

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004797.D
 Acq On : 26 Mar 2016 03:34
 Operator : UM/SJ
 Sample : H1909-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T50

Quant Time: Mar 26 05:40:57 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 05:39:18 2016
 Response via : Initial Calibration

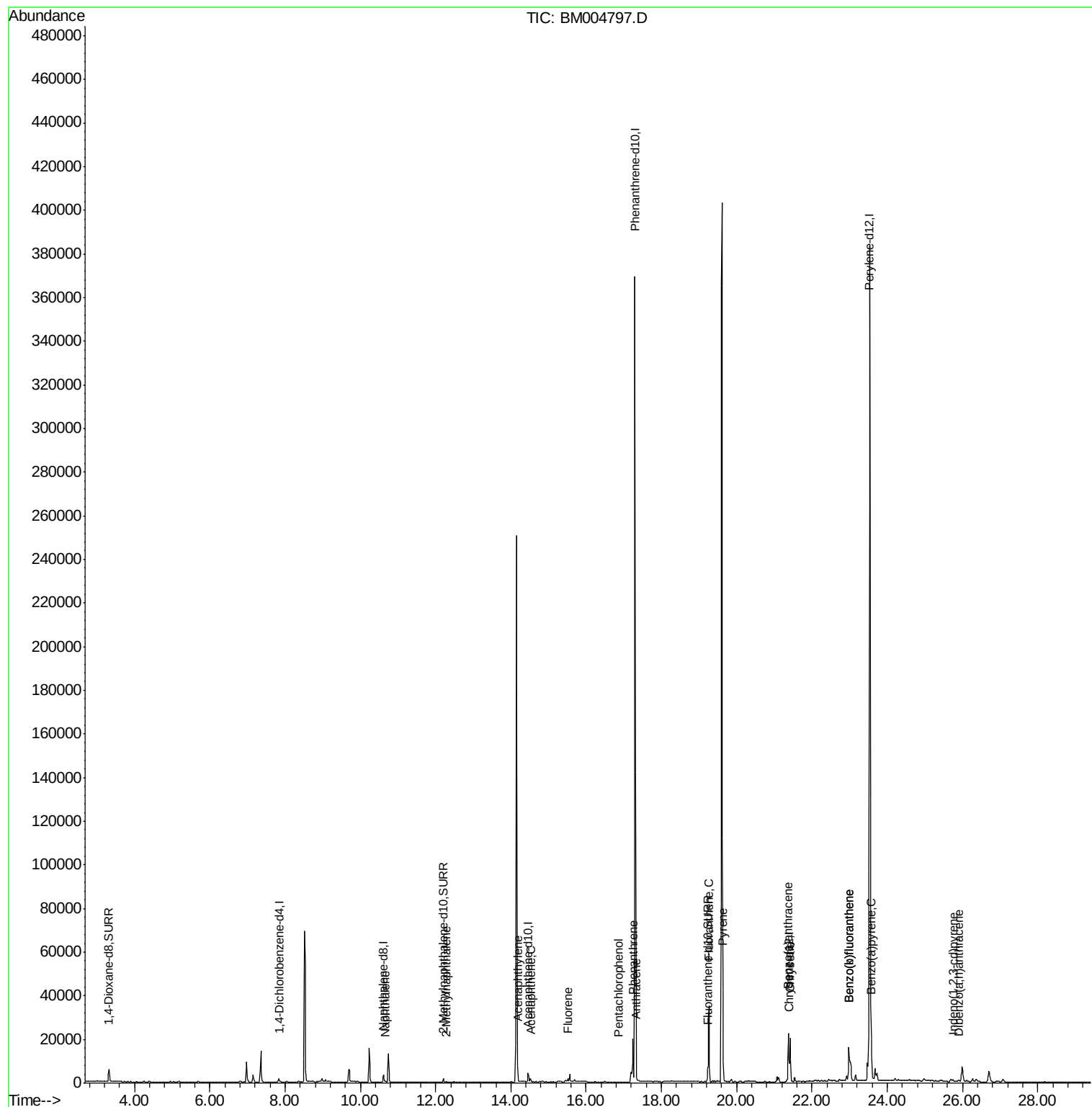
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1014	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4890	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3028	5.00	ng/ul	-0.02
12) Phenanthrene-d10	17.30	188	460003	5.00	ng/ul	0.09
18) Chrysene-d12	21.39	240	7079	5.00	ng/ul	0.00
22) Perylene-d12	23.53	264	524897	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5443	11.91	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.20	152	2617	0.38	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	6506	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.67	128	674	0.06	ng/ul#	70
7) 2-Methylnaphthalene	12.28	142	250	0.03	ng/ul	99
9) Acenaphthylene	14.18	152	1141	0.08	ng/ul#	89
10) Acenaphthene	14.52	153	919	0.09	ng/ul#	89
11) Fluorene	15.51	166	1114	0.09	ng/ul#	88
13) Pentachlorophenol	16.85	266	51	0.00	ng/ul#	83
14) Phenanthrene	17.24	178	23170	0.02	ng/ul	97
15) Anthracene	17.33	178	5323	0.00	ng/ul	96
17) Fluoranthene	19.27	202	36739	0.02	ng/ul	93
19) Pyrene	19.63	202	36272	1.50	ng/ul	95
20) Benzo(a)anthracene	21.37	228	19281	0.89	ng/ul#	93
21) Chrysene	21.42	228	19242	0.92	ng/ul	95
23) Benzo(b)fluoranthene	22.98	252	18550	0.01	ng/ul	94
24) Benzo(k)fluoranthene	22.98	252	33229	0.02	ng/ul#	93
25) Benzo(a)pyrene	23.58	252	14090	0.01	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.74	276	1485	0.00	ng/ul	96
27) Dibenzo(a,h)anthracene	25.90	278	776	0.00	ng/ul#	12

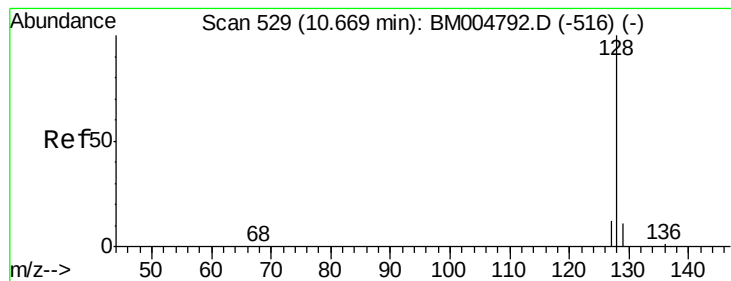
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.06 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

Instrument :

BNA_M

ClientSampleId :

A4T50

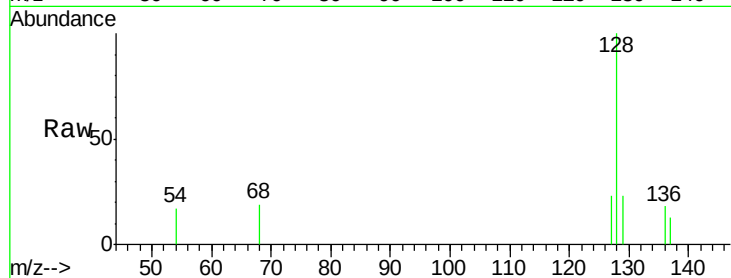
Tgt Ion:128 Resp: 674

Ion Ratio Lower Upper

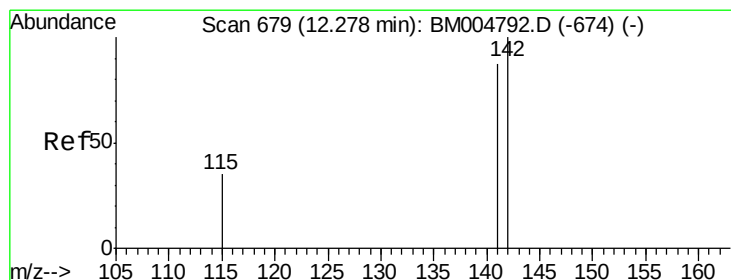
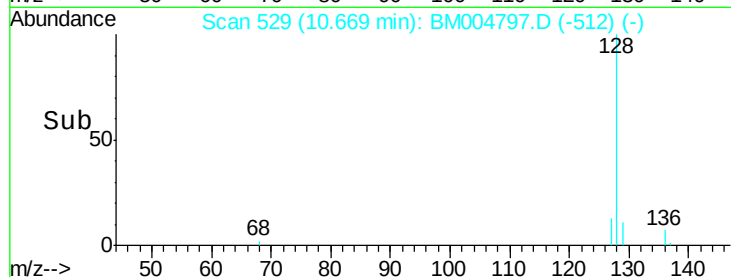
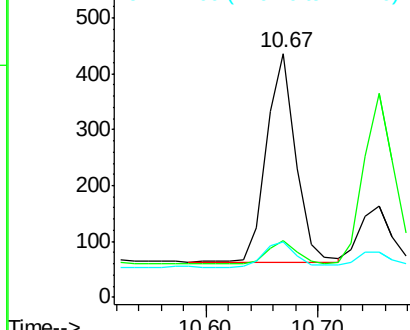
128 100

129 23.4 9.0 13.6#

127 22.9 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: BM004797.D

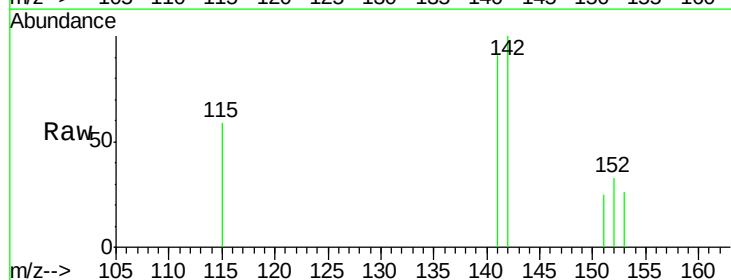
Acq: 26 Mar 2016 03:34

Tgt Ion:142 Resp: 250

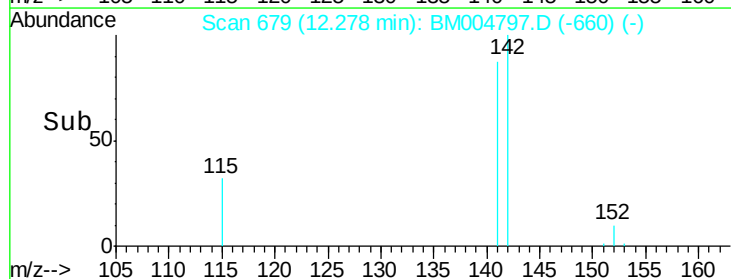
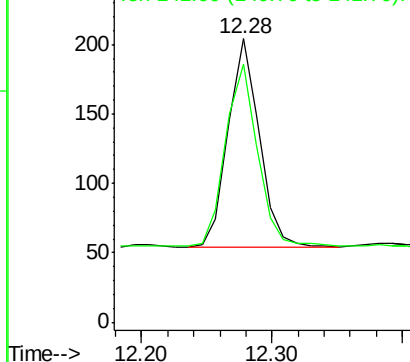
Ion Ratio Lower Upper

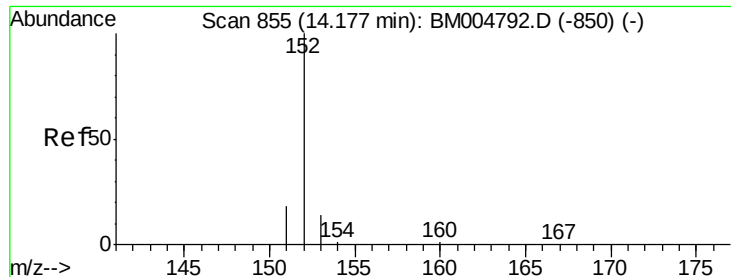
142 100

141 89.2 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: 0.08 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

Instrument :

BNA_M

ClientSampleId :

A4T50

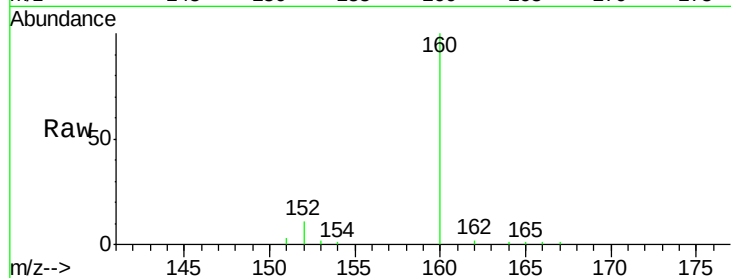
Tgt Ion:152 Resp: 1141

Ion Ratio Lower Upper

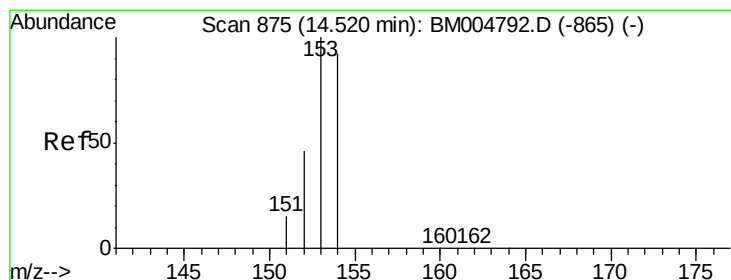
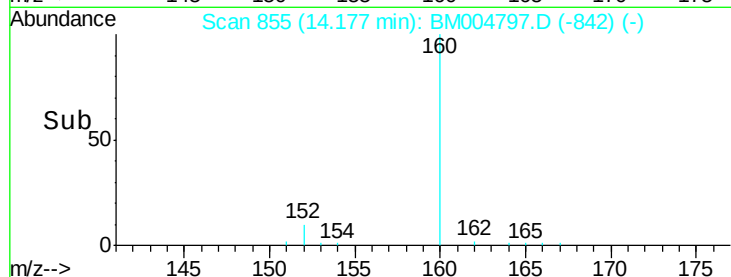
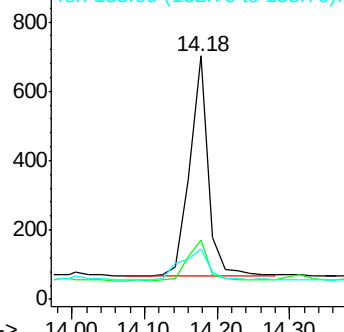
152 100

151 24.5 17.6 26.4

153 20.8 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: 0.09 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

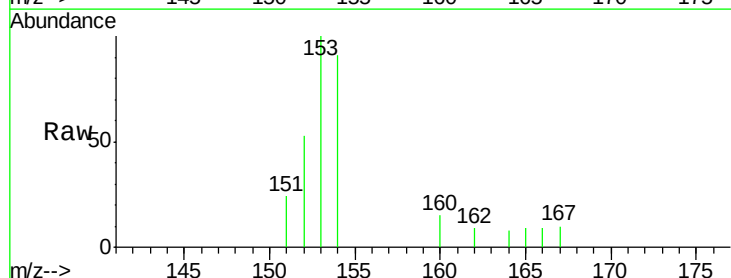
Tgt Ion:153 Resp: 919

Ion Ratio Lower Upper

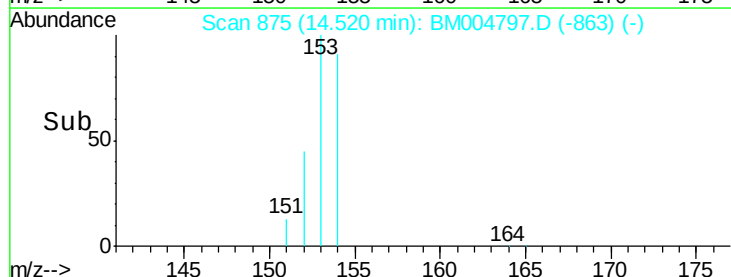
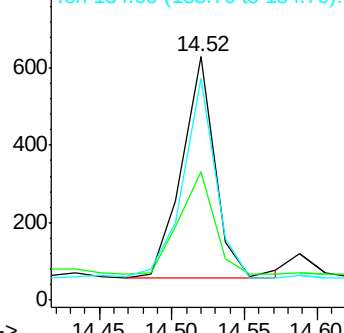
153 100

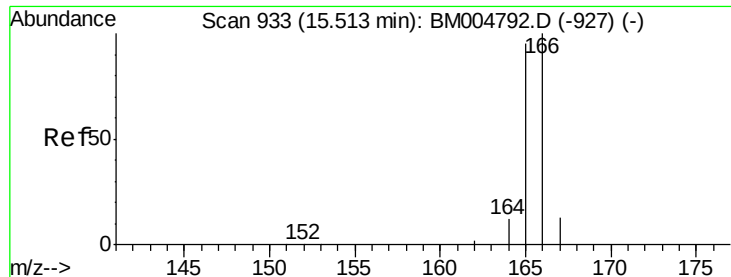
152 52.6 33.9 50.9#

154 91.4 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

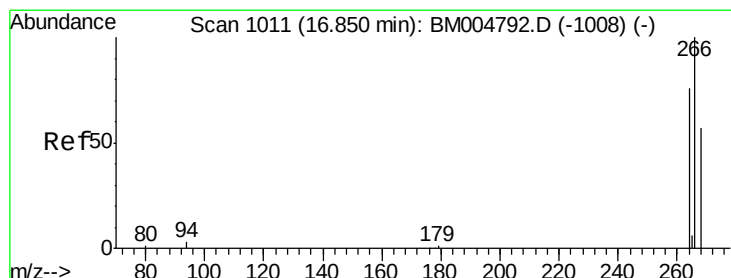
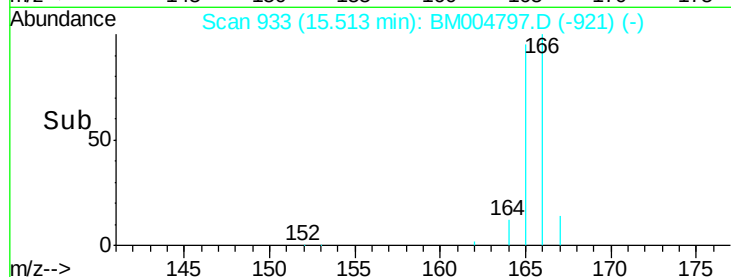
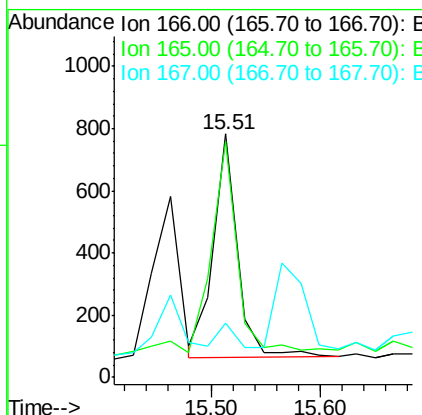
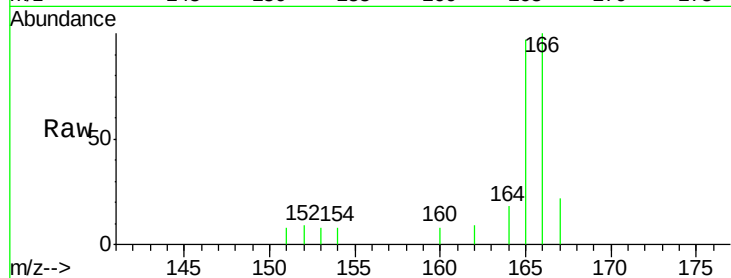




#11
Fluorene
Concen: 0.09 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

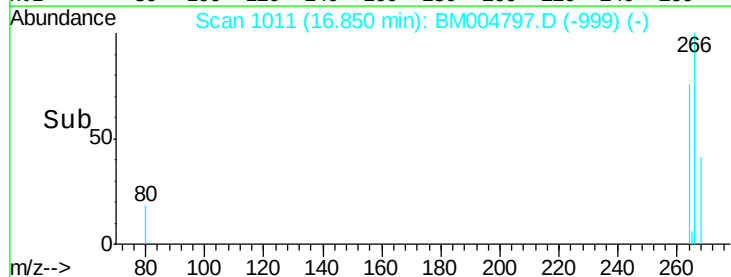
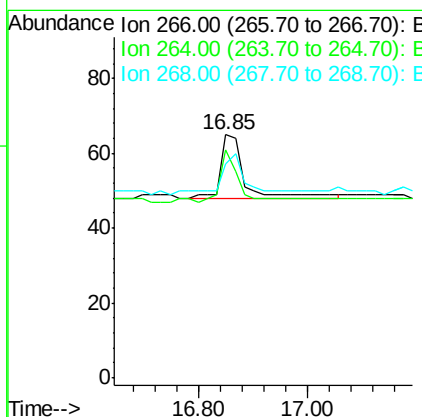
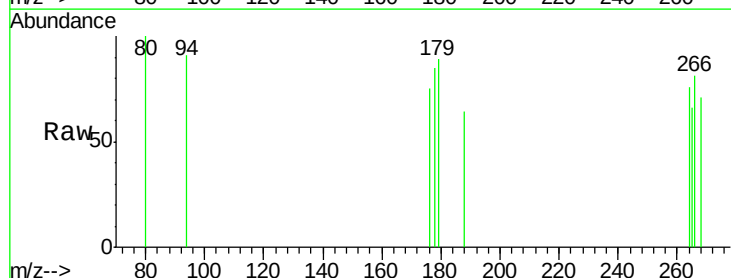
Instrument :
BNA_M
ClientSampleId :
A4T50

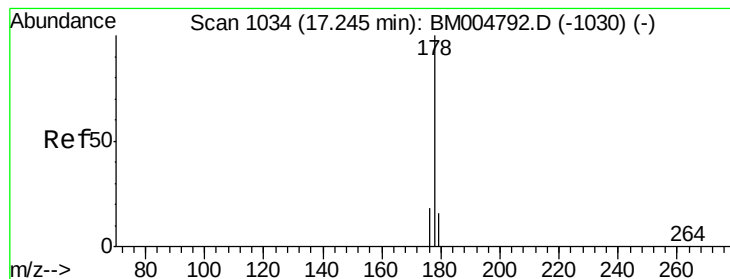
Tgt Ion:166 Resp: 1114
Ion Ratio Lower Upper
166 100
165 96.7 69.6 104.4
167 22.3 11.9 17.9#



#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.85 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:266 Resp: 51
Ion Ratio Lower Upper
266 100
264 74.5 51.8 77.8
268 41.2 46.8 70.2#





#14

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

Instrument :

BNA_M

ClientSampleId :

A4T50

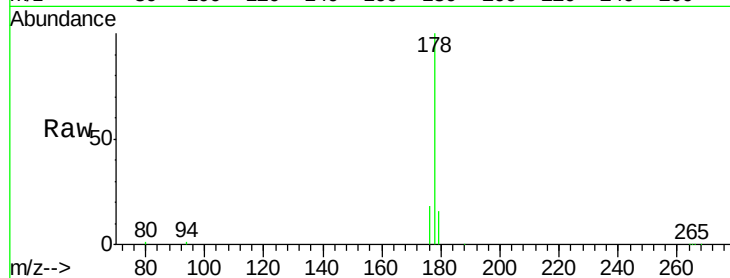
Tgt Ion:178 Resp: 23170

Ion Ratio Lower Upper

178 100

176 17.8 13.0 19.4

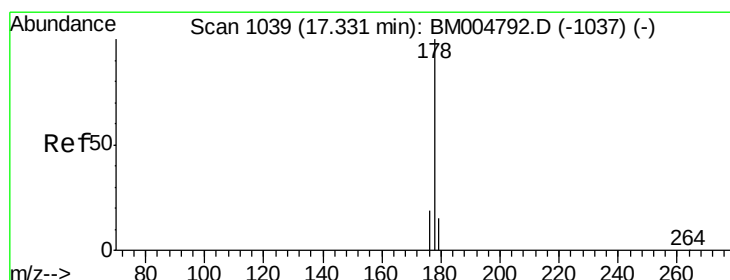
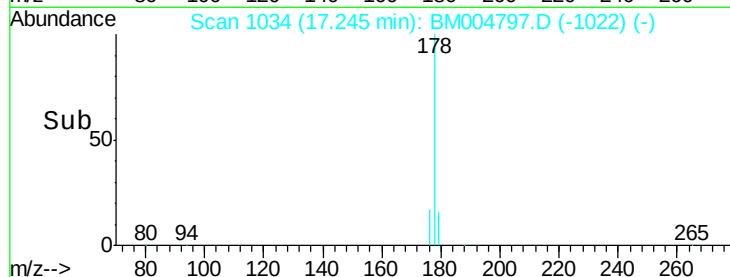
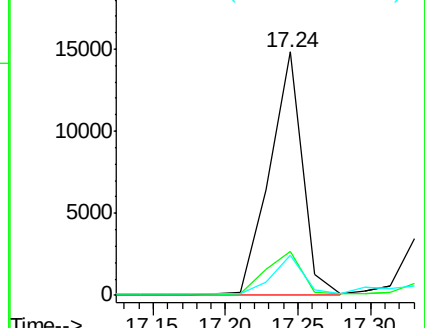
179 16.5 14.2 21.2



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: BM004797.D

Acq: 26 Mar 2016 03:34

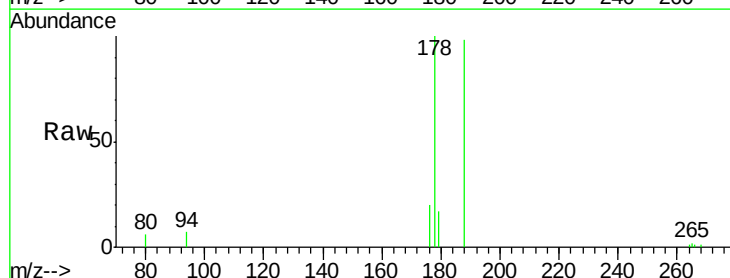
Tgt Ion:178 Resp: 5323

Ion Ratio Lower Upper

178 100

176 19.9 14.0 21.0

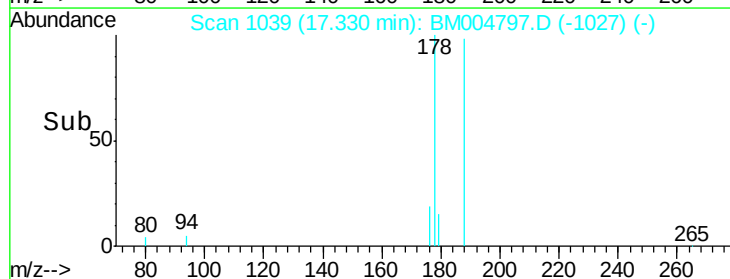
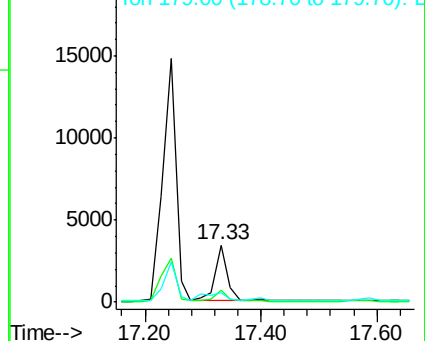
179 16.7 12.9 19.3

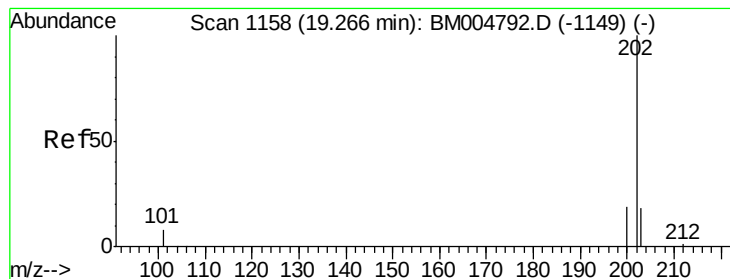


Abundance Ion 178.00 (177.70 to 178.70): E

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. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

Instrument :

BNA_M

ClientSampleId :

A4T50

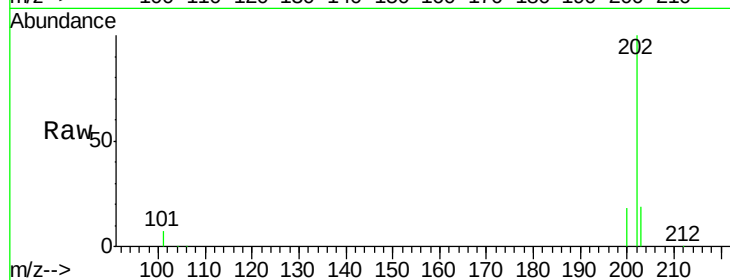
Tgt Ion:202 Resp: 36739

Ion Ratio Lower Upper

202 100

101 6.9 0.0 29.6

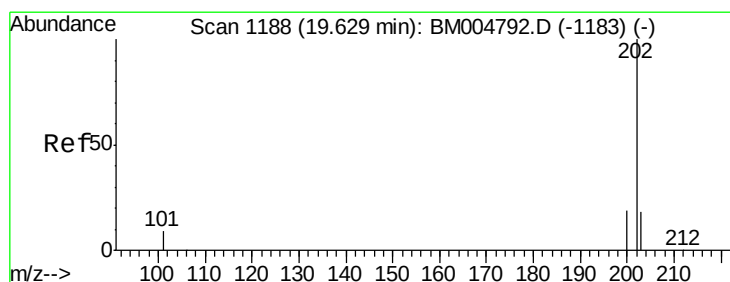
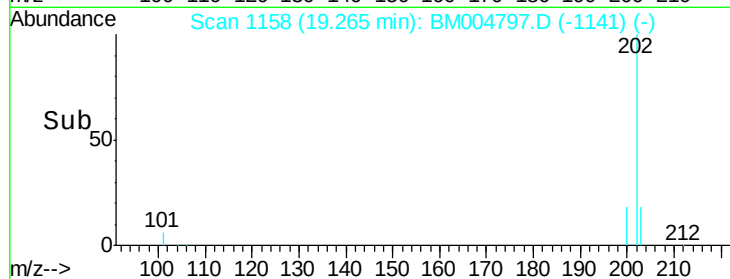
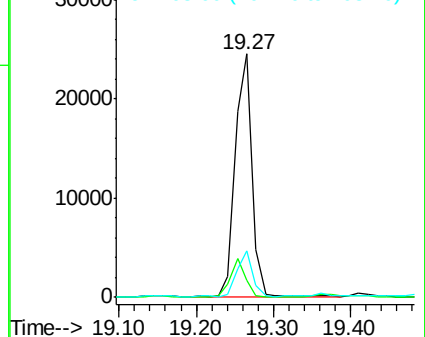
203 19.0 0.0 36.3



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: 1.50 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

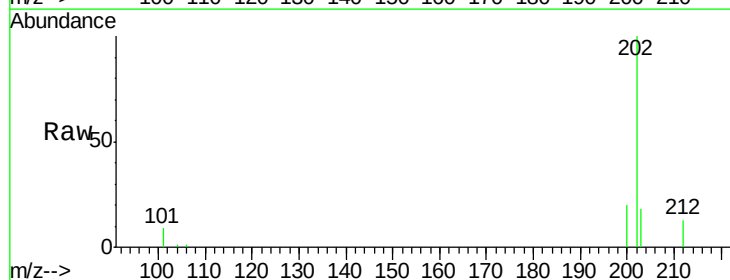
Tgt Ion:202 Resp: 36272

Ion Ratio Lower Upper

202 100

200 19.7 17.8 26.8

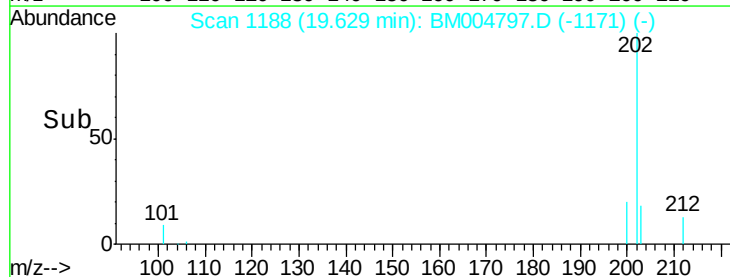
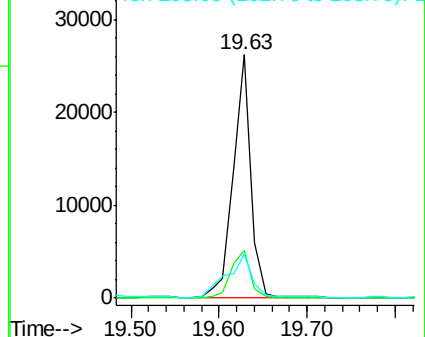
203 18.3 12.8 19.2

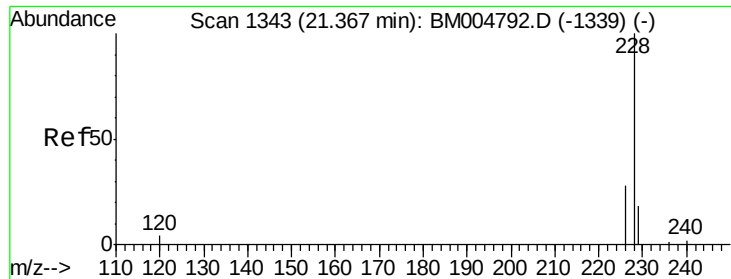


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.89 ng/ul

RT: 21.37 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

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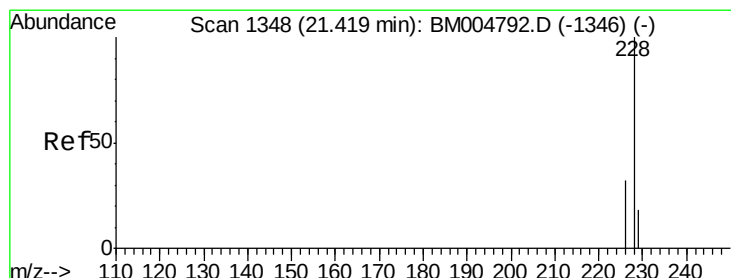
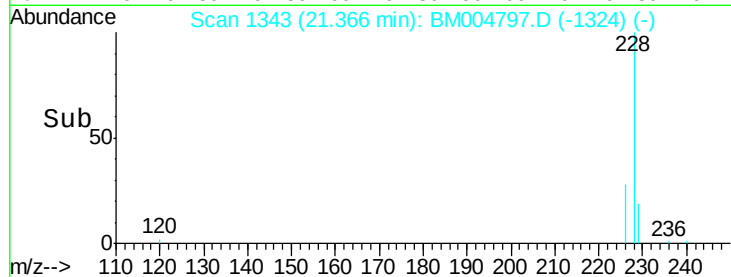
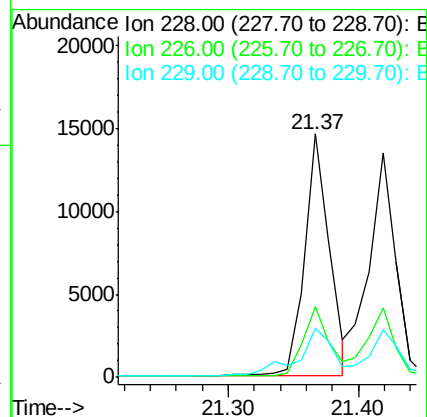
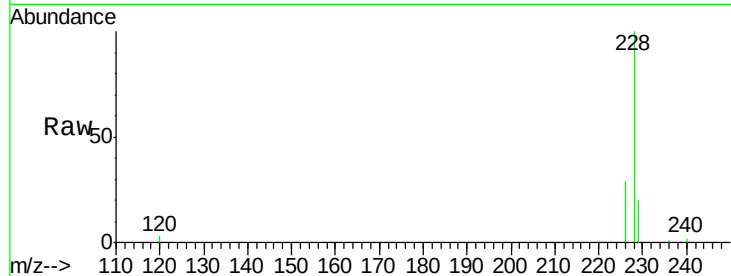
Tgt Ion:228 Resp: 19281

Ion Ratio Lower Upper

228 100

226 29.0 18.8 28.2#

229 20.0 17.1 25.7



#21

Chrysene

Concen: 0.92 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

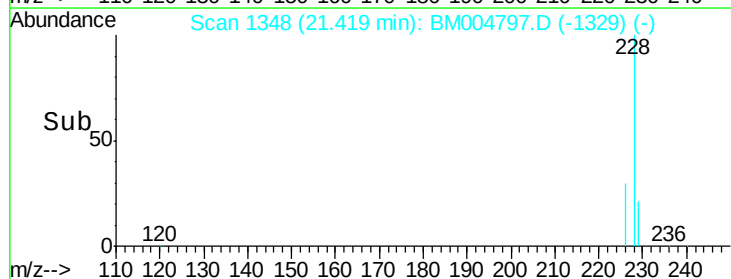
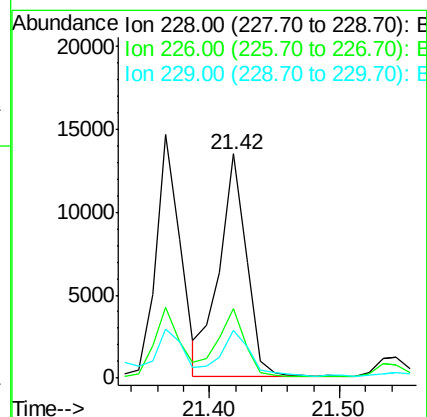
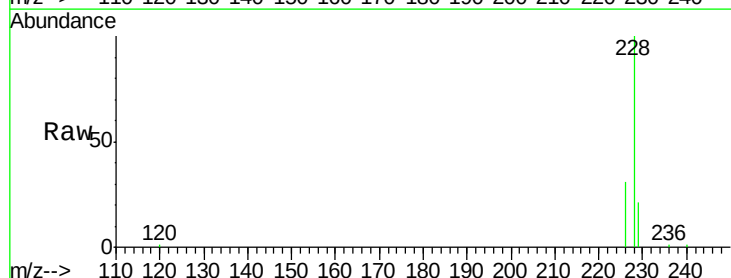
Tgt Ion:228 Resp: 19242

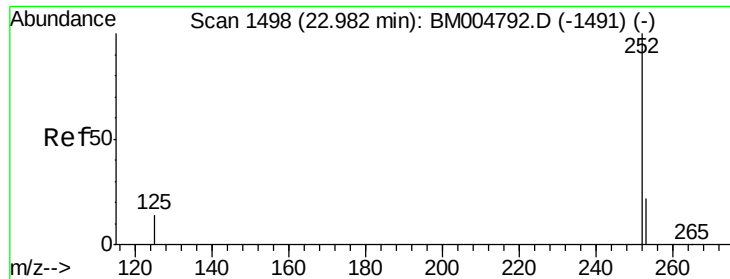
Ion Ratio Lower Upper

228 100

226 30.9 21.2 31.8

229 21.3 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.98 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

Instrument :

BNA_M

ClientSampleId :

A4T50

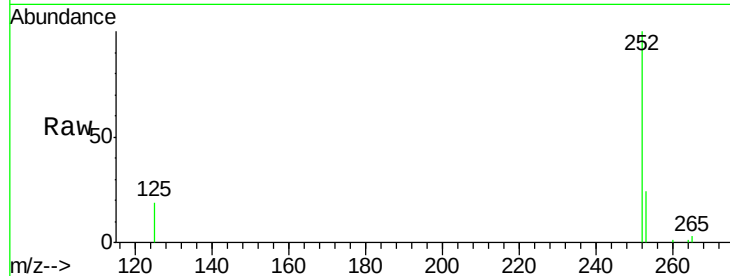
Tgt Ion:252 Resp: 18550

Ion Ratio Lower Upper

252 100

253 23.5 0.0 45.4

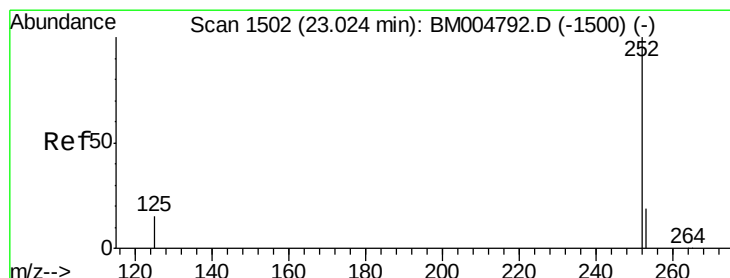
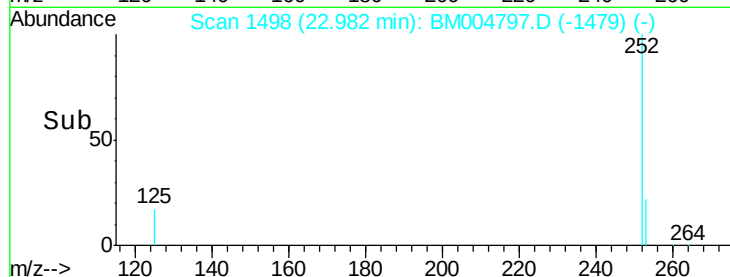
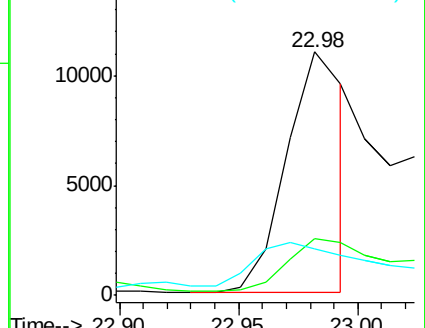
125 19.2 0.0 28.8



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: 0.02 ng/ul

RT: 22.98 min Scan# 1498

Delta R.T. -0.04 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

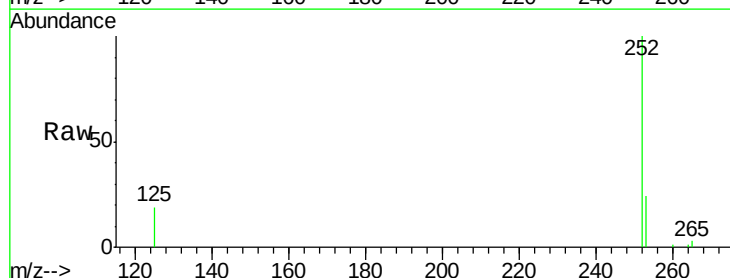
Tgt Ion:252 Resp: 33229

Ion Ratio Lower Upper

252 100

253 23.5 19.8 29.8

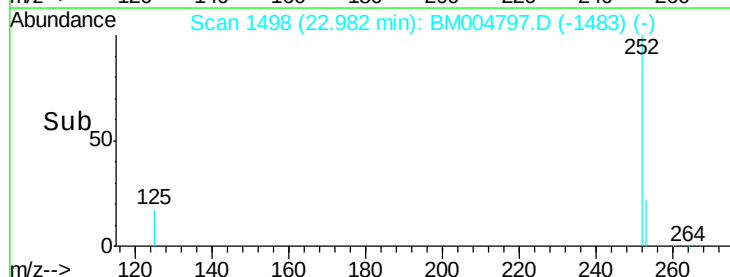
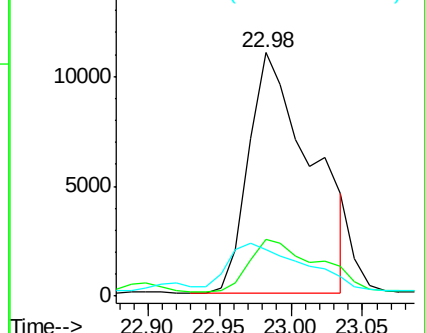
125 19.2 10.4 15.6#

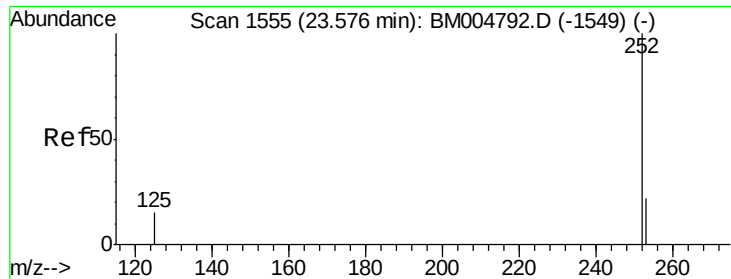


Abundance Ion 252.00 (251.70 to 252.70): E

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/ul

RT: 23.58 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

Instrument :

BNA_M

ClientSampleId :

A4T50

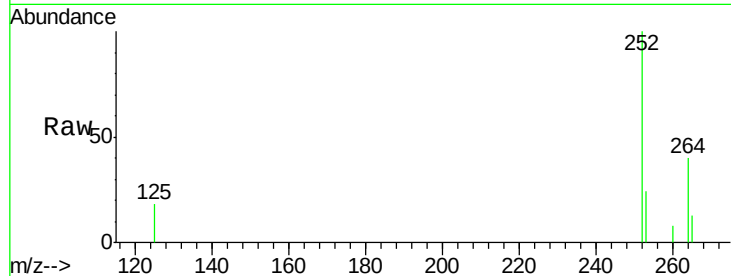
Tgt Ion:252 Resp: 14090

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.2

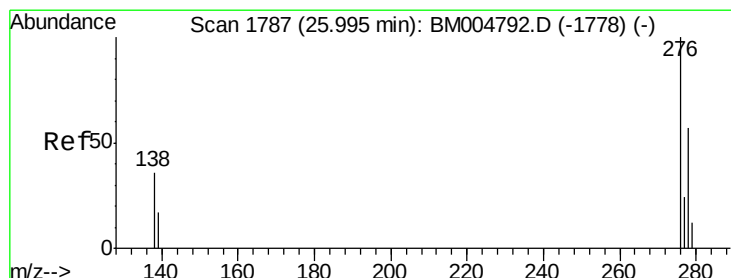
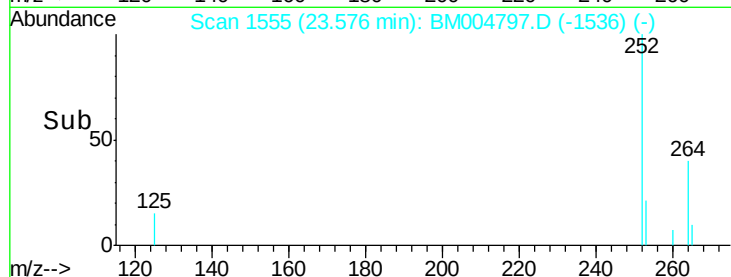
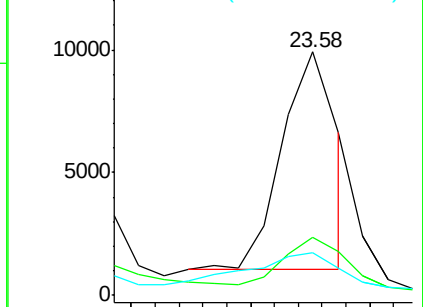
125 17.5 12.7 19.1



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: 25.74 min Scan# 1763

Delta R.T. -0.25 min

Lab File: BM004797.D

Acq: 26 Mar 2016 03:34

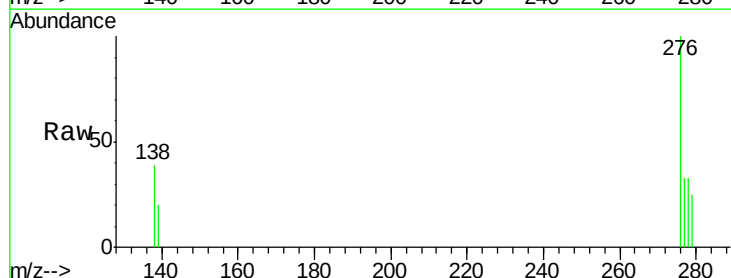
Tgt Ion:276 Resp: 1485

Ion Ratio Lower Upper

276 100

138 17.5 16.3 24.5

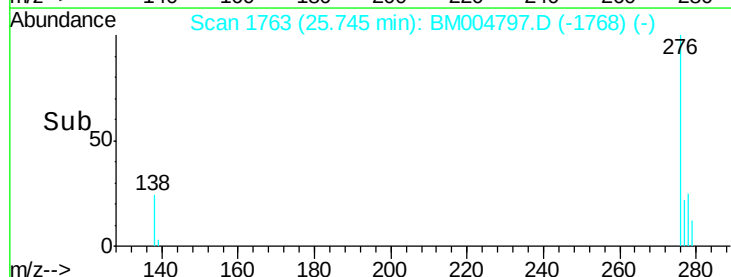
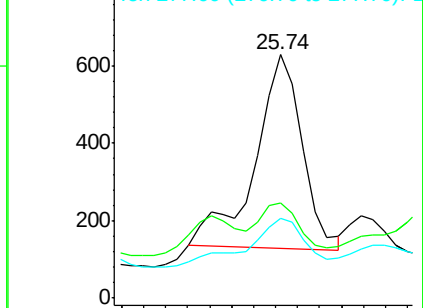
277 23.8 19.8 29.8

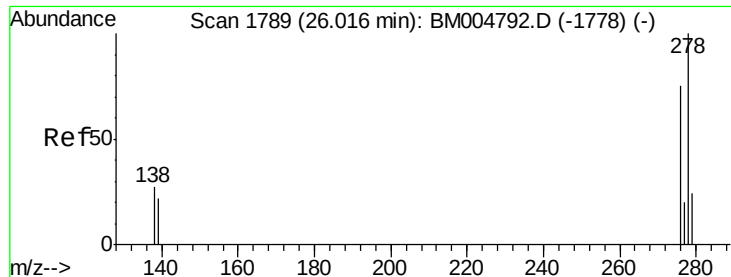


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.90 min Scan# 1778
Delta R.T. -0.11 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Instrument :
BNA_M
ClientSampleId :
A4T50

Tgt Ion: 278 Resp: 776
Ion Ratio Lower Upper
278 100
139 81.4 16.4 24.6#
279 51.5 20.2 30.2#

