

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027982.D
 Acq On : 26 Nov 2020 02:51
 Operator : JU/CG
 Sample : L4749-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B13

Quant Time: Nov 26 05:12:52 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 : Wed Nov 25 10:43:32 2020
 Response via : Initial Calibration

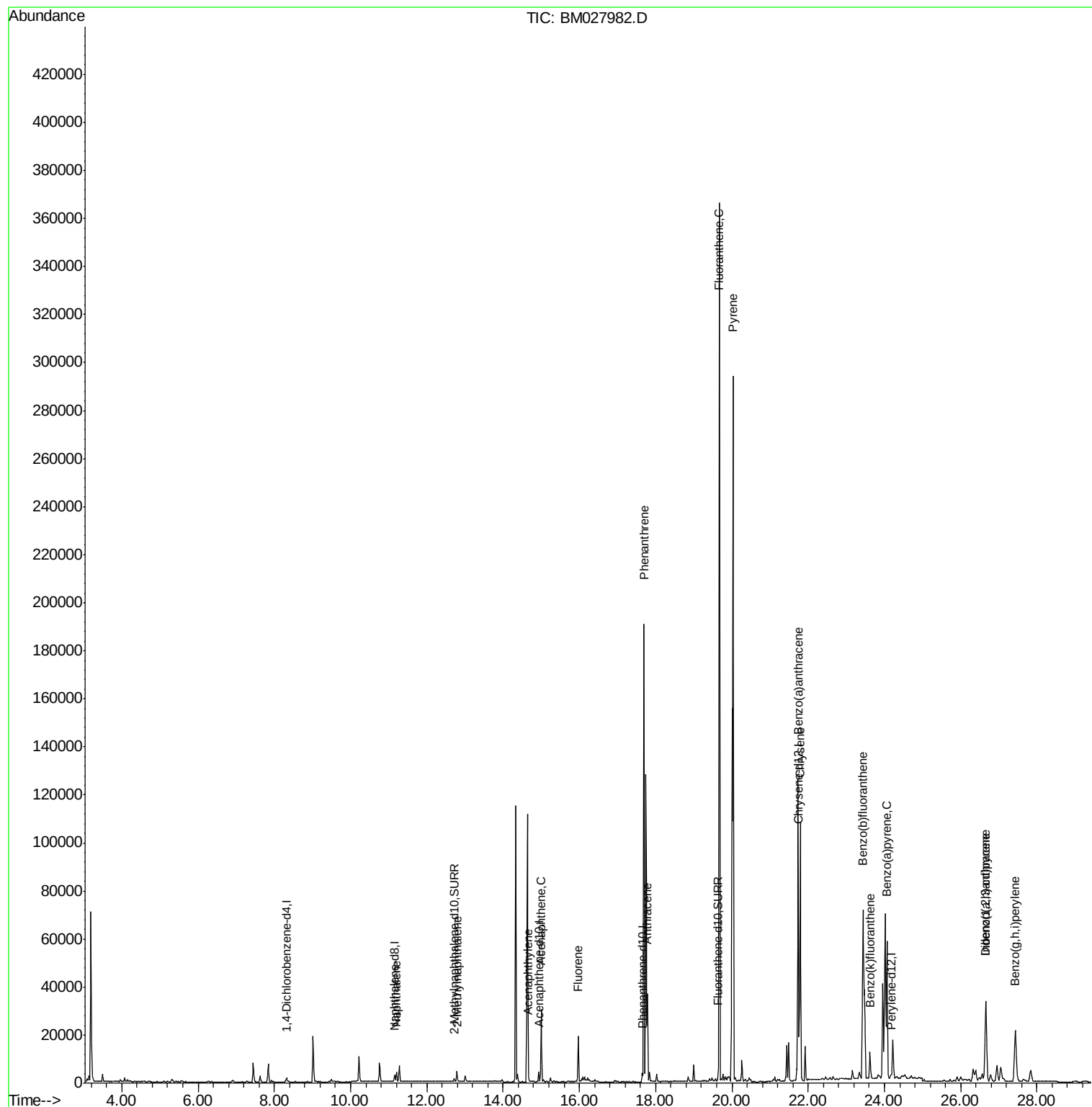
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	910	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	3759	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2246	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4273	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	2513	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2304	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1525	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	2700	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.20	128	5496	0.488	ng/ul	99
5) 2-Methylnaphthalene	12.79	142	2698	0.352	ng/ul	99
7) Acenaphthylene	14.66	152	2903	0.265	ng/ul	97
8) Acenaphthene	15.00	153	16849	2.052	ng/ul	99
9) Fluorene	15.97	166	11801	1.239	ng/ul	100
12) Phenanthrene	17.69	178	195031	14.449	ng/ul	97
13) Anthracene	17.78	178	38470	2.955	ng/ul	98
15) Fluoranthene	19.67	202	310246	20.729	ng/ul	99
17) Pyrene	20.03	202	243465	19.076	ng/ul	98
18) Benzo(a)anthracene	21.74	228	105326	10.388	ng/ul	100
19) Chrysene	21.79	228	104297	10.561	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	169708	17.527	ng/ul	88
22) Benzo(k)fluoranthene	23.62	252	8881	0.937	ng/ul	99
23) Benzo(a)pyrene	24.06	252	84518	9.983	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.66	276	57286	6.250	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.66	278	13820	1.811	ng/ul	94
26) Benzo(a,h,i)perylene	27.43	276	50128	6.518	ng/ul	93

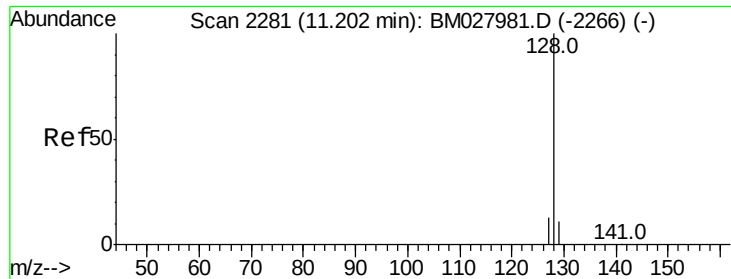
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.488 ng/ul

RT: 11.20 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

Instrument :

BNA_M

ClientSampleId :

C0B13

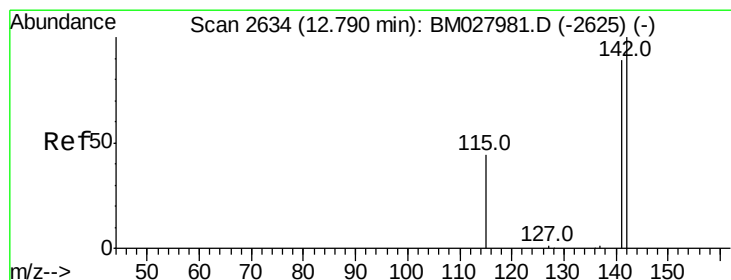
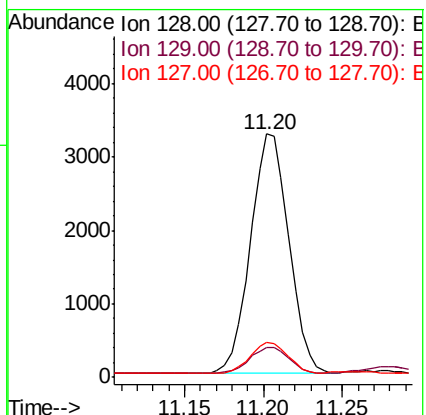
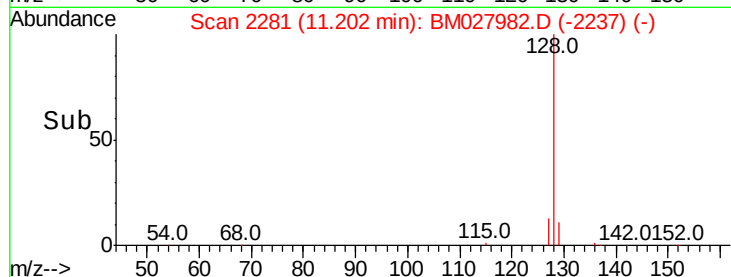
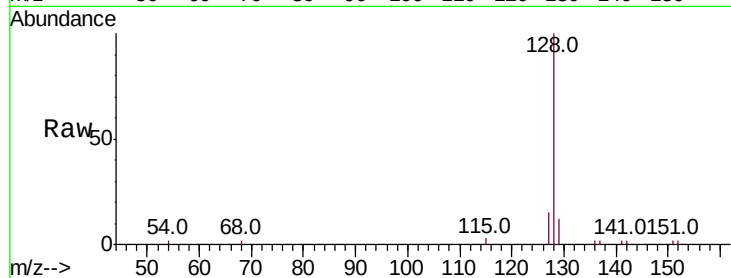
Tot Ion:128 Resp: 5496

Ion Ratio Lower Upper

128 100

129 12.5 10.4 15.6

127 14.6 12.0 18.0



#5

2-Methylnaphthalene

Concen: 0.352 ng/ul

RT: 12.79 min Scan# 2634

Delta R.T. -0.00 min

Lab File: BM027982.D

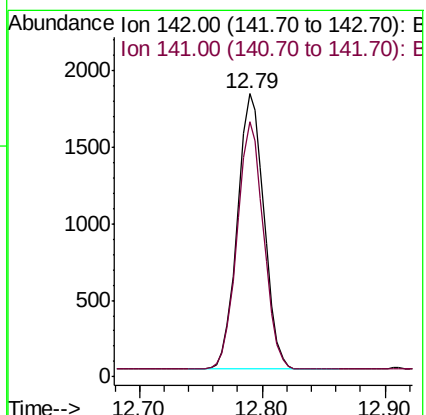
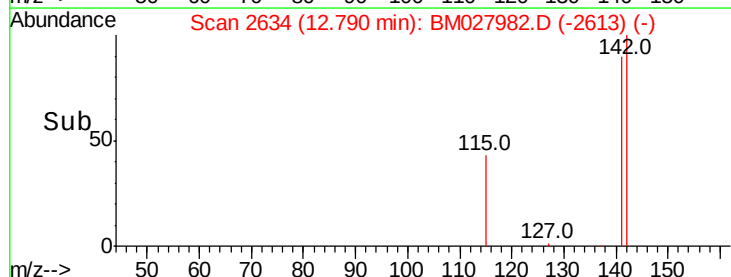
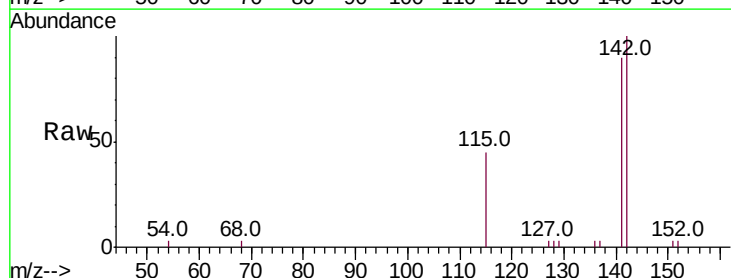
Acq: 26 Nov 2020 02:51

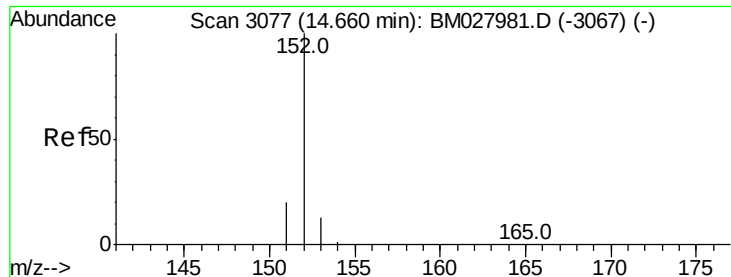
Tgt Ion:142 Resp: 2698

Ion Ratio Lower Upper

142 100

141 89.0 71.6 107.4





#7

Acenaphthylene

Concen: 0.265 ng/ul

RT: 14.66 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

Instrument :

BNA_M

ClientSampleId :

C0B13

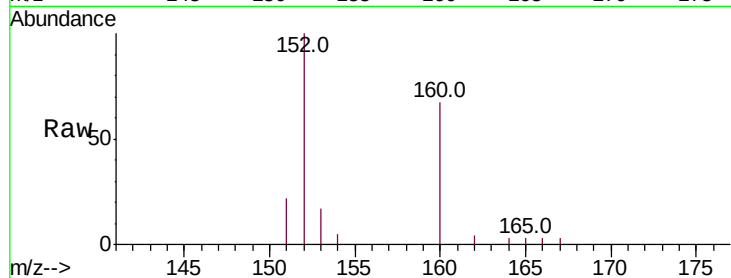
Tot Ion:152 Resp: 2903

Ion Ratio Lower Upper

152 100

151 22.1 17.1 25.7

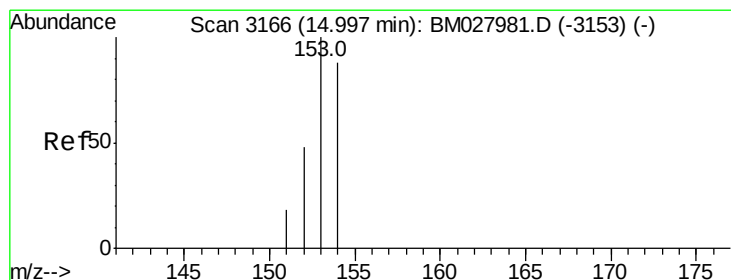
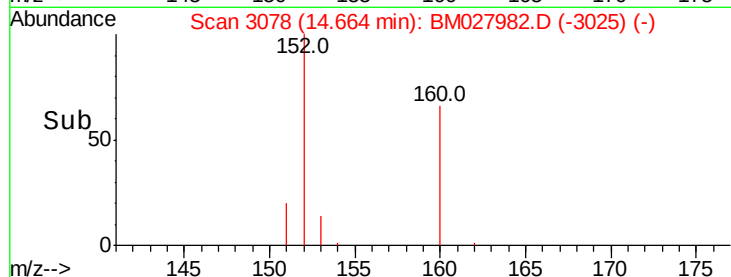
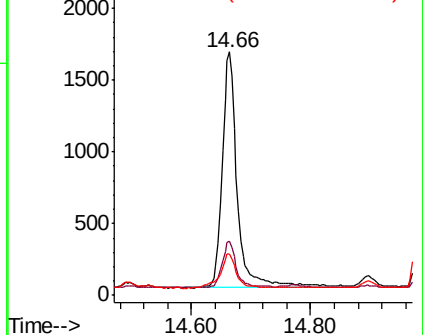
153 16.8 12.0 18.0



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: 2.052 ng/ul

RT: 15.00 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

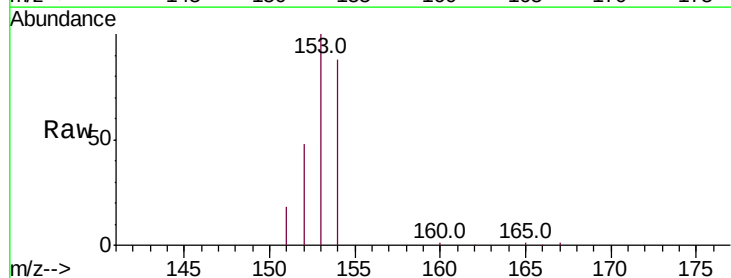
Tgt Ion:153 Resp: 16849

Ion Ratio Lower Upper

153 100

152 47.7 39.0 58.6

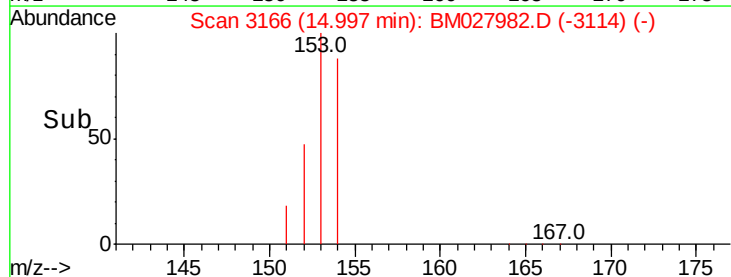
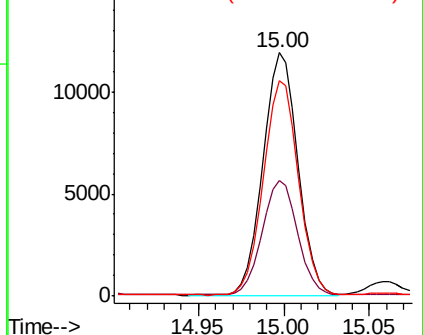
154 88.3 71.6 107.4

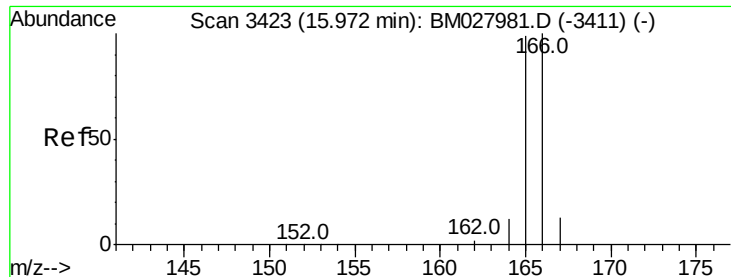


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





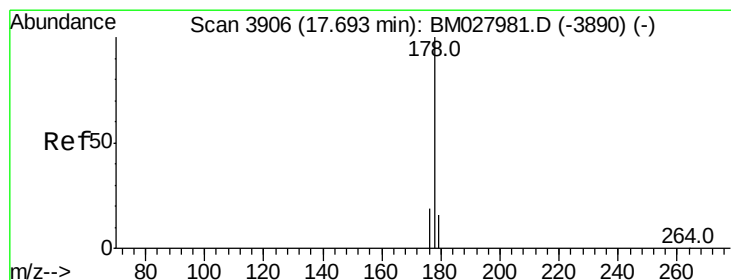
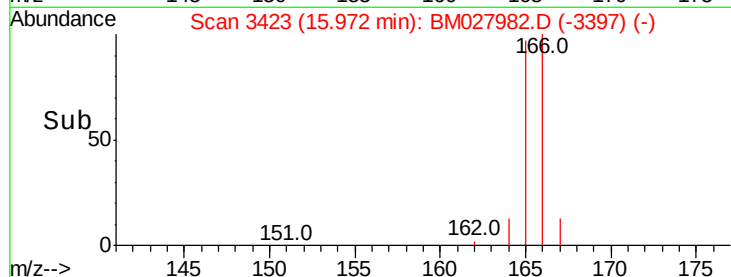
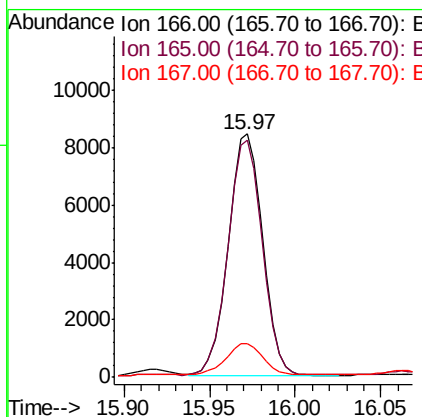
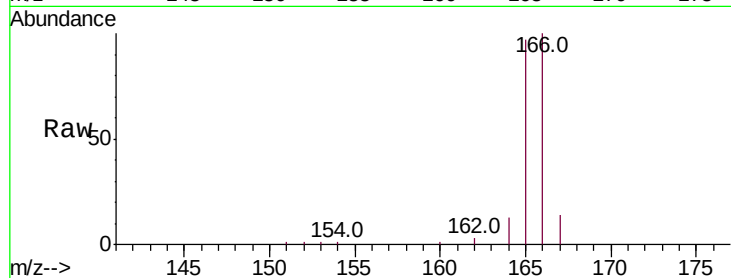
#9

Fluorene

Concen: 1.239 ng/ul
 RT: 15.97 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: BM027982.D
 Acq: 26 Nov 2020 02:51

Instrument :
 BNA_M
 ClientSampleId :
 C0B13

Tot Ion:166 Resp: 11801
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.1 117.1
 167 13.9 11.8 17.8

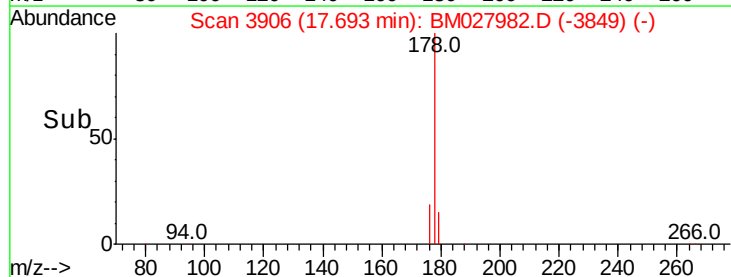
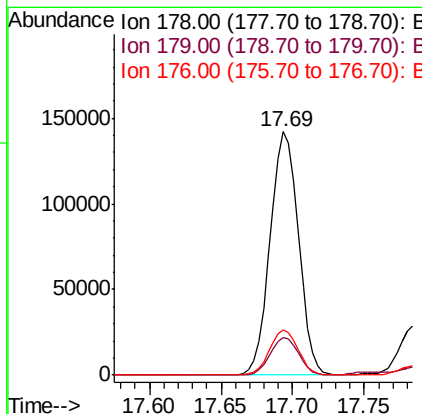
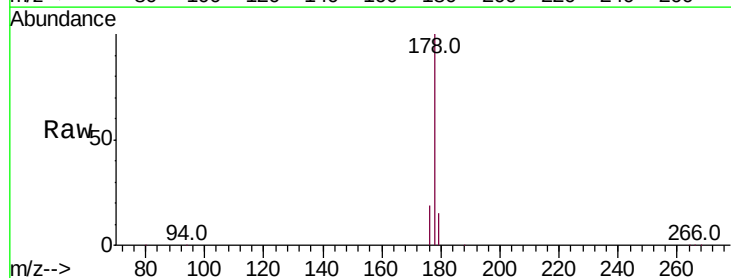


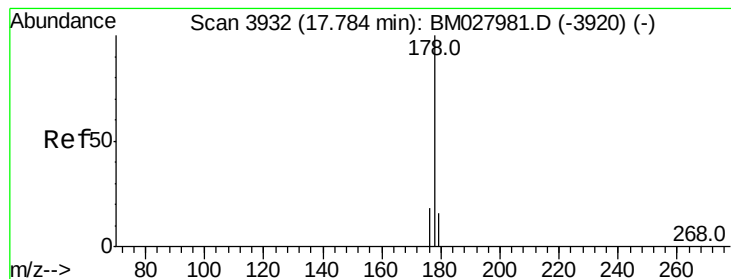
#12

Phenanthrene

Concen: 14.449 ng/ul
 RT: 17.69 min Scan# 3906
 Delta R.T. -0.00 min
 Lab File: BM027982.D
 Acq: 26 Nov 2020 02:51

Tgt Ion:178 Resp: 195031
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.6 20.4
 176 18.8 16.1 24.1





#13

Anthracene

Concen: 2.955 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

Instrument :

BNA_M

ClientSampleId :

C0B13

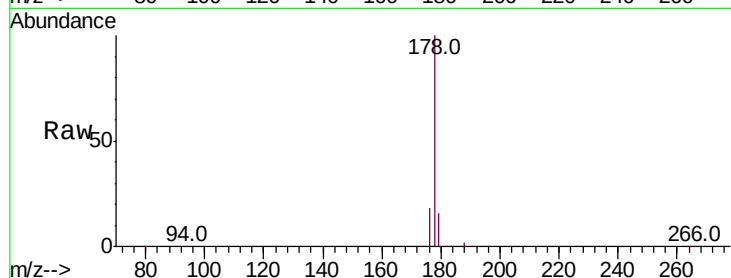
Tot Ion:178 Resp: 38470

Ion Ratio Lower Upper

178 100

179 15.7 13.4 20.2

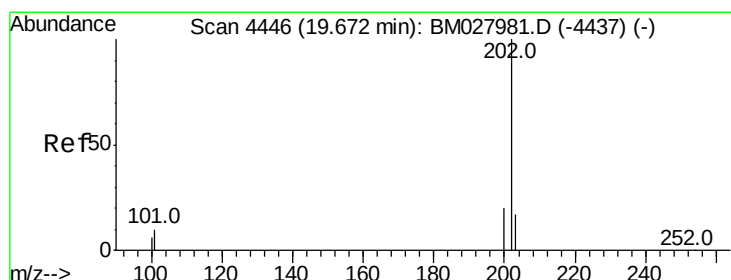
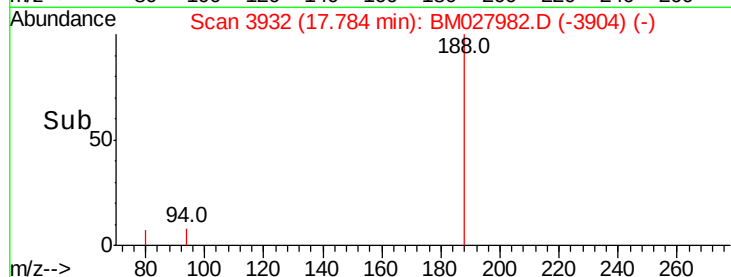
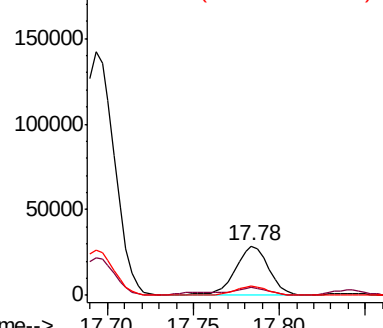
176 18.3 15.0 22.6



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: 20.729 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. 0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

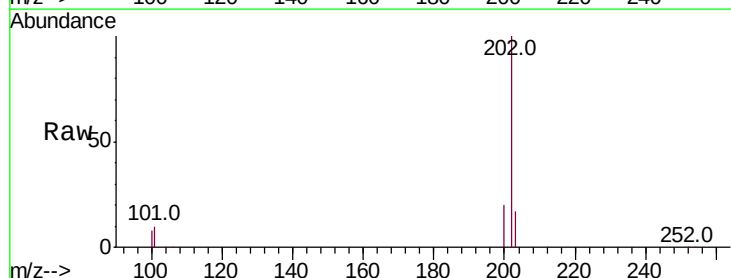
Tgt Ion:202 Resp: 310246

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.3

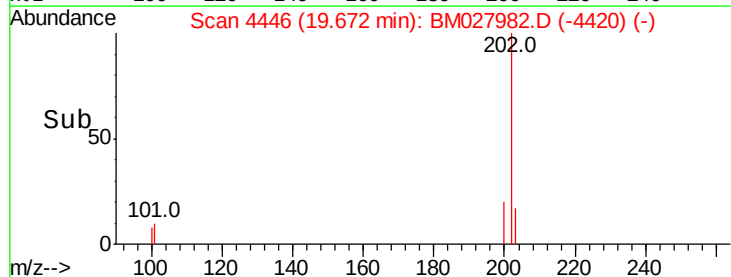
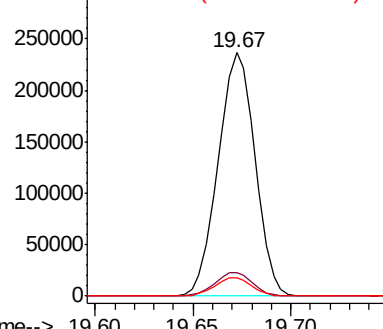
100 7.7 0.0 27.4

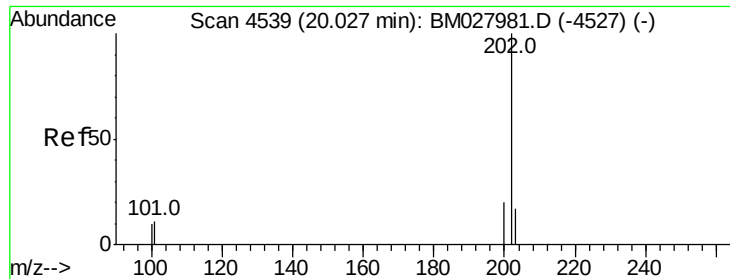


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 19.076 ng/ul

RT: 20.03 min Scan# 4540

Delta R.T. 0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

Instrument :

BNA_M

ClientSampleId :

C0B13

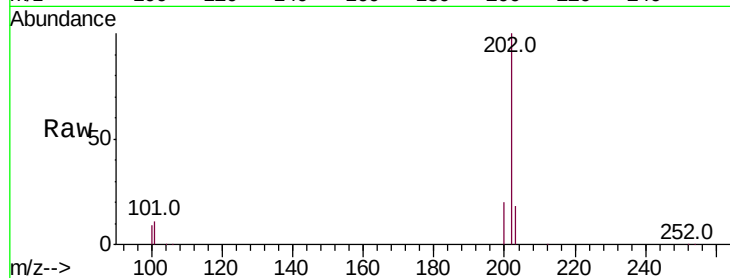
Tot Ion:202 Resp: 243465

Ion Ratio Lower Upper

202 100

101 11.2 8.2 12.2

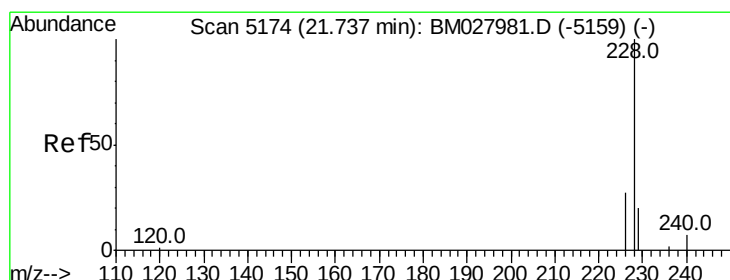
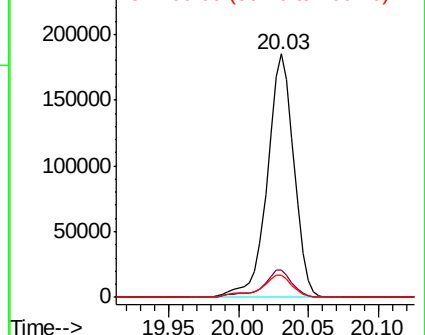
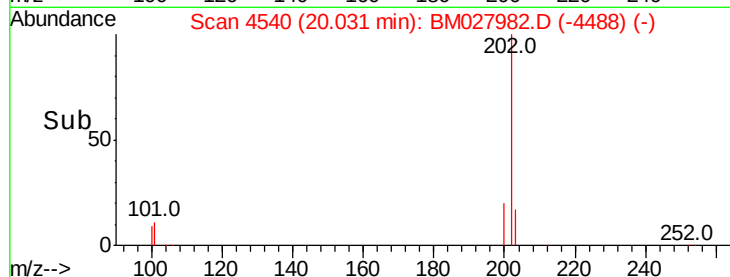
100 9.3 6.9 10.3



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: 10.388 ng/ul

RT: 21.74 min Scan# 5174

Delta R.T. -0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

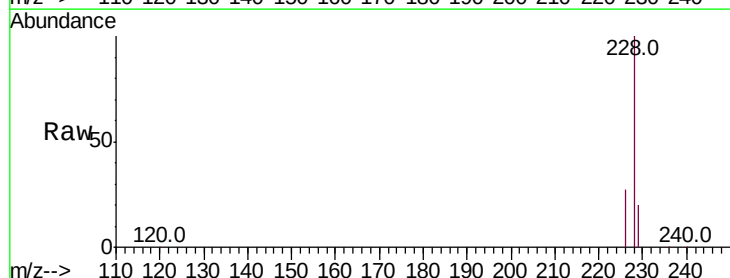
Tgt Ion:228 Resp: 105326

Ion Ratio Lower Upper

228 100

229 20.1 16.2 24.4

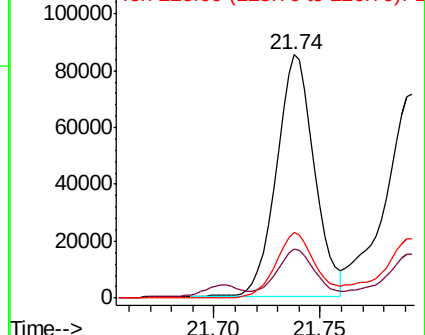
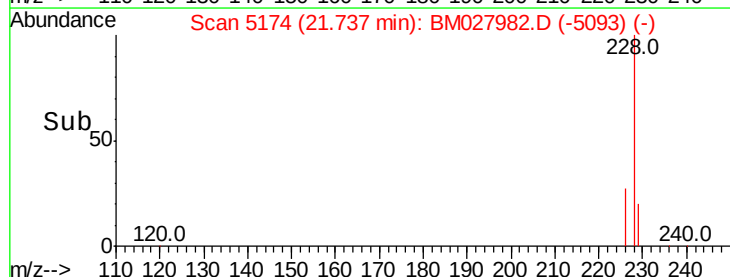
226 26.7 21.5 32.3

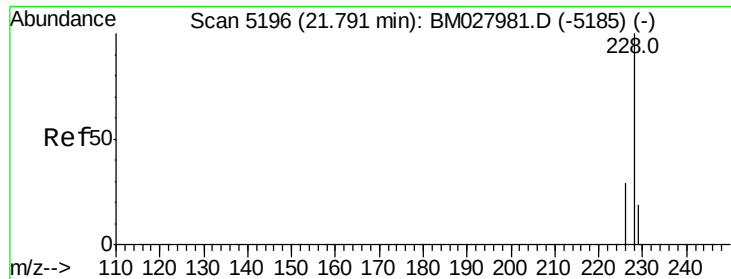


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 10.561 ng/ul

RT: 21.79 min Scan# 5197

Delta R.T. -0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

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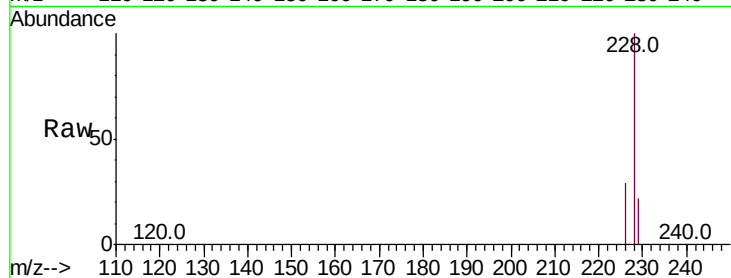
Tot Ion:228 Resp: 104297

Ion Ratio Lower Upper

228 100

226 29.3 24.1 36.1

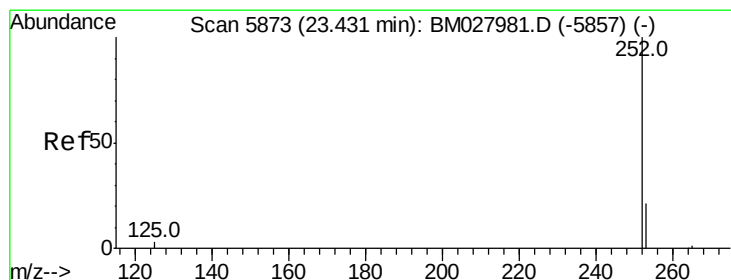
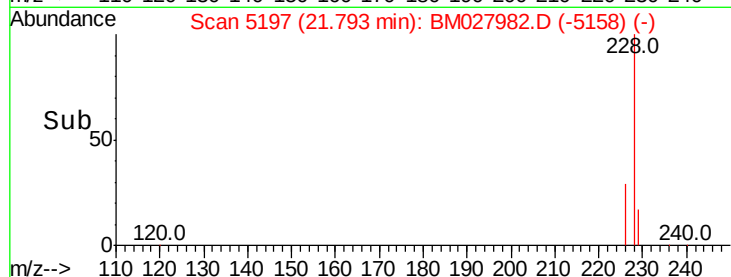
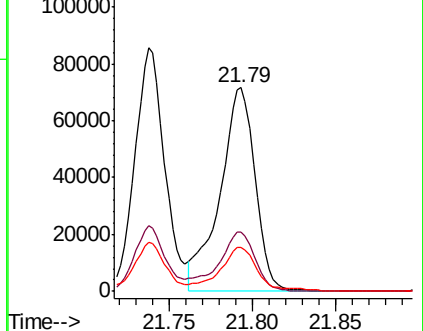
229 21.9 16.6 24.8



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: 17.527 ng/ul

RT: 23.44 min Scan# 5875

Delta R.T. -0.00 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

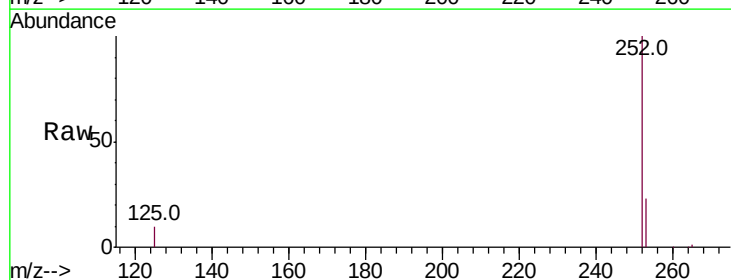
Tgt Ion:252 Resp: 169708

Ion Ratio Lower Upper

252 100

253 22.7 0.0 59.6

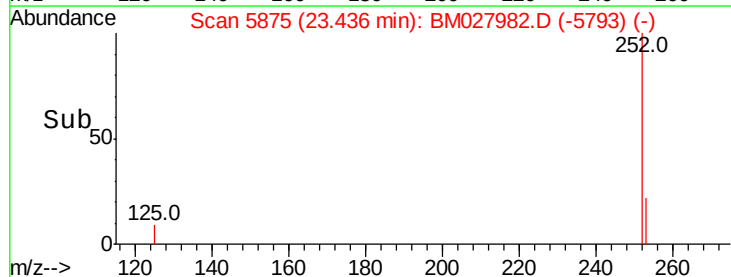
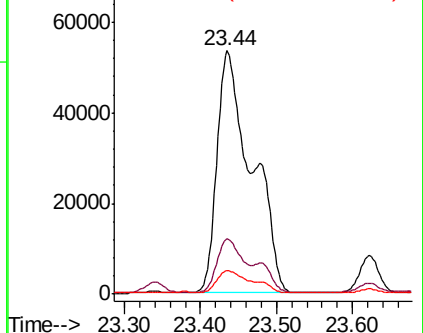
125 9.7 0.0 28.4

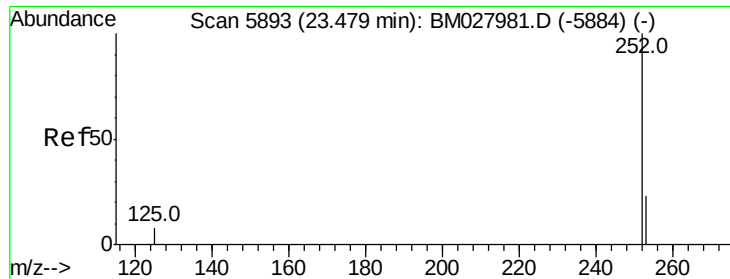


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.937 ng/ul

RT: 23.62 min Scan# 5952

Delta R.T. 0.13 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

Instrument :

BNA_M

ClientSampleId :

C0B13

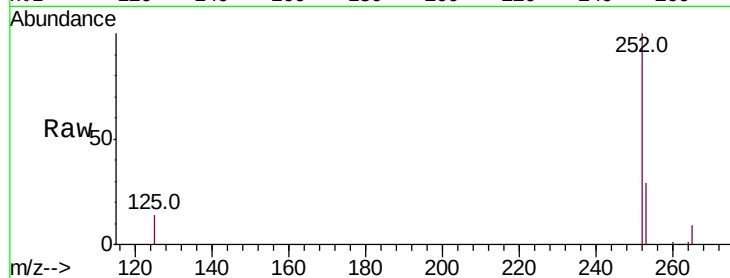
Tot Ion:252 Resp: 8881

Ion Ratio Lower Upper

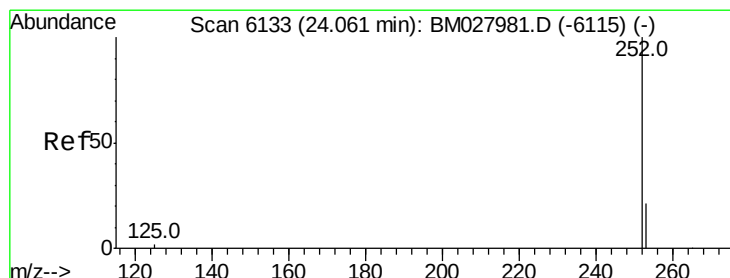
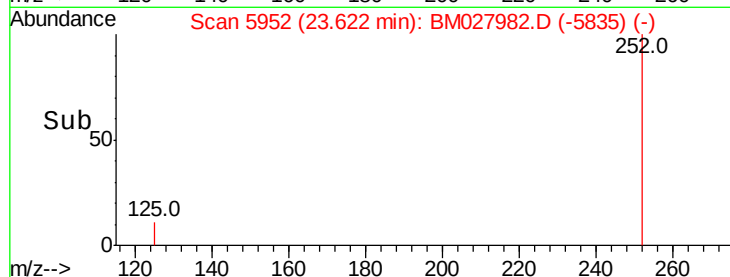
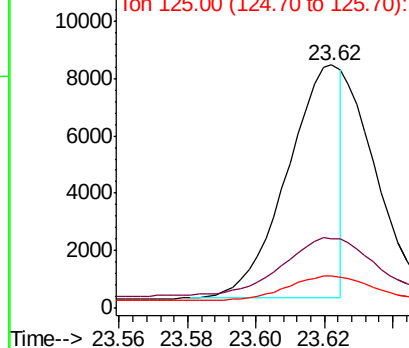
252 100

253 28.8 23.2 34.8

125 13.6 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: 9.983 ng/ul

RT: 24.06 min Scan# 6134

Delta R.T. -0.01 min

Lab File: BM027982.D

Acq: 26 Nov 2020 02:51

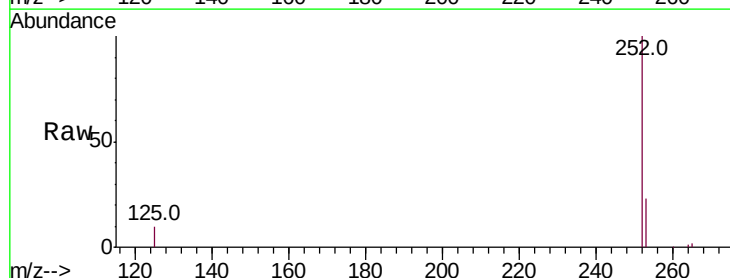
Tgt Ion:252 Resp: 84518

Ion Ratio Lower Upper

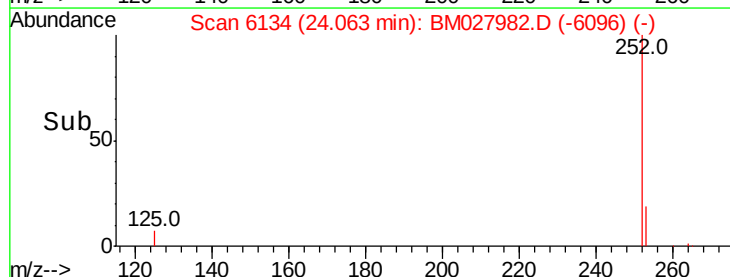
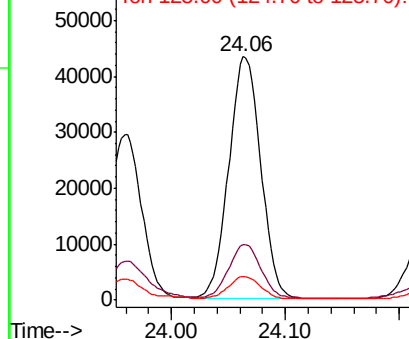
252 100

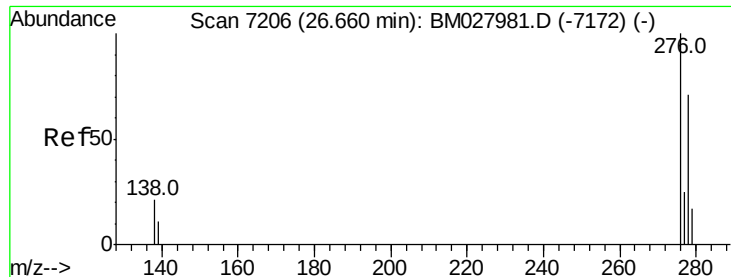
253 22.9 25.2 37.8#

125 9.8 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

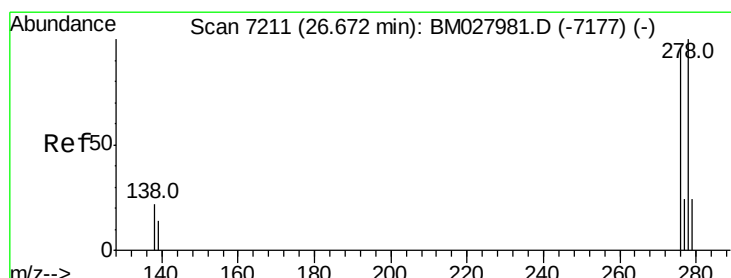
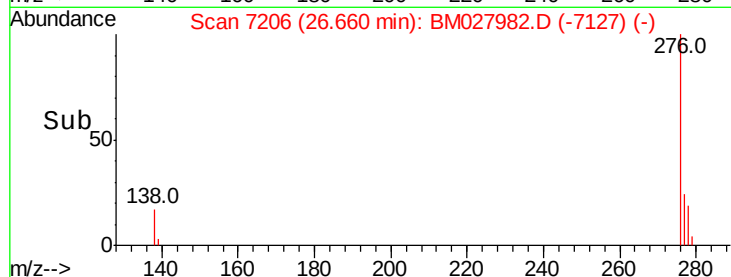
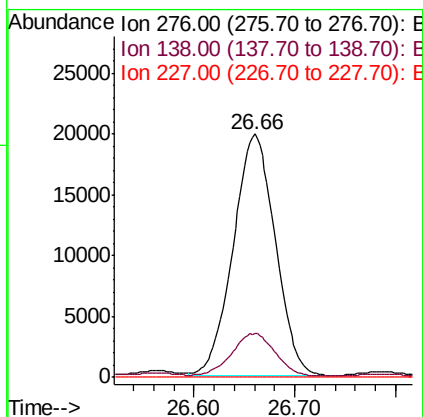
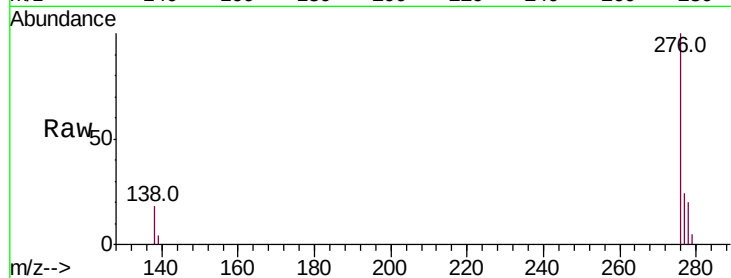




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.250 ng/ul
 RT: 26.66 min Scan# 7206
 Delta R.T. -0.01 min
 Lab File: BM027982.D
 Acq: 26 Nov 2020 02:51

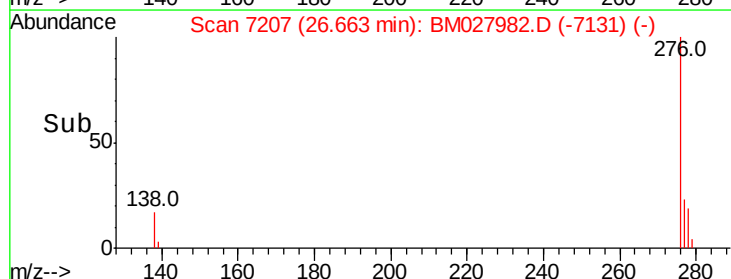
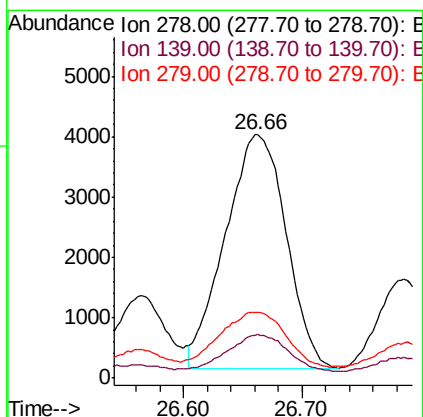
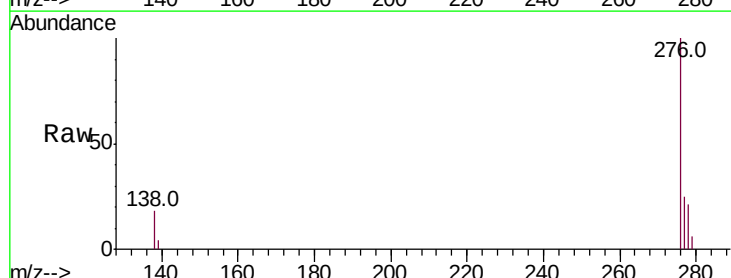
Instrument :
 BNA_M
 ClientSampleId :
 C0B13

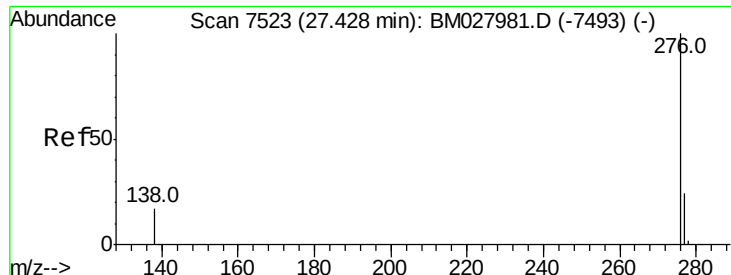
Tot Ion:276 Resp: 57286
 Ion Ratio Lower Upper
 276 100
 138 18.1 15.7 23.5
 227 0.0 0.0 0.0



#25
 Dibenzo(a,h)anthracene
 Concen: 1.811 ng/ul
 RT: 26.66 min Scan# 7207
 Delta R.T. -0.02 min
 Lab File: BM027982.D
 Acq: 26 Nov 2020 02:51

Tgt Ion:278 Resp: 13820
 Ion Ratio Lower Upper
 278 100
 139 18.0 14.8 22.2
 279 27.0 25.8 38.6





#26

Benzo(a,h,i)perylene

Concen: 6.518 ng/ul

RT: 27.43 min Scan# 7525

Delta R.T. -0.01 min

Lab File: BM027982.D

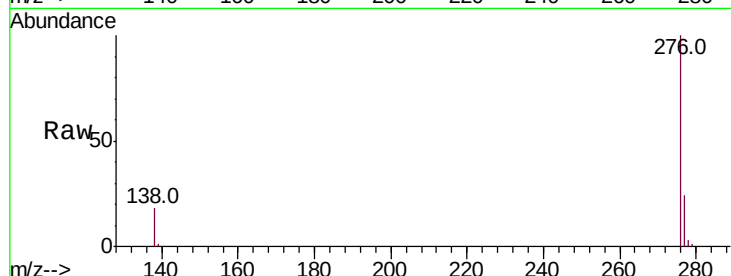
Acq: 26 Nov 2020 02:51

Instrument :

BNA_M

ClientSampleId :

C0B13



Tot Ion: 276 Resp: 50128

Ion Ratio Lower Upper

276 100

138 18.4 17.4 26.2

277 24.2 22.5 33.7

Abundance Ion 276.00 (275.70 to 276.70): E
 20000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

