

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
 Data File : BM029185.D
 Acq On : 22 Mar 2021 19:40
 Operator : CG/JU
 Sample : SST00.101
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST00.1001

Quant Time: Mar 23 02:12:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 02:06:52 2021
 Response via : Initial Calibration

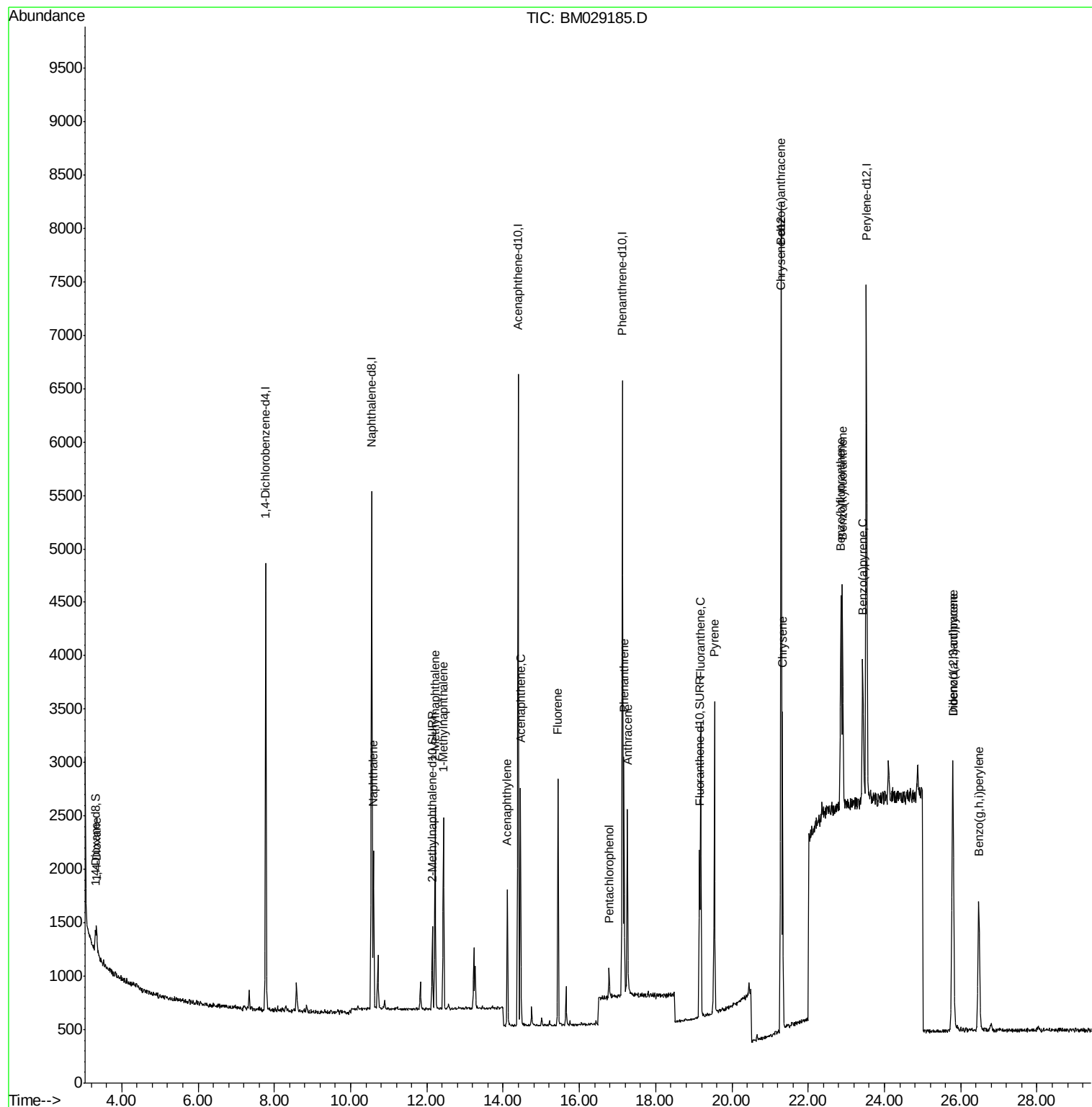
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2091	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	6446	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	3228	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	6915	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	6454	0.40	ng/ul	0.00
23) Perylene-d12	23.53	264	6643	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	221	0.09	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.14	152	975	0.10	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	1780	0.09	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.33	88	206	0.084	ng/ul#	79
5) Naphthalene	10.60	128	1972	0.110	ng/ul#	94
7) 2-Methylnaphthalene	12.21	142	1293	0.106	ng/ul	97
8) 1-Methylnaphthalene	12.43	142	1227	0.105	ng/ul	98
10) Acenaphthylene	14.11	152	1468	0.102	ng/ul#	91
11) Acenaphthene	14.45	153	1278	0.114	ng/ul	98
12) Fluorene	15.44	166	1410	0.110	ng/ul	97
14) Pentachlorophenol	16.78	266	186	0.098	ng/ul	98
15) Phenanthrene	17.17	178	2336	0.110	ng/ul	95
16) Anthracene	17.26	178	1927	0.099	ng/ul	94
19) Fluoranthene	19.18	202	2396	0.099	ng/ul#	93
20) Pyrene	19.54	202	2434	0.099	ng/ul#	94
21) Benzo(a)anthracene	21.28	228	2062	0.090	ng/ul	95
22) Chrysene	21.33	228	2373	0.100	ng/ul	94
24) Benzo(b)fluoranthene	22.85	252	2520	0.096	ng/ul	75
25) Benzo(k)fluoranthene	22.90	252	2606	0.101	ng/ul#	73
26) Benzo(a)pyrene	23.43	252	2049	0.091	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.79	276	3136	0.105	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.80	278	2600	0.104	ng/ul#	80
29) Benzo(g,h,i)perylene	26.47	276	2555	0.102	ng/ul#	87

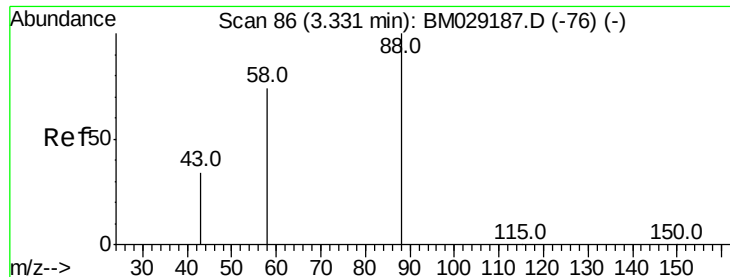
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
Data File : BM029185.D
Acq On : 22 Mar 2021 19:40
Operator : CG/JU
Sample : SST0.101
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

Quant Time: Mar 23 02:12:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 02:06:52 2021
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.084 ng/ul

RT: 3.33 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

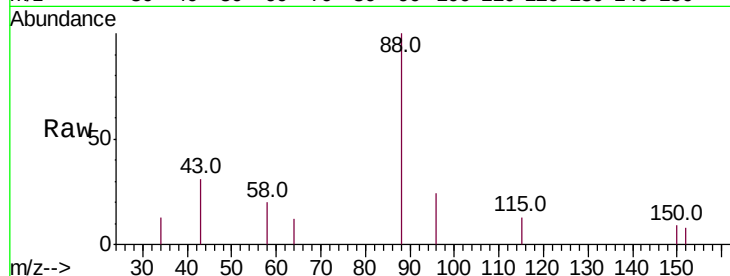
Tot Ion: 88 Resp: 206

Ion Ratio Lower Upper

88 100

43 31.4 26.1 39.1

58 19.9 33.8 50.6#



Abundance Ion 88.00 (87.70 to 88.70): BM029187.D (-76) (-)

Ion 43.00 (42.70 to 43.70): BM029187.D (-76) (-)

Ion 58.00 (57.70 to 58.70): BM029187.D (-76) (-)

3.33

600

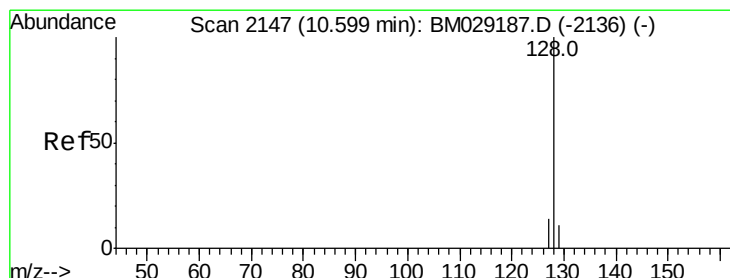
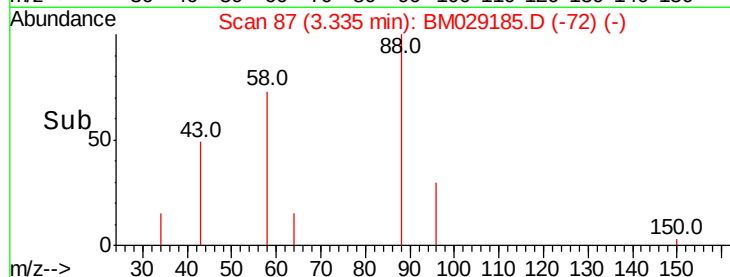
400

200

0

3.30 3.35

Time-->



#5

Naphthalene

Concen: 0.110 ng/ul

RT: 10.60 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

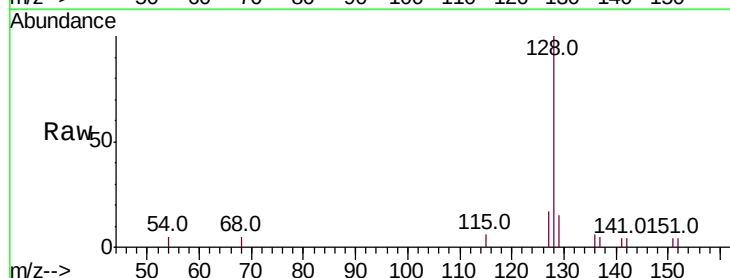
Tgt Ion: 128 Resp: 1972

Ion Ratio Lower Upper

128 100

129 14.9 9.5 14.3#

127 16.6 11.8 17.8



Abundance Ion 128.00 (127.70 to 128.70): BM029187.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): BM029187.D (-2136) (-)

Ion 127.00 (126.70 to 127.70): BM029187.D (-2136) (-)

10.60

1500

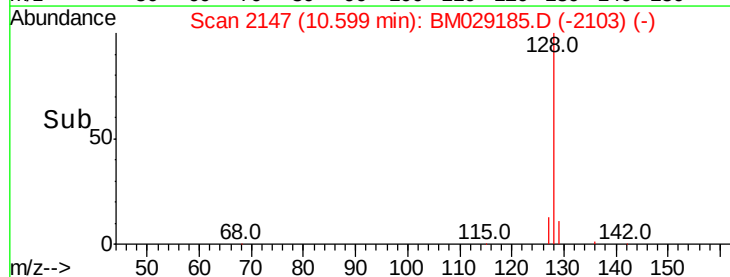
1000

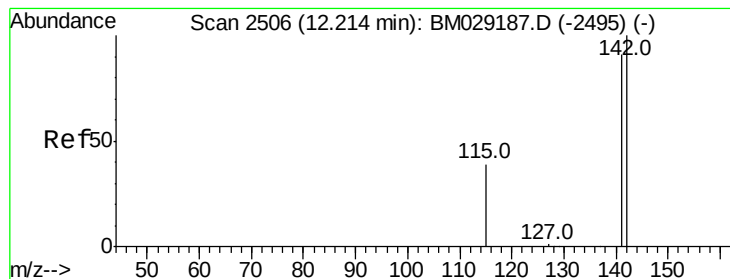
500

0

10.50 10.55 10.60 10.65

Time-->





#7

2-Methylnaphthalene

Concen: 0.106 ng/ul

RT: 12.21 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

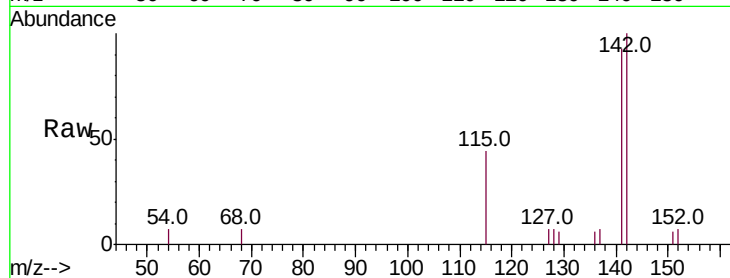
SSTD0.1001

Tot Ion:142 Resp: 1293

Ion Ratio Lower Upper

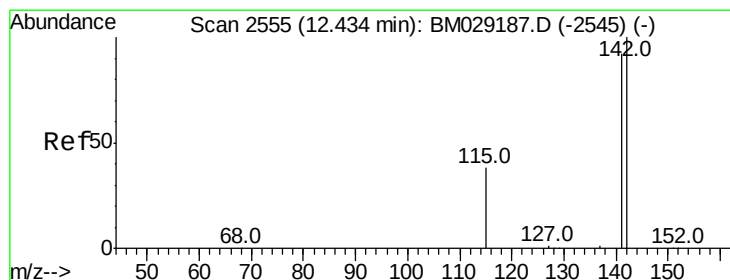
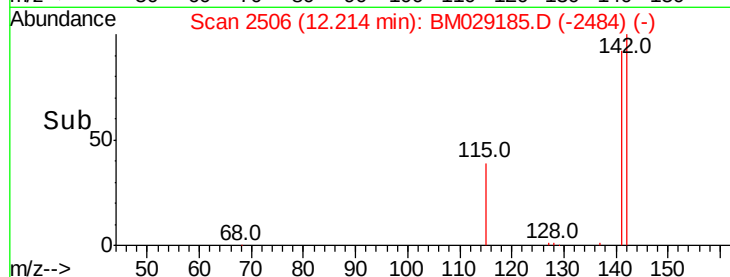
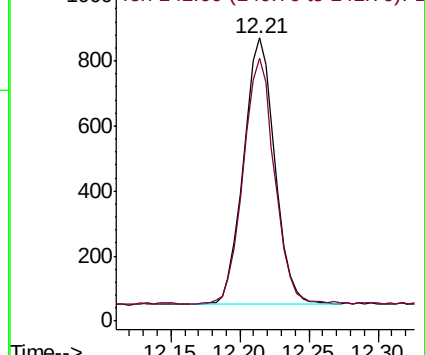
142 100

141 92.6 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.105 ng/ul

RT: 12.43 min Scan# 2555

Delta R.T. -0.00 min

Lab File: BM029185.D

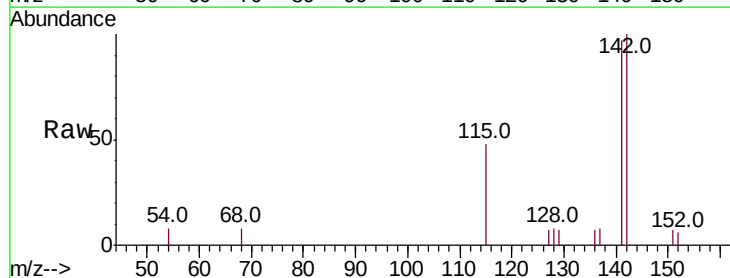
Acq: 22 Mar 2021 19:40

Tgt Ion:142 Resp: 1227

Ion Ratio Lower Upper

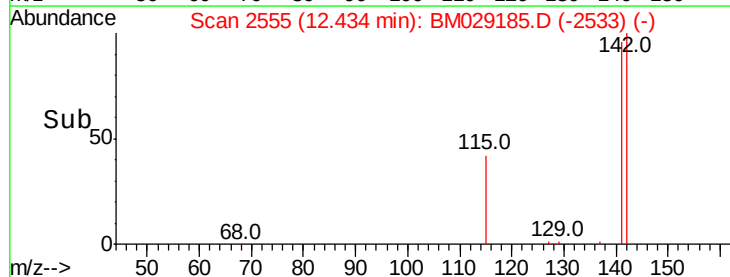
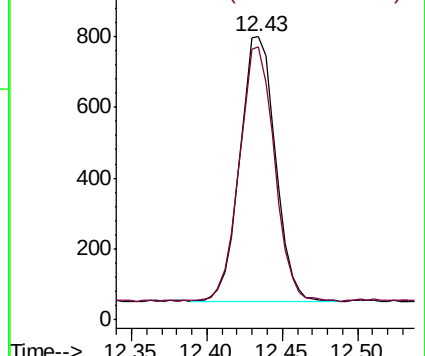
142 100

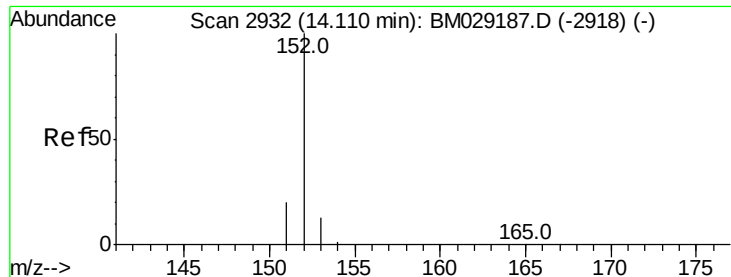
141 94.9 74.0 111.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.102 ng/ul

RT: 14.11 min Scan# 2932

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

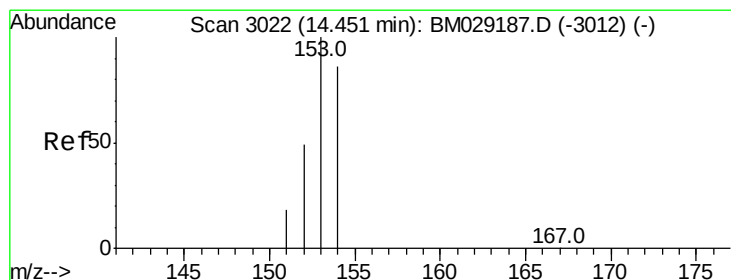
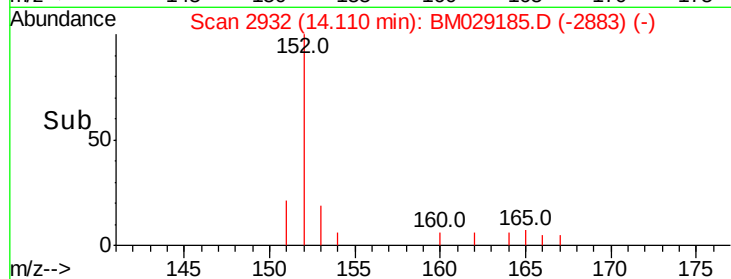
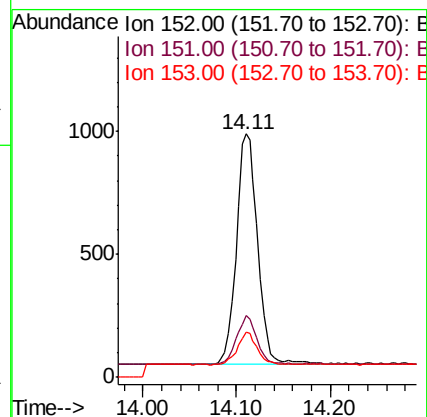
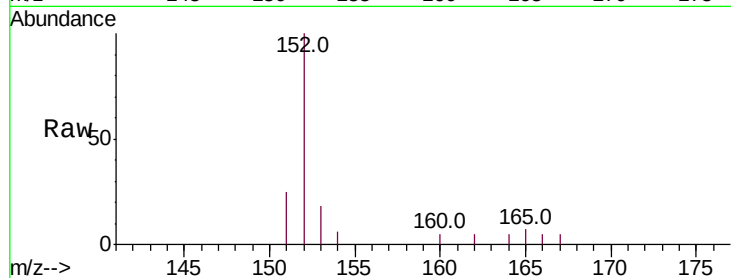
Tot Ion:152 Resp: 1468

Ion Ratio Lower Upper

152 100

151 25.5 17.2 25.8

153 18.4 11.1 16.7#



#11

Acenaphthene

Concen: 0.114 ng/ul

RT: 14.45 min Scan# 3022

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

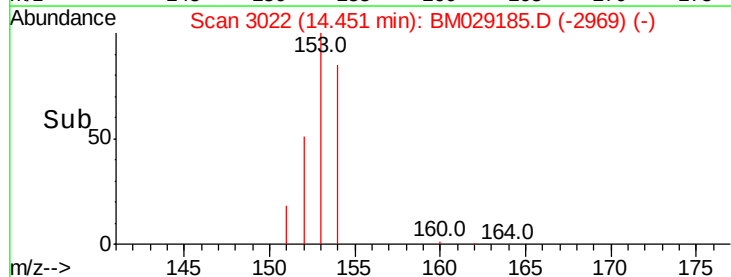
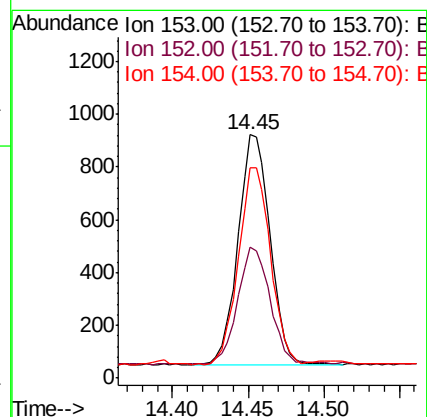
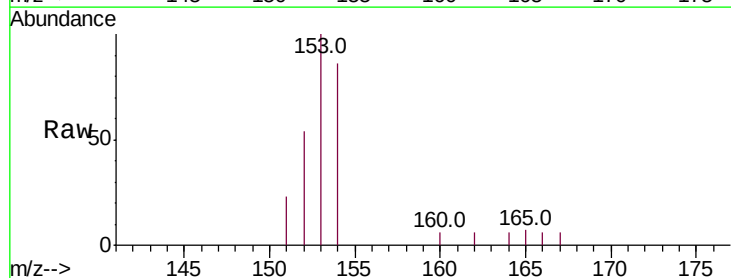
Tgt Ion:153 Resp: 1278

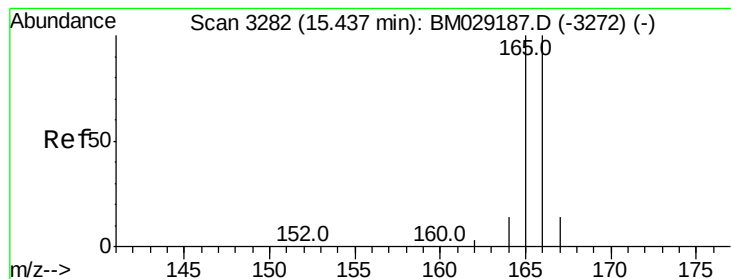
Ion Ratio Lower Upper

153 100

152 54.0 40.1 60.1

154 86.1 69.0 103.4





#12

Fluorene

Concen: 0.110 ng/ul

RT: 15.44 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

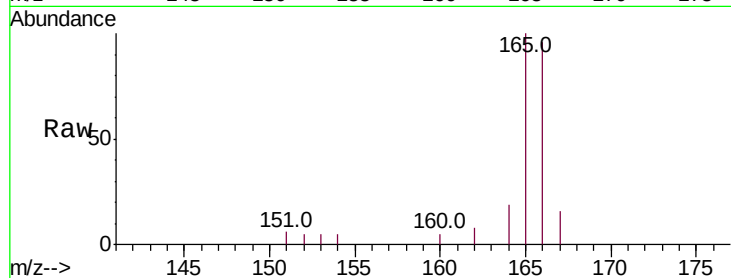
Tot Ion:166 Resp: 1410

Ion Ratio Lower Upper

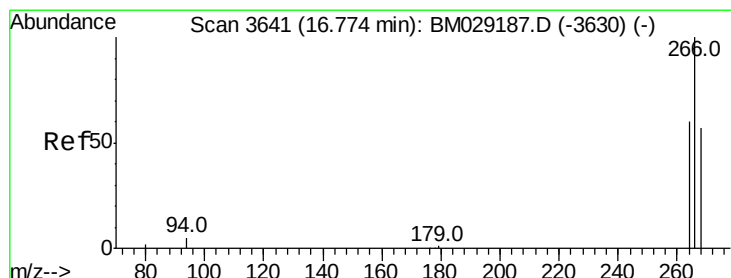
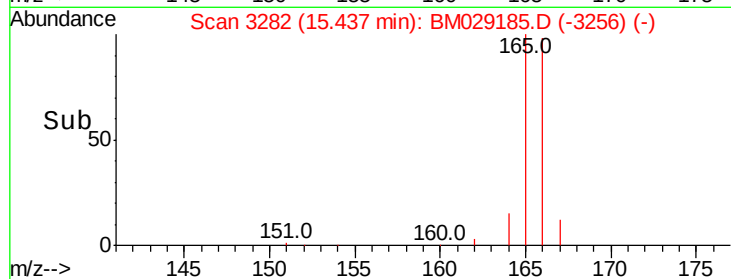
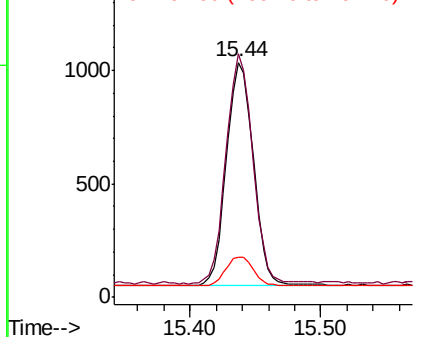
166 100

165 103.7 80.6 120.8

167 17.0 12.0 18.0



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: 0.098 ng/ul

RT: 16.78 min Scan# 3642

Delta R.T. 0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

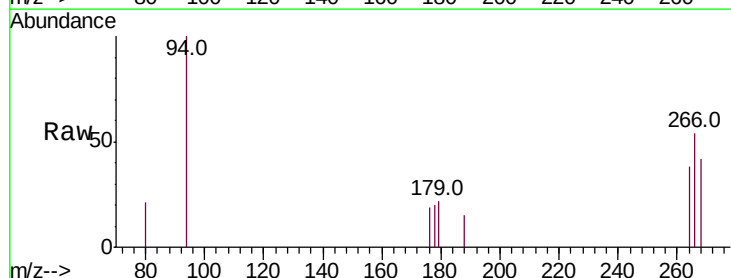
Tgt Ion:266 Resp: 186

Ion Ratio Lower Upper

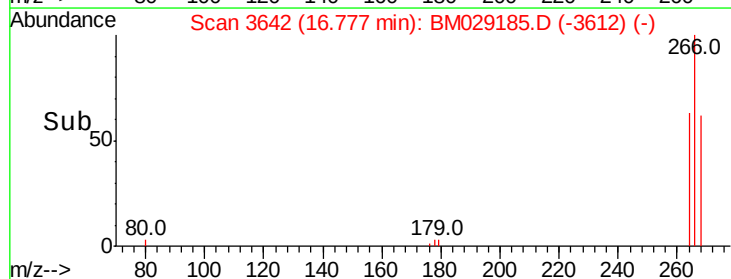
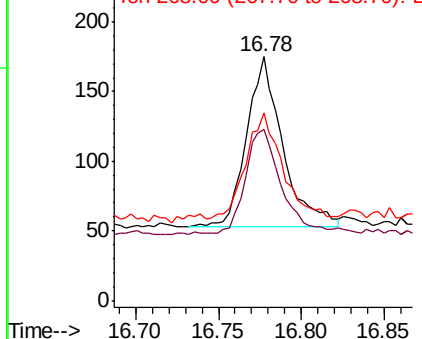
266 100

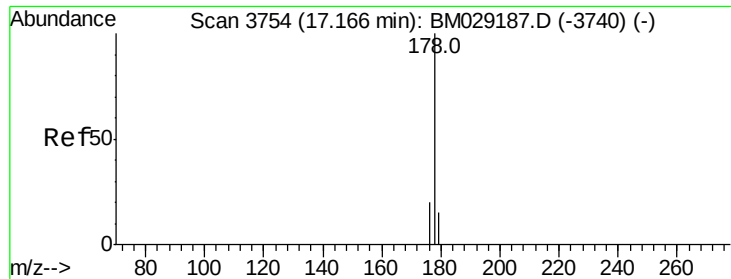
264 62.9 48.1 72.1

268 64.5 51.8 77.6



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: 0.110 ng/ul

RT: 17.17 min Scan# 3754

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

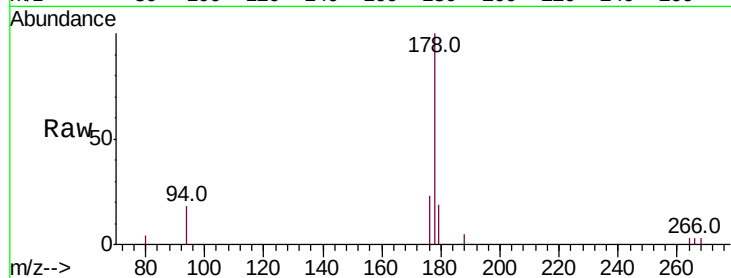
Tot Ion:178 Resp: 2336

Ion Ratio Lower Upper

178 100

179 18.9 12.9 19.3

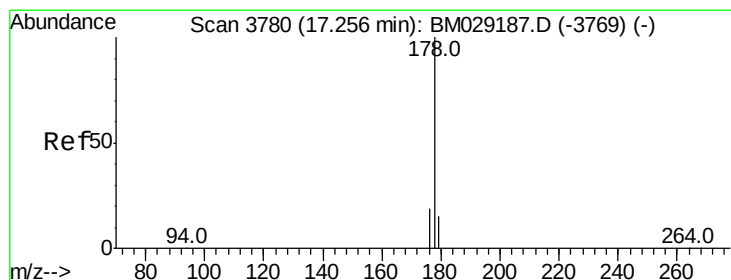
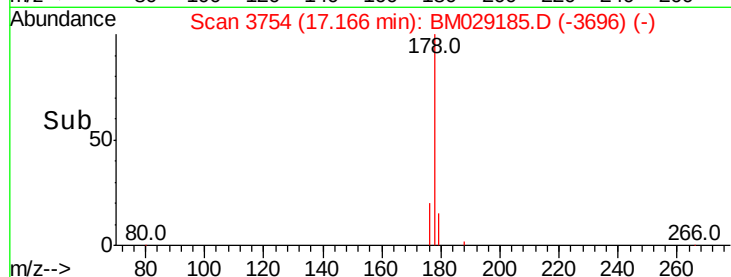
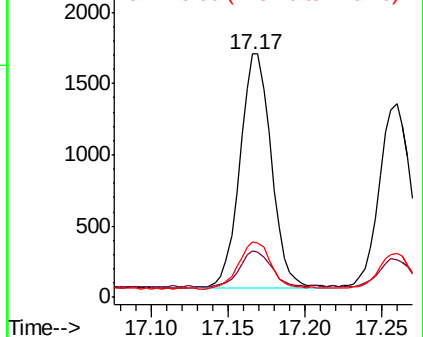
176 22.6 16.5 24.7



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: 0.099 ng/ul

RT: 17.26 min Scan# 3781

Delta R.T. 0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

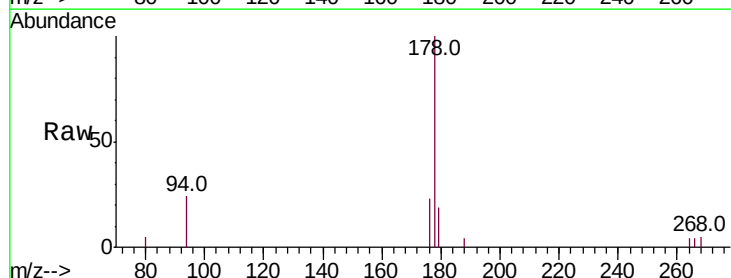
Tgt Ion:178 Resp: 1927

Ion Ratio Lower Upper

178 100

179 19.4 13.1 19.7

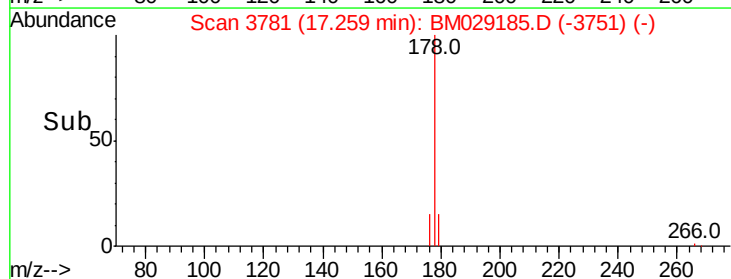
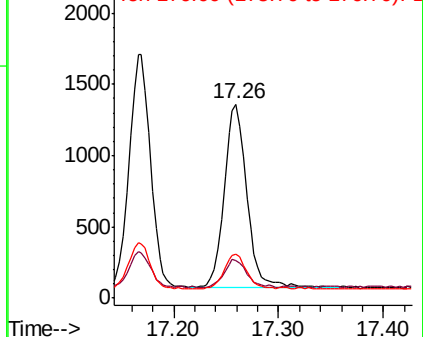
176 22.7 16.2 24.2

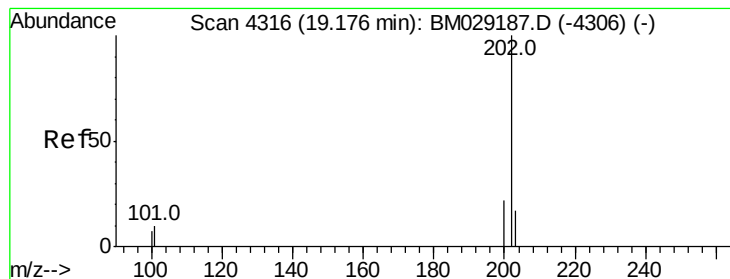


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#19

Fluoranthene

Concen: 0.099 ng/ul

RT: 19.18 min Scan# 4316

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

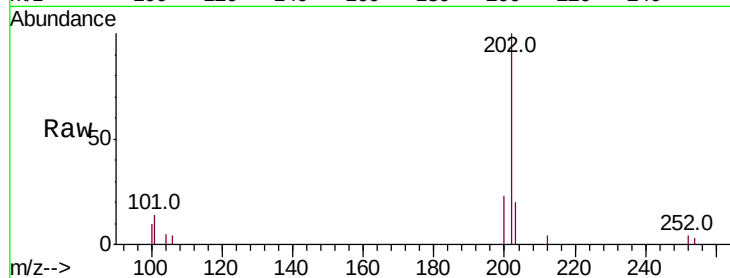
Tot Ion:202 Resp: 2396

Ion Ratio Lower Upper

202 100

101 14.2 8.7 13.1#

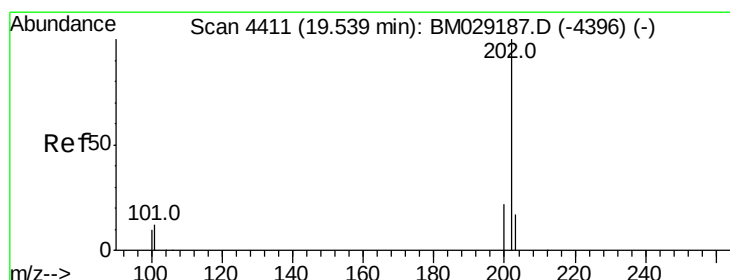
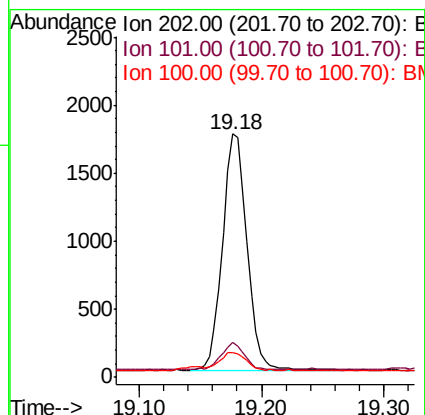
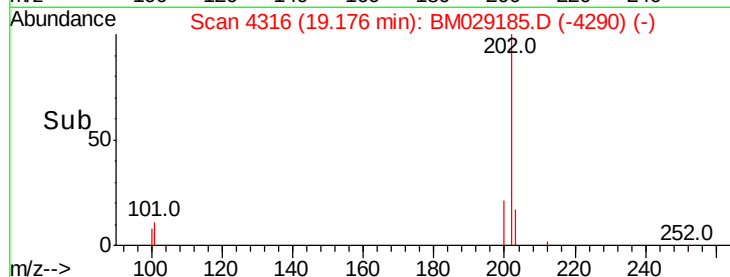
100 10.4 6.9 10.3#



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: 0.099 ng/ul

RT: 19.54 min Scan# 4411

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

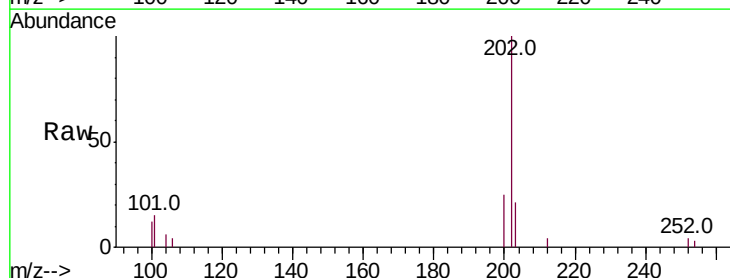
Tgt Ion:202 Resp: 2434

Ion Ratio Lower Upper

202 100

101 15.4 10.2 15.4#

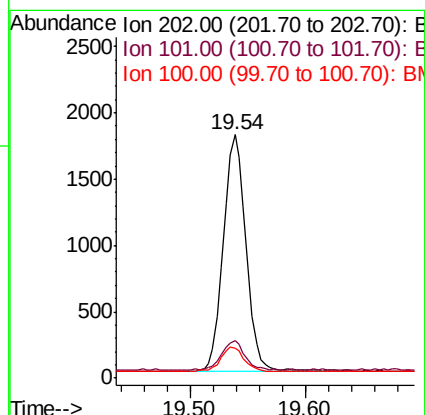
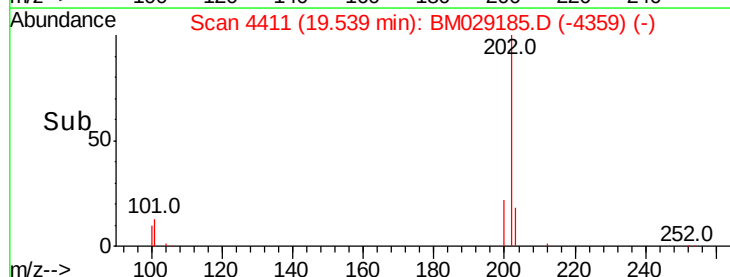
100 12.4 8.5 12.7

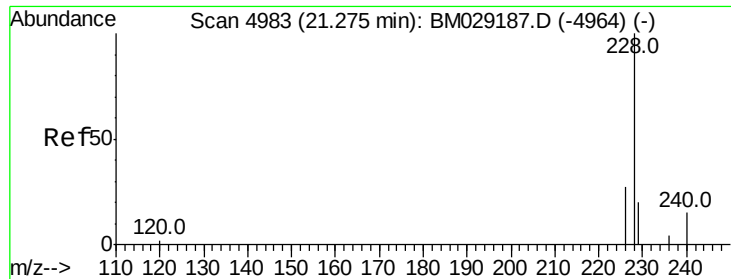


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.090 ng/ul

RT: 21.28 min Scan# 4983

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

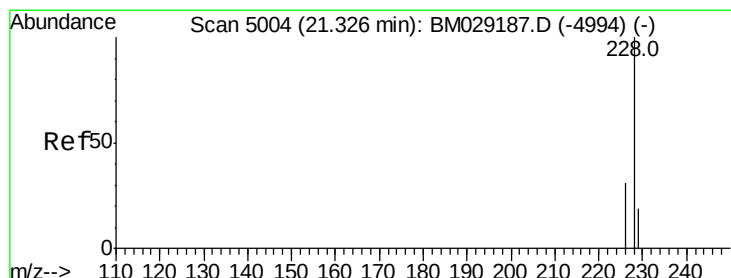
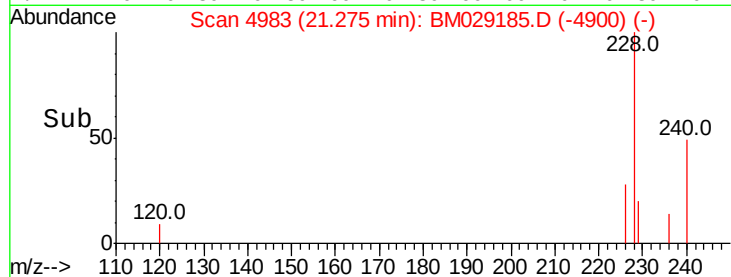
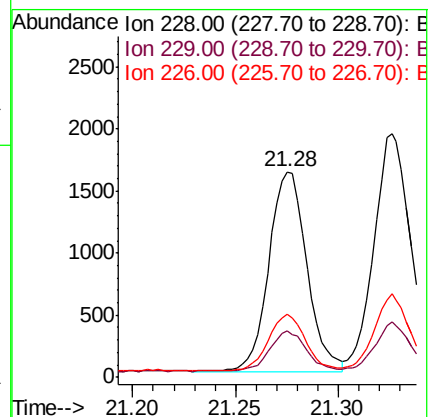
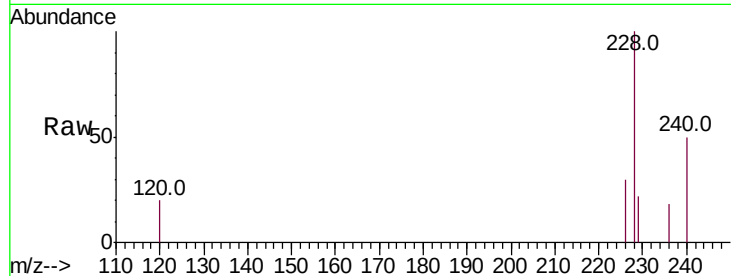
Tot Ion:228 Resp: 2062

Ion Ratio Lower Upper

228 100

229 22.3 16.2 24.2

226 30.5 22.2 33.2



#22

Chrysene

Concen: 0.100 ng/ul

RT: 21.33 min Scan# 5004

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

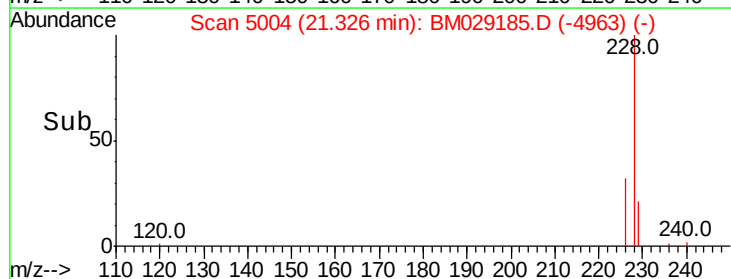
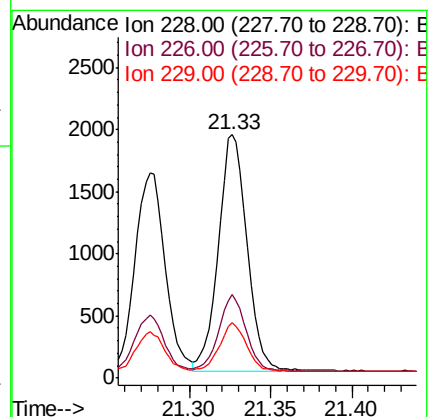
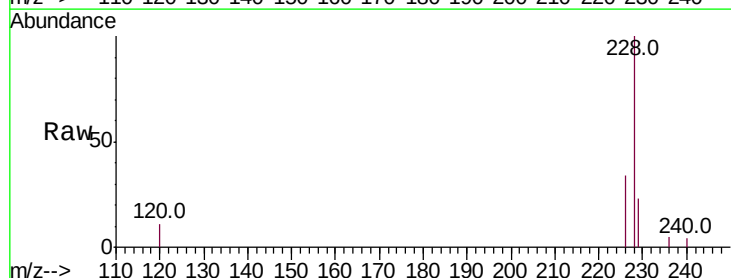
Tgt Ion:228 Resp: 2373

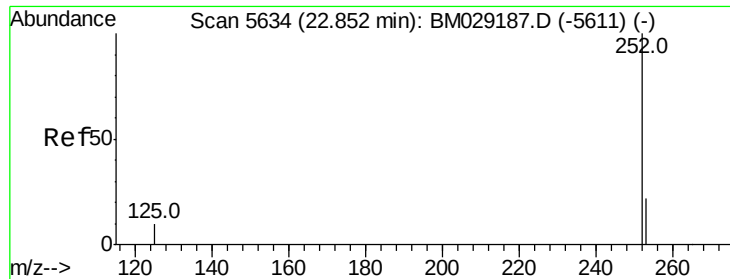
Ion Ratio Lower Upper

228 100

226 34.3 25.0 37.4

229 22.7 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.096 ng/ul

RT: 22.85 min Scan# 5634

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

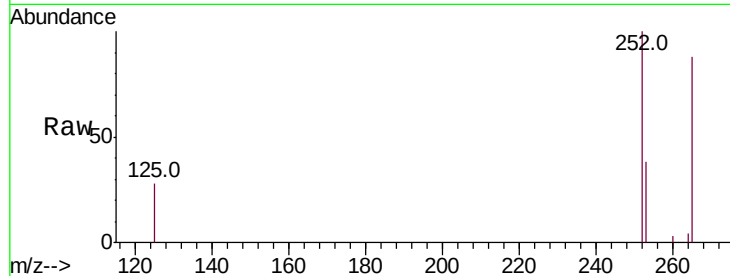
Tot Ion:252 Resp: 2520

Ion Ratio Lower Upper

252 100

253 37.7 0.0 52.4

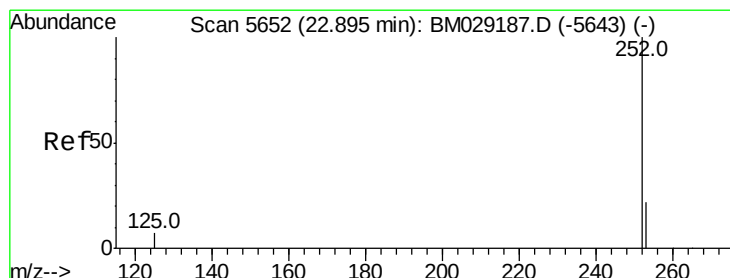
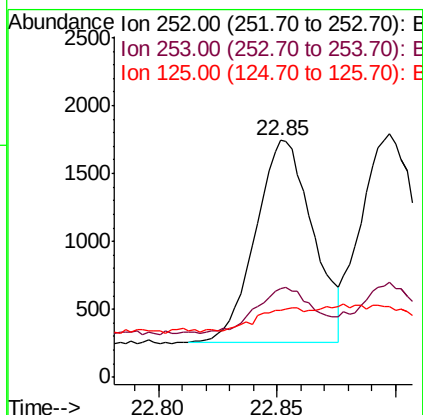
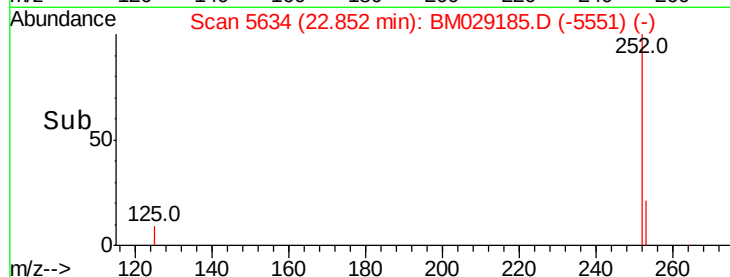
125 28.3 0.0 31.0



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: 0.101 ng/ul

RT: 22.90 min Scan# 5653

Delta R.T. 0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

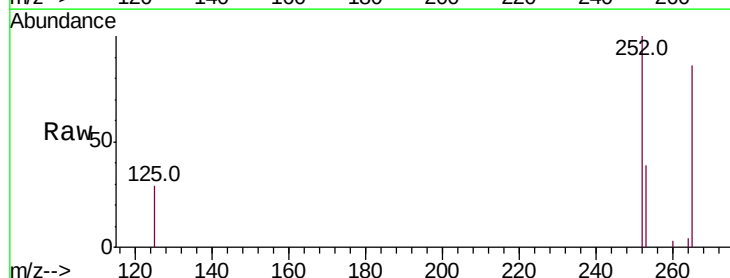
Tgt Ion:252 Resp: 2606

Ion Ratio Lower Upper

252 100

253 39.2 21.1 31.7#

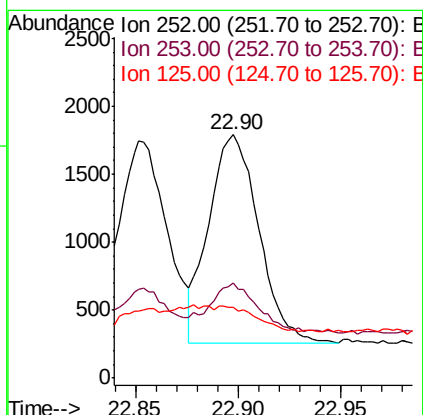
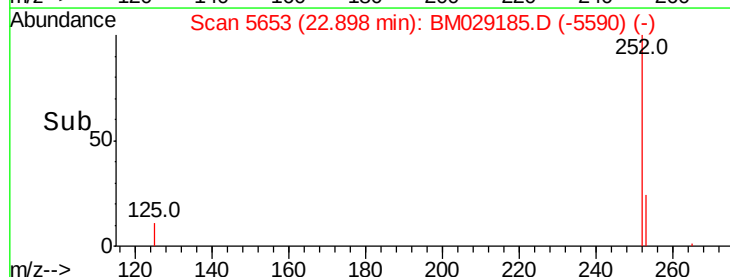
125 29.2 12.6 19.0#

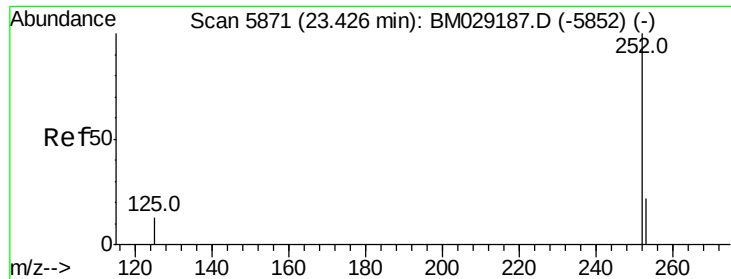


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 23.43 min Scan# 5871

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

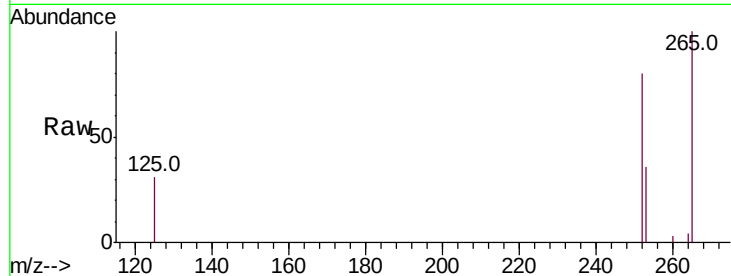
Tot Ion:252 Resp: 2049

Ion Ratio Lower Upper

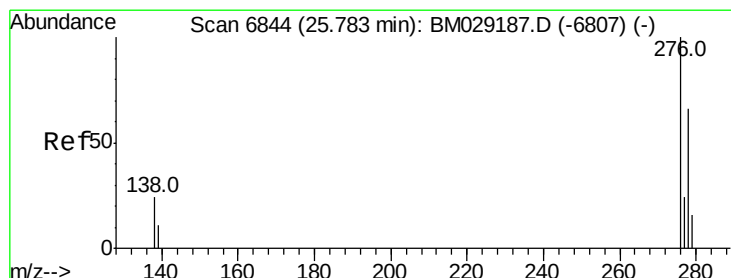
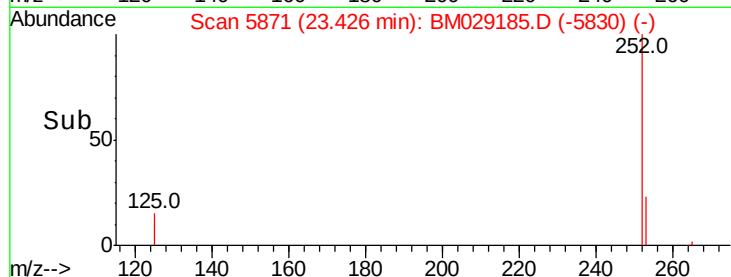
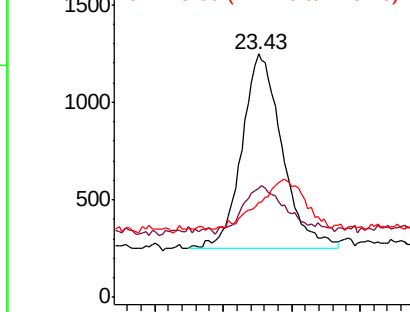
252 100

253 45.1 22.6 33.8#

125 39.0 16.4 24.6#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.105 ng/ul

RT: 25.79 min Scan# 6845

Delta R.T. 0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

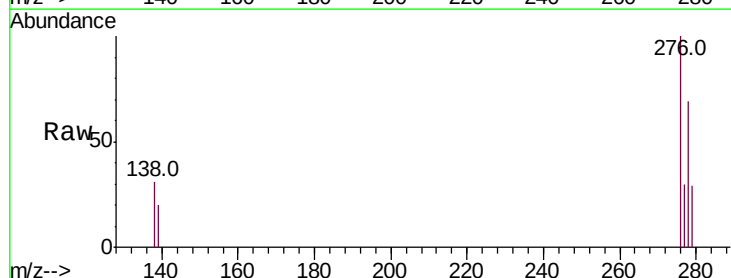
Tgt Ion:276 Resp: 3136

Ion Ratio Lower Upper

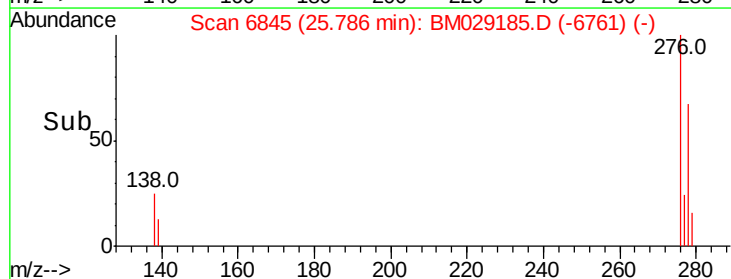
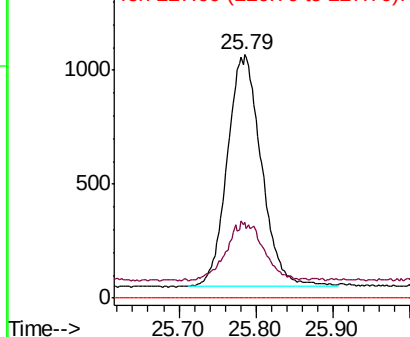
276 100

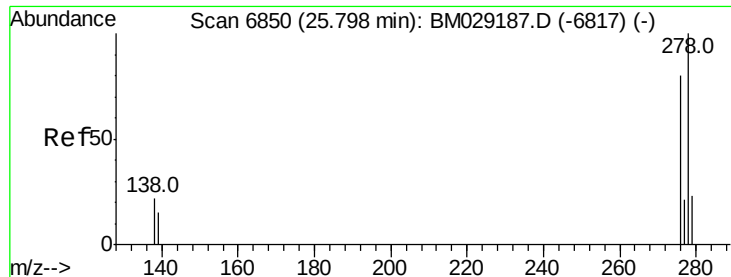
138 27.6 20.6 30.8

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: 0.104 ng/ul

RT: 25.80 min Scan# 6852

Delta R.T. 0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

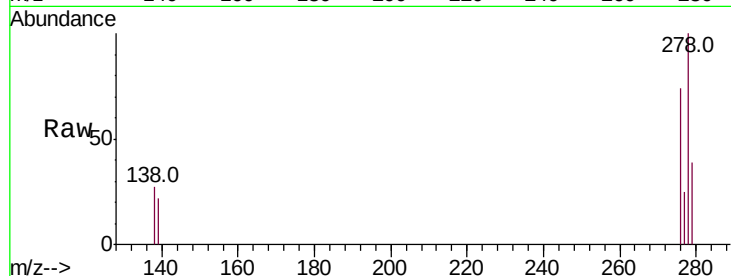
Tot Ion:278 Resp: 2600

Ion Ratio Lower Upper

278 100

139 22.3 13.6 20.4#

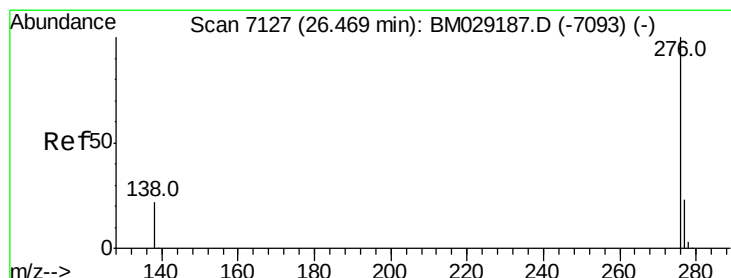
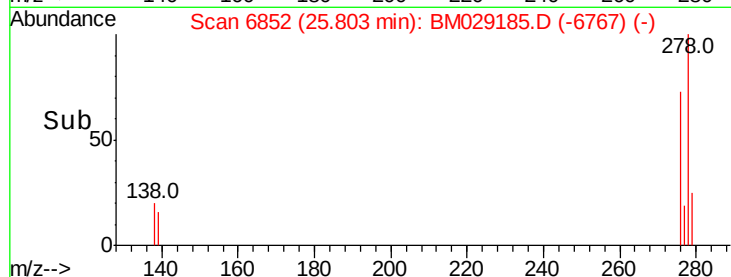
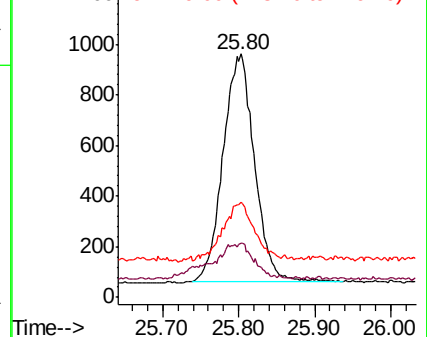
279 38.9 21.2 31.8#



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: 0.102 ng/ul

RT: 26.47 min Scan# 7127

Delta R.T. -0.00 min

Lab File: BM029185.D

Acq: 22 Mar 2021 19:40

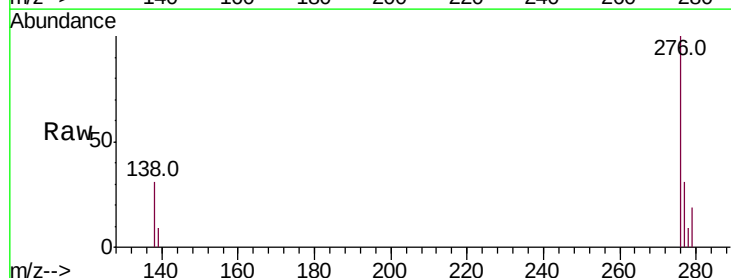
Tgt Ion:276 Resp: 2555

Ion Ratio Lower Upper

276 100

138 30.6 19.3 28.9#

277 31.3 19.8 29.8#



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

