

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083115\
 Data File : BM002629.D
 Acq On : 01 Sep 2015 15:29
 Operator : UM/IZ
 Sample : G3457-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EC3

Quant Time: Sep 01 16:08:45 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	104390	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	466854	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	240227	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	457719	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	348113	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	338653	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	350586	14.27	ng/ul	0.00
10) Fluorene-d10	16.34	176	222240	12.88	ng/ul	0.00
14) Anthracene-d10	18.17	188	293598	13.30	ng/ul	0.00
18) Pyrene-d10	20.40	212	220532	14.29	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	147371	8.28	ng/ul	0.00

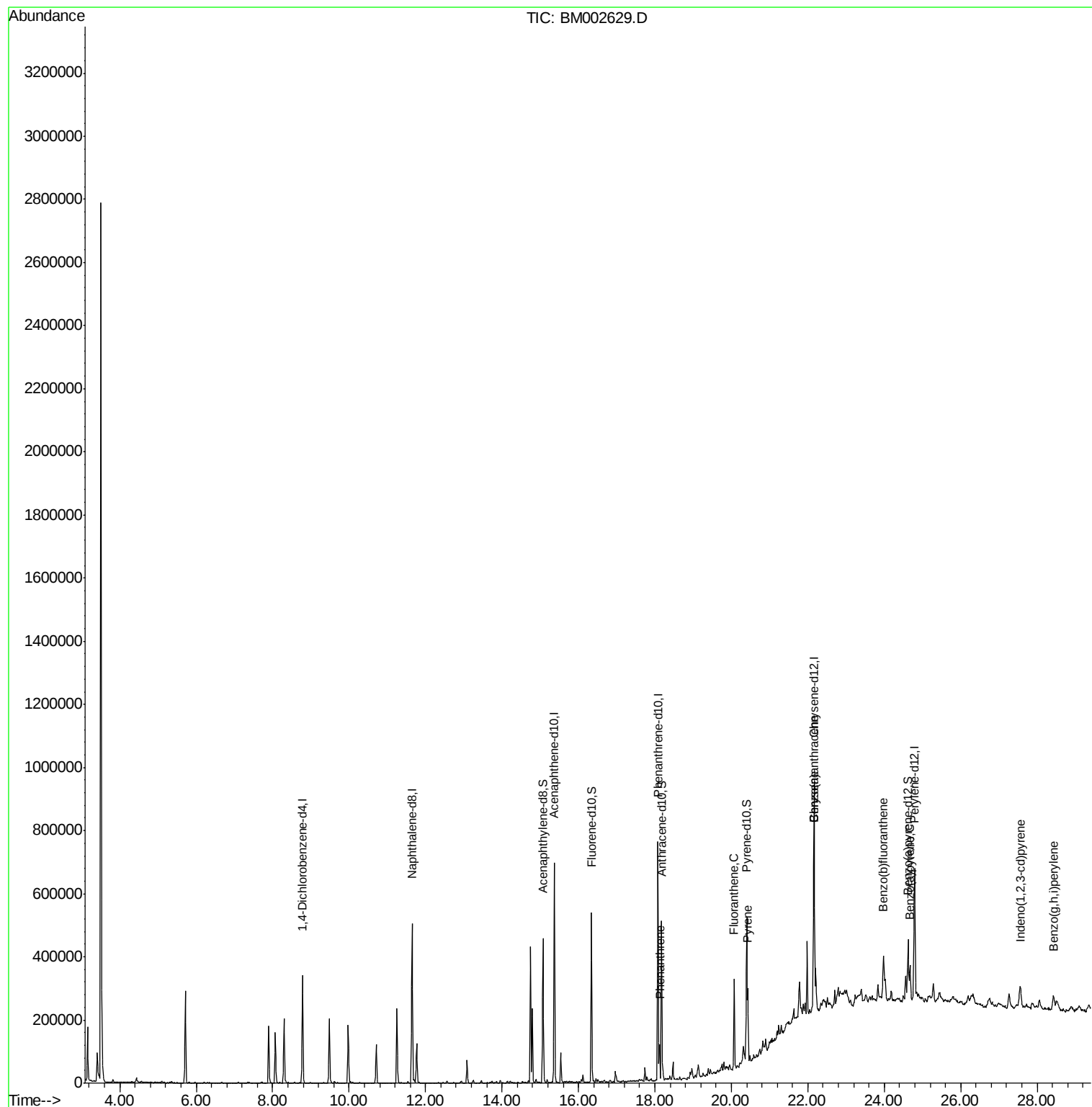
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	71410	2.70	ng/ul	99
16) Fluoranthene	20.07	202	166784	5.57	ng/ul	98
19) Pyrene	20.43	202	132932	6.52	ng/ul	99
20) Benzo(a)anthracene	22.14	228	83408	4.01	ng/ul	98
21) Chrysene	22.14	228	83346	4.28	ng/ul	95
23) Benzo(b)fluoranthene	23.98	252	118045	5.77	ng/ul#	94
26) Benzo(a)pyrene	24.67	252	79730	4.08	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.56	276	65530	2.91	ng/ul	97
29) Benzo(g,h,i)perylene	28.43	276	60837	3.25	ng/ul	97

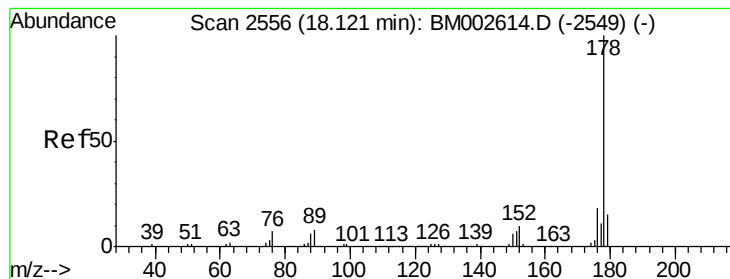
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.70 ng/ul

RT: 18.12 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

Instrument :

BNA_M

ClientSampleId :

D9EC3

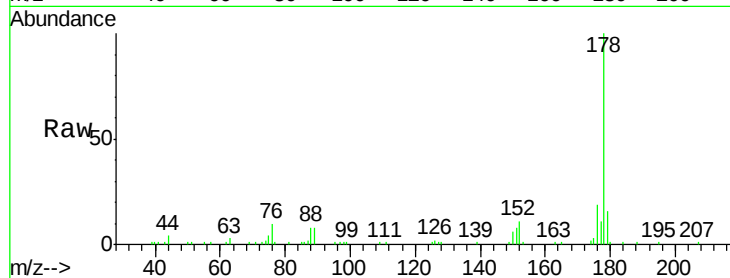
Tgt Ion:178 Resp: 71410

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

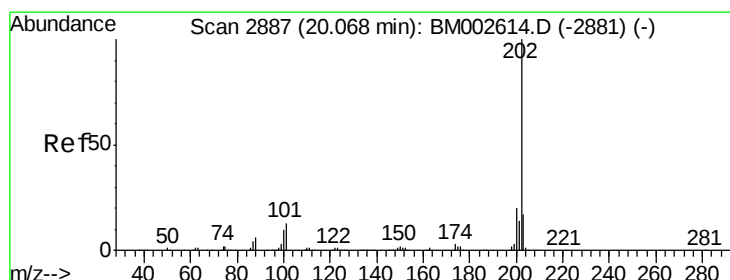
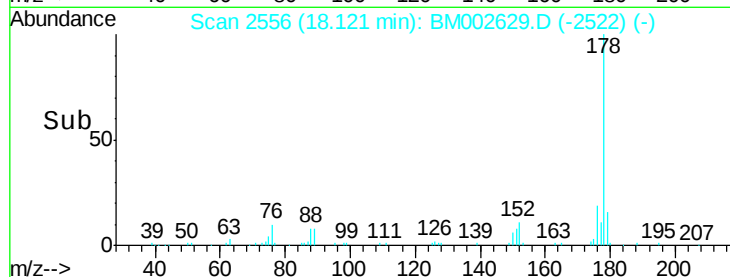
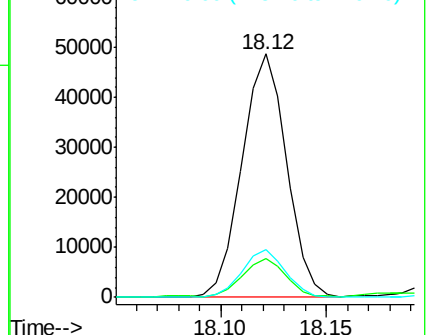
176 19.4 15.1 22.7



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: 5.57 ng/ul

RT: 20.07 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

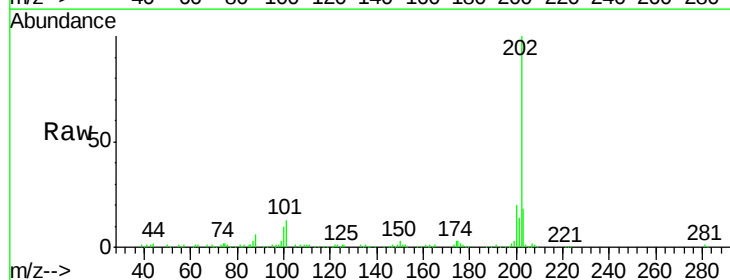
Tgt Ion:202 Resp: 166784

Ion Ratio Lower Upper

202 100

101 13.0 9.7 14.5

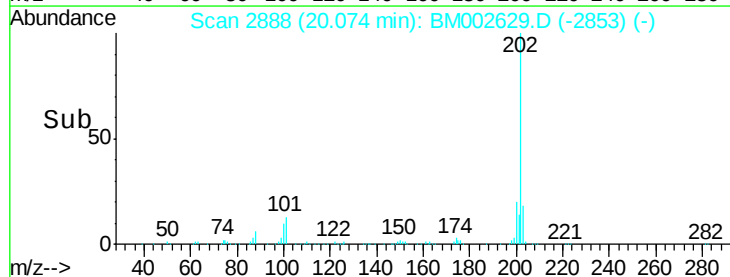
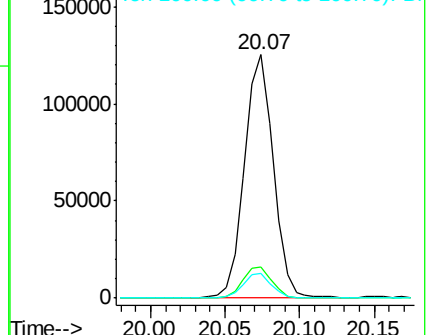
100 10.2 7.4 11.2

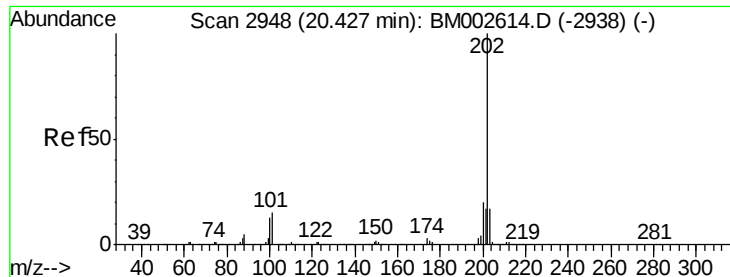


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 6.52 ng/ul

RT: 20.43 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

Instrument :

BNA_M

ClientSampleId :

D9EC3

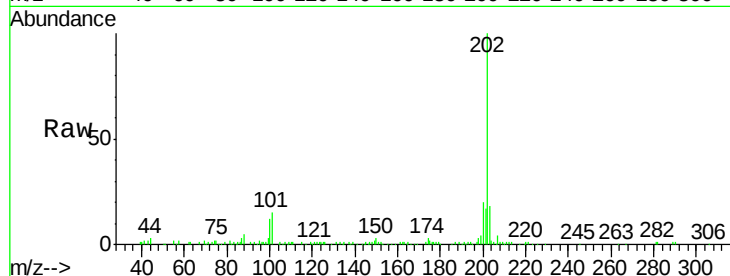
Tgt Ion:202 Resp: 132932

Ion Ratio Lower Upper

202 100

101 15.3 12.0 18.0

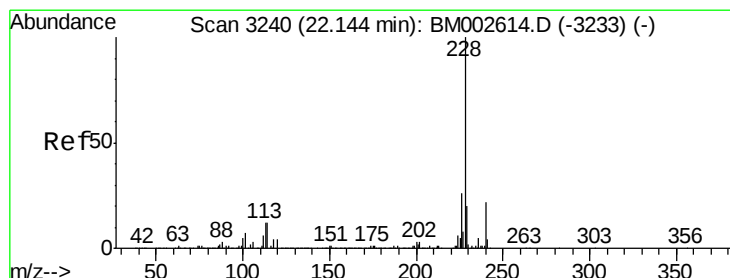
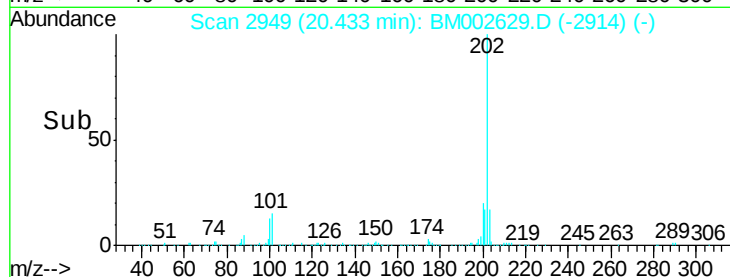
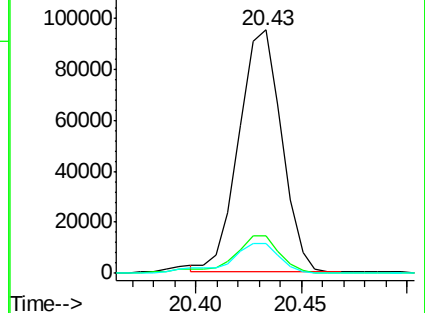
100 12.5 9.7 14.5



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: 4.01 ng/ul

RT: 22.14 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

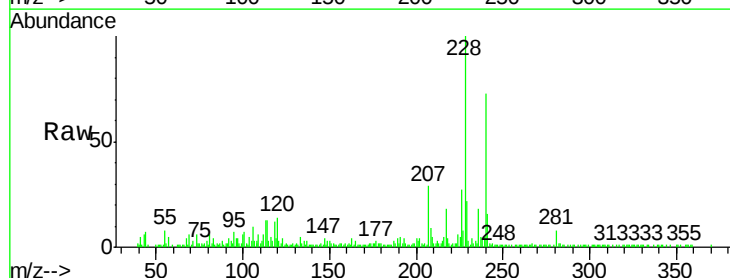
Tgt Ion:228 Resp: 83408

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.6

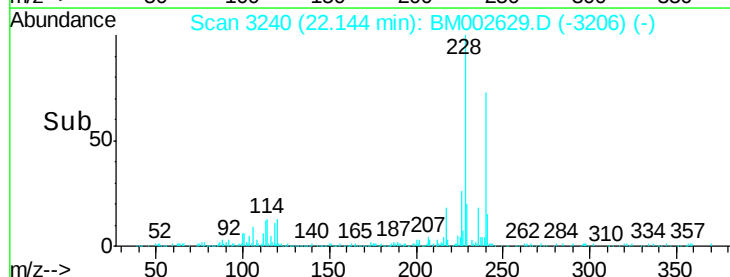
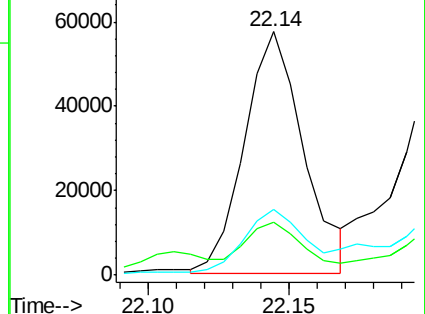
226 26.8 21.1 31.7

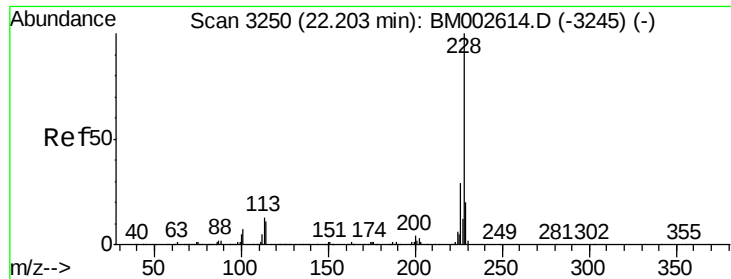


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.28 ng/ul

RT: 22.14 min Scan# 3240

Delta R.T. -0.06 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

Instrument :

BNA_M

ClientSampleId :

D9EC3

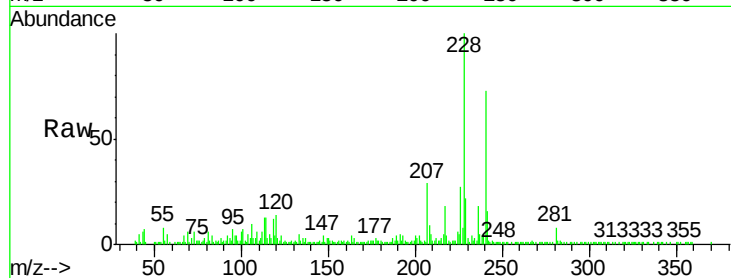
Tgt Ion: 228 Resp: 83346

Ion Ratio Lower Upper

228 100

226 26.8 23.4 35.2

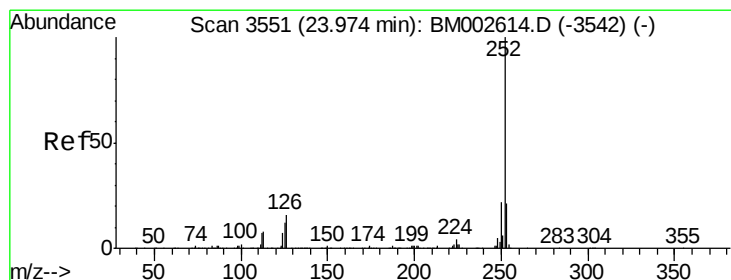
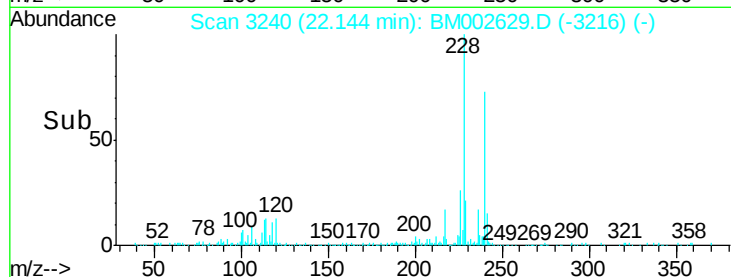
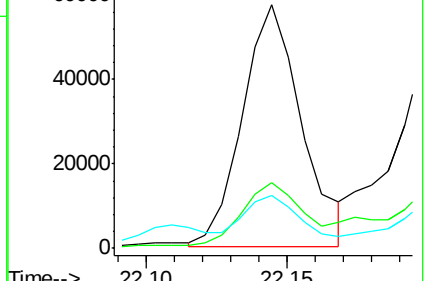
229 21.8 15.7 23.5



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: 5.77 ng/ul

RT: 23.98 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

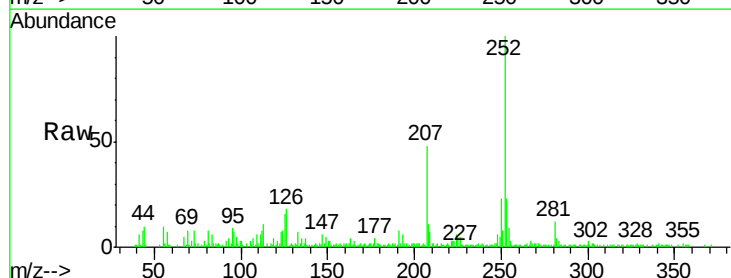
Tgt Ion: 252 Resp: 118045

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

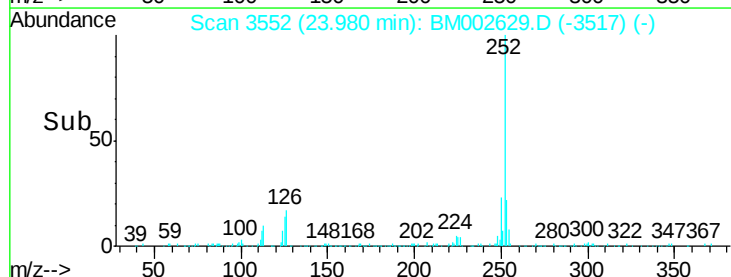
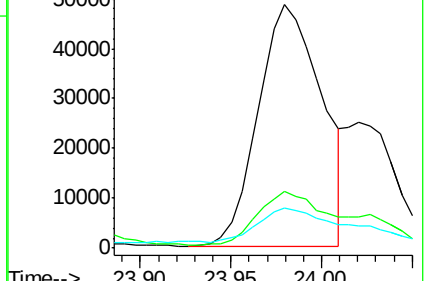
125 16.2 10.0 15.0#

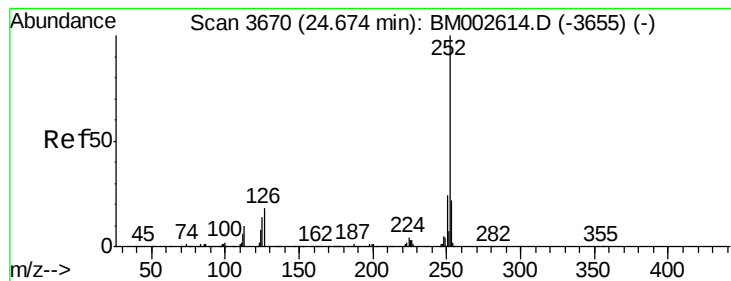


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.08 ng/ul

RT: 24.67 min Scan# 3670

Delta R.T. 0.00 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

Instrument :

BNA_M

ClientSampleId :

D9EC3

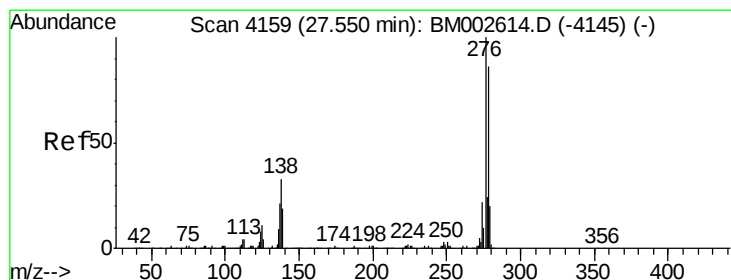
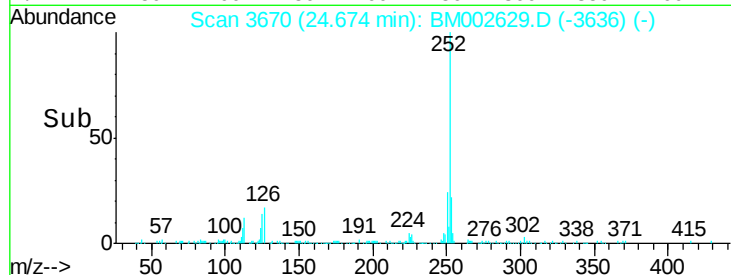
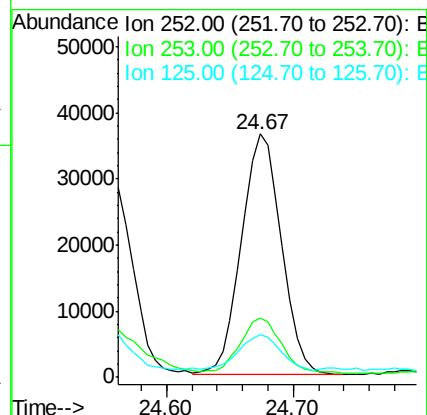
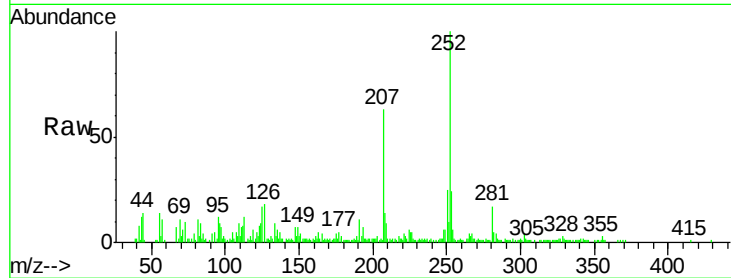
Tgt Ion:252 Resp: 79730

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 17.4 10.7 16.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.91 ng/ul

RT: 27.56 min Scan# 4160

Delta R.T. 0.01 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

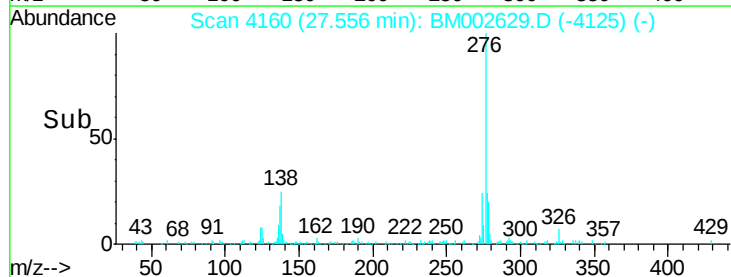
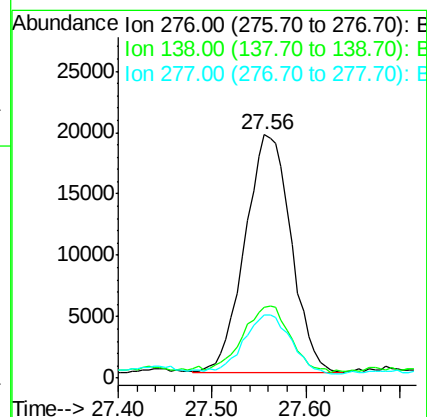
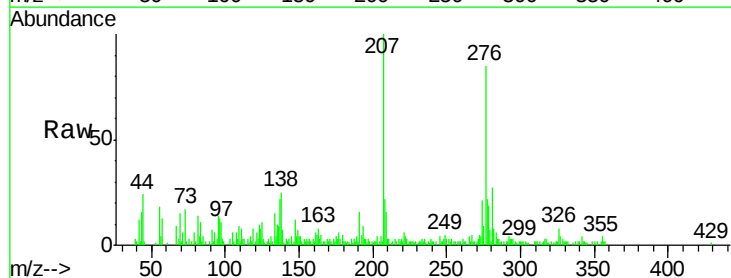
Tgt Ion:276 Resp: 65530

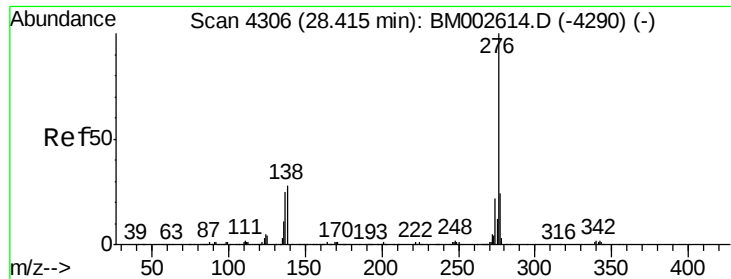
Ion Ratio Lower Upper

276 100

138 29.0 25.3 37.9

277 25.9 20.2 30.2





#29

Benzo(g,h,i)perylene

Concen: 3.25 ng/ul

RT: 28.43 min Scan# 4308

Delta R.T. 0.01 min

Lab File: BM002629.D

Acq: 01 Sep 2015 15:29

Instrument :

BNA_M

ClientSampleId :

D9EC3

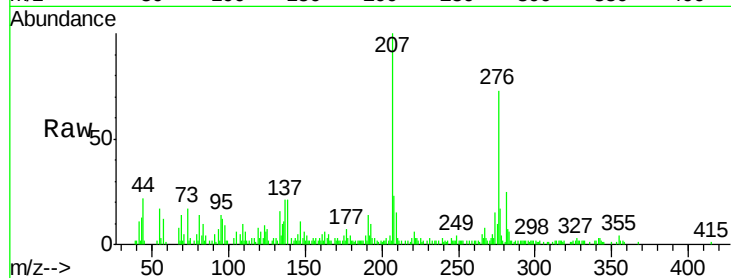
Tgt Ion: 276 Resp: 60837

Ion Ratio Lower Upper

276 100

138 29.0 21.0 31.6

277 23.4 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

