

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
 Data File : BM003556.D
 Acq On : 15 Dec 2015 19:41
 Operator : UM/IZ
 Sample : PB87220BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK20

Quant Time: Dec 16 05:55:03 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	5735	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	22301	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	12093	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	1463591	0.40	ng/ul	0.10
18) Chrysene-d12	21.31	240	19241	0.40	ng/ul	0.00
22) Perylene-d12	23.42	264	1253256	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	32941	13.44	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	8694	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	14631	0.00	ng/ul	0.00

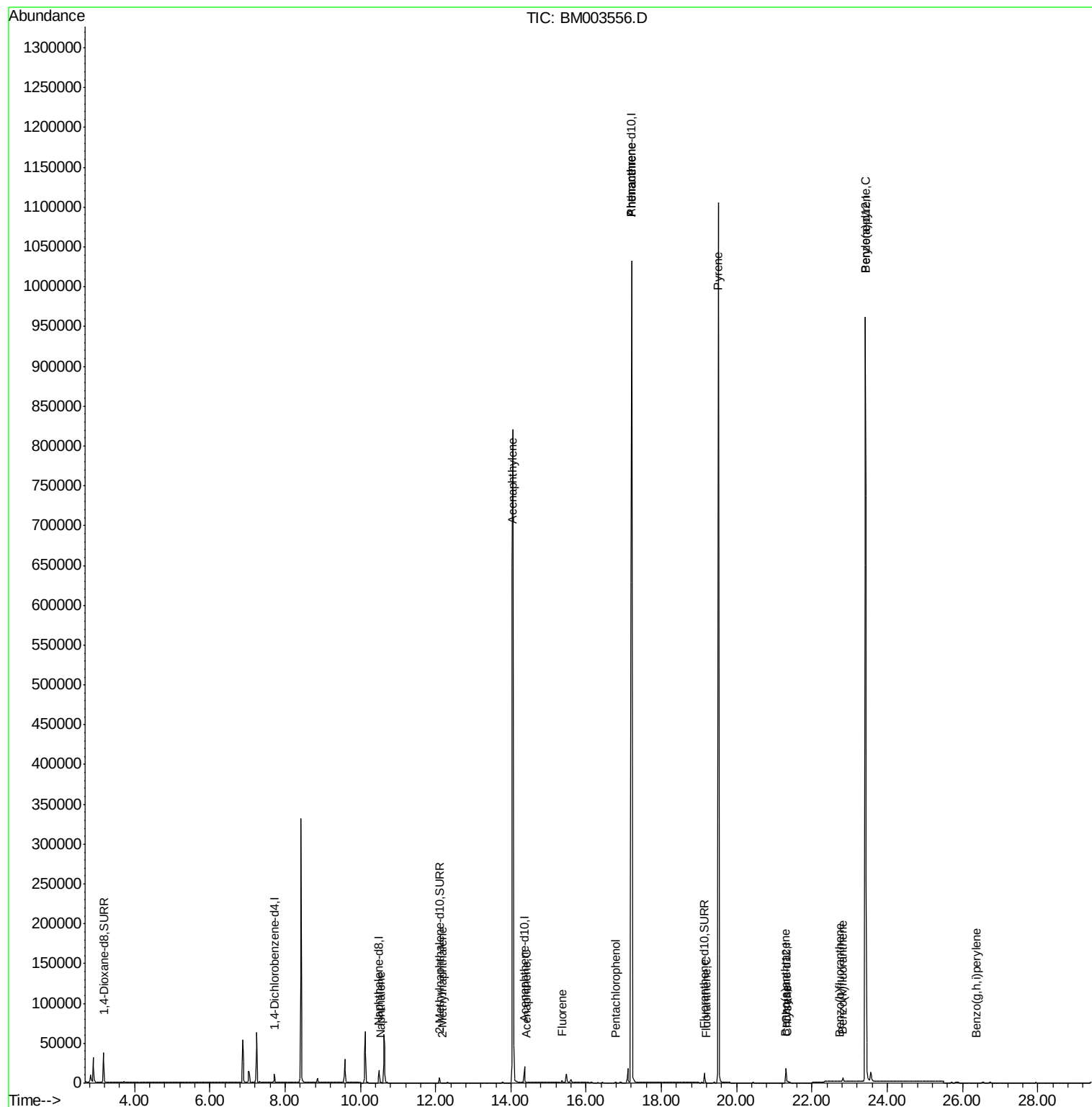
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.55	128	705	0.01	ng/ul#	68
7) 2-Methylnaphthalene	12.17	142	56	0.00	ng/ul	81
9) Acenaphthylene	14.04	152	174	0.00	ng/ul#	1
10) Acenaphthene	14.42	153	45	0.00	ng/ul#	65
11) Fluorene	15.36	166	2869	0.07	ng/ul#	20
13) Pentachlorophenol	16.78	266	37	0.00	ng/ul#	80
14) Phenanthrene	17.21	178	886	0.00	ng/ul#	1
15) Anthracene	17.21	178	724	0.00	ng/ul#	1
17) Fluoranthene	19.18	202	240	0.00	ng/ul#	13
19) Pyrene	19.51	202	2420	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.29	228	481	0.01	ng/ul#	64
21) Chrysene	21.35	228	2053	0.04	ng/ul#	90
23) Benzo(b)fluoranthene	22.74	252	66	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.82	252	55	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.42	252	4945	0.00	ng/ul#	62
28) Benzo(g,h,i)perylene	26.37	276	9	0.00	ng/ul#	1

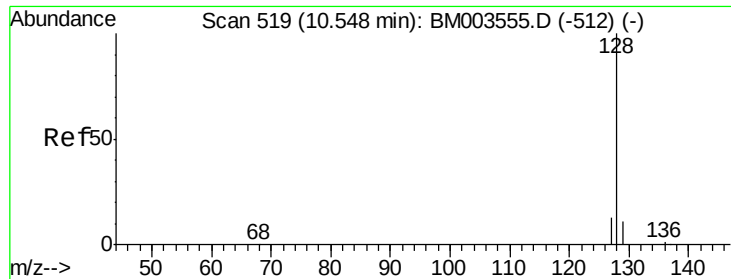
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 16 05:49:57 2015
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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.00 min

Lab File: BM003556.D

Acq: 15 Dec 2015 19:41

Instrument :

BNA_M

ClientSampleId :

SBLK20

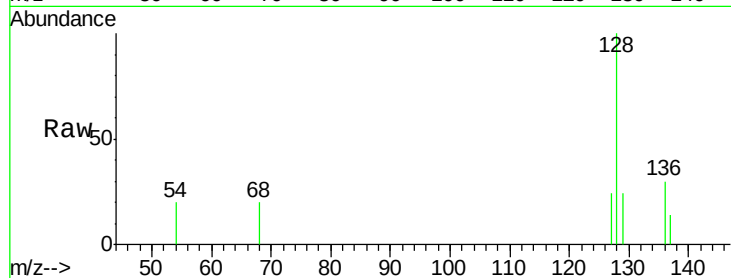
Tgt Ion:128 Resp: 705

Ion Ratio Lower Upper

128 100

129 24.3 9.0 13.6#

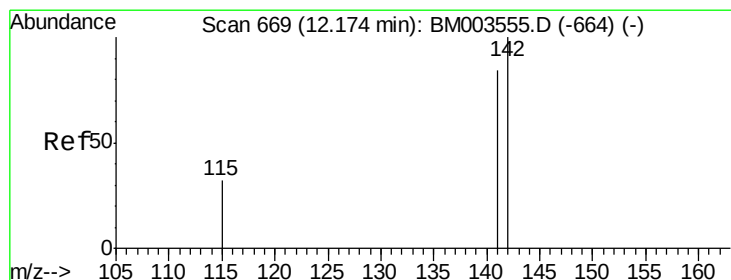
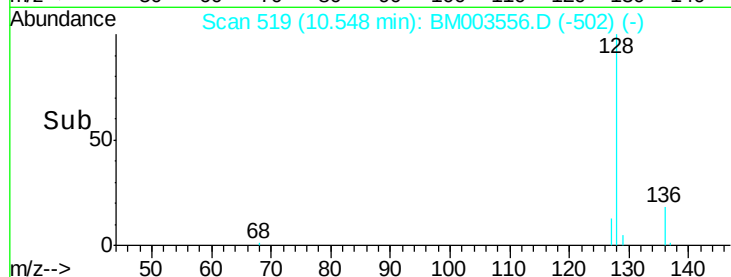
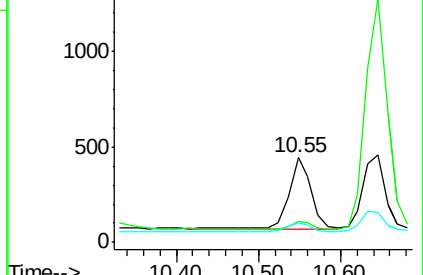
127 23.6 9.6 14.4#



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: BM003556.D

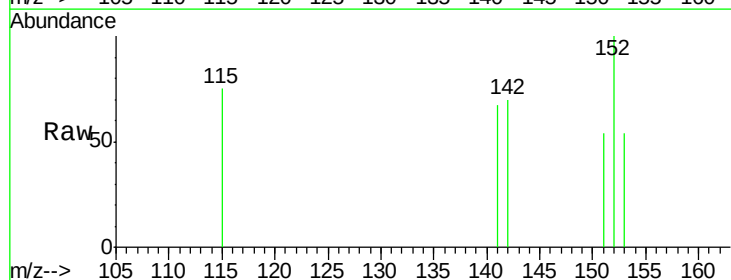
Acq: 15 Dec 2015 19:41

Tgt Ion:142 Resp: 56

Ion Ratio Lower Upper

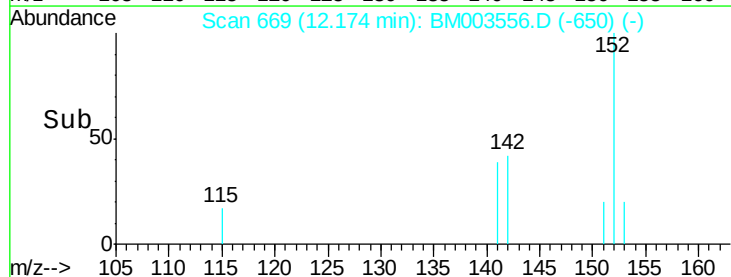
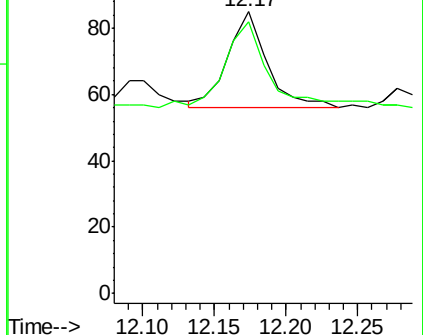
142 100

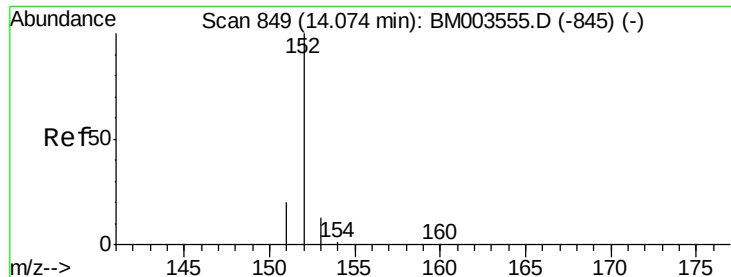
141 105.4 70.3 105.5



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: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM003556.D

Acq: 15 Dec 2015 19:41

Instrument :

BNA_M

ClientSampleId :

SBLK20

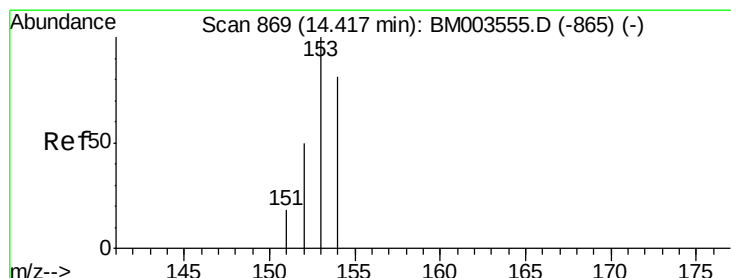
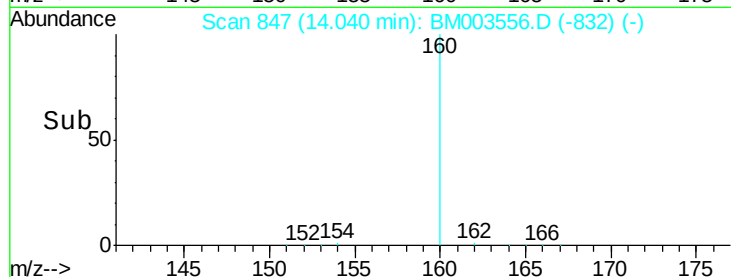
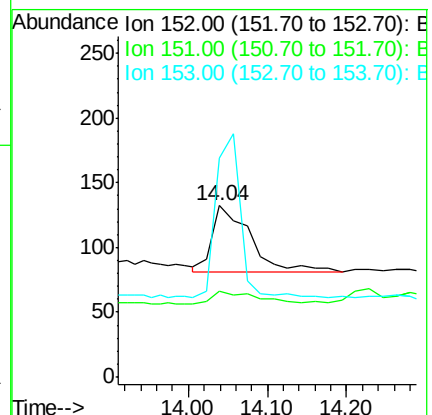
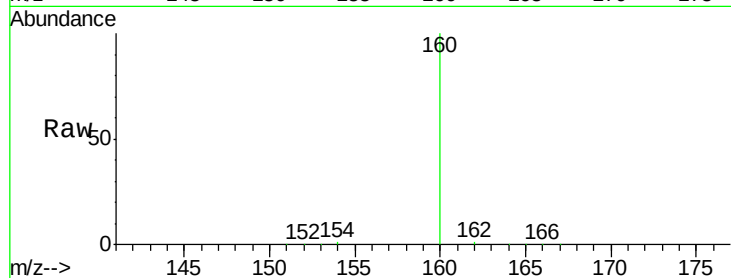
Tgt Ion:152 Resp: 174

Ion Ratio Lower Upper

152 100

151 50.0 17.6 26.4#

153 128.0 9.7 14.5#



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM003556.D

Acq: 15 Dec 2015 19:41

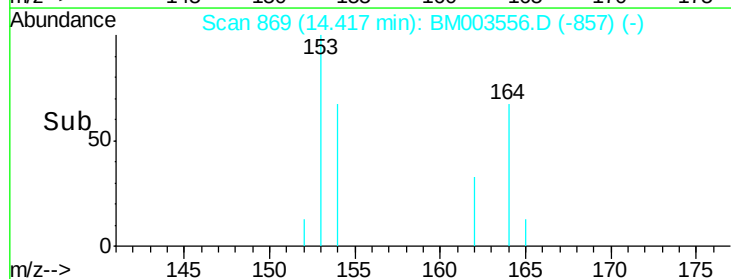
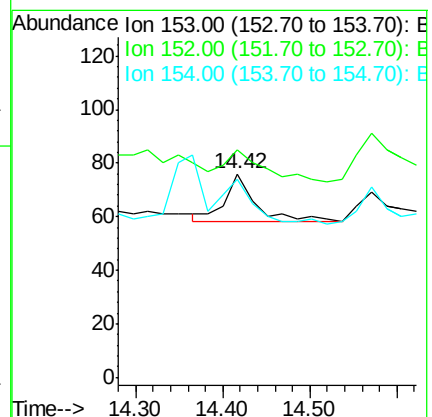
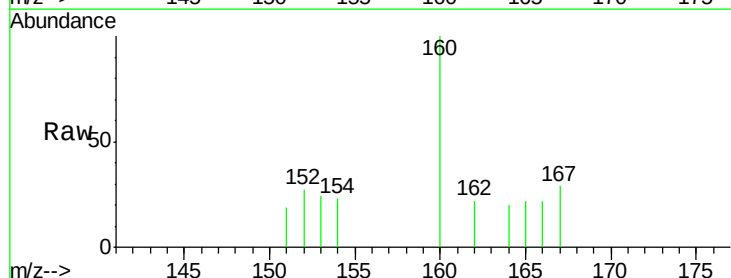
Tgt Ion:153 Resp: 45

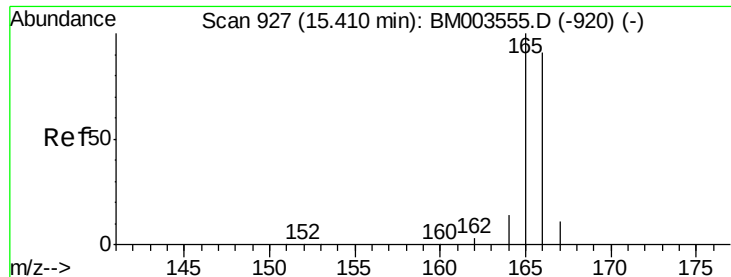
Ion Ratio Lower Upper

153 100

152 111.8 33.9 50.9#

154 97.4 80.6 121.0

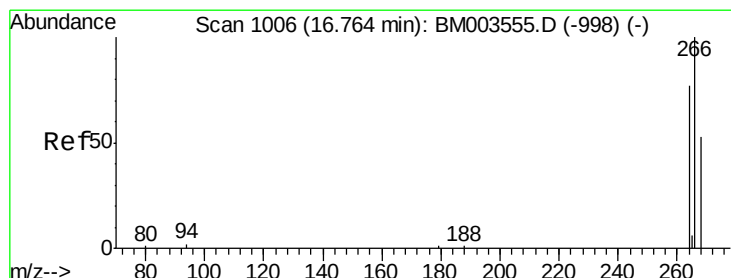
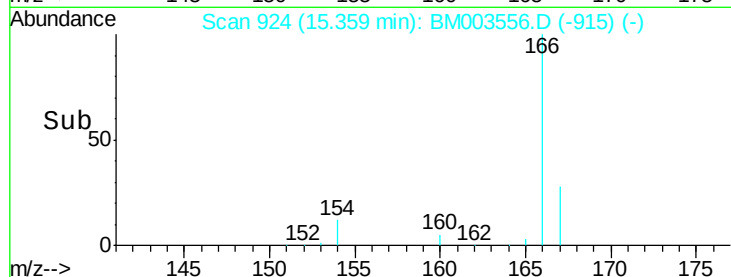
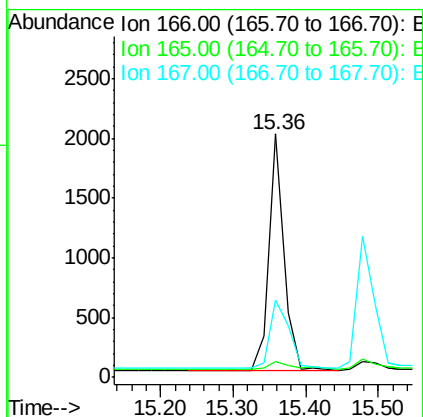
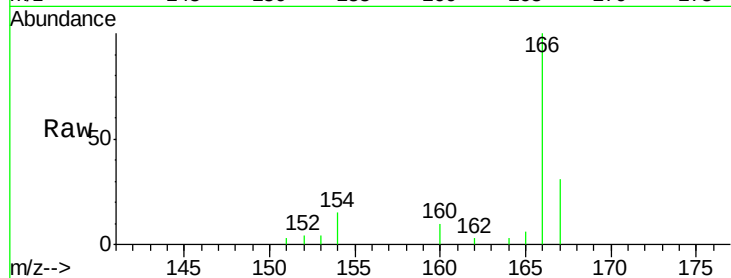




#11
 Fluorene
 Concen: 0.07 ng/ul
 RT: 15.36 min Scan# 924
 Delta R.T. -0.05 min
 Lab File: BM003556.D
 Acq: 15 Dec 2015 19:41

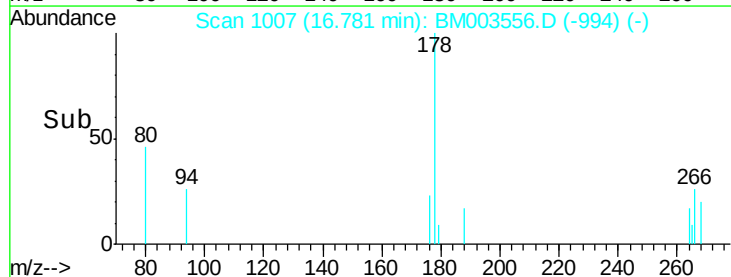
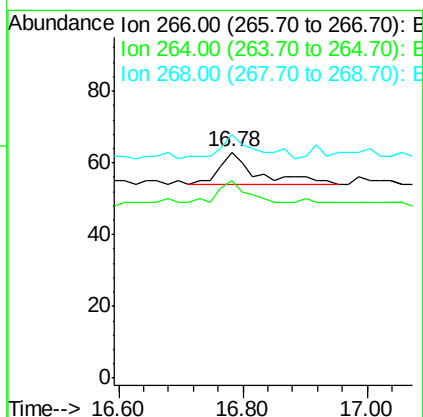
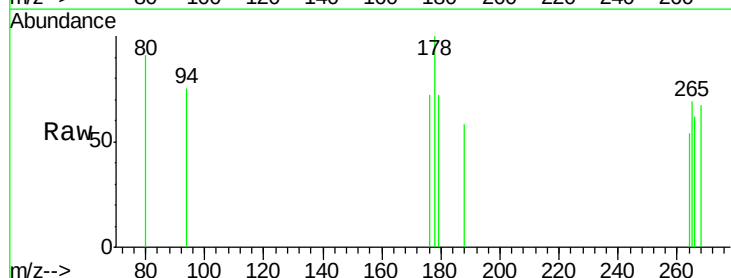
Instrument :
 BNA_M
 ClientSampleId :
 SBLK20

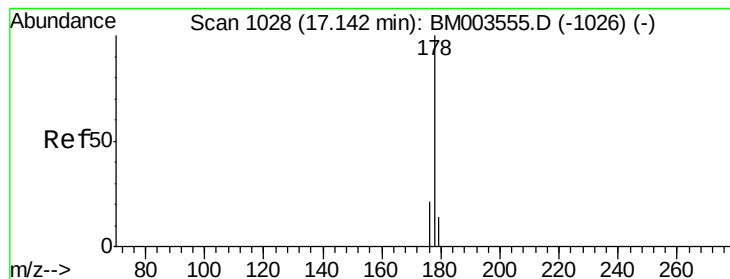
Tgt Ion:166 Resp: 2869
 Ion Ratio Lower Upper
 166 100
 165 6.4 69.6 104.4#
 167 31.5 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.78 min Scan# 1007
 Delta R.T. 0.02 min
 Lab File: BM003556.D
 Acq: 15 Dec 2015 19:41

Tgt Ion:266 Resp: 37
 Ion Ratio Lower Upper
 266 100
 264 45.9 51.8 77.8#
 268 70.3 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: BM003556.D

Acq: 15 Dec 2015 19:41

Instrument :

BNA_M

ClientSampleId :

SBLK20

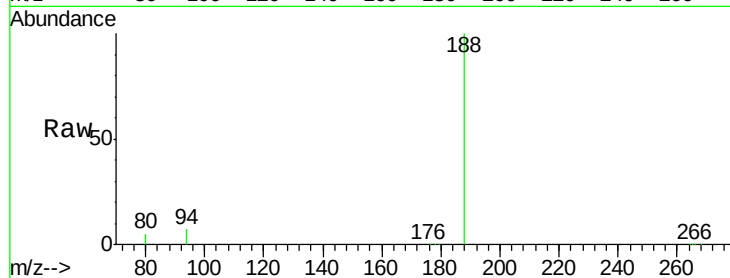
Tgt Ion:178 Resp: 886

Ion Ratio Lower Upper

178 100

176 17.0 13.0 19.4

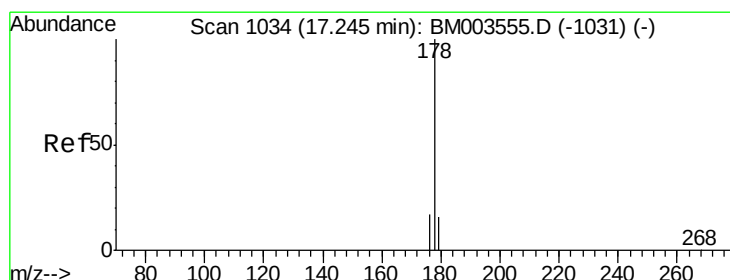
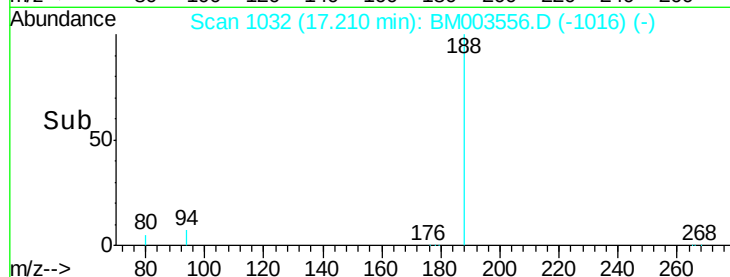
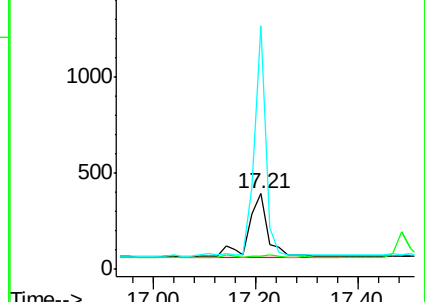
179 321.3 14.2 21.2#



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: BM003556.D

Acq: 15 Dec 2015 19:41

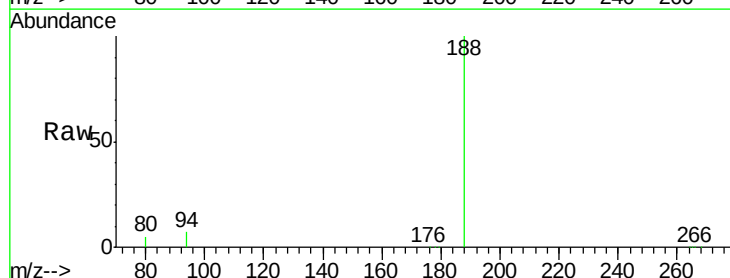
Tgt Ion:178 Resp: 724

Ion Ratio Lower Upper

178 100

176 17.0 14.0 21.0

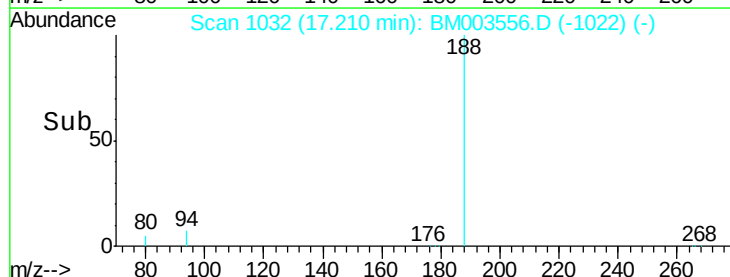
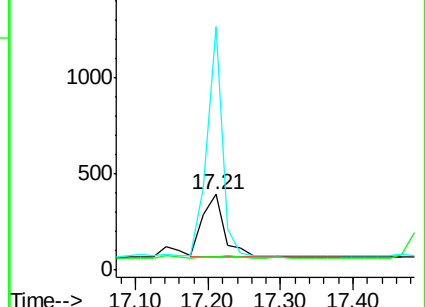
179 321.3 12.9 19.3#

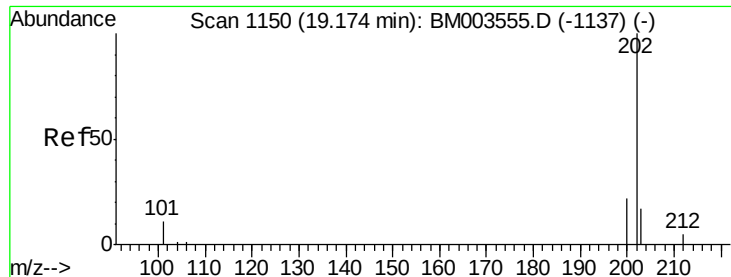


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

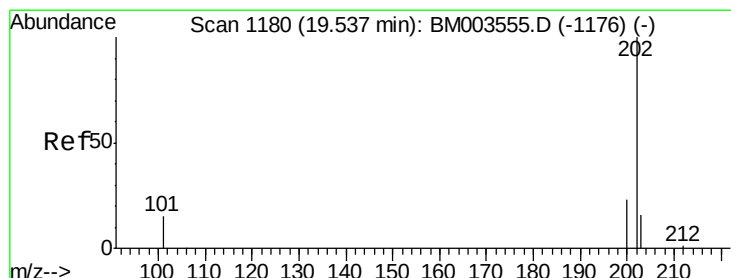
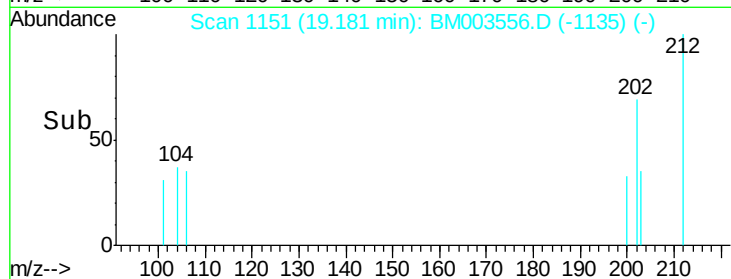
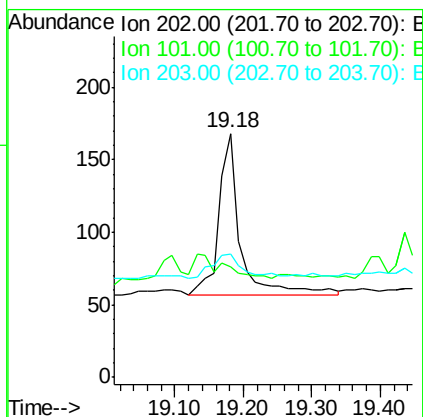
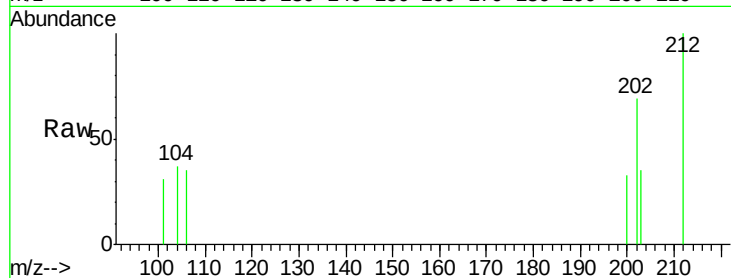




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.18 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BM003556.D
Acq: 15 Dec 2015 19:41

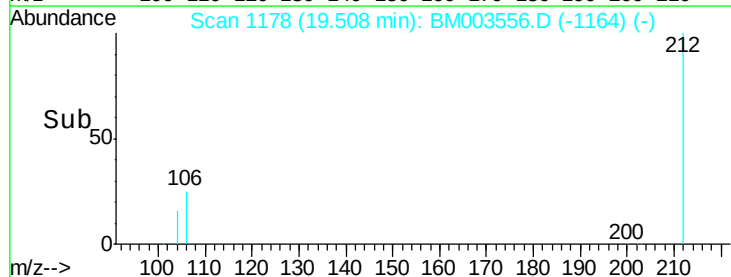
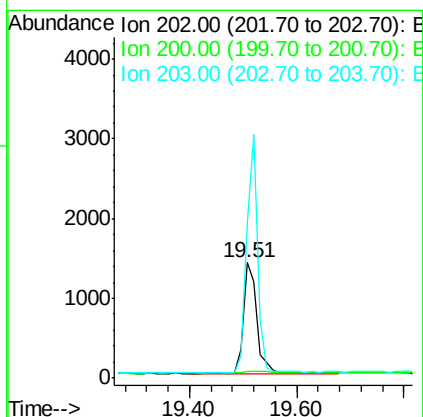
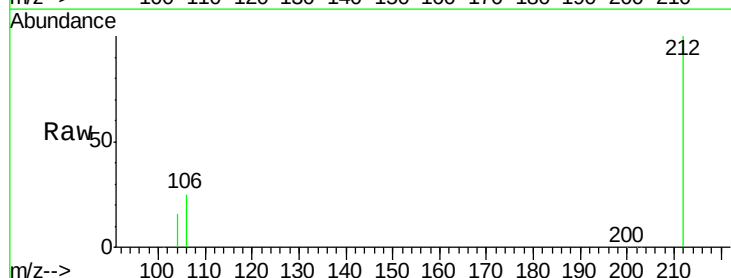
Instrument :
BNA_M
ClientSampleId :
SBLK20

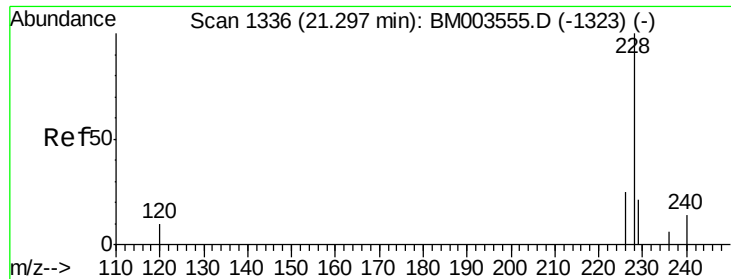
Tgt Ion: 202 Resp: 240
Ion Ratio Lower Upper
202 100
101 45.2 0.0 29.6#
203 50.6 0.0 36.3#



#19
Pyrene
Concen: 0.05 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BM003556.D
Acq: 15 Dec 2015 19:41

Tgt Ion: 202 Resp: 2420
Ion Ratio Lower Upper
202 100
200 6.4 17.8 26.8#
203 135.1 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: BM003556.D

Acq: 15 Dec 2015 19:41

Instrument :

BNA_M

ClientSampleId :

SBLK20

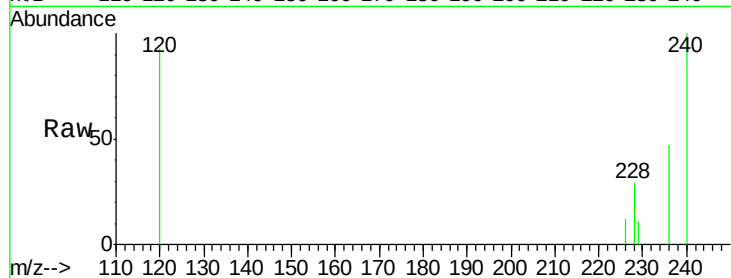
Tgt Ion:228 Resp: 481

Ion Ratio Lower Upper

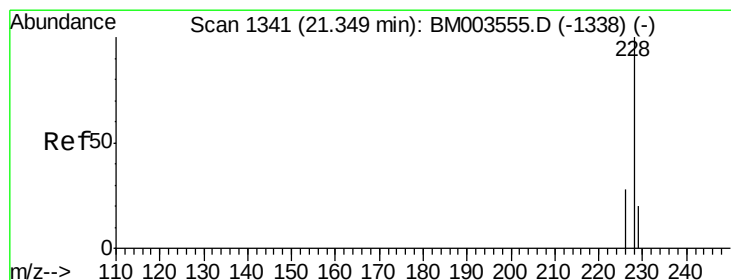
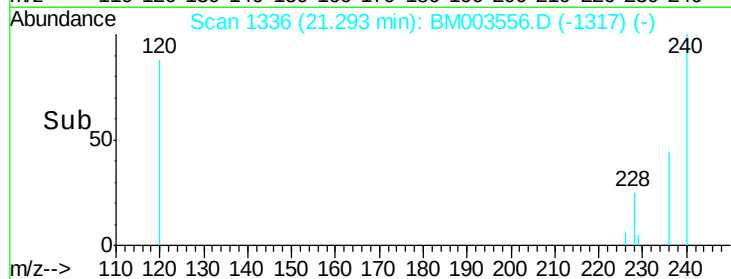
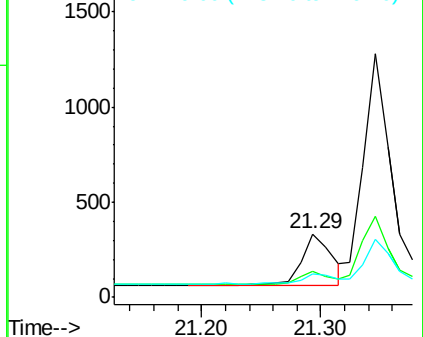
228 100

226 41.9 18.8 28.2#

229 37.3 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: BM003556.D

Acq: 15 Dec 2015 19:41

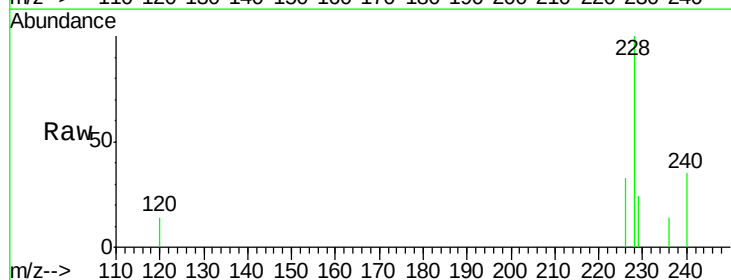
Tgt Ion:228 Resp: 2053

Ion Ratio Lower Upper

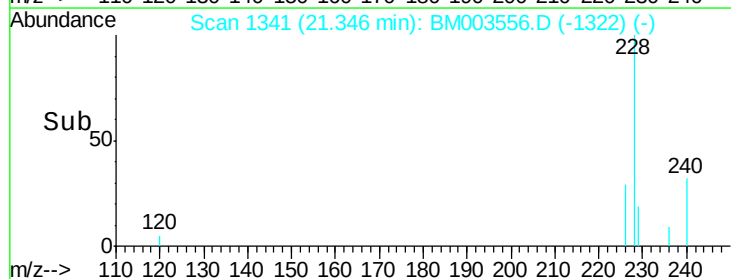
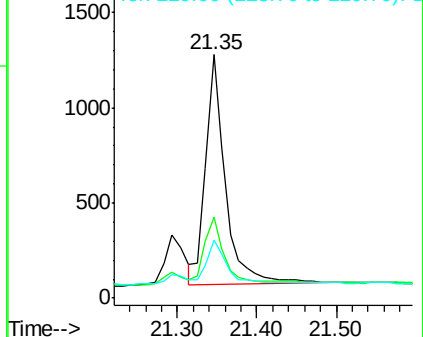
228 100

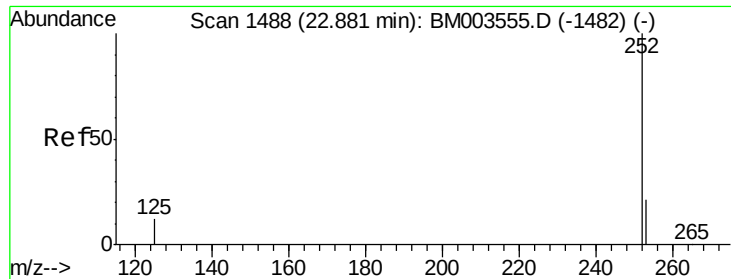
226 33.2 21.2 31.8#

229 23.9 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: 22.74 min Scan# 1475

Delta R.T. -0.14 min

Lab File: BM003556.D

Acq: 15 Dec 2015 19:41

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ClientSampleId :

SBLK20

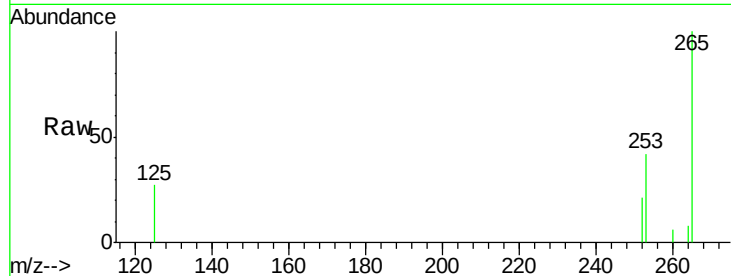
Tgt Ion:252 Resp: 66

Ion Ratio Lower Upper

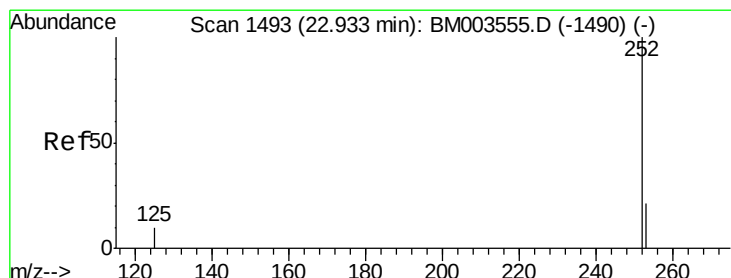
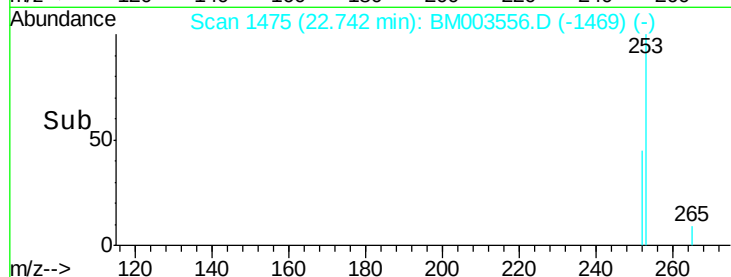
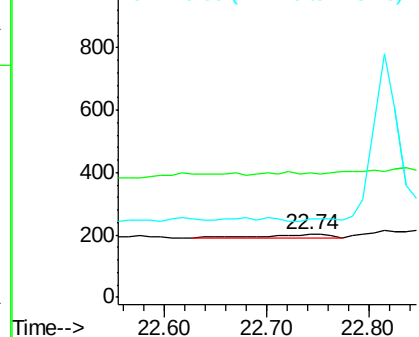
252 100

253 199.5 0.0 45.4#

125 125.4 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/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.12 min

Lab File: BM003556.D

Acq: 15 Dec 2015 19:41

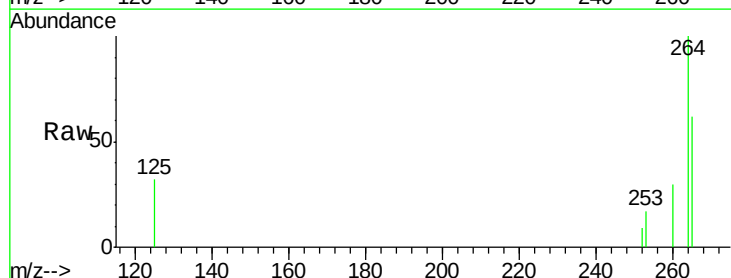
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

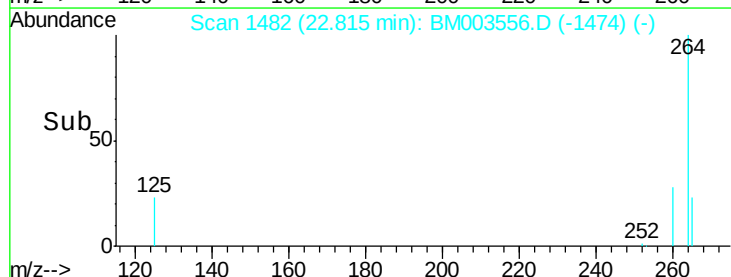
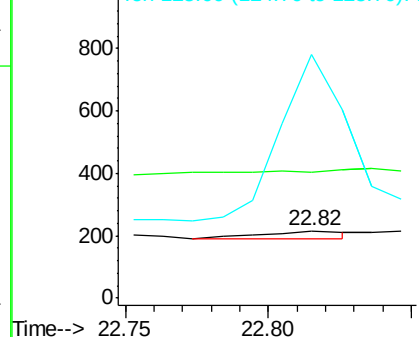
252 100

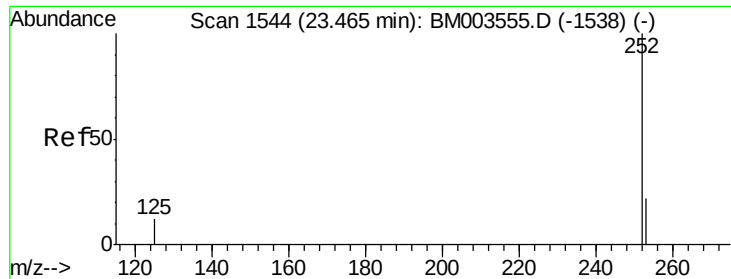
253 187.0 19.8 29.8#

125 362.8 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: 23.42 min Scan# 1540

Delta R.T. -0.05 min

Lab File: BM003556.D

Acq: 15 Dec 2015 19:41

Instrument :

BNA_M

ClientSampleId :

SBLK20

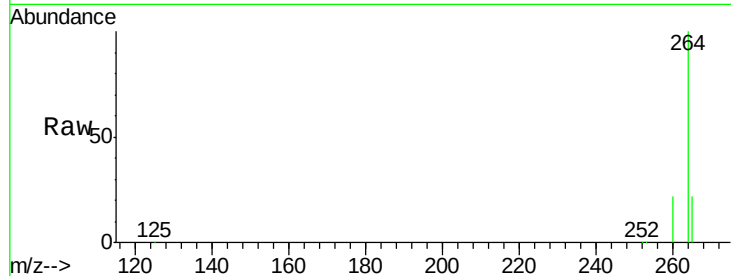
Tgt Ion: 252 Resp: 4945

Ion Ratio Lower Upper

252 100

253 41.1 19.4 29.2#

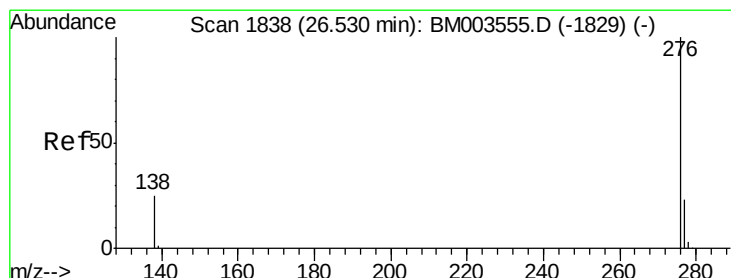
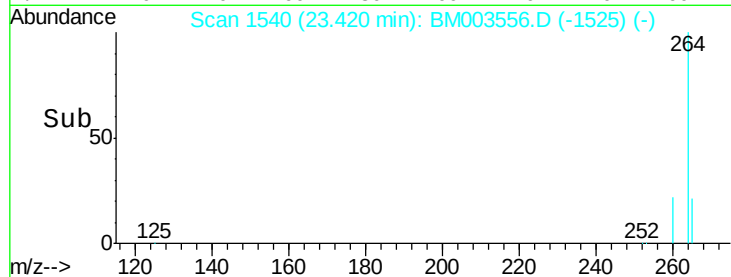
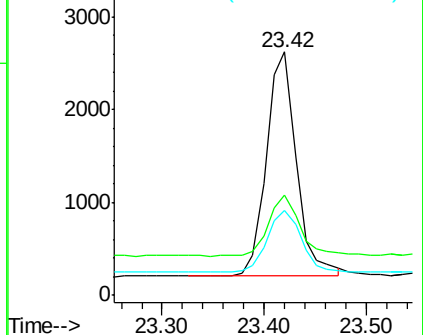
125 34.9 12.7 19.1#



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: 26.37 min Scan# 1823

Delta R.T. -0.16 min

Lab File: BM003556.D

Acq: 15 Dec 2015 19:41

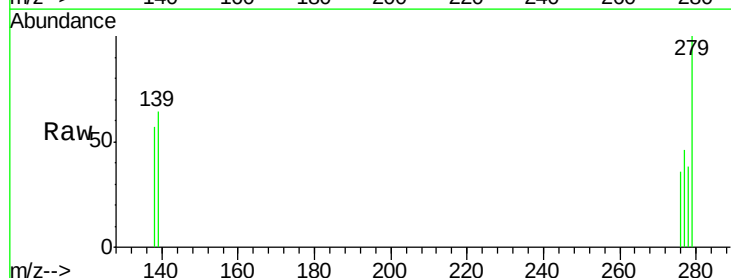
Tgt Ion: 276 Resp: 9

Ion Ratio Lower Upper

276 100

277 129.5 18.9 28.3#

138 159.0 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

