

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
 Data File : BM003558.D
 Acq On : 15 Dec 2015 20:54
 Operator : UM/IZ
 Sample : PB87246BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK46

Quant Time: Dec 16 05:55:38 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 : Wed Dec 16 05:49:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4286	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	15965	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8199	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	1092272	0.40	ng/ul	0.10
18) Chrysene-d12	21.31	240	16547	0.40	ng/ul	0.00
22) Perylene-d12	23.42	264	1168131	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.18	96	27124	14.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	6401	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	11441	0.00	ng/ul	0.00

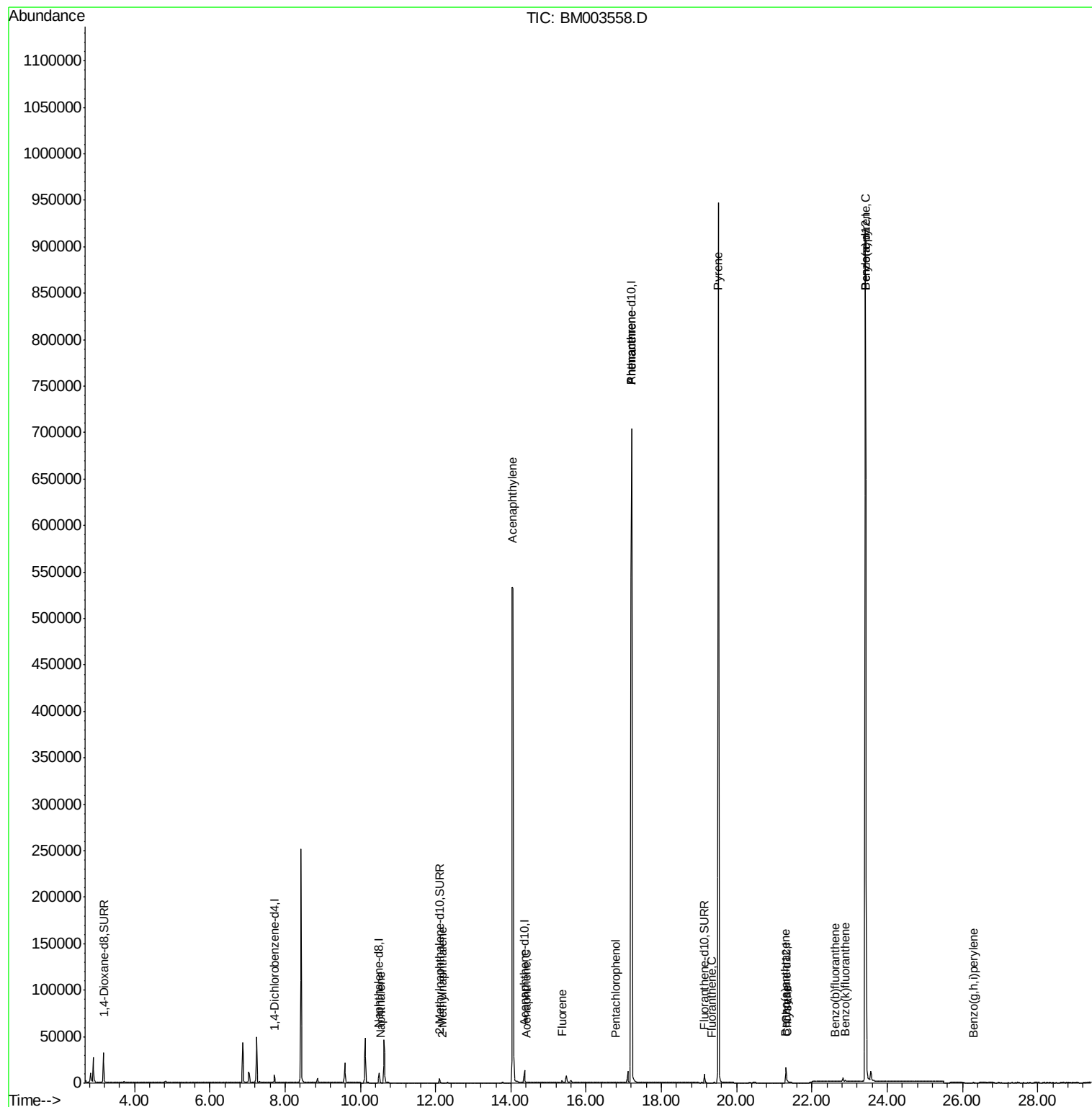
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.55	128	149	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.17	142	26	0.00	ng/ul	95
9) Acenaphthylene	14.04	152	102	0.00	ng/ul#	1
10) Acenaphthene	14.42	153	37	0.00	ng/ul#	67
11) Fluorene	15.36	166	2088	0.07	ng/ul#	20
13) Pentachlorophenol	16.78	266	29	0.00	ng/ul#	69
14) Phenanthrene	17.21	178	714	0.00	ng/ul#	1
15) Anthracene	17.21	178	564	0.00	ng/ul#	1
17) Fluoranthene	19.33	202	12	0.00	ng/ul#	1
19) Pyrene	19.51	202	2048	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.29	228	498	0.01	ng/ul#	61
21) Chrysene	21.35	228	1995	0.04	ng/ul#	89
23) Benzo(b)fluoranthene	22.62	252	19	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.89	252	1014	0.00	ng/ul#	2
25) Benzo(a)pyrene	23.42	252	4597	0.00	ng/ul#	59
28) Benzo(g,h,i)perylene	26.30	276	3	0.00	ng/ul#	1

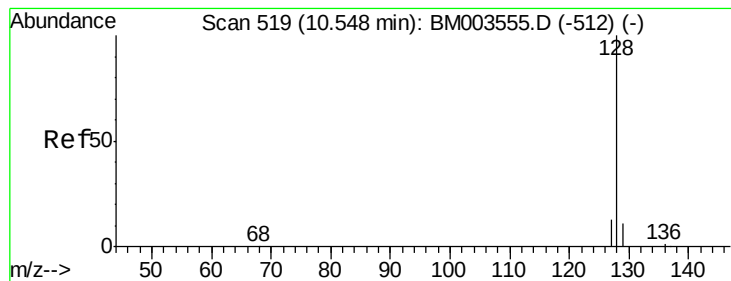
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

SBLK46

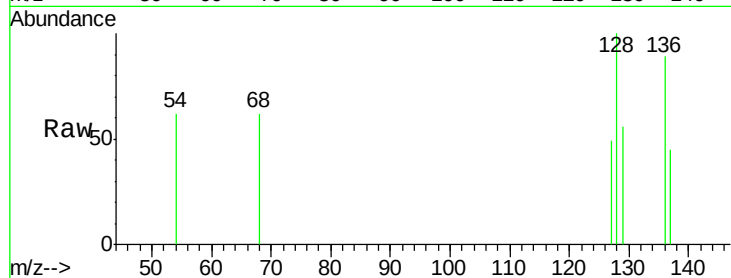
Tgt Ion:128 Resp: 149

Ion Ratio Lower Upper

128 100

129 56.4 9.0 13.6#

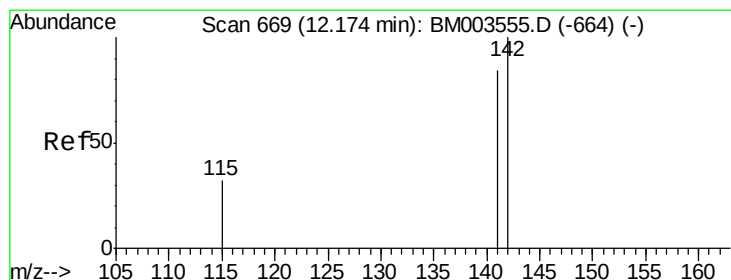
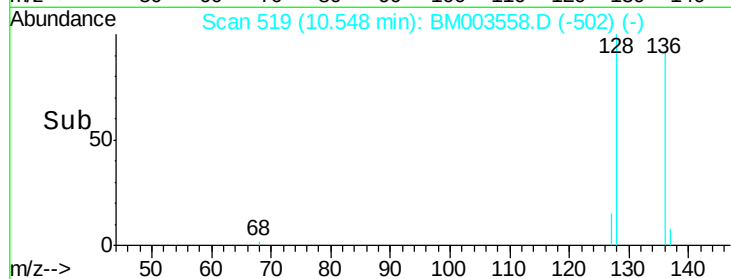
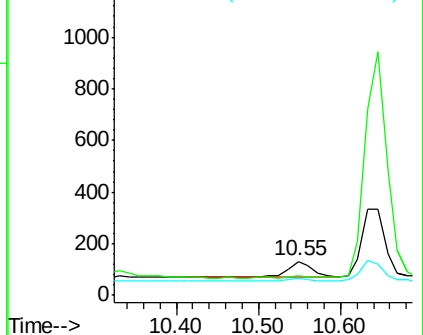
127 48.9 9.6 14.4#



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: 0.00 ng/ul

RT: 12.17 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM003558.D

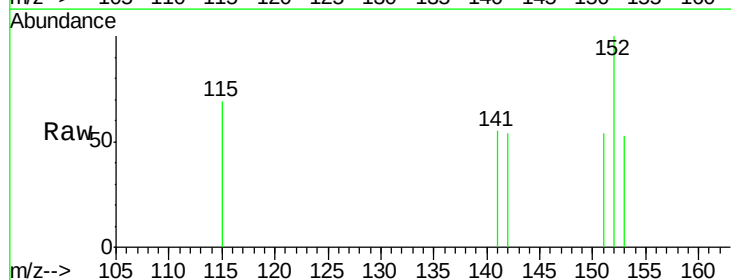
Acq: 15 Dec 2015 20:54

Tgt Ion:142 Resp: 26

Ion Ratio Lower Upper

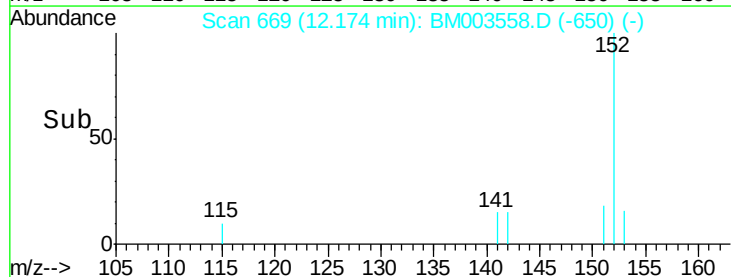
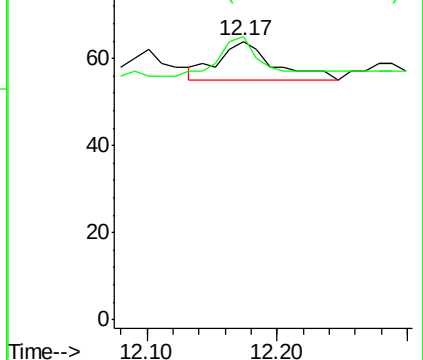
142 100

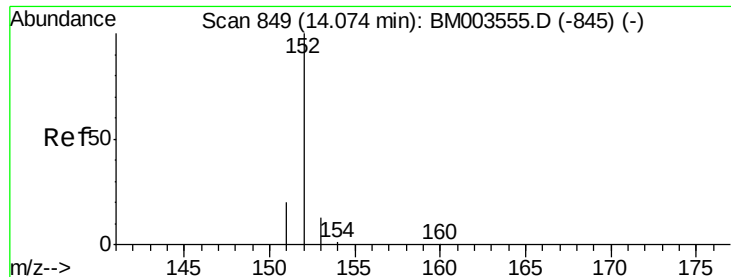
141 92.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

SBLK46

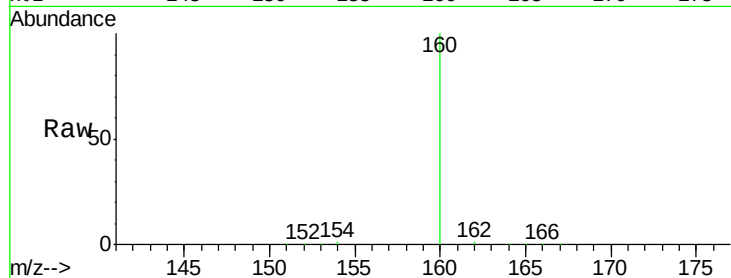
Tgt Ion:152 Resp: 102

Ion Ratio Lower Upper

152 100

151 54.4 17.6 26.4#

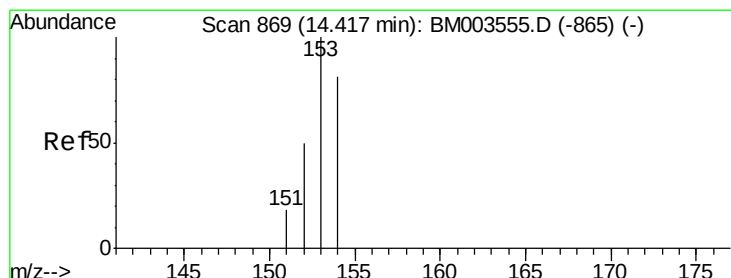
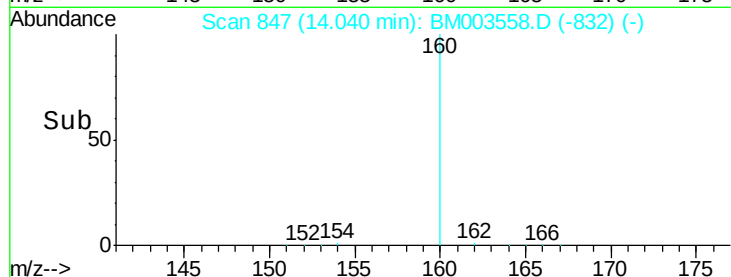
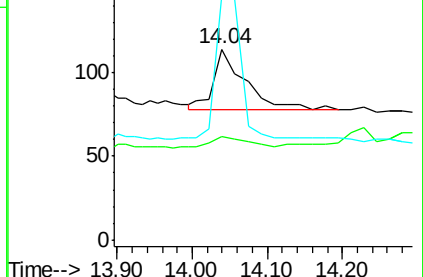
153 128.1 9.7 14.5#



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: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

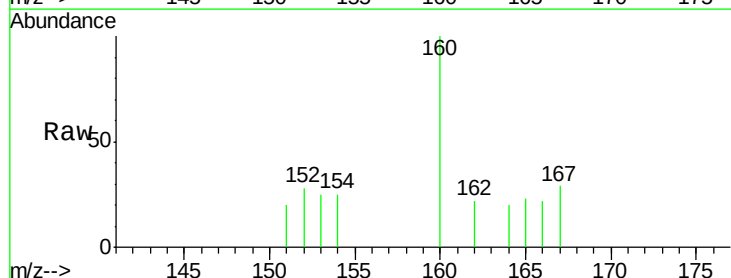
Tgt Ion:153 Resp: 37

Ion Ratio Lower Upper

153 100

152 110.8 33.9 50.9#

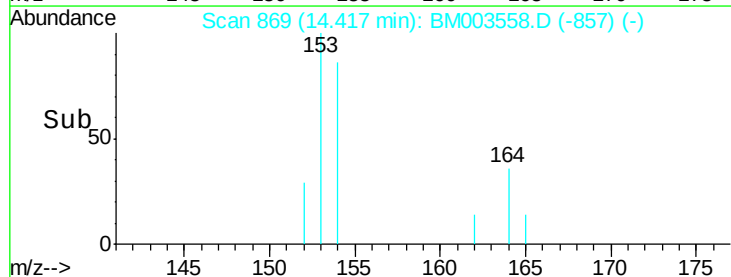
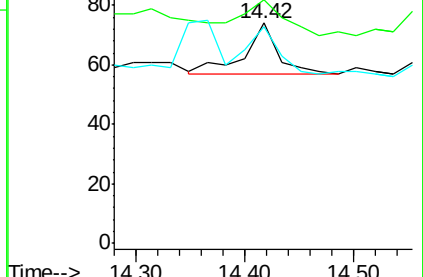
154 98.6 80.6 121.0

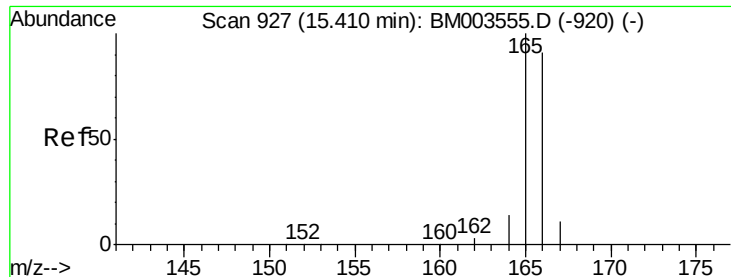


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

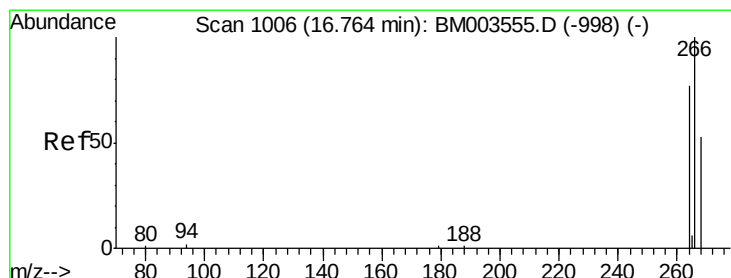
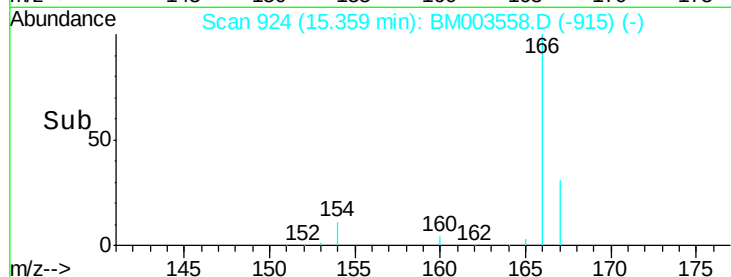
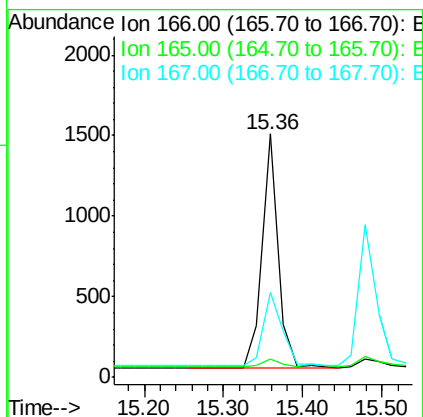
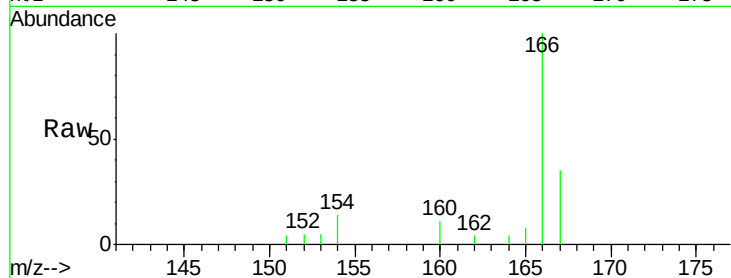




#11
 Fluorene
 Concen: 0.07 ng/ul
 RT: 15.36 min Scan# 924
 Delta R.T. -0.05 min
 Lab File: BM003558.D
 Acq: 15 Dec 2015 20:54

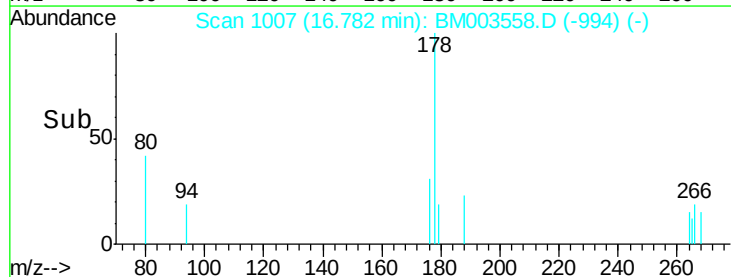
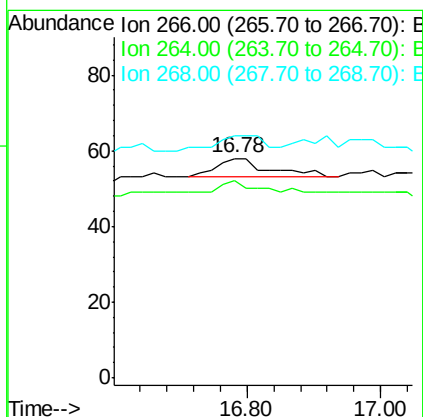
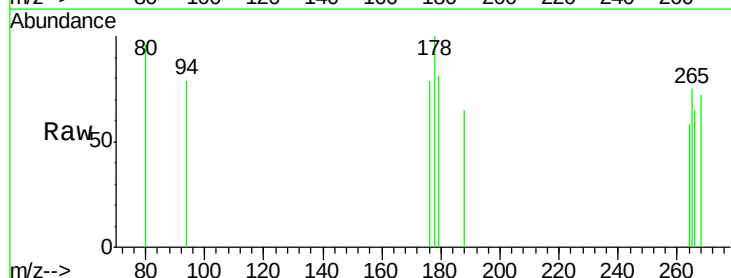
Instrument :
 BNA_M
 ClientSampleId :
 SBLK46

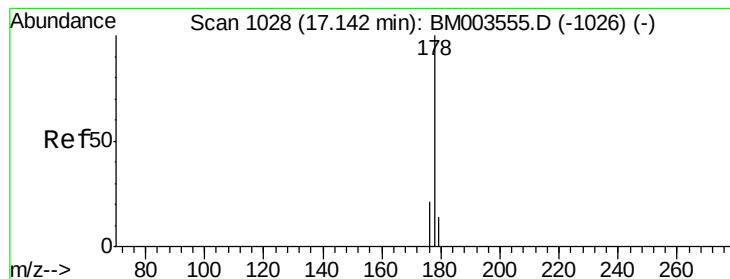
Tgt Ion:166 Resp: 2088
 Ion Ratio Lower Upper
 166 100
 165 7.6 69.6 104.4#
 167 34.7 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.78 min Scan# 1007
 Delta R.T. 0.02 min
 Lab File: BM003558.D
 Acq: 15 Dec 2015 20:54

Tgt Ion:266 Resp: 29
 Ion Ratio Lower Upper
 266 100
 264 31.0 51.8 77.8#
 268 72.4 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.07 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

SBLK46

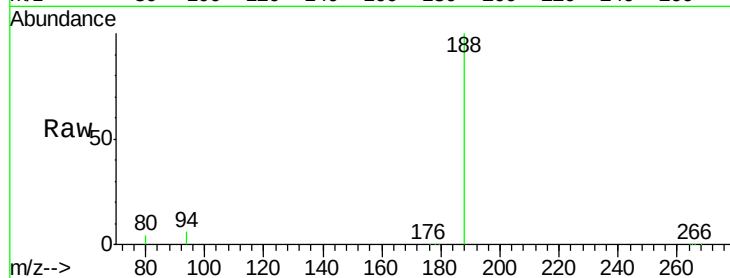
Tgt Ion:178 Resp: 714

Ion Ratio Lower Upper

178 100

176 22.7 13.0 19.4#

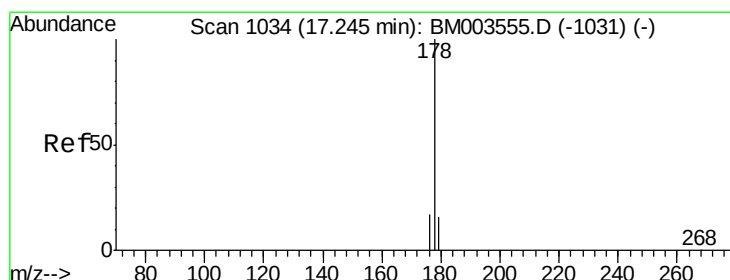
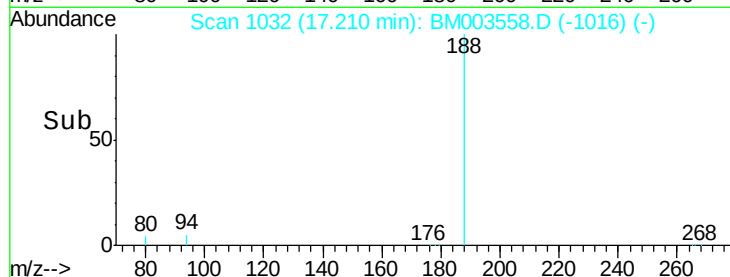
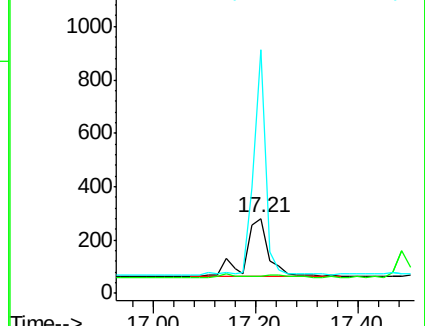
179 323.4 14.2 21.2#



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: 17.21 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

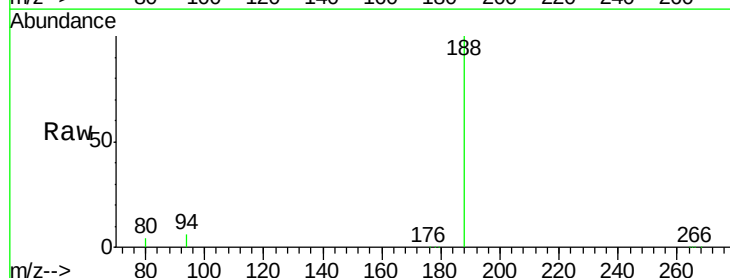
Tgt Ion:178 Resp: 564

Ion Ratio Lower Upper

178 100

176 22.7 14.0 21.0#

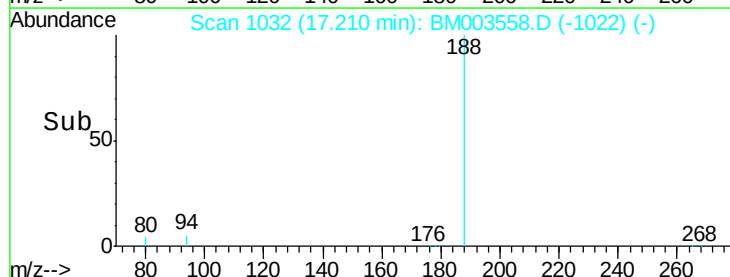
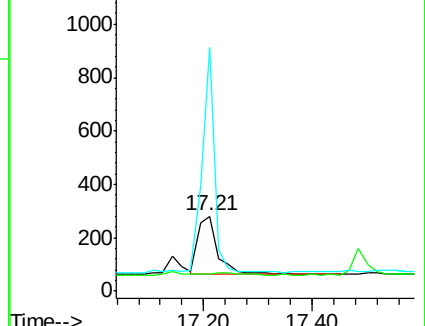
179 323.4 12.9 19.3#

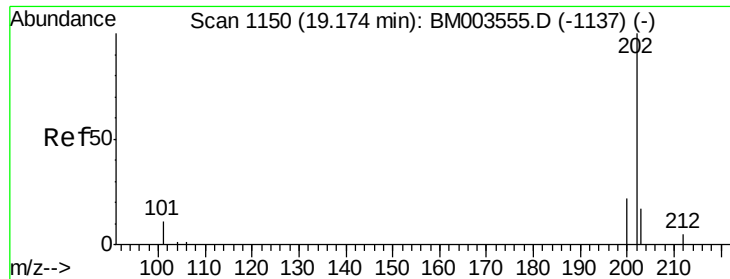


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

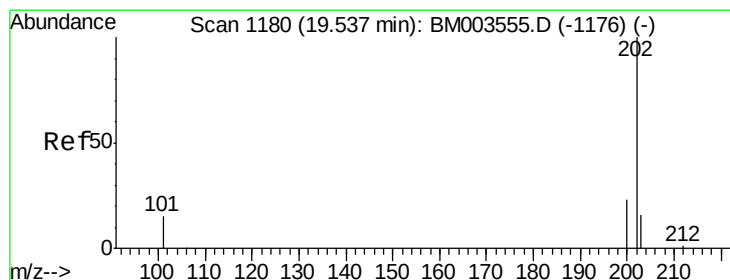
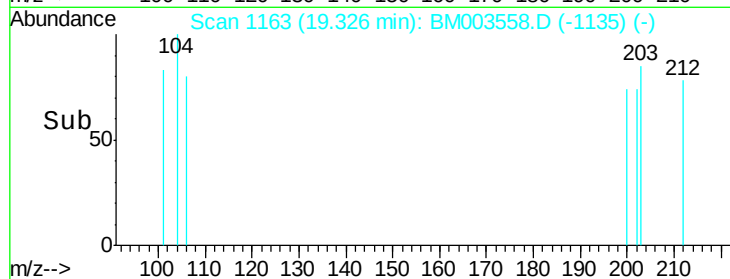
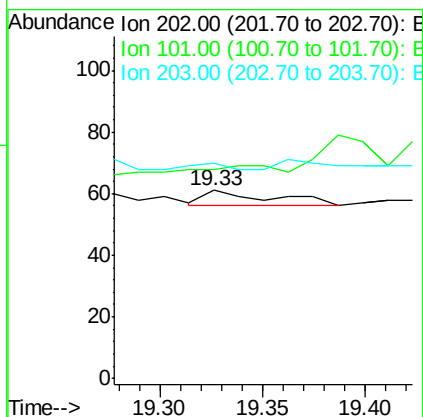
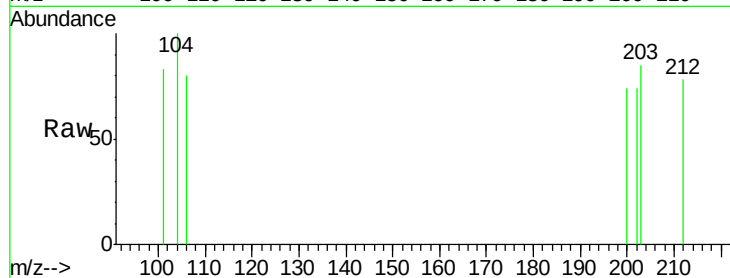




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. 0.15 min
Lab File: BM003558.D
Acq: 15 Dec 2015 20:54

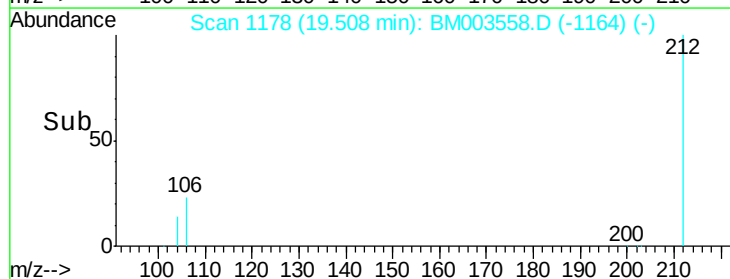
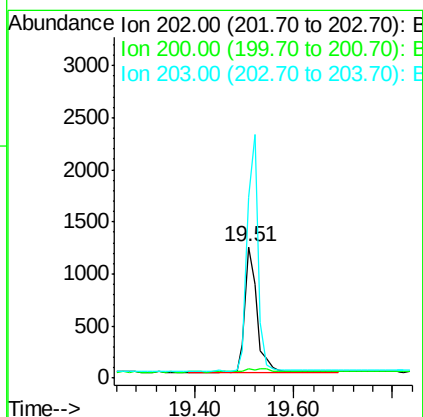
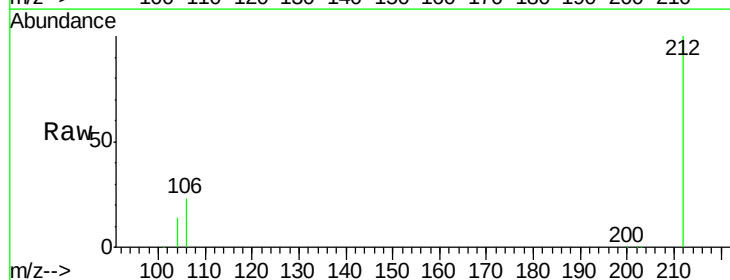
Instrument :
BNA_M
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SBLK46

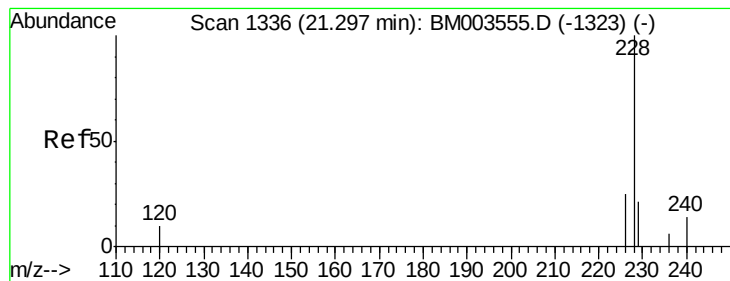
Tgt Ion:202 Resp: 12
Ion Ratio Lower Upper
202 100
101 111.5 0.0 29.6#
203 114.8 0.0 36.3#



#19
Pyrene
Concen: 0.05 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BM003558.D
Acq: 15 Dec 2015 20:54

Tgt Ion:202 Resp: 2048
Ion Ratio Lower Upper
202 100
200 7.1 17.8 26.8#
203 138.3 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

SBLK46

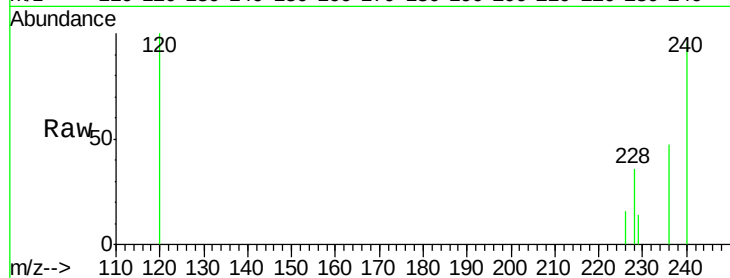
Tgt Ion:228 Resp: 498

Ion Ratio Lower Upper

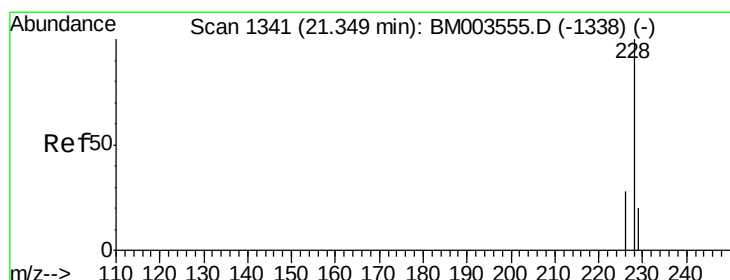
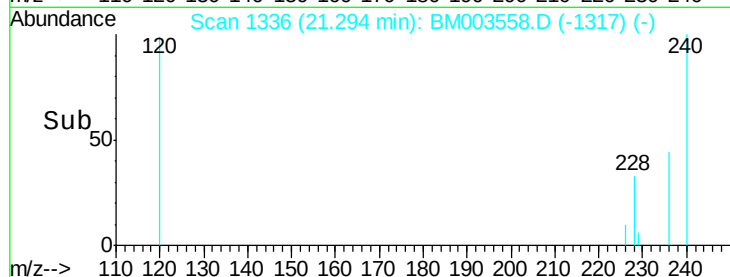
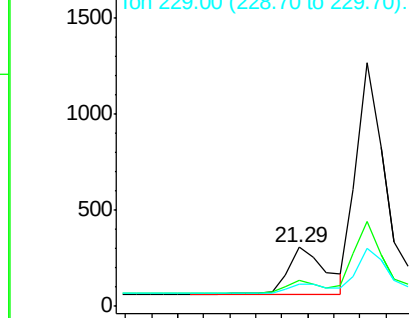
228 100

226 44.8 18.8 28.2#

229 37.6 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: 0.04 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

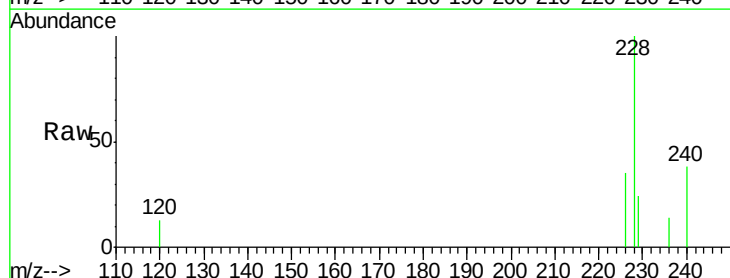
Tgt Ion:228 Resp: 1995

Ion Ratio Lower Upper

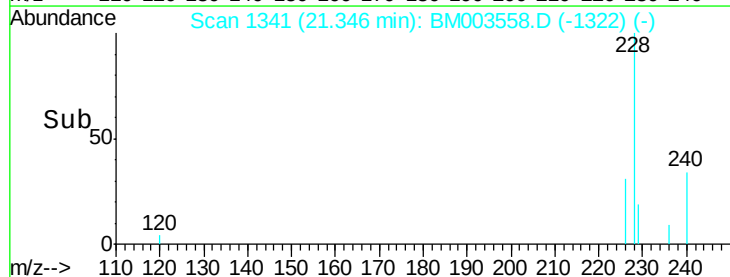
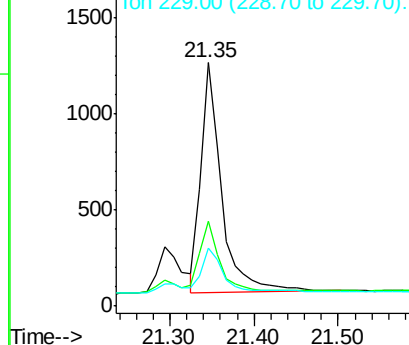
228 100

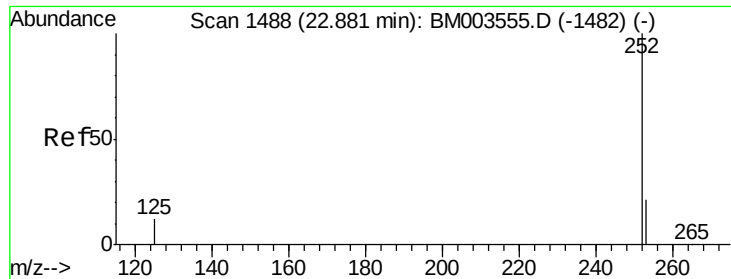
226 34.7 21.2 31.8#

229 23.6 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/ul

RT: 22.62 min Scan# 1463

Delta R.T. -0.26 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

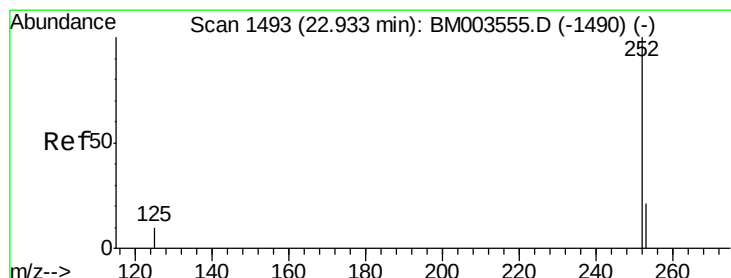
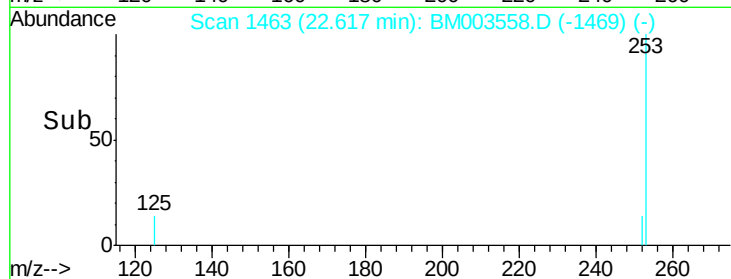
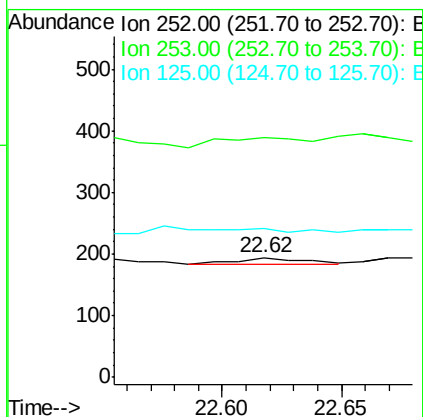
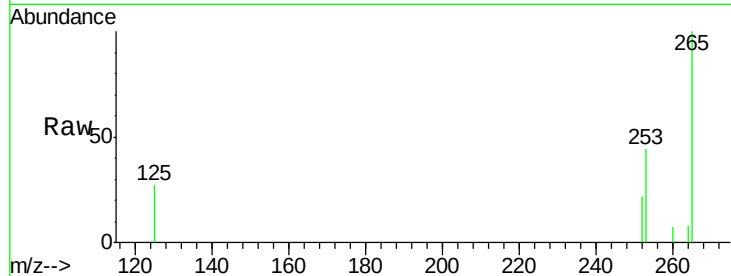
Instrument :

BNA_M

ClientSampleId :

SBLK46

Tgt Ion:	252	Resp:	19
Ion	Ratio	Lower	Upper
252	100		
253	201.0	0.0	45.4#
125	124.2	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

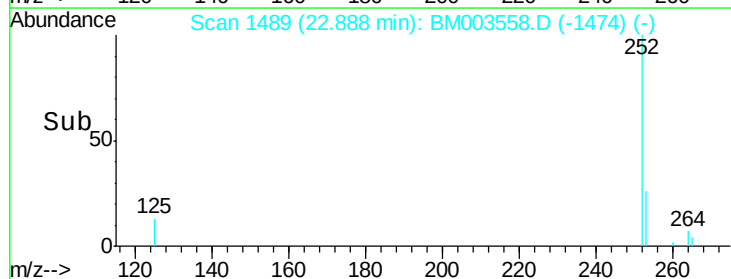
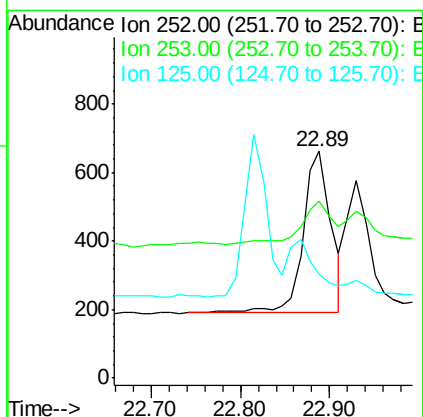
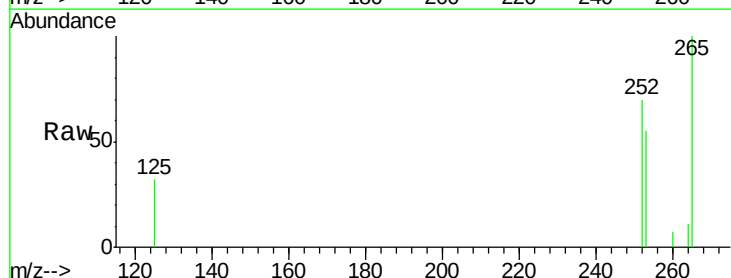
RT: 22.89 min Scan# 1489

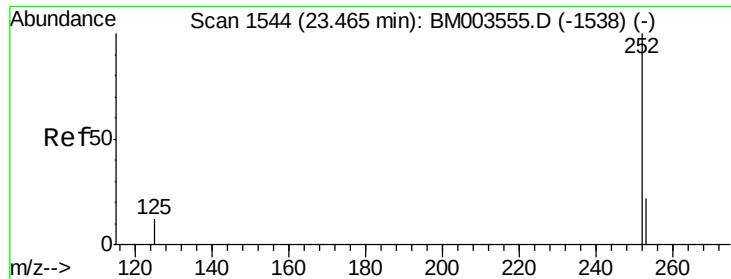
Delta R.T. -0.05 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

Tgt Ion:	252	Resp:	1014
Ion	Ratio	Lower	Upper
252	100		
253	77.9	19.8	29.8#
125	45.8	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.42 min Scan# 1540

Delta R.T. -0.05 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

SBLK46

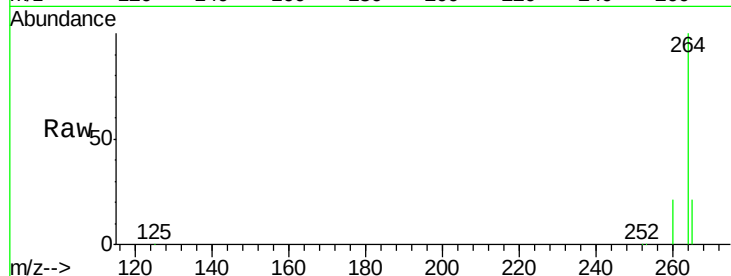
Tgt Ion: 252 Resp: 4597

Ion Ratio Lower Upper

252 100

253 43.2 19.4 29.2#

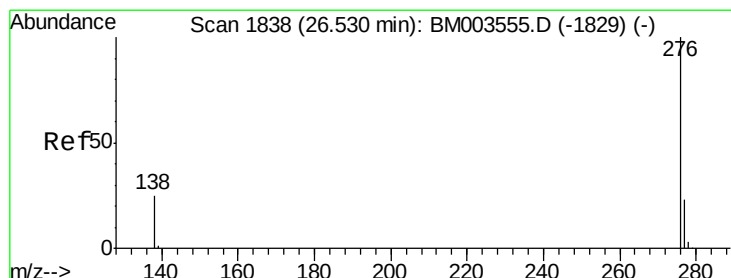
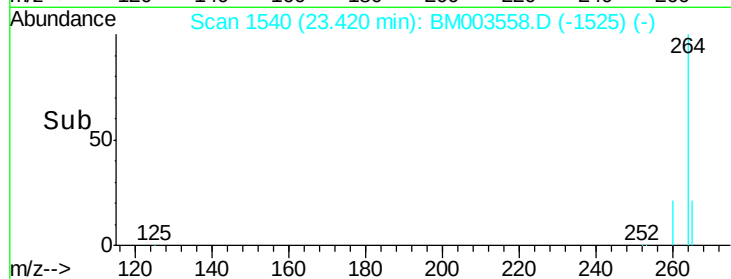
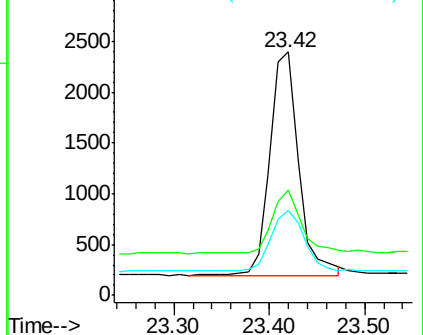
125 34.8 12.7 19.1#



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: 26.30 min Scan# 1816

Delta R.T. -0.23 min

Lab File: BM003558.D

Acq: 15 Dec 2015 20:54

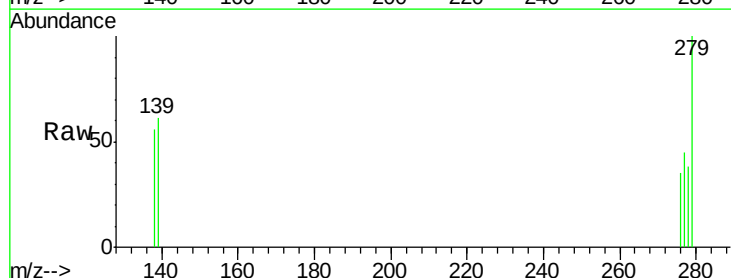
Tgt Ion: 276 Resp: 3

Ion Ratio Lower Upper

276 100

277 128.3 18.9 28.3#

138 158.3 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

