

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102215\
 Data File : BM002953.D
 Acq On : 21 Oct 2015 18:35
 Operator : UM/IZ
 Sample : PB86190BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK90

Quant Time: Oct 22 12:02:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	4389	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	19968	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	12064	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	1986062	0.40	ng/ul	0.08
18) Chrysene-d12	22.04	240	26212	0.40	ng/ul	0.00
22) Perylene-d12	0.00	264	0	0.00	ng/ul	-24.62

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.71	96	24548	5.24	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.05	152	10002	0.30	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	24017	0.00	ng/ul	0.00

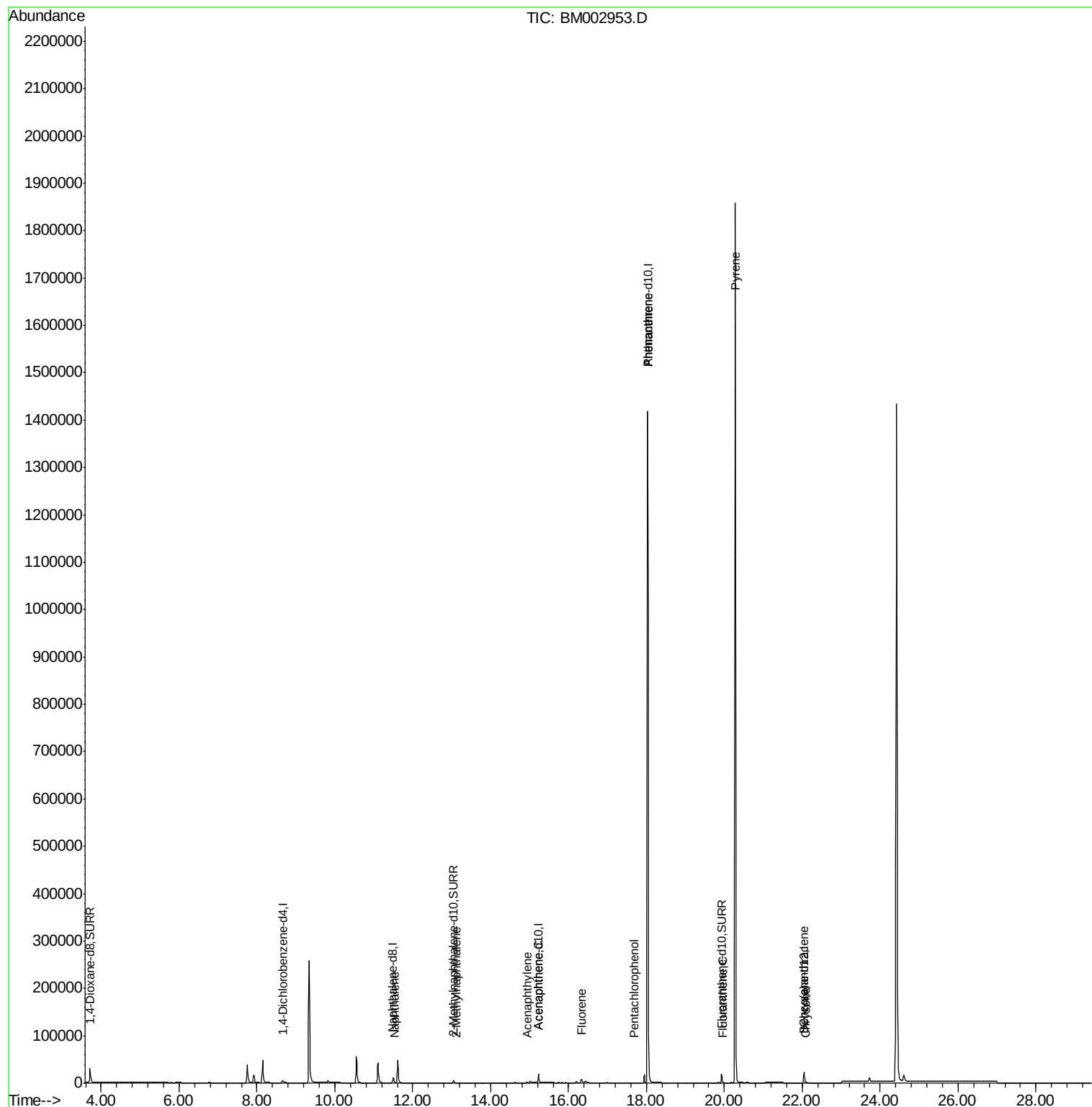
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.53	128	113	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.12	142	1179	0.03	ng/ul	89
9) Acenaphthylene	14.93	152	144	0.00	ng/ul#	1
10) Acenaphthene	15.23	153	82	0.00	ng/ul#	1
11) Fluorene	16.34	166	220	0.00	ng/ul#	1
13) Pentachlorophenol	17.67	266	28	0.00	ng/ul#	16
14) Phenanthrene	18.03	178	1350	0.00	ng/ul#	1
15) Anthracene	18.03	178	1012	0.00	ng/ul#	1
17) Fluoranthene	19.96	202	879	0.00	ng/ul#	51
19) Pyrene	20.28	202	4003	0.04	ng/ul#	1
20) Benzo(a)anthracene	22.03	228	520	0.01	ng/ul#	50
21) Chrysene	22.10	228	657	0.01	ng/ul#	56

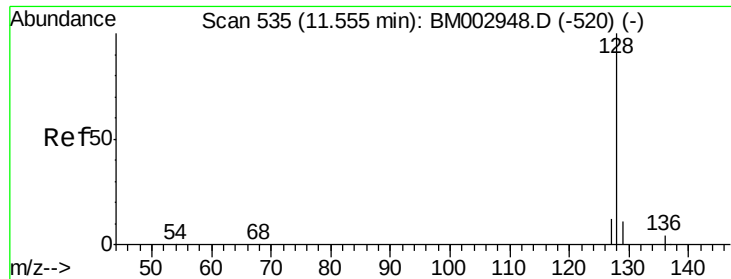
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.53 min Scan# 533

Delta R.T. -0.02 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

Instrument :

BNA_M

ClientSampleId :

SBLK90

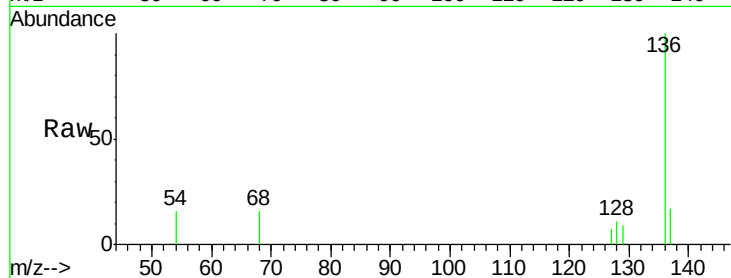
Tgt Ion:128 Resp: 113

Ion Ratio Lower Upper

128 100

129 84.6 9.8 14.8#

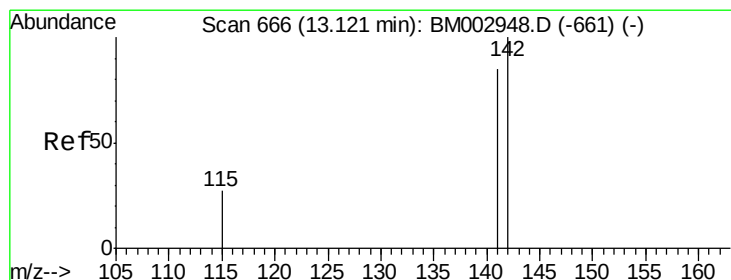
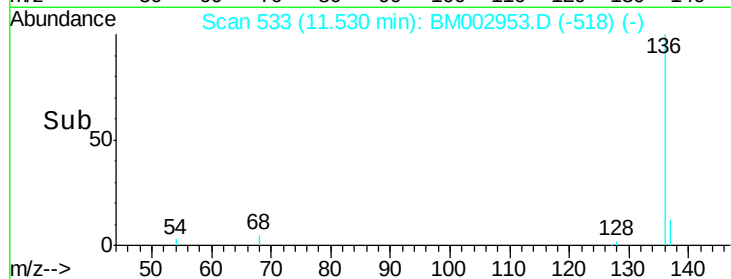
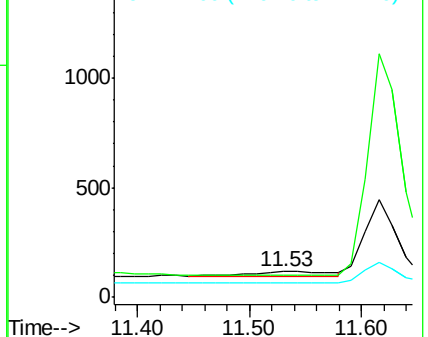
127 58.1 10.7 16.1#



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: 0.03 ng/ul

RT: 13.12 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM002953.D

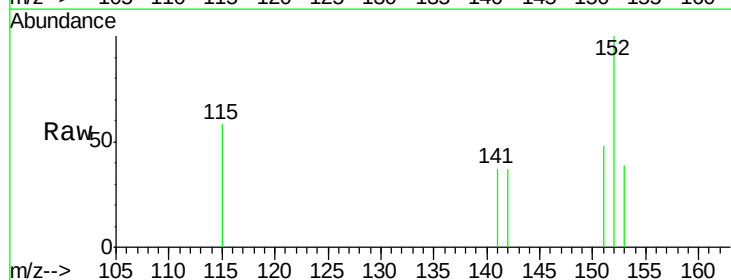
Acq: 21 Oct 2015 18:35

Tgt Ion:142 Resp: 1179

Ion Ratio Lower Upper

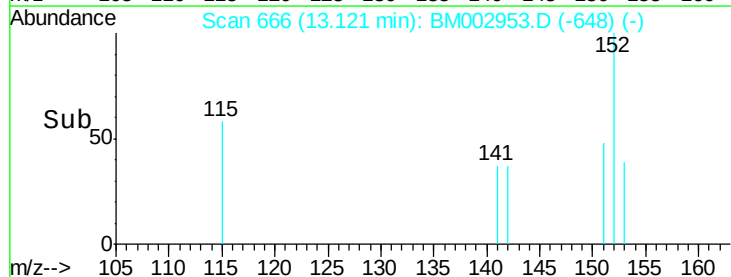
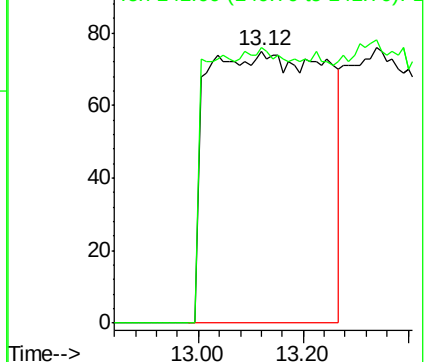
142 100

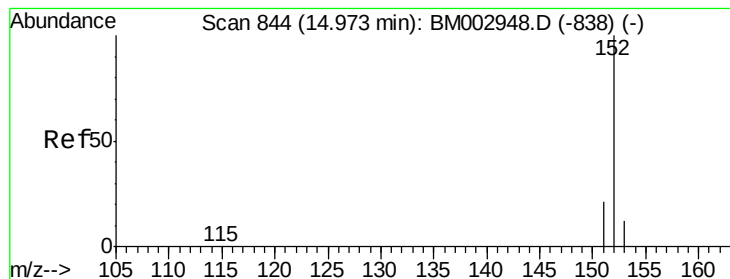
141 98.0 70.3 105.5



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: 14.93 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

Instrument :

BNA_M

ClientSampleId :

SBLK90

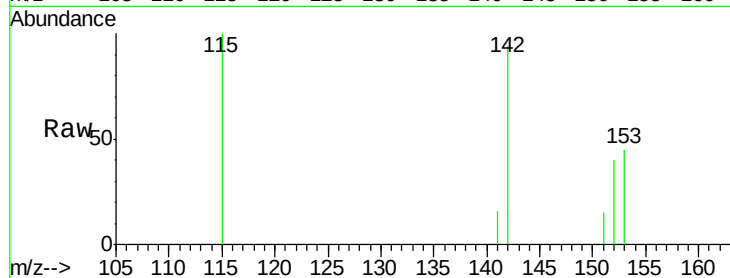
Tgt Ion:152 Resp: 144

Ion Ratio Lower Upper

152 100

151 38.1 16.8 25.2#

153 111.9 11.3 16.9#



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

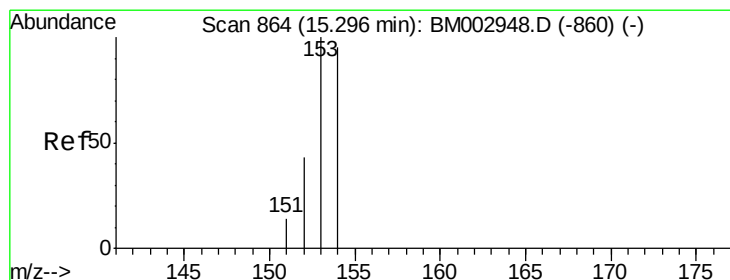
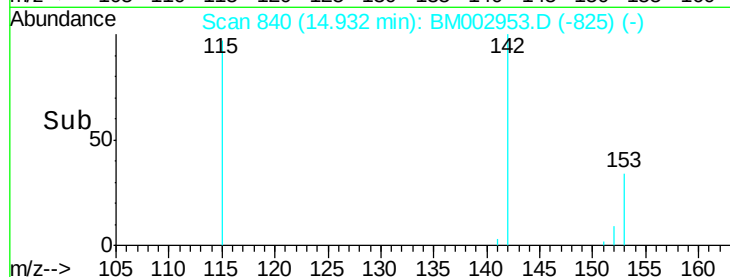
14.93

200

100

0

Time--> 14.90 15.00



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.23 min Scan# 860

Delta R.T. -0.07 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

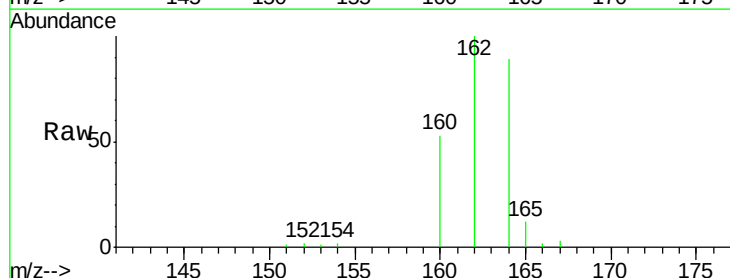
Tgt Ion:153 Resp: 82

Ion Ratio Lower Upper

153 100

152 152.5 42.3 63.5#

154 154.5 64.7 97.1#



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

15.23

200

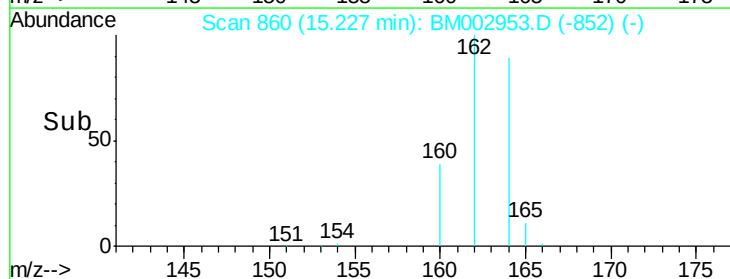
150

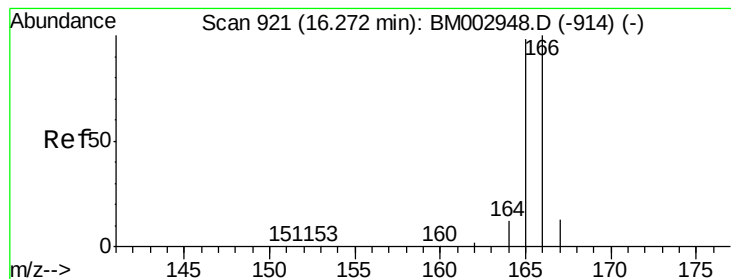
100

50

0

Time--> 15.10 15.20 15.30 15.40





#11

Fluorene

Concen: 0.00 ng/ul

RT: 16.34 min Scan# 925

Delta R.T. 0.07 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

Instrument :

BNA_M

ClientSampleId :

SBLK90

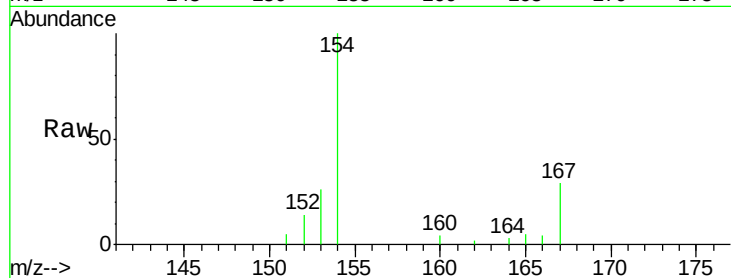
Tgt Ion:166 Resp: 220

Ion Ratio Lower Upper

166 100

165 129.8 87.6 131.4

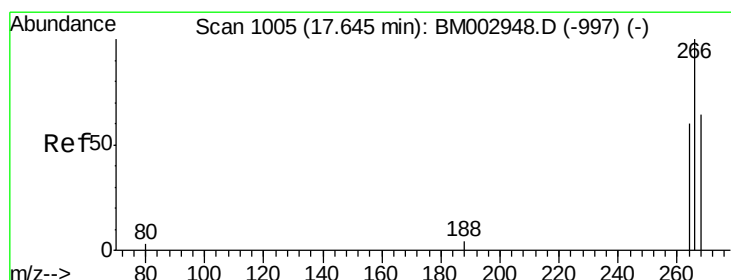
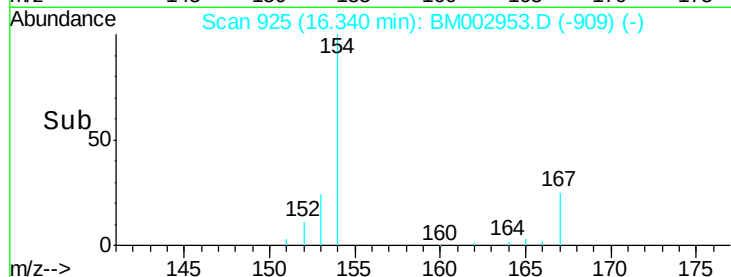
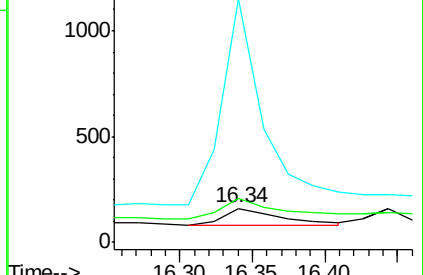
167 714.9 11.1 16.7#



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: 17.67 min Scan# 1007

Delta R.T. 0.03 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

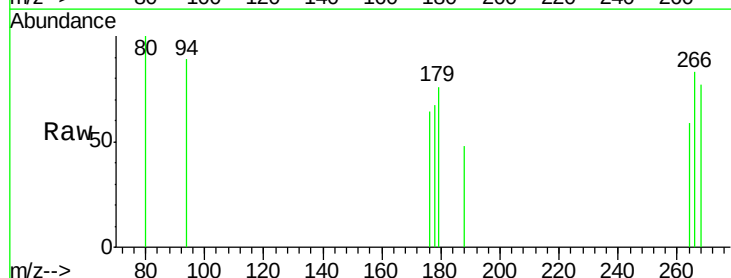
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

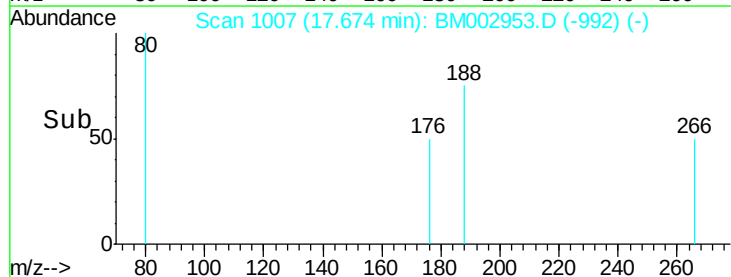
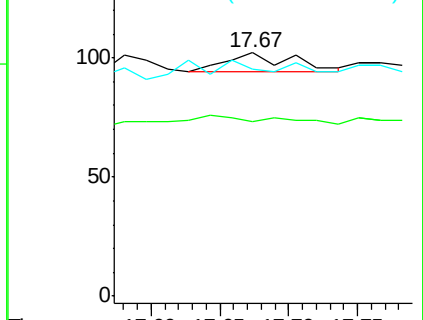
268 0.0 54.2 81.2#

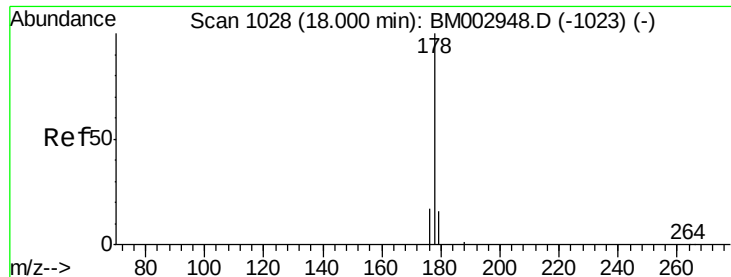


Abundance Ion 266.00 (265.70 to 266.70): E

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: 18.03 min Scan# 1030

Delta R.T. 0.03 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

Instrument :

BNA_M

ClientSampleId :

SBLK90

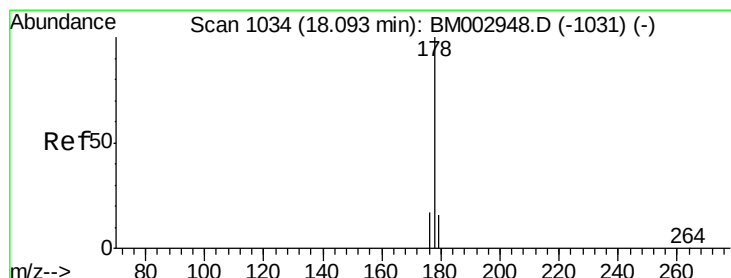
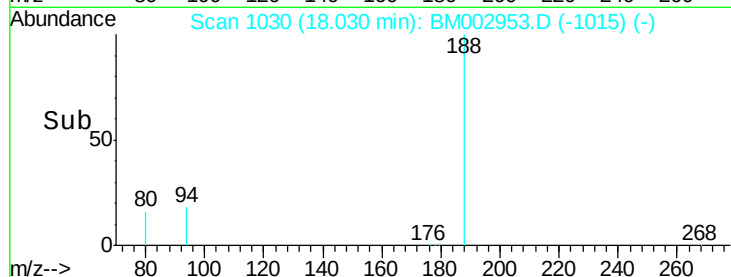
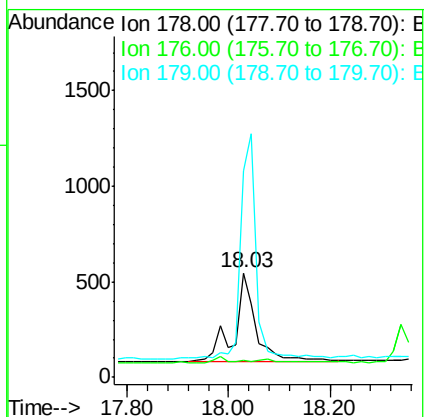
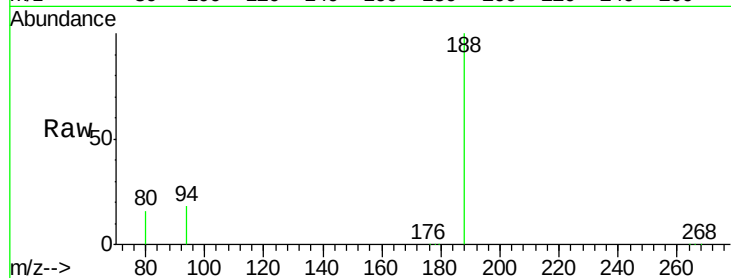
Tgt Ion:178 Resp: 1350

Ion Ratio Lower Upper

178 100

176 16.3 16.2 24.4

179 198.2 12.8 19.2#



#15

Anthracene

Concen: 0.00 ng/ul

RT: 18.03 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

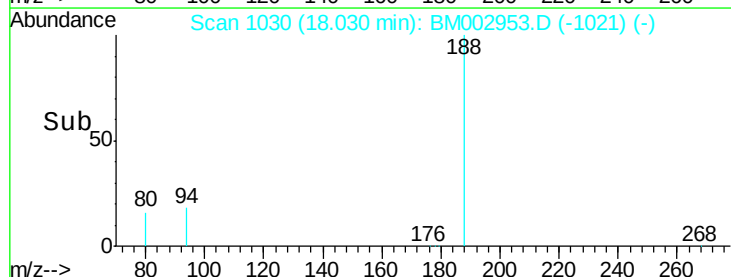
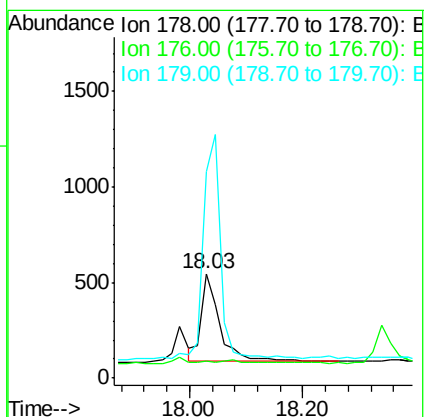
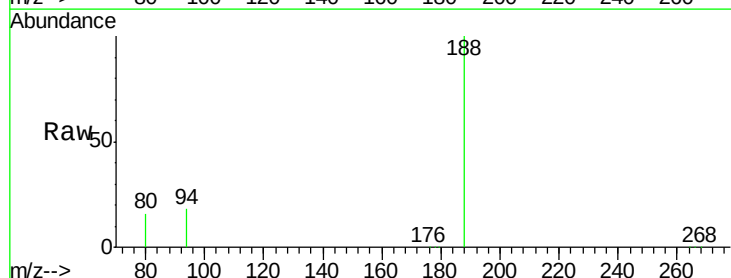
Tgt Ion:178 Resp: 1012

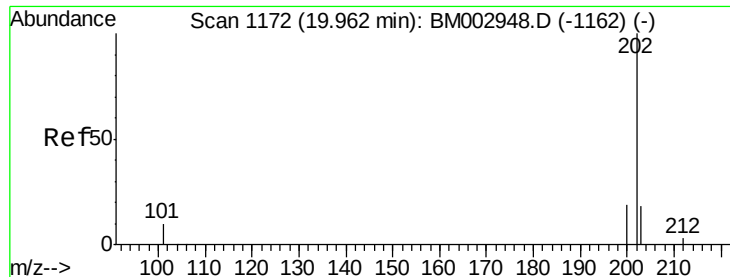
Ion Ratio Lower Upper

178 100

176 16.3 15.8 23.8

179 198.2 13.3 19.9#

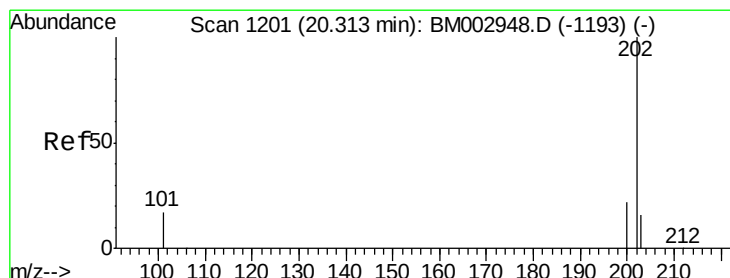
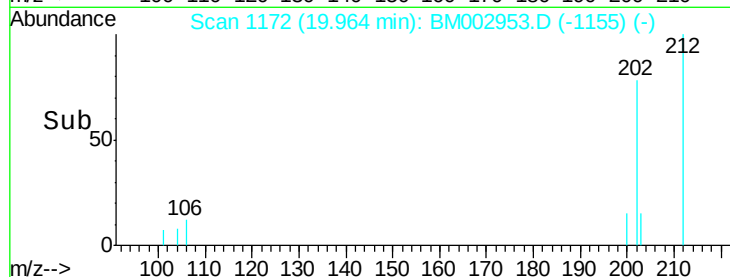
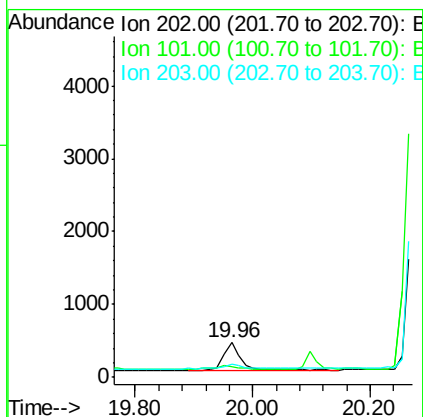
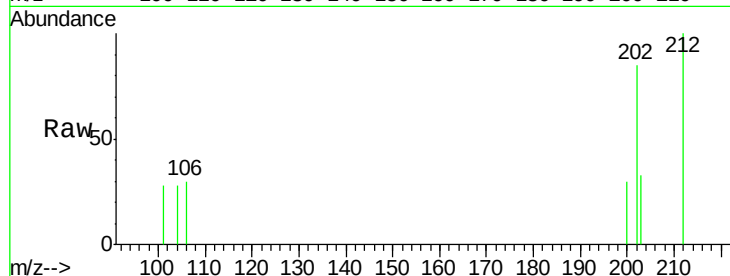




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.96 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BM002953.D
Acq: 21 Oct 2015 18:35

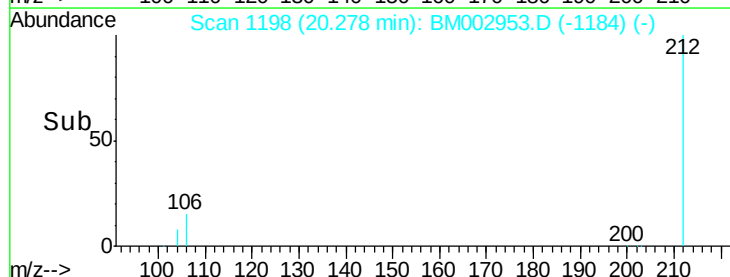
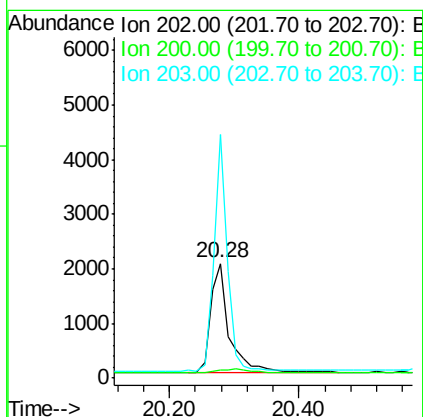
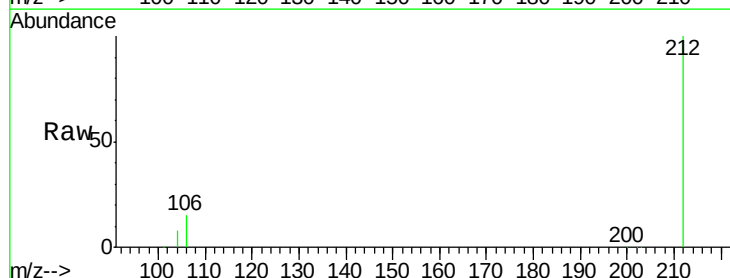
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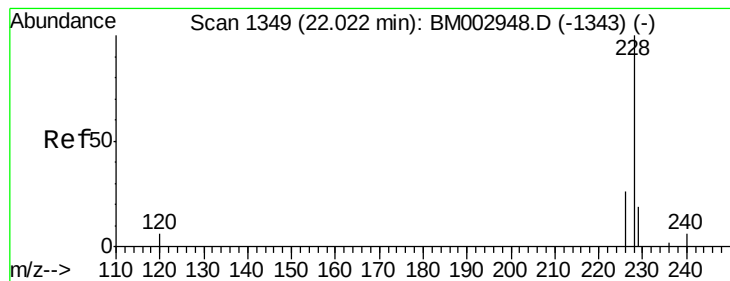
Tgt Ion:202 Resp: 879
Ion Ratio Lower Upper
202 100
101 32.3 0.0 33.1
203 39.1 0.0 37.2#



#19
Pyrene
Concen: 0.04 ng/ul
RT: 20.28 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BM002953.D
Acq: 21 Oct 2015 18:35

Tgt Ion:202 Resp: 4003
Ion Ratio Lower Upper
202 100
200 6.8 18.0 27.0#
203 212.2 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 22.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

Instrument :

BNA_M

ClientSampleId :

SBLK90

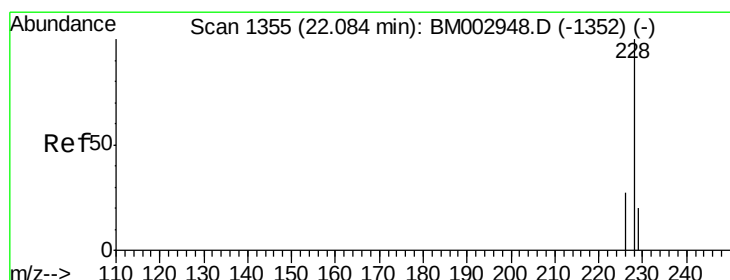
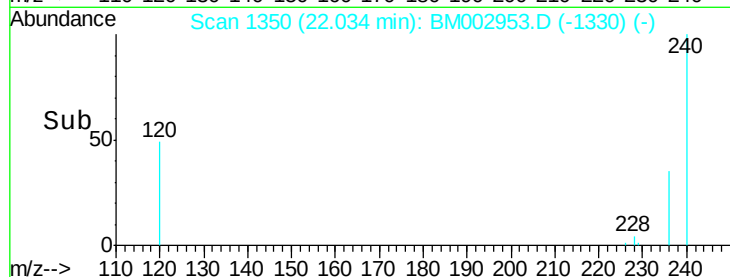
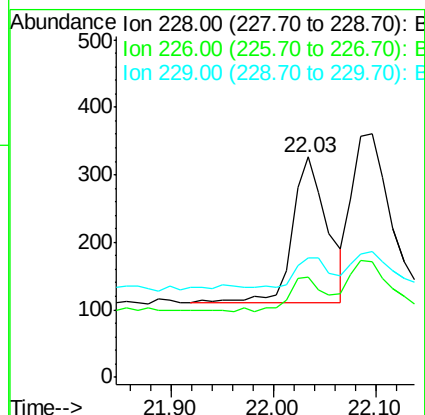
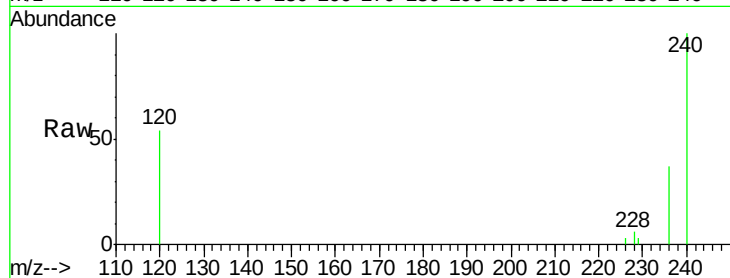
Tgt Ion:228 Resp: 520

Ion Ratio Lower Upper

228 100

226 45.7 23.0 34.4#

229 54.3 15.2 22.8#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 22.10 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BM002953.D

Acq: 21 Oct 2015 18:35

Tgt Ion:228 Resp: 657

Ion Ratio Lower Upper

228 100

226 47.4 25.7 38.5#

229 51.8 15.2 22.8#

