

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
 Data File : BM027719.D
 Acq On : 05 Nov 2020 15:38
 Operator : JU/CG
 Sample : PB132685BL
 Misc : BL-3
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK685

Quant Time: Nov 05 17:24:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 04:58:48 2020
 Response via : Initial Calibration

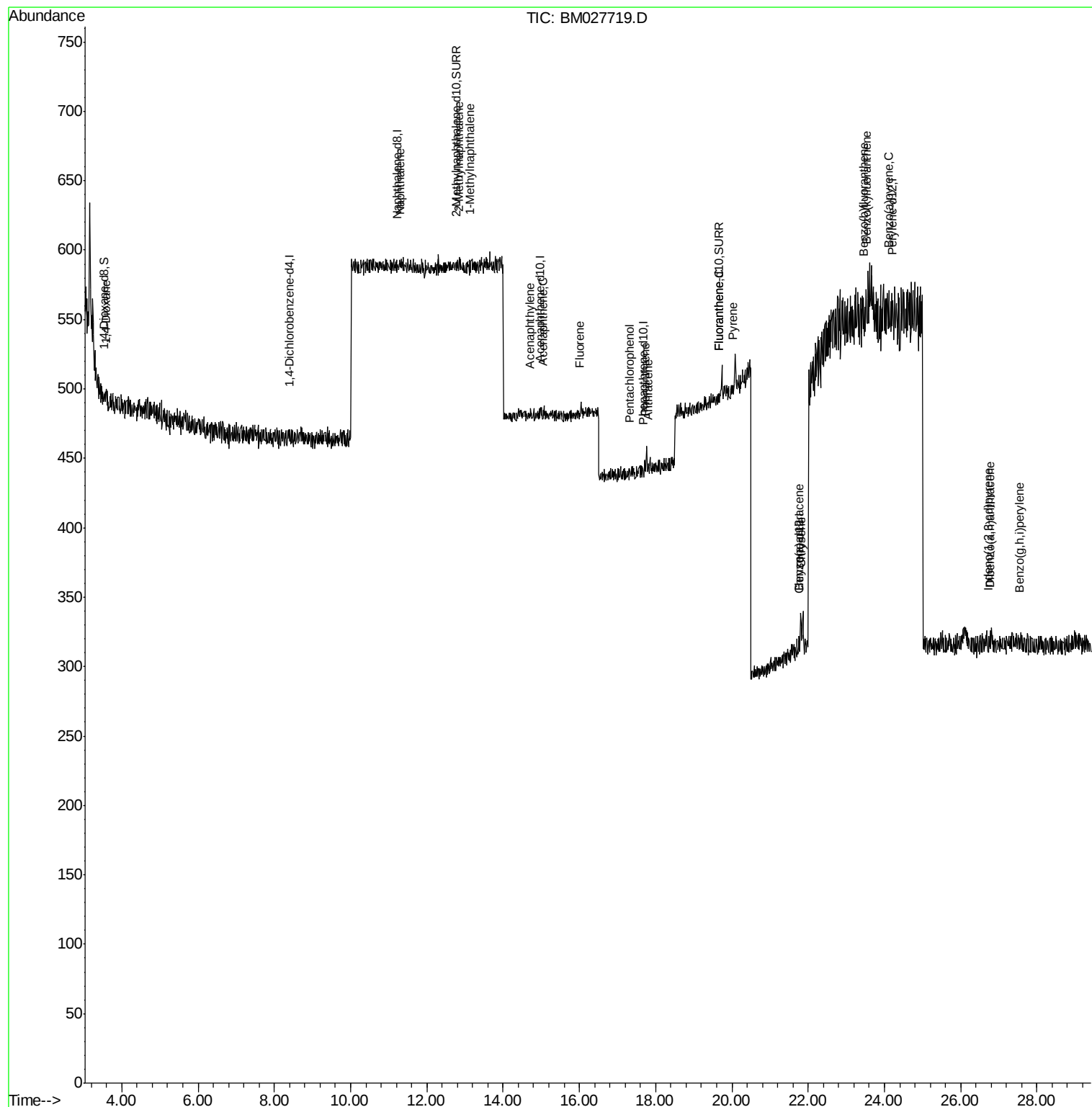
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	3	0.40	ng/ul	-0.01
4) Naphthalene-d8	11.23	136	3	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.98	164	1	0.40	ng/ul	-0.03
13) Phenanthrene-d10	17.68	188	1	0.40	ng/ul	-0.04
19) Chrysene-d12	21.78	240	1	0.40	ng/ul	-0.04
23) Perylene-d12	24.22	264	1	0.40	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	3	0.98	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.79	152	1	0.20	ng/ul	0.00
17) Fluoranthene-d10	19.66	212	1	0.37	ng/ul	-0.05
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.59	88	8	2.415	ng/ul#	82
5) Naphthalene	11.28	128	2	0.235	ng/ul#	1
7) 2-Methylnaphthalene	12.86	142	1	0.171	ng/ul	88
8) 1-Methylnaphthalene	13.12	142	1	0.181	ng/ul	92
10) Acenaphthylene	14.70	152	1	0.224	ng/ul#	1
11) Acenaphthene	15.04	153	1	0.295	ng/ul#	70
12) Fluorene	16.02	166	1	0.249	ng/ul#	68
14) Pentachlorophenol	17.31	266	3	9.099	ng/ul#	40
15) Phenanthrene	17.72	178	1	0.343	ng/ul#	1
16) Anthracene	17.80	178	2	0.698	ng/ul#	1
18) Fluoranthene	19.65	202	1	0.294	ng/ul#	1
20) Pyrene	20.03	202	1	0.256	ng/ul#	1
21) Benzo(a)anthracene	21.76	228	2	0.547	ng/ul#	1
22) Chrysene	21.80	228	17	4.529	ng/ul#	1
24) Benzo(b)fluoranthene	23.47	252	6	1.492	ng/ul#	1
25) Benzo(k)fluoranthene	23.52	252	13	3.247	ng/ul#	1
26) Benzo(a)pyrene	24.11	252	6	1.648	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.74	276	2	0.467	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.76	278	2	0.562	ng/ul#	1
29) Benzo(g,h,i)perylene	27.54	276	1	0.278	ng/ul#	1

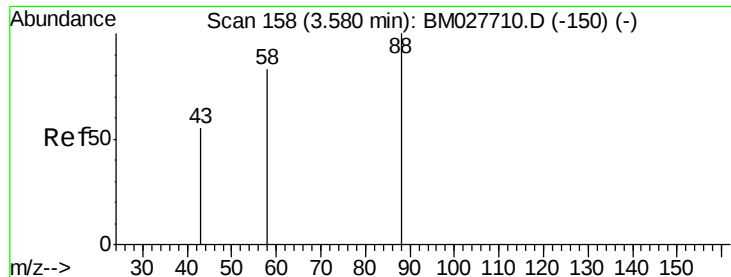
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.415 ng/ul

RT: 3.59 min Scan# 160

Delta R.T. 0.01 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Instrument :

BNA_M

ClientSampleId :

SBLK685

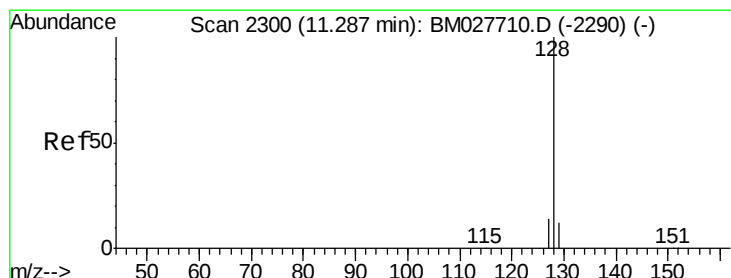
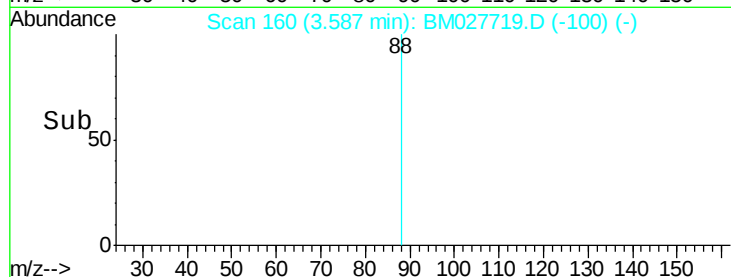
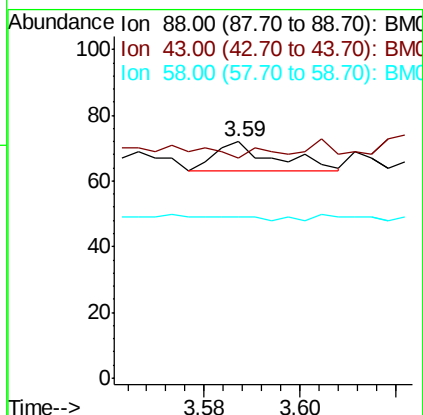
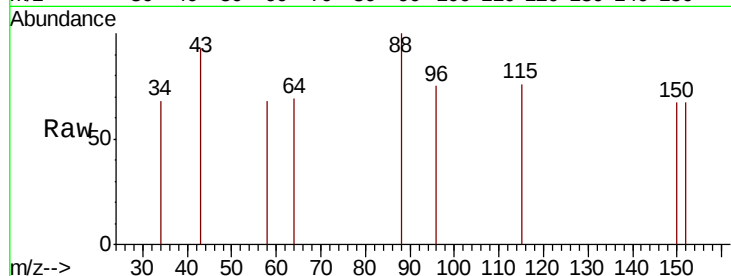
Tot Ion: 88 Resp: 8

Ion Ratio Lower Upper

88 100

43 93.1 61.8 92.6#

58 68.1 67.8 101.8



#5

Naphthalene

Concen: 0.235 ng/ul

RT: 11.28 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

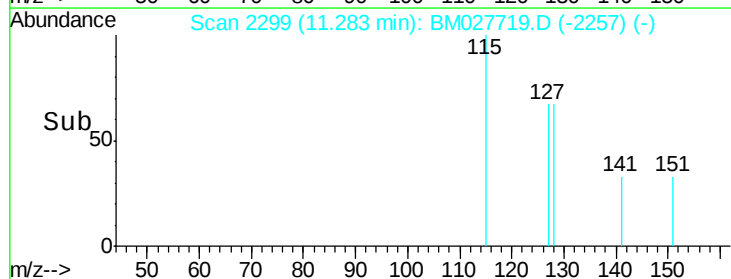
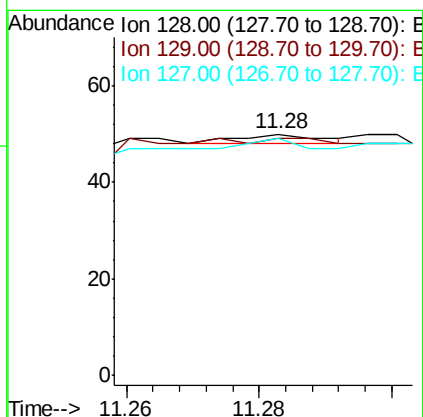
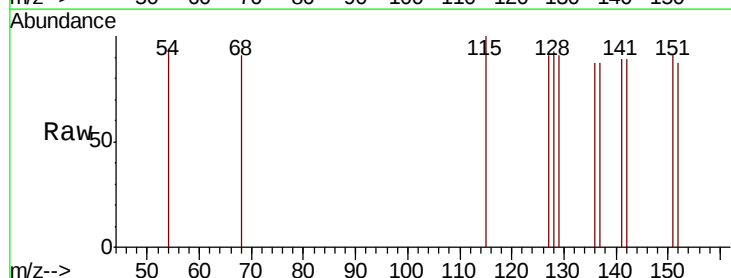
Tgt Ion: 128 Resp: 2

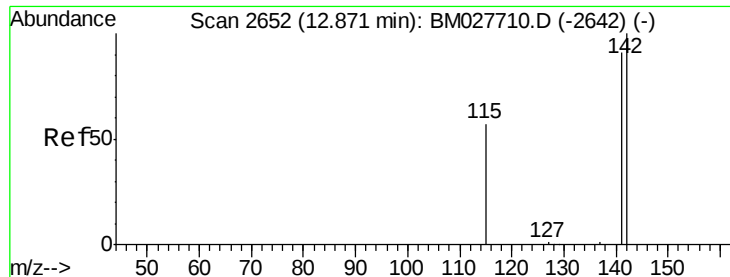
Ion Ratio Lower Upper

128 100

129 98.0 11.7 17.5#

127 98.0 14.0 21.0#





#7

2-Methylnaphthalene

Concen: 0.171 ng/ul

RT: 12.86 min Scan# 2649

Delta R.T. -0.01 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Instrument :

BNA_M

ClientSampleId :

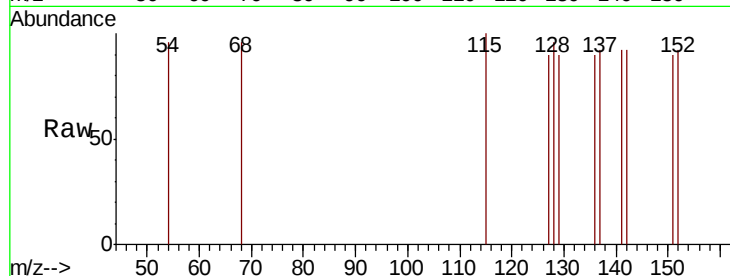
SBLK685

Tot Ion:142 Resp: 1

Ion Ratio Lower Upper

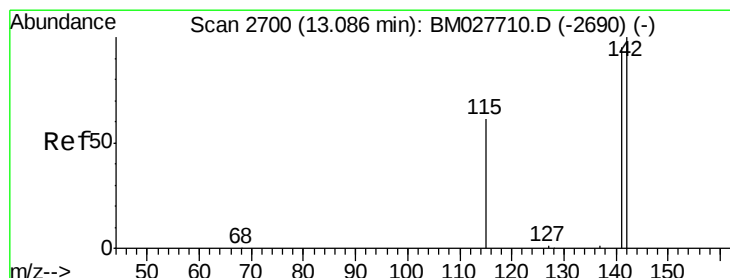
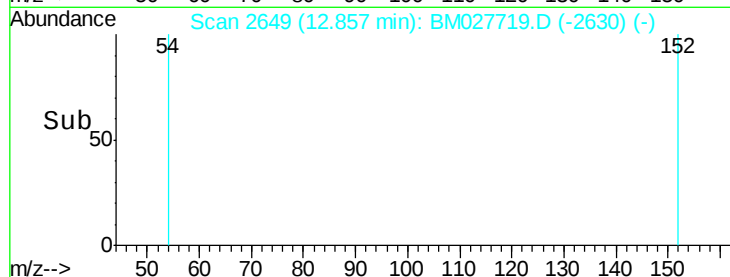
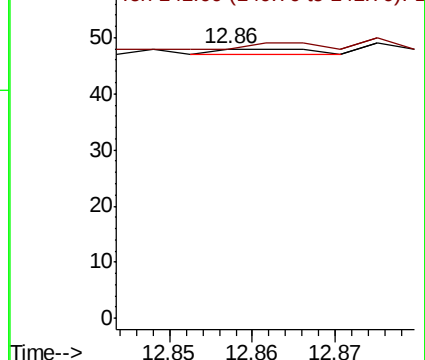
142 100

141 100.0 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.181 ng/ul

RT: 13.12 min Scan# 2708

Delta R.T. 0.04 min

Lab File: BM027719.D

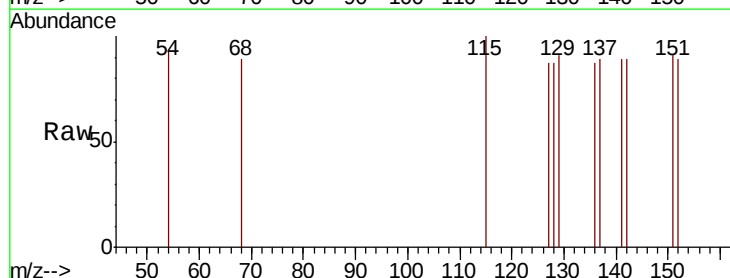
Acq: 05 Nov 2020 15:38

Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

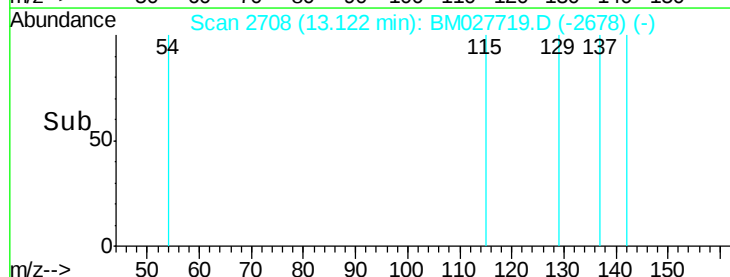
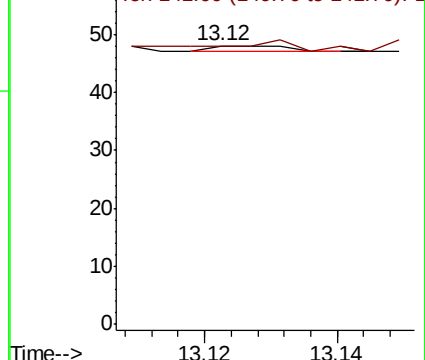
142 100

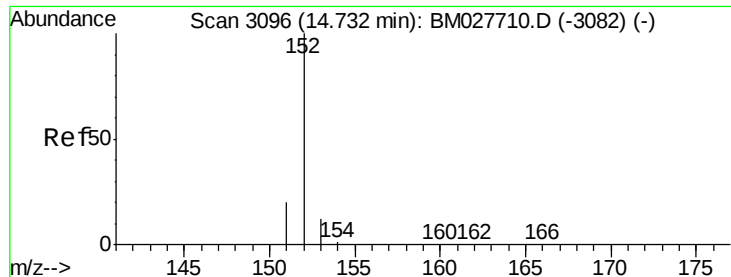
141 100.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.224 ng/ul

RT: 14.70 min Scan# 3088

Delta R.T. -0.03 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

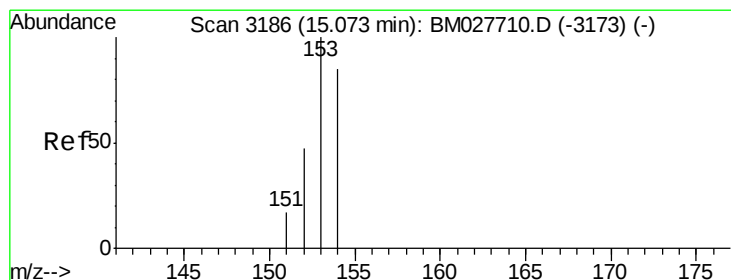
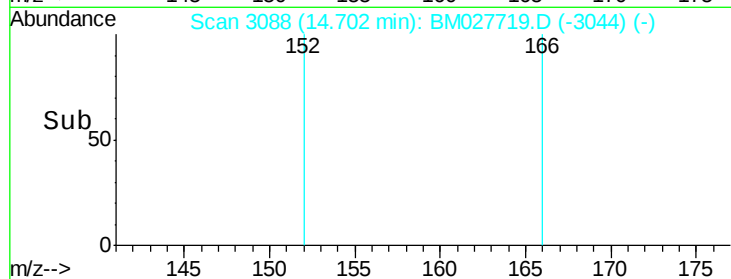
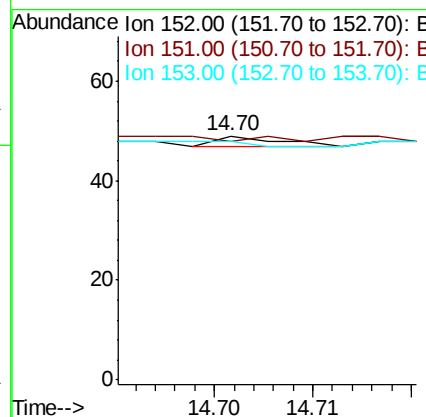
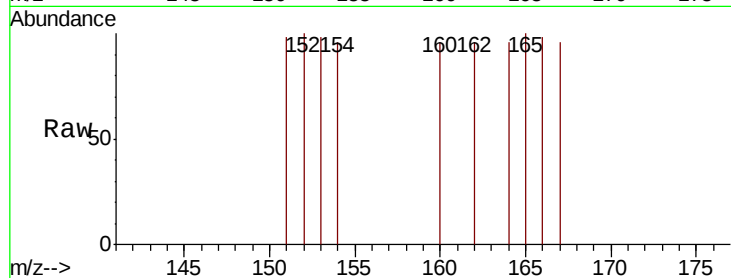
Instrument :

BNA_M

ClientSampleId :

SBLK685

Tot Ion:	152	Resp:	1
Ion	Ratio	Lower	Upper
152	100		
151	98.0	17.8	26.8#
153	98.0	13.5	20.3#



#11

Acenaphthene

Concen: 0.295 ng/ul

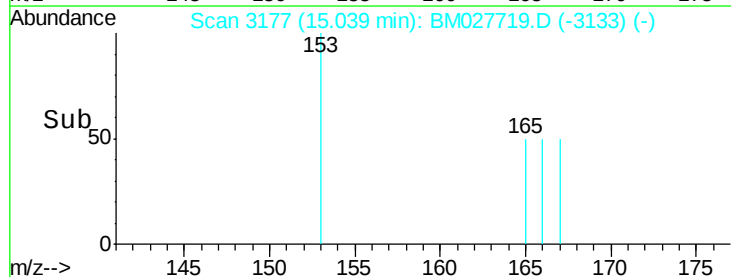
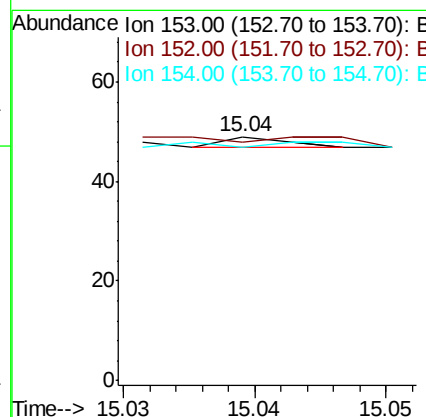
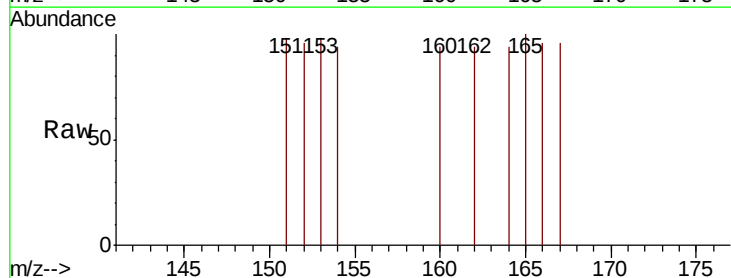
RT: 15.04 min Scan# 3177

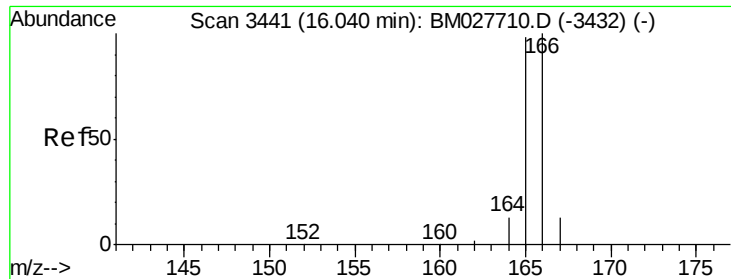
Delta R.T. -0.03 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Tgt Ion:	153	Resp:	1
Ion	Ratio	Lower	Upper
153	100		
152	98.0	40.6	60.8#
154	95.9	71.0	106.4





#12

Fluorene

Concen: 0.249 ng/ul

RT: 16.02 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Instrument :

BNA_M

ClientSampleId :

SBLK685

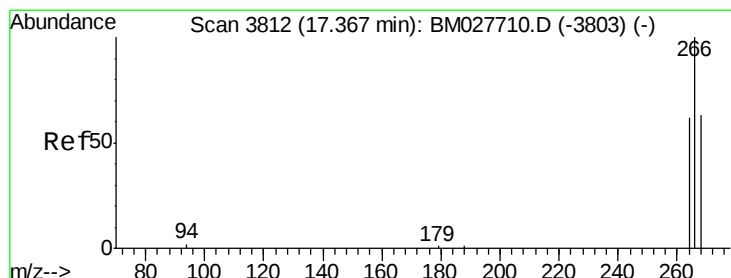
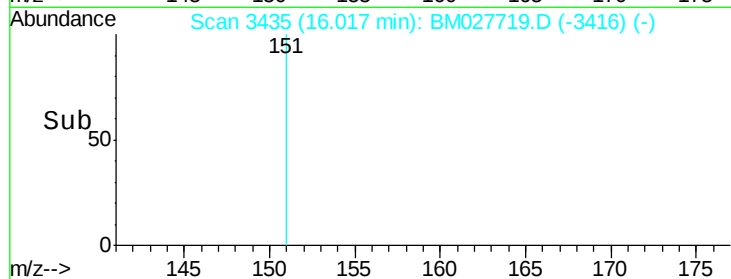
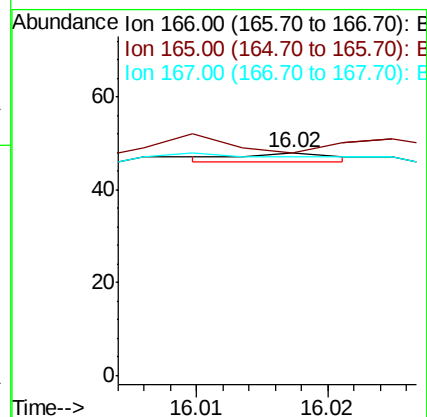
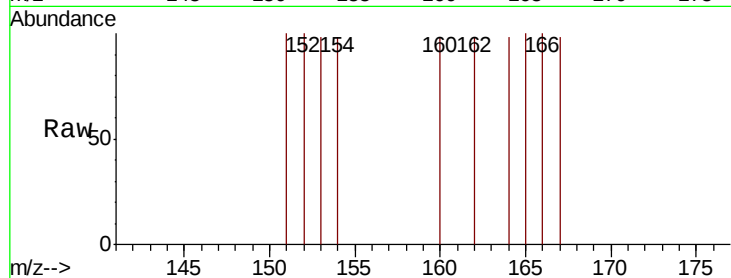
Tot Ion:166 Resp: 1

Ion Ratio Lower Upper

166 100

165 100.0 76.2 114.4

167 97.9 13.7 20.5#



#14

Pentachlorophenol

Concen: 9.099 ng/ul

RT: 17.31 min Scan# 3795

Delta R.T. -0.06 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

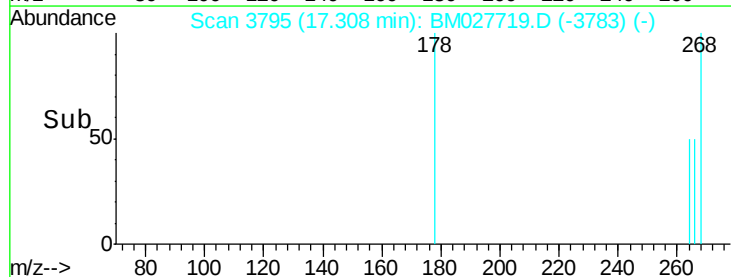
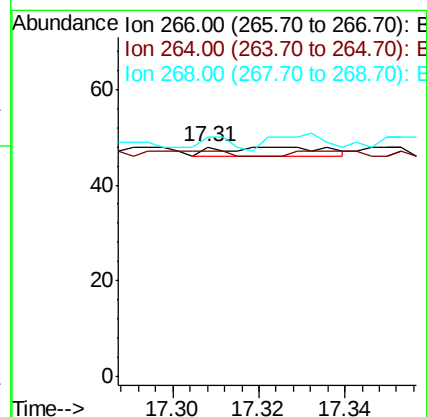
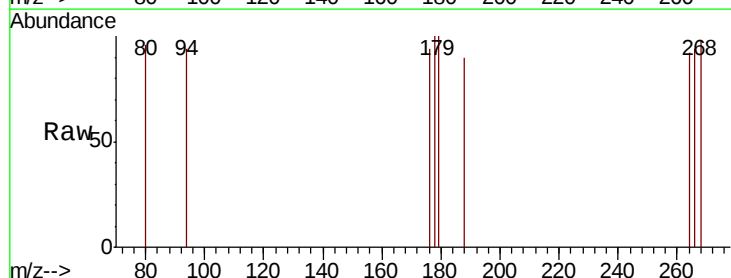
Tgt Ion:266 Resp: 3

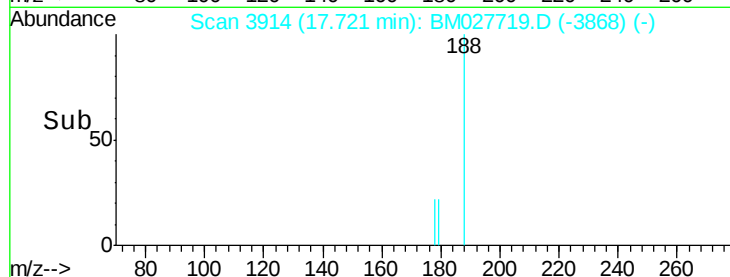
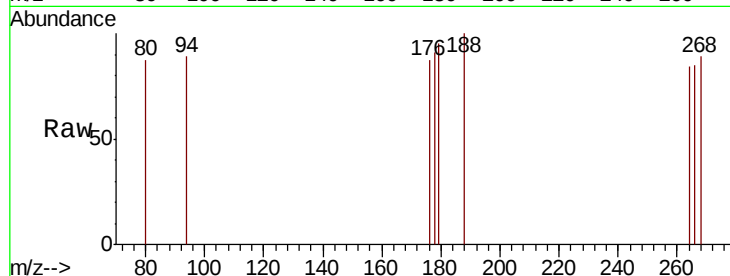
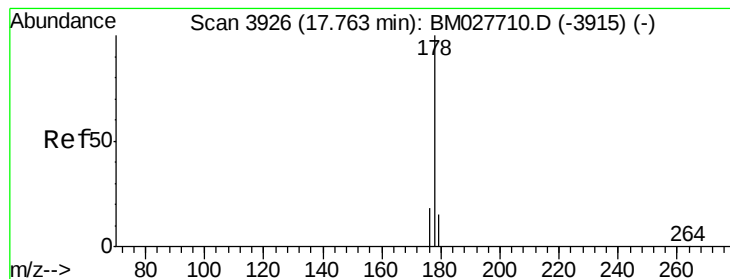
Ion Ratio Lower Upper

266 100

264 0.0 48.2 72.4#

268 33.3 53.4 80.0#





#15

Phenanthrene

Concen: 0.343 ng/ul

RT: 17.72 min Scan# 3914

Delta R.T. -0.04 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Instrument :

BNA_M

ClientSampleId :

SBLK685

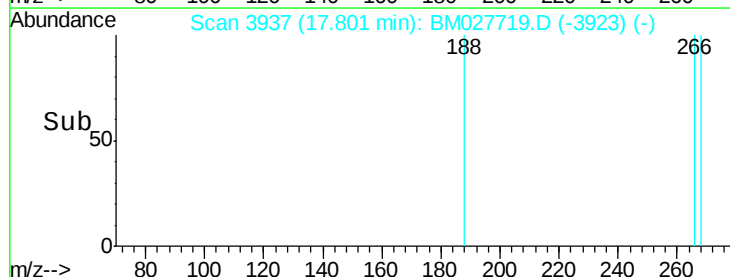
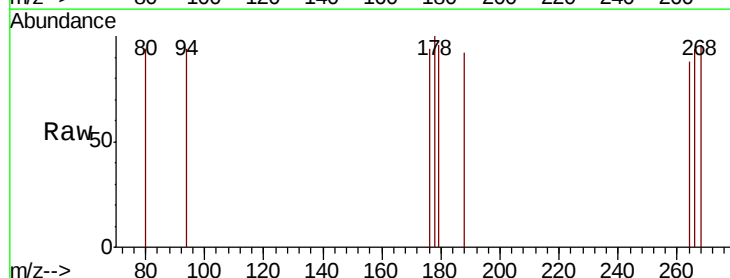
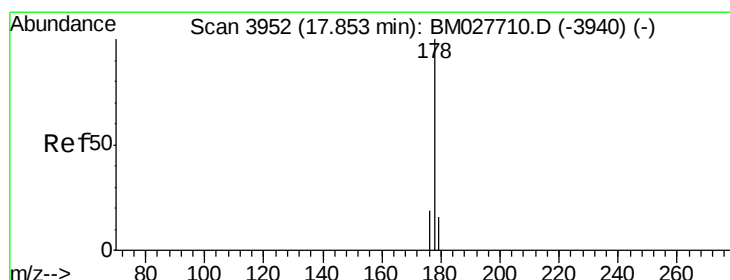
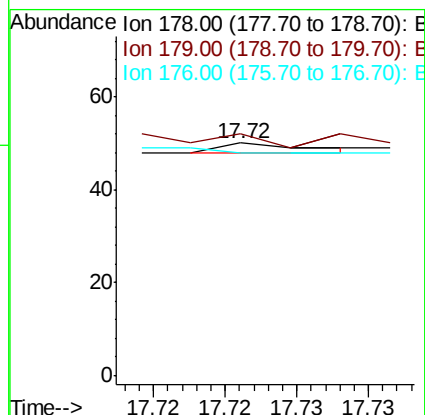
Tot Ion:178 Resp: 1

Ion Ratio Lower Upper

178 100

179 104.0 14.6 22.0#

176 96.0 18.2 27.2#



#16

Anthracene

Concen: 0.698 ng/ul

RT: 17.80 min Scan# 3937

Delta R.T. -0.05 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

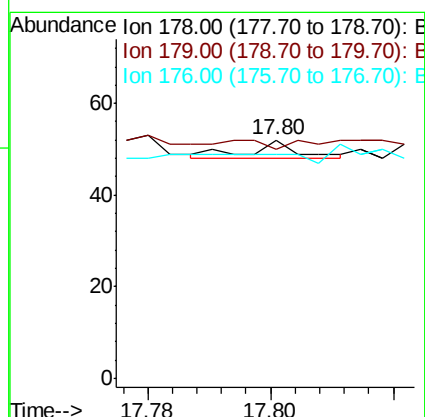
Tgt Ion:178 Resp: 2

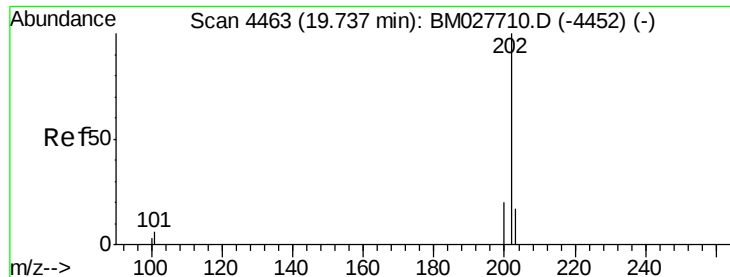
Ion Ratio Lower Upper

178 100

179 96.2 14.1 21.1#

176 94.2 16.3 24.5#





#18

Fluoranthene

Concen: 0.294 ng/ul

RT: 19.65 min Scan# 4441

Delta R.T. -0.08 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

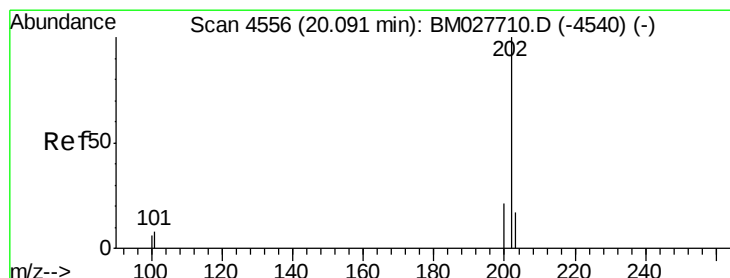
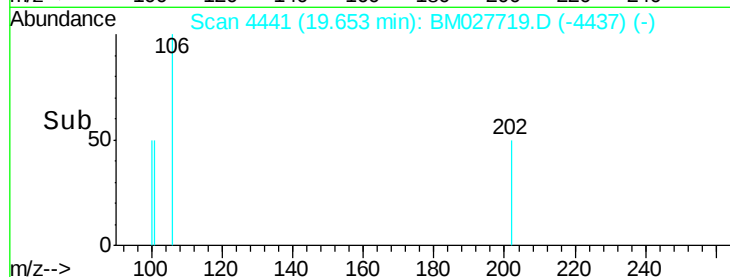
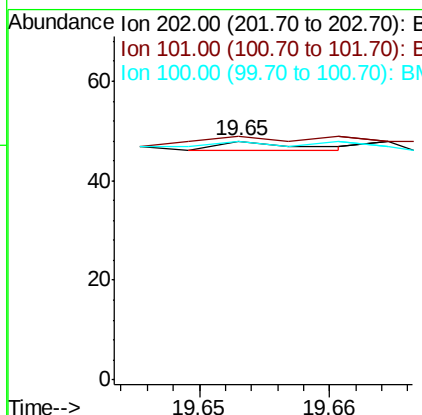
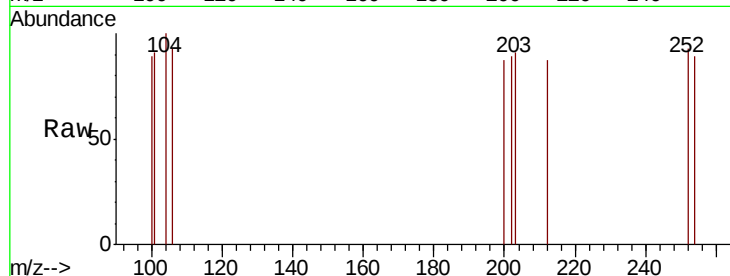
Instrument :

BNA_M

ClientSampleId :

SBLK685

Tot Ion:202	Resp:	1
Ion	Ratio	Lower Upper
202	100	
101	102.1	6.1 9.1#
100	100.0	5.8 8.6#



#20

Pyrene

Concen: 0.256 ng/ul

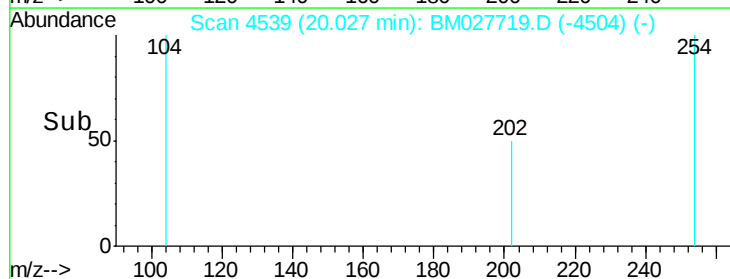
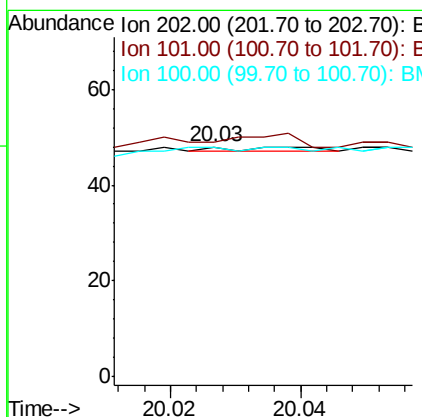
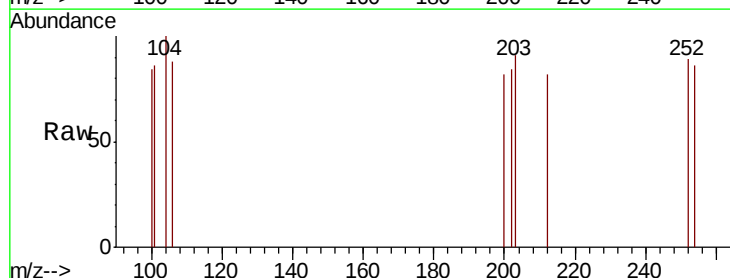
RT: 20.03 min Scan# 4539

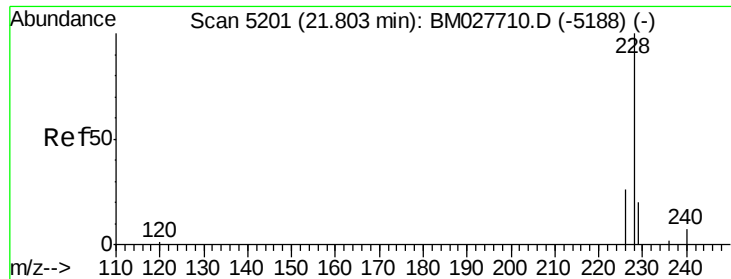
Delta R.T. -0.06 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Tgt Ion:202	Resp:	1
Ion	Ratio	Lower Upper
202	100	
101	102.1	7.4 11.0#
100	100.0	6.6 9.8#





#21

Benzo(a)anthracene

Concen: 0.547 ng/ul

RT: 21.76 min Scan# 5183

Delta R.T. -0.04 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

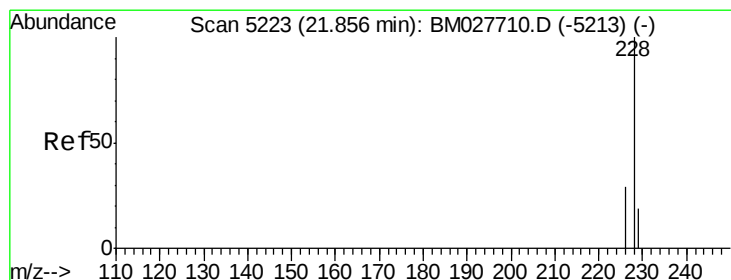
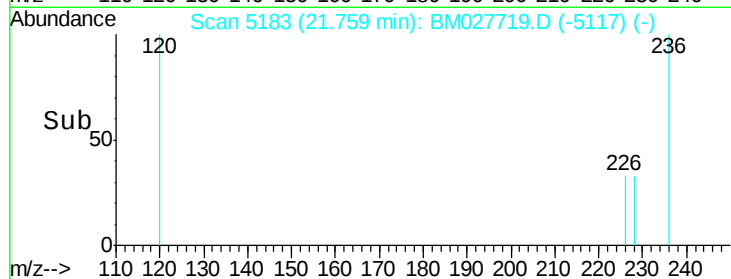
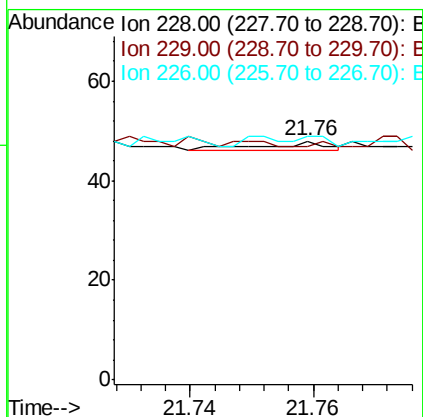
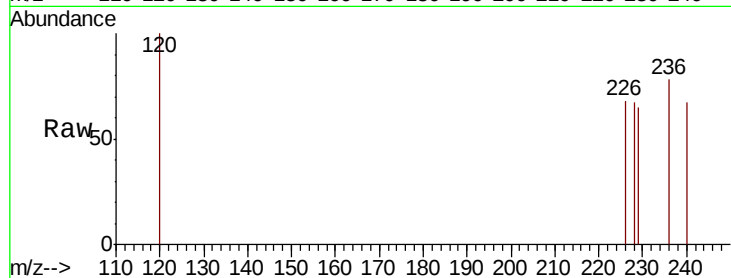
Instrument :

BNA_M

ClientSampleId :

SBLK685

Tot Ion:228	Resp:	2
Ion	Ratio	Lower Upper
228	100	
229	97.9	17.0 25.4#
226	102.1	22.0 33.0#



#22

Chrysene

Concen: 4.529 ng/ul

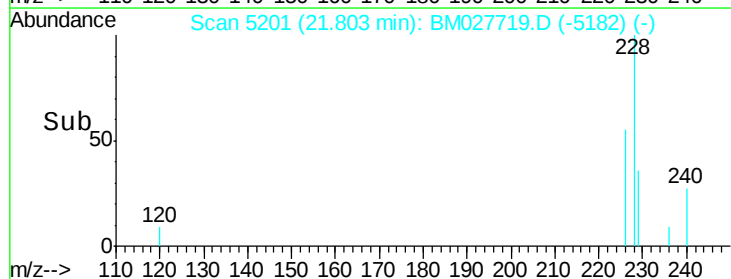
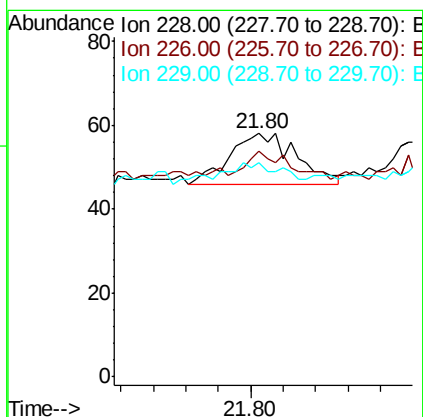
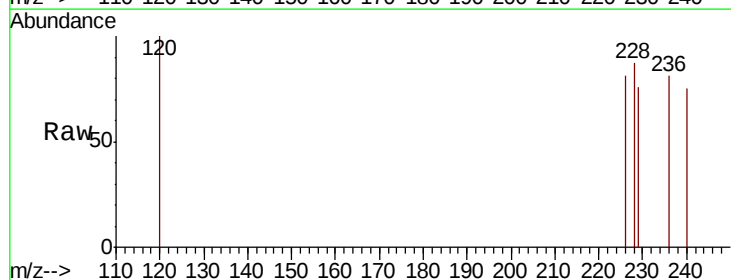
RT: 21.80 min Scan# 5201

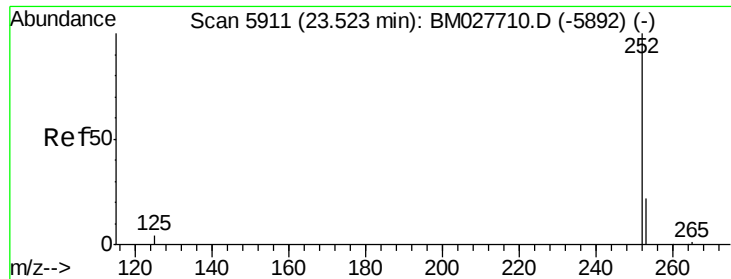
Delta R.T. -0.05 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Tgt Ion:228	Resp:	17
Ion	Ratio	Lower Upper
228	100	
226	93.1	24.0 36.0#
229	87.9	16.9 25.3#





#24

Benzo(b)fluoranthene

Concen: 1.492 ng/ul

RT: 23.47 min Scan# 5889

Delta R.T. -0.05 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Instrument :

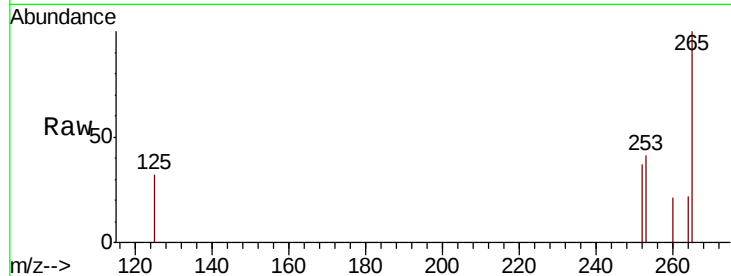
BNA_M

ClientSampleId :

SBLK685

Tot Ion:252 Resp: 6

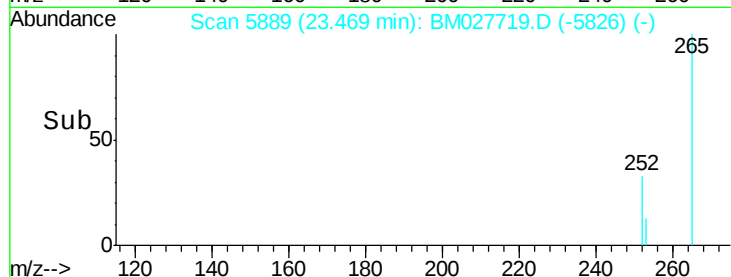
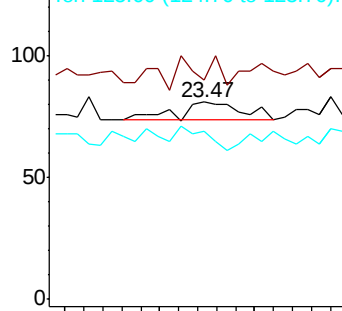
Ion	Ratio	Lower	Upper
252	100		
253	111.1	0.0	53.0#
125	85.2	0.0	17.6#



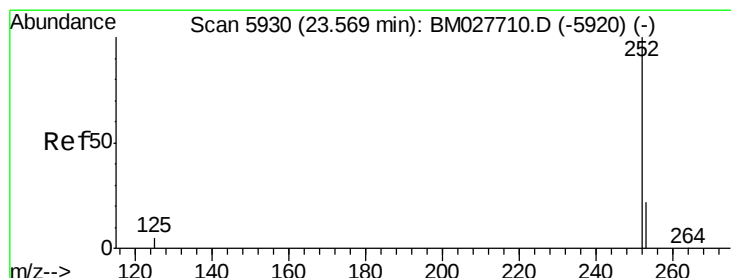
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#25

Benzo(k)fluoranthene

Concen: 3.247 ng/ul

RT: 23.52 min Scan# 5909

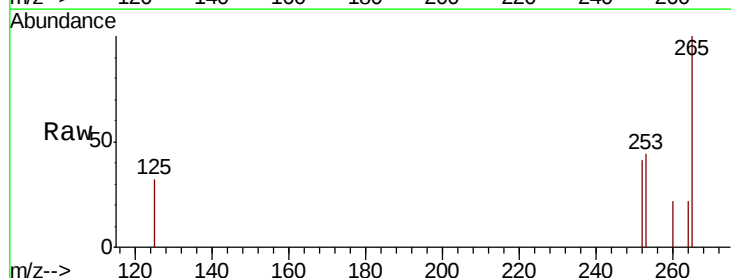
Delta R.T. -0.05 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Tgt Ion:252 Resp: 13

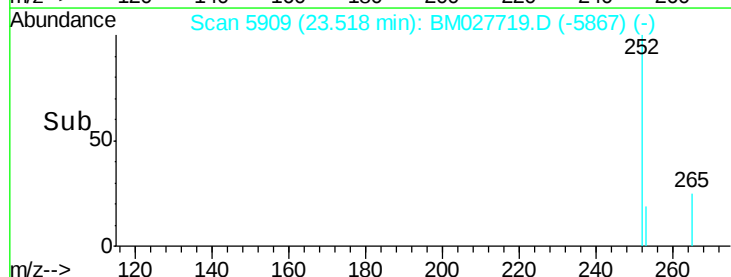
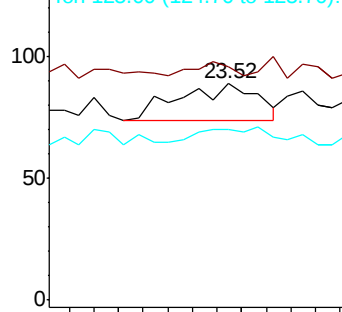
Ion	Ratio	Lower	Upper
252	100		
253	107.9	21.4	32.2#
125	78.7	7.4	11.0#



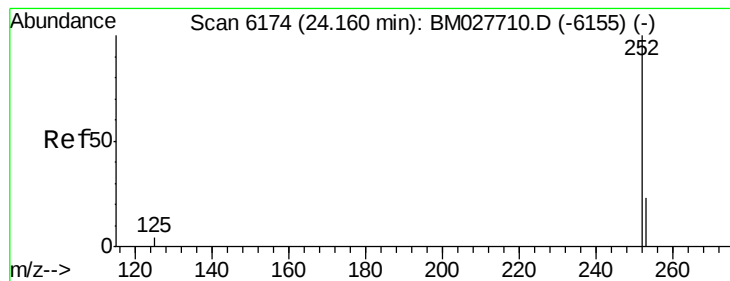
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



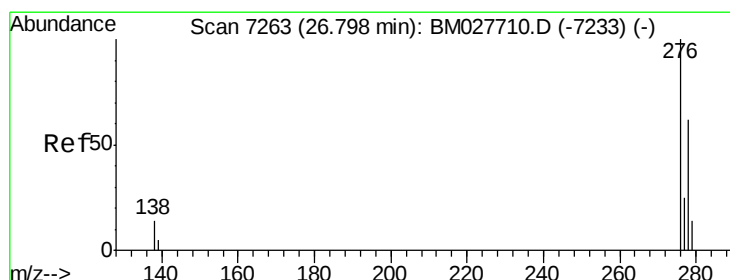
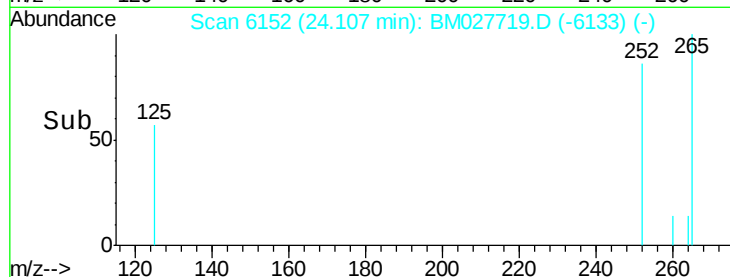
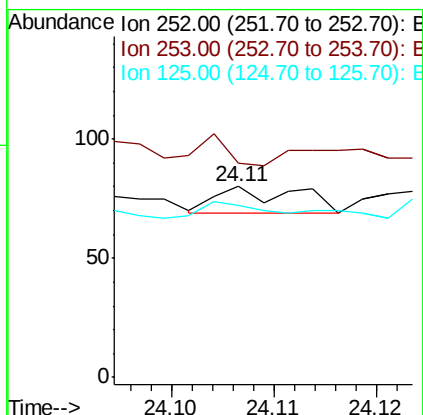
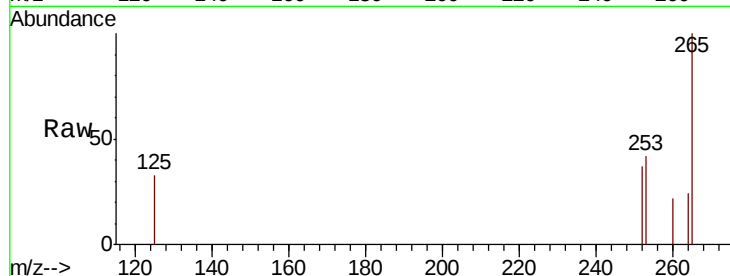
Time-->



#26
Benzo(a)pyrene
Concen: 1.648 ng/ul
RT: 24.11 min Scan# 6152
Delta R.T. -0.05 min
Lab File: BM027719.D
Acq: 05 Nov 2020 15:38

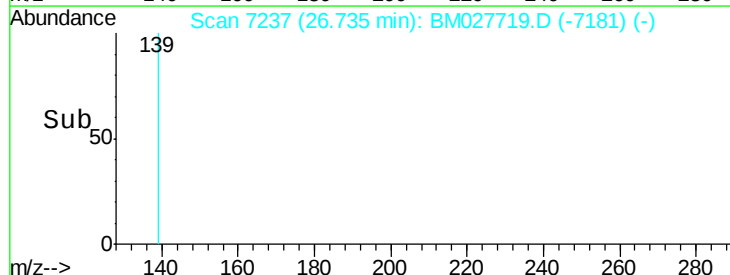
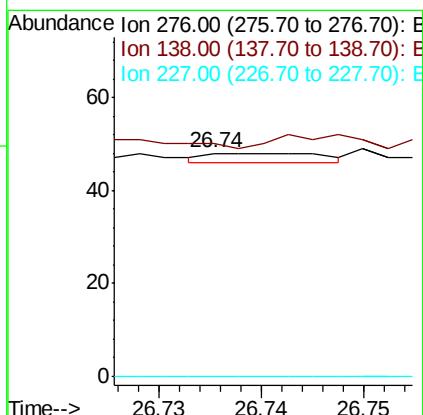
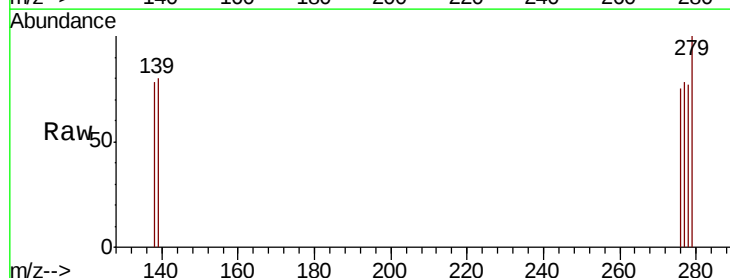
Instrument :
BNA_M
ClientSampleId :
SBLK685

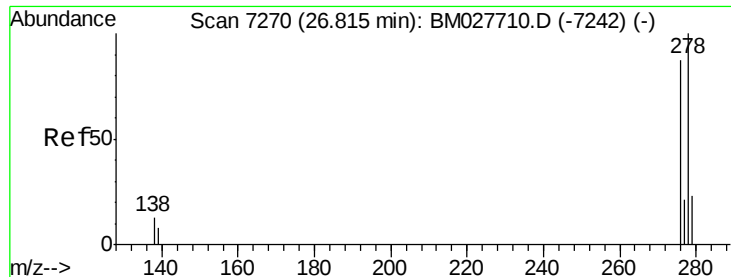
Tot Ion:252 Resp: 6
Ion Ratio Lower Upper
252 100
253 112.5 22.3 33.5#
125 90.0 8.8 13.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.467 ng/ul
RT: 26.74 min Scan# 7237
Delta R.T. -0.07 min
Lab File: BM027719.D
Acq: 05 Nov 2020 15:38

Tgt Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 100.0 11.0 16.6#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.562 ng/ul

RT: 26.76 min Scan# 7246

Delta R.T. -0.06 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

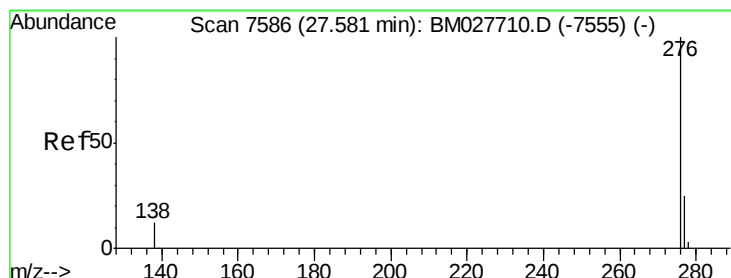
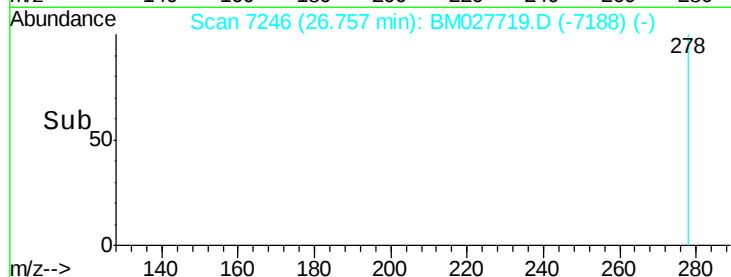
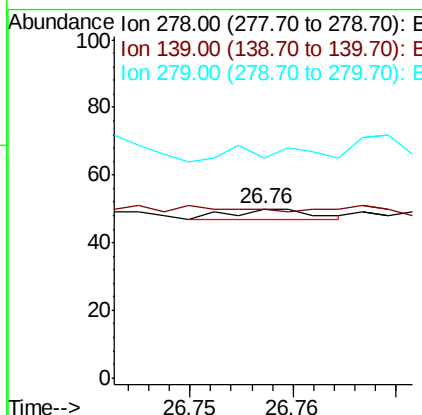
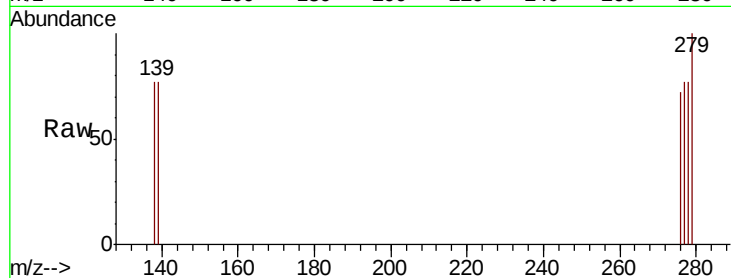
Instrument :

BNA_M

ClientSampleId :

SBLK685

Tot Ion:278	Resp:	2
Ion	Ratio	Lower Upper
278	100	
139	100.0	12.6 18.8#
279	130.0	24.3 36.5#



#29

Benzo(g,h,i)perylene

Concen: 0.278 ng/ul

RT: 27.54 min Scan# 7570

Delta R.T. -0.04 min

Lab File: BM027719.D

Acq: 05 Nov 2020 15:38

Tgt Ion:276	Resp:	1
Ion	Ratio	Lower Upper
276	100	
138	100.0	15.0 22.4#
277	104.1	24.2 36.2#

