

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027922.D
 Acq On : 23 Nov 2020 20:26
 Operator : JU/CG
 Sample : L4711-24DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF6DL

Quant Time: Nov 24 00:45:46 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	1184	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4645	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2639	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4846	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2695	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2450	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	295	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	480	0.04	ng/ul	0.00

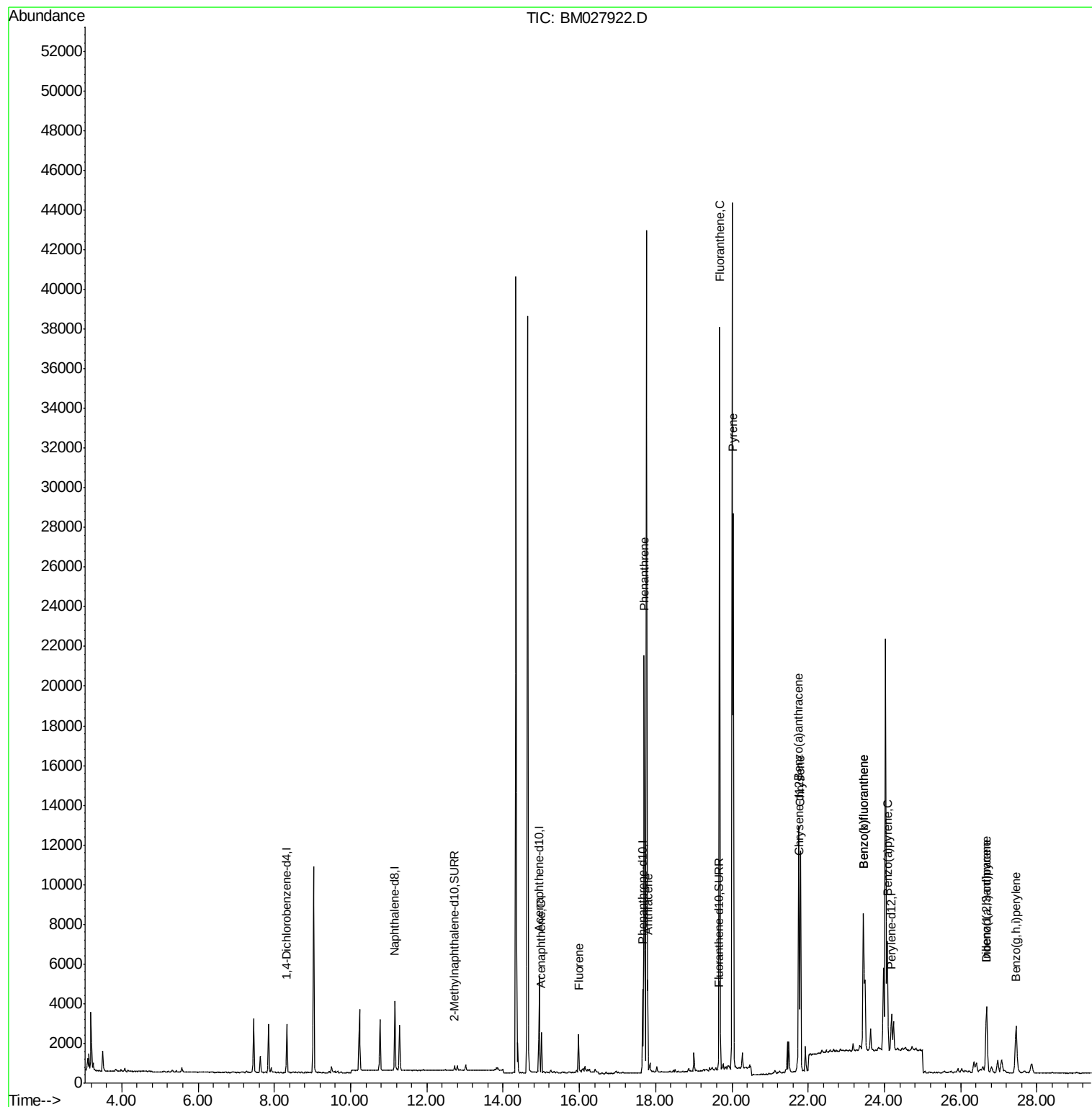
Target Compounds				Ovalue		
8) Acenaphthene	15.01	153	1125	0.117	ng/ul	99
9) Fluorene	15.98	166	1198	0.107	ng/ul#	98
12) Phenanthrene	17.70	178	21660	1.415	ng/ul	98
13) Anthracene	17.79	178	4680	0.317	ng/ul	99
15) Fluoranthene	19.68	202	31356	1.847	ng/ul	100
17) Pyrene	20.03	202	24461	1.787	ng/ul	97
18) Benzo(a)anthracene	21.75	228	10148	0.933	ng/ul	99
19) Chrysene	21.80	228	10980	1.037	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	16791	1.631	ng/ul	95
22) Benzo(k)fluoranthene	23.45	252	16791	1.665	ng/ul	96
23) Benzo(a)pyrene	24.08	252	8100	0.900	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.68	276	5692	0.584	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	1444	0.178	ng/ul#	71
26) Benzo(g,h,i)perylene	27.45	276	5468	0.669	ng/ul	98

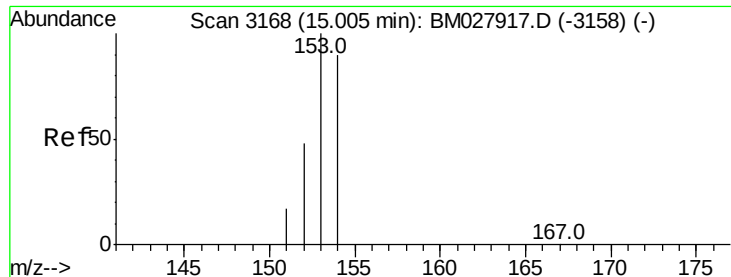
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.117 ng/ul

RT: 15.01 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

ClientSampled :

C0BF6DL

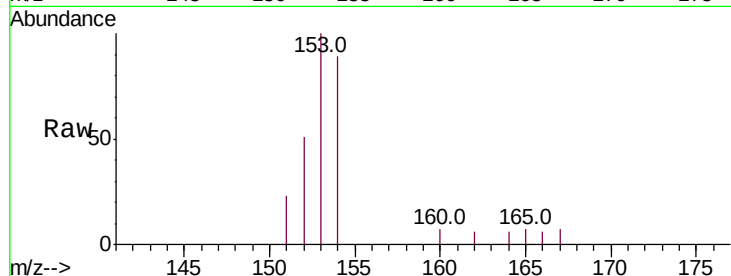
Tot Ion:153 Resp: 1125

Ion Ratio Lower Upper

153 100

152 51.0 39.0 58.6

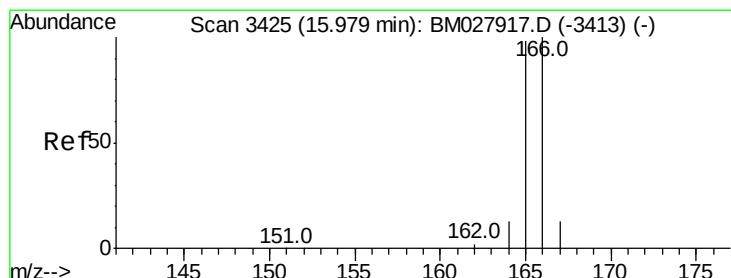
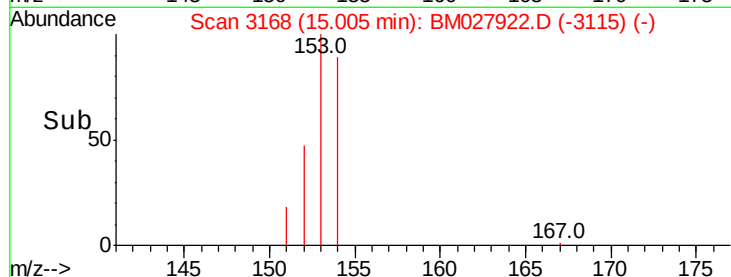
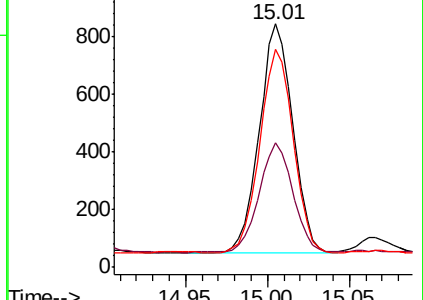
154 89.3 71.6 107.4



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: 0.107 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

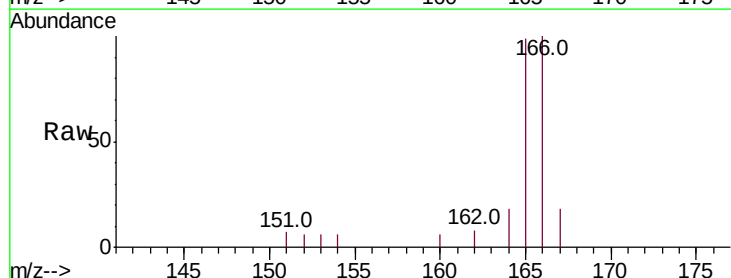
Tgt Ion:166 Resp: 1198

Ion Ratio Lower Upper

166 100

165 99.2 78.1 117.1

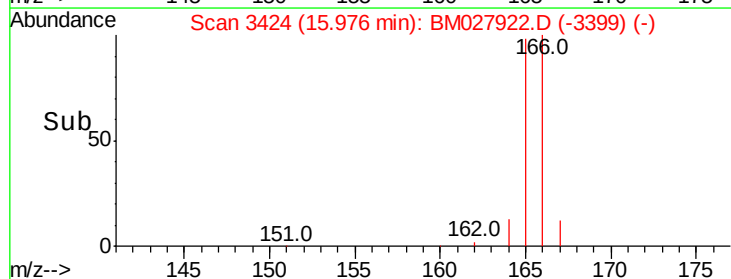
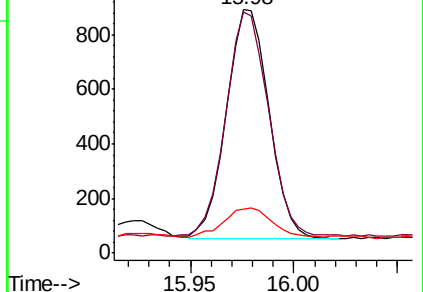
167 18.2 11.8 17.8#

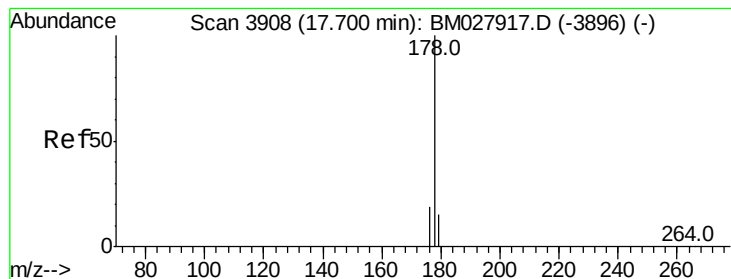


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 1.415 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

ClientSampleId :

C0BF6DL

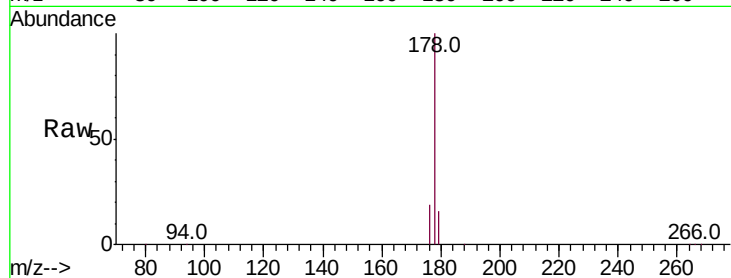
Tot Ion:178 Resp: 21660

Ion Ratio Lower Upper

178 100

179 15.7 13.6 20.4

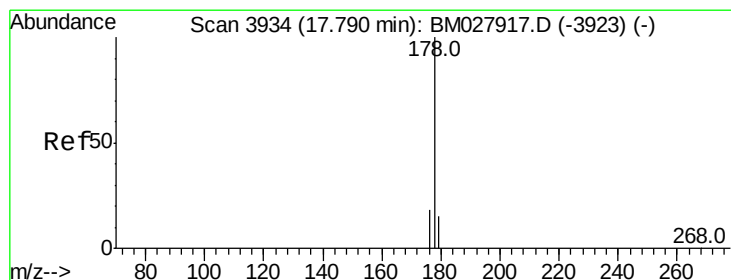
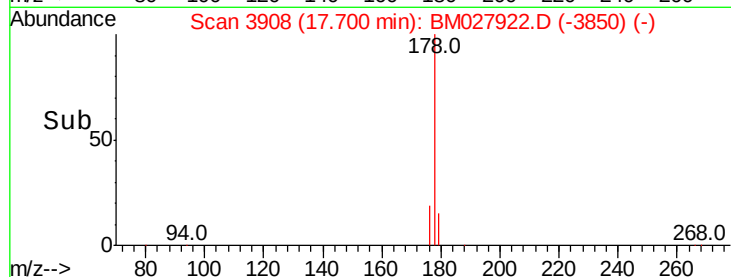
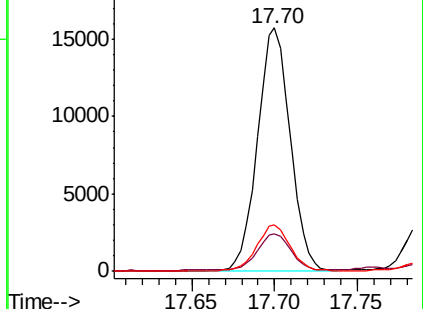
176 19.2 16.1 24.1



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: 0.317 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

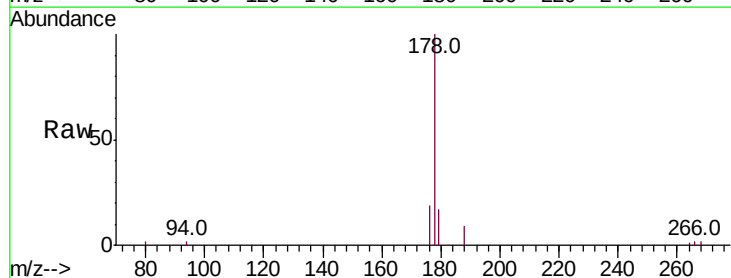
Tgt Ion:178 Resp: 4680

Ion Ratio Lower Upper

178 100

179 16.9 13.4 20.2

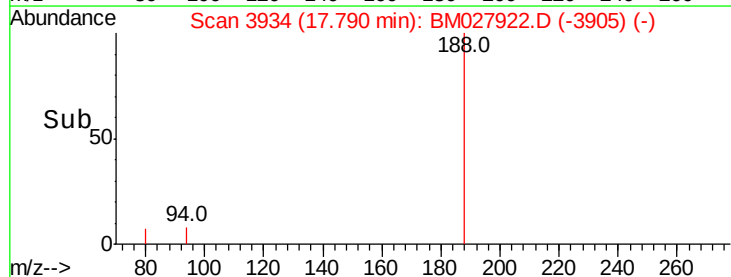
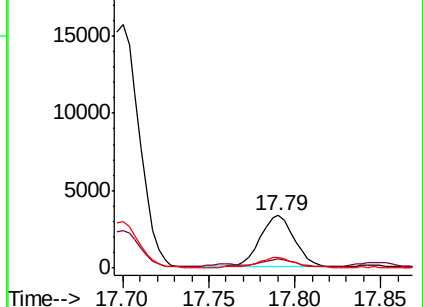
176 19.2 15.0 22.6

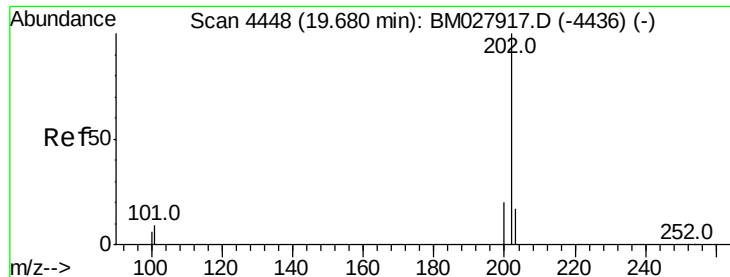


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.847 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

ClientSampleId :

C0BF6DL

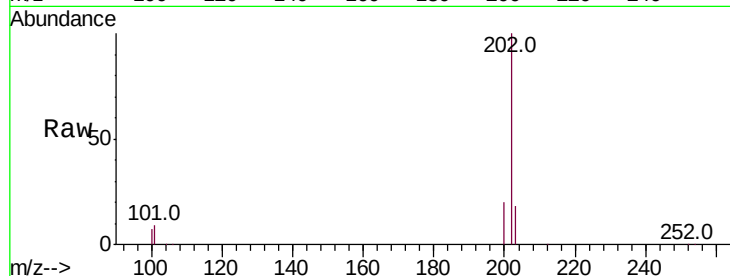
Tot Ion:202 Resp: 31356

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.3

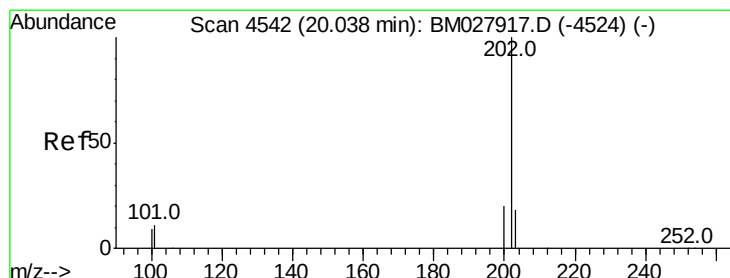
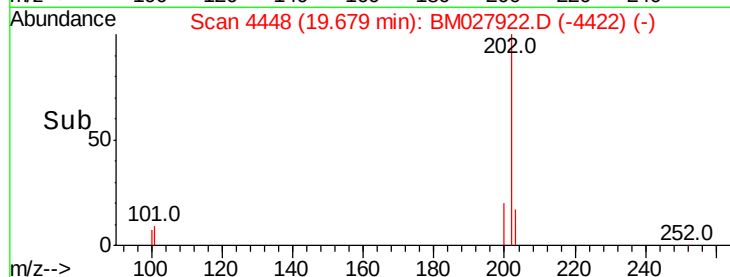
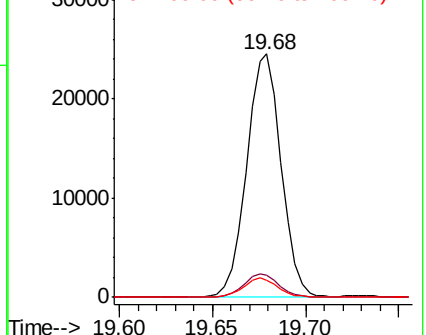
100 7.3 0.0 27.4



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: 1.787 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

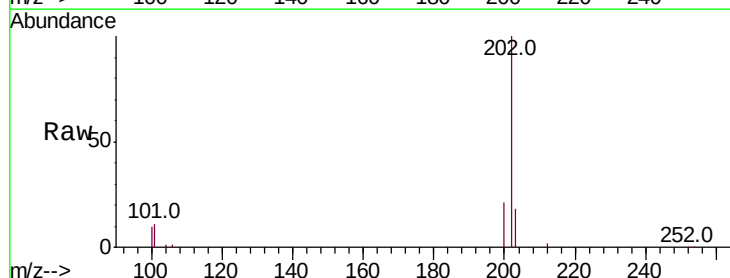
Tgt Ion:202 Resp: 24461

Ion Ratio Lower Upper

202 100

101 11.5 8.2 12.2

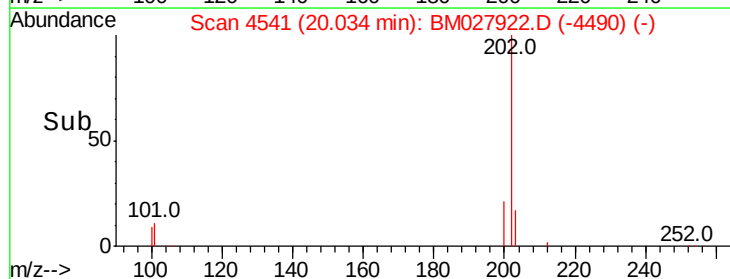
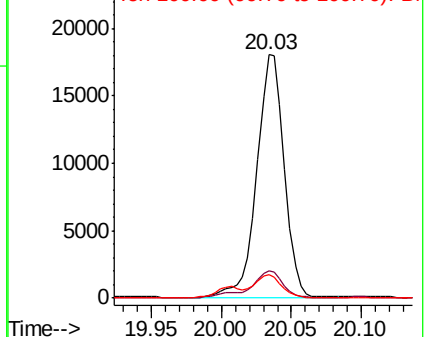
100 9.7 6.9 10.3

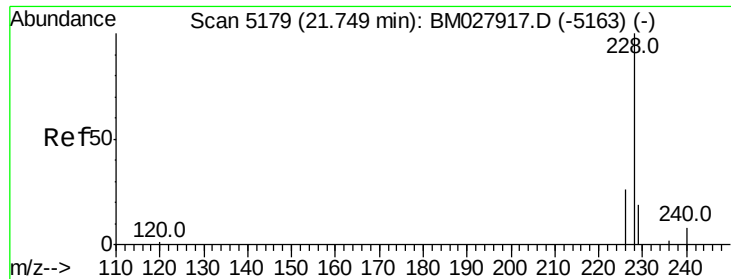


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.933 ng/ul

RT: 21.75 min Scan# 5177

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

ClientSampleId :

C0BF6DL

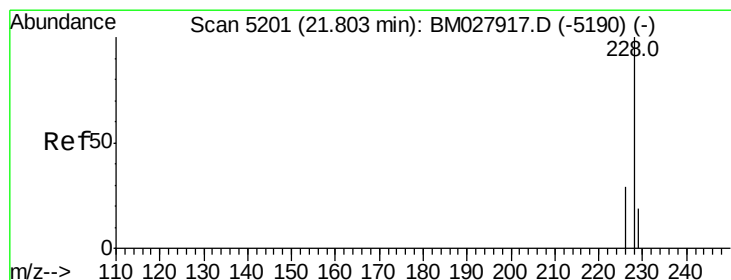
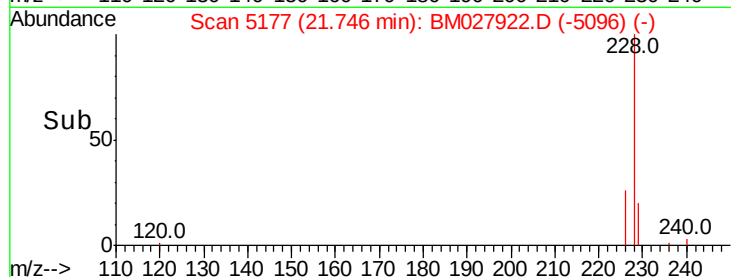
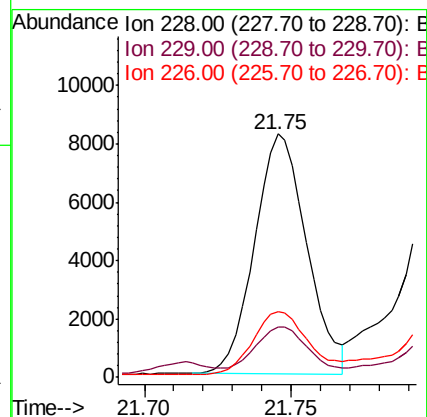
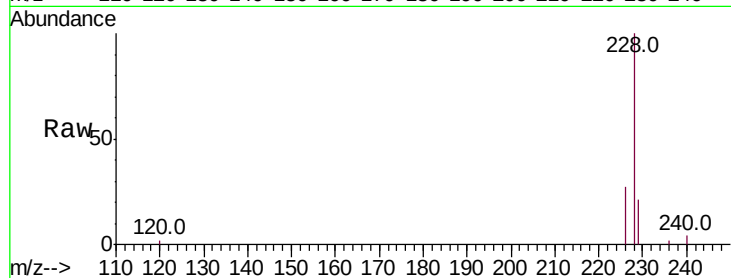
Tot Ion:228 Resp: 10148

Ion Ratio Lower Upper

228 100

229 20.9 16.2 24.4

226 26.9 21.5 32.3



#19

Chrysene

Concen: 1.037 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

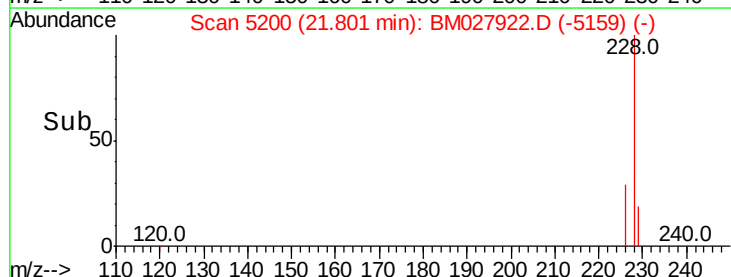
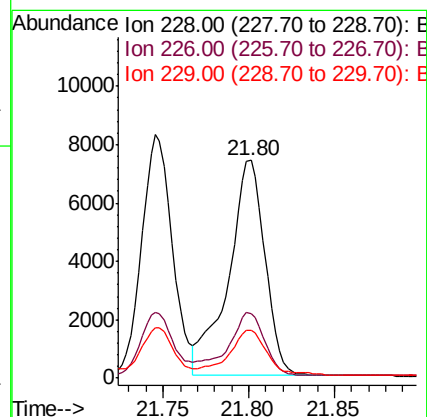
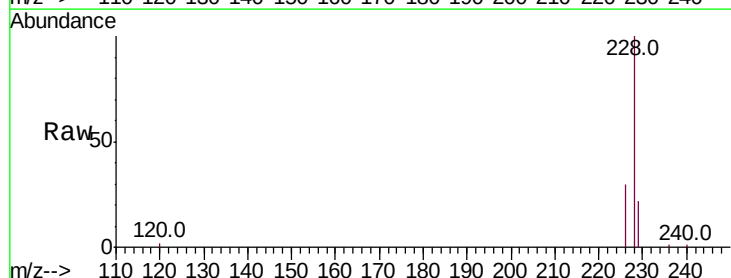
Tgt Ion:228 Resp: 10980

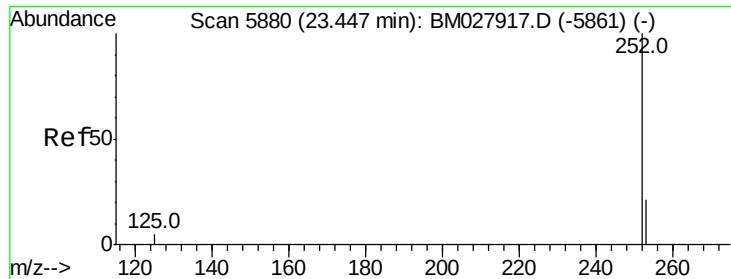
Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 22.1 16.6 24.8





#21

Benzo(b)fluoranthene

Concen: 1.631 ng/ul

RT: 23.45 min Scan# 5879

Delta R.T. -0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

ClientSampleId :

C0BF6DL

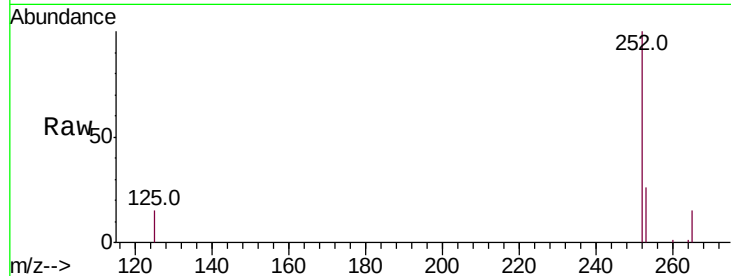
Tot Ion:252 Resp: 16791

Ion Ratio Lower Upper

252 100

253 26.2 0.0 59.6

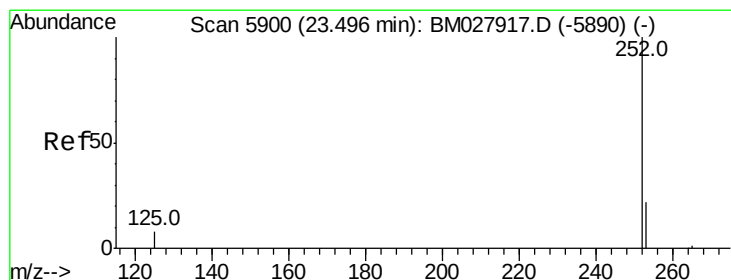
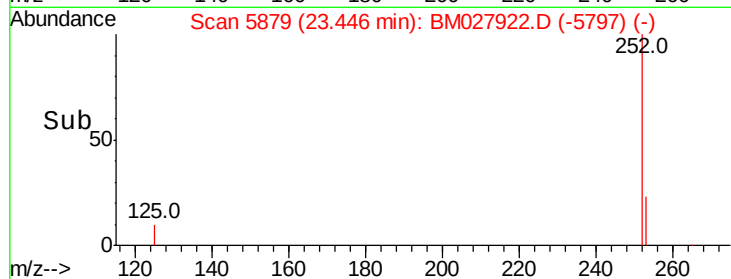
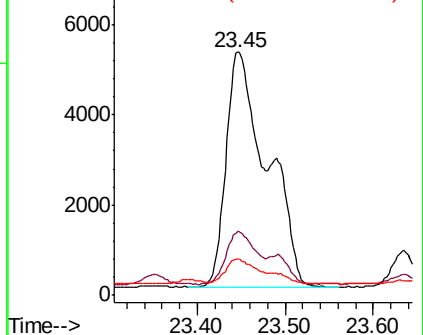
125 14.8 0.0 28.4



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: 1.665 ng/ul

RT: 23.45 min Scan# 5879

Delta R.T. -0.05 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

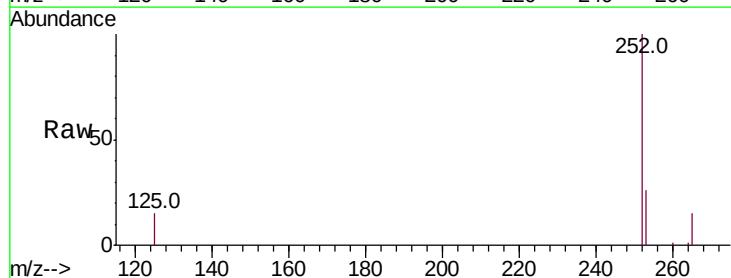
Tgt Ion:252 Resp: 16791

Ion Ratio Lower Upper

252 100

253 26.2 23.2 34.8

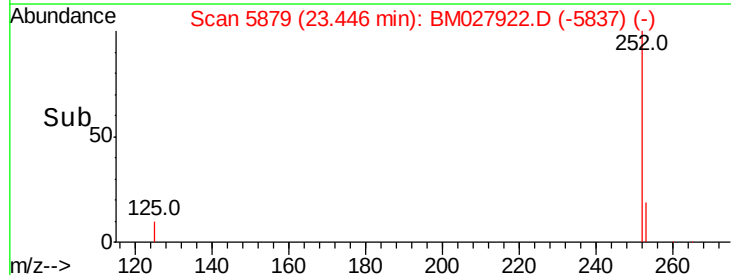
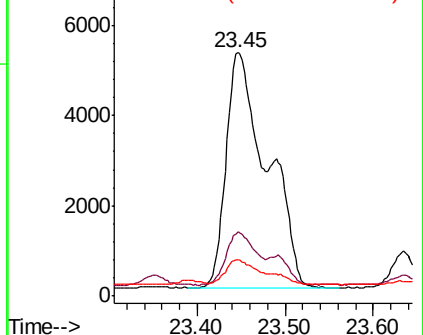
125 14.8 11.8 17.6

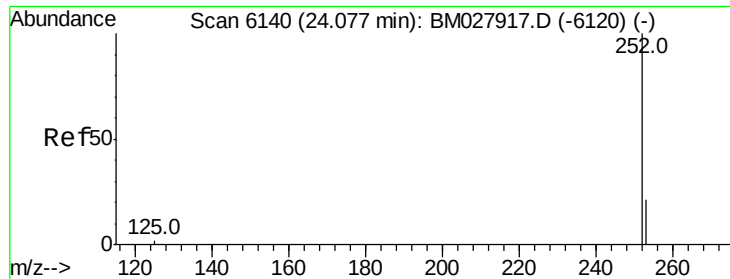


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.900 ng/ul

RT: 24.08 min Scan# 6139

Delta R.T. 0.00 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

Instrument :

BNA_M

ClientSampleId :

C0BF6DL

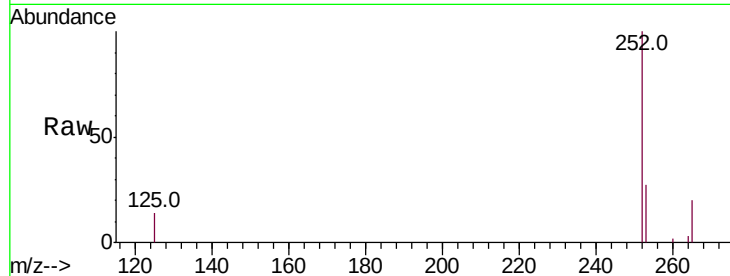
Tot Ion:252 Resp: 8100

Ion Ratio Lower Upper

252 100

253 26.7 25.2 37.8

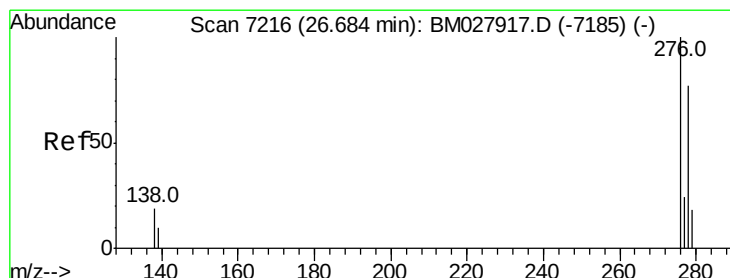
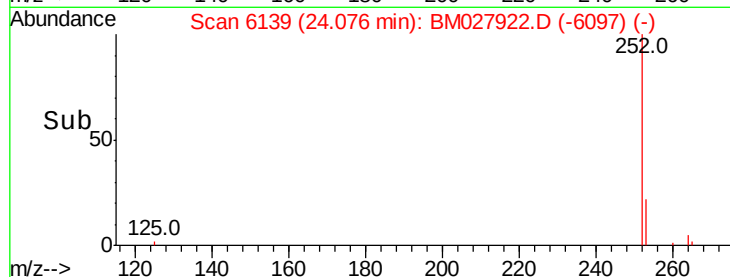
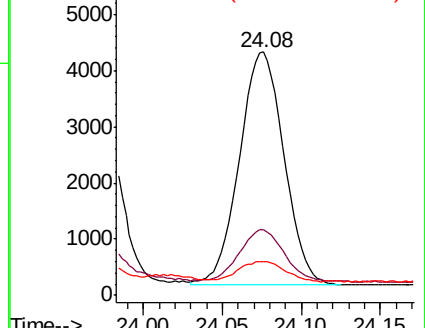
125 14.1 13.8 20.6



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: 0.584 ng/ul

RT: 26.68 min Scan# 7213

Delta R.T. -0.01 min

Lab File: BM027922.D

Acq: 23 Nov 2020 20:26

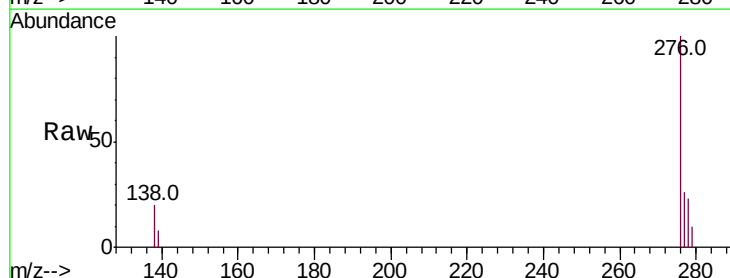
Tgt Ion:276 Resp: 5692

Ion Ratio Lower Upper

276 100

138 17.7 15.7 23.5

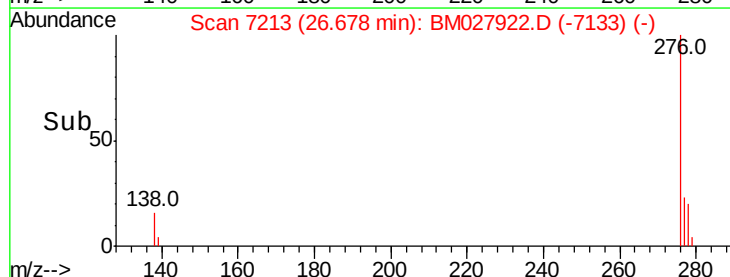
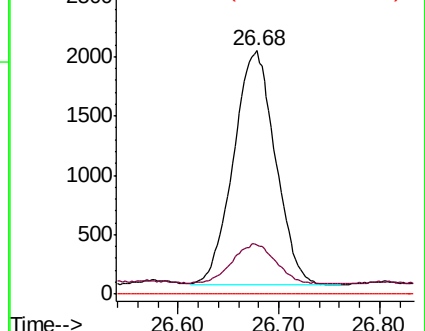
227 0.0 0.0 0.0

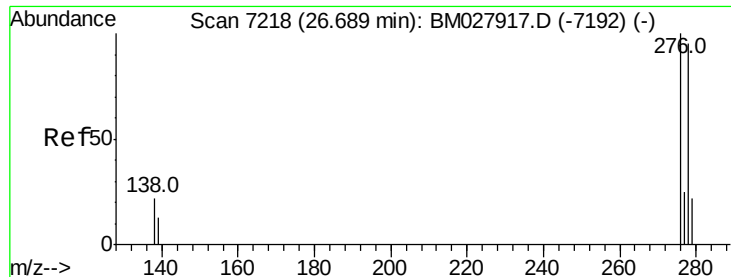


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

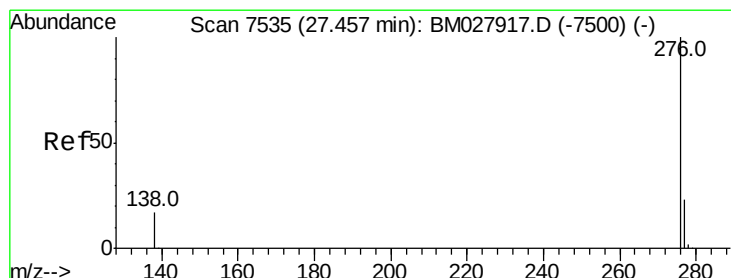
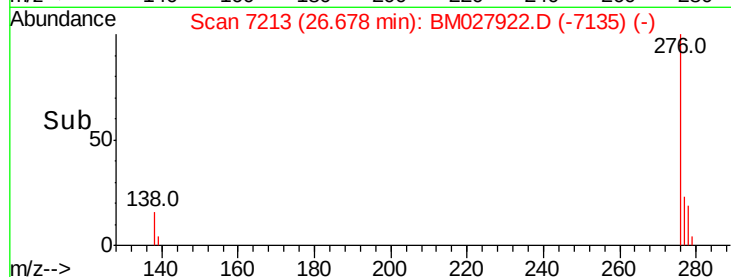
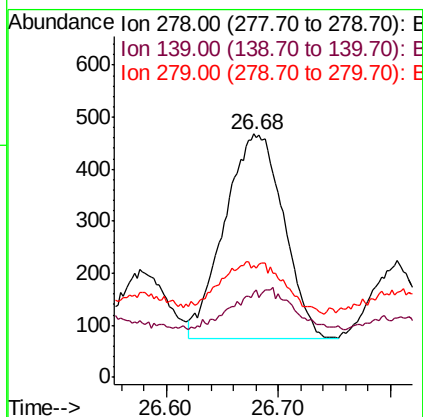
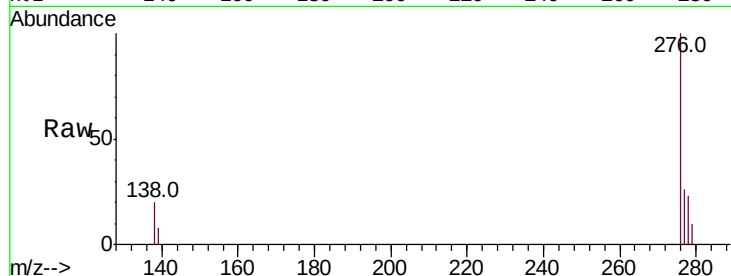




#25
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027922.D
Acq: 23 Nov 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0BF6DL

Tot Ion:278 Resp: 1444
Ion Ratio Lower Upper
278 100
139 34.8 14.8 22.2#
279 45.9 25.8 38.6#



#26
Benzo(g,h,i)perylene
Concen: 0.669 ng/ul
RT: 27.45 min Scan# 7530
Delta R.T. -0.01 min
Lab File: BM027922.D
Acq: 23 Nov 2020 20:26

Tgt Ion:276 Resp: 5468
Ion Ratio Lower Upper
276 100
138 21.2 17.4 26.2
277 26.8 22.5 33.7

