

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\
 Data File : BM030582.D
 Acq On : 24 Jun 2021 19:16
 Operator : CG/JU
 Sample : M2662-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB4

Quant Time: Jun 25 02:26:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 12:48:41 2021
 Response via : Initial Calibration

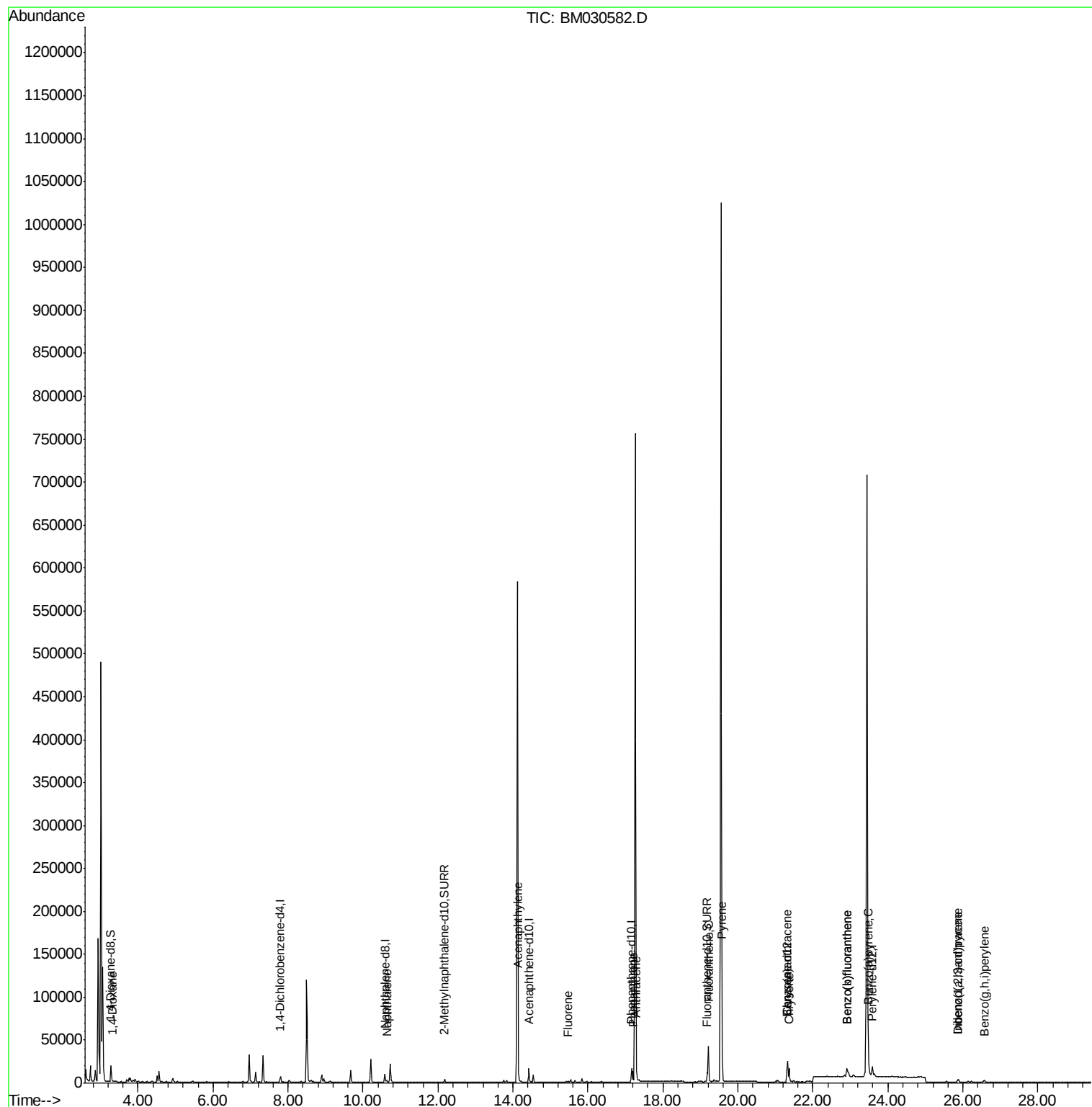
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3473	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	14254	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9023	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	18273	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	16428	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	17621	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12634	3.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	4943	0.22	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	12834	0.25	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.32	88	118	0.030	ng/ul#	45
5) Naphthalene	10.64	128	3095	0.073	ng/ul#	95
10) Acenaphthylene	14.14	152	1256	0.030	ng/ul#	85
12) Fluorene	15.47	166	1004	0.026	ng/ul#	93
15) Phenanthrene	17.20	178	13585	0.209	ng/ul	97
16) Anthracene	17.29	178	6671	0.117	ng/ul#	93
19) Fluoranthene	19.21	202	35235	0.467	ng/ul	100
20) Pyrene	19.57	202	32514	0.420	ng/ul	98
21) Benzo(a)anthracene	21.31	228	17442	0.267	ng/ul	96
22) Chrysene	21.36	228	14671	0.203	ng/ul	97
24) Benzo(b)fluoranthene	22.91	252	23515	0.307	ng/ul#	69
25) Benzo(k)fluoranthene	22.91	252	23515	0.292	ng/ul#	70
26) Benzo(a)pyrene	23.48	252	12982	0.191	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.87	276	6098	0.071	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.87	278	1519	0.022	ng/ul#	1
29) Benzo(a,h,i)perylene	26.57	276	4918	0.066	ng/ul#	85

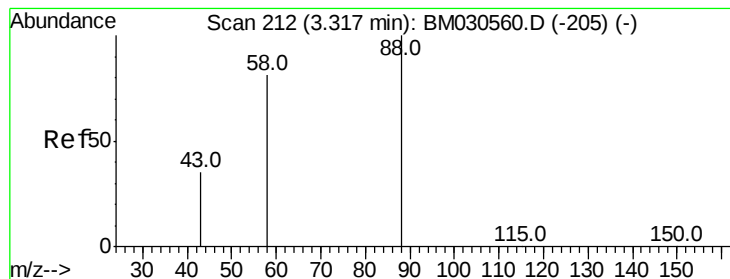
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.030 ng/ul

RT: 3.32 min Scan# 212

Delta R.T. 0.00 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

Instrument :

BNA_M

ClientSampleId :

BGDB4

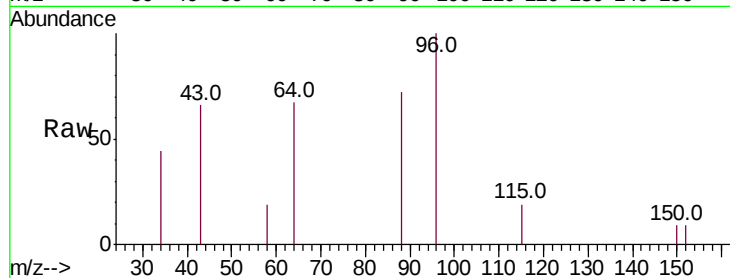
Tot Ion: 88 Resp: 118

Ion Ratio Lower Upper

88 100

43 92.1 37.7 56.5#

58 26.3 48.5 72.7#



Abundance Ion 88.00 (87.70 to 88.70): BM030582.D (-198) (-)

Ion 43.00 (42.70 to 43.70): BM030582.D (-198) (-)

Ion 58.00 (57.70 to 58.70): BM030582.D (-198) (-)

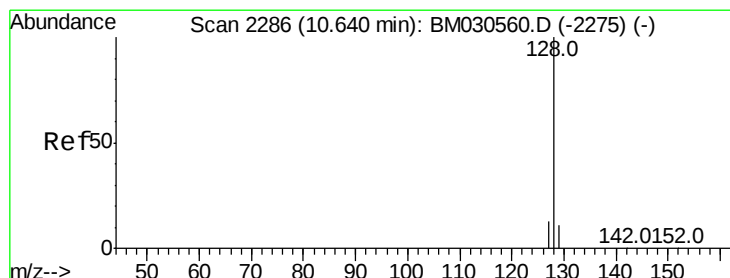
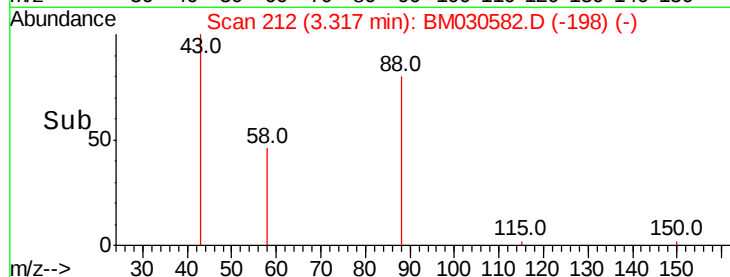
3.32

400

200

0

Time--> 3.28 3.30 3.32 3.34



#5

Naphthalene

Concen: 0.073 ng/ul

RT: 10.64 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

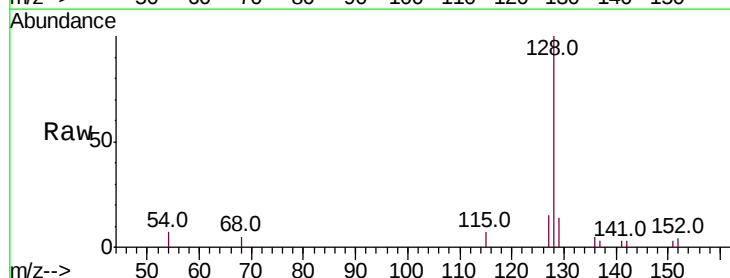
Tgt Ion: 128 Resp: 3095

Ion Ratio Lower Upper

128 100

129 13.9 9.0 13.6#

127 15.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BM030582.D (-2242) (-)

Ion 129.00 (128.70 to 129.70): BM030582.D (-2242) (-)

Ion 127.00 (126.70 to 127.70): BM030582.D (-2242) (-)

10.64

2500

2000

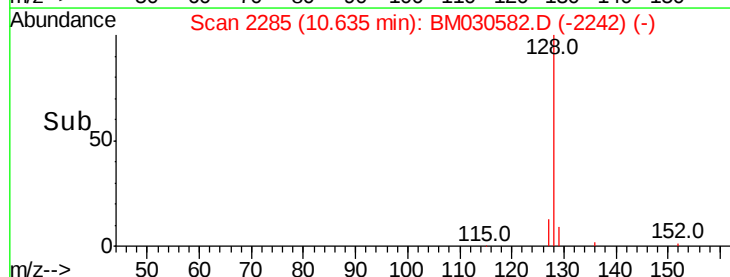
1500

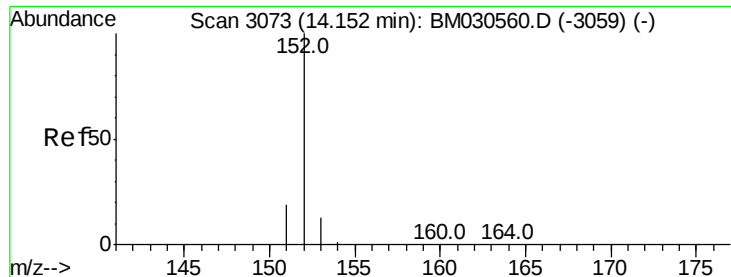
1000

500

0

Time--> 10.55 10.60 10.65 10.70





#10

Acenaphthylene

Concen: 0.030 ng/ul

RT: 14.14 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

Instrument :

BNA_M

ClientSampleId :

BGDB4

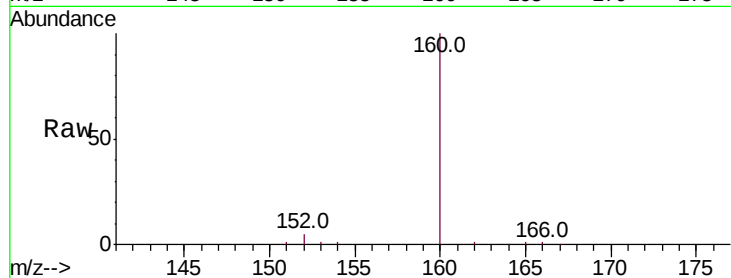
Tot Ion:152 Resp: 1256

Ion Ratio Lower Upper

152 100

151 25.5 15.5 23.3#

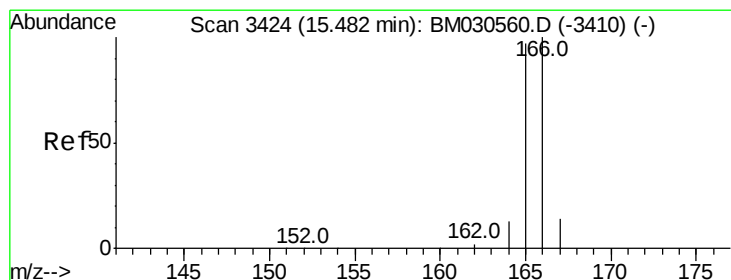
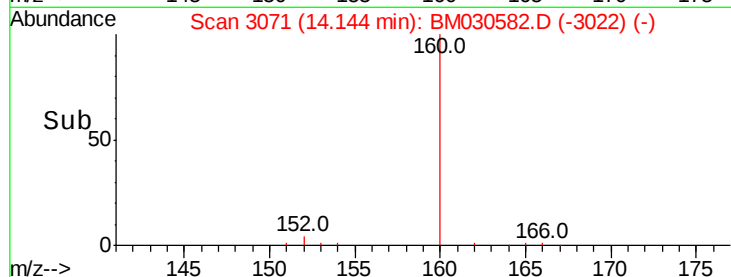
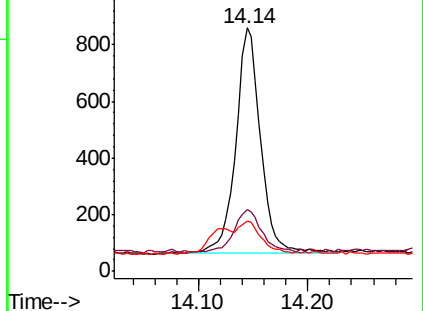
153 20.6 10.7 16.1#



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



#12

Fluorene

Concen: 0.026 ng/ul

RT: 15.47 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

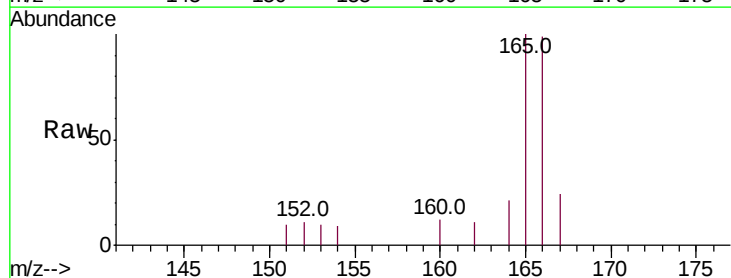
Tgt Ion:166 Resp: 1004

Ion Ratio Lower Upper

166 100

165 101.0 77.7 116.5

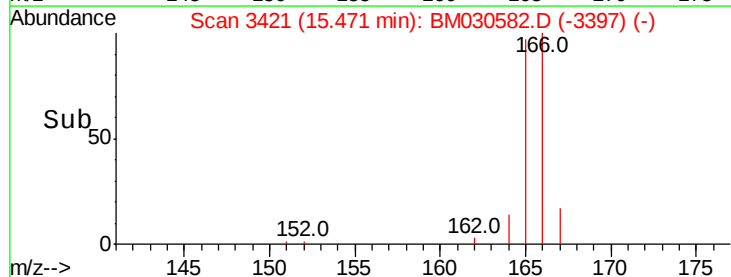
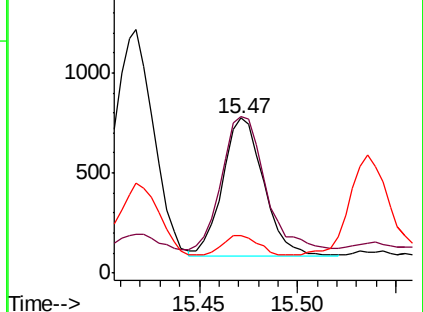
167 24.2 11.3 16.9#

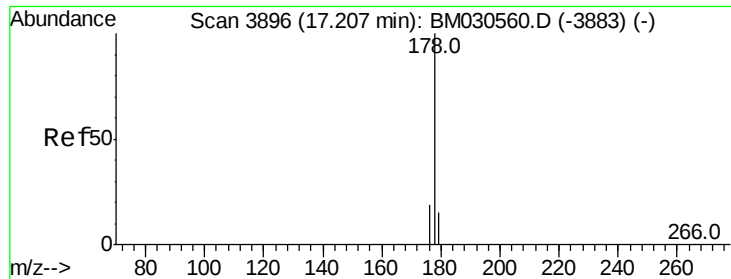


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#15

Phenanthrene

Concen: 0.209 ng/ul

RT: 17.20 min Scan# 3895

Delta R.T. -0.00 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

Instrument :

BNA_M

ClientSampleId :

BGDB4

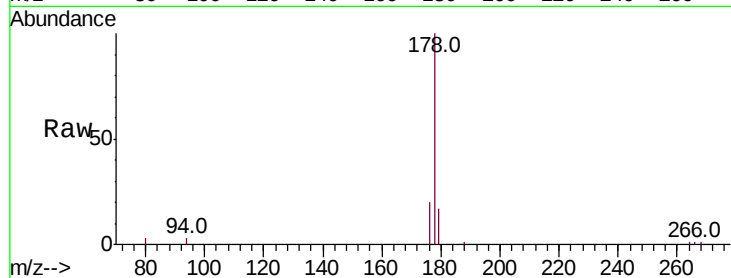
Tot Ion:178 Resp: 13585

Ion Ratio Lower Upper

178 100

179 17.5 12.6 19.0

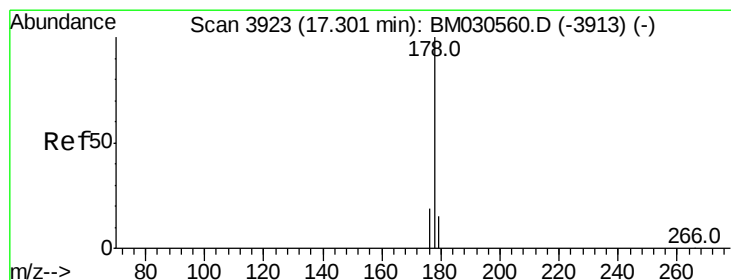
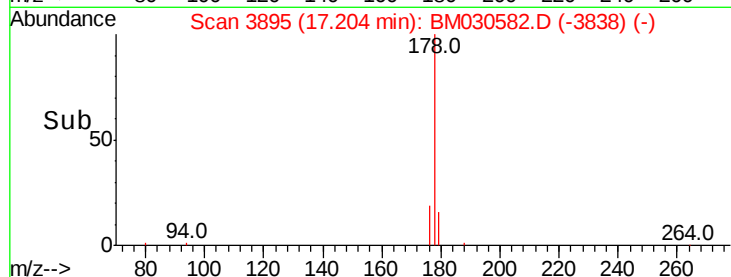
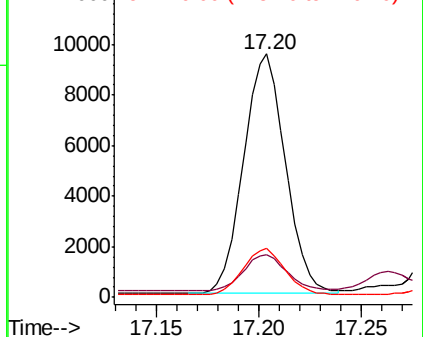
176 20.0 15.5 23.3



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: 0.117 ng/ul

RT: 17.29 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

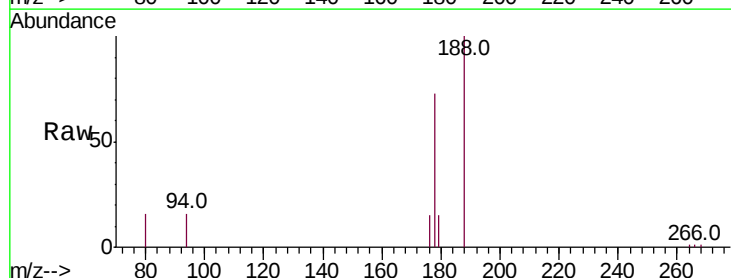
Tgt Ion:178 Resp: 6671

Ion Ratio Lower Upper

178 100

179 20.7 12.7 19.1#

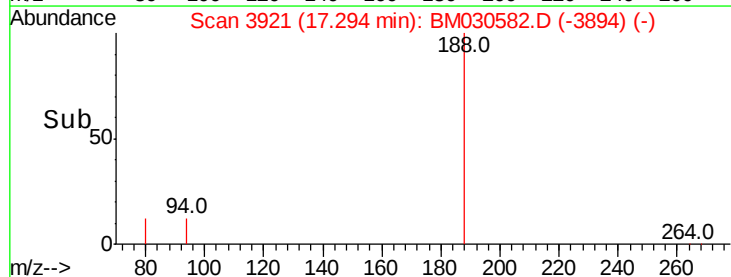
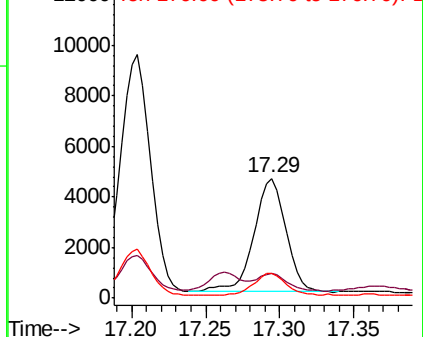
176 20.5 15.2 22.8

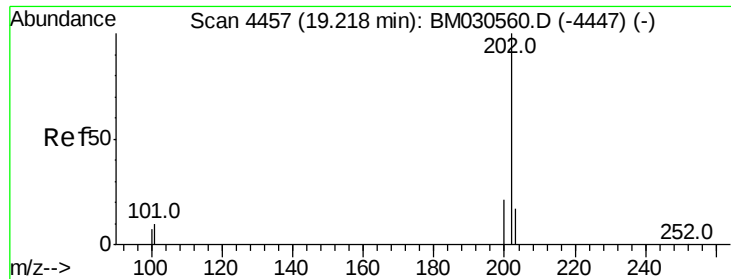


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#19

Fluoranthene

Concen: 0.467 ng/ul

RT: 19.21 min Scan# 4456

Delta R.T. -0.00 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

Instrument :

BNA_M

ClientSampleId :

BGDB4

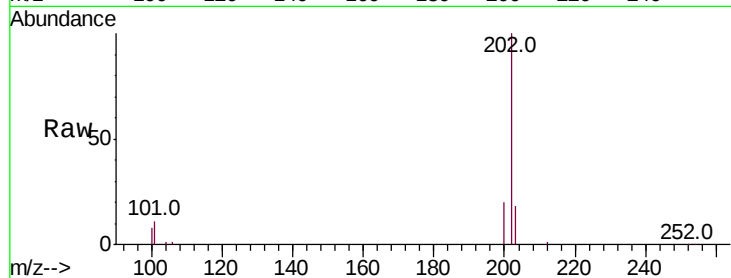
Tot Ion:202 Resp: 35235

Ion Ratio Lower Upper

202 100

101 11.2 8.8 13.2

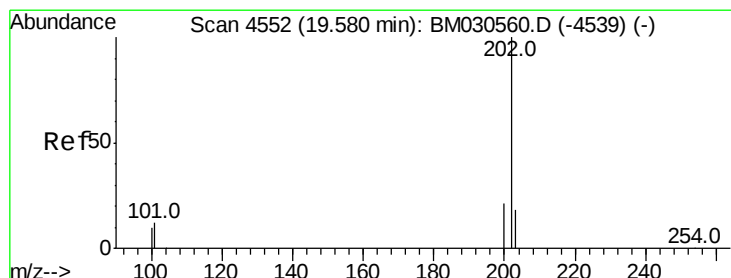
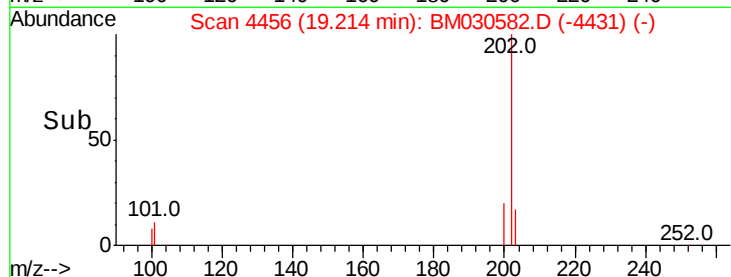
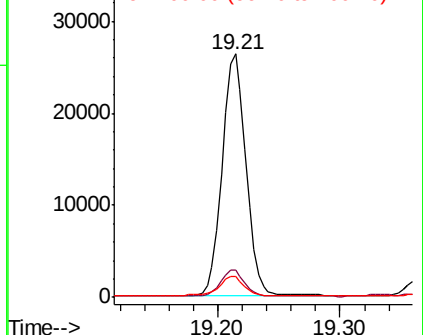
100 8.5 6.9 10.3



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: 0.420 ng/ul

RT: 19.57 min Scan# 4550

Delta R.T. -0.01 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

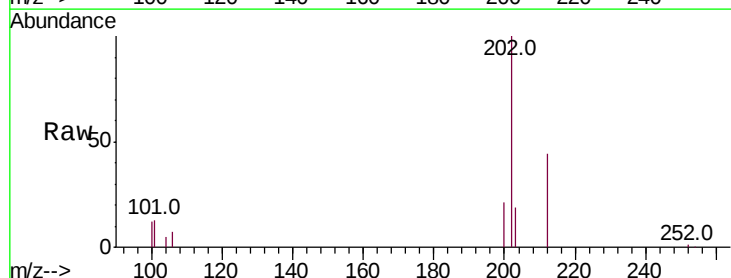
Tgt Ion:202 Resp: 32514

Ion Ratio Lower Upper

202 100

101 13.0 10.1 15.1

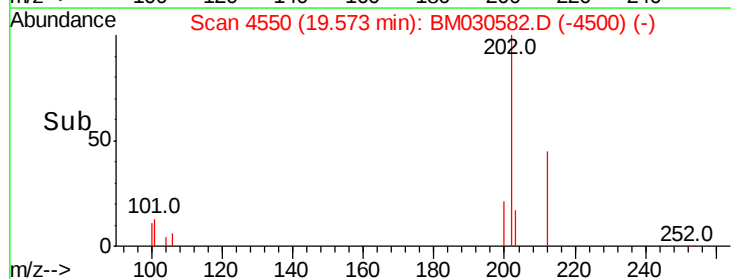
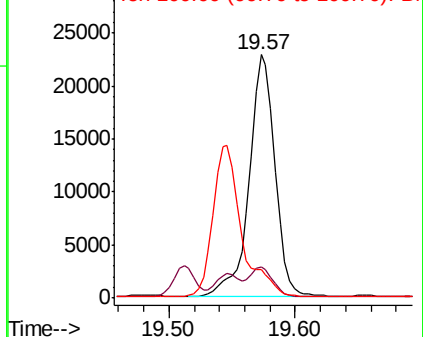
100 11.6 8.2 12.2

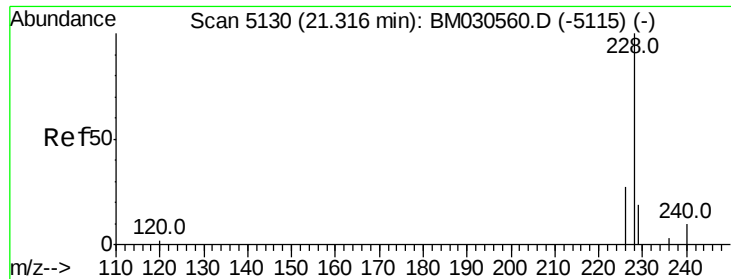


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.267 ng/ul

RT: 21.31 min Scan# 5128

Delta R.T. -0.00 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

Instrument :

BNA_M

ClientSampleId :

BGDB4

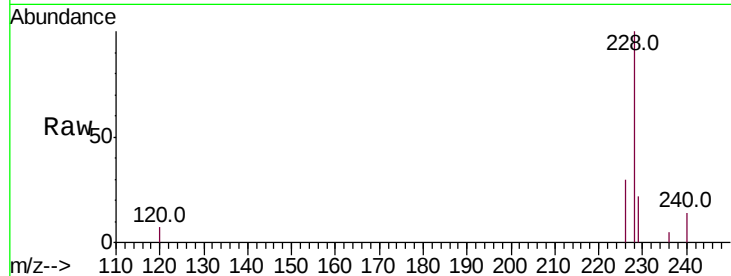
Tot Ion:228 Resp: 17442

Ion Ratio Lower Upper

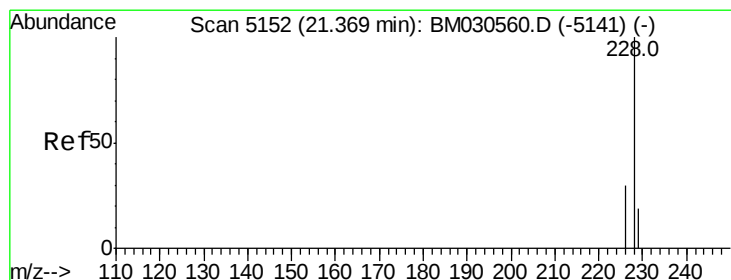
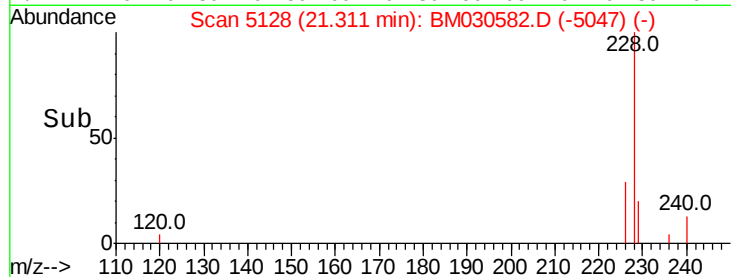
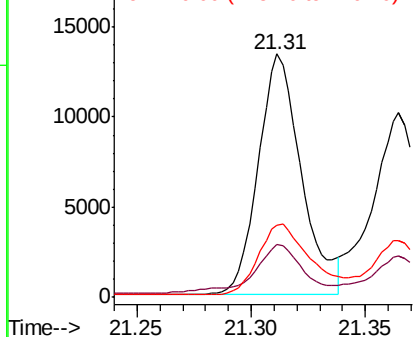
228 100

229 21.6 15.8 23.6

226 29.8 22.2 33.4



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: 0.203 ng/ul

RT: 21.36 min Scan# 5150

Delta R.T. -0.00 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

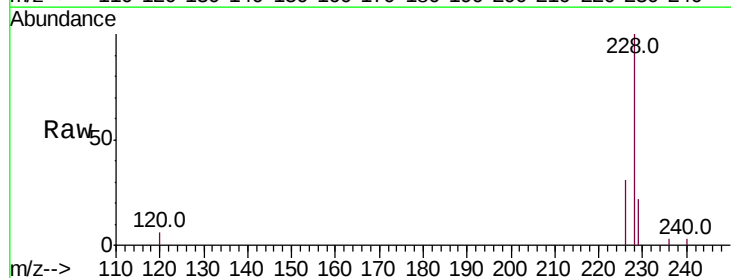
Tgt Ion:228 Resp: 14671

Ion Ratio Lower Upper

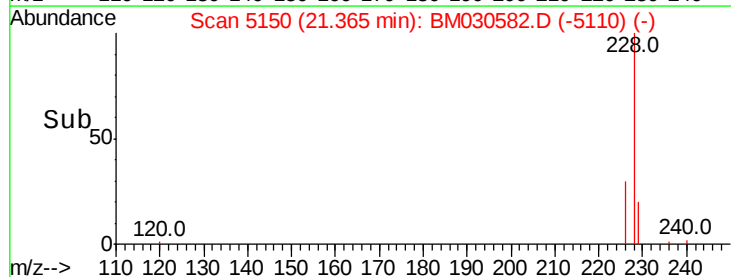
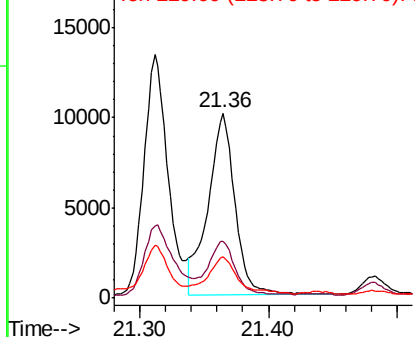
228 100

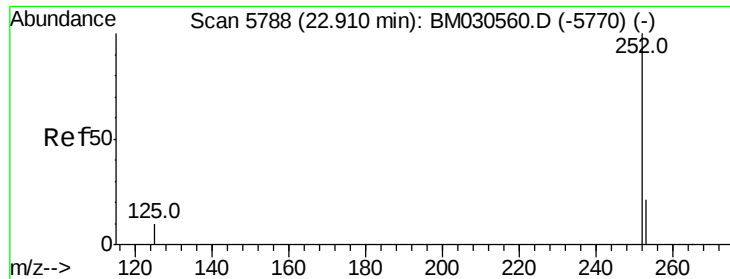
226 30.7 24.4 36.6

229 22.0 15.4 23.0



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: 0.307 ng/u1

RT: 22.91 min Scan# 5788

Delta R.T. 0.00 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

Instrument :

BNA_M

ClientSampleId :

BGDB4

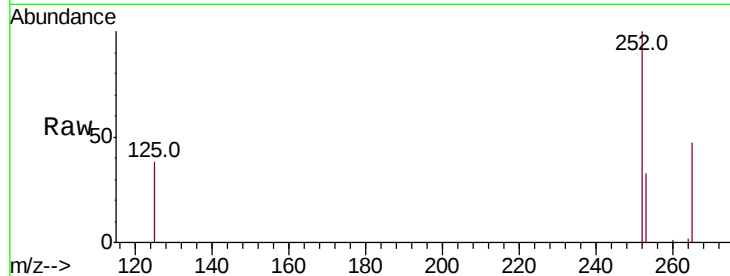
Tot Ion:252 Resp: 23515

Ion Ratio Lower Upper

252 100

253 32.8 0.0 50.2

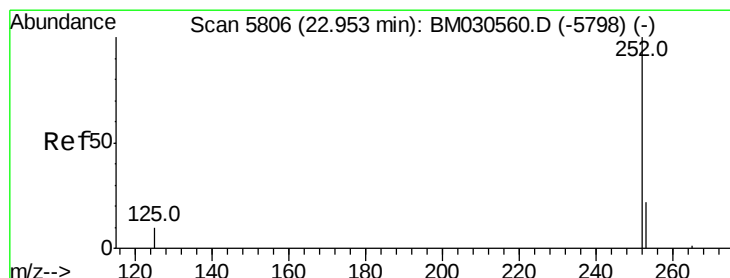
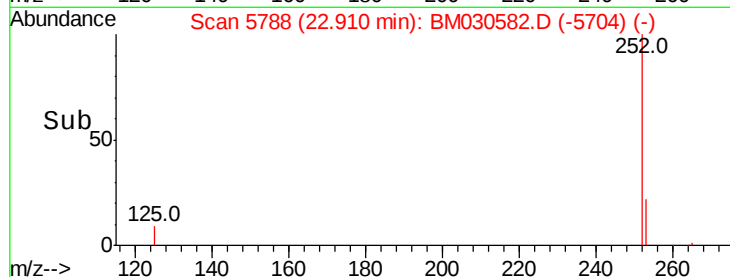
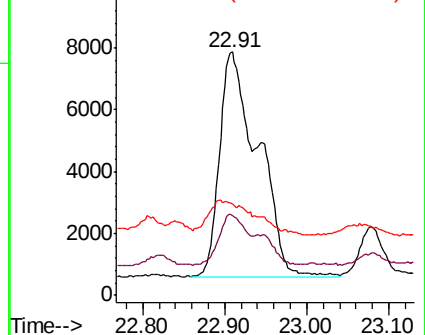
125 37.7 0.0 27.8#



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: 0.292 ng/u1

RT: 22.91 min Scan# 5788

Delta R.T. -0.04 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

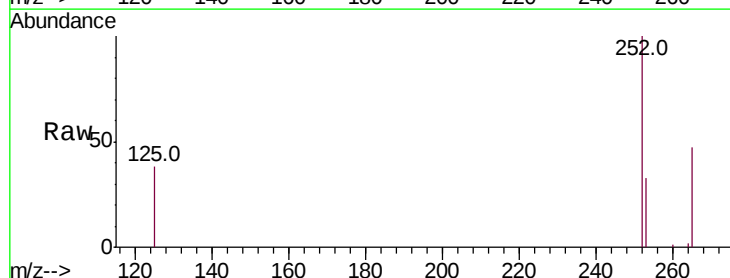
Tgt Ion:252 Resp: 23515

Ion Ratio Lower Upper

252 100

253 32.8 20.6 31.0#

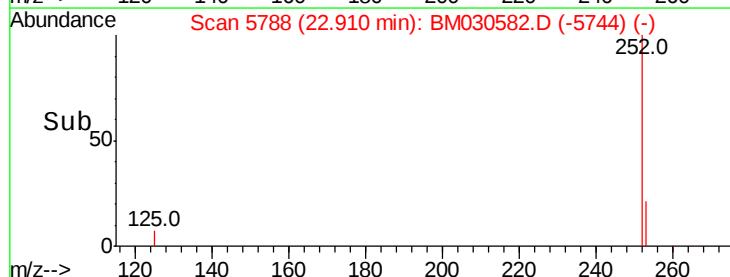
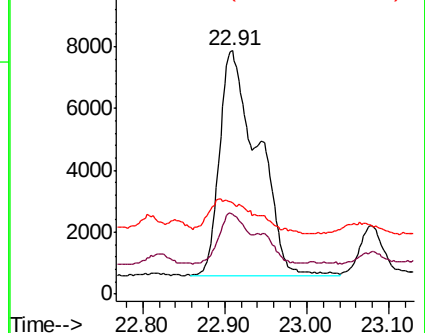
125 37.7 11.0 16.4#

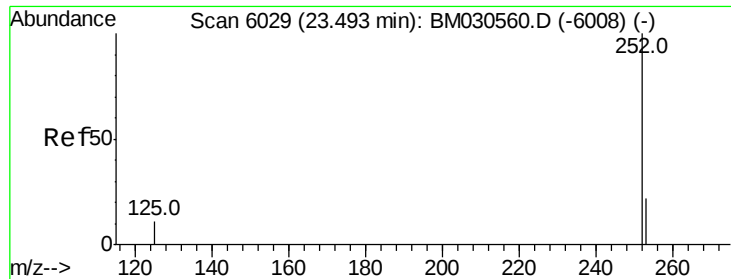


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.191 ng/ul

RT: 23.48 min Scan# 6025

Delta R.T. -0.01 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

Instrument :

BNA_M

ClientSampleId :

BGDB4

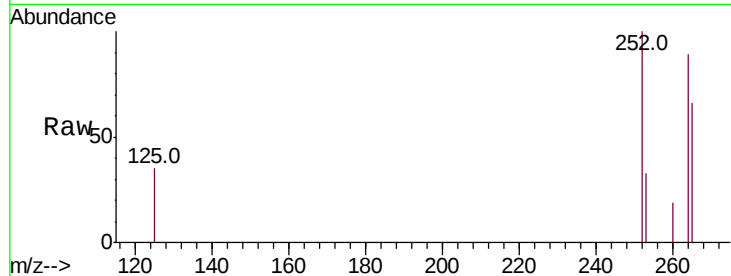
Tot Ion:252 Resp: 12982

Ion Ratio Lower Upper

252 100

253 33.0 22.0 33.0#

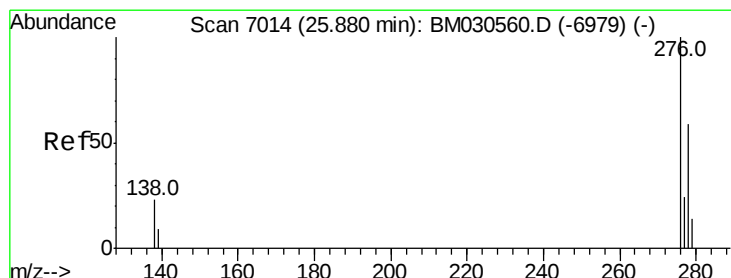
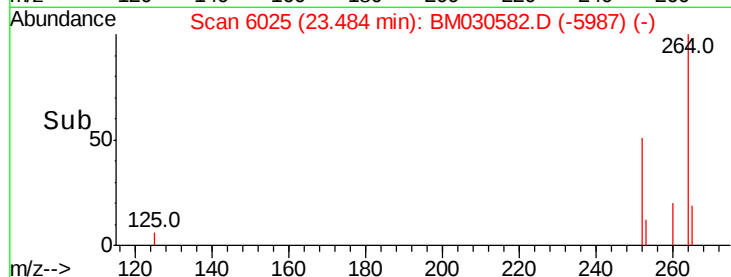
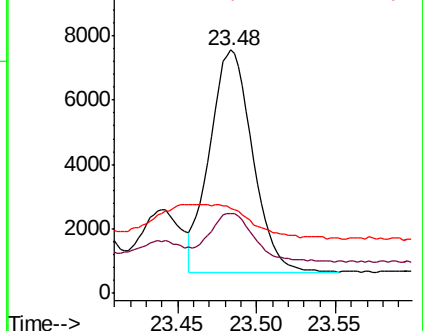
125 35.0 13.4 20.2#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.071 ng/ul

RT: 25.87 min Scan# 7010

Delta R.T. -0.00 min

Lab File: BM030582.D

Acq: 24 Jun 2021 19:16

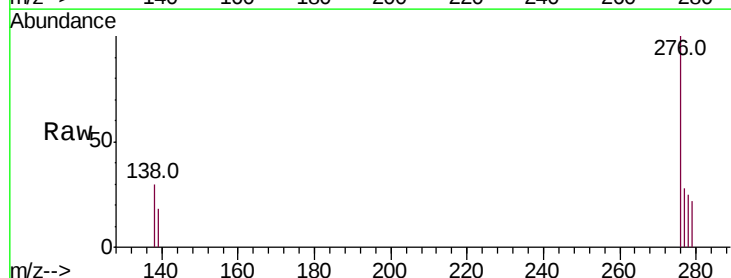
Tgt Ion:276 Resp: 6098

Ion Ratio Lower Upper

276 100

138 20.1 19.1 28.7

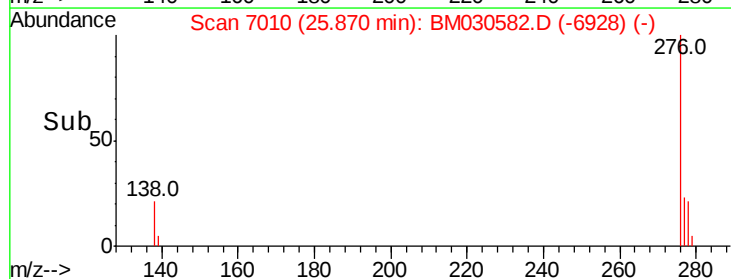
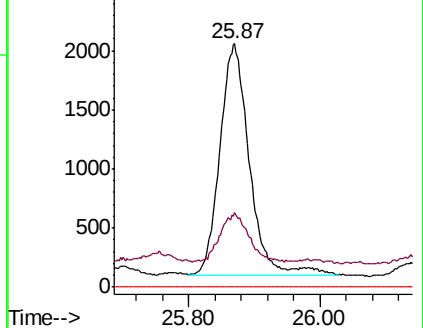
227 0.0 0.0 0.0

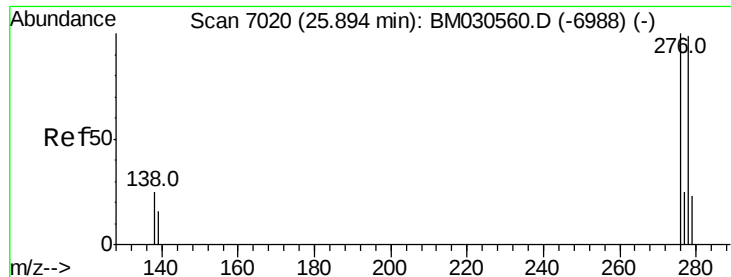


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

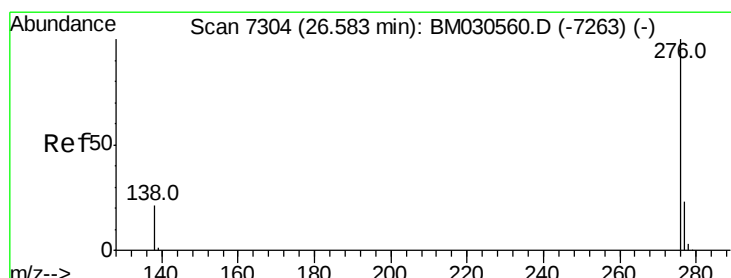
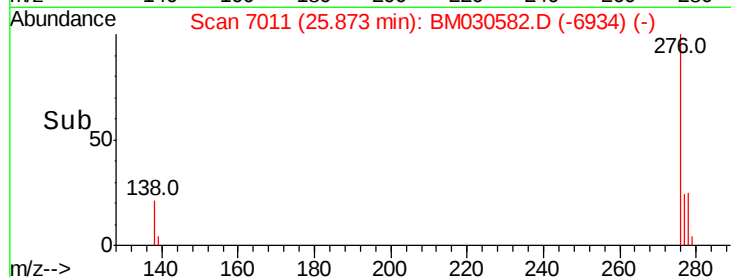
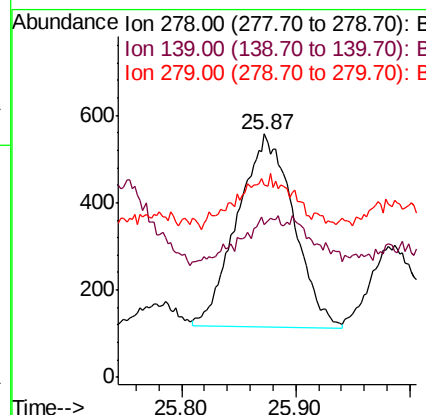
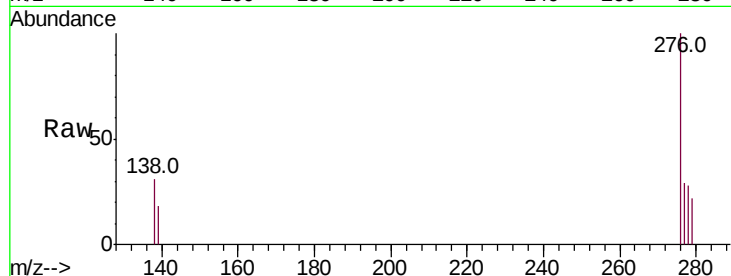




#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.87 min Scan# 7011
Delta R.T. -0.01 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Instrument :
BNA_M
ClientSampleId :
BGDB4

Tot Ion:278 Resp: 1519
Ion Ratio Lower Upper
278 100
139 62.7 14.2 21.4#
279 79.0 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.57 min Scan# 7298
Delta R.T. -0.00 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion:276 Resp: 4918
Ion Ratio Lower Upper
276 100
138 31.3 18.0 27.0#
277 30.6 19.5 29.3#

