

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
 Data File : BM028107.D
 Acq On : 11 Dec 2020 19:47
 Operator : JU/CG
 Sample : SSTD1.602
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6021

Quant Time: Dec 12 02:54:56 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 02:45:43 2020
 Response via : Initial Calibration

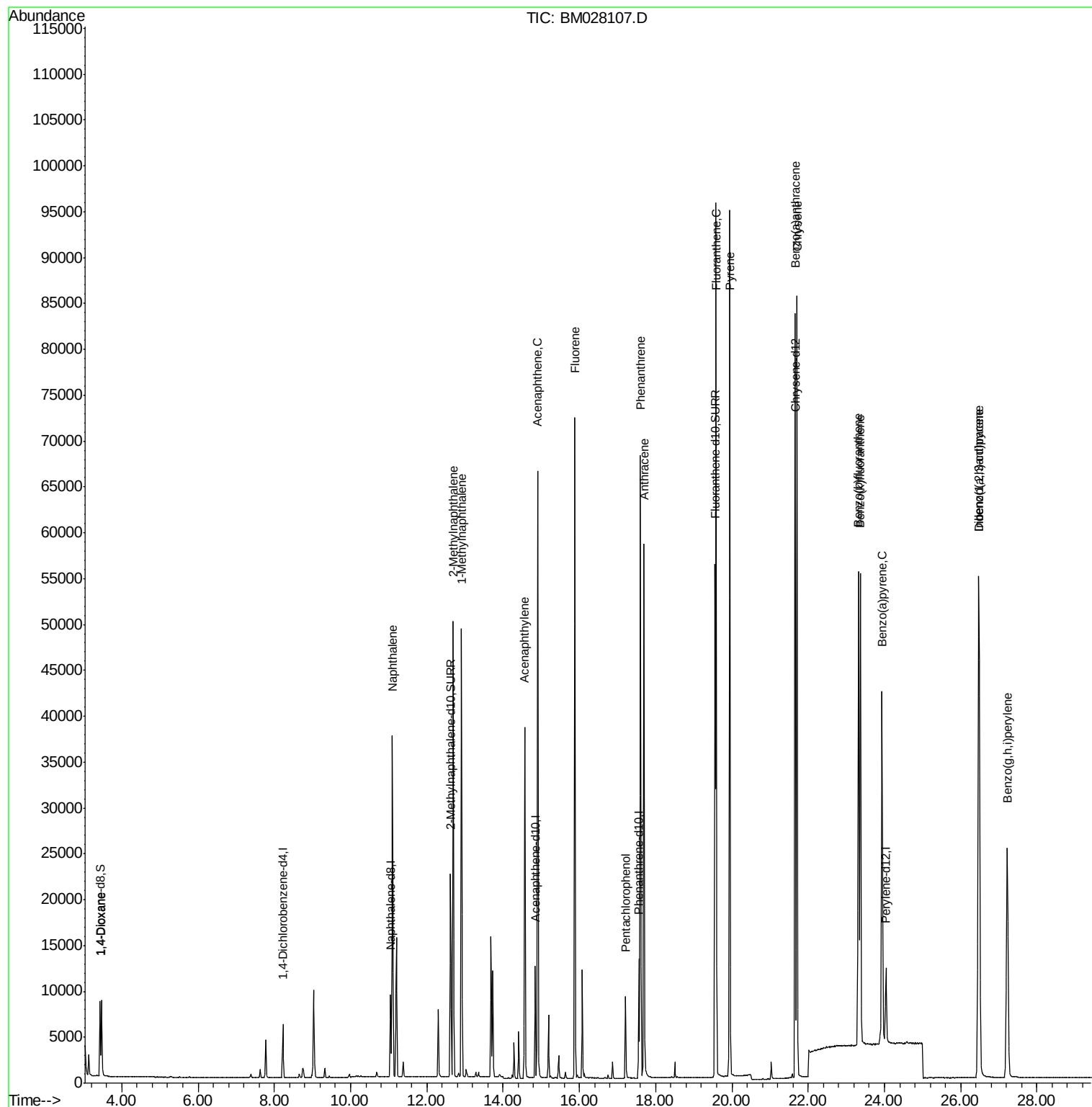
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2892	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	11548	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.85	164	6726	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	14876	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	14121	0.40	ng/ul	0.00
23) Perylene-d12	24.04	264	11383	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	5026	1.70	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	27697	1.44	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	56779	1.31	ng/ul	0.00
Target Compounds					Ovalue	
2) 1,4-Dioxane	3.47	88	5359	1.678	ng/ul	92
5) Naphthalene	11.10	128	49747	1.520	ng/ul	99
7) 2-Methylnaphthalene	12.70	142	34054	1.510	ng/ul	99
8) 1-Methylnaphthalene	12.91	142	32440	1.523	ng/ul	100
10) Acenaphthylene	14.57	152	43525	1.448	ng/ul	99
11) Acenaphthene	14.91	153	36924	1.617	ng/ul	99
12) Fluorene	15.88	166	43561	1.614	ng/ul	99
14) Pentachlorophenol	17.21	266	5805	1.184	ng/ul	98
15) Phenanthrene	17.60	178	68357	1.575	ng/ul	100
16) Anthracene	17.69	178	63023	1.479	ng/ul	99
19) Fluoranthene	19.59	202	78316	1.417	ng/ul	99
20) Pyrene	19.95	202	77349	1.404	ng/ul	100
21) Benzo(a)anthracene	21.66	228	68510	1.326	ng/ul	100
22) Chrysene	21.71	228	71936	1.357	ng/ul	99
24) Benzo(b)fluoranthene	23.32	252	68033	1.487	ng/ul	93
25) Benzo(k)fluoranthene	23.37	252	66442	1.458	ng/ul#	91
26) Benzo(a)pyrene	23.94	252	56989	1.375	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.47	276	63901	1.312	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.49	278	53579	1.322	ng/ul	95
29) Benzo(a,h,i)perylene	27.22	276	54269	1.323	ng/ul	97

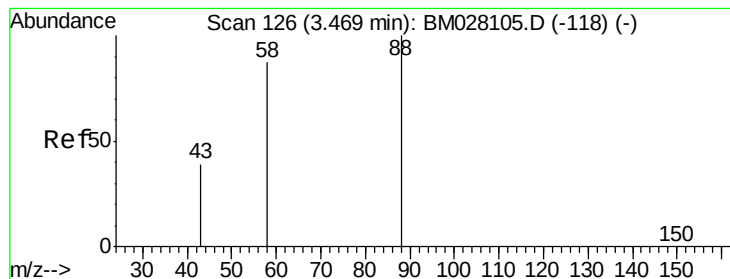
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 12 02:45:43 2020
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#2

1,4-Dioxane

Concen: 1.678 ng/ul

RT: 3.47 min Scan# 125

Delta R.T. -0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6021

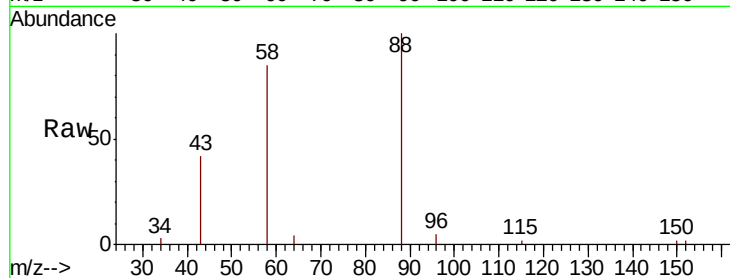
Tot Ion: 88 Resp: 5359

Ion Ratio Lower Upper

88 100

43 42.2 39.5 59.3

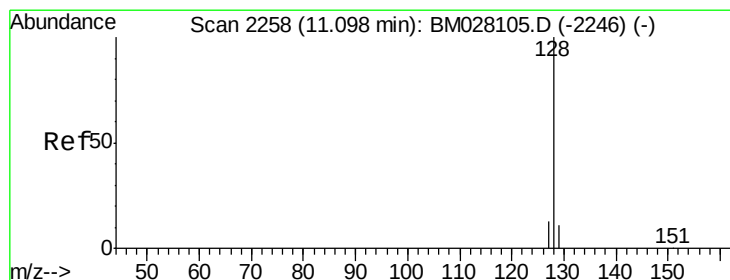
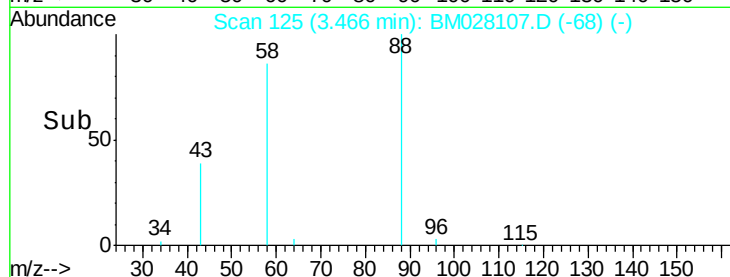
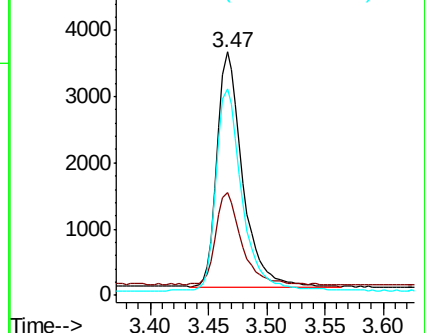
58 84.6 62.8 94.2



Abundance Ion 88.00 (87.70 to 88.70): BM028107.D (-68) (-)

5000 Ion 43.00 (42.70 to 43.70): BM028107.D (-68) (-)

4000 Ion 58.00 (57.70 to 58.70): BM028107.D (-68) (-)



#5

Naphthalene

Concen: 1.520 ng/ul

RT: 11.10 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

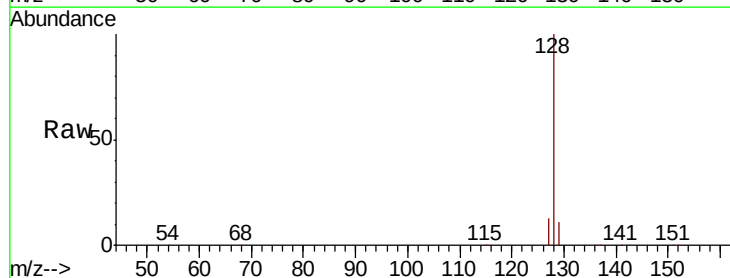
Tgt Ion: 128 Resp: 49747

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

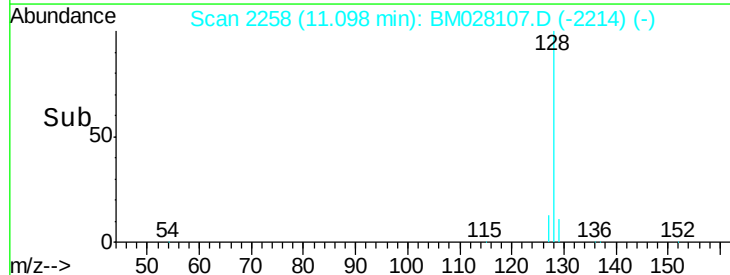
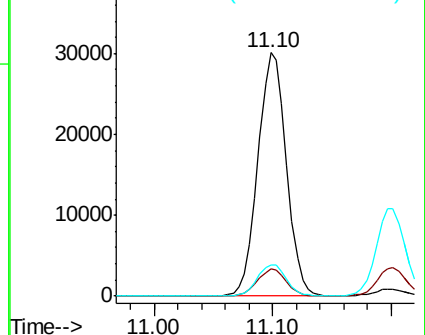
127 13.0 10.8 16.2

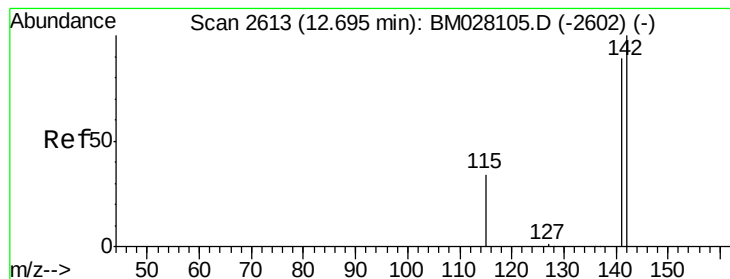


Abundance Ion 128.00 (127.70 to 128.70): BM028107.D (-2214) (-)

40000 Ion 129.00 (128.70 to 129.70): BM028107.D (-2214) (-)

30000 Ion 127.00 (126.70 to 127.70): BM028107.D (-2214) (-)





#7

2-Methylnaphthalene

Concen: 1.510 ng/ul

RT: 12.70 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

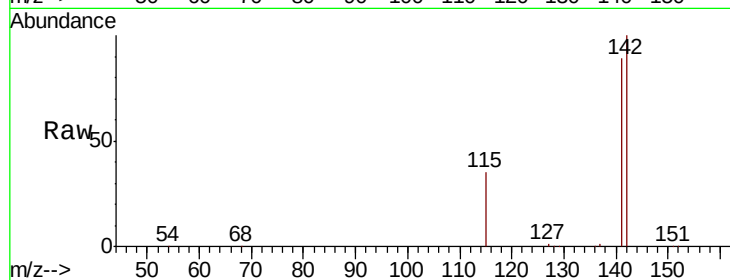
SSTD1.6021

Tot Ion:142 Resp: 34054

Ion Ratio Lower Upper

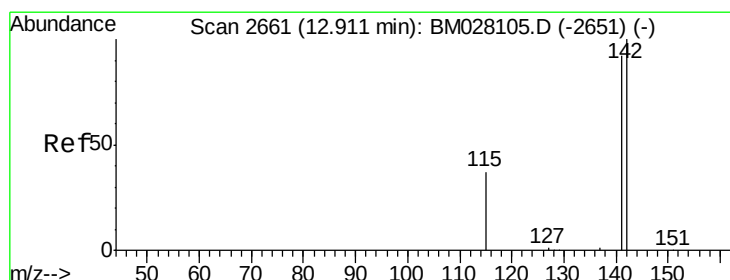
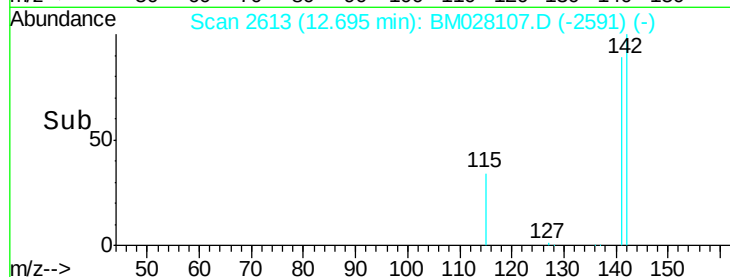
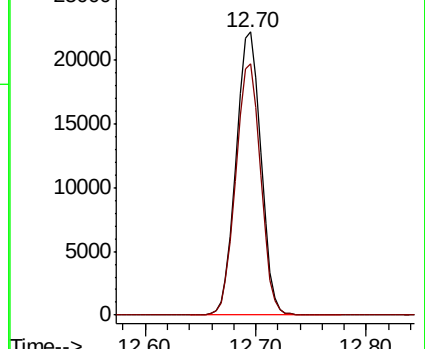
142 100

141 88.9 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: 1.523 ng/ul

RT: 12.91 min Scan# 2661

Delta R.T. 0.00 min

Lab File: BM028107.D

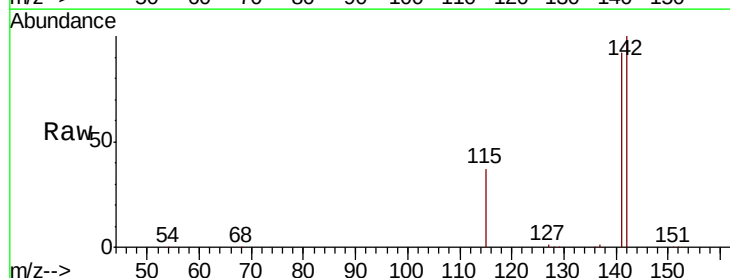
Acq: 11 Dec 2020 19:47

Tgt Ion:142 Resp: 32440

Ion Ratio Lower Upper

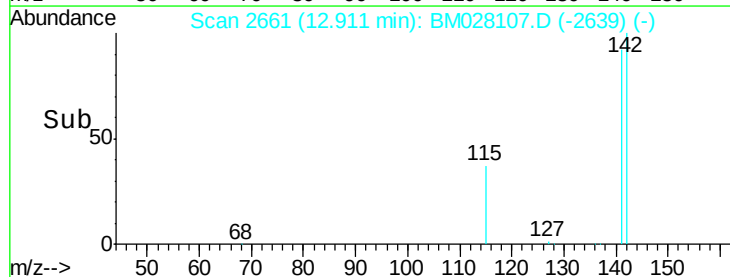
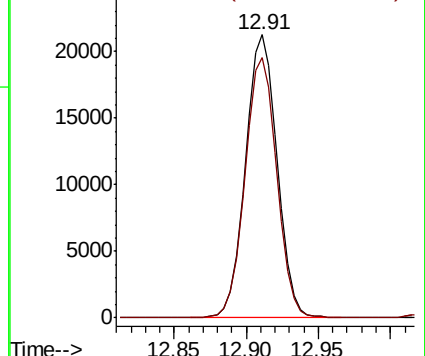
142 100

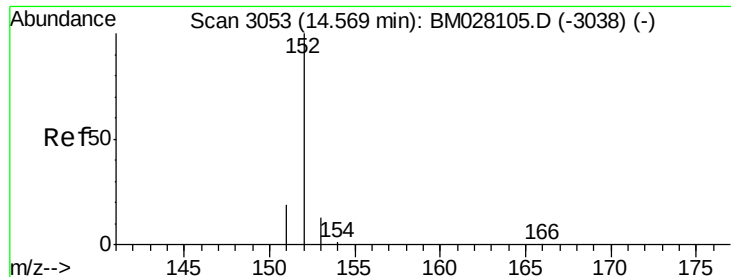
141 92.2 73.8 110.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 1.448 ng/ul

RT: 14.57 min Scan# 3053

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6021

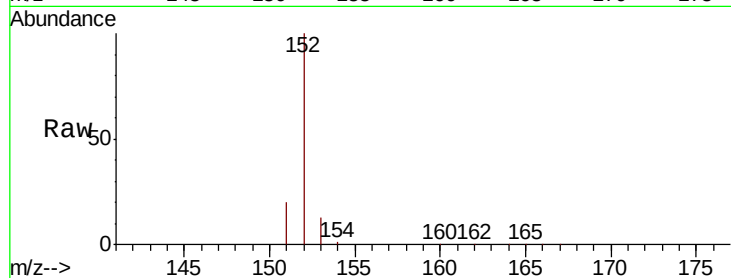
Tot Ion:152 Resp: 43525

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.2 10.7 16.1

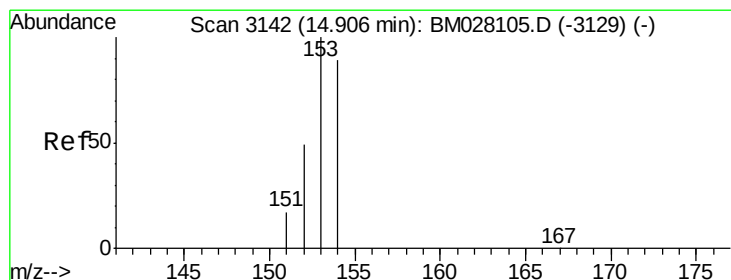
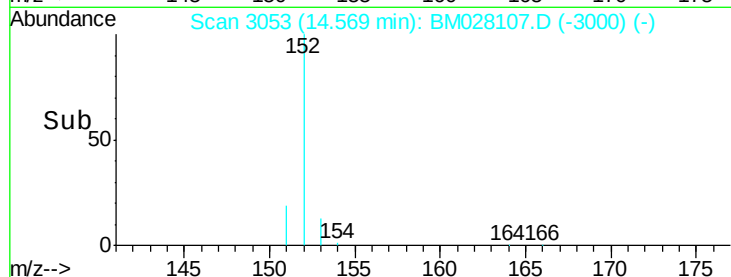
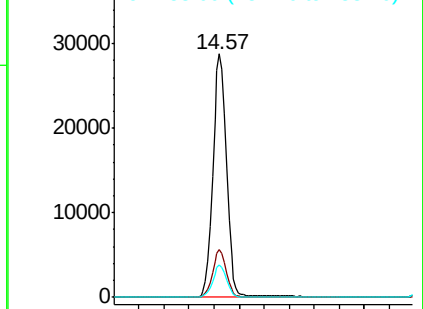


Abundance

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: 1.617 ng/ul

RT: 14.91 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

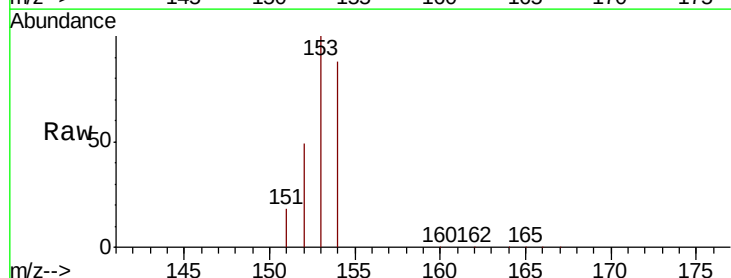
Tgt Ion:153 Resp: 36924

Ion Ratio Lower Upper

153 100

152 48.7 39.5 59.3

154 88.4 71.0 106.4

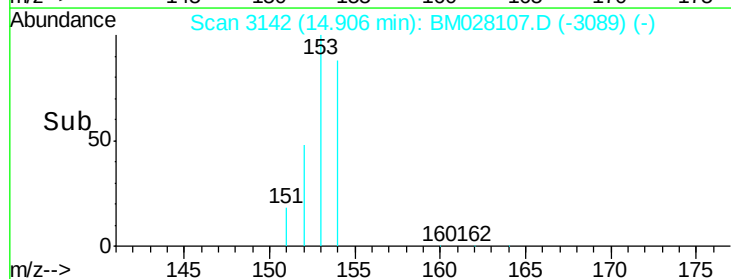
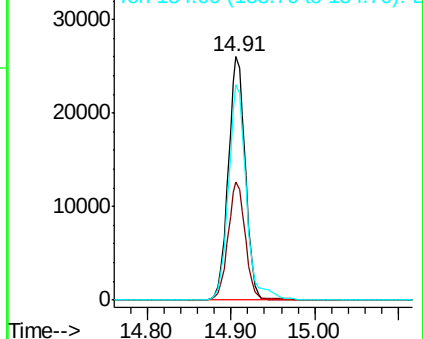


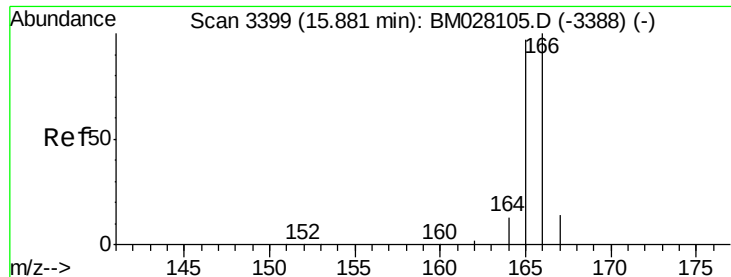
Abundance

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: 1.614 ng/ul

RT: 15.88 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6021

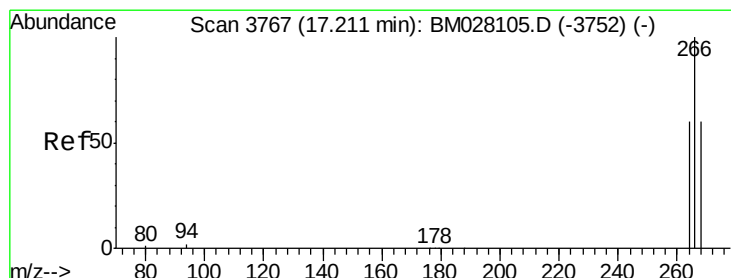
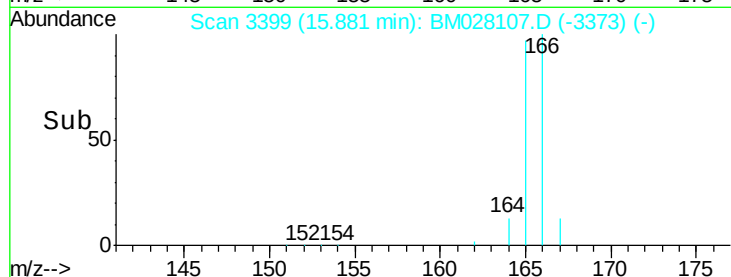
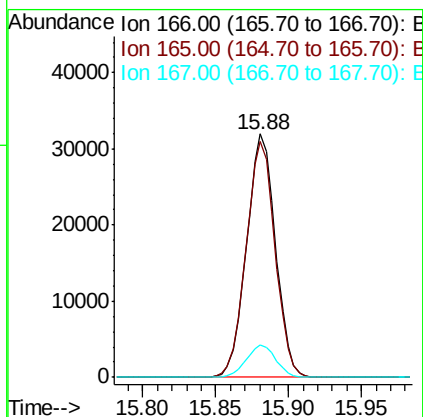
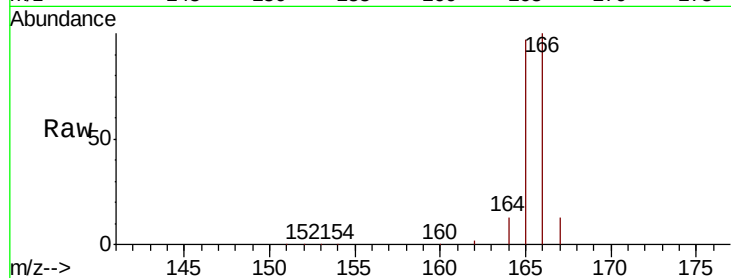
Tot Ion:166 Resp: 43561

Ion Ratio Lower Upper

166 100

165 97.0 77.9 116.9

167 13.5 11.4 17.0



#14

Pentachlorophenol

Concen: 1.184 ng/ul

RT: 17.21 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

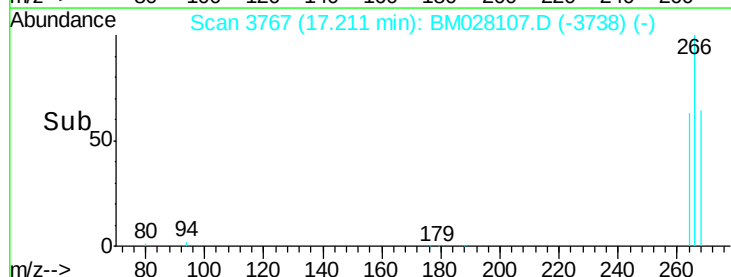
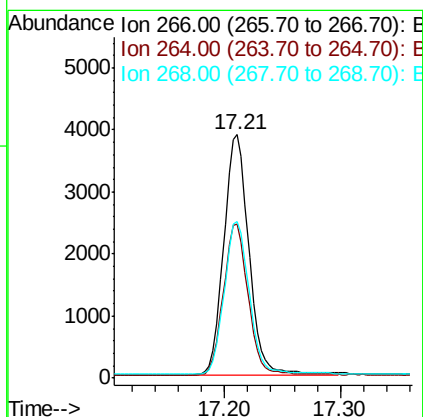
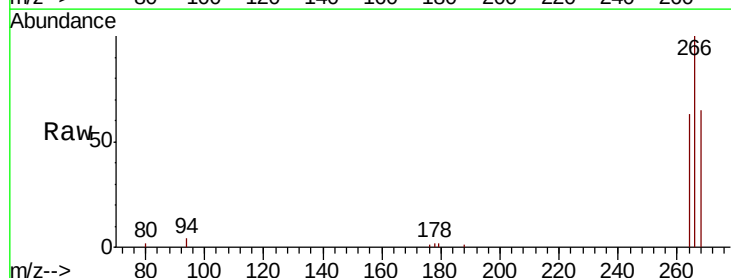
Tgt Ion:266 Resp: 5805

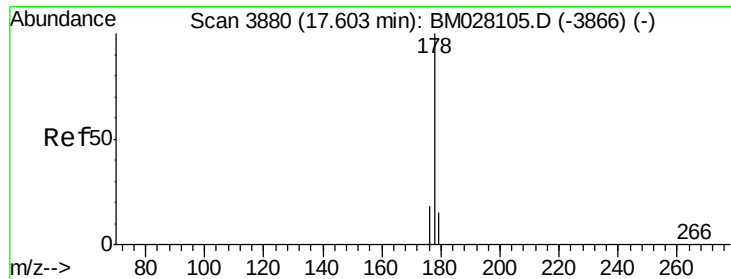
Ion Ratio Lower Upper

266 100

264 62.4 51.6 77.4

268 63.8 51.6 77.4





#15

Phenanthrene

Concen: 1.575 ng/ul

RT: 17.60 min Scan# 3880

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6021

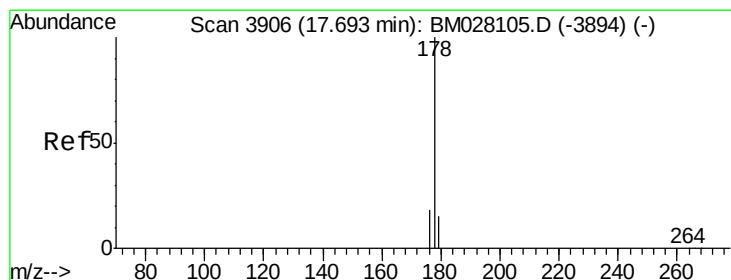
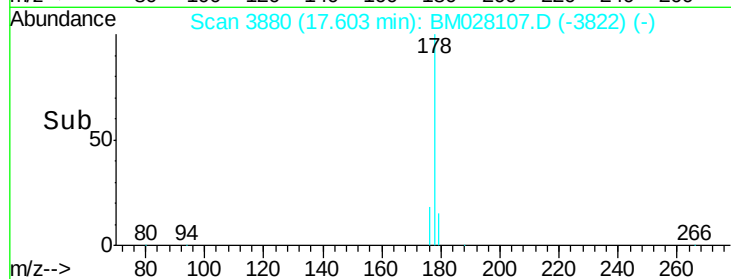
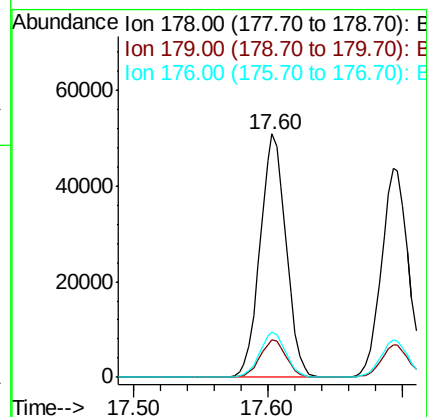
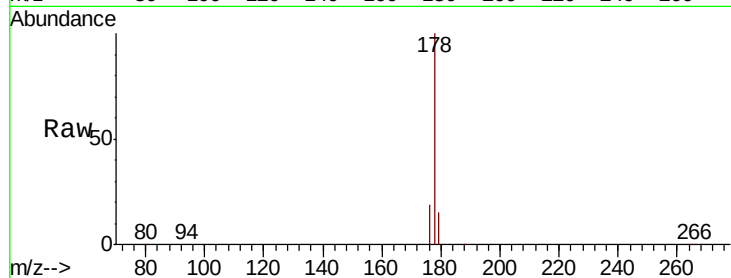
Tot Ion:178 Resp: 68357

Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 18.6 14.9 22.3



#16

Anthracene

Concen: 1.479 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

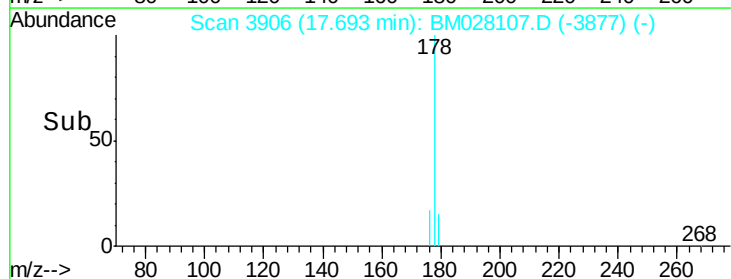
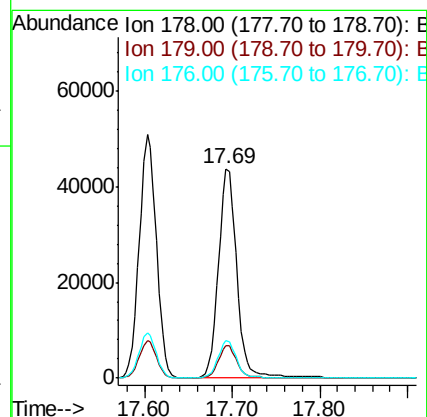
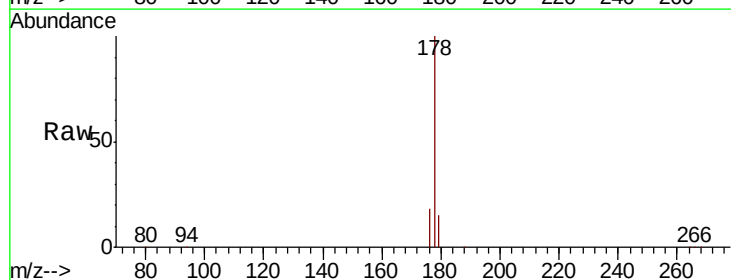
Tgt Ion:178 Resp: 63023

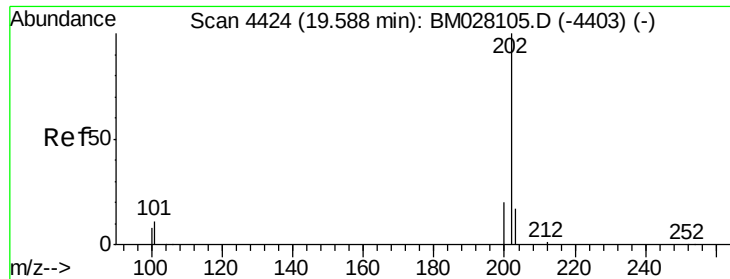
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.1 14.7 22.1

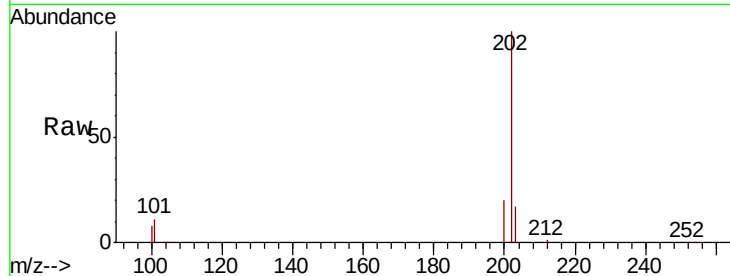




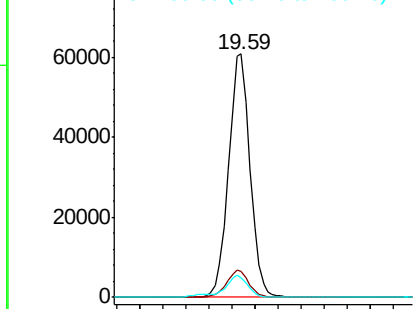
#19
Fluoranthene
Concen: 1.417 ng/ul
RT: 19.59 min Scan# 4424
Delta R.T. 0.00 min
Lab File: BM028107.D
Acq: 11 Dec 2020 19:47

Instrument :
BNA_M
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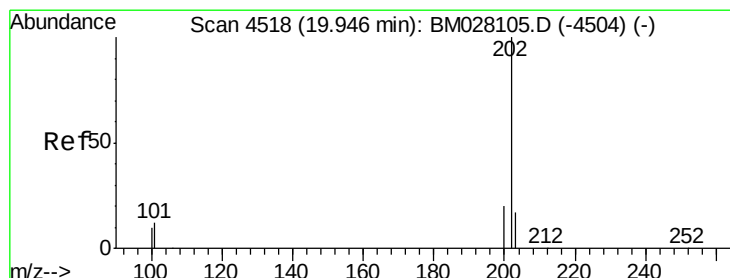
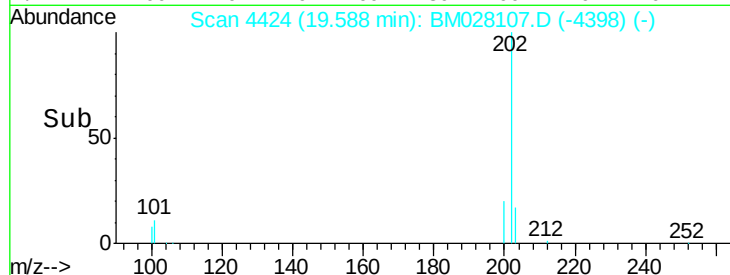
Tot Ion:202 Resp: 78316
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 8.2 6.8 10.2



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

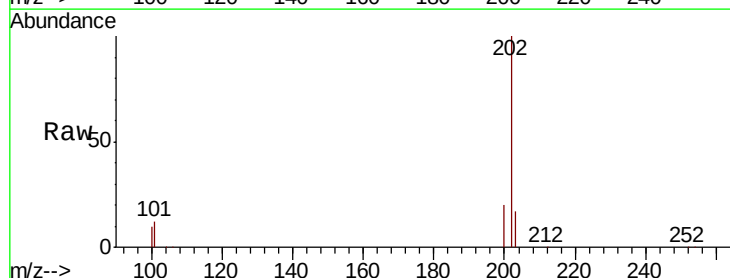


Time--> 19.50 19.60 19.70

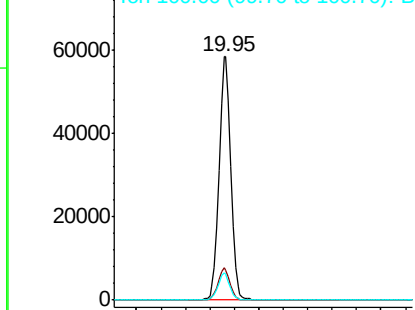


#20
Pyrene
Concen: 1.404 ng/ul
RT: 19.95 min Scan# 4518
Delta R.T. 0.00 min
Lab File: BM028107.D
Acq: 11 Dec 2020 19:47

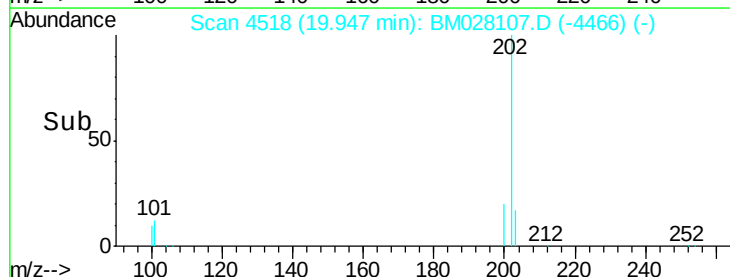
Tgt Ion:202 Resp: 77349
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 10.5 8.4 12.6

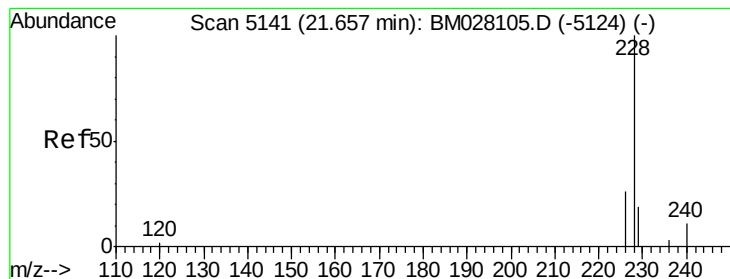


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.80 20.00 20.20





#21

Benzo(a)anthracene

Concen: 1.326 ng/ul

RT: 21.66 min Scan# 5140

Delta R.T. -0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6021

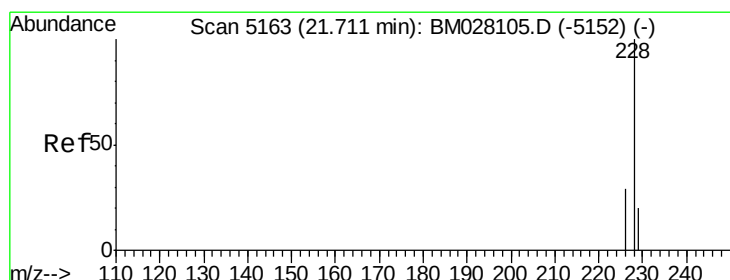
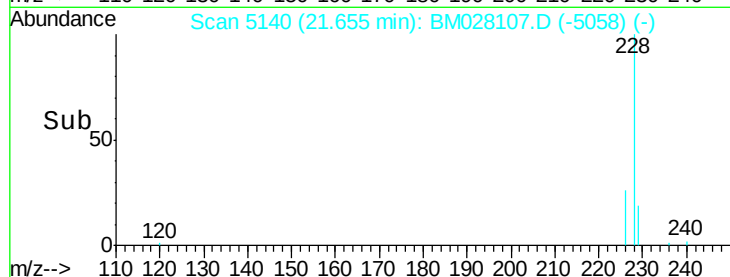
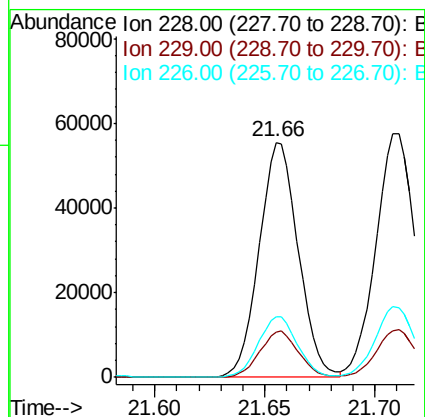
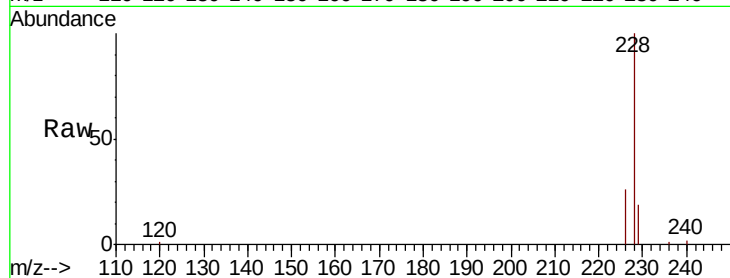
Tot Ion:228 Resp: 68510

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 26.0 20.7 31.1



#22

Chrysene

Concen: 1.357 ng/ul

RT: 21.71 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

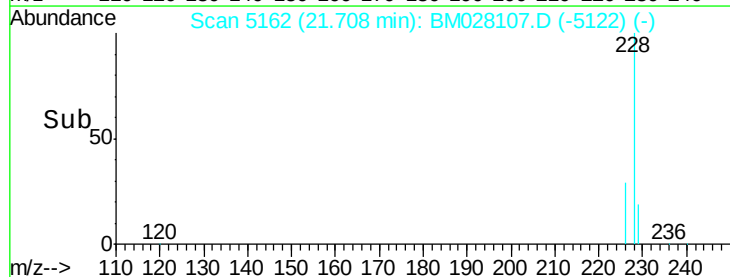
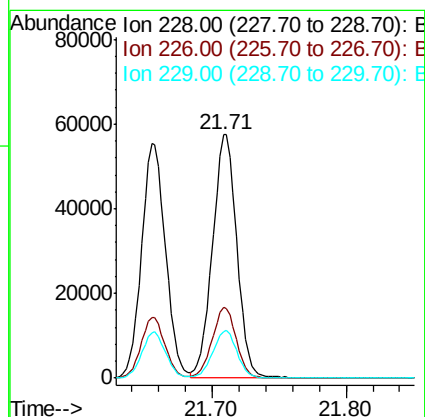
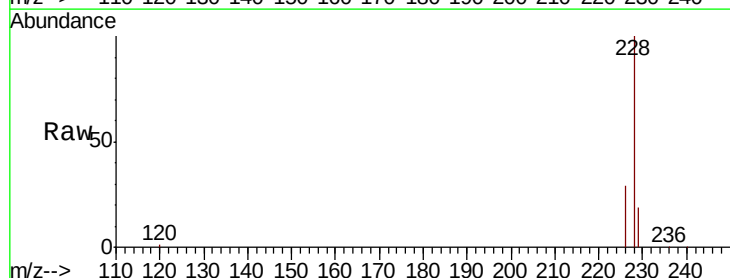
Tgt Ion:228 Resp: 71936

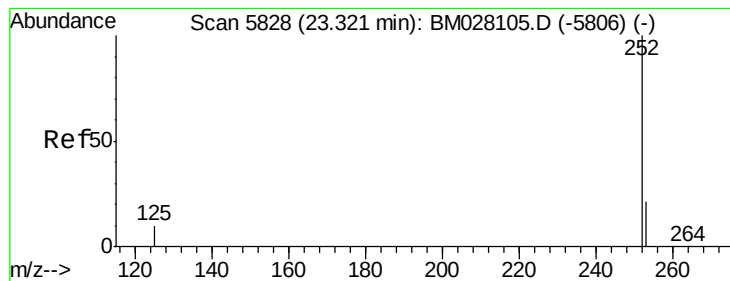
Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

229 19.2 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 1.487 ng/ul

RT: 23.32 min Scan# 5828

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6021

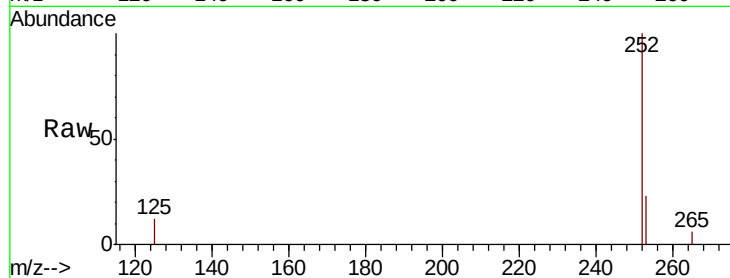
Tot Ion:252 Resp: 68033

Ion Ratio Lower Upper

252 100

253 22.7 0.0 51.4

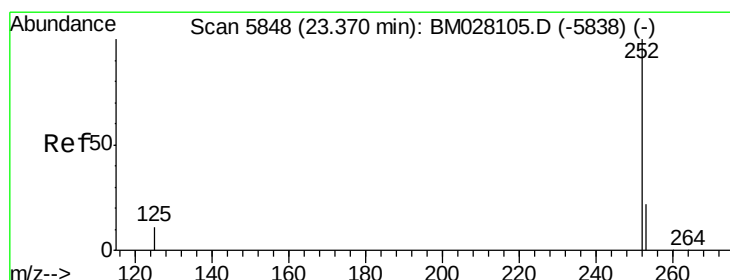
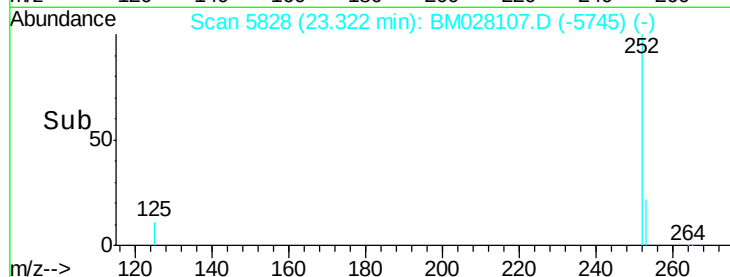
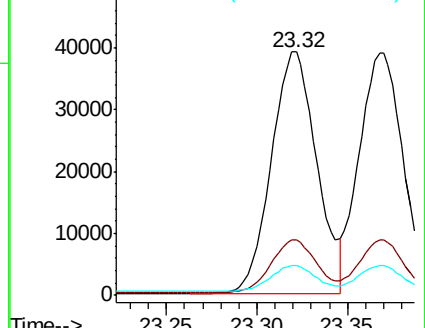
125 12.3 0.0 32.8



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: 1.458 ng/ul

RT: 23.37 min Scan# 5847

Delta R.T. -0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

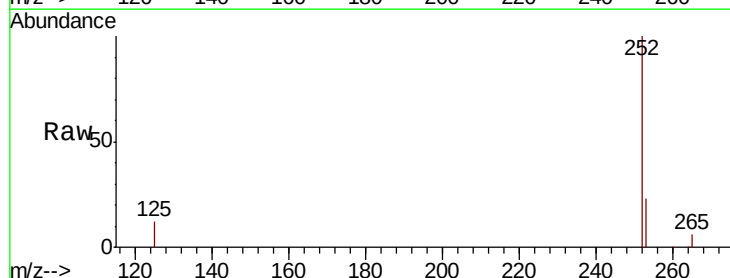
Tgt Ion:252 Resp: 66442

Ion Ratio Lower Upper

252 100

253 22.6 21.1 31.7

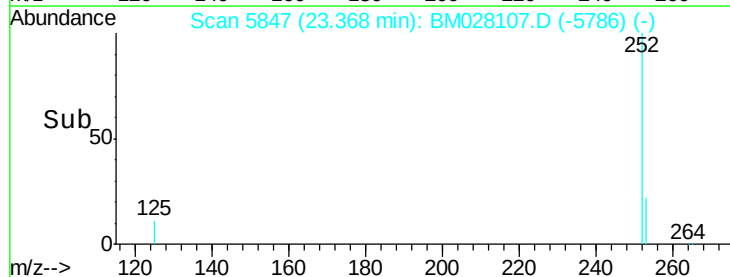
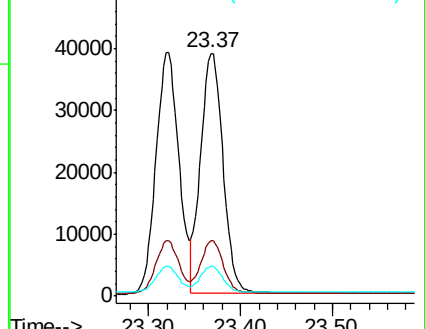
125 12.1 13.4 20.2#

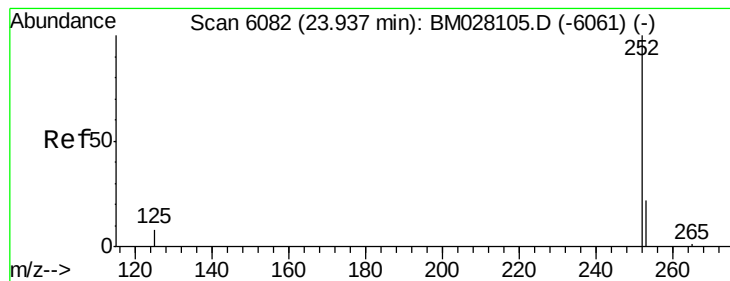


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.375 ng/ul

RT: 23.94 min Scan# 6082

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6021

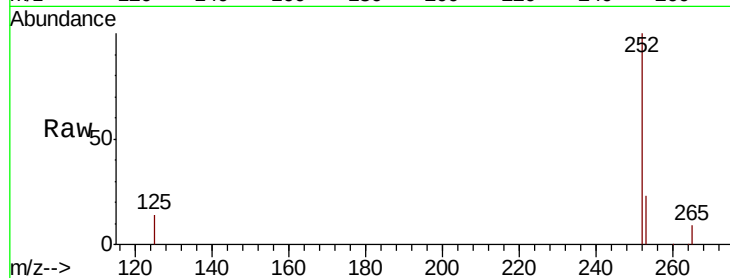
Tot Ion:252 Resp: 56989

Ion Ratio Lower Upper

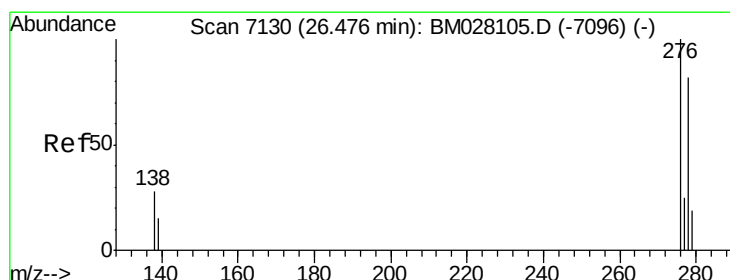
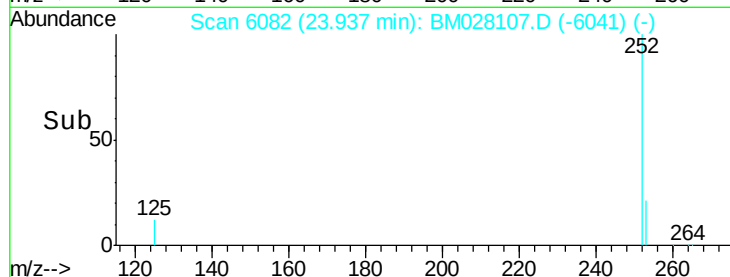
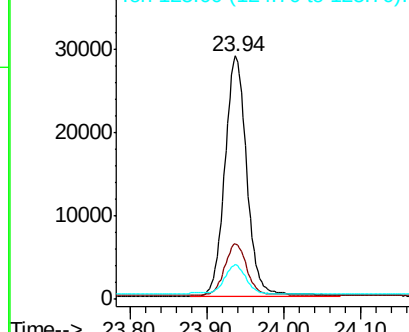
252 100

253 22.8 22.3 33.5

125 14.1 16.1 24.1#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.312 ng/ul

RT: 26.47 min Scan# 7128

Delta R.T. -0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

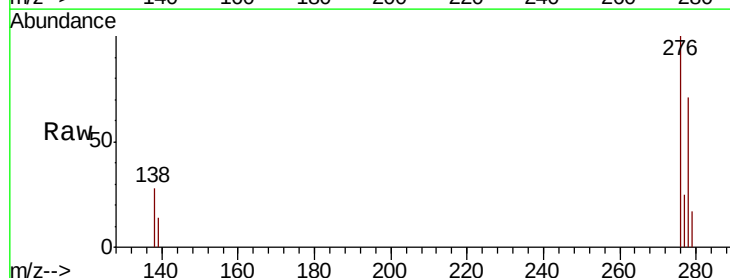
Tgt Ion:276 Resp: 63901

Ion Ratio Lower Upper

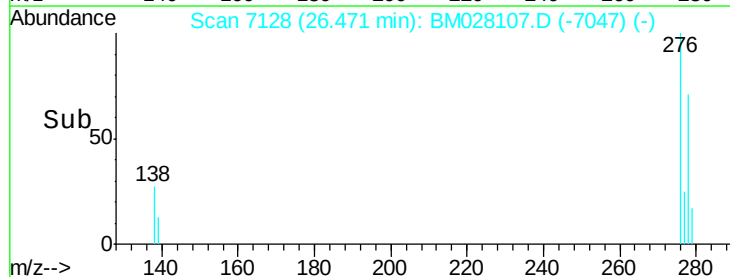
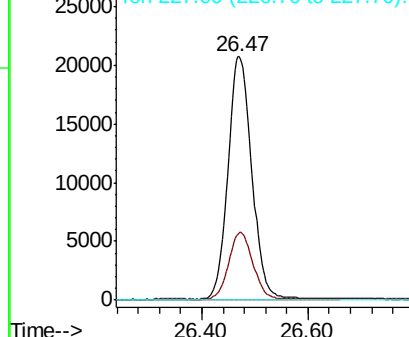
276 100

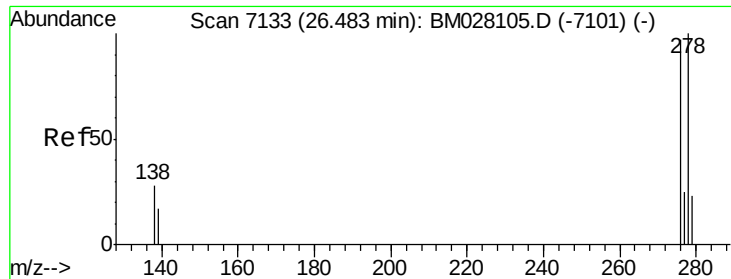
138 27.7 21.7 32.5

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





#28

Dibenzo(a,h)anthracene

Concen: 1.322 ng/ul

RT: 26.49 min Scan# 7134

Delta R.T. 0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6021

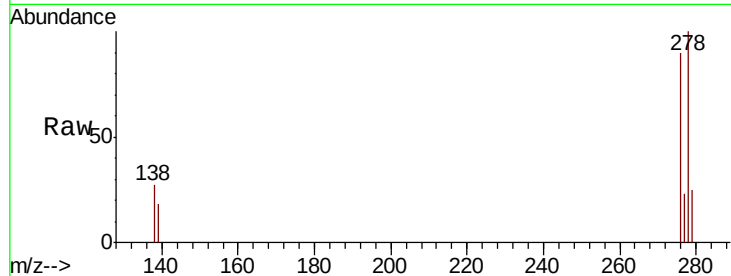
Tot Ion:278 Resp: 53579

Ion Ratio Lower Upper

278 100

139 17.7 15.2 22.8

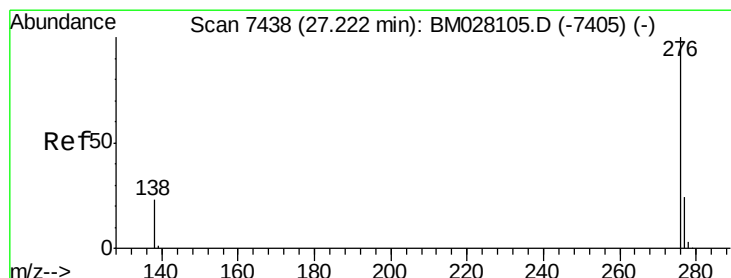
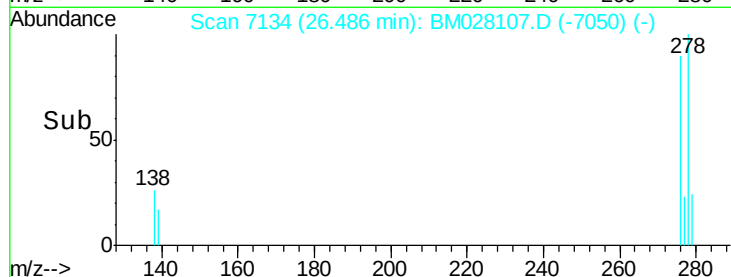
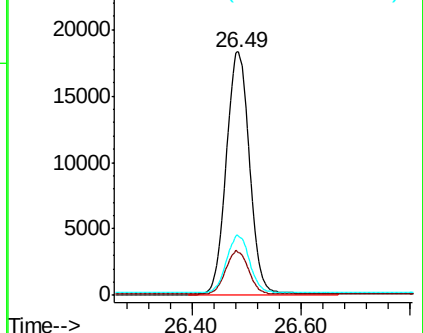
279 24.6 22.2 33.4



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: 1.323 ng/ul

RT: 27.22 min Scan# 7437

Delta R.T. -0.00 min

Lab File: BM028107.D

Acq: 11 Dec 2020 19:47

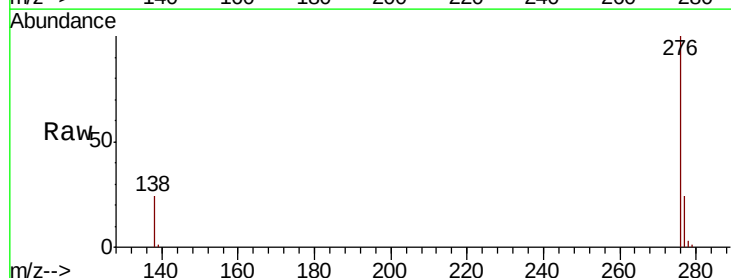
Tgt Ion:276 Resp: 54269

Ion Ratio Lower Upper

276 100

138 23.7 19.7 29.5

277 24.1 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

