

Data File : BM027969.D
Acq On : 25 Nov 2020 18:24
Operator : JU/CG
Sample : L4711-01DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B36DL

Quant Time: Nov 26 00:49:41 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	1022	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4039	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2284	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4040	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2413	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2277	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	327	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	457	0.04	ng/ul	0.00

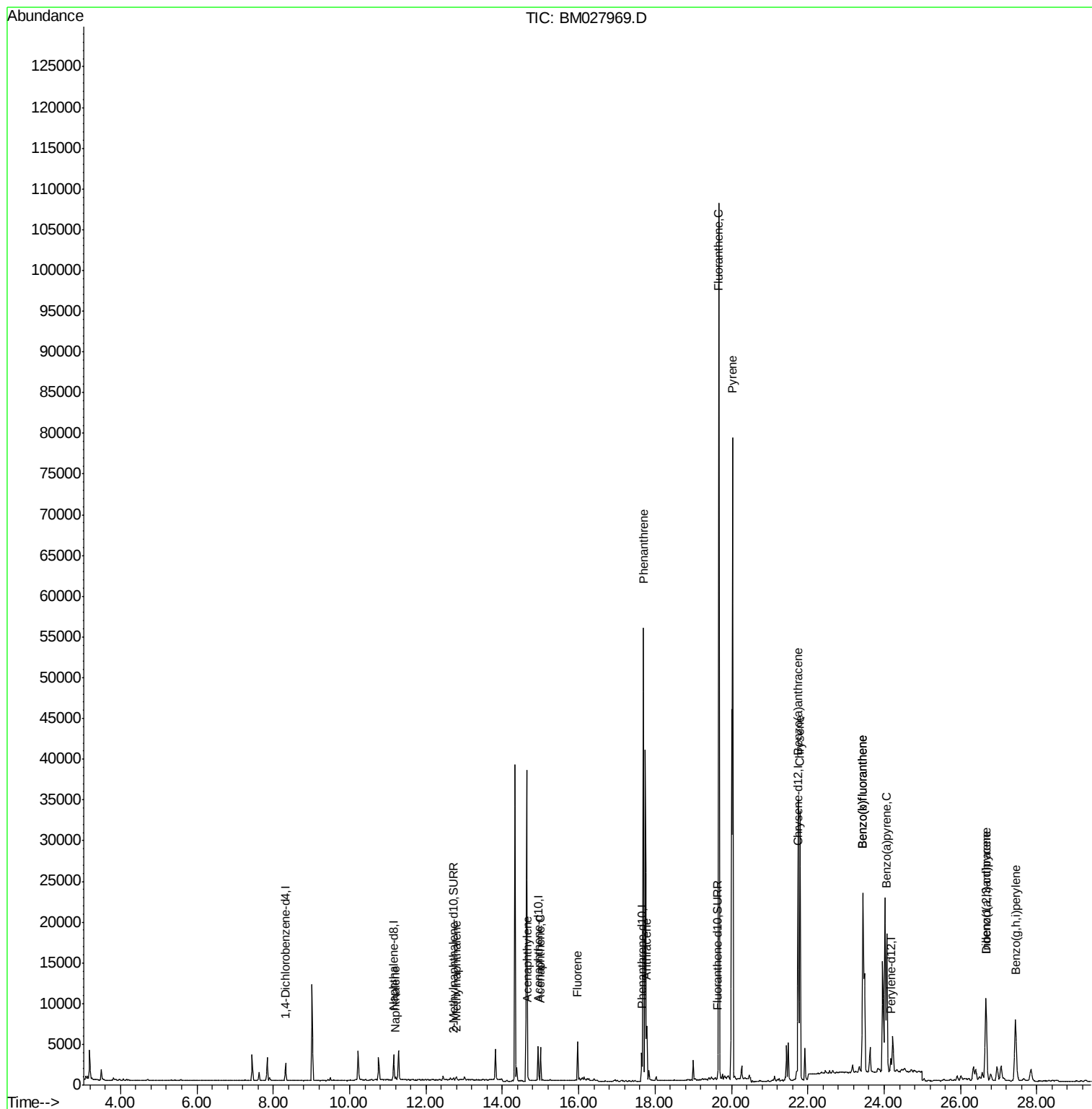
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.21	128	443	0.037	ng/ul#	70
5) 2-Methylnaphthalene	12.79	142	311	0.038	ng/ul	100
7) Acenaphthylene	14.66	152	523	0.047	ng/ul#	76
8) Acenaphthene	15.00	153	2337	0.280	ng/ul	99
9) Fluorene	15.97	166	2871	0.296	ng/ul	99
12) Phenanthrene	17.70	178	57654	4.518	ng/ul	96
13) Anthracene	17.78	178	6898	0.560	ng/ul	99
15) Fluoranthene	19.67	202	89677	6.337	ng/ul	100
17) Pyrene	20.03	202	67740	5.528	ng/ul	97
18) Benzo(a)anthracene	21.74	228	28681	2.946	ng/ul	100
19) Chrysene	21.80	228	33413	3.523	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	54136	5.657	ng/ul	89
22) Benzo(k)fluoranthene	23.44	252	54119	5.775	ng/ul#	90
23) Benzo(a)pyrene	24.07	252	25744	3.077	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.67	276	17890	1.975	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	4398	0.583	ng/ul	97
26) Benzo(g,h,i)perylene	27.44	276	16985	2.235	ng/ul	94

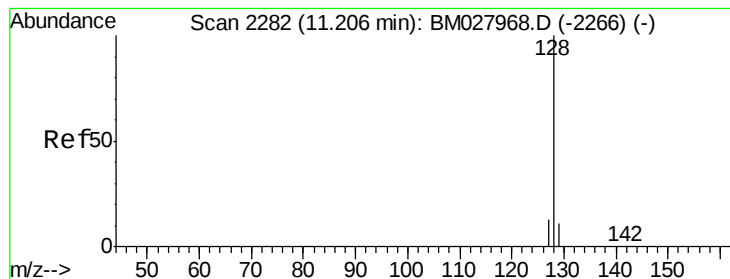
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.037 ng/ul

RT: 11.21 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

Instrument :

BNA_M

ClientSampleId :

C0B36DL

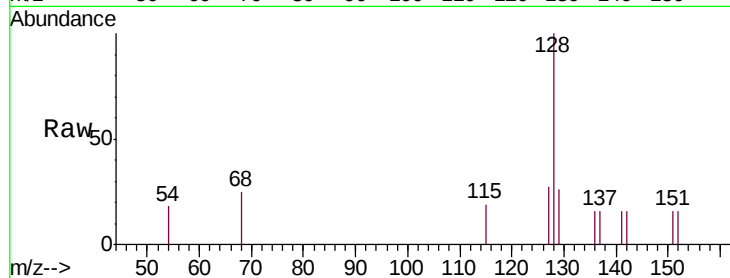
Tgt Ion:128 Resp: 443

Ion Ratio Lower Upper

128 100

129 25.6 10.4 15.6#

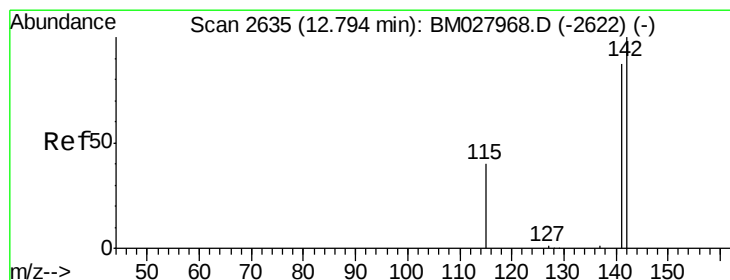
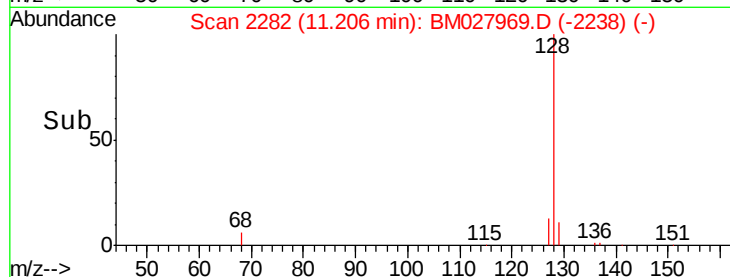
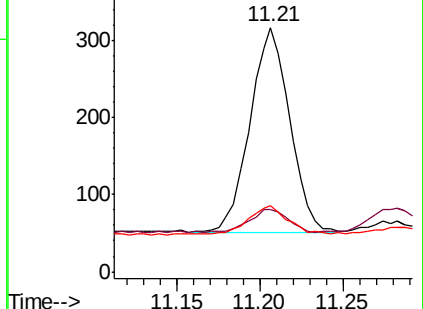
127 26.9 12.0 18.0#



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: 0.038 ng/ul

RT: 12.79 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BM027969.D

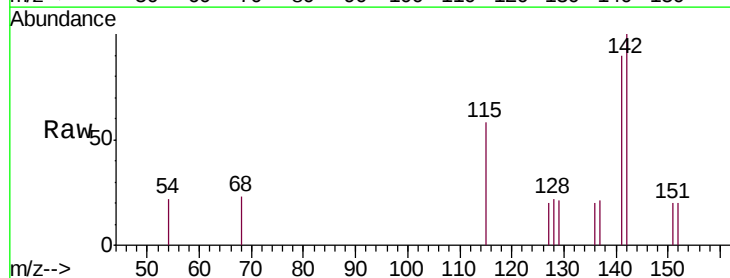
Acq: 25 Nov 2020 18:24

Tgt Ion:142 Resp: 311

Ion Ratio Lower Upper

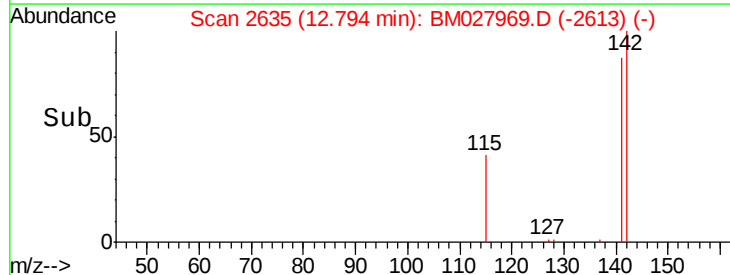
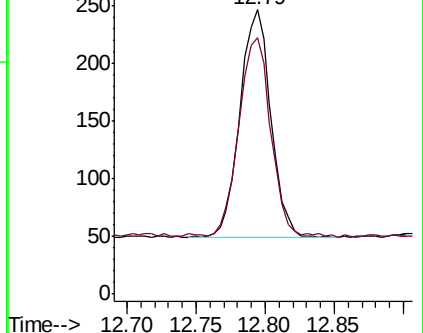
142 100

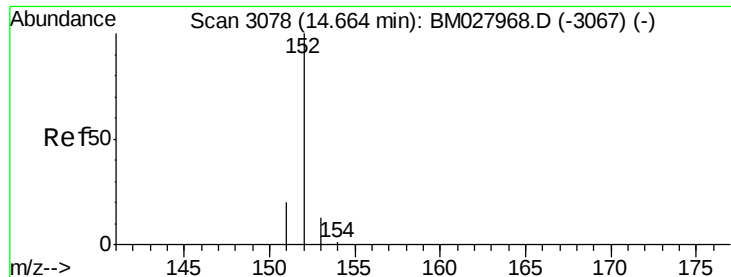
141 89.7 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.66 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

Instrument :

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ClientSampleId :

C0B36DL

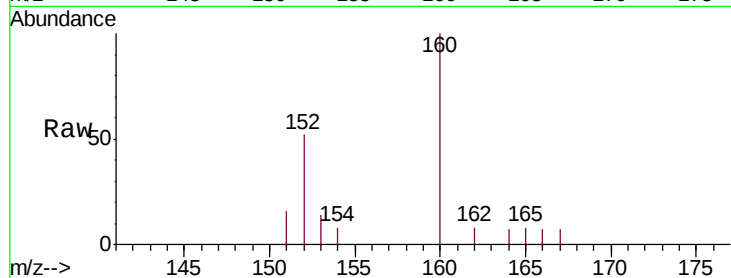
Tgt Ion:152 Resp: 523

Ion Ratio Lower Upper

152 100

151 31.1 17.1 25.7#

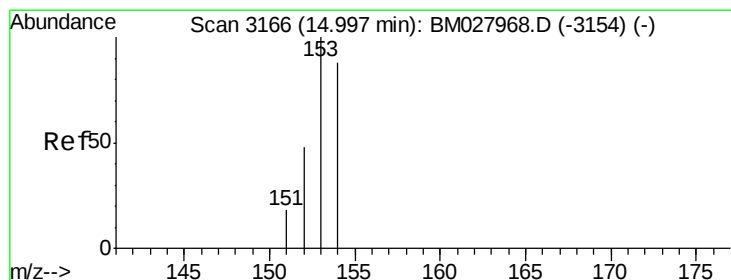
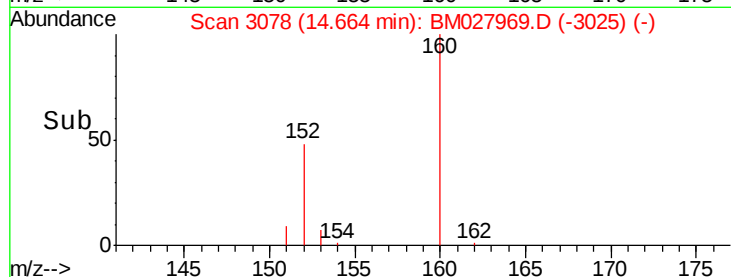
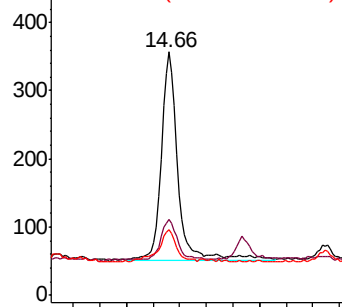
153 26.9 12.0 18.0#



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: 0.280 ng/ul

RT: 15.00 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

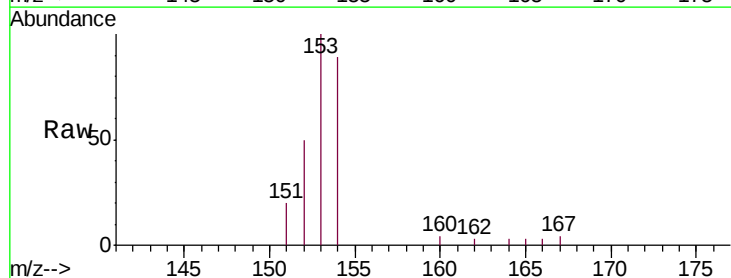
Tgt Ion:153 Resp: 2337

Ion Ratio Lower Upper

153 100

152 50.0 39.0 58.6

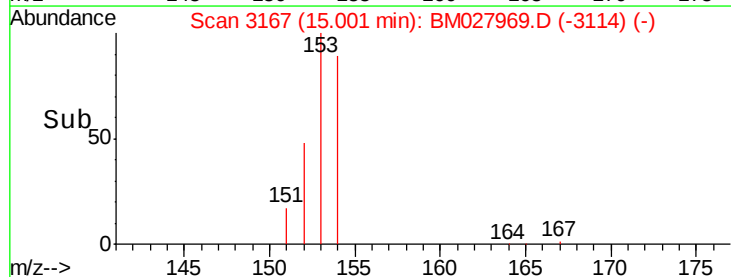
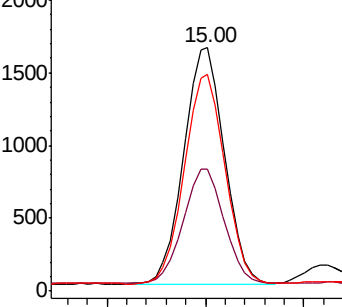
154 89.2 71.6 107.4

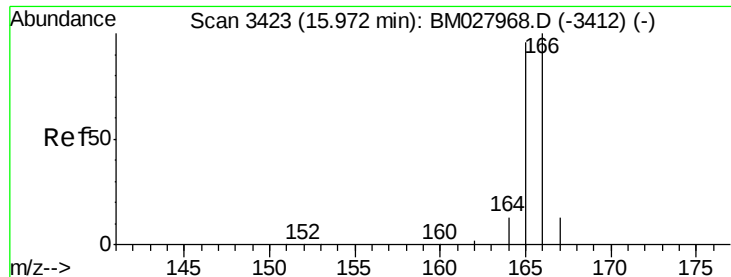


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.296 ng/ul

RT: 15.97 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

Instrument :

BNA_M

ClientSampleId :

C0B36DL

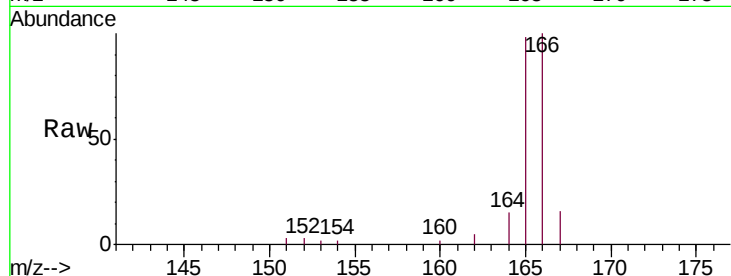
Tgt Ion:166 Resp: 2871

Ion Ratio Lower Upper

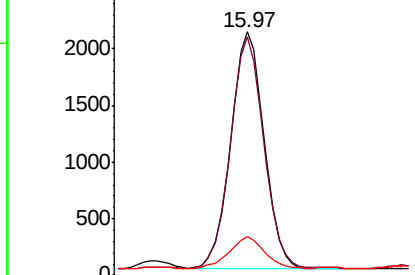
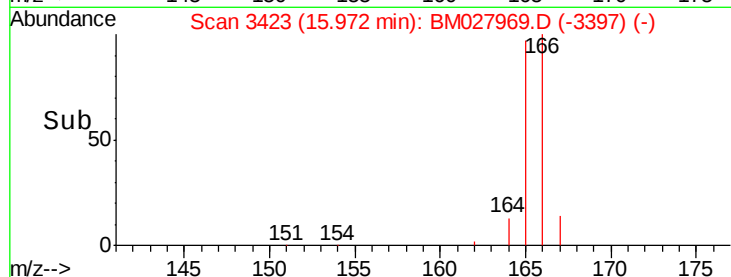
166 100

165 97.9 78.1 117.1

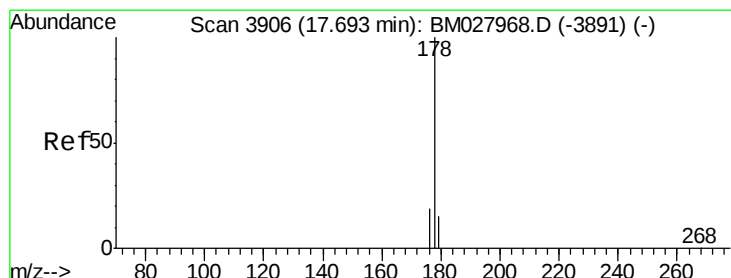
167 16.2 11.8 17.8



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



Time-->



#12

Phenanthrene

Concen: 4.518 ng/ul

RT: 17.70 min Scan# 3907

Delta R.T. 0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

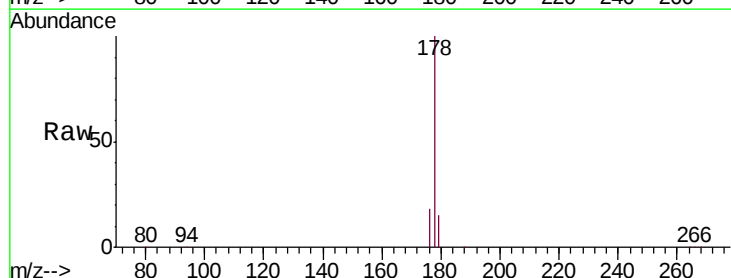
Tgt Ion:178 Resp: 57654

Ion Ratio Lower Upper

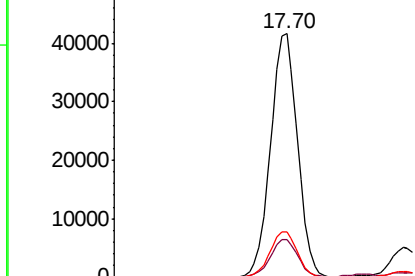
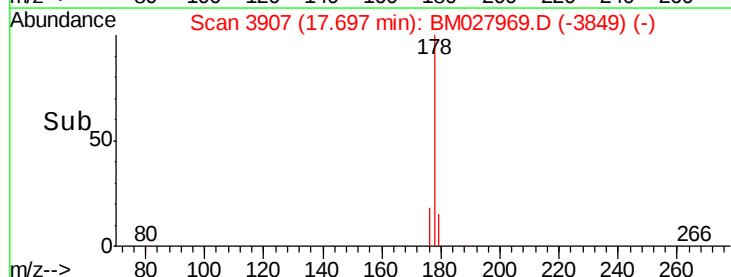
178 100

179 15.5 13.6 20.4

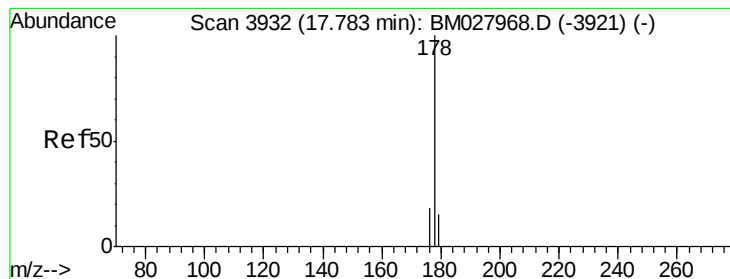
176 18.5 16.1 24.1



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



Time-->



#13

Anthracene

Concen: 0.560 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

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C0B36DL

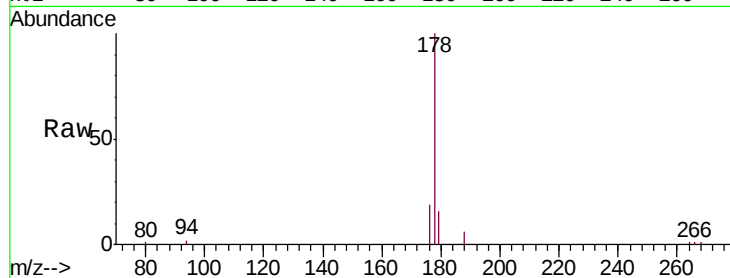
Tgt Ion:178 Resp: 6898

Ion Ratio Lower Upper

178 100

179 16.4 13.4 20.2

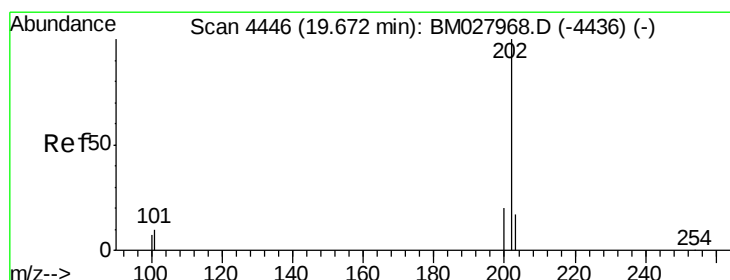
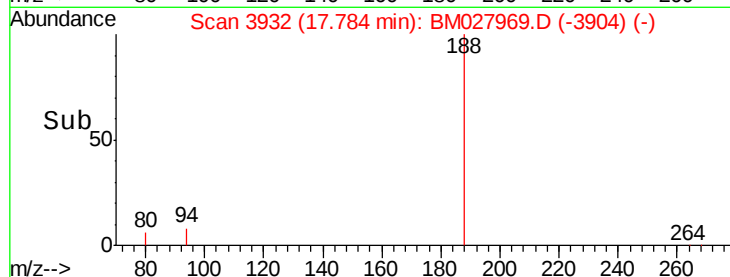
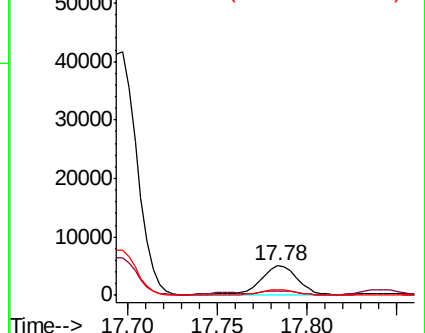
176 18.9 15.0 22.6



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: 6.337 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. 0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

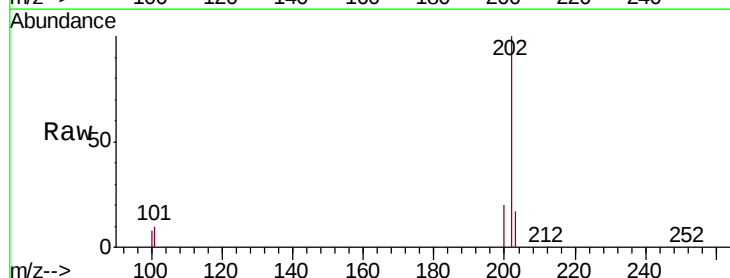
Tgt Ion:202 Resp: 89677

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

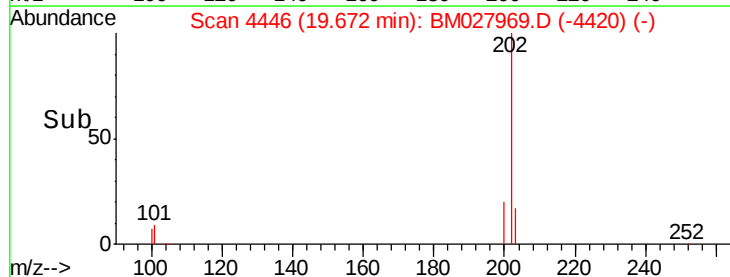
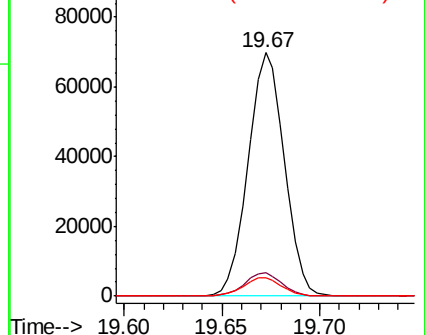
100 7.5 0.0 27.4

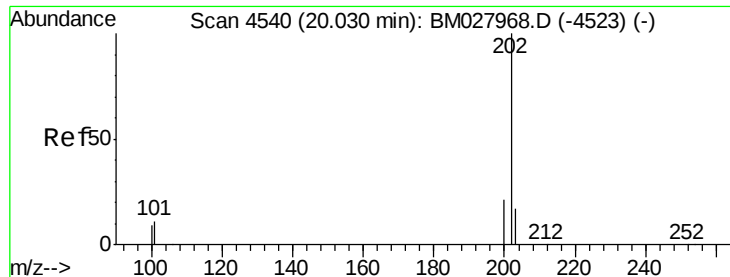


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

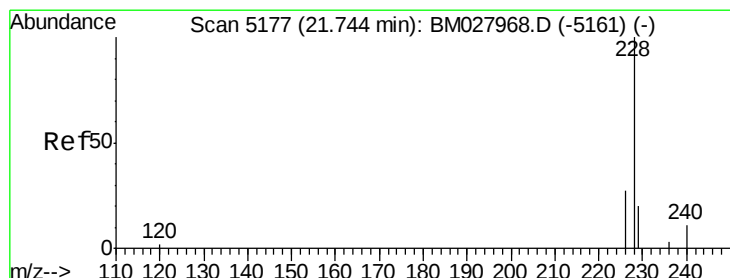
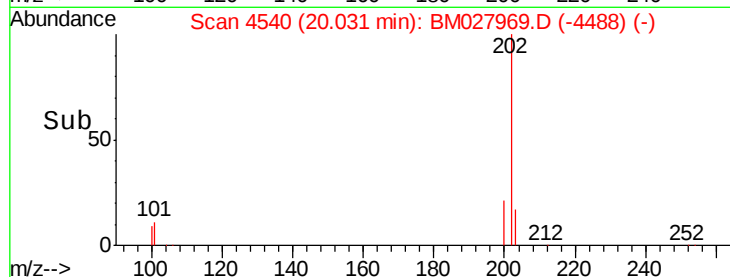
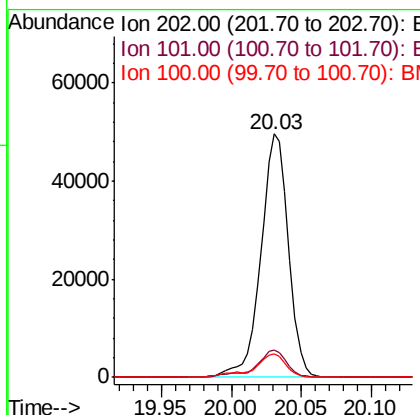
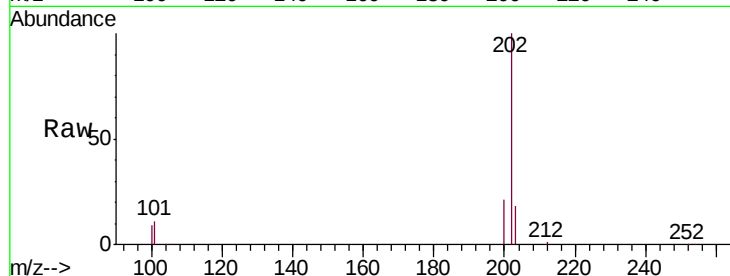




#17
 Pyrene
 Concen: 5.528 ng/ul
 RT: 20.03 min Scan# 4540
 Delta R.T. 0.00 min
 Lab File: BM027969.D
 Acq: 25 Nov 2020 18:24

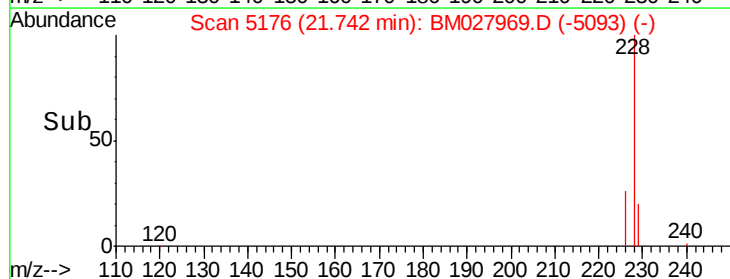
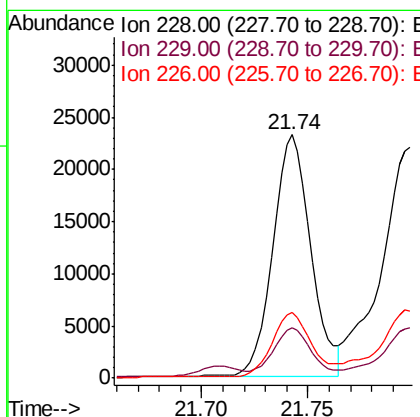
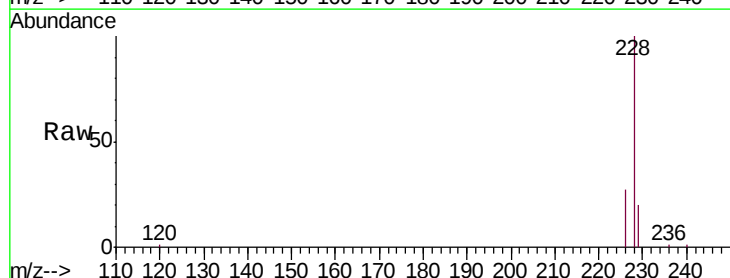
Instrument :
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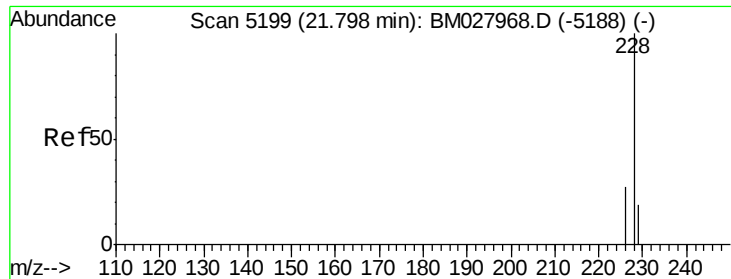
Tgt Ion:202 Resp: 67740
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.2 12.2
 100 9.5 6.9 10.3



#18
 Benzo(a)anthracene
 Concen: 2.946 ng/ul
 RT: 21.74 min Scan# 5176
 Delta R.T. 0.00 min
 Lab File: BM027969.D
 Acq: 25 Nov 2020 18:24

Tgt Ion:228 Resp: 28681
 Ion Ratio Lower Upper
 228 100
 229 20.5 16.2 24.4
 226 26.7 21.5 32.3





#19

Chrysene

Concen: 3.523 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. 0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

Instrument :

BNA_M

ClientSampleId :

C0B36DL

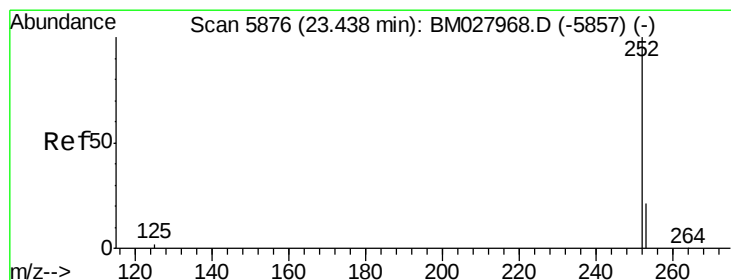
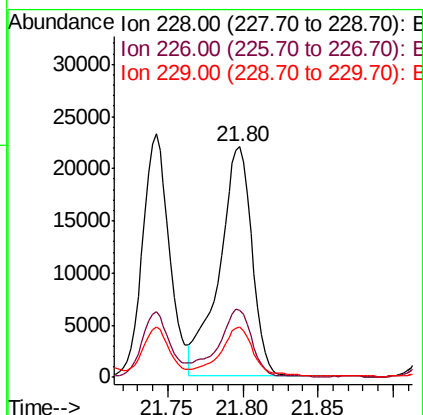
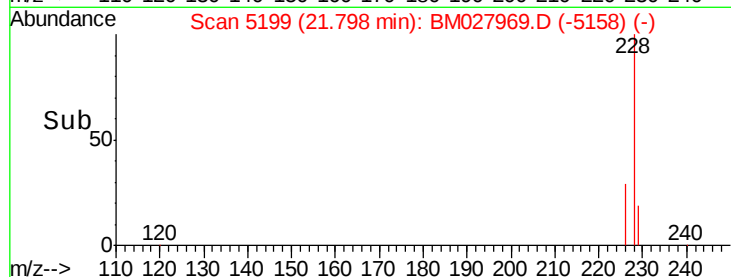
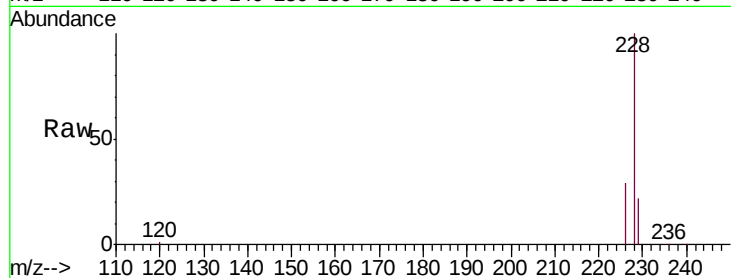
Tgt Ion:228 Resp: 33413

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

229 21.6 16.6 24.8



#21

Benzo(b)fluoranthene

Concen: 5.657 ng/ul

RT: 23.44 min Scan# 5877

Delta R.T. 0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

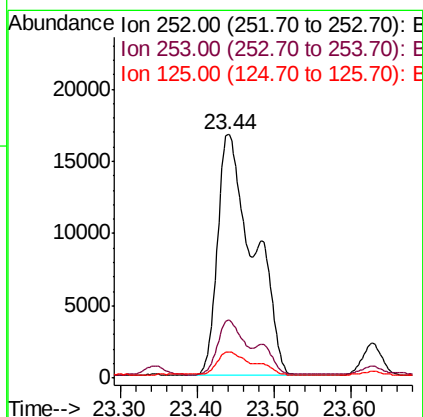
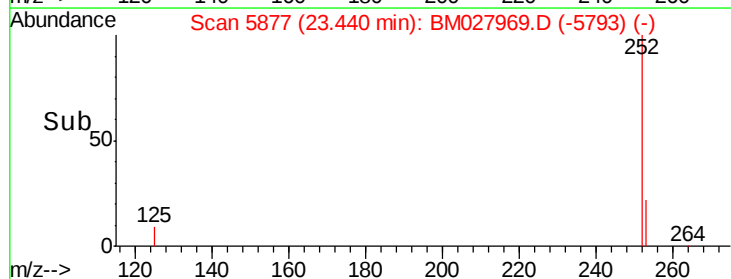
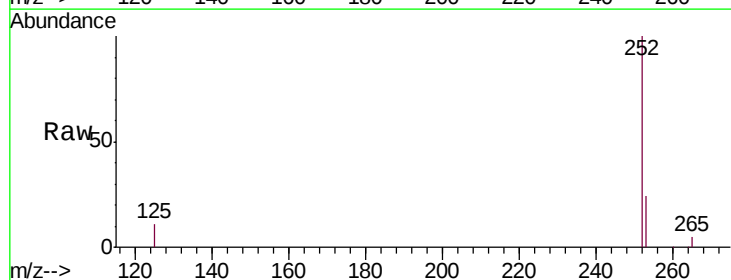
Tgt Ion:252 Resp: 54136

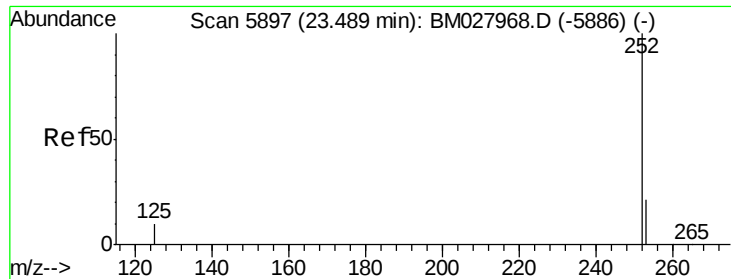
Ion Ratio Lower Upper

252 100

253 23.6 0.0 59.6

125 10.7 0.0 28.4





#22

Benzo(k)fluoranthene

Concen: 5.775 ng/ul

RT: 23.44 min Scan# 5877

Delta R.T. -0.05 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

Instrument :

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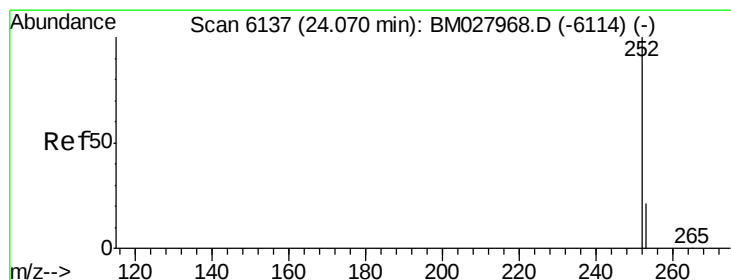
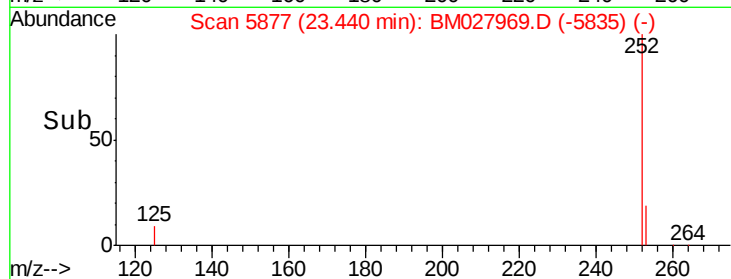
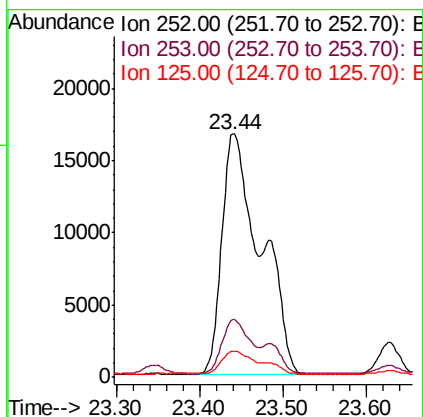
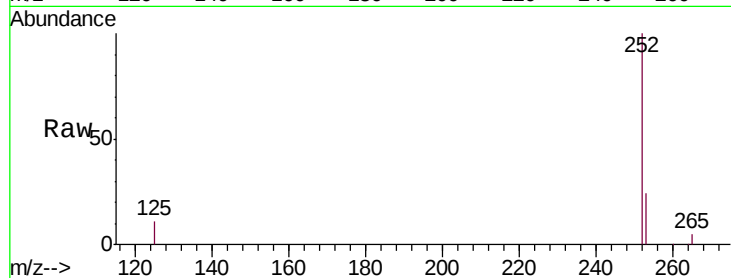
Tgt Ion:252 Resp: 54119

Ion Ratio Lower Upper

252 100

253 23.6 23.2 34.8

125 10.7 11.8 17.6#



#23

Benzo(a)pyrene

Concen: 3.077 ng/ul

RT: 24.07 min Scan# 6136

Delta R.T. -0.00 min

Lab File: BM027969.D

Acq: 25 Nov 2020 18:24

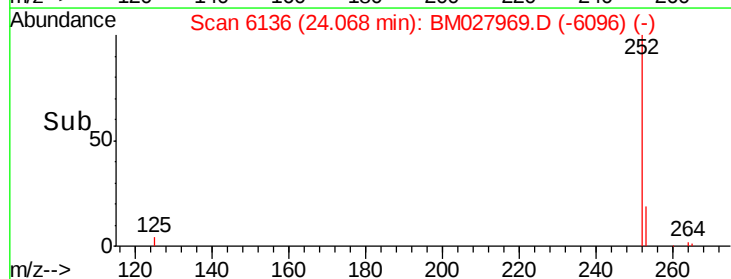
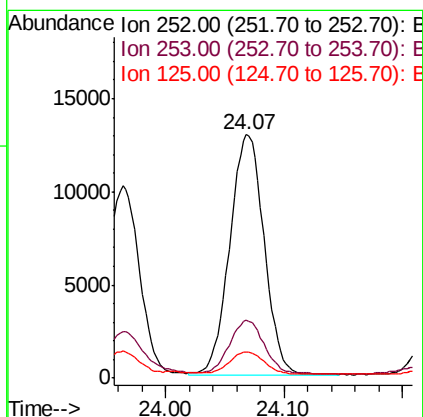
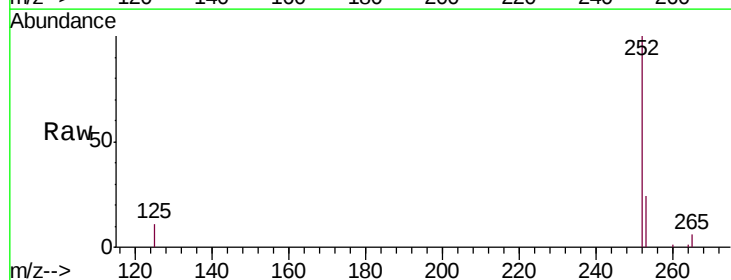
Tgt Ion:252 Resp: 25744

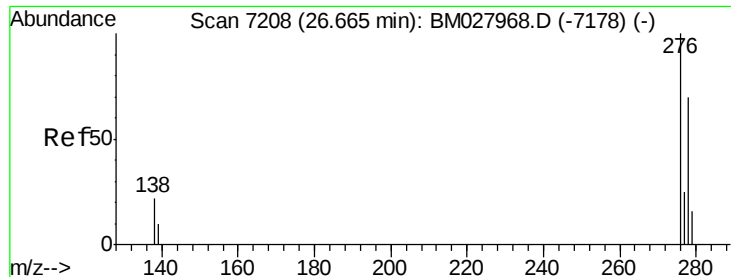
Ion Ratio Lower Upper

252 100

253 23.7 25.2 37.8#

125 10.9 13.8 20.6#



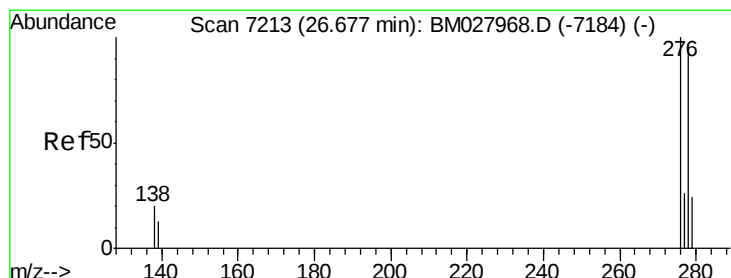
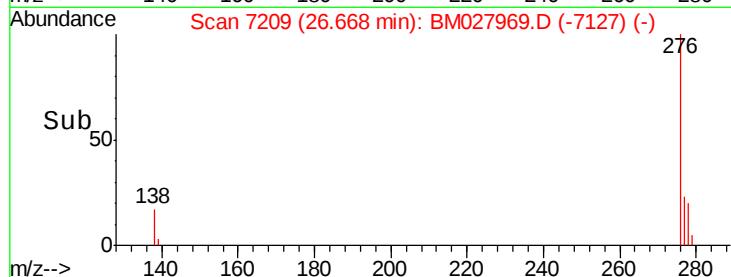
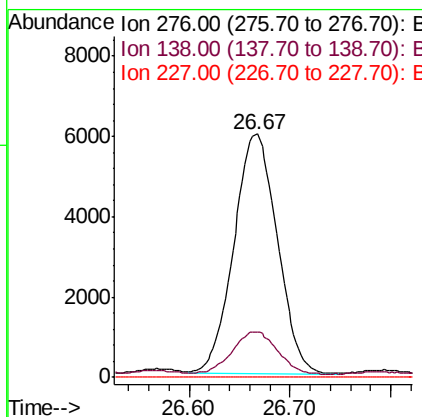
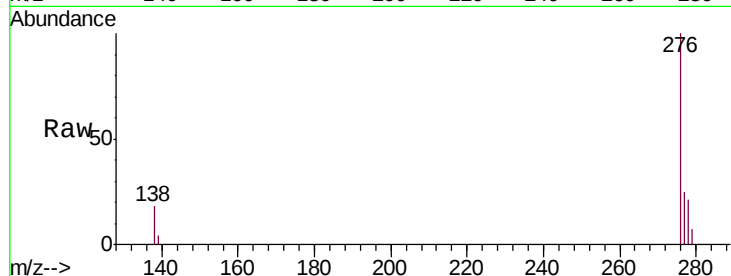


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.975 ng/u1
RT: 26.67 min Scan# 7209
Delta R.T. -0.00 min
Lab File: BM027969.D
Acq: 25 Nov 2020 18:24

Instrument :
BNA_M
ClientSampleId :
C0B36DL

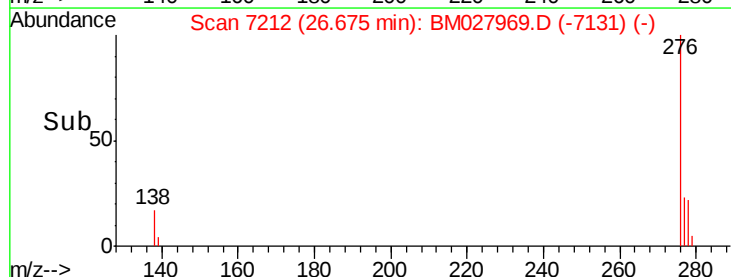
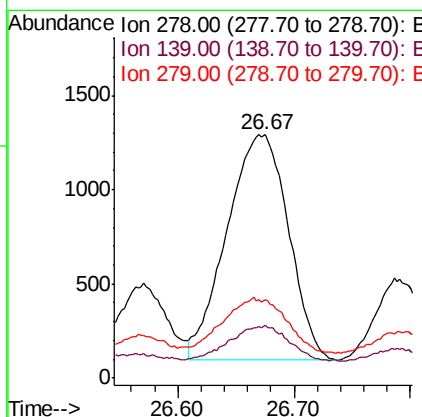
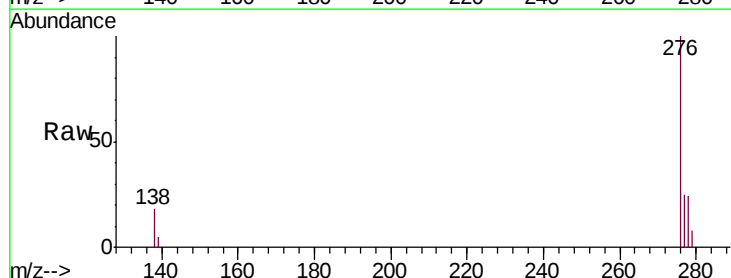
Tgt Ion:276 Resp: 17890
Ion Ratio Lower Upper
276 100
138 18.1 15.7 23.5
227 0.0 0.0 0.0

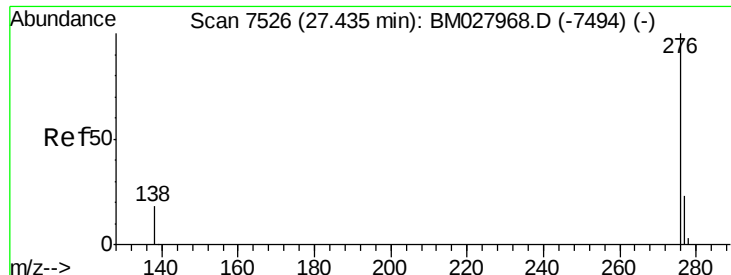


#25

Dibenzo(a,h)anthracene
Concen: 0.583 ng/u1
RT: 26.67 min Scan# 7212
Delta R.T. -0.00 min
Lab File: BM027969.D
Acq: 25 Nov 2020 18:24

Tgt Ion:278 Resp: 4398
Ion Ratio Lower Upper
278 100
139 21.7 14.8 22.2
279 32.4 25.8 38.6





#26

Benzo(g,h,i)perylene

Concen: 2.235 ng/ul

RT: 27.44 min Scan# 7528

Delta R.T. -0.00 min

Lab File: BM027969.D

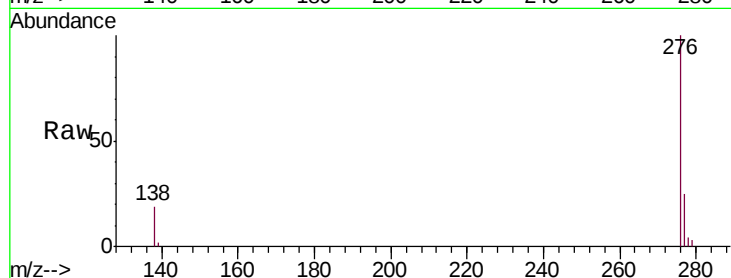
Acq: 25 Nov 2020 18:24

Instrument :

BNA_M

ClientSampleId :

C0B36DL



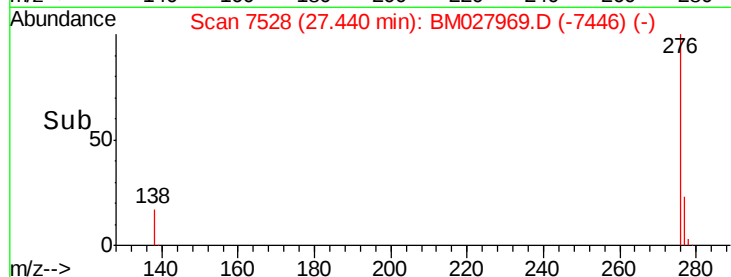
Tgt Ion: 276 Resp: 16985

Ion Ratio Lower Upper

276 100

138 18.6 17.4 26.2

277 24.9 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

