

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027923.D
 Acq On : 23 Nov 2020 21:02
 Operator : JU/CG
 Sample : L4711-17DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW9DL

Quant Time: Nov 24 00:45:54 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

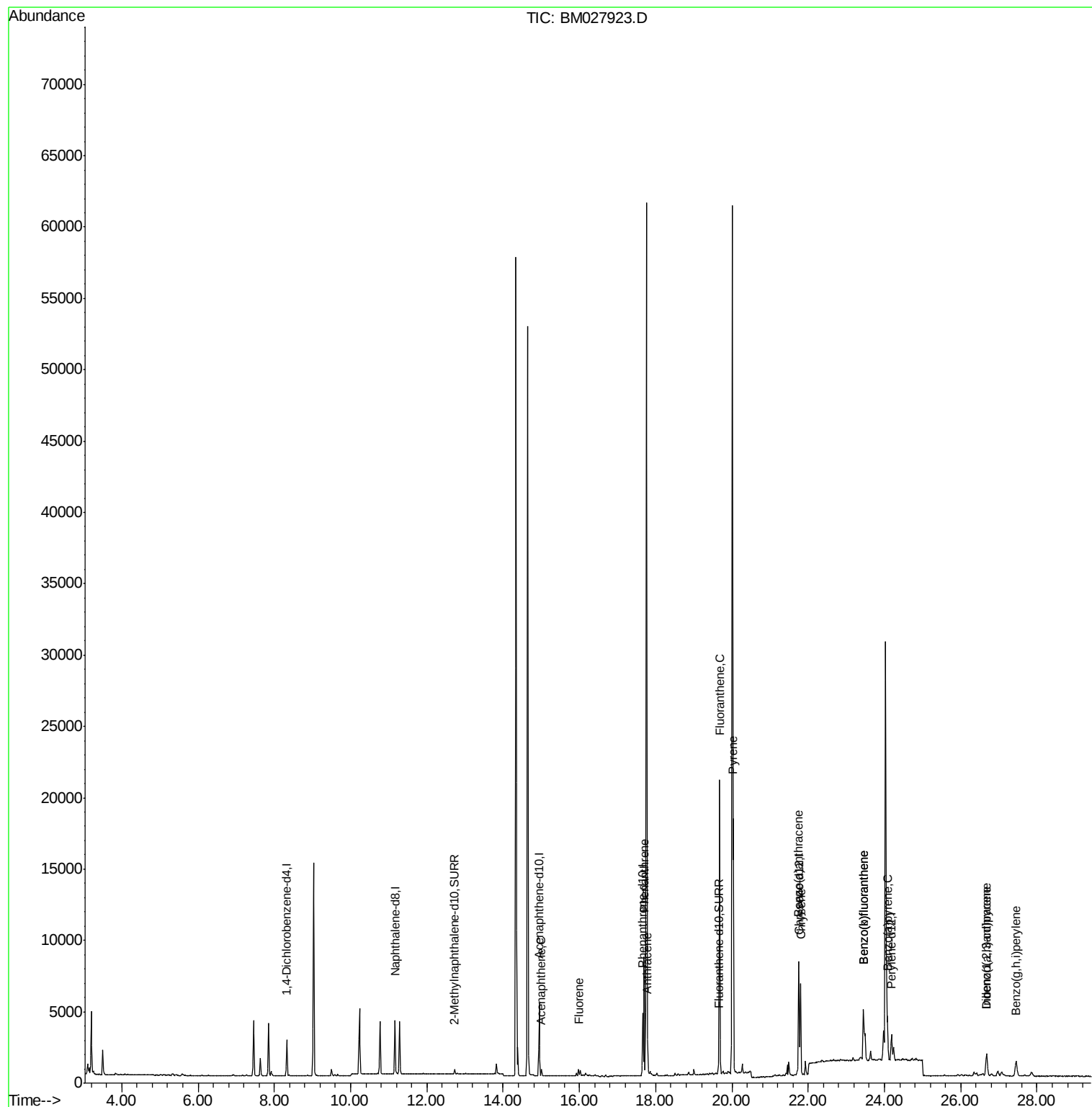
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1237	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4913	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2810	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5085	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2941	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2500	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	425	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	700	0.05	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.00	153	250	0.024	ng/ul#	93
9) Fluorene	15.98	166	292	0.024	ng/ul#	88
12) Phenanthrene	17.70	178	8496	0.529	ng/ul	98
13) Anthracene	17.79	178	2217	0.143	ng/ul	94
15) Fluoranthene	19.68	202	17389	0.976	ng/ul	98
17) Pyrene	20.03	202	14469	0.969	ng/ul	97
18) Benzo(a)anthracene	21.75	228	6303	0.531	ng/ul	98
19) Chrysene	21.80	228	6141	0.531	ng/ul	97
21) Benzo(b)fluoranthene	23.45	252	8657	0.824	ng/ul	96
22) Benzo(k)fluoranthene	23.45	252	8657	0.841	ng/ul	98
23) Benzo(a)pyrene	24.08	252	4482	0.488	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.67	276	2703	0.272	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	722	0.087	ng/ul#	40
26) Benzo(g,h,i)perylene	27.45	276	2528	0.303	ng/ul	95

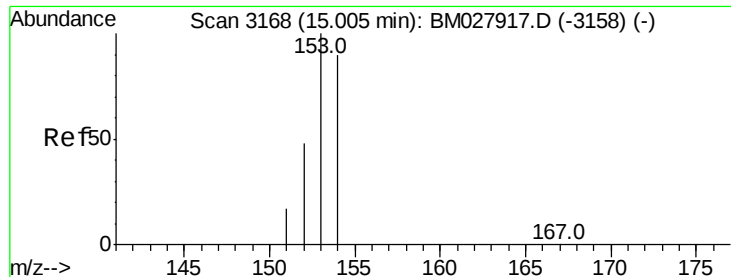
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 00:45:54 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





#8

Acenaphthene

Concen: 0.024 ng/ul

RT: 15.00 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

ClientSampleId :

C0AW9DL

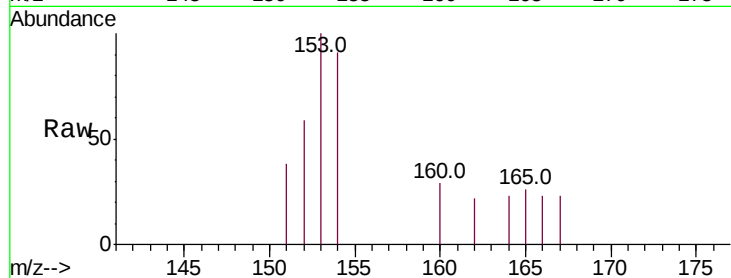
Tot Ion:153 Resp: 250

Ion Ratio Lower Upper

153 100

152 59.2 39.0 58.6#

154 91.3 71.6 107.4

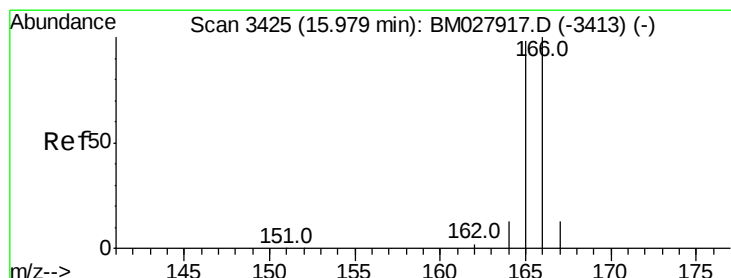
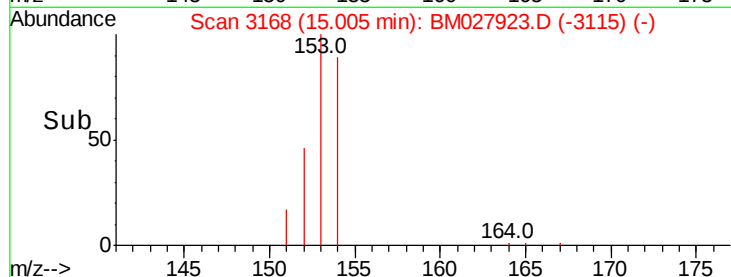
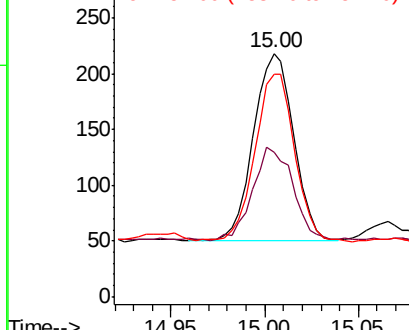


Abundance

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: 0.024 ng/ul

RT: 15.98 min Scan# 3425

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

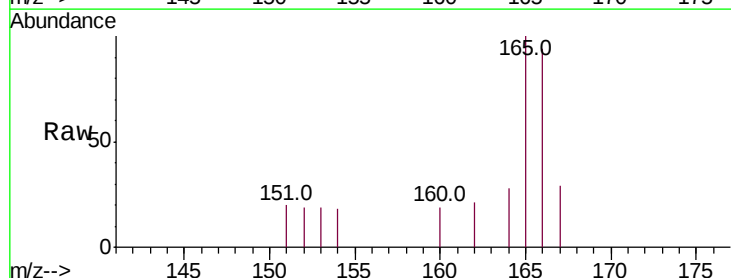
Tgt Ion:166 Resp: 292

Ion Ratio Lower Upper

166 100

165 105.9 78.1 117.1

167 30.5 11.8 17.8#

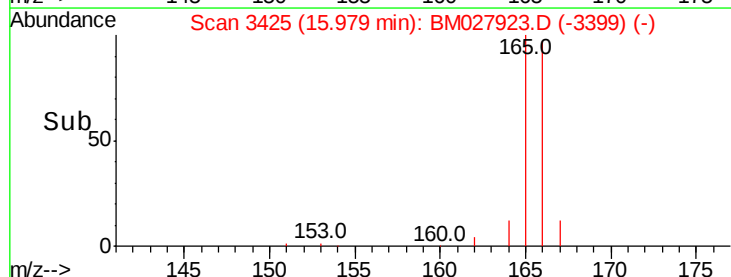
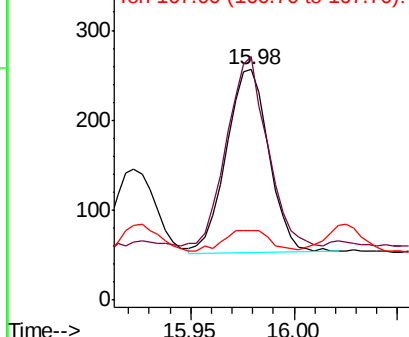


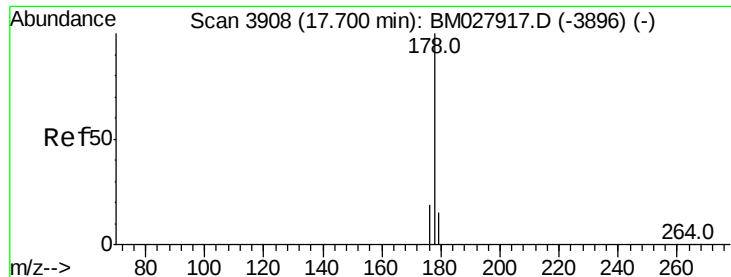
Abundance

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: 0.529 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

ClientSampleId :

C0AW9DL

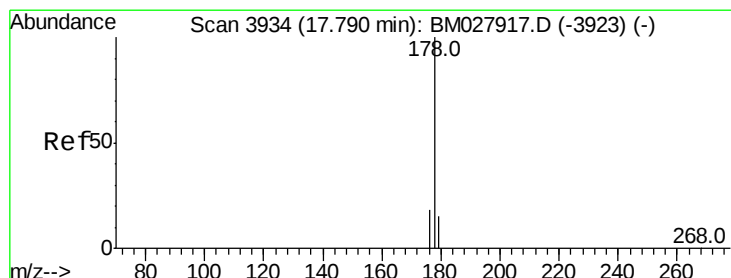
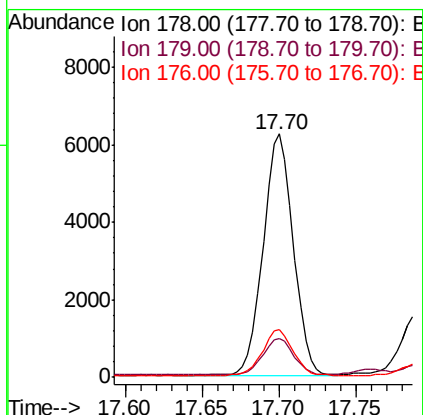
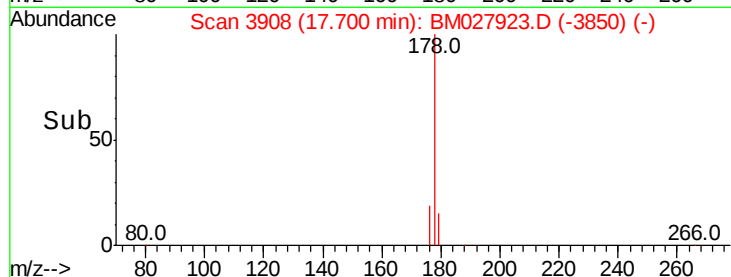
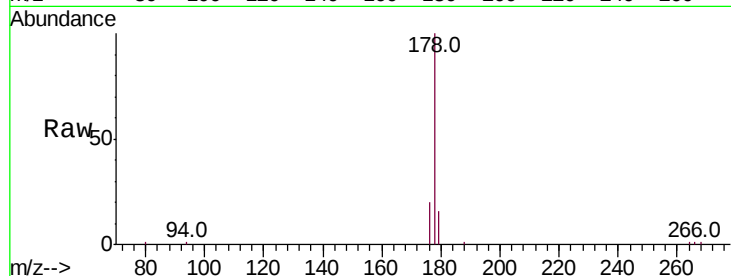
Tot Ion:178 Resp: 8496

Ion Ratio Lower Upper

178 100

179 16.2 13.6 20.4

176 19.5 16.1 24.1



#13

Anthracene

Concen: 0.143 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

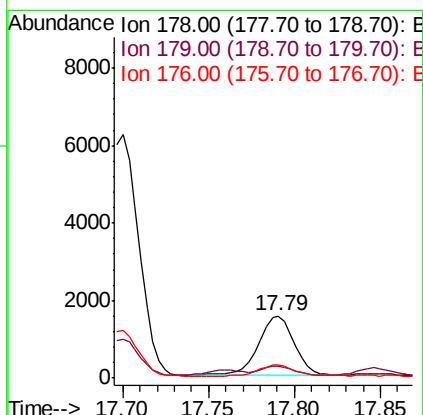
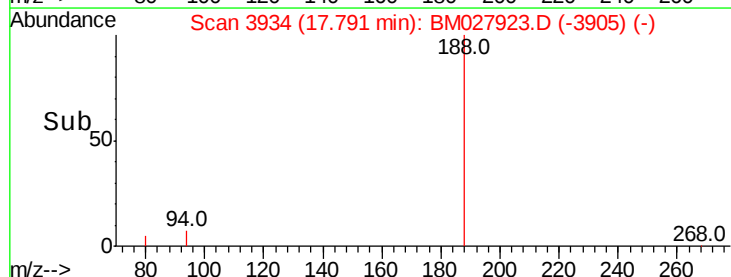
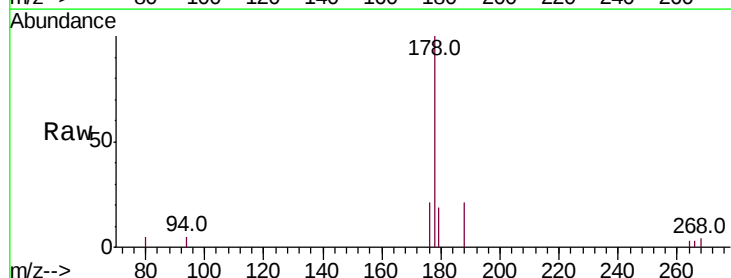
Tgt Ion:178 Resp: 2217

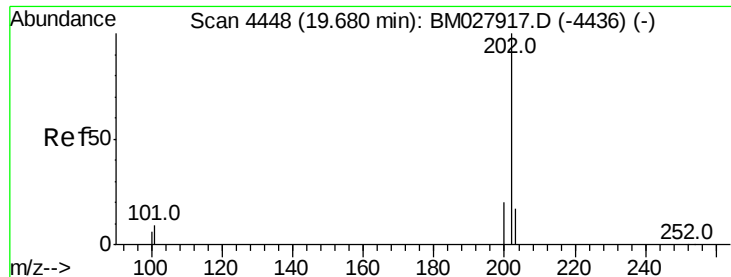
Ion Ratio Lower Upper

178 100

179 19.4 13.4 20.2

176 21.3 15.0 22.6





#15

Fluoranthene

Concen: 0.976 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

ClientSampleId :

C0AW9DL

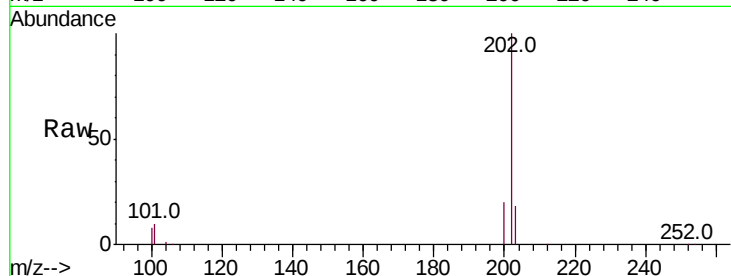
Tot Ion:202 Resp: 17389

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.3

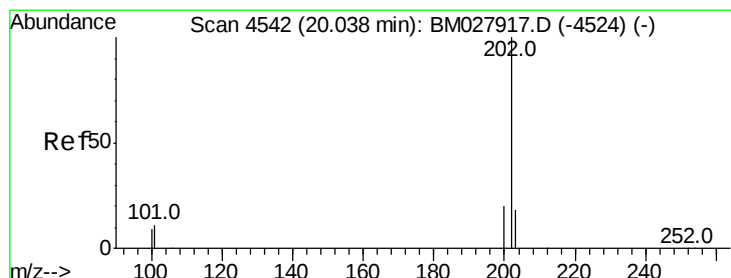
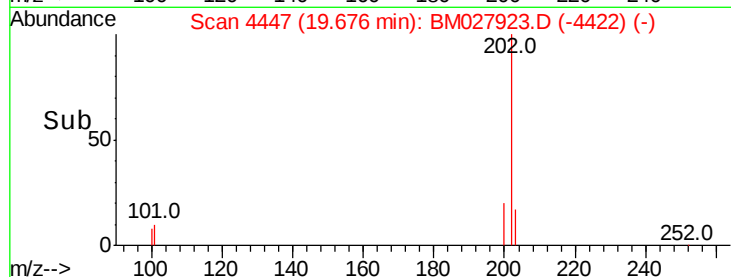
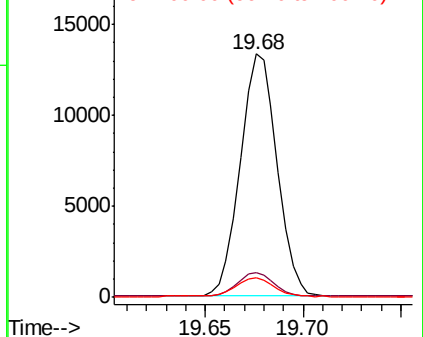
100 8.0 0.0 27.4



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



#17

Pyrene

Concen: 0.969 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

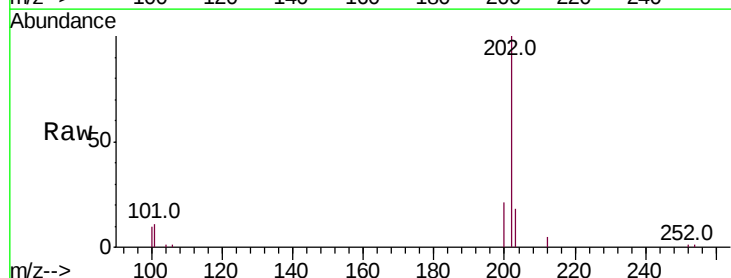
Tgt Ion:202 Resp: 14469

Ion Ratio Lower Upper

202 100

101 11.3 8.2 12.2

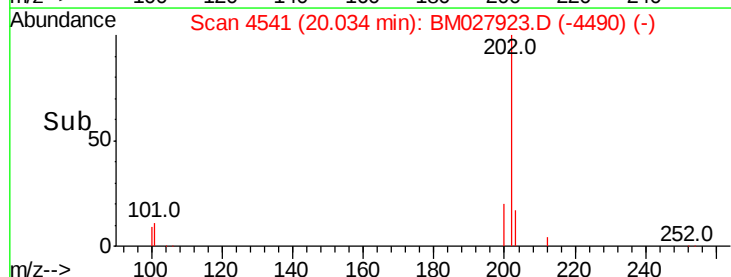
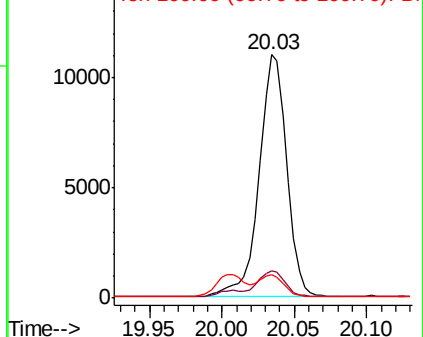
100 9.9 6.9 10.3

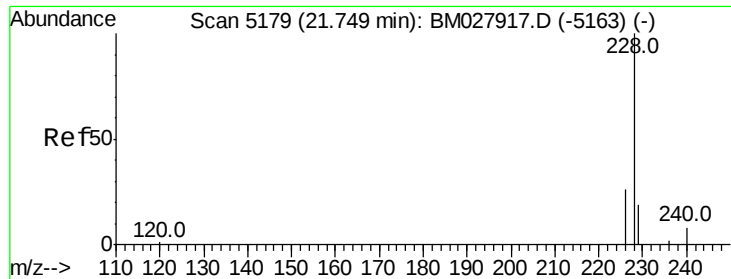


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.531 ng/ul

RT: 21.75 min Scan# 5178

Delta R.T. -0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

ClientSampleId :

C0AW9DL

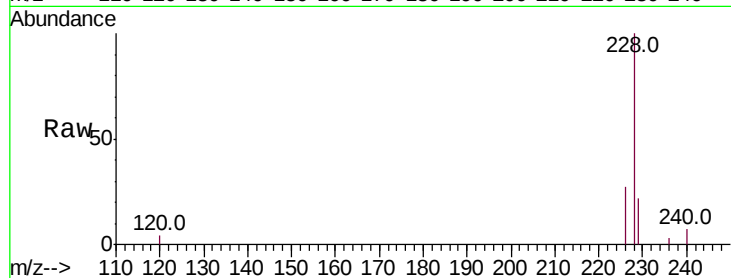
Tot Ion:228 Resp: 6303

Ion Ratio Lower Upper

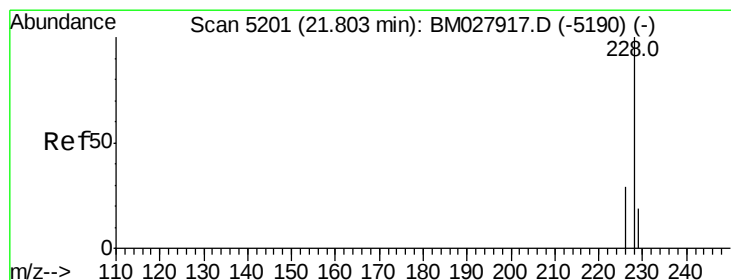
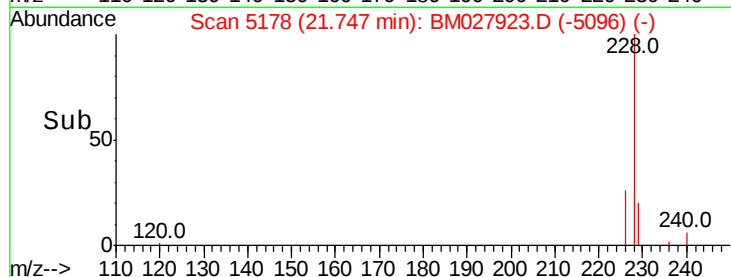
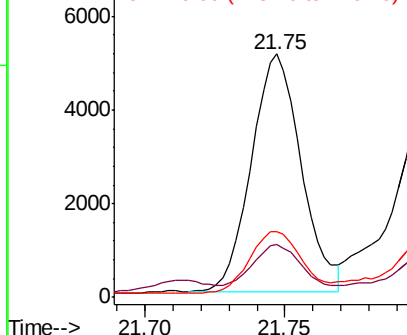
228 100

229 21.8 16.2 24.4

226 27.2 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: 0.531 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

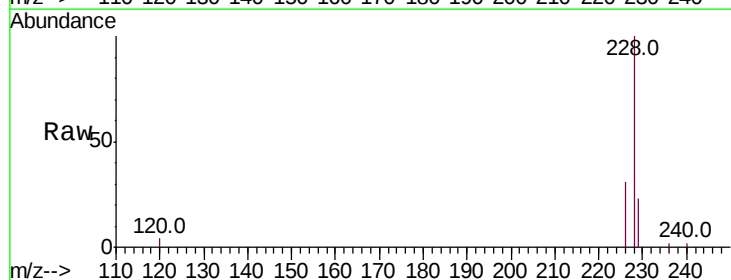
Tgt Ion:228 Resp: 6141

Ion Ratio Lower Upper

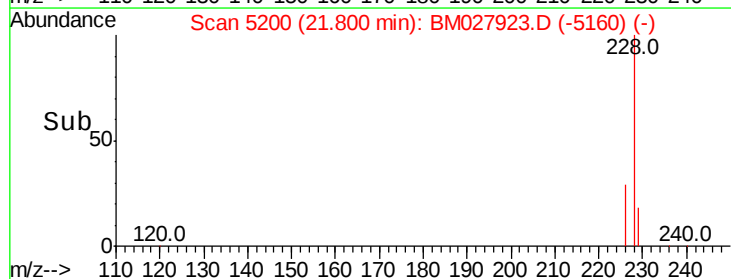
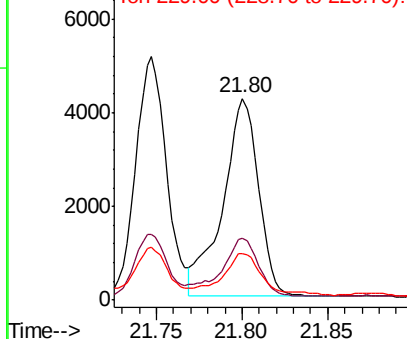
228 100

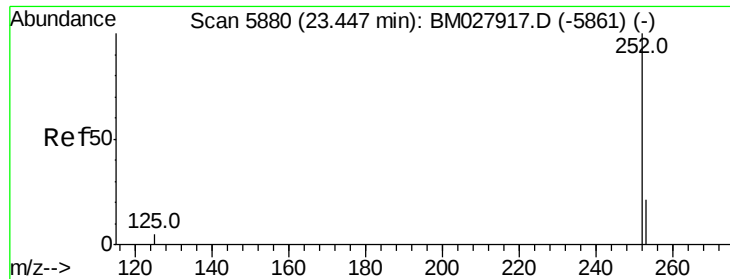
226 30.8 24.1 36.1

229 23.3 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: 0.824 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

ClientSampleId :

C0AW9DL

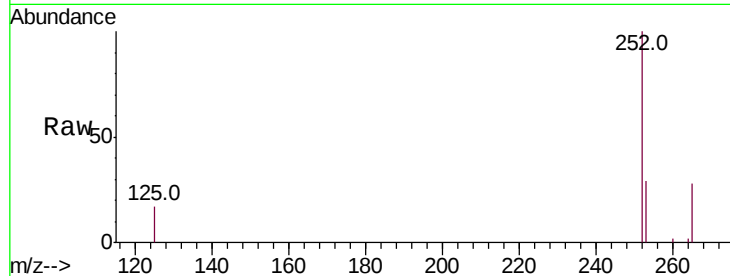
Tot Ion:252 Resp: 8657

Ion Ratio Lower Upper

252 100

253 28.6 0.0 59.6

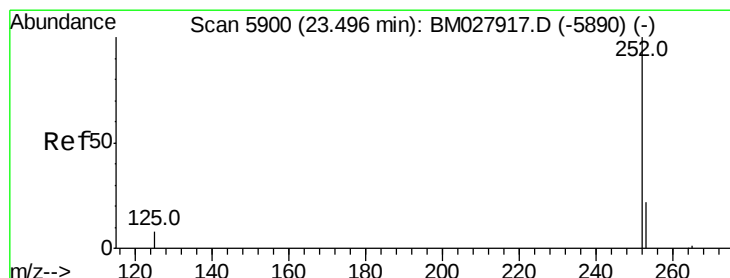
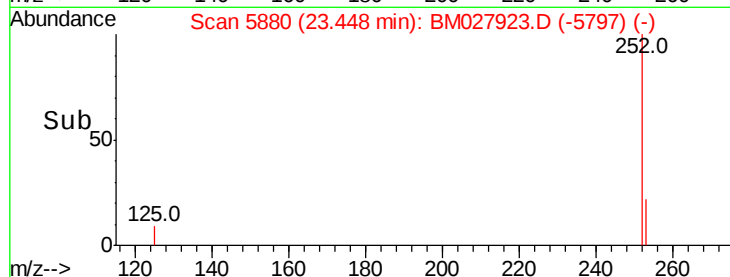
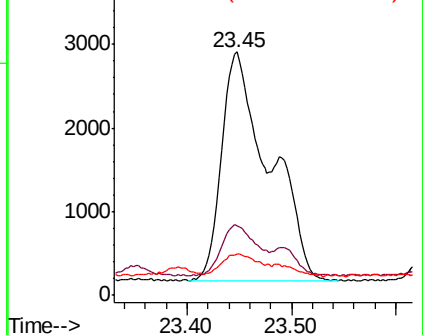
125 17.0 0.0 28.4



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: 0.841 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.05 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

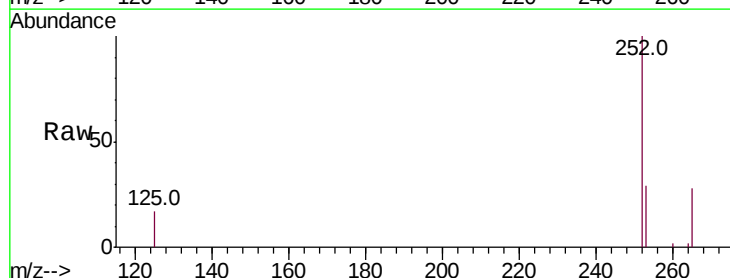
Tgt Ion:252 Resp: 8657

Ion Ratio Lower Upper

252 100

253 28.6 23.2 34.8

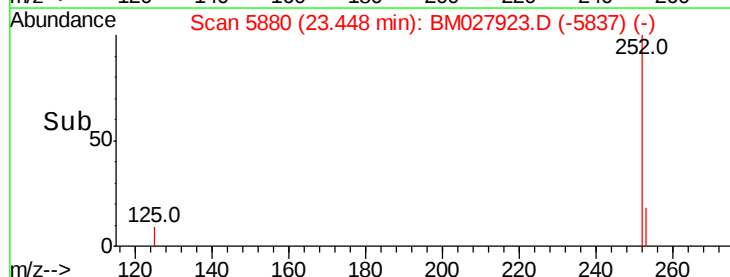
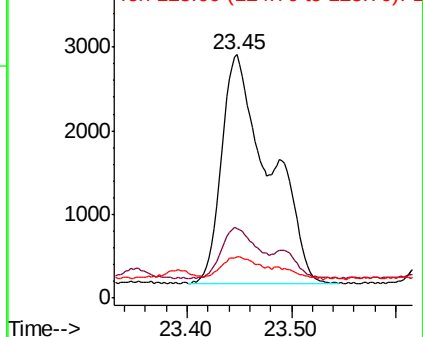
125 17.0 11.8 17.6

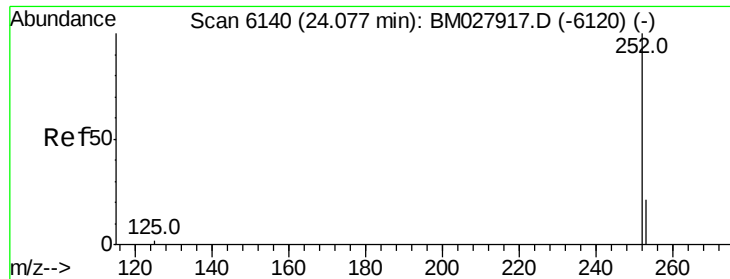


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.488 ng/ul

RT: 24.08 min Scan# 6139

Delta R.T. 0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

ClientSampleId :

C0AW9DL

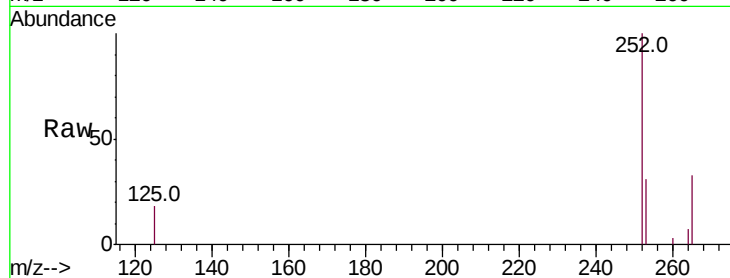
Tot Ion:252 Resp: 4482

Ion Ratio Lower Upper

252 100

253 31.1 25.2 37.8

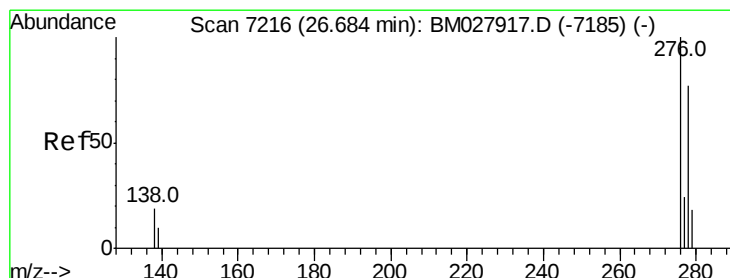
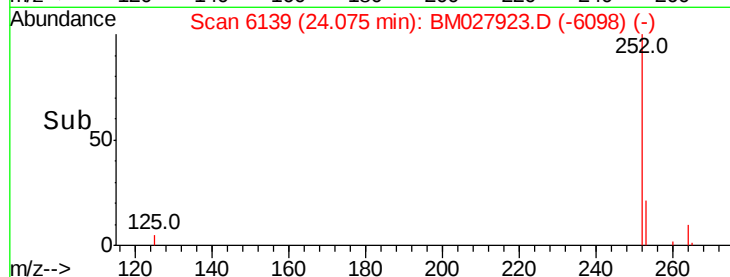
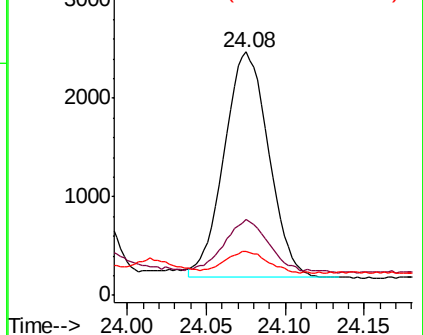
125 17.9 13.8 20.6



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: 0.272 ng/ul

RT: 26.67 min Scan# 7212

Delta R.T. -0.01 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

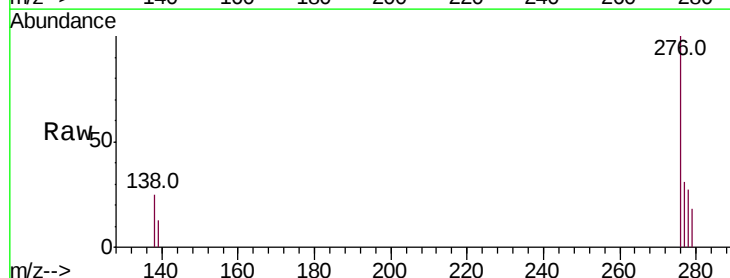
Tgt Ion:276 Resp: 2703

Ion Ratio Lower Upper

276 100

138 18.6 15.7 23.5

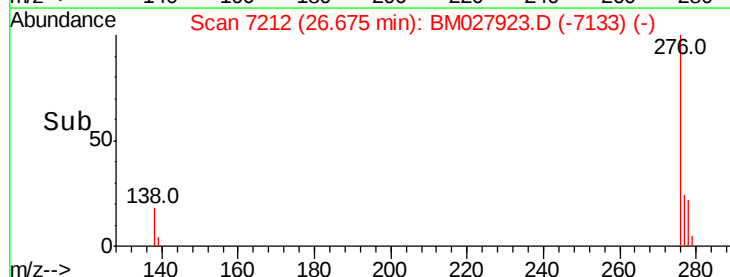
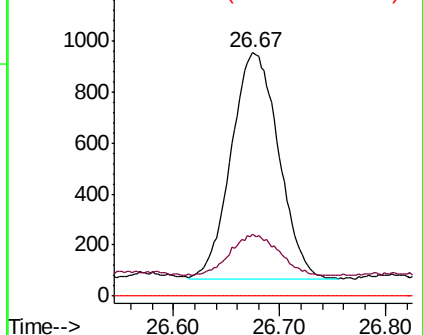
227 0.0 0.0 0.0

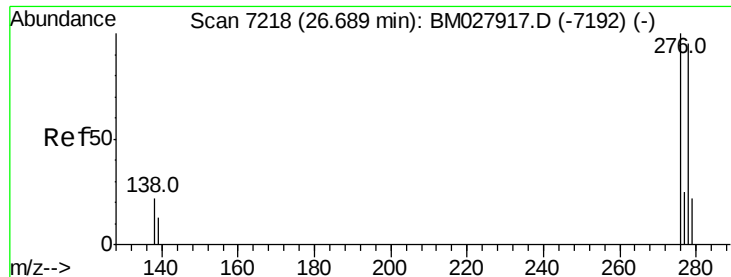


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.087 ng/ul

RT: 26.68 min Scan# 7216

Delta R.T. -0.00 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

Instrument :

BNA_M

ClientSampleId :

C0AW9DL

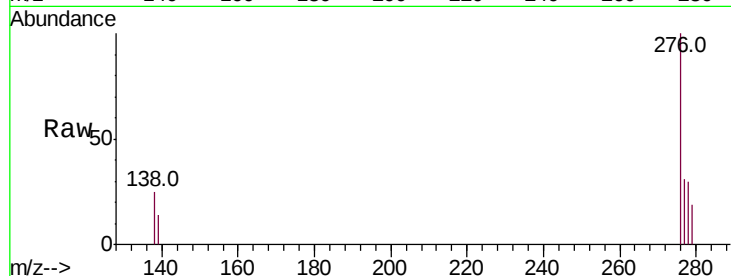
Tot Ion:278 Resp: 722

Ion Ratio Lower Upper

278 100

139 46.4 14.8 22.2#

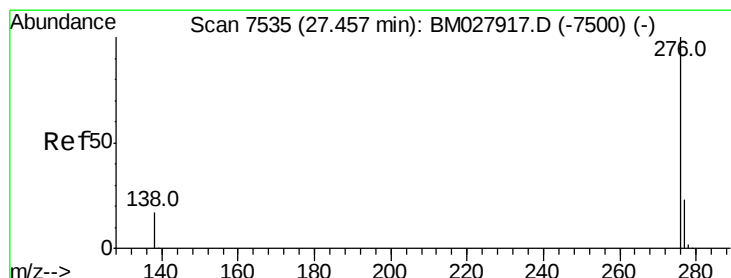
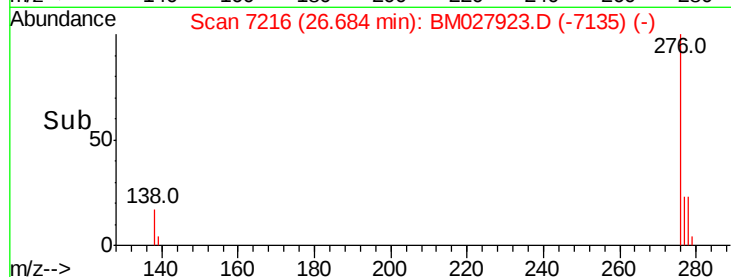
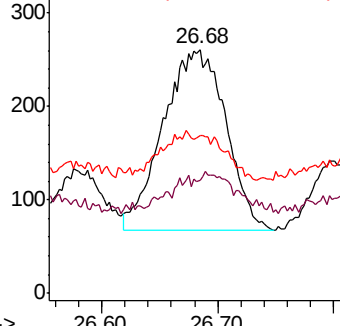
279 64.8 25.8 38.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.303 ng/ul

RT: 27.45 min Scan# 7531

Delta R.T. -0.01 min

Lab File: BM027923.D

Acq: 23 Nov 2020 21:02

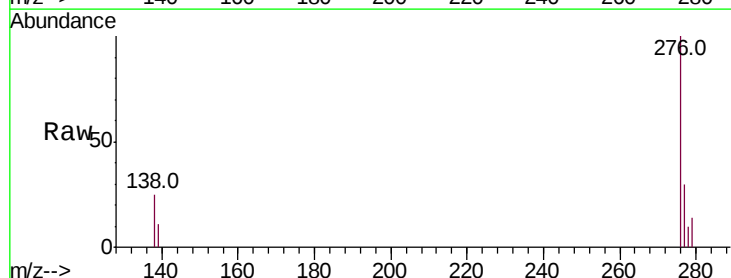
Tgt Ion:276 Resp: 2528

Ion Ratio Lower Upper

276 100

138 25.1 17.4 26.2

277 29.8 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

