

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025113.D
 Acq On : 27 Feb 2020 21:03
 Operator : CG/JU
 Sample : L1582-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 04:27:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3030	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	10858	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	24607	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	19219	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	19814	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	21857	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	7663	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18786	0.28	ng/ul	0.00

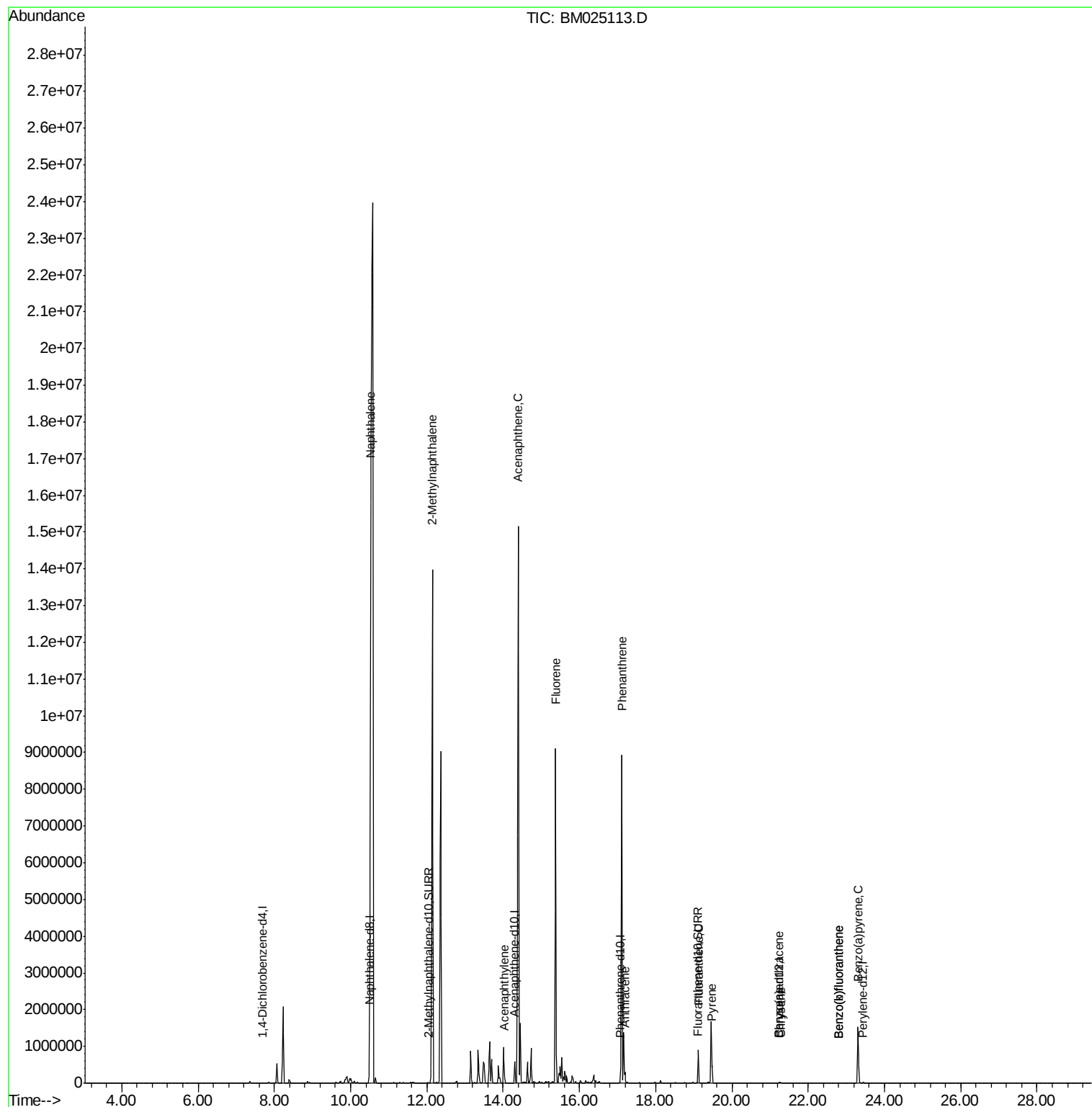
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.52	128	44166405	1336.244	ng/ul#	90
5) 2-Methylnaphthalene	12.15	142	10800133	452.832	ng/ul	98
7) Acenaphthylene	14.03	152	141492	0.997	ng/ul#	90
8) Acenaphthene	14.39	153	9311191	97.681	ng/ul	95
9) Fluorene	15.38	166	5903301	49.353	ng/ul	94
12) Phenanthrene	17.11	178	9738098	144.055	ng/ul	97
13) Anthracene	17.19	178	293769	4.484	ng/ul	96
15) Fluoranthene	19.12	202	770078	7.842	ng/ul	95
17) Pyrene	19.48	202	397804	4.456	ng/ul	96
18) Benzo(a)anthracene	21.23	228	13522	0.158	ng/ul	99
19) Chrysene	21.28	228	15760	0.185	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	4111	0.048	ng/ul	73
22) Benzo(k)fluoranthene	22.79	252	4111	0.048	ng/ul#	71
23) Benzo(a)pyrene	23.31	252	7098	0.091	ng/ul#	79

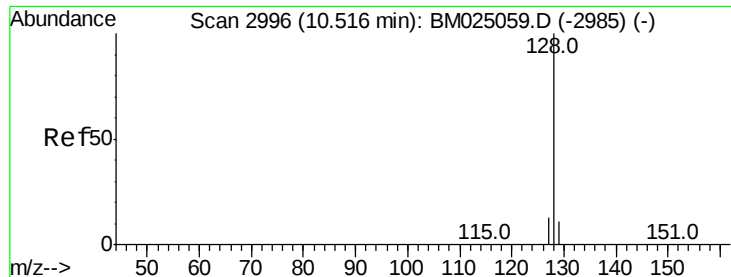
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025113.D
Acq On : 27 Feb 2020 21:03
Operator : CG/JU
Sample : L1582-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 28 04:27:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1336.244 ng/ul

RT: 10.52 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

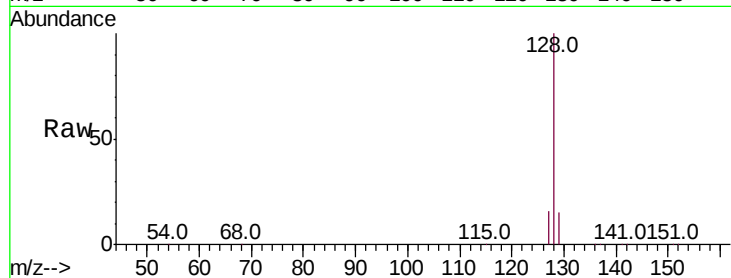
Tot Ion:128 Resp:44166405

Ion Ratio Lower Upper

128 100

129 14.9 17.0 25.6#

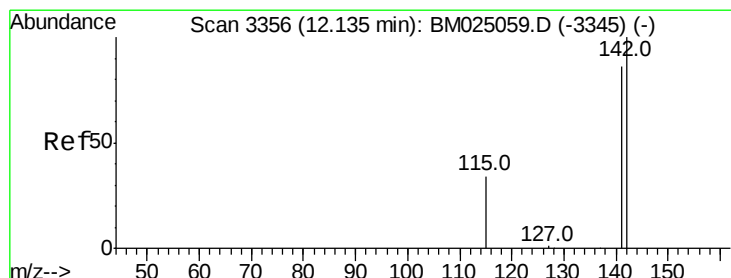
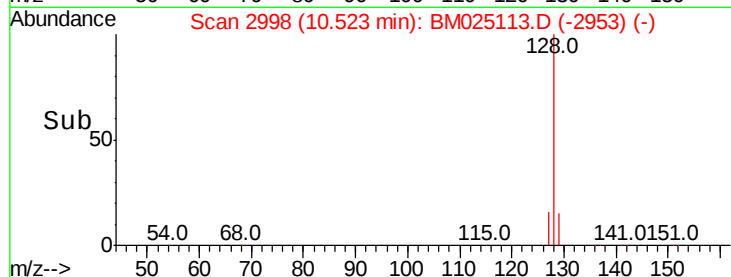
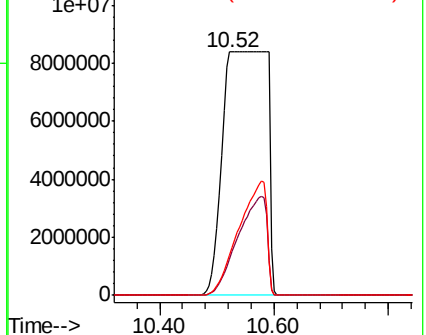
127 16.4 15.7 23.5



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: 452.832 ng/ul

RT: 12.15 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM025113.D

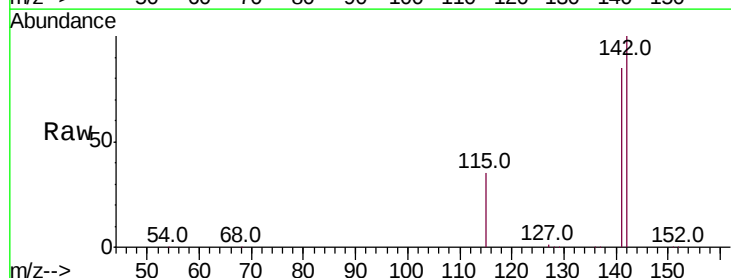
Acq: 27 Feb 2020 21:03

Tgt Ion:142 Resp:10800133

Ion Ratio Lower Upper

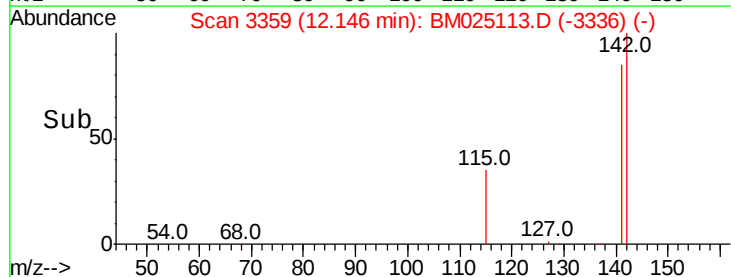
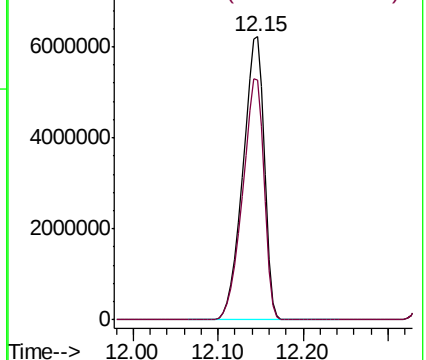
142 100

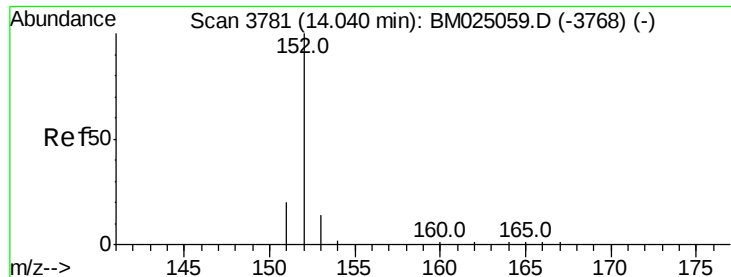
141 85.5 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.997 ng/ul

RT: 14.03 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

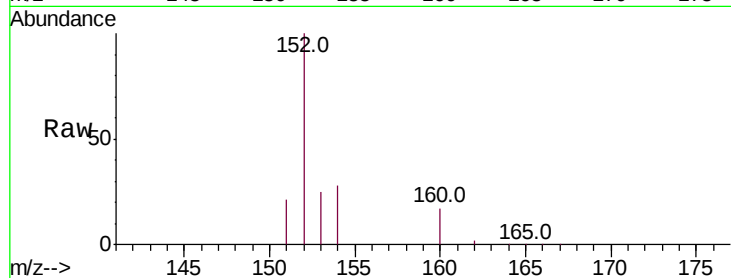
Tot Ion:152 Resp: 141492

Ion Ratio Lower Upper

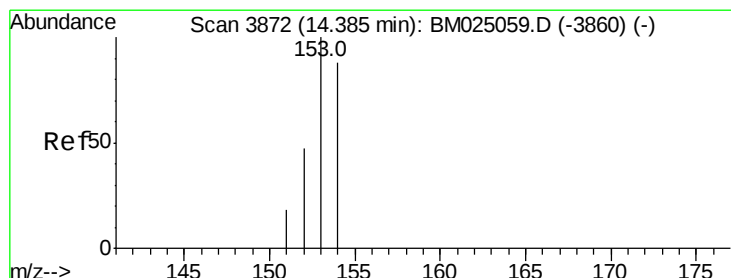
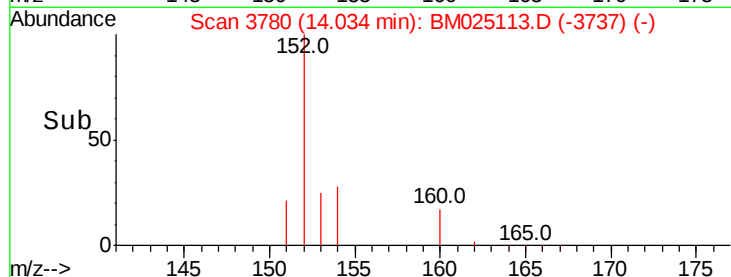
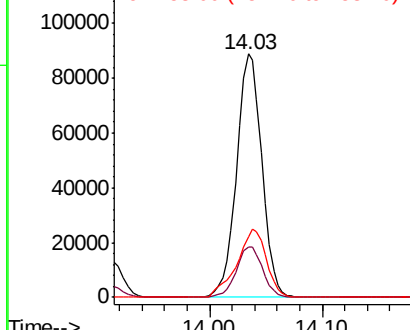
152 100

151 20.8 17.8 26.8

153 25.0 13.3 19.9#



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: 97.681 ng/ul

RT: 14.39 min Scan# 3875

Delta R.T. 0.00 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

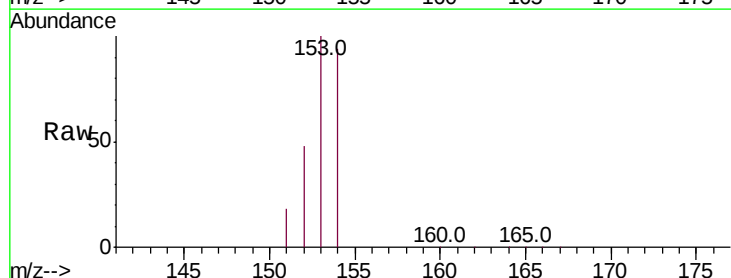
Tgt Ion:153 Resp: 9311191

Ion Ratio Lower Upper

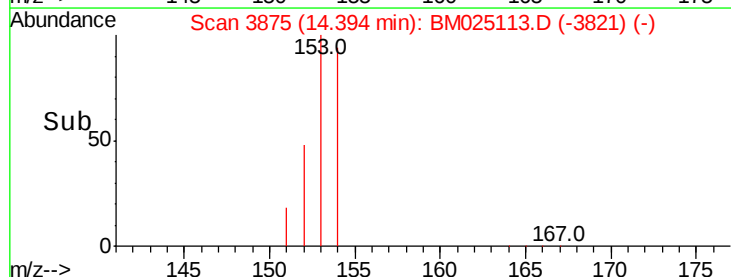
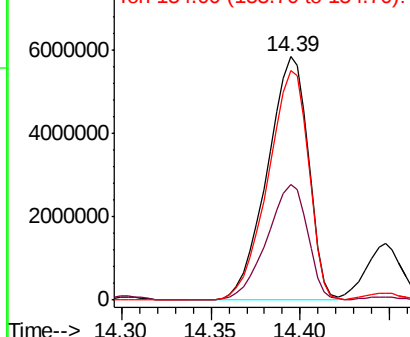
153 100

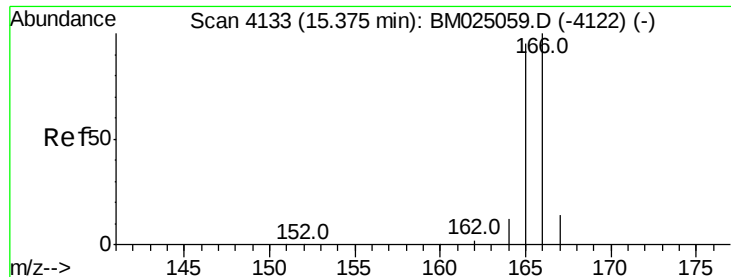
152 47.5 40.0 60.0

154 94.1 71.0 106.6



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: 49.353 ng/ul

RT: 15.38 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

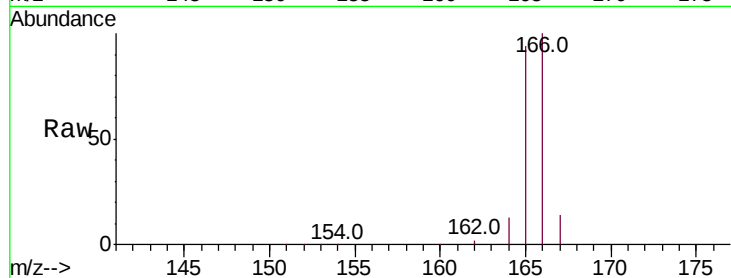
Tot Ion:166 Resp: 5903301

Ion Ratio Lower Upper

166 100

165 94.3 80.0 120.0

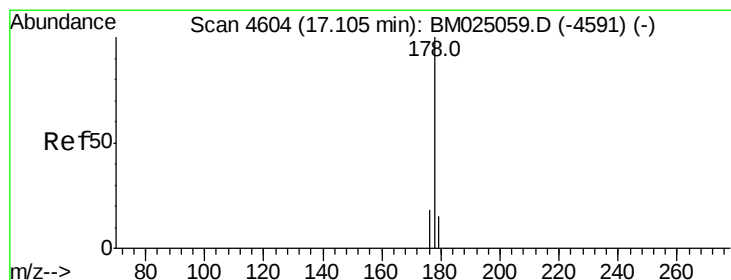
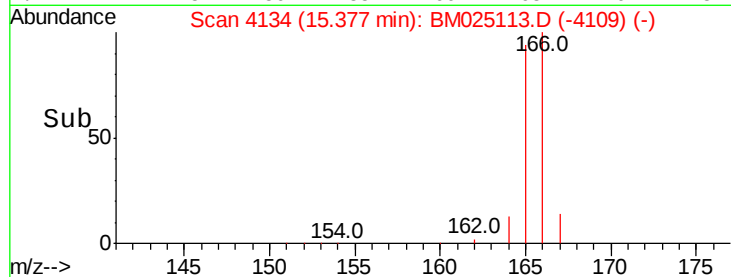
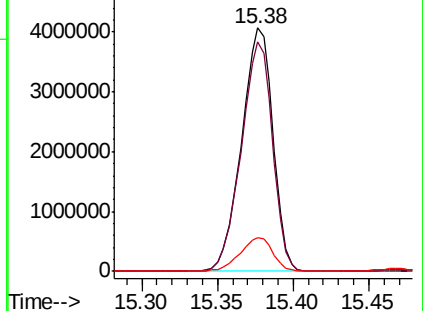
167 14.0 13.7 20.5



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



#12

Phenanthrene

Concen: 144.055 ng/ul

RT: 17.11 min Scan# 4606

Delta R.T. 0.00 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

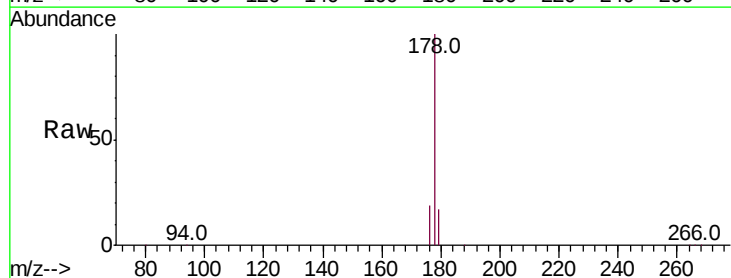
Tgt Ion:178 Resp: 9738098

Ion Ratio Lower Upper

178 100

179 16.6 14.0 21.0

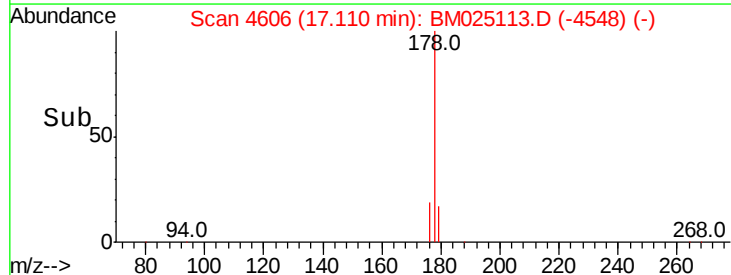
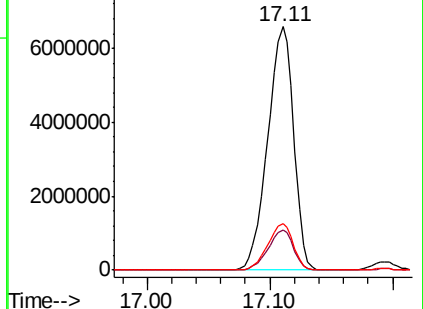
176 19.1 16.6 24.8

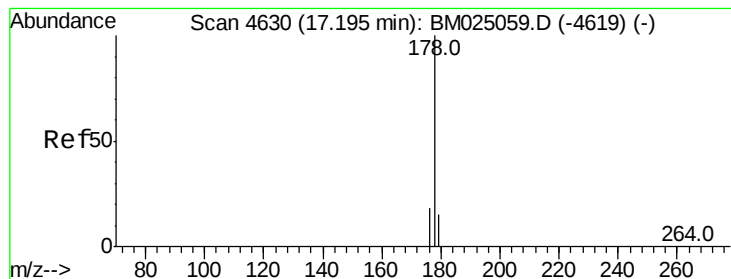


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 4.484 ng/ul

RT: 17.19 min Scan# 4630

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

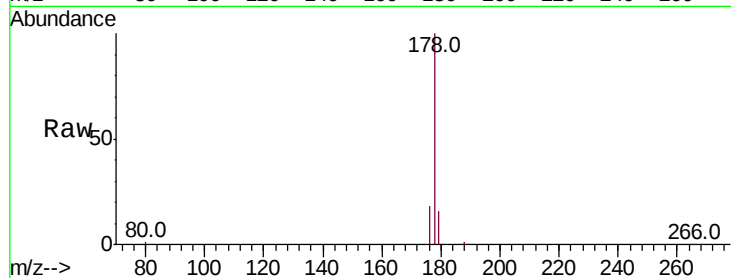
Tot Ion:178 Resp: 293769

Ion Ratio Lower Upper

178 100

179 16.2 14.1 21.1

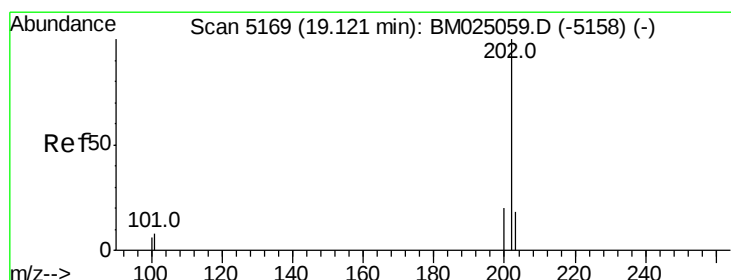
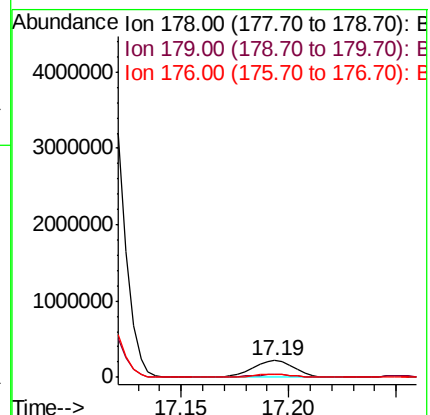
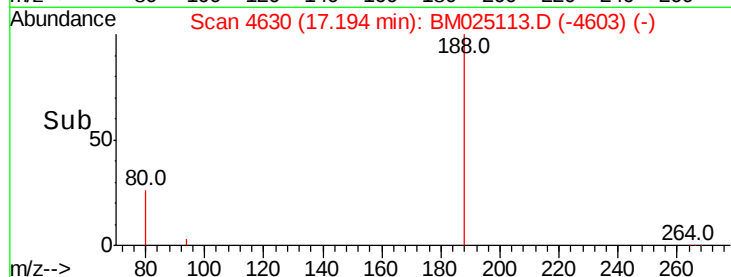
176 17.8 16.2 24.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 7.842 ng/ul

RT: 19.12 min Scan# 5169

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

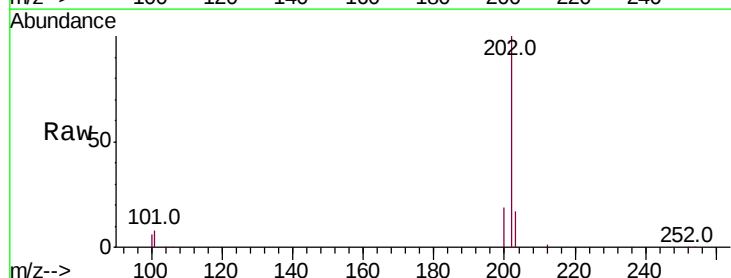
Tgt Ion:202 Resp: 770078

Ion Ratio Lower Upper

202 100

101 7.9 0.0 29.4

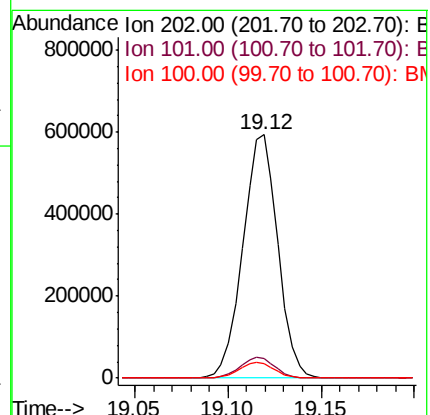
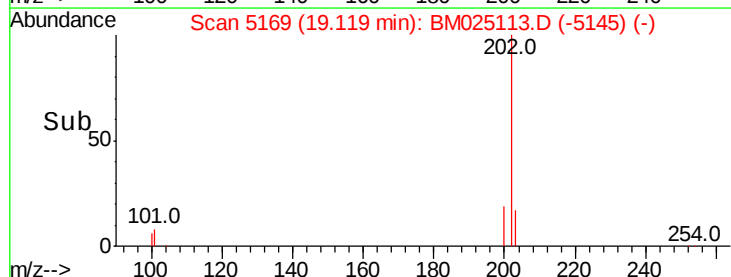
100 5.9 0.0 28.0

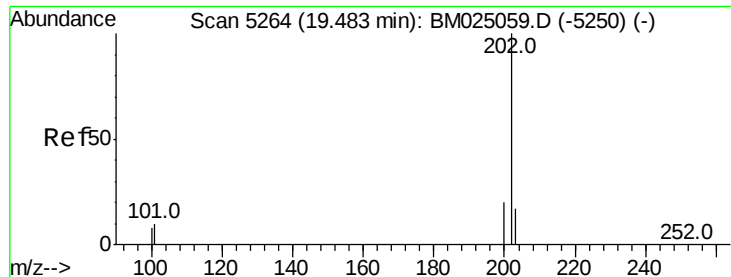


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

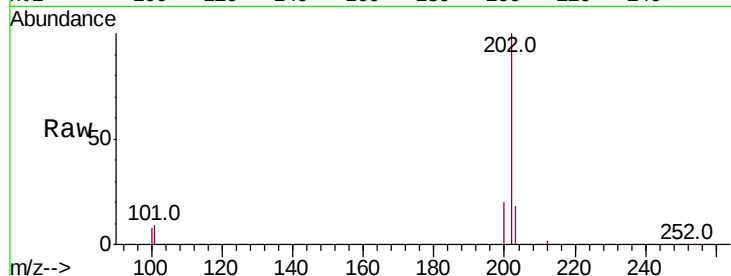




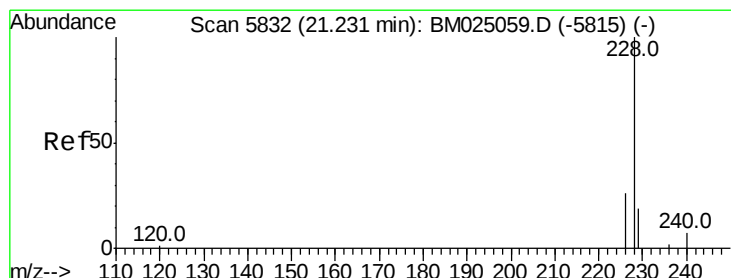
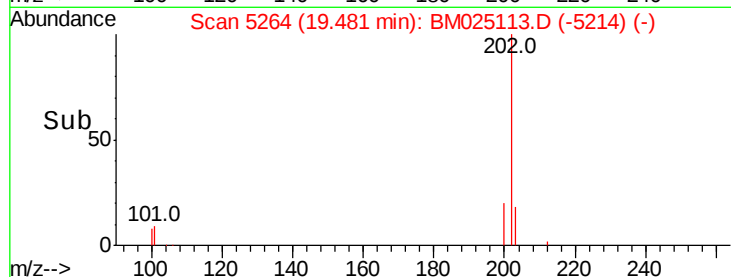
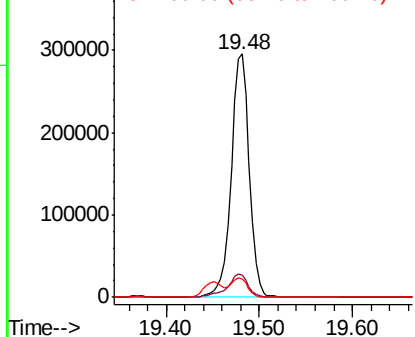
#17
Pvrene
Concen: 4.456 ng/ul
RT: 19.48 min Scan# 5264
Delta R.T. -0.01 min
Lab File: BM025113.D
Acq: 27 Feb 2020 21:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.7	13.1
100	7.7	7.3	10.9

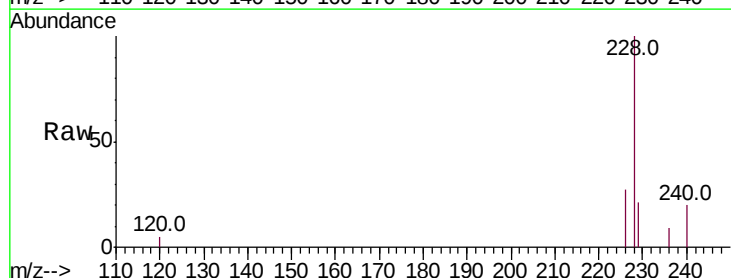


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

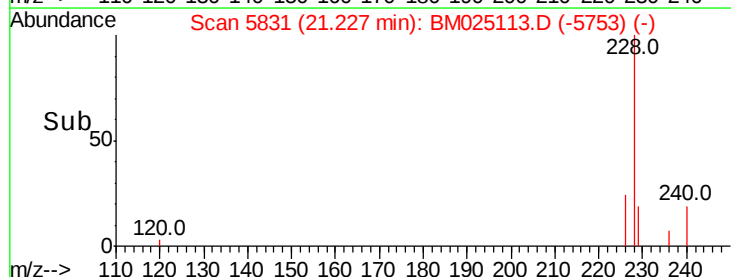
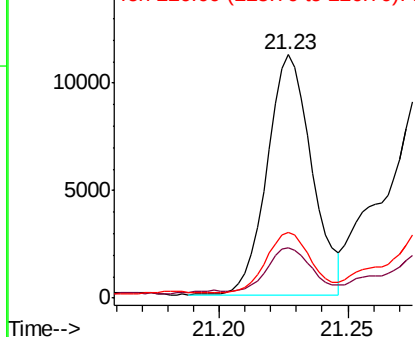


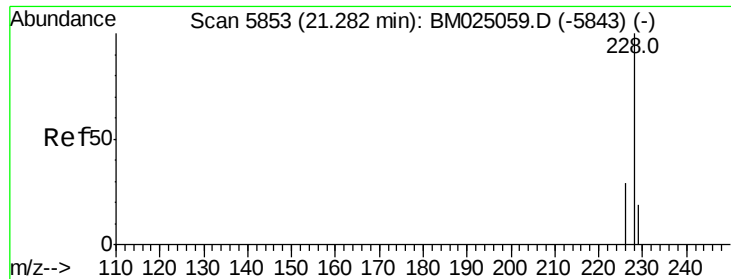
#18
Benzo(a)anthracene
Concen: 0.158 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. -0.01 min
Lab File: BM025113.D
Acq: 27 Feb 2020 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	26.9	21.9	32.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.185 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

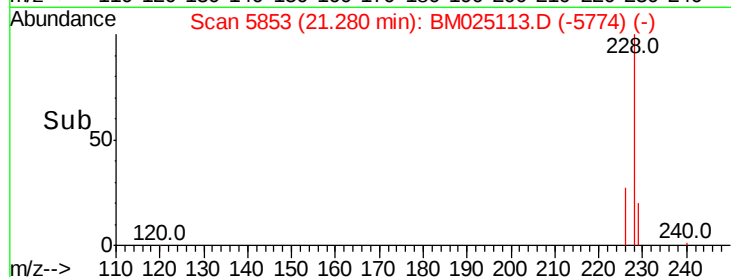
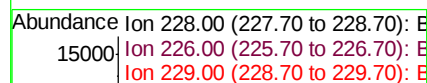
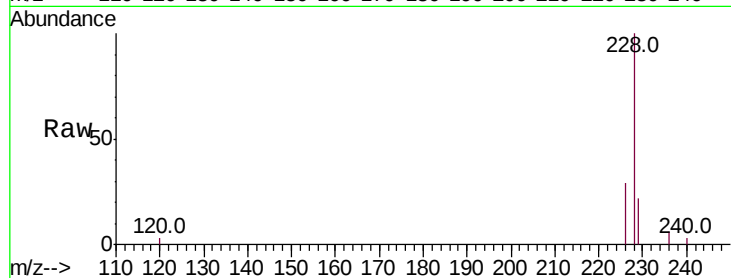
Tot Ion:228 Resp: 15760

Ion Ratio Lower Upper

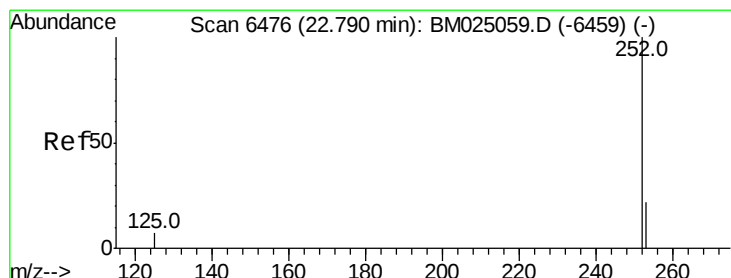
228 100

226 29.2 23.8 35.8

229 21.7 16.9 25.3



Time-->



#21

Benzo(b)fluoranthene

Concen: 0.048 ng/ul

RT: 22.79 min Scan# 6476

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

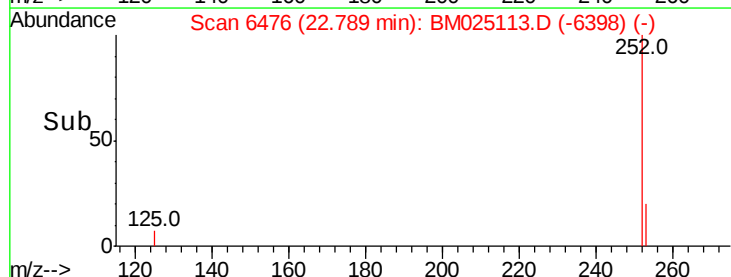
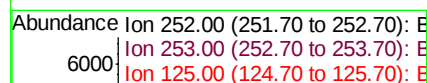
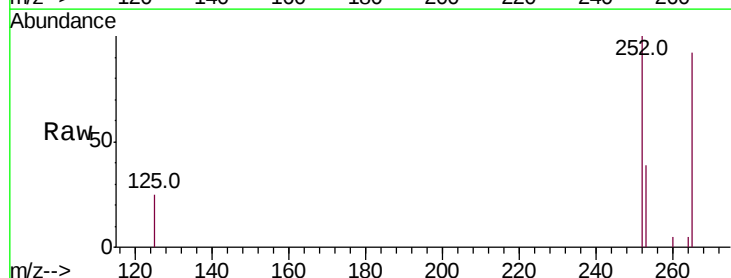
Tgt Ion:252 Resp: 4111

Ion Ratio Lower Upper

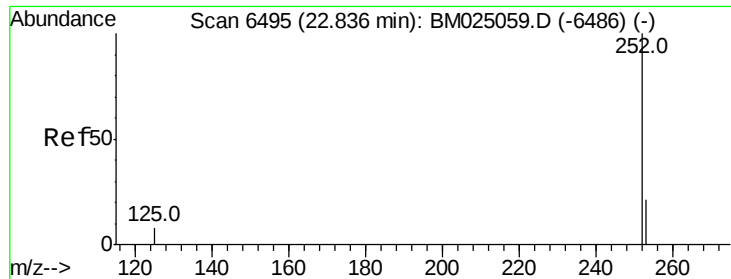
252 100

253 38.6 0.0 49.8

125 25.1 0.0 28.6



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.048 ng/ul

RT: 22.79 min Scan# 6476

Delta R.T. -0.06 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

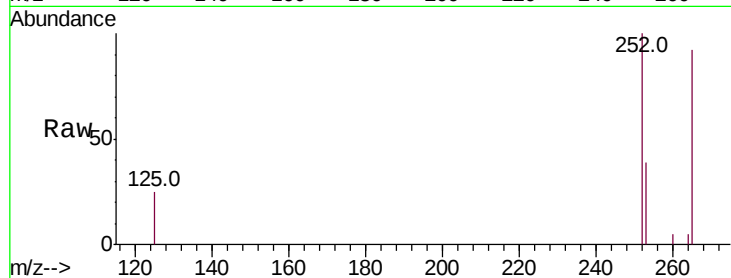
Tot Ion:252 Resp: 4111

Ion Ratio Lower Upper

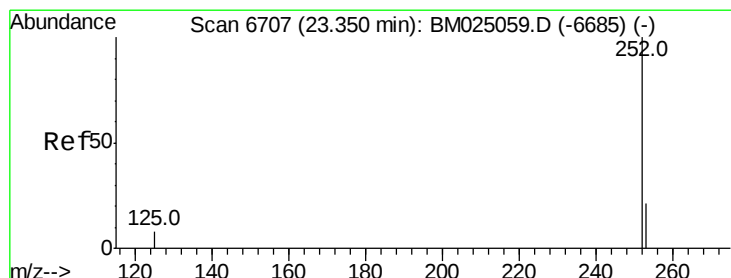
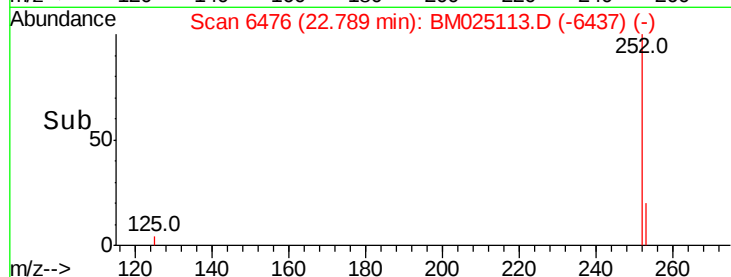
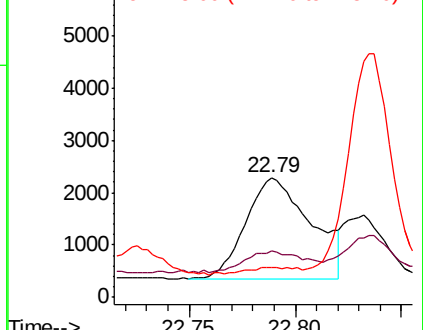
252 100

253 38.6 19.4 29.0#

125 25.1 10.7 16.1#



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



#23

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 23.31 min Scan# 6690

Delta R.T. -0.05 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

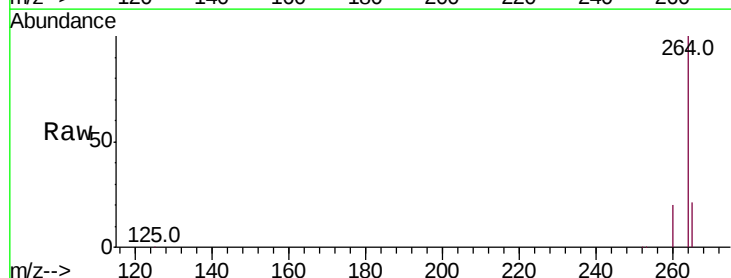
Tgt Ion:252 Resp: 7098

Ion Ratio Lower Upper

252 100

253 36.0 20.3 30.5#

125 24.9 13.0 19.4#



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

