

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003255.D
 Acq On : 21 Nov 2015 18:42
 Operator : UM/IZ
 Sample : G4323-29
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 01:19:34 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	13862	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	54770	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	32249	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3247986	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	58994	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	3231632	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	71547	4.83	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	20579	0.28	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	40545	0.01	ng/ul	0.00

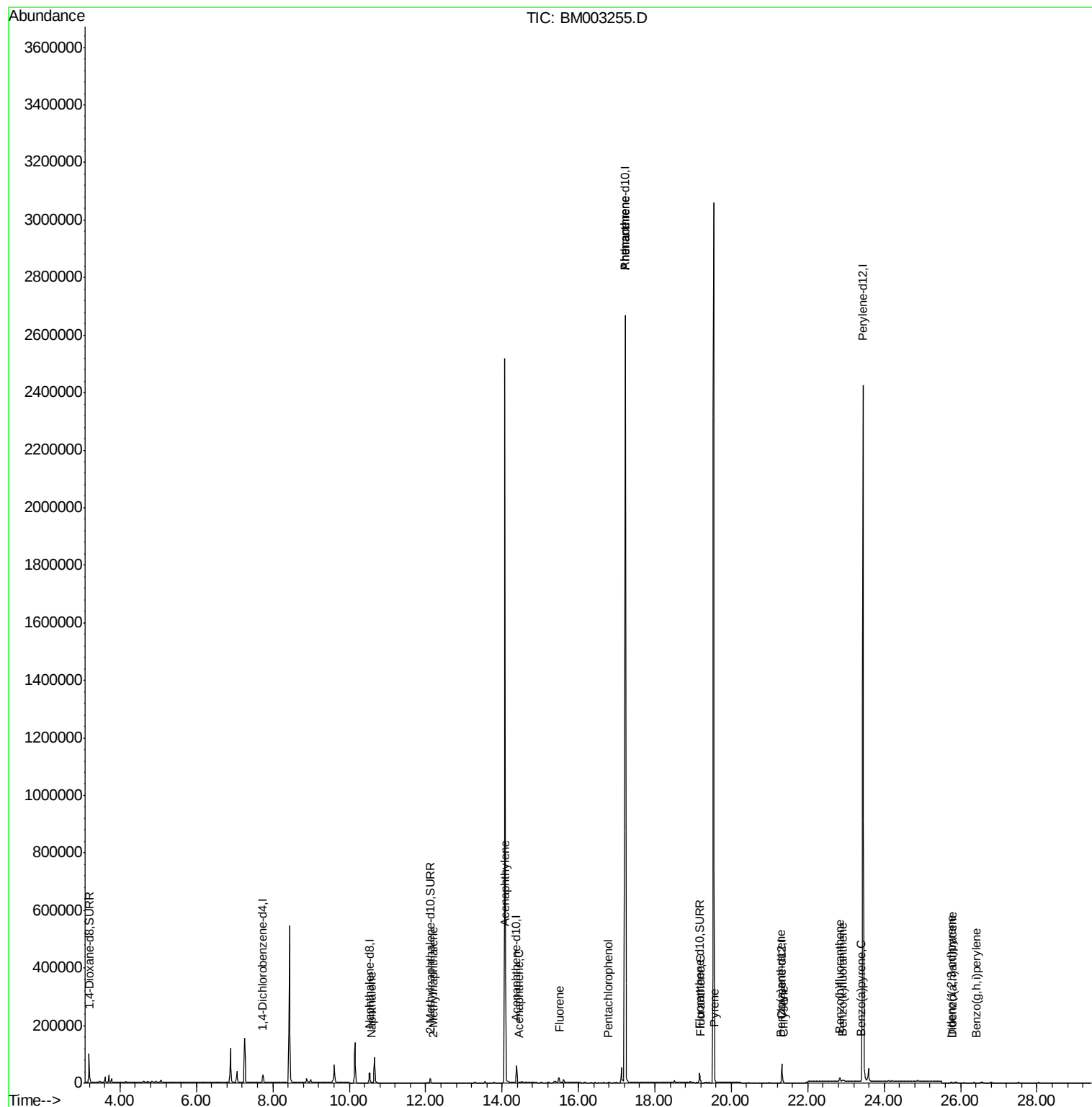
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.57	128	3498	0.02	ng/ul#	86
7) 2-Methylnaphthalene	12.19	142	448	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	835	0.01	ng/ul#	33
10) Acenaphthene	14.43	153	487	0.00	ng/ul#	83
11) Fluorene	15.49	166	326	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	750	0.00	ng/ul	94
14) Phenanthrene	17.23	178	2502	0.00	ng/ul#	1
15) Anthracene	17.23	178	2425	0.00	ng/ul#	1
17) Fluoranthene	19.20	202	7840	0.00	ng/ul	88
19) Pyrene	19.56	202	13029	0.06	ng/ul#	89
20) Benzo(a)anthracene	21.31	228	3089	0.02	ng/ul#	84
21) Chrysene	21.36	228	3657	0.02	ng/ul#	84
23) Benzo(b)fluoranthene	22.84	252	161	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.90	252	6298	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.39	252	2726	0.00	ng/ul#	2
26) Indeno(1,2,3-cd)pyrene	25.77	276	24	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.78	278	118	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.40	276	24	0.00	ng/ul#	1

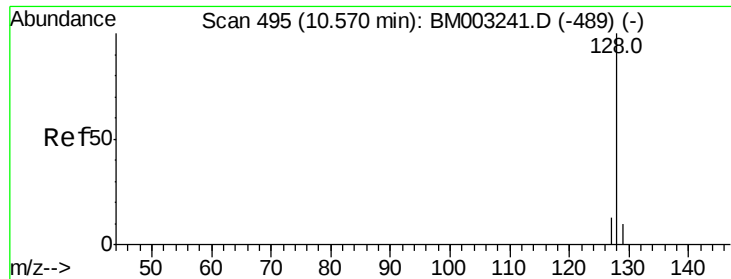
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

Instrument :

BNA_M

ClientSampleId :

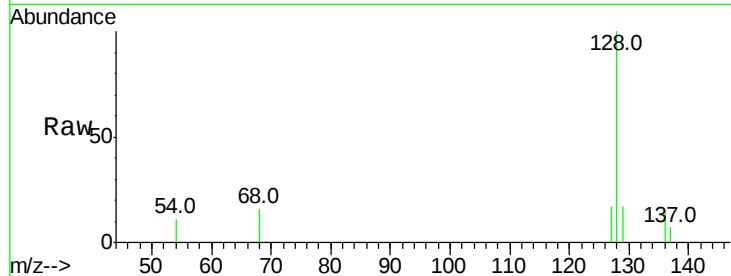
Tot Ion:128 Resp: 3498

Ion Ratio Lower Upper

128 100

129 17.2 9.0 13.6#

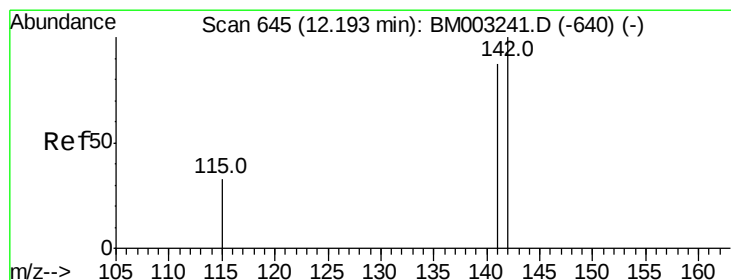
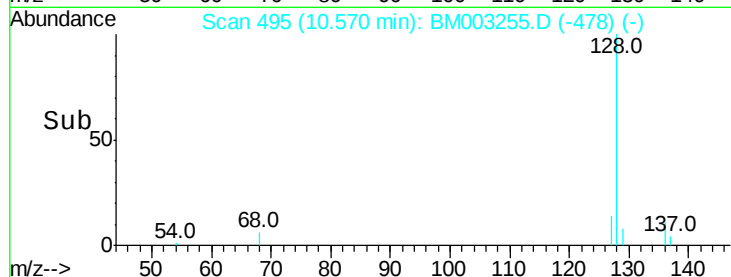
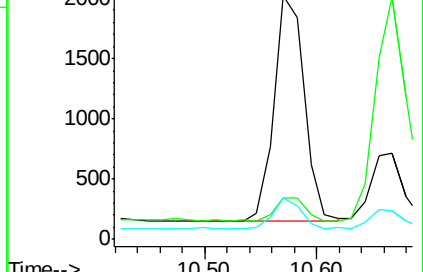
127 17.0 9.6 14.4#



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: 0.00 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003255.D

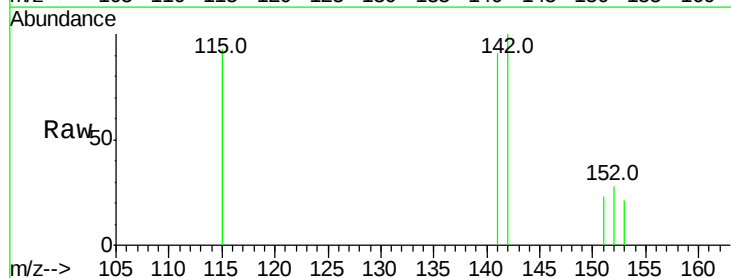
Acq: 21 Nov 2015 18:42

Tgt Ion:142 Resp: 448

Ion Ratio Lower Upper

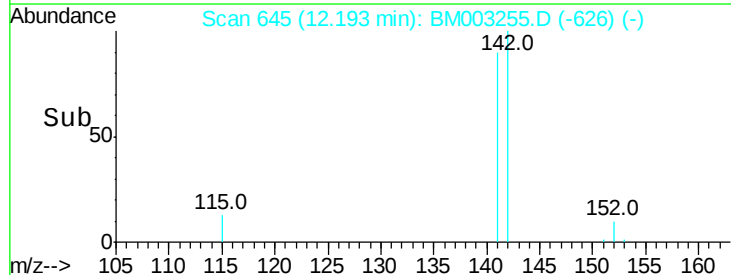
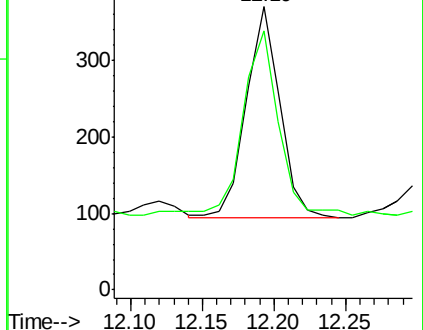
142 100

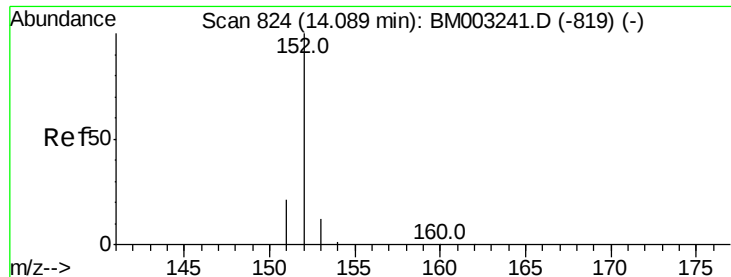
141 96.4 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

Instrument :

BNA_M

ClientSampleId :

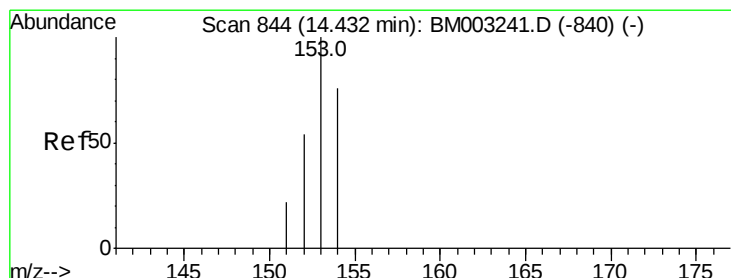
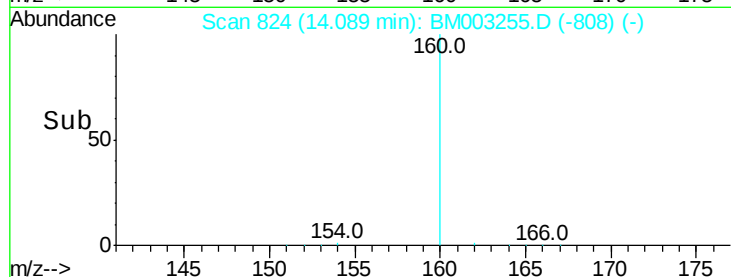
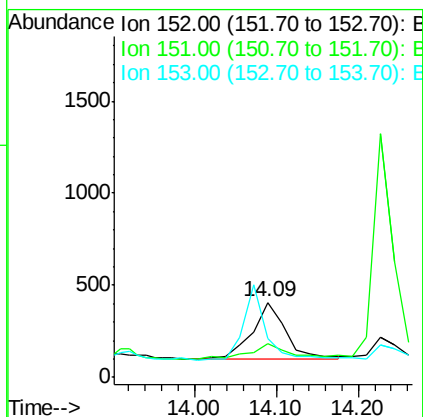
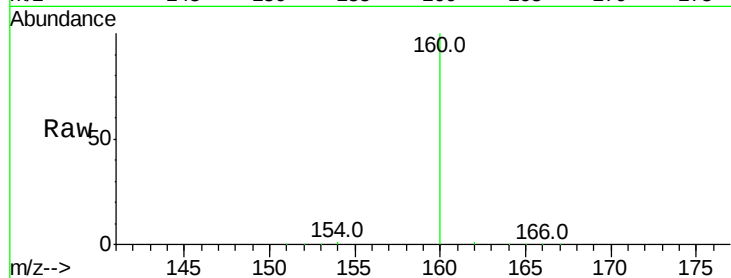
Tot Ion:152 Resp: 835

Ion Ratio Lower Upper

152 100

151 44.9 17.6 26.4#

153 51.9 9.7 14.5#



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.00 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

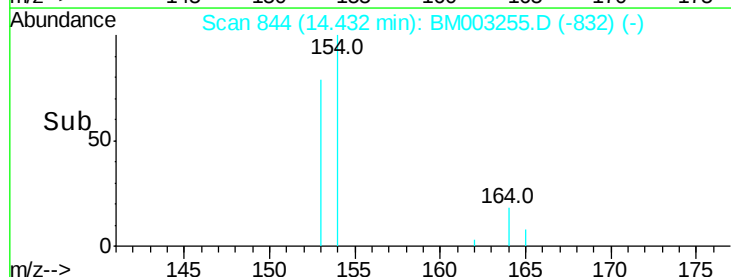
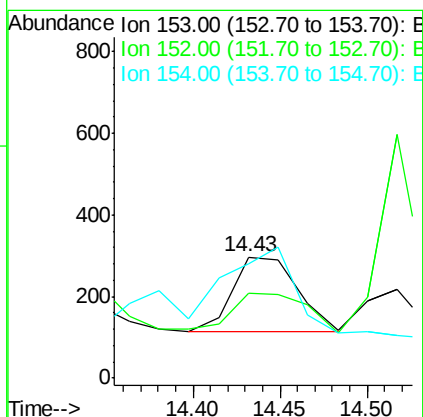
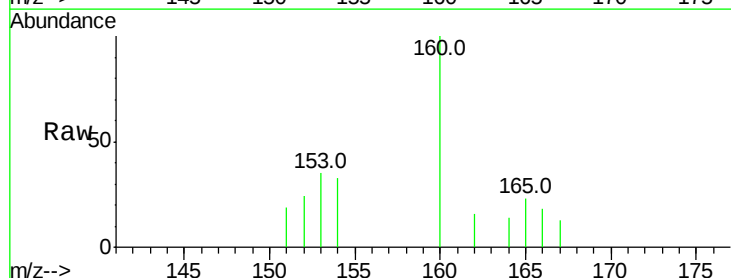
Tgt Ion:153 Resp: 487

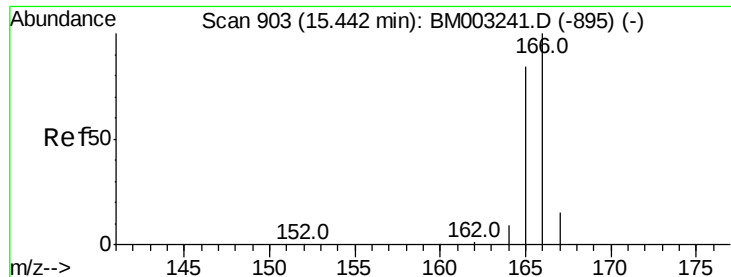
Ion Ratio Lower Upper

153 100

152 69.7 33.9 50.9#

154 94.6 80.6 121.0

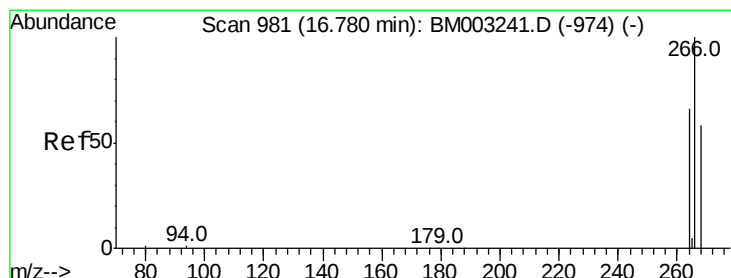
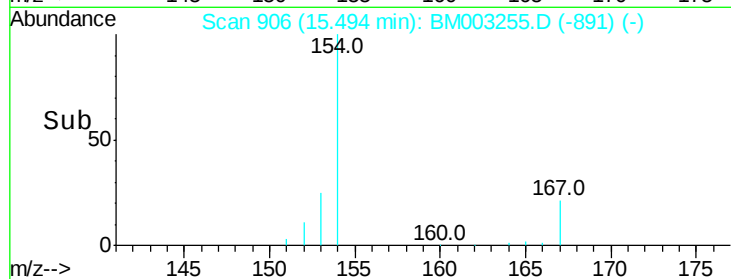
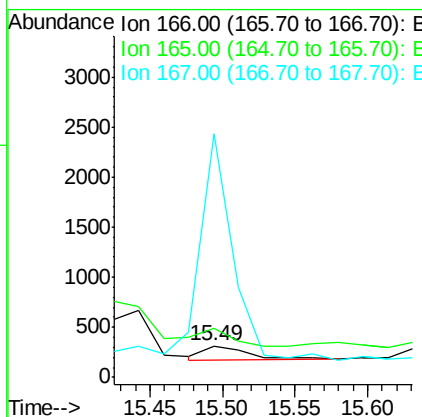
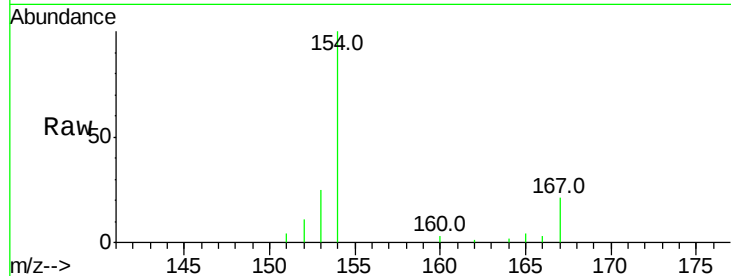




#11
Fluorene
Concen: 0.00 ng/ul
RT: 15.49 min Scan# 906
Delta R.T. 0.05 min
Lab File: BM003255.D
Acq: 21 Nov 2015 18:42

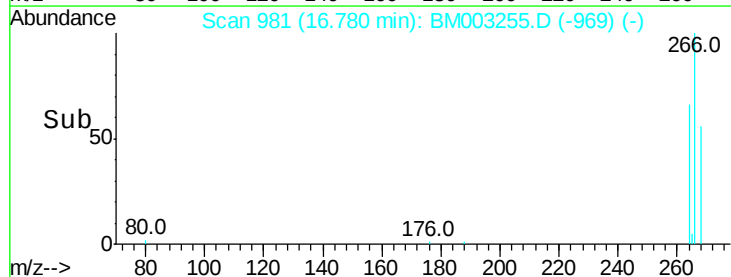
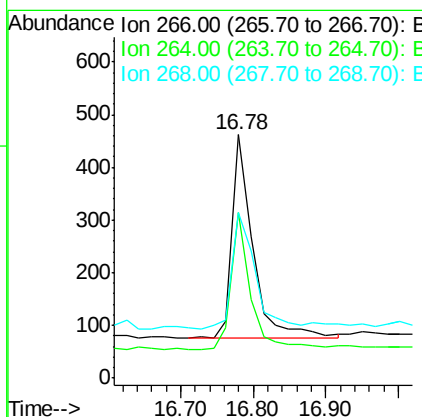
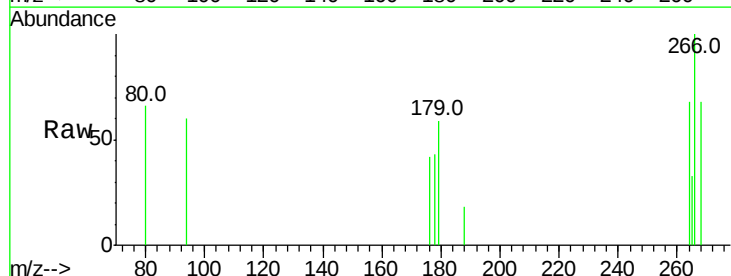
Instrument :
BNA_M
ClientSampleId :

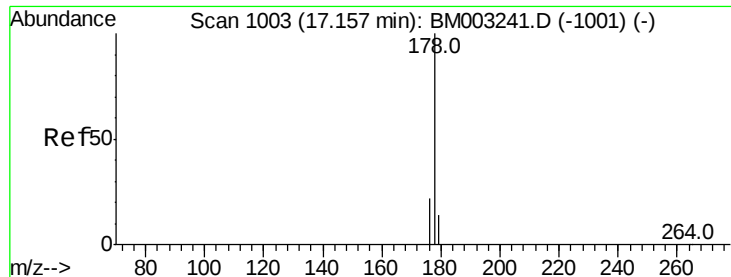
Tot Ion:166 Resp: 326
Ion Ratio Lower Upper
166 100
165 154.3 69.6 104.4#
167 767.2 11.9 17.9#



#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003255.D
Acq: 21 Nov 2015 18:42

Tgt Ion:266 Resp: 750
Ion Ratio Lower Upper
266 100
264 67.7 51.8 77.8
268 64.3 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. 0.07 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

Instrument :

BNA_M

ClientSampleId :

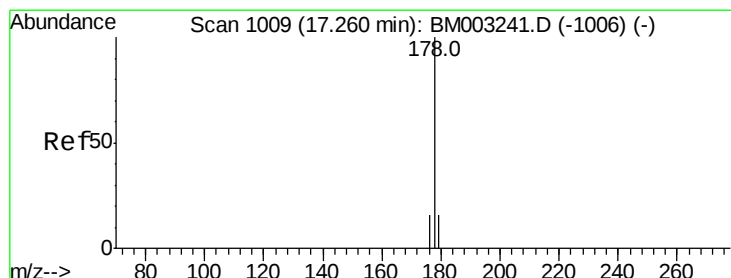
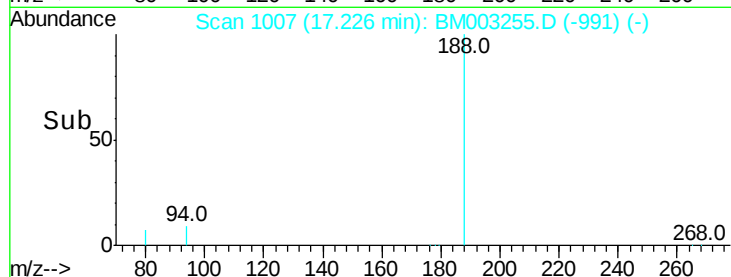
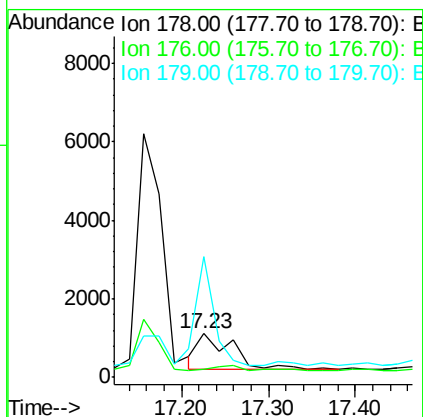
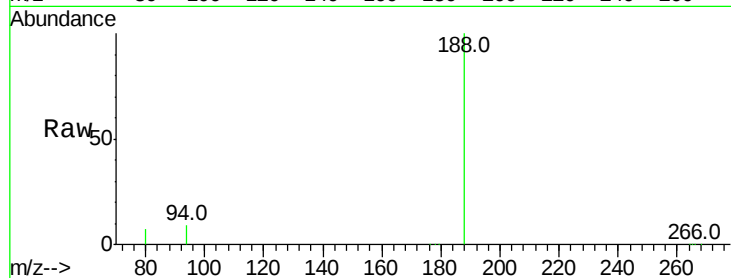
Tot Ion:178 Resp: 2502

Ion Ratio Lower Upper

178 100

176 17.3 13.0 19.4

179 278.2 14.2 21.2#



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

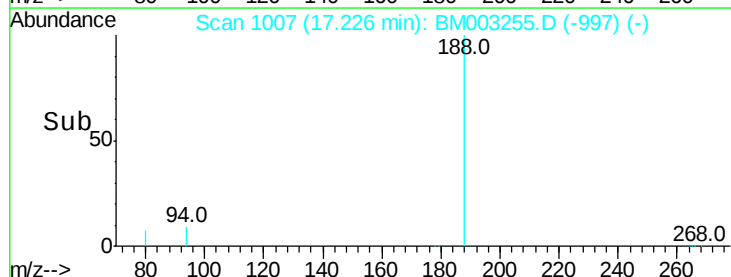
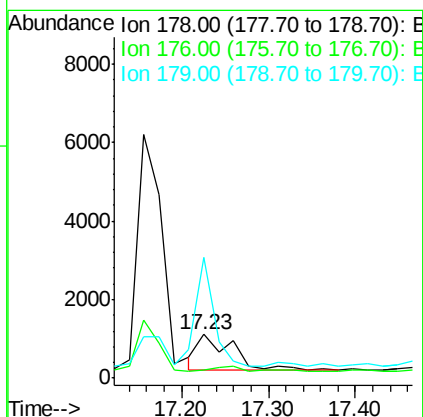
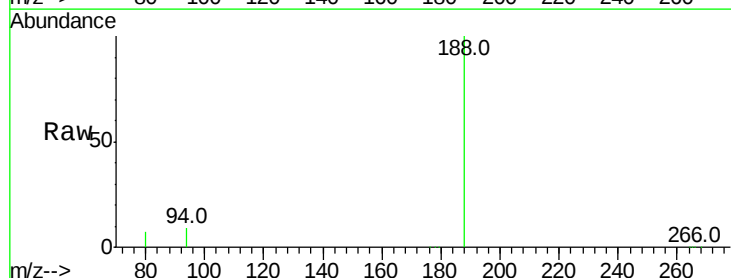
Tgt Ion:178 Resp: 2425

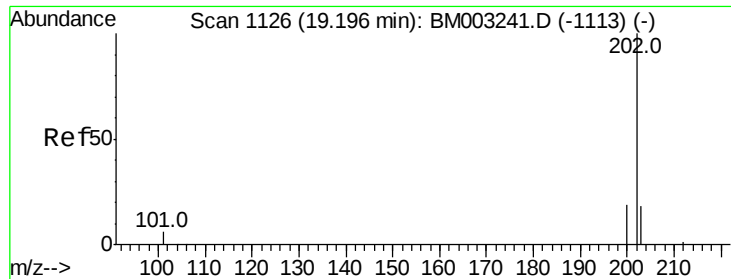
Ion Ratio Lower Upper

178 100

176 17.3 14.0 21.0

179 278.2 12.9 19.3#

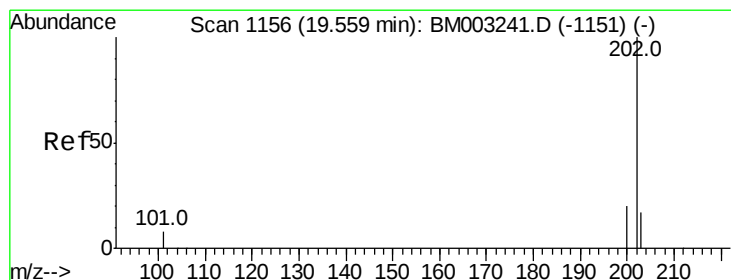
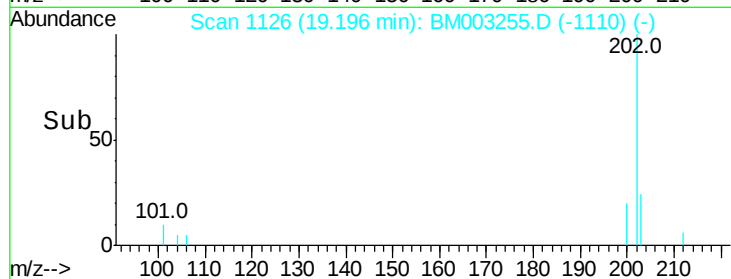
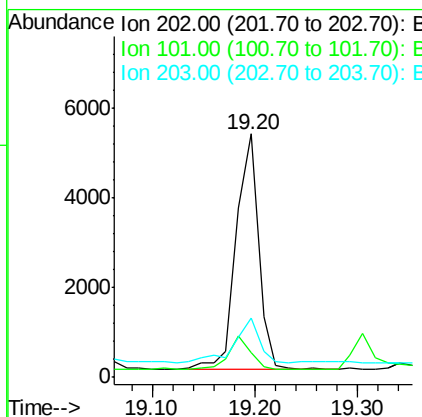
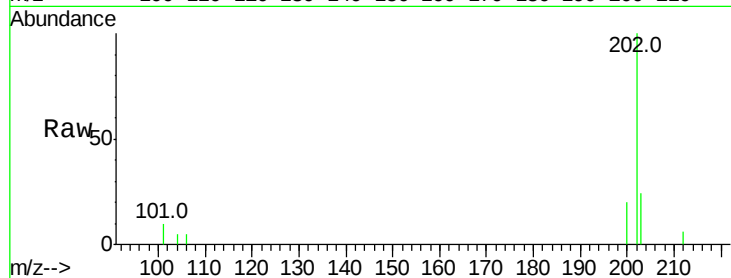




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.20 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM003255.D
Acq: 21 Nov 2015 18:42

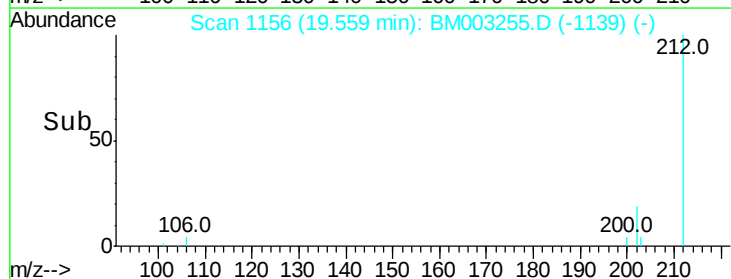
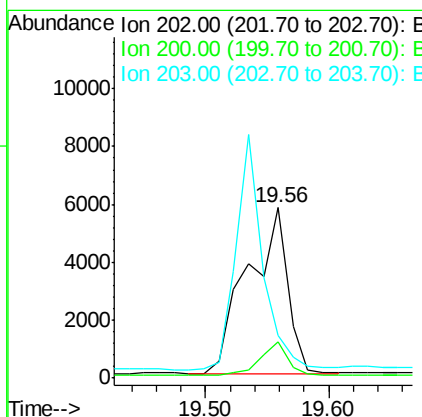
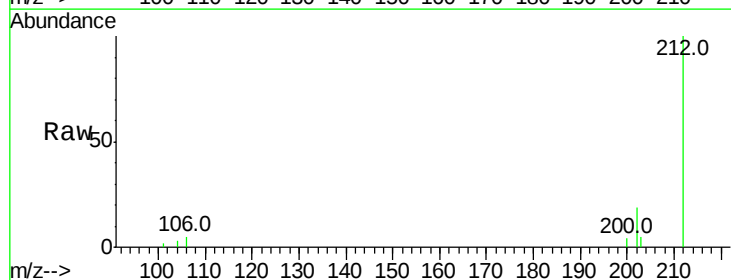
Instrument :
BNA_M
ClientSampleId :

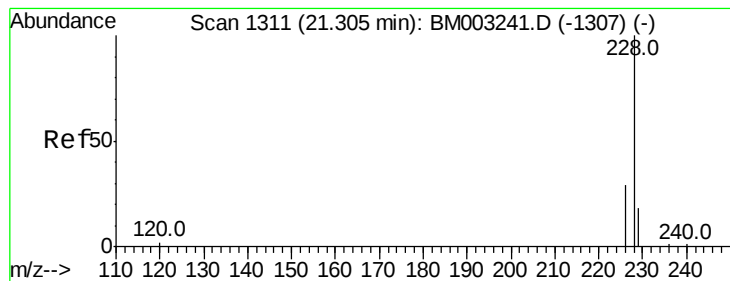
Tot Ion:202 Resp: 7840
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 24.2 0.0 36.3



#19
Pyrene
Concen: 0.06 ng/ul
RT: 19.56 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BM003255.D
Acq: 21 Nov 2015 18:42

Tgt Ion:202 Resp: 13029
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.8
203 25.2 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.31 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

Instrument :

BNA_M

ClientSampleId :

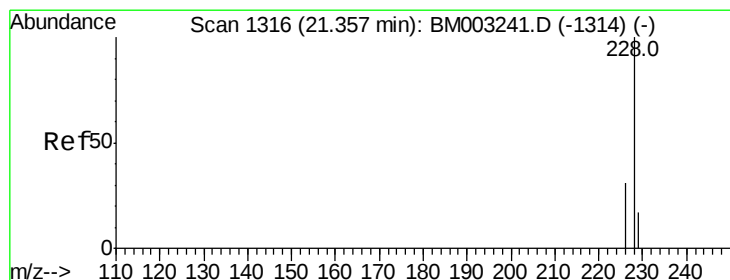
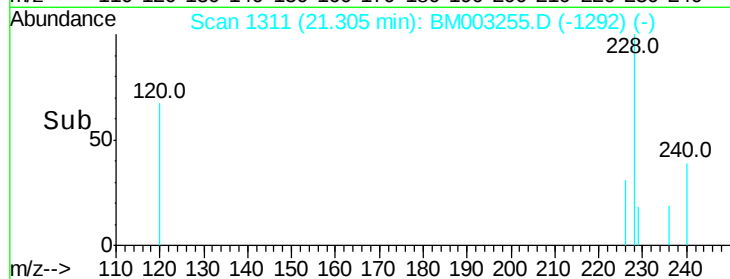
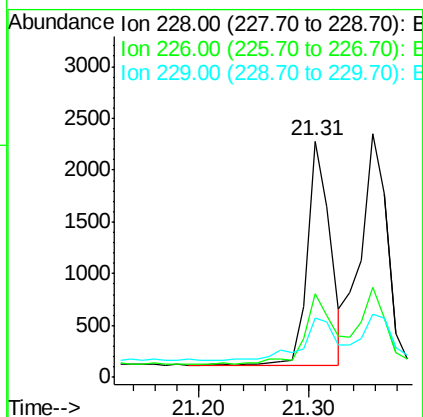
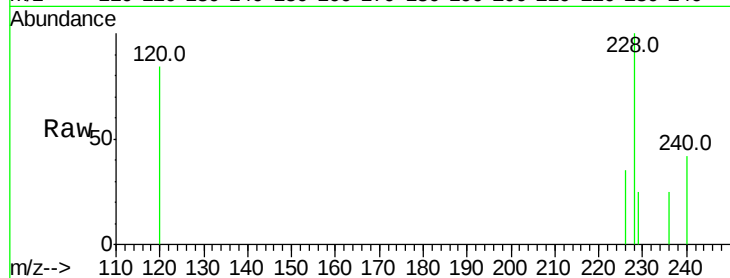
Tot Ion:228 Resp: 3089

Ion Ratio Lower Upper

228 100

226 35.1 18.8 28.2#

229 25.0 17.1 25.7



#21

Chrysene

Concen: 0.02 ng/ul

RT: 21.36 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

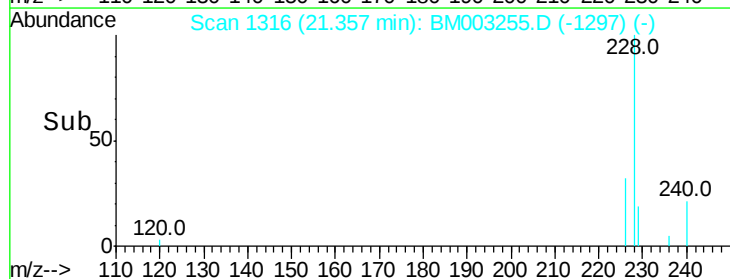
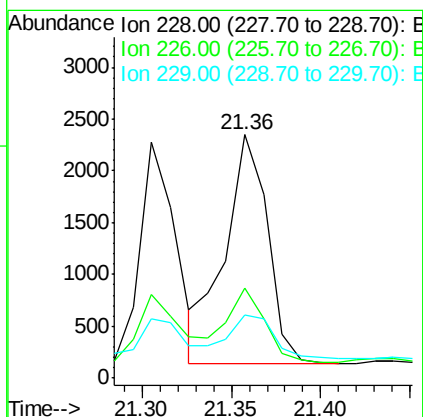
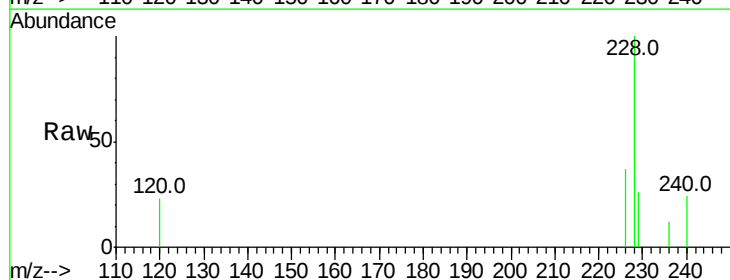
Tgt Ion:228 Resp: 3657

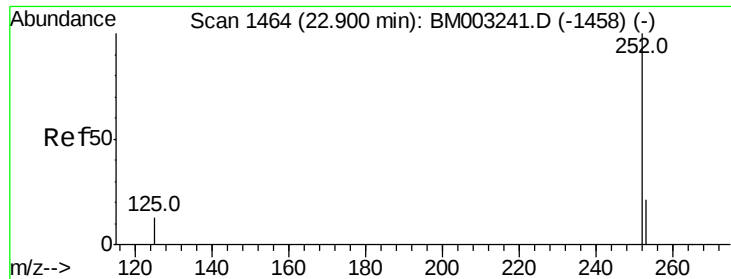
Ion Ratio Lower Upper

228 100

226 36.9 21.2 31.8#

229 25.8 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.84 min Scan# 1458

Delta R.T. -0.06 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

Instrument :

BNA_M

ClientSampleId :

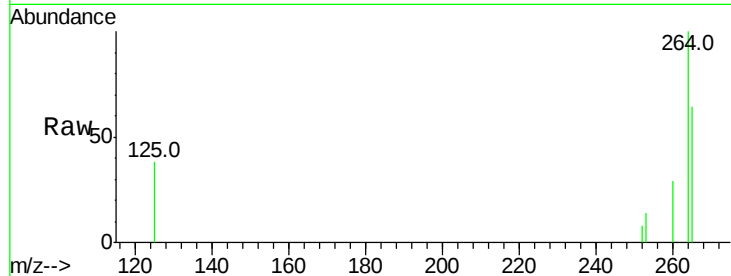
Tot Ion:252 Resp: 161

Ion Ratio Lower Upper

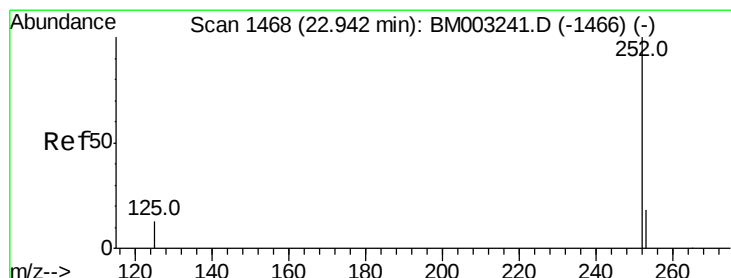
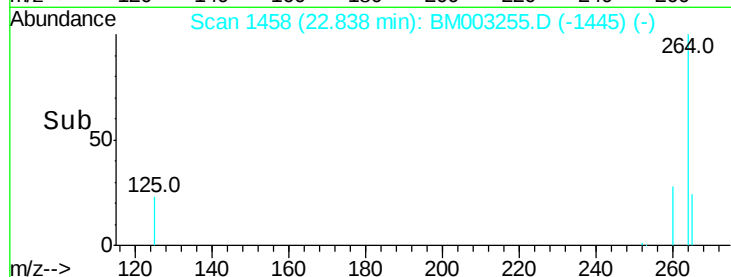
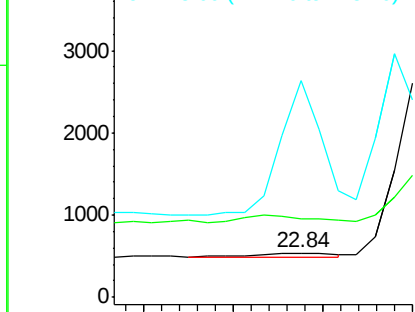
252 100

253 177.7 0.0 45.4#

125 489.6 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: 0.00 ng/u1

RT: 22.90 min Scan# 1464

Delta R.T. -0.04 min

Lab File: BM003255.D

Acq: 21 Nov 2015 18:42

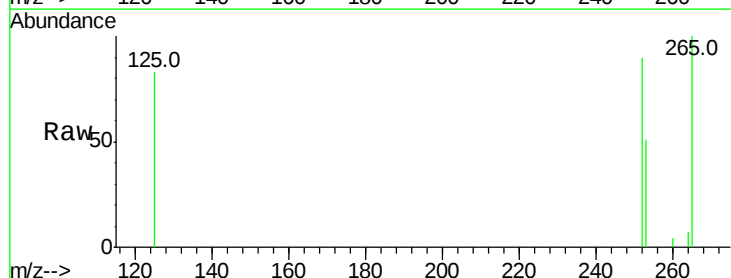
Tgt Ion:252 Resp: 6298

Ion Ratio Lower Upper

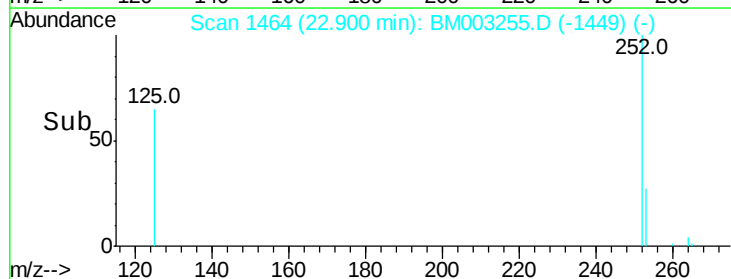
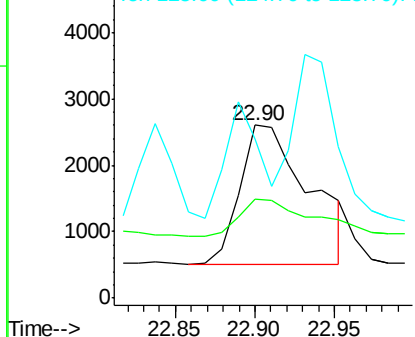
252 100

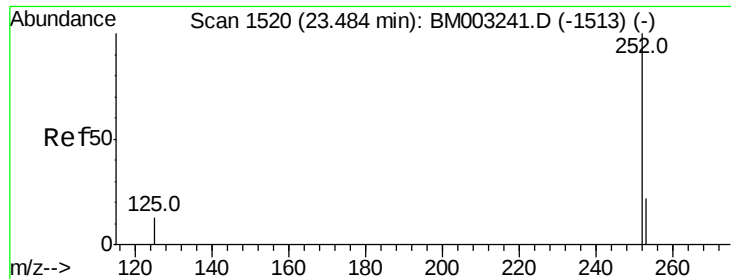
253 57.0 19.8 29.8#

125 92.2 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

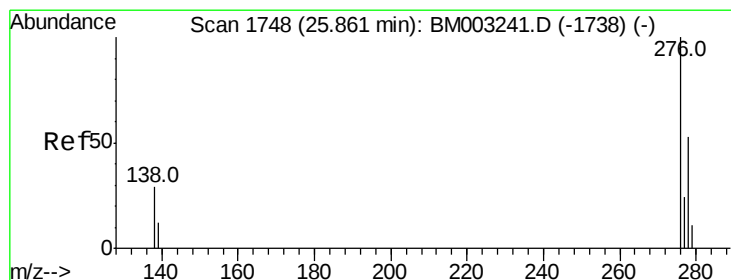
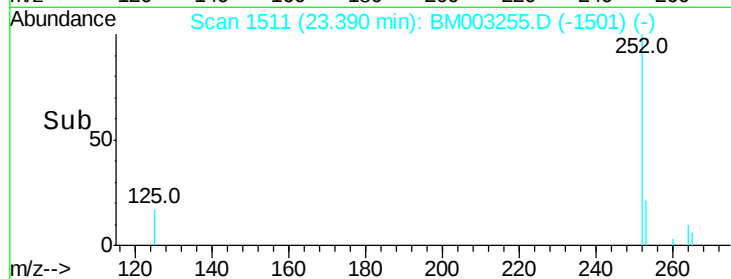
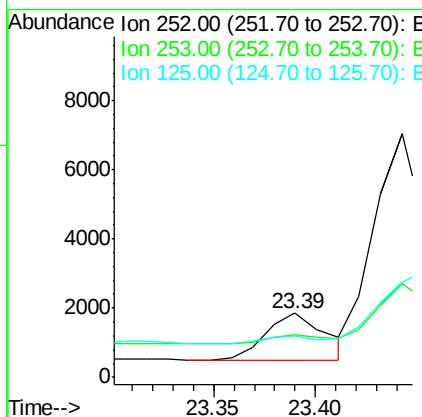
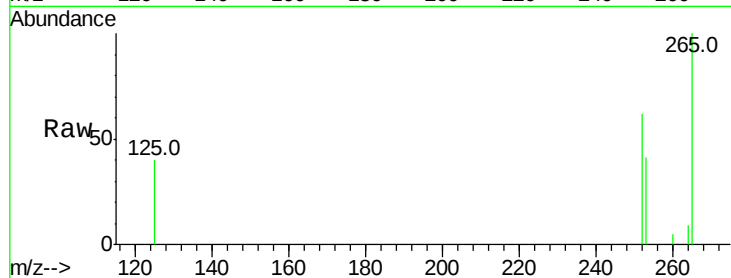




#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.39 min Scan# 1511
Delta R.T. -0.09 min
Lab File: BM003255.D
Acq: 21 Nov 2015 18:42

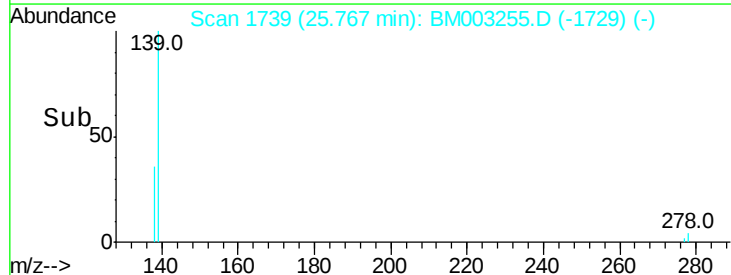
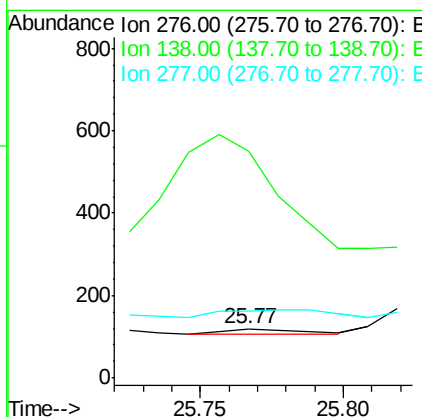
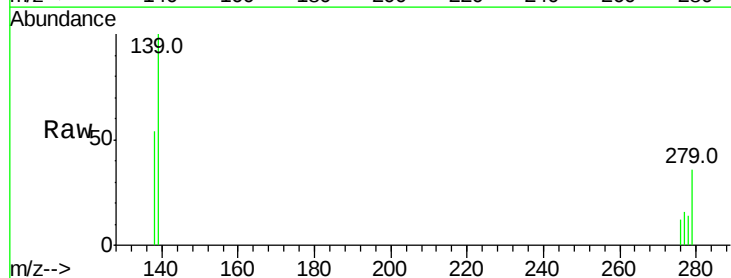
Instrument :
BNA_M
ClientSampleId :

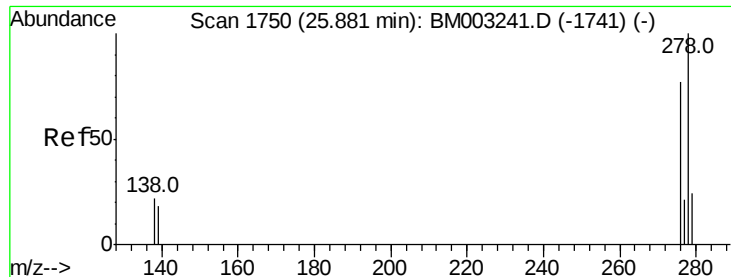
Tot Ion:252 Resp: 2726
Ion Ratio Lower Upper
252 100
253 67.0 19.4 29.2#
125 64.9 12.7 19.1#



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.77 min Scan# 1739
Delta R.T. -0.09 min
Lab File: BM003255.D
Acq: 21 Nov 2015 18:42

Tgt Ion:276 Resp: 24
Ion Ratio Lower Upper
276 100
138 0.0 16.3 24.5#
277 212.5 19.8 29.8#

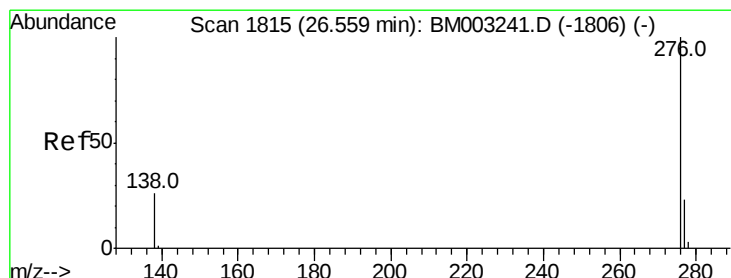
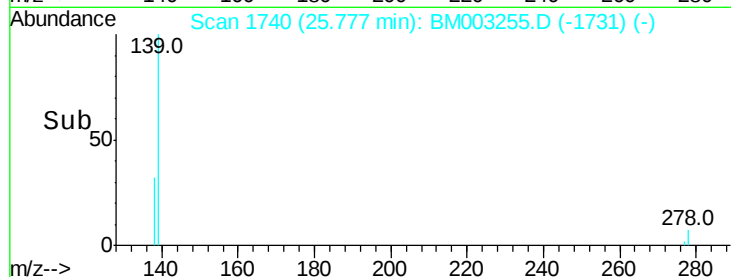
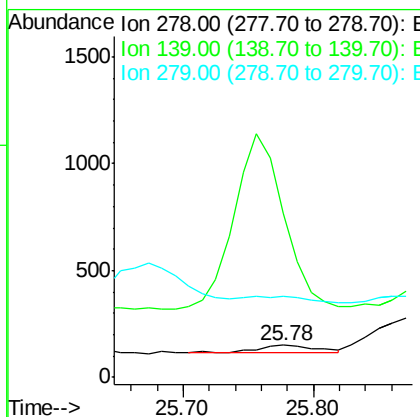
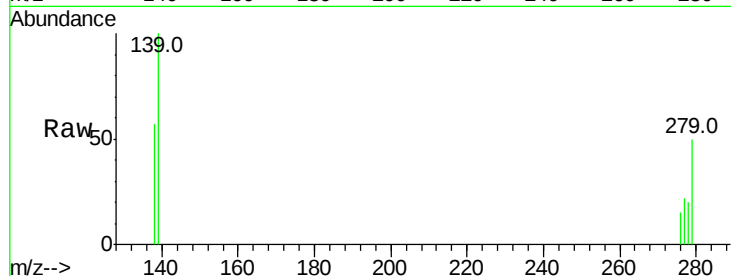




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.78 min Scan# 1740
Delta R.T. -0.10 min
Lab File: BM003255.D
Acq: 21 Nov 2015 18:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 118
Ion Ratio Lower Upper
278 100
139 512.7 16.4 24.6#
279 254.7 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.40 min Scan# 1800
Delta R.T. -0.16 min
Lab File: BM003255.D
Acq: 21 Nov 2015 18:42

Tgt Ion:276 Resp: 24
Ion Ratio Lower Upper
276 100
277 134.5 18.9 28.3#
138 263.7 22.5 33.7#

