

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002408.D
 Acq On : 15 Aug 2015 04:55
 Operator : UM/IZ
 Sample : G3194-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 17 02:06:37 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 02:04:41 2015
 Response via : Initial Calibration

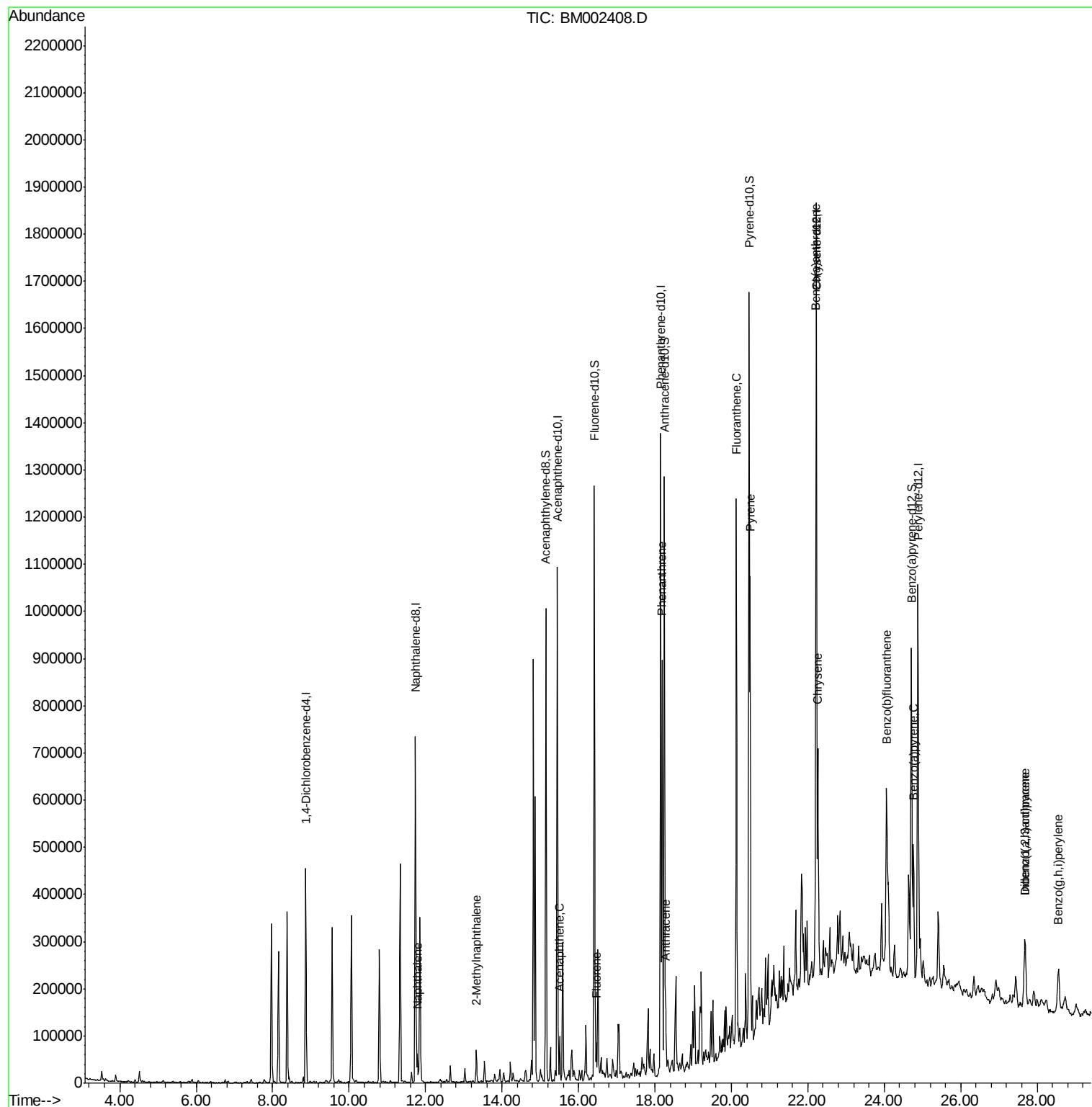
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	138317	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	678388	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	378892	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	800182	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	816344	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	696844	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	757674	19.56	ng/ul	0.00
10) Fluorene-d10	16.42	176	509824	18.74	ng/ul	0.00
14) Anthracene-d10	18.24	188	744073	19.28	ng/ul	0.00
18) Pyrene-d10	20.46	212	762553	21.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	597595	16.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.79	128	55108	1.59	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	33133	1.28	ng/ul	100
9) Acenaphthene	15.50	153	37733	1.41	ng/ul	94
11) Fluorene	16.47	166	35622	1.16	ng/ul	99
13) Phenanthrene	18.19	178	536960	11.62	ng/ul	99
15) Anthracene	18.28	178	86836	1.85	ng/ul	99
16) Fluoranthene	20.13	202	697867	13.34	ng/ul	98
19) Pyrene	20.49	202	538931	11.27	ng/ul	99
20) Benzo(a)anthracene	22.21	228	278408	5.70	ng/ul	98
21) Chrysene	22.26	228	309717	6.78	ng/ul	97
23) Benzo(b)fluoranthene	24.06	252	382277	9.07	ng/ul	97
26) Benzo(a)pyrene	24.76	252	224698	5.58	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.68	276	135762	2.93	ng/ul	94
28) Dibenzo(a,h)anthracene	27.68	278	40708	1.05	ng/ul#	80
29) Benzo(g,h,i)perylene	28.56	276	120348	3.12	ng/ul	96

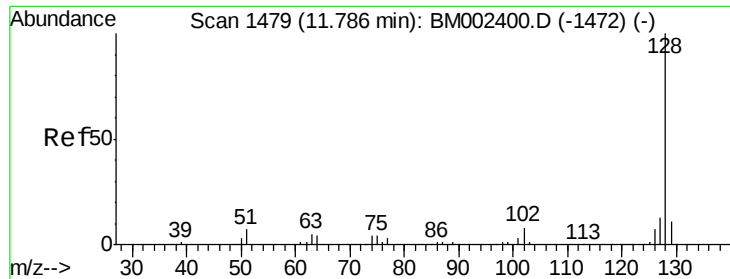
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002408.D
Acq On : 15 Aug 2015 04:55
Operator : UM/IZ
Sample : G3194-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 17 02:06:37 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:04:41 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.59 ng/ul

RT: 11.79 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM002408.D

Acq: 15 Aug 2015 04:55

Instrument :

BNA_M

ClientSampleId :

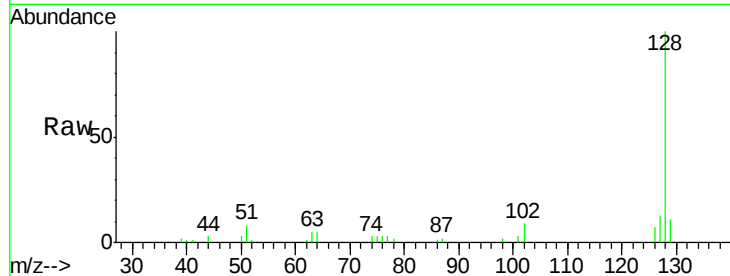
Tot Ion:128 Resp: 55108

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

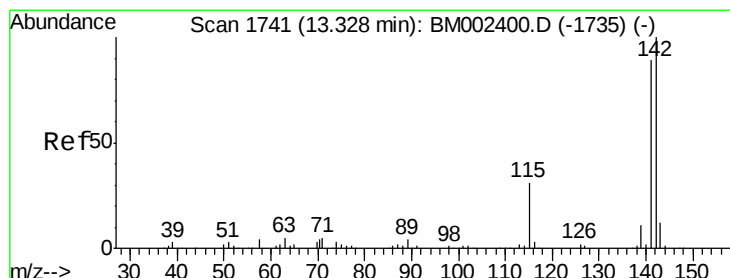
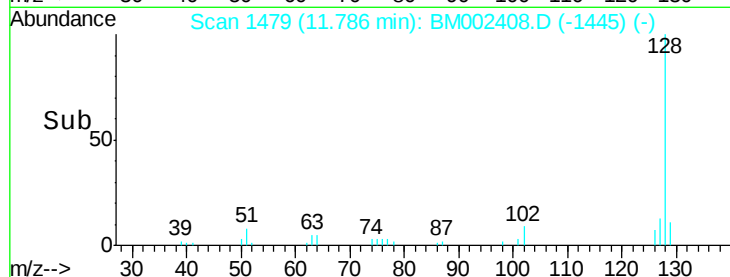
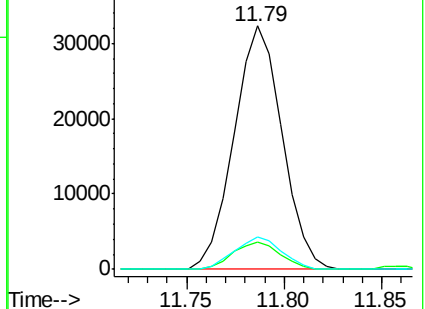
127 13.2 10.4 15.6



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



#4

2-Methylnaphthalene

Concen: 1.28 ng/ul

RT: 13.33 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BM002408.D

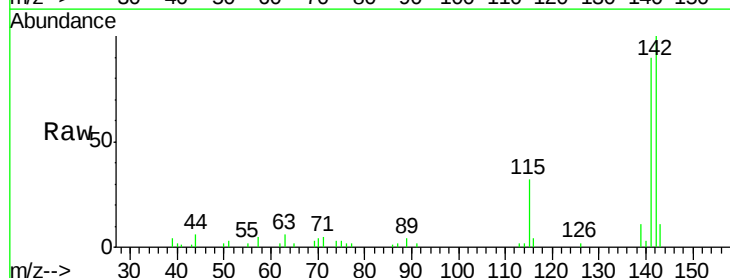
Acq: 15 Aug 2015 04:55

Tgt Ion:142 Resp: 33133

Ion Ratio Lower Upper

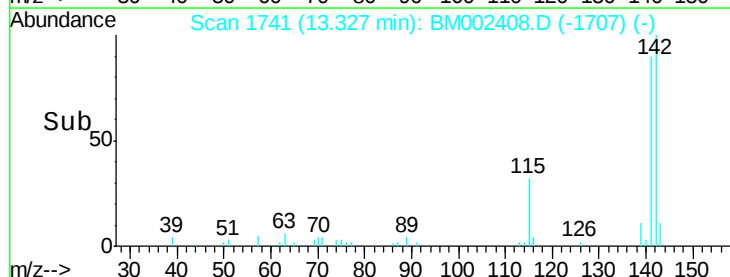
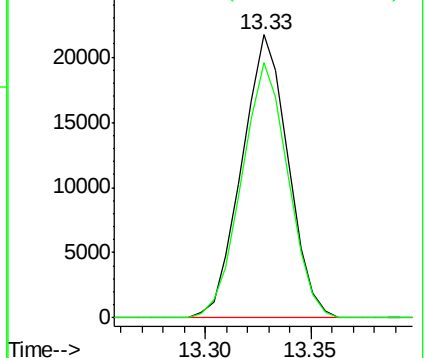
142 100

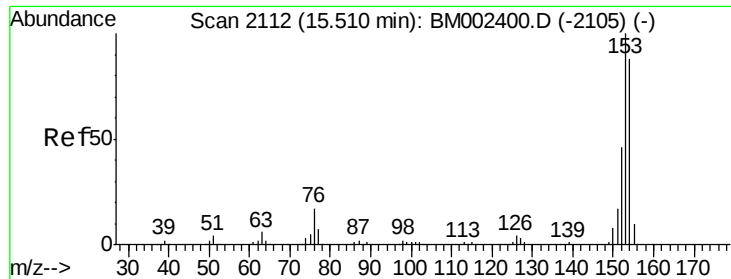
141 90.3 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthene

Concen: 1.41 ng/ul

RT: 15.50 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM002408.D

Acq: 15 Aug 2015 04:55

Instrument :

BNA_M

ClientSampleId :

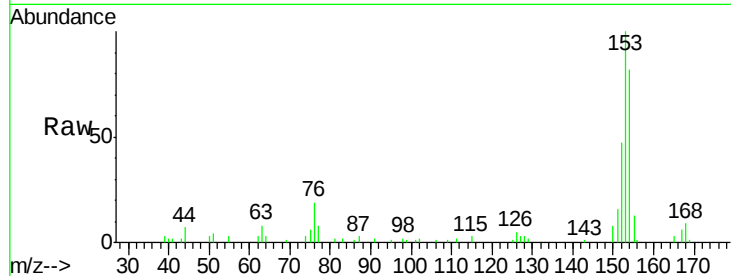
Tot Ion:153 Resp: 37733

Ion Ratio Lower Upper

153 100

152 47.5 36.9 55.3

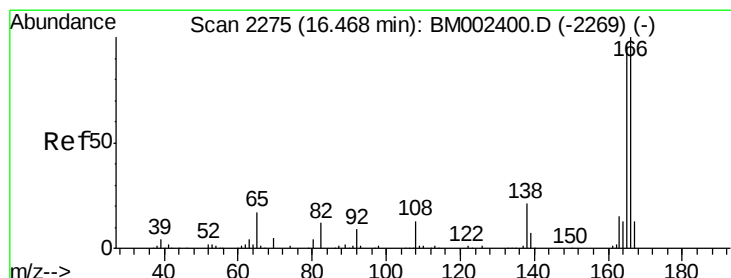
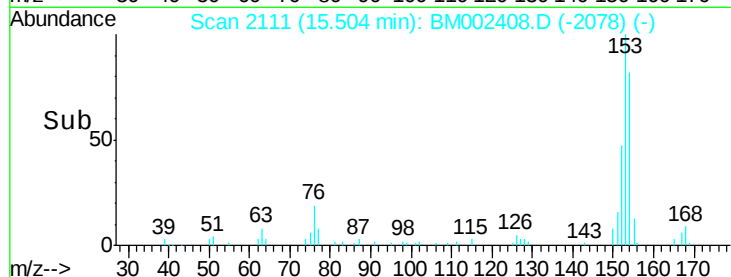
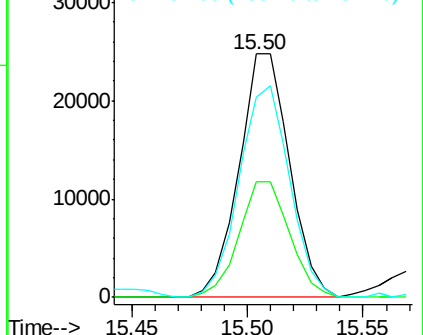
154 82.3 71.3 106.9



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



#11

Fluorene

Concen: 1.16 ng/ul

RT: 16.47 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BM002408.D

Acq: 15 Aug 2015 04:55

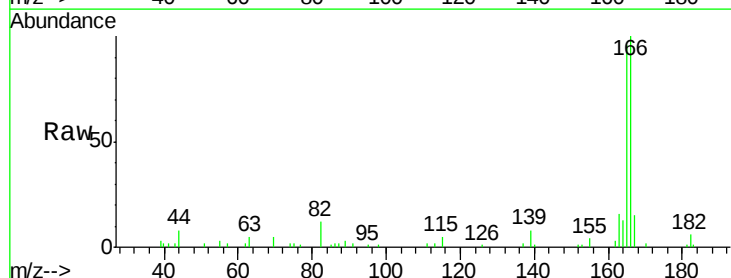
Tgt Ion:166 Resp: 35622

Ion Ratio Lower Upper

166 100

165 96.2 77.6 116.4

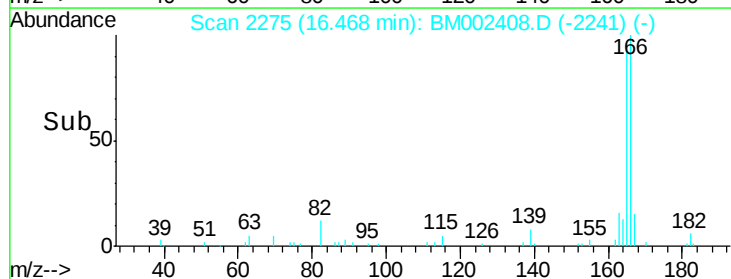
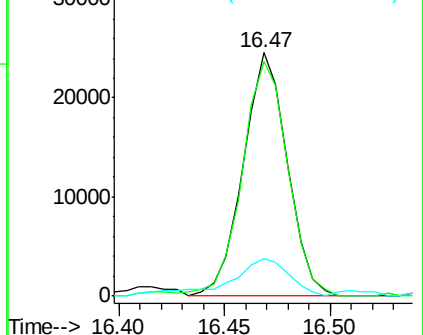
167 15.4 10.7 16.1

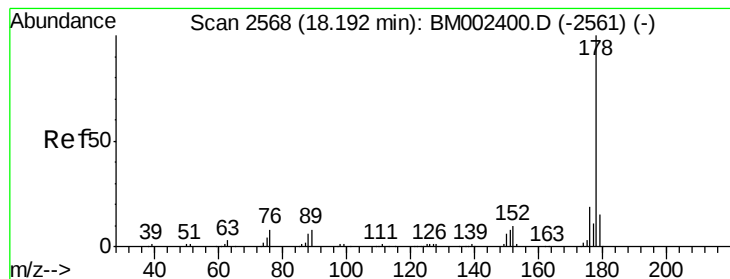


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 11.62 ng/ul

RT: 18.19 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BM002408.D

Acq: 15 Aug 2015 04:55

Instrument :

BNA_M

ClientSampleId :

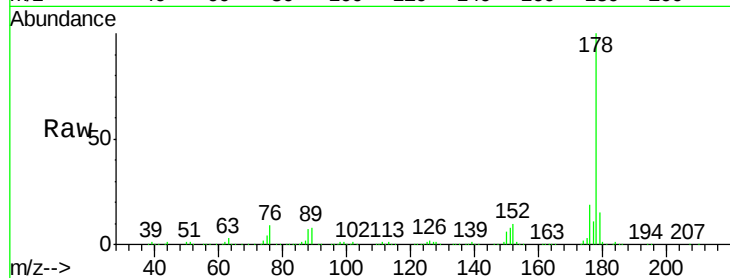
Tot Ion:178 Resp: 536960

Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

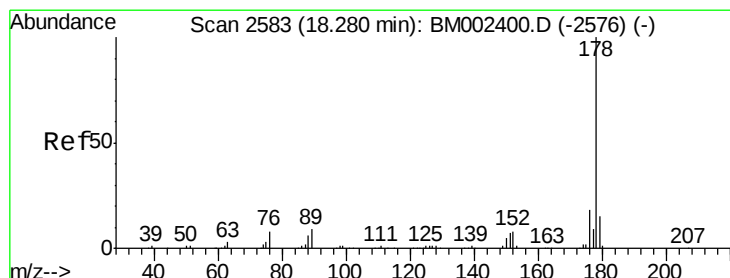
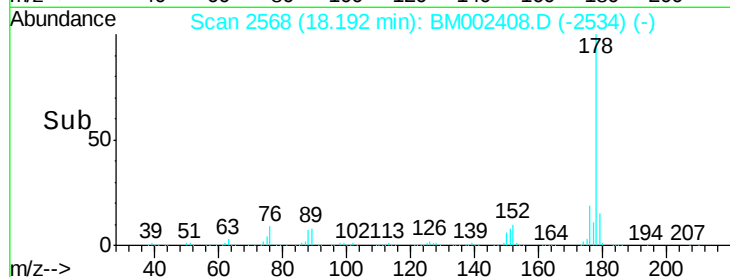
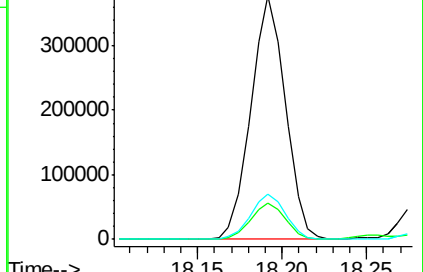
176 18.6 15.1 22.7



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



#15

Anthracene

Concen: 1.85 ng/ul

RT: 18.28 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BM002408.D

Acq: 15 Aug 2015 04:55

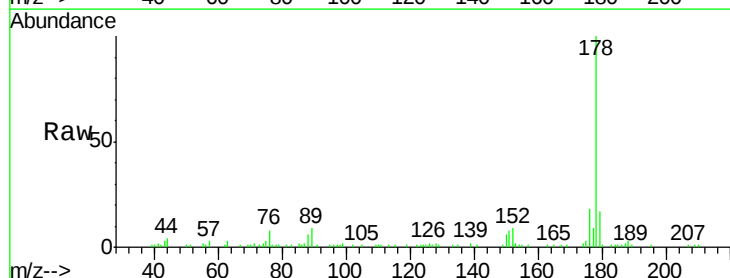
Tgt Ion:178 Resp: 86836

Ion Ratio Lower Upper

178 100

179 16.5 12.6 18.8

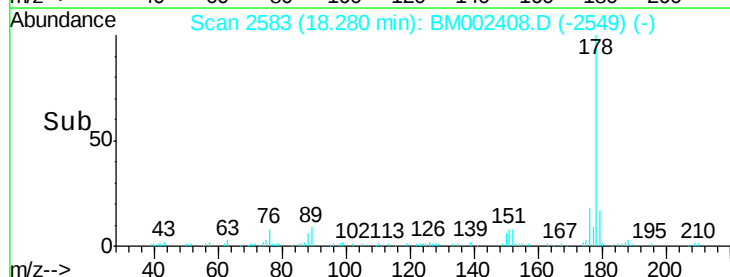
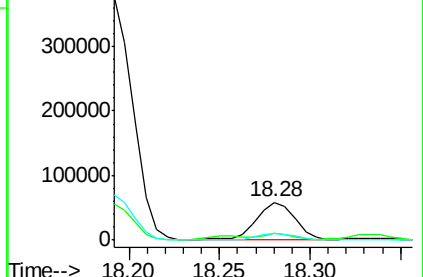
176 18.3 14.5 21.7

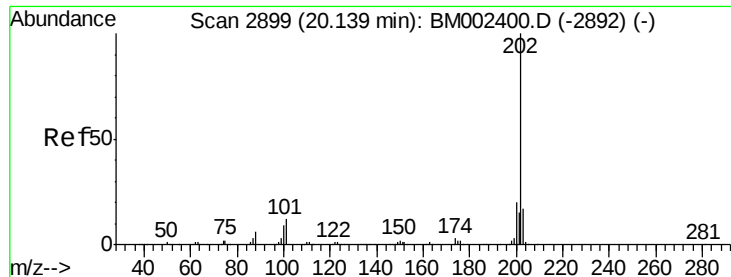


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

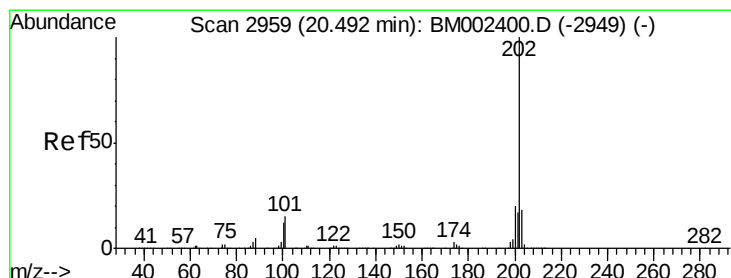
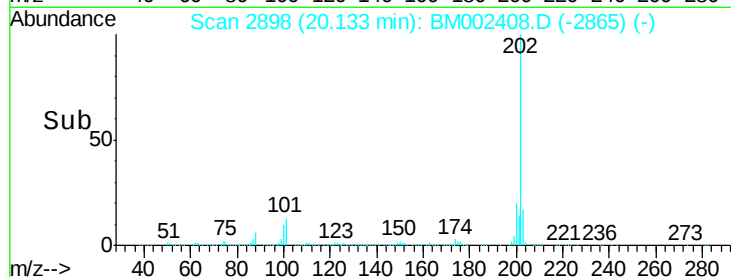
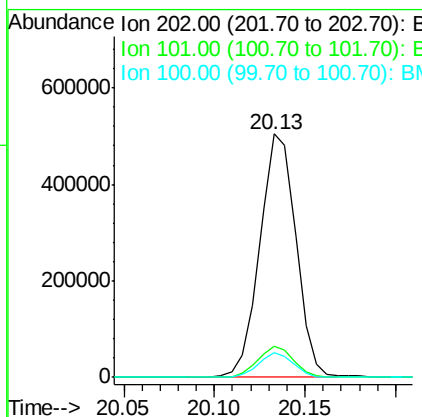
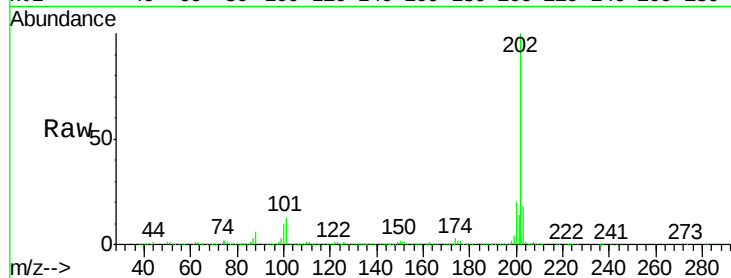




#16
 Fluoranthene
 Concen: 13.34 ng/ul
 RT: 20.13 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: BM002408.D
 Acq: 15 Aug 2015 04:55

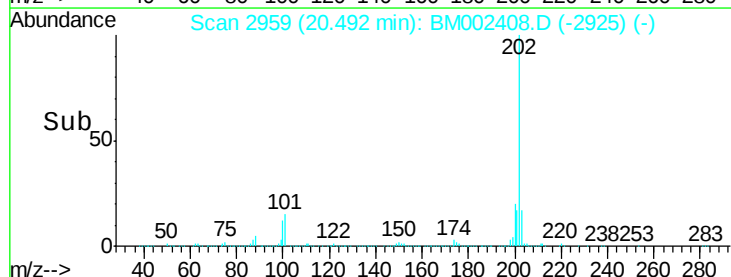
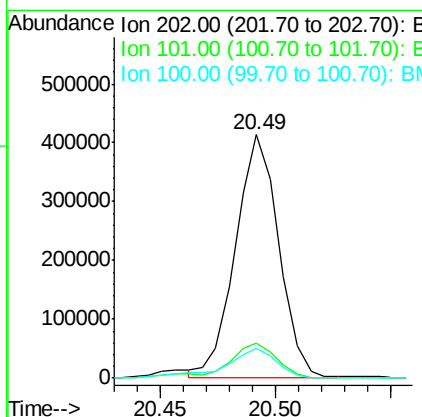
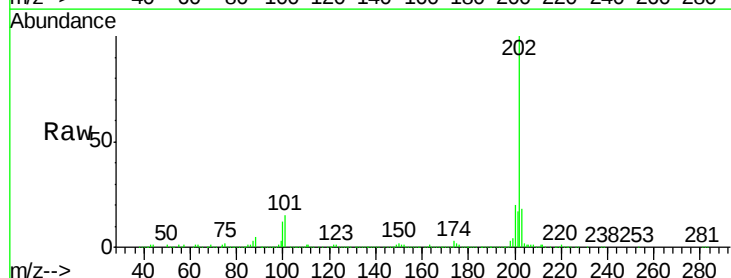
Instrument :
 BNA_M
 ClientSampleId :

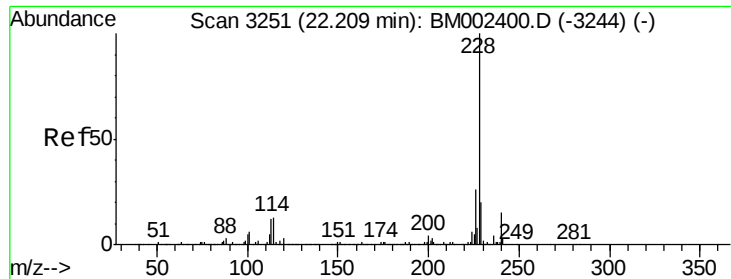
Tot Ion:202 Resp: 697867
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.7 14.5
 100 10.0 7.4 11.2



#19
 Pyrene
 Concen: 11.27 ng/ul
 RT: 20.49 min Scan# 2959
 Delta R.T. -0.00 min
 Lab File: BM002408.D
 Acq: 15 Aug 2015 04:55

Tgt Ion:202 Resp: 538931
 Ion Ratio Lower Upper
 202 100
 101 14.6 12.0 18.0
 100 12.0 9.7 14.5

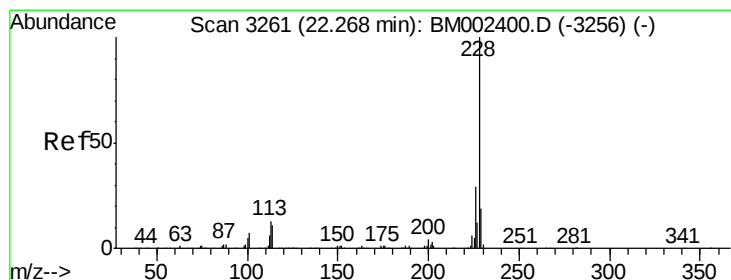
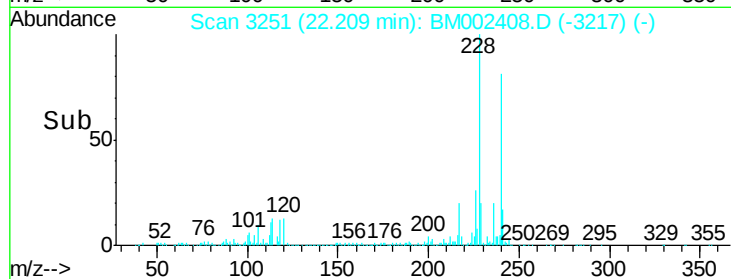
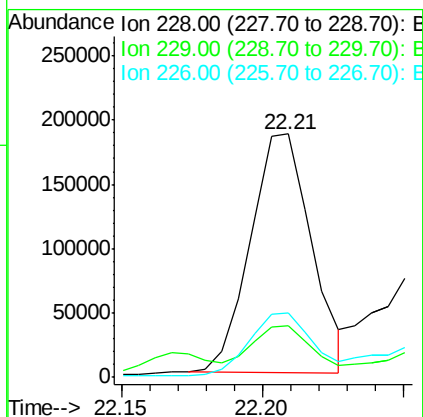
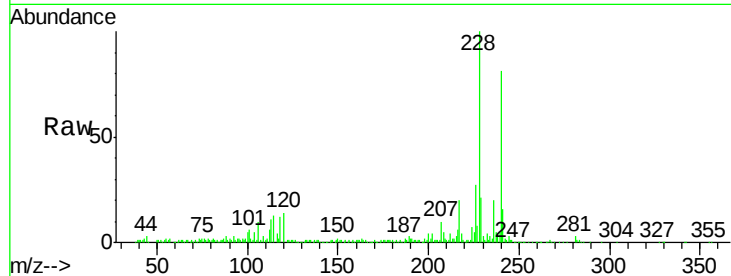




#20
Benzo(a)anthracene
Concen: 5.70 ng/ul
RT: 22.21 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BM002408.D
Acq: 15 Aug 2015 04:55

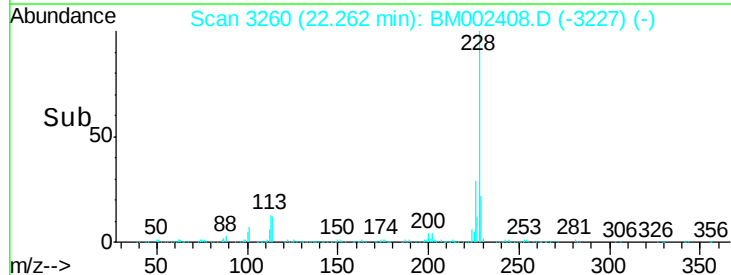
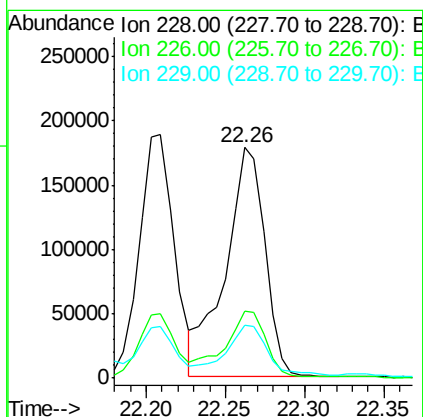
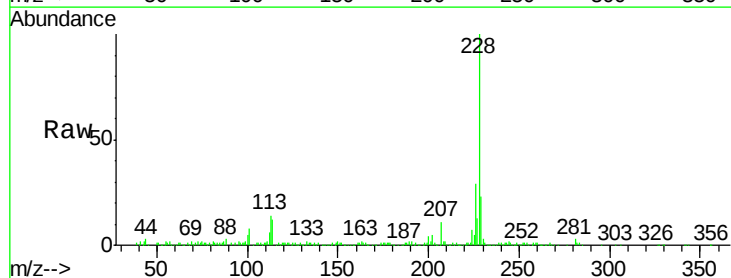
Instrument :
BNA_M
ClientSampleId :

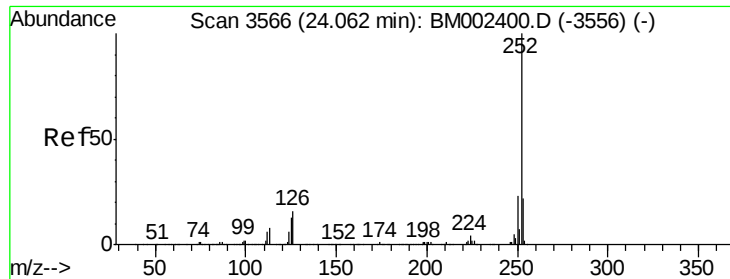
Tot Ion:228 Resp: 278408
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 26.6 21.1 31.7



#21
Chrysene
Concen: 6.78 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM002408.D
Acq: 15 Aug 2015 04:55

Tgt Ion:228 Resp: 309717
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 22.7 15.7 23.5





#23

Benzo(b)fluoranthene

Concen: 9.07 ng/ul

RT: 24.06 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BM002408.D

Acq: 15 Aug 2015 04:55

Instrument :

BNA_M

ClientSampleId :

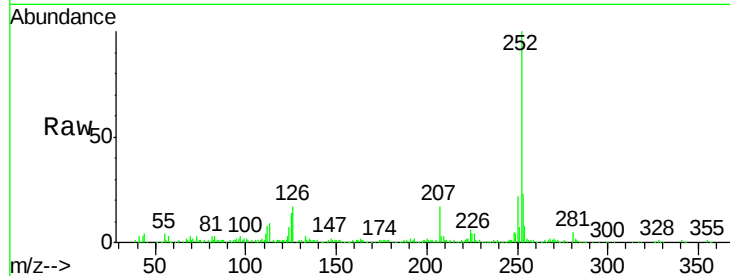
Tot Ion:252 Resp: 382277

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

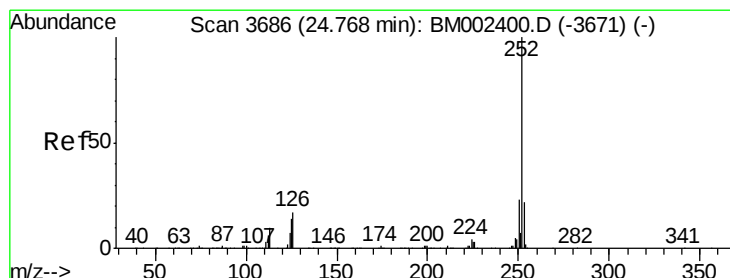
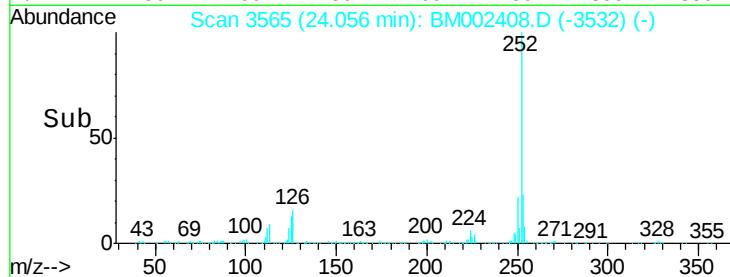
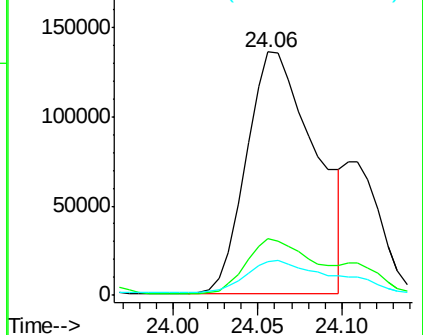
125 13.6 10.0 15.0



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: 5.58 ng/ul

RT: 24.76 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BM002408.D

Acq: 15 Aug 2015 04:55

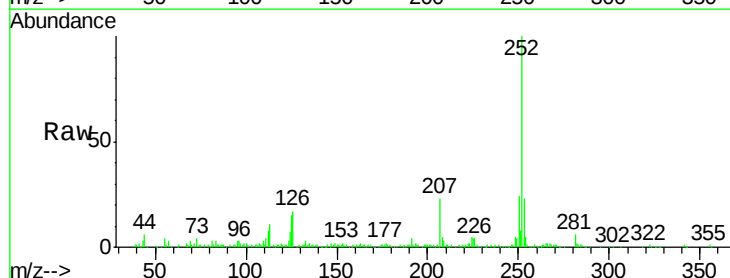
Tgt Ion:252 Resp: 224698

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

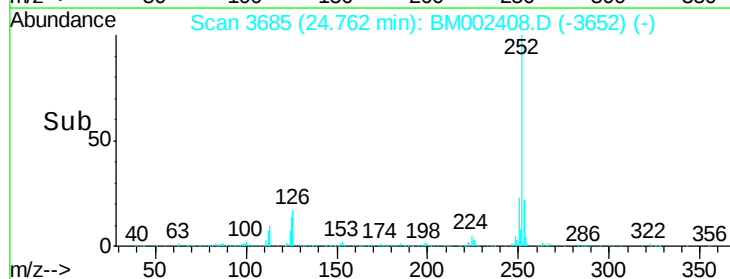
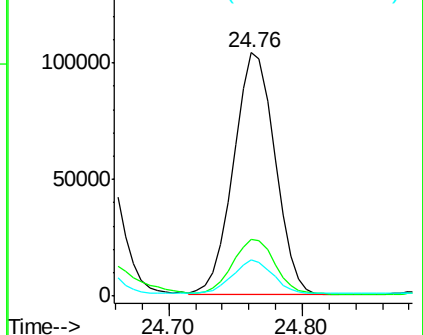
125 14.8 10.7 16.1

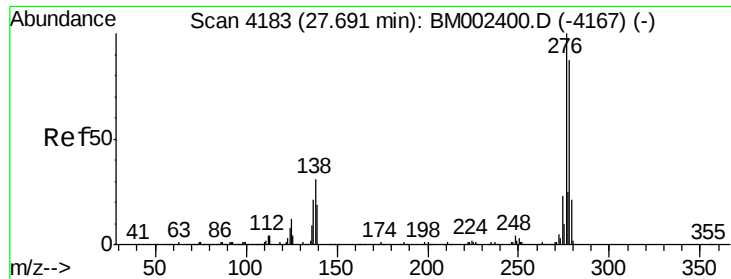


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

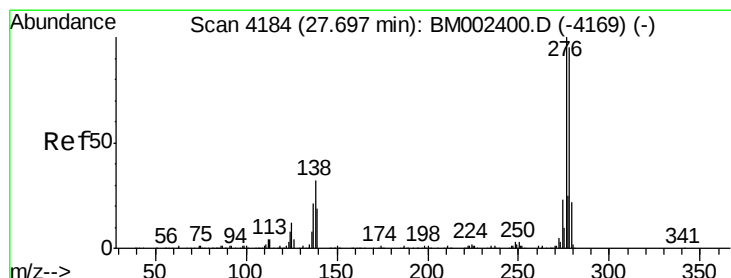
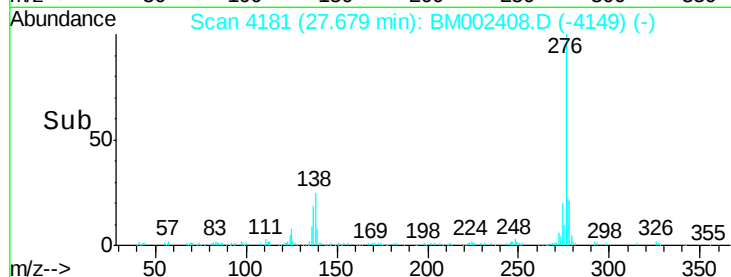
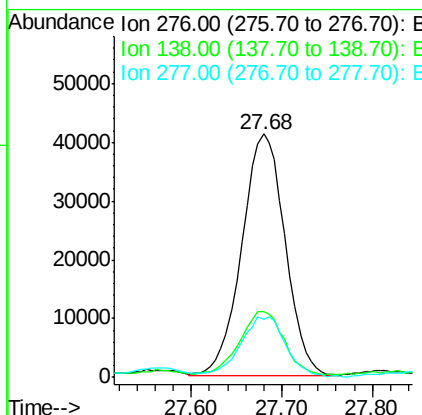
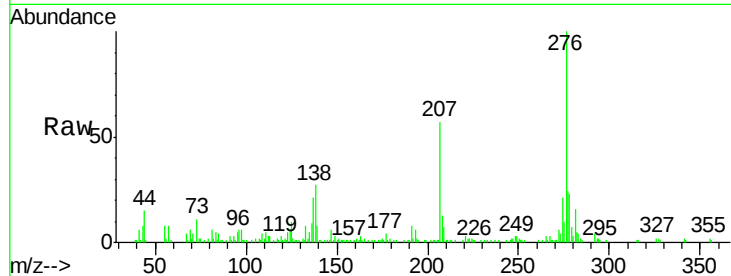




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.93 ng/ul
 RT: 27.68 min Scan# 4181
 Delta R.T. -0.01 min
 Lab File: BM002408.D
 Acq: 15 Aug 2015 04:55

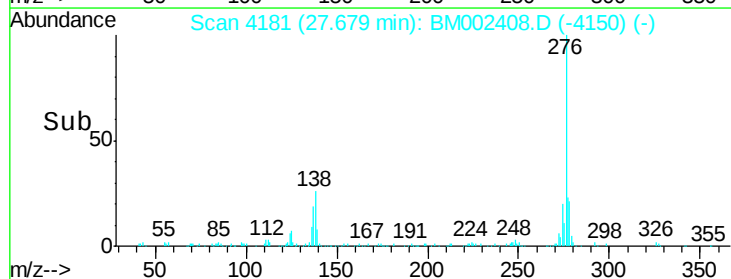
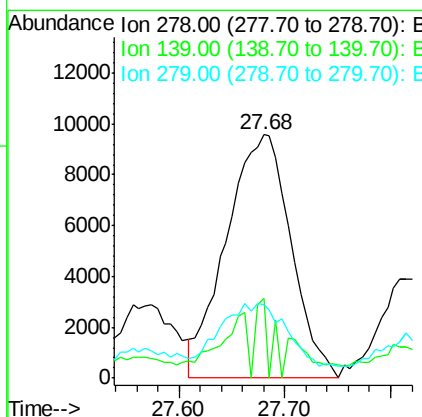
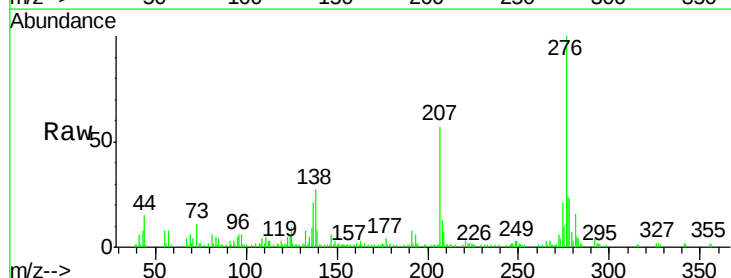
Instrument :
 BNA_M
 ClientSampled :

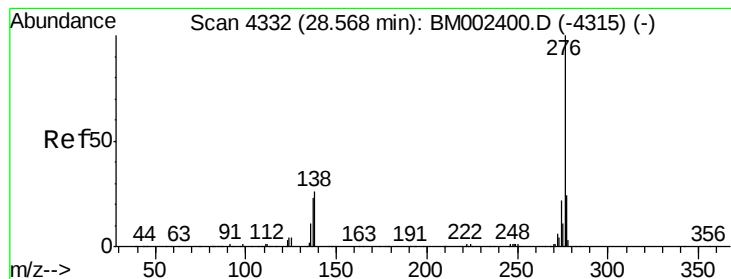
Tot Ion:276 Resp: 135762
 Ion Ratio Lower Upper
 276 100
 138 26.8 25.3 37.9
 277 23.9 20.2 30.2



#28
 Dibenzo(a,h)anthracene
 Concen: 1.05 ng/ul
 RT: 27.68 min Scan# 4181
 Delta R.T. -0.02 min
 Lab File: BM002408.D
 Acq: 15 Aug 2015 04:55

Tgt Ion:278 Resp: 40708
 Ion Ratio Lower Upper
 278 100
 139 32.7 16.5 24.7#
 279 30.4 18.8 28.2#





#29

Benzo(a,h,i)perylene

Concen: 3.12 ng/ul

RT: 28.56 min Scan# 4330

Delta R.T. -0.01 min

Lab File: BM002408.D

Acq: 15 Aug 2015 04:55

Instrument :

BNA_M

ClientSampleId :

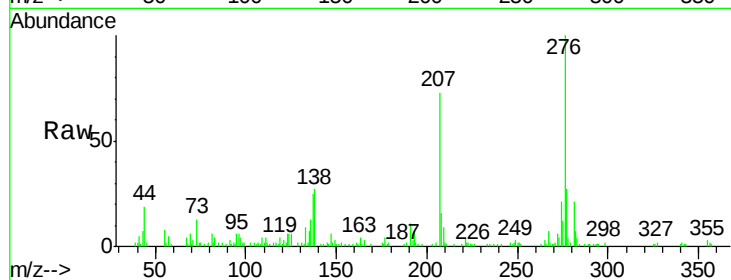
Tot Ion: 276 Resp: 120348

Ion Ratio Lower Upper

276 100

138 27.3 21.0 31.6

277 26.8 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

