

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008011.D
 Acq On : 23 Nov 2016 01:10
 Operator : UM/SJ
 Sample : H5694-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS4

Quant Time: Nov 23 04:51:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:26:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	618	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	2118	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1279	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	109724	0.40	ng/ul	0.09
16) Chrysene-d12	21.30	240	2603	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2828	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	570	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1342	0.00	ng/ul	-0.01

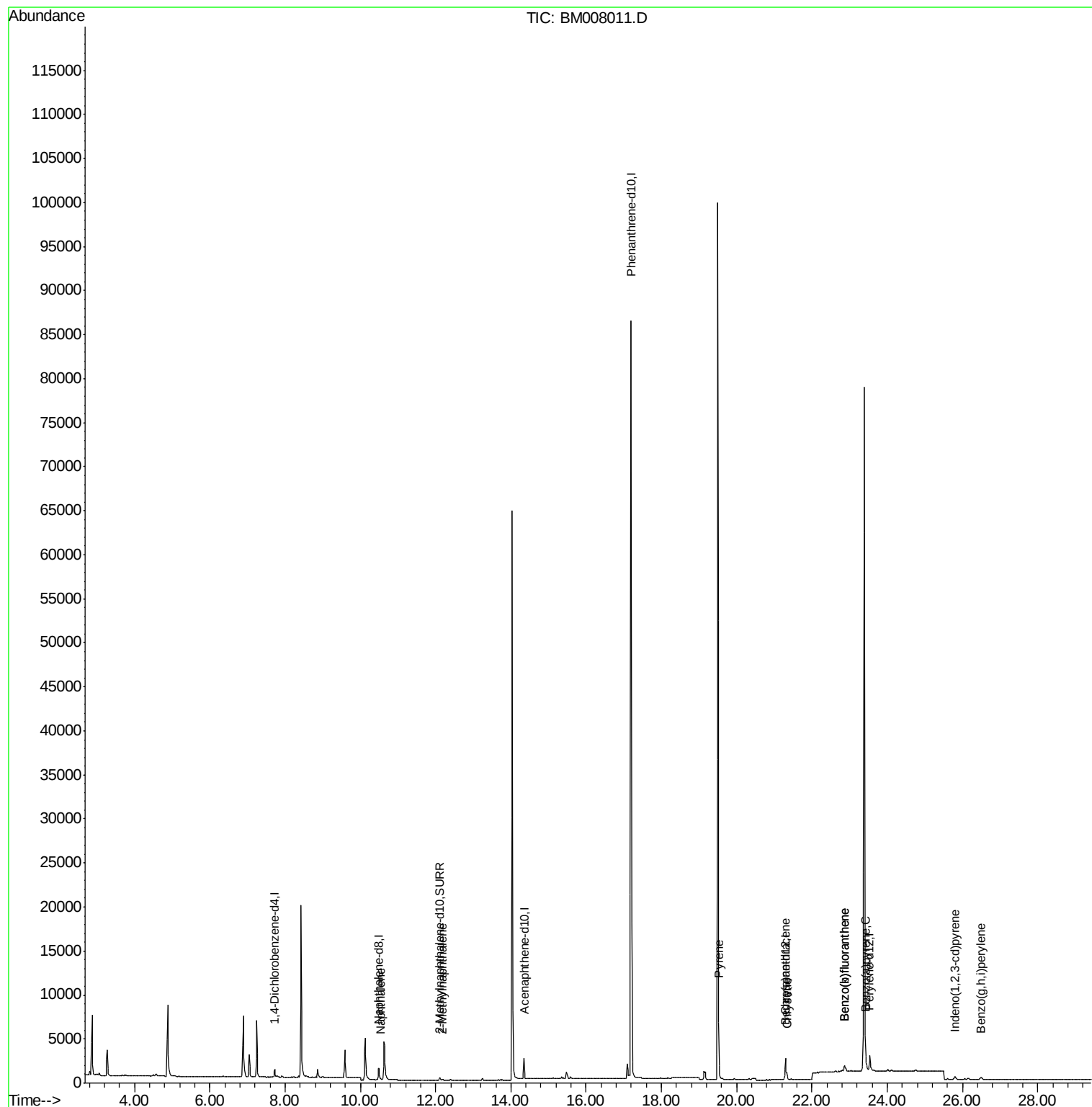
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	244	0.04	ng/ul#	41
5) 2-Methylnaphthalene	12.18	142	159	0.04	ng/ul	100
17) Pyrene	19.52	202	1317	0.15	ng/ul#	85
18) Benzo(a)anthracene	21.28	228	664	0.08	ng/ul#	80
19) Chrysene	21.34	228	785	0.08	ng/ul#	83
21) Benzo(b)fluoranthene	22.87	252	1441	0.13	ng/ul#	48
22) Benzo(k)fluoranthene	22.87	252	1441	0.12	ng/ul#	45
23) Benzo(a)pyrene	23.43	252	683	0.06	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	25.80	276	560	0.04	ng/ul#	94
26) Benzo(g,h,i)perylene	26.48	276	523	0.05	ng/ul#	59

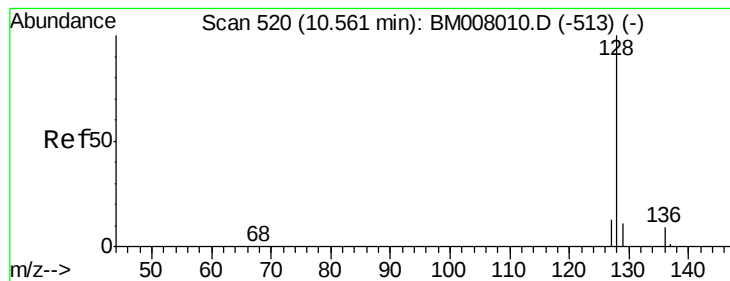
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
Data File : BM008011.D
Acq On : 23 Nov 2016 01:10
Operator : UM/SJ
Sample : H5694-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSS4

Quant Time: Nov 23 04:51:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:26:48 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.02 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

ClientSampleId :

JHSS4

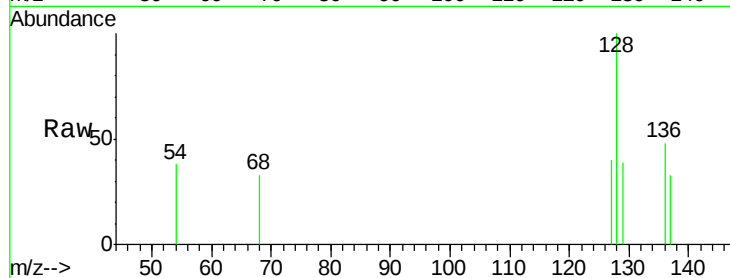
Tgt Ion:128 Resp: 244

Ion Ratio Lower Upper

128 100

129 39.3 11.3 16.9#

127 39.9 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

150

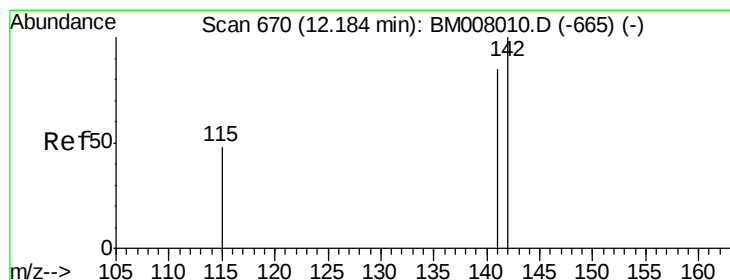
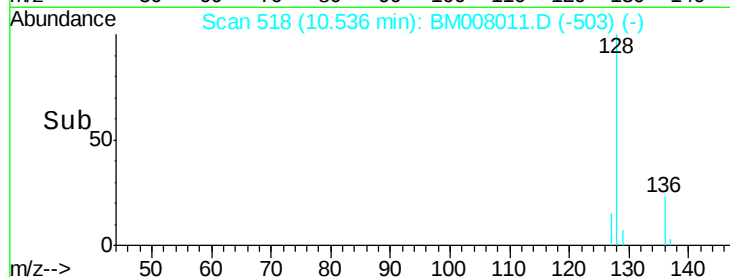
100

50

0

10.40 10.50 10.60

Time-->



#5

2-Methylnaphthalene

Concen: 0.04 ng/ul

RT: 12.18 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM008011.D

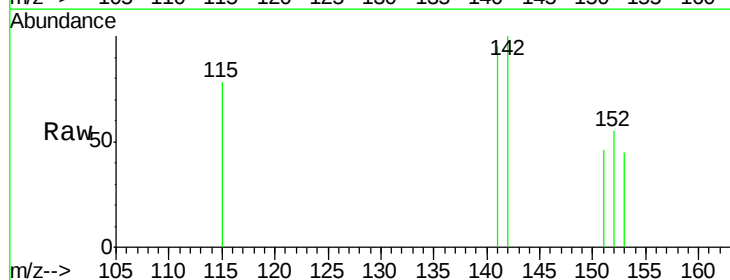
Acq: 23 Nov 2016 01:10

Tgt Ion:142 Resp: 159

Ion Ratio Lower Upper

142 100

141 90.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.18

120

100

80

60

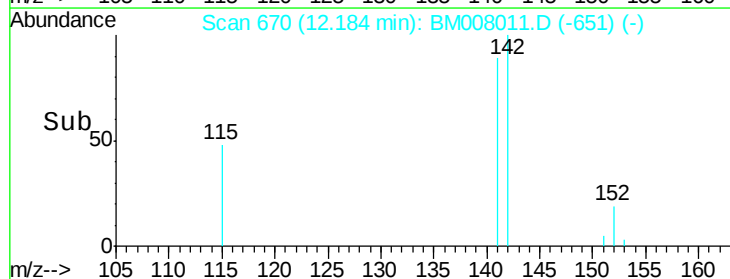
40

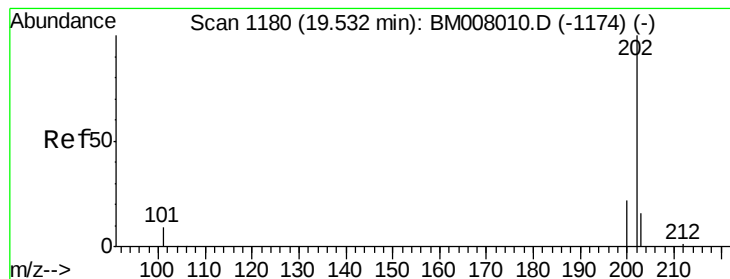
20

0

12.10 12.20 12.30

Time-->





#17

Pyrene

Concen: 0.15 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

ClientSampleId :

JHSS4

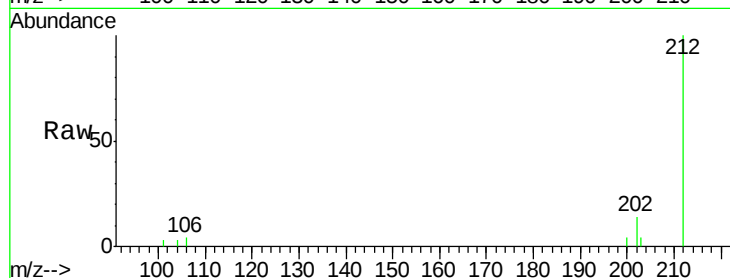
Tgt Ion:202 Resp: 1317

Ion Ratio Lower Upper

202 100

200 28.1 18.2 27.4#

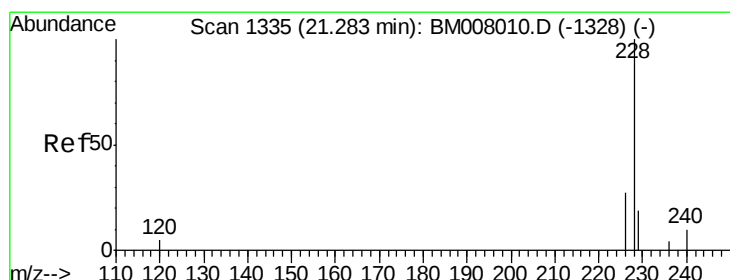
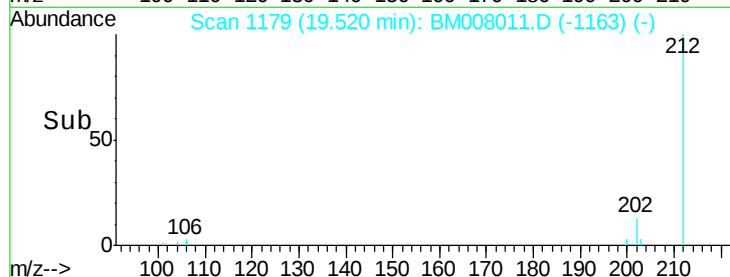
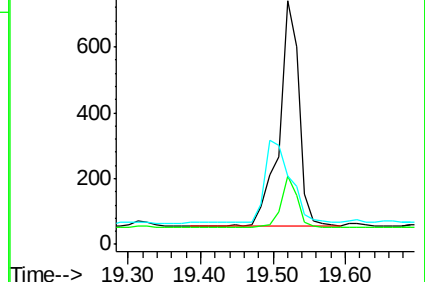
203 28.2 15.6 23.4#



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: 0.08 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

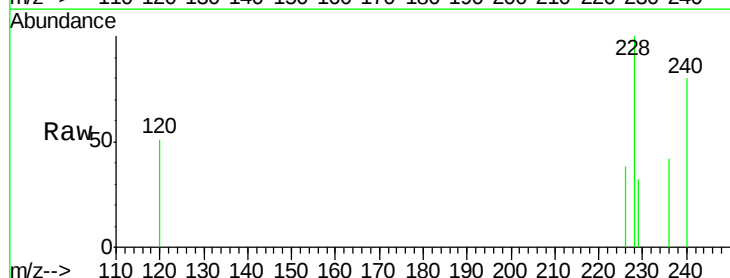
Tgt Ion:228 Resp: 664

Ion Ratio Lower Upper

228 100

226 37.8 22.8 34.2#

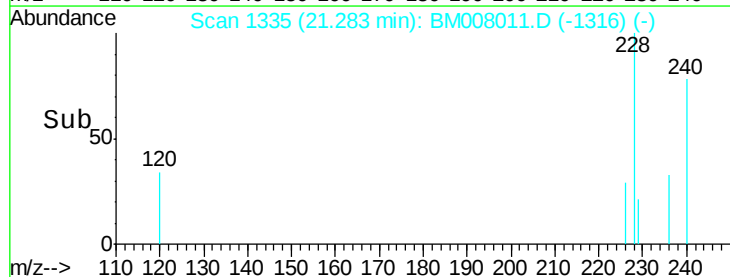
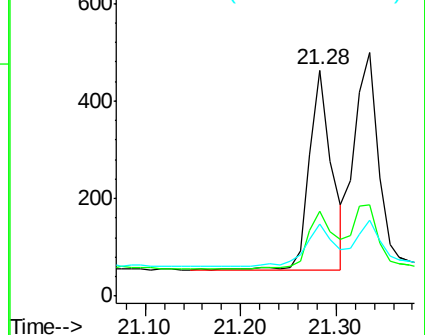
229 32.0 17.0 25.6#

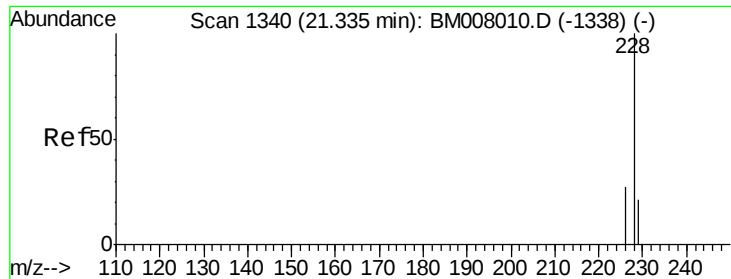


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.08 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

ClientSampleId :

JHSS4

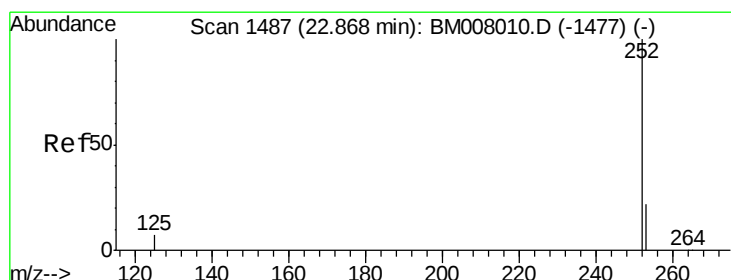
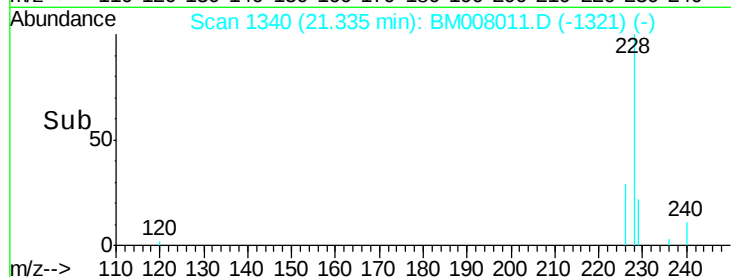
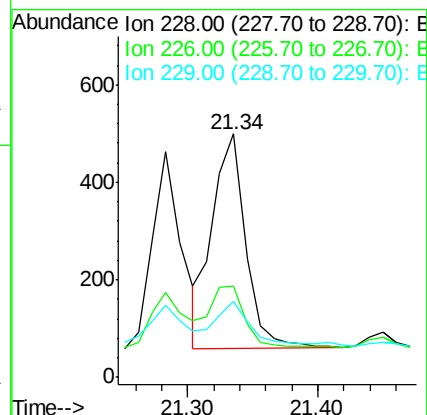
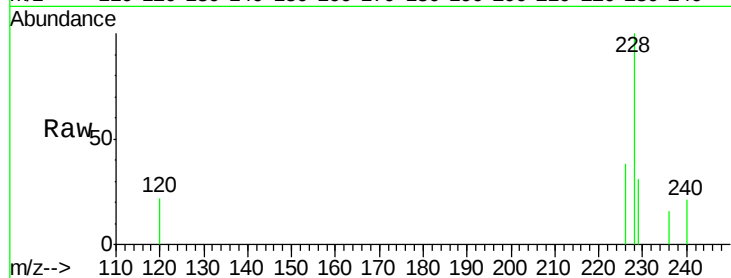
Tgt Ion:228 Resp: 785

Ion Ratio Lower Upper

228 100

226 37.7 23.4 35.0#

229 31.3 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.13 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

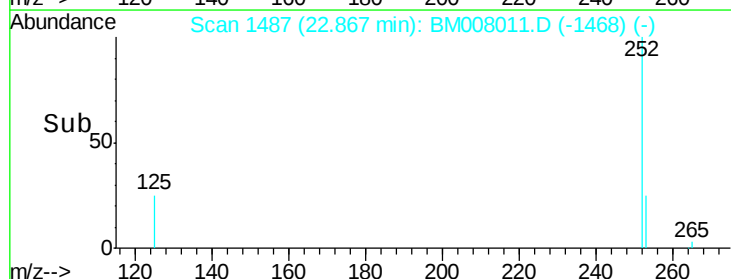
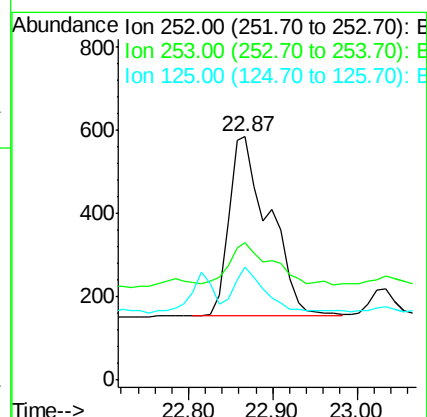
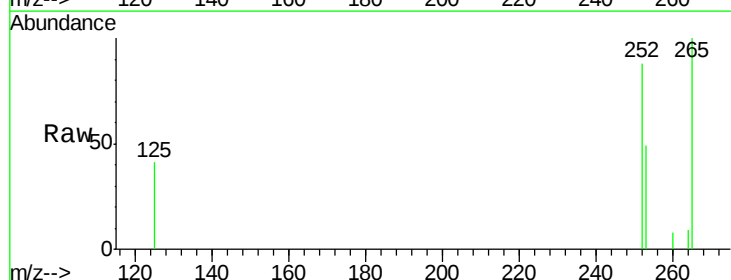
Tgt Ion:252 Resp: 1441

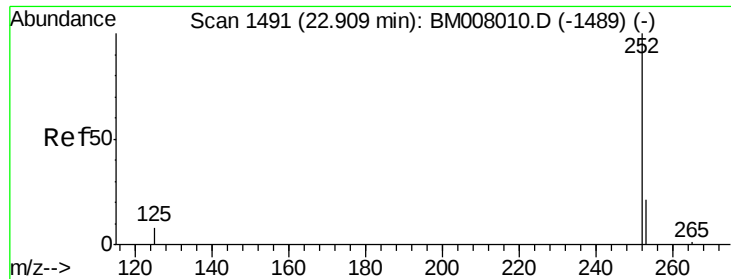
Ion Ratio Lower Upper

252 100

253 56.5 0.0 64.2

125 46.4 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.12 ng/u1

RT: 22.87 min Scan# 1487

Delta R.T. -0.04 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

ClientSampleId :

JHSS4

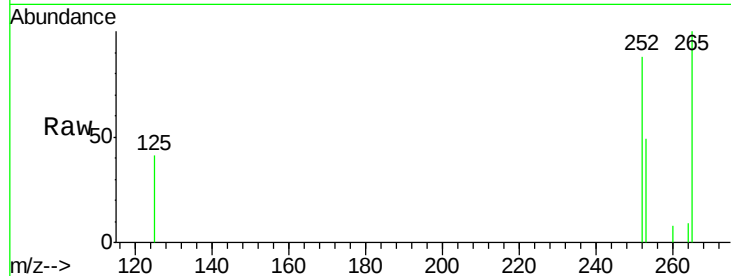
Tgt Ion:252 Resp: 1441

Ion Ratio Lower Upper

252 100

253 56.5 24.5 36.7#

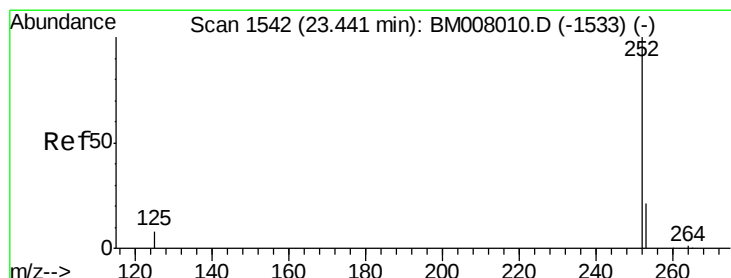
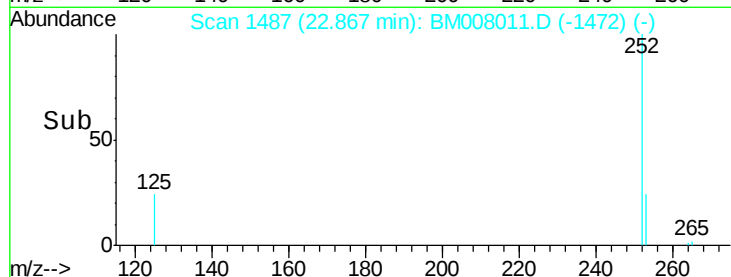
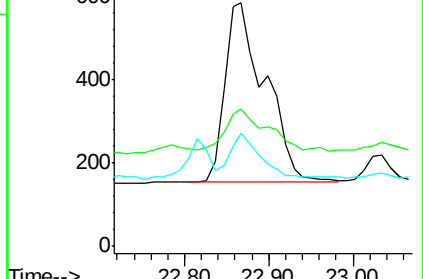
125 46.4 13.7 20.5#



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: 0.06 ng/u1

RT: 23.43 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

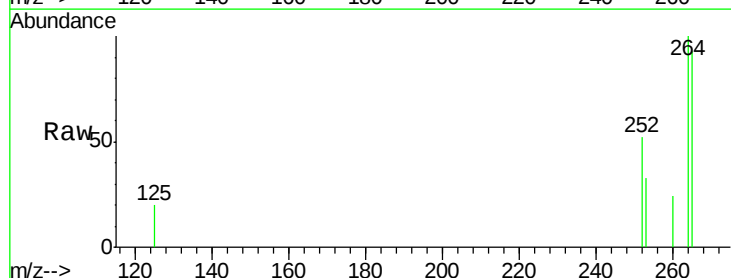
Tgt Ion:252 Resp: 683

Ion Ratio Lower Upper

252 100

253 63.3 28.5 42.7#

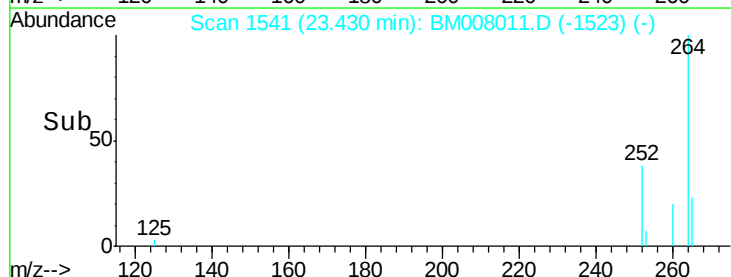
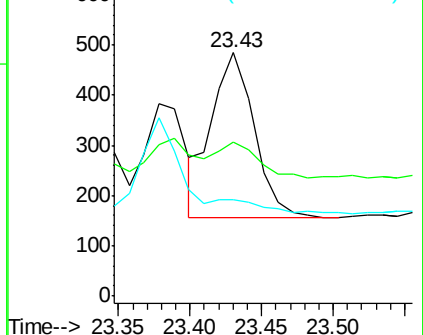
125 39.4 18.1 27.1#

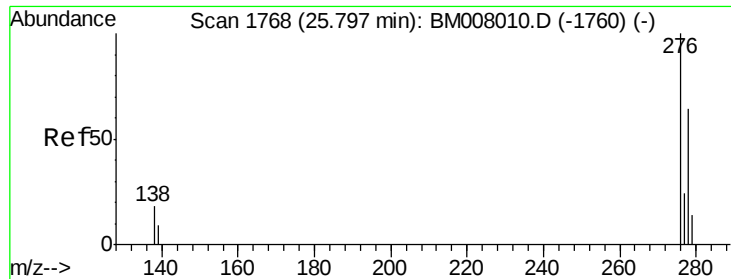


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.04 ng/ul

RT: 25.80 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

ClientSampleId :

JHSS4

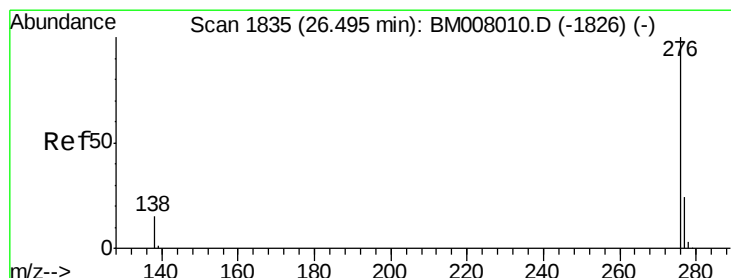
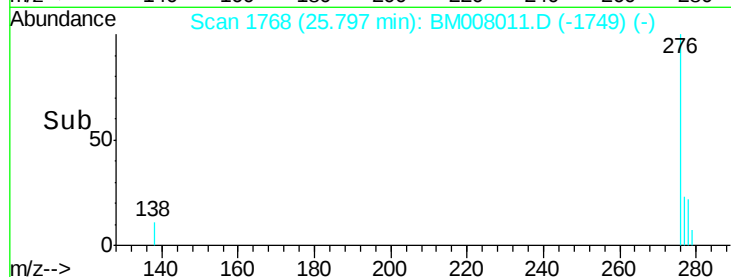
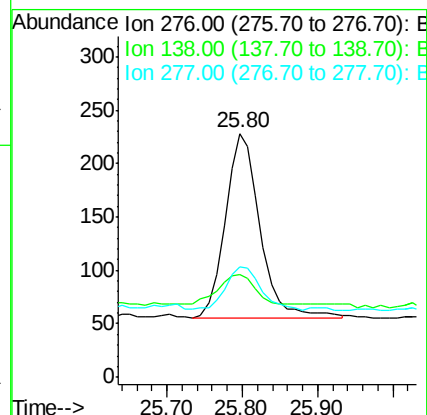
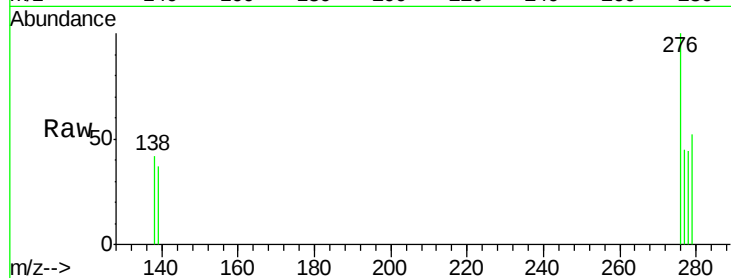
Tgt Ion:276 Resp: 560

Ion Ratio Lower Upper

276 100

138 17.7 19.1 28.7#

277 24.6 19.6 29.4



#26

Benzo(g,h,i)perylene

Concen: 0.05 ng/ul

RT: 26.48 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Tgt Ion:276 Resp: 523

Ion Ratio Lower Upper

276 100

277 48.7 21.8 32.8#

138 46.2 20.5 30.7#

