

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027879.D
 Acq On : 21 Nov 2020 13:45
 Operator : JU/CG
 Sample : L4854-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Quant Time: Nov 23 03:00:01 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 : Mon Nov 23 02:58:43 2020
 Response via : Initial Calibration

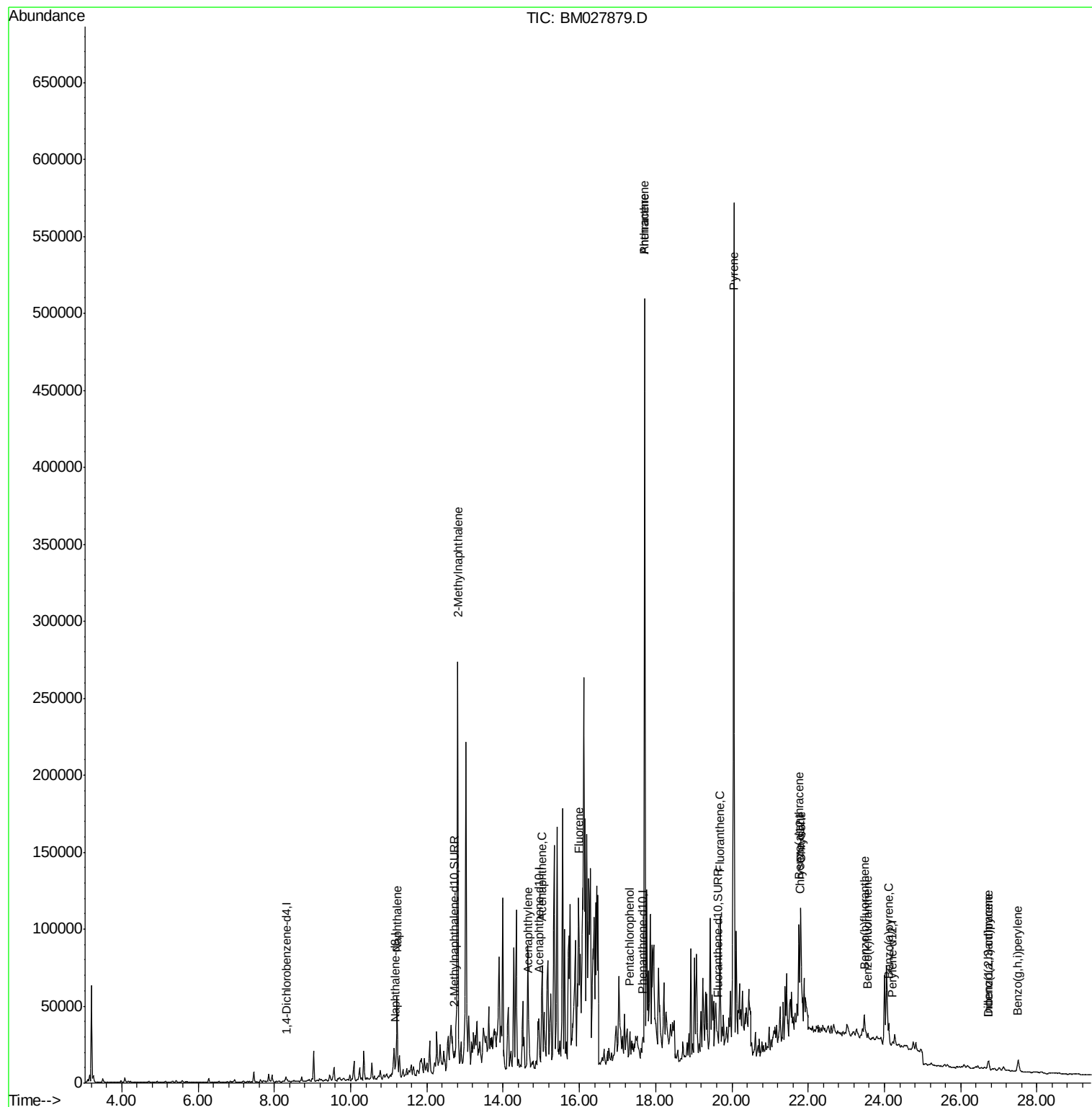
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	841	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	5067	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	4463	0.40	ng/ul	0.00
16) Chrysene-d12	21.78	240	4151	0.40	ng/ul	0.00
20) Perylene-d12	24.22	264	2845	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1523	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2071	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	61398	6.454	ng/ul	97
5) 2-Methylnaphthalene	12.81	142	166736	25.763	ng/ul	100
7) Acenaphthylene	14.67	152	15396	0.623	ng/ul#	1
8) Acenaphthene	15.02	153	40294	2.175	ng/ul#	85
9) Fluorene	15.99	166	54724	2.546	ng/ul#	90
11) Pentachlorophenol	17.32	266	105	0.069	ng/ul#	49
12) Phenanthrene	17.71	178	494764	35.094	ng/ul	98
13) Anthracene	17.71	178	380172	27.956	ng/ul	99
15) Fluoranthene	19.69	202	75359	4.821	ng/ul	92
17) Pyrene	20.05	202	450048	21.348	ng/ul#	97
18) Benzo(a)anthracene	21.76	228	44529	2.659	ng/ul#	33
19) Chrysene	21.81	228	56066	3.437	ng/ul#	70
21) Benzo(b)fluoranthene	23.47	252	30448	2.547	ng/ul#	18
22) Benzo(k)fluoranthene	23.57	252	1981	0.169	ng/ul#	1
23) Benzo(a)pyrene	24.11	252	21640	2.070	ng/ul#	35
24) Indeno(1,2,3-cd)pyrene	26.73	276	9259	0.818	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.72	278	4838	0.513	ng/ul#	1
26) Benzo(g,h,i)perylene	27.51	276	17821	1.877	ng/ul#	83

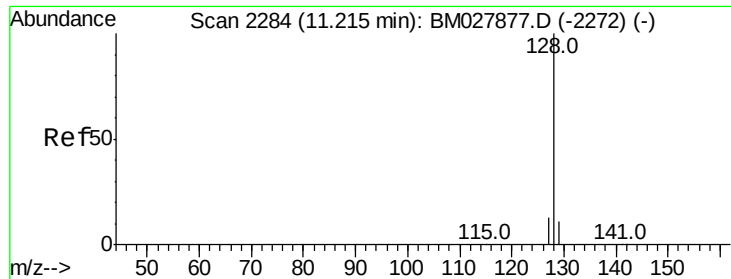
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 6.454 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

Instrument :

BNA_M

ClientSampleId :

C0AD0

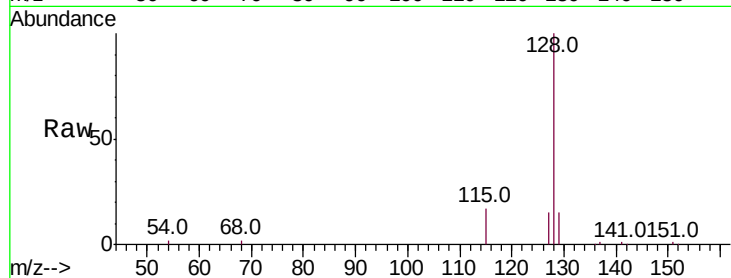
Tot Ion:128 Resp: 61398

Ion Ratio Lower Upper

128 100

129 15.5 10.4 15.6

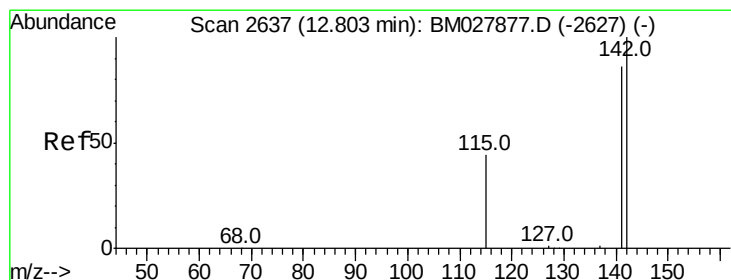
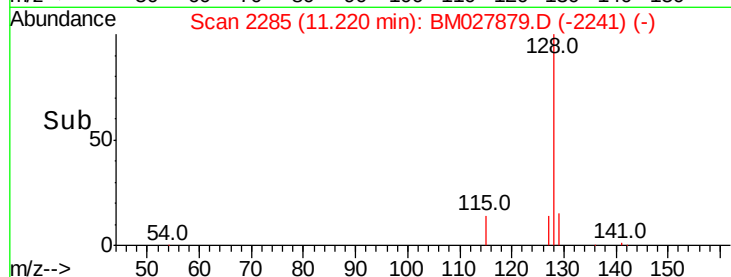
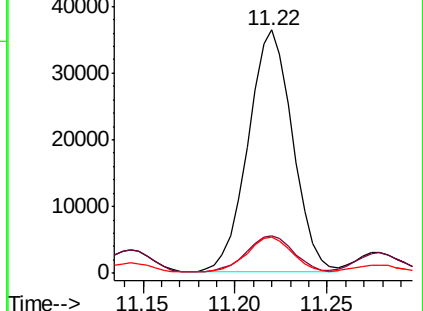
127 14.7 12.0 18.0



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: 25.763 ng/ul

RT: 12.81 min Scan# 2638

Delta R.T. -0.00 min

Lab File: BM027879.D

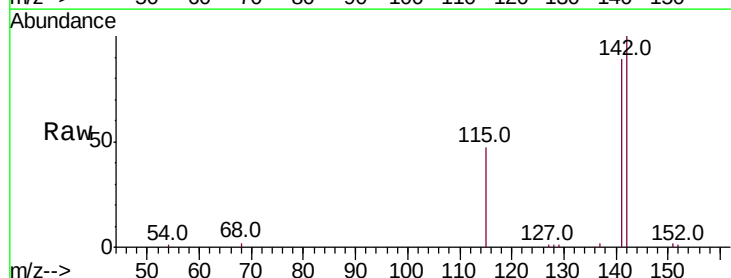
Acq: 21 Nov 2020 13:45

Tgt Ion:142 Resp: 166736

Ion Ratio Lower Upper

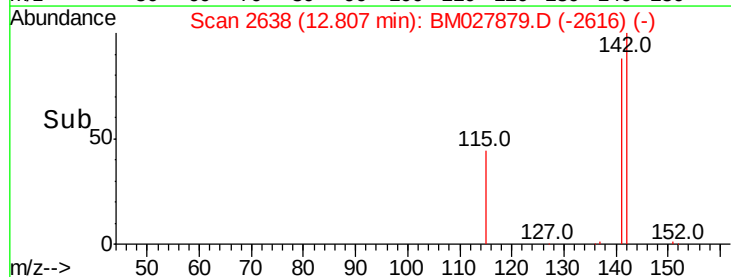
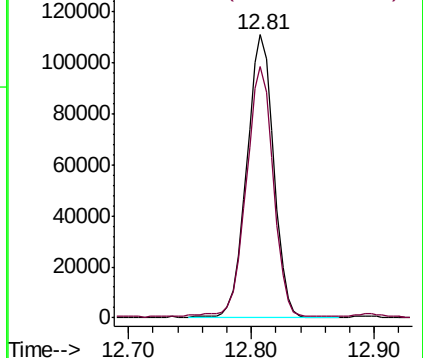
142 100

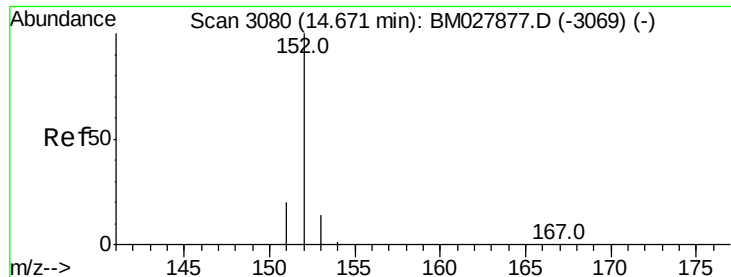
141 89.6 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.623 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

Instrument :

BNA_M

ClientSampleId :

C0AD0

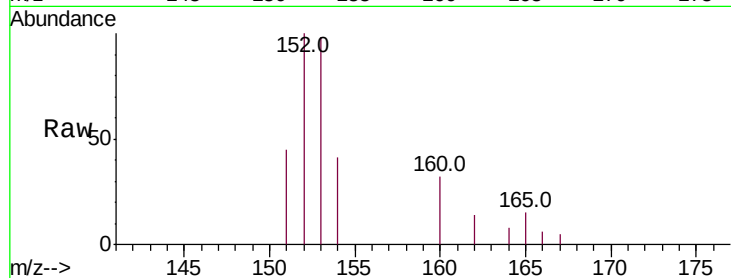
Tot Ion:152 Resp: 15396

Ion Ratio Lower Upper

152 100

151 44.7 17.1 25.7#

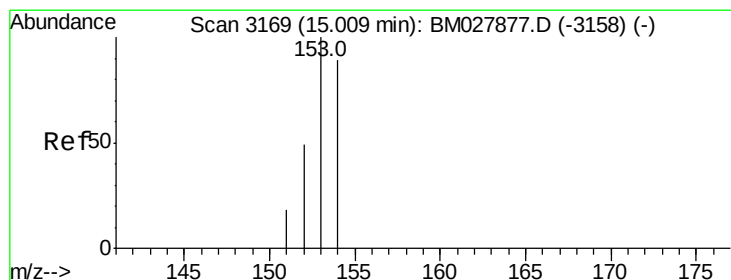
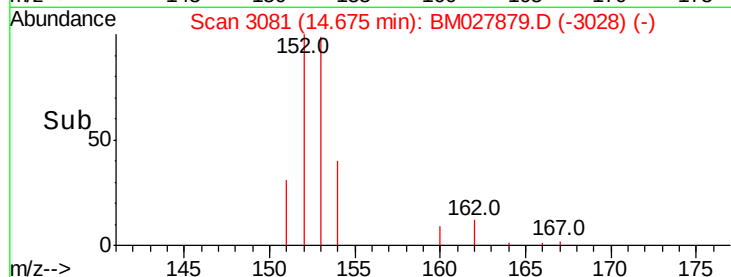
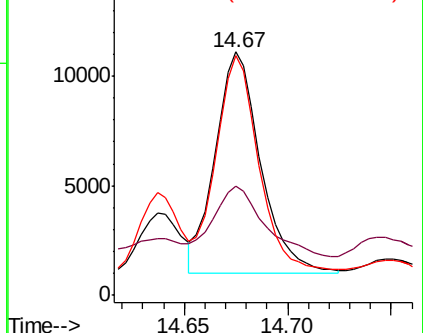
153 98.4 12.0 18.0#



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: 2.175 ng/ul

RT: 15.02 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

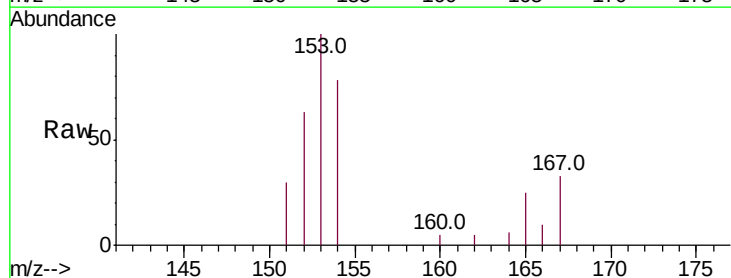
Tgt Ion:153 Resp: 40294

Ion Ratio Lower Upper

153 100

152 62.6 39.0 58.6#

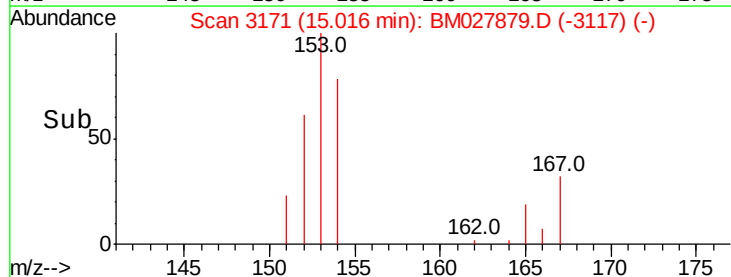
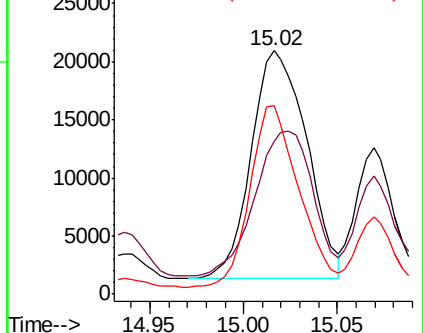
154 77.7 71.6 107.4

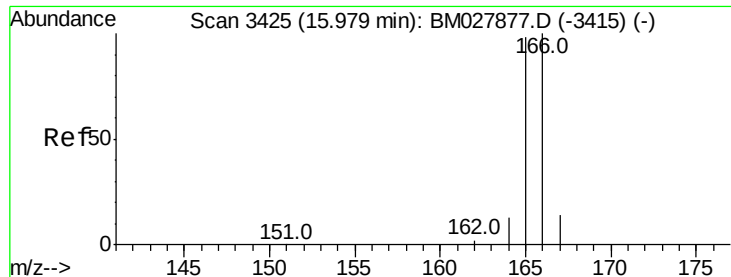


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.546 ng/ul

RT: 15.99 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

Instrument :

BNA_M

ClientSampleId :

C0AD0

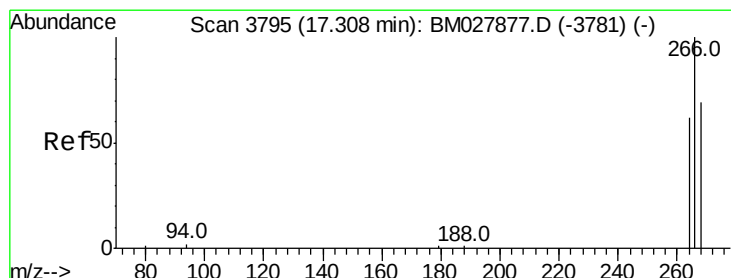
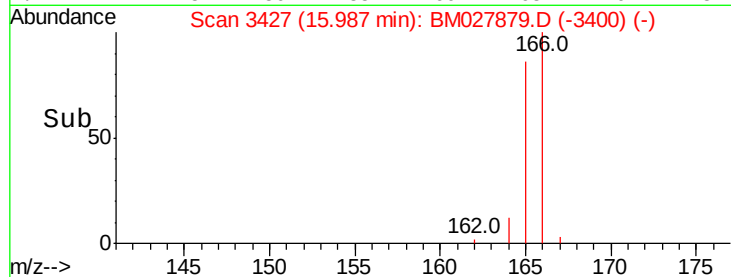
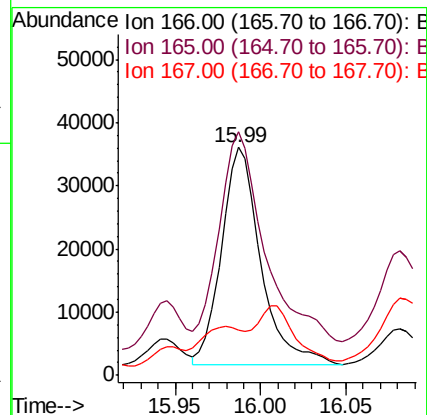
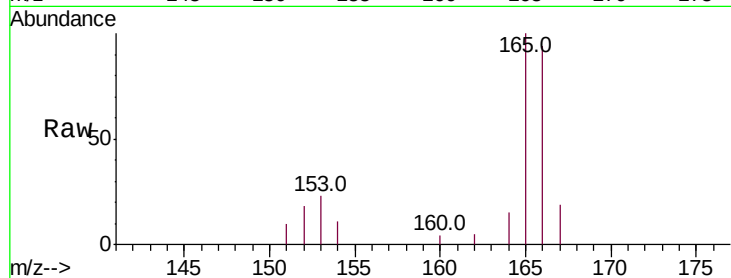
Tot Ion:166 Resp: 54724

Ion Ratio Lower Upper

166 100

165 106.7 78.1 117.1

167 20.1 11.8 17.8#



#11

Pentachlorophenol

Concen: 0.069 ng/ul

RT: 17.32 min Scan# 3798

Delta R.T. 0.01 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

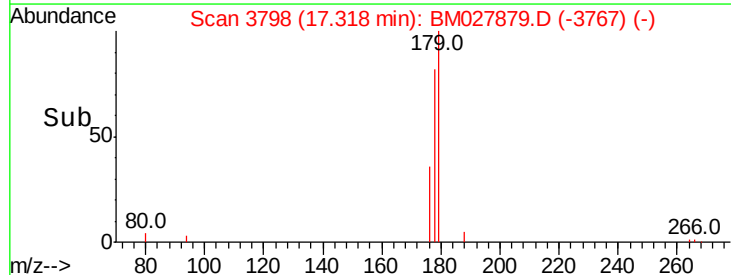
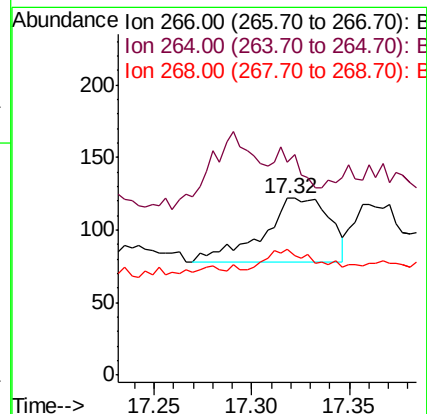
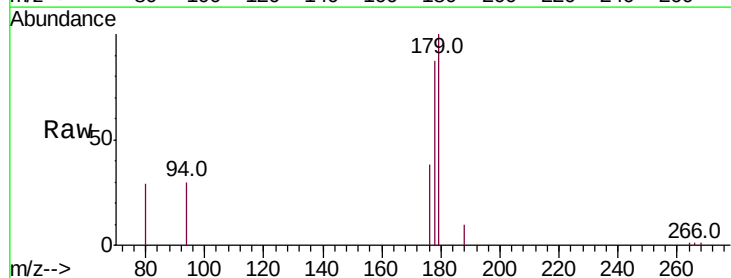
Tgt Ion:266 Resp: 105

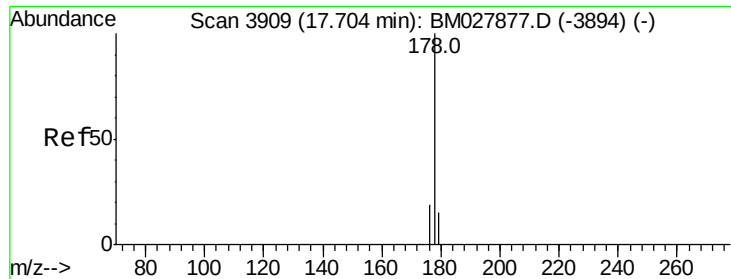
Ion Ratio Lower Upper

266 100

264 26.7 49.6 74.4#

268 21.0 52.1 78.1#

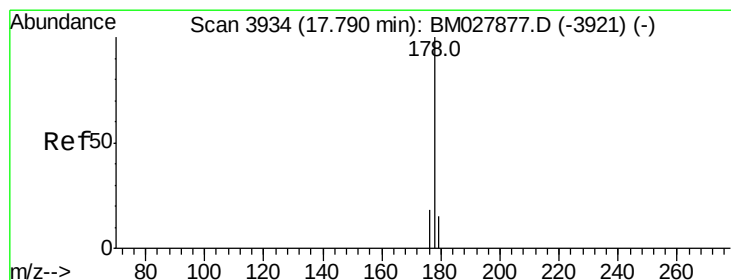
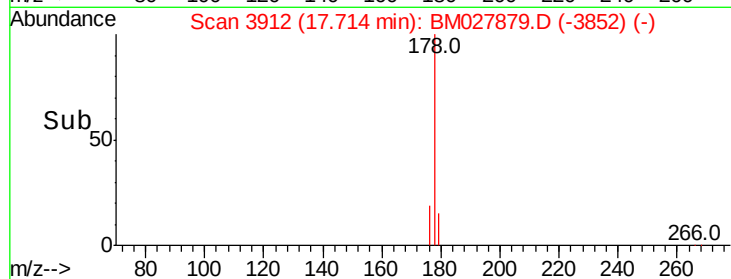
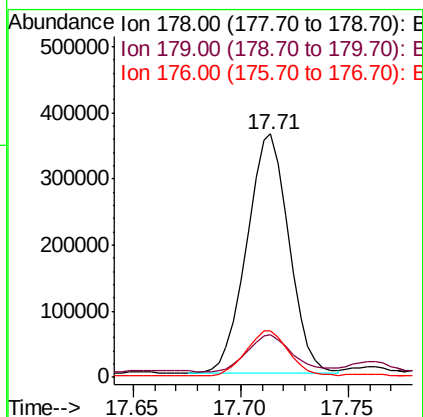
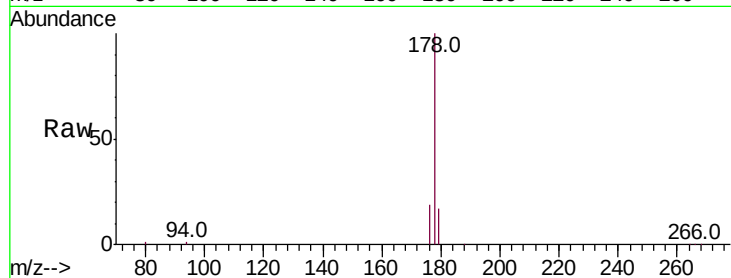




#12
Phenanthrene
Concen: 35.094 ng/ul
RT: 17.71 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

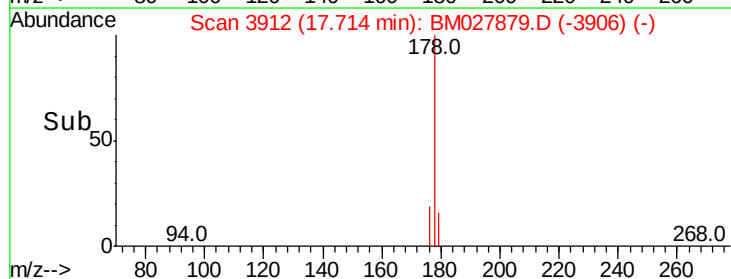
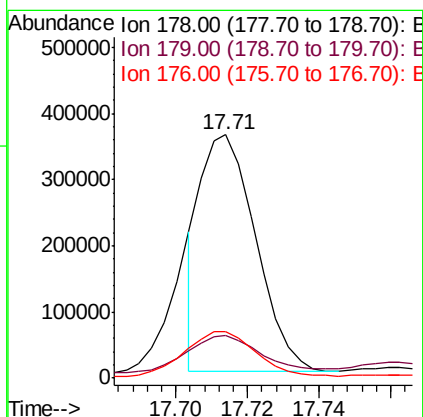
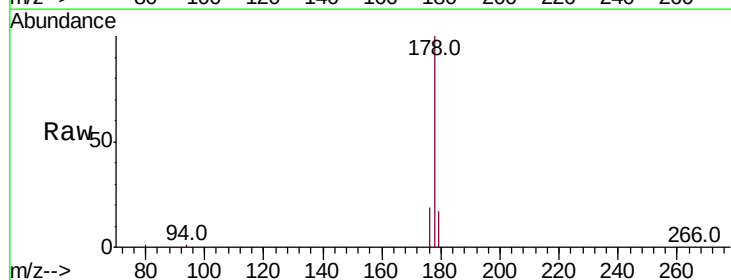
Instrument :
BNA_M
ClientSampleId :
C0AD0

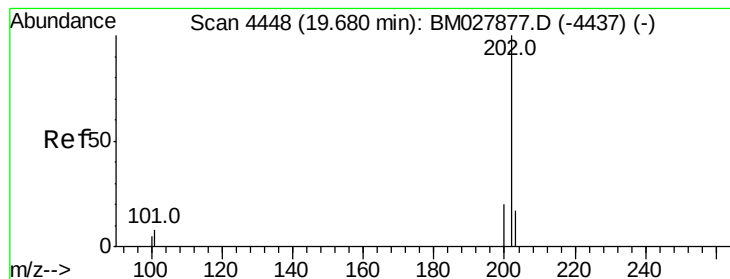
Tot Ion:178 Resp: 494764
Ion Ratio Lower Upper
178 100
179 17.4 13.6 20.4
176 19.1 16.1 24.1



#13
Anthracene
Concen: 27.956 ng/ul
RT: 17.71 min Scan# 3912
Delta R.T. -0.08 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:178 Resp: 380172
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.2
176 19.1 15.0 22.6





#15

Fluoranthene

Concen: 4.821 ng/ul

RT: 19.69 min Scan# 4450

Delta R.T. 0.00 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

Instrument :

BNA_M

ClientSampleId :

C0AD0

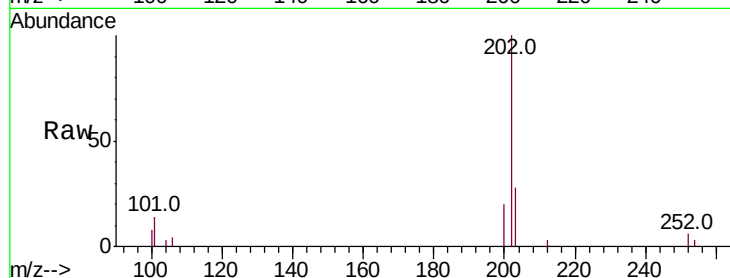
Tot Ion:202 Resp: 75359

Ion Ratio Lower Upper

202 100

101 14.1 0.0 29.3

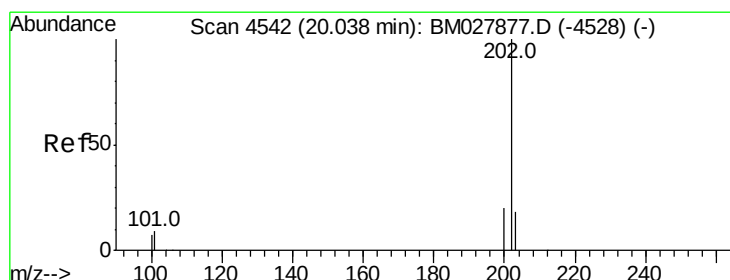
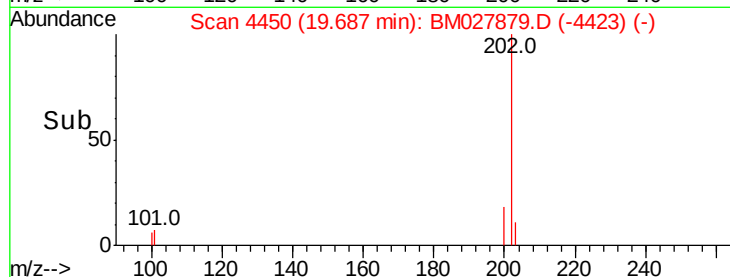
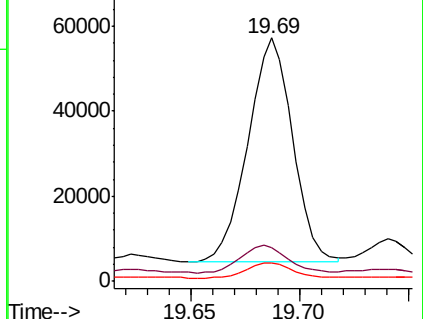
100 7.8 0.0 27.4



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: 21.348 ng/ul

RT: 20.05 min Scan# 4545

Delta R.T. 0.01 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

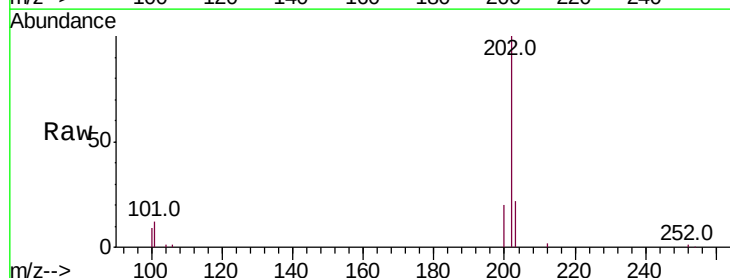
Tgt Ion:202 Resp: 450048

Ion Ratio Lower Upper

202 100

101 12.4 8.2 12.2#

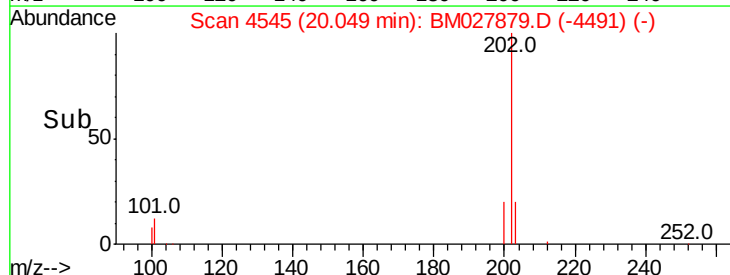
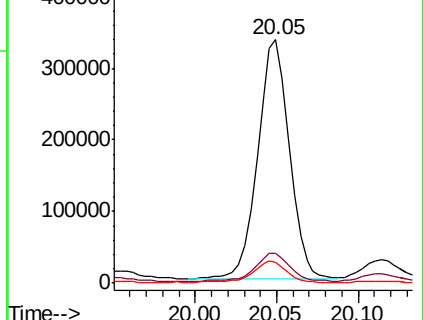
100 8.6 6.9 10.3

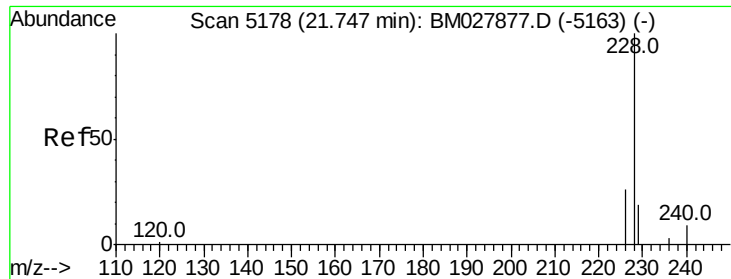


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 2.659 ng/ul

RT: 21.76 min Scan# 5183

Delta R.T. 0.01 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

Instrument :

BNA_M

ClientSampled :

C0AD0

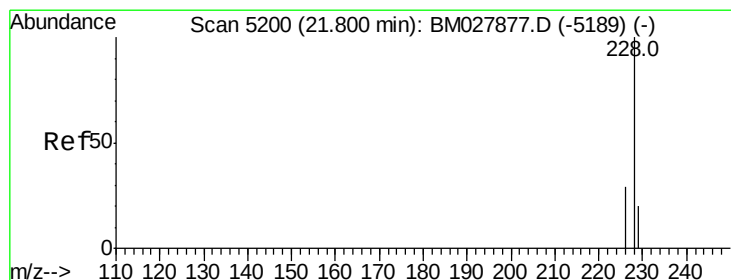
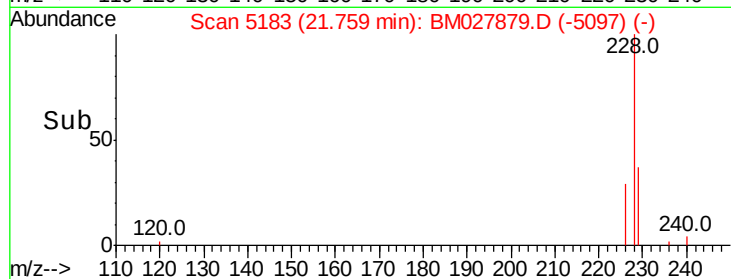
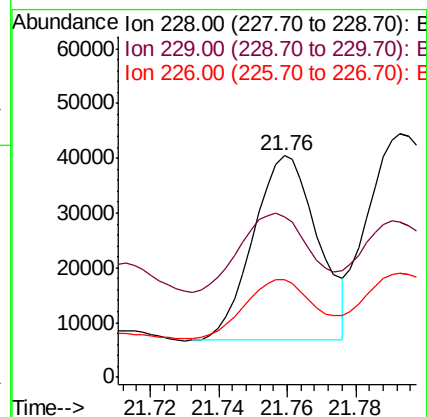
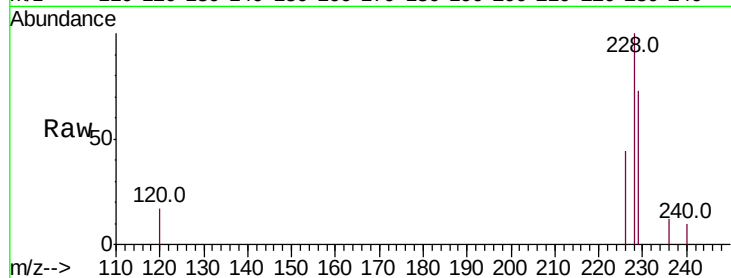
Tot Ion:228 Resp: 44529

Ion Ratio Lower Upper

228 100

229 72.6 16.2 24.4#

226 43.8 21.5 32.3#



#19

Chrysene

Concen: 3.437 ng/ul

RT: 21.81 min Scan# 5205

Delta R.T. 0.00 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

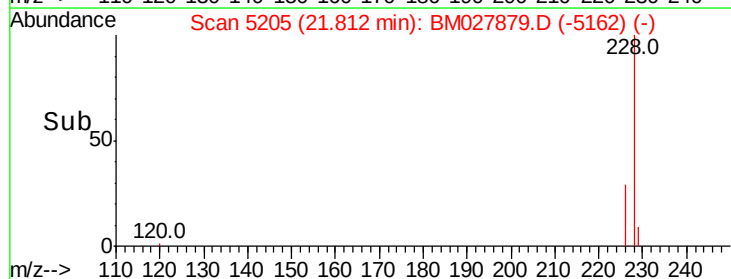
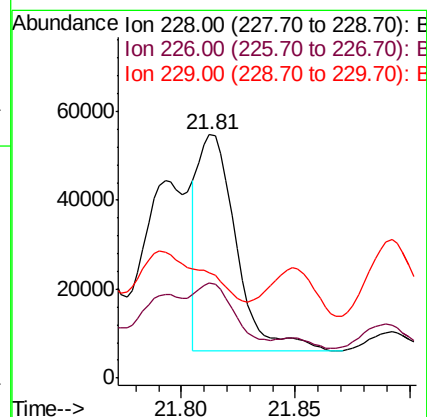
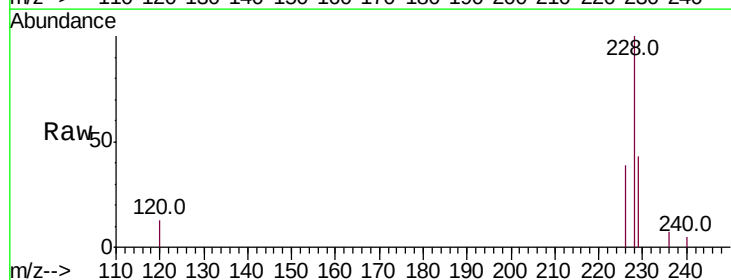
Tgt Ion:228 Resp: 56066

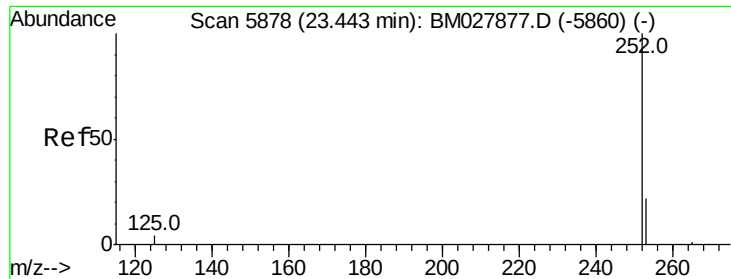
Ion Ratio Lower Upper

228 100

226 39.2 24.1 36.1#

229 43.4 16.6 24.8#





#21

Benzo(b)fluoranthene

Concen: 2.547 ng/ul

RT: 23.47 min Scan# 5890

Delta R.T. 0.02 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

Instrument :

BNA_M

ClientSampleId :

C0AD0

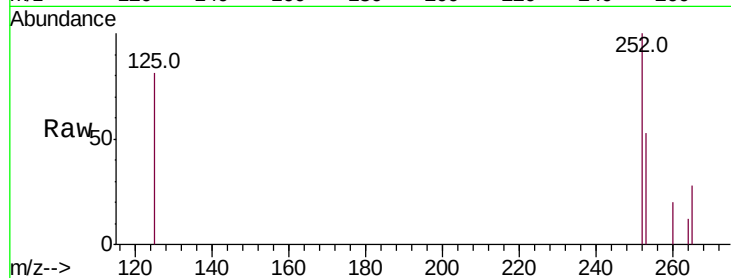
Tot Ion:252 Resp: 30448

Ion Ratio Lower Upper

252 100

253 53.0 0.0 59.6

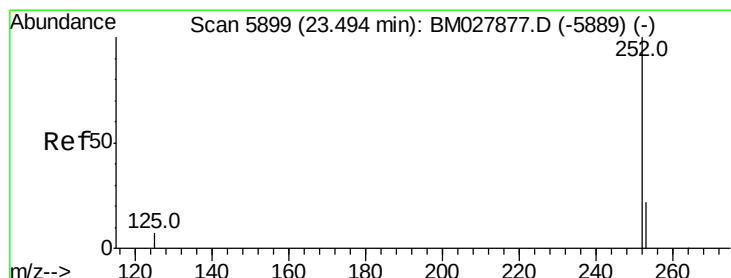
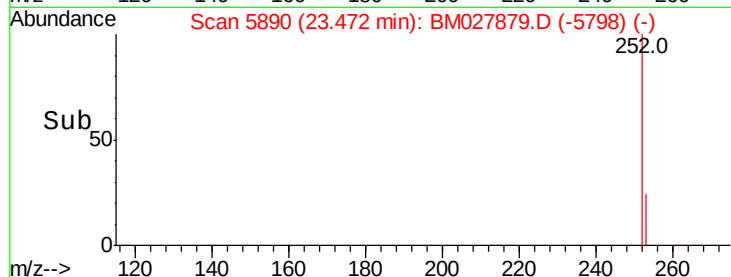
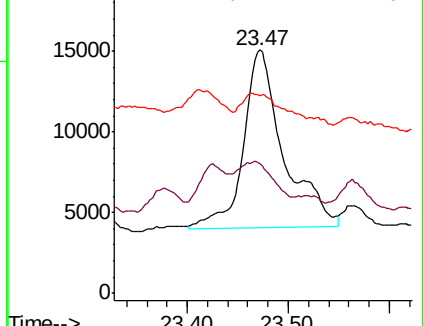
125 81.0 0.0 28.4#



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: 0.169 ng/ul

RT: 23.57 min Scan# 5929

Delta R.T. 0.07 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

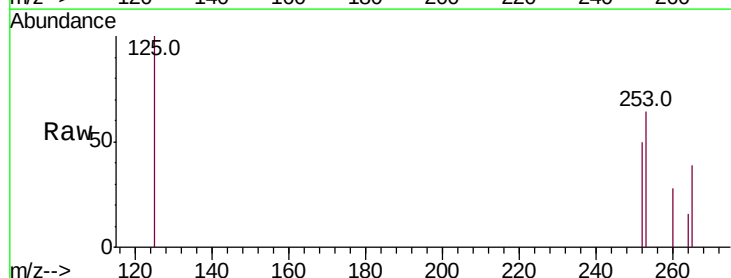
Tgt Ion:252 Resp: 1981

Ion Ratio Lower Upper

252 100

253 126.6 23.2 34.8#

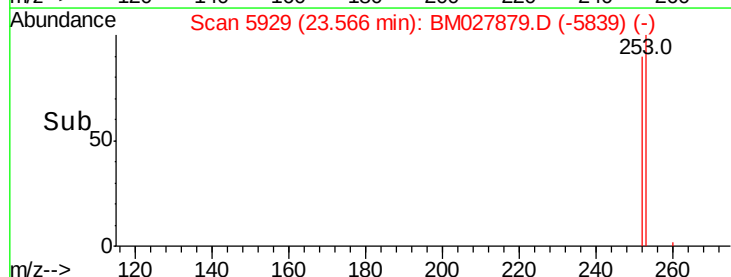
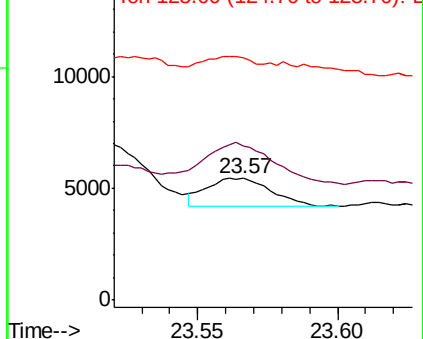
125 199.2 11.8 17.6#

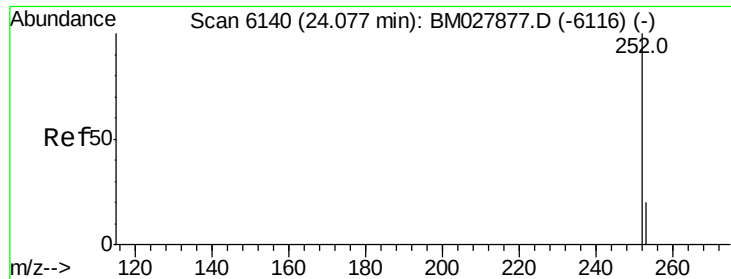


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.070 ng/ul

RT: 24.11 min Scan# 6154

Delta R.T. 0.03 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

Instrument :

BNA_M

ClientSampleId :

C0AD0

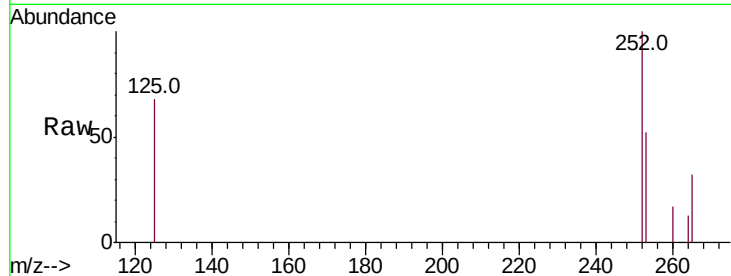
Tot Ion:252 Resp: 21640

Ion Ratio Lower Upper

252 100

253 51.7 25.2 37.8#

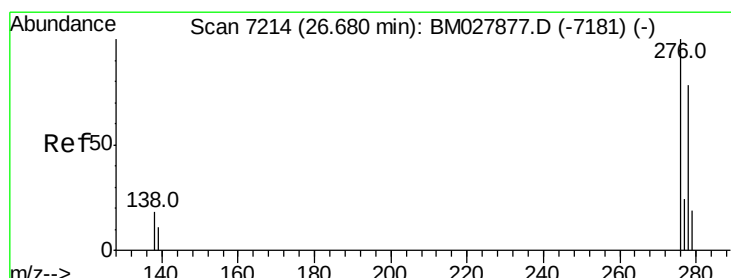
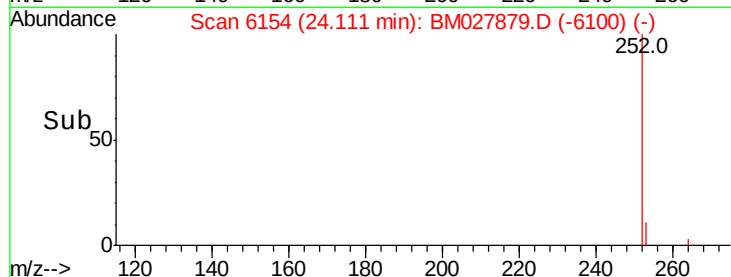
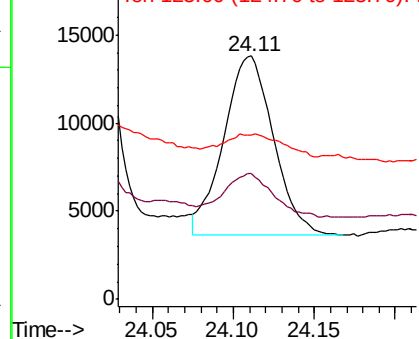
125 67.7 13.8 20.6#



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: 0.818 ng/ul

RT: 26.73 min Scan# 7233

Delta R.T. 0.04 min

Lab File: BM027879.D

Acq: 21 Nov 2020 13:45

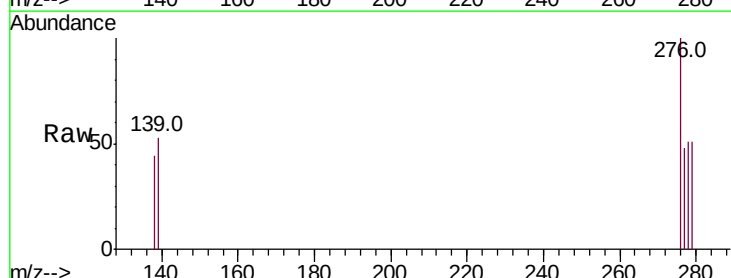
Tgt Ion:276 Resp: 9259

Ion Ratio Lower Upper

276 100

138 20.8 15.7 23.5

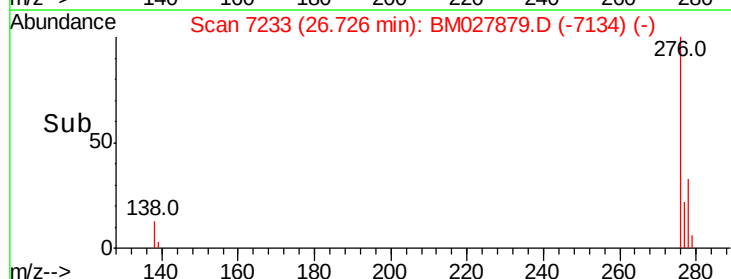
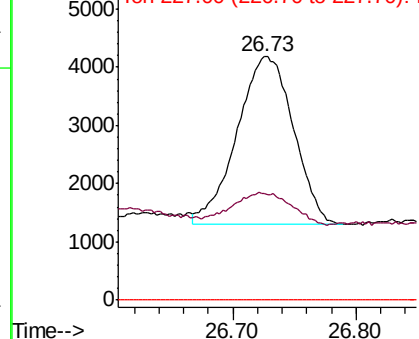
227 0.0 0.0 0.0

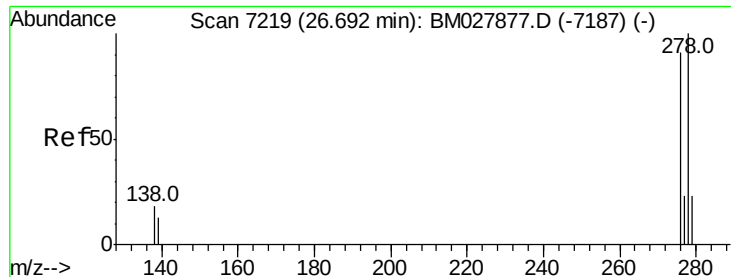


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

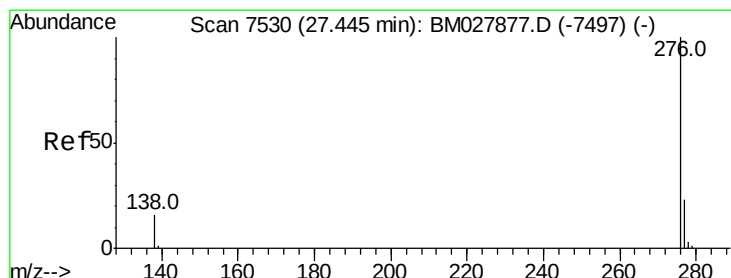
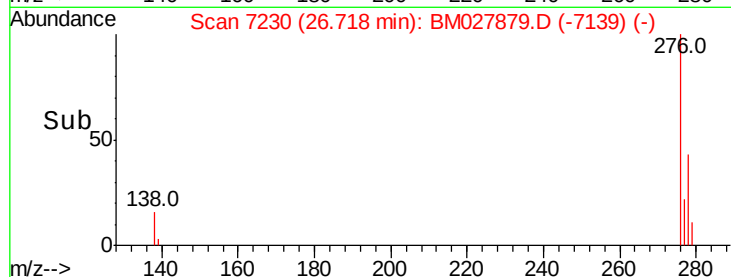
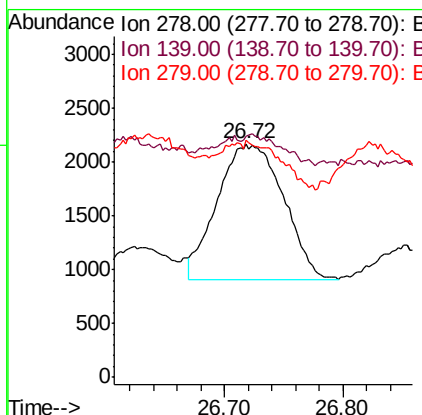
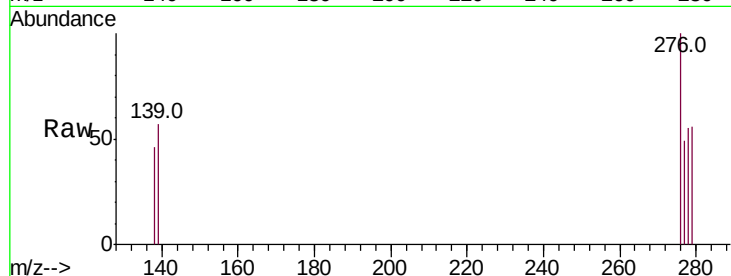




#25
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 26.72 min Scan# 7230
Delta R.T. 0.02 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion:278 Resp: 4838
Ion Ratio Lower Upper
278 100
139 103.3 14.8 22.2#
279 101.8 25.8 38.6#



#26
Benzo(g,h,i)perylene
Concen: 1.877 ng/ul
RT: 27.51 min Scan# 7555
Delta R.T. 0.04 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:276 Resp: 17821
Ion Ratio Lower Upper
276 100
138 29.5 17.4 26.2#
277 37.7 22.5 33.7#

