

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004781.D
 Acq On : 25 Mar 2016 17:16
 Operator : UM/SJ
 Sample : H1909-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T39

Quant Time: Mar 26 02:44:42 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

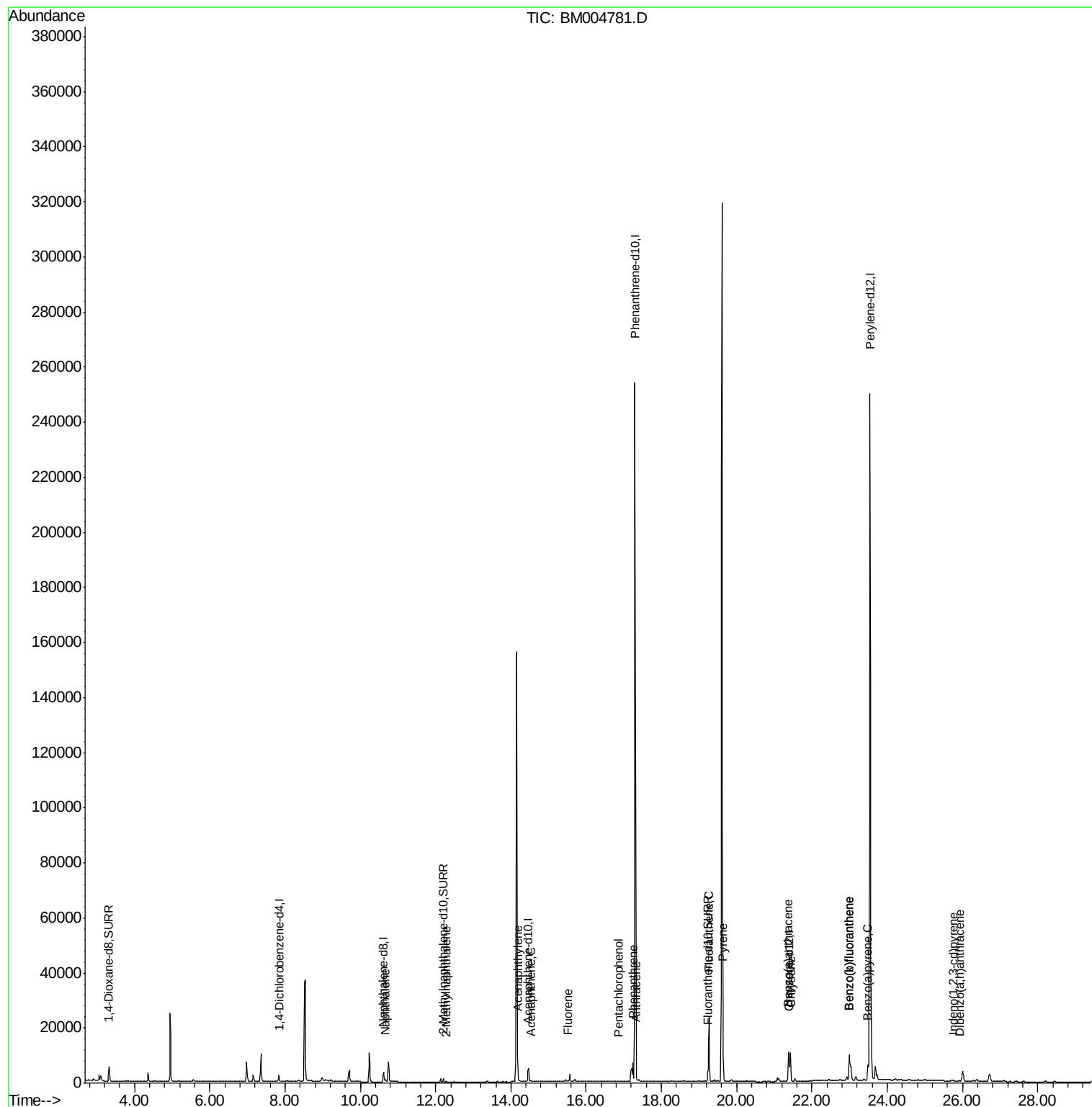
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1144	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5312	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3373	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	335543	5.00	ng/ul	0.09
18) Chrysene-d12	21.40	240	7468	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	330674	5.00	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4486	8.70	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	1913	0.26	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4522	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.67	128	1179	0.09	ng/ul#	81
7) 2-Methylnaphthalene	12.28	142	196	0.02	ng/ul	94
9) Acenaphthylene	14.18	152	1167	0.08	ng/ul#	90
10) Acenaphthene	14.52	153	174	0.02	ng/ul#	78
11) Fluorene	15.51	166	362	0.03	ng/ul#	76
13) Pentachlorophenol	16.87	266	38	0.00	ng/ul#	71
14) Phenanthrene	17.24	178	7435	0.01	ng/ul	95
15) Anthracene	17.33	178	1802	0.00	ng/ul#	87
17) Fluoranthene	19.27	202	21876	0.02	ng/ul	97
19) Pyrene	19.63	202	20267	0.79	ng/ul	97
20) Benzo(a)anthracene	21.38	228	9797	0.43	ng/ul#	92
21) Chrysene	21.43	228	10848	0.49	ng/ul	95
23) Benzo(b)fluoranthene	22.99	252	12260	0.01	ng/ul	94
24) Benzo(k)fluoranthene	22.99	252	20866	0.02	ng/ul#	94
25) Benzo(a)pyrene	23.48	252	7834	0.01	ng/ul#	89
26) Indeno(1,2,3-cd)pyrene	25.76	276	744	0.00	ng/ul#	88
27) Dibenzo(a,h)anthracene	25.92	278	373	0.00	ng/ul#	1

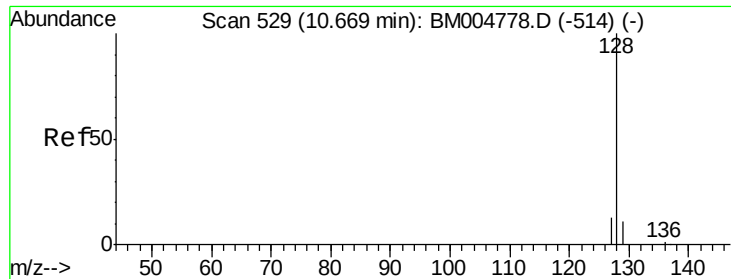
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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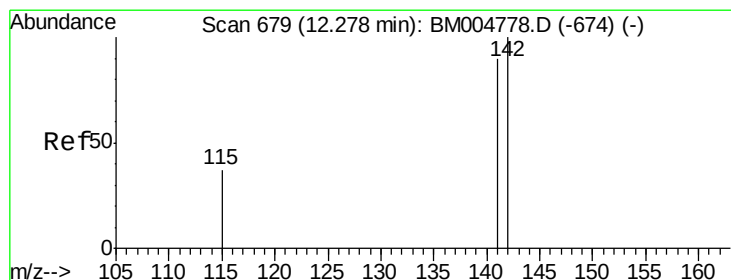
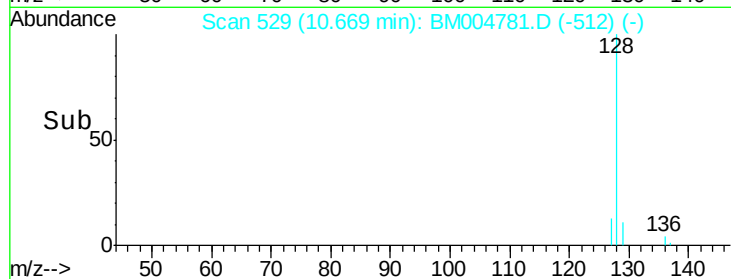
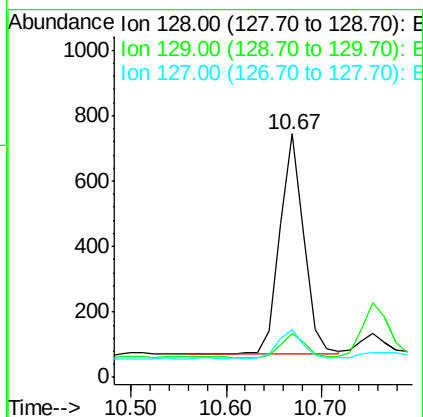
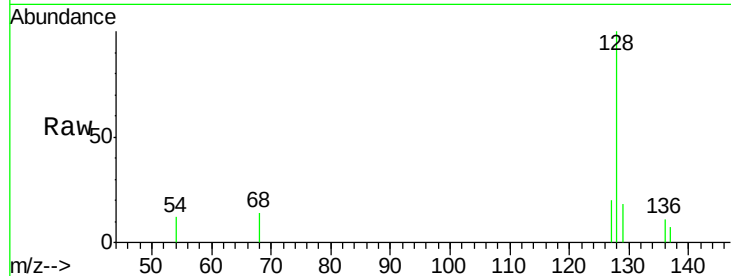




#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. 0.00 min
Lab File: BM004781.D
Acq: 25 Mar 2016 17:16

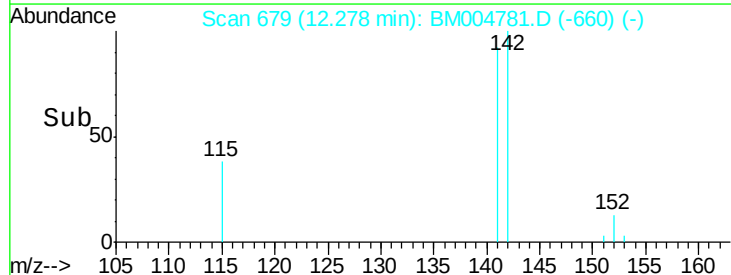
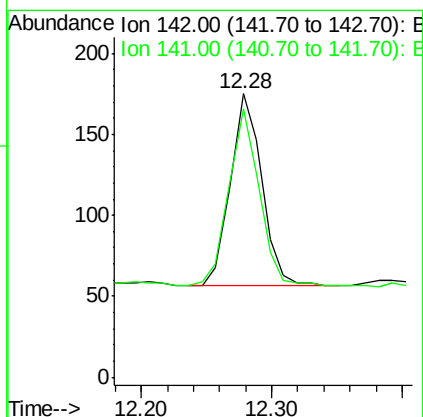
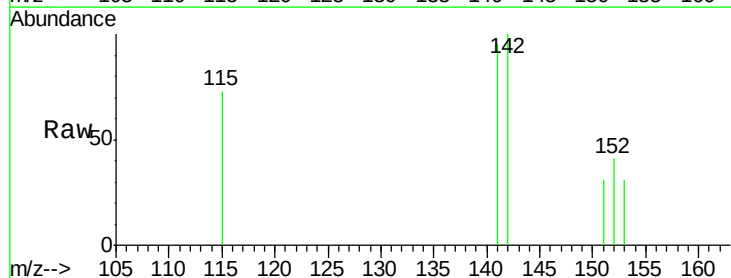
Instrument :
BNA_M
ClientSampleId :
A4T39

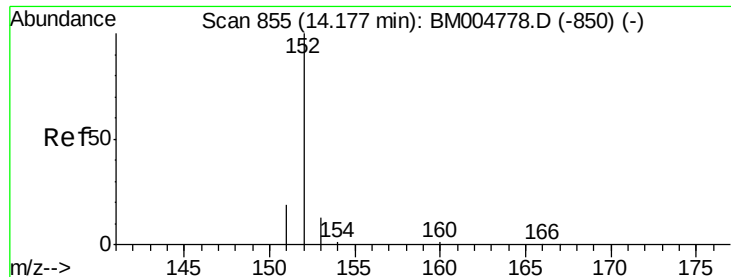
Tgt Ion:128 Resp: 1179
Ion Ratio Lower Upper
128 100
129 18.1 9.0 13.6#
127 19.6 9.6 14.4#



#7
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM004781.D
Acq: 25 Mar 2016 17:16

Tgt Ion:142 Resp: 196
Ion Ratio Lower Upper
142 100
141 93.4 70.3 105.5





#9

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

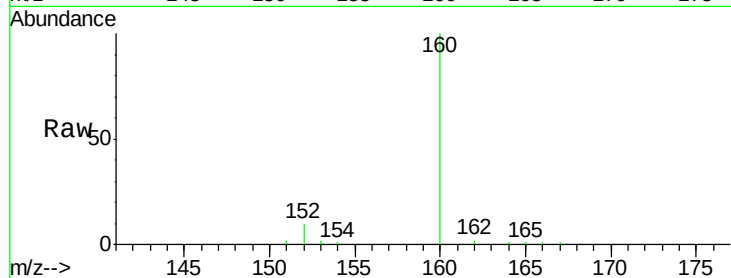
Instrument :

BNA_M

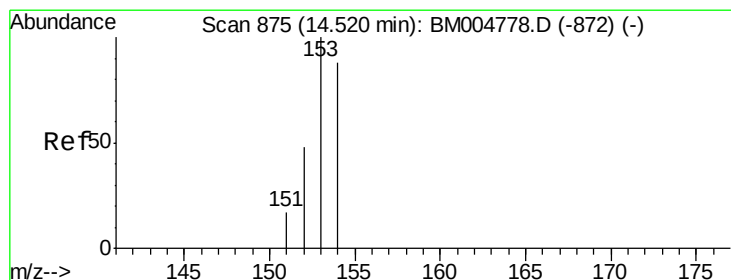
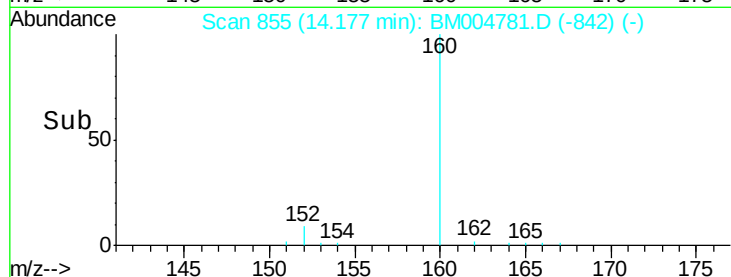
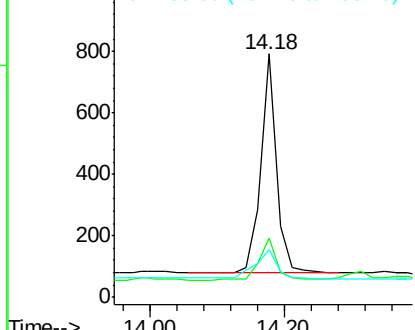
ClientSampleId :

A4T39

Tgt Ion:	152	Resp:	1167
Ion	Ratio	Lower	Upper
152	100		
151	24.2	17.6	26.4
153	19.8	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: 0.02 ng/ul

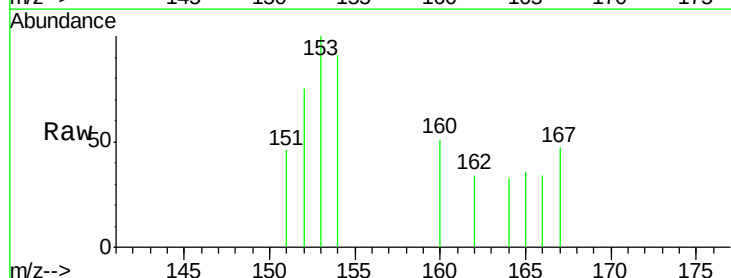
RT: 14.52 min Scan# 875

Delta R.T. 0.00 min

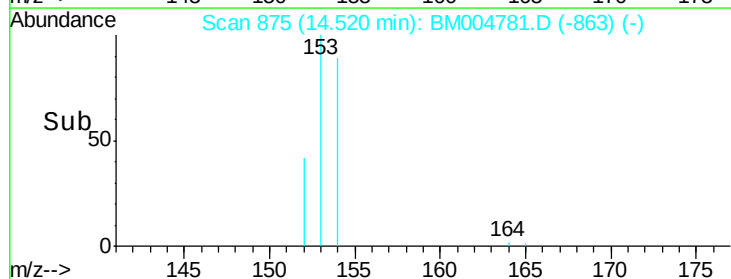
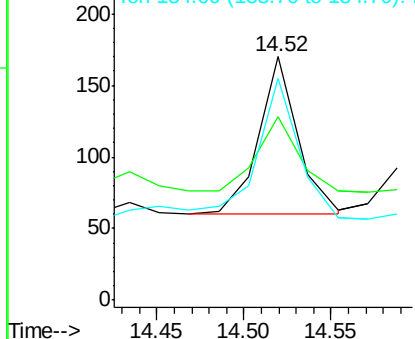
Lab File: BM004781.D

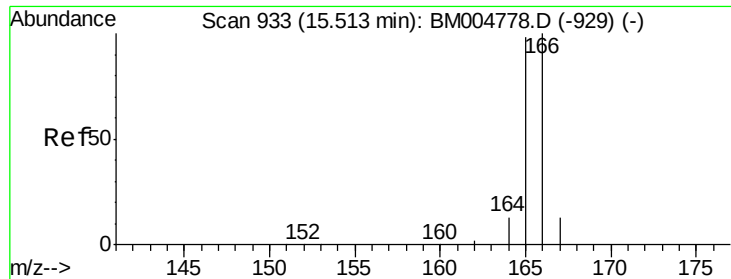
Acq: 25 Mar 2016 17:16

Tgt Ion:	153	Resp:	174
Ion	Ratio	Lower	Upper
153	100		
152	75.3	33.9	50.9#
154	91.2	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

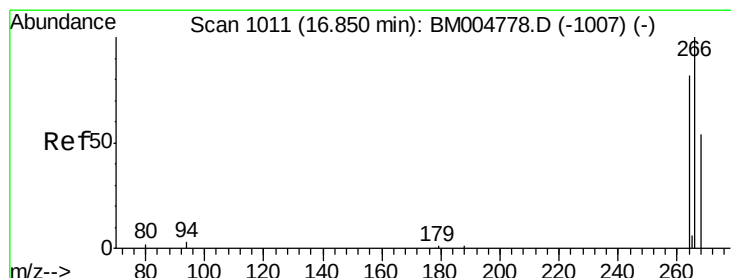
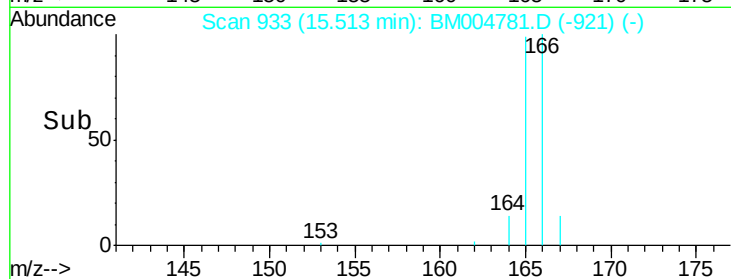
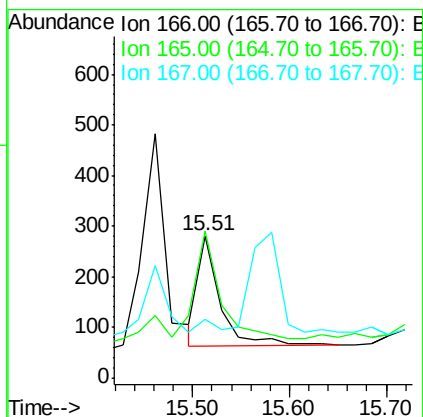
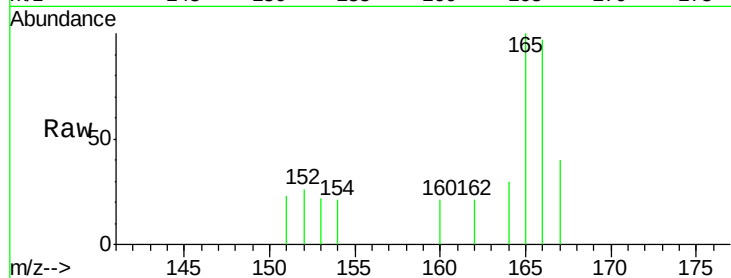




#11
 Fluorene
 Concen: 0.03 ng/ul
 RT: 15.51 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004781.D
 Acq: 25 Mar 2016 17:16

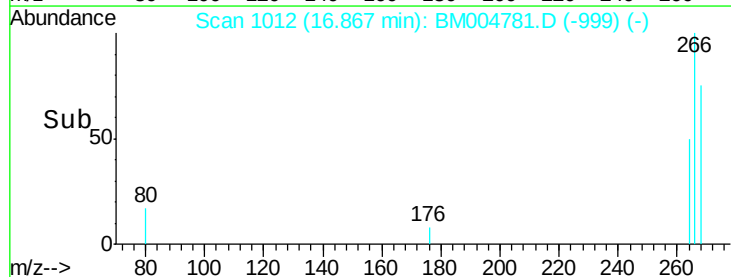
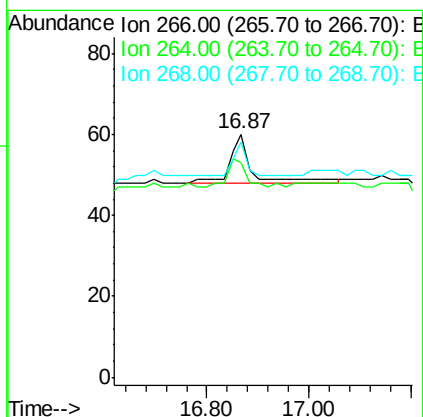
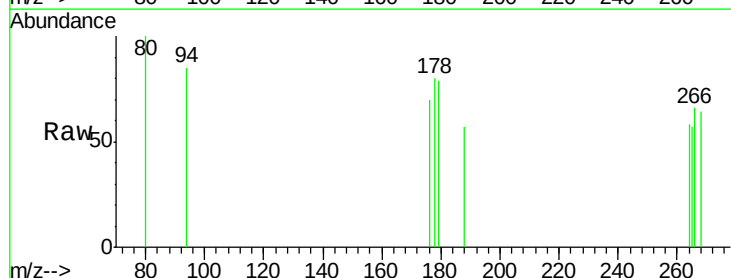
Instrument :
 BNA_M
 ClientSampleId :
 A4T39

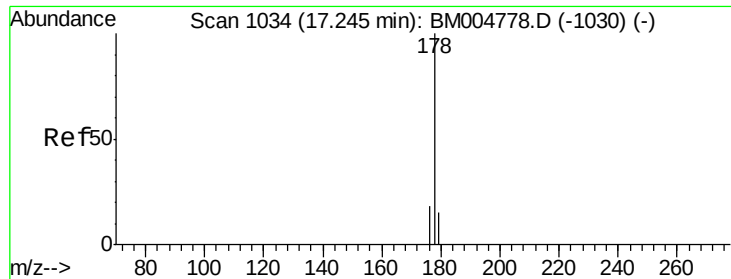
Tgt Ion:166 Resp: 362
 Ion Ratio Lower Upper
 166 100
 165 102.8 69.6 104.4
 167 40.9 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. 0.02 min
 Lab File: BM004781.D
 Acq: 25 Mar 2016 17:16

Tgt Ion:266 Resp: 38
 Ion Ratio Lower Upper
 266 100
 264 44.7 51.8 77.8#
 268 34.2 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: BM004781.D

Acq: 25 Mar 2016 17:16

Instrument :

BNA_M

ClientSampleId :

A4T39

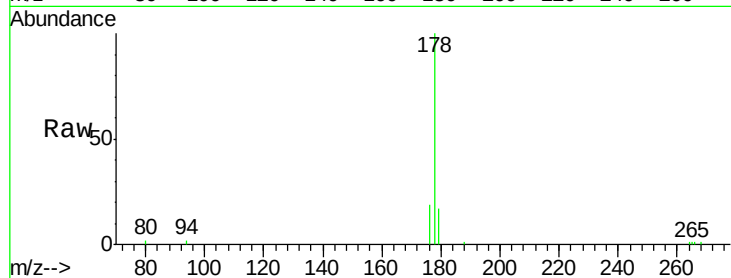
Tgt Ion:178 Resp: 7435

Ion Ratio Lower Upper

178 100

176 19.3 13.0 19.4

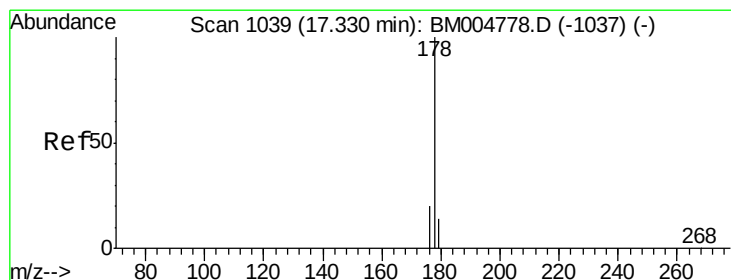
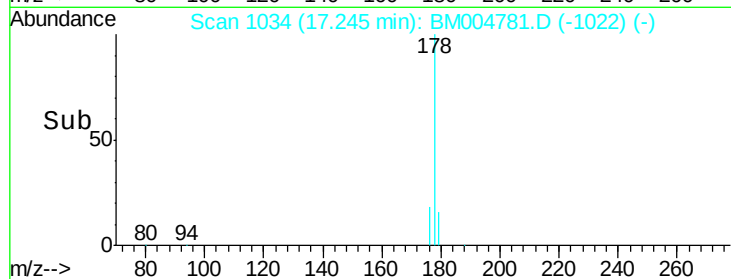
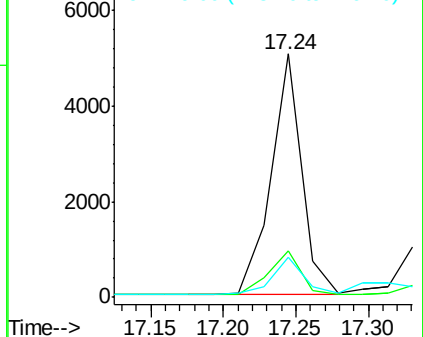
179 16.7 14.2 21.2



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: BM004781.D

Acq: 25 Mar 2016 17:16

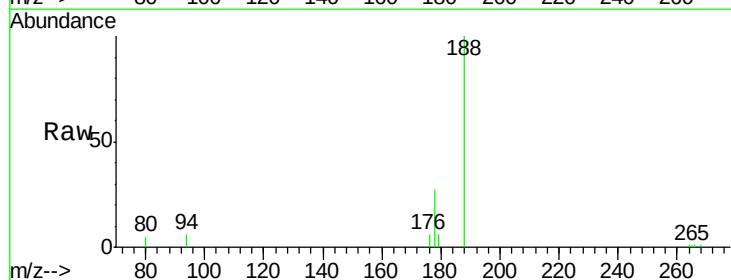
Tgt Ion:178 Resp: 1802

Ion Ratio Lower Upper

178 100

176 23.7 14.0 21.0#

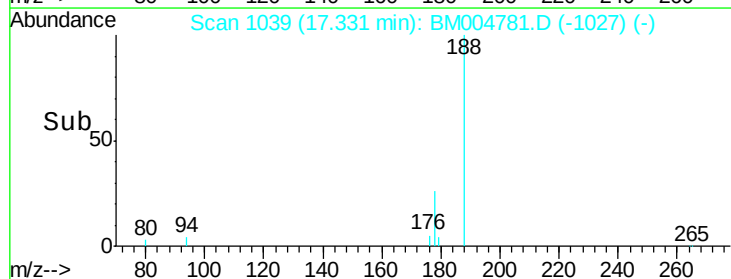
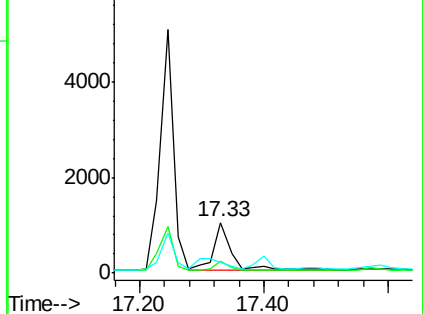
179 20.8 12.9 19.3#

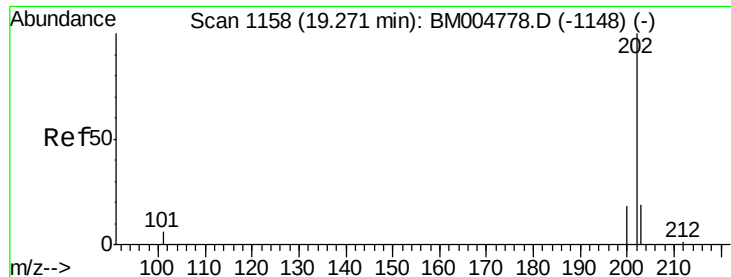


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

Instrument :

BNA_M

ClientSampleId :

A4T39

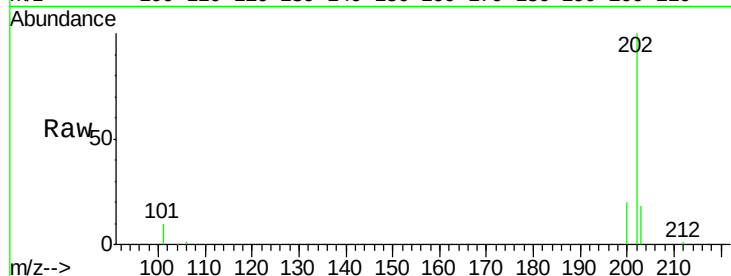
Tgt Ion:202 Resp: 21876

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.6

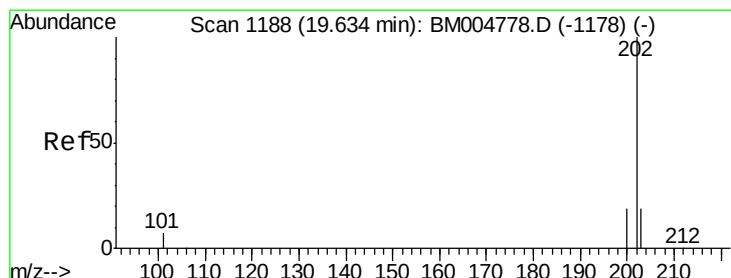
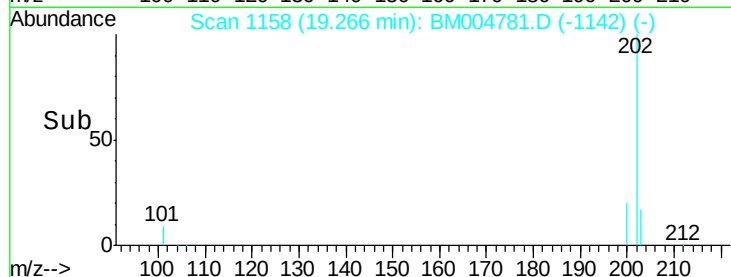
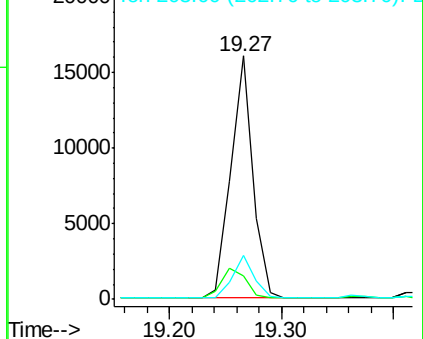
203 18.0 0.0 36.3



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: 0.79 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

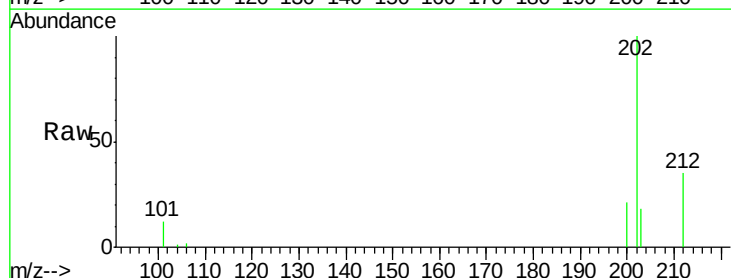
Tgt Ion:202 Resp: 20267

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.8

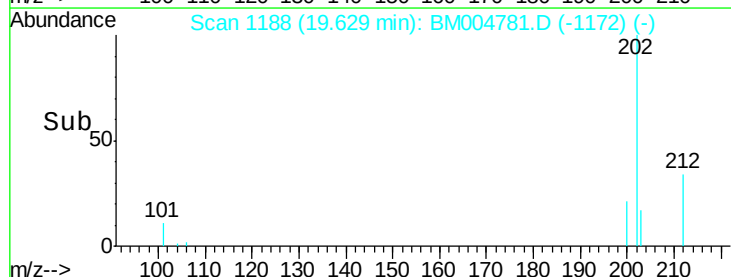
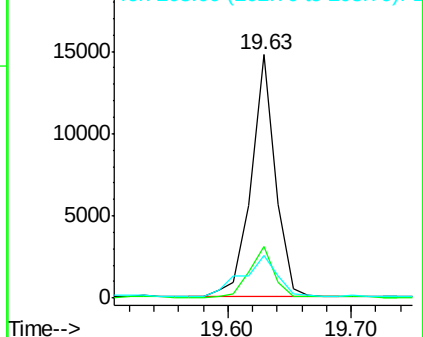
203 17.7 12.8 19.2

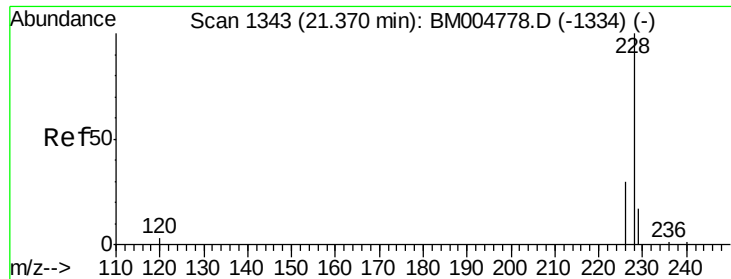


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.43 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

Instrument :

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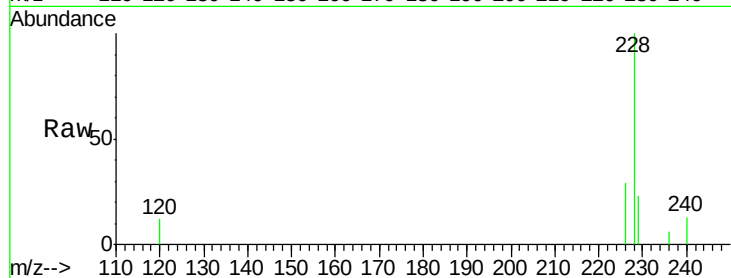
Tgt Ion:228 Resp: 9797

Ion Ratio Lower Upper

228 100

226 29.3 18.8 28.2#

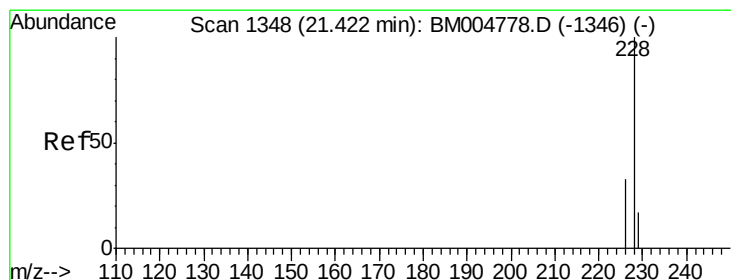
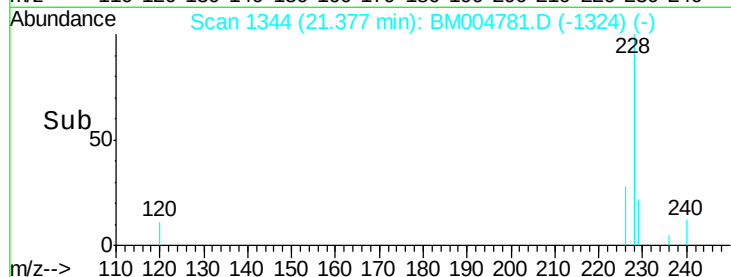
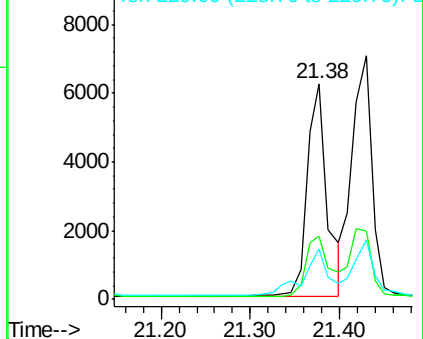
229 23.3 17.1 25.7



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: 0.49 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

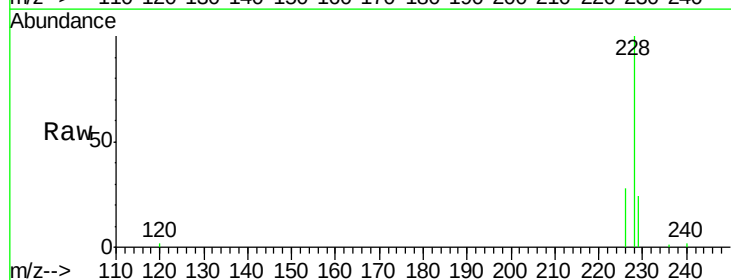
Tgt Ion:228 Resp: 10848

Ion Ratio Lower Upper

228 100

226 28.3 21.2 31.8

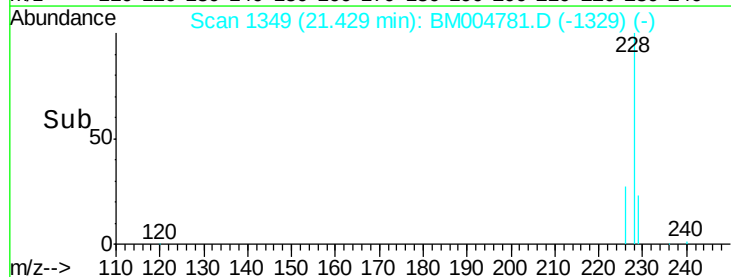
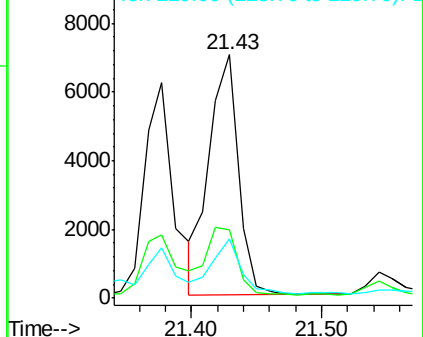
229 24.1 17.0 25.6

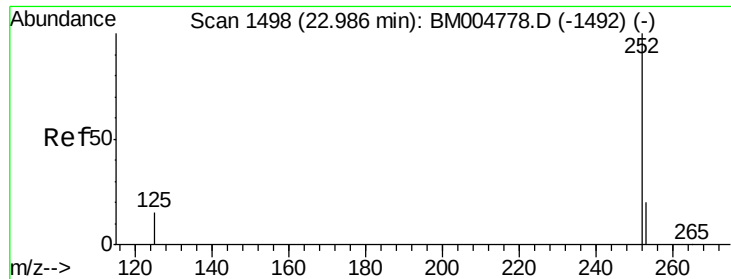


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.99 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

Instrument :

BNA_M

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A4T39

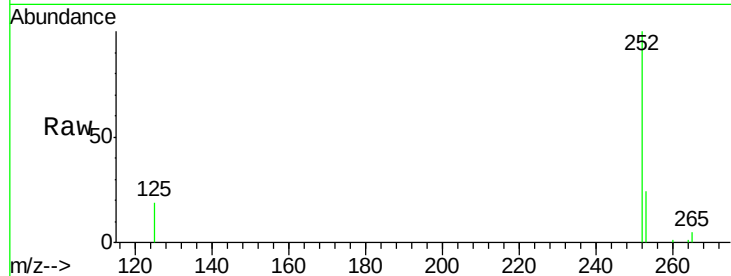
Tgt Ion:252 Resp: 12260

Ion Ratio Lower Upper

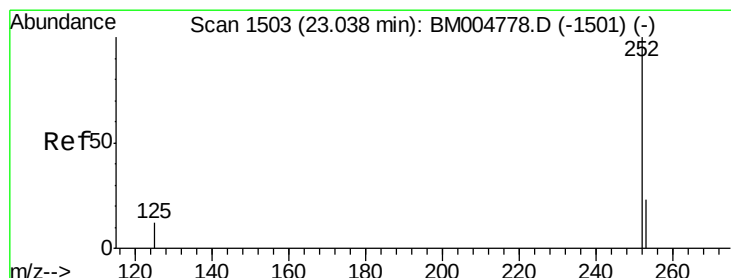
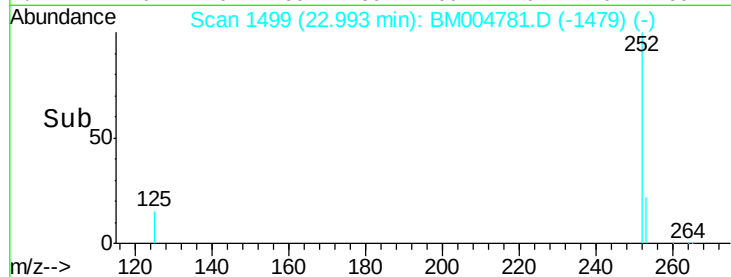
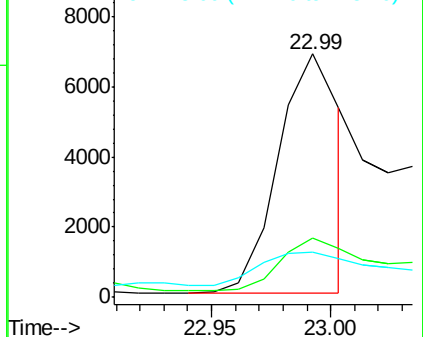
252 100

253 24.2 0.0 45.4

125 18.5 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: 0.02 ng/ul

RT: 22.99 min Scan# 1499

Delta R.T. -0.05 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

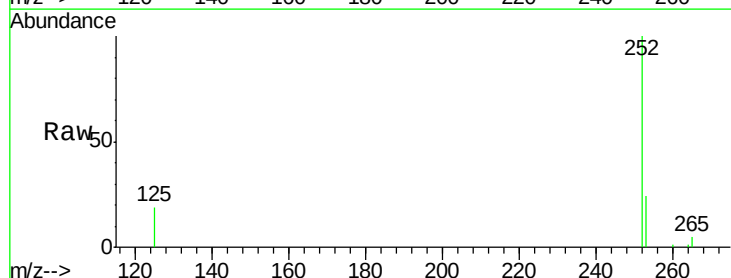
Tgt Ion:252 Resp: 20866

Ion Ratio Lower Upper

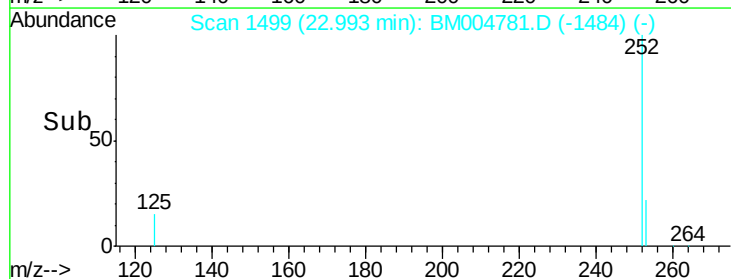
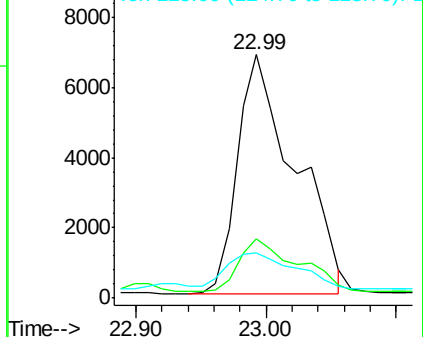
252 100

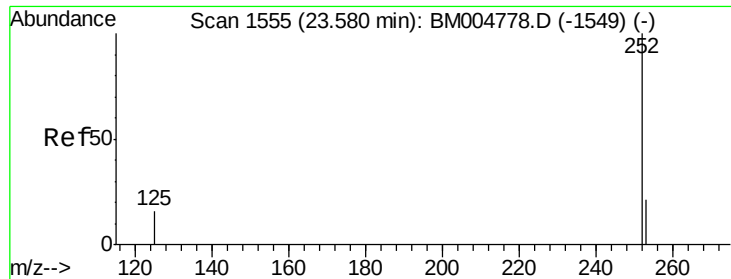
253 24.2 19.8 29.8

125 18.5 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/ul

RT: 23.48 min Scan# 1546

Delta R.T. -0.10 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

Instrument :

BNA_M

ClientSampleId :

A4T39

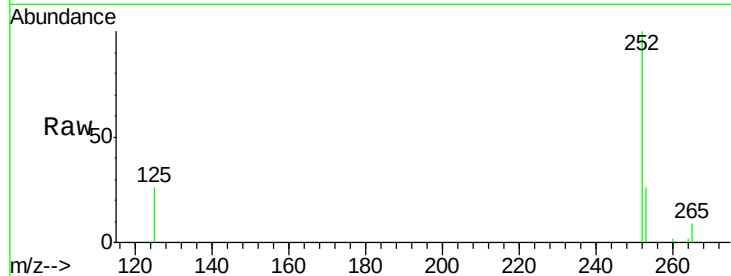
Tgt Ion: 252 Resp: 7834

Ion Ratio Lower Upper

252 100

253 25.6 19.4 29.2

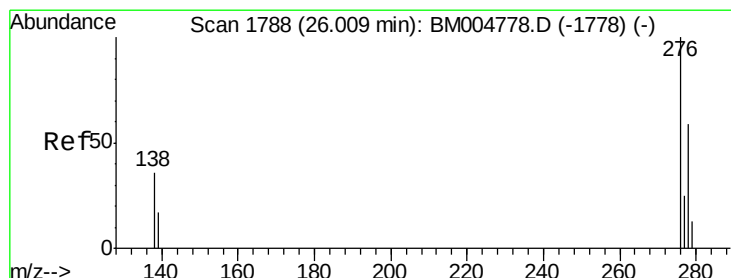
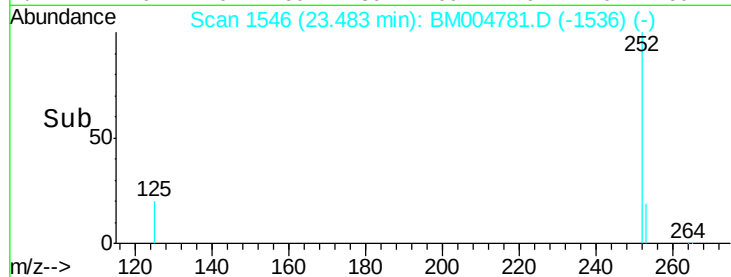
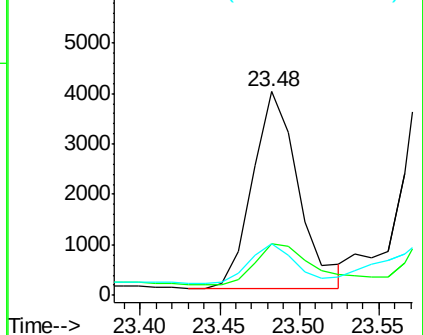
125 25.5 12.7 19.1#



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/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.25 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

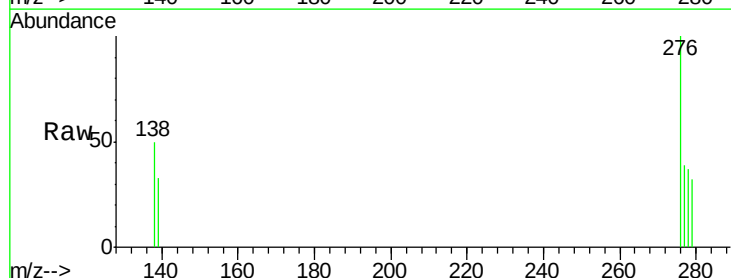
Tgt Ion: 276 Resp: 744

Ion Ratio Lower Upper

276 100

138 29.4 16.3 24.5#

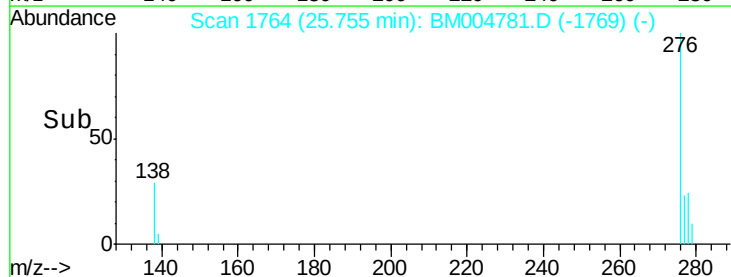
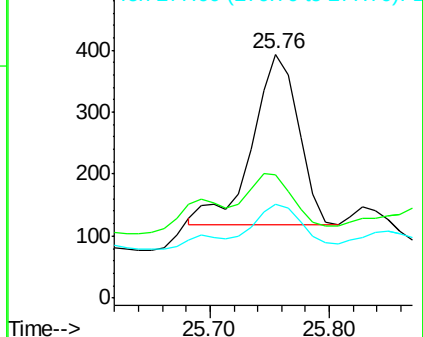
277 21.6 19.8 29.8

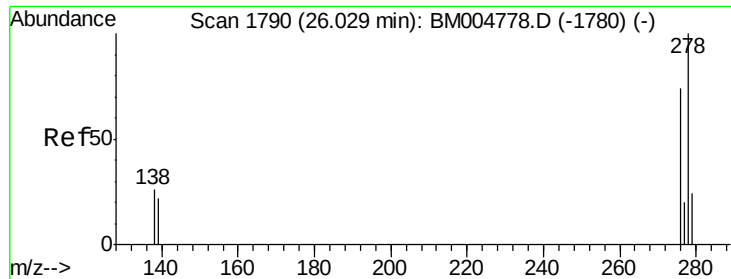


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.92 min Scan# 1780

Delta R.T. -0.11 min

Lab File: BM004781.D

Acq: 25 Mar 2016 17:16

Instrument :

BNA_M

ClientSampleId :

A4T39

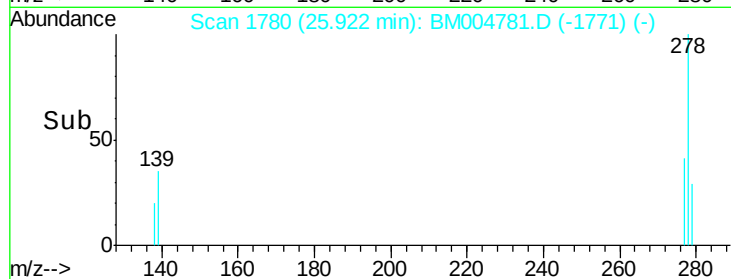
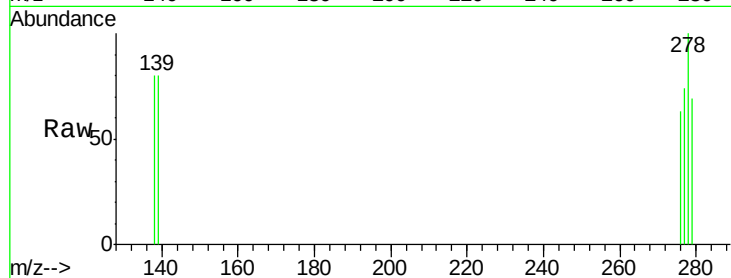
Tgt Ion: 278 Resp: 373

Ion Ratio Lower Upper

278 100

139 80.0 16.4 24.6#

279 69.2 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

