

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008582.D
 Acq On : 23 Dec 2016 07:05
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.460

Quant Time: Dec 23 07:40:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	309	0.40	ng/ul	0.02
2) Naphthalene-d8	10.49	136	1164	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	660	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1266	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	1306	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1292	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	665	0.37	ng/ul	0.01
14) Fluoranthene-d10	19.11	212	1416	0.41	ng/ul	0.00

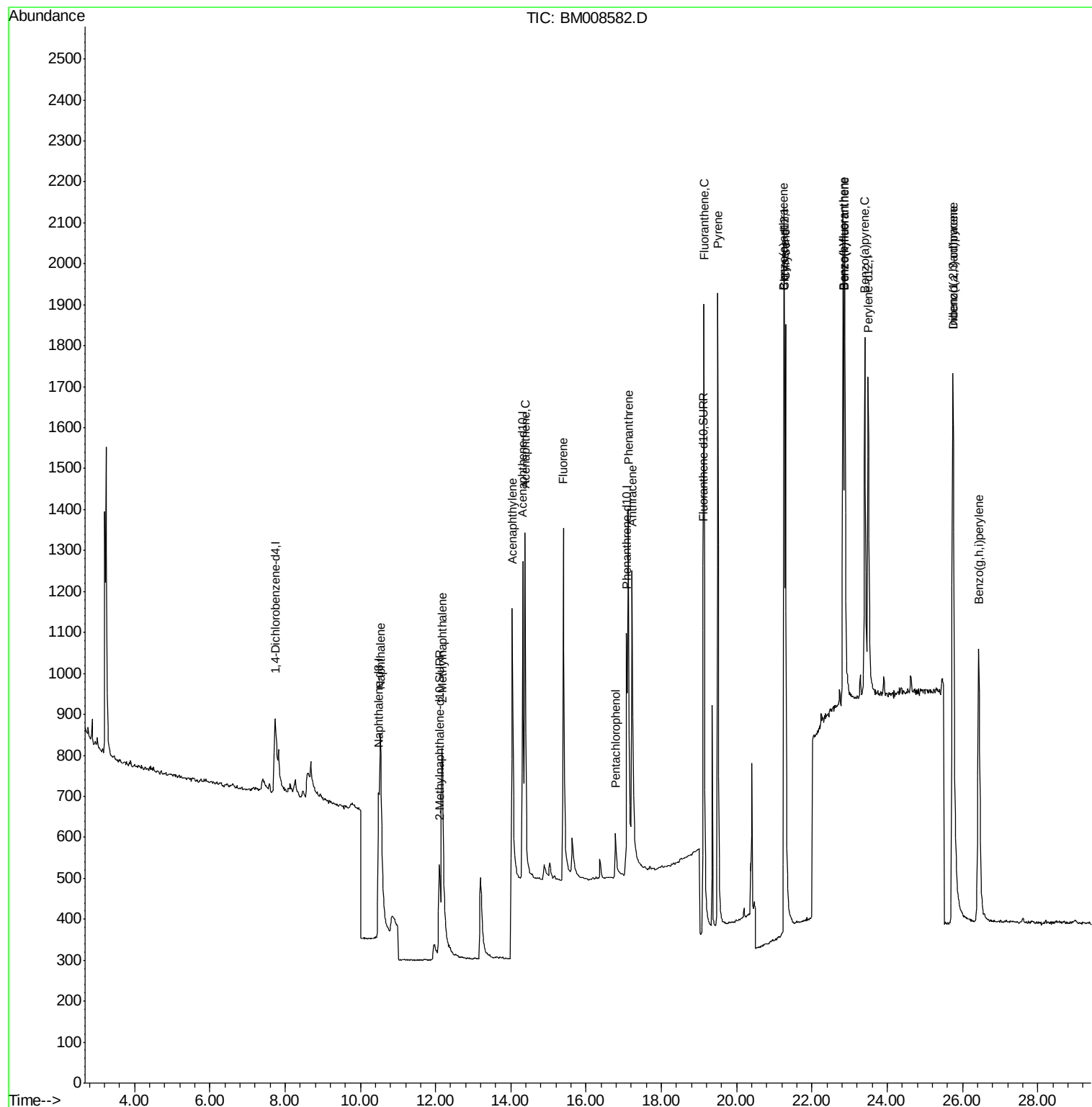
Target Compounds				Qvalue		
3) Naphthalene	10.54	128	1272	0.39	ng/ul#	77
5) 2-Methylnaphthalene	12.17	142	816	0.37	ng/ul	95
7) Acenaphthylene	14.04	152	1200	0.40	ng/ul#	88
8) Acenaphthene	14.38	153	907	0.40	ng/ul	96
9) Fluorene	15.39	166	998	0.39	ng/ul#	87
11) Pentachlorophenol	16.78	266	160	0.41	ng/ul	93
12) Phenanthrene	17.12	178	1535	0.40	ng/ul#	92
13) Anthracene	17.23	178	1482	0.39	ng/ul#	91
15) Fluoranthene	19.14	202	2689	0.57	ng/ul	97
17) Pyrene	19.50	202	2088	0.41	ng/ul	96
18) Benzo(a)anthracene	21.26	228	1666	0.39	ng/ul	94
19) Chrysene	21.31	228	1932	0.41	ng/ul	94
21) Benzo(b)fluoranthene	22.83	252	1869	0.37	ng/ul	94
22) Benzo(k)fluoranthene	22.87	252	2010	0.40	ng/ul	93
23) Benzo(a)pyrene	23.40	252	1903	0.40	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.75	276	2260	0.40	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.75	278	1794	0.40	ng/ul#	90
26) Benzo(g,h,i)perylene	26.44	276	1943	0.40	ng/ul	94

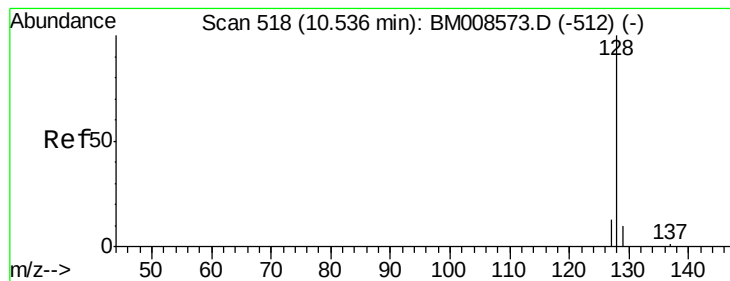
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008582.D
Acq On : 23 Dec 2016 07:05
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.460

Quant Time: Dec 23 07:40:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.460

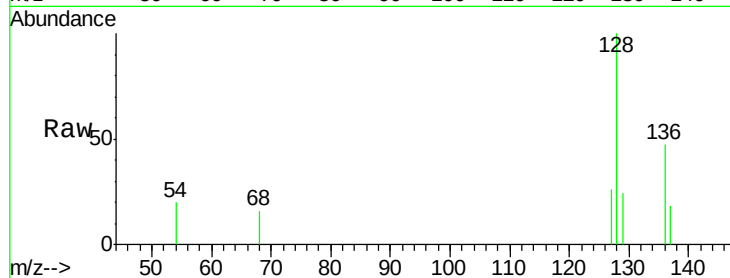
Tgt Ion:128 Resp: 1272

Ion Ratio Lower Upper

128 100

129 23.6 11.3 16.9#

127 26.0 12.8 19.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.54

400

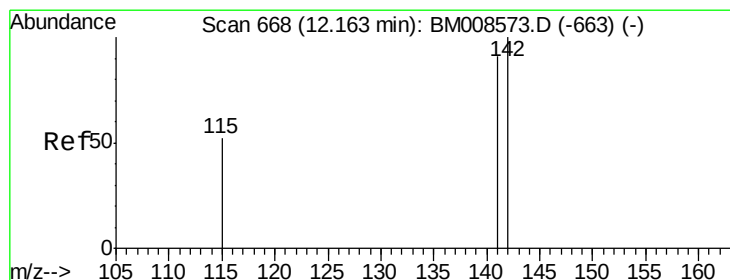
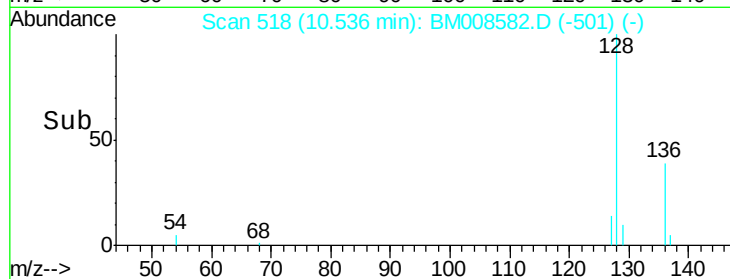
300

200

100

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.37 ng/ul

RT: 12.17 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM008582.D

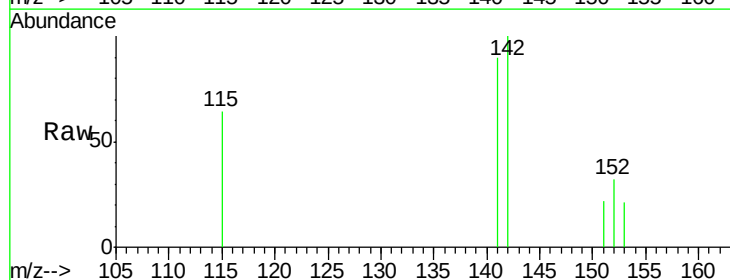
Acq: 23 Dec 2016 07:05

Tgt Ion:142 Resp: 816

Ion Ratio Lower Upper

142 100

141 95.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.17

250

200

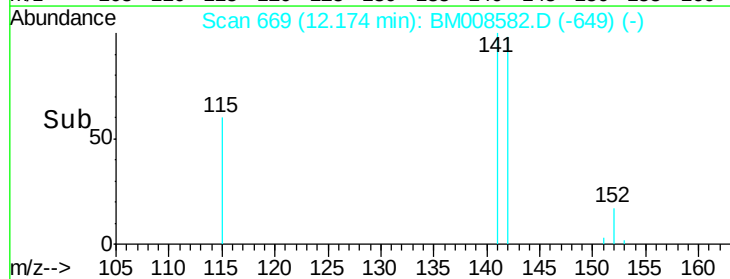
150

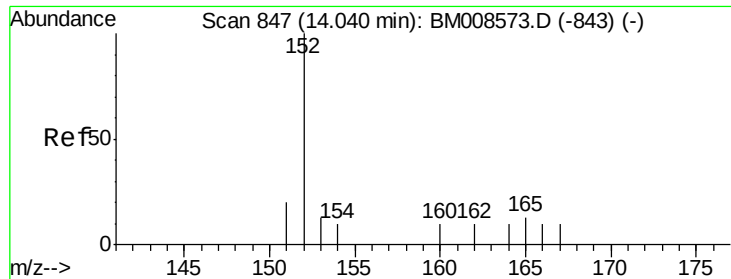
100

50

0

Time-->





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

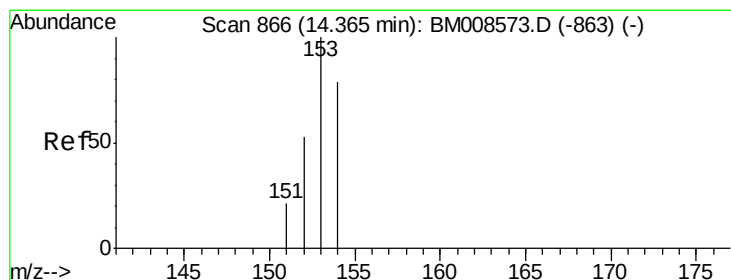
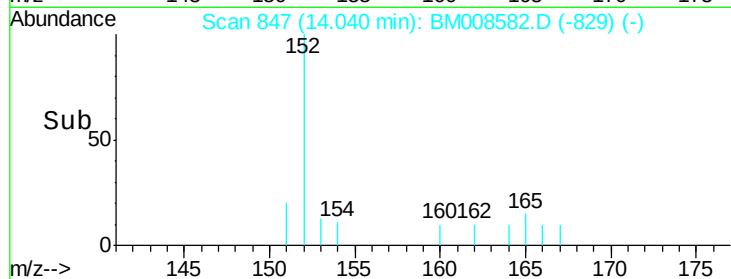
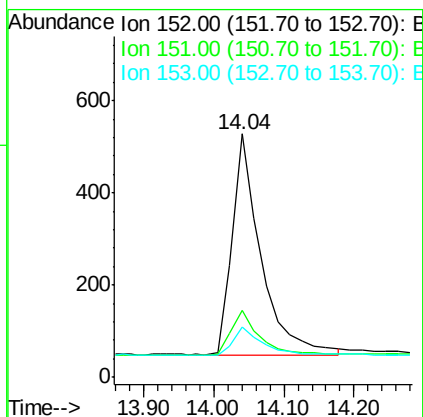
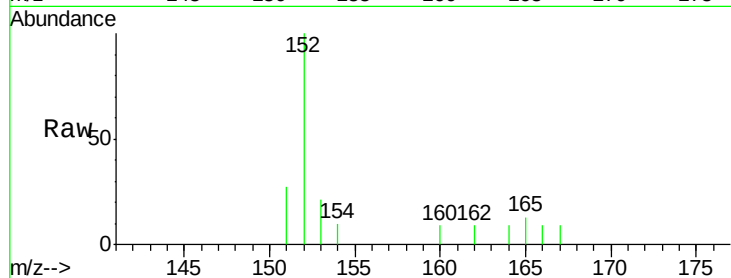
Instrument :

BNA_M

ClientSampleId :

SSTD0.460

Tgt Ion:	152	Resp:	1200
Ion	Ratio	Lower	Upper
152	100		
151	27.5	17.1	25.7#
153	20.8	12.8	19.2#



#8

Acenaphthene

Concen: 0.40 ng/ul

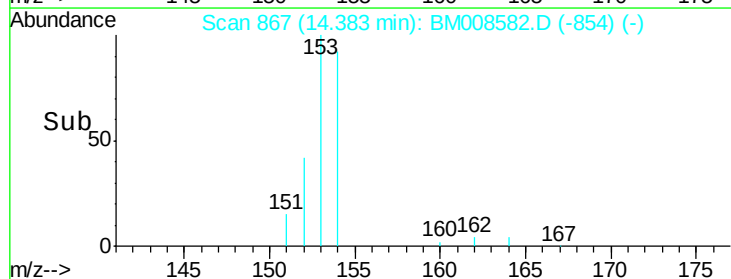
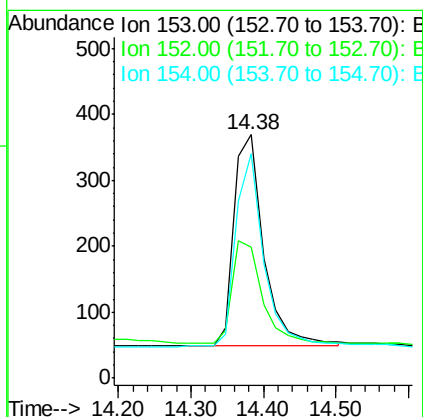
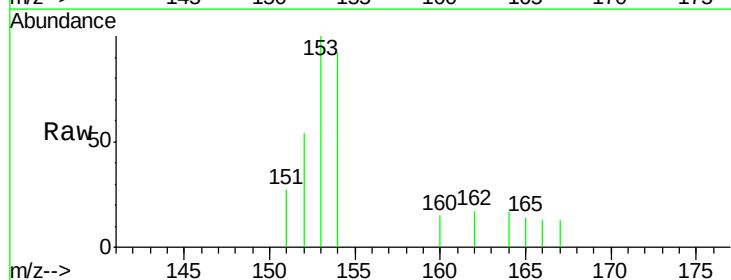
RT: 14.38 min Scan# 867

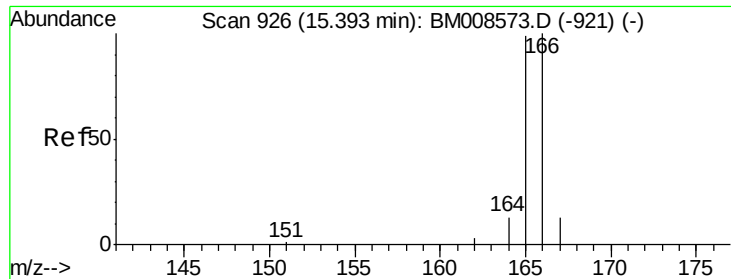
Delta R.T. 0.02 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Tgt Ion:	153	Resp:	907
Ion	Ratio	Lower	Upper
153	100		
152	53.9	40.3	60.5
154	92.4	71.4	107.2





#9

Fluorene

Concen: 0.39 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.460

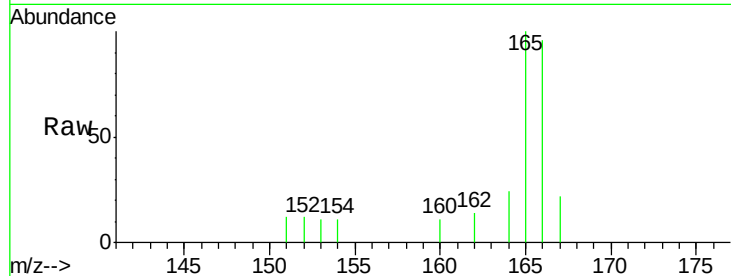
Tgt Ion:166 Resp: 998

Ion Ratio Lower Upper

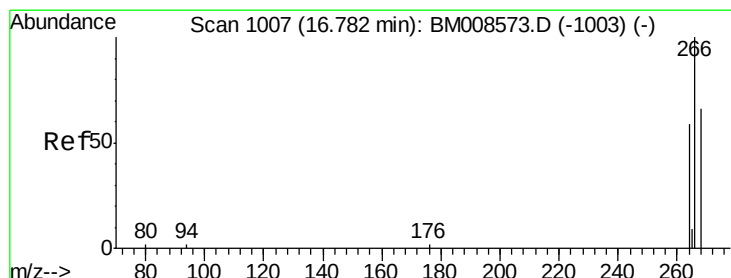
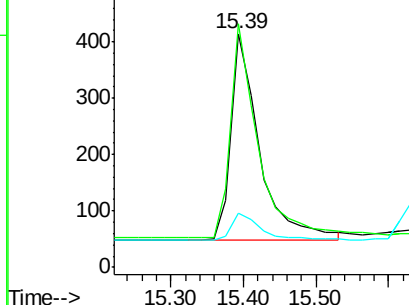
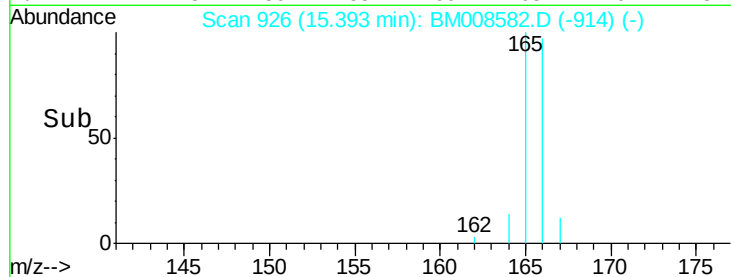
166 100

165 104.1 73.4 110.2

167 23.1 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.41 ng/ul

RT: 16.78 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

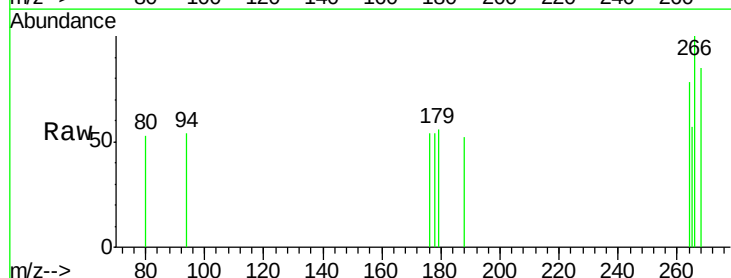
Tgt Ion:266 Resp: 160

Ion Ratio Lower Upper

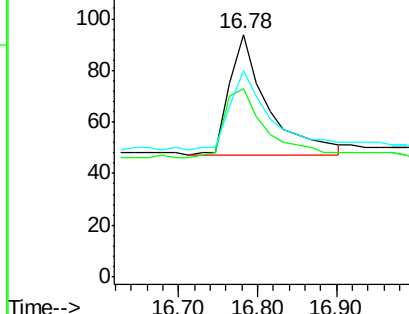
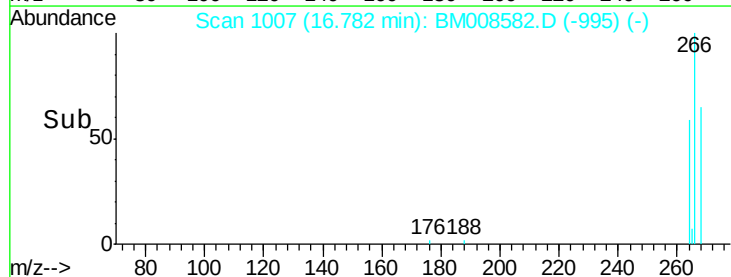
266 100

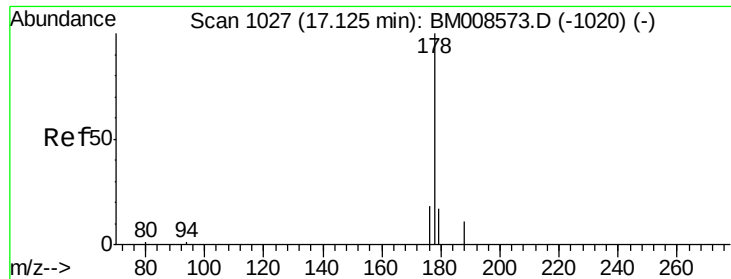
264 63.1 47.9 71.9

268 70.0 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.460

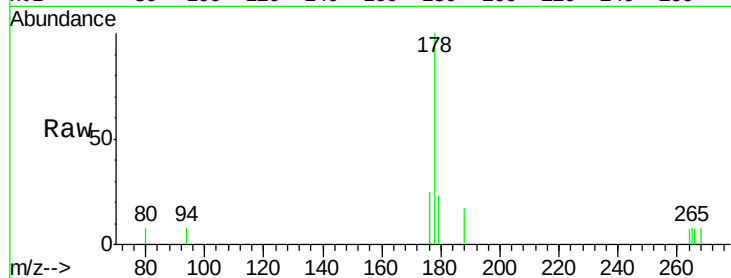
Tgt Ion:178 Resp: 1535

Ion Ratio Lower Upper

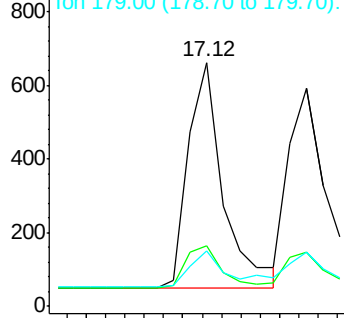
178 100

176 24.7 18.4 27.6

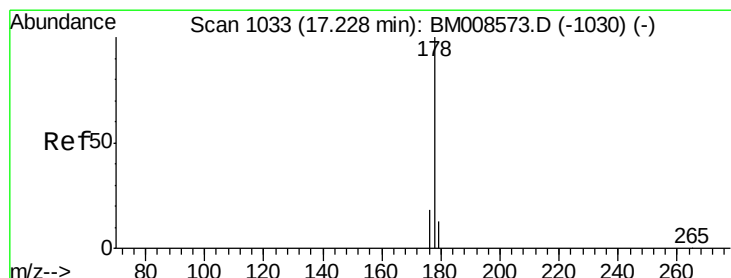
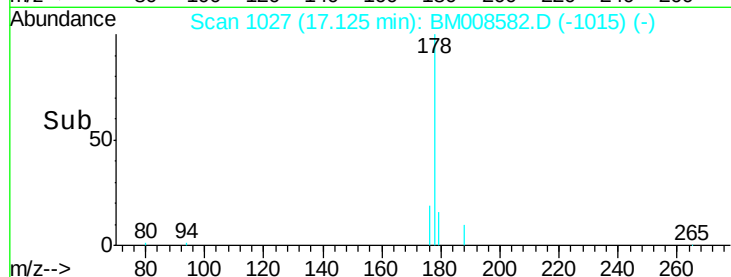
179 22.8 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E



Time-->



#13

Anthracene

Concen: 0.39 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

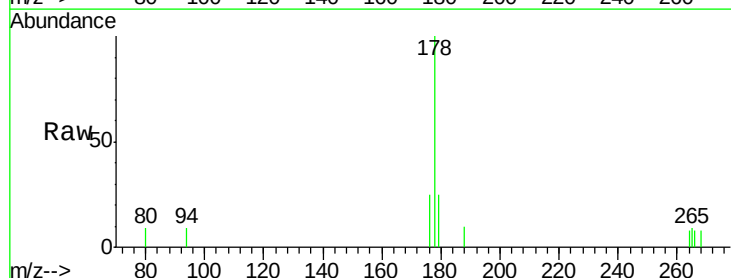
Tgt Ion:178 Resp: 1482

Ion Ratio Lower Upper

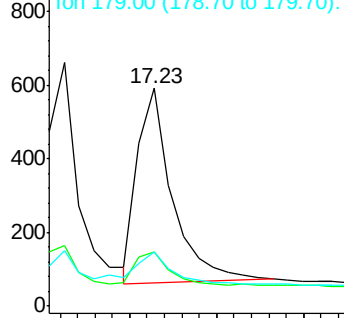
178 100

176 24.7 18.1 27.1

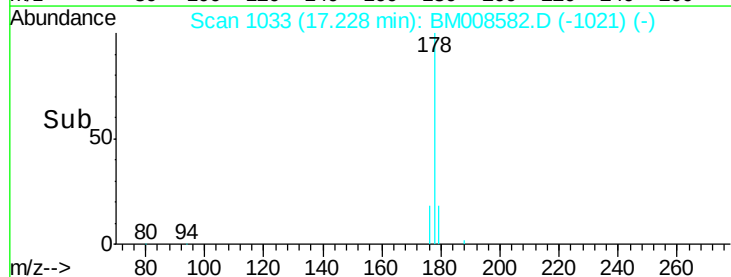
179 25.1 14.7 22.1#

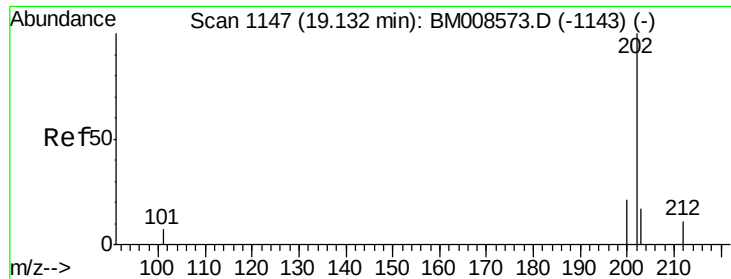


Abundance Ion 178.00 (177.70 to 178.70): E



Time-->





#15

Fluoranthene

Concen: 0.57 ng/ul

RT: 19.14 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.460

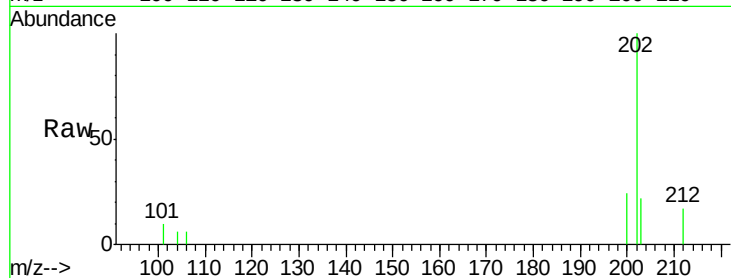
Tgt Ion:202 Resp: 2689

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

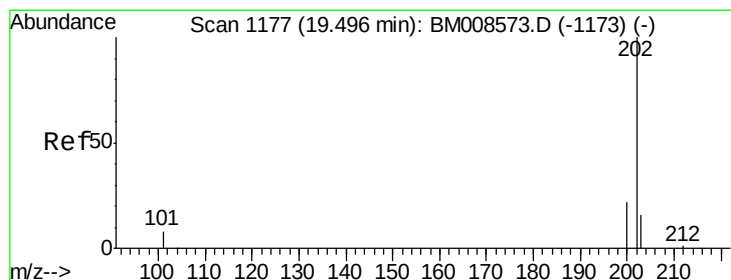
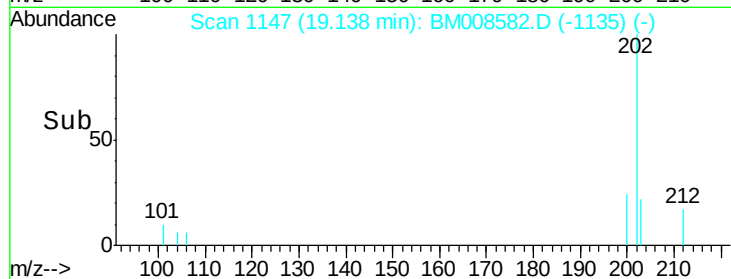
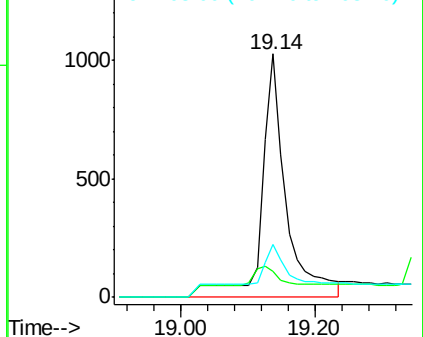
203 21.7 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 0.41 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

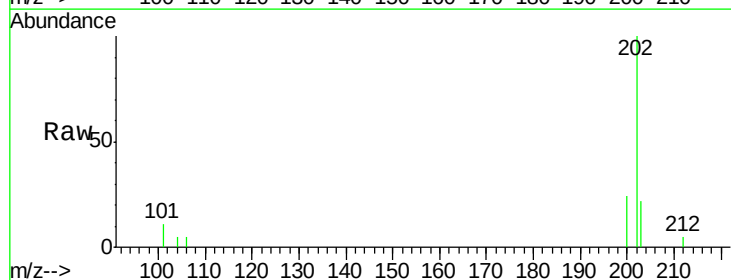
Tgt Ion:202 Resp: 2088

Ion Ratio Lower Upper

202 100

200 24.5 18.2 27.4

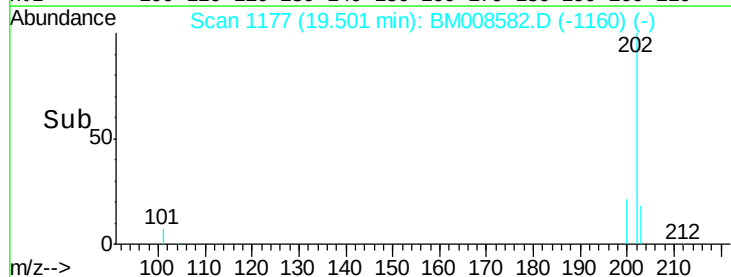
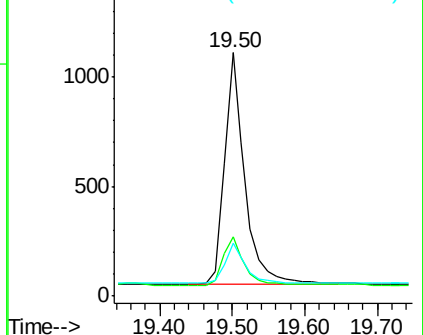
203 22.0 15.6 23.4

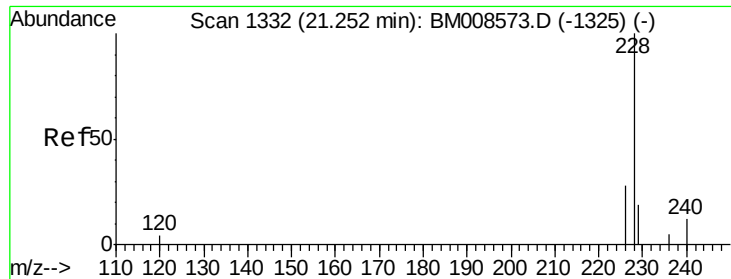


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.39 ng/ul

RT: 21.26 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.460

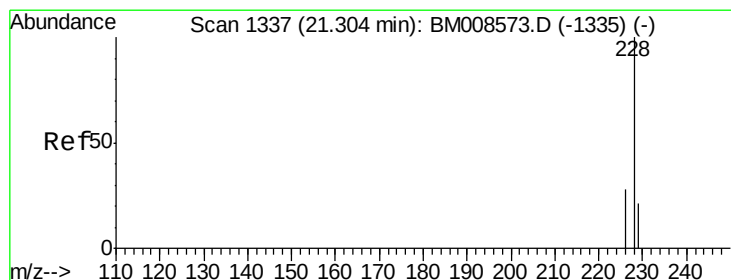
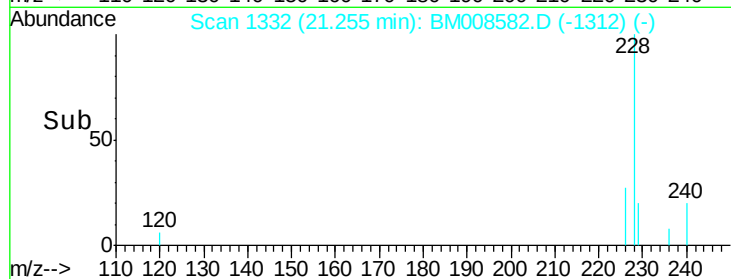
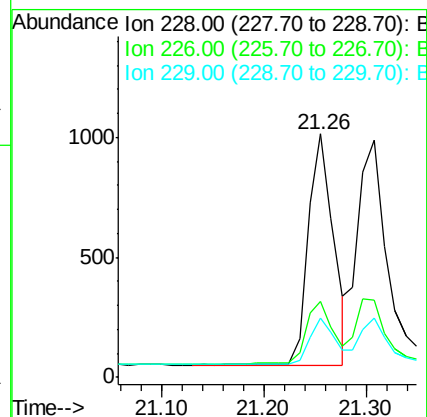
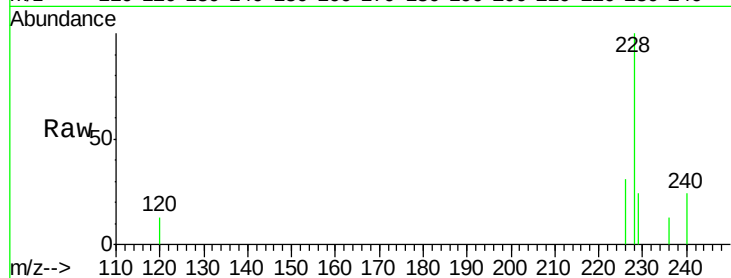
Tgt Ion:228 Resp: 1666

Ion Ratio Lower Upper

228 100

226 31.4 22.8 34.2

229 24.1 17.0 25.6



#19

Chrysene

Concen: 0.41 ng/ul

RT: 21.31 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

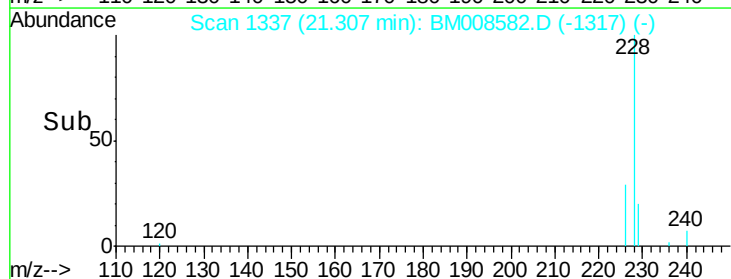
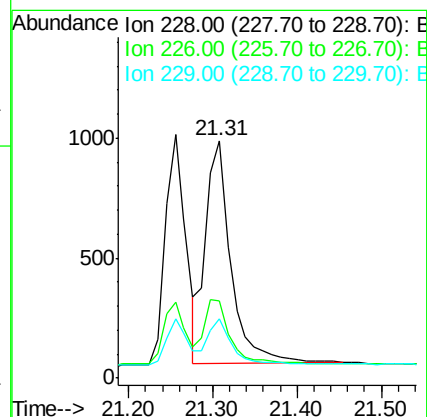
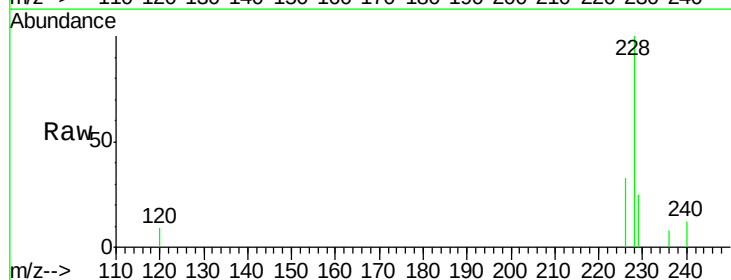
Tgt Ion:228 Resp: 1932

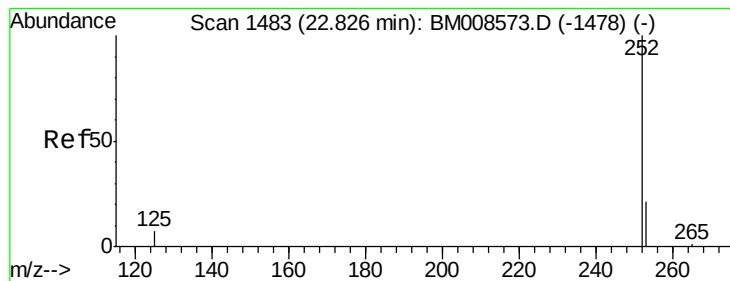
Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

229 24.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.460

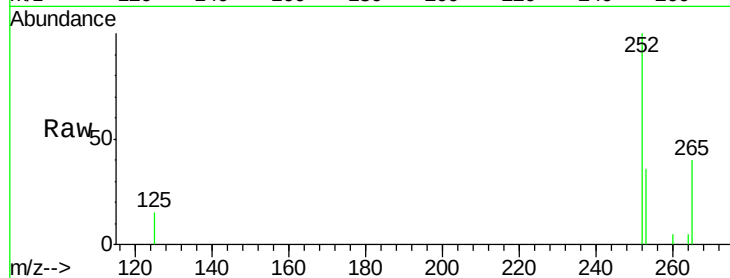
Tgt Ion:252 Resp: 1869

Ion Ratio Lower Upper

252 100

253 35.5 0.0 64.2

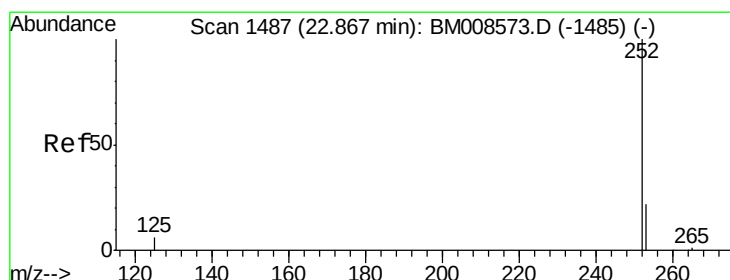
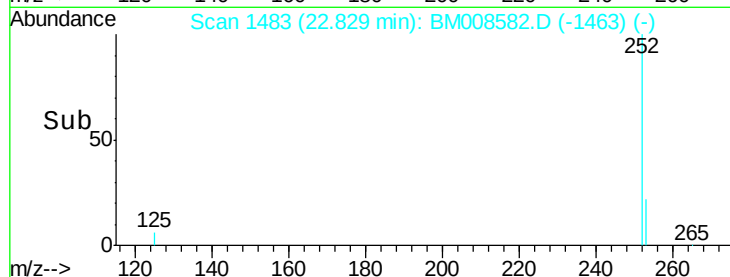
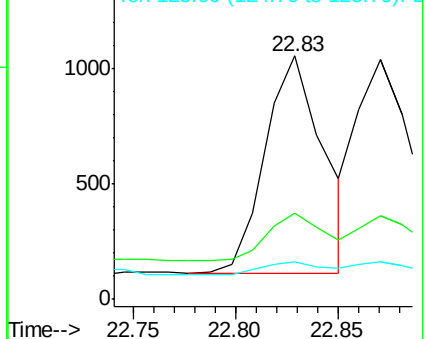
125 15.5 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.40 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

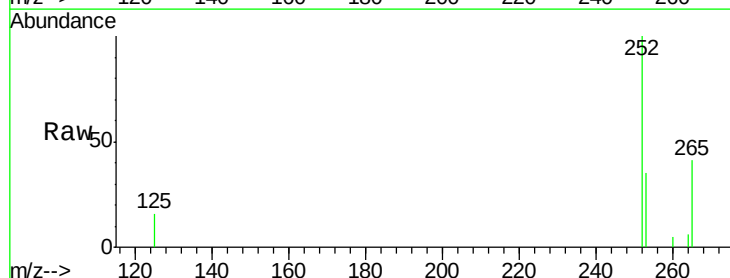
Tgt Ion:252 Resp: 2010

Ion Ratio Lower Upper

252 100

253 35.1 24.5 36.7

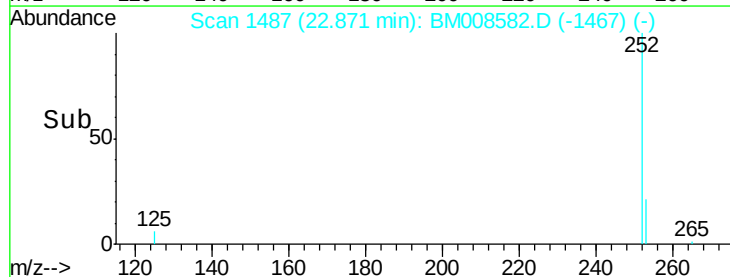
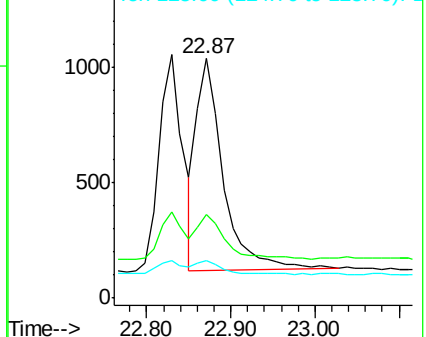
125 15.5 13.7 20.5

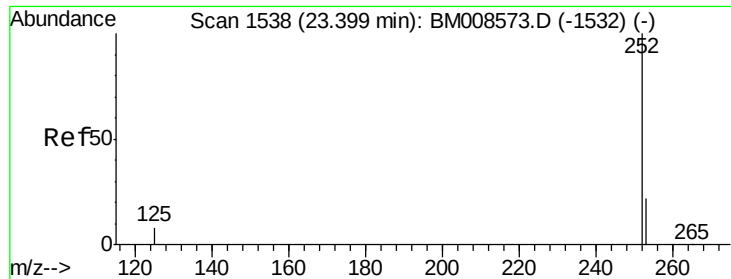


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.460

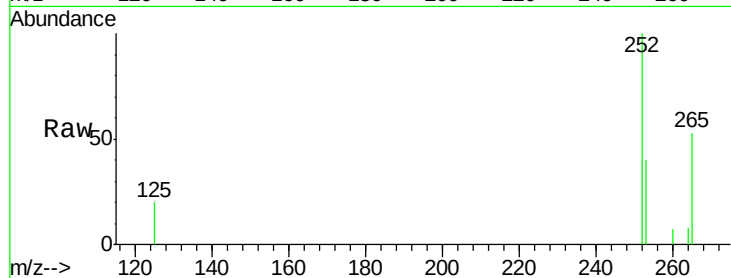
Tgt Ion:252 Resp: 1903

Ion Ratio Lower Upper

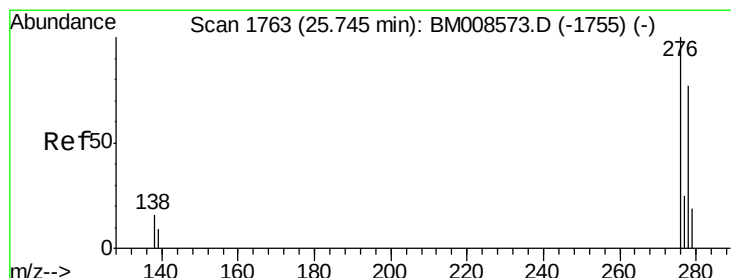
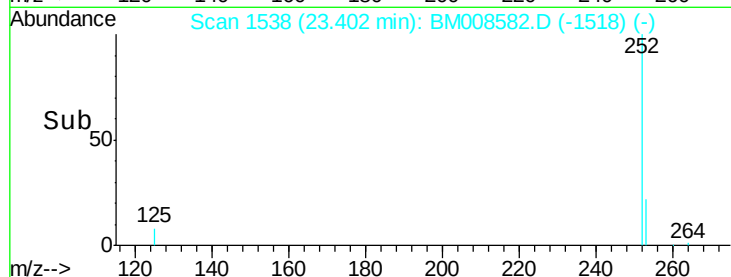
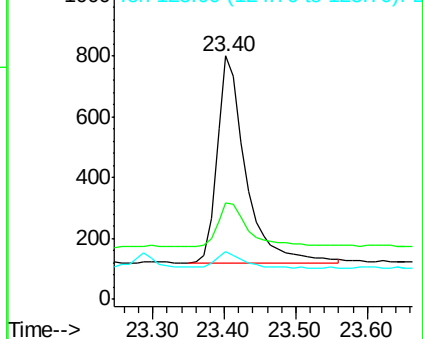
252 100

253 39.6 28.5 42.7

125 19.6 18.1 27.1



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.40 ng/ul

RT: 25.75 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

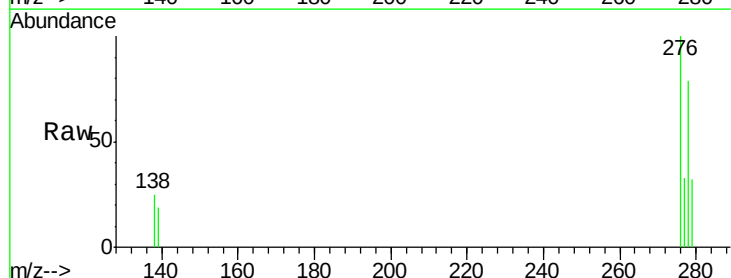
Tgt Ion:276 Resp: 2260

Ion Ratio Lower Upper

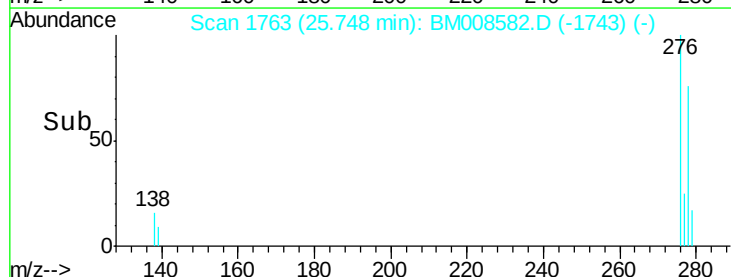
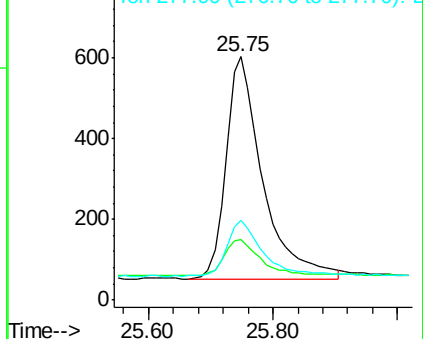
276 100

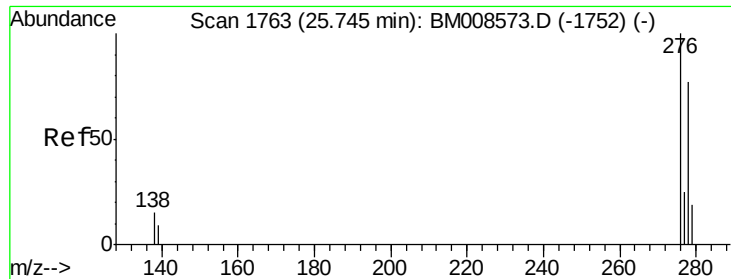
138 16.6 19.1 28.7#

277 25.0 19.6 29.4



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





#25

Dibenzo(a,h)anthracene

Concen: 0.40 ng/ul

RT: 25.75 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.460

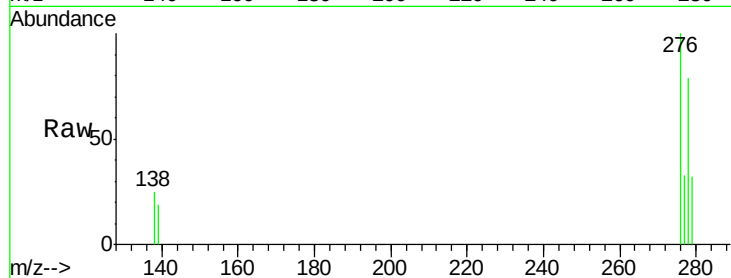
Tgt Ion:278 Resp: 1794

Ion Ratio Lower Upper

278 100

139 24.3 17.4 26.0

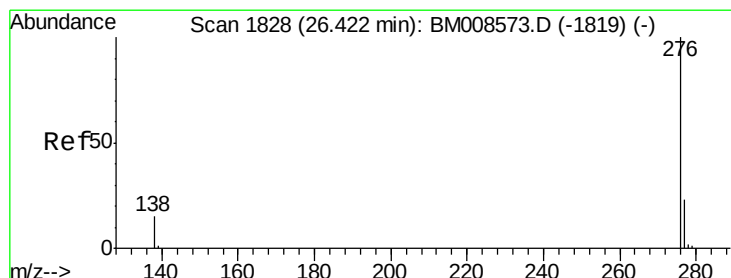
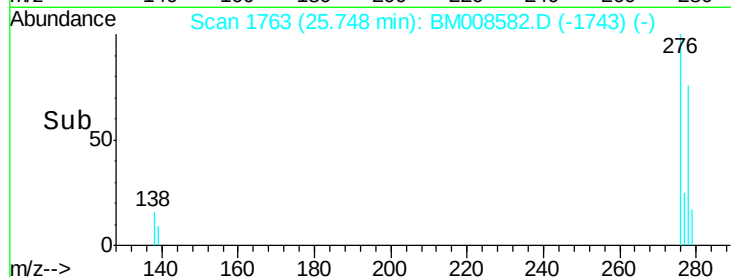
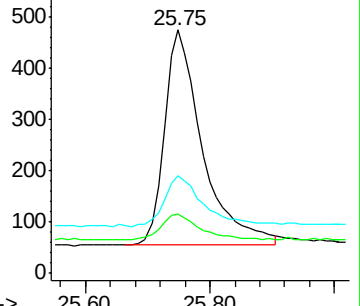
279 40.1 25.9 38.9#



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



#26

Benzo(g,h,i)perylene

Concen: 0.40 ng/ul

RT: 26.44 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BM008582.D

Acq: 23 Dec 2016 07:05

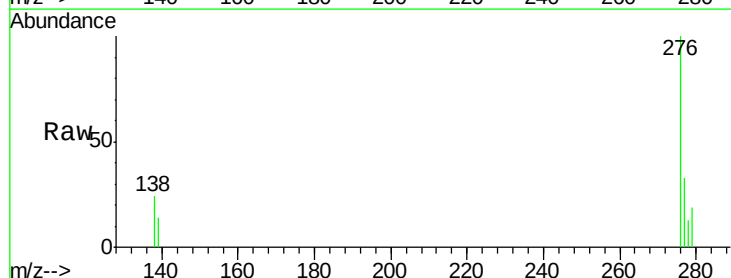
Tgt Ion:276 Resp: 1943

Ion Ratio Lower Upper

276 100

277 32.6 21.8 32.8

138 24.3 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

