

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008008.D
 Acq On : 22 Nov 2016 23:23
 Operator : UM/SJ
 Sample : H5694-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR0

Quant Time: Nov 23 00:49:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 16:05:09 2016
 Response via : Initial Calibration

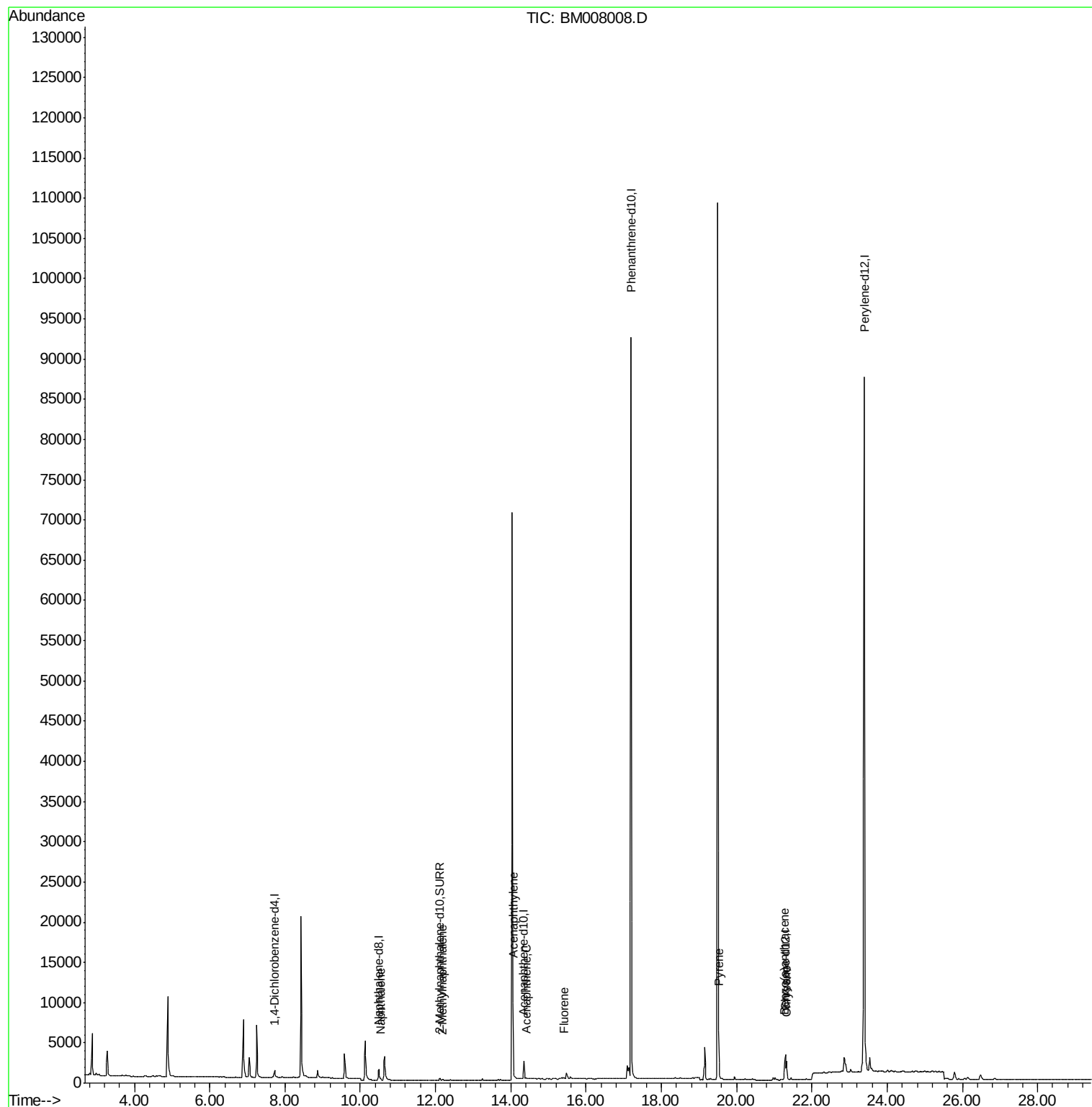
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	616	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2095	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1278	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.19	188	114610	0.40	ng/ul	0.09
16) Chrysene-d12	21.30	240	2549	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	98296	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	596	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	1468	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.55	128	239	0.04	ng/ul#	45
5) 2-Methylnaphthalene	12.18	142	158	0.04	ng/ul	97
7) Acenaphthylene	14.06	152	136	0.02	ng/ul#	20
8) Acenaphthene	14.40	153	107	0.02	ng/ul#	84
9) Fluorene	15.41	166	147	0.03	ng/ul#	87
17) Pyrene	19.53	202	4178	0.47	ng/ul	99
18) Benzo(a)anthracene	21.28	228	2223	0.28	ng/ul	95
19) Chrysene	21.33	228	2465	0.25	ng/ul	94

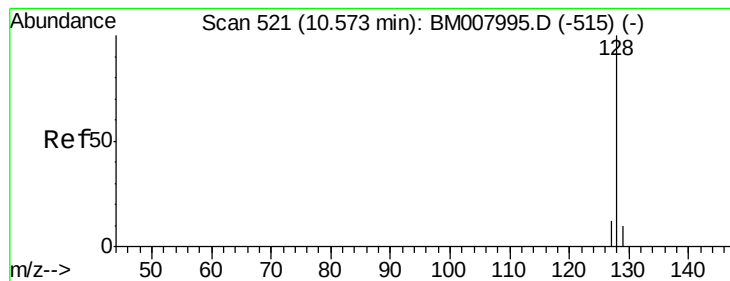
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

Instrument :

BNA_M

ClientSampleId :

JHSR0

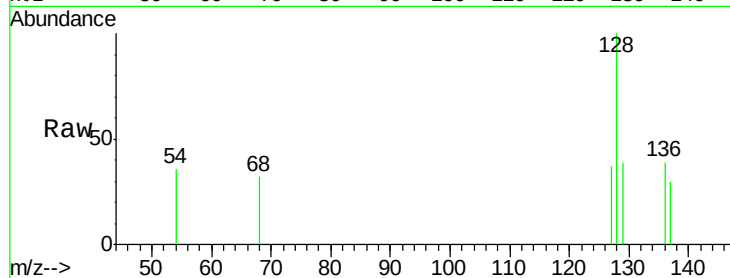
Tgt Ion:128 Resp: 239

Ion Ratio Lower Upper

128 100

129 38.8 11.3 16.9#

127 37.1 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

10.55

150

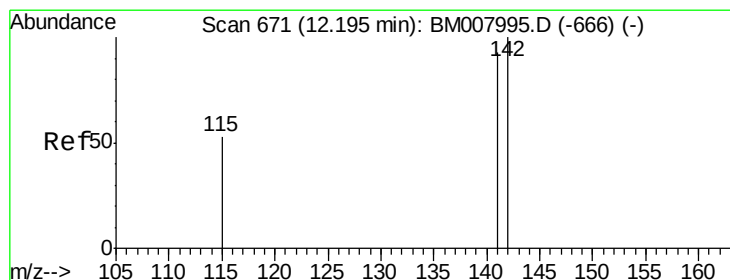
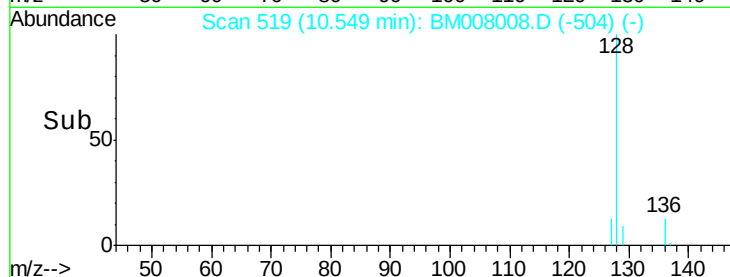
100

50

0

10.50 10.55 10.60

Time-->



#5

2-Methylnaphthalene

Concen: 0.04 ng/ul

RT: 12.18 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM008008.D

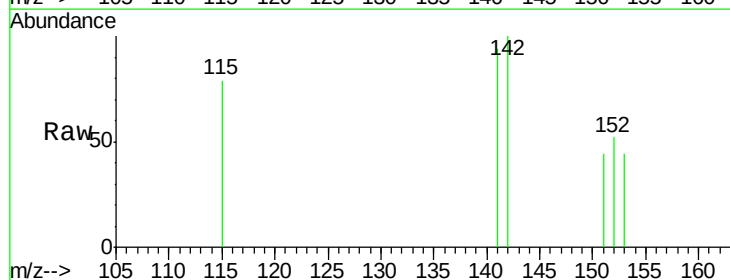
Acq: 22 Nov 2016 23:23

Tgt Ion:142 Resp: 158

Ion Ratio Lower Upper

142 100

141 93.7 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

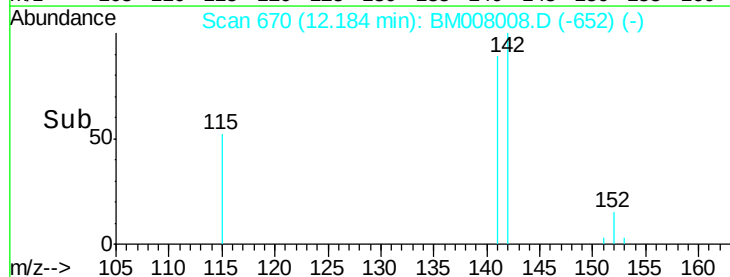
100

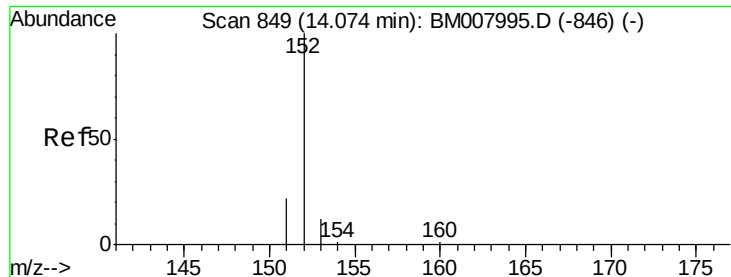
50

0

12.10 12.20 12.30

Time-->





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

Instrument :

BNA_M

ClientSampleId :

JHSR0

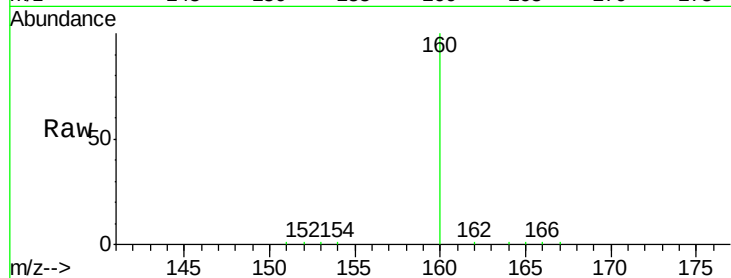
Tgt Ion:152 Resp: 136

Ion Ratio Lower Upper

152 100

151 56.3 17.1 25.7#

153 53.6 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

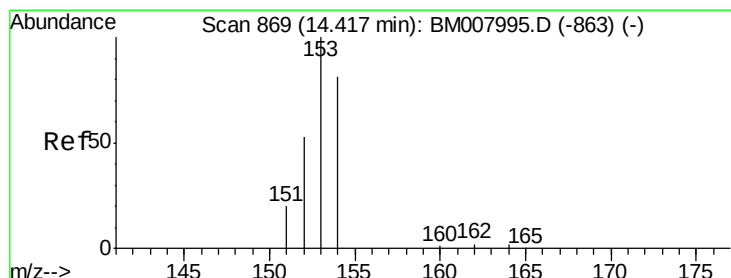
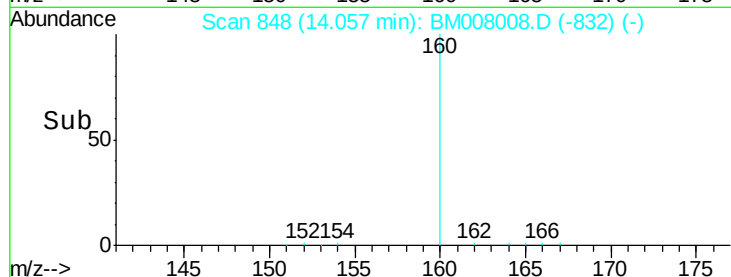
14.06

100

50

0

Time--> 13.90 14.00 14.10 14.20



#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.40 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

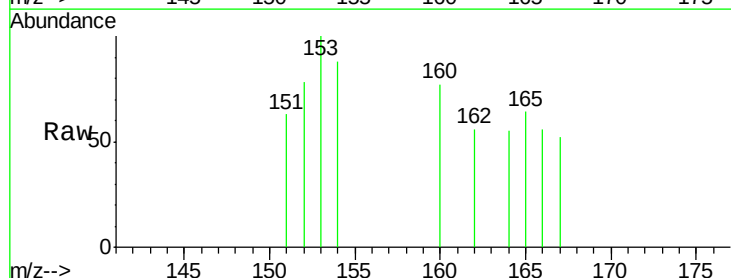
Tgt Ion:153 Resp: 107

Ion Ratio Lower Upper

153 100

152 78.1 40.3 60.5#

154 87.5 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.40

120

100

80

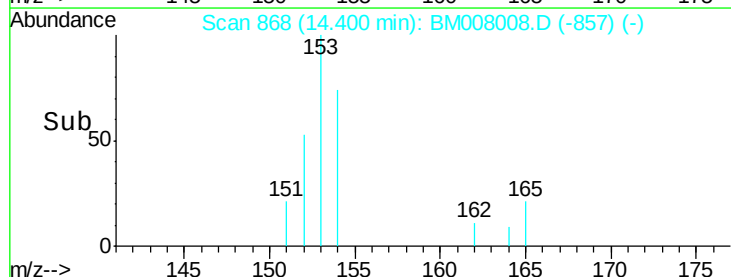
60

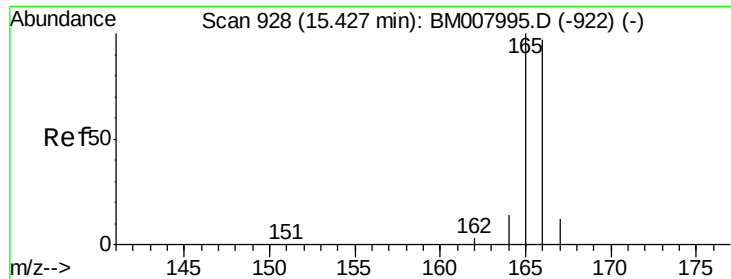
40

20

0

Time--> 14.40 14.50





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. -0.02 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

Instrument :

BNA_M

ClientSampleId :

JHSR0

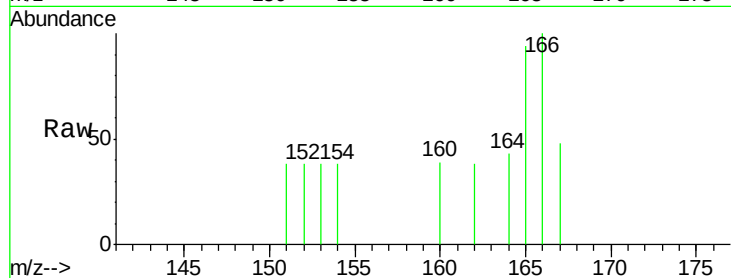
Tgt Ion:166 Resp: 147

Ion Ratio Lower Upper

166 100

165 94.1 73.4 110.2

167 47.8 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

250

200

150

100

50

0

15.35 15.40 15.45

15.41

15.42

15.43

15.44

15.45

15.46

15.47

15.48

15.49

15.50

15.51

15.52

15.53

15.54

15.55

15.56

15.57

15.58

15.59

15.60

15.61

15.62

15.63

15.64

15.65

15.66

15.67

15.68

15.69

15.70

15.71

15.72

15.73

15.74

15.75

15.76

15.77

15.78

15.79

15.80

15.81

15.82

15.83

15.84

15.85

15.86

15.87

15.88

15.89

15.90

15.91

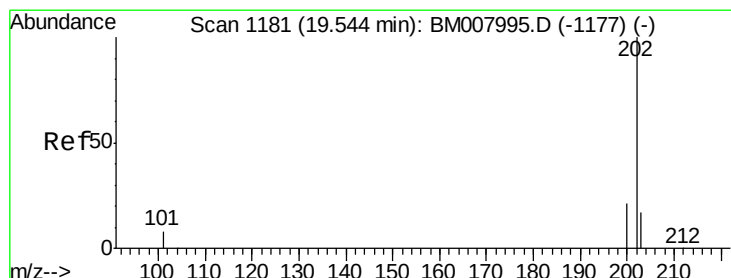
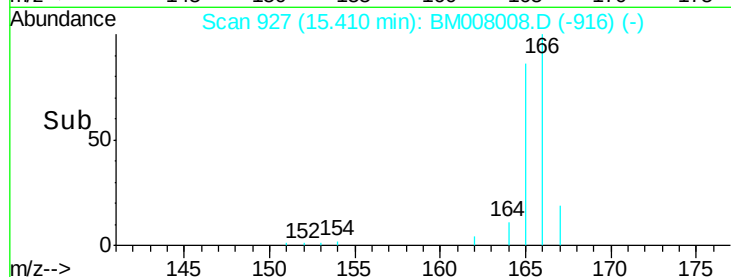
15.92

15.93

15.94

15.95

15.96



#17

Pyrene

Concen: 0.47 ng/ul

RT: 19.53 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

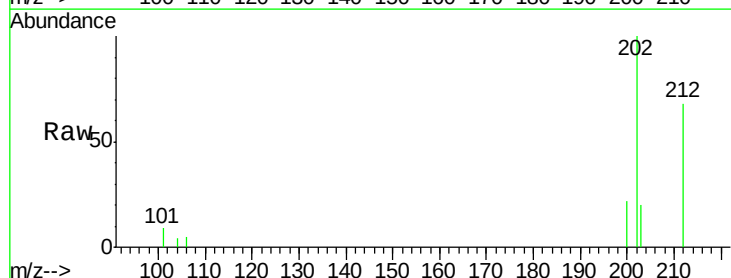
Tgt Ion:202 Resp: 4178

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.4

203 20.2 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

3000

2000

1000

0

19.50 19.53 19.56

19.54

19.55

19.56

19.57

19.58

19.59

19.60

19.61

19.62

19.63

19.64

19.65

19.66

19.67

19.68

19.69

19.70

19.71

19.72

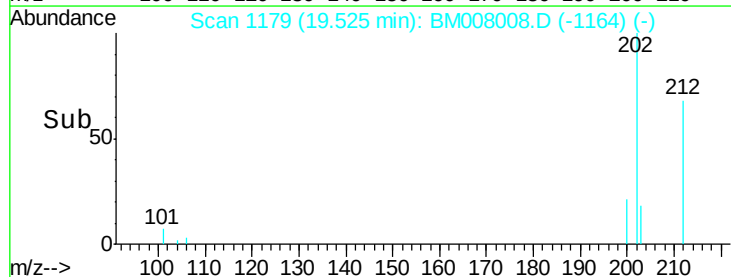
19.73

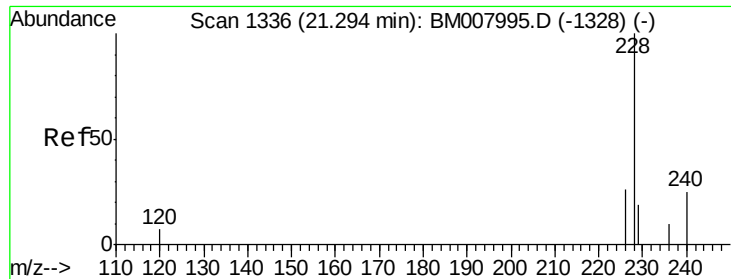
19.74

19.75

19.76

19.77





#18

Benzo(a)anthracene

Concen: 0.28 ng/ul

RT: 21.28 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

Instrument :

BNA_M

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JHSR0

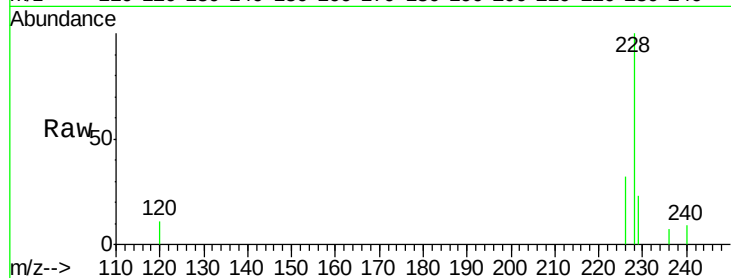
Tgt Ion:228 Resp: 2223

Ion Ratio Lower Upper

228 100

226 32.2 22.8 34.2

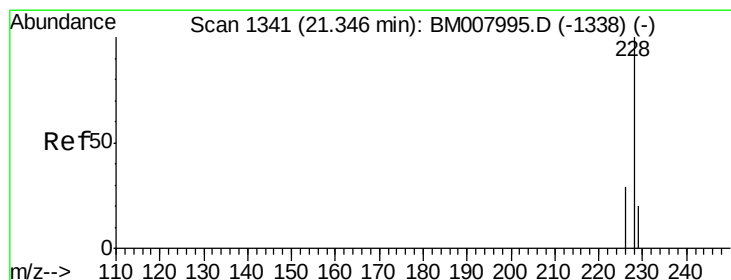
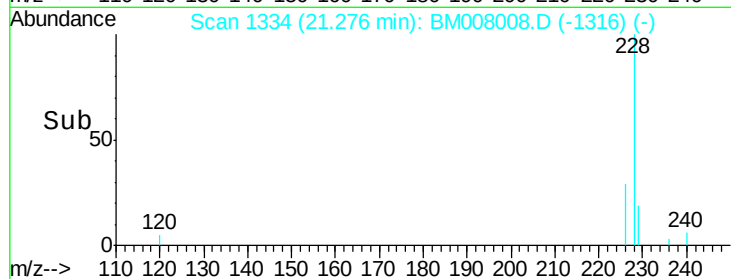
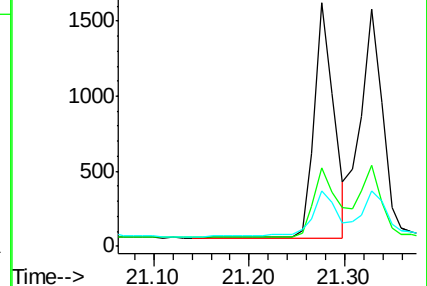
229 22.7 17.0 25.6



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: 0.25 ng/ul

RT: 21.33 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM008008.D

Acq: 22 Nov 2016 23:23

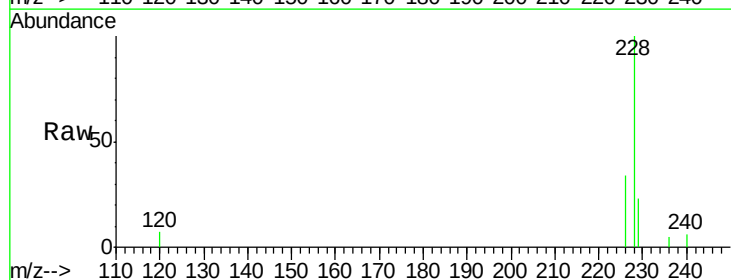
Tgt Ion:228 Resp: 2465

Ion Ratio Lower Upper

228 100

226 34.1 23.4 35.0

229 23.5 17.7 26.5



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

