

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
 Data File : BM027704.D
 Acq On : 05 Nov 2020 03:46
 Operator : JU/CG
 Sample : SSTD1.601
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6015

Quant Time: Nov 05 04:18:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 03:44:30 2020
 Response via : Initial Calibration

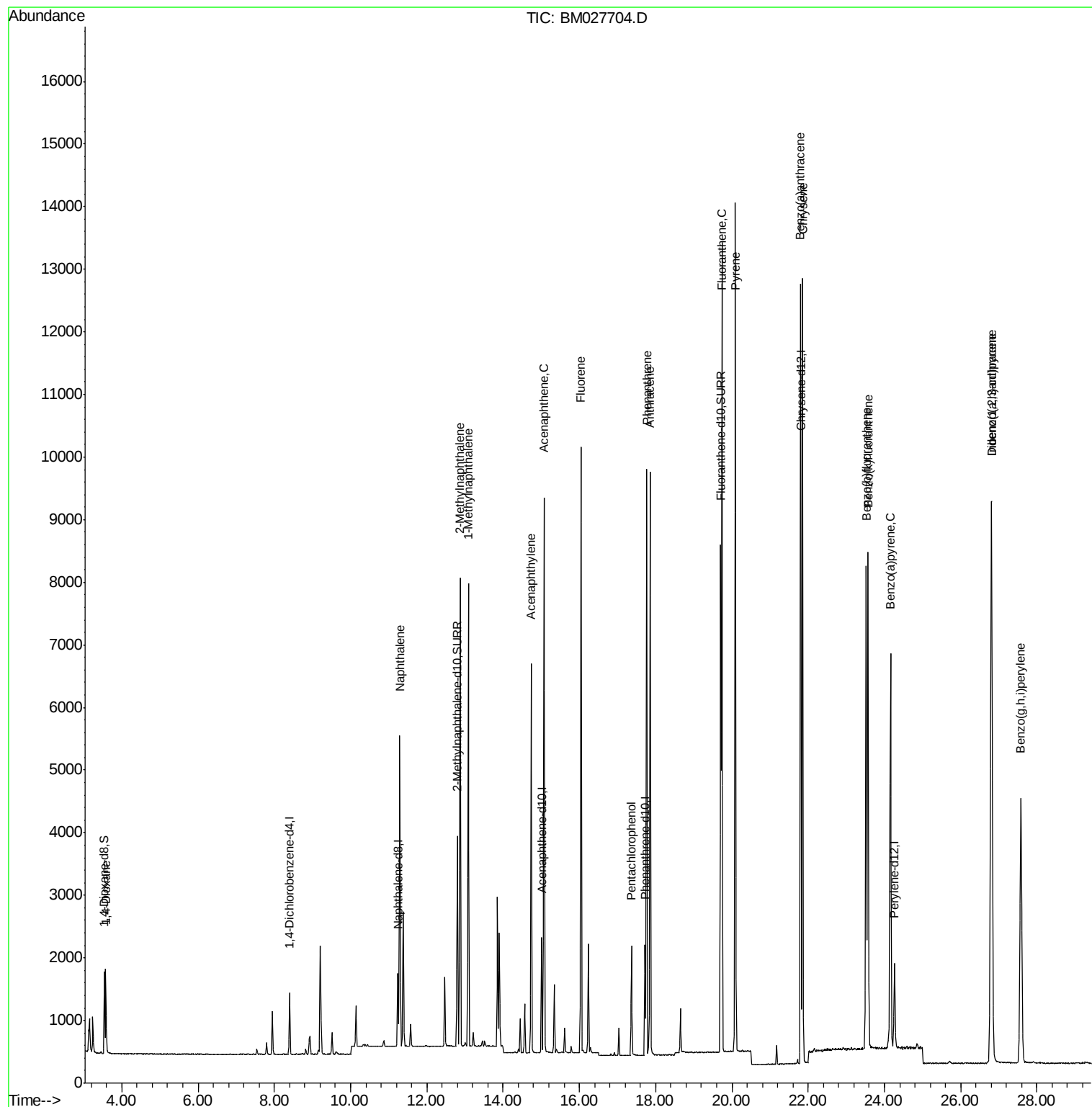
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	455	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	1542	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	972	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	2228	0.40	ng/ul	0.00
19) Chrysene-d12	21.82	240	2050	0.40	ng/ul	0.00
23) Perylene-d12	24.26	264	1888	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	706	0.76	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.80	152	3944	1.59	ng/ul	0.00
17) Fluoranthene-d10	19.71	212	8807	1.50	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.58	88	762	1.204	ng/ul#	91
5) Naphthalene	11.29	128	6685	1.559	ng/ul	93
7) 2-Methylnaphthalene	12.87	142	4674	1.617	ng/ul	99
8) 1-Methylnaphthalene	13.09	142	4411	1.605	ng/ul	98
10) Acenaphthylene	14.74	152	6713	1.503	ng/ul	96
11) Acenaphthene	15.07	153	5057	1.520	ng/ul	98
12) Fluorene	16.04	166	6052	1.564	ng/ul	97
14) Pentachlorophenol	17.36	266	1107	1.541	ng/ul	96
15) Phenanthrene	17.76	178	9559	1.445	ng/ul	94
16) Anthracene	17.85	178	9635	1.512	ng/ul	97
18) Fluoranthene	19.74	202	11425	1.500	ng/ul#	96
20) Pyrene	20.09	202	11427	1.366	ng/ul	96
21) Benzo(a)anthracene	21.80	228	10709	1.414	ng/ul	98
22) Chrysene	21.86	228	11037	1.404	ng/ul	98
24) Benzo(b)fluoranthene	23.52	252	10649	1.368	ng/ul	93
25) Benzo(k)fluoranthene	23.57	252	10881	1.401	ng/ul#	92
26) Benzo(a)pyrene	24.16	252	9962	1.446	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.80	276	12096	1.514	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.81	278	10134	1.523	ng/ul#	90
29) Benzo(g,h,i)perylene	27.58	276	10212	1.492	ng/ul#	89

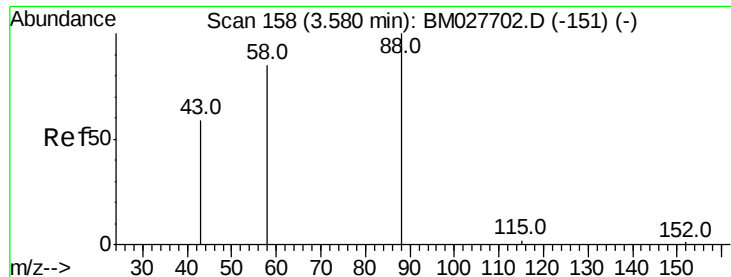
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
Data File : BM027704.D
Acq On : 05 Nov 2020 03:46
Operator : JU/CG
Sample : SSTD1.601
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6015

Quant Time: Nov 05 04:18:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 03:44:30 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.204 ng/ul

RT: 3.58 min Scan# 158

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6015

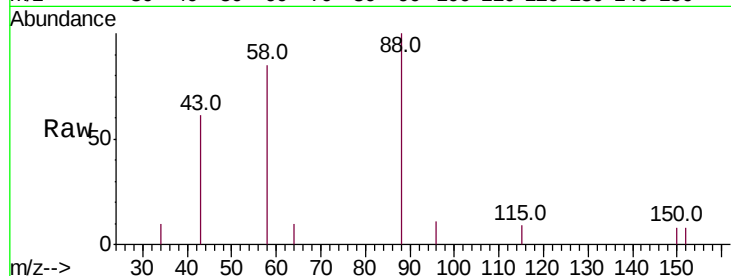
Tot Ion: 88 Resp: 762

Ion Ratio Lower Upper

88 100

43 61.5 61.8 92.6#

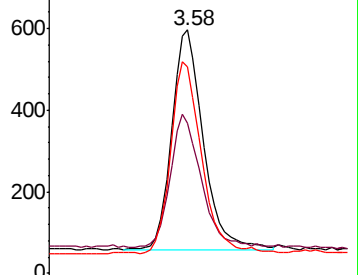
58 84.9 67.8 101.8



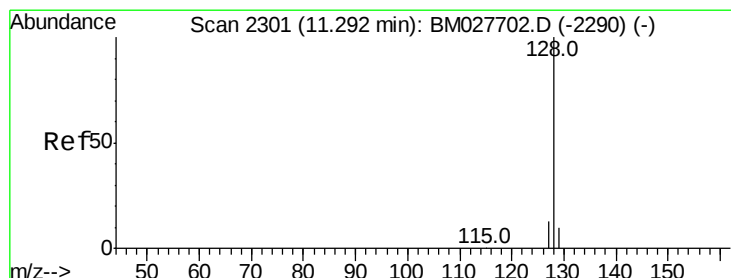
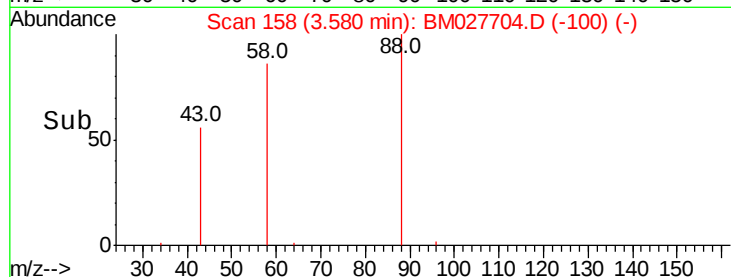
Abundance Ion 88.00 (87.70 to 88.70): BM027704.D (-100) (-)

Ion 43.00 (42.70 to 43.70): BM027704.D (-100) (-)

Ion 58.00 (57.70 to 58.70): BM027704.D (-100) (-)



Time-->



#5

Naphthalene

Concen: 1.559 ng/ul

RT: 11.29 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

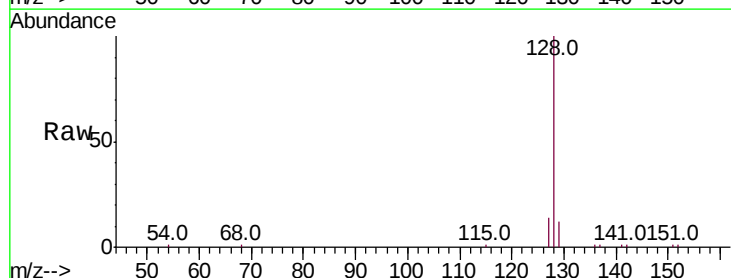
Tgt Ion: 128 Resp: 6685

Ion Ratio Lower Upper

128 100

129 12.0 11.7 17.5

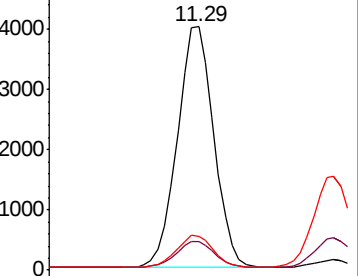
127 14.0 14.0 21.0



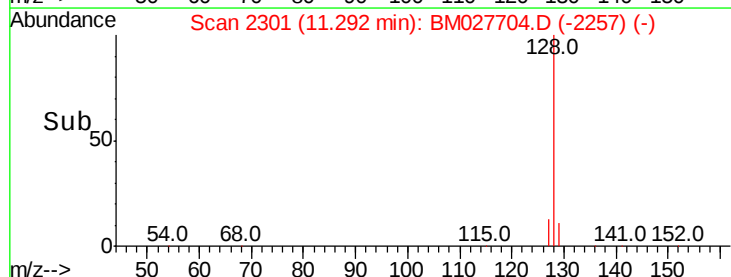
Abundance Ion 128.00 (127.70 to 128.70): BM027704.D (-2257) (-)

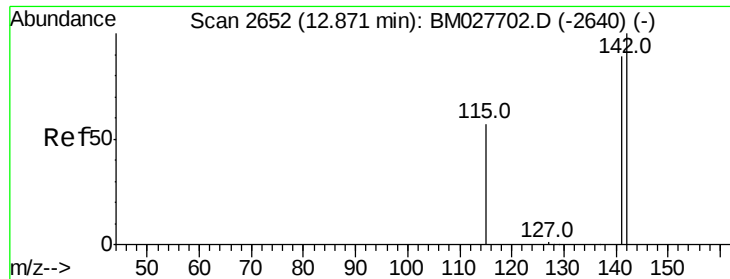
Ion 129.00 (128.70 to 129.70): BM027704.D (-2257) (-)

Ion 127.00 (126.70 to 127.70): BM027704.D (-2257) (-)



Time-->





#7

2-Methylnaphthalene

Concen: 1.617 ng/ul

RT: 12.87 min Scan# 2652

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

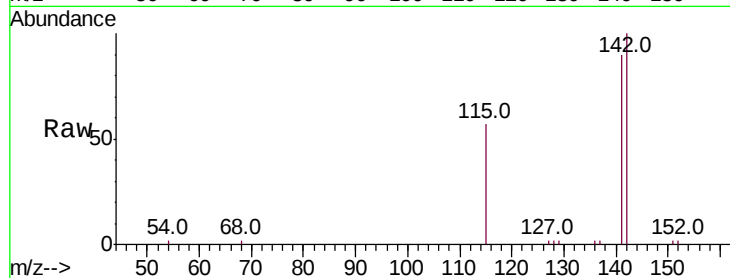
SSTD1.6015

Tot Ion:142 Resp: 4674

Ion Ratio Lower Upper

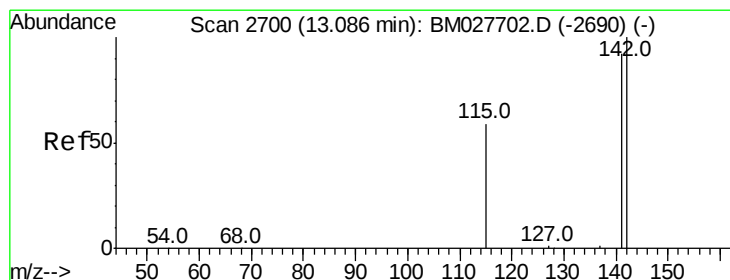
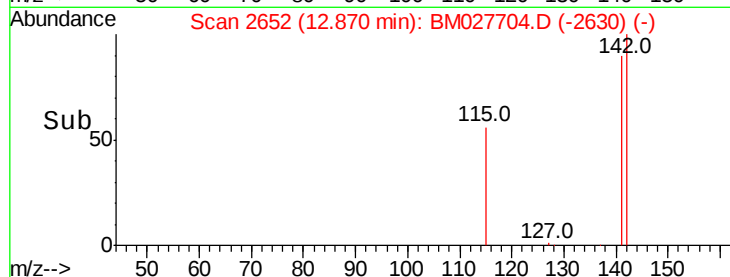
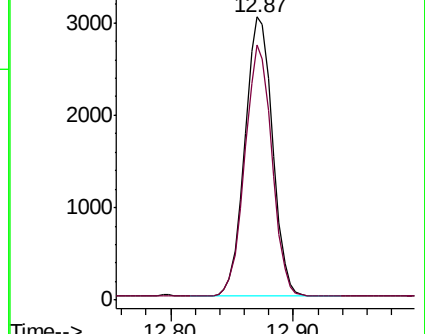
142 100

141 88.1 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 1.605 ng/ul

RT: 13.09 min Scan# 2700

Delta R.T. -0.00 min

Lab File: BM027704.D

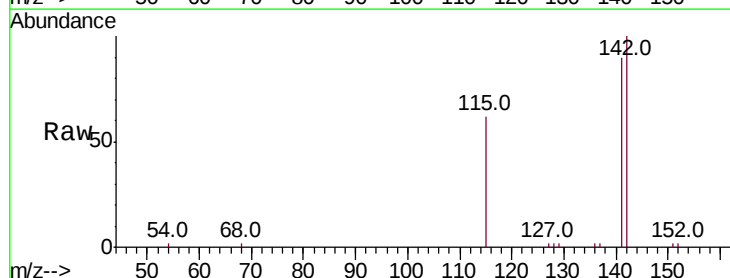
Acq: 05 Nov 2020 03:46

Tgt Ion:142 Resp: 4411

Ion Ratio Lower Upper

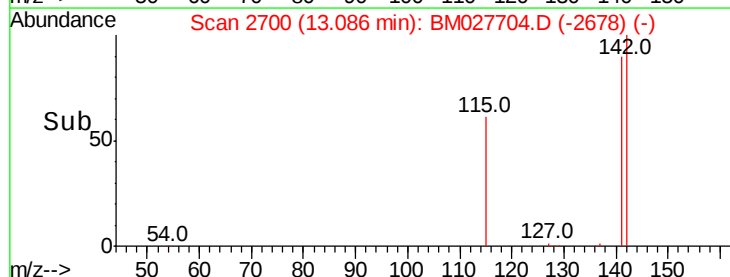
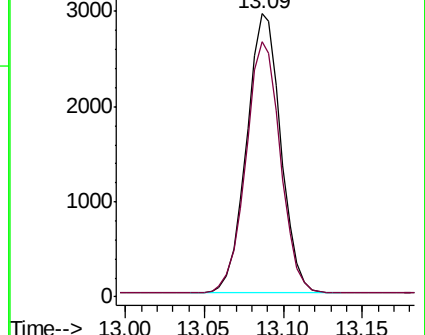
142 100

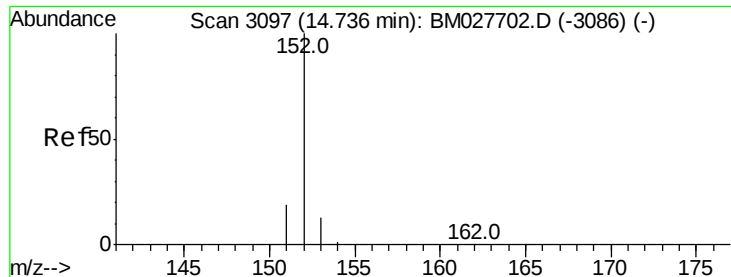
141 90.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 1.503 ng/ul

RT: 14.74 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6015

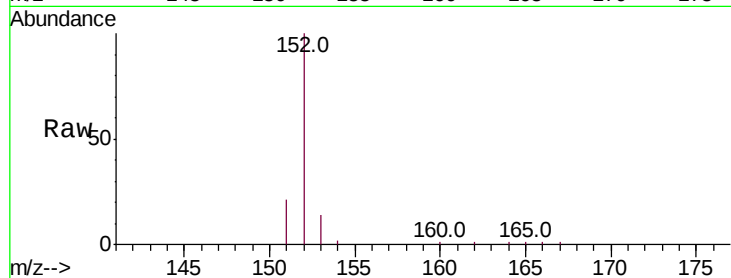
Tot Ion:152 Resp: 6713

Ion Ratio Lower Upper

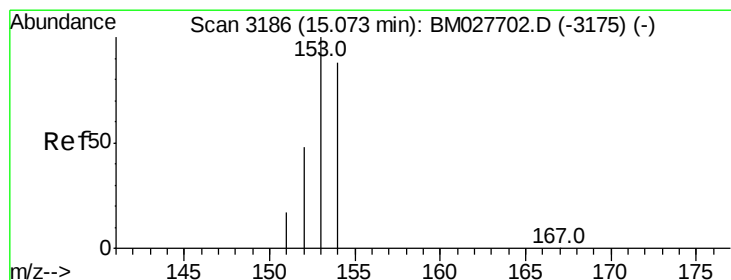
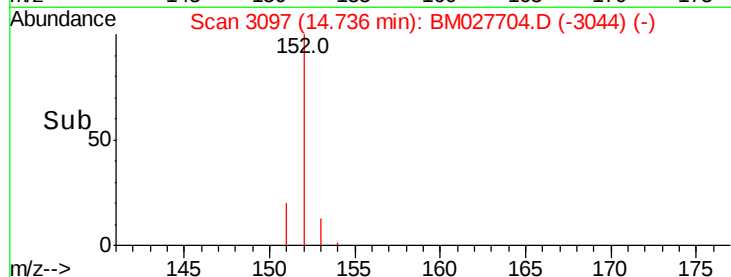
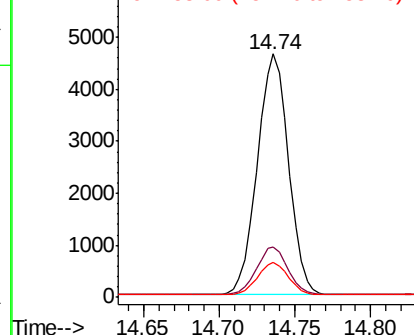
152 100

151 20.9 17.8 26.8

153 14.1 13.5 20.3



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: 1.520 ng/ul

RT: 15.07 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

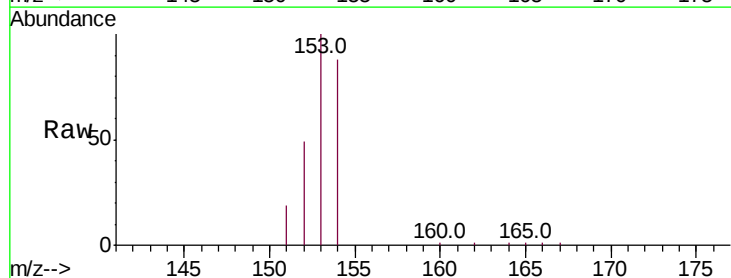
Tgt Ion:153 Resp: 5057

Ion Ratio Lower Upper

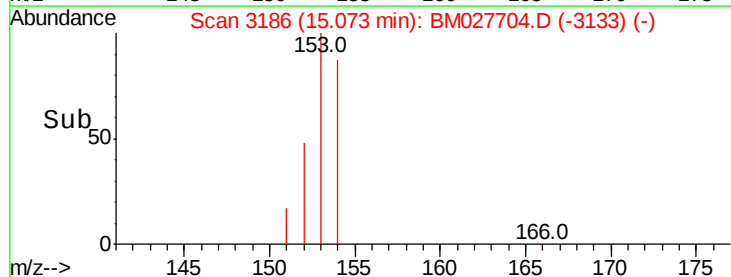
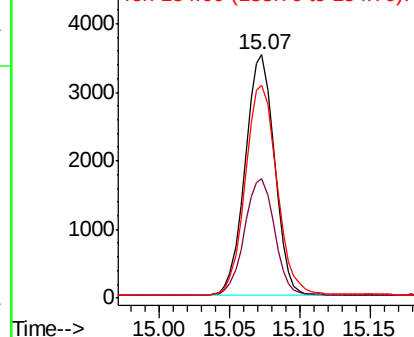
153 100

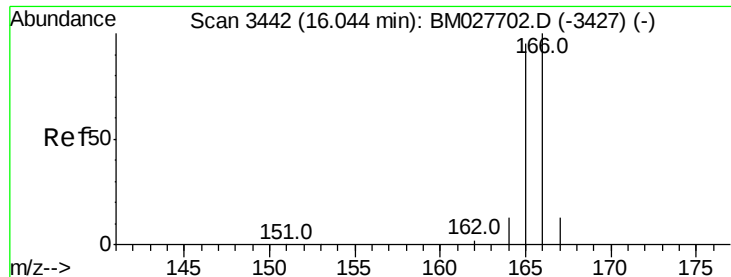
152 49.2 40.6 60.8

154 87.5 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: 1.564 ng/ul

RT: 16.04 min Scan# 3442

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6015

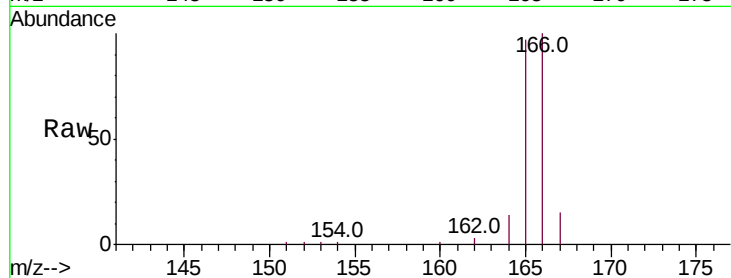
Tot Ion:166 Resp: 6052

Ion Ratio Lower Upper

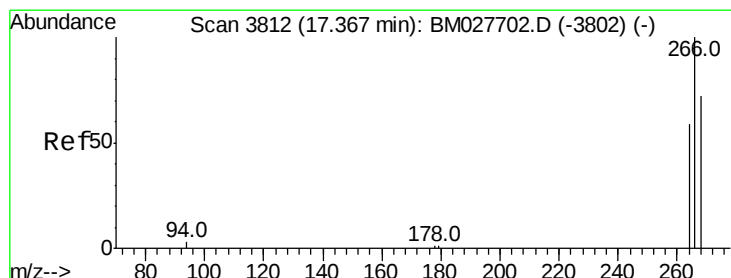
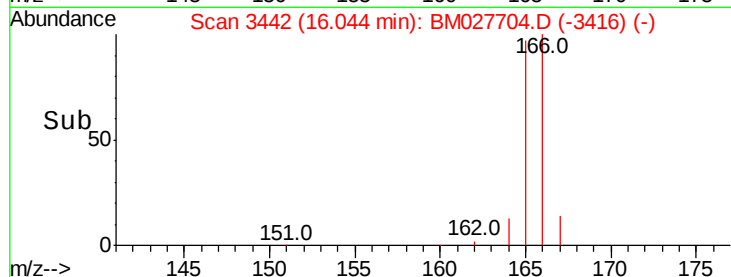
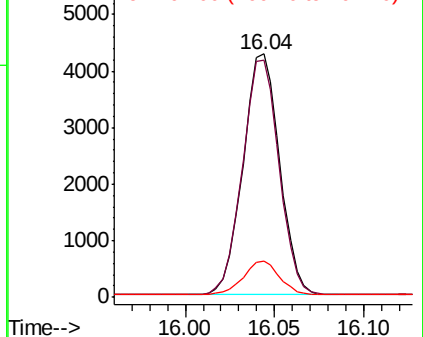
166 100

165 97.4 76.2 114.4

167 14.9 13.7 20.5



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: 1.541 ng/ul

RT: 17.36 min Scan# 3811

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

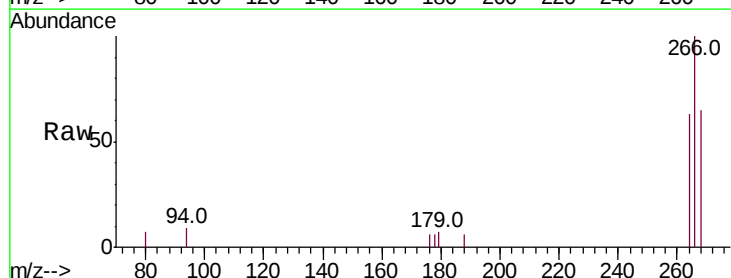
Tgt Ion:266 Resp: 1107

Ion Ratio Lower Upper

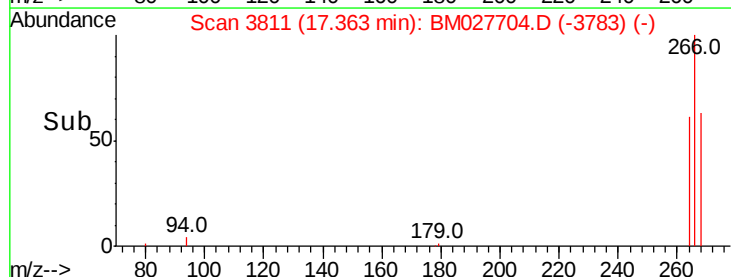
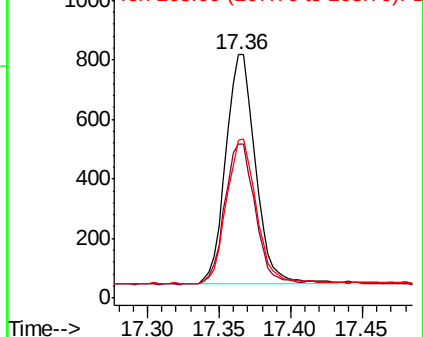
266 100

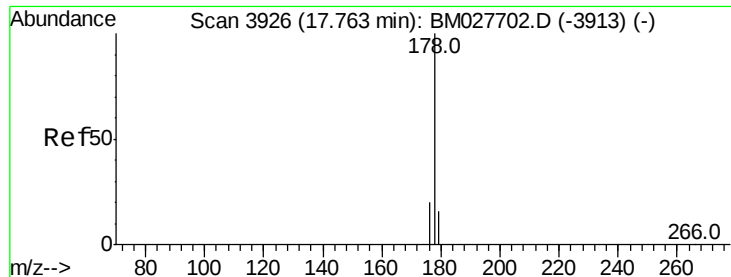
264 63.4 48.2 72.4

268 63.2 53.4 80.0



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: 1.445 ng/ul

RT: 17.76 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6015

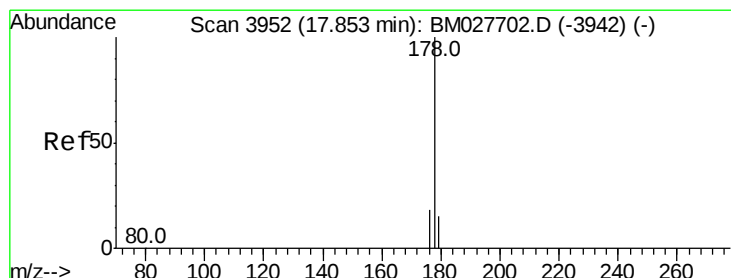
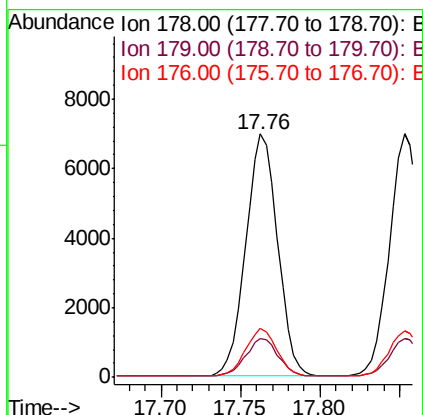
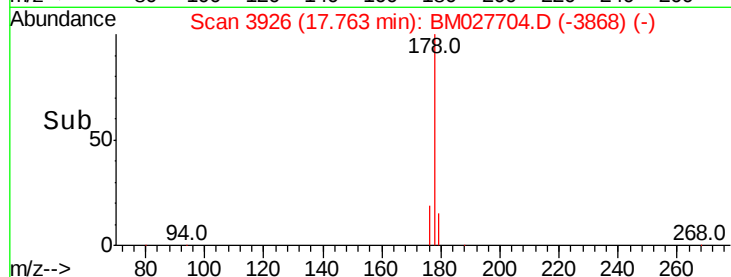
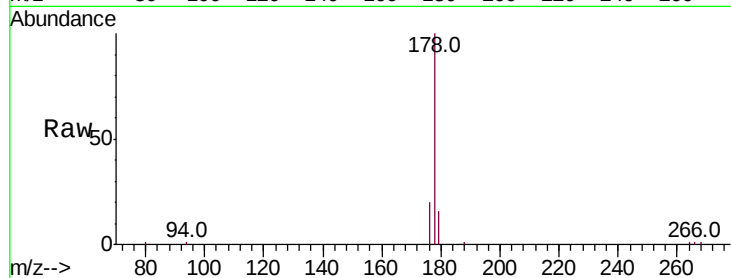
Tot Ion:178 Resp: 9559

Ion Ratio Lower Upper

178 100

179 16.0 14.6 22.0

176 19.9 18.2 27.2



#16

Anthracene

Concen: 1.512 ng/ul

RT: 17.85 min Scan# 3952

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

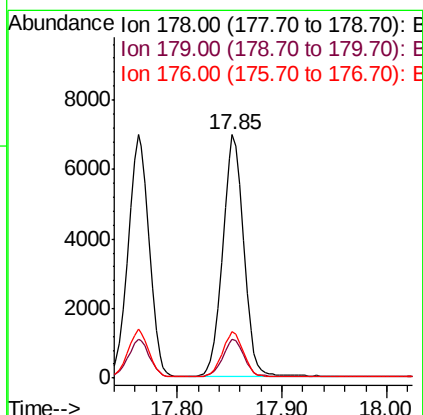
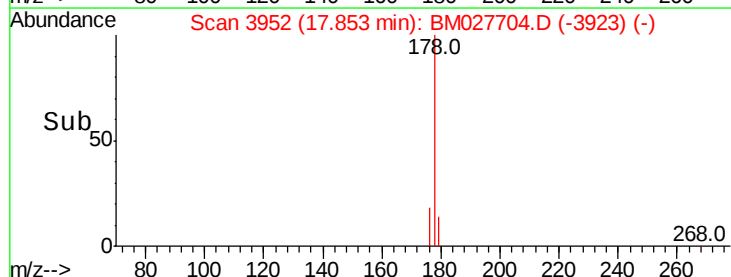
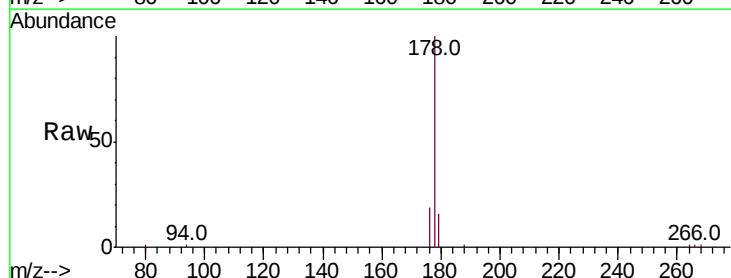
Tgt Ion:178 Resp: 9635

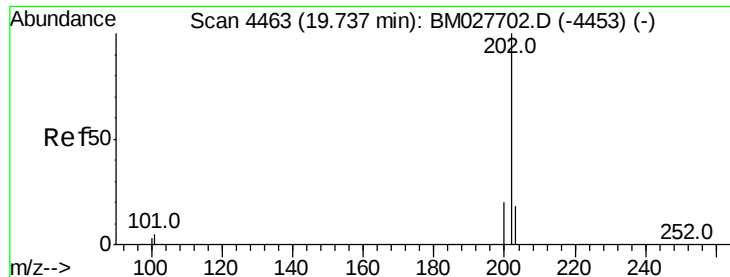
Ion Ratio Lower Upper

178 100

179 15.8 14.1 21.1

176 19.3 16.3 24.5

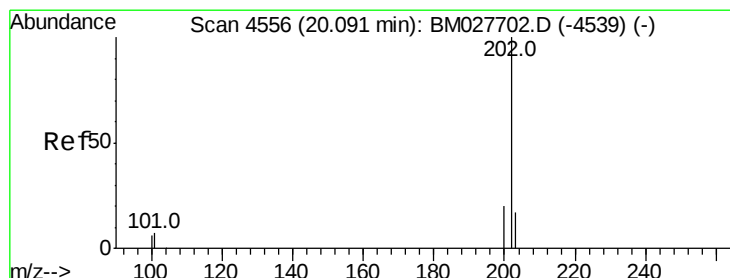
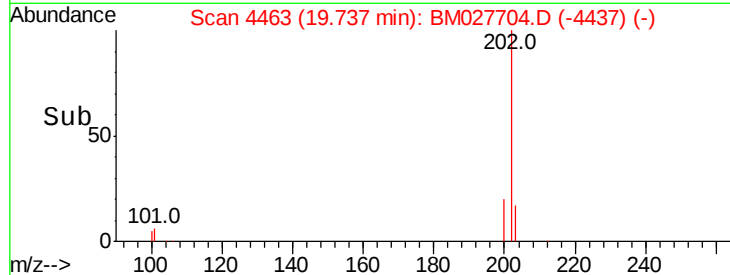
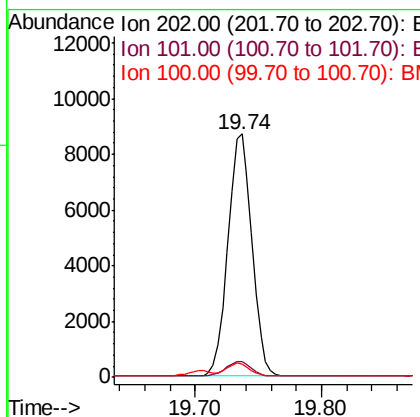
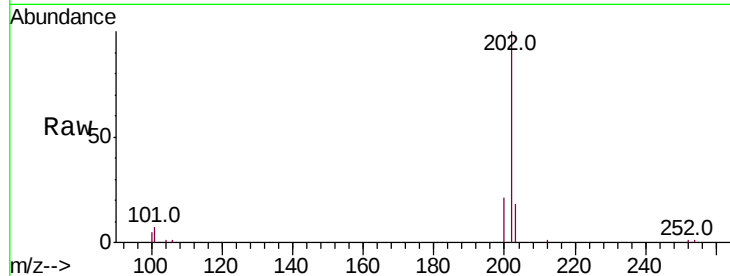




#18
 Fluoranthene
 Concen: 1.500 ng/ul
 RT: 19.74 min Scan# 4463
 Delta R.T. -0.00 min
 Lab File: BM027704.D
 Acq: 05 Nov 2020 03:46

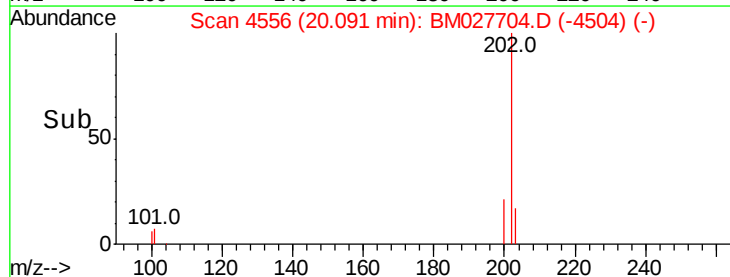
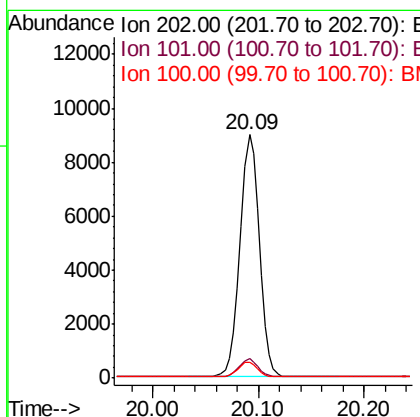
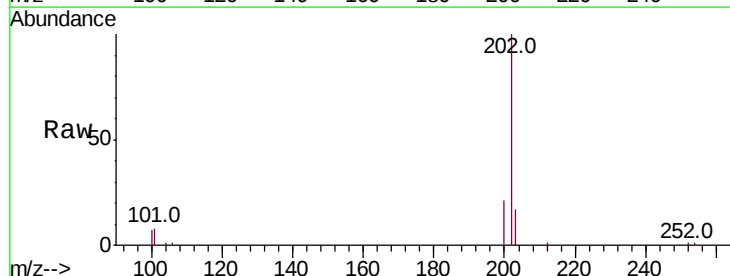
Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6015

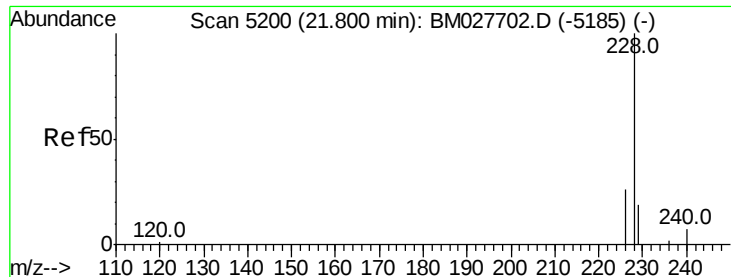
Tot Ion:202 Resp: 11425
 Ion Ratio Lower Upper
 202 100
 101 6.5 6.1 9.1
 100 5.2 5.8 8.6#



#20
 Pyrene
 Concen: 1.366 ng/ul
 RT: 20.09 min Scan# 4556
 Delta R.T. -0.00 min
 Lab File: BM027704.D
 Acq: 05 Nov 2020 03:46

Tgt Ion:202 Resp: 11427
 Ion Ratio Lower Upper
 202 100
 101 7.8 7.4 11.0
 100 6.7 6.6 9.8





#21

Benzo(a)anthracene

Concen: 1.414 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6015

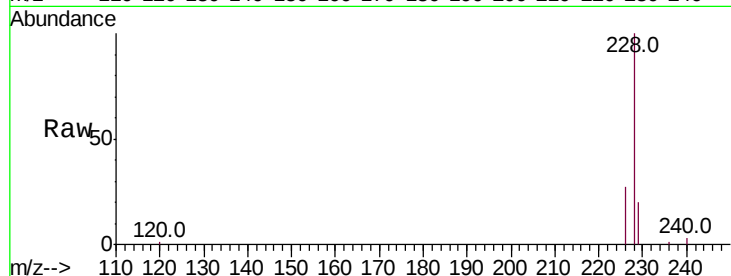
Tot Ion:228 Resp: 10709

Ion Ratio Lower Upper

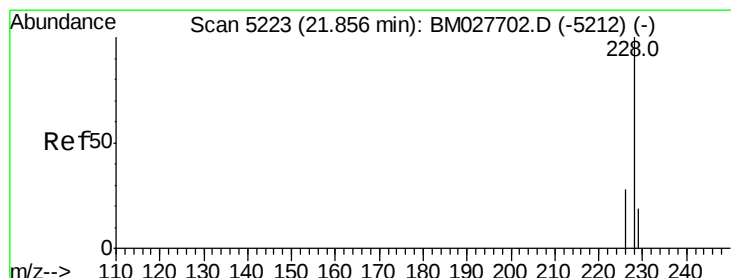
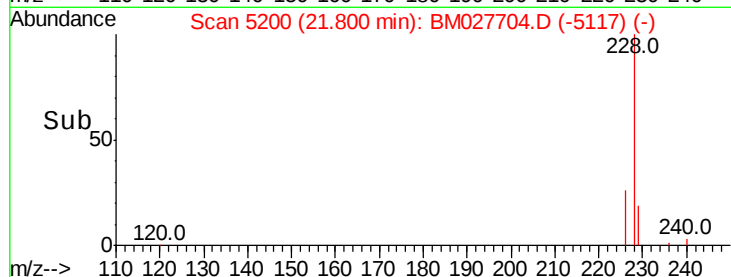
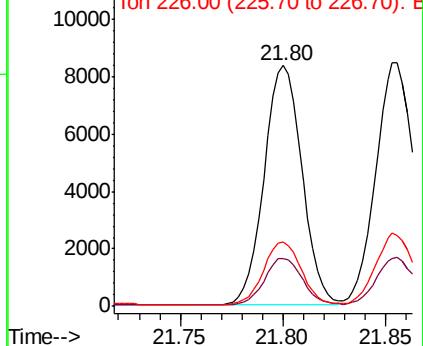
228 100

229 19.9 17.0 25.4

226 26.7 22.0 33.0



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: 1.404 ng/ul

RT: 21.86 min Scan# 5223

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

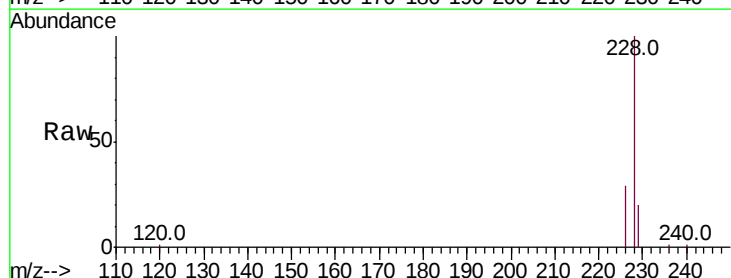
Tgt Ion:228 Resp: 11037

Ion Ratio Lower Upper

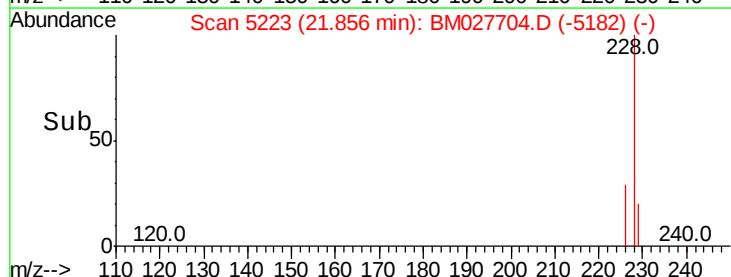
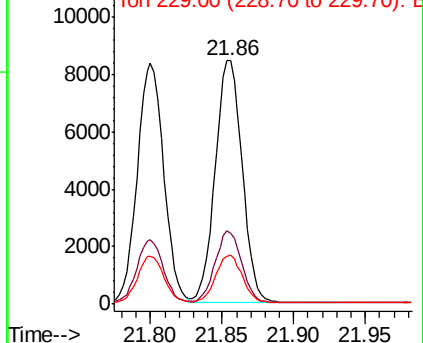
228 100

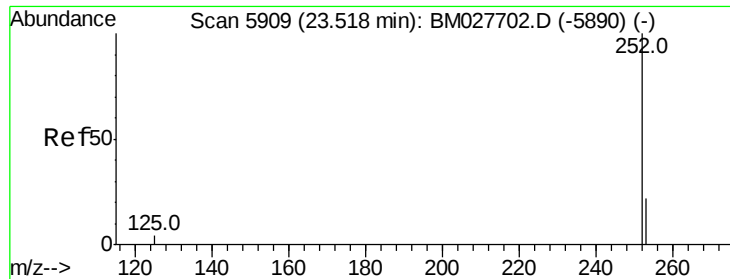
226 29.0 24.0 36.0

229 20.1 16.9 25.3



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: 1.368 ng/ul

RT: 23.52 min Scan# 5909

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6015

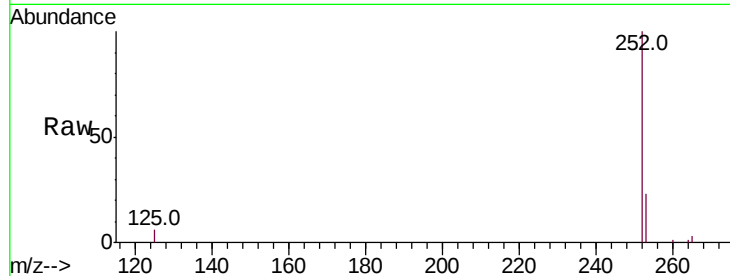
Tot Ion:252 Resp: 10649

Ion Ratio Lower Upper

252 100

253 22.8 0.0 53.0

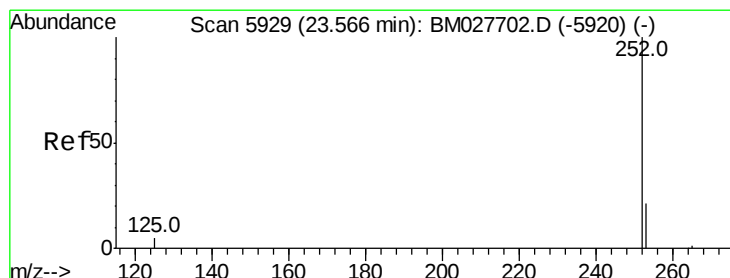
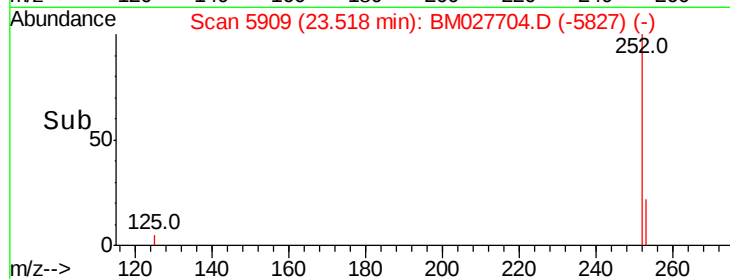
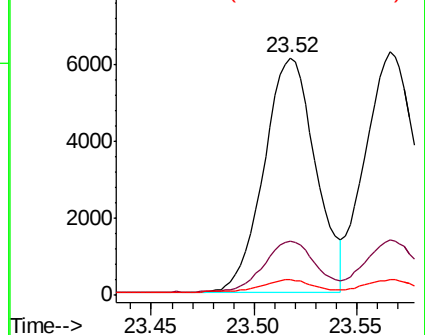
125 6.4 0.0 17.6



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



#25

Benzo(k)fluoranthene

Concen: 1.401 ng/ul

RT: 23.57 min Scan# 5929

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

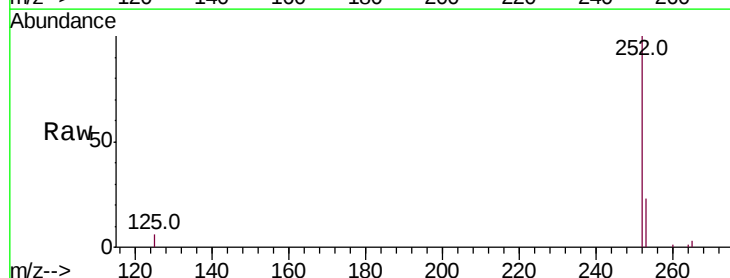
Tgt Ion:252 Resp: 10881

Ion Ratio Lower Upper

252 100

253 22.9 21.4 32.2

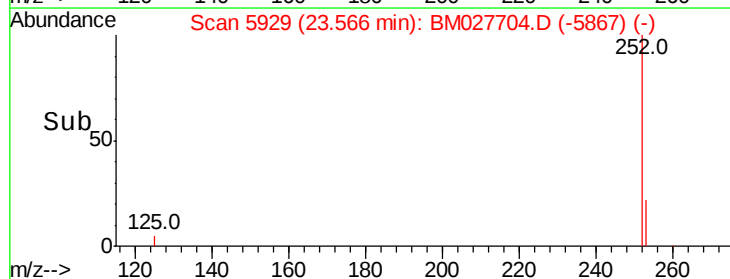
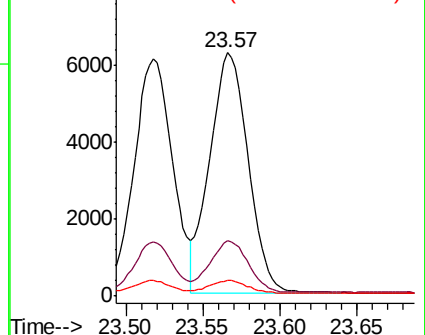
125 6.3 7.4 11.0#

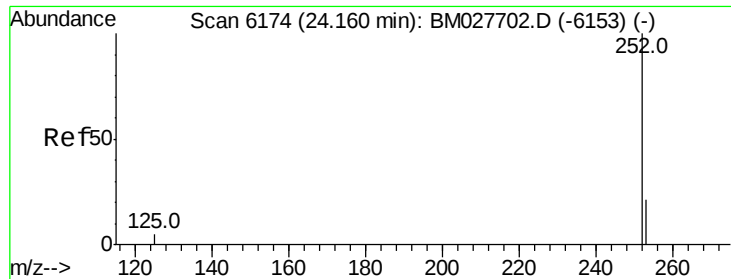


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.446 ng/ul

RT: 24.16 min Scan# 6173

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6015

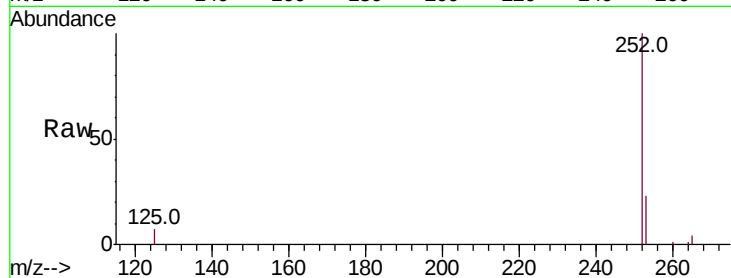
Tot Ion:252 Resp: 9962

Ion Ratio Lower Upper

252 100

253 23.3 22.3 33.5

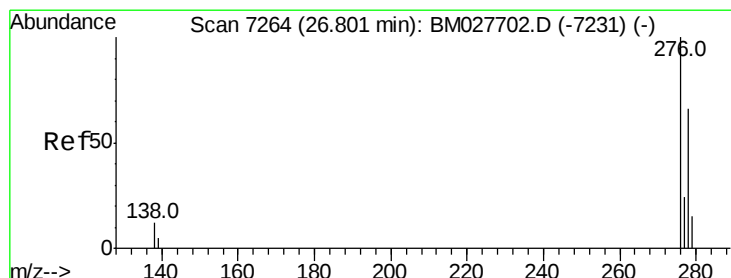
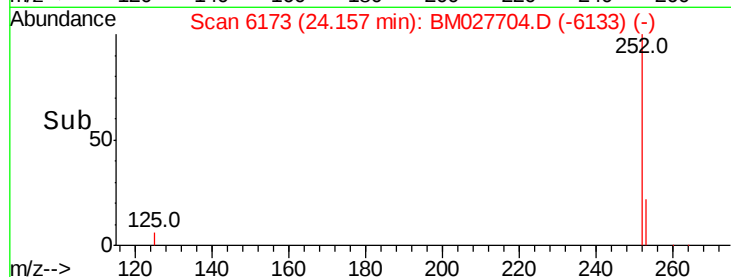
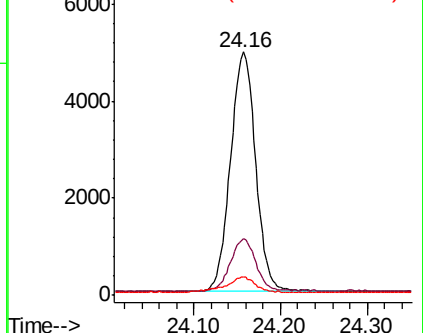
125 7.5 8.8 13.2#



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: 1.514 ng/ul

RT: 26.80 min Scan# 7263

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

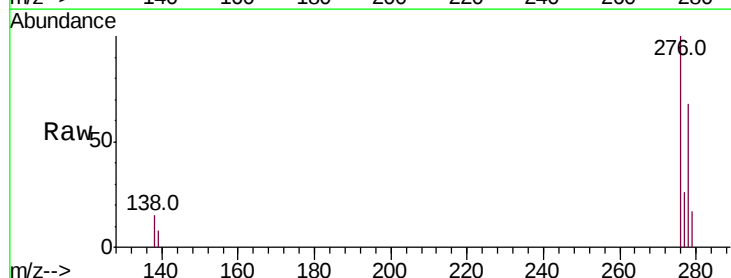
Tgt Ion:276 Resp: 12096

Ion Ratio Lower Upper

276 100

138 14.4 11.0 16.6

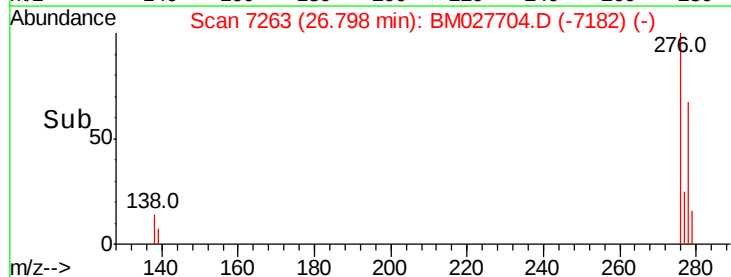
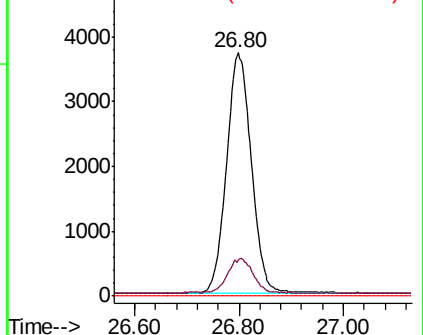
227 0.0 0.0 0.0

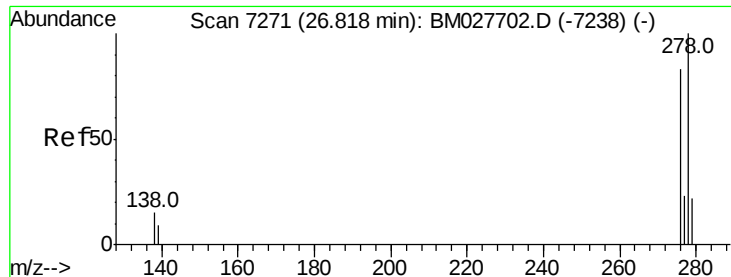


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.523 ng/ul

RT: 26.81 min Scan# 7269

Delta R.T. -0.00 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

Instrument :

BNA_M

ClientSampleId :

SSTD1.6015

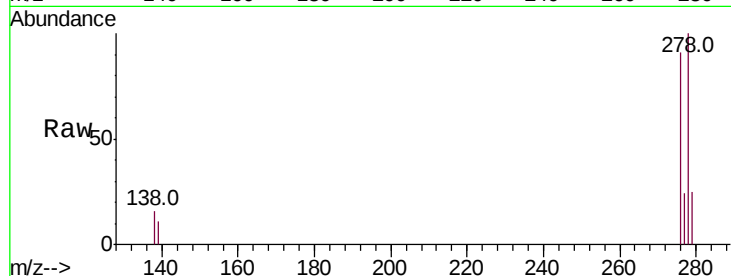
Tot Ion:278 Resp: 10134

Ion Ratio Lower Upper

278 100

139 11.1 12.6 18.8#

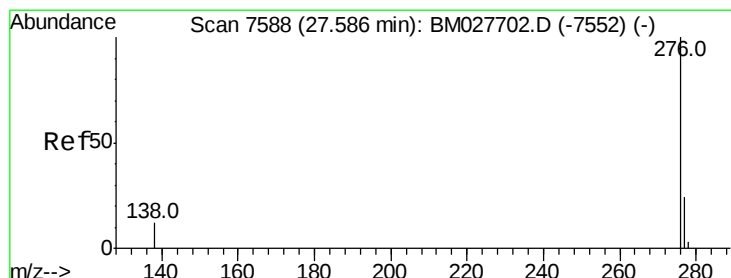
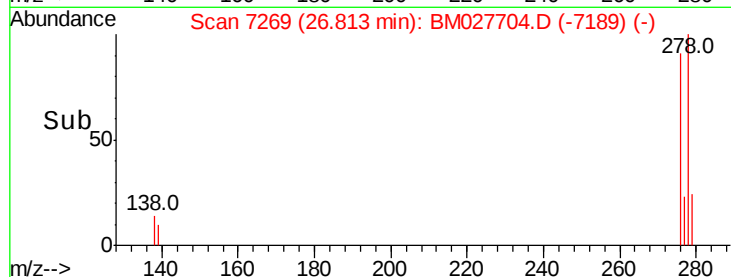
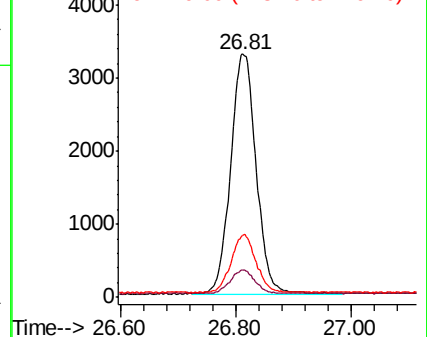
279 25.2 24.3 36.5



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: 1.492 ng/ul

RT: 27.58 min Scan# 7585

Delta R.T. -0.01 min

Lab File: BM027704.D

Acq: 05 Nov 2020 03:46

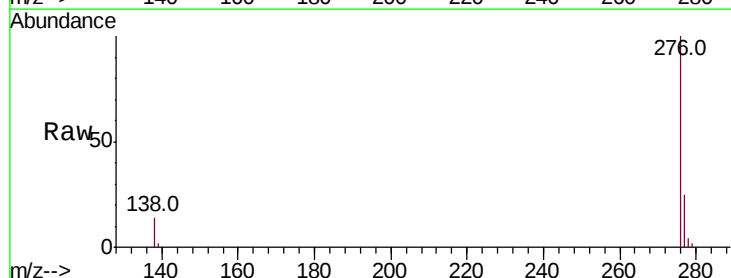
Tgt Ion:276 Resp: 10212

Ion Ratio Lower Upper

276 100

138 13.6 15.0 22.4#

277 24.6 24.2 36.2



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

