

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002344.D
 Acq On : 12 Aug 2015 04:20
 Operator : UM/IZ
 Sample : G3162-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C76

Quant Time: Aug 12 05:10:51 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	205768	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	977444	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	514764	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1033143	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	783913	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	655129	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	891682	16.72	ng/ul	0.00
10) Fluorene-d10	16.45	176	607859	16.39	ng/ul	0.00
14) Anthracene-d10	18.29	188	833630	16.63	ng/ul	0.00
18) Pyrene-d10	20.50	212	769129	20.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	520751	14.97	ng/ul	0.00

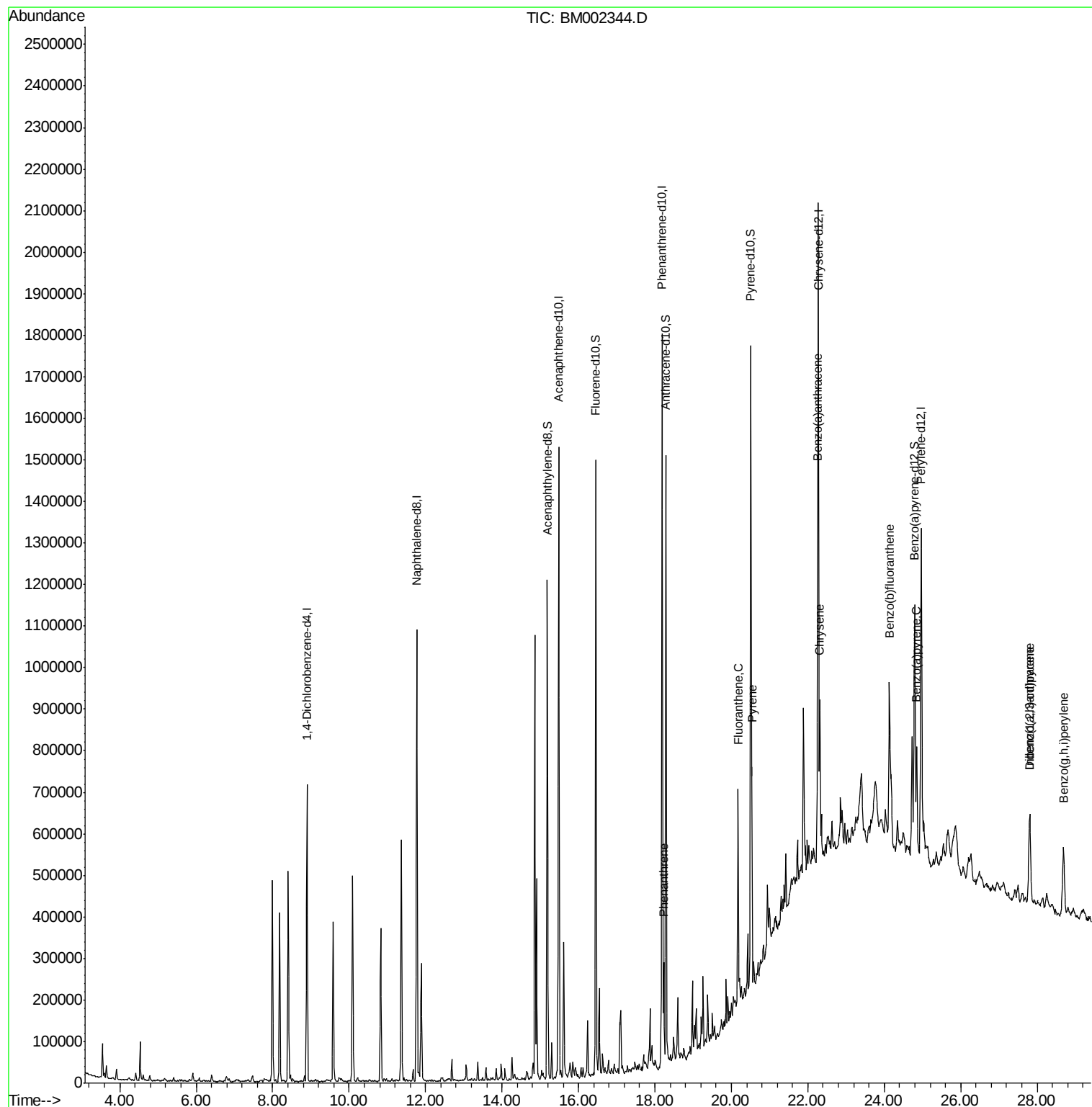
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.23	178	145141	2.44	ng/ul	100
16) Fluoranthene	20.17	202	312817	4.75	ng/ul	99
19) Pyrene	20.53	202	286873	5.66	ng/ul	98
20) Benzo(a)anthracene	22.26	228	197683	4.13	ng/ul	98
21) Chrysene	22.32	228	236663	5.22	ng/ul	96
23) Benzo(b)fluoranthene	24.14	252	415154	10.20	ng/ul	98
26) Benzo(a)pyrene	24.85	252	223130	5.73	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.80	276	227393	5.09	ng/ul	94
28) Dibenzo(a,h)anthracene	27.81	278	63884	1.69	ng/ul#	84
29) Benzo(g,h,i)perylene	28.69	276	218842	5.81	ng/ul	96

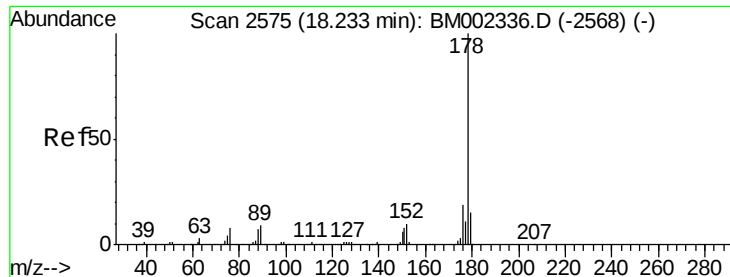
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.44 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

Instrument :

BNA_M

ClientSampleId :

D9C76

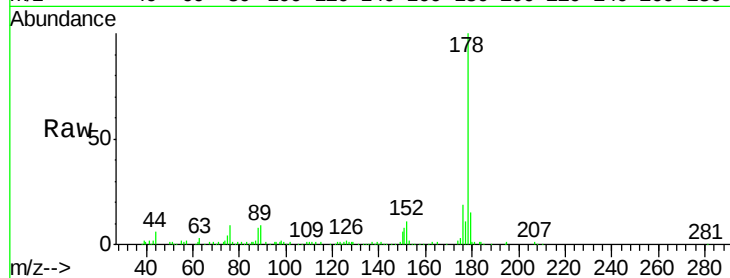
Tgt Ion:178 Resp: 145141

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

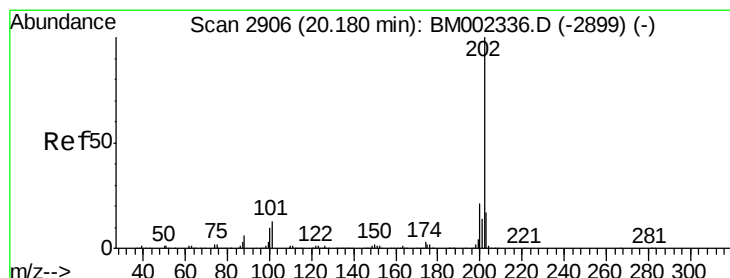
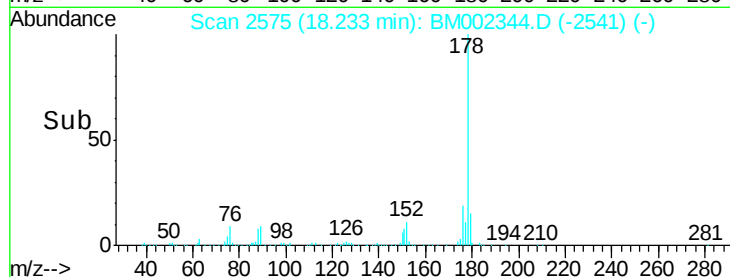
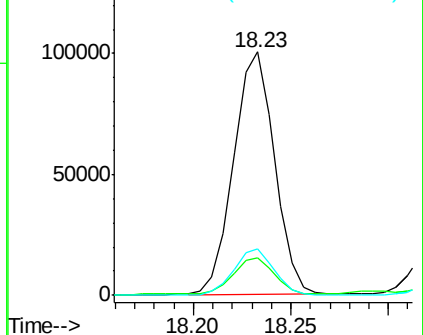
176 19.0 15.3 22.9



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: 4.75 ng/ul

RT: 20.17 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

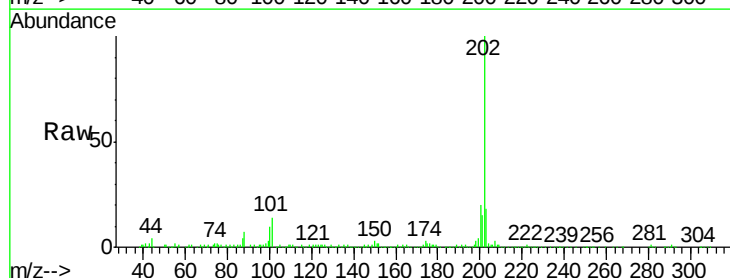
Tgt Ion:202 Resp: 312817

Ion Ratio Lower Upper

202 100

101 13.7 10.6 15.8

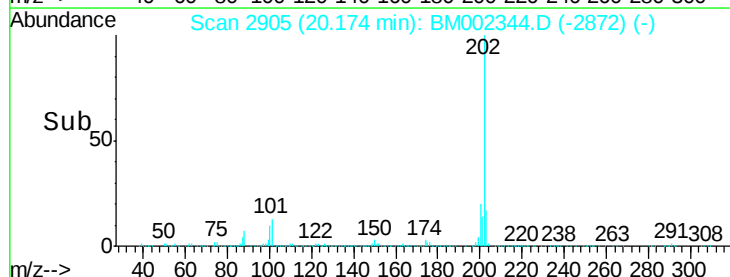
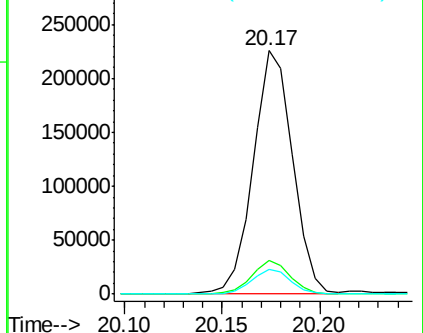
100 10.2 8.2 12.4

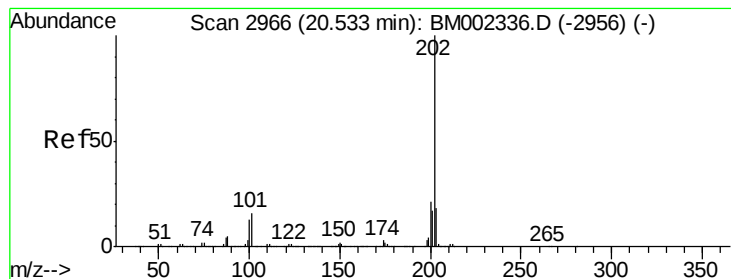


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 5.66 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

Instrument :

BNA_M

ClientSampleId :

D9C76

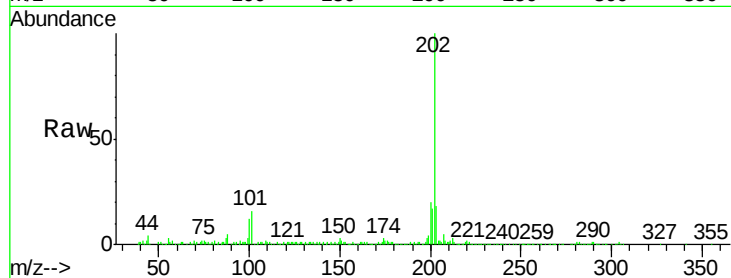
Tgt Ion:202 Resp: 286873

Ion Ratio Lower Upper

202 100

101 15.8 13.0 19.6

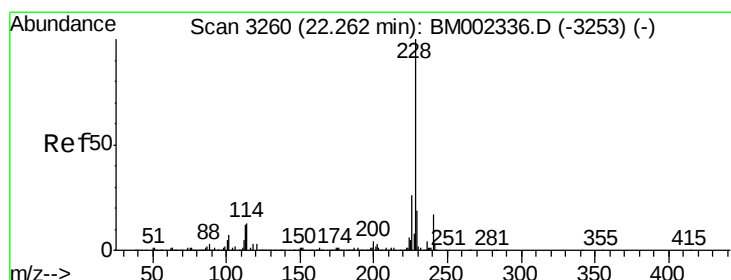
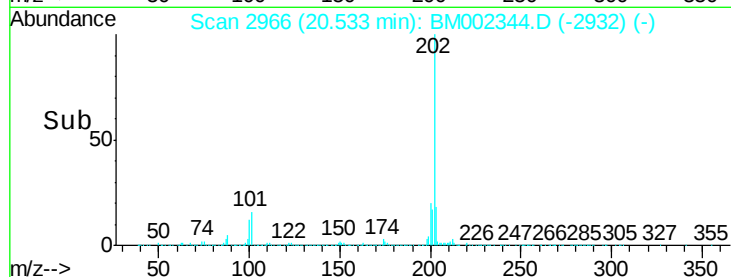
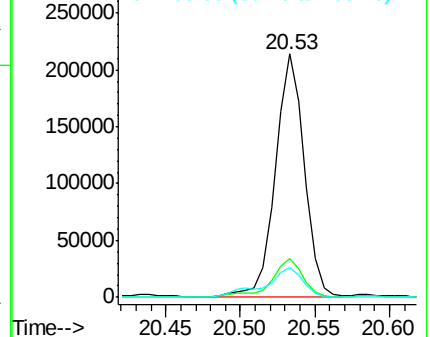
100 12.3 11.0 16.4



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: 4.13 ng/ul

RT: 22.26 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

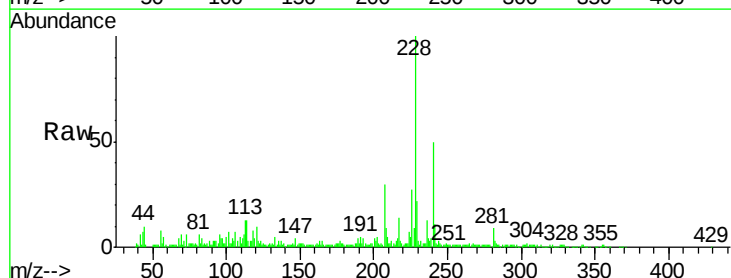
Tgt Ion:228 Resp: 197683

Ion Ratio Lower Upper

228 100

229 21.8 15.7 23.5

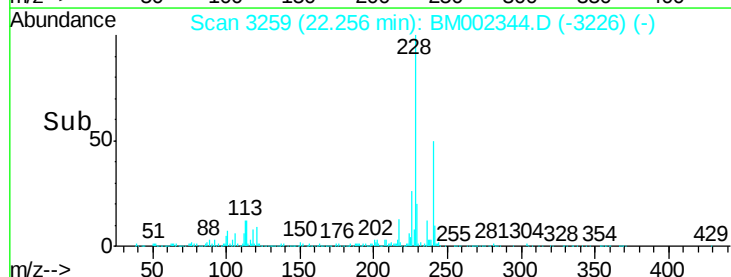
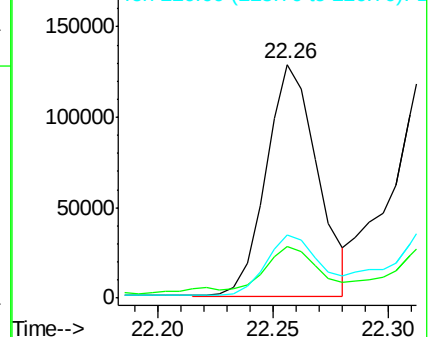
226 26.8 21.4 32.0

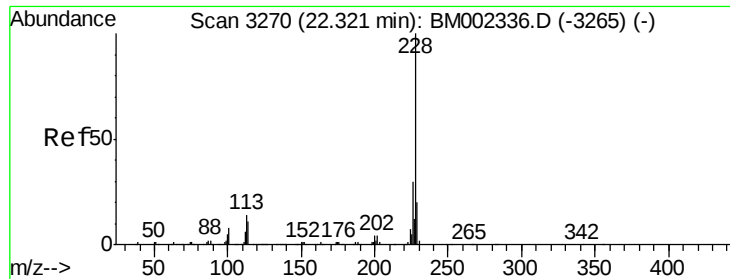


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 5.22 ng/ul

RT: 22.32 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

Instrument :

BNA_M

ClientSampleId :

D9C76

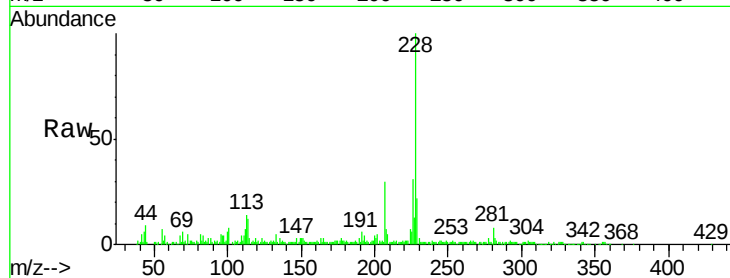
Tgt Ion:228 Resp: 236663

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

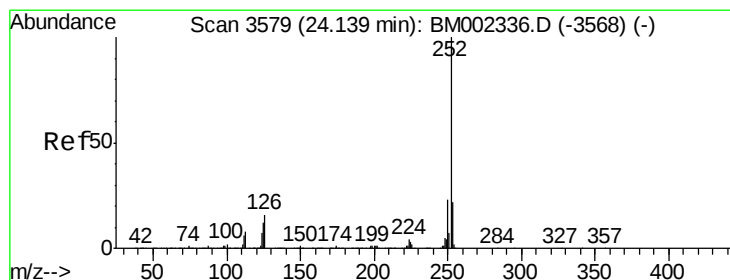
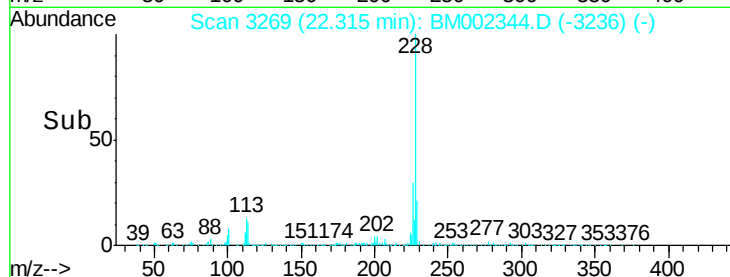
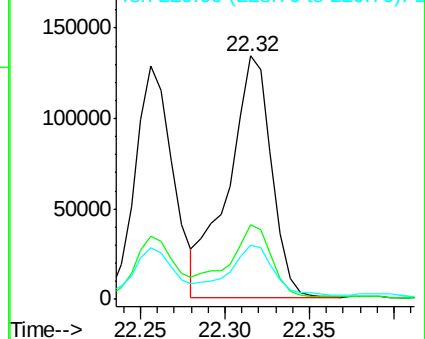
229 22.4 15.5 23.3



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: 10.20 ng/ul

RT: 24.14 min Scan# 3579

Delta R.T. -0.00 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

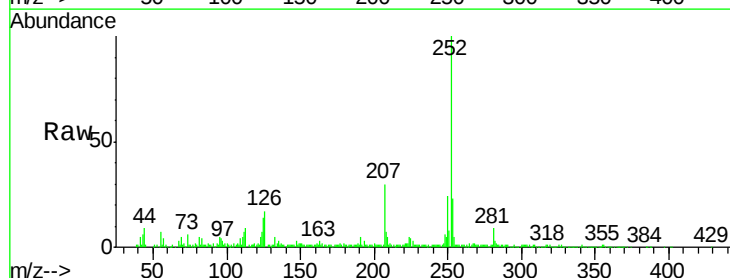
Tgt Ion:252 Resp: 415154

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

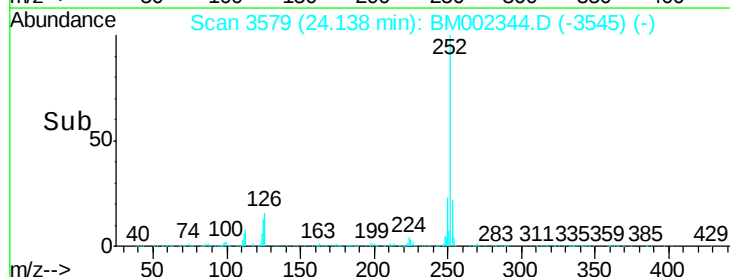
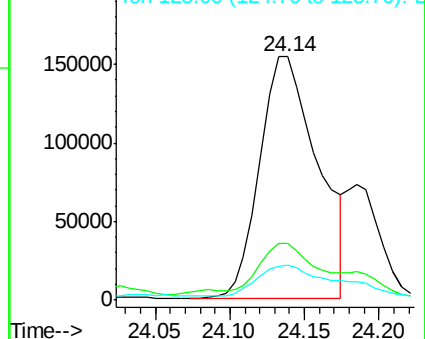
125 14.4 10.3 15.5

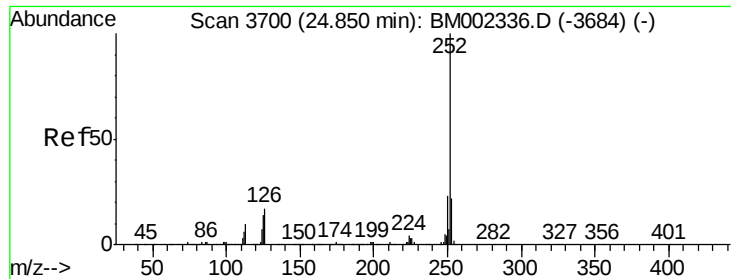


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 5.73 ng/ul

RT: 24.85 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

Instrument :

BNA_M

ClientSampleId :

D9C76

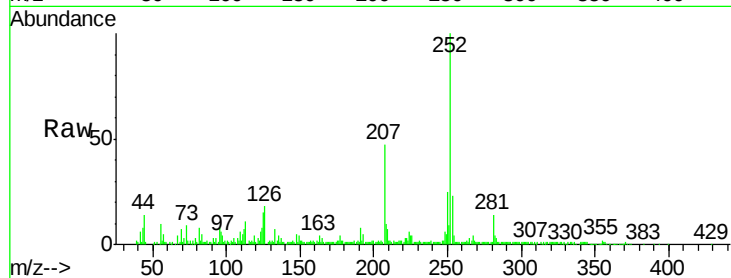
Tgt Ion: 252 Resp: 223130

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

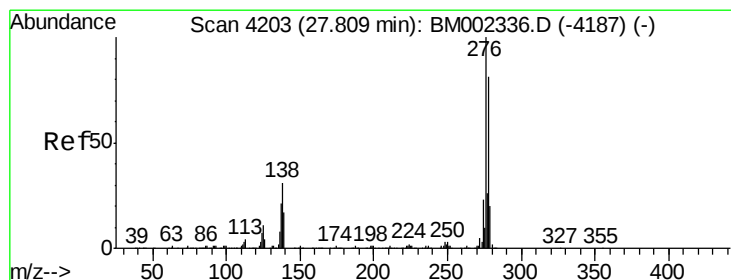
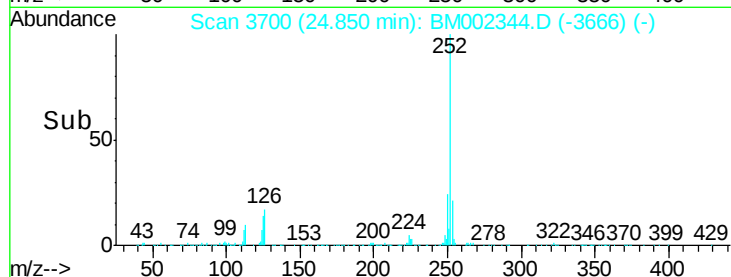
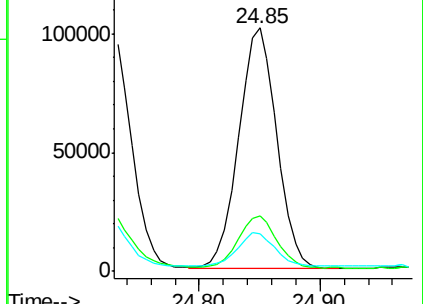
125 15.5 11.0 16.6



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: 5.09 ng/ul

RT: 27.80 min Scan# 4202

Delta R.T. -0.01 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

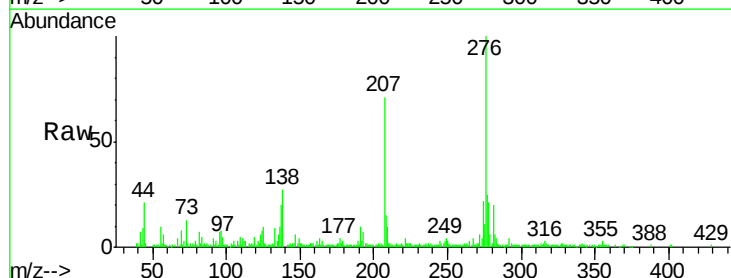
Tgt Ion: 276 Resp: 227393

Ion Ratio Lower Upper

276 100

138 26.9 25.6 38.4

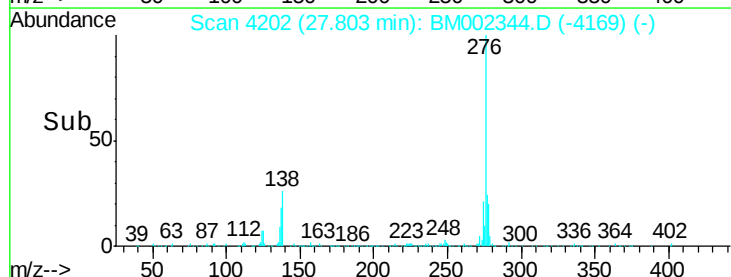
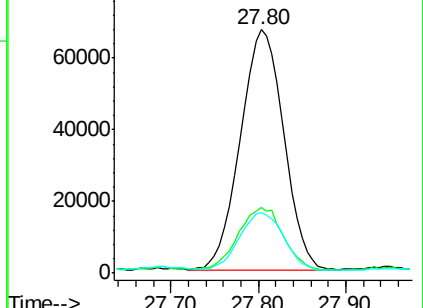
277 24.8 21.0 31.4

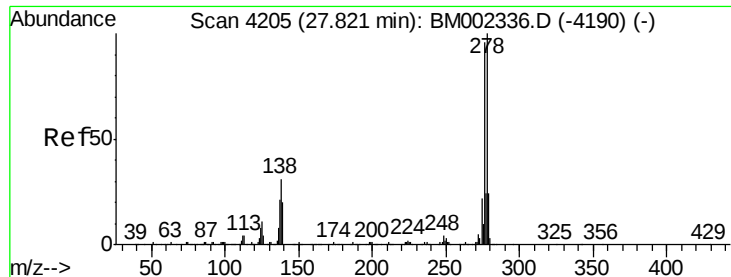


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.69 ng/ul

RT: 27.81 min Scan# 4203

Delta R.T. -0.01 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

Instrument :

BNA_M

ClientSampled :

D9C76

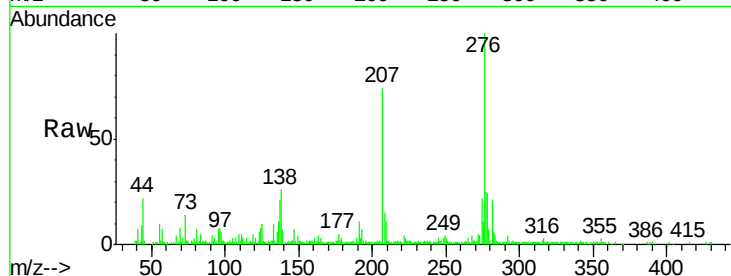
Tgt Ion:278 Resp: 63884

Ion Ratio Lower Upper

278 100

139 30.7 16.4 24.6#

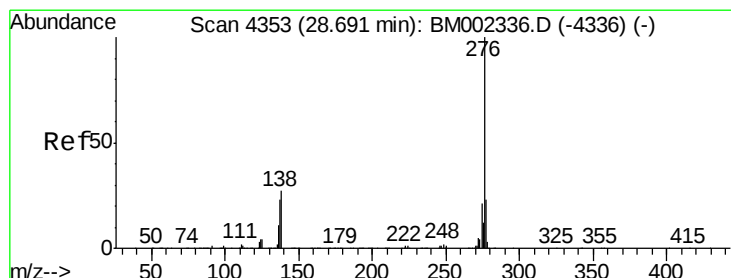
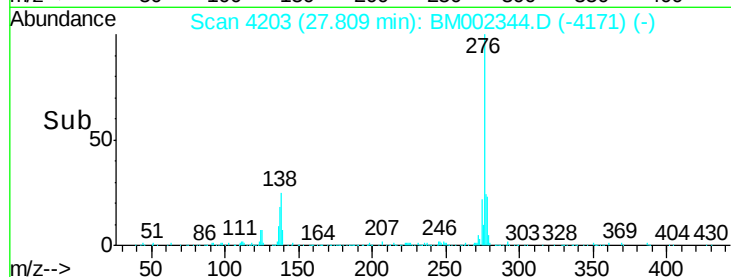
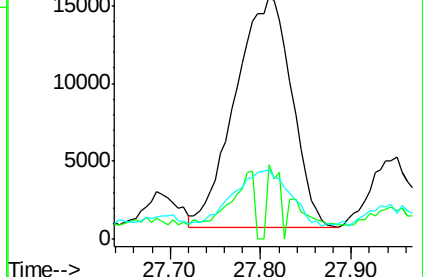
279 28.5 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#29

Benzo(g,h,i)perylene

Concen: 5.81 ng/ul

RT: 28.69 min Scan# 4353

Delta R.T. -0.00 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

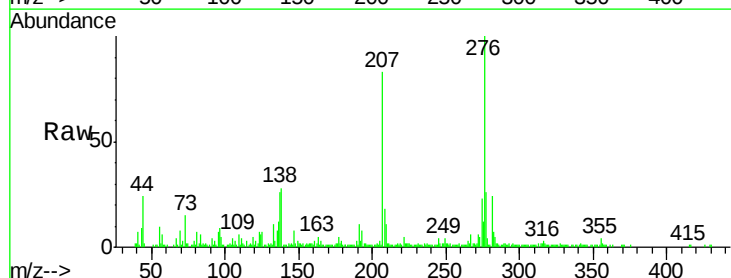
Tgt Ion:276 Resp: 218842

Ion Ratio Lower Upper

276 100

138 28.3 20.5 30.7

277 25.5 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

