

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
 Data File : BM028109.D
 Acq On : 11 Dec 2020 20:59
 Operator : JU/CG
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV001

Quant Time: Dec 12 03:30:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 12 03:21:54 2020
 Response via : Initial Calibration

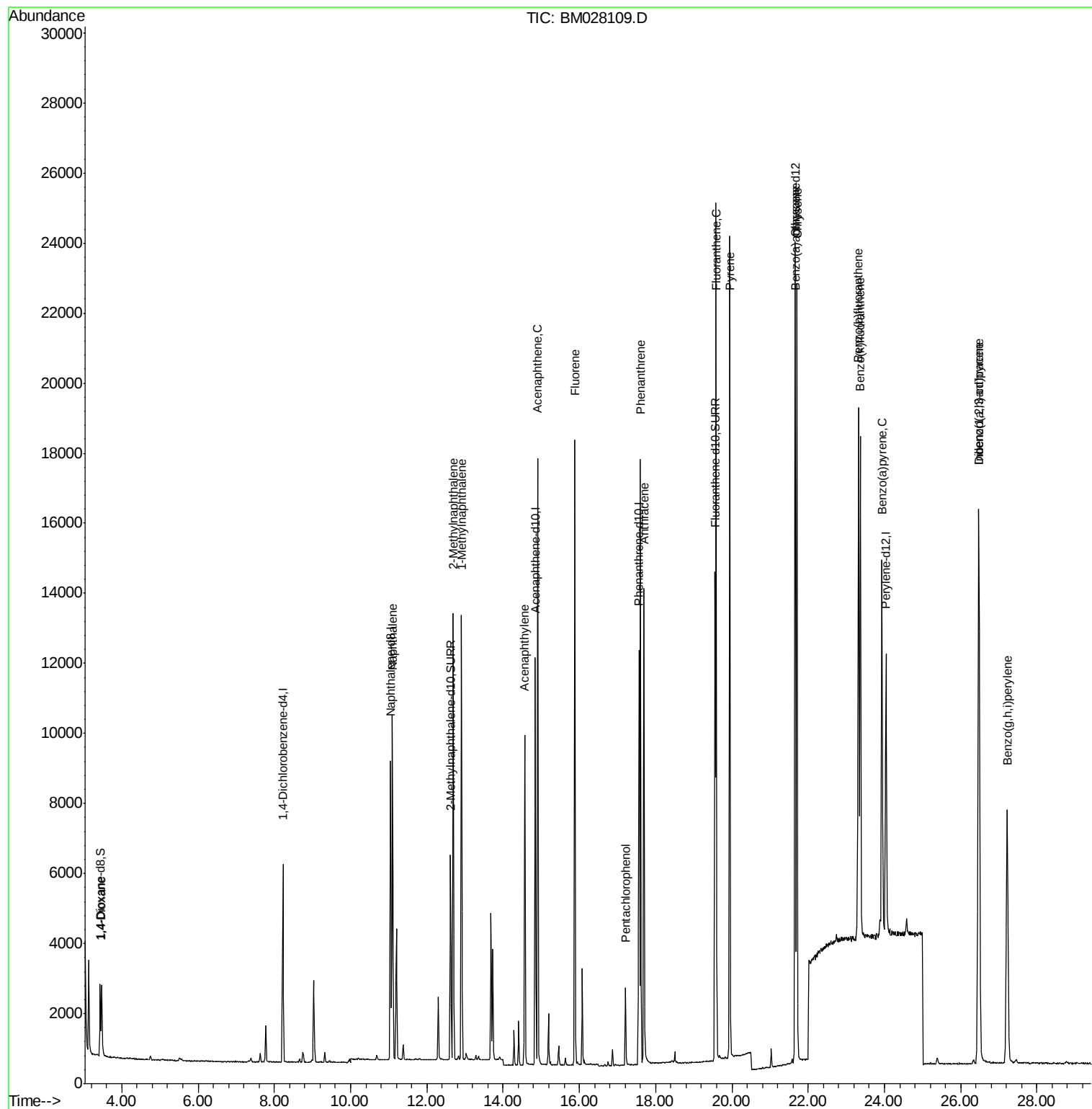
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2784	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	10994	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.85	164	6393	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	13605	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	12690	0.40	ng/ul	0.00
23) Perylene-d12	24.04	264	11179	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	1338	0.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	7175	0.43	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	14856	0.39	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.47	88	1389	0.394	ng/ul	97
5) Naphthalene	11.10	128	13093	0.422	ng/ul	100
7) 2-Methylnaphthalene	12.69	142	8790	0.429	ng/ul	99
8) 1-Methylnaphthalene	12.91	142	8406	0.430	ng/ul	100
10) Acenaphthylene	14.57	152	10608	0.411	ng/ul	100
11) Acenaphthene	14.91	153	9544	0.421	ng/ul	100
12) Fluorene	15.88	166	11083	0.430	ng/ul	100
14) Pentachlorophenol	17.21	266	1400	0.405	ng/ul	98
15) Phenanthrene	17.60	178	17766	0.426	ng/ul	100
16) Anthracene	17.69	178	15312	0.418	ng/ul	99
19) Fluoranthene	19.58	202	19739	0.396	ng/ul	97
20) Pyrene	19.94	202	19617	0.394	ng/ul	97
21) Benzo(a)anthracene	21.65	228	17704	0.423	ng/ul	99
22) Chrysene	21.71	228	19307	0.428	ng/ul	100
24) Benzo(b)fluoranthene	23.32	252	19449	0.433	ng/ul	99
25) Benzo(k)fluoranthene	23.37	252	18521	0.429	ng/ul	99
26) Benzo(a)pyrene	23.93	252	16007	0.431	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.47	276	18680	0.414	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.48	278	15528	0.411	ng/ul	98
29) Benzo(g,h,i)perylene	27.22	276	16072	0.409	ng/ul	99

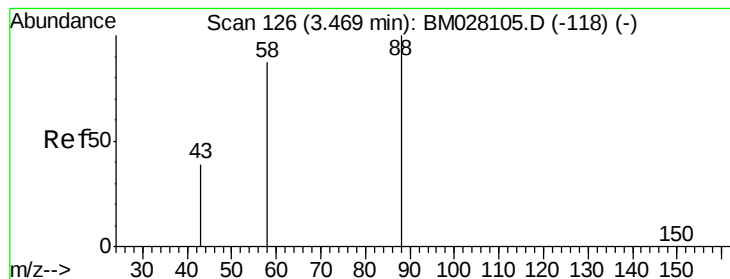
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.394 ng/ul

RT: 3.47 min Scan# 126

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

Instrument :

BNA_M

ClientSampleId :

SICV001

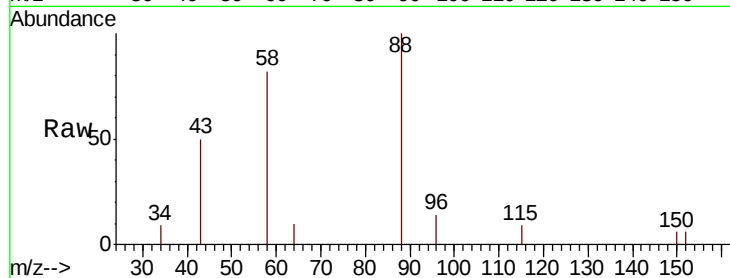
Tot Ion: 88 Resp: 1389

Ion Ratio Lower Upper

88 100

43 49.9 39.5 59.3

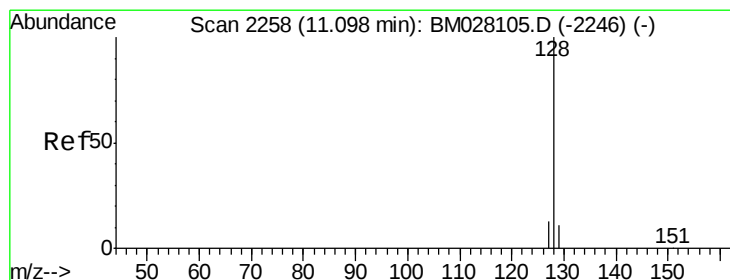
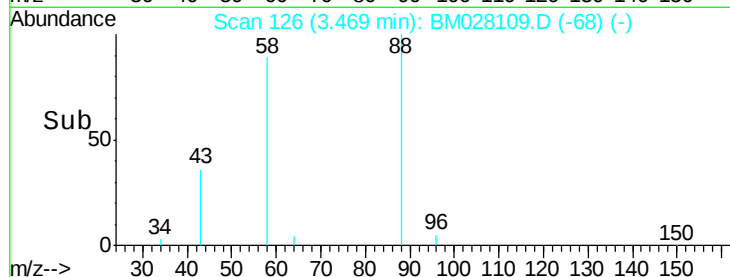
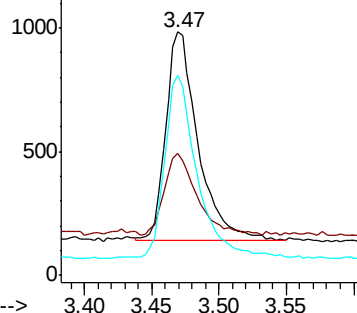
58 82.2 62.8 94.2



Abundance Ion 88.00 (87.70 to 88.70): BM028109.D (-118) (-)

Ion 43.00 (42.70 to 43.70): BM028109.D (-118) (-)

Ion 58.00 (57.70 to 58.70): BM028109.D (-118) (-)



#5

Naphthalene

Concen: 0.422 ng/ul

RT: 11.10 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

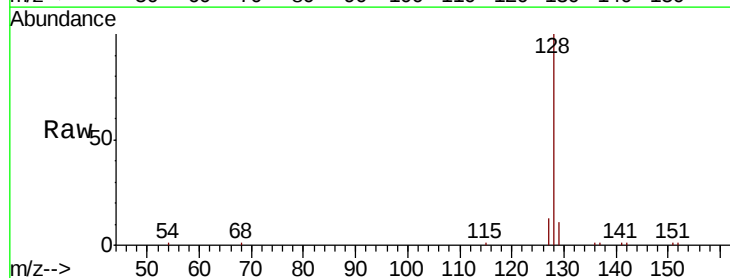
Tgt Ion: 128 Resp: 13093

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

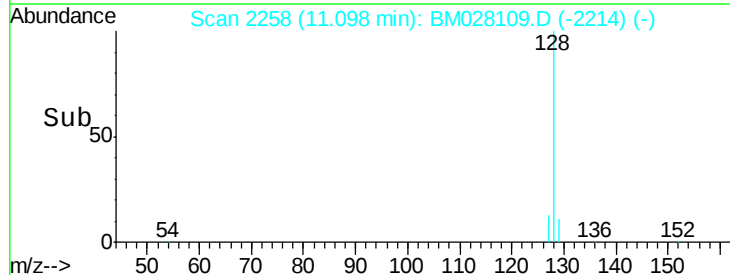
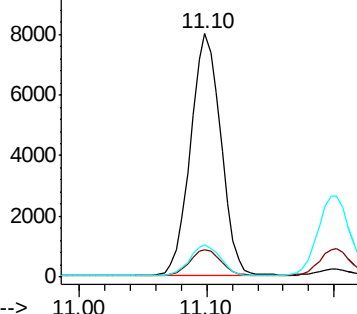
127 13.4 10.8 16.2

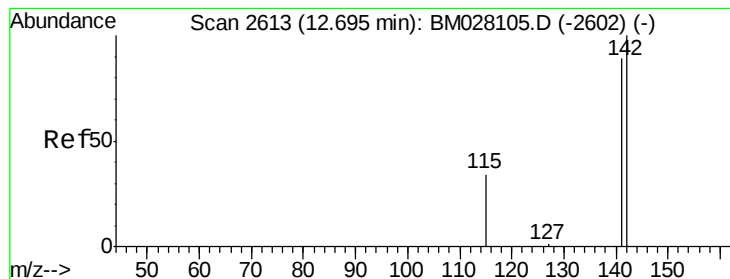


Abundance Ion 128.00 (127.70 to 128.70): BM028109.D (-2214) (-)

Ion 129.00 (128.70 to 129.70): BM028109.D (-2214) (-)

Ion 127.00 (126.70 to 127.70): BM028109.D (-2214) (-)





#7

2-Methylnaphthalene

Concen: 0.429 ng/ul

RT: 12.69 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

Instrument :

BNA_M

ClientSampleId :

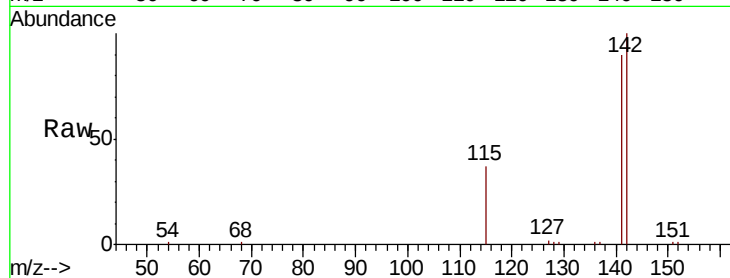
SICV001

Tot Ion:142 Resp: 8790

Ion Ratio Lower Upper

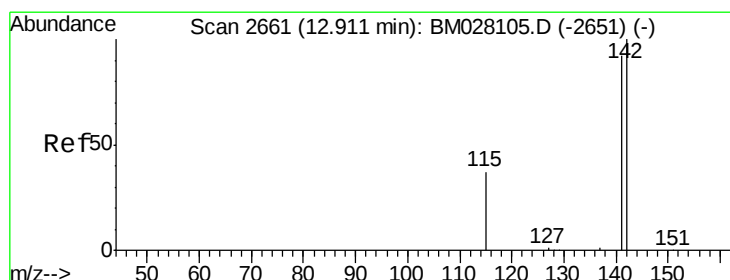
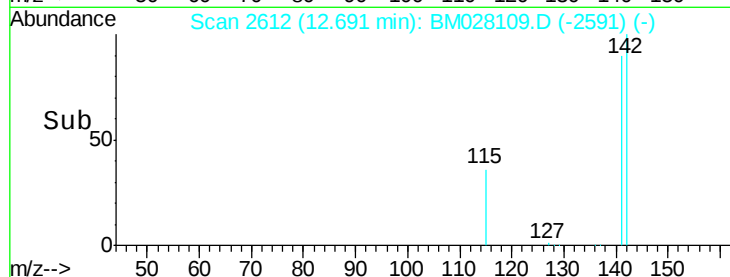
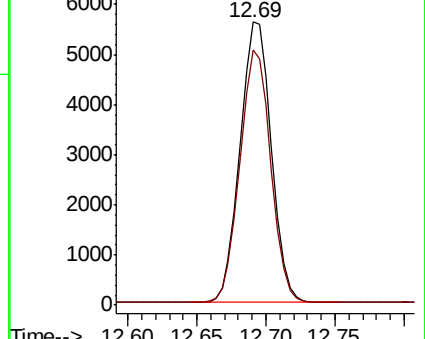
142 100

141 89.0 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.430 ng/ul

RT: 12.91 min Scan# 2661

Delta R.T. 0.00 min

Lab File: BM028109.D

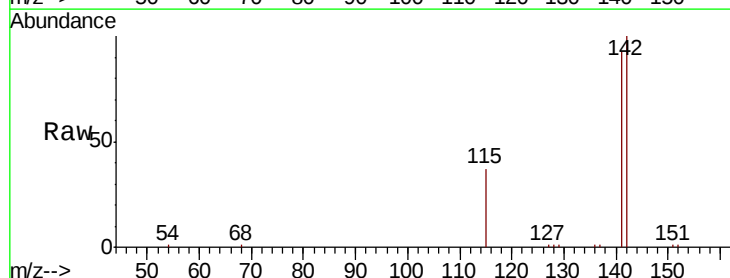
Acq: 11 Dec 2020 20:59

Tgt Ion:142 Resp: 8406

Ion Ratio Lower Upper

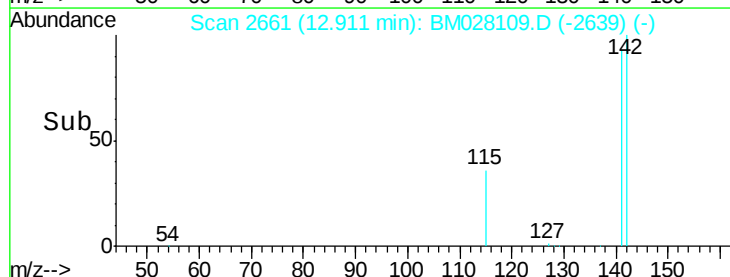
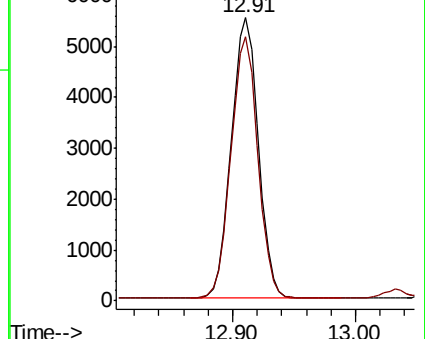
142 100

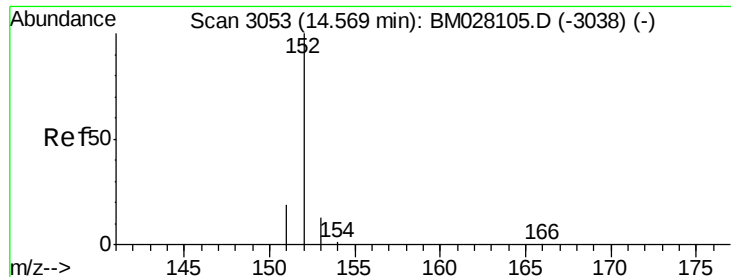
141 92.3 73.8 110.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.411 ng/ul

RT: 14.57 min Scan# 3053

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

Instrument :

BNA_M

ClientSampleId :

SICV001

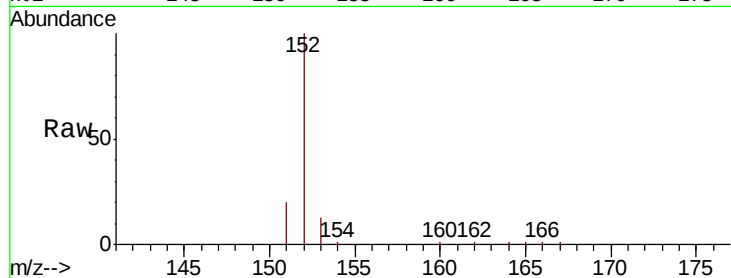
Tot Ion:152 Resp: 10608

Ion Ratio Lower Upper

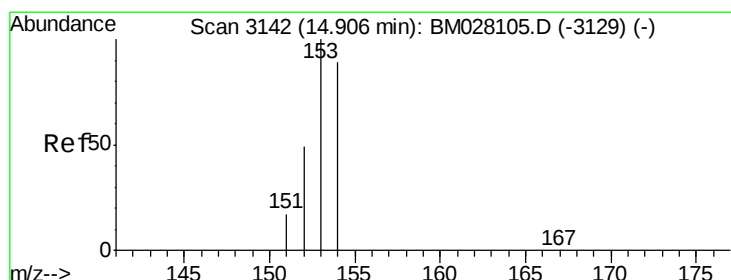
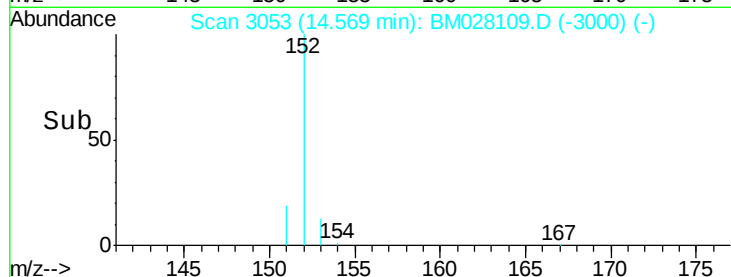
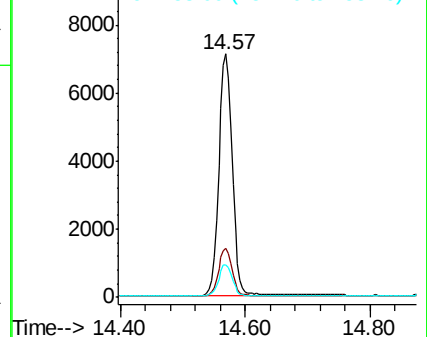
152 100

151 19.9 15.9 23.9

153 13.4 10.7 16.1



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



#11

Acenaphthene

Concen: 0.421 ng/ul

RT: 14.91 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

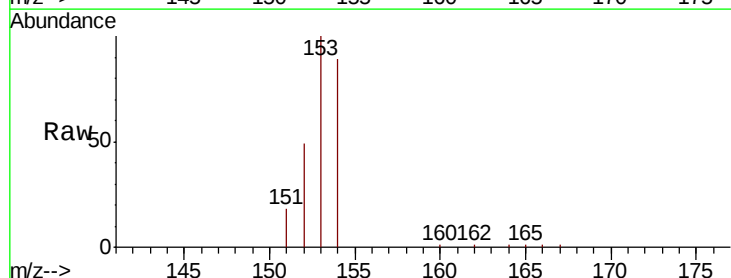
Tgt Ion:153 Resp: 9544

Ion Ratio Lower Upper

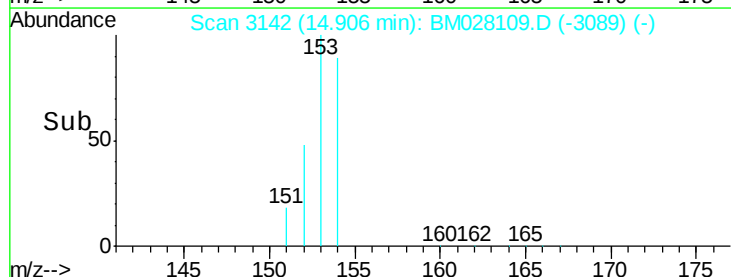
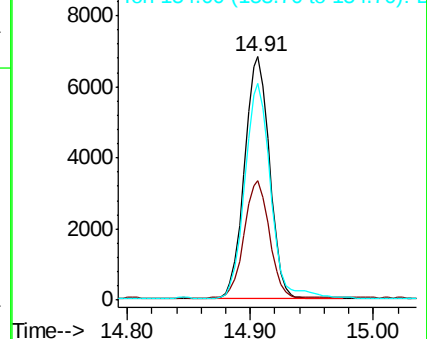
153 100

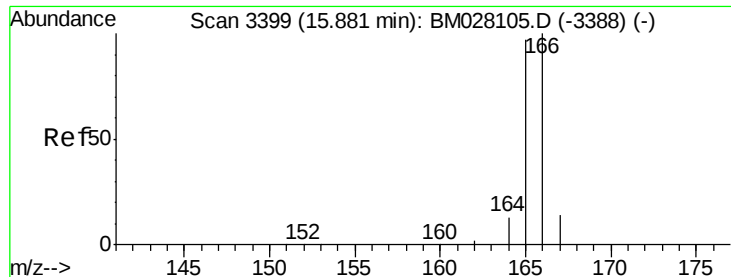
152 48.9 39.5 59.3

154 88.9 71.0 106.4



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





#12

Fluorene

Concen: 0.430 ng/ul

RT: 15.88 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

Instrument :

BNA_M

ClientSampleId :

SICV001

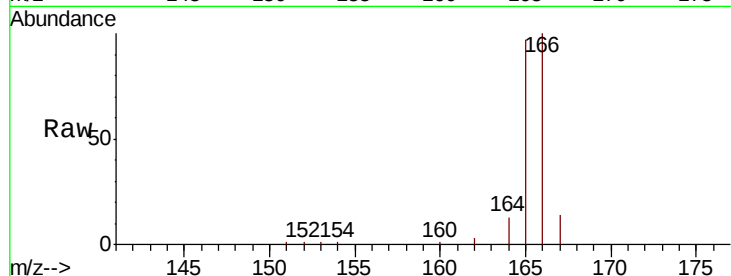
Tot Ion:166 Resp: 11083

Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

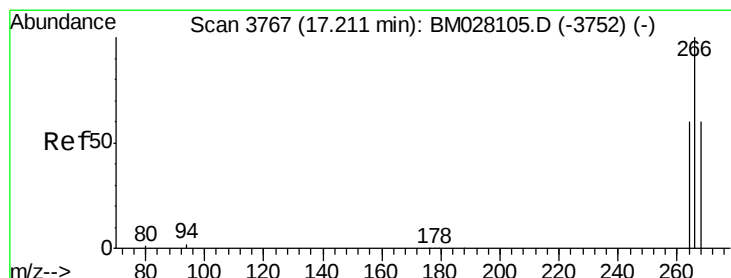
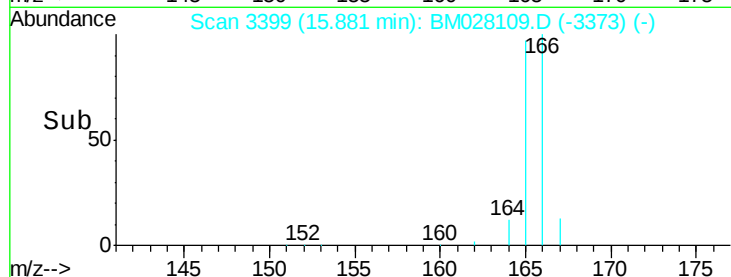
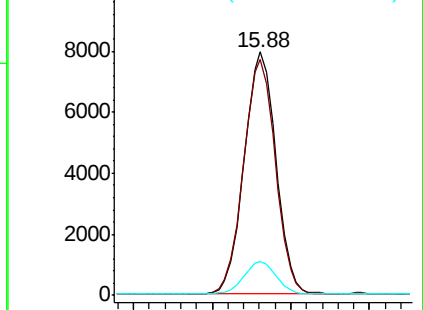
167 13.9 11.4 17.0



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



#14

Pentachlorophenol

Concen: 0.405 ng/ul

RT: 17.21 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

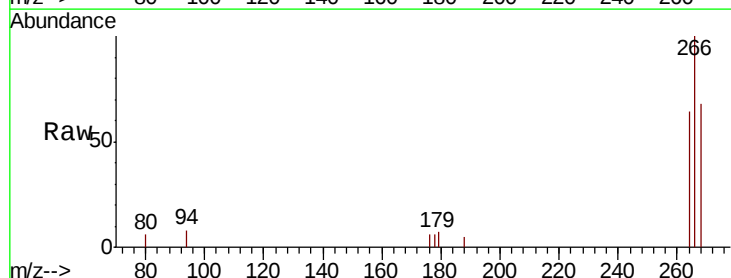
Tgt Ion:266 Resp: 1400

Ion Ratio Lower Upper

266 100

264 62.6 51.6 77.4

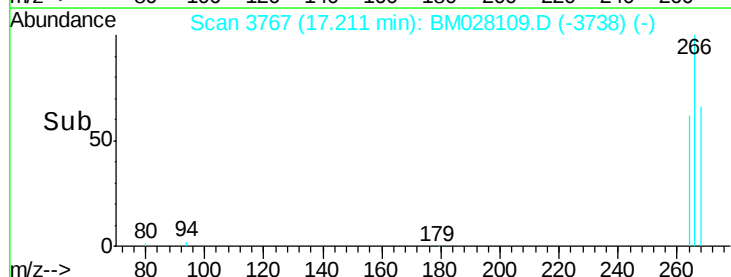
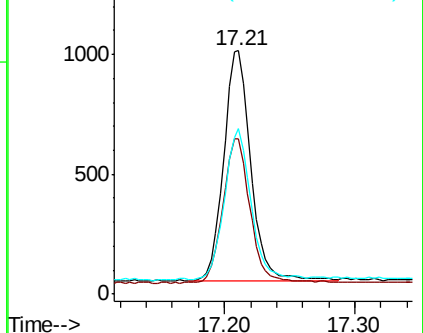
268 64.9 51.6 77.4

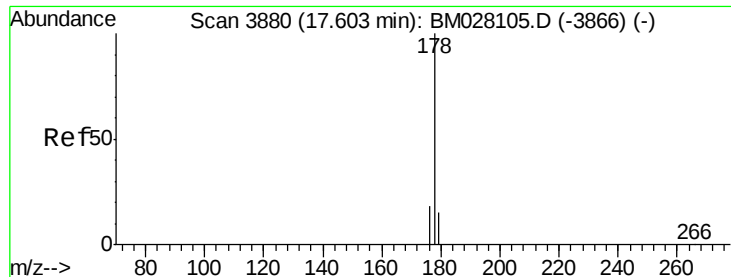


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#15

Phenanthrene

Concen: 0.426 ng/ul

RT: 17.60 min Scan# 3880

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

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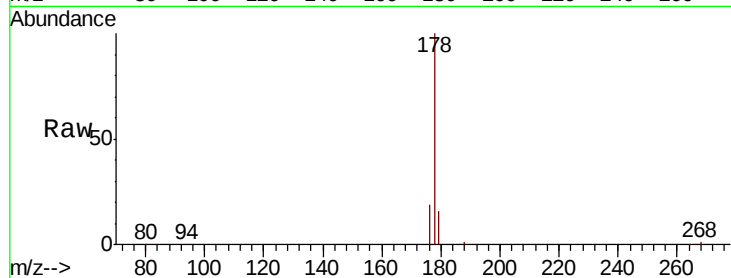
Tot Ion:178 Resp: 17766

Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

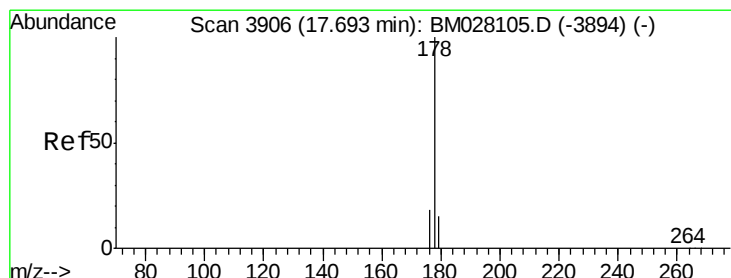
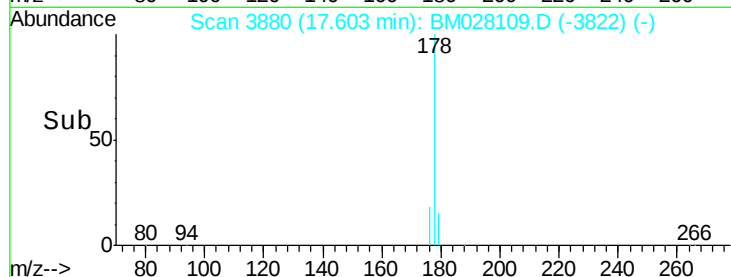
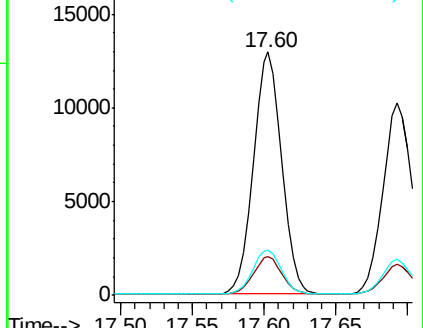
176 18.6 14.9 22.3



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



#16

Anthracene

Concen: 0.418 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

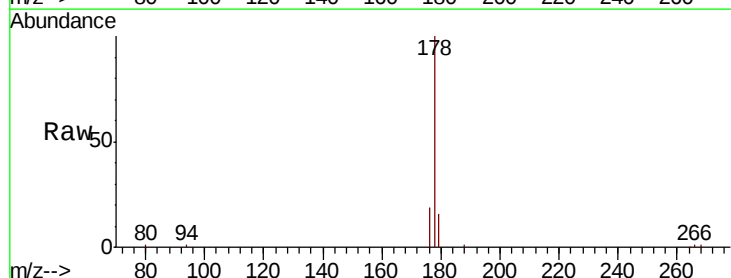
Tgt Ion:178 Resp: 15312

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

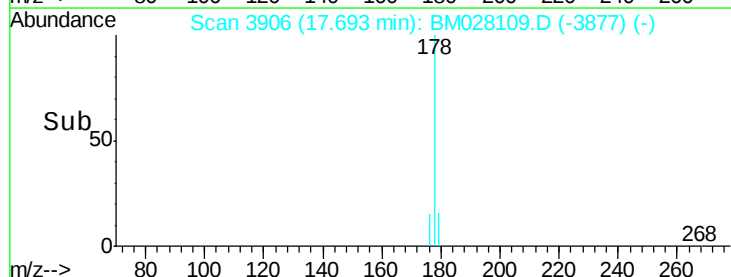
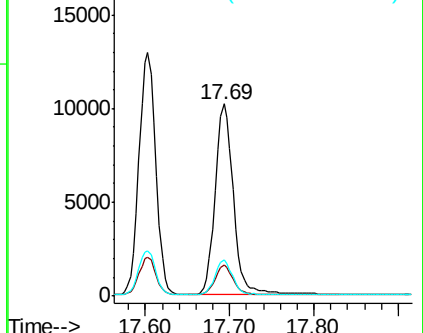
176 18.7 14.7 22.1

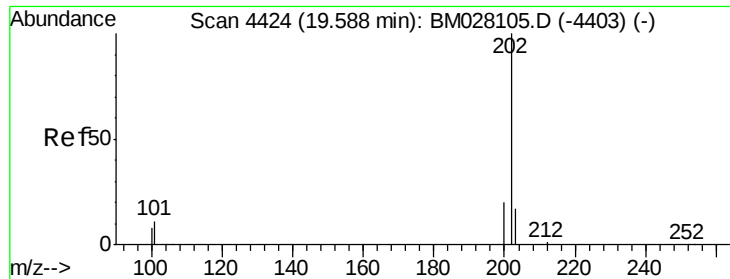


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#19

Fluoranthene

Concen: 0.396 ng/ul

RT: 19.58 min Scan# 4423

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

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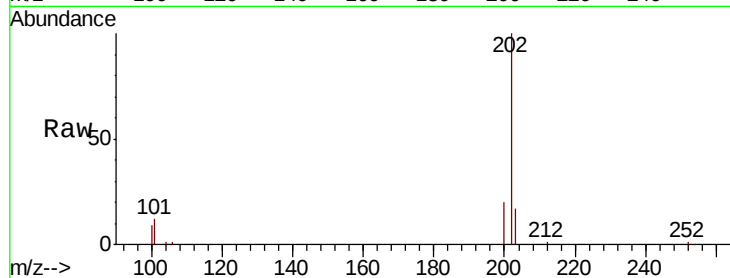
Tot Ion:202 Resp: 19739

Ion Ratio Lower Upper

202 100

101 12.1 8.8 13.2

100 9.3 6.8 10.2

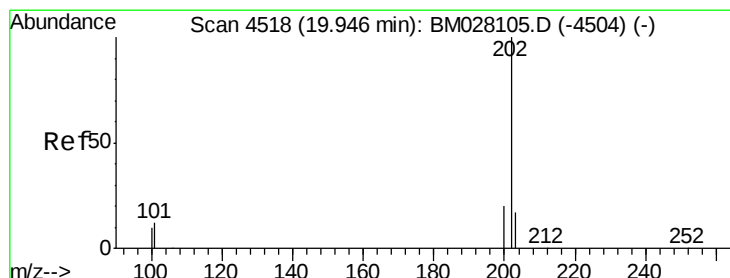
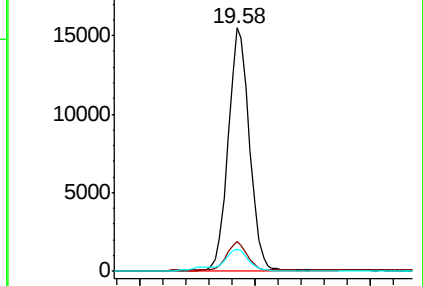
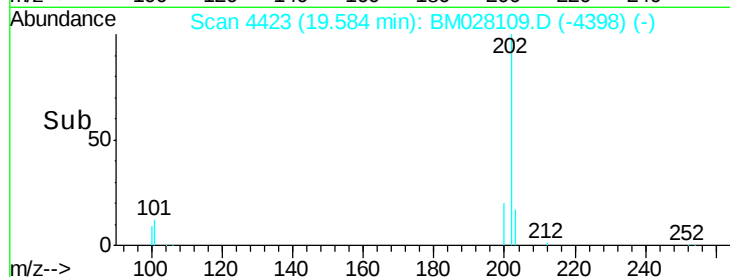


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.58



#20

Pyrene

Concen: 0.394 ng/ul

RT: 19.94 min Scan# 4517

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

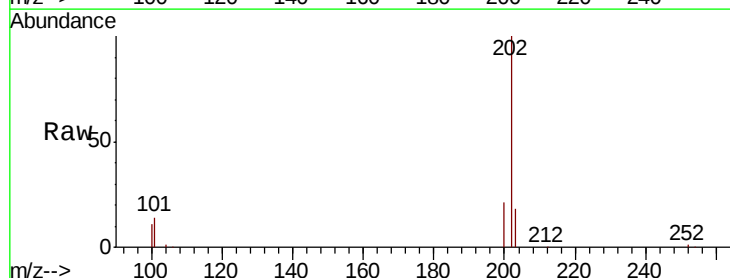
Tgt Ion:202 Resp: 19617

Ion Ratio Lower Upper

202 100

101 13.9 10.1 15.1

100 11.5 8.4 12.6

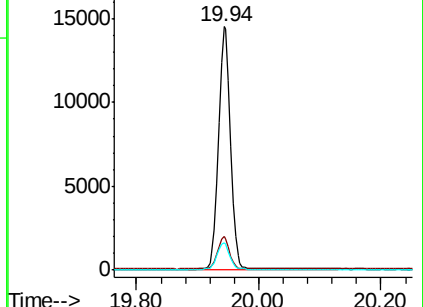
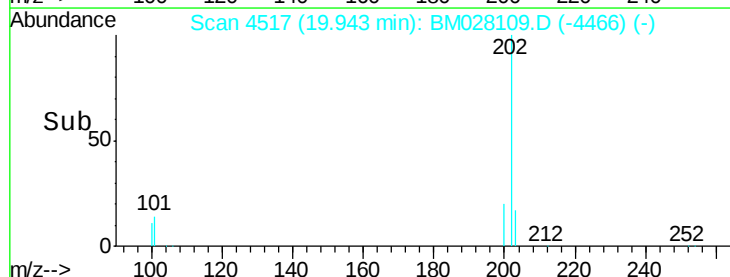


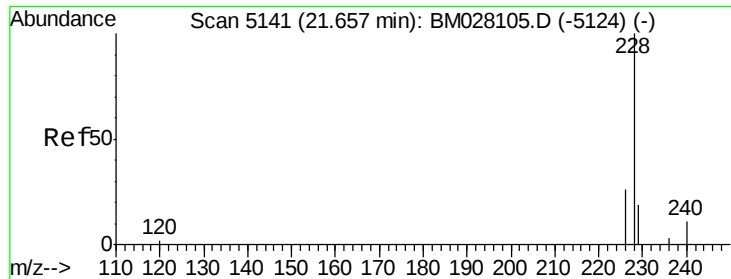
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.94





#21

Benzo(a)anthracene

Concen: 0.423 ng/ul

RT: 21.65 min Scan# 5140

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

Instrument :

BNA_M

ClientSampleId :

SICV001

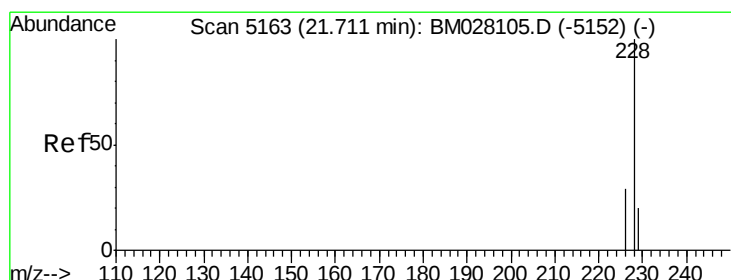
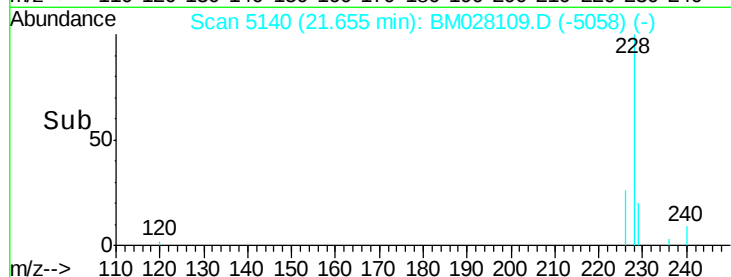
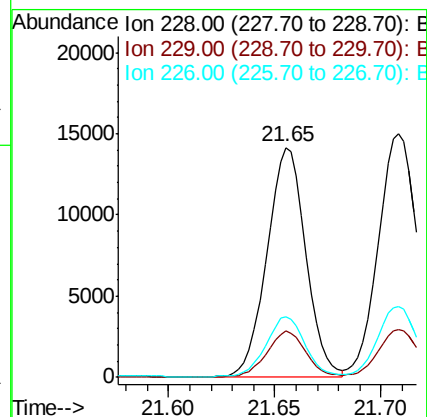
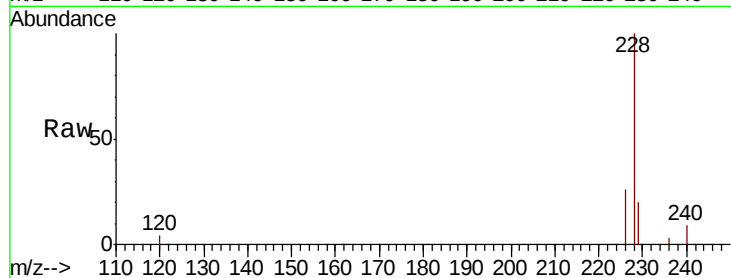
Tot Ion:228 Resp: 17704

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 26.2 20.7 31.1



#22

Chrysene

Concen: 0.428 ng/ul

RT: 21.71 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

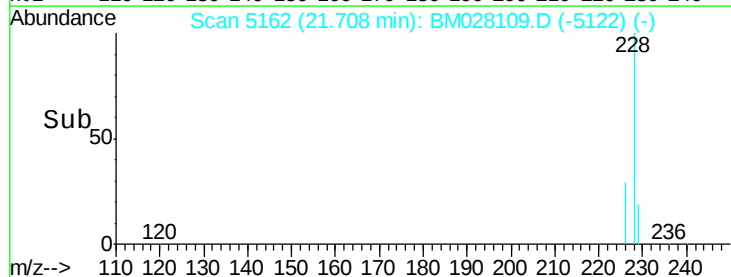
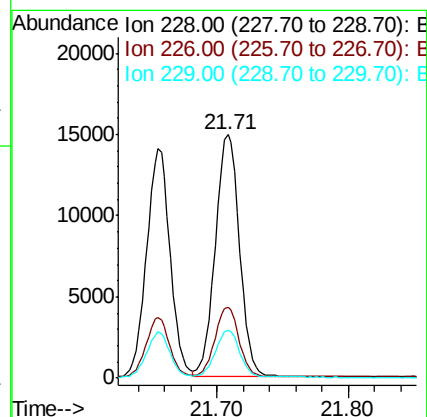
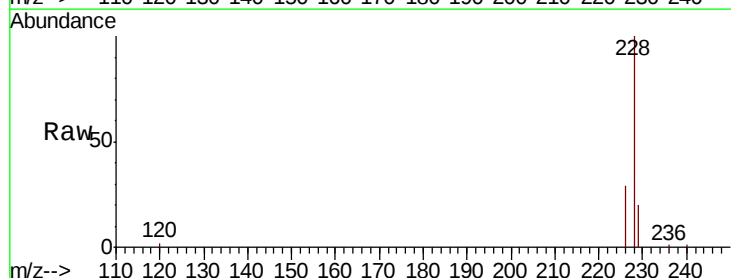
Tgt Ion:228 Resp: 19307

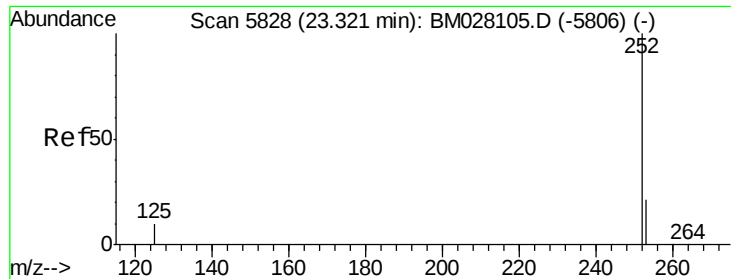
Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

229 19.7 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.433 ng/ul

RT: 23.32 min Scan# 5827

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

Instrument :

BNA_M

ClientSampleId :

SICV001

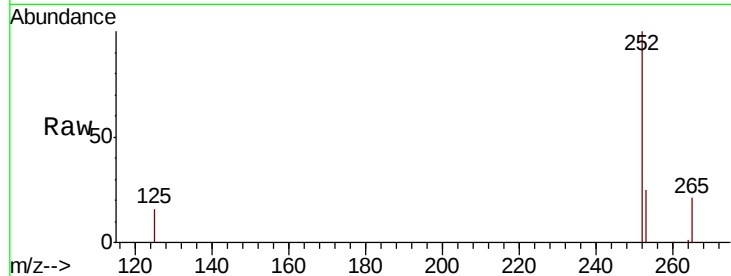
Tot Ion:252 Resp: 19449

Ion Ratio Lower Upper

252 100

253 25.0 0.0 51.4

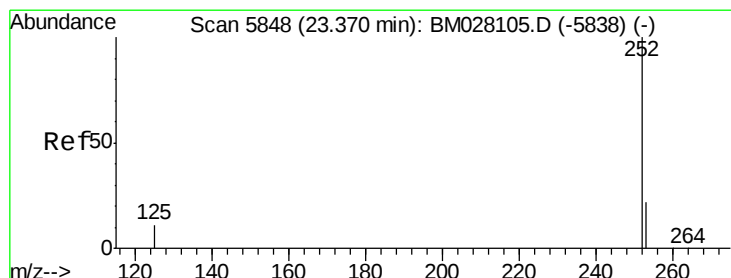
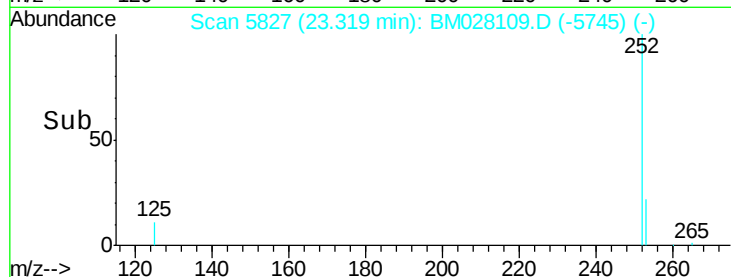
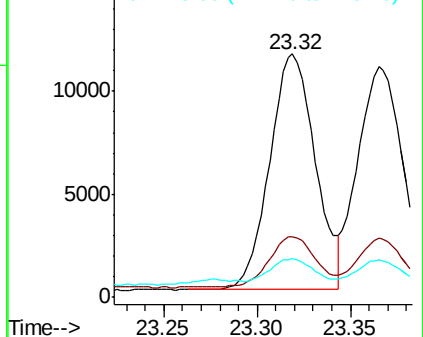
125 15.8 0.0 32.8



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



#25

Benzo(k)fluoranthene

Concen: 0.429 ng/ul

RT: 23.37 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

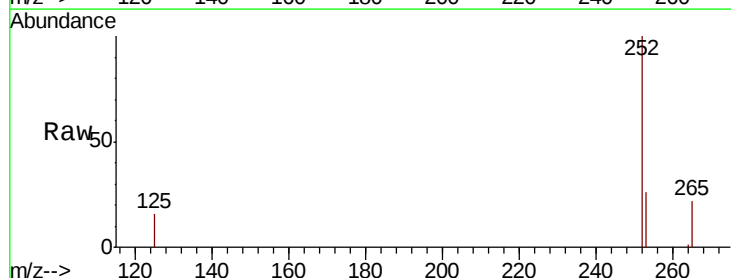
Tgt Ion:252 Resp: 18521

Ion Ratio Lower Upper

252 100

253 25.5 21.1 31.7

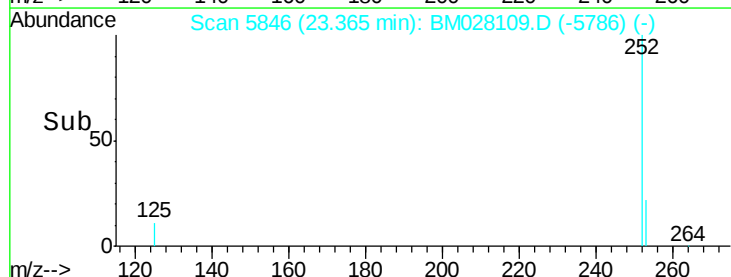
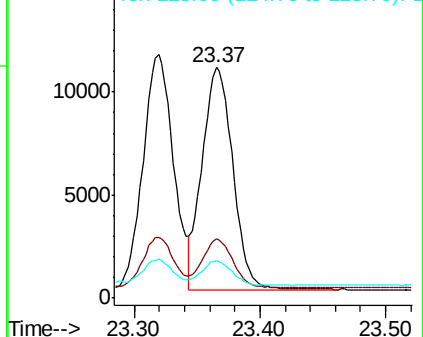
125 16.3 13.4 20.2

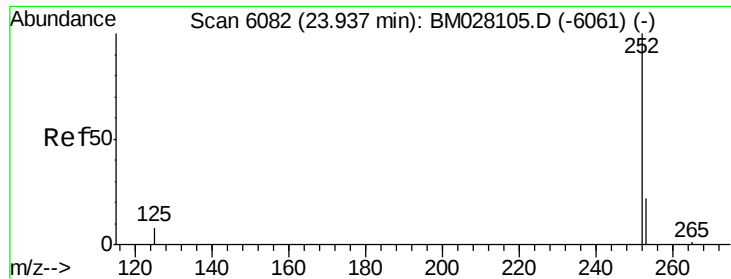


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.93 min Scan# 6081

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

Instrument :

BNA_M

ClientSampleId :

SICV001

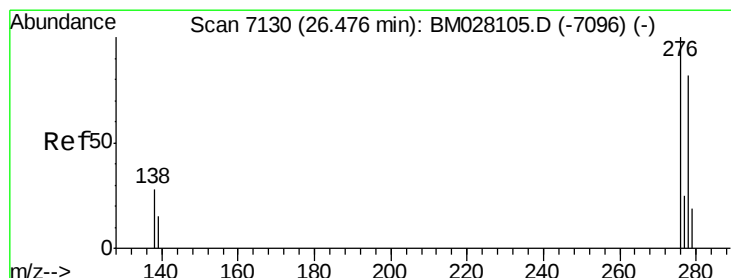
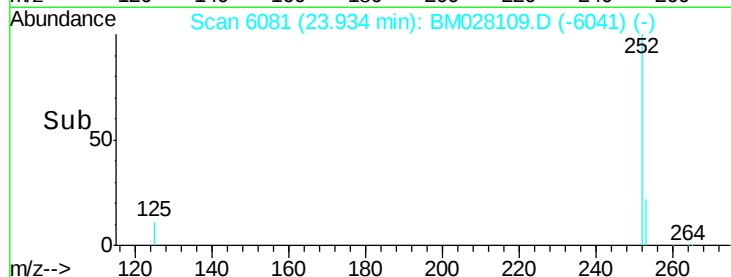
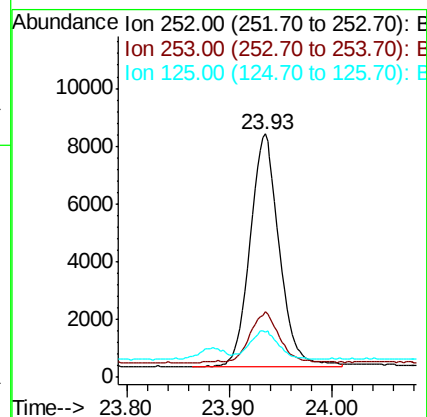
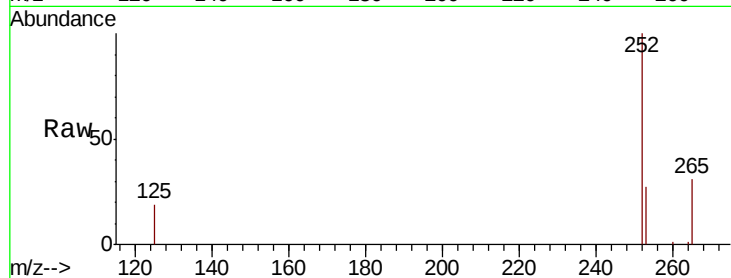
Tot Ion:252 Resp: 16007

Ion Ratio Lower Upper

252 100

253 26.8 22.3 33.5

125 18.7 16.1 24.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 26.47 min Scan# 7128

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

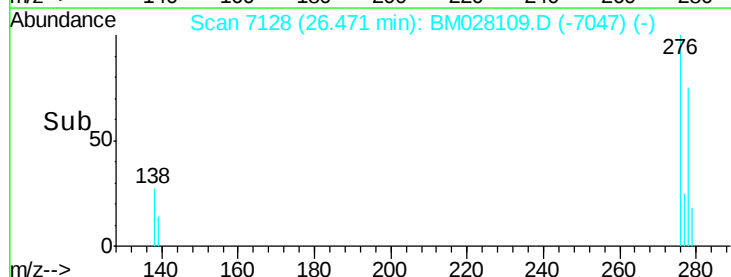
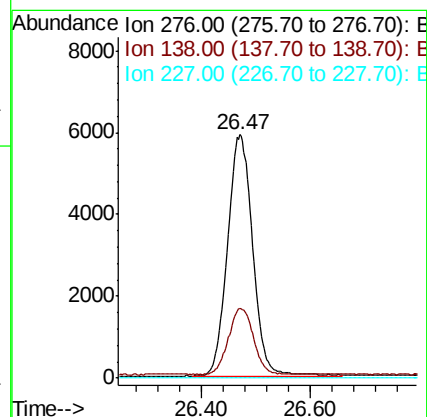
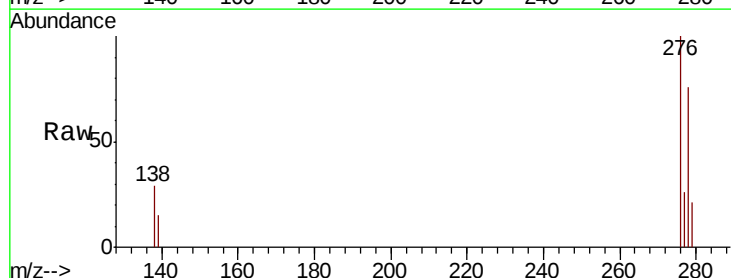
Tgt Ion:276 Resp: 18680

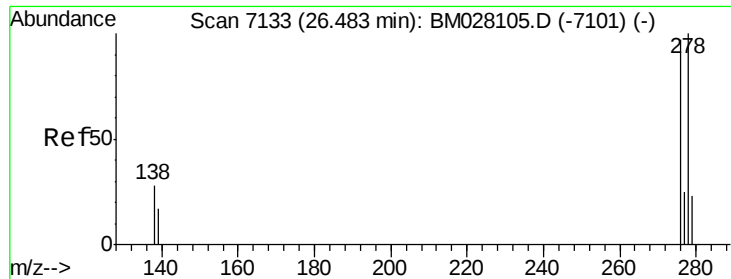
Ion Ratio Lower Upper

276 100

138 27.4 21.7 32.5

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.411 ng/ul

RT: 26.48 min Scan# 7133

Delta R.T. 0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

Instrument :

BNA_M

ClientSampleId :

SICV001

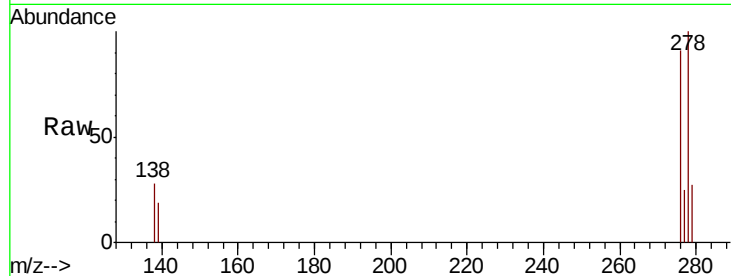
Tot Ion:278 Resp: 15528

Ion Ratio Lower Upper

278 100

139 18.6 15.2 22.8

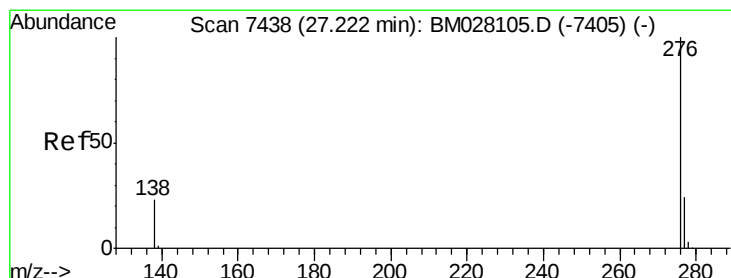
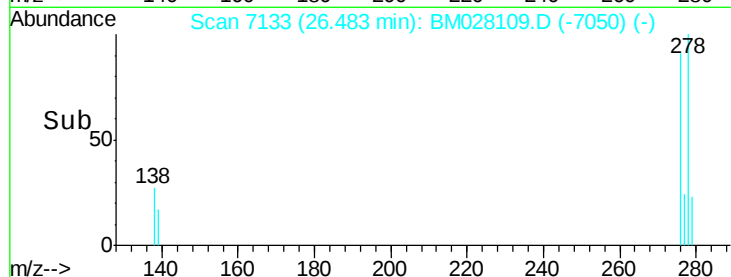
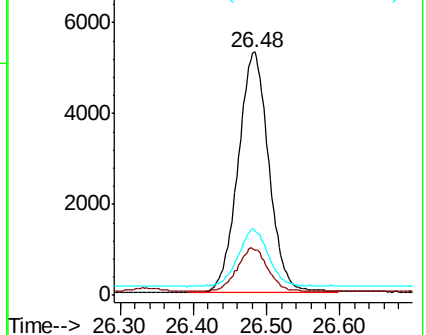
279 26.6 22.2 33.4



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



#29

Benzo(g,h,i)perylene

Concen: 0.409 ng/ul

RT: 27.22 min Scan# 7436

Delta R.T. -0.00 min

Lab File: BM028109.D

Acq: 11 Dec 2020 20:59

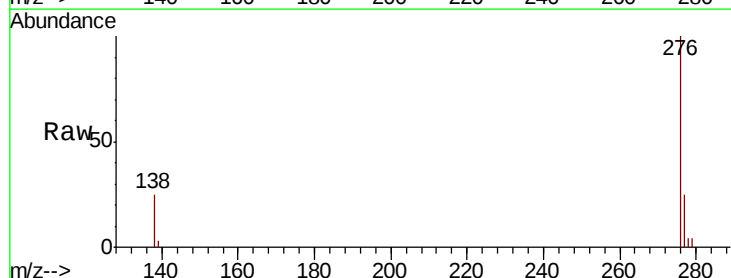
Tgt Ion:276 Resp: 16072

Ion Ratio Lower Upper

276 100

138 24.8 19.7 29.5

277 24.6 20.6 31.0



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

