

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004747.D
 Acq On : 23 Mar 2016 03:44
 Operator : UM/SJ
 Sample : H1835-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T35

Quant Time: Mar 23 05:12:33 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 23 06:08:08 2016
 Response via : Initial Calibration

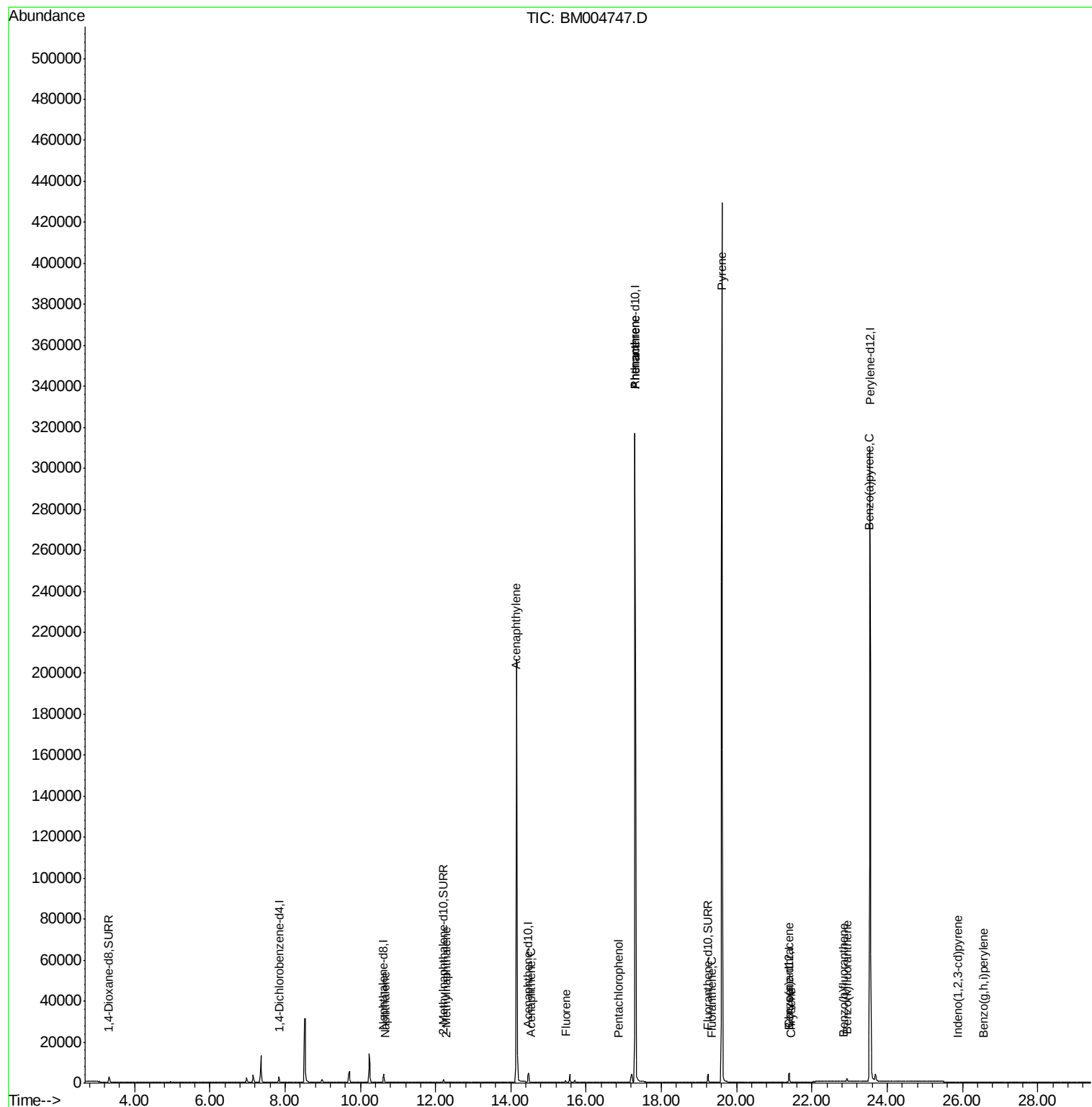
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1453	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5898	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3099	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	456038	5.00	ng/ul	0.09
18) Chrysene-d12	21.40	240	5126	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	409915	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1834	2.60	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2248	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	5016	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	126	0.01	ng/ul#	1
7) 2-Methylnaphthalene	12.29	142	137	0.02	ng/ul	97
9) Acenaphthylene	14.14	152	51	0.00	ng/ul#	1
10) Acenaphthene	14.52	153	26	0.00	ng/ul#	75
11) Fluorene	15.46	166	822	0.08	ng/ul#	23
13) Pentachlorophenol	16.87	266	34	0.00	ng/ul#	58
14) Phenanthrene	17.30	178	271	0.00	ng/ul#	1
15) Anthracene	17.30	178	266	0.00	ng/ul#	1
17) Fluoranthene	19.34	202	3	0.00	ng/ul#	1
19) Pyrene	19.60	202	813	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.39	228	32	0.00	ng/ul#	1
21) Chrysene	21.43	228	14	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.85	252	4	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.93	252	14	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.53	252	1633	0.00	ng/ul#	63
26) Indeno(1,2,3-cd)pyrene	25.88	276	3	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.55	276	2	0.00	ng/ul#	1

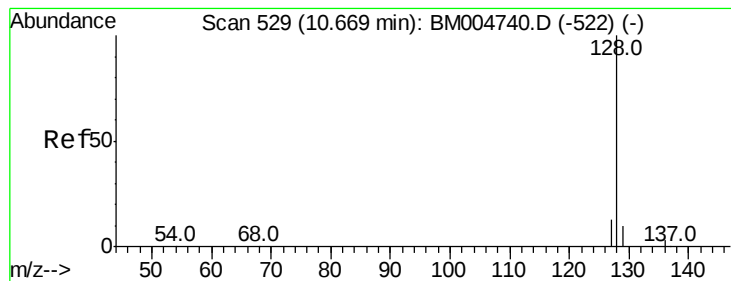
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

Instrument :

BNA_M

ClientSampleId :

A4T35

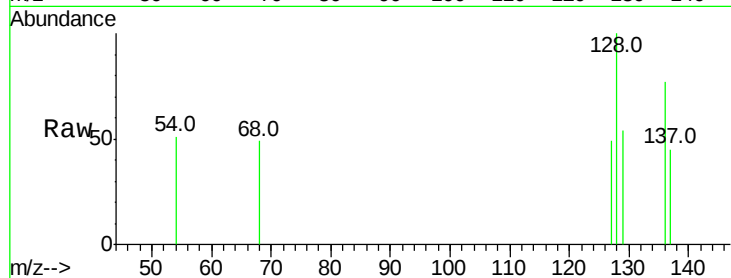
Tot Ion:128 Resp: 126

Ion Ratio Lower Upper

128 100

129 53.8 9.0 13.6#

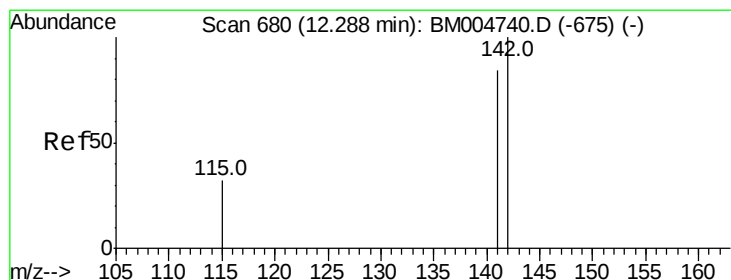
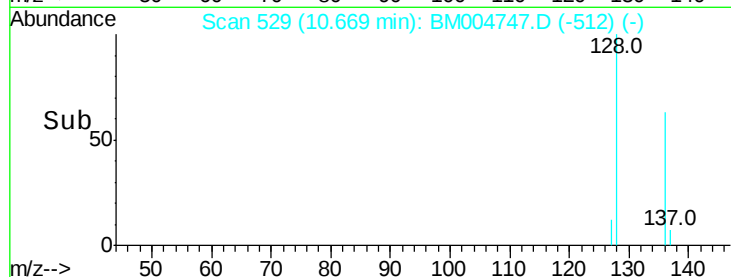
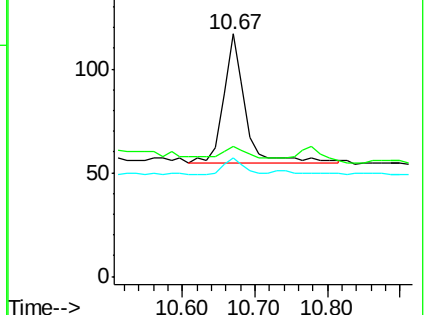
127 48.7 9.6 14.4#



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: 0.02 ng/ul

RT: 12.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM004747.D

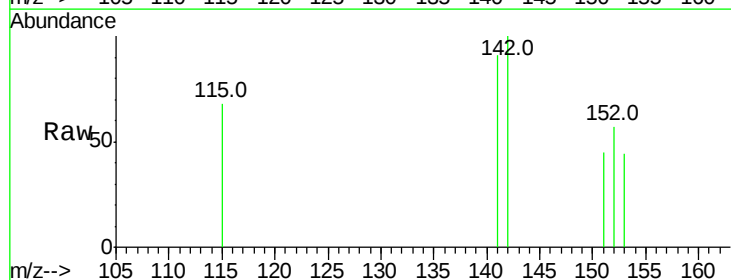
Acq: 23 Mar 2016 03:44

Tgt Ion:142 Resp: 137

Ion Ratio Lower Upper

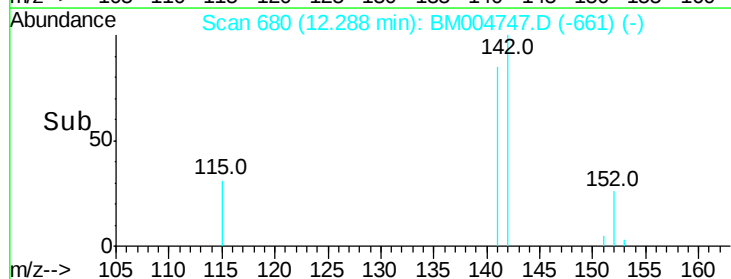
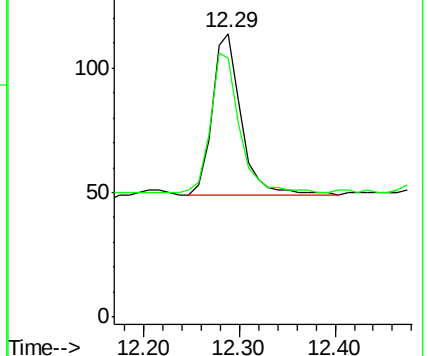
142 100

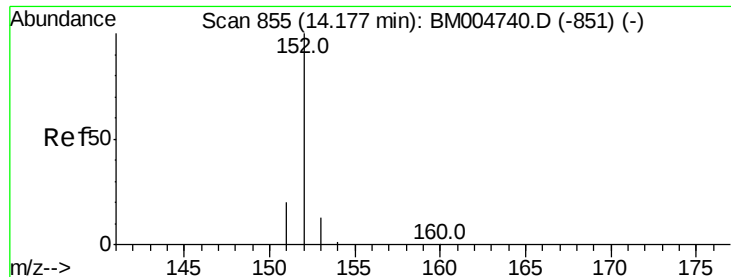
141 85.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

Instrument :

BNA_M

ClientSampleId :

A4T35

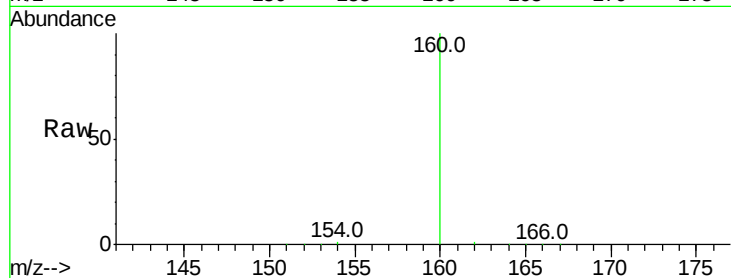
Tot Ion:152 Resp: 51

Ion Ratio Lower Upper

152 100

151 80.0 17.6 26.4#

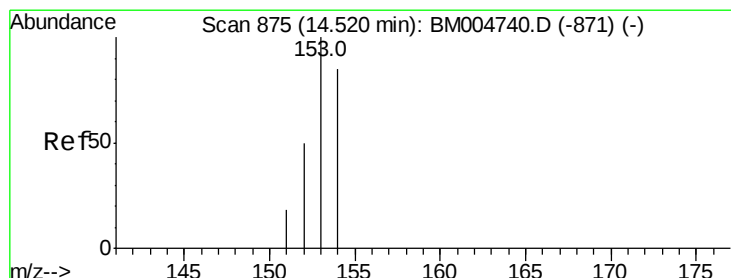
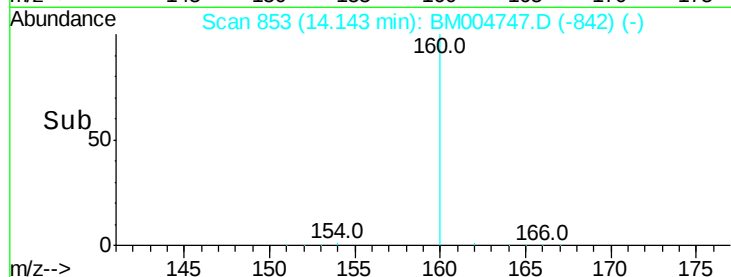
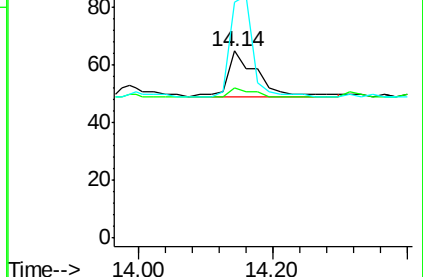
153 126.2 9.7 14.5#



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: 0.00 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. 0.00 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

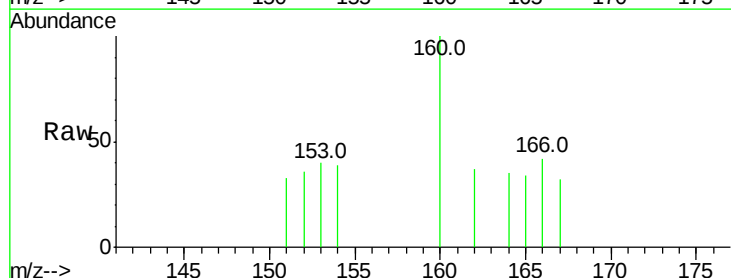
Tgt Ion:153 Resp: 26

Ion Ratio Lower Upper

153 100

152 90.5 33.9 50.9#

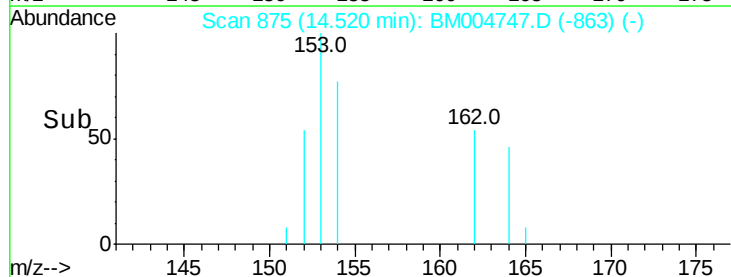
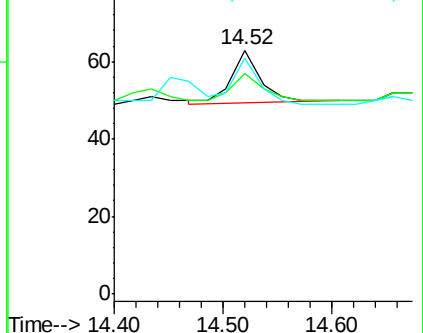
154 96.8 80.6 121.0

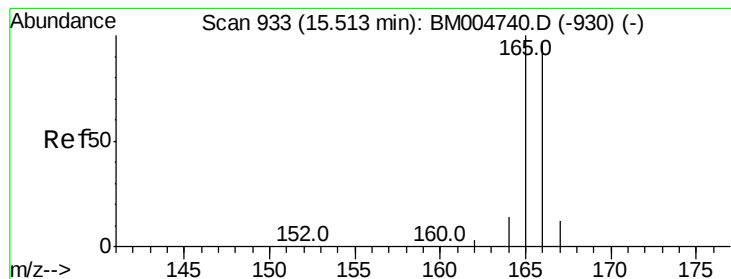


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.08 ng/ul

RT: 15.46 min Scan# 930

Delta R.T. -0.05 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

Instrument :

BNA_M

ClientSampleId :

A4T35

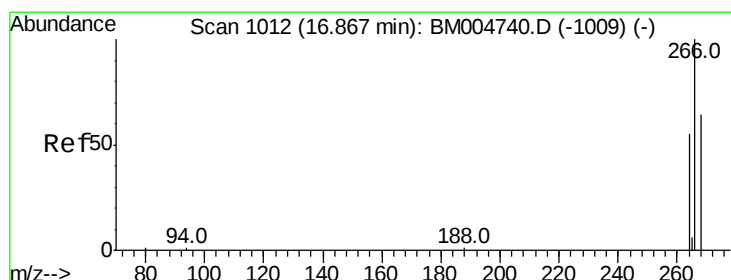
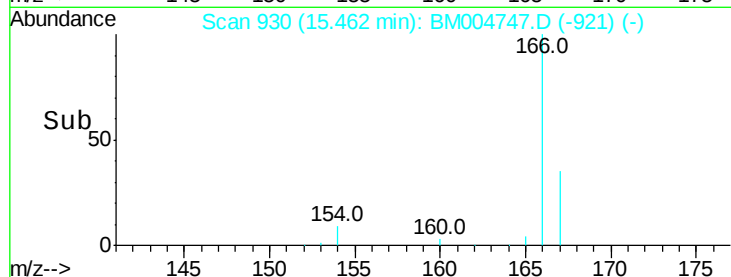
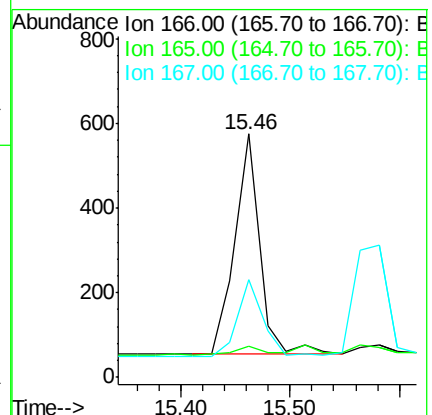
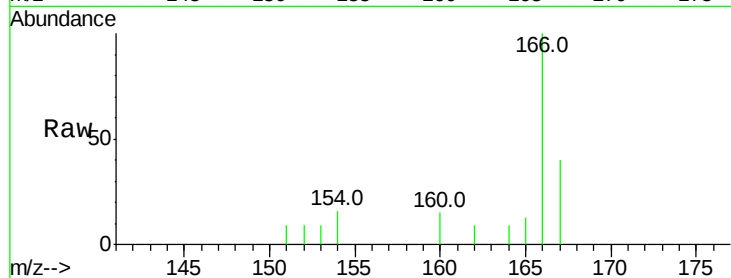
Tot Ion:166 Resp: 822

Ion Ratio Lower Upper

166 100

165 13.0 69.6 104.4#

167 40.2 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

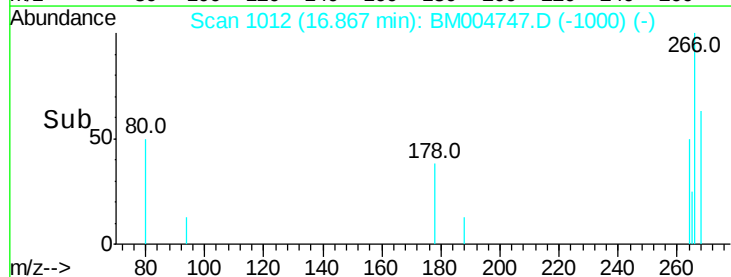
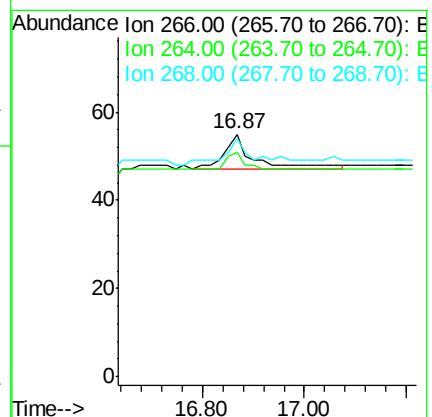
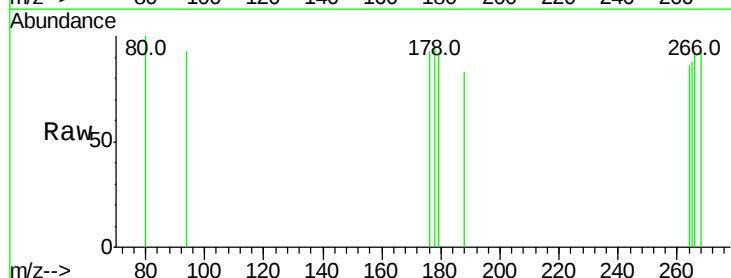
Tgt Ion:266 Resp: 34

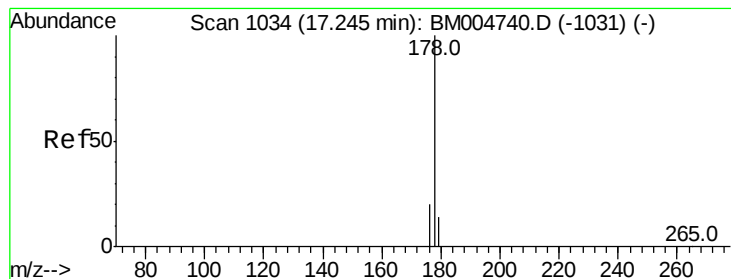
Ion Ratio Lower Upper

266 100

264 26.5 51.8 77.8#

268 32.4 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

Instrument :

BNA_M

ClientSampleId :

A4T35

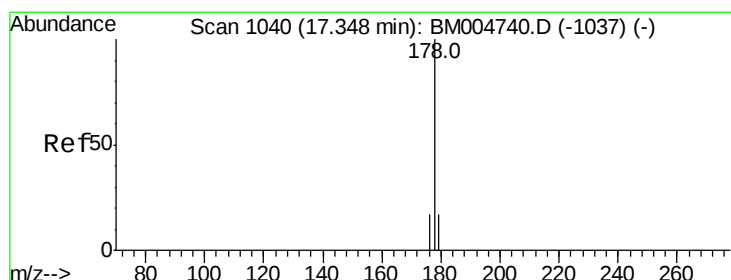
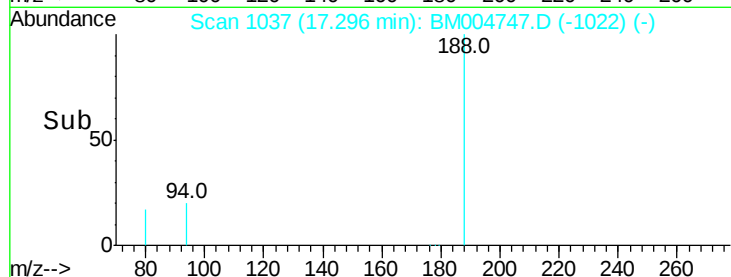
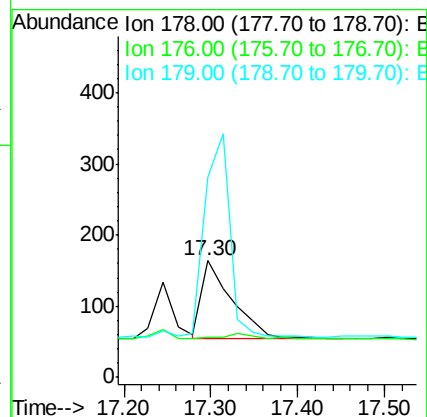
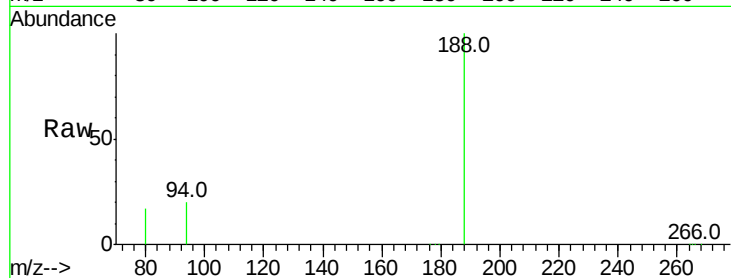
Tot Ion:178 Resp: 271

Ion Ratio Lower Upper

178 100

176 34.8 13.0 19.4#

179 172.0 14.2 21.2#



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

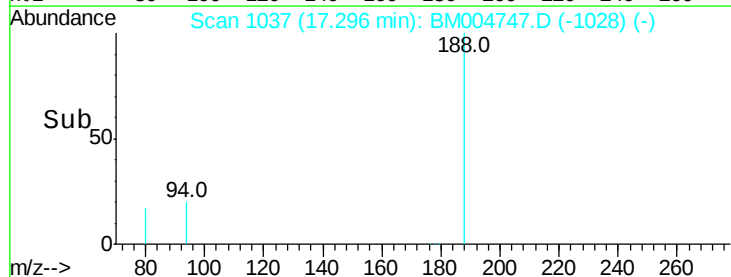
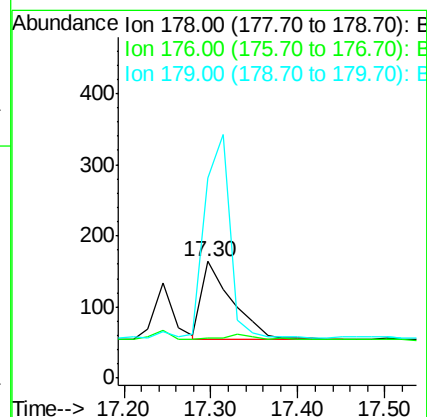
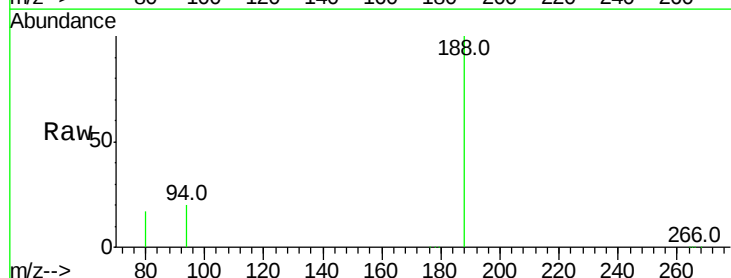
Tgt Ion:178 Resp: 266

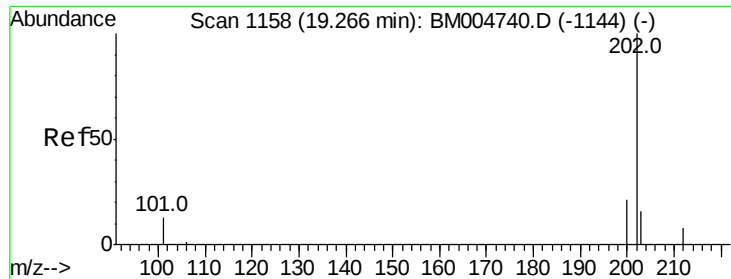
Ion Ratio Lower Upper

178 100

176 34.8 14.0 21.0#

179 172.0 12.9 19.3#

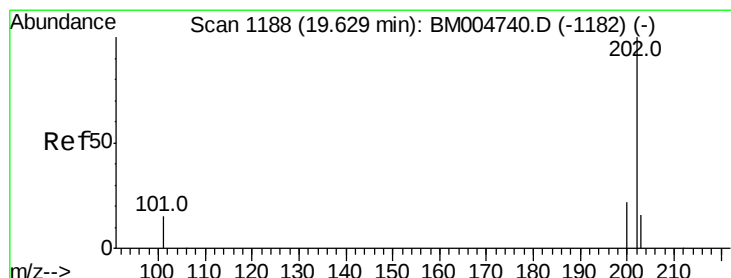
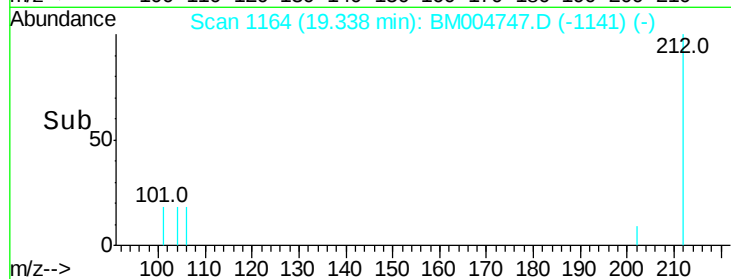
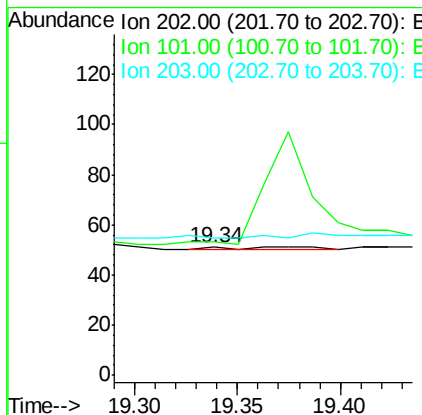
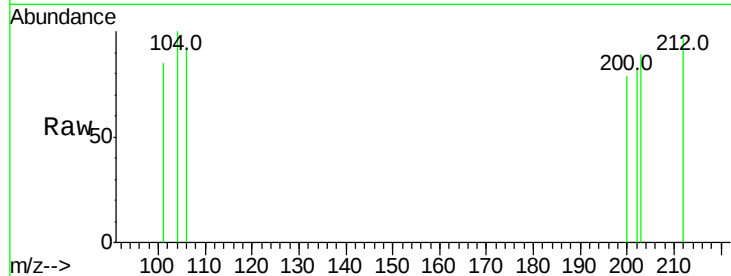




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.34 min Scan# 1164
Delta R.T. 0.07 min
Lab File: BM004747.D
Acq: 23 Mar 2016 03:44

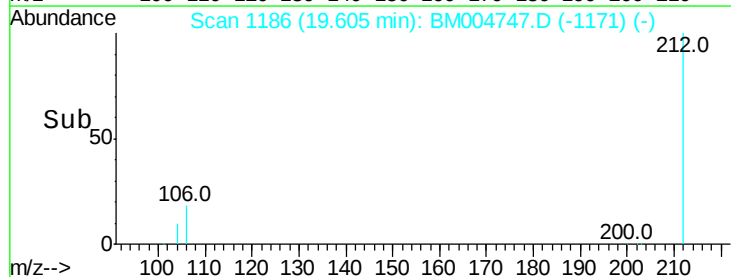
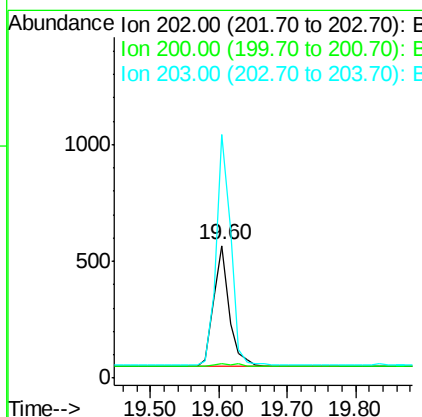
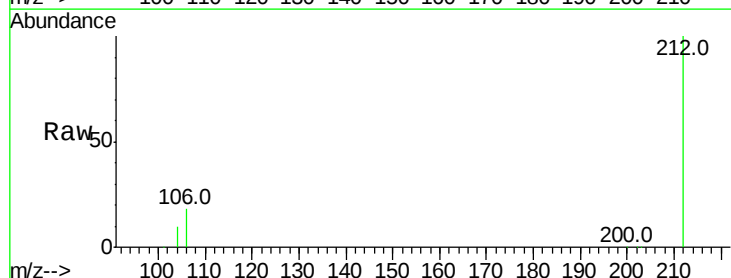
Instrument :
BNA_M
ClientSampleId :
A4T35

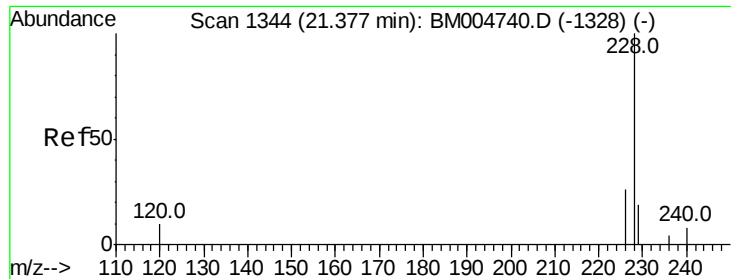
Tot Ion:202 Resp: 3
Ion Ratio Lower Upper
202 100
101 103.9 0.0 29.6#
203 107.8 0.0 36.3#



#19
Pyrene
Concen: 0.05 ng/ul
RT: 19.60 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM004747.D
Acq: 23 Mar 2016 03:44

Tgt Ion:202 Resp: 813
Ion Ratio Lower Upper
202 100
200 11.1 17.8 26.8#
203 183.5 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.39 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

Instrument :

BNA_M

ClientSampleId :

A4T35

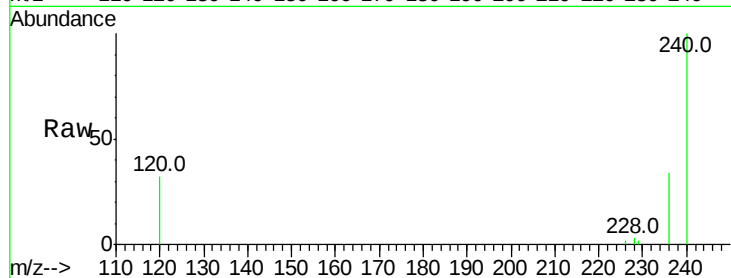
Tot Ion:228 Resp: 32

Ion Ratio Lower Upper

228 100

226 80.3 18.8 28.2#

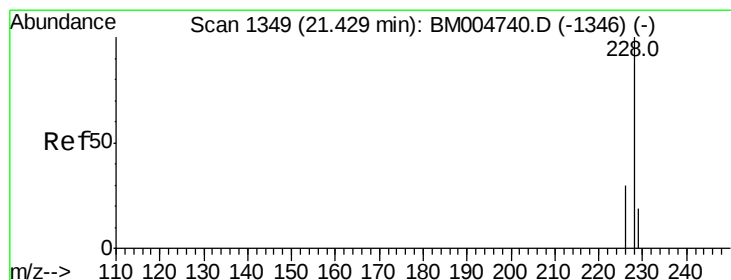
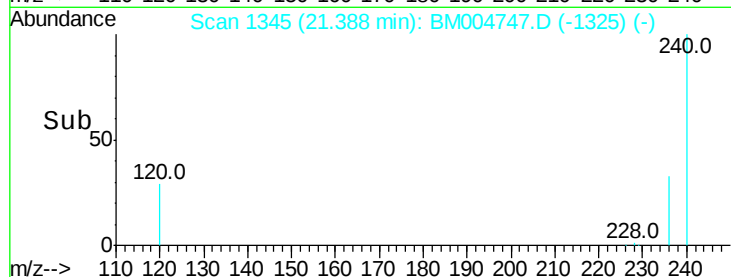
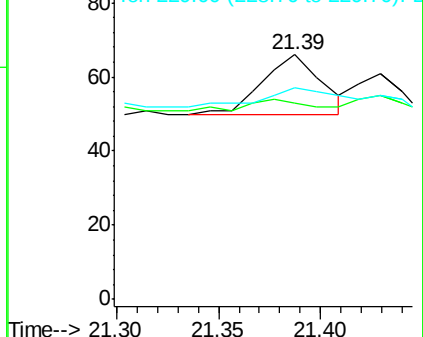
229 86.4 17.1 25.7#



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: 0.00 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

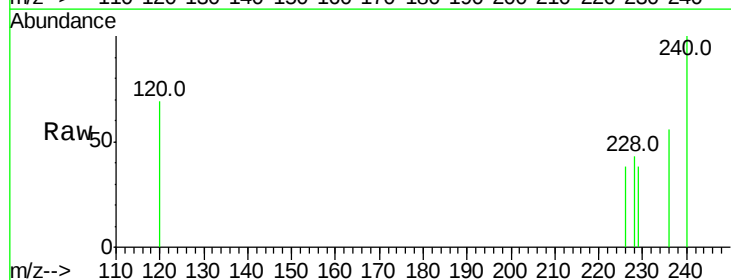
Tgt Ion:228 Resp: 14

Ion Ratio Lower Upper

228 100

226 90.2 21.2 31.8#

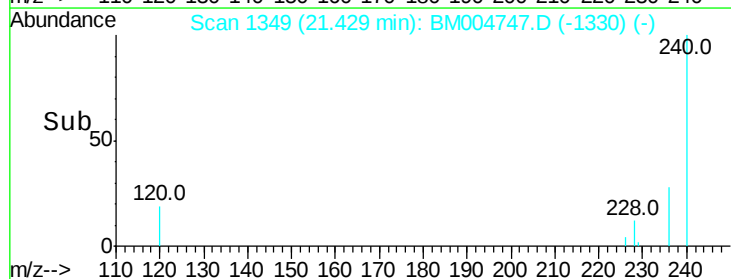
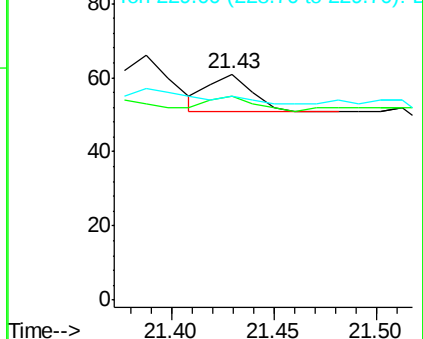
229 90.2 17.0 25.6#

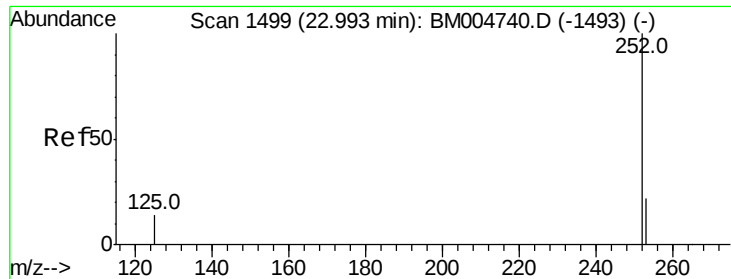


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.85 min Scan# 1485

Delta R.T. -0.15 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

Instrument :

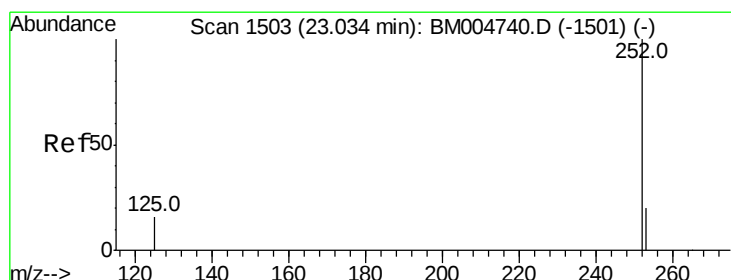
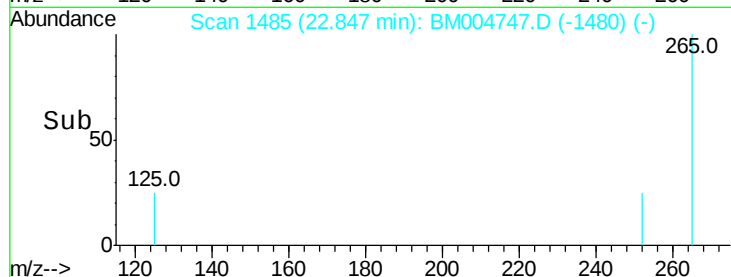
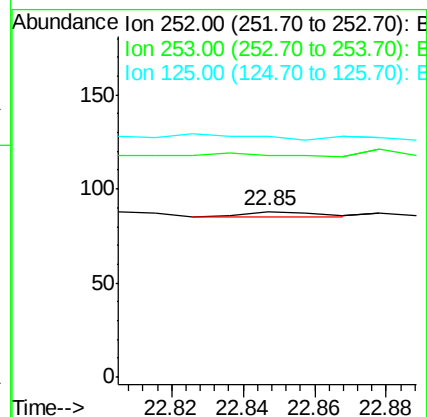
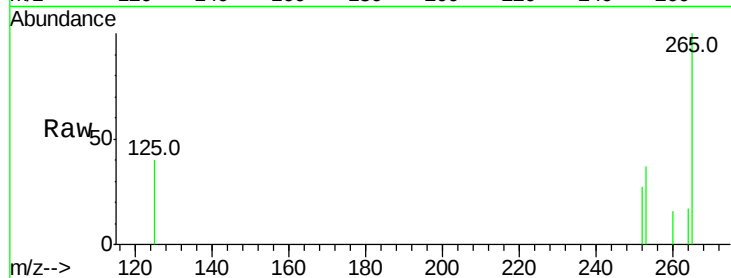
BNA_M

ClientSampleId :

A4T35

Tot Ion:252 Resp: 4

Ion	Ratio	Lower	Upper
252	100		
253	134.1	0.0	45.4#
125	145.5	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.93 min Scan# 1493

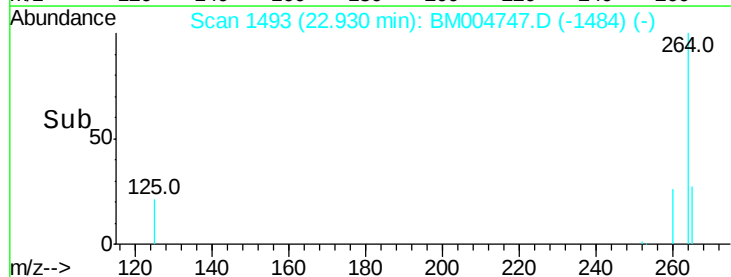
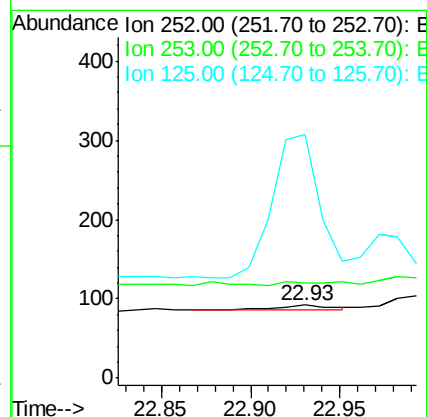
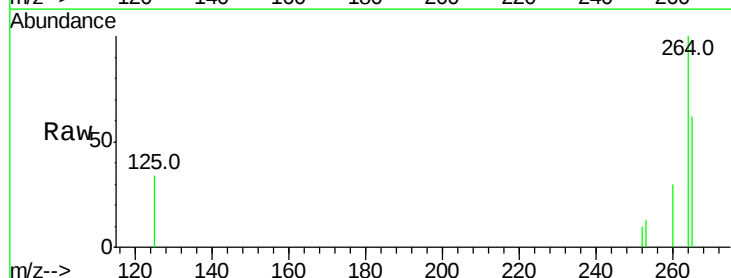
Delta R.T. -0.10 min

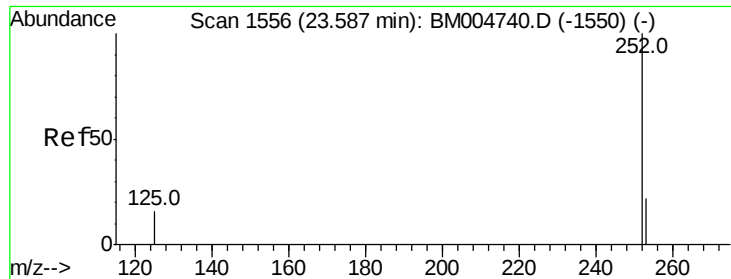
Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

Tgt Ion:252 Resp: 14

Ion	Ratio	Lower	Upper
252	100		
253	130.4	19.8	29.8#
125	333.7	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.53 min Scan# 1551

Delta R.T. -0.05 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

Instrument :

BNA_M

ClientSampleId :

A4T35

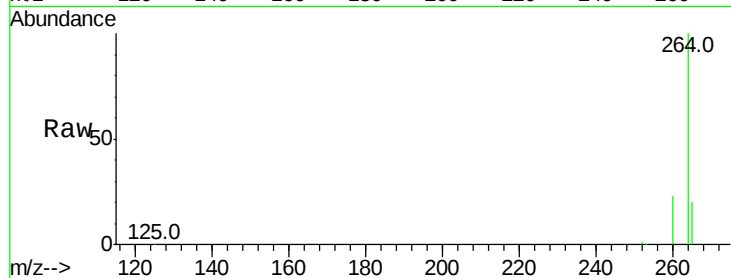
Tot Ion:252 Resp: 1633

Ion Ratio Lower Upper

252 100

253 36.7 19.4 29.2#

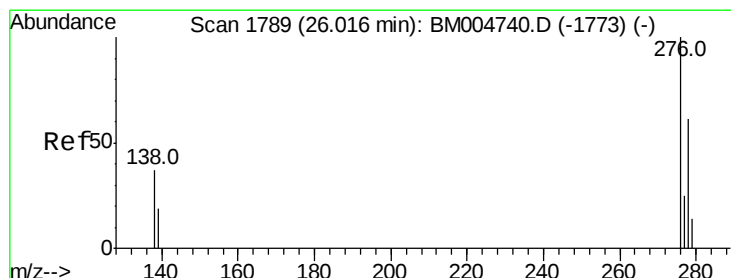
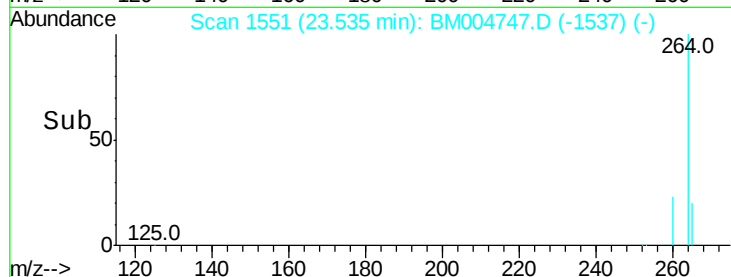
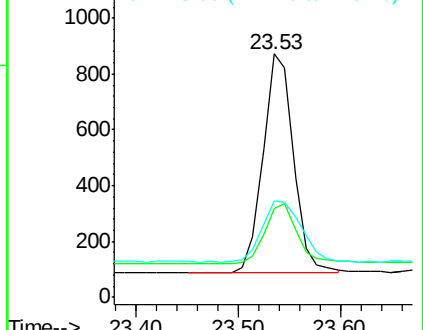
125 39.7 12.7 19.1#



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: 25.88 min Scan# 1776

Delta R.T. -0.14 min

Lab File: BM004747.D

Acq: 23 Mar 2016 03:44

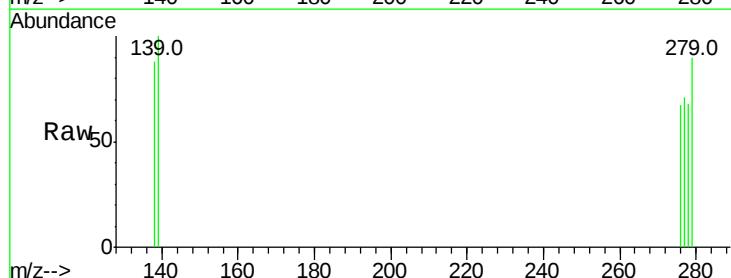
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

138 933.3 16.3 24.5#

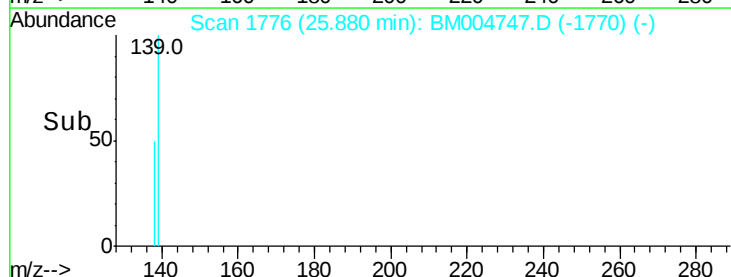
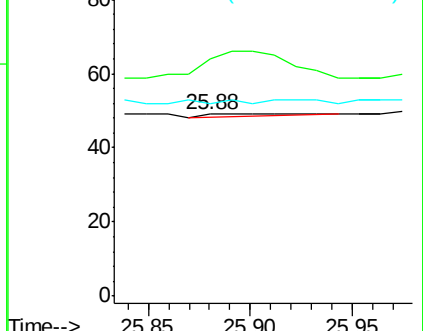
277 100.0 19.8 29.8#

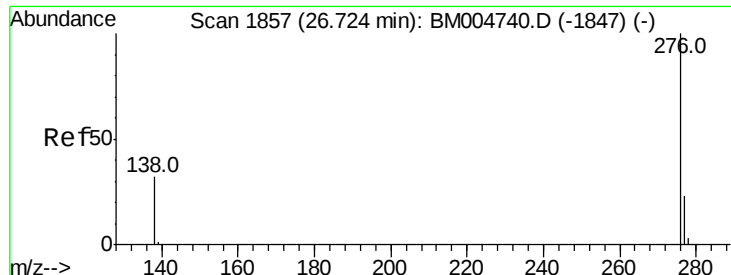


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.55 min Scan# 1840

Delta R.T. -0.18 min

Lab File: BM004747.D

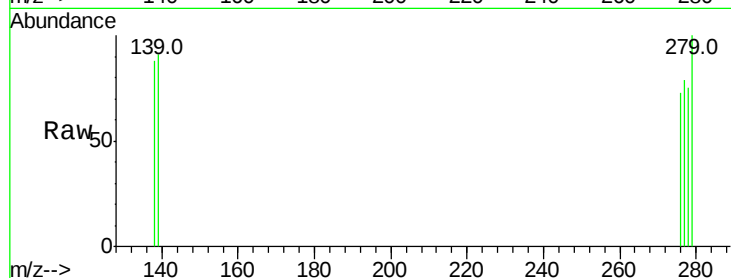
Acq: 23 Mar 2016 03:44

Instrument :

BNA_M

ClientSampleId :

A4T35



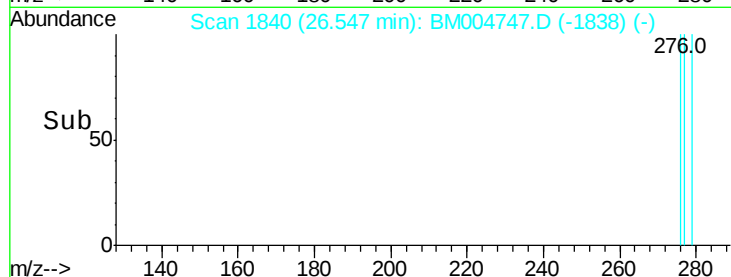
Tot Ion: 276 Resp: 2

Ion Ratio Lower Upper

276 100

277 108.2 18.9 28.3#

138 120.4 22.5 33.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

