

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004786.D
 Acq On : 25 Mar 2016 20:19
 Operator : UM/SJ
 Sample : H1909-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MS

Quant Time: Mar 26 02:45:17 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

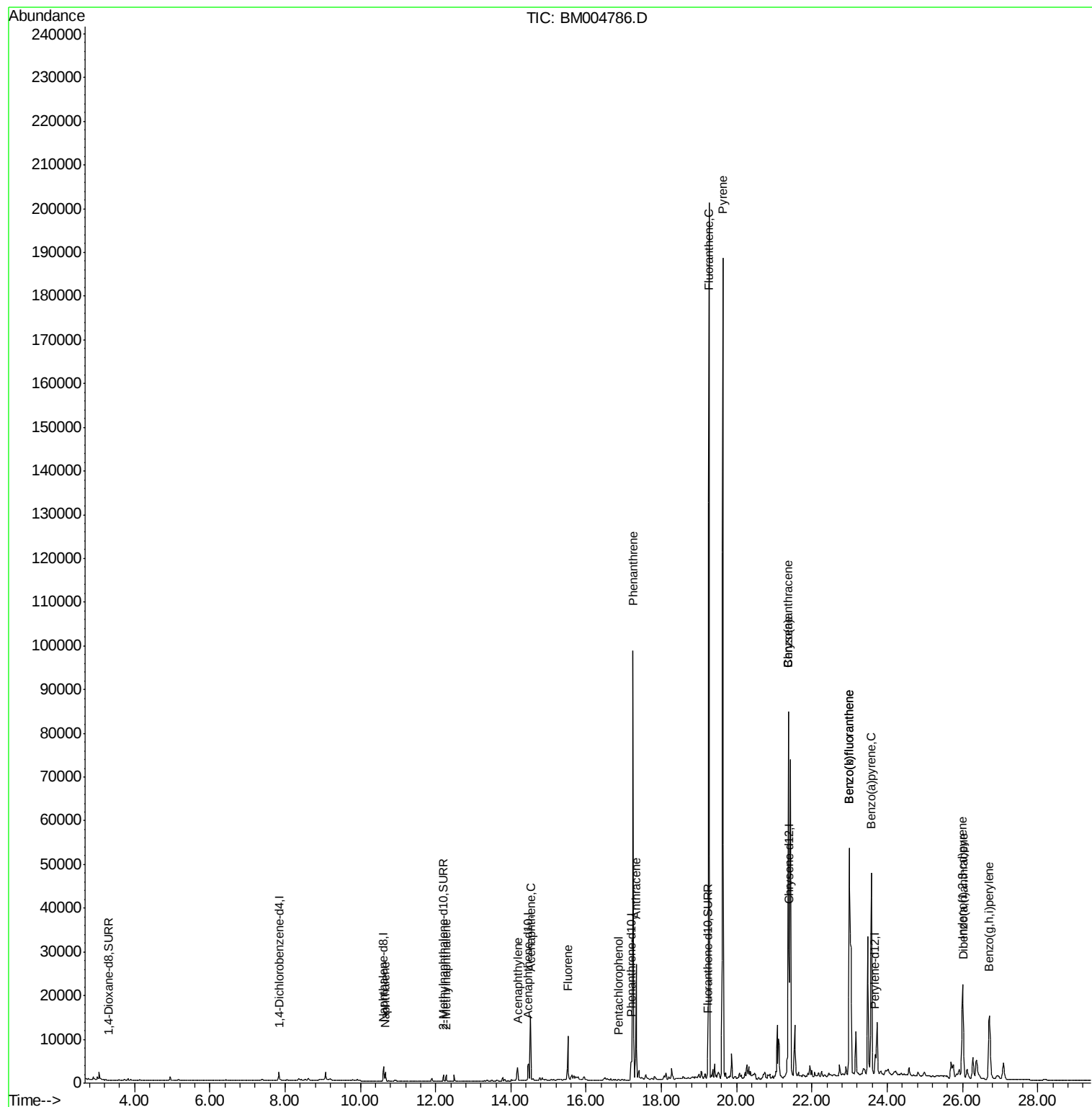
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	989	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4832	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2954	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6795	5.00	ng/ul	0.00
18) Chrysene-d12	21.39	240	6958	5.00	ng/ul	0.00
22) Perylene-d12	23.68	264	6843	5.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	8	0.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2245	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5982	0.37	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.67	128	2767	0.24	ng/ul#	92
7) 2-Methylnaphthalene	12.28	142	1170	0.14	ng/ul	99
9) Acenaphthylene	14.18	152	3682	0.27	ng/ul#	95
10) Acenaphthene	14.52	153	8726	0.91	ng/ul	89
11) Fluorene	15.51	166	6713	0.58	ng/ul	92
13) Pentachlorophenol	16.87	266	58	0.03	ng/ul	99
14) Phenanthrene	17.24	178	110597	5.79	ng/ul	97
15) Anthracene	17.33	178	30251	1.68	ng/ul	97
17) Fluoranthene	19.27	202	192178	8.84	ng/ul	96
19) Pyrene	19.63	202	183597	7.71	ng/ul	95
20) Benzo(a)anthracene	21.38	228	91568	4.28	ng/ul	96
21) Chrysene	21.38	228	91568	4.43	ng/ul	98
23) Benzo(b)fluoranthene	22.99	252	124341	5.39	ng/ul	98
24) Benzo(k)fluoranthene	22.99	252	124341	5.82	ng/ul#	95
25) Benzo(a)pyrene	23.58	252	66638	3.16	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	26.01	276	34282	1.76	ng/ul#	89
27) Dibenzo(a,h)anthracene	26.02	278	8286	0.54	ng/ul#	85
28) Benzo(g,h,i)perylene	26.71	276	29749	1.84	ng/ul	94

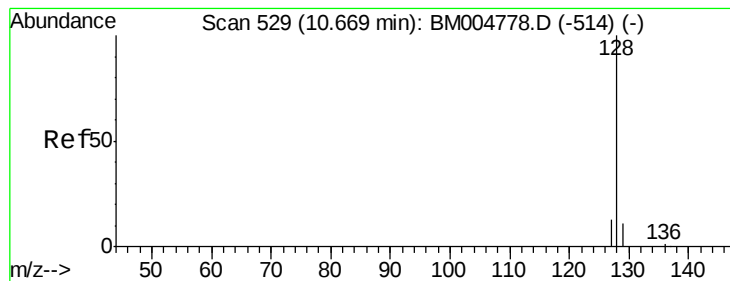
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004786.D
Acq On : 25 Mar 2016 20:19
Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Quant Time: Mar 26 02:45:17 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: 0.24 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

ClientSampleId :

A4T45MS

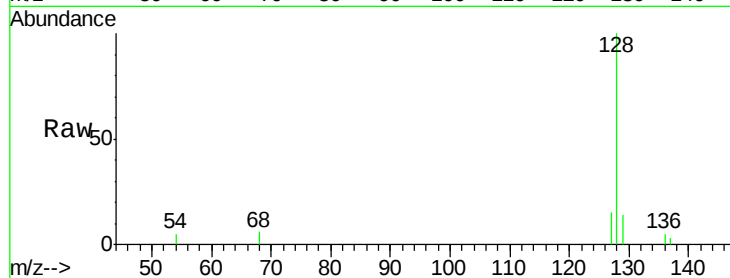
Tgt Ion:128 Resp: 2767

Ion Ratio Lower Upper

128 100

129 14.2 9.0 13.6#

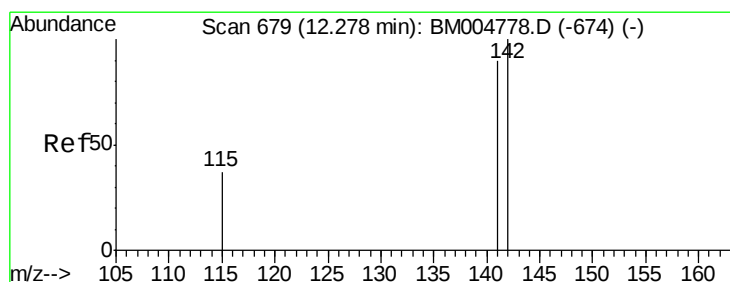
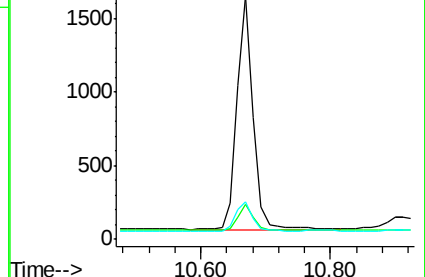
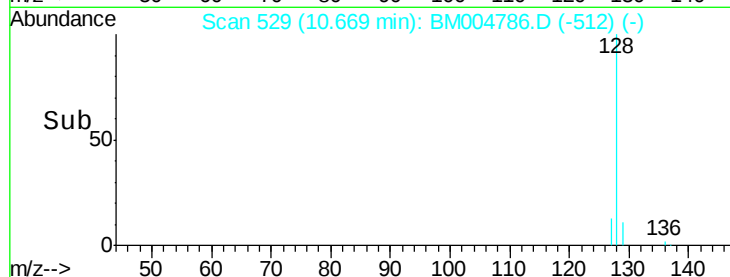
127 15.5 9.6 14.4#



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: 0.14 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM004786.D

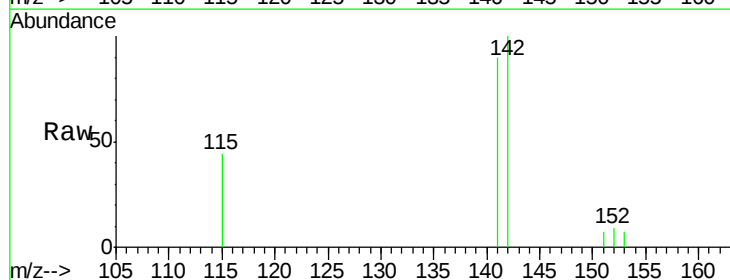
Acq: 25 Mar 2016 20:19

Tgt Ion:142 Resp: 1170

Ion Ratio Lower Upper

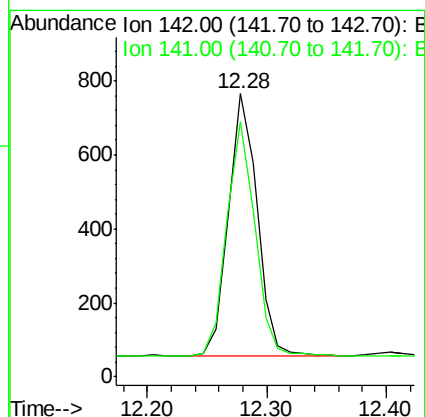
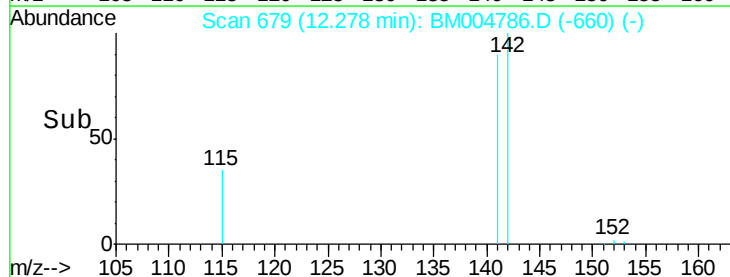
142 100

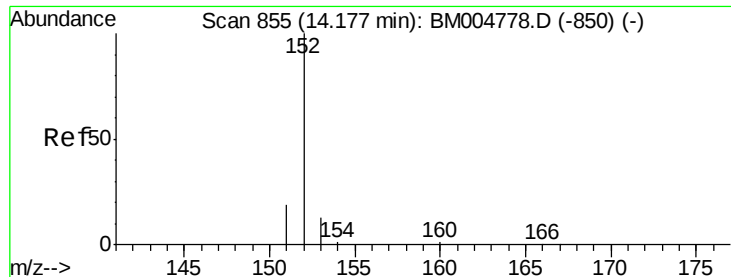
141 88.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.27 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

ClientSampleId :

A4T45MS

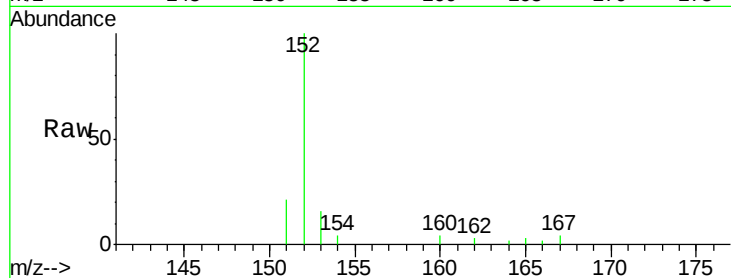
Tgt Ion:152 Resp: 3682

Ion Ratio Lower Upper

152 100

151 20.8 17.6 26.4

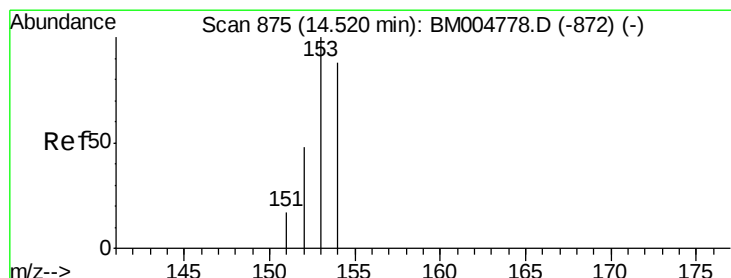
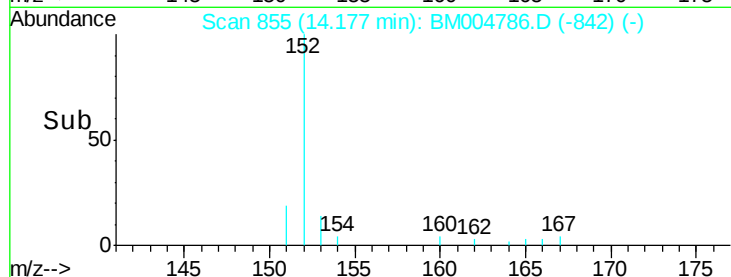
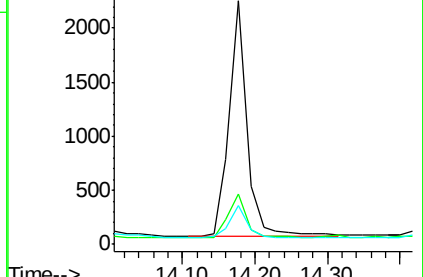
153 16.1 9.7 14.5#



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: 0.91 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. 0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

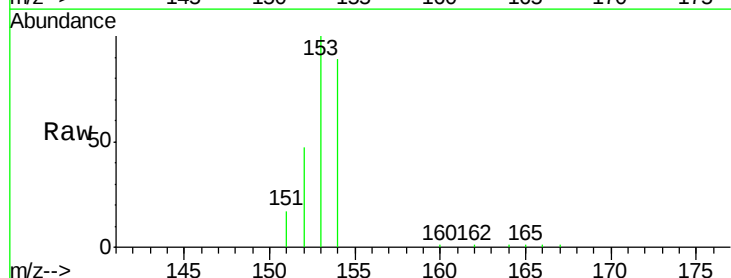
Tgt Ion:153 Resp: 8726

Ion Ratio Lower Upper

153 100

152 47.4 33.9 50.9

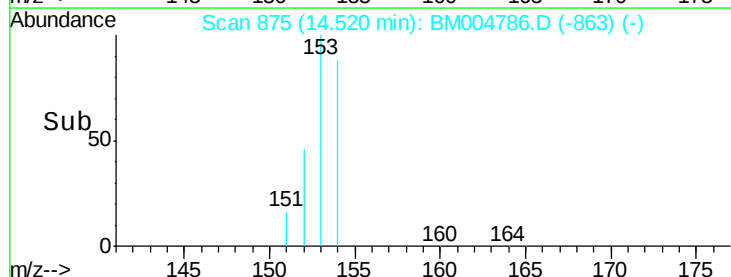
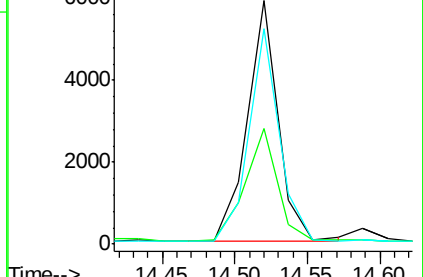
154 88.5 80.6 121.0

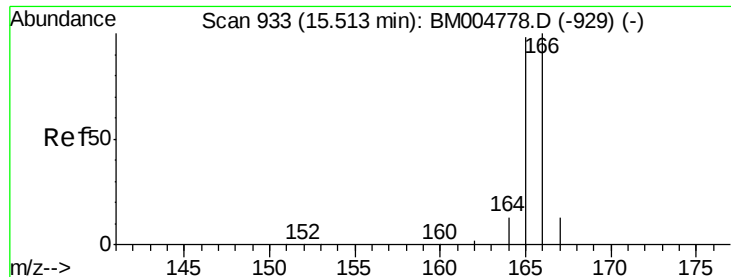


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

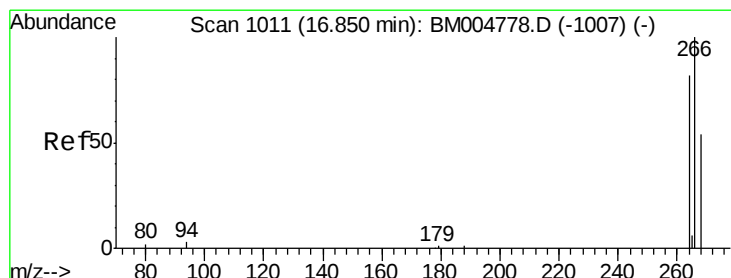
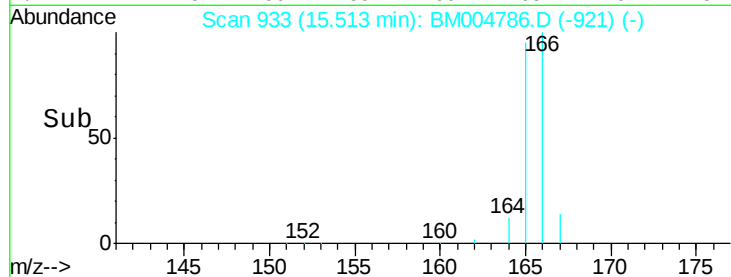
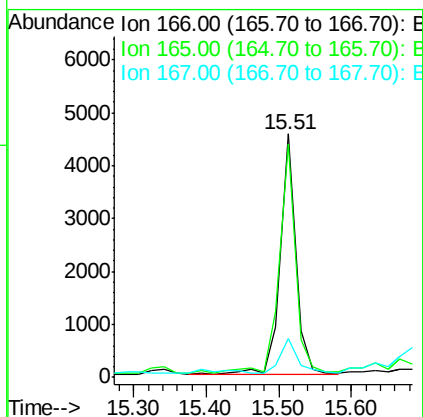
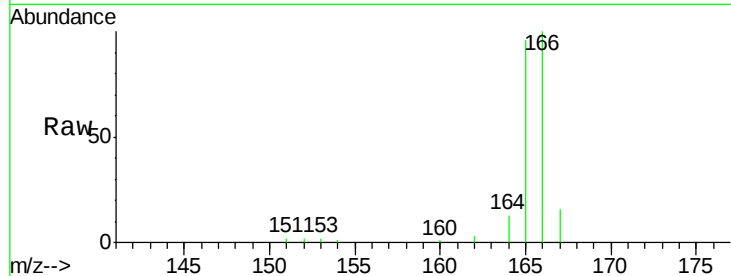




#11
 Fluorene
 Concen: 0.58 ng/ul
 RT: 15.51 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004786.D
 Acq: 25 Mar 2016 20:19

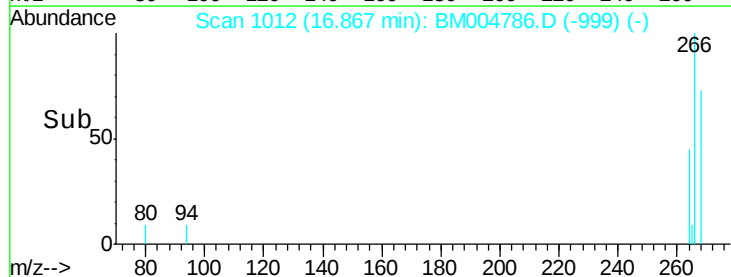
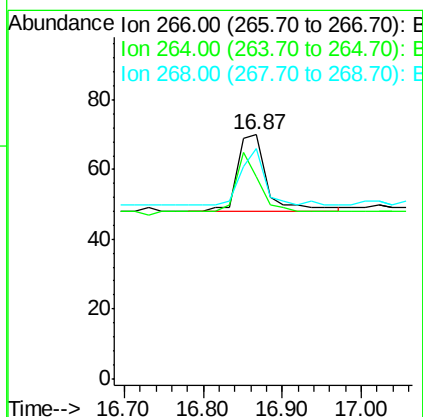
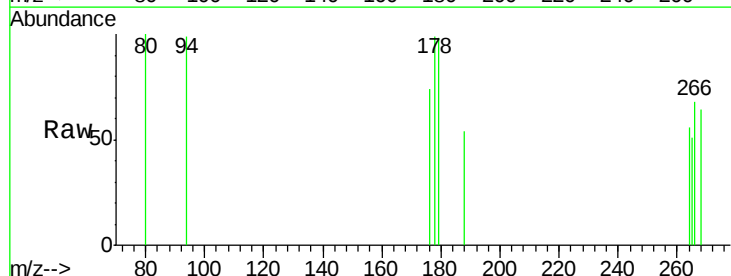
Instrument :
 BNA_M
 ClientSampleId :
 A4T45MS

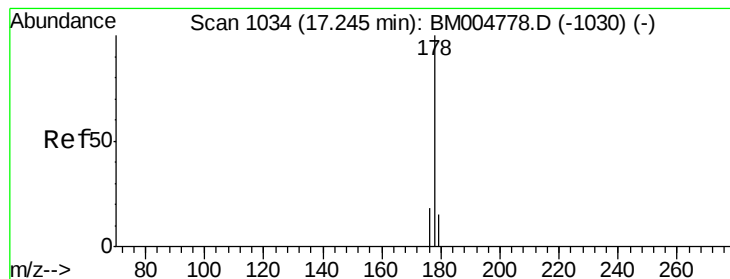
Tgt Ion:166 Resp: 6713
 Ion Ratio Lower Upper
 166 100
 165 95.6 69.6 104.4
 167 15.7 11.9 17.9



#13
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. 0.02 min
 Lab File: BM004786.D
 Acq: 25 Mar 2016 20:19

Tgt Ion:266 Resp: 58
 Ion Ratio Lower Upper
 266 100
 264 65.5 51.8 77.8
 268 56.9 46.8 70.2





#14

Phenanthrene

Concen: 5.79 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

ClientSampleId :

A4T45MS

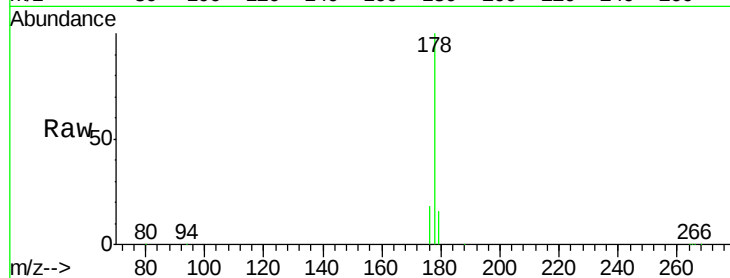
Tgt Ion:178 Resp: 110597

Ion Ratio Lower Upper

178 100

176 17.7 13.0 19.4

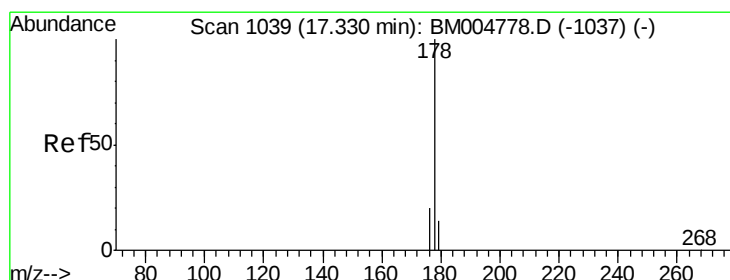
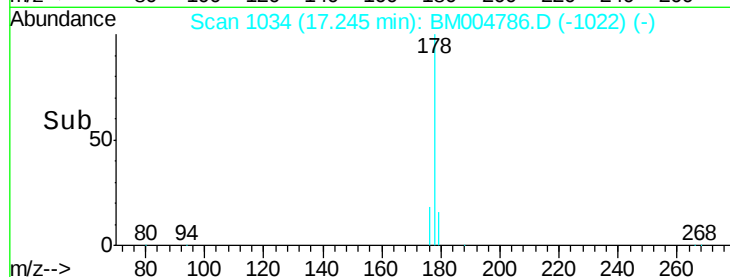
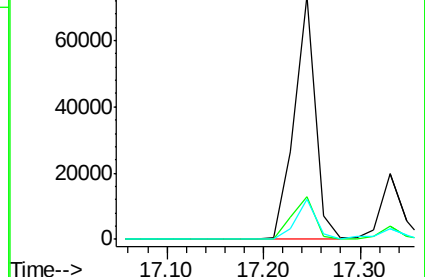
179 16.2 14.2 21.2



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: 1.68 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

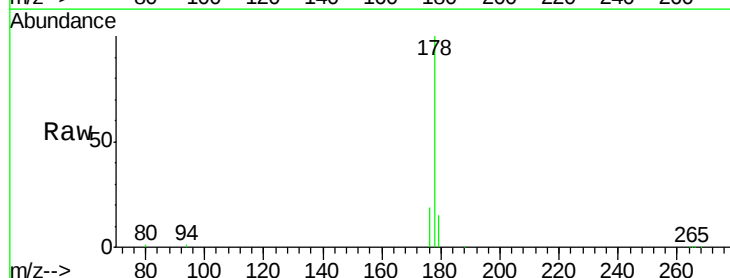
Tgt Ion:178 Resp: 30251

Ion Ratio Lower Upper

178 100

176 19.1 14.0 21.0

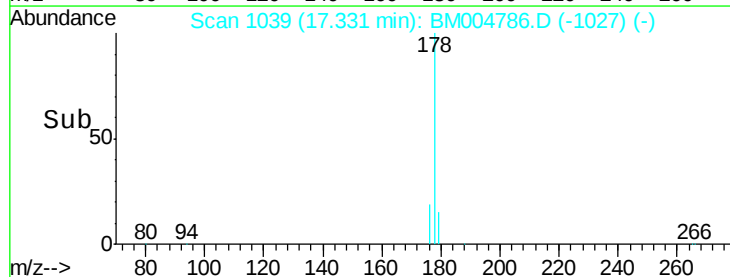
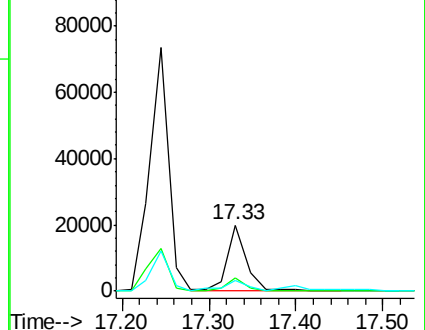
179 15.3 12.9 19.3

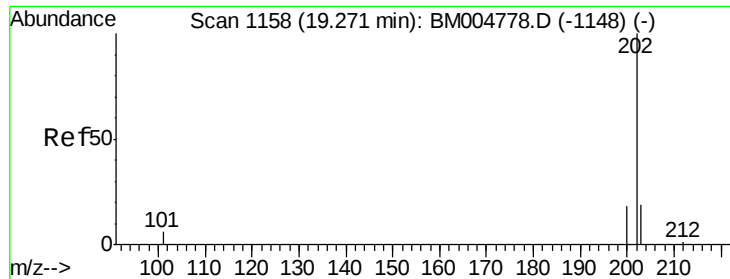


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 8.84 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

ClientSampleId :

A4T45MS

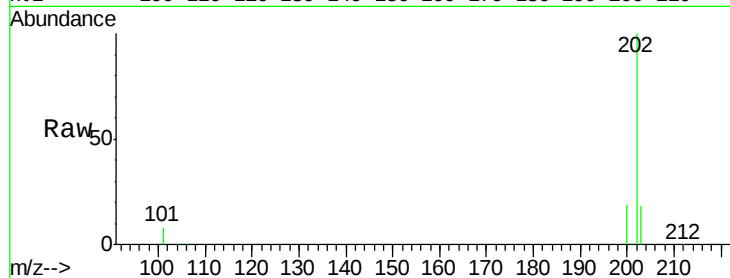
Tgt Ion:202 Resp: 192178

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.6

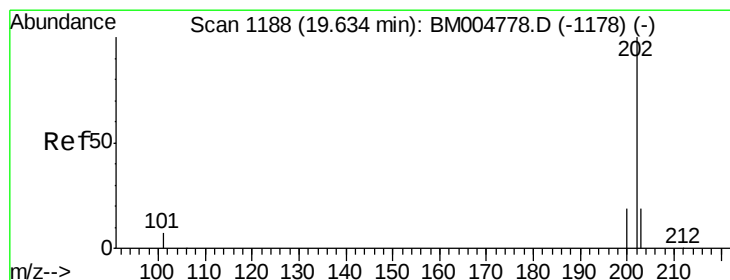
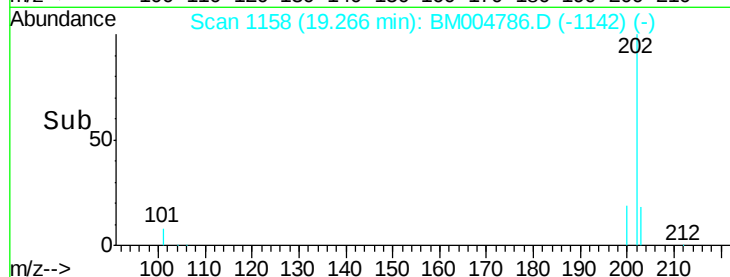
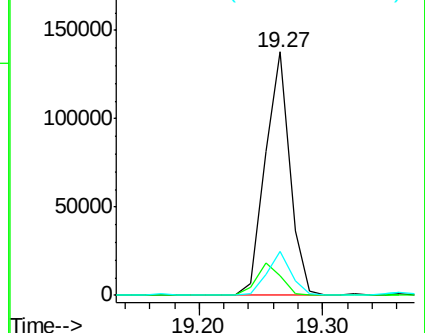
203 18.2 0.0 36.3



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



#19

Pyrene

Concen: 7.71 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

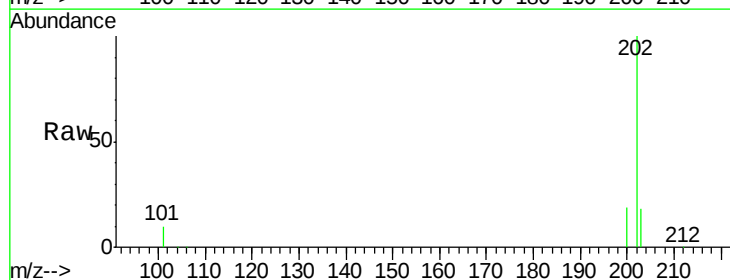
Tgt Ion:202 Resp: 183597

Ion Ratio Lower Upper

202 100

200 19.5 17.8 26.8

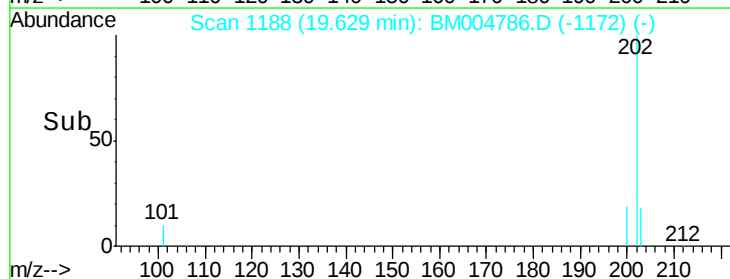
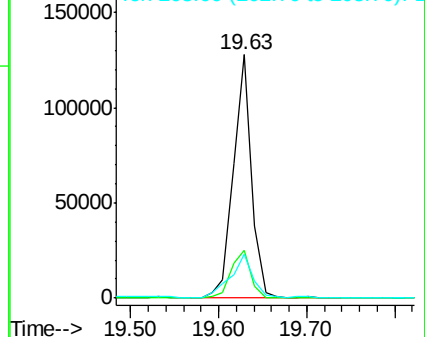
203 18.0 12.8 19.2

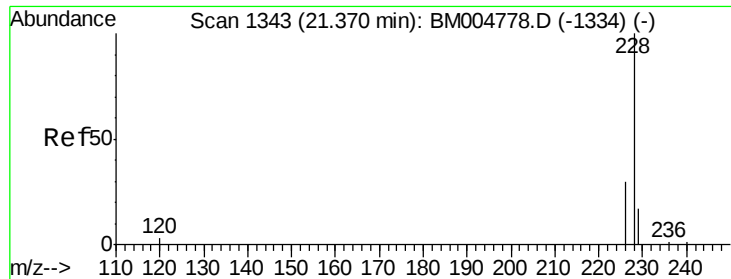


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 4.28 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

ClientSampleId :

A4T45MS

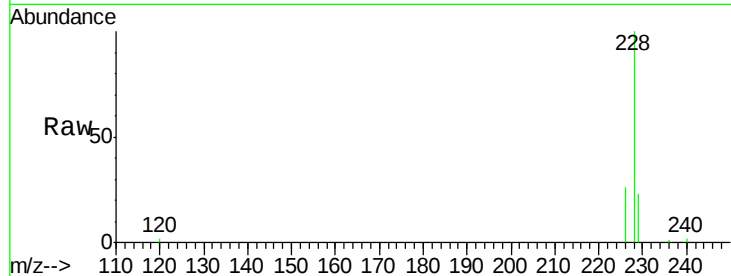
Tgt Ion:228 Resp: 91568

Ion Ratio Lower Upper

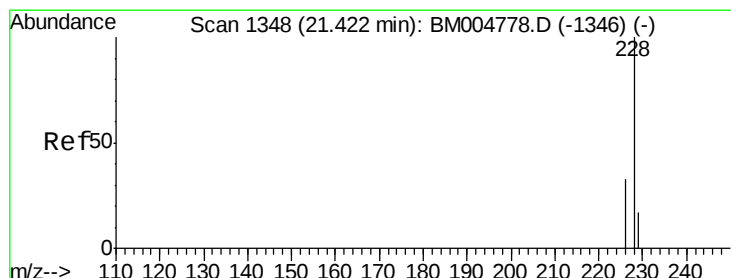
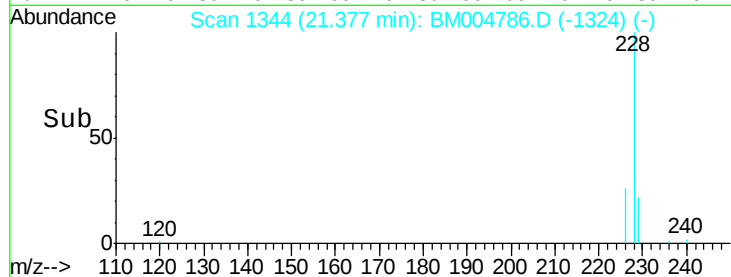
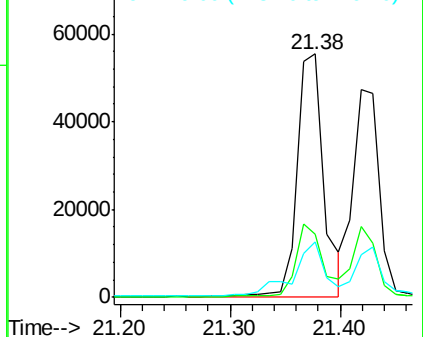
228 100

226 26.2 18.8 28.2

229 22.6 17.1 25.7



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



#21

Chrysene

Concen: 4.43 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. -0.05 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

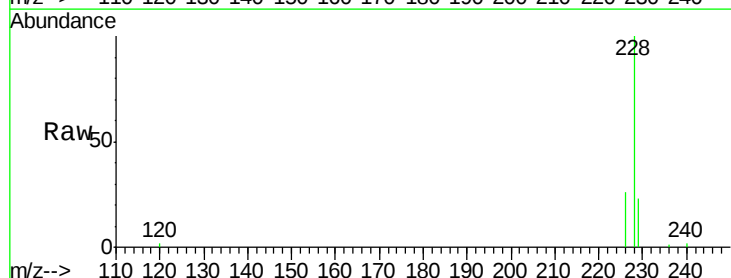
Tgt Ion:228 Resp: 91568

Ion Ratio Lower Upper

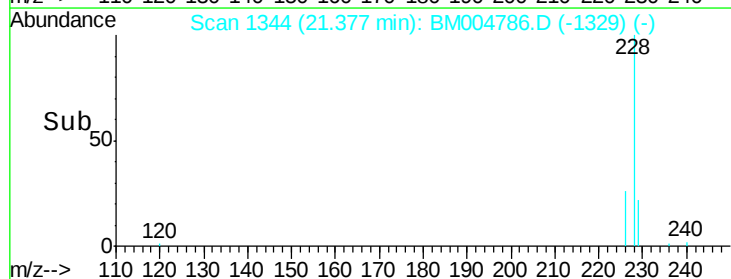
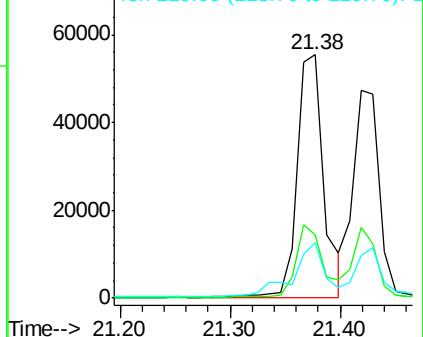
228 100

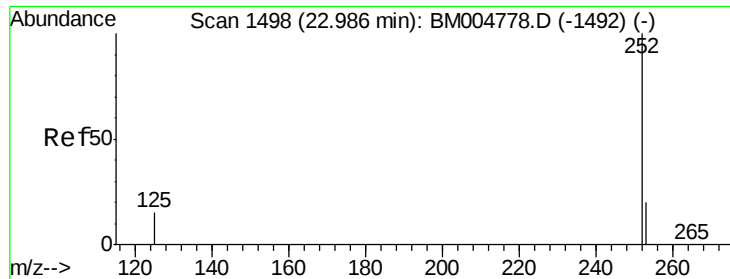
226 26.2 21.2 31.8

229 22.6 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





#23

Benzo(b)fluoranthene

Concen: 5.39 ng/ul

RT: 22.99 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

ClientSampleId :

A4T45MS

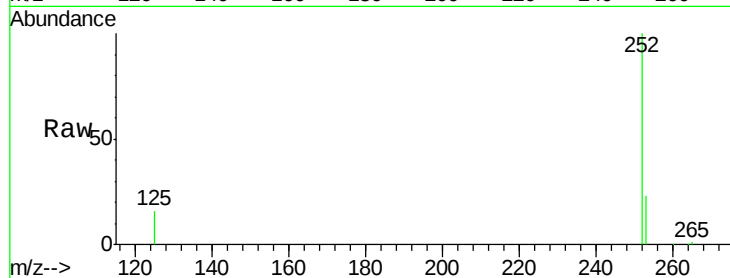
Tgt Ion:252 Resp: 124341

Ion Ratio Lower Upper

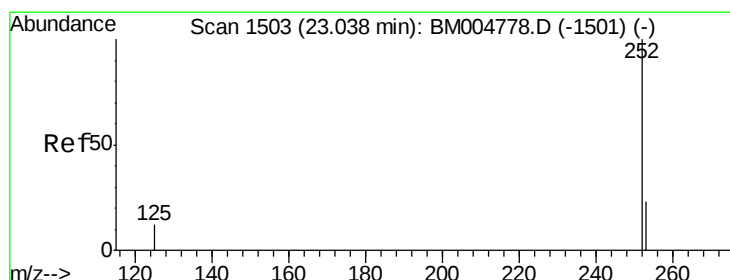
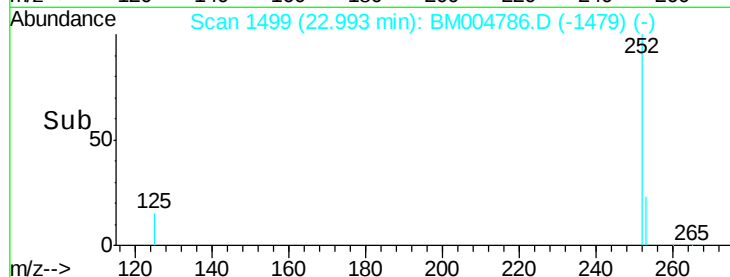
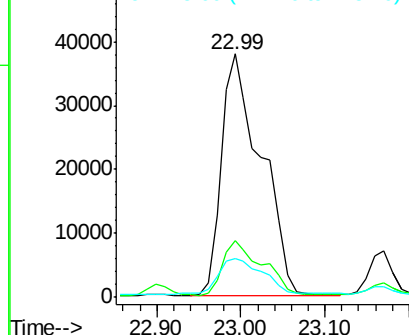
252 100

253 23.3 0.0 45.4

125 16.1 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: 5.82 ng/ul

RT: 22.99 min Scan# 1499

Delta R.T. -0.05 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

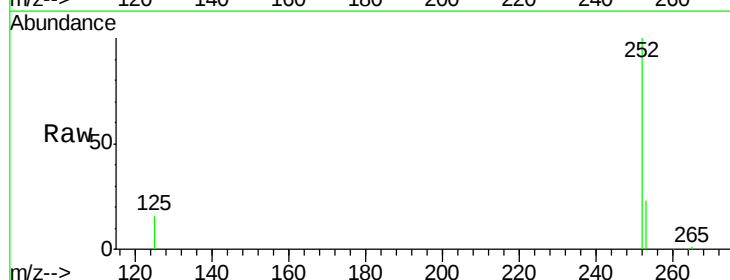
Tgt Ion:252 Resp: 124341

Ion Ratio Lower Upper

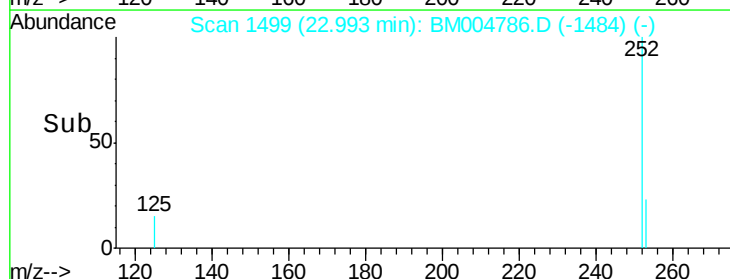
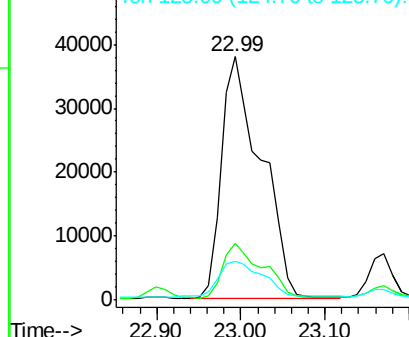
252 100

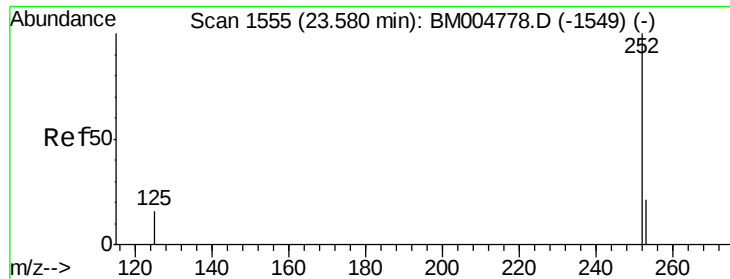
253 23.3 19.8 29.8

125 16.1 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: 3.16 ng/ul

RT: 23.58 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

ClientSampleId :

A4T45MS

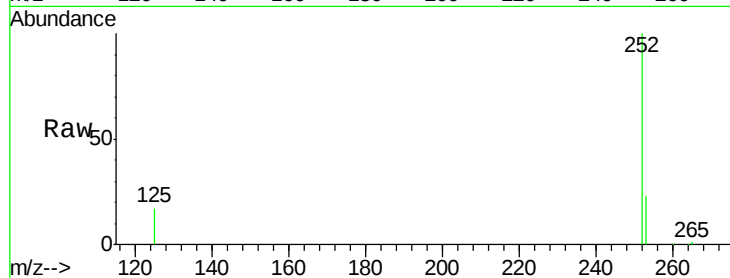
Tgt Ion:252 Resp: 66638

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.2

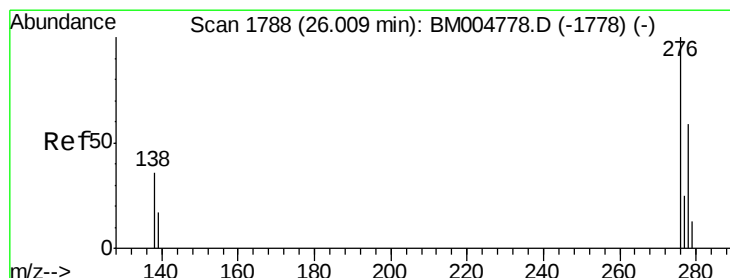
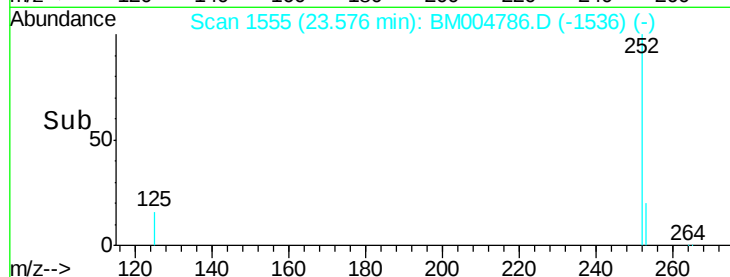
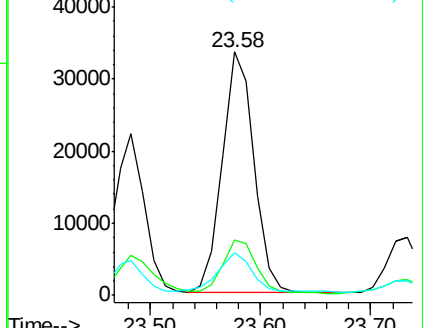
125 17.3 12.7 19.1



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: 1.76 ng/ul

RT: 26.01 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

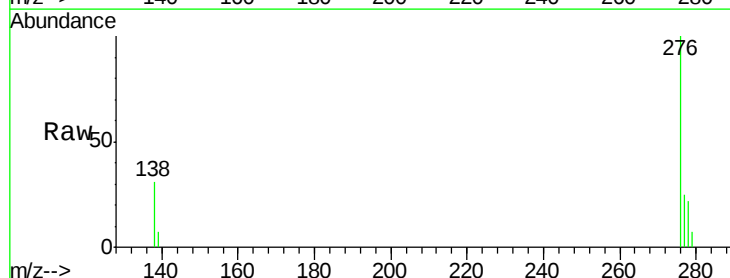
Tgt Ion:276 Resp: 34282

Ion Ratio Lower Upper

276 100

138 31.3 16.3 24.5#

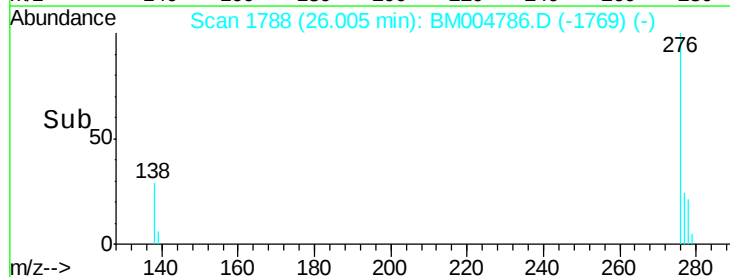
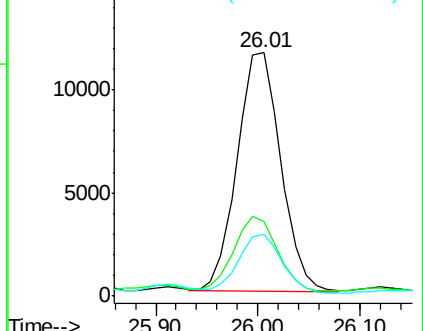
277 24.4 19.8 29.8

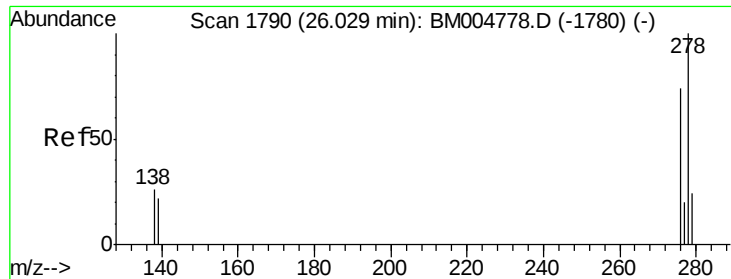


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

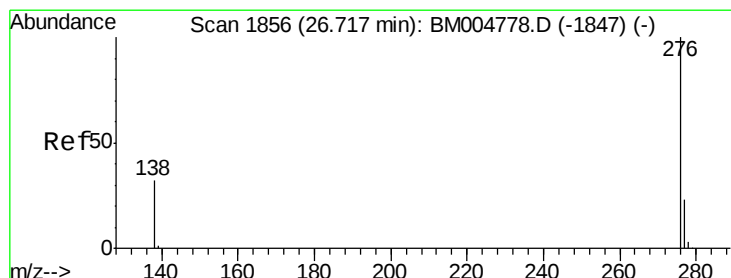
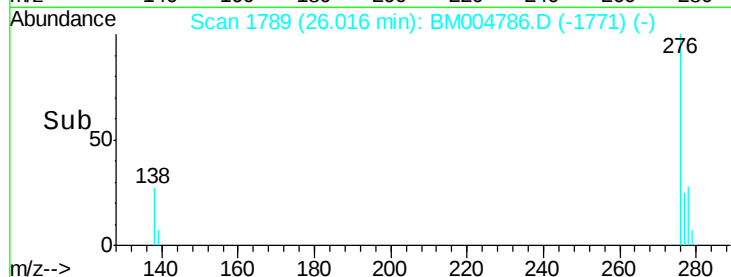
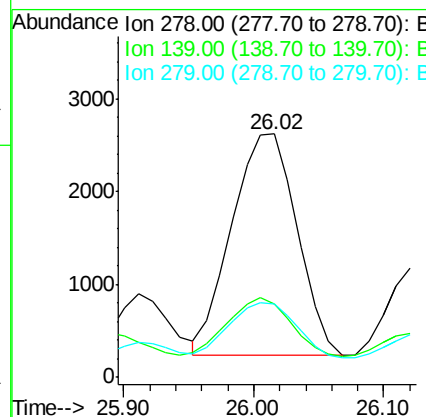
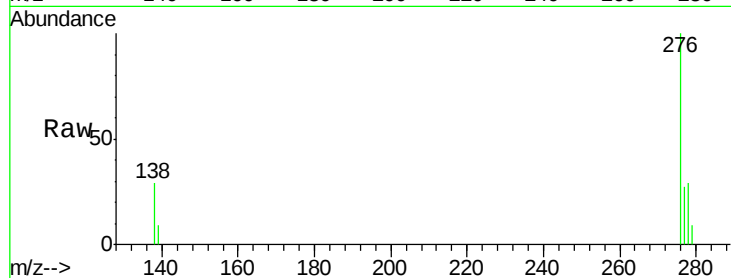




#27
Dibenzo(a,h)anthracene
Concen: 0.54 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004786.D
Acq: 25 Mar 2016 20:19

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Tgt Ion: 278 Resp: 8286
Ion Ratio Lower Upper
278 100
139 30.3 16.4 24.6#
279 30.0 20.2 30.2



#28
Benzo(g,h,i)perylene
Concen: 1.84 ng/ul
RT: 26.71 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BM004786.D
Acq: 25 Mar 2016 20:19

Tgt Ion: 276 Resp: 29749
Ion Ratio Lower Upper
276 100
277 24.7 18.9 28.3
138 32.9 22.5 33.7

