

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027920.D
 Acq On : 23 Nov 2020 19:13
 Operator : JU/CG
 Sample : L4711-19DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B03DL

Quant Time: Nov 24 00:45:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 00:42:23 2020
 Response via : Initial Calibration

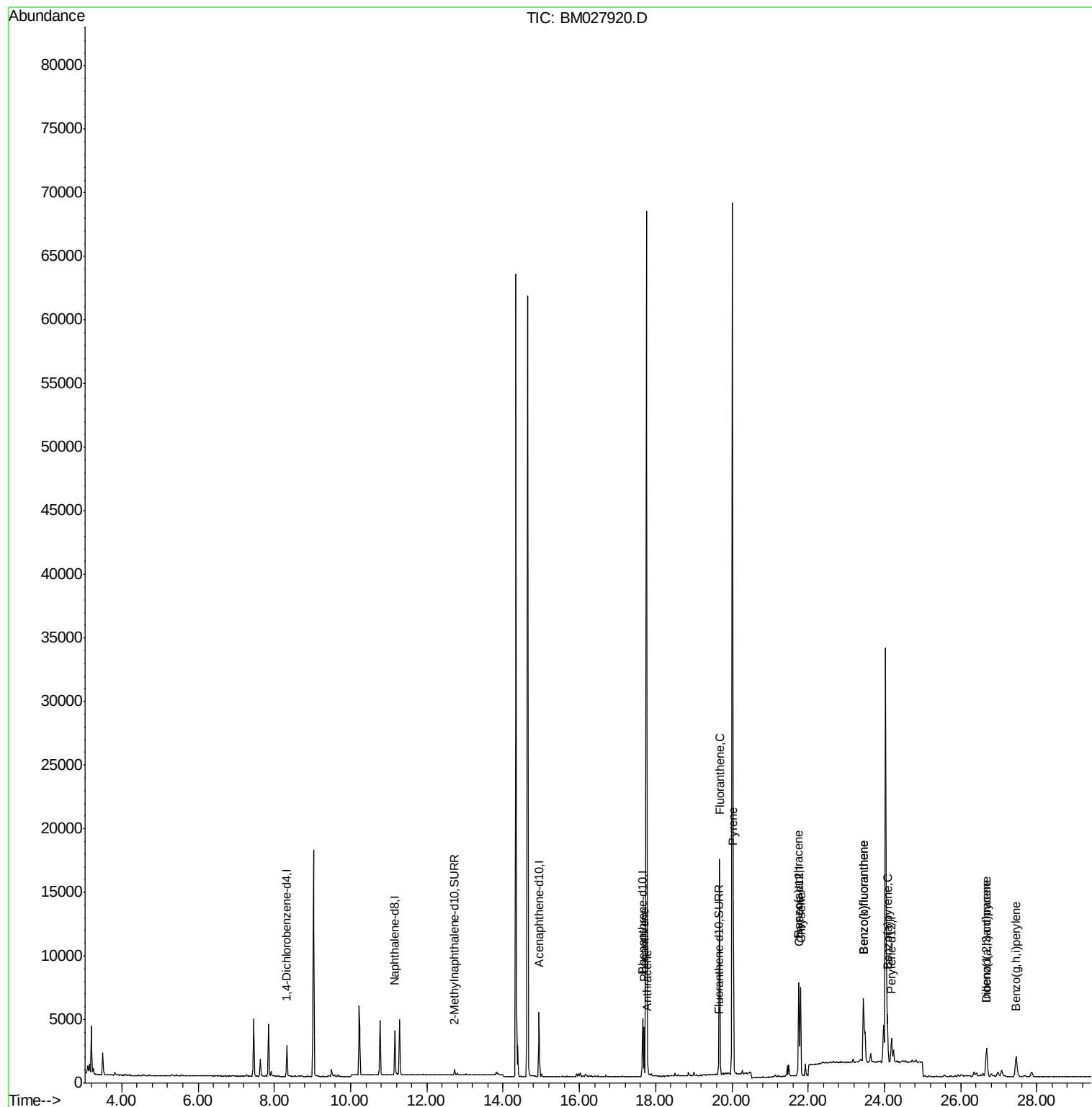
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1174	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4620	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2754	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5161	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2955	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2547	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	493	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	784	0.06	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.70	178	4071	0.250	ng/ul	98
13) Anthracene	17.79	178	776	0.049	ng/ul#	84
15) Fluoranthene	19.68	202	14427	0.798	ng/ul	99
17) Pyrene	20.03	202	12015	0.801	ng/ul	96
18) Benzo(a)anthracene	21.75	228	5937	0.498	ng/ul	98
19) Chrysene	21.80	228	7102	0.612	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	11582	1.082	ng/ul	93
22) Benzo(k)fluoranthene	23.45	252	11578	1.105	ng/ul#	94
23) Benzo(a)pyrene	24.08	252	5331	0.570	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.68	276	3832	0.378	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.68	278	987	0.117	ng/ul#	57
26) Benzo(g,h,i)perylene	27.46	276	3767	0.443	ng/ul	97

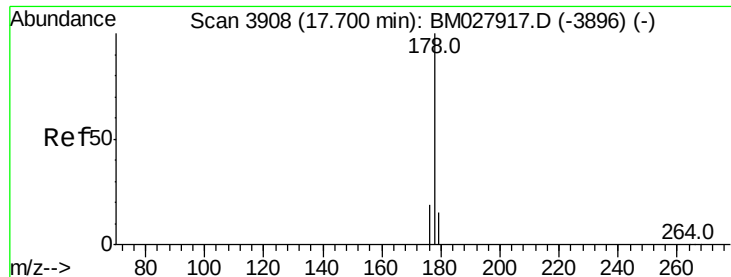
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.250 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

Instrument :

BNA_M

ClientSampleId :

C0B03DL

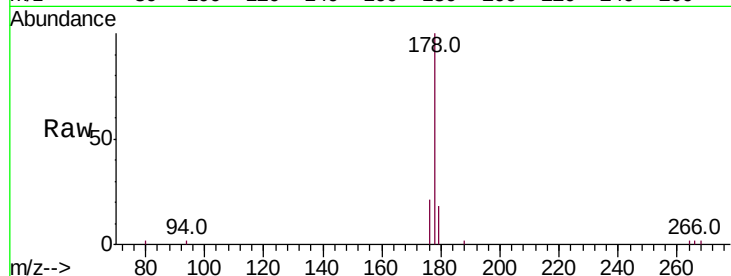
Tot Ion:178 Resp: 4071

Ion Ratio Lower Upper

178 100

179 17.9 13.6 20.4

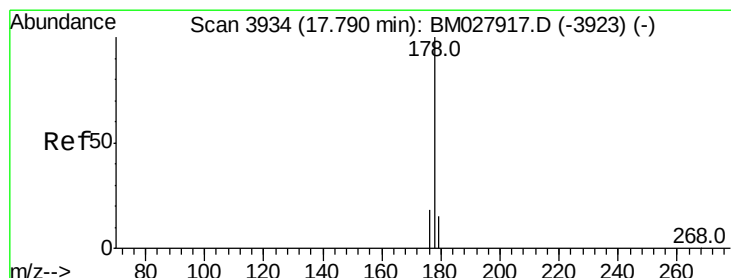
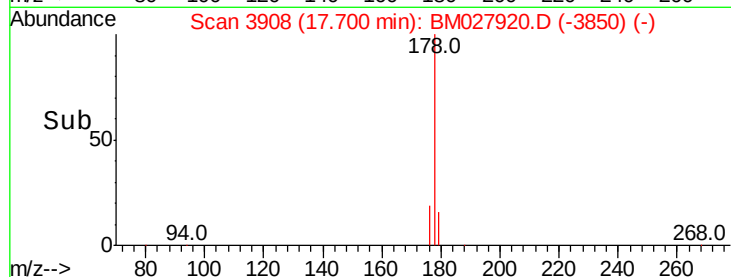
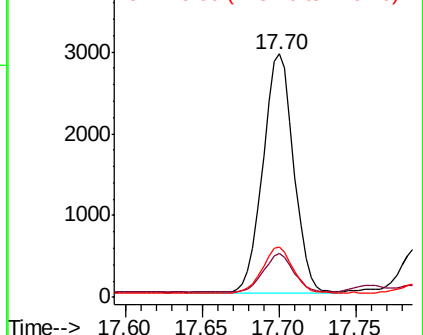
176 20.7 16.1 24.1



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: 0.049 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

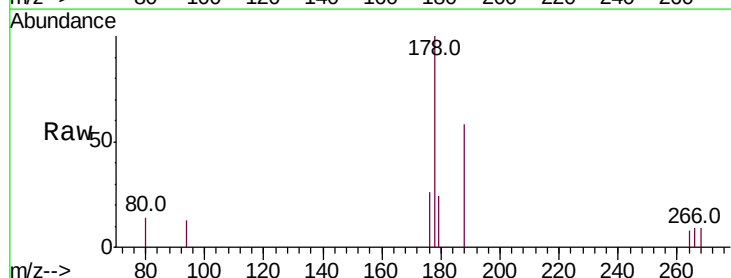
Tgt Ion:178 Resp: 776

Ion Ratio Lower Upper

178 100

179 23.6 13.4 20.2#

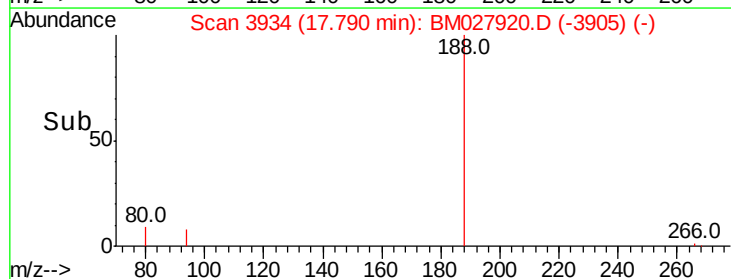
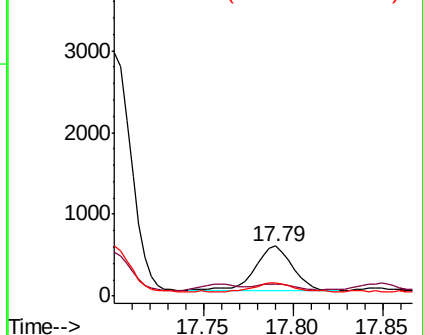
176 26.4 15.0 22.6#

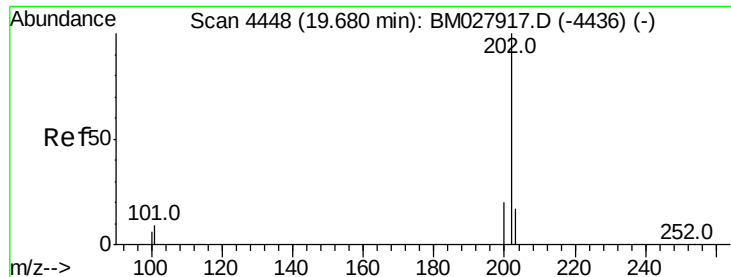


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.798 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. 0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

Instrument :

BNA_M

ClientSampleId :

C0B03DL

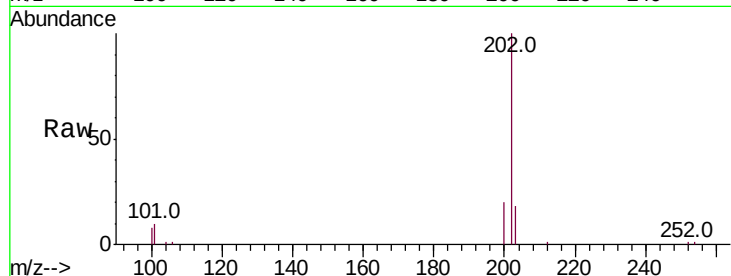
Tot Ion:202 Resp: 14427

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.3

100 7.7 0.0 27.4



Abundance Ion 202.00 (201.70 to 202.70): E

15000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.68

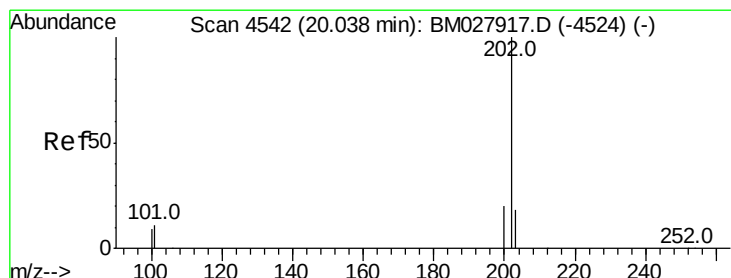
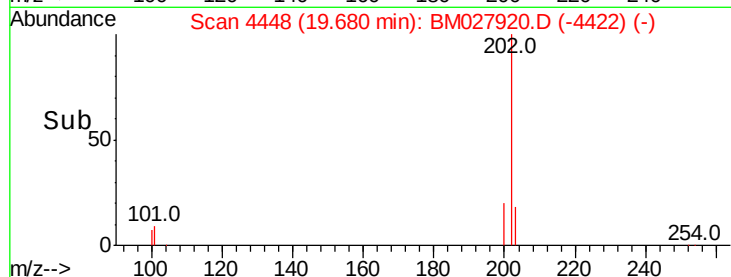
10000

5000

0

Time-->

19.65 19.70



#17

Pyrene

Concen: 0.801 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

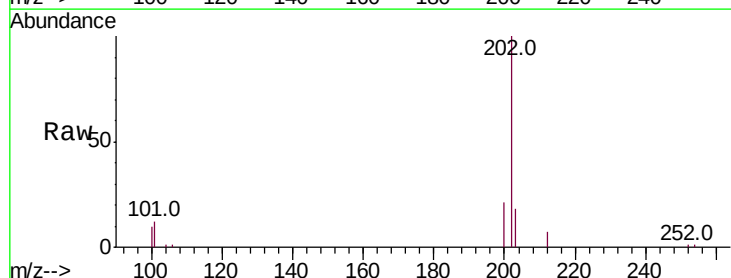
Tgt Ion:202 Resp: 12015

Ion Ratio Lower Upper

202 100

101 11.8 8.2 12.2

100 10.2 6.9 10.3



Abundance Ion 202.00 (201.70 to 202.70): E

12000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

20.03

10000

8000

6000

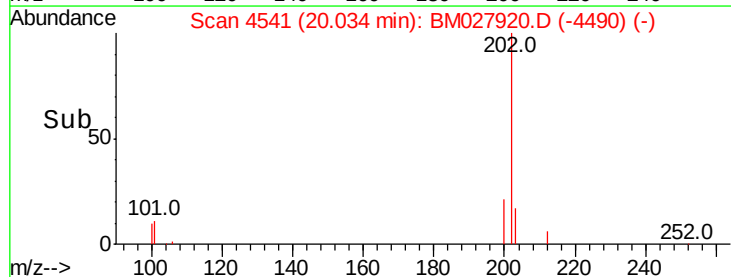
4000

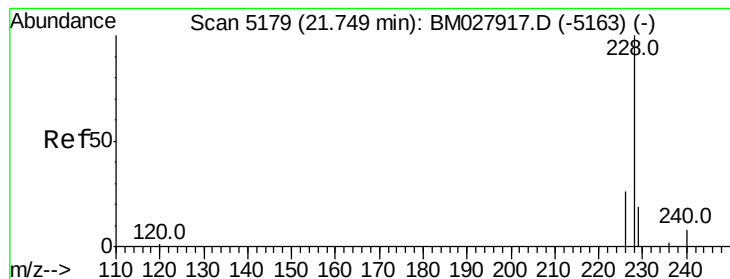
2000

0

Time-->

20.00 20.10





#18

Benzo(a)anthracene

Concen: 0.498 ng/ul

RT: 21.75 min Scan# 5179

Delta R.T. 0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

Instrument :

BNA_M

ClientSampleId :

C0B03DL

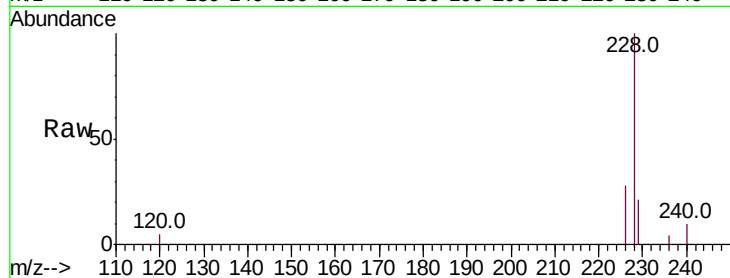
Tot Ion:228 Resp: 5937

Ion Ratio Lower Upper

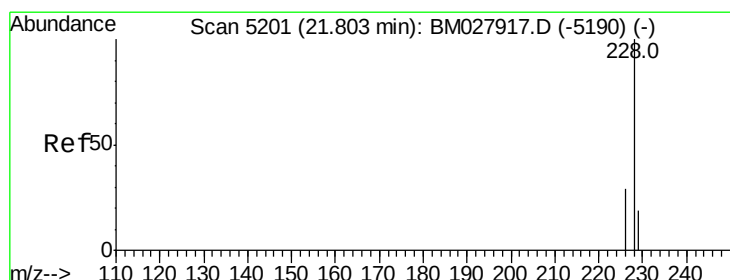
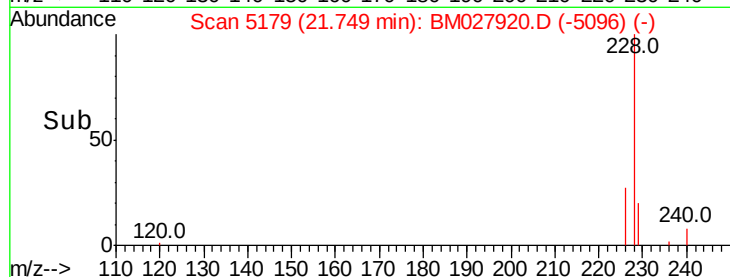
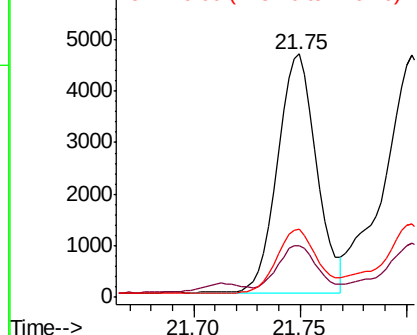
228 100

229 21.4 16.2 24.4

226 27.9 21.5 32.3



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: 0.612 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. 0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

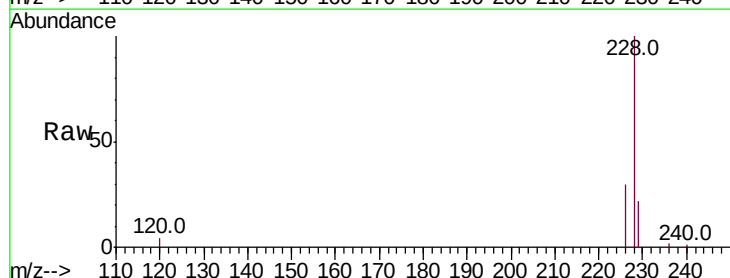
Tgt Ion:228 Resp: 7102

Ion Ratio Lower Upper

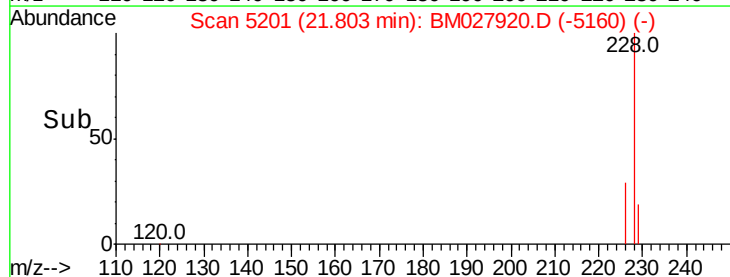
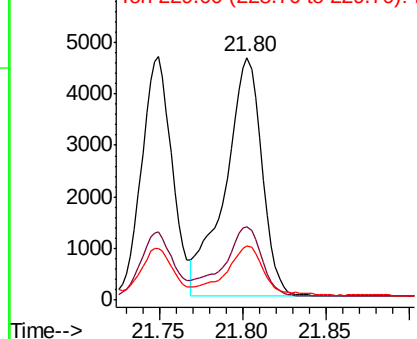
228 100

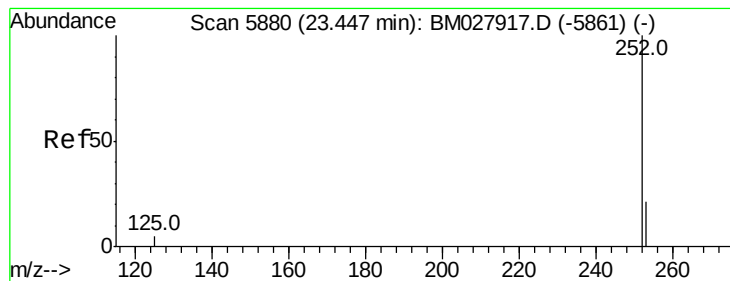
226 30.2 24.1 36.1

229 22.2 16.6 24.8



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

Benzo(b)fluoranthene

Concen: 1.082 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. 0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

Instrument :

BNA_M

ClientSampleId :

C0B03DL

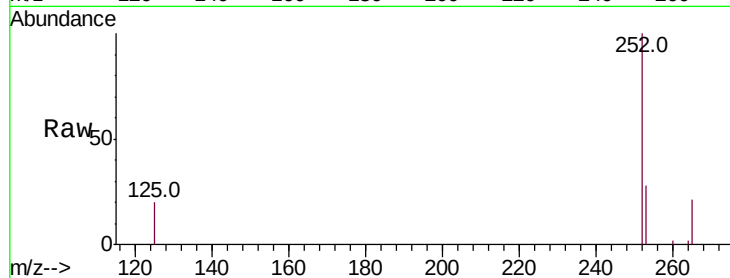
Tot Ion:252 Resp: 11582

Ion Ratio Lower Upper

252 100

253 27.5 0.0 59.6

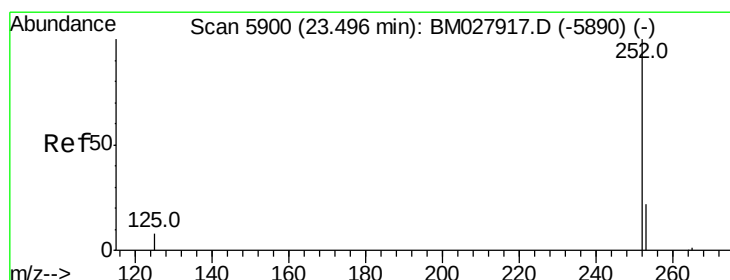
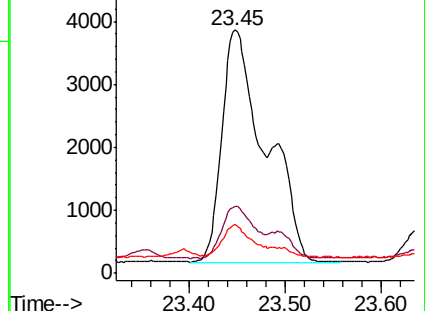
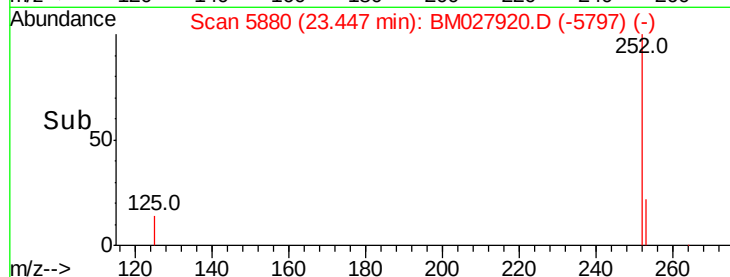
125 19.9 0.0 28.4



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



#22

Benzo(k)fluoranthene

Concen: 1.105 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.05 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

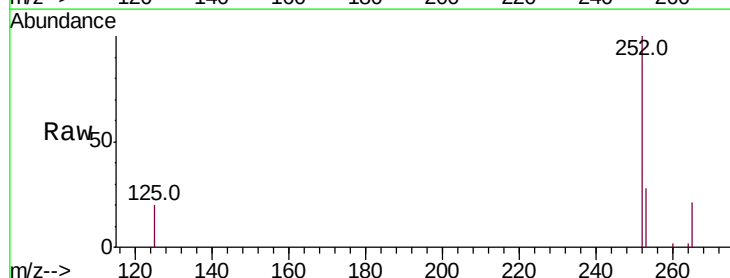
Tgt Ion:252 Resp: 11578

Ion Ratio Lower Upper

252 100

253 27.5 23.2 34.8

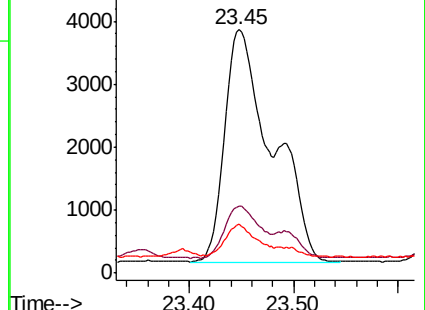
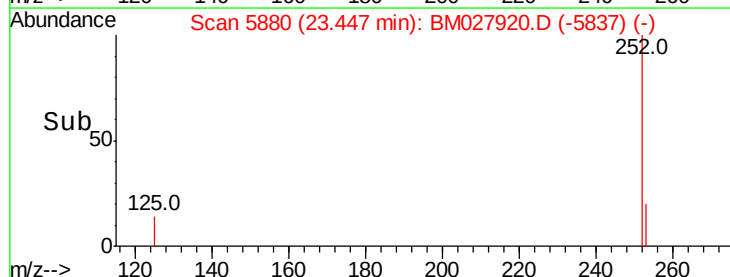
125 19.9 11.8 17.6#

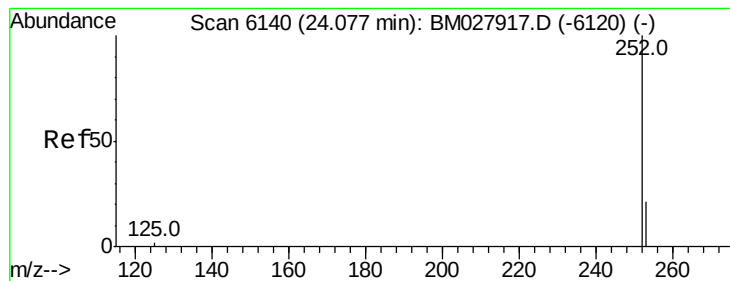


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.570 ng/ul

RT: 24.08 min Scan# 6140

Delta R.T. 0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

Instrument :

BNA_M

ClientSampleId :

C0B03DL

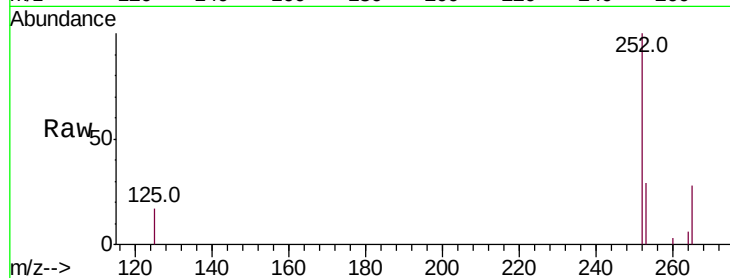
Tot Ion:252 Resp: 5331

Ion Ratio Lower Upper

252 100

253 28.9 25.2 37.8

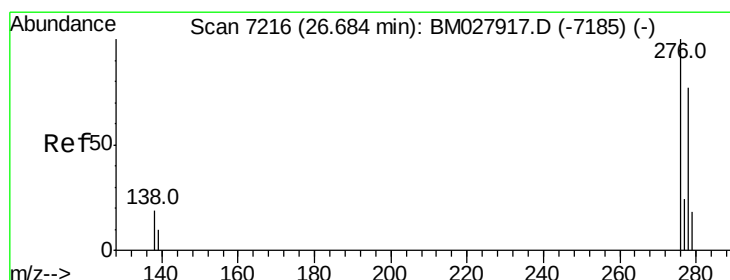
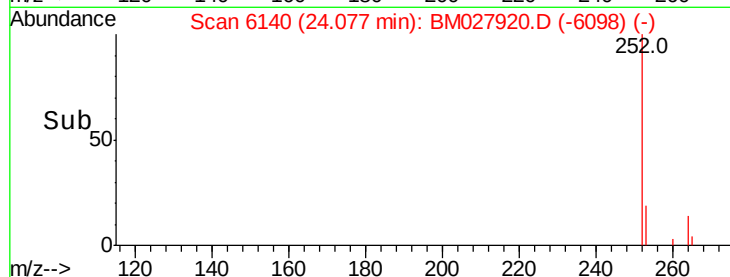
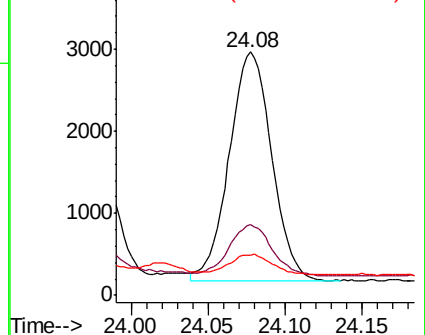
125 16.5 13.8 20.6



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng/ul

RT: 26.68 min Scan# 7214

Delta R.T. -0.00 min

Lab File: BM027920.D

Acq: 23 Nov 2020 19:13

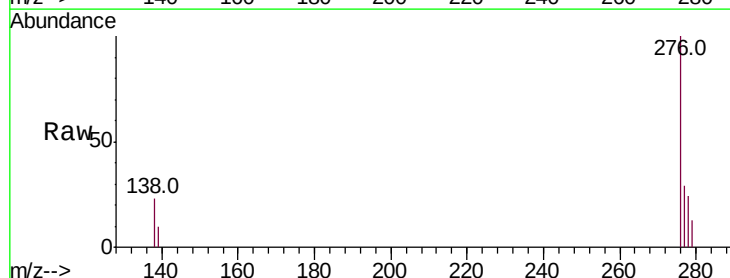
Tgt Ion:276 Resp: 3832

Ion Ratio Lower Upper

276 100

138 19.0 15.7 23.5

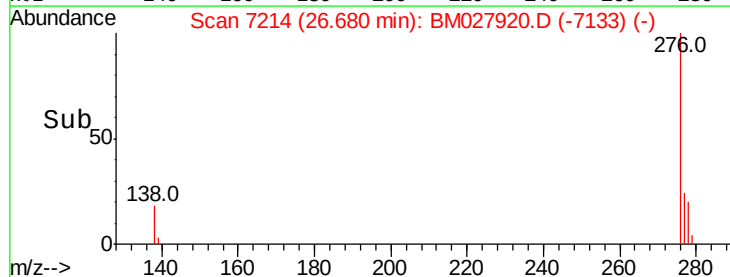
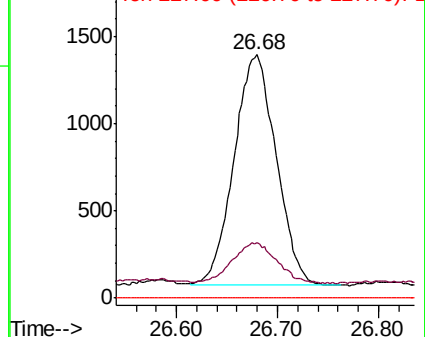
227 0.0 0.0 0.0

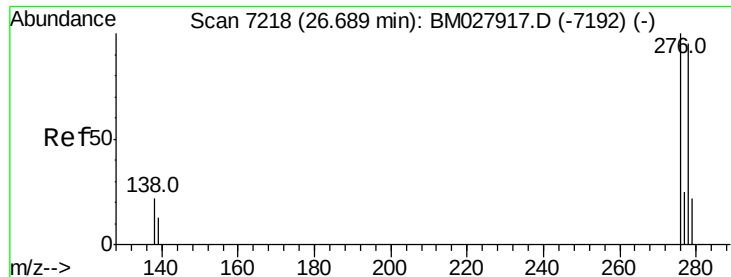


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



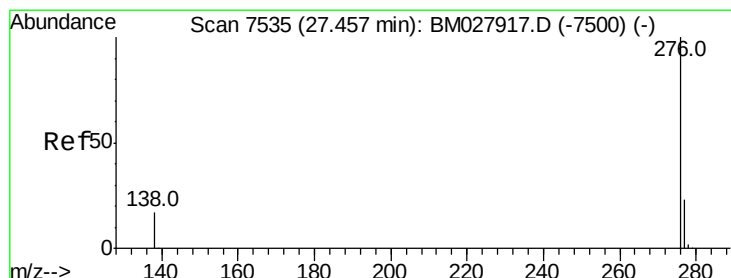
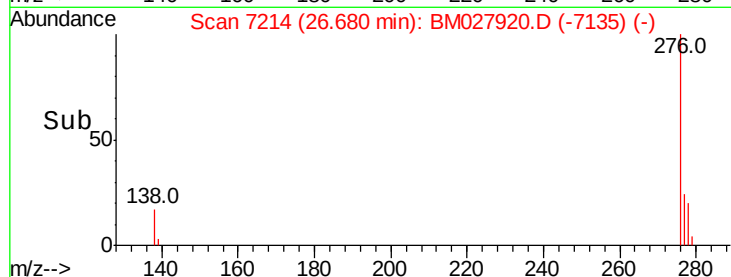
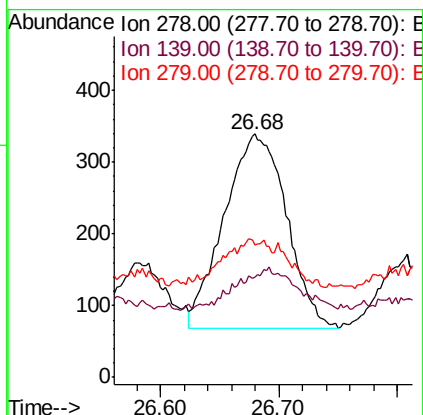
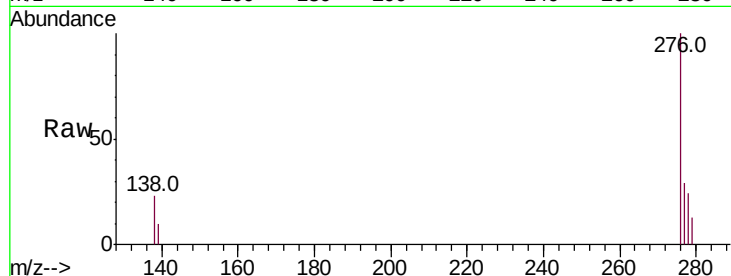


#25
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.01 min
Lab File: BM027920.D
Acq: 23 Nov 2020 19:13

Instrument :
BNA_M
ClientSampleId :
C0B03DL

Tot Ion:278 Resp: 987

Ion	Ratio	Lower	Upper
278	100		
139	41.0	14.8	22.2#
279	54.3	25.8	38.6#



#26
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. 0.00 min
Lab File: BM027920.D
Acq: 23 Nov 2020 19:13

Tgt Ion:276 Resp: 3767

Ion	Ratio	Lower	Upper
276	100		
138	23.9	17.4	26.2
277	27.2	22.5	33.7

