

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
 Data File : BM028106.D
 Acq On : 11 Dec 2020 19:10
 Operator : JU/CG
 Sample : SST00.801
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST00.8011

Quant Time: Dec 12 02:54:37 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

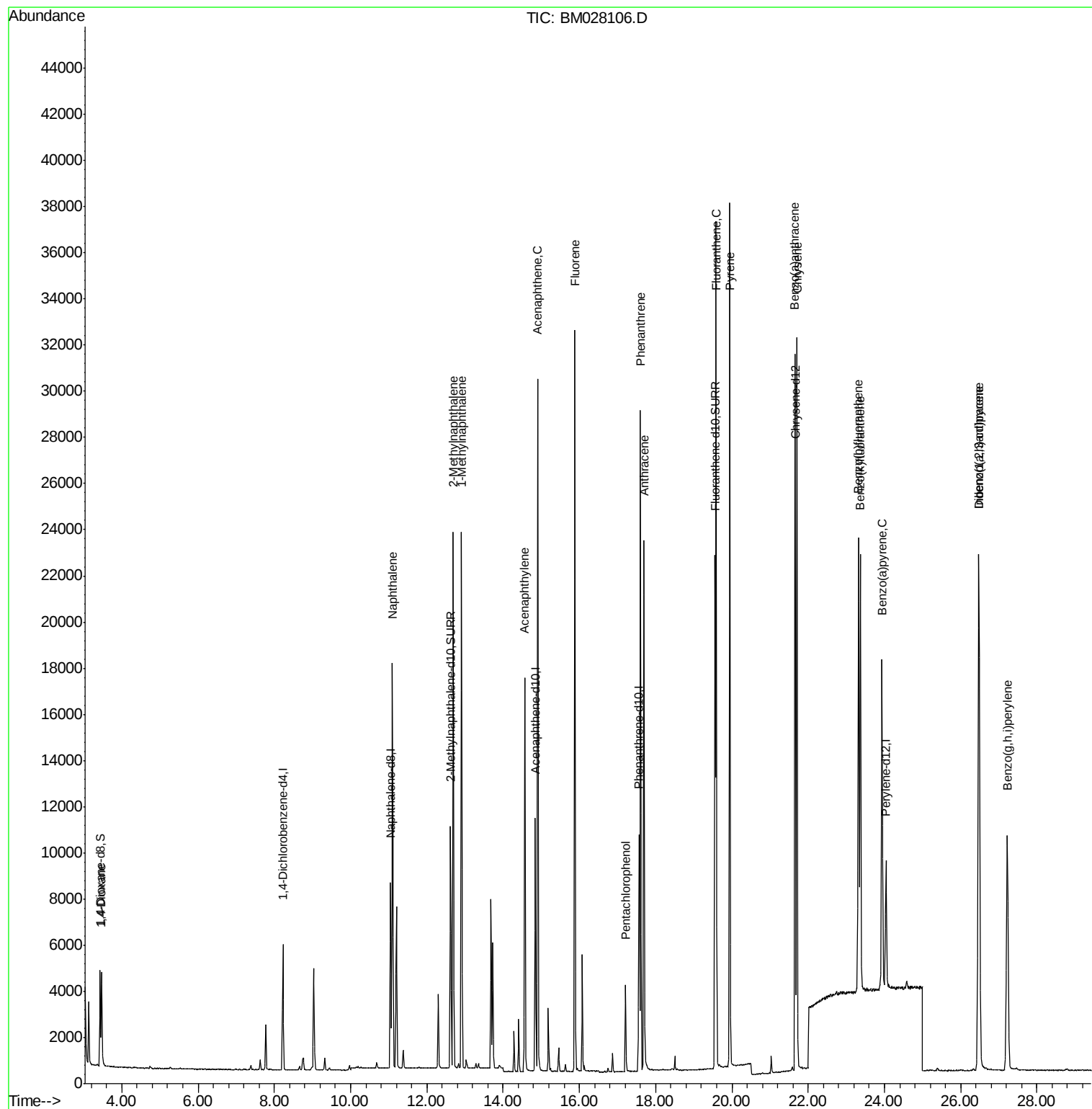
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2696	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	10514	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.85	164	5951	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	11893	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	9374	0.40	ng/ul	0.00
23) Perylene-d12	24.04	264	7631	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	2549	0.92	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	13063	0.75	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	23619	0.82	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.47	88	2728	0.916	ng/ul	92
5) Naphthalene	11.10	128	23880	0.801	ng/ul	99
7) 2-Methylnaphthalene	12.70	142	15992	0.779	ng/ul	99
8) 1-Methylnaphthalene	12.91	142	15224	0.785	ng/ul	100
10) Acenaphthylene	14.57	152	19474	0.732	ng/ul	100
11) Acenaphthene	14.91	153	17057	0.844	ng/ul	99
12) Fluorene	15.88	166	19583	0.820	ng/ul	99
14) Pentachlorophenol	17.21	266	2388	0.609	ng/ul	98
15) Phenanthrene	17.60	178	29759	0.857	ng/ul	100
16) Anthracene	17.69	178	26324	0.773	ng/ul	100
19) Fluoranthene	19.59	202	31369	0.855	ng/ul	100
20) Pyrene	19.95	202	30712	0.840	ng/ul	100
21) Benzo(a)anthracene	21.66	228	25005	0.729	ng/ul	99
22) Chrysene	21.71	228	27018	0.768	ng/ul	100
24) Benzo(b)fluoranthene	23.32	252	25055	0.817	ng/ul	97
25) Benzo(k)fluoranthene	23.37	252	24764	0.811	ng/ul	96
26) Benzo(a)pyrene	23.94	252	21245	0.765	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.47	276	25647	0.785	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.48	278	21594	0.795	ng/ul	97
29) Benzo(g,h,i)perylene	27.22	276	22460	0.817	ng/ul	98

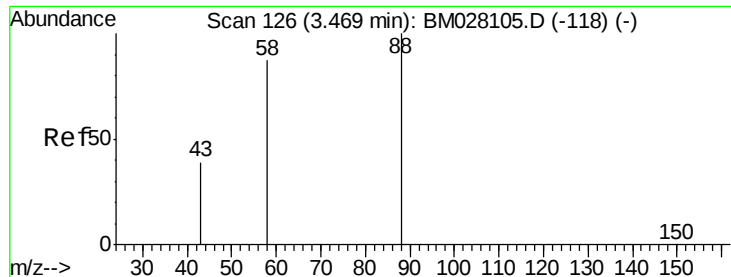
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
Data File : BM028106.D
Acq On : 11 Dec 2020 19:10
Operator : JU/CG
Sample : SST0.801
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Quant Time: Dec 12 02:54:37 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





#2

1,4-Dioxane

Concen: 0.916 ng/ul

RT: 3.47 min Scan# 126

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

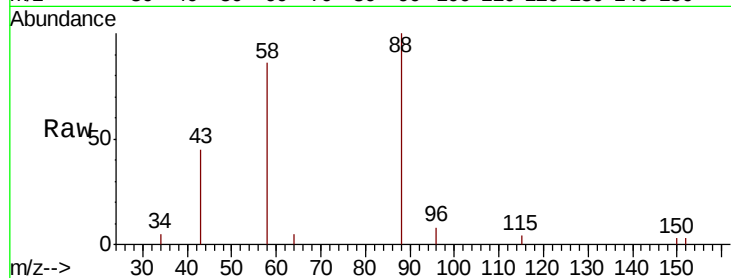
Tot Ion: 88 Resp: 2728

Ion Ratio Lower Upper

88 100

43 44.5 39.5 59.3

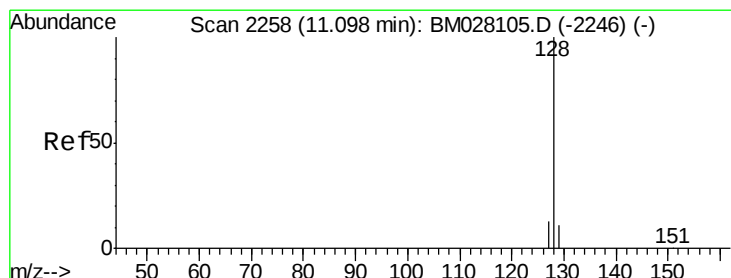
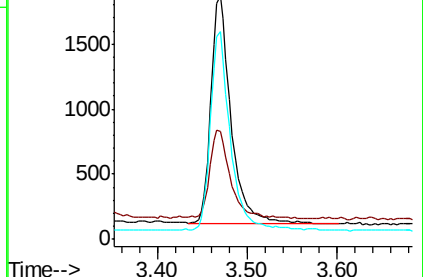
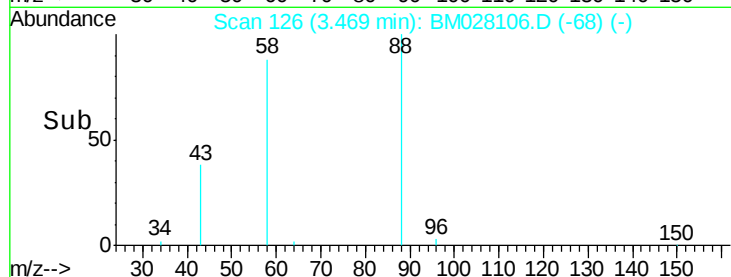
58 85.6 62.8 94.2



Abundance Ion 88.00 (87.70 to 88.70): BM028106.D (-68) (-)

Ion 43.00 (42.70 to 43.70): BM028106.D (-68) (-)

Ion 58.00 (57.70 to 58.70): BM028106.D (-68) (-)



#5

Naphthalene

Concen: 0.801 ng/ul

RT: 11.10 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

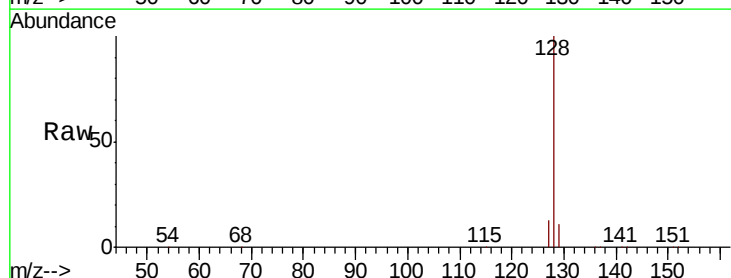
Tgt Ion: 128 Resp: 23880

Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

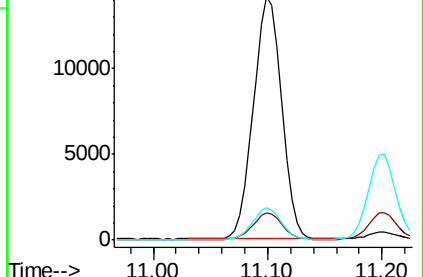
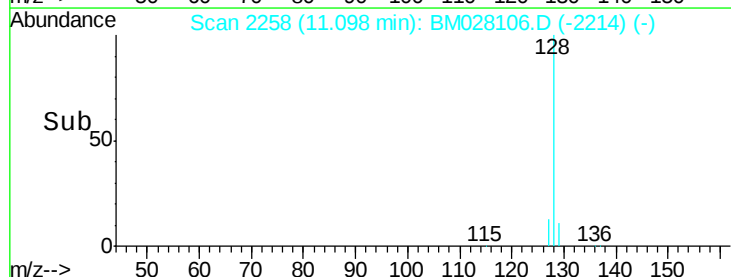
127 13.2 10.8 16.2

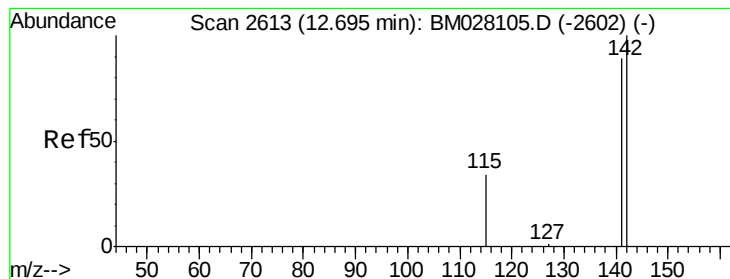


Abundance Ion 128.00 (127.70 to 128.70): BM028106.D (-2214) (-)

Ion 129.00 (128.70 to 129.70): BM028106.D (-2214) (-)

Ion 127.00 (126.70 to 127.70): BM028106.D (-2214) (-)





#7

2-Methylnaphthalene

Concen: 0.779 ng/ul

RT: 12.70 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

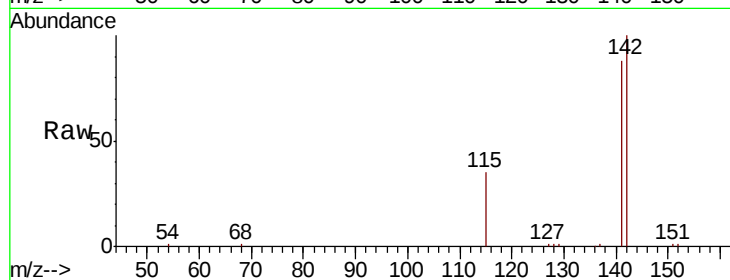
SSTD0.8011

Tot Ion:142 Resp: 15992

Ion Ratio Lower Upper

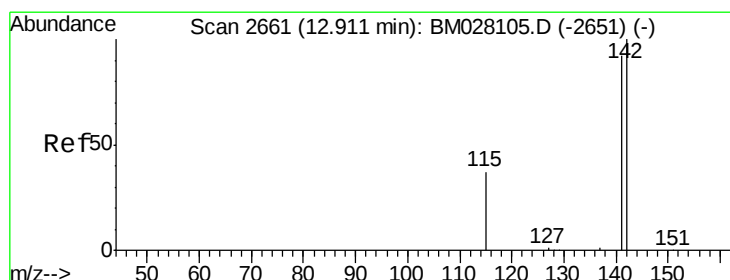
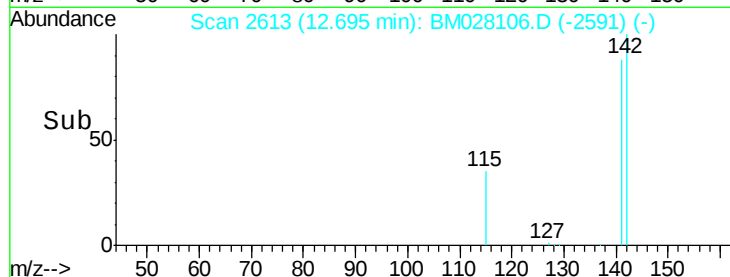
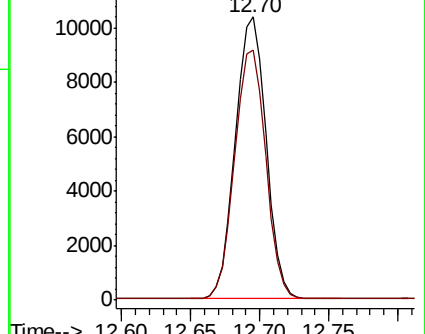
142 100

141 89.3 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: 0.785 ng/ul

RT: 12.91 min Scan# 2661

Delta R.T. 0.00 min

Lab File: BM028106.D

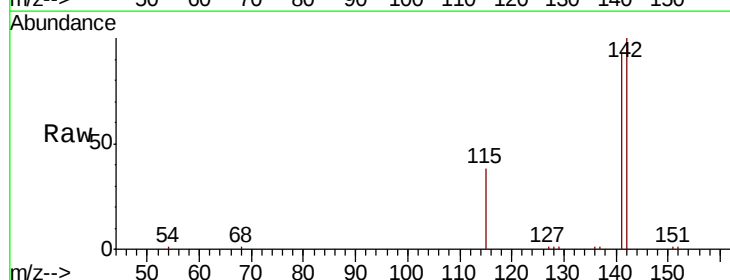
Acq: 11 Dec 2020 19:10

Tgt Ion:142 Resp: 15224

Ion Ratio Lower Upper

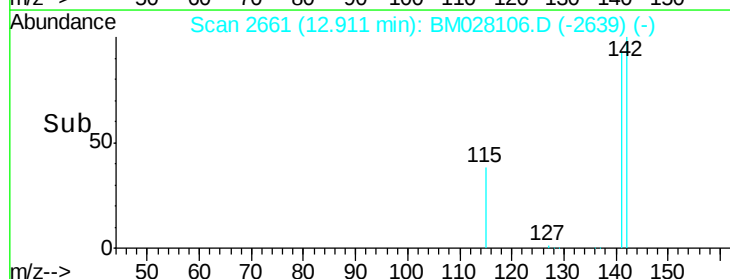
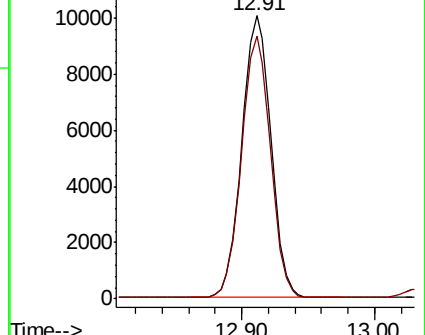
142 100

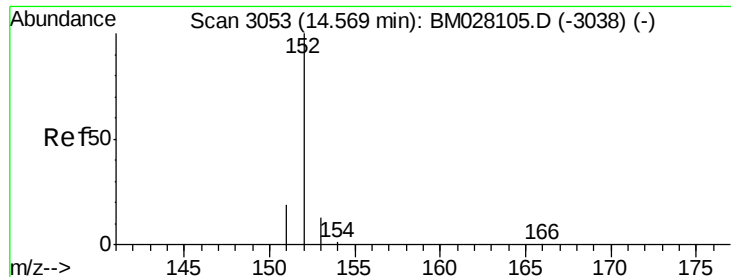
141 92.4 73.8 110.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.732 ng/ul

RT: 14.57 min Scan# 3053

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

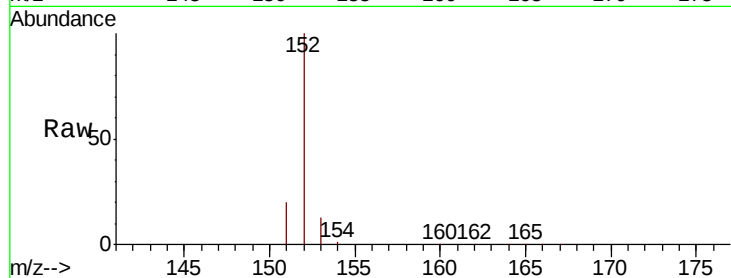
Tot Ion:152 Resp: 19474

Ion Ratio Lower Upper

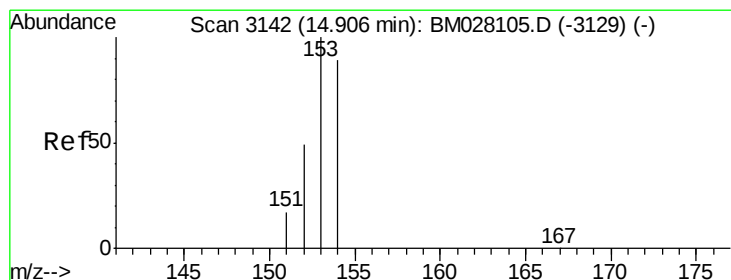
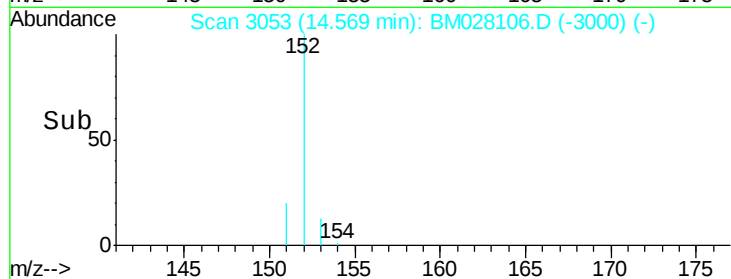
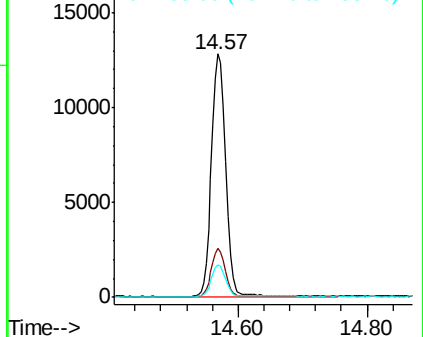
152 100

151 20.0 15.9 23.9

153 13.5 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: 0.844 ng/ul

RT: 14.91 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

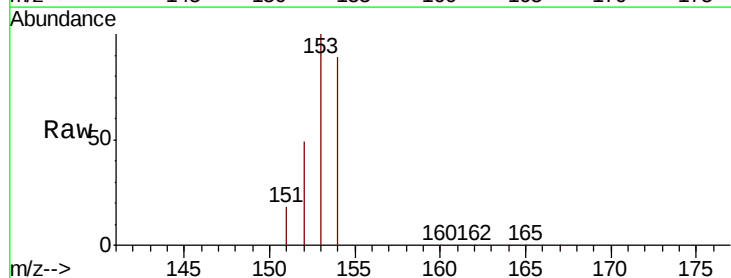
Tgt Ion:153 Resp: 17057

Ion Ratio Lower Upper

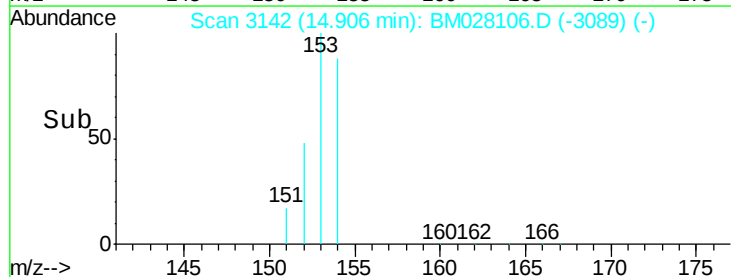
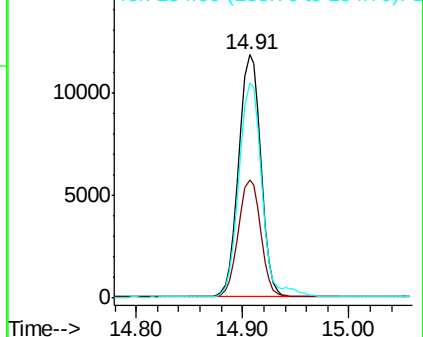
153 100

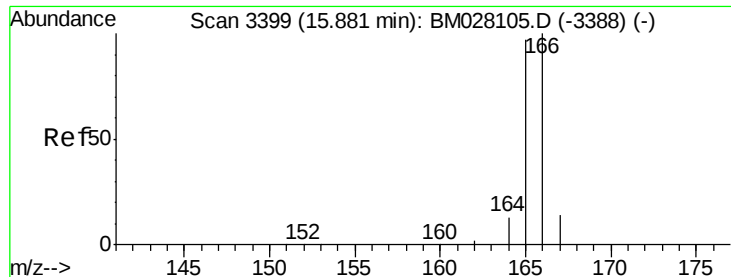
152 48.5 39.5 59.3

154 88.5 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: 0.820 ng/ul

RT: 15.88 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

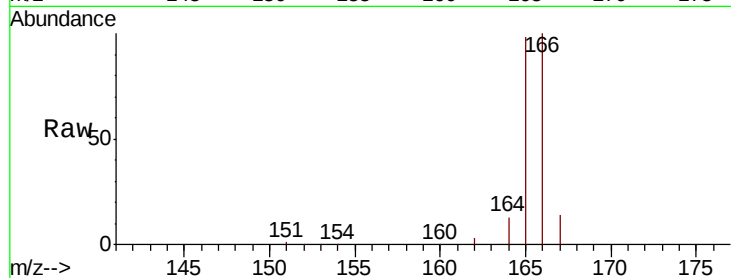
Tot Ion:166 Resp: 19583

Ion Ratio Lower Upper

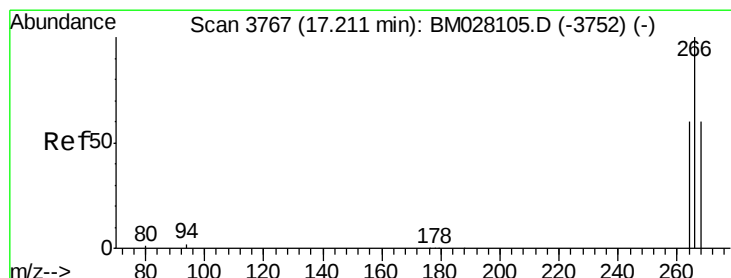
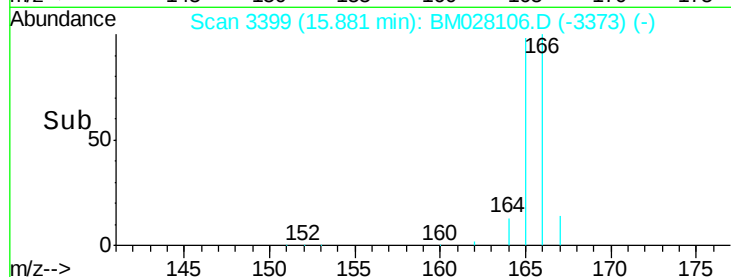
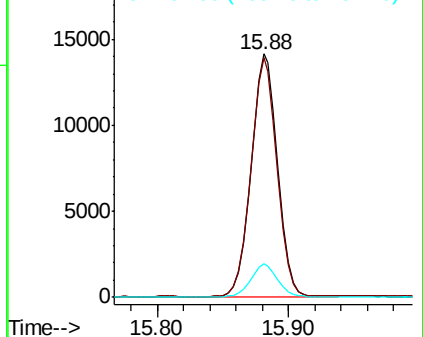
166 100

165 98.4 77.9 116.9

167 14.1 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: 0.609 ng/ul

RT: 17.21 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

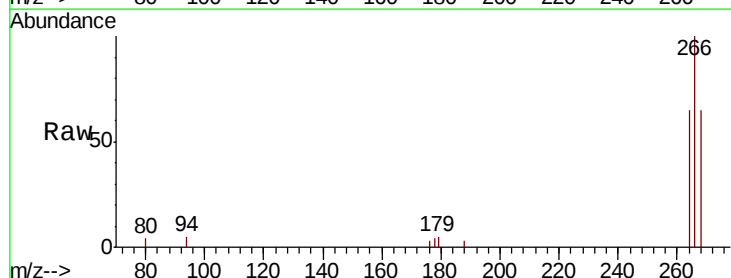
Tgt Ion:266 Resp: 2388

Ion Ratio Lower Upper

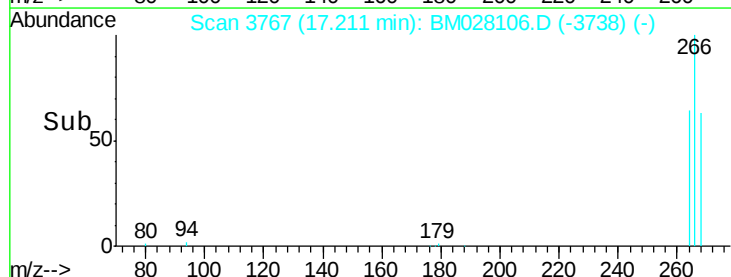
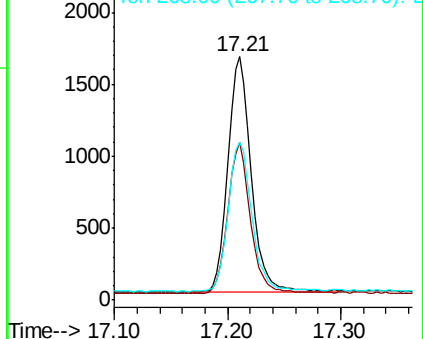
266 100

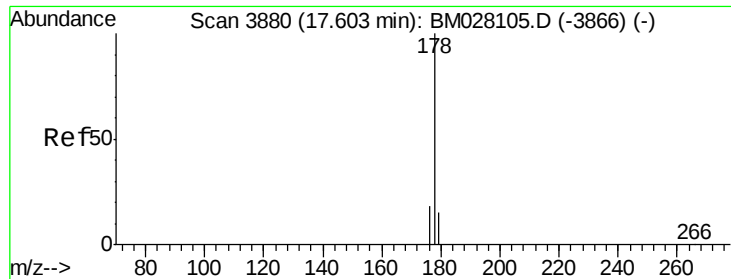
264 62.1 51.6 77.4

268 64.5 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: 0.857 ng/ul

RT: 17.60 min Scan# 3880

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

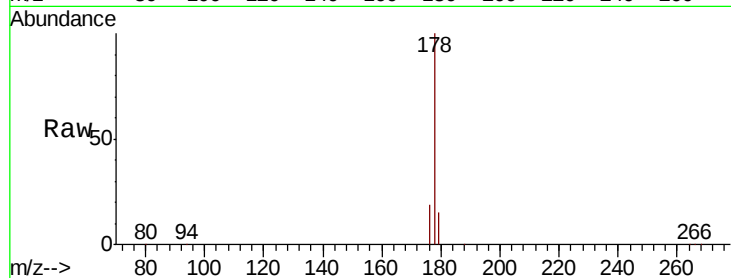
Tot Ion:178 Resp: 29759

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

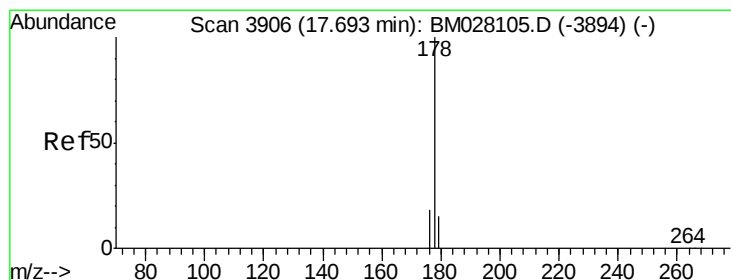
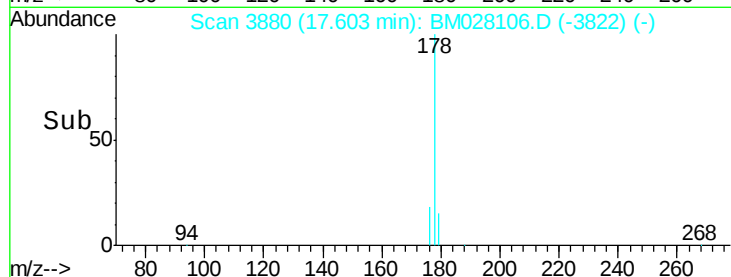
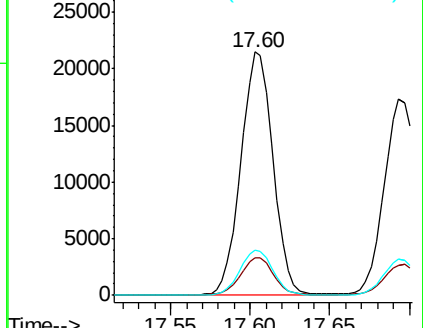
176 18.6 14.9 22.3



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: 0.773 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

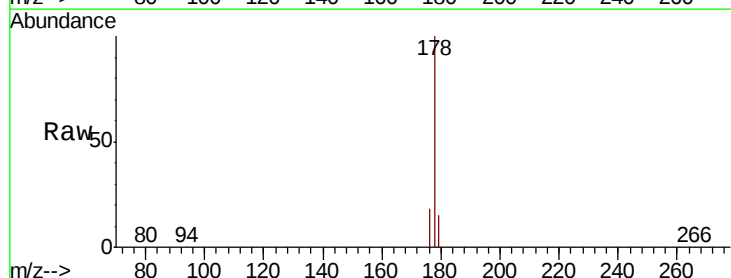
Tgt Ion:178 Resp: 26324

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

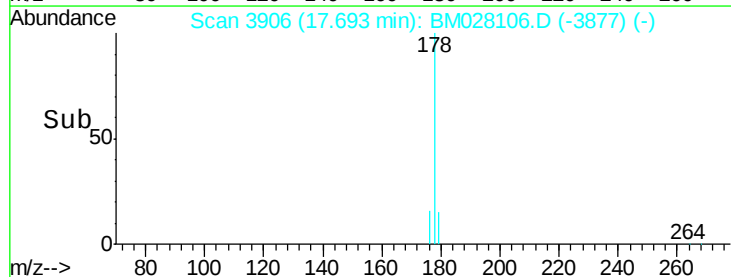
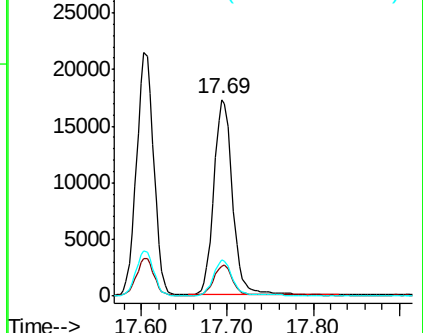
176 18.4 14.7 22.1

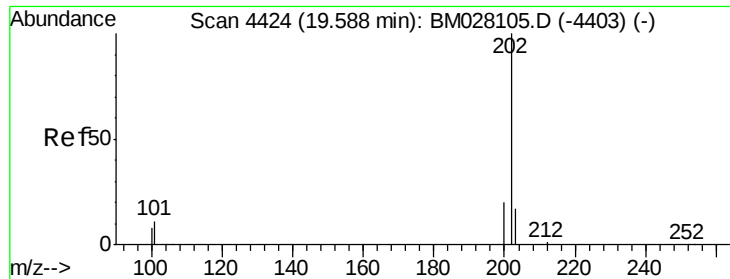


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#19

Fluoranthene

Concen: 0.855 ng/ul

RT: 19.59 min Scan# 4424

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

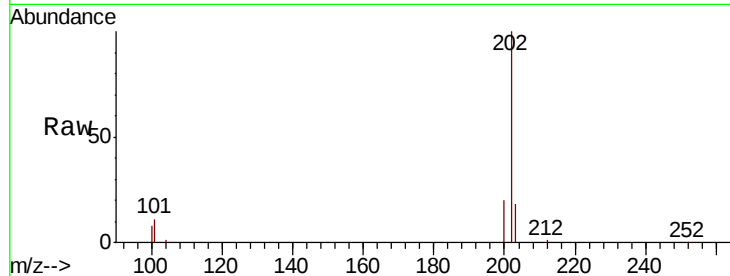
Tot Ion:202 Resp: 31369

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

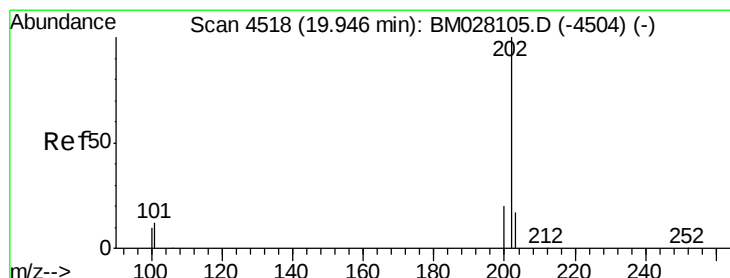
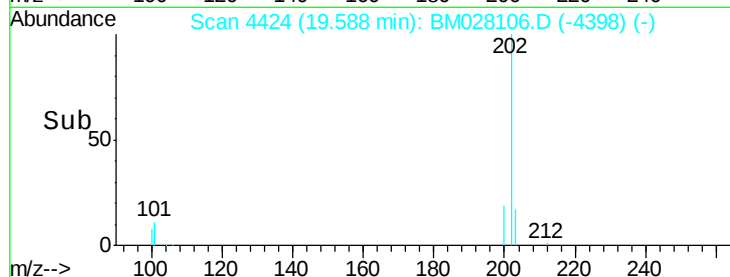
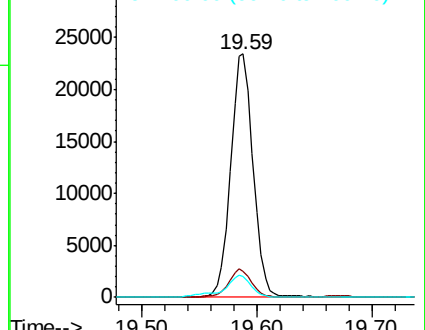
100 8.3 6.8 10.2



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



#20

Pyrene

Concen: 0.840 ng/ul

RT: 19.95 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

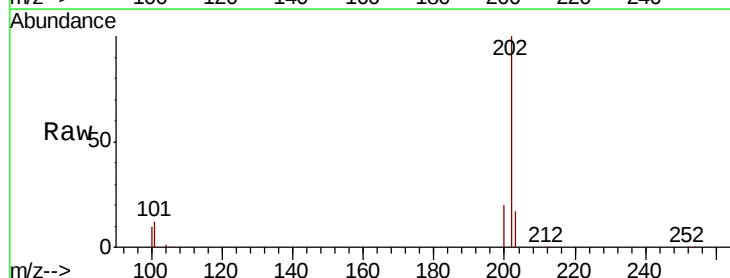
Tgt Ion:202 Resp: 30712

Ion Ratio Lower Upper

202 100

101 12.5 10.1 15.1

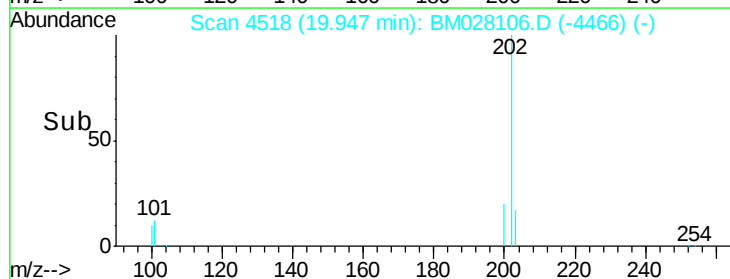
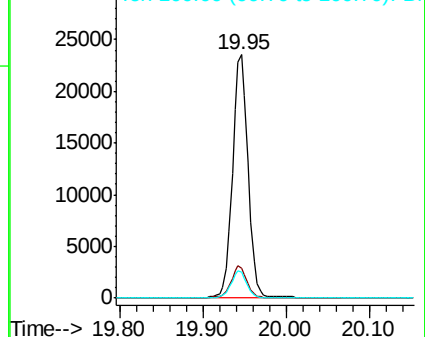
100 10.5 8.4 12.6

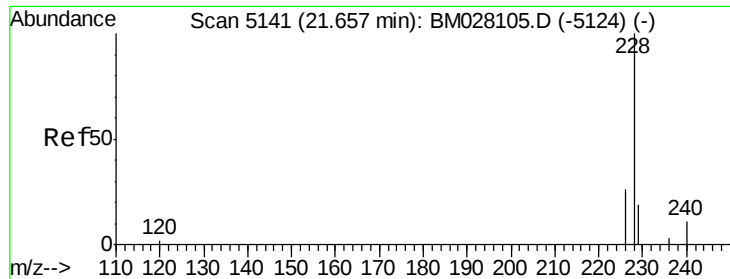


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.729 ng/ul

RT: 21.66 min Scan# 5140

Delta R.T. -0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

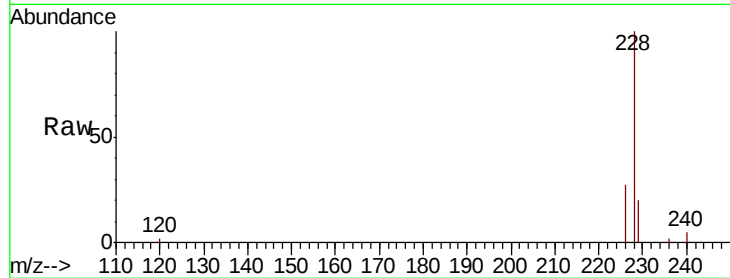
Tot Ion:228 Resp: 25005

Ion Ratio Lower Upper

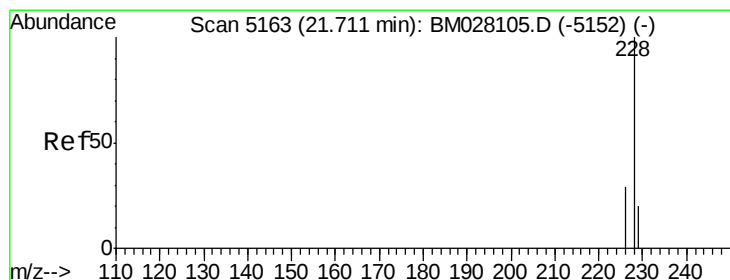
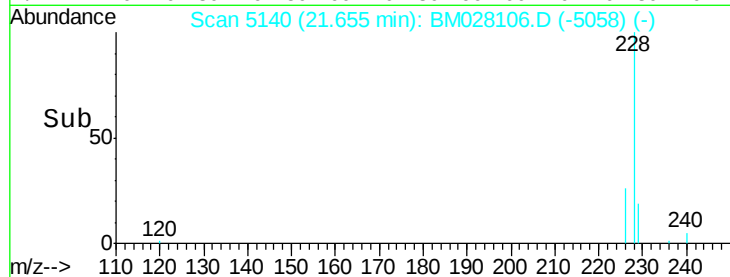
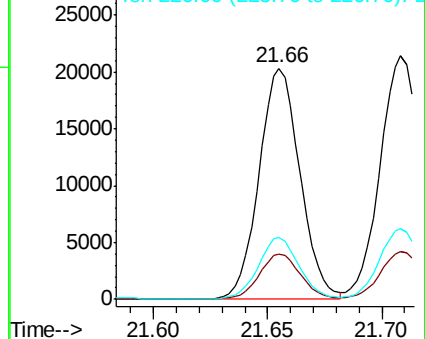
228 100

229 19.5 15.7 23.5

226 26.6 20.7 31.1



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



#22

Chrysene

Concen: 0.768 ng/ul

RT: 21.71 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

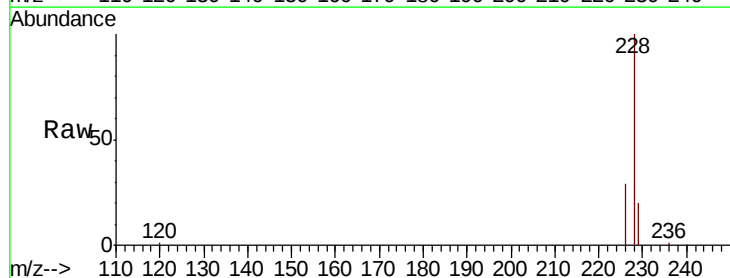
Tgt Ion:228 Resp: 27018

Ion Ratio Lower Upper

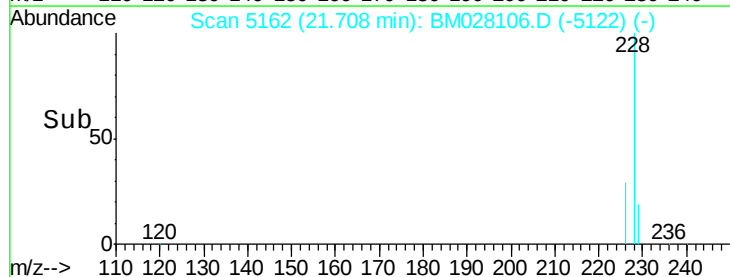
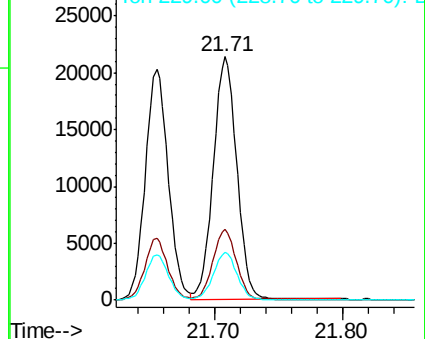
228 100

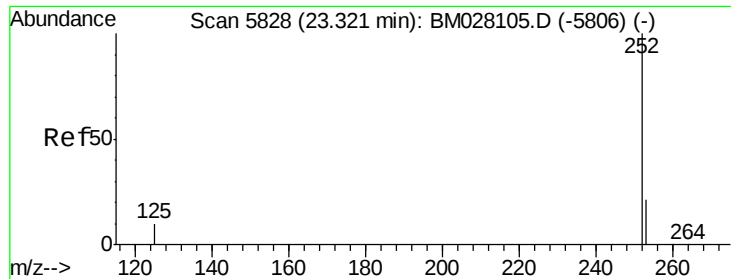
226 29.2 23.4 35.0

229 19.5 15.9 23.9



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





#24

Benzo(b)fluoranthene

Concen: 0.817 ng/ul

RT: 23.32 min Scan# 5827

Delta R.T. -0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

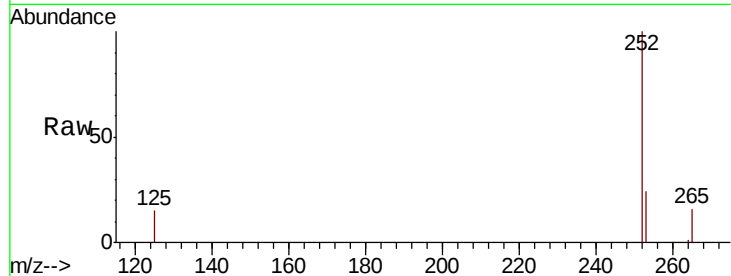
Tot Ion:252 Resp: 25055

Ion Ratio Lower Upper

252 100

253 24.3 0.0 51.4

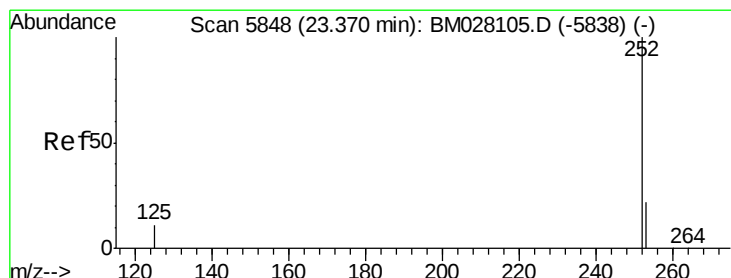
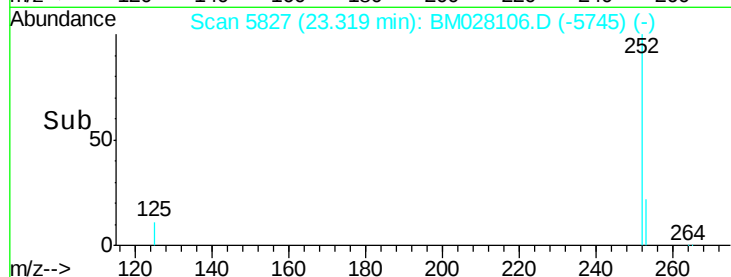
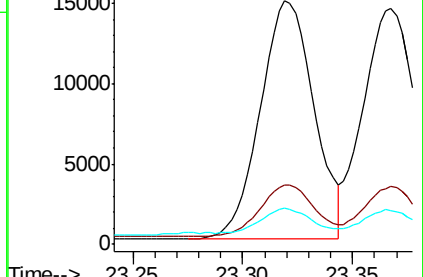
125 14.7 0.0 32.8



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: 0.811 ng/ul

RT: 23.37 min Scan# 5847

Delta R.T. -0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

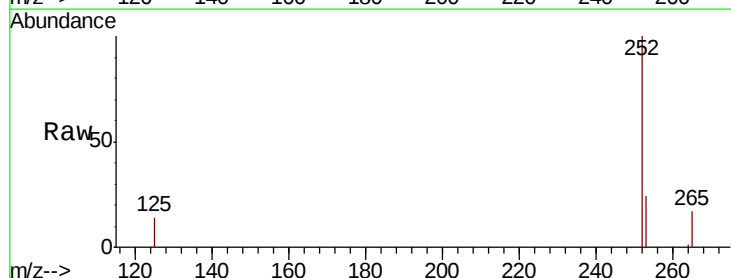
Tgt Ion:252 Resp: 24764

Ion Ratio Lower Upper

252 100

253 24.5 21.1 31.7

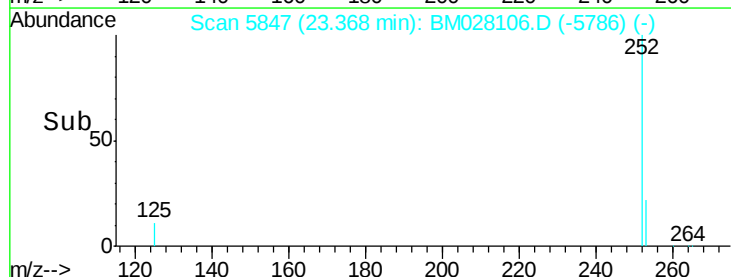
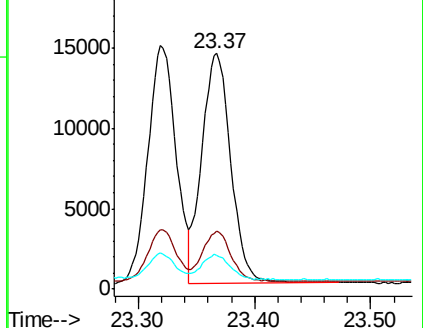
125 14.4 13.4 20.2

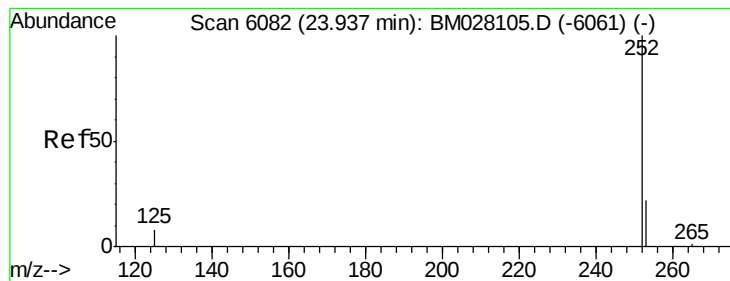


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.765 ng/ul

RT: 23.94 min Scan# 6082

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

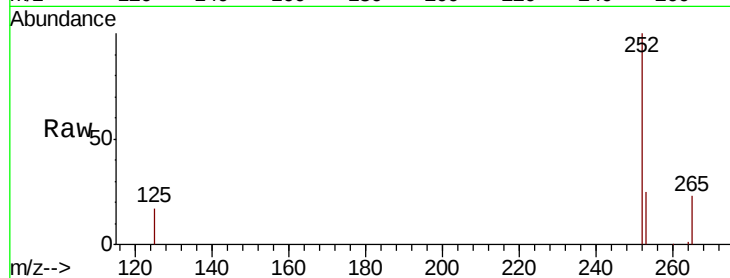
Tot Ion:252 Resp: 21245

Ion Ratio Lower Upper

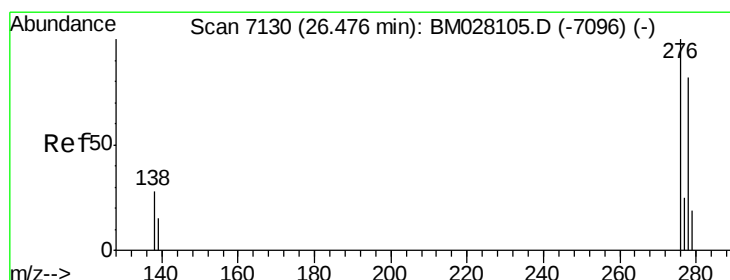
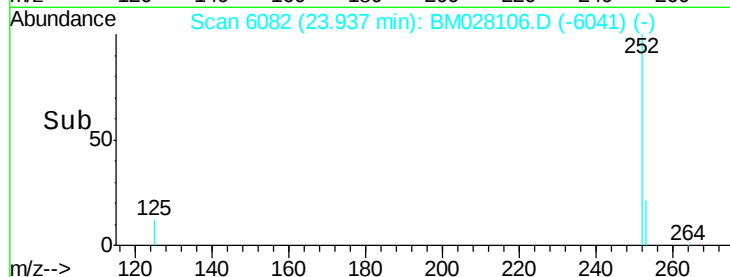
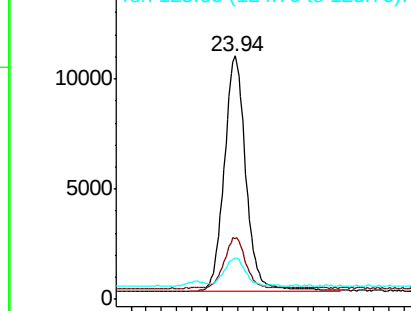
252 100

253 25.1 22.3 33.5

125 17.1 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: 0.785 ng/ul

RT: 26.47 min Scan# 7129

Delta R.T. -0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

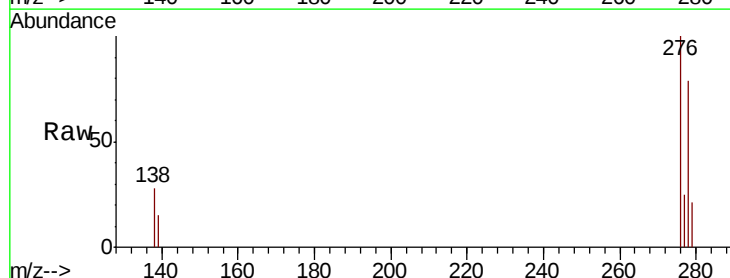
Tgt Ion:276 Resp: 25647

Ion Ratio Lower Upper

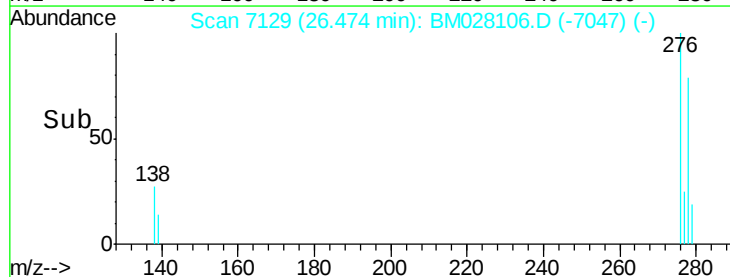
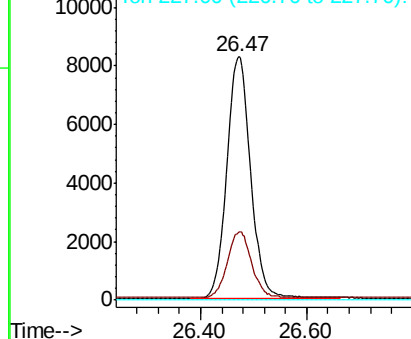
276 100

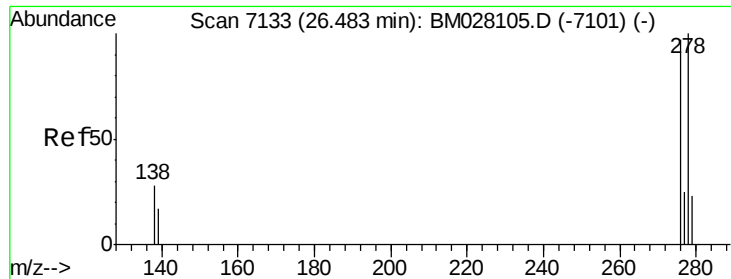
138 27.5 21.7 32.5

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: 0.795 ng/u1

RT: 26.48 min Scan# 7132

Delta R.T. -0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8011

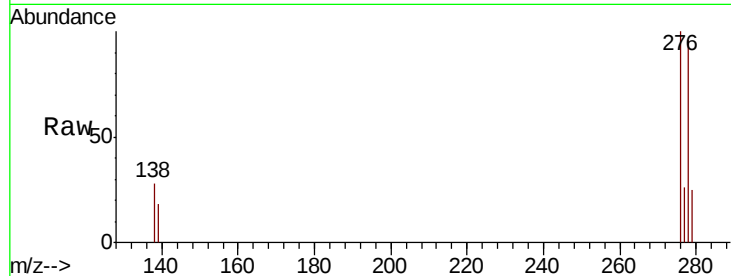
Tot Ion:278 Resp: 21594

Ion Ratio Lower Upper

278 100

139 18.6 15.2 22.8

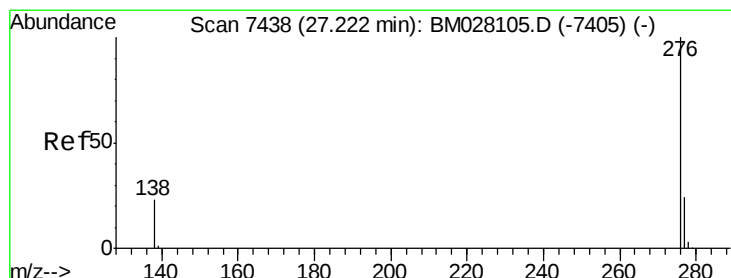
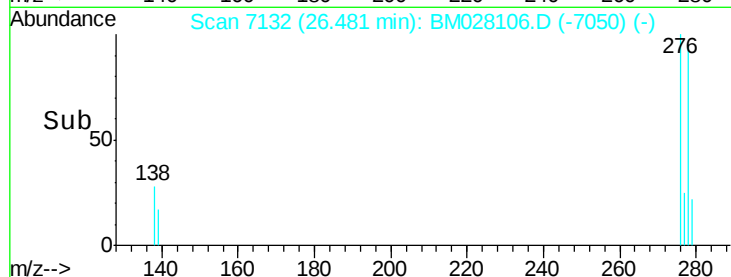
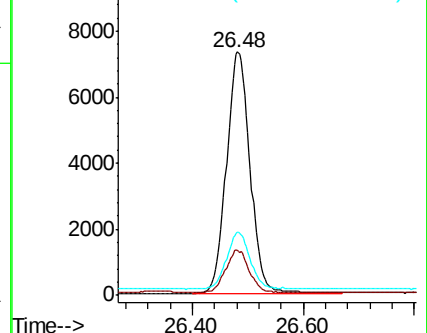
279 25.9 22.2 33.4



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: 0.817 ng/u1

RT: 27.22 min Scan# 7438

Delta R.T. 0.00 min

Lab File: BM028106.D

Acq: 11 Dec 2020 19:10

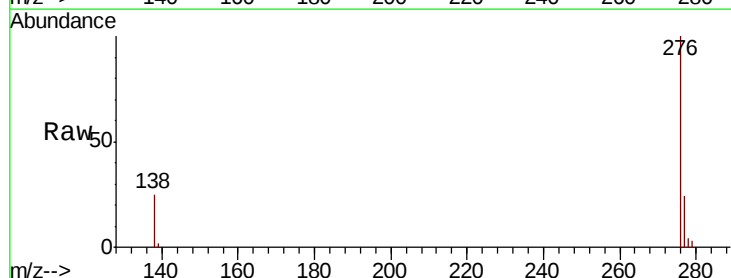
Tgt Ion:276 Resp: 22460

Ion Ratio Lower Upper

276 100

138 24.6 19.7 29.5

277 24.3 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

