

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021615\
 Data File : BM000533.D
 Acq On : 16 Feb 2015 14:29
 Operator : TP/IZ
 Sample : PB81743BL
 Misc : SBLK20
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK20

Quant Time: Feb 17 01:09:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM021615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 16 14:03:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	9730	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	5808	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11127	0.40	ng/ul	0.02
16) Chrysene-d12	21.29	240	9204	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	8014	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	4141	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	8538	0.34	ng/ul	0.00

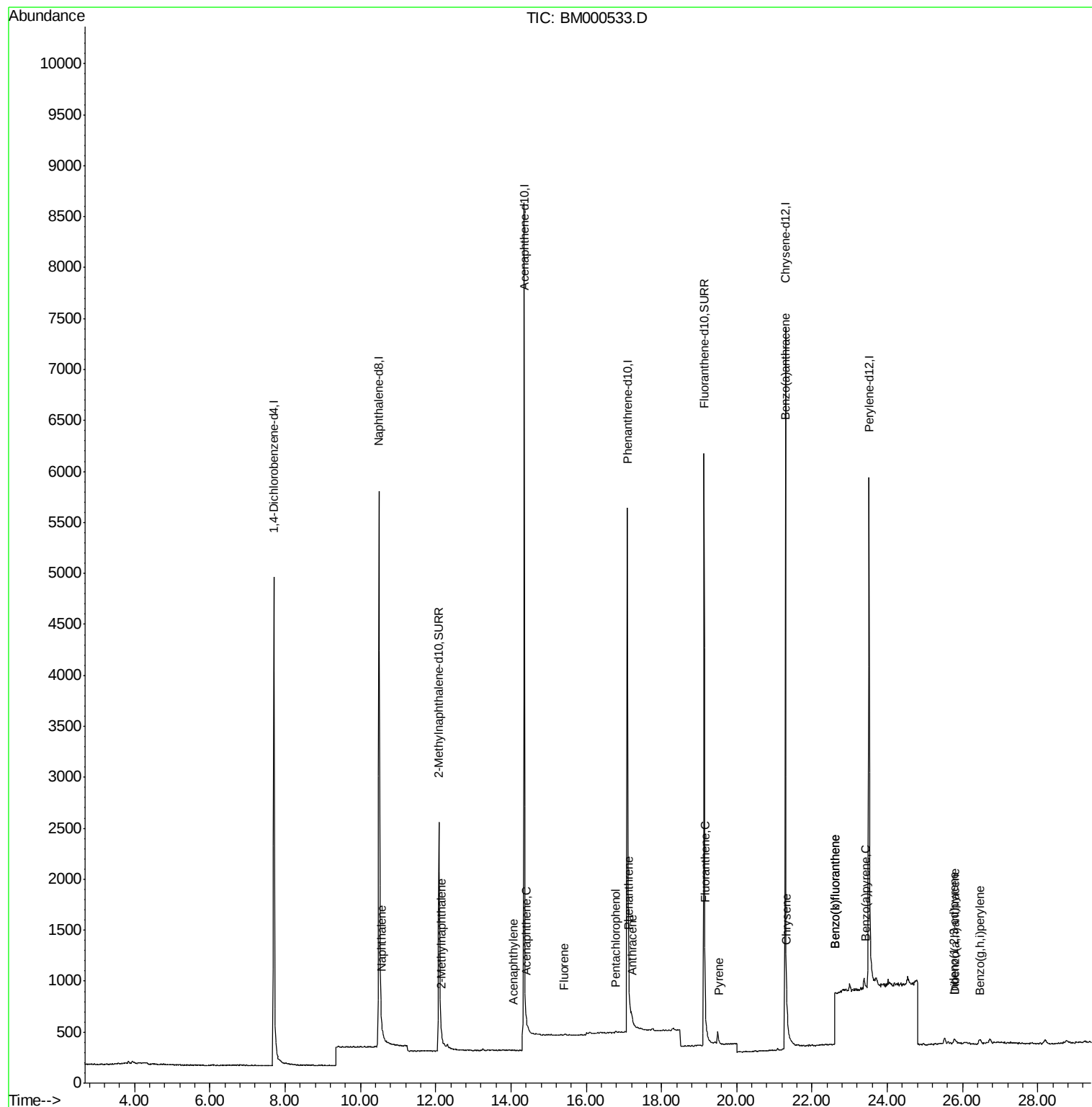
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	36	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.16	142	22	0.00	ng/ul	83
7) Acenaphthylene	14.07	152	14	0.00	ng/ul#	1
8) Acenaphthene	14.41	153	19	0.00	ng/ul#	73
9) Fluorene	15.42	166	29	0.00	ng/ul#	55
11) Pentachlorophenol	16.78	266	16	0.01	ng/ul#	1
12) Phenanthrene	17.13	178	48	0.00	ng/ul#	1
13) Anthracene	17.23	178	32	0.00	ng/ul#	1
15) Fluoranthene	19.15	202	36	0.00	ng/ul#	1
17) Pyrene	19.53	202	29	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	66	0.00	ng/ul#	1
19) Chrysene	21.32	228	59	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	22.63	252	330	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.63	252	7	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.42	252	94	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.77	276	83	0.00	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.79	278	83	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.45	276	105	0.00	ng/ul#	1

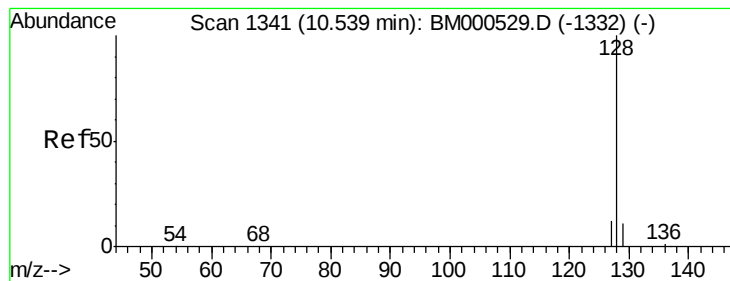
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

Instrument :

BNA_M

ClientSampleId :

SBLK20

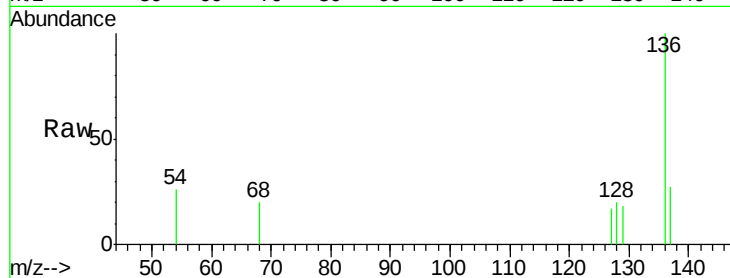
Tgt Ion:128 Resp: 36

Ion Ratio Lower Upper

128 100

129 86.4 9.3 13.9#

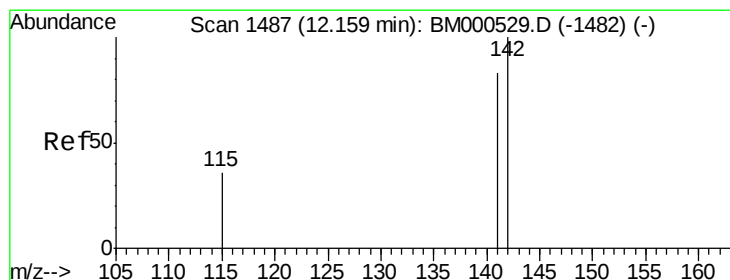
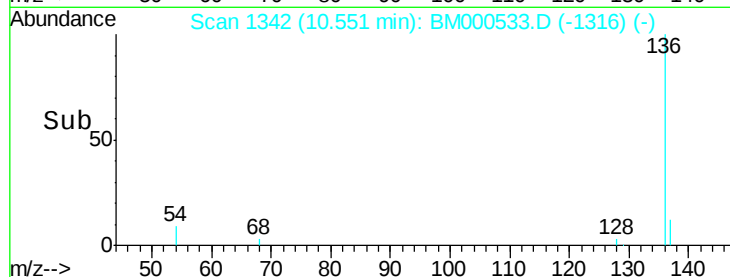
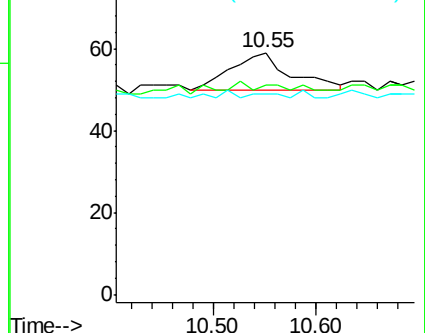
127 83.1 10.3 15.5#



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



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.16 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM000533.D

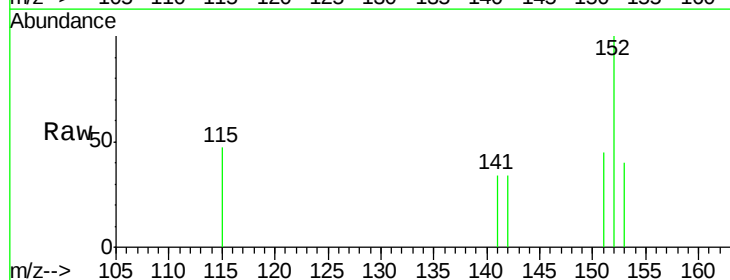
Acq: 16 Feb 2015 14:29

Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

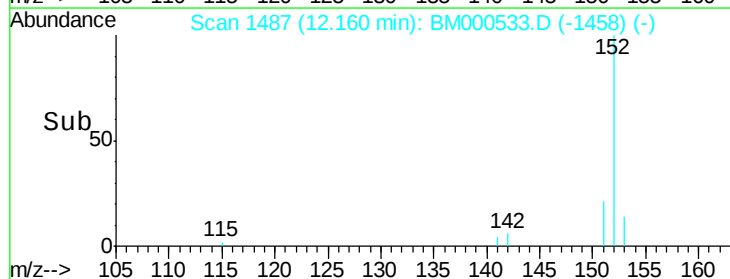
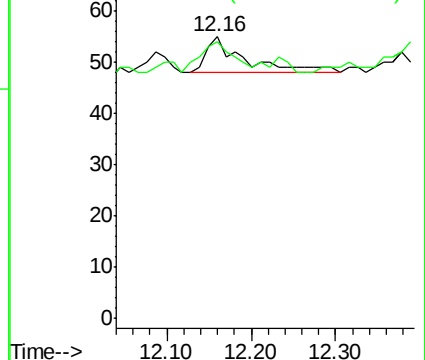
142 100

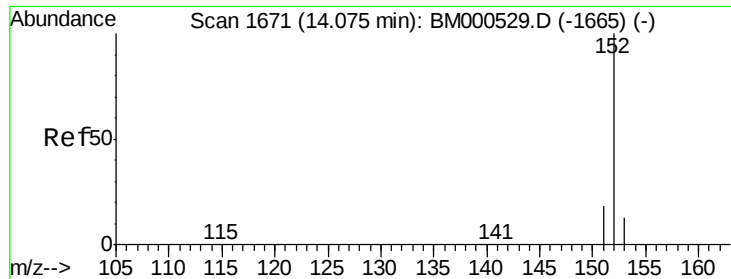
141 72.7 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.07 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

Instrument :

BNA_M

ClientSampleId :

SBLK20

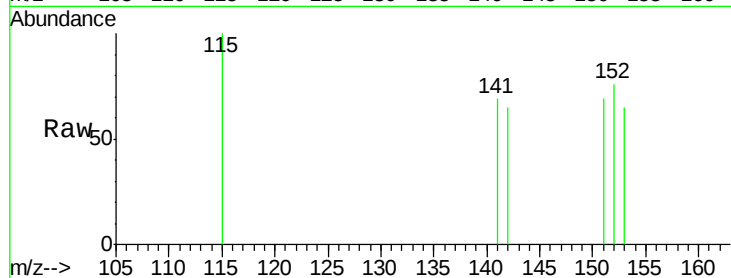
Tgt Ion:152 Resp: 14

Ion Ratio Lower Upper

152 100

151 91.1 15.0 22.4#

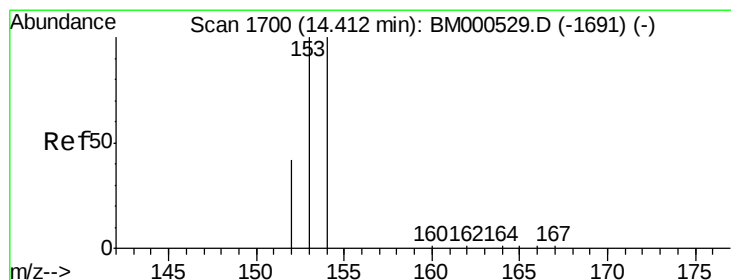
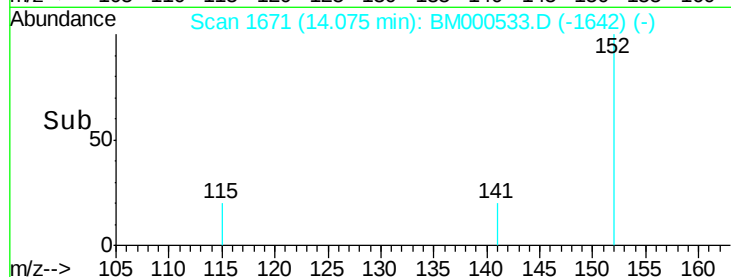
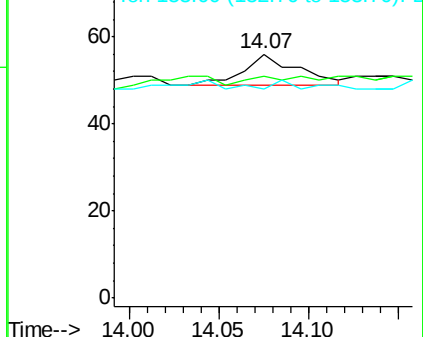
153 85.7 11.3 16.9#



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



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. 0.00 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

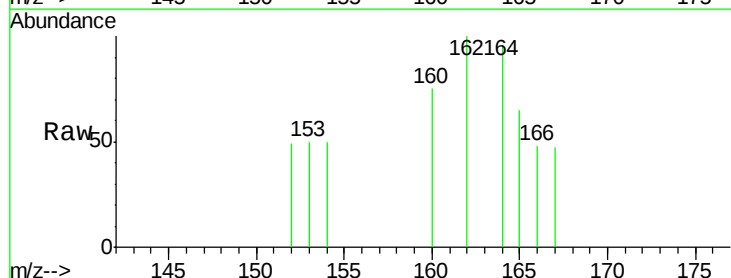
Tgt Ion:153 Resp: 19

Ion Ratio Lower Upper

153 100

152 98.1 34.2 51.4#

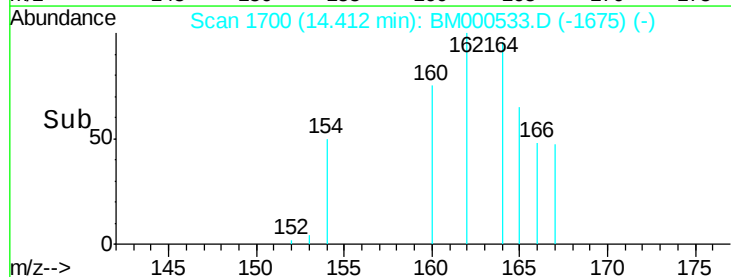
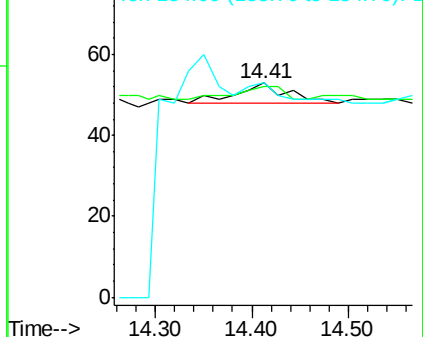
154 100.0 79.4 119.2

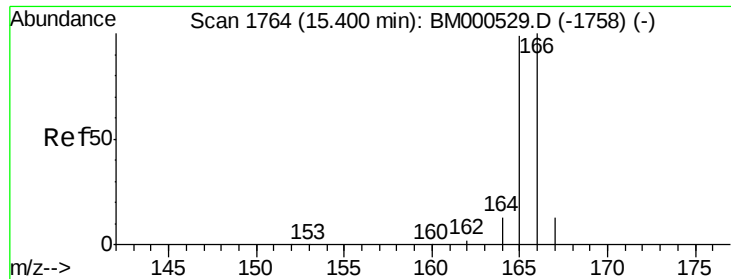


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.00 ng/ul

RT: 15.42 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

Instrument :

BNA_M

ClientSampleId :

SBLK20

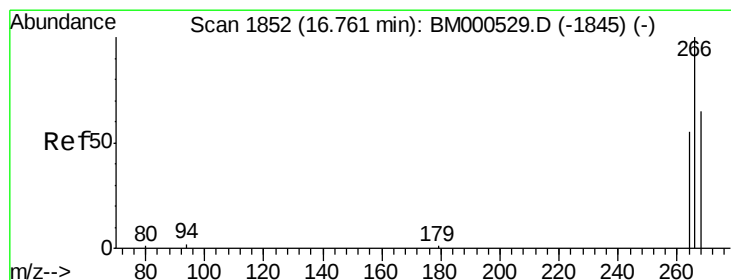
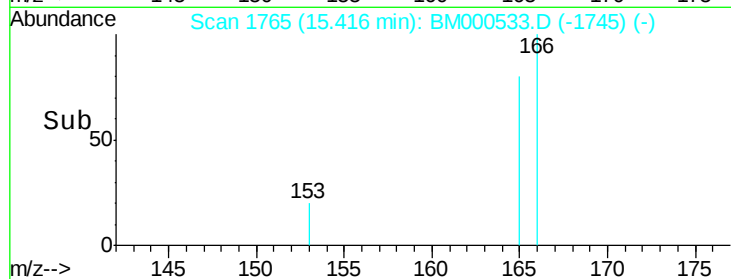
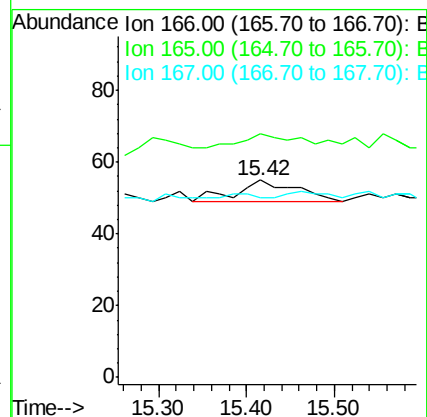
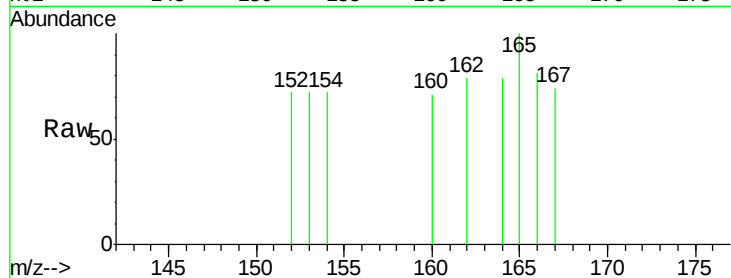
Tgt Ion:166 Resp: 29

Ion Ratio Lower Upper

166 100

165 123.6 79.0 118.6#

167 90.9 10.8 16.2#



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.78 min Scan# 1853

Delta R.T. 0.02 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

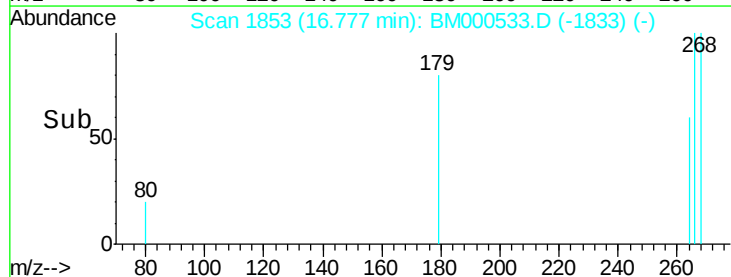
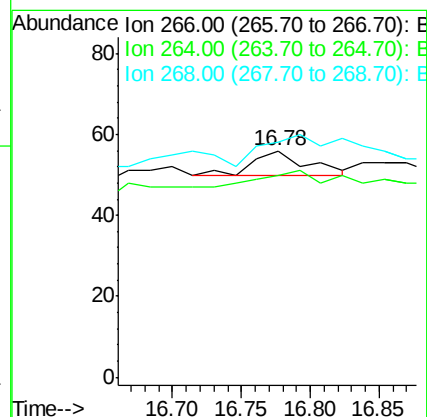
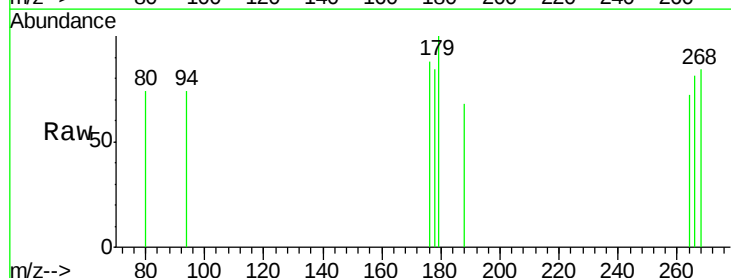
Tgt Ion:266 Resp: 16

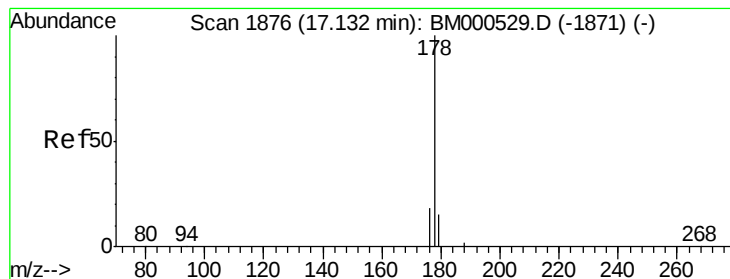
Ion Ratio Lower Upper

266 100

264 118.8 48.8 73.2#

268 243.8 44.7 67.1#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.13 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

Instrument :

BNA_M

ClientSampleId :

SBLK20

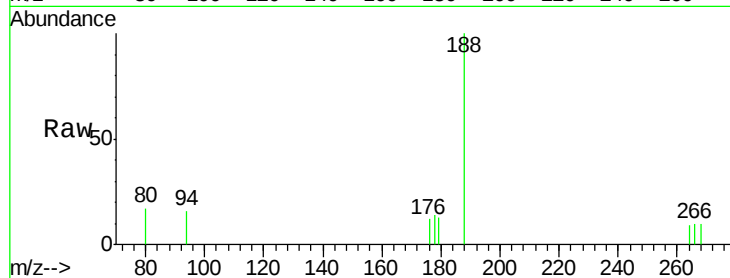
Tgt Ion:178 Resp: 48

Ion Ratio Lower Upper

178 100

176 82.7 14.8 22.2#

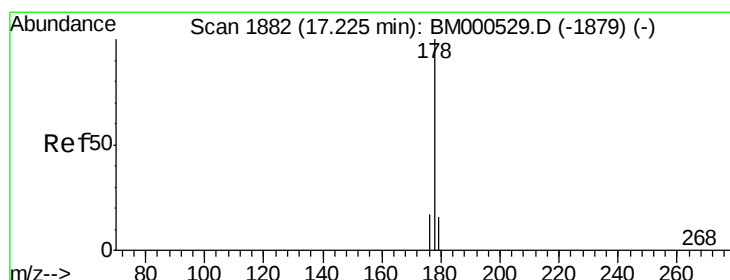
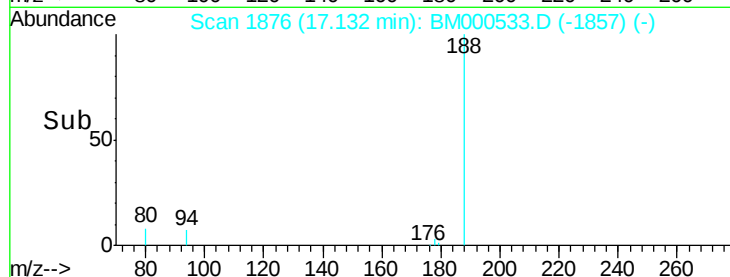
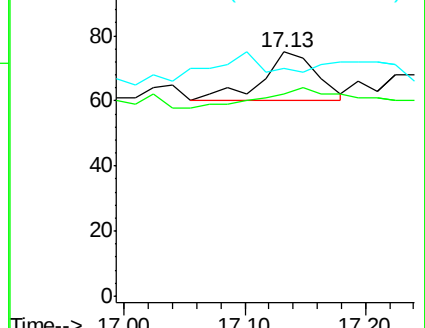
179 93.3 12.6 18.8#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

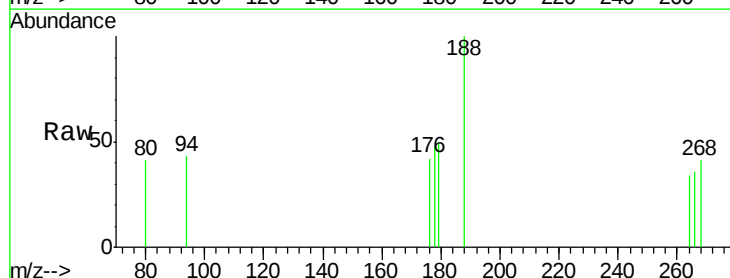
Tgt Ion:178 Resp: 32

Ion Ratio Lower Upper

178 100

176 88.2 14.3 21.5#

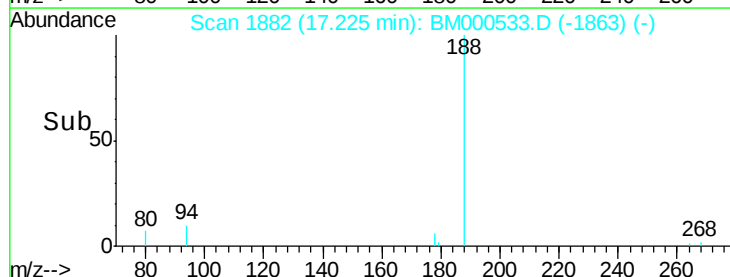
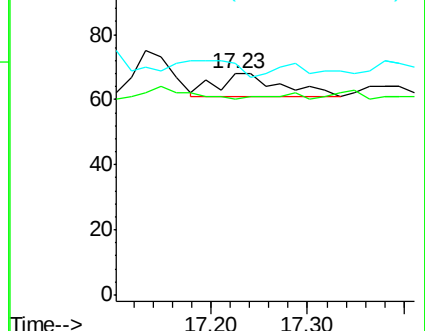
179 104.4 13.0 19.6#

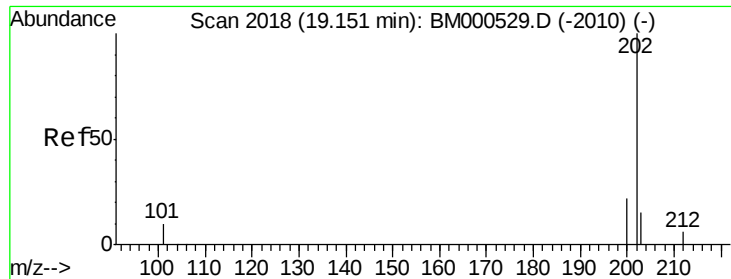


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.15 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

Instrument :

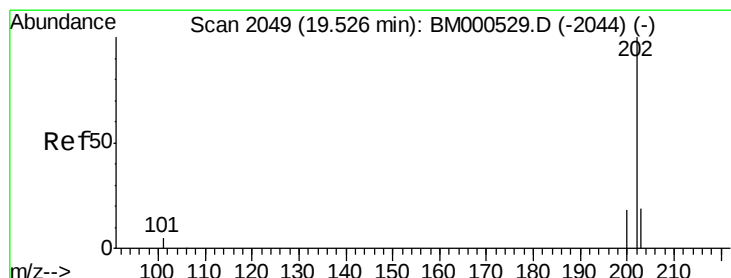
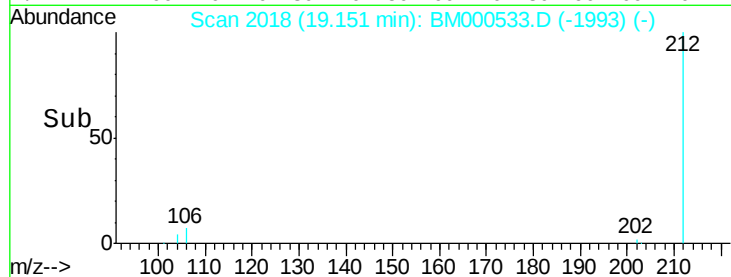
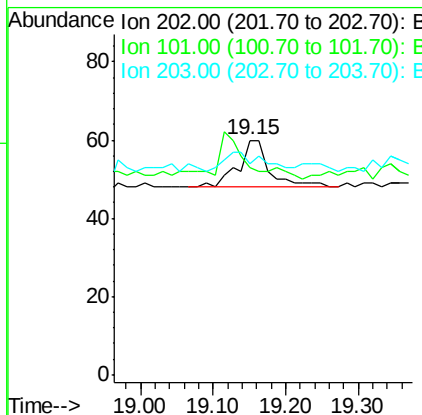
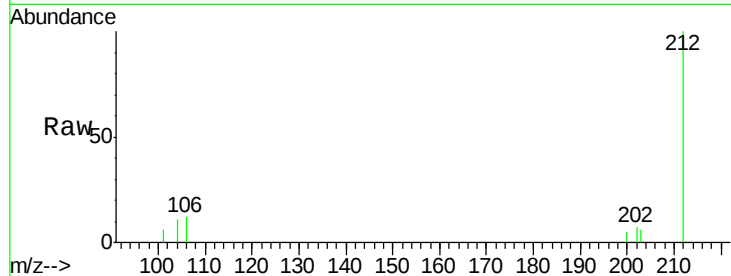
BNA_M

ClientSampleId :

SBLK20

Tgt Ion:202 Resp: 36

Ion	Ratio	Lower	Upper
202	100		
101	88.3	0.0	30.7#
203	90.0	0.0	35.6#



#17

Pyrene

Concen: 0.00 ng/ul

RT: 19.53 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM000533.D

Acq: 16 Feb 2015 14:29

Tgt Ion:202 Resp: 29

Ion	Ratio	Lower	Upper
202	100		
200	77.6	15.0	22.4#
203	82.1	15.2	22.8#

