

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083115\
 Data File : BM002617.D
 Acq On : 01 Sep 2015 08:10
 Operator : UM/IZ
 Sample : G3457-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EB7

Quant Time: Sep 01 11:00:46 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

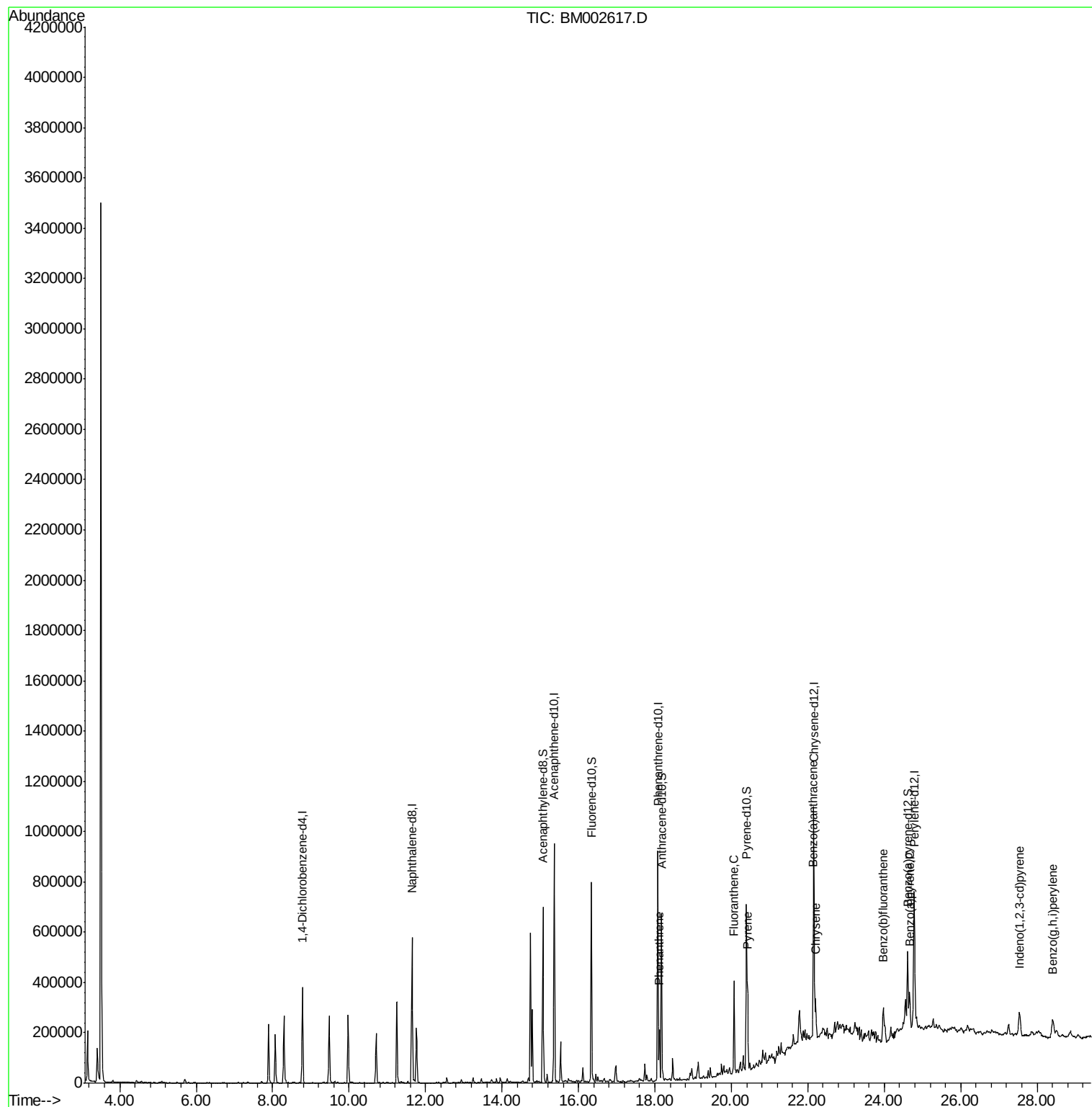
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	120608	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	574399	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	327239	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	537009	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	439083	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	451304	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	528631	15.80	ng/ul	0.00
10) Fluorene-d10	16.34	176	333439	14.19	ng/ul	0.00
14) Anthracene-d10	18.17	188	387674	14.97	ng/ul	0.00
18) Pyrene-d10	20.40	212	316096	16.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	244057	10.29	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.12	178	123760	3.99	ng/ul	Qvalue 99
16) Fluoranthene	20.07	202	216044	6.15	ng/ul	97
19) Pyrene	20.43	202	172824	6.72	ng/ul	98
20) Benzo(a)anthracene	22.14	228	89207	3.40	ng/ul	97
21) Chrysene	22.20	228	95986	3.91	ng/ul	97
23) Benzo(b)fluoranthene	23.97	252	129587	4.75	ng/ul	97
26) Benzo(a)pyrene	24.67	252	104851	4.02	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.55	276	93596	3.12	ng/ul	93
29) Benzo(g,h,i)perylene	28.40	276	94908	3.80	ng/ul	97

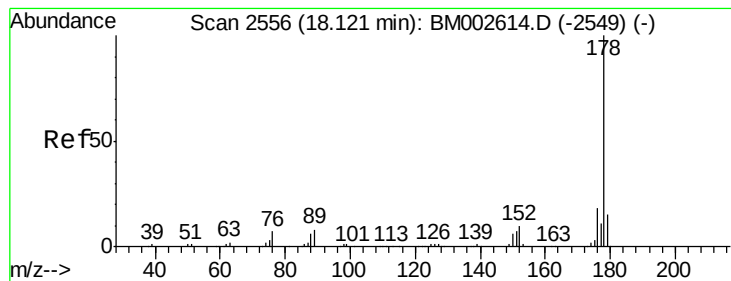
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.99 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

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ClientSampleId :

D9EB7

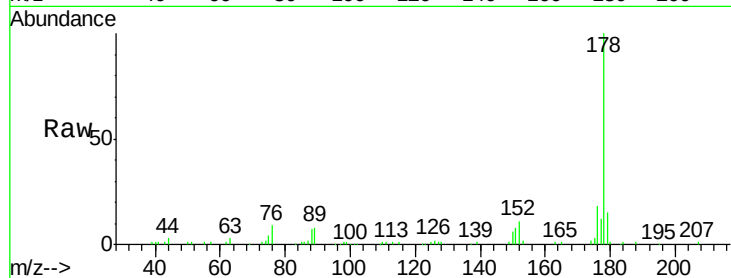
Tgt Ion:178 Resp: 123760

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

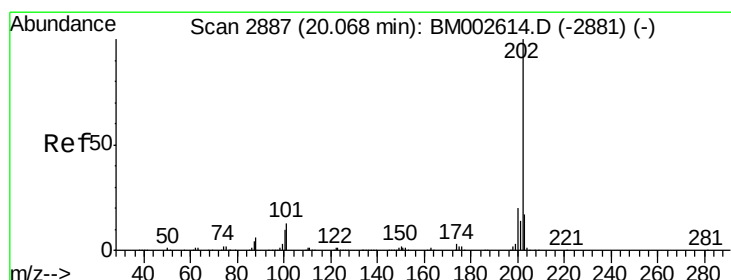
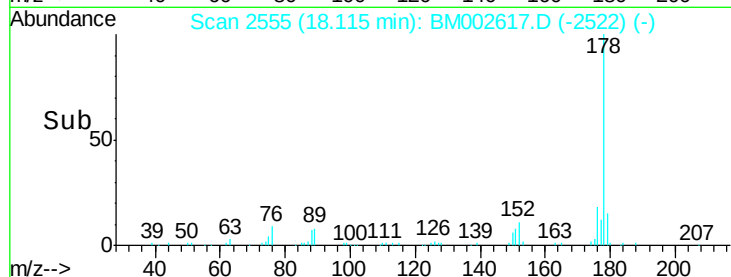
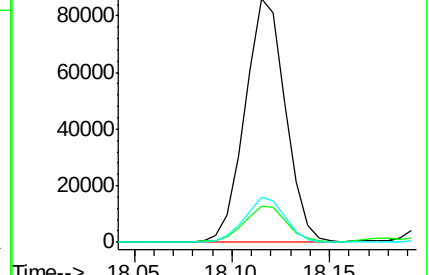
176 18.5 15.1 22.7



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: 6.15 ng/ul

RT: 20.07 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

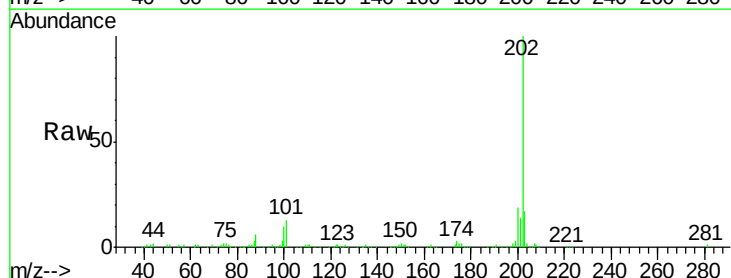
Tgt Ion:202 Resp: 216044

Ion Ratio Lower Upper

202 100

101 13.2 9.7 14.5

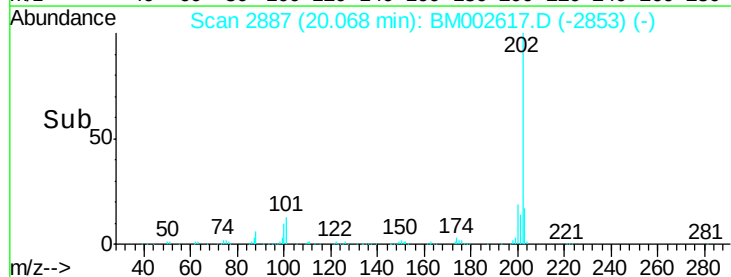
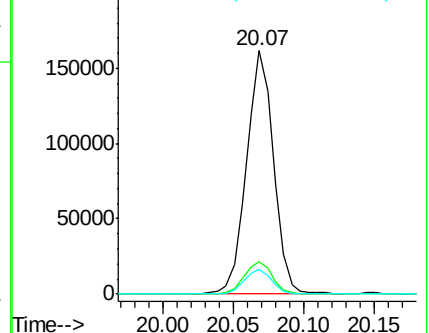
100 10.0 7.4 11.2

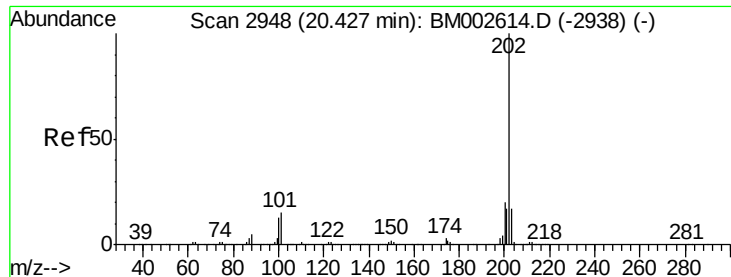


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 6.72 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

Instrument :

BNA_M

ClientSampleId :

D9EB7

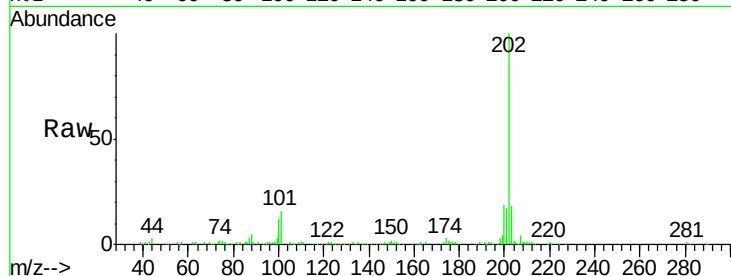
Tgt Ion:202 Resp: 172824

Ion Ratio Lower Upper

202 100

101 16.2 12.0 18.0

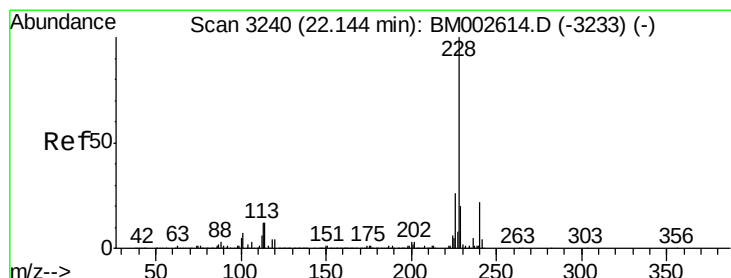
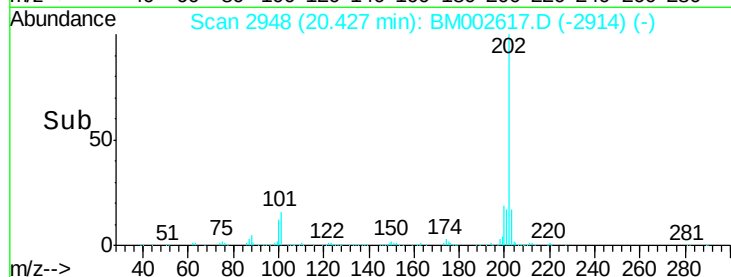
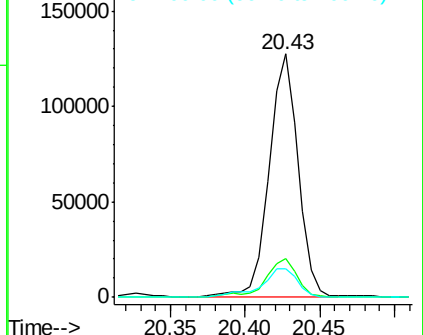
100 11.8 9.7 14.5



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: 3.40 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

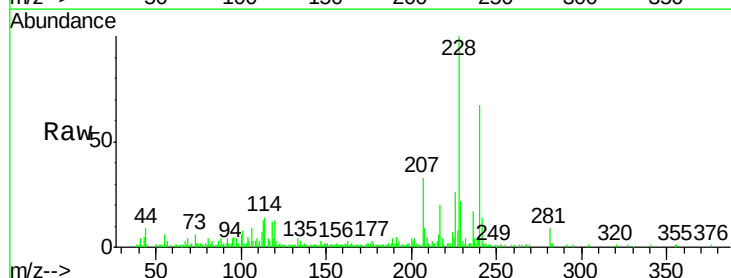
Tgt Ion:228 Resp: 89207

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.6

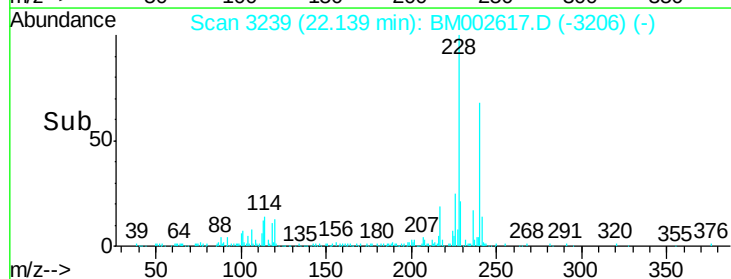
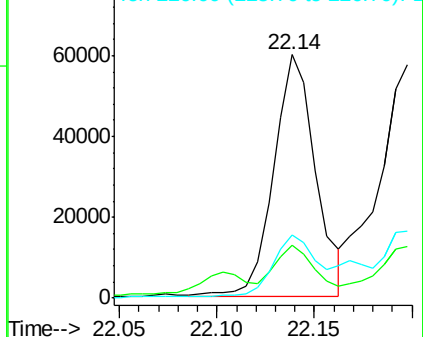
226 25.7 21.1 31.7

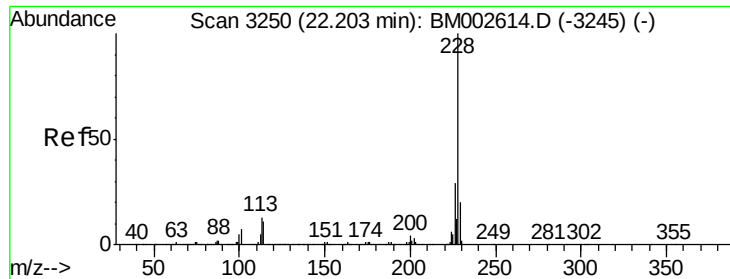


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.91 ng/ul

RT: 22.20 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

Instrument :

BNA_M

ClientSampleId :

D9EB7

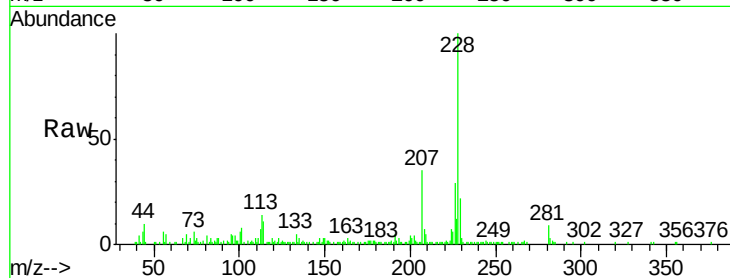
Tgt Ion:228 Resp: 95986

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.2

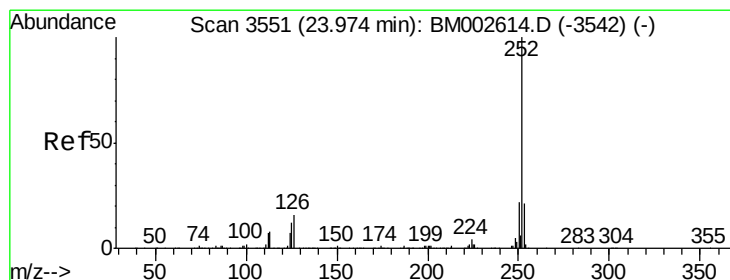
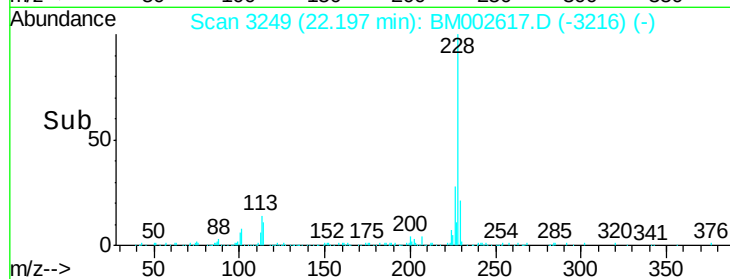
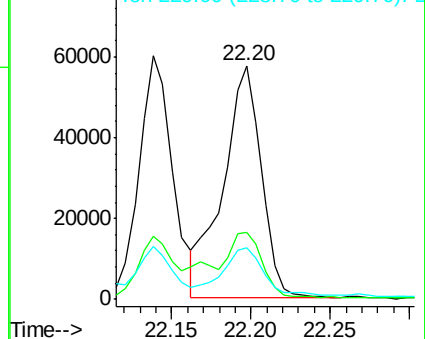
229 22.4 15.7 23.5



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: 4.75 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

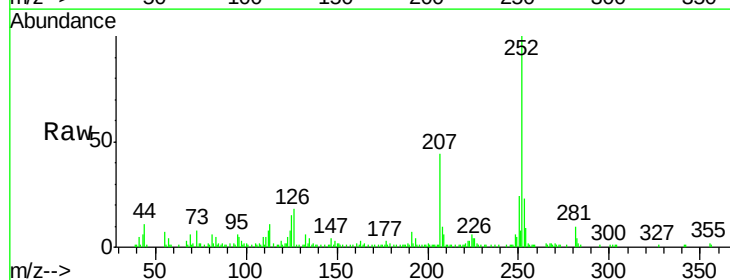
Tgt Ion:252 Resp: 129587

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

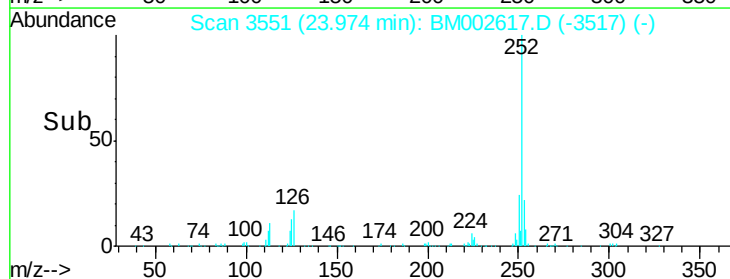
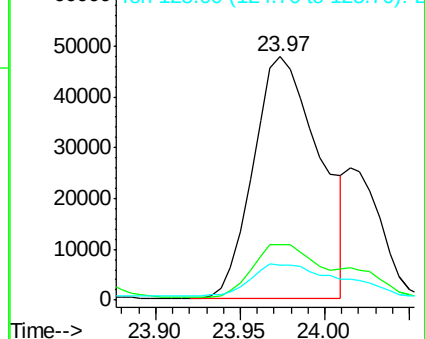
125 14.5 10.0 15.0

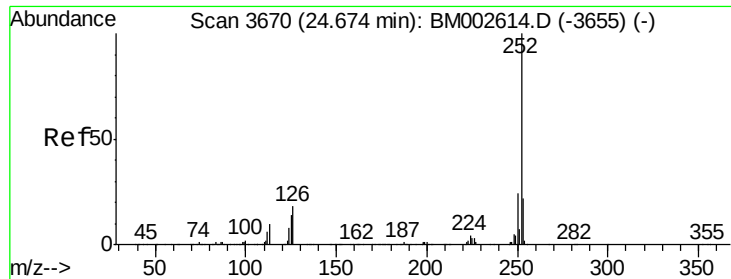


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.02 ng/ul

RT: 24.67 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

Instrument :

BNA_M

ClientSampleId :

D9EB7

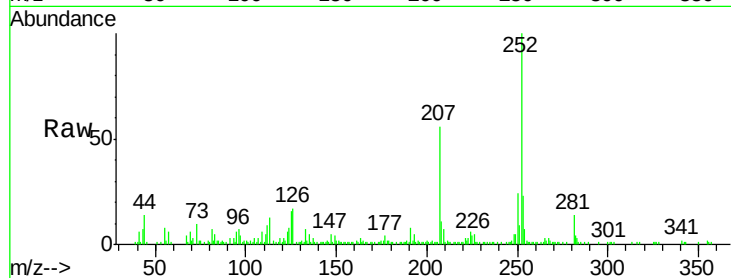
Tgt Ion:252 Resp: 104851

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

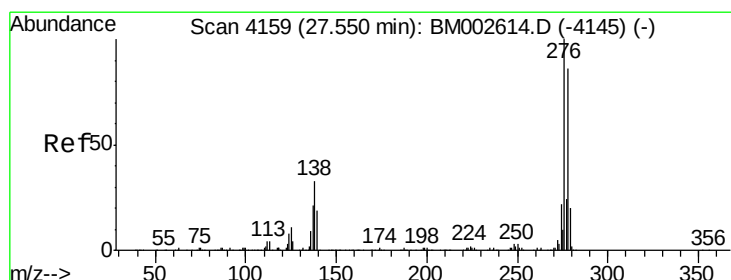
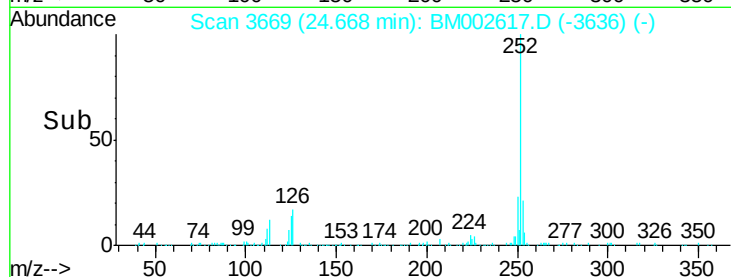
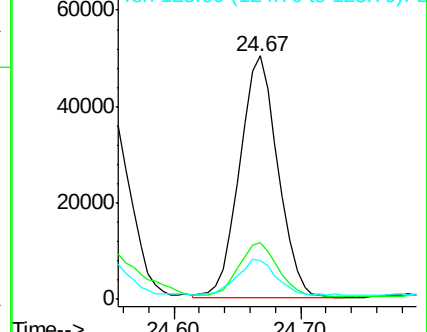
125 15.7 10.7 16.1



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: 3.12 ng/ul

RT: 27.55 min Scan# 4159

Delta R.T. 0.00 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

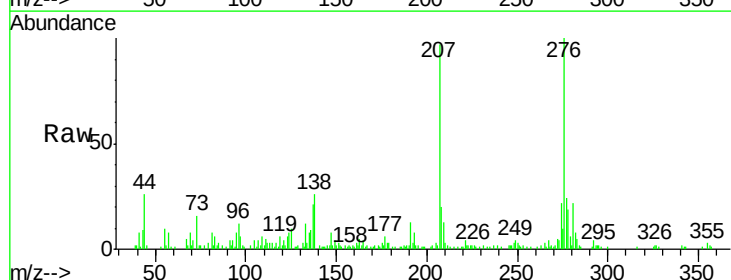
Tgt Ion:276 Resp: 93596

Ion Ratio Lower Upper

276 100

138 25.9 25.3 37.9

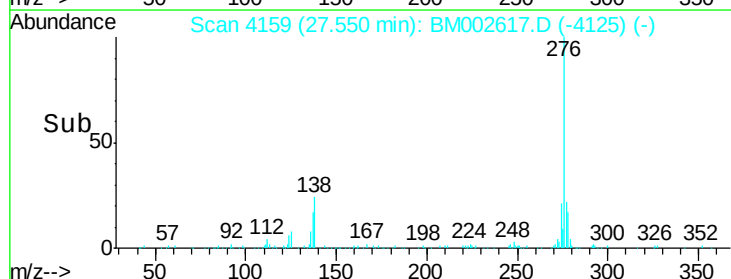
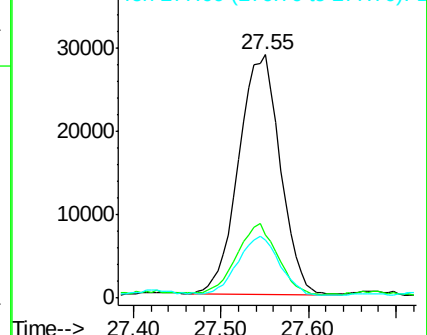
277 24.0 20.2 30.2

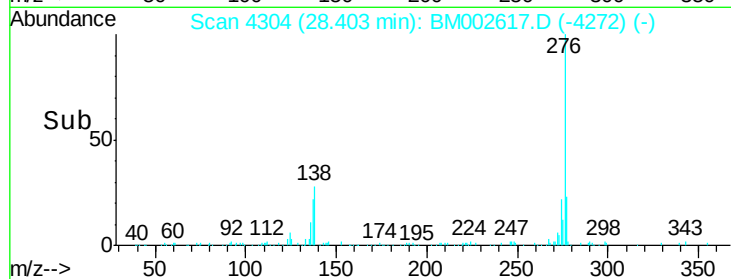
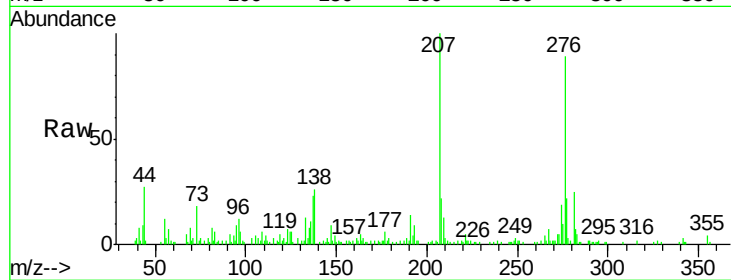
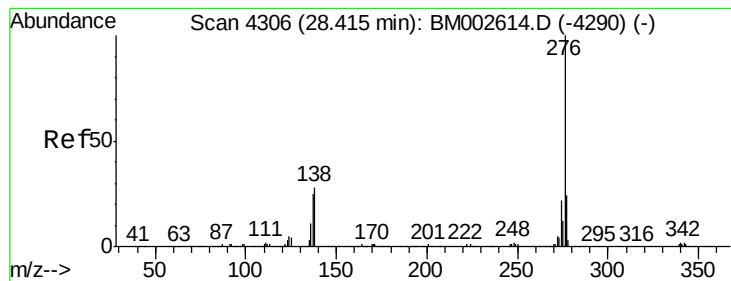


Abundance Ion 276.00 (275.70 to 276.70): E

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: 3.80 ng/ul

RT: 28.40 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BM002617.D

Acq: 01 Sep 2015 08:10

Instrument :

BNA_M

ClientSampleId :

D9EB7

Tgt Ion: 276 Resp: 94908

Ion Ratio Lower Upper

276 100

138 29.4 21.0 31.6

277 24.3 19.2 28.8

