

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004789.D
 Acq On : 25 Mar 2016 22:08
 Operator : UM/SJ
 Sample : H1909-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T49

Quant Time: Mar 26 02:45:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 26 02:43:19 2016
 Response via : Initial Calibration

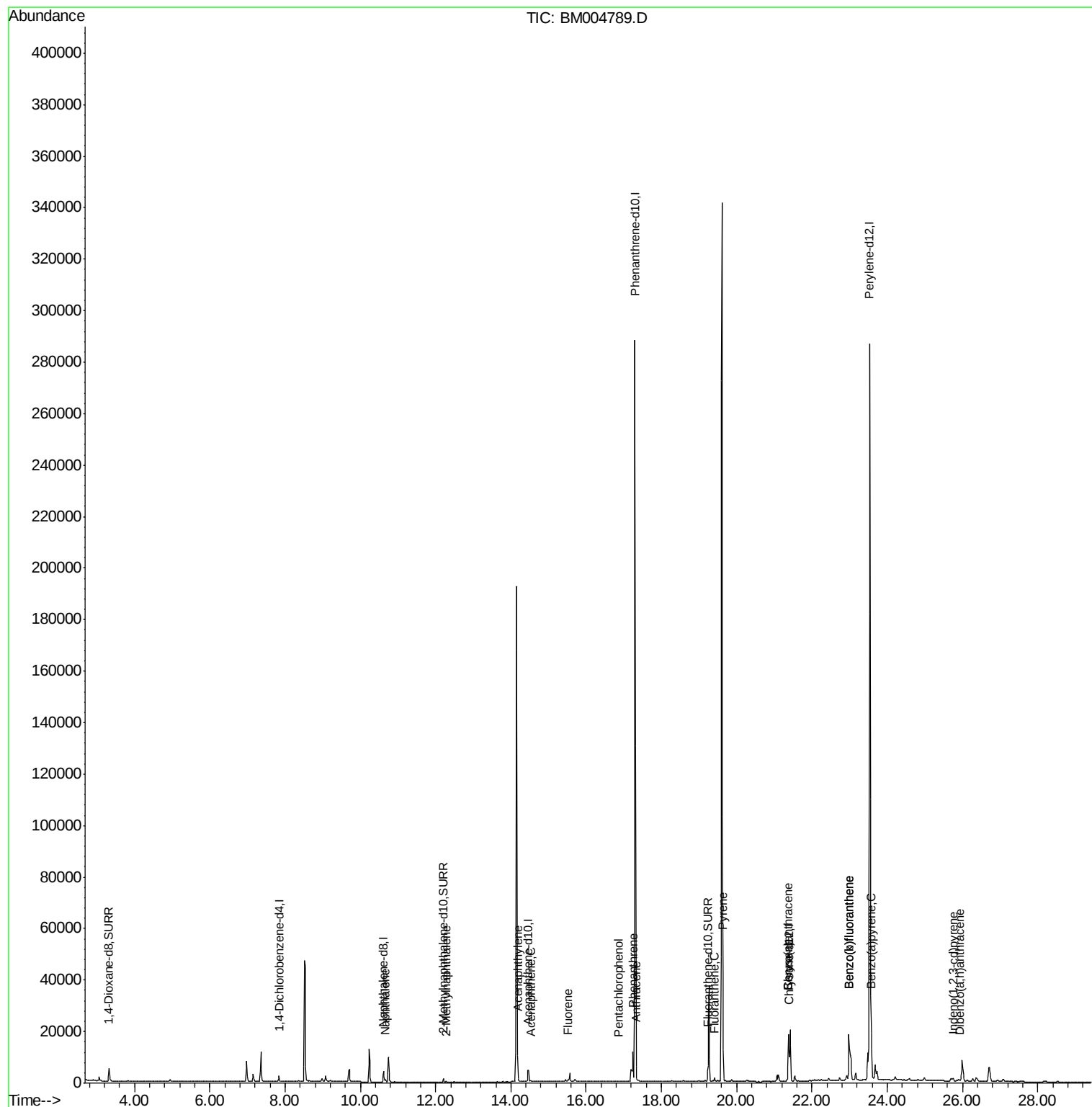
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1243	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5800	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3526	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	373541	5.00	ng/ul	0.09
18) Chrysene-d12	21.39	240	7815	5.00	ng/ul	0.00
22) Perylene-d12	23.53	264	395064	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4799	8.57	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2179	0.27	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5065	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.67	128	1380	0.10	ng/ul#	84
7) 2-Methylnaphthalene	12.28	142	334	0.03	ng/ul	97
9) Acenaphthylene	14.18	152	3193	0.20	ng/ul#	95
10) Acenaphthene	14.52	153	318	0.03	ng/ul#	83
11) Fluorene	15.51	166	588	0.04	ng/ul#	81
13) Pentachlorophenol	16.85	266	46	0.00	ng/ul	99
14) Phenanthrene	17.24	178	12668	0.01	ng/ul	96
15) Anthracene	17.33	178	2983	0.00	ng/ul#	92
17) Fluoranthene	19.41	202	1353	0.00	ng/ul	65
19) Pyrene	19.63	202	34381	1.28	ng/ul	96
20) Benzo(a)anthracene	21.37	228	16541	0.69	ng/ul#	91
21) Chrysene	21.37	228	16474	0.71	ng/ul	94
23) Benzo(b)fluoranthene	22.98	252	21082	0.02	ng/ul	96
24) Benzo(k)fluoranthene	22.98	252	40459	0.03	ng/ul#	93
25) Benzo(a)pyrene	23.58	252	13906	0.01	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.74	276	1641	0.00	ng/ul	97
27) Dibenzo(a,h)anthracene	25.91	278	701	0.00	ng/ul#	17

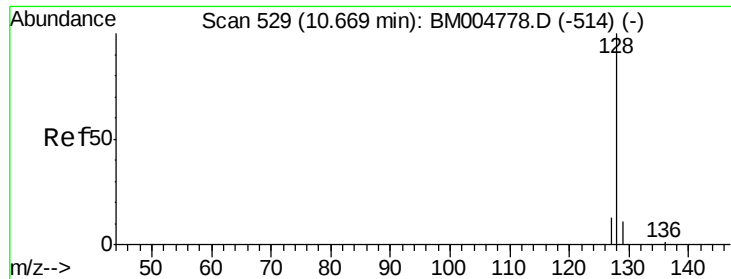
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004789.D
Acq On : 25 Mar 2016 22:08
Operator : UM/SJ
Sample : H1909-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T49

Quant Time: Mar 26 02:45:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 26 02:43:19 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.10 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

Instrument :

BNA_M

ClientSampleId :

A4T49

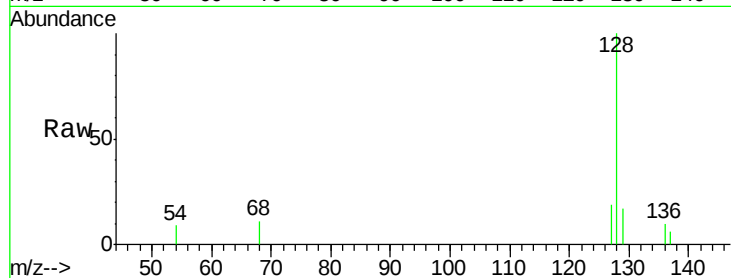
Tgt Ion:128 Resp: 1380

Ion Ratio Lower Upper

128 100

129 17.1 9.0 13.6#

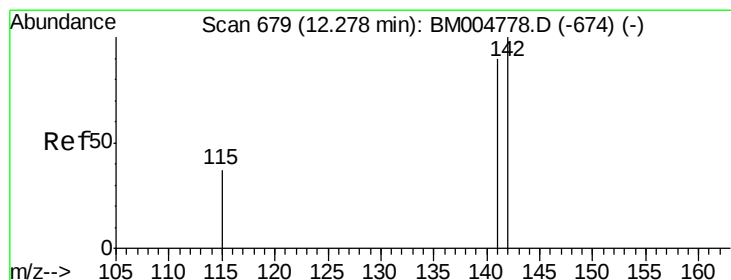
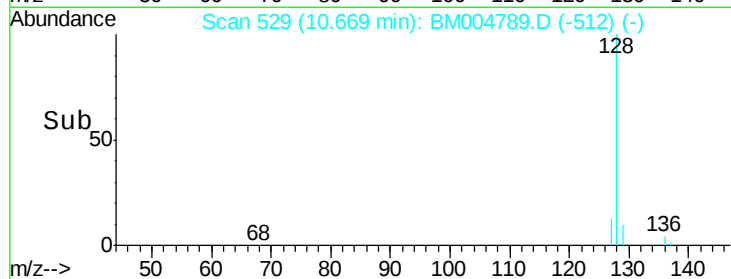
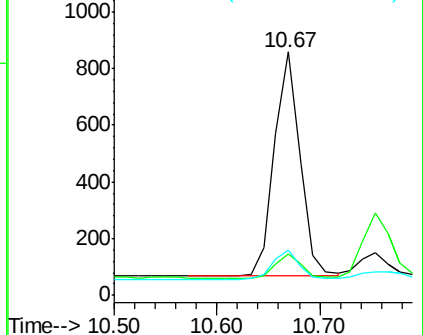
127 18.6 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM004789.D

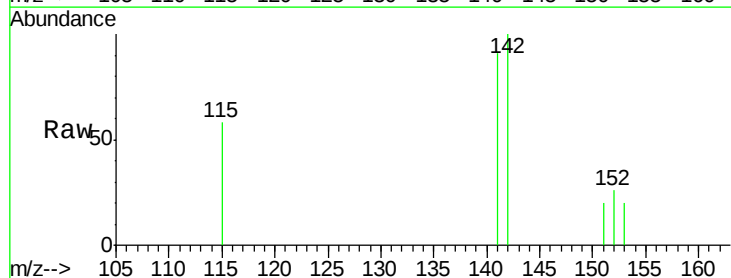
Acq: 25 Mar 2016 22:08

Tgt Ion:142 Resp: 334

Ion Ratio Lower Upper

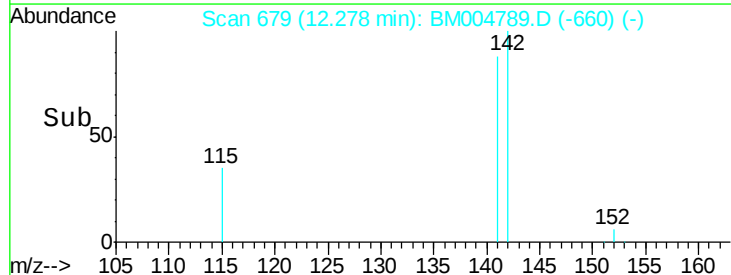
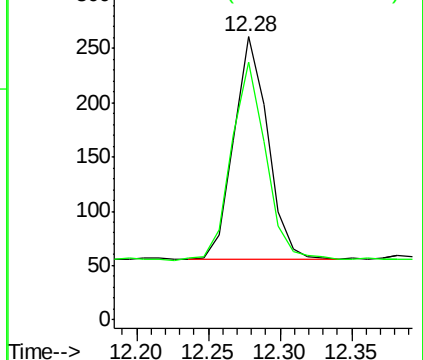
142 100

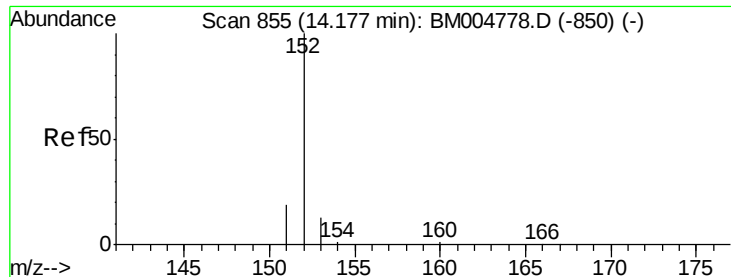
141 91.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

Instrument :

BNA_M

ClientSampleId :

A4T49

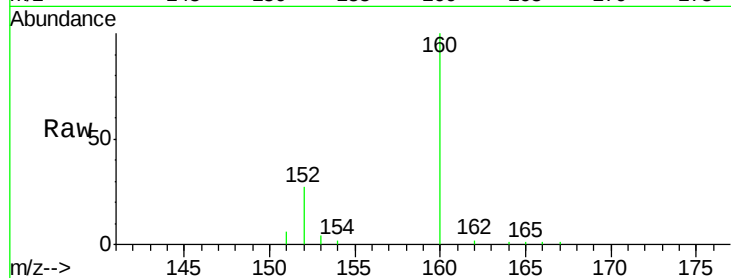
Tgt Ion:152 Resp: 3193

Ion Ratio Lower Upper

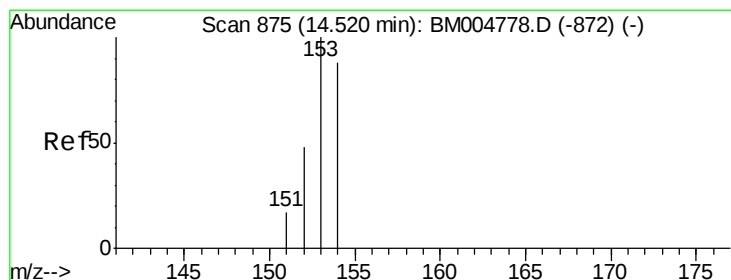
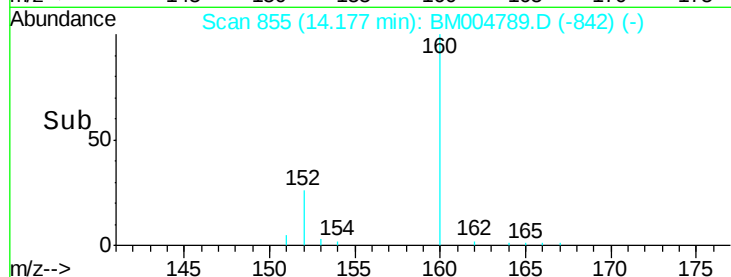
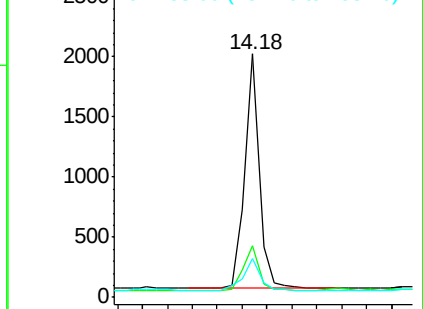
152 100

151 21.0 17.6 26.4

153 15.9 9.7 14.5#



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



#10

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. 0.00 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

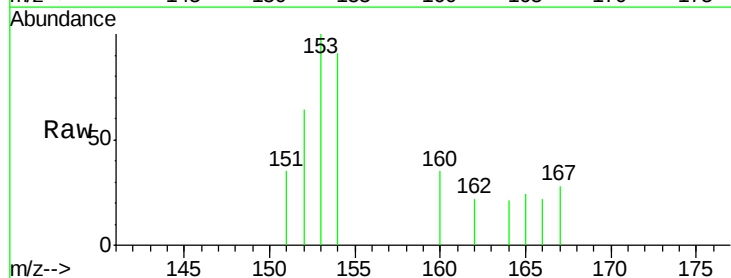
Tgt Ion:153 Resp: 318

Ion Ratio Lower Upper

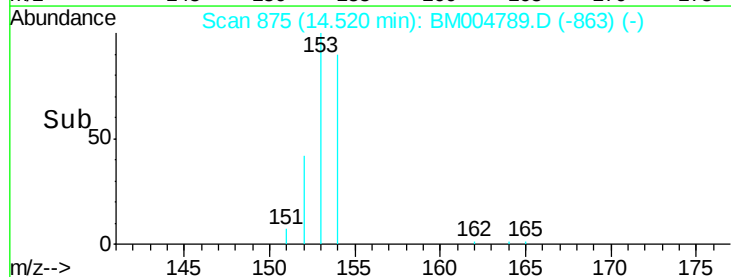
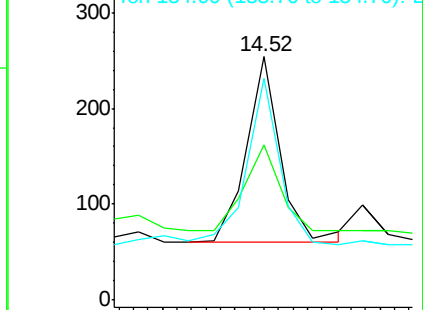
153 100

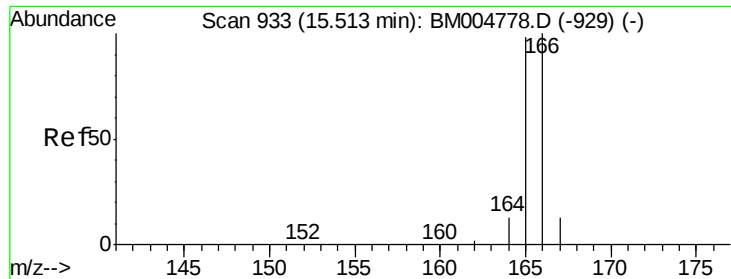
152 63.8 33.9 50.9#

154 90.9 80.6 121.0



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

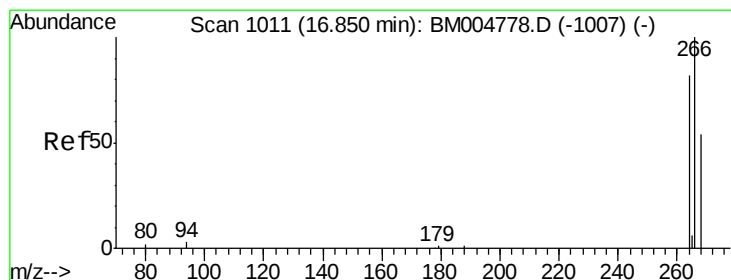
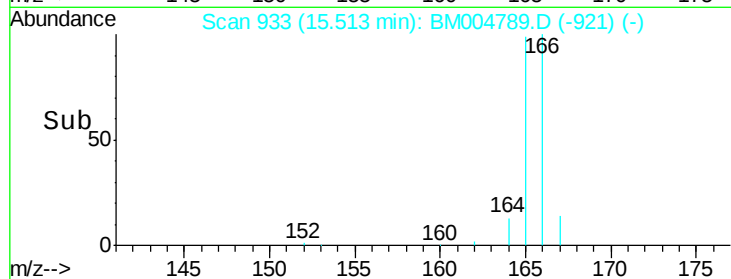
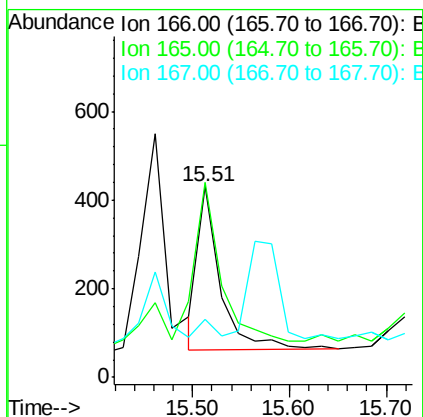
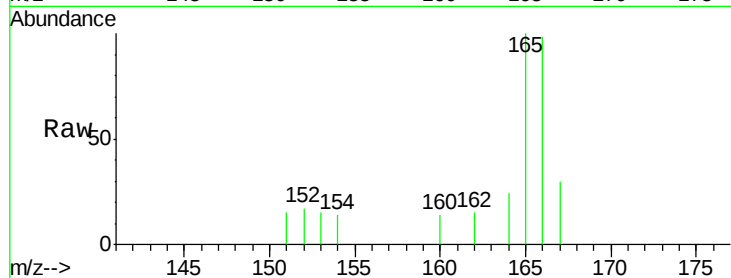




#11
Fluorene
 Concen: 0.04 ng/ul
 RT: 15.51 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004789.D
 Acq: 25 Mar 2016 22:08

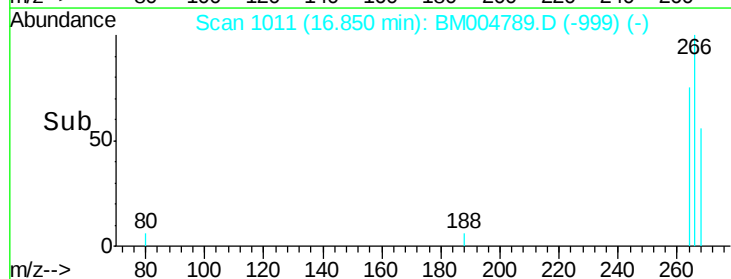
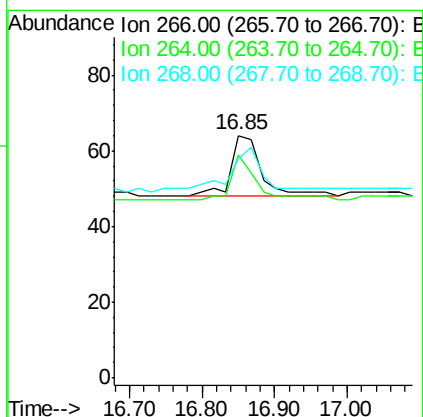
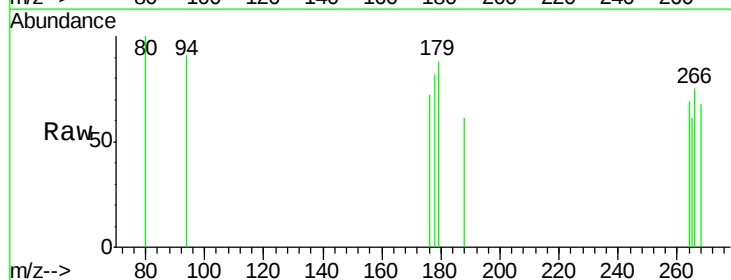
Instrument :
 BNA_M
 ClientSampleId :
 A4T49

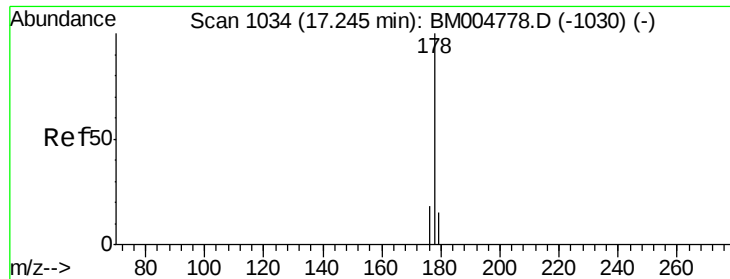
Tgt Ion:166 Resp: 588
 Ion Ratio Lower Upper
 166 100
 165 102.1 69.6 104.4
 167 30.2 11.9 17.9#



#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BM004789.D
 Acq: 25 Mar 2016 22:08

Tgt Ion:266 Resp: 46
 Ion Ratio Lower Upper
 266 100
 264 63.0 51.8 77.8
 268 58.7 46.8 70.2





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

Instrument :

BNA_M

ClientSampleId :

A4T49

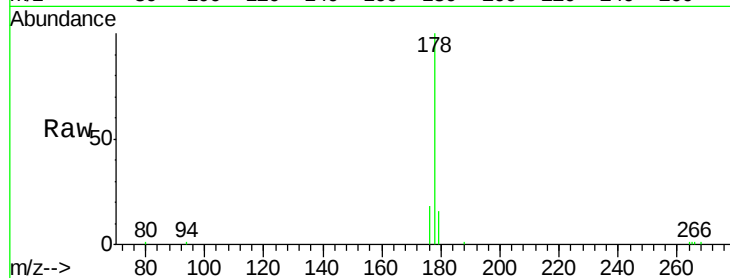
Tgt Ion:178 Resp: 12668

Ion Ratio Lower Upper

178 100

176 18.3 13.0 19.4

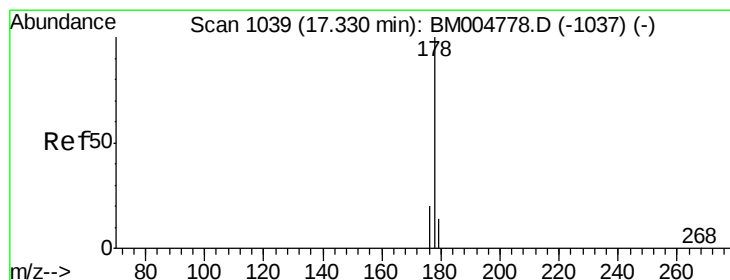
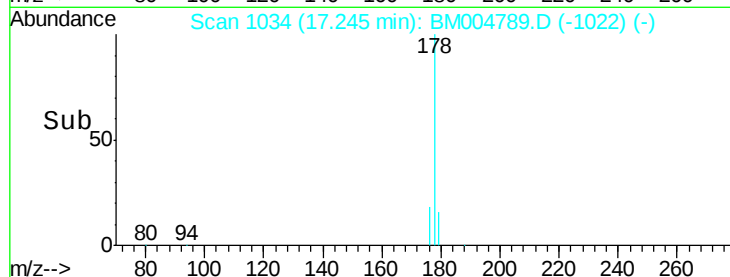
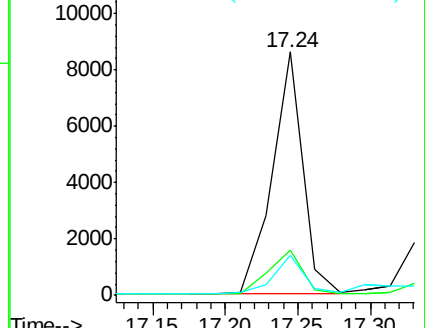
179 16.3 14.2 21.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

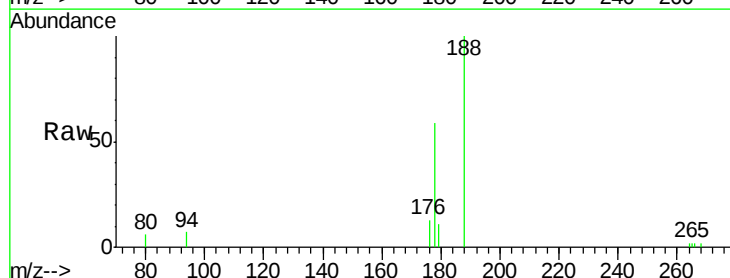
Tgt Ion:178 Resp: 2983

Ion Ratio Lower Upper

178 100

176 21.7 14.0 21.0#

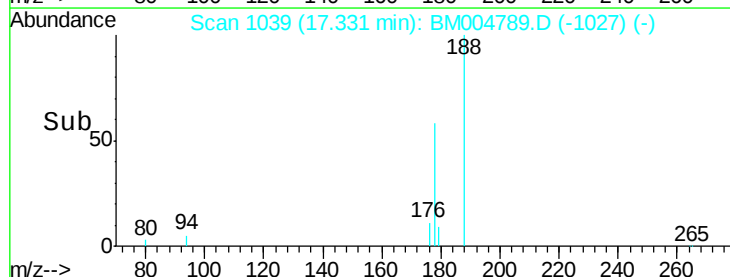
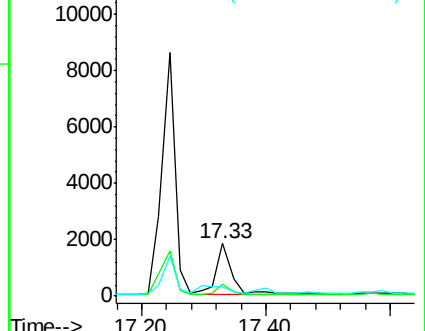
179 18.3 12.9 19.3

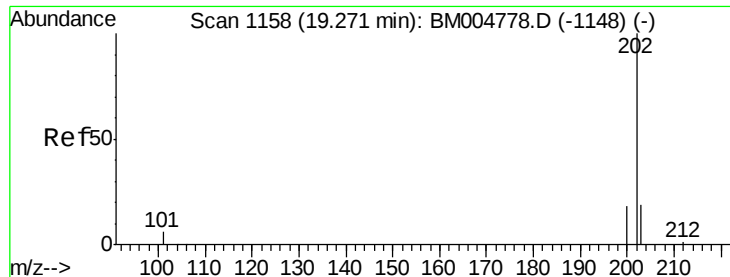


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

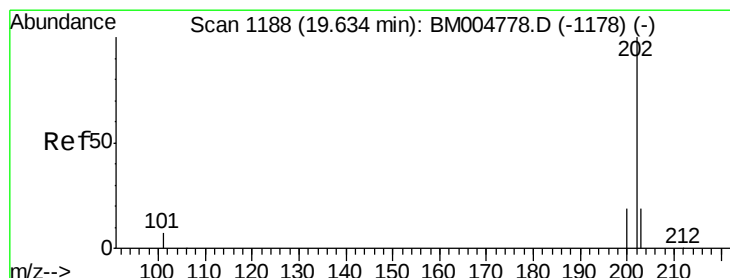
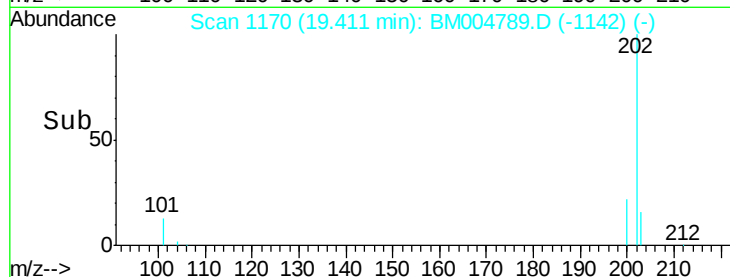
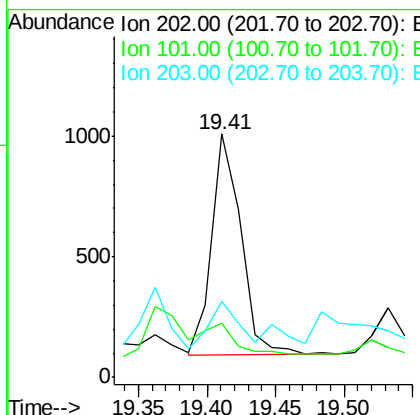
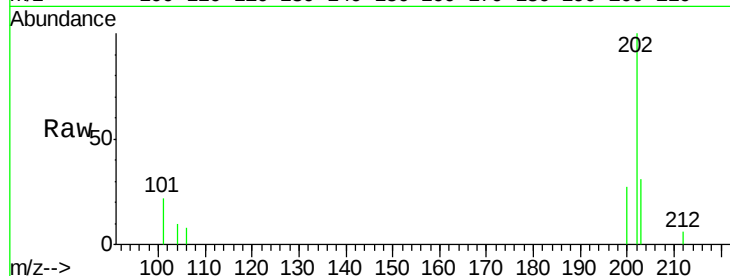




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.41 min Scan# 1170
Delta R.T. 0.14 min
Lab File: BM004789.D
Acq: 25 Mar 2016 22:08

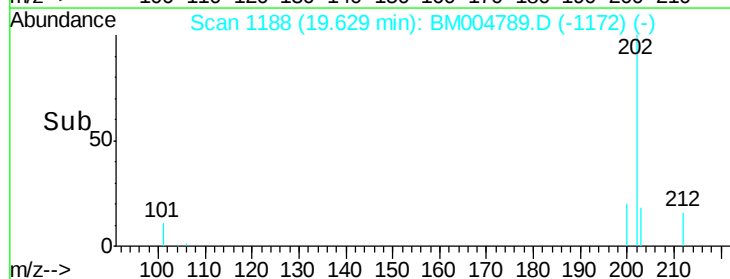
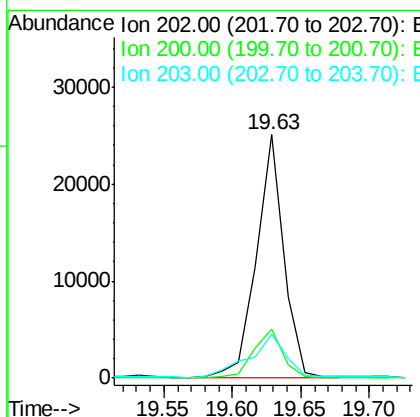
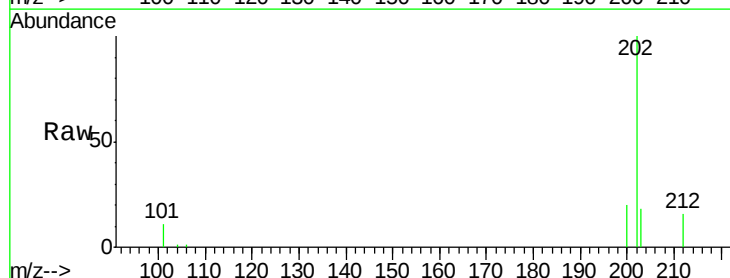
Instrument :
BNA_M
ClientSampleId :
A4T49

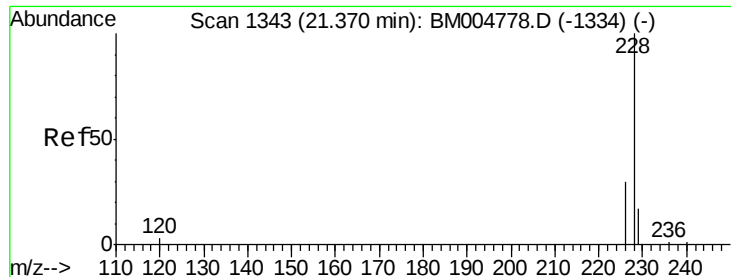
Tgt Ion:202 Resp: 1353
Ion Ratio Lower Upper
202 100
101 22.2 0.0 29.6
203 31.1 0.0 36.3



#19
Pyrene
Concen: 1.28 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004789.D
Acq: 25 Mar 2016 22:08

Tgt Ion:202 Resp: 34381
Ion Ratio Lower Upper
202 100
200 20.3 17.8 26.8
203 18.0 12.8 19.2





#20

Benzo(a)anthracene

Concen: 0.69 ng/ul

RT: 21.37 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

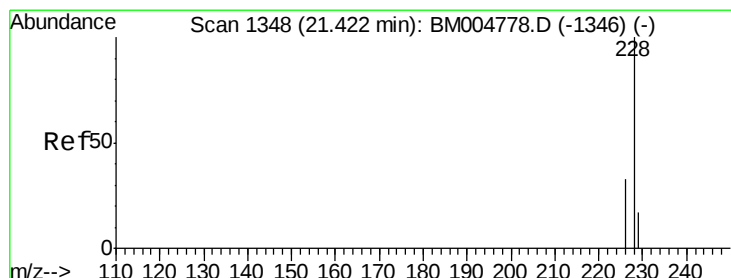
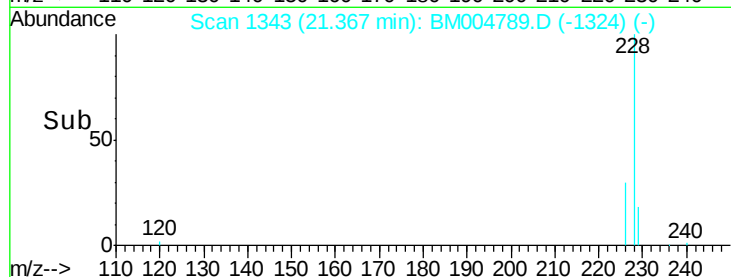
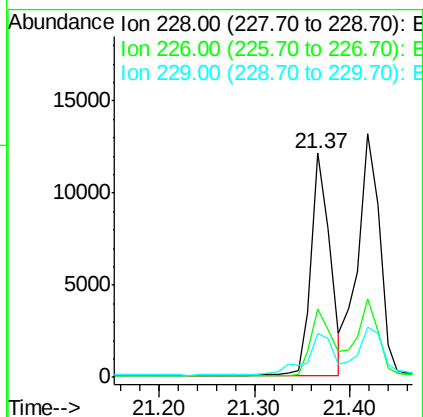
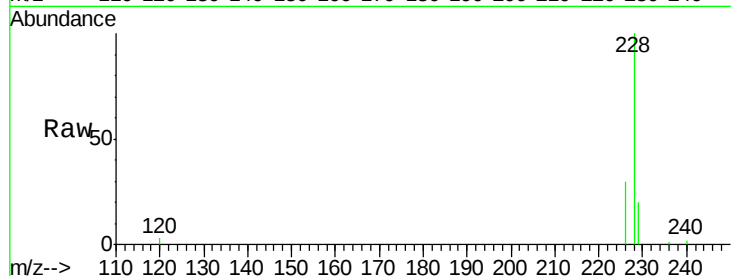
Instrument :

BNA_M

ClientSampleId :

A4T49

Tgt Ion:	228	Resp:	16541
Ion	Ratio	Lower	Upper
228	100		
226	30.3	18.8	28.2#
229	19.7	17.1	25.7



#21

Chrysene

Concen: 0.71 ng/ul

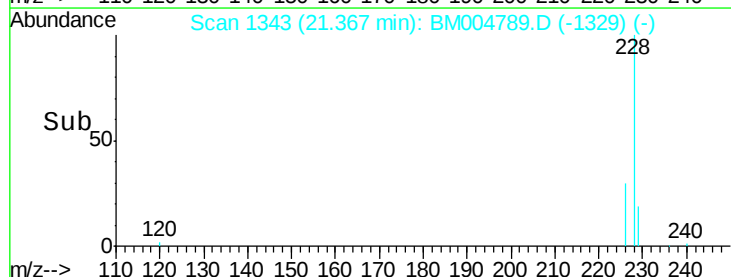
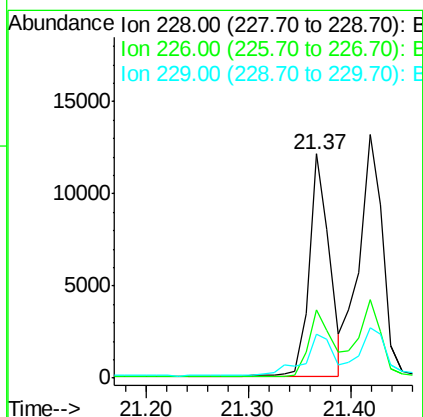
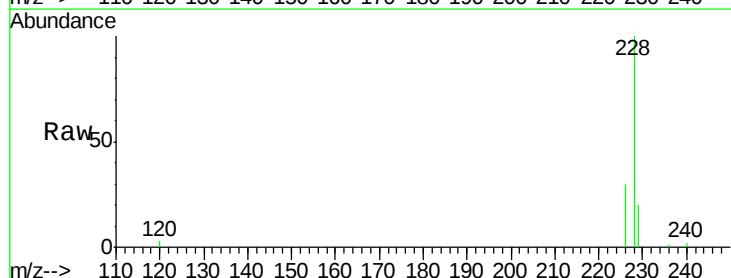
RT: 21.37 min Scan# 1343

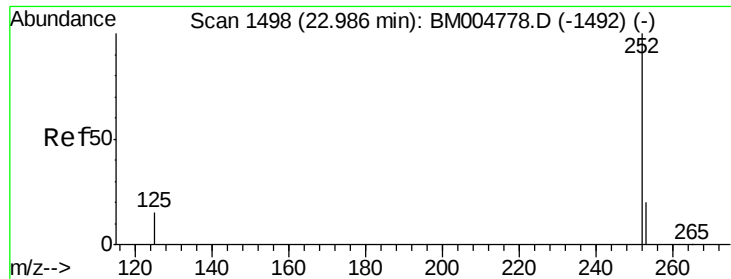
Delta R.T. -0.06 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

Tgt Ion:	228	Resp:	16474
Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.2	31.8
229	19.7	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.02 ng/u1

RT: 22.98 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

Instrument :

BNA_M

ClientSampleId :

A4T49

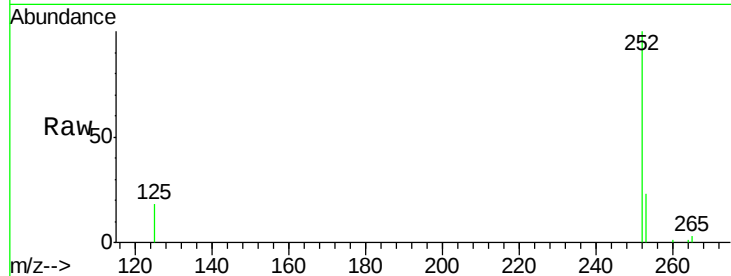
Tgt Ion:252 Resp: 21082

Ion Ratio Lower Upper

252 100

253 22.7 0.0 45.4

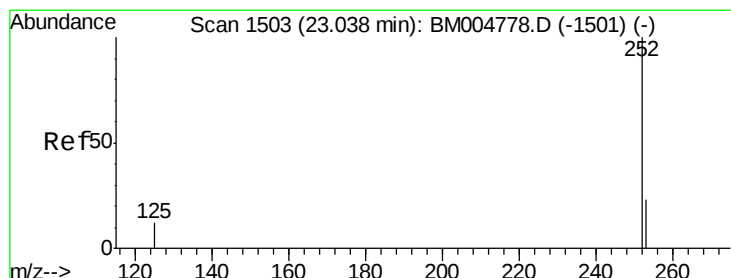
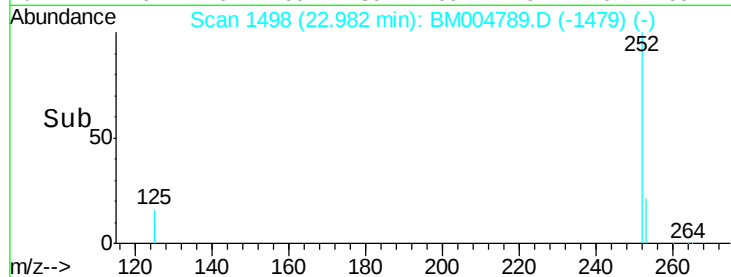
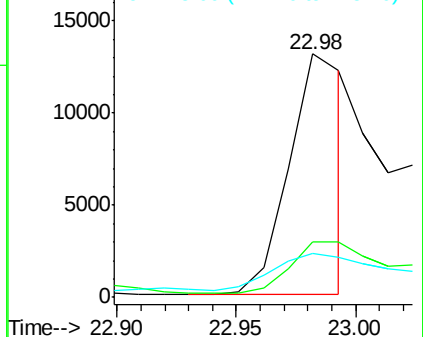
125 18.2 0.0 28.8



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

Benzo(k)fluoranthene

Concen: 0.03 ng/u1

RT: 22.98 min Scan# 1498

Delta R.T. -0.06 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

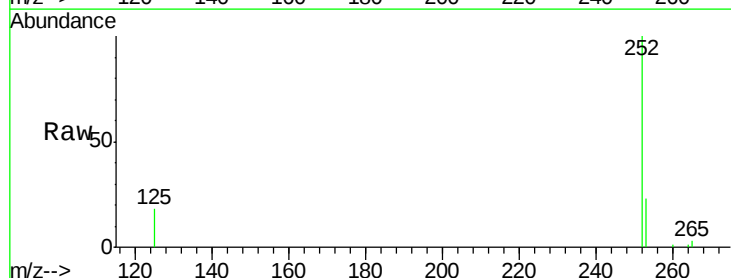
Tgt Ion:252 Resp: 40459

Ion Ratio Lower Upper

252 100

253 22.7 19.8 29.8

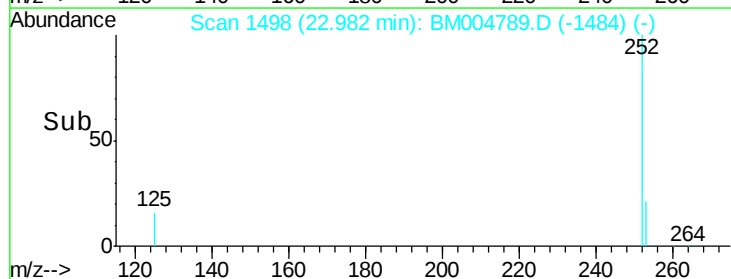
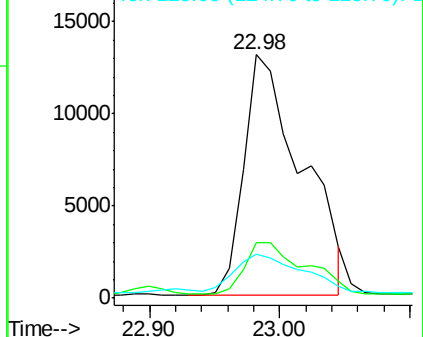
125 18.2 10.4 15.6#

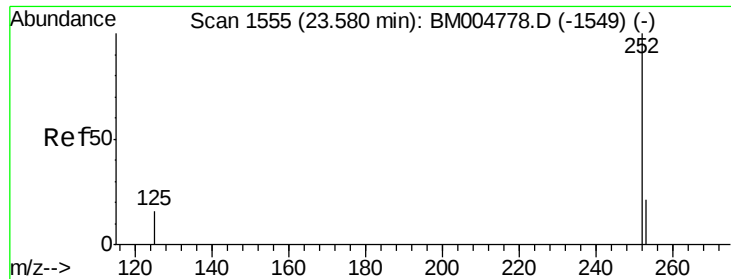


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.01 ng/u1

RT: 23.58 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

Instrument :

BNA_M

ClientSampleId :

A4T49

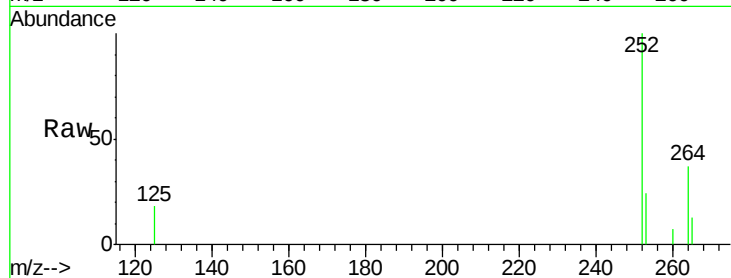
Tgt Ion:252 Resp: 13906

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.2

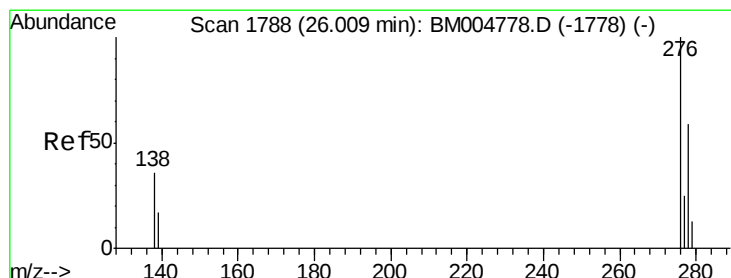
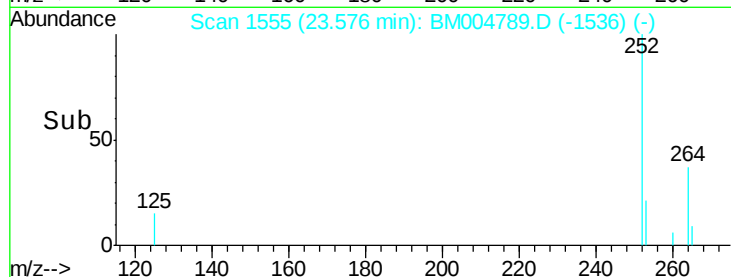
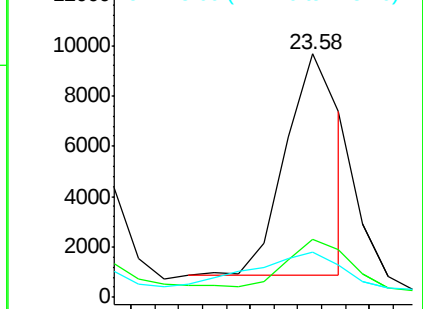
125 18.4 12.7 19.1



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/u1

RT: 25.74 min Scan# 1763

Delta R.T. -0.26 min

Lab File: BM004789.D

Acq: 25 Mar 2016 22:08

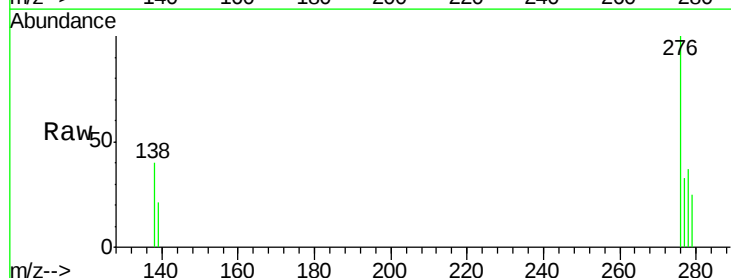
Tgt Ion:276 Resp: 1641

Ion Ratio Lower Upper

276 100

138 21.1 16.3 24.5

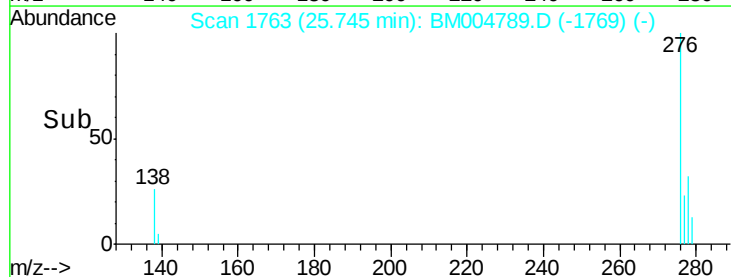
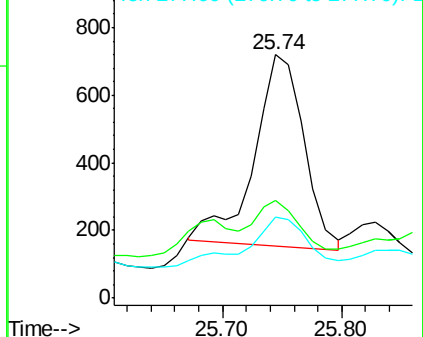
277 22.7 19.8 29.8

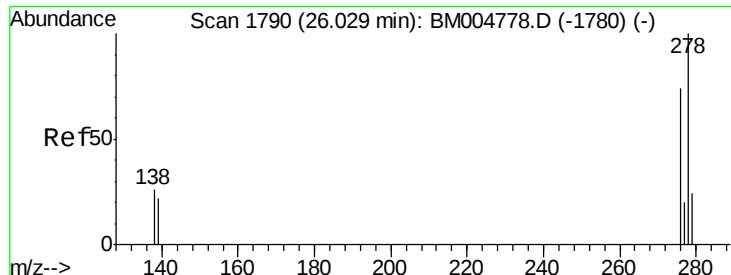


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.91 min Scan# 1779

Delta R.T. -0.12 min

Lab File: BM004789.D

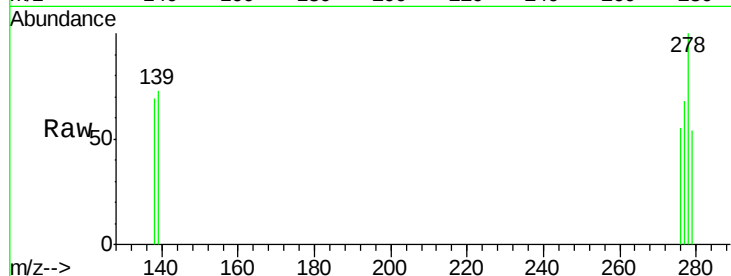
Acq: 25 Mar 2016 22:08

Instrument :

BNA_M

ClientSampleId :

A4T49



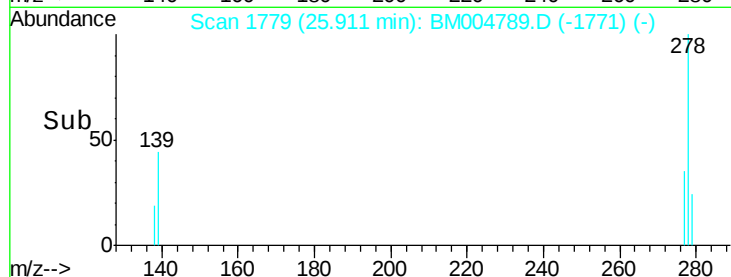
Tgt Ion: 278 Resp: 701

Ion Ratio Lower Upper

278 100

139 72.9 16.4 24.6#

279 54.5 20.2 30.2#



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

