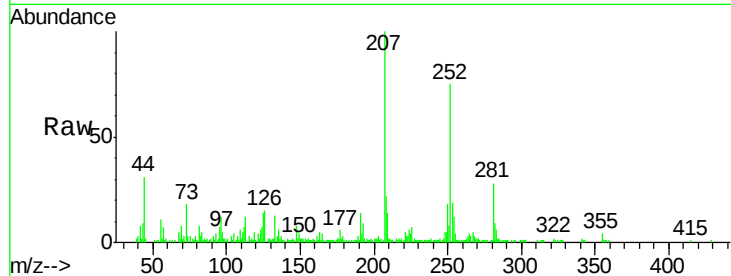
Tgt Ion: 252 Resp: 76985

Ion Ratio Lower Upper

252 100

253 25.6 17.3 25.9

125 18.9 11.0 16.6#

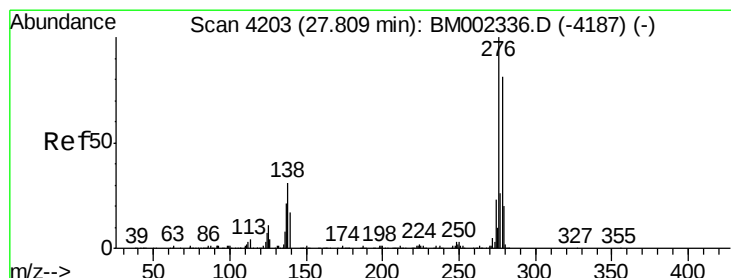
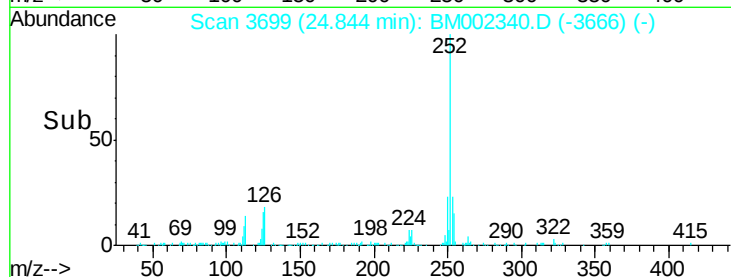
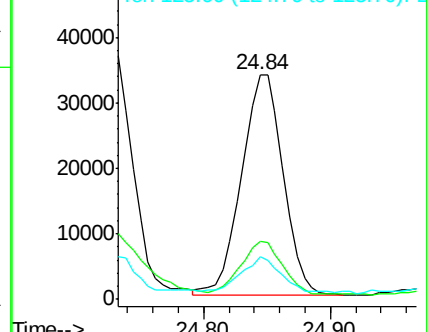


Abundance

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: 1.65 ng/ul

RT: 27.80 min Scan# 4201

Delta R.T. -0.01 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

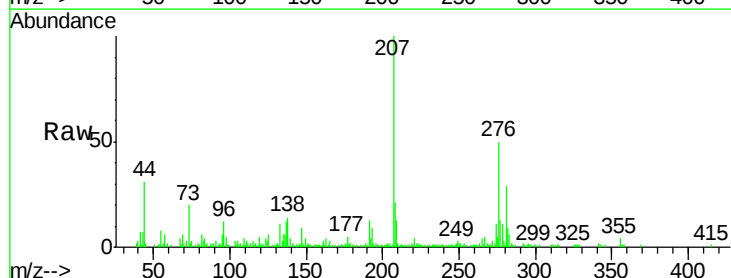
Tgt Ion: 276 Resp: 76656

Ion Ratio Lower Upper

276 100

138 28.1 25.6 38.4

277 26.0 21.0 31.4

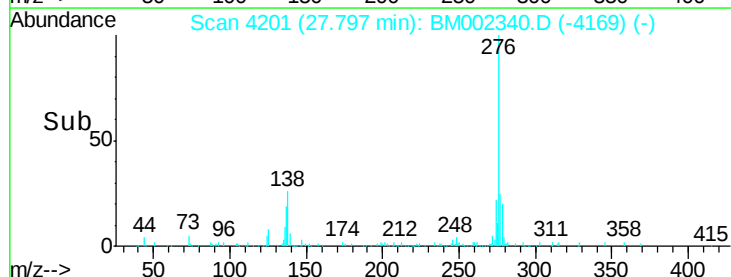
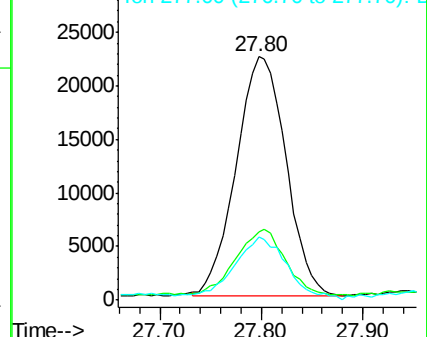


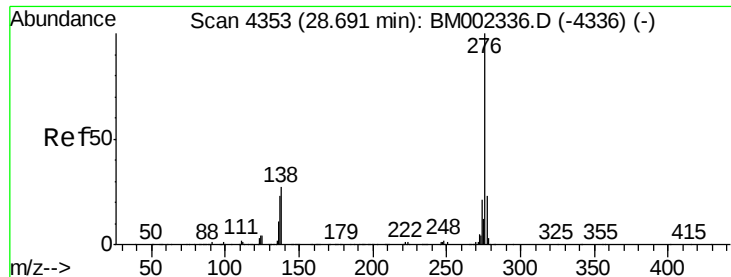
Abundance

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: 2.08 ng/ul

RT: 28.69 min Scan# 4352

Delta R.T. -0.01 min

Lab File: BM002340.D

Acq: 12 Aug 2015 01:55

Instrument :

BNA_M

ClientSampleId :

D9C70

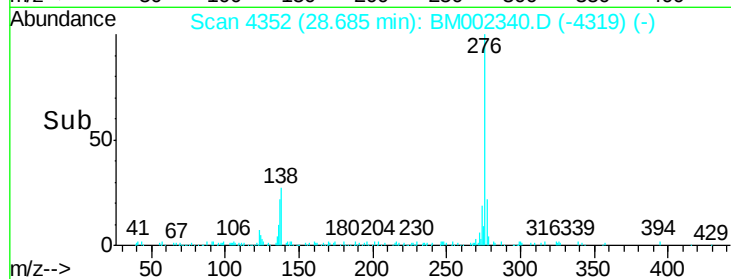
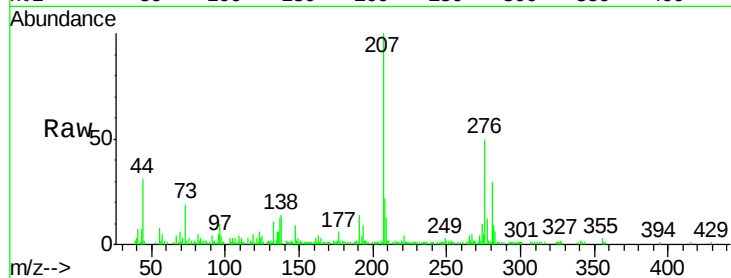
Tgt Ion: 276 Resp: 81584

Ion Ratio Lower Upper

276 100

138 28.9 20.5 30.7

277 23.7 19.0 28.6



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

