

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003842.D
 Acq On : 28 Dec 2015 23:21
 Operator : SJ/UM
 Sample : G4848-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N52

Quant Time: Dec 29 07:15:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 29 07:09:39 2015
 Response via : Initial Calibration

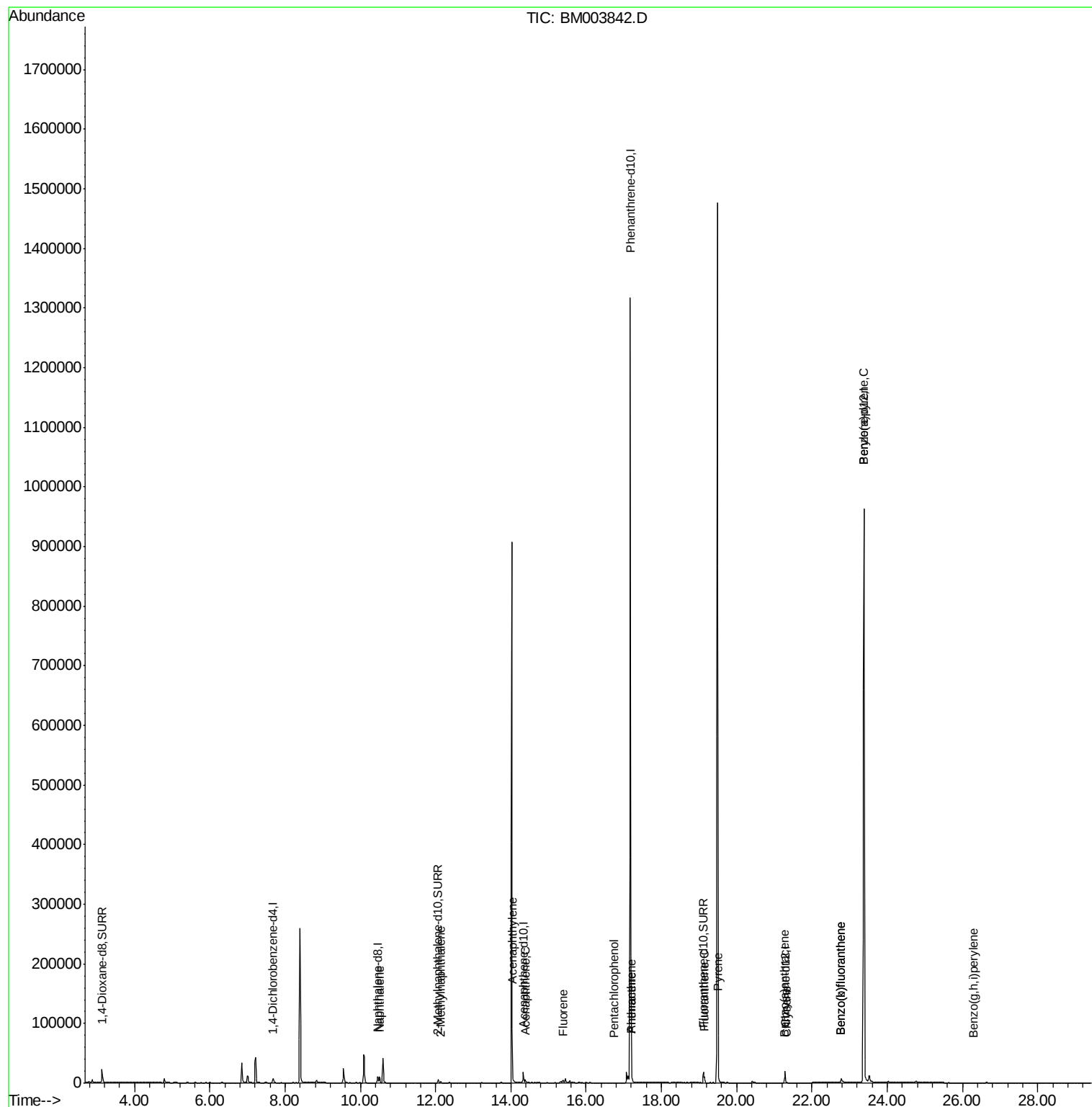
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3637	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	15979	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	9877	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	1570911	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	18071	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1225845	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	17235	11.09	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	7613	0.40	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	21458	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.51	128	14038	0.39	ng/ul	97
7) 2-Methylnaphthalene	12.14	142	2461	0.10	ng/ul	99
9) Acenaphthylene	14.04	152	501	0.01	ng/ul#	59
10) Acenaphthene	14.38	153	3320	0.11	ng/ul#	80
11) Fluorene	15.39	166	3453	0.10	ng/ul#	97
13) Pentachlorophenol	16.75	266	19	0.00	ng/ul	95
14) Phenanthrene	17.21	178	1992	0.00	ng/ul#	82
15) Anthracene	17.21	178	1966	0.00	ng/ul#	82
17) Fluoranthene	19.14	202	9608	0.00	ng/ul	97
19) Pyrene	19.51	202	9331	0.19	ng/ul#	91
20) Benzo(a)anthracene	21.26	228	1339	0.03	ng/ul#	84
21) Chrysene	21.31	228	1203	0.02	ng/ul#	80
23) Benzo(b)fluoranthene	22.77	252	34	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.77	252	34	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.38	252	5191	0.00	ng/ul#	48
28) Benzo(g,h,i)perylene	26.29	276	6	0.00	ng/ul#	1

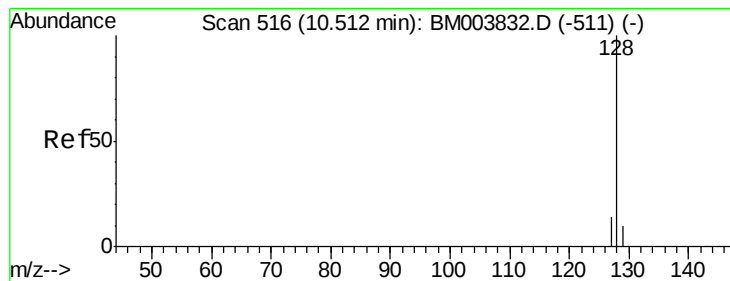
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.39 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

ClientSampleId :

D9N52

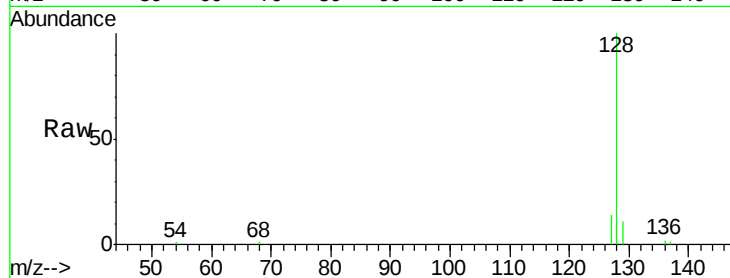
Tgt Ion:128 Resp: 14038

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

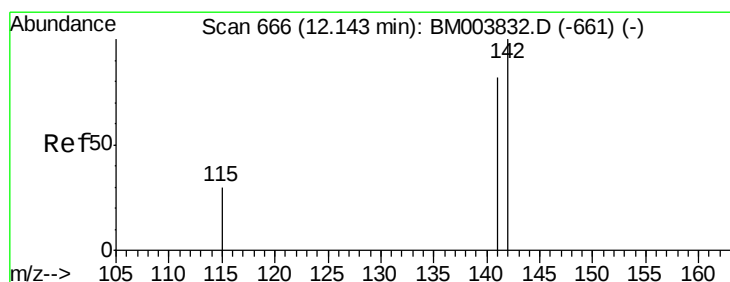
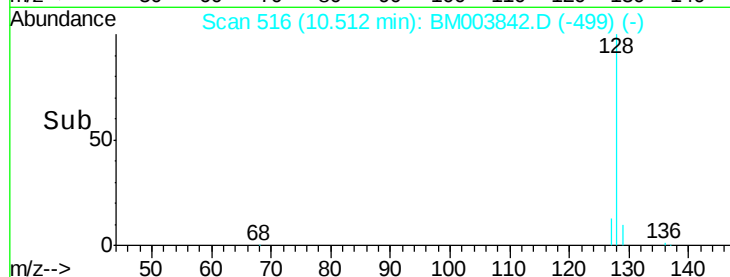
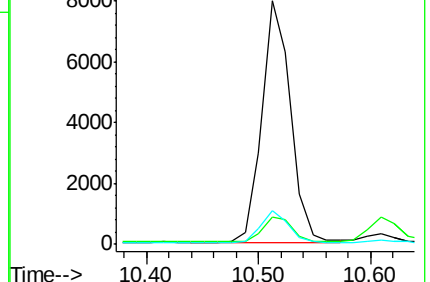
127 14.0 9.6 14.4



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: 0.10 ng/ul

RT: 12.14 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM003842.D

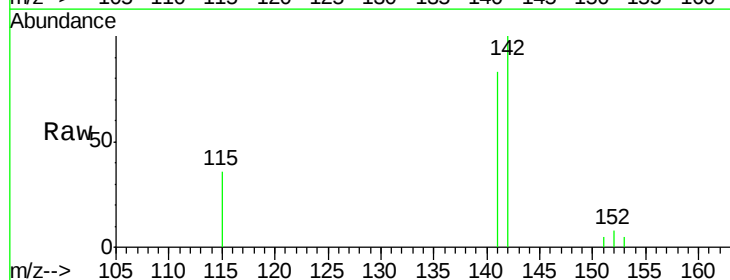
Acq: 28 Dec 2015 23:21

Tgt Ion:142 Resp: 2461

Ion Ratio Lower Upper

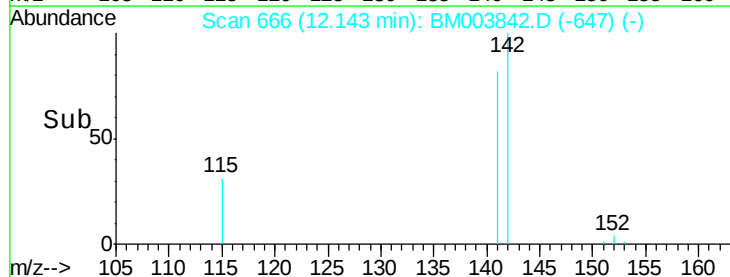
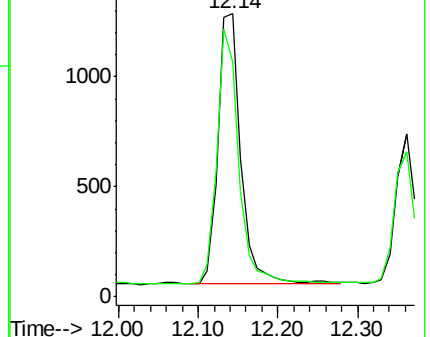
142 100

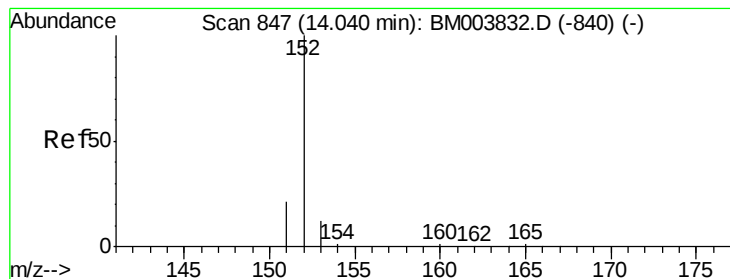
141 89.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

ClientSampleId :

D9N52

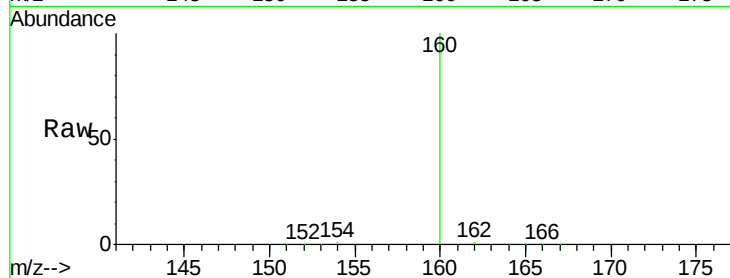
Tgt Ion:152 Resp: 501

Ion Ratio Lower Upper

152 100

151 36.8 17.6 26.4#

153 34.7 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

14.04

300

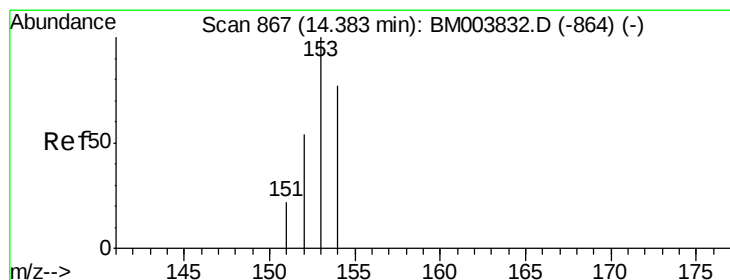
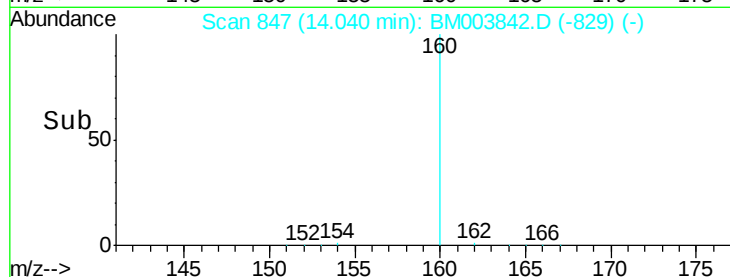
200

100

0

Time-->

13.90 14.00 14.10 14.20



#10

Acenaphthene

Concen: 0.11 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

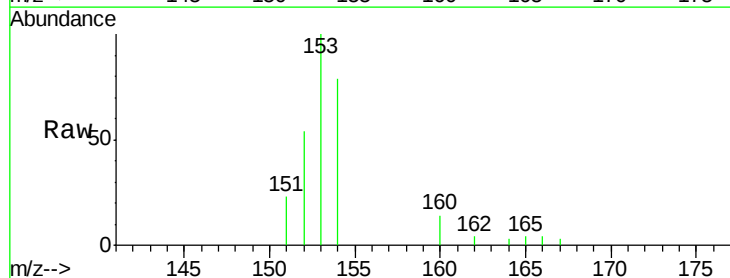
Tgt Ion:153 Resp: 3320

Ion Ratio Lower Upper

153 100

152 54.0 33.9 50.9#

154 79.5 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

14.38

2500

2000

1500

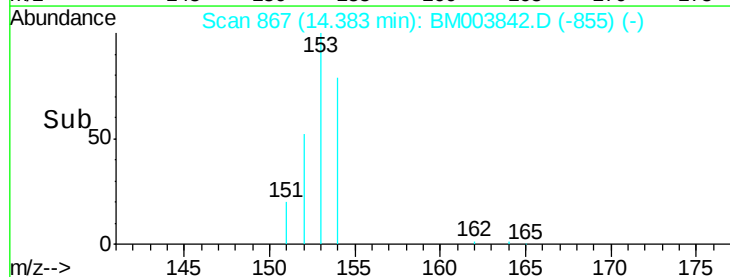
1000

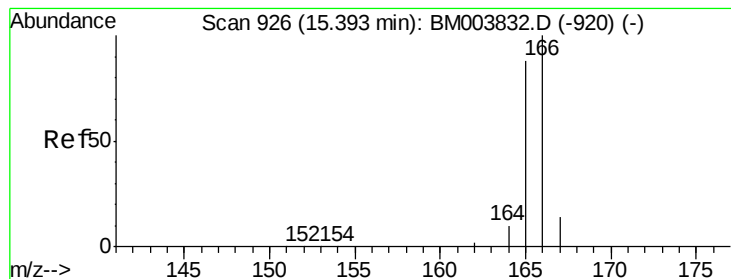
500

0

Time-->

14.30 14.35 14.40 14.45





#11

Fluorene

Concen: 0.10 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

ClientSampleId :

D9N52

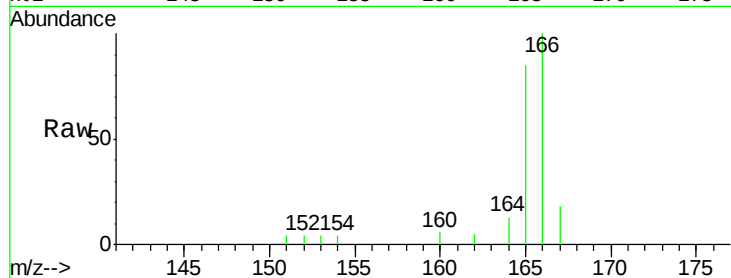
Tgt Ion:166 Resp: 3453

Ion Ratio Lower Upper

166 100

165 84.8 69.6 104.4

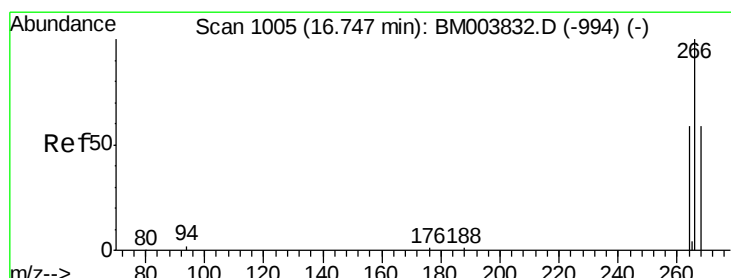
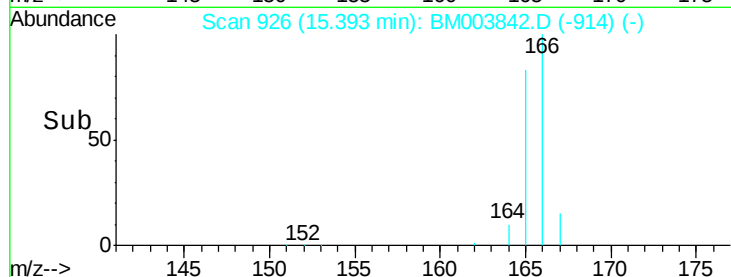
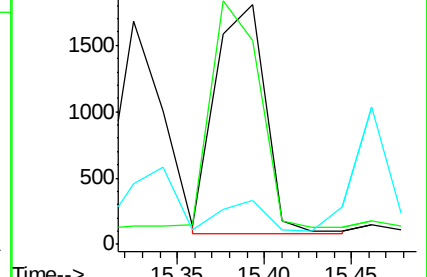
167 18.4 11.9 17.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.75 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

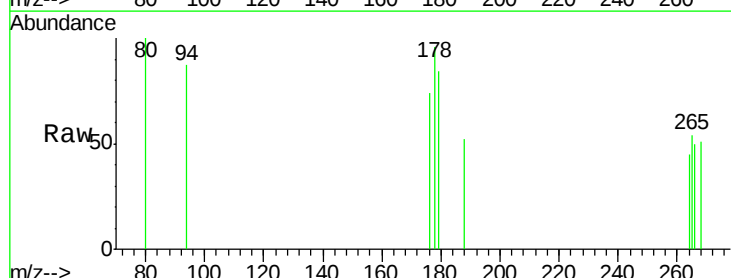
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 68.4 51.8 77.8

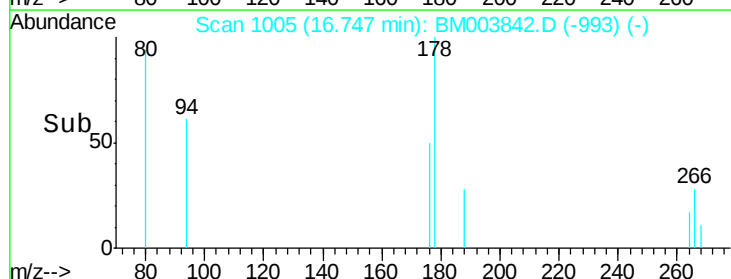
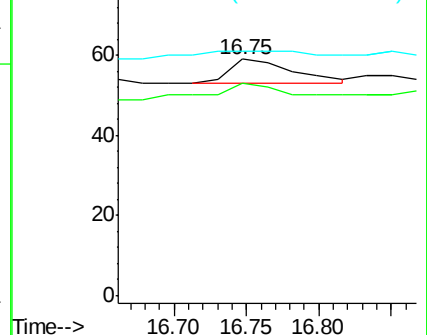
268 63.2 46.8 70.2

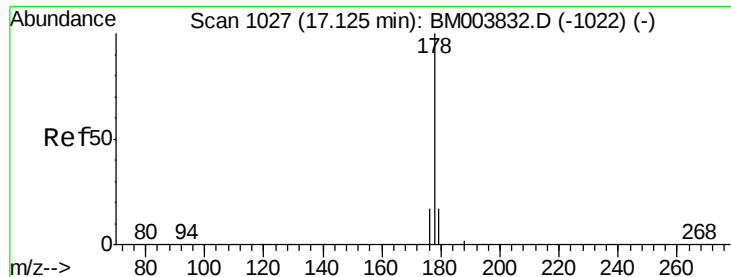


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.09 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

ClientSampleId :

D9N52

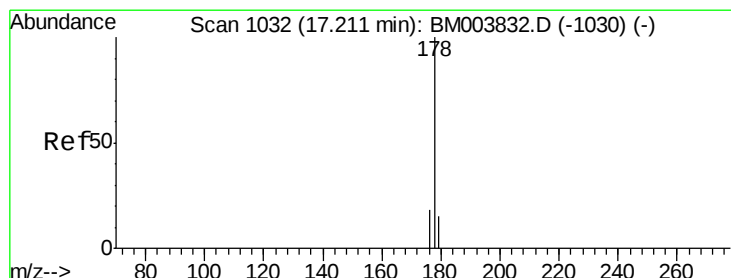
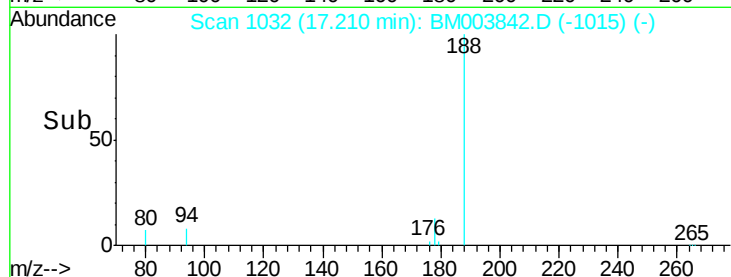
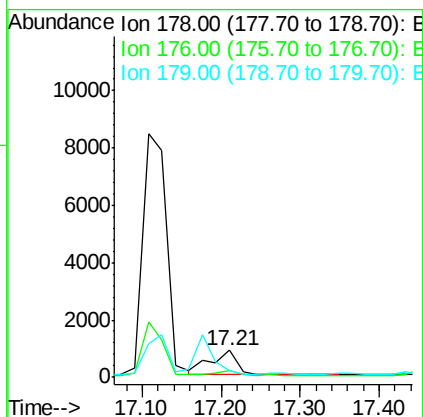
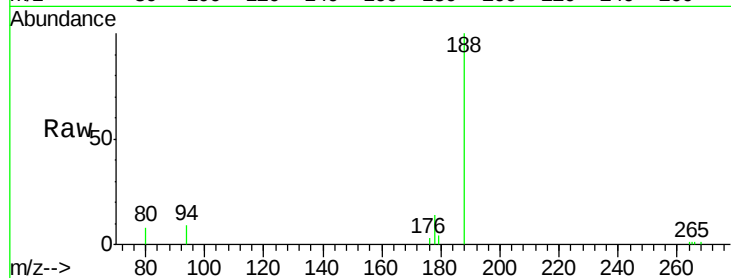
Tgt Ion:178 Resp: 1992

Ion Ratio Lower Upper

178 100

176 23.2 13.0 19.4#

179 26.3 14.2 21.2#



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

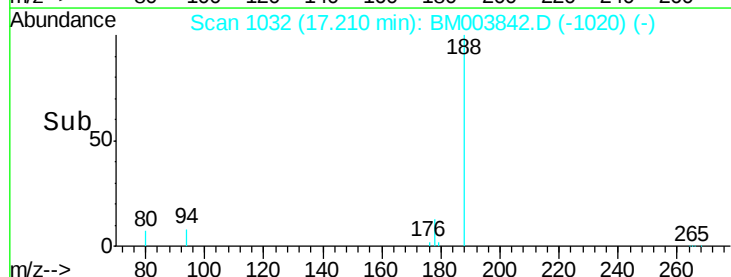
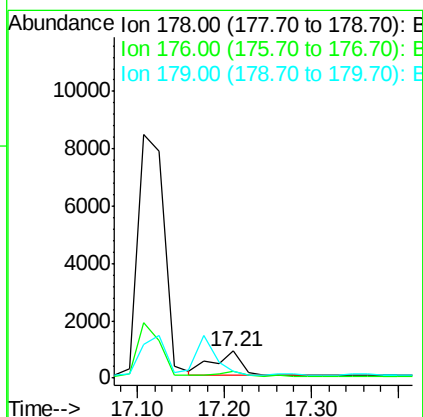
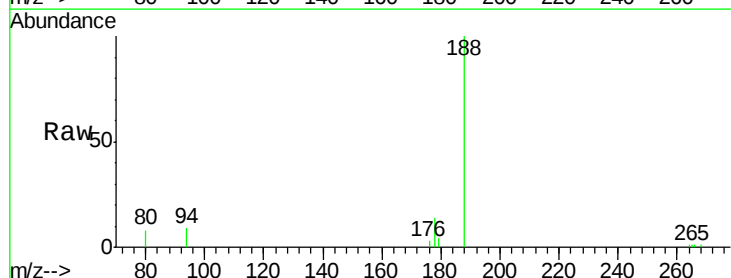
Tgt Ion:178 Resp: 1966

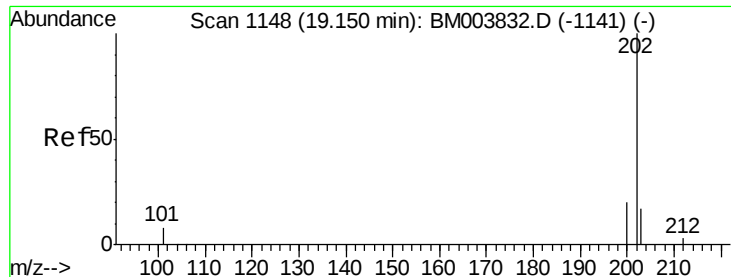
Ion Ratio Lower Upper

178 100

176 23.2 14.0 21.0#

179 26.3 12.9 19.3#

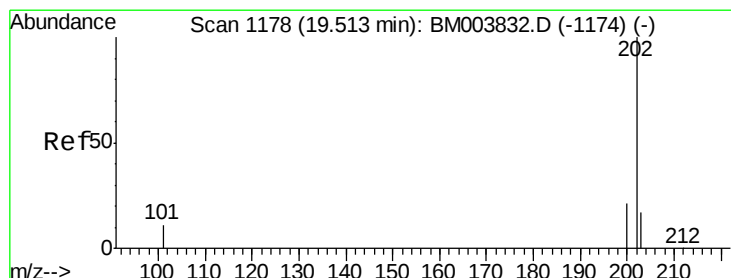
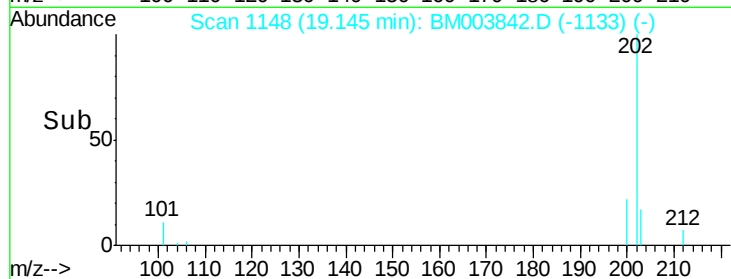
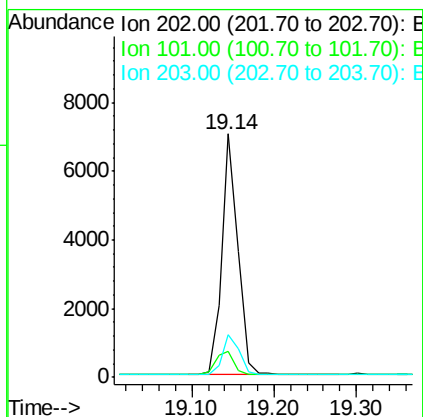
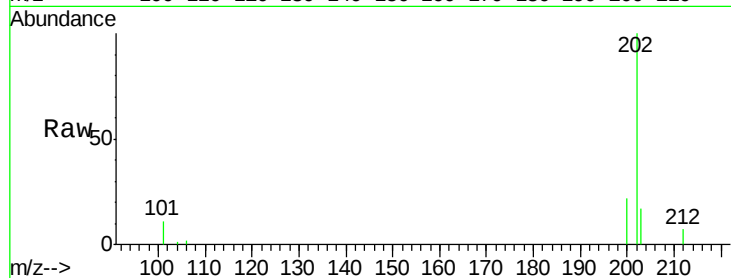




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM003842.D
 Acq: 28 Dec 2015 23:21

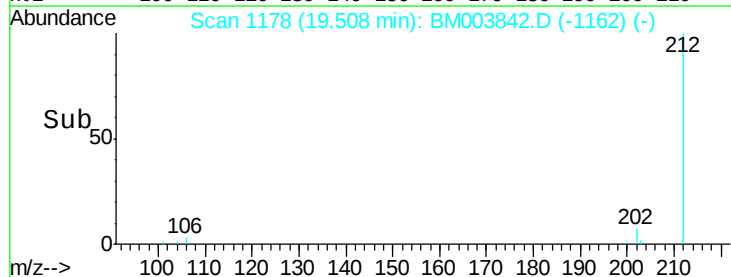
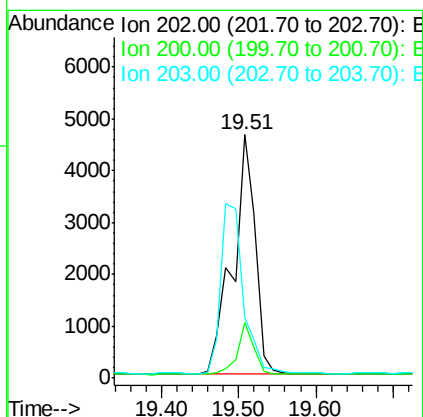
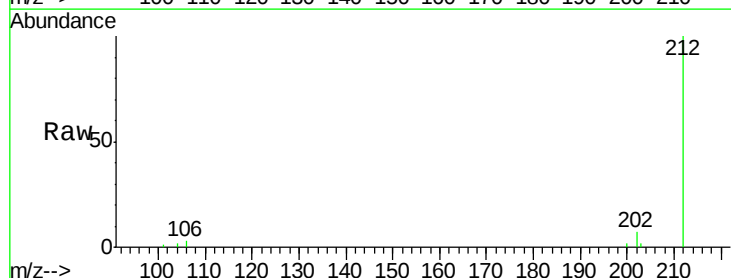
Instrument :
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 ClientSampleId :
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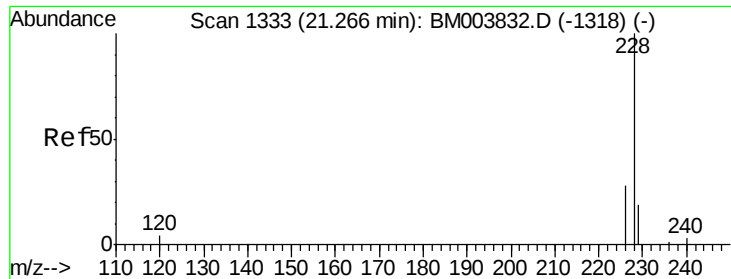
Tgt Ion:202 Resp: 9608
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 29.6
 203 17.5 0.0 36.3



#19
Pyrene
 Concen: 0.19 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BM003842.D
 Acq: 28 Dec 2015 23:21

Tgt Ion:202 Resp: 9331
 Ion Ratio Lower Upper
 202 100
 200 23.0 17.8 26.8
 203 24.7 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

ClientSampleId :

D9N52

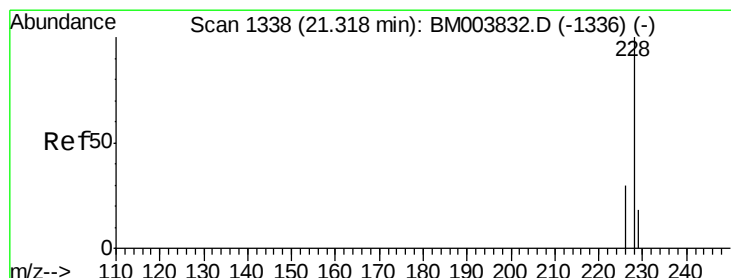
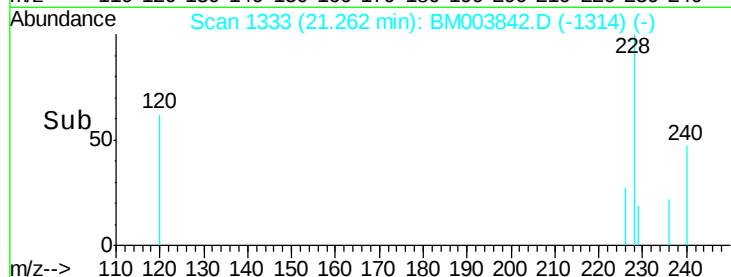
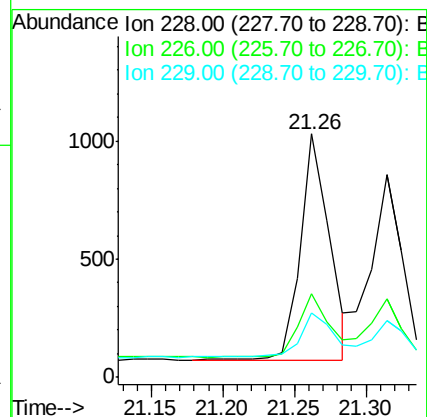
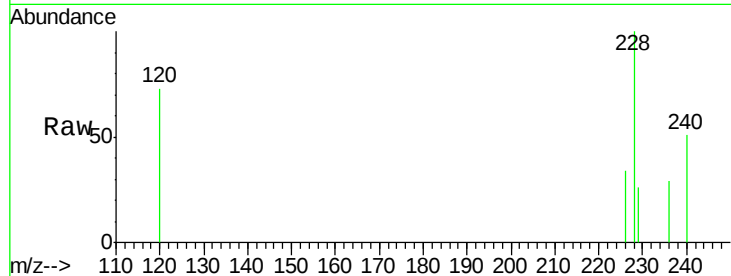
Tgt Ion:228 Resp: 1339

Ion Ratio Lower Upper

228 100

226 34.2 18.8 28.2#

229 26.2 17.1 25.7#



#21

Chrysene

Concen: 0.02 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

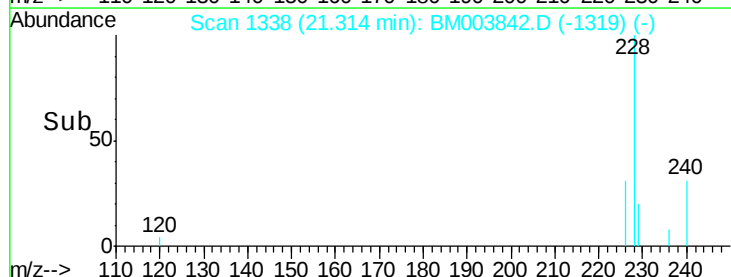
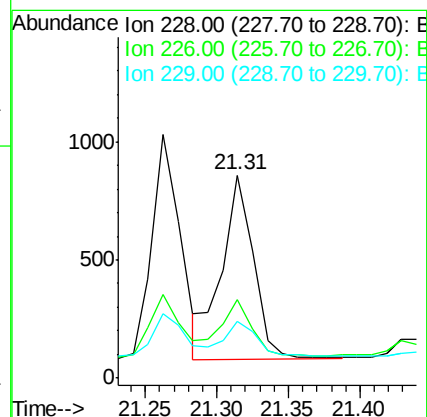
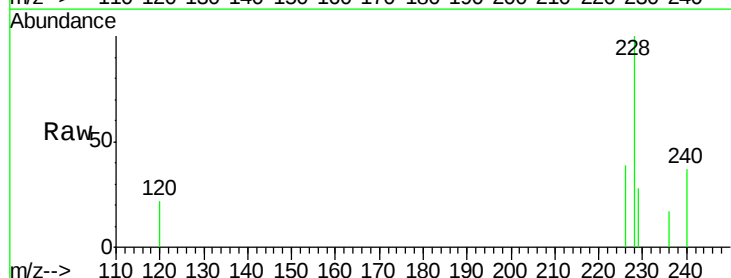
Tgt Ion:228 Resp: 1203

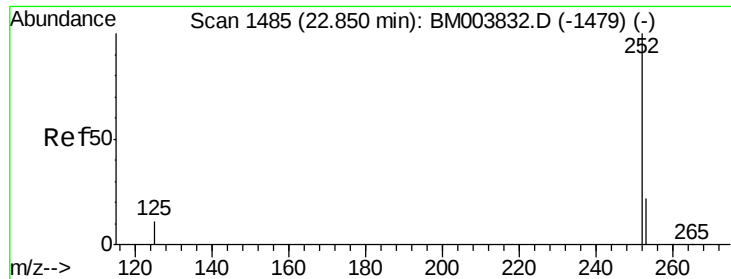
Ion Ratio Lower Upper

228 100

226 38.6 21.2 31.8#

229 28.2 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.77 min Scan# 1478

Delta R.T. -0.08 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

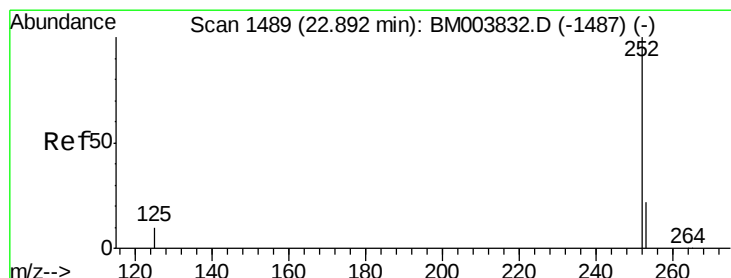
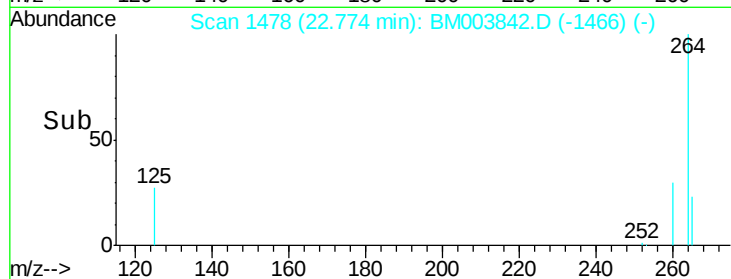
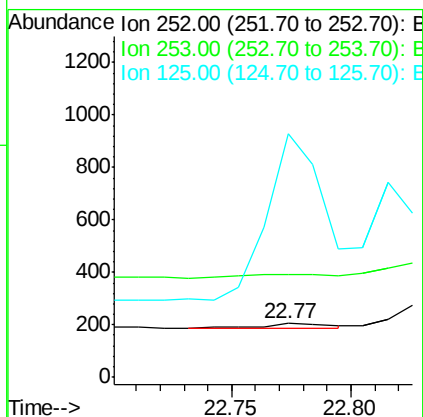
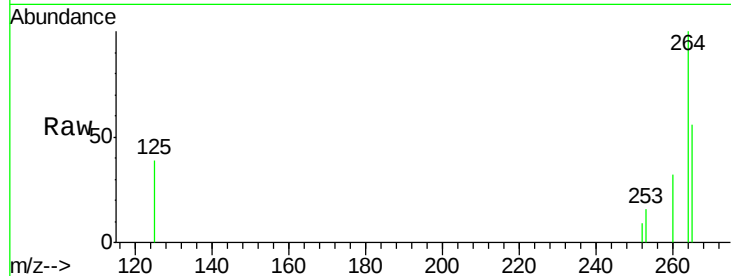
Instrument :

BNA_M

ClientSampleId :

D9N52

Tgt Ion:	252	Resp:	34
Ion	Ratio	Lower	Upper
252	100		
253	190.3	0.0	45.4#
125	450.5	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

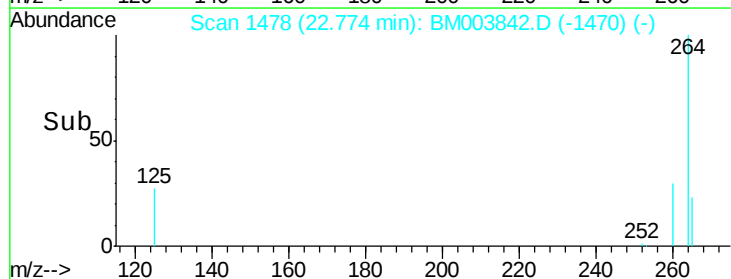
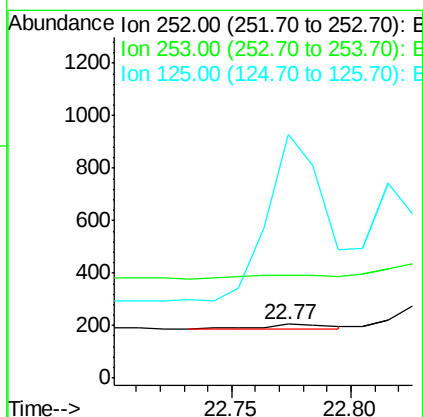
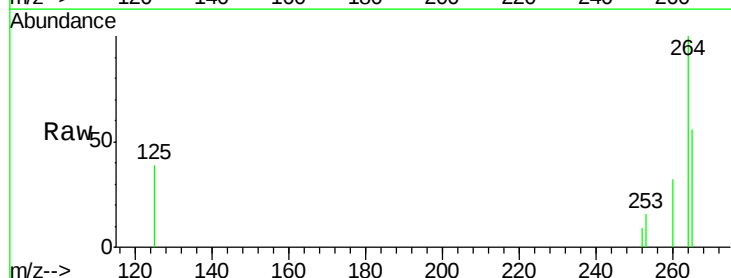
RT: 22.77 min Scan# 1478

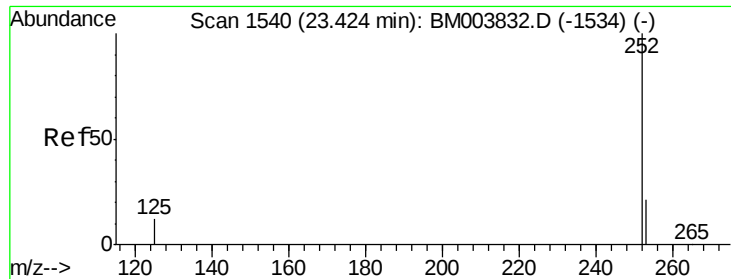
Delta R.T. -0.12 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Tgt Ion:	252	Resp:	34
Ion	Ratio	Lower	Upper
252	100		
253	190.3	19.8	29.8#
125	450.5	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.05 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

ClientSampleId :

D9N52

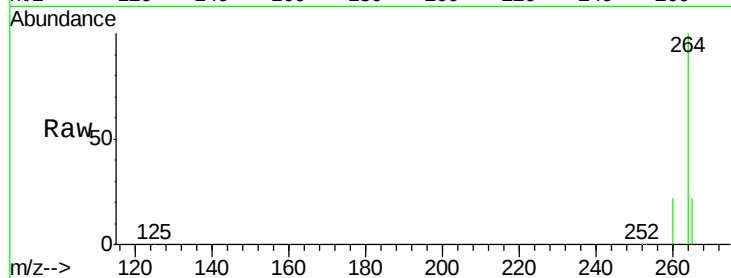
Tgt Ion: 252 Resp: 5191

Ion Ratio Lower Upper

252 100

253 40.7 19.4 29.2#

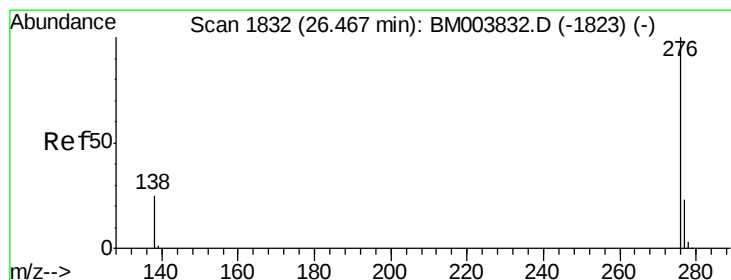
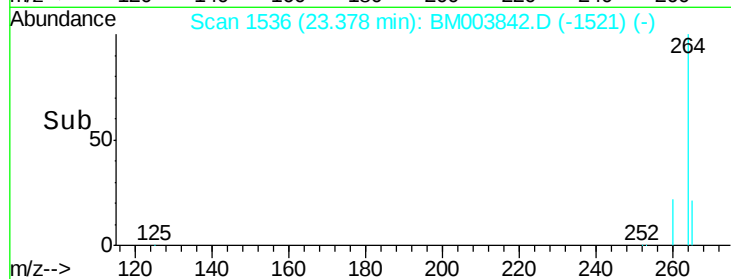
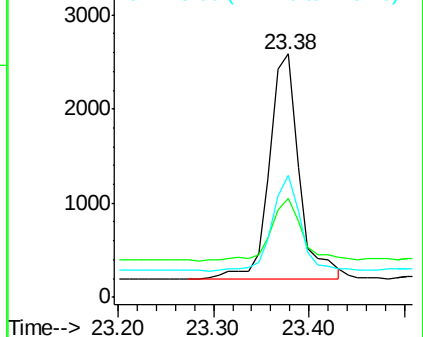
125 49.9 12.7 19.1#



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



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.29 min Scan# 1815

Delta R.T. -0.18 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

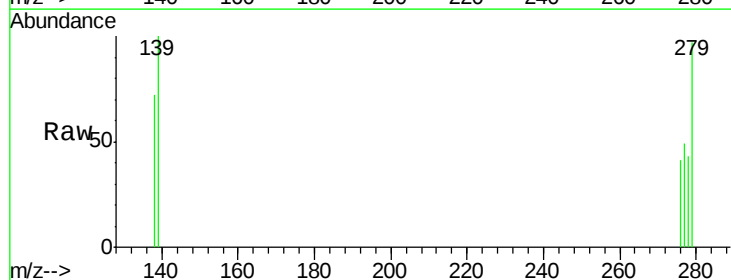
Tgt Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

277 118.8 18.9 28.3#

138 173.9 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

