

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
 Data File : BM004794.D
 Acq On : 26 Mar 2016 01:46
 Operator : UM/SJ
 Sample : H1909-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T41

Quant Time: Apr 05 19:43:51 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

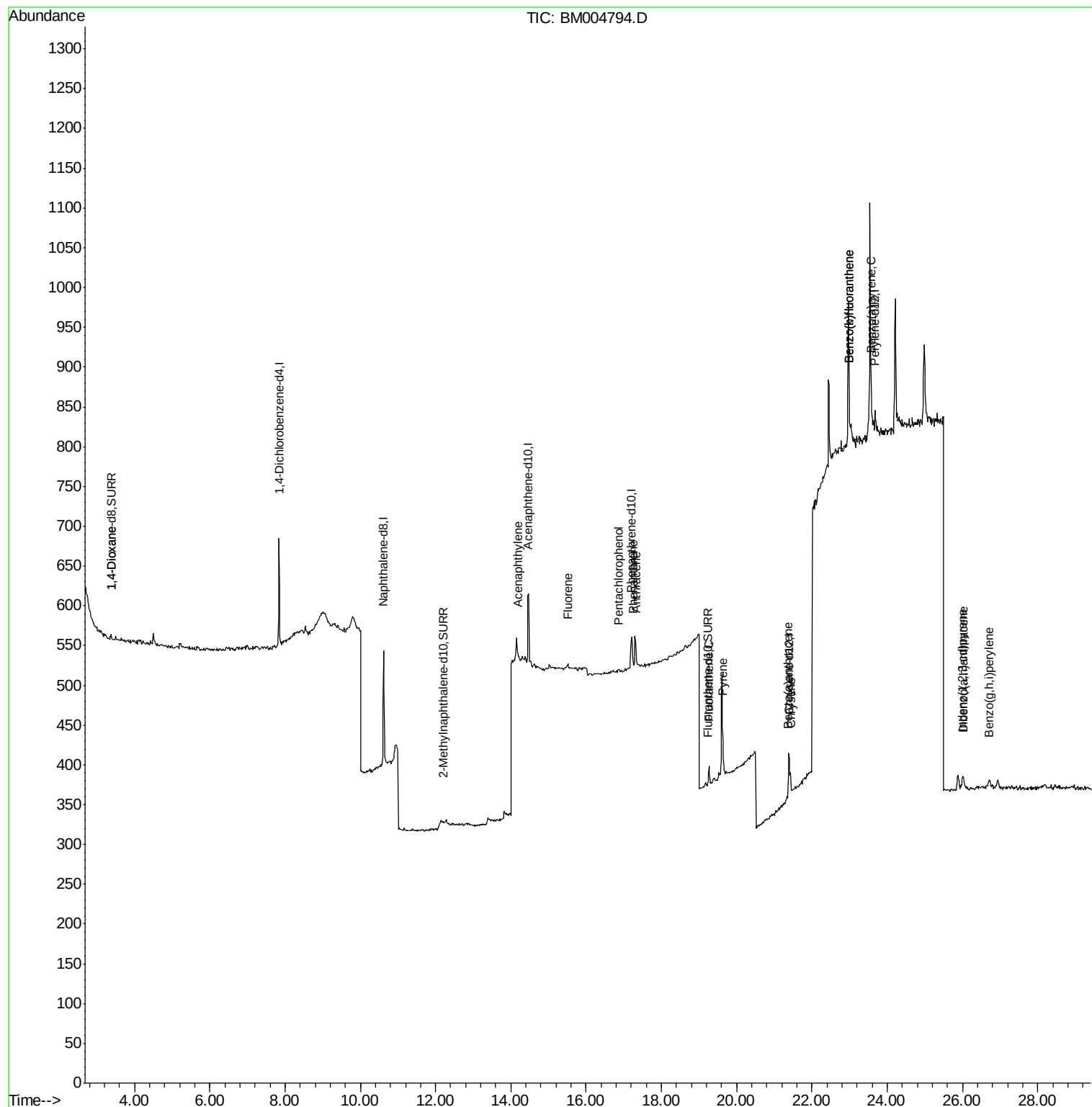
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	82	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	224	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	77	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	73	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	66	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	34	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.38	96	12	0.32	ng/uL	0.06
6) 2-Methylnaphthalene-d10	12.21	152	11	0.04	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	15	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.38	88	7	0.16	ng/ul#	73
9) Acenaphthylene	14.18	152	29	0.08	ng/ul#	1
11) Fluorene	15.51	166	6	0.02	ng/ul#	46
13) Pentachlorophenol	16.87	266	9	0.49	ng/ul#	60
14) Phenanthrene	17.24	178	17	0.08	ng/ul#	1
15) Anthracene	17.33	178	9	0.05	ng/ul#	1
17) Fluoranthene	19.27	202	30	0.13	ng/ul#	1
19) Pyrene	19.63	202	41	0.18	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	29	0.14	ng/ul#	1
21) Chrysene	21.43	228	26	0.13	ng/ul#	1
23) Benzo(b)fluoranthene	22.99	252	94	0.82	ng/ul#	1
24) Benzo(k)fluoranthene	22.99	252	94	0.89	ng/ul#	1
25) Benzo(a)pyrene	23.58	252	42	0.40	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	26.01	276	26	0.27	ng/ul#	21
27) Dibenzo(a,h)anthracene	26.02	278	16	0.21	ng/ul#	1
28) Benzo(a,h,i)perylene	26.71	276	22	0.27	ng/ul#	1

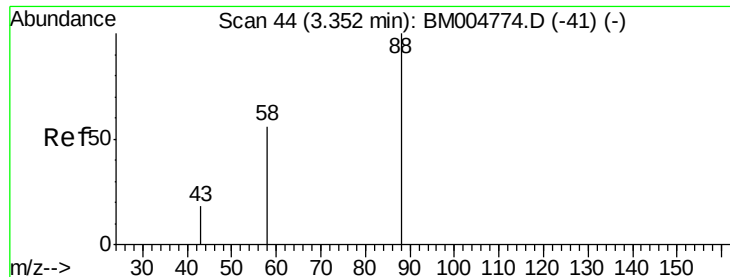
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
Data File : BM004794.D
Acq On : 26 Mar 2016 01:46
Operator : UM/SJ
Sample : H1909-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T41

Quant Time: Apr 05 19:43:51 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.16 ng/ul

RT: 3.38 min Scan# 46

Delta R.T. 0.03 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Instrument :

BNA_M

ClientSampleId :

A4T41

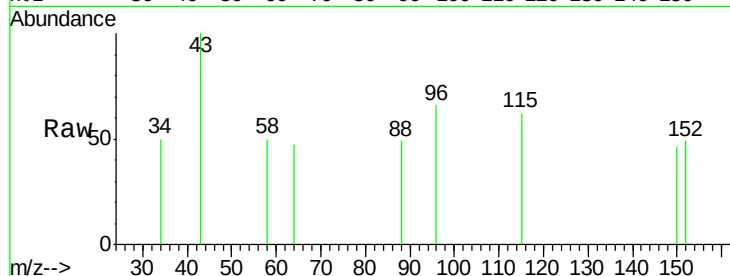
Tot Ion: 88 Resp: 7

Ion Ratio Lower Upper

88 100

58 0.0 8.0 12.0#

43 0.0 8.0 12.0#



Abundance Ion 88.00 (87.70 to 88.70): BM004774.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BM004774.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BM004774.D (-41) (-)

150

100

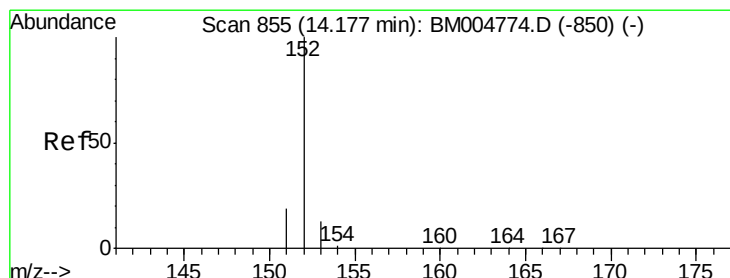
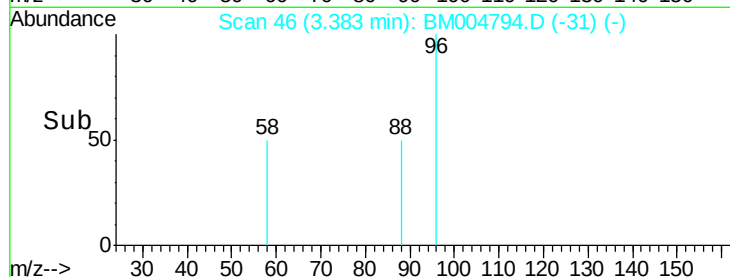
50

0

3.38

3.35 3.40 3.45

Time-->



#9

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

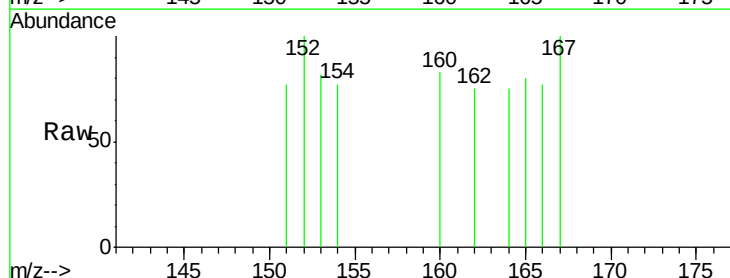
Tgt Ion: 152 Resp: 29

Ion Ratio Lower Upper

152 100

151 76.9 17.6 26.4#

153 81.5 9.7 14.5#



Abundance Ion 152.00 (151.70 to 152.70): BM004774.D (-850) (-)

Ion 151.00 (150.70 to 151.70): BM004774.D (-850) (-)

Ion 153.00 (152.70 to 153.70): BM004774.D (-850) (-)

80

60

40

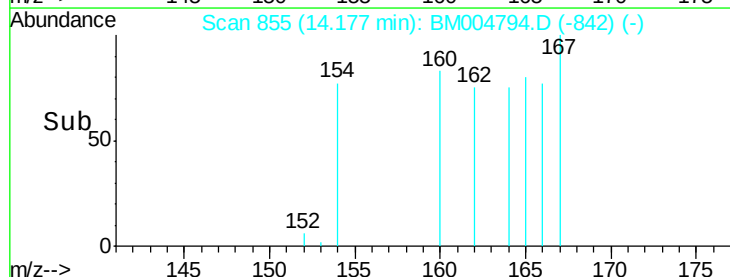
20

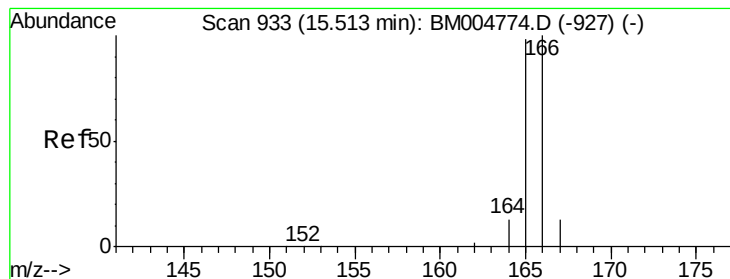
0

14.18

14.00 14.20

Time-->





#11

Fluorene

Concen: 0.02 ng/ul

RT: 15.51 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Instrument :

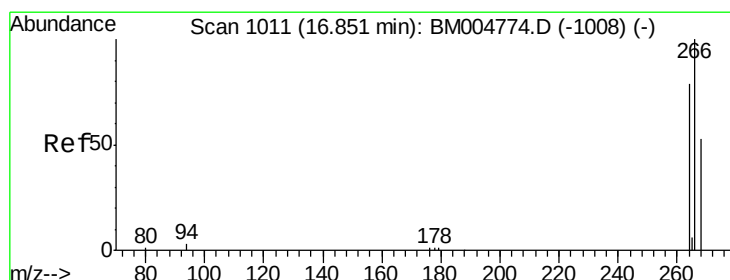
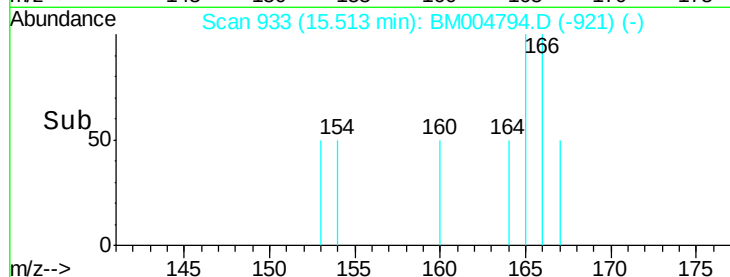
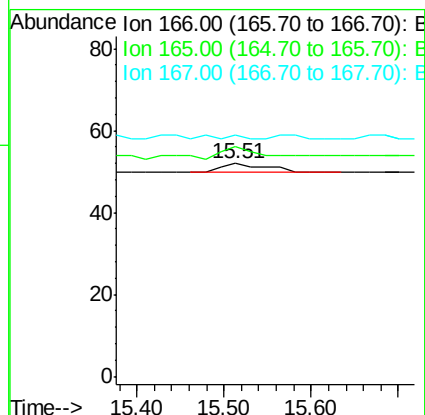
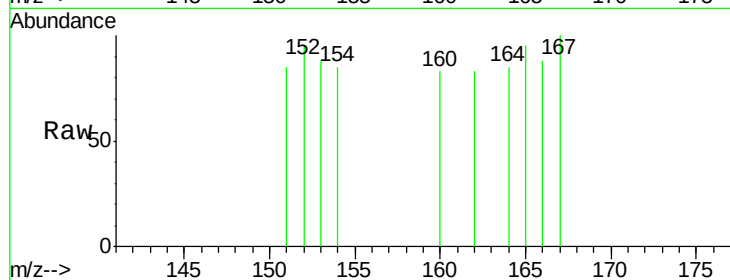
BNA_M

ClientSampleId :

A4T41

Tot Ion:166 Resp: 6

Ion	Ratio	Lower	Upper
166	100		
165	107.7	69.6	104.4#
167	113.5	11.9	17.9#



#13

Pentachlorophenol

Concen: 0.49 ng/ul

RT: 16.87 min Scan# 1012

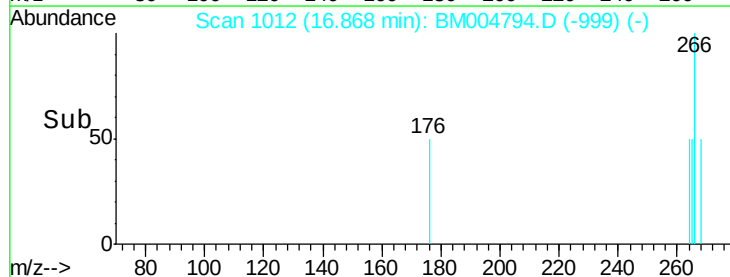
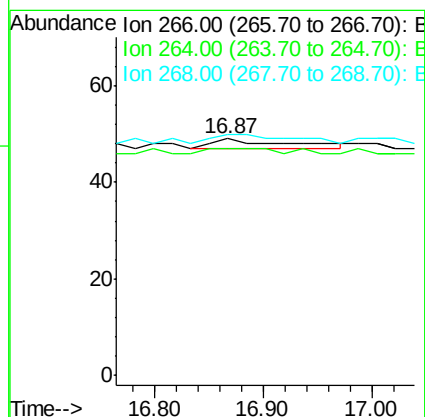
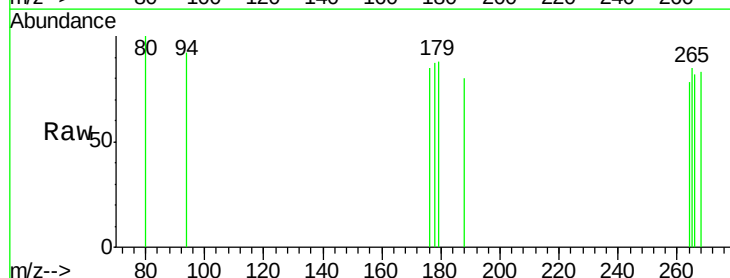
Delta R.T. 0.02 min

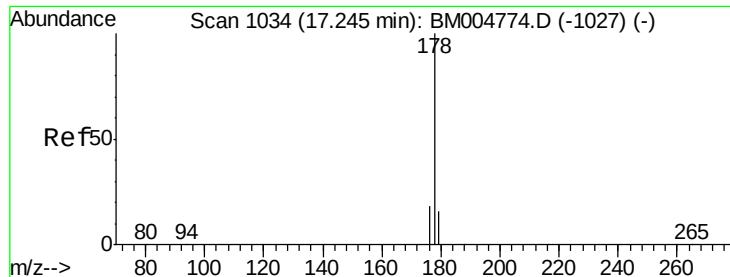
Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	55.6	51.8	77.8
268	111.1	46.8	70.2#





#14

Phenanthrene

Concen: 0.08 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Instrument :

BNA_M

ClientSampleId :

A4T41

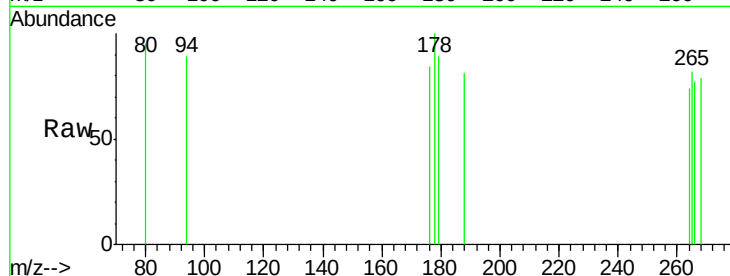
Tot Ion:178 Resp: 17

Ion Ratio Lower Upper

178 100

176 83.9 13.0 19.4#

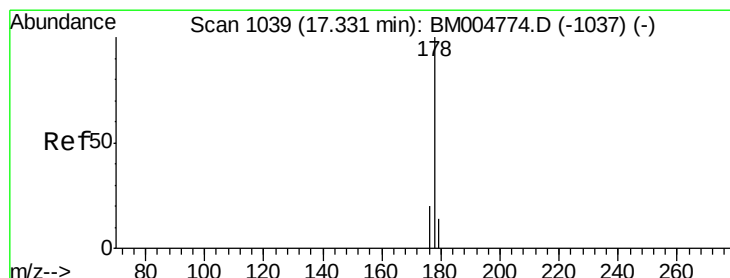
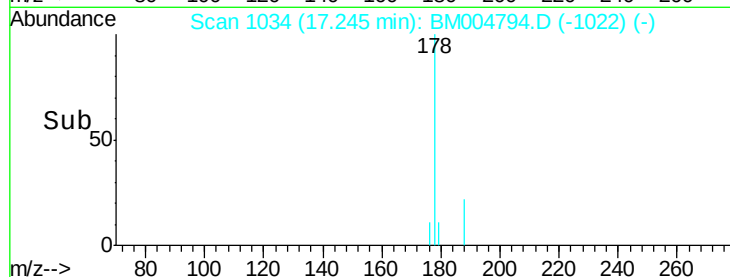
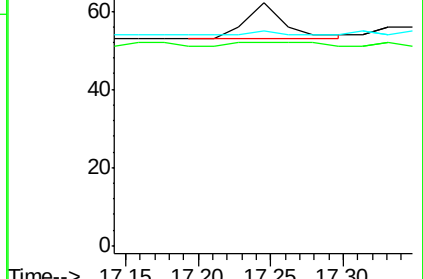
179 88.7 14.2 21.2#



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: 0.05 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

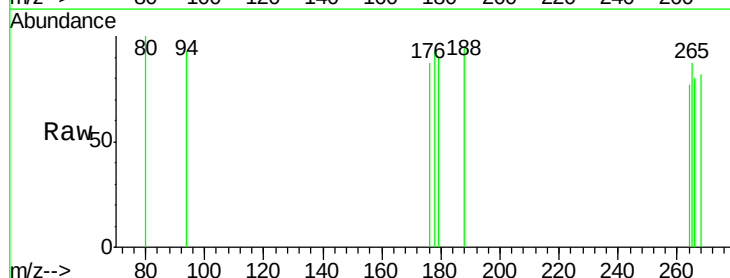
Tgt Ion:178 Resp: 9

Ion Ratio Lower Upper

178 100

176 92.9 14.0 21.0#

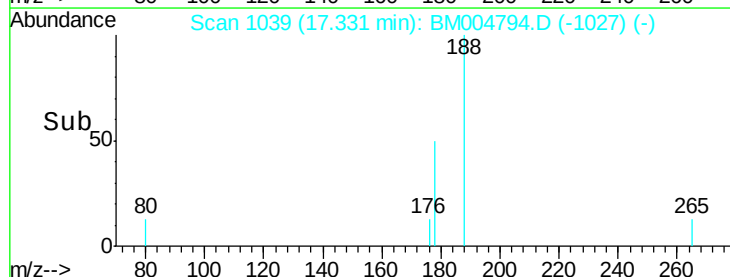
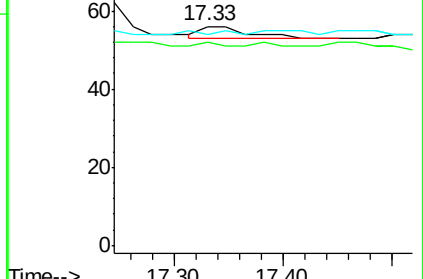
179 96.4 12.9 19.3#

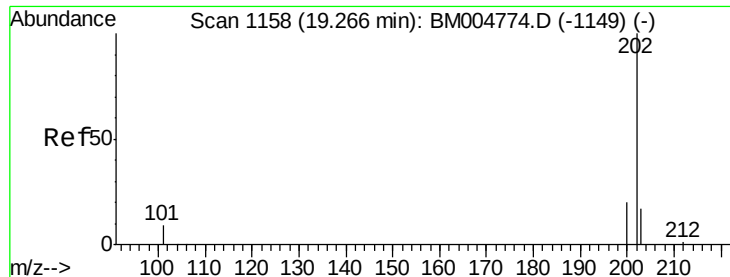


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.13 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Instrument :

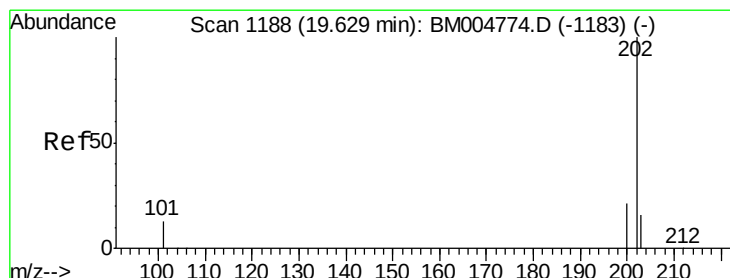
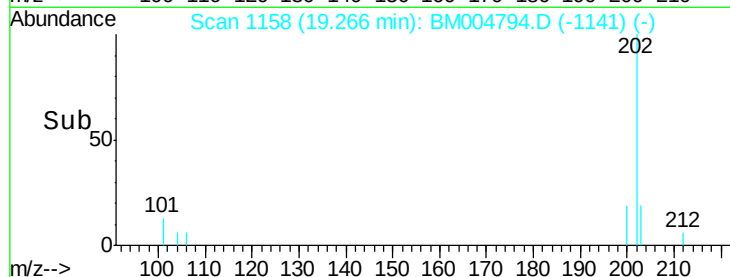
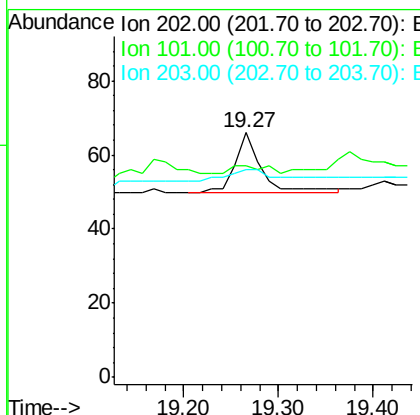
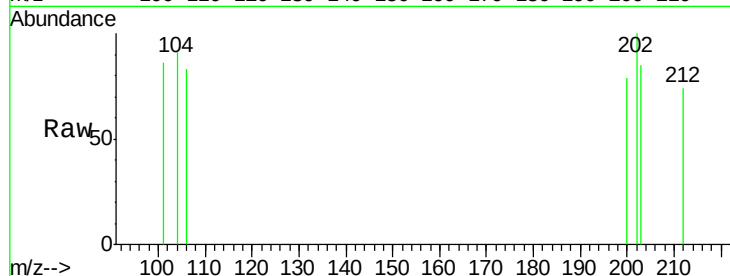
BNA_M

ClientSampleId :

A4T41

Tot Ion:202 Resp: 30

Ion	Ratio	Lower	Upper
202	100		
101	86.4	0.0	29.6#
203	84.8	0.0	36.3#



#19

Pyrene

Concen: 0.18 ng/ul

RT: 19.63 min Scan# 1188

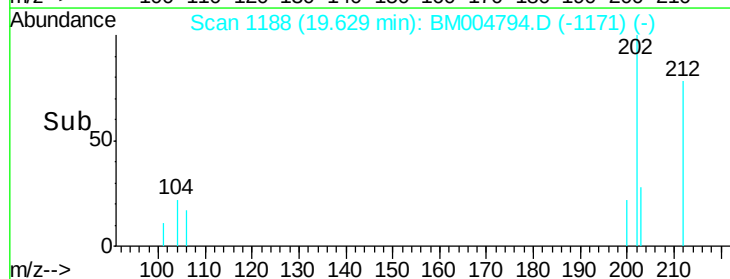
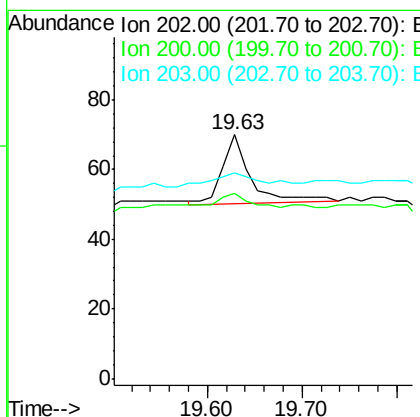
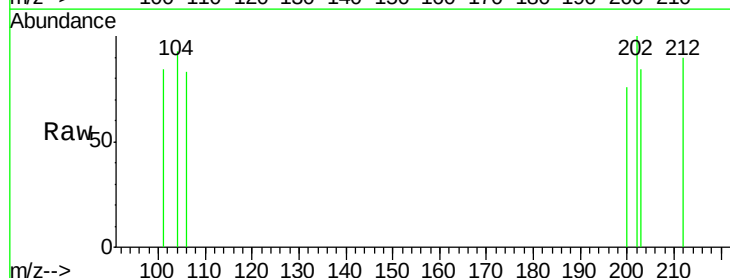
Delta R.T. -0.00 min

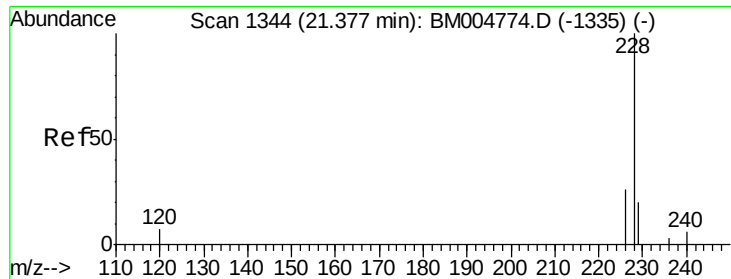
Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Tgt Ion:202 Resp: 41

Ion	Ratio	Lower	Upper
202	100		
200	75.7	17.8	26.8#
203	84.3	12.8	19.2#





#20

Benzo(a)anthracene

Concen: 0.14 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Instrument :

BNA_M

ClientSampleId :

A4T41

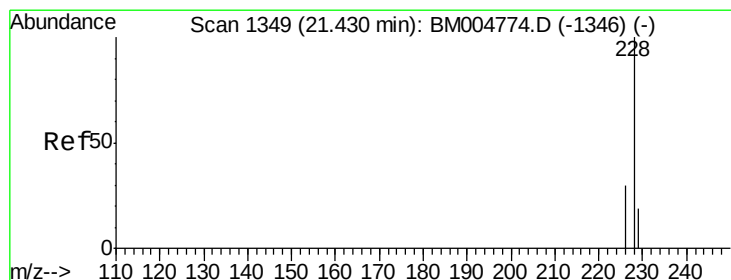
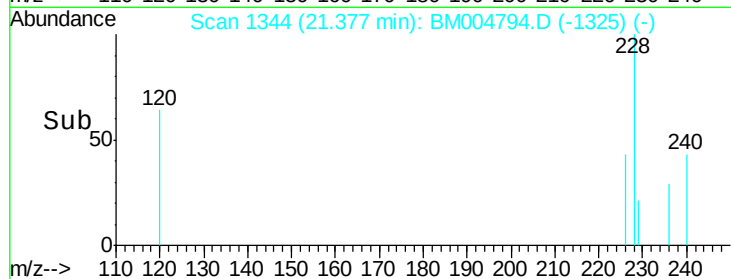
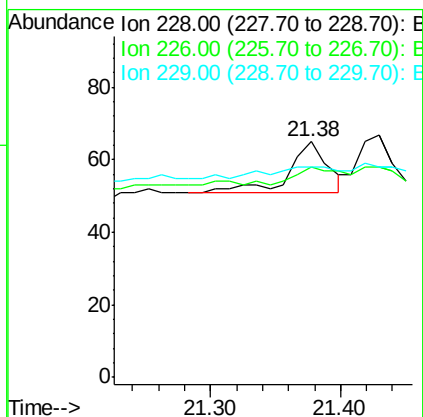
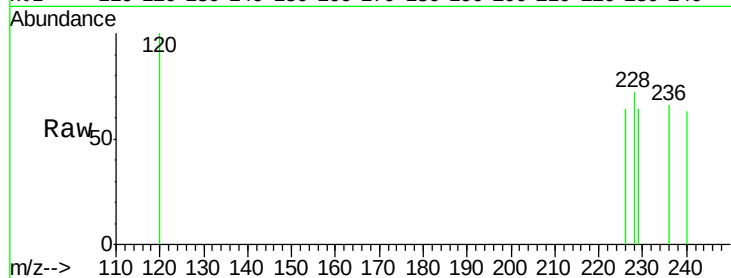
Tot Ion:228 Resp: 29

Ion Ratio Lower Upper

228 100

226 89.2 18.8 28.2#

229 89.2 17.1 25.7#



#21

Chrysene

Concen: 0.13 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

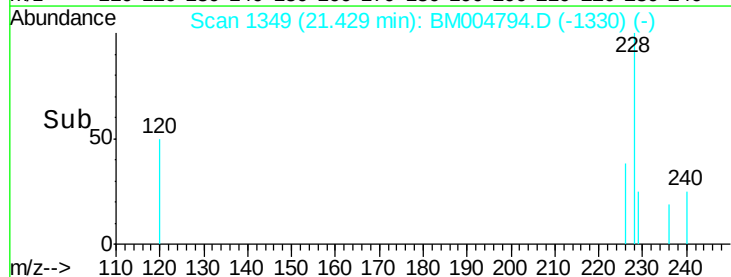
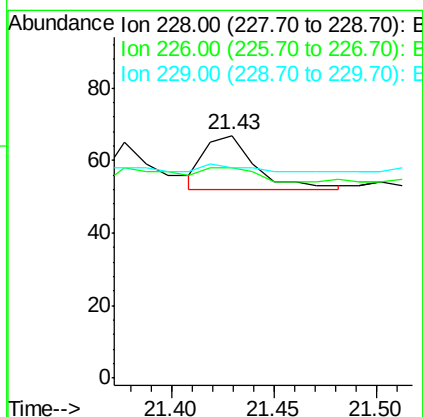
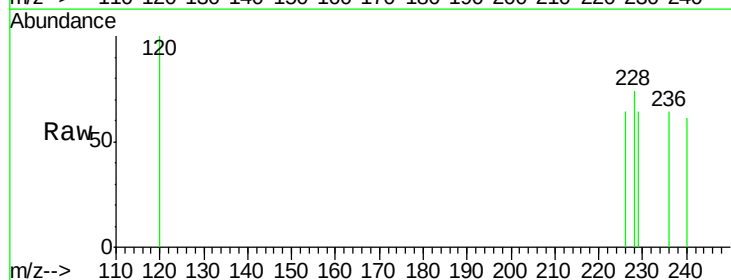
Tgt Ion:228 Resp: 26

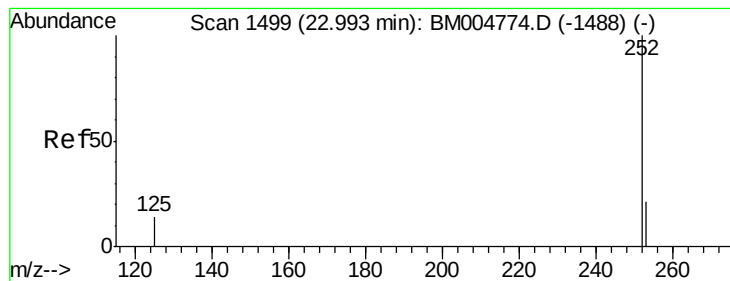
Ion Ratio Lower Upper

228 100

226 86.6 21.2 31.8#

229 86.6 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.82 ng/ul

RT: 22.99 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Instrument :

BNA_M

ClientSampleId :

A4T41

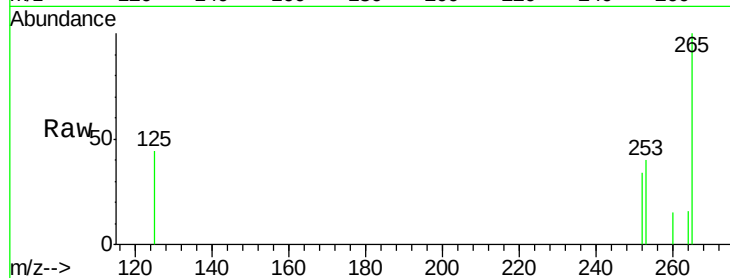
Tot Ion:252 Resp: 94

Ion Ratio Lower Upper

252 100

253 120.2 0.0 45.4#

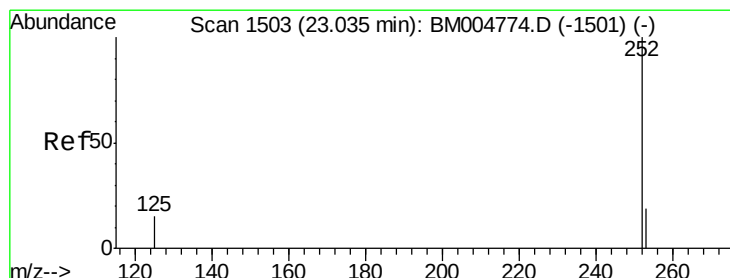
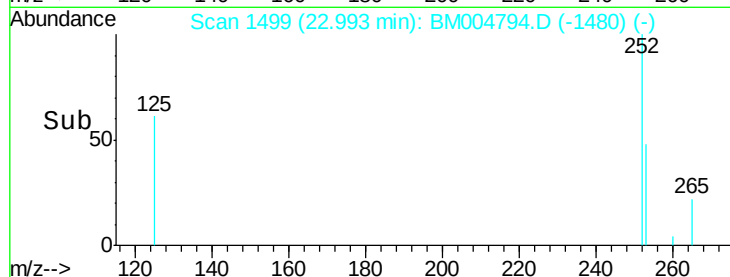
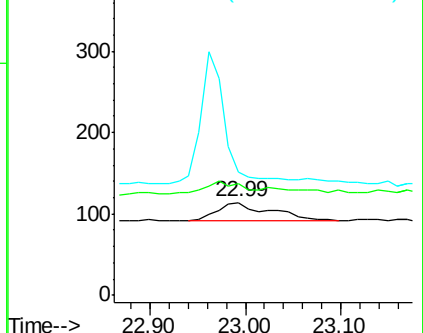
125 132.5 0.0 28.8#



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: 0.89 ng/ul

RT: 22.99 min Scan# 1499

Delta R.T. -0.04 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

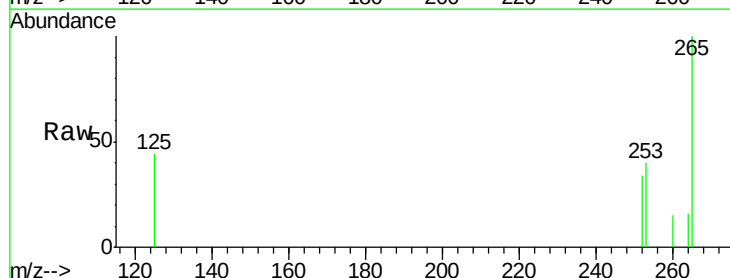
Tgt Ion:252 Resp: 94

Ion Ratio Lower Upper

252 100

253 120.2 19.8 29.8#

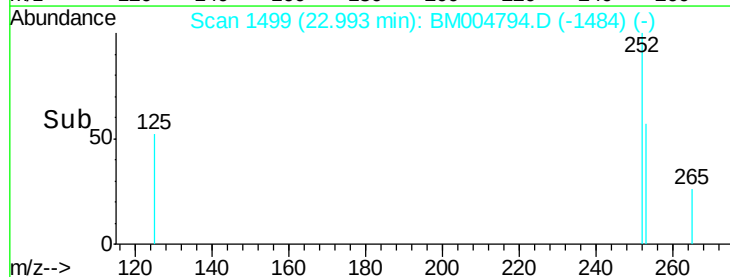
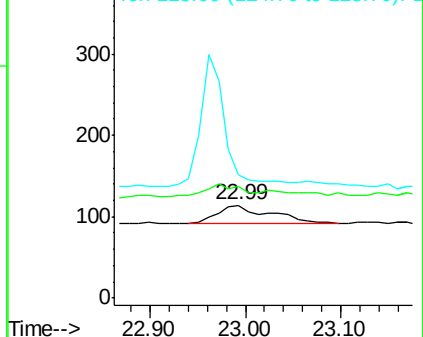
125 132.5 10.4 15.6#

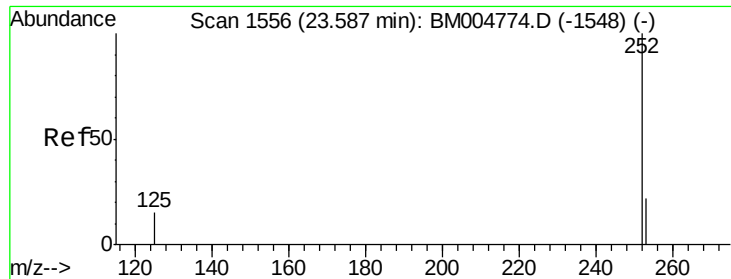


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.58 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Instrument :

BNA_M

ClientSampled :

A4T41

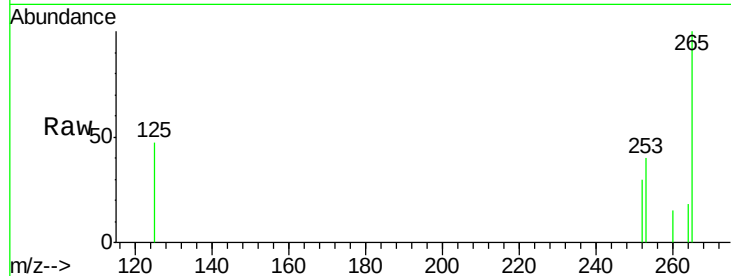
Tot Ion:252 Resp: 42

Ion Ratio Lower Upper

252 100

253 133.0 19.4 29.2#

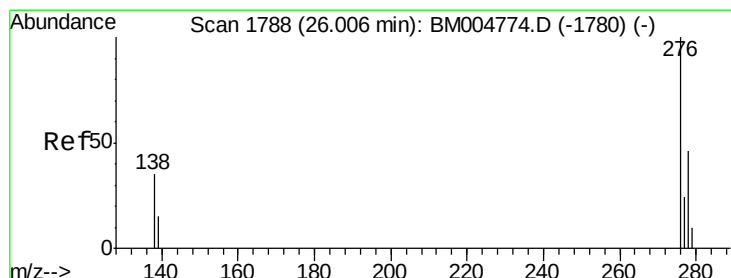
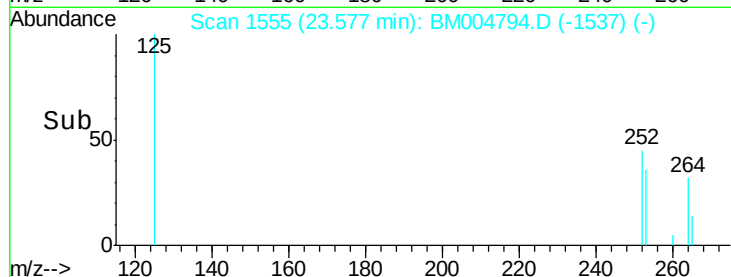
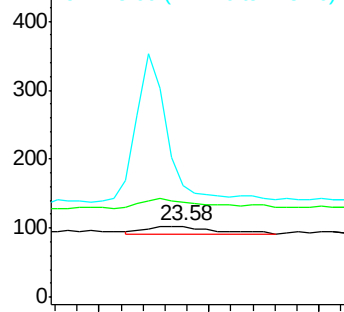
125 157.3 12.7 19.1#



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: 0.27 ng/ul

RT: 26.01 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

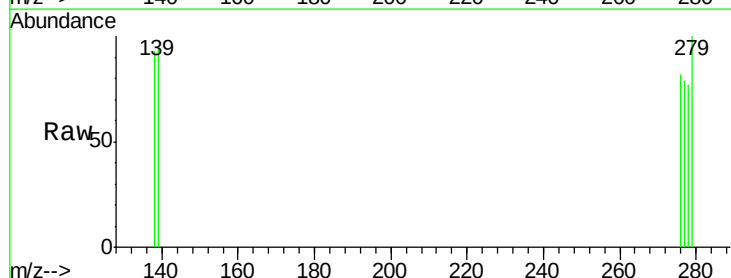
Tgt Ion:276 Resp: 26

Ion Ratio Lower Upper

276 100

138 73.1 16.3 24.5#

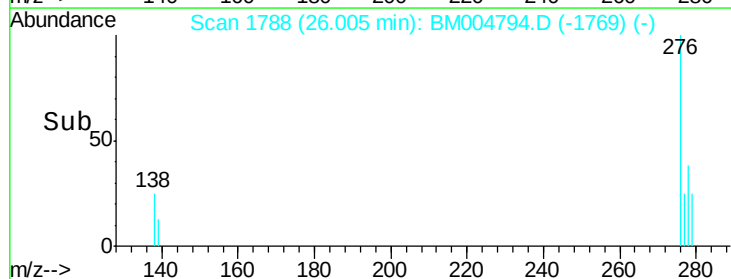
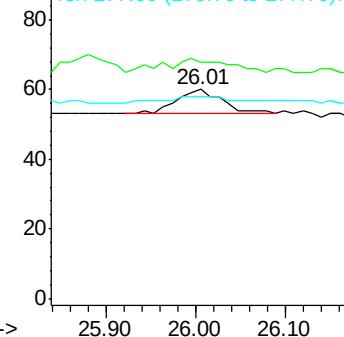
277 0.0 19.8 29.8#

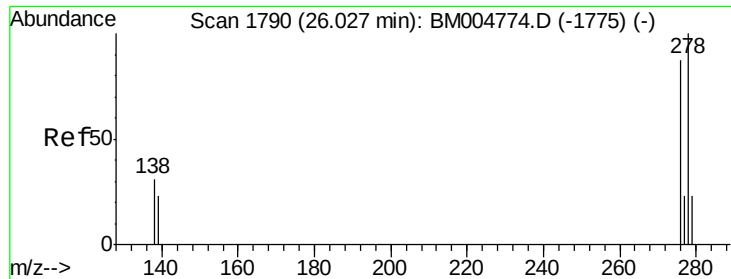


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.21 ng/ul

RT: 26.02 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Instrument :

BNA_M

ClientSampleId :

A4T41

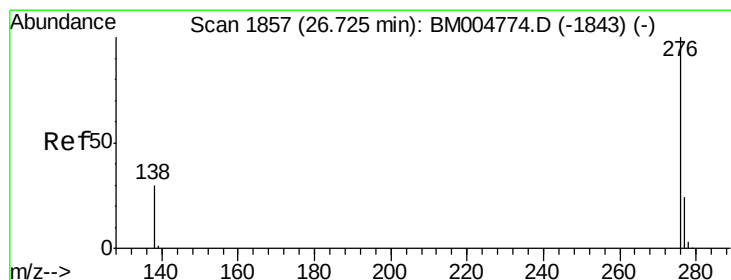
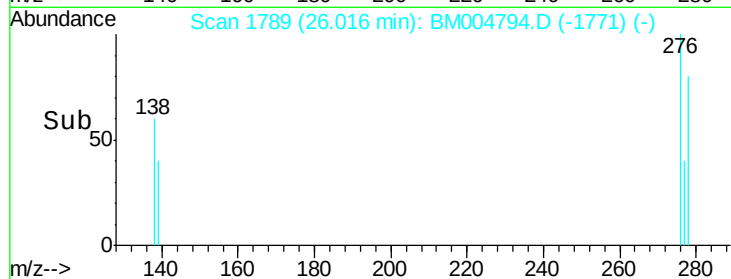
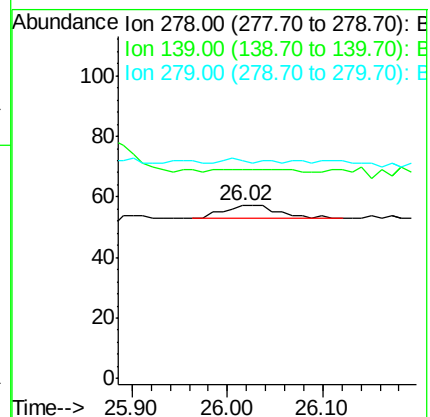
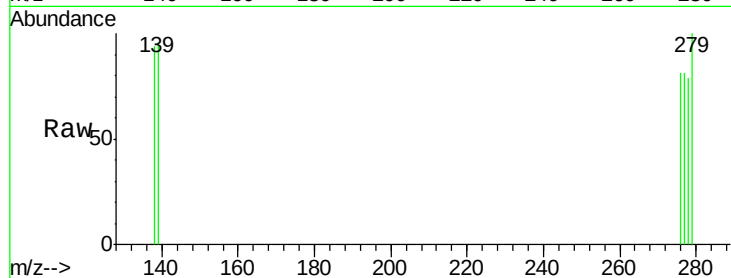
Tot Ion:278 Resp: 16

Ion Ratio Lower Upper

278 100

139 121.1 16.4 24.6#

279 126.3 20.2 30.2#



#28

Benzo(g,h,i)perylene

Concen: 0.27 ng/ul

RT: 26.71 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM004794.D

Acq: 26 Mar 2016 01:46

Tgt Ion:276 Resp: 22

Ion Ratio Lower Upper

276 100

277 98.3 18.9 28.3#

138 113.6 22.5 33.7#

