

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040521\
 Data File : BM029344.D
 Acq On : 05 Apr 2021 16:32
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV82

Quant Time: Apr 05 17:03:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 05 15:51:17 2021
 Response via : Initial Calibration

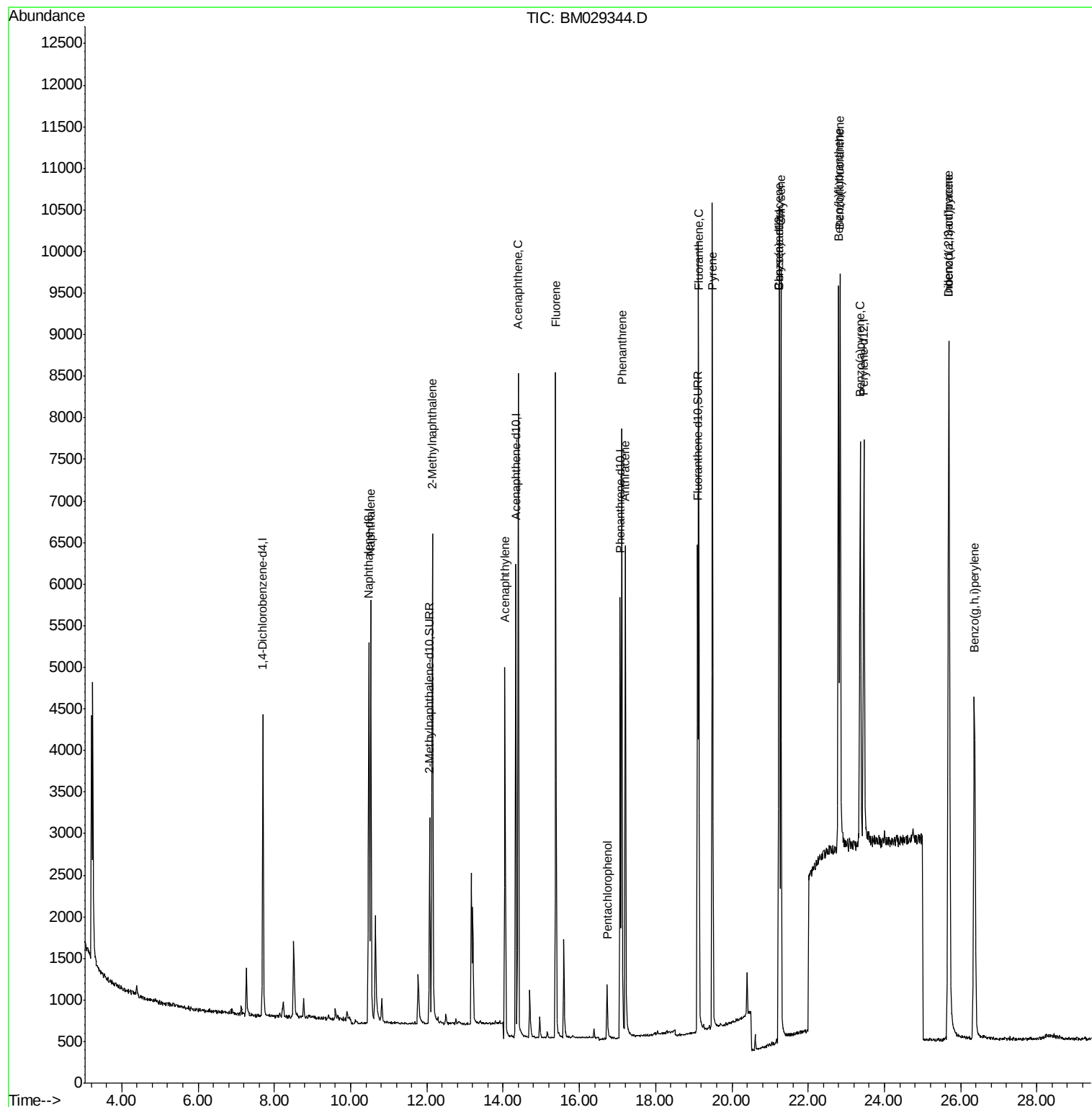
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	6315	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	3160	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	6408	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	6590	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6875	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	3534	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	6447	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.53	128	7156	0.418	ng/ul	98
5) 2-Methylnaphthalene	12.15	142	4510	0.407	ng/ul	98
7) Acenaphthylene	14.05	152	5430	0.405	ng/ul	99
8) Acenaphthene	14.39	153	4680	0.412	ng/ul	97
9) Fluorene	15.38	166	5152	0.410	ng/ul	99
11) Pentachlorophenol	16.73	266	547	0.377	ng/ul	93
12) Phenanthrene	17.11	178	7824	0.400	ng/ul	99
13) Anthracene	17.20	178	6848	0.399	ng/ul	99
15) Fluoranthene	19.13	202	8099	0.373	ng/ul	99
17) Pyrene	19.49	202	8351	0.393	ng/ul	99
18) Benzo(a)anthracene	21.23	228	7085	0.377	ng/ul	100
19) Chrysene	21.28	228	8028	0.389	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	8532	0.409	ng/ul	98
22) Benzo(k)fluoranthene	22.84	252	8722	0.408	ng/ul	97
23) Benzo(a)pyrene	23.36	252	7280	0.403	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.68	276	10133	0.405	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.70	278	8552	0.408	ng/ul	100
26) Benzo(g,h,i)perylene	26.36	276	8724	0.411	ng/ul	99

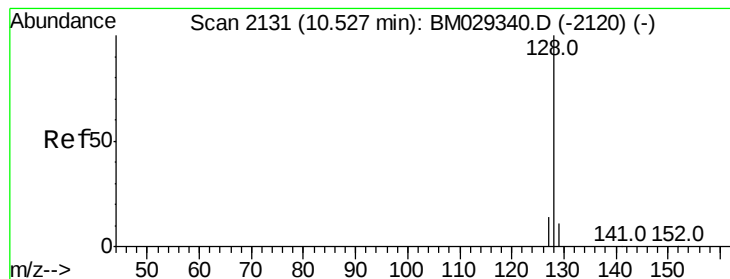
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.418 ng/ul

RT: 10.53 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

Instrument :

BNA_M

ClientSampleId :

SICV82

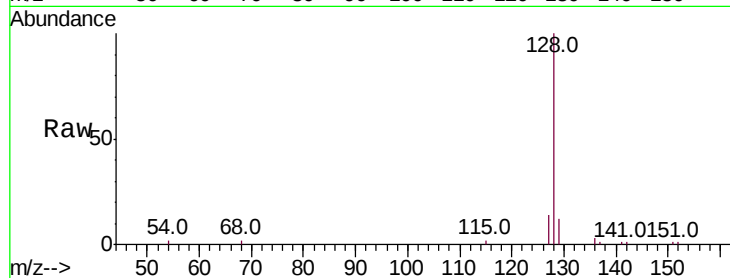
Tot Ion:128 Resp: 7156

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

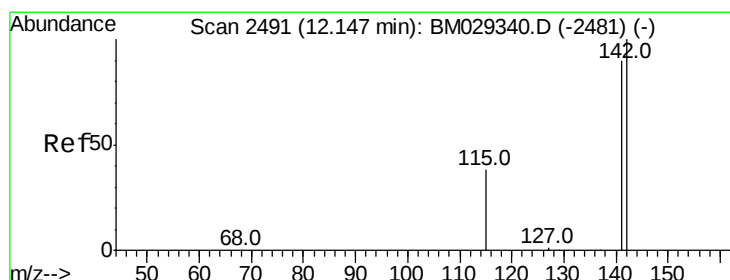
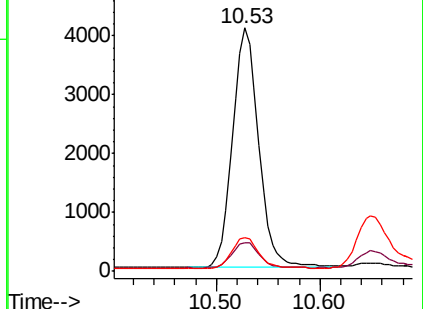
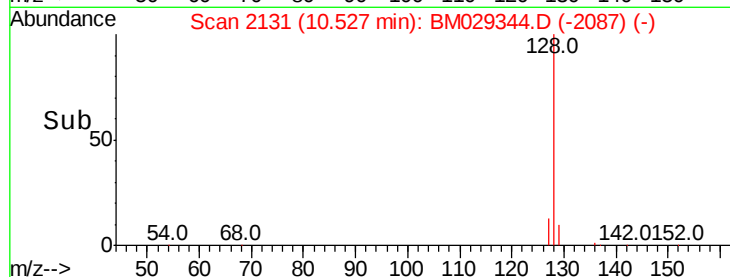
127 13.7 11.8 17.6



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: 0.407 ng/ul

RT: 12.15 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BM029344.D

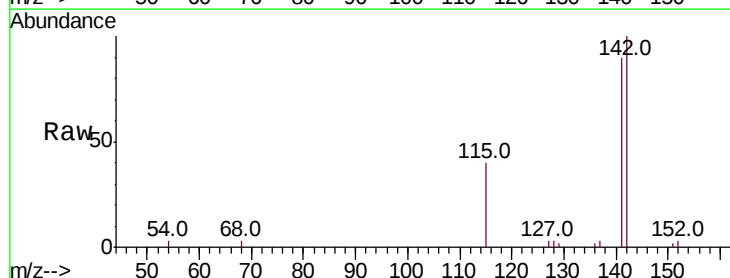
Acq: 05 Apr 2021 16:32

Tgt Ion:142 Resp: 4510

Ion Ratio Lower Upper

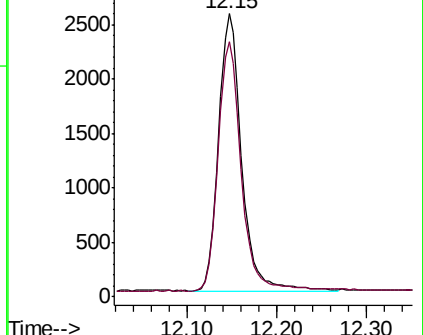
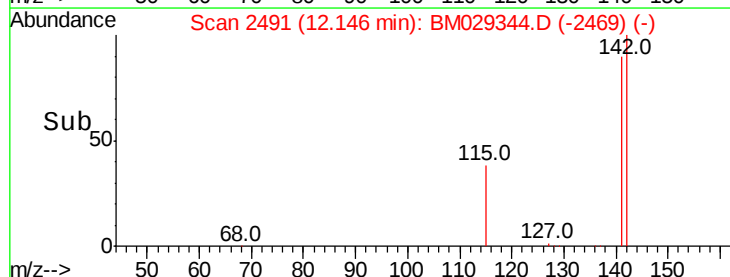
142 100

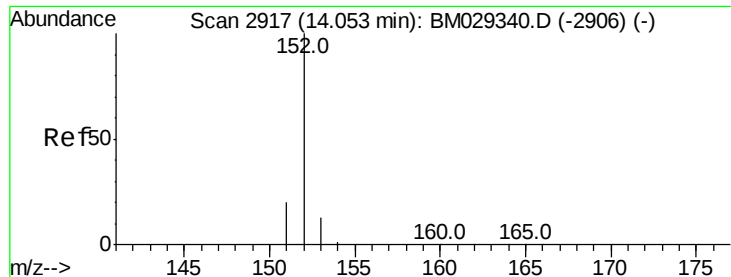
141 91.4 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.405 ng/ul

RT: 14.05 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

Instrument :

BNA_M

ClientSampleId :

SICV82

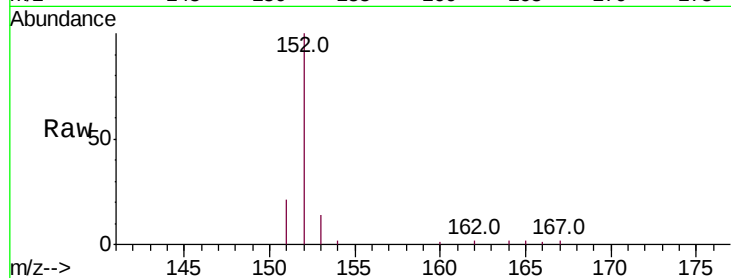
Tot Ion:152 Resp: 5430

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

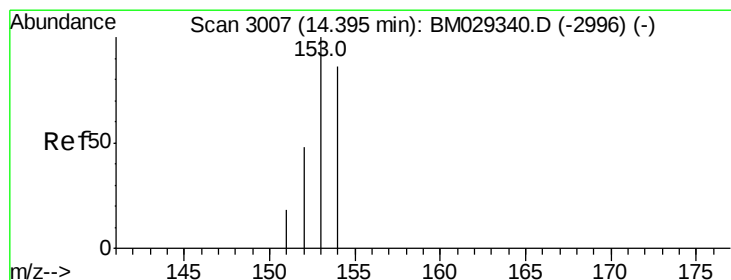
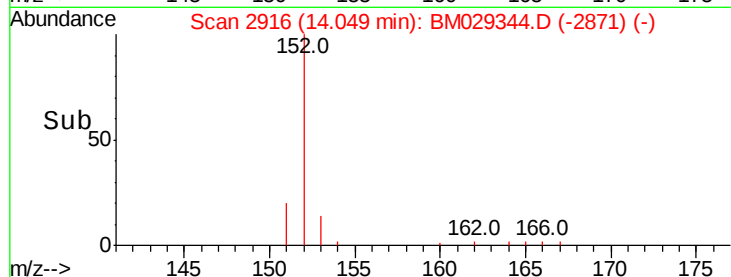
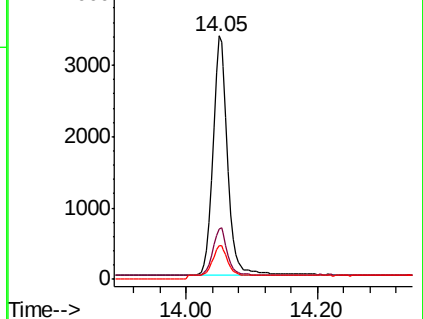
153 13.8 11.5 17.3



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: 0.412 ng/ul

RT: 14.39 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

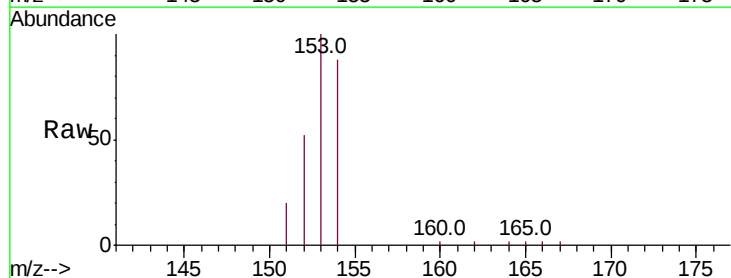
Tgt Ion:153 Resp: 4680

Ion Ratio Lower Upper

153 100

152 52.3 39.4 59.2

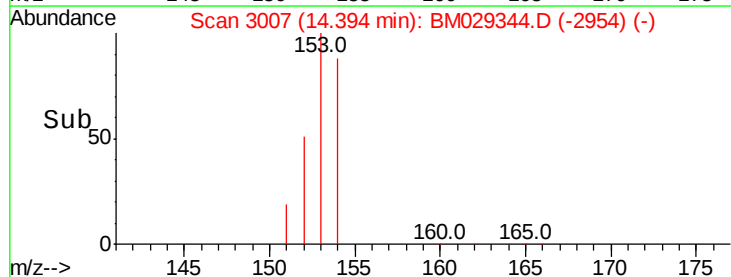
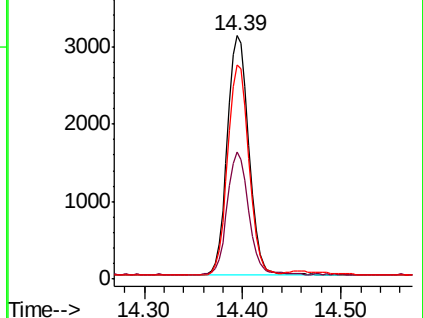
154 88.2 69.1 103.7

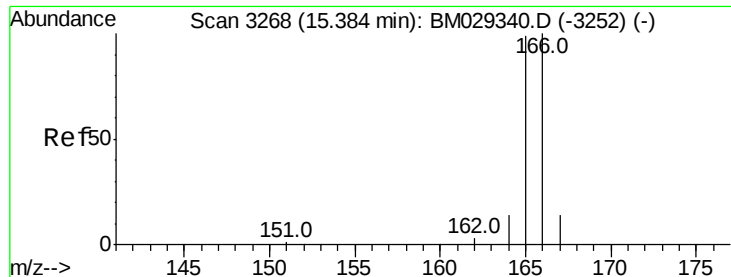


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.410 ng/ul

RT: 15.38 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

Instrument :

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ClientSampleId :

SICV82

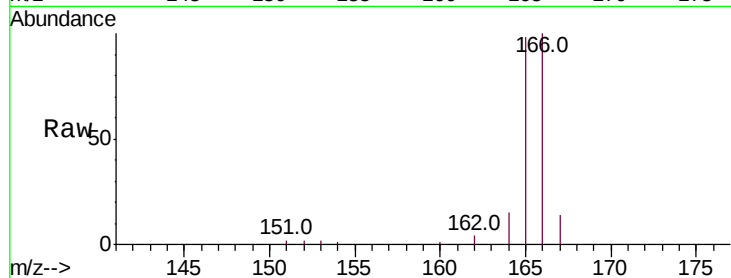
Tot Ion:166 Resp: 5152

Ion Ratio Lower Upper

166 100

165 98.3 79.2 118.8

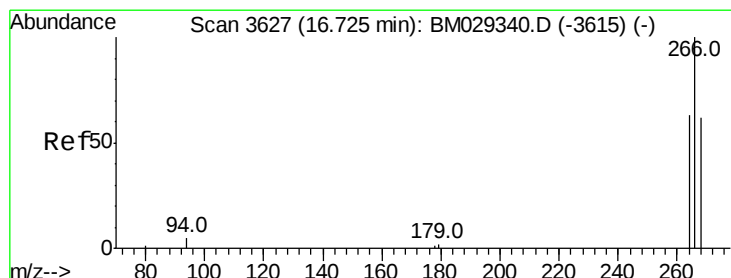
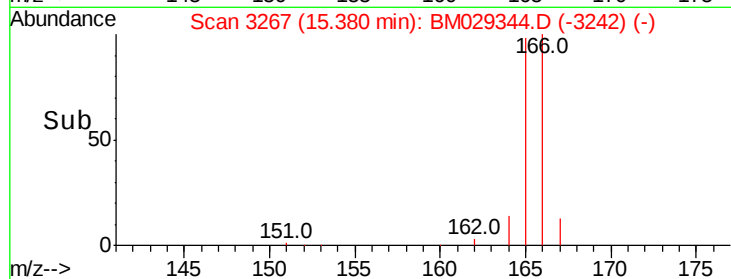
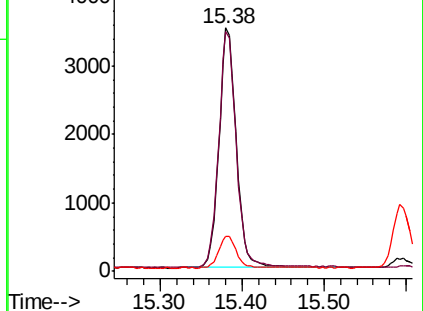
167 14.2 11.9 17.9



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



#11

Pentachlorophenol

Concen: 0.377 ng/ul

RT: 16.73 min Scan# 3628

Delta R.T. 0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

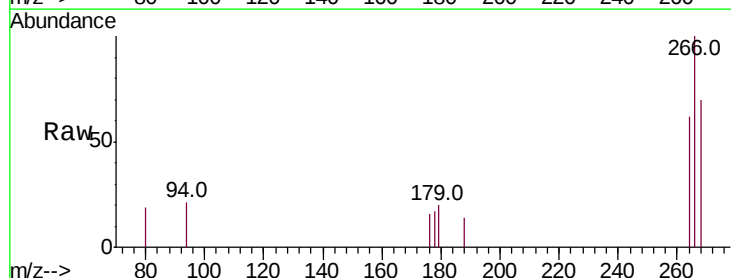
Tgt Ion:266 Resp: 547

Ion Ratio Lower Upper

266 100

264 62.7 50.2 75.4

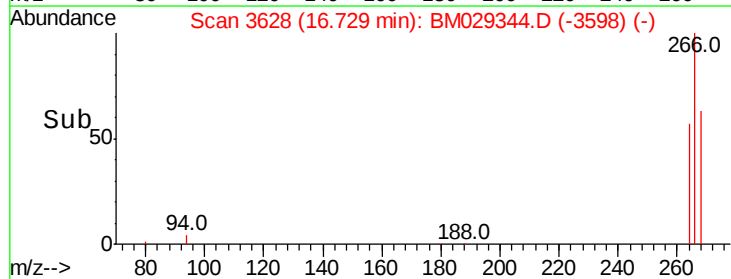
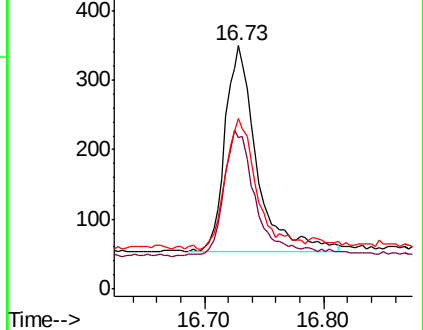
268 61.4 57.5 86.3

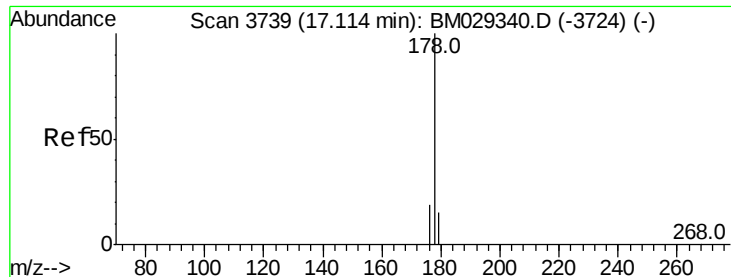


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.400 ng/ul

RT: 17.11 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

Instrument :

BNA_M

ClientSampleId :

SICV82

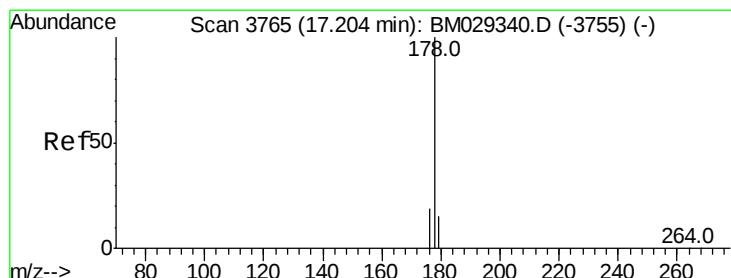
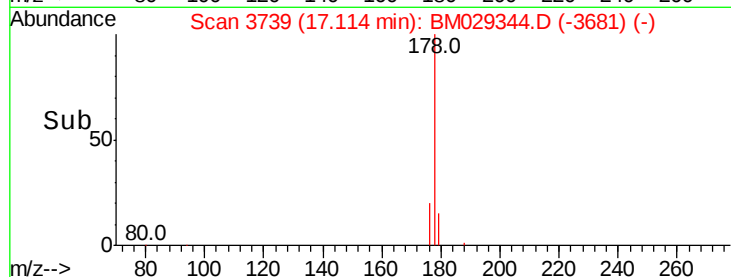
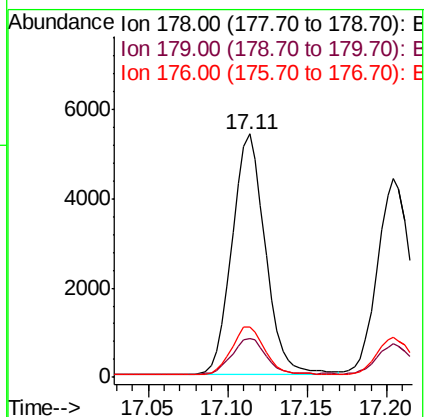
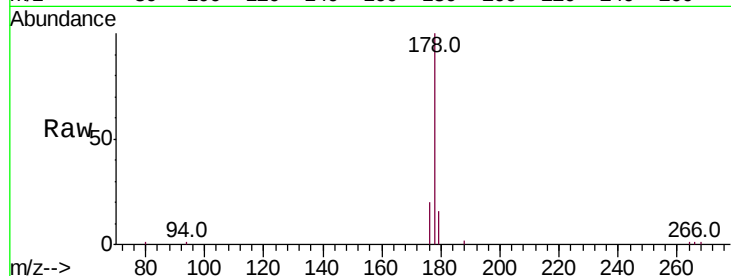
Tot Ion:178 Resp: 7824

Ion Ratio Lower Upper

178 100

179 15.8 12.7 19.1

176 20.4 15.8 23.8



#13

Anthracene

Concen: 0.399 ng/ul

RT: 17.20 min Scan# 3765

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

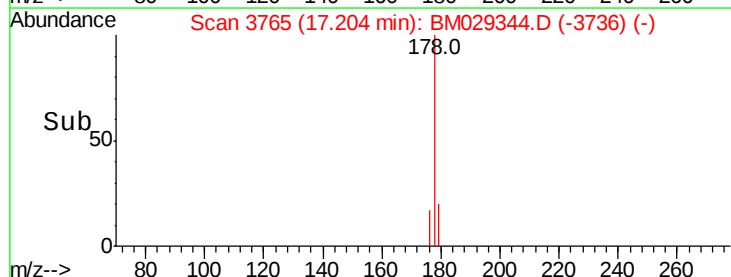
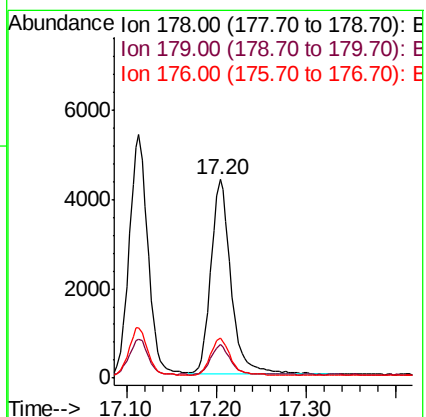
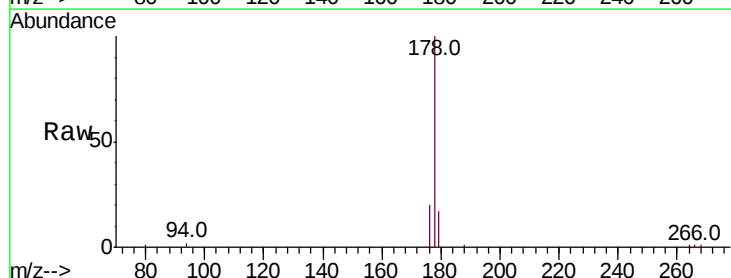
Tgt Ion:178 Resp: 6848

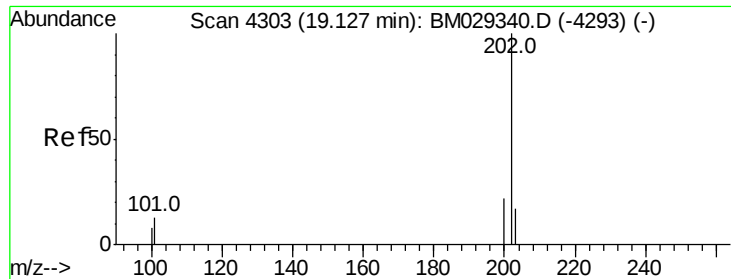
Ion Ratio Lower Upper

178 100

179 17.1 13.1 19.7

176 20.2 16.1 24.1

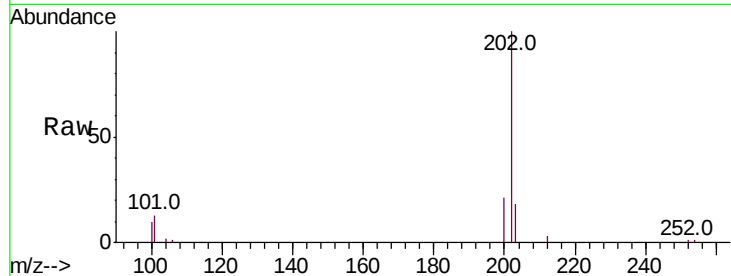




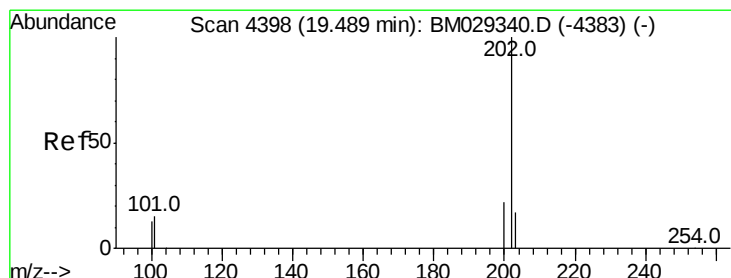
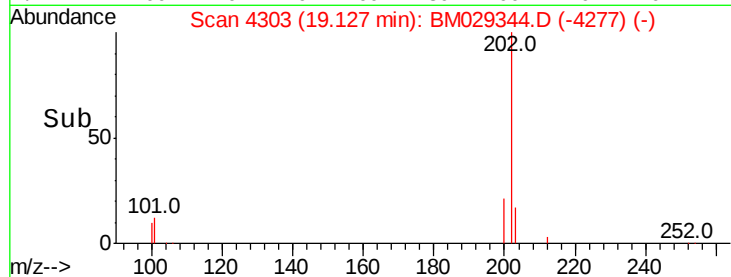
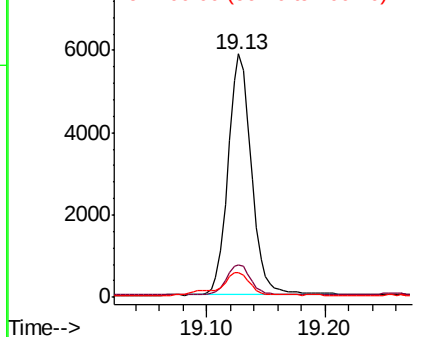
#15
Fluoranthene
 Concen: 0.373 ng/ul
 RT: 19.13 min Scan# 4303
 Delta R.T. -0.00 min
 Lab File: BM029344.D
 Acq: 05 Apr 2021 16:32

Instrument :
 BNA_M
 ClientSampleId :
 SICV82

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.6
100	10.4	0.0	30.6

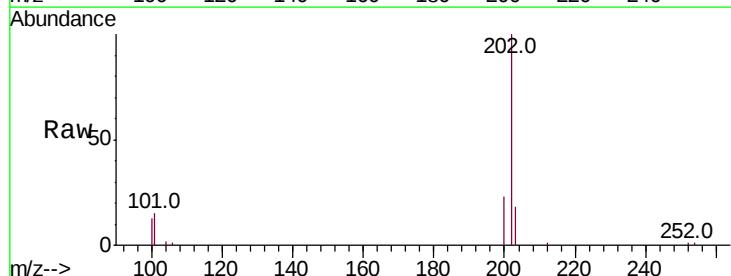


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

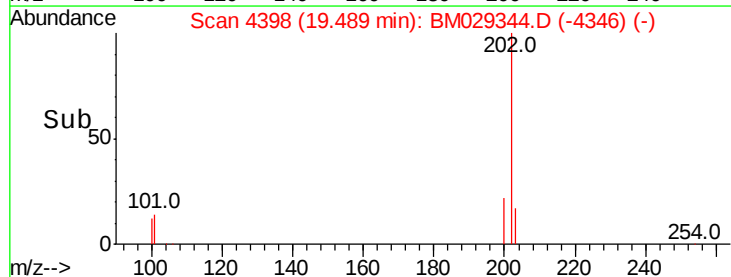
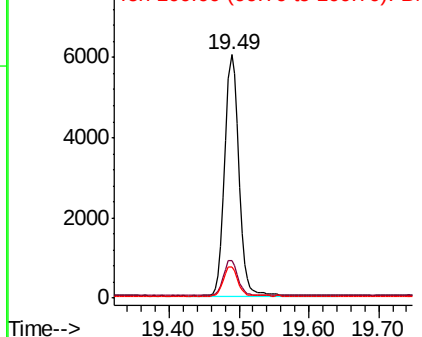


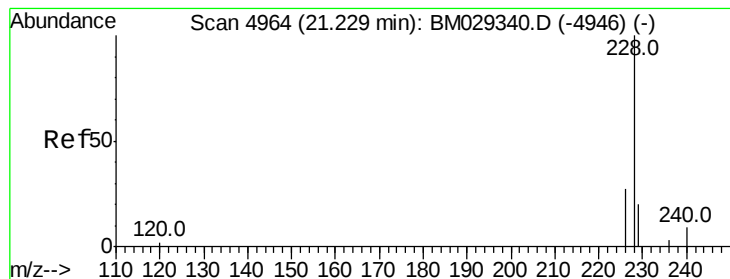
#17
Pyrene
 Concen: 0.393 ng/ul
 RT: 19.49 min Scan# 4398
 Delta R.T. -0.00 min
 Lab File: BM029344.D
 Acq: 05 Apr 2021 16:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.6	18.8
100	12.8	10.6	16.0



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: 0.377 ng/ul

RT: 21.23 min Scan# 4965

Delta R.T. 0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

Instrument :

BNA_M

ClientSampleId :

SICV82

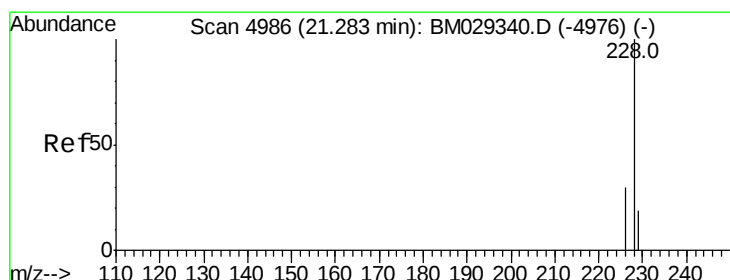
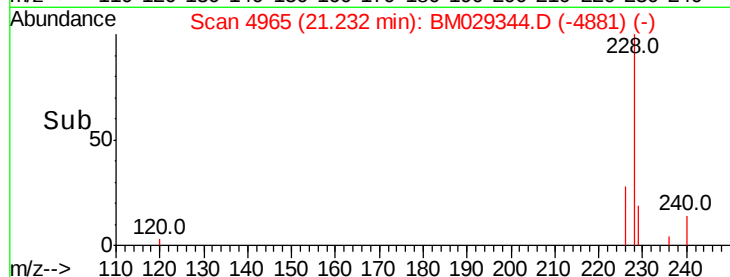
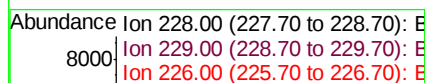
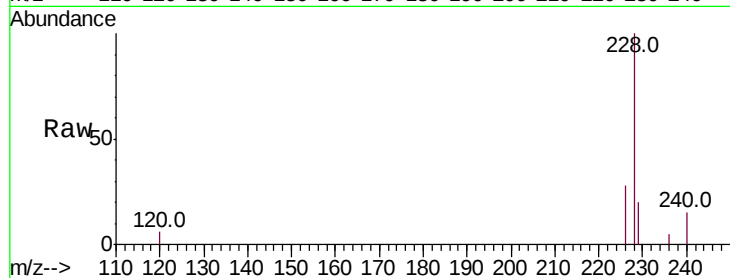
Tot Ion:228 Resp: 7085

Ion Ratio Lower Upper

228 100

229 20.3 16.5 24.7

226 28.3 22.6 33.8



#19

Chrysene

Concen: 0.389 ng/ul

RT: 21.28 min Scan# 4986

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

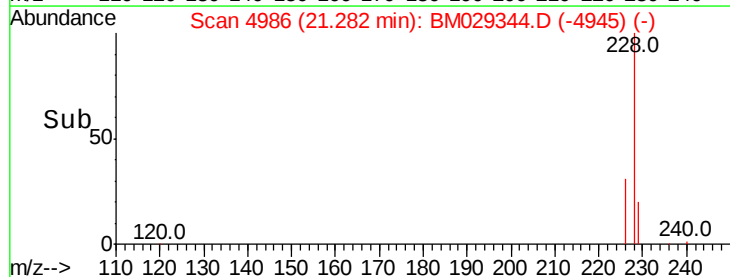
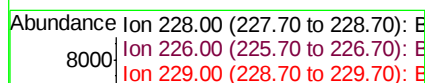
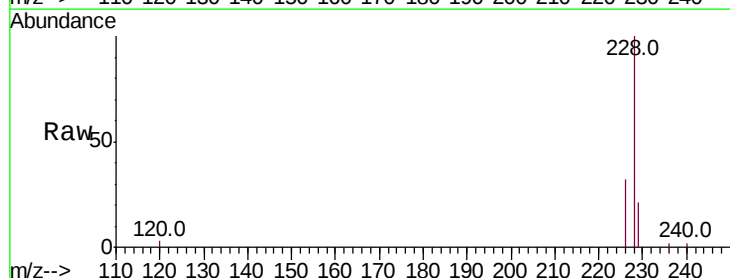
Tgt Ion:228 Resp: 8028

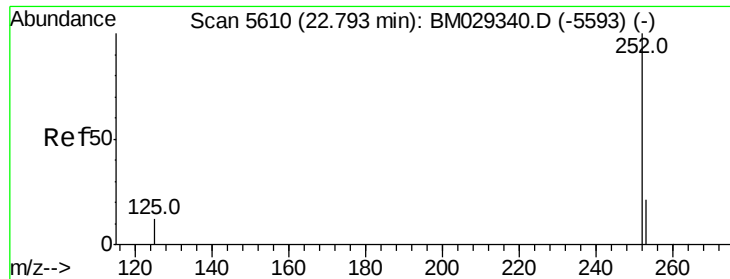
Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

229 20.7 16.2 24.2

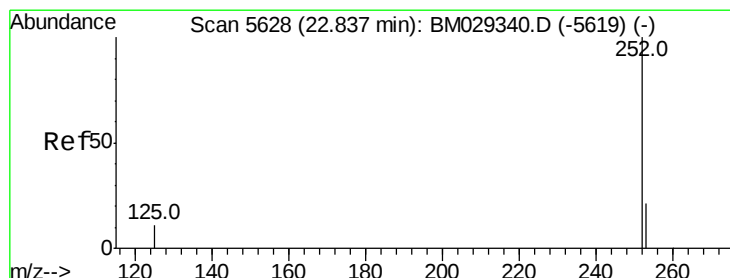
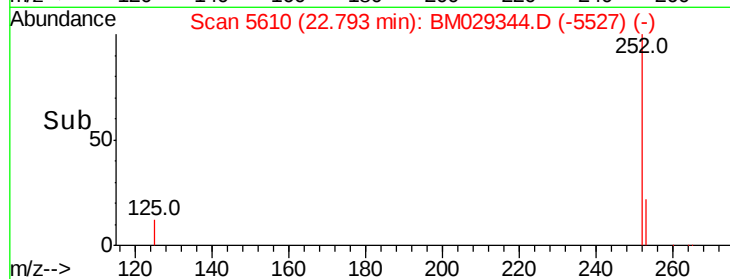
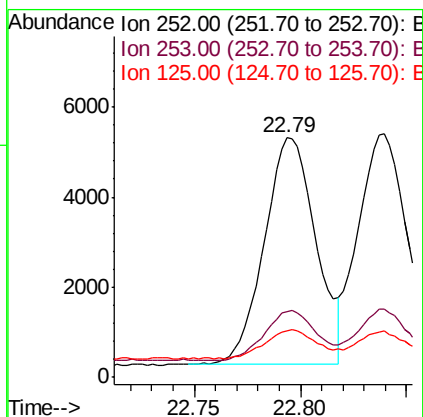
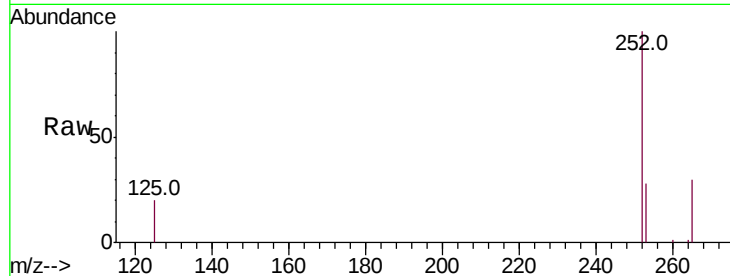




#21
Benzo(b)fluoranthene
Concen: 0.409 ng/u1
RT: 22.79 min Scan# 5610
Delta R.T. -0.00 min
Lab File: BM029344.D
Acq: 05 Apr 2021 16:32

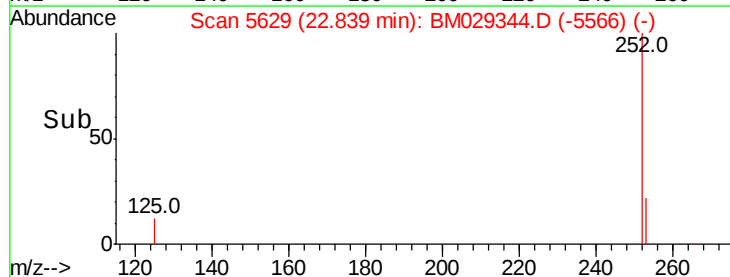
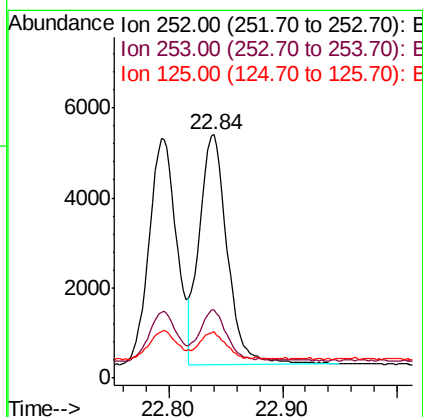
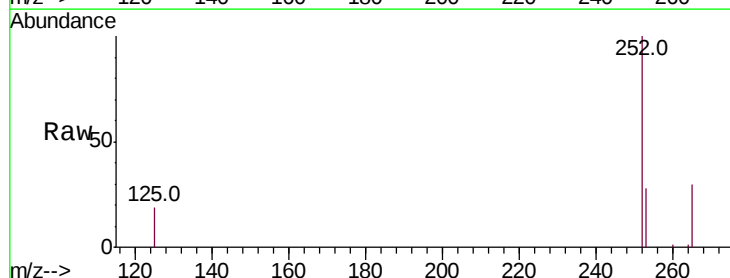
Instrument :
BNA_M
ClientSampleId :
SICV82

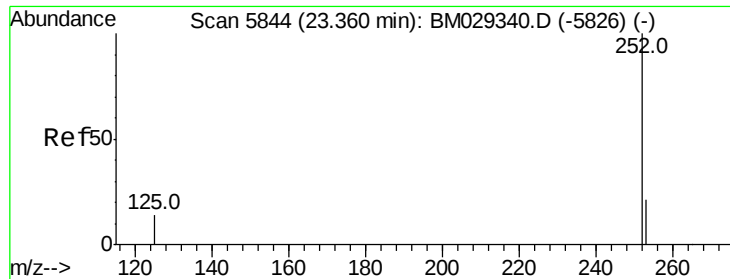
Tot Ion:252 Resp: 8532
Ion Ratio Lower Upper
252 100
253 27.6 0.0 53.6
125 19.5 0.0 36.6



#22
Benzo(k)fluoranthene
Concen: 0.408 ng/u1
RT: 22.84 min Scan# 5629
Delta R.T. 0.00 min
Lab File: BM029344.D
Acq: 05 Apr 2021 16:32

Tgt Ion:252 Resp: 8722
Ion Ratio Lower Upper
252 100
253 28.1 21.1 31.7
125 19.1 14.5 21.7





#23

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 23.36 min Scan# 5844

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

Instrument :

BNA_M

ClientSampleId :

SICV82

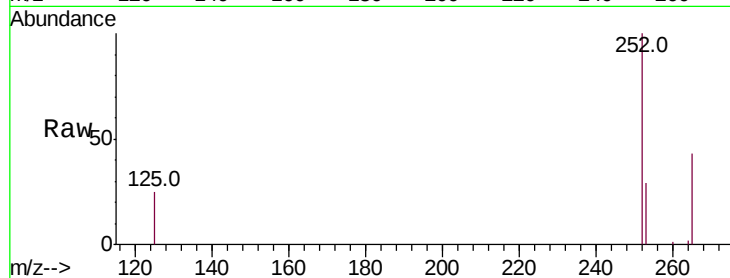
Tot Ion:252 Resp: 7280

Ion Ratio Lower Upper

252 100

253 29.3 23.6 35.4

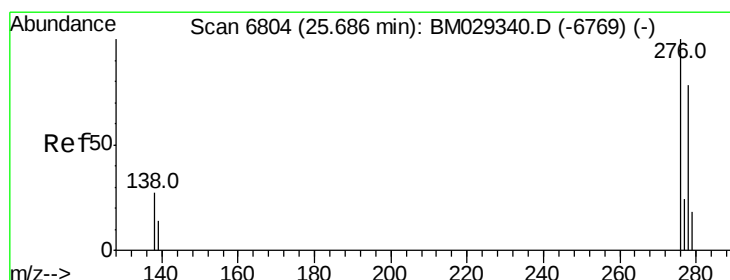
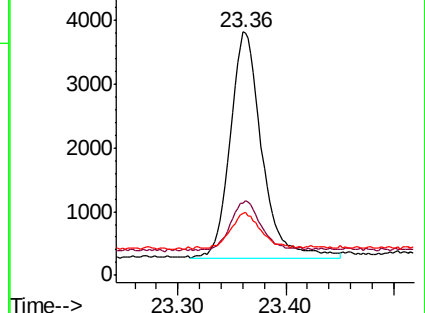
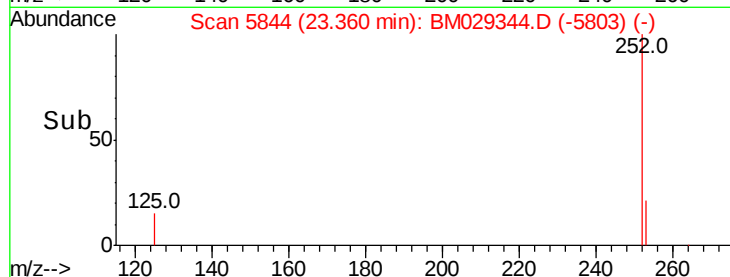
125 25.2 18.4 27.6



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: 0.405 ng/ul

RT: 25.68 min Scan# 6802

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

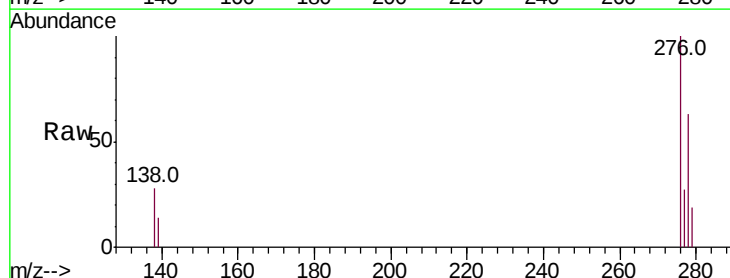
Tgt Ion:276 Resp: 10133

Ion Ratio Lower Upper

276 100

138 27.3 21.7 32.5

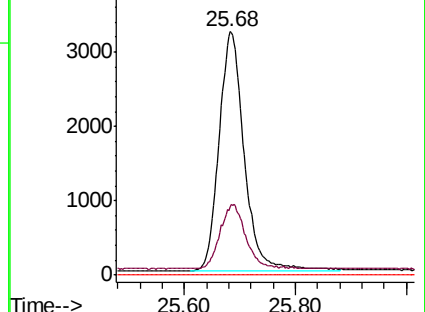
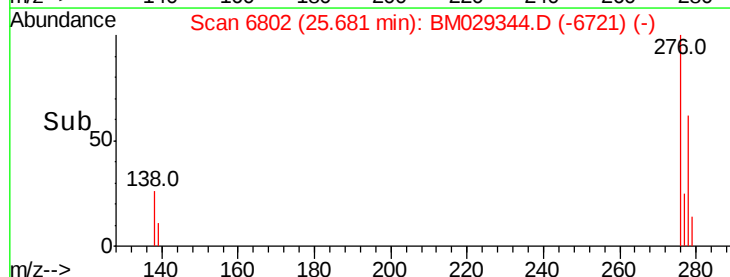
227 0.0 0.0 0.0

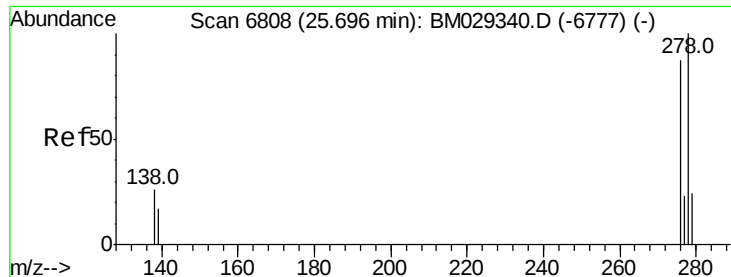


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.408 ng/u1

RT: 25.70 min Scan# 6809

Delta R.T. 0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

Instrument :

BNA_M

ClientSampleId :

SICV82

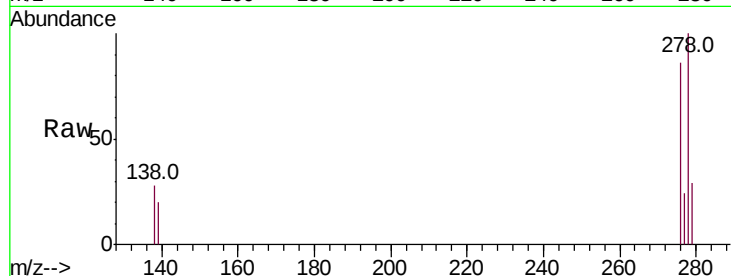
Tot Ion:278 Resp: 8552

Ion Ratio Lower Upper

278 100

139 19.8 15.7 23.5

279 28.6 22.8 34.2

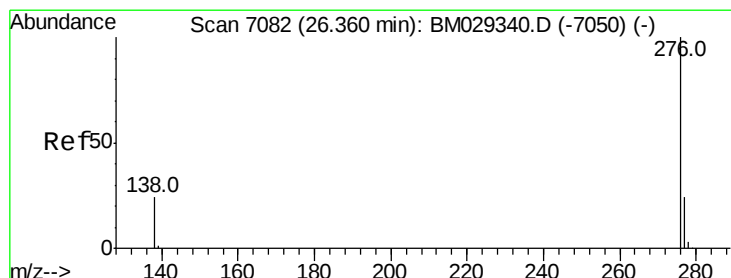
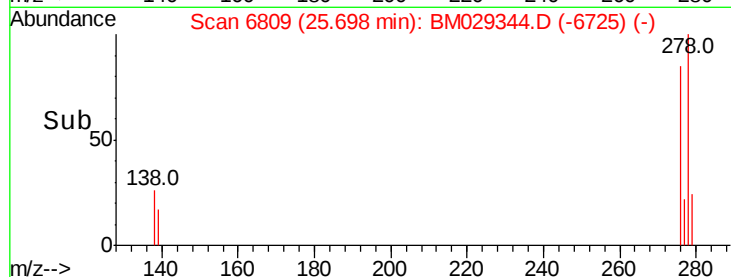
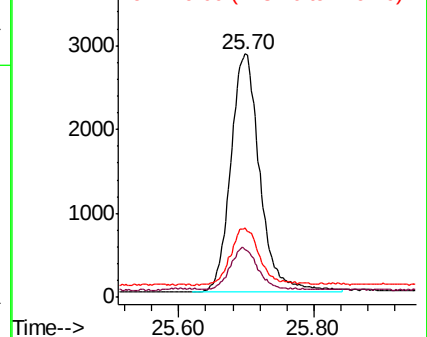


Abundance

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(g,h,i)perylene

Concen: 0.411 ng/u1

RT: 26.36 min Scan# 7081

Delta R.T. -0.00 min

Lab File: BM029344.D

Acq: 05 Apr 2021 16:32

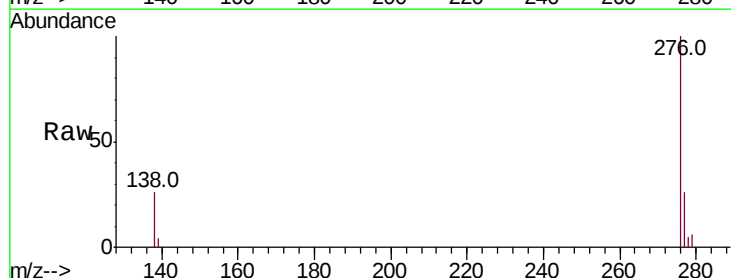
Tgt Ion:276 Resp: 8724

Ion Ratio Lower Upper

276 100

138 26.3 20.6 31.0

277 26.2 20.7 31.1



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

