

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083115\
 Data File : BM002623.D
 Acq On : 01 Sep 2015 11:49
 Operator : UM/IZ
 Sample : G3457-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EC2

Quant Time: Sep 01 12:31:55 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 07:11:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	116326	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	515606	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	253115	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	440897	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	345137	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	355990	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	296351	11.45	ng/ul	0.00
10) Fluorene-d10	16.34	176	188007	10.34	ng/ul	0.00
14) Anthracene-d10	18.17	188	233566	10.98	ng/ul	0.00
18) Pyrene-d10	20.40	212	179077	11.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	143374	7.67	ng/ul	0.00

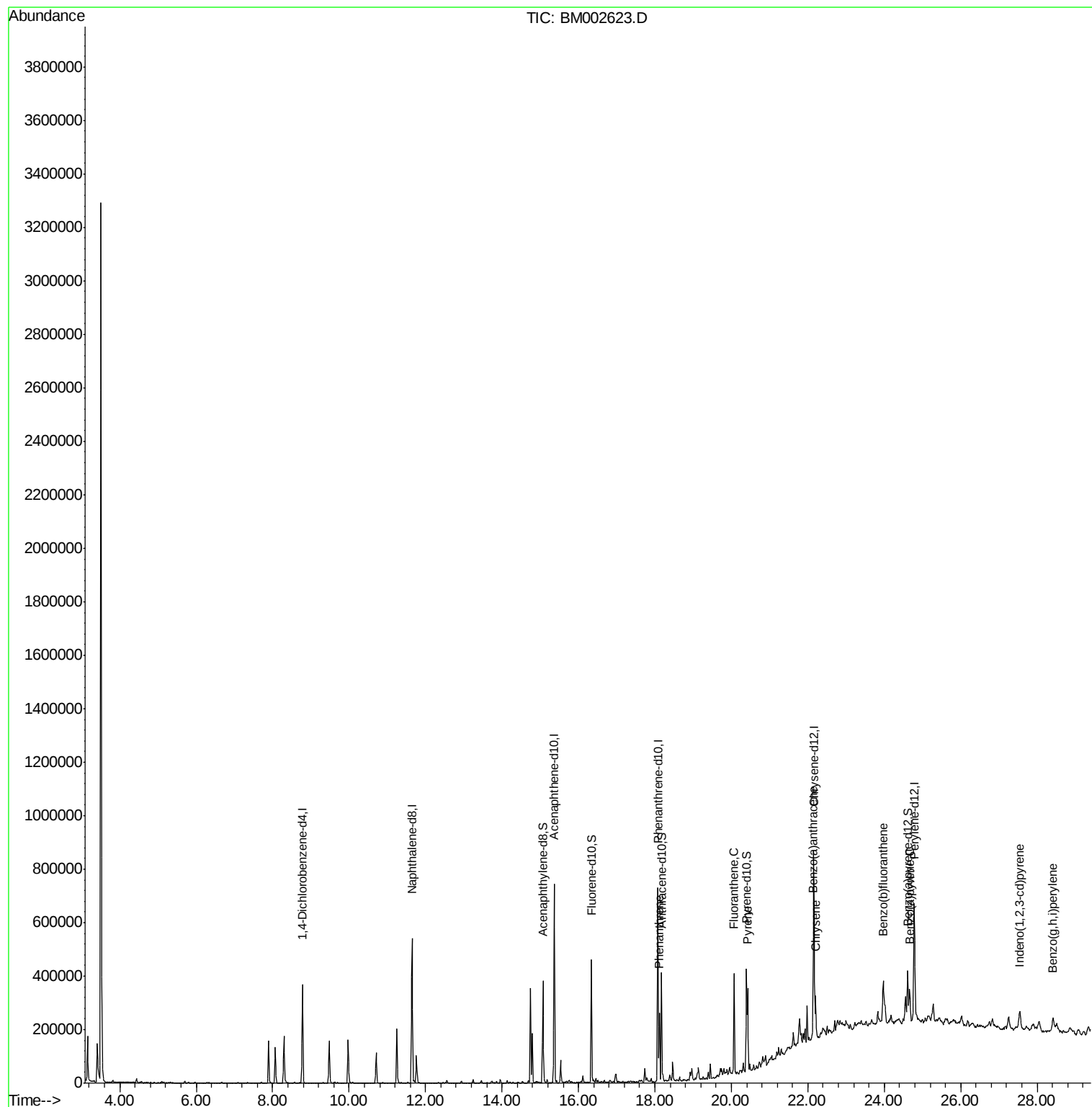
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	164281	6.45	ng/ul	99
16) Fluoranthene	20.07	202	230557	8.00	ng/ul	98
19) Pyrene	20.43	202	172699	8.54	ng/ul	99
20) Benzo(a)anthracene	22.14	228	78764	3.82	ng/ul	96
21) Chrysene	22.20	228	97758	5.06	ng/ul	95
23) Benzo(b)fluoranthene	23.97	252	138015	6.41	ng/ul#	94
26) Benzo(a)pyrene	24.67	252	83340	4.05	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	27.54	276	70364	2.98	ng/ul	97
29) Benzo(g,h,i)perylene	28.41	276	64148	3.26	ng/ul	95

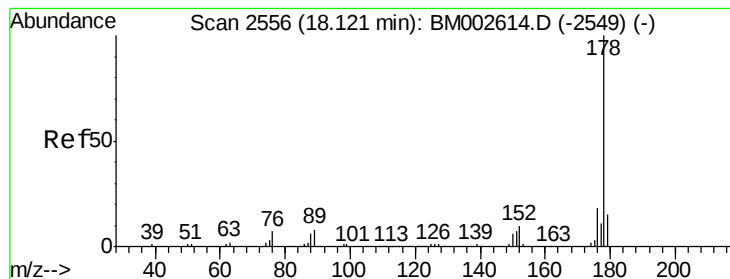
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 07:11:38 2015
Response via : Initial Calibration





#13

Phenanthrene

Concen: 6.45 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

Instrument :

BNA_M

ClientSampled :

D9EC2

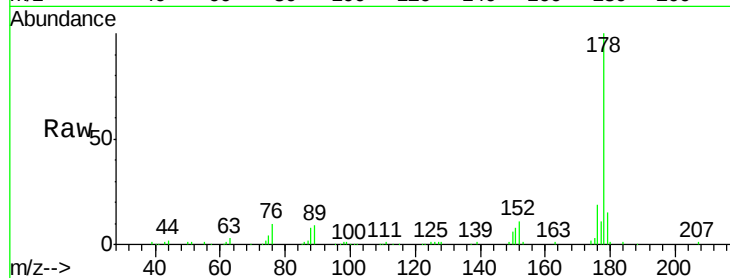
Tgt Ion:178 Resp: 164281

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

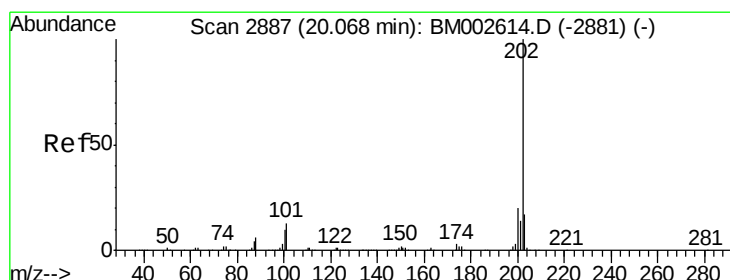
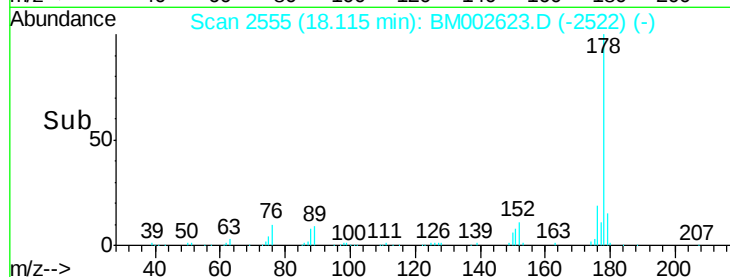
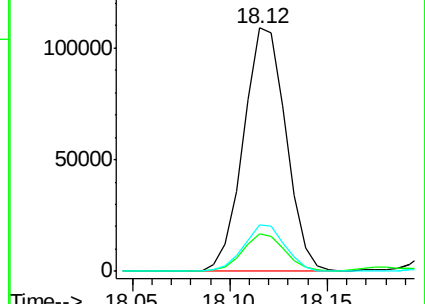
176 19.2 15.1 22.7



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: 8.00 ng/ul

RT: 20.07 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

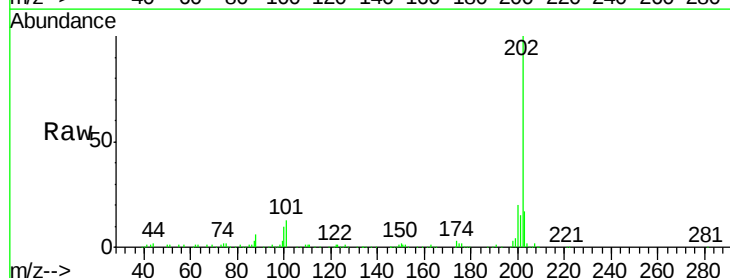
Tgt Ion:202 Resp: 230557

Ion Ratio Lower Upper

202 100

101 13.4 9.7 14.5

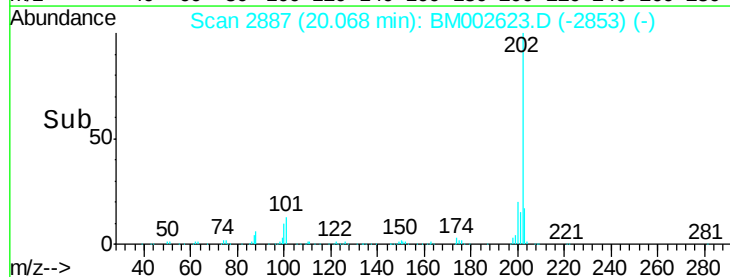
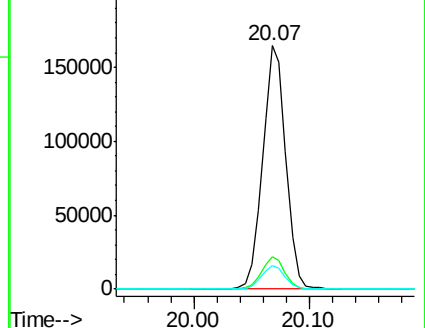
100 9.8 7.4 11.2

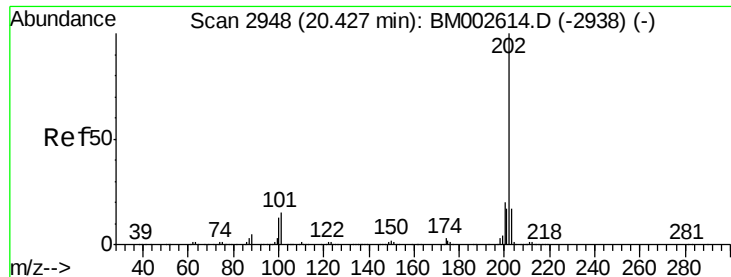


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 8.54 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

Instrument :

BNA_M

ClientSampleId :

D9EC2

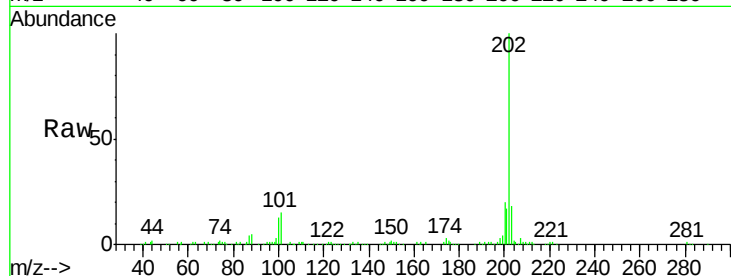
Tgt Ion:202 Resp: 172699

Ion Ratio Lower Upper

202 100

101 15.1 12.0 18.0

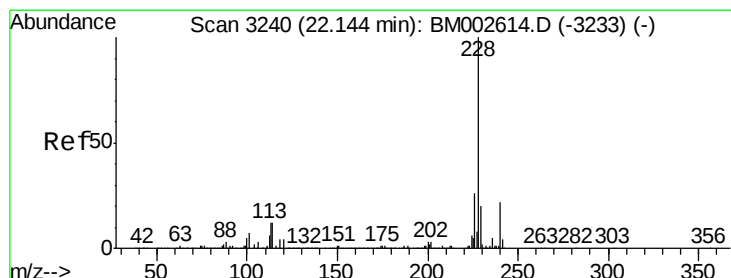
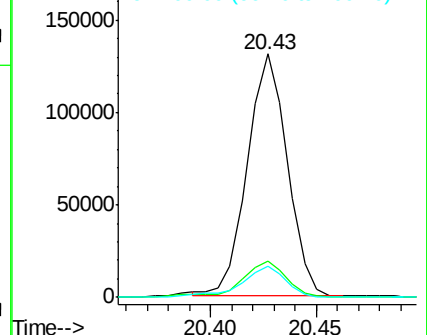
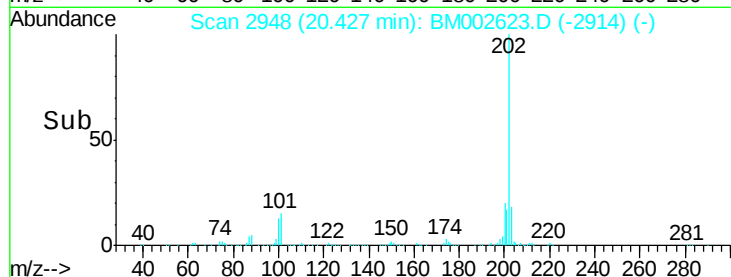
100 12.6 9.7 14.5



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: 3.82 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

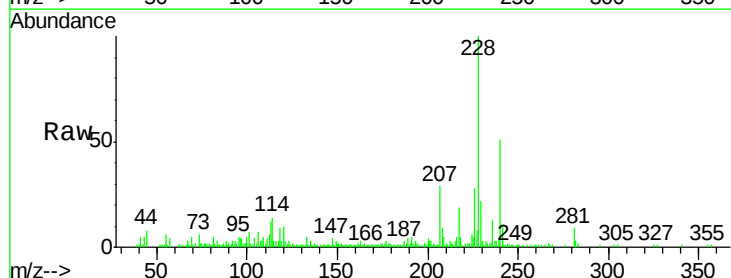
Tgt Ion:228 Resp: 78764

Ion Ratio Lower Upper

228 100

229 22.1 15.8 23.6

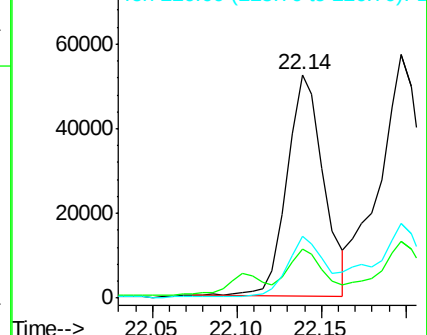
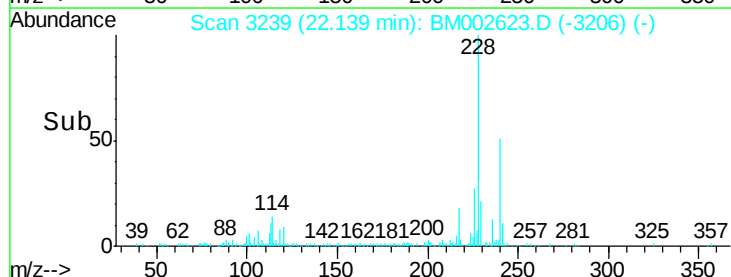
226 27.7 21.1 31.7

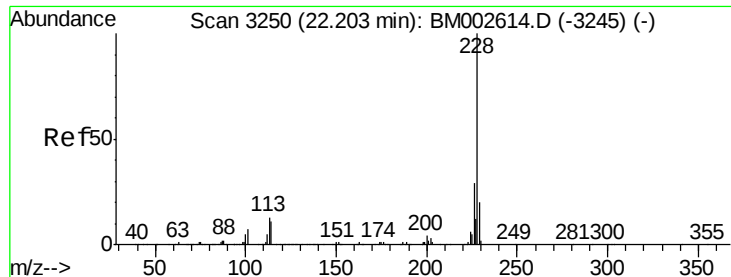


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 5.06 ng/ul

RT: 22.20 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

Instrument :

BNA_M

ClientSampleId :

D9EC2

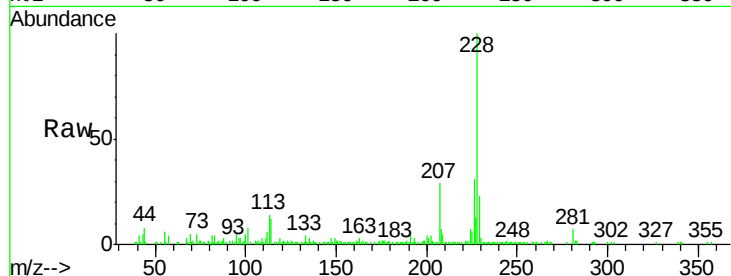
Tgt Ion:228 Resp: 97758

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

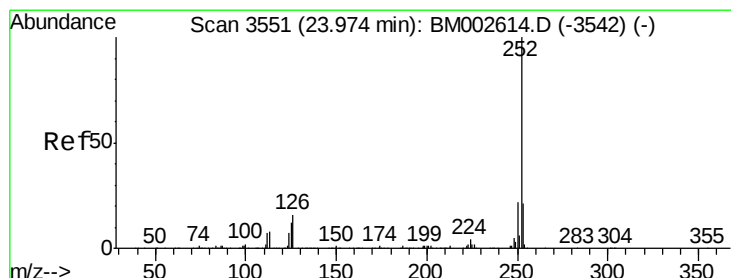
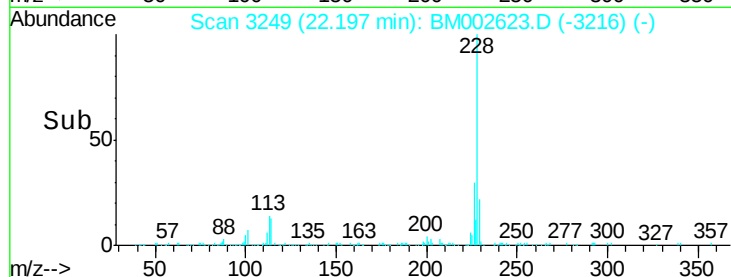
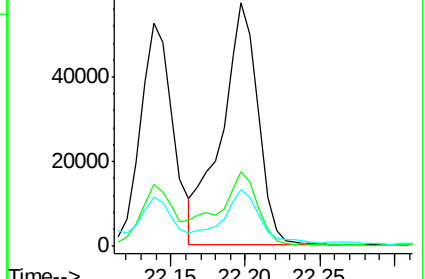
229 23.2 15.7 23.5



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: 6.41 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

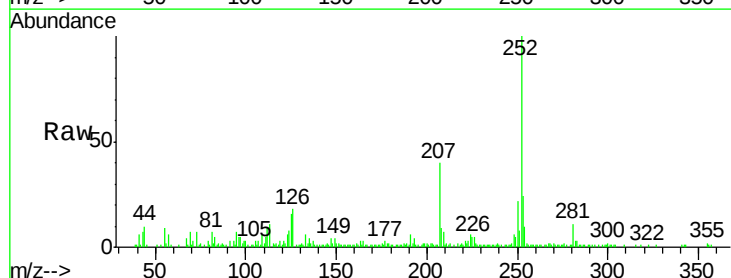
Tgt Ion:252 Resp: 138015

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

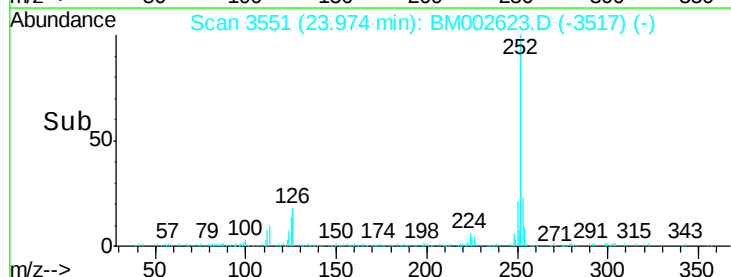
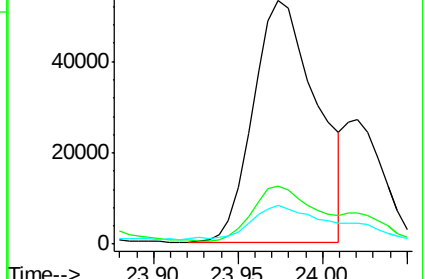
125 16.0 10.0 15.0#

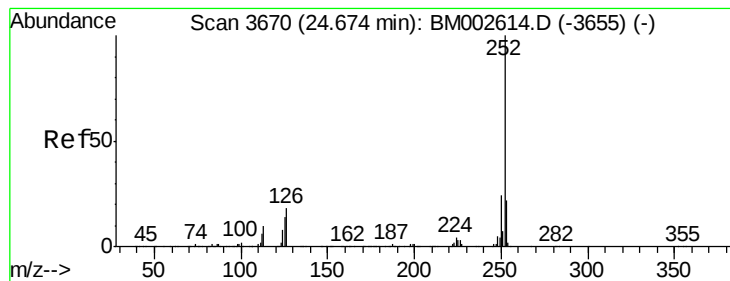


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.05 ng/ul

RT: 24.67 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

Instrument :

BNA_M

ClientSampleId :

D9EC2

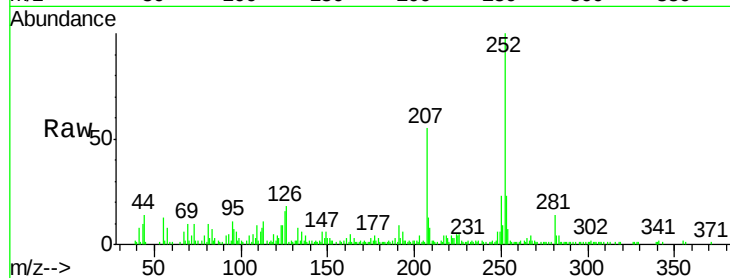
Tgt Ion:252 Resp: 83340

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

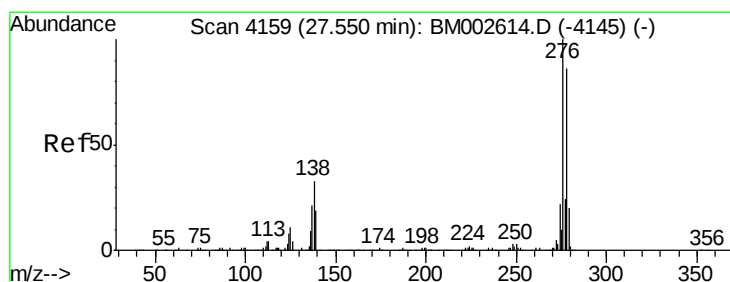
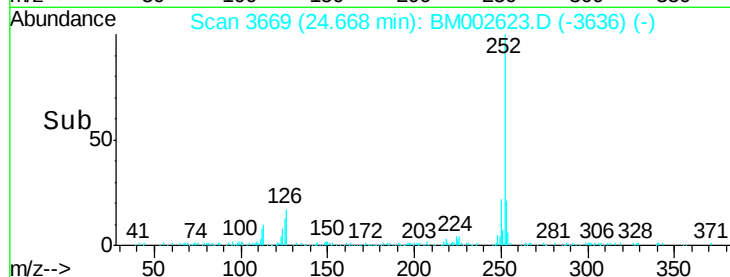
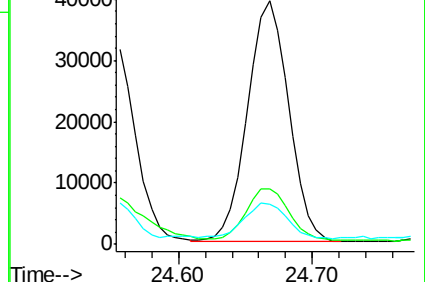
125 16.2 10.7 16.1#



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: 2.98 ng/ul

RT: 27.54 min Scan# 4158

Delta R.T. -0.01 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

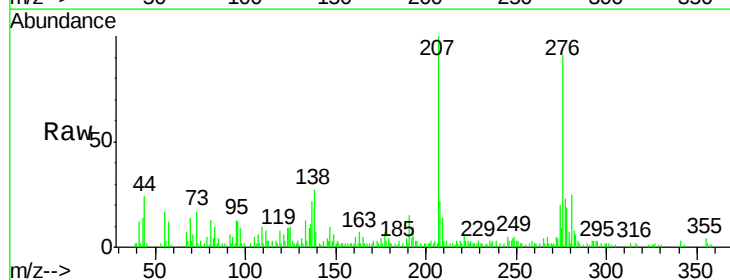
Tgt Ion:276 Resp: 70364

Ion Ratio Lower Upper

276 100

138 29.0 25.3 37.9

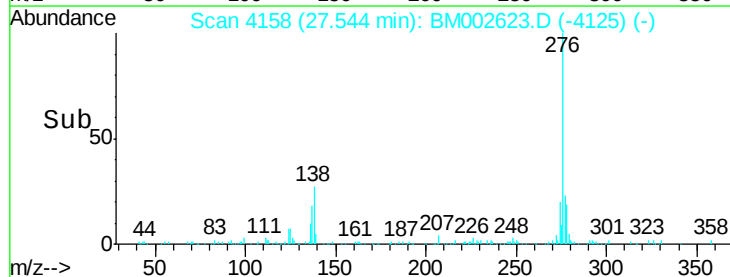
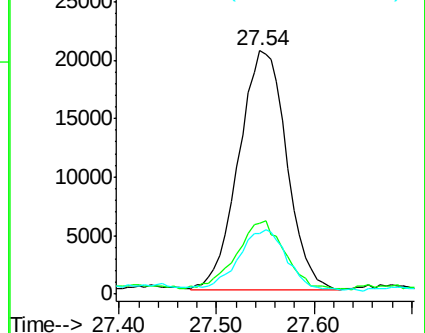
277 24.8 20.2 30.2

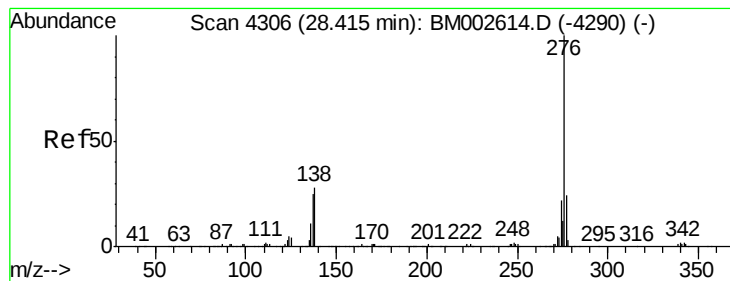


Abundance Ion 276.00 (275.70 to 276.70): E

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: 3.26 ng/ul

RT: 28.41 min Scan# 4306

Delta R.T. 0.00 min

Lab File: BM002623.D

Acq: 01 Sep 2015 11:49

Instrument :

BNA_M

ClientSampleId :

D9EC2

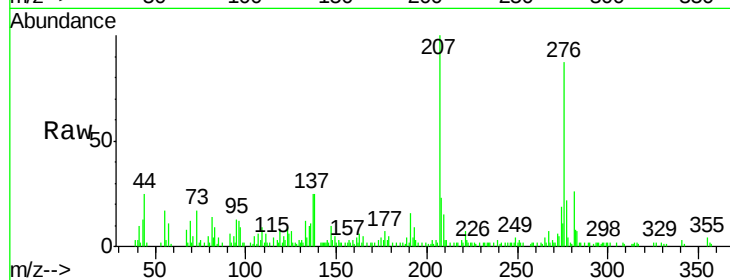
Tgt Ion: 276 Resp: 64148

Ion Ratio Lower Upper

276 100

138 29.3 21.0 31.6

277 25.7 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

