

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027885.D
 Acq On : 21 Nov 2020 17:30
 Operator : JU/CG
 Sample : L4711-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B33

Quant Time: Nov 23 04:06:26 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 04:04:52 2020
 Response via : Initial Calibration

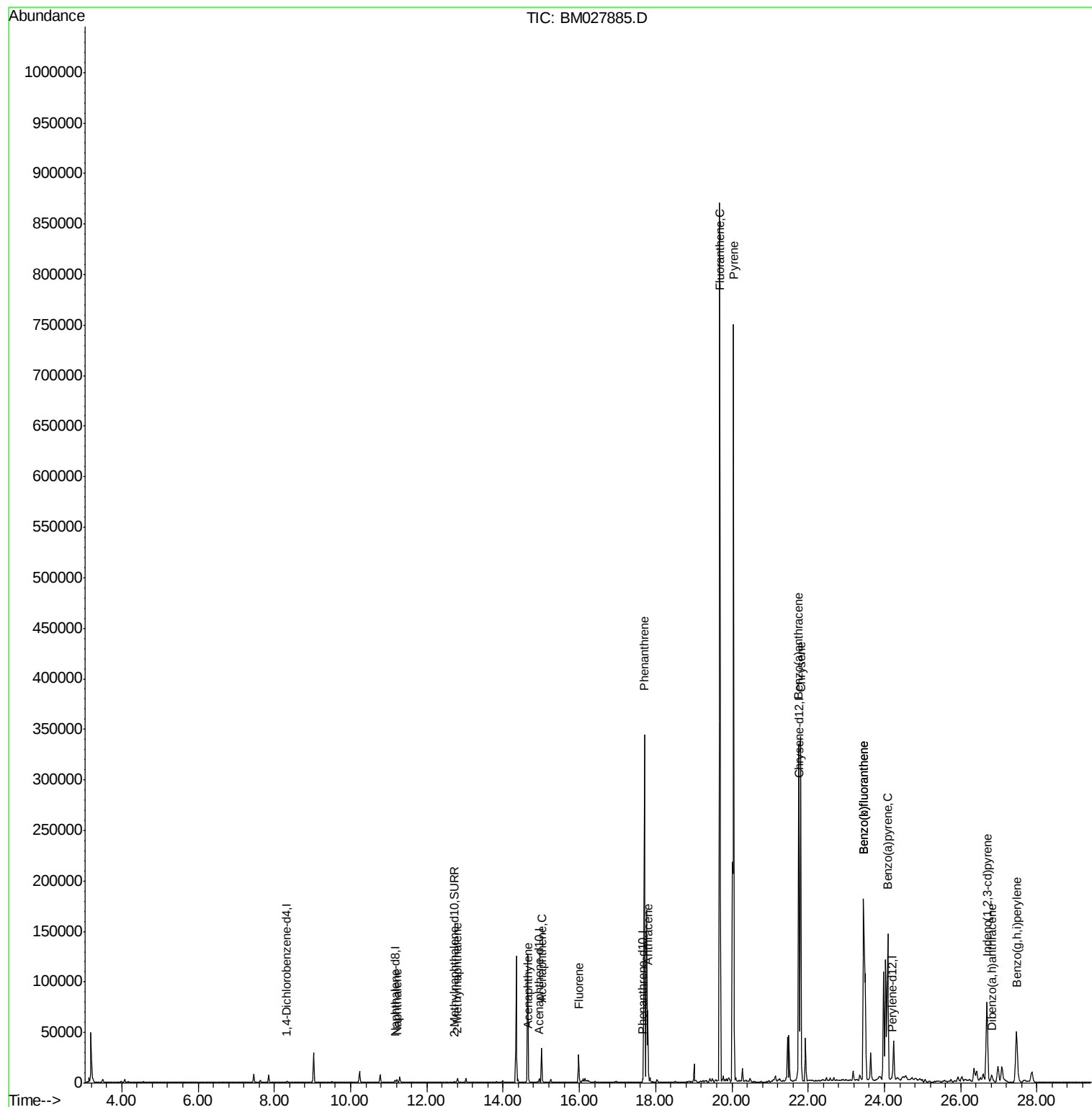
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	739	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2069	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4521	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3868	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	3640	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	930	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.58	212	231	0.02	ng/ul	-0.07
Target Compounds					Ovalue	
3) Naphthalene	11.22	128	4113	0.446	ng/ul	99
5) 2-Methylnaphthalene	12.80	142	2766	0.441	ng/ul	99
7) Acenaphthylene	14.68	152	1847	0.183	ng/ul#	91
8) Acenaphthene	15.01	153	19434	2.569	ng/ul	99
9) Fluorene	15.98	166	16980	1.935	ng/ul	99
12) Phenanthrene	17.70	178	349693	24.486	ng/ul	97
13) Anthracene	17.79	178	71948	5.223	ng/ul	98
15) Fluoranthene	19.68	202	736925	46.537	ng/ul	99
17) Pyrene	20.04	202	622691	31.698	ng/ul	98
18) Benzo(a)anthracene	21.75	228	294950	18.899	ng/ul	100
19) Chrysene	21.81	228	319556	21.022	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	453383	29.638	ng/ul	88
22) Benzo(k)fluoranthene	23.45	252	453383	30.264	ng/ul#	88
23) Benzo(a)pyrene	24.08	252	221746	16.579	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	135304	9.343	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.81	278	10681	0.886	ng/ul	99
26) Benzo(a,h,i)perylene	27.46	276	117583	9.678	ng/ul	92

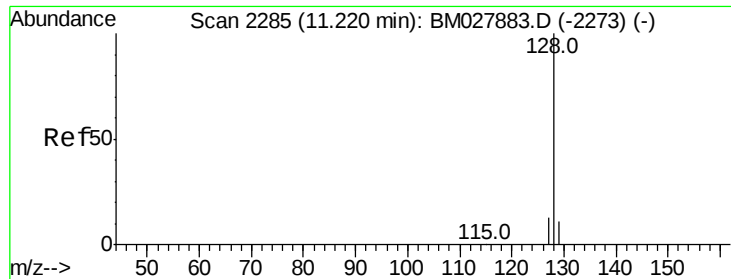
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.446 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

Instrument :

BNA_M

ClientSampleId :

C0B33

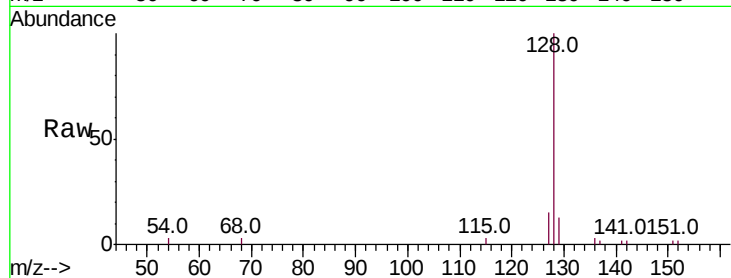
Tot Ion:128 Resp: 4113

Ion Ratio Lower Upper

128 100

129 12.7 10.4 15.6

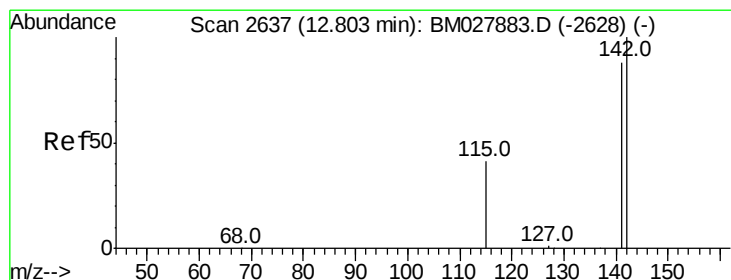
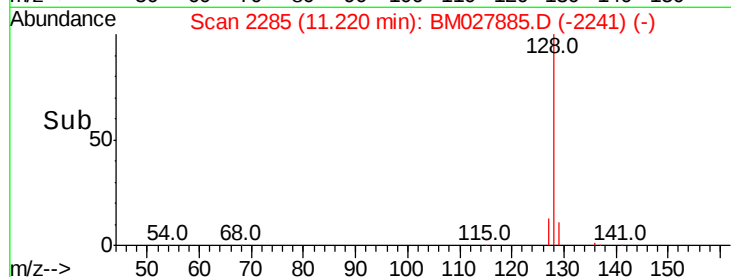
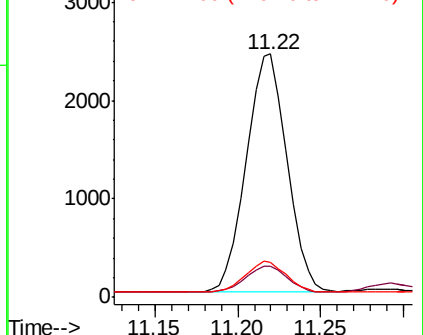
127 14.5 12.0 18.0



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: 0.441 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027885.D

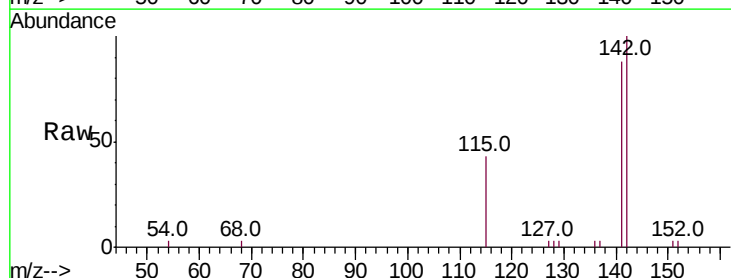
Acq: 21 Nov 2020 17:30

Tgt Ion:142 Resp: 2766

Ion Ratio Lower Upper

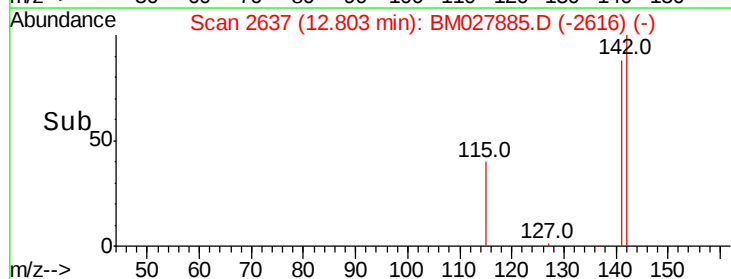
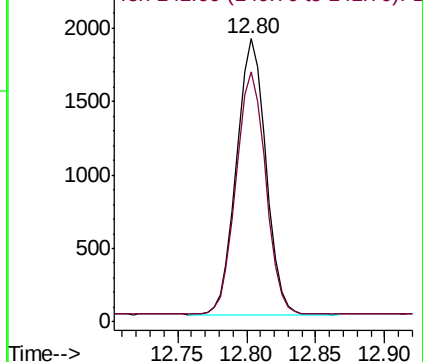
142 100

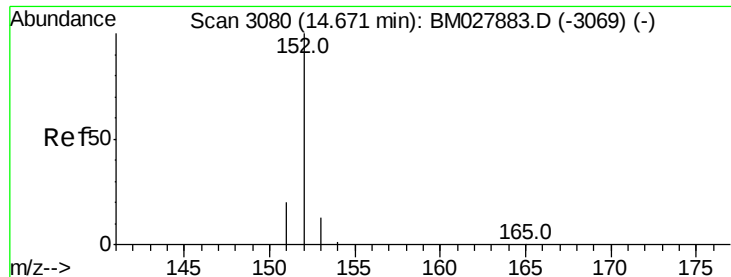
141 88.6 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.183 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

Instrument :

BNA_M

ClientSampleId :

C0B33

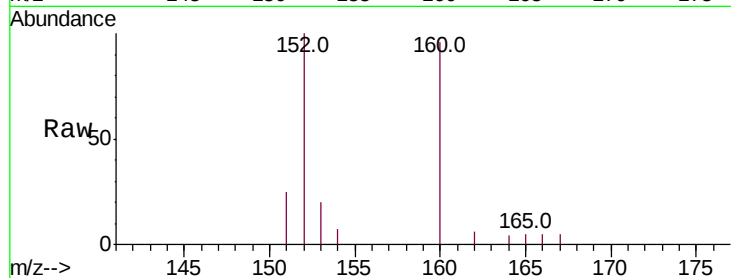
Tot Ion:152 Resp: 1847

Ion Ratio Lower Upper

152 100

151 24.5 17.1 25.7

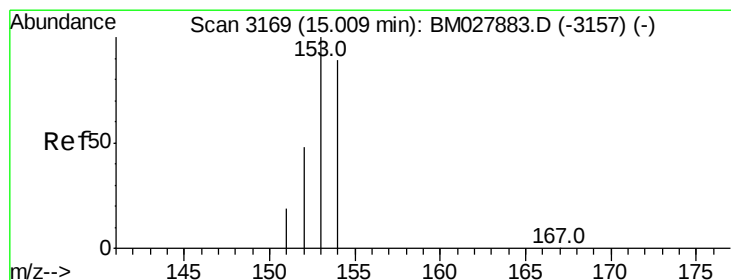
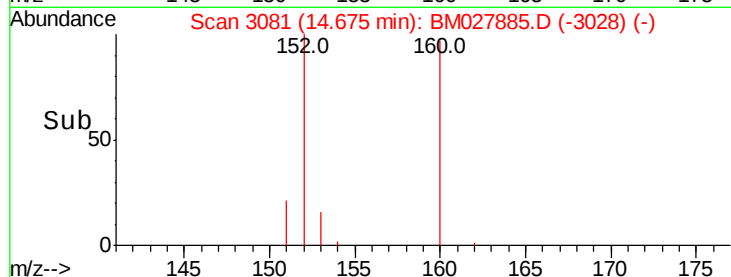
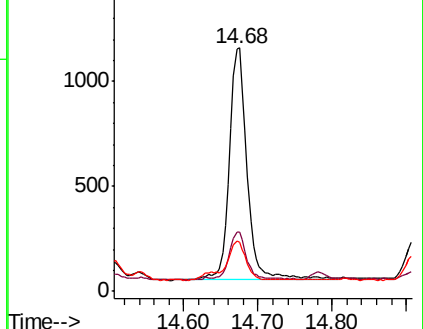
153 20.2 12.0 18.0#



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: 2.569 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

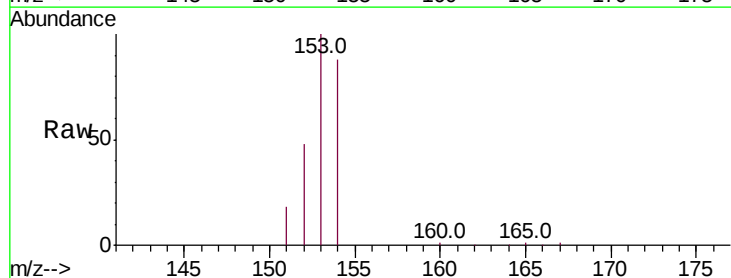
Tgt Ion:153 Resp: 19434

Ion Ratio Lower Upper

153 100

152 47.8 39.0 58.6

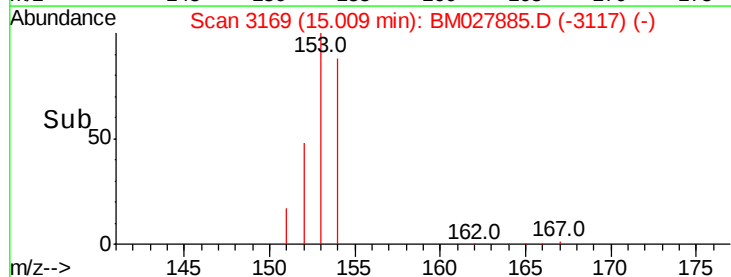
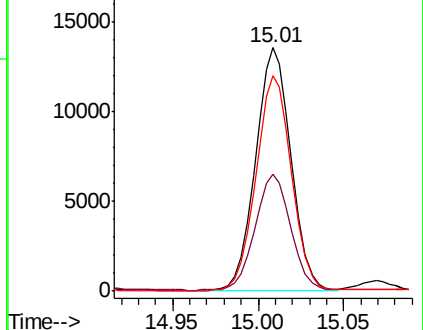
154 88.3 71.6 107.4

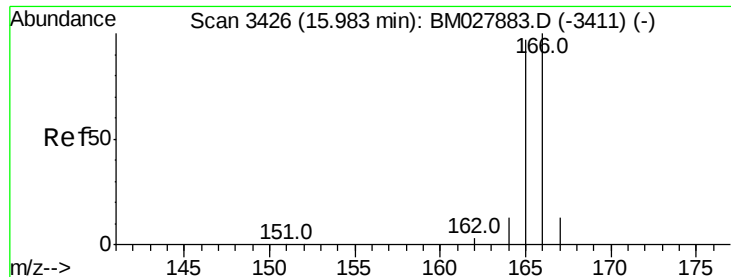


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.935 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

Instrument :

BNA_M

ClientSampleId :

C0B33

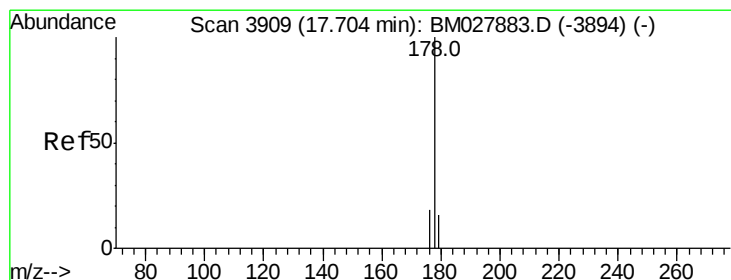
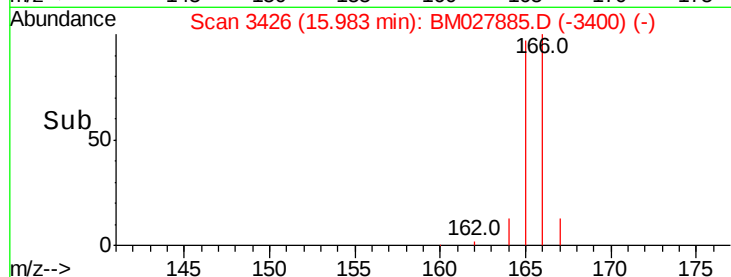
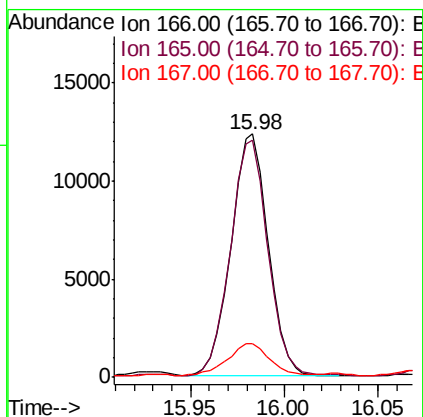
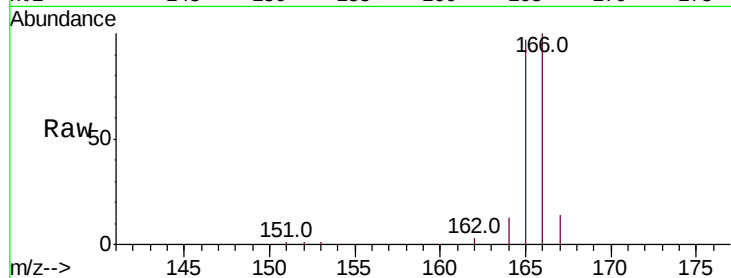
Tot Ion:166 Resp: 16980

Ion Ratio Lower Upper

166 100

165 97.3 78.1 117.1

167 14.0 11.8 17.8



#12

Phenanthrene

Concen: 24.486 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

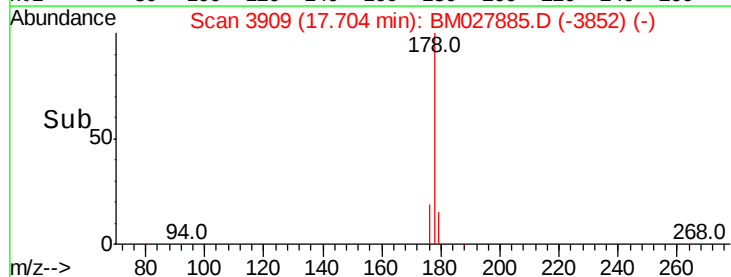
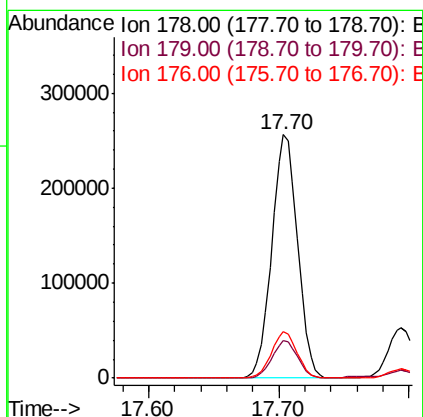
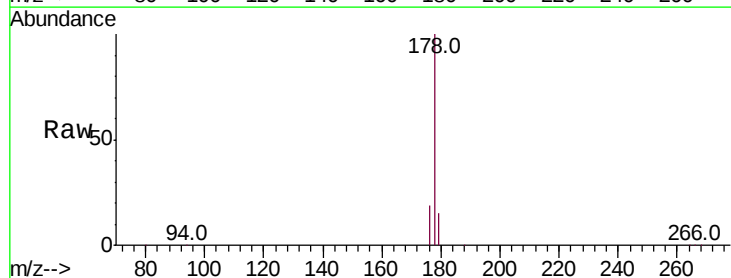
Tgt Ion:178 Resp: 349693

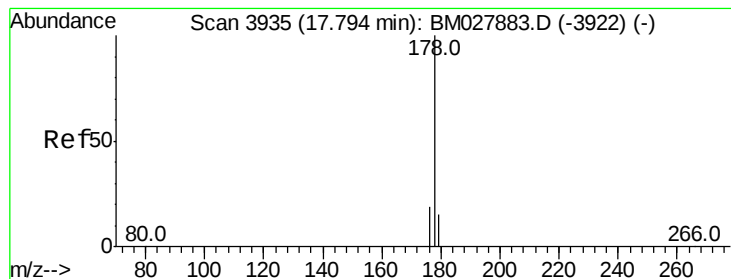
Ion Ratio Lower Upper

178 100

179 15.3 13.6 20.4

176 18.9 16.1 24.1





#13

Anthracene

Concen: 5.223 ng/ul

RT: 17.79 min Scan# 3935

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

Instrument :

BNA_M

ClientSampleId :

C0B33

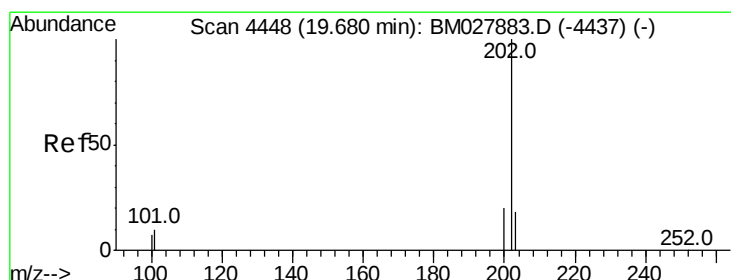
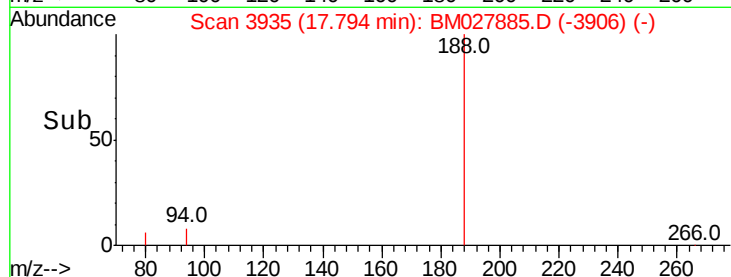
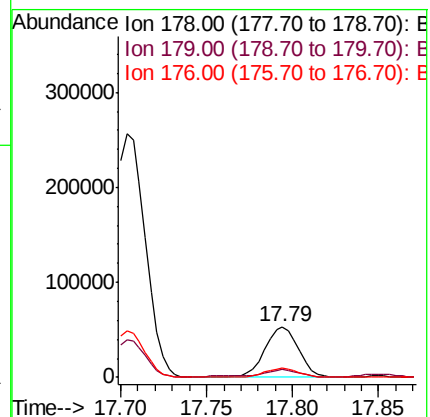
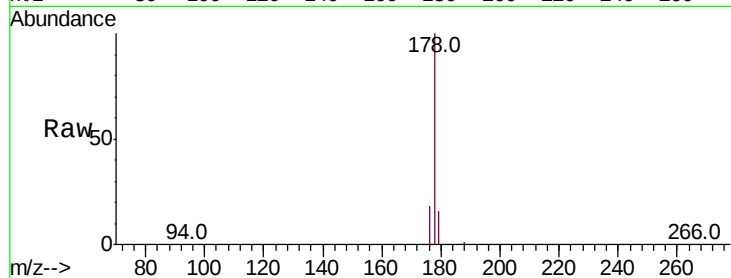
Tot Ion:178 Resp: 71948

Ion Ratio Lower Upper

178 100

179 15.5 13.4 20.2

176 18.2 15.0 22.6



#15

Fluoranthene

Concen: 46.537 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

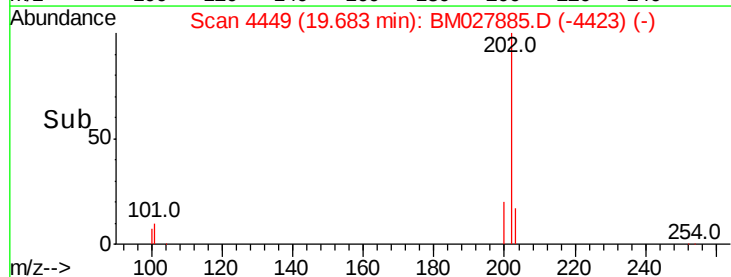
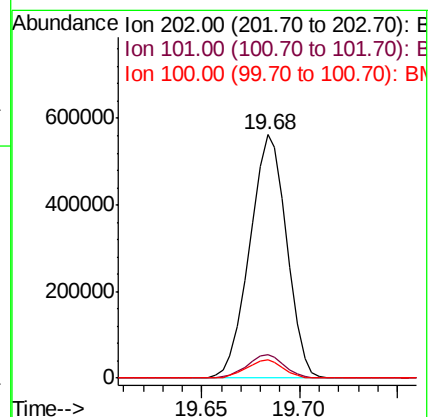
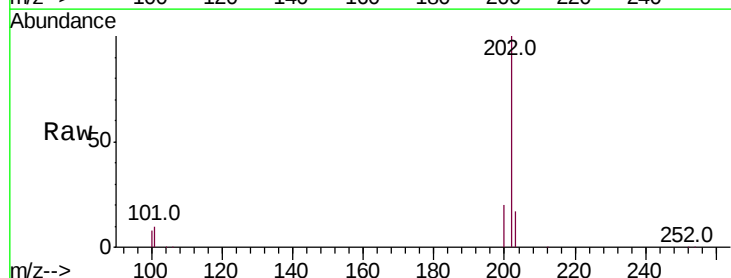
Tgt Ion:202 Resp: 736925

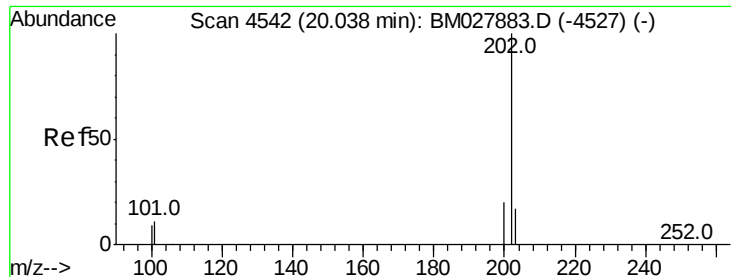
Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.3

100 7.5 0.0 27.4





#17

Pvrene

Concen: 31.698 ng/ul

RT: 20.04 min Scan# 4543

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

Instrument :

BNA_M

ClientSampleId :

C0B33

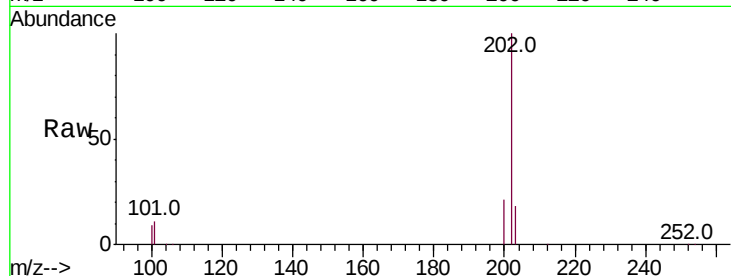
Tot Ion:202 Resp: 622691

Ion Ratio Lower Upper

202 100

101 11.0 8.2 12.2

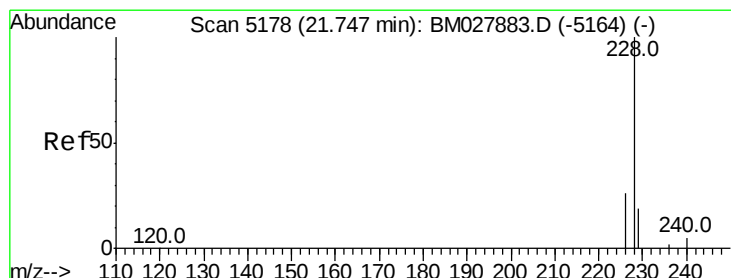
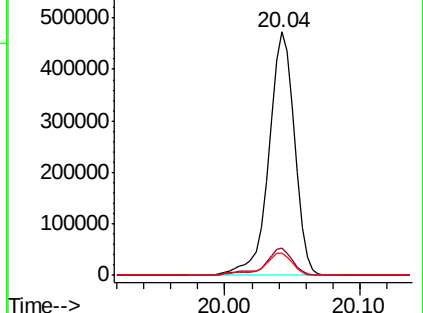
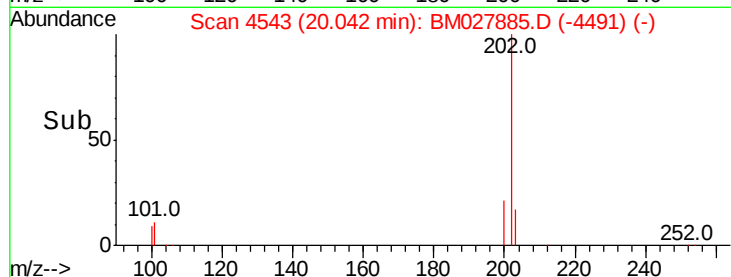
100 9.2 6.9 10.3



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: 18.899 ng/ul

RT: 21.75 min Scan# 5180

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

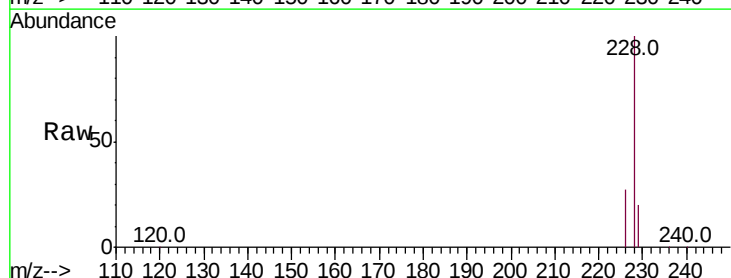
Tgt Ion:228 Resp: 294950

Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.4

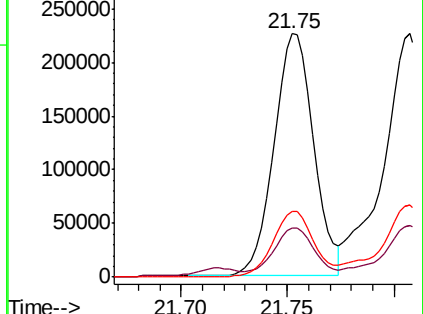
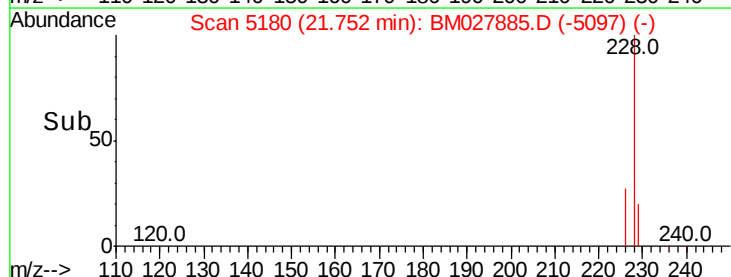
226 27.0 21.5 32.3

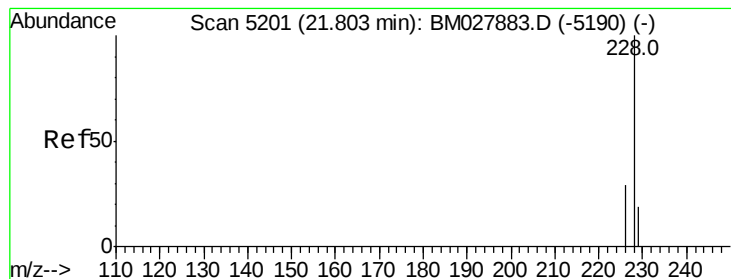


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 21.022 ng/ul

RT: 21.81 min Scan# 5203

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

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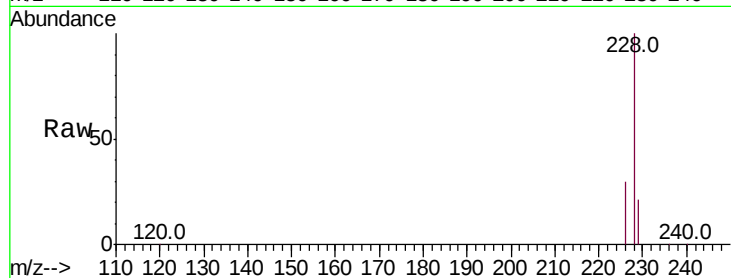
Tot Ion:228 Resp: 319556

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

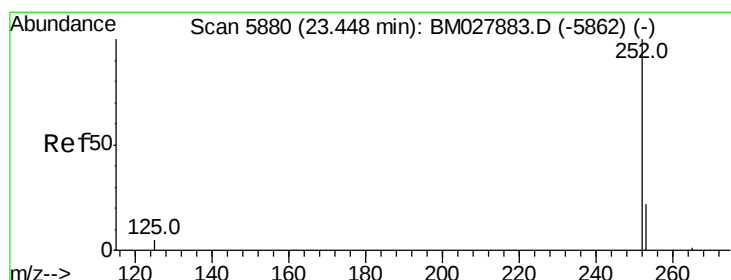
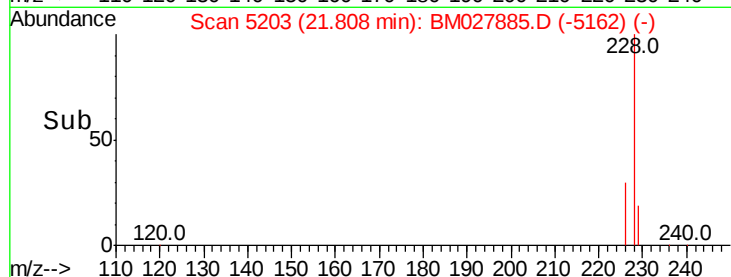
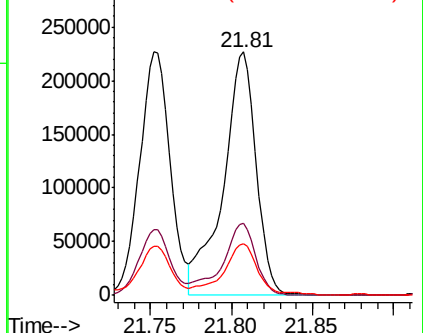
229 21.4 16.6 24.8



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: 29.638 ng/ul

RT: 23.45 min Scan# 5883

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

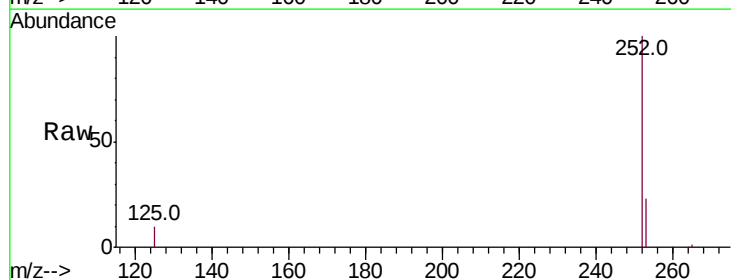
Tgt Ion:252 Resp: 453383

Ion Ratio Lower Upper

252 100

253 22.8 0.0 59.6

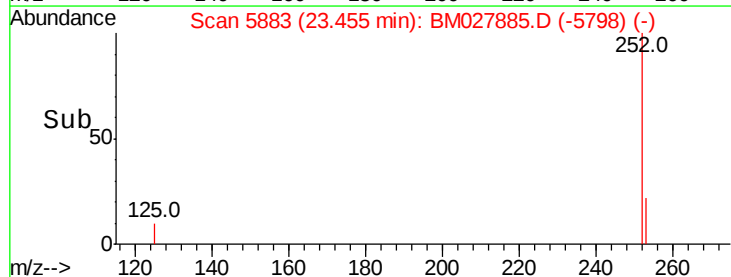
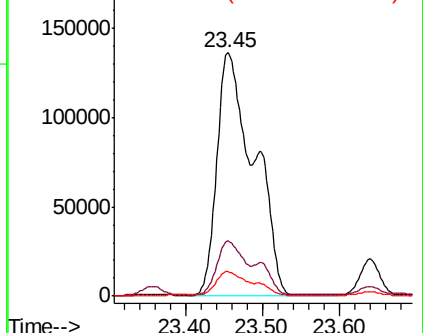
125 10.0 0.0 28.4

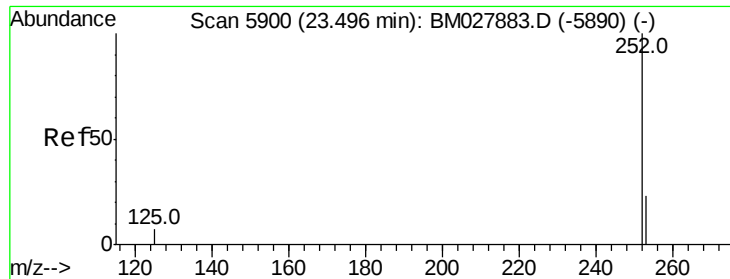


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 30.264 ng/ul

RT: 23.45 min Scan# 5883

Delta R.T. -0.04 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

Instrument :

BNA_M

ClientSampleId :

C0B33

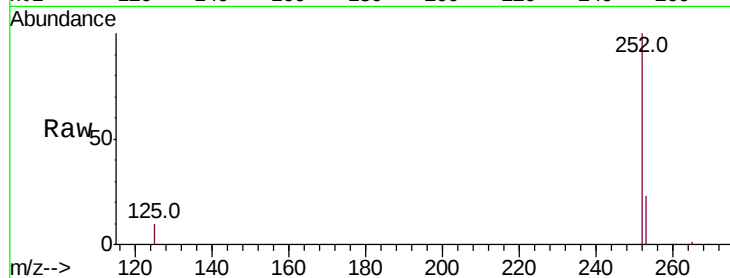
Tot Ion:252 Resp: 453383

Ion Ratio Lower Upper

252 100

253 22.8 23.2 34.8#

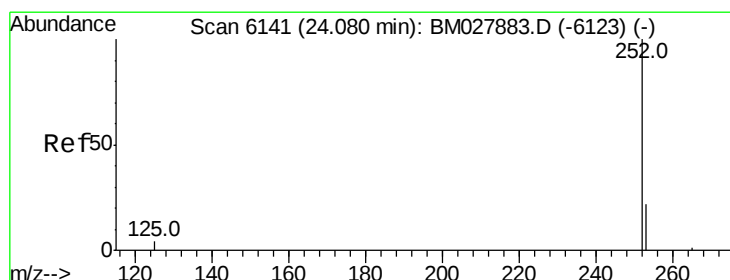
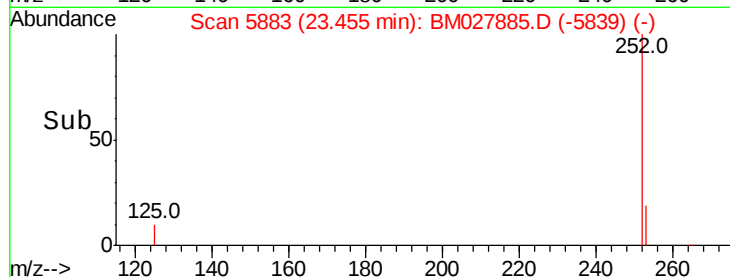
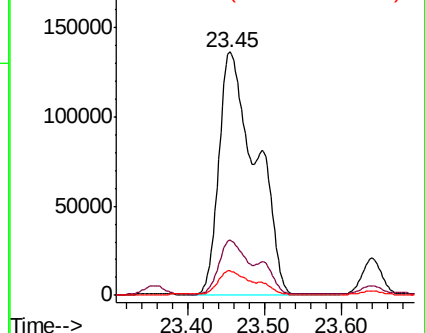
125 10.0 11.8 17.6#



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: 16.579 ng/ul

RT: 24.08 min Scan# 6143

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

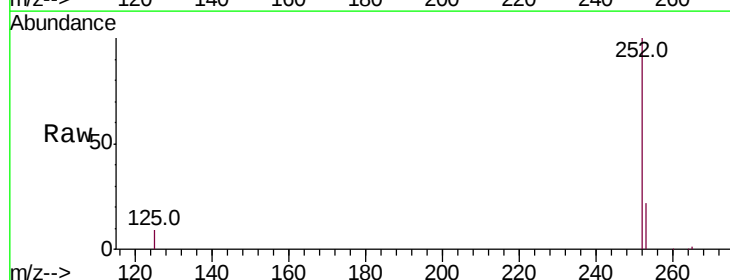
Tgt Ion:252 Resp: 221746

Ion Ratio Lower Upper

252 100

253 22.3 25.2 37.8#

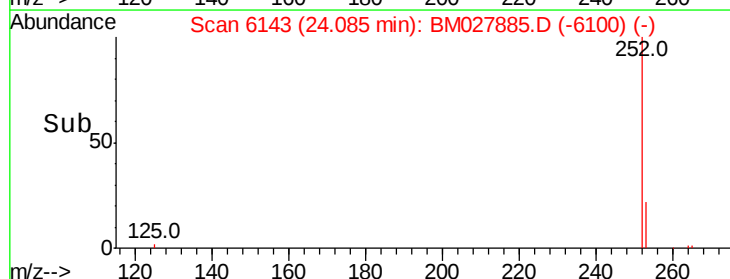
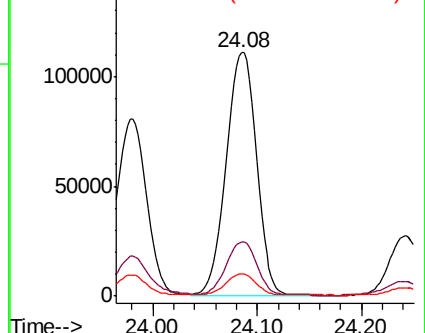
125 9.1 13.8 20.6#

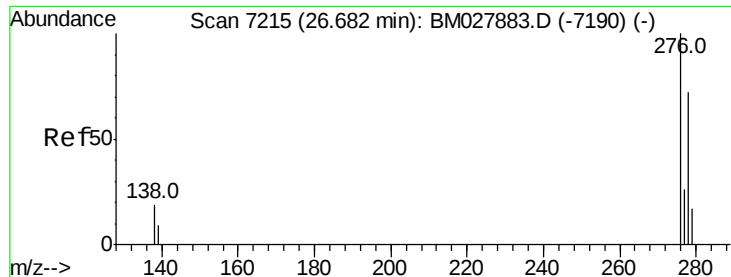


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



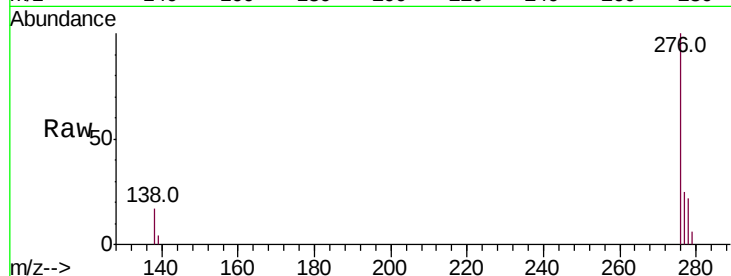


#24

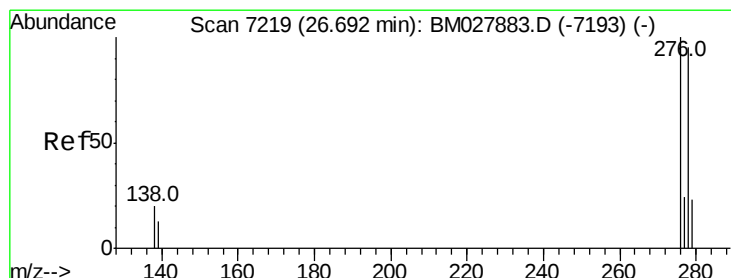
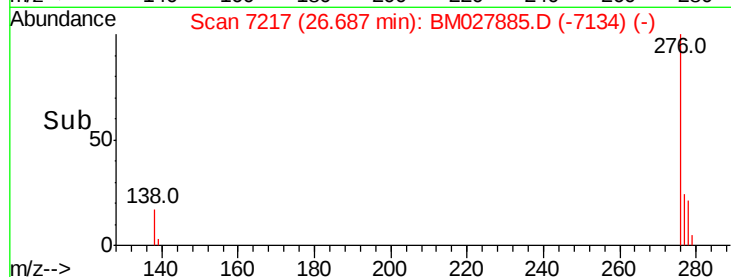
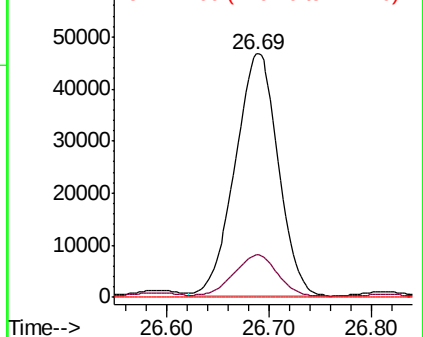
Indeno(1,2,3-cd)pyrene
Concen: 9.343 ng/u1
RT: 26.69 min Scan# 7217
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Instrument :
BNA_M
ClientSampleId :
C0B33

Tot Ion:276 Resp: 135304
Ion Ratio Lower Upper
276 100
138 17.4 15.7 23.5
227 0.0 0.0 0.0



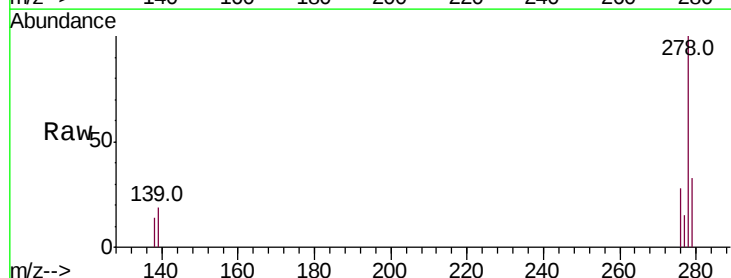
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



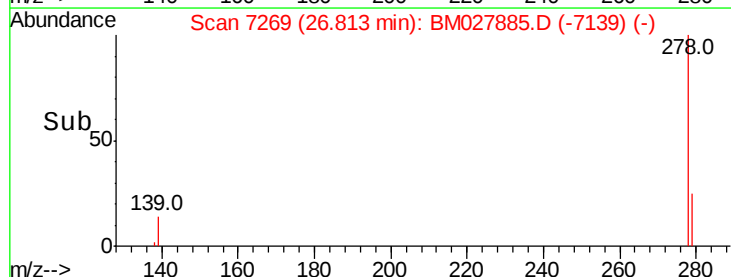
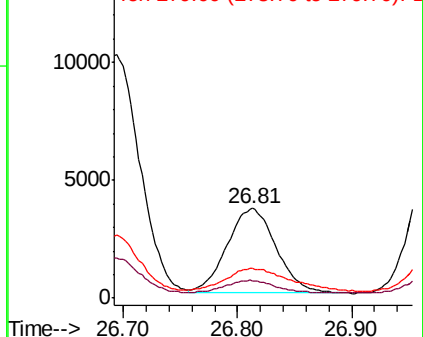
#25

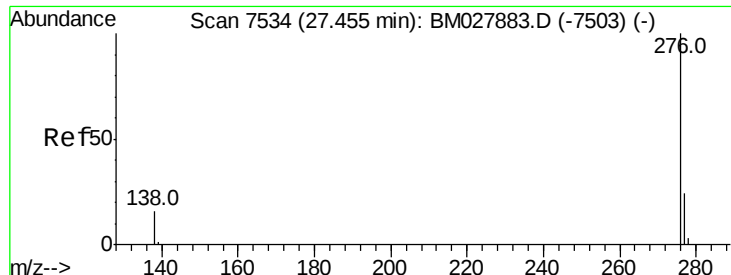
Dibenzo(a,h)anthracene
Concen: 0.886 ng/u1
RT: 26.81 min Scan# 7269
Delta R.T. 0.11 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:278 Resp: 10681
Ion Ratio Lower Upper
278 100
139 18.7 14.8 22.2
279 33.1 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(a,h,i)perylene

Concen: 9.678 ng/ul

RT: 27.46 min Scan# 7538

Delta R.T. 0.00 min

Lab File: BM027885.D

Acq: 21 Nov 2020 17:30

Instrument :

BNA_M

ClientSampleId :

C0B33

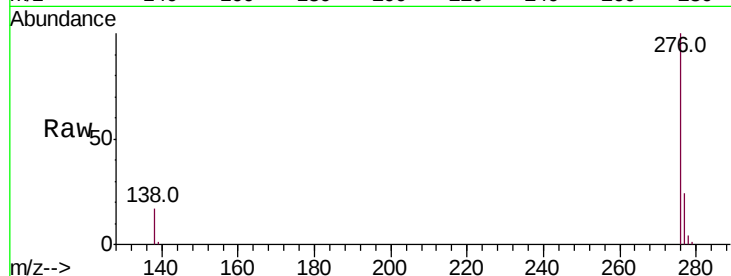
Tot Ion:276 Resp: 117583

Ion Ratio Lower Upper

276 100

138 17.5 17.4 26.2

277 24.3 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

