

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027987.D
 Acq On : 26 Nov 2020 05:52
 Operator : JU/CG
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.447

Quant Time: Nov 26 06:25:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 25 10:43:32 2020
 Response via : Initial Calibration

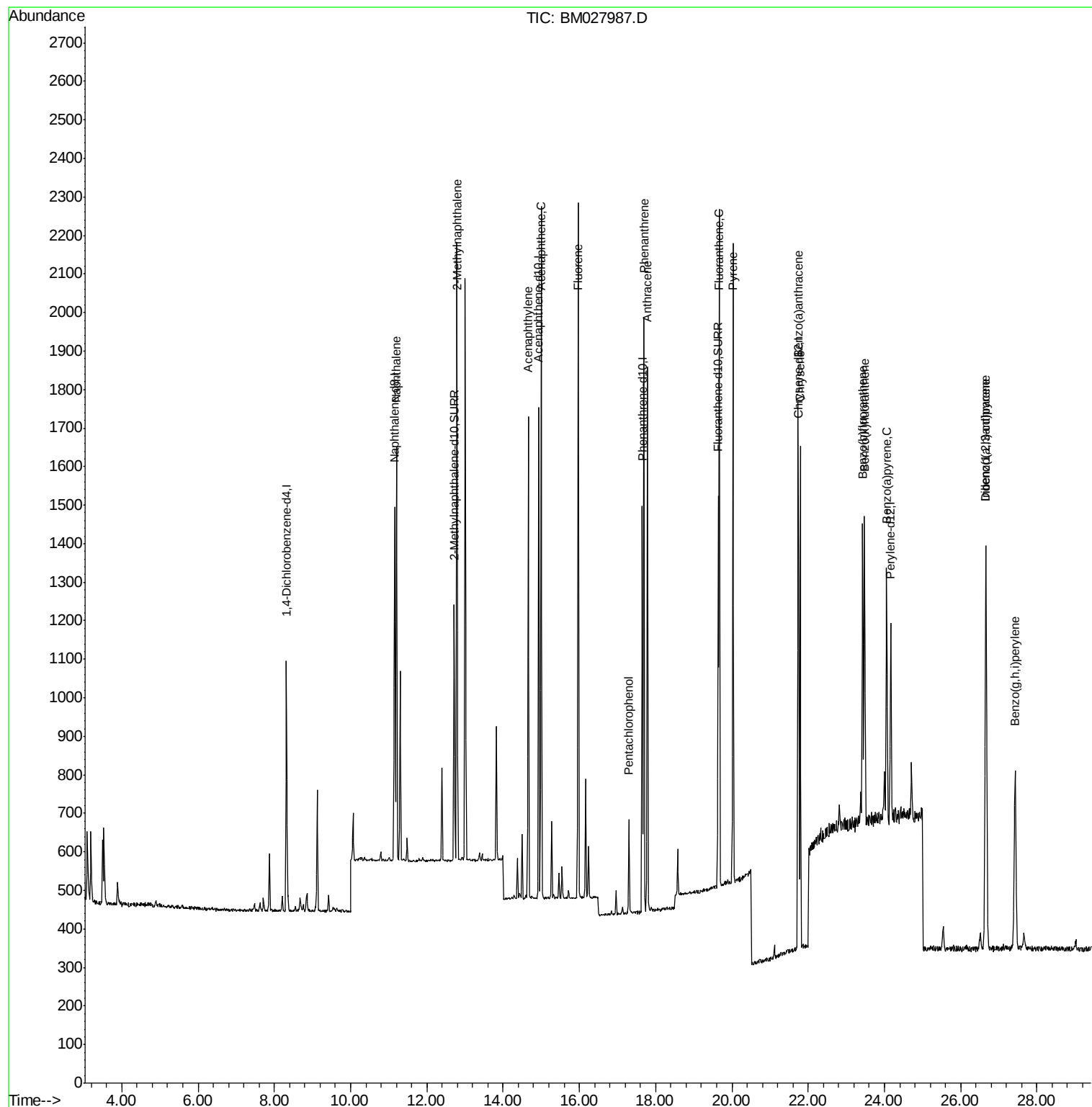
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	315	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	1195	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.93	164	701	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	1269	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	704	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	703	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	796	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	1130	0.33	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.20	128	1414	0.395	ng/ul#	93
5) 2-Methylnaphthalene	12.79	142	1001	0.411	ng/ul	98
7) Acenaphthylene	14.66	152	1382	0.404	ng/ul	93
8) Acenaphthene	15.00	153	980	0.382	ng/ul	99
9) Fluorene	15.97	166	1125	0.378	ng/ul#	99
11) Pentachlorophenol	17.30	266	155	0.359	ng/ul	97
12) Phenanthrene	17.69	178	1569	0.391	ng/ul	96
13) Anthracene	17.78	178	1518	0.393	ng/ul	94
15) Fluoranthene	19.67	202	1486	0.334	ng/ul	96
17) Pyrene	20.03	202	1436	0.402	ng/ul#	96
18) Benzo(a)anthracene	21.74	228	1128	0.397	ng/ul	93
19) Chrysene	21.79	228	1105	0.399	ng/ul	93
21) Benzo(b)fluoranthene	23.43	252	1085	0.367	ng/ul	93
22) Benzo(k)fluoranthene	23.48	252	1063	0.367	ng/ul	92
23) Benzo(a)pyrene	24.06	252	993	0.384	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.66	276	1287	0.460	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.67	278	1069	0.459	ng/ul#	89
26) Benzo(g,h,i)perylene	27.43	276	1090	0.465	ng/ul#	90

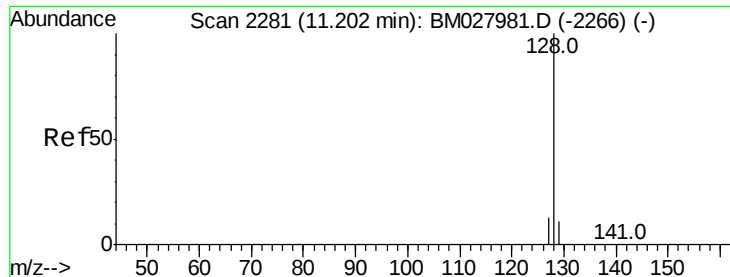
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.395 ng/ul

RT: 11.20 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

Instrument :

BNA_M

ClientSampleId :

SSTD0.447

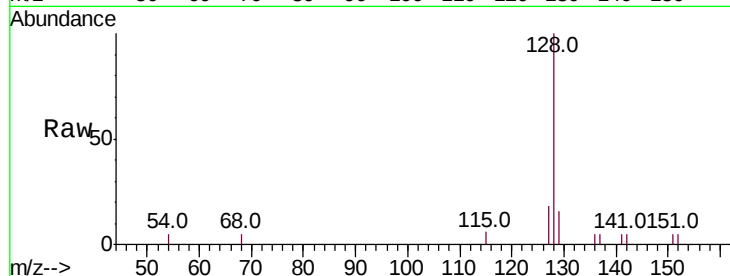
Tot Ion:128 Resp: 1414

Ion Ratio Lower Upper

128 100

129 15.8 10.4 15.6#

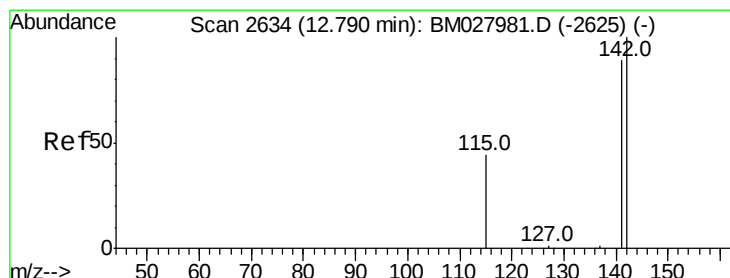
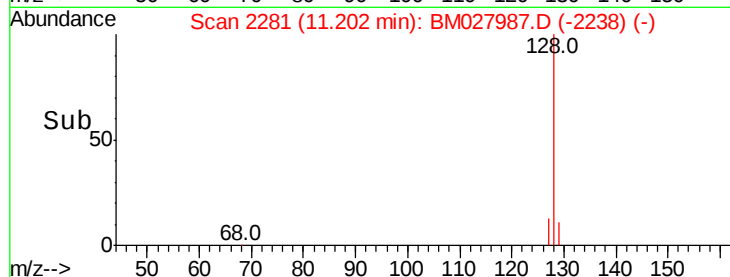
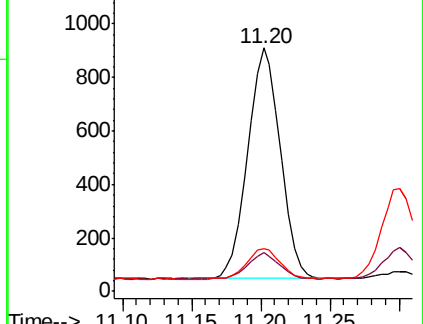
127 17.6 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.411 ng/ul

RT: 12.79 min Scan# 2634

Delta R.T. -0.00 min

Lab File: BM027987.D

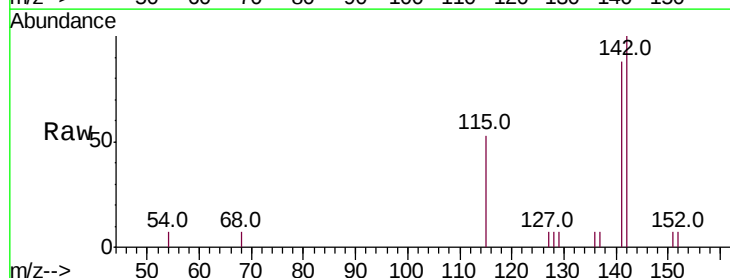
Acq: 26 Nov 2020 05:52

Tgt Ion:142 Resp: 1001

Ion Ratio Lower Upper

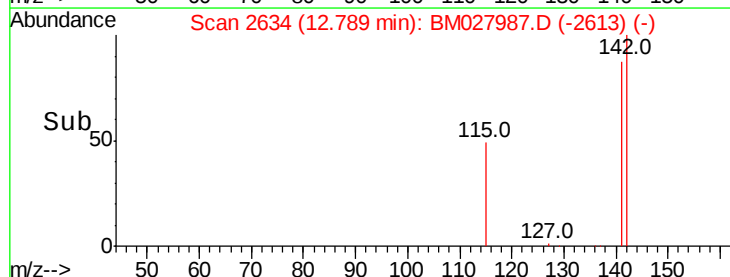
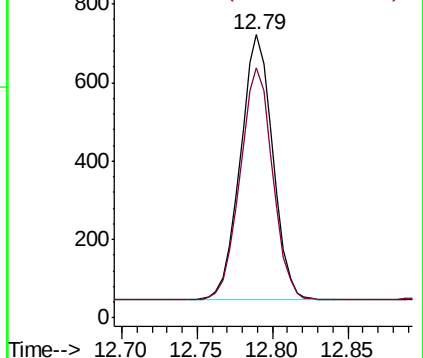
142 100

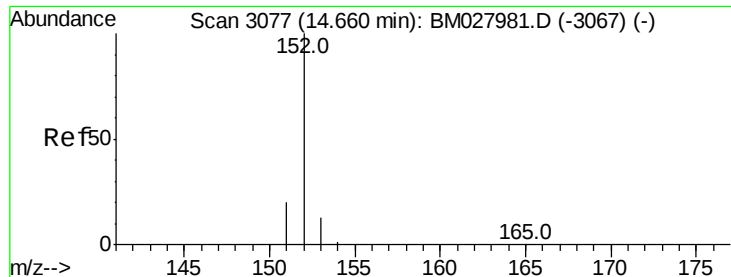
141 87.9 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.404 ng/ul

RT: 14.66 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

Instrument :

BNA_M

ClientSampleId :

SSTD0.447

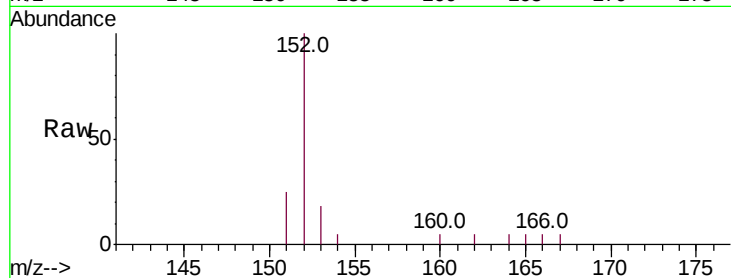
Tot Ion:152 Resp: 1382

Ion Ratio Lower Upper

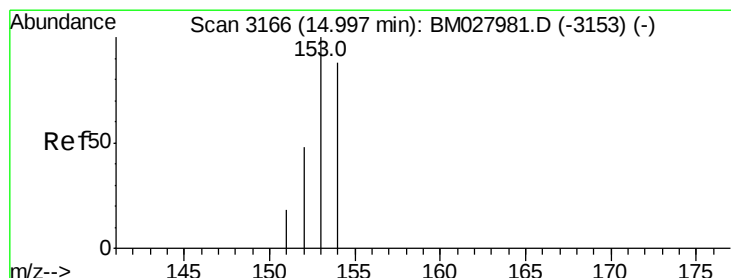
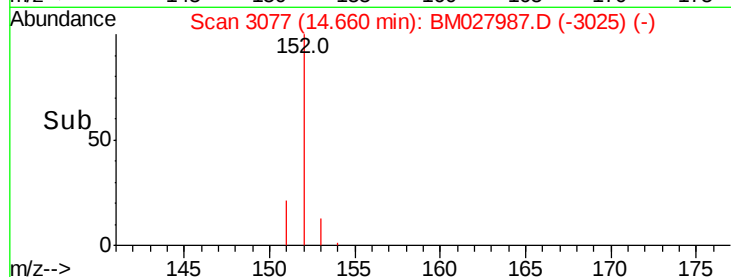
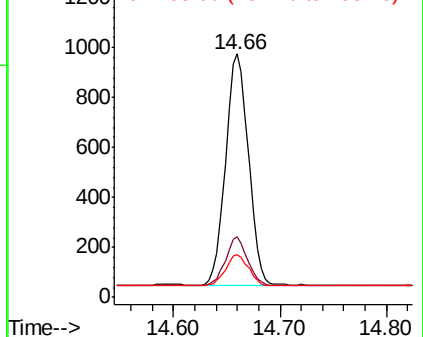
152 100

151 24.7 17.1 25.7

153 17.5 12.0 18.0



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



#8

Acenaphthene

Concen: 0.382 ng/ul

RT: 15.00 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

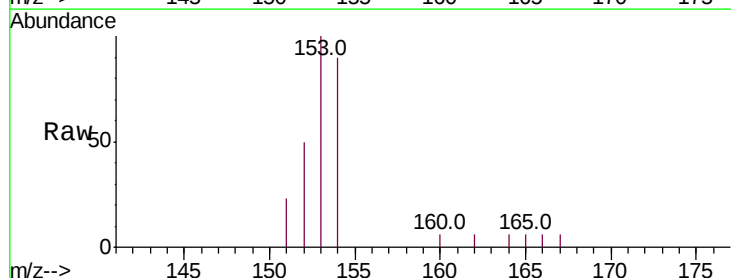
Tgt Ion:153 Resp: 980

Ion Ratio Lower Upper

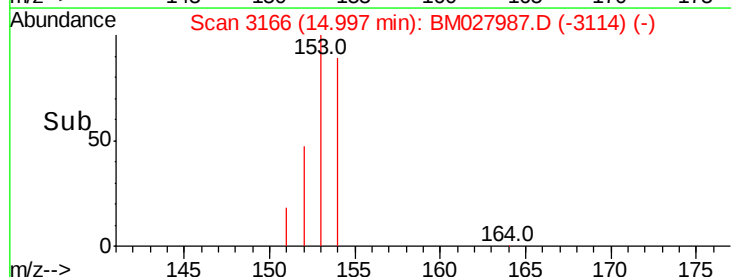
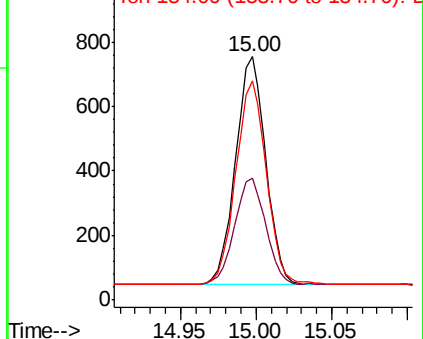
153 100

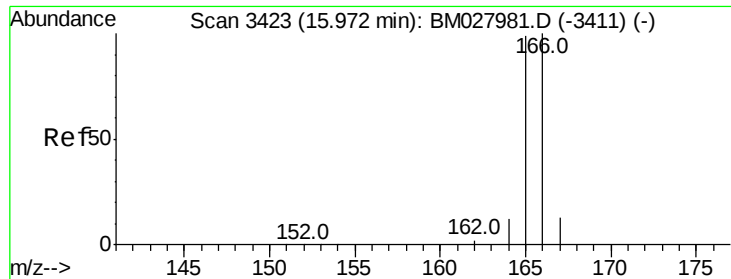
152 50.3 39.0 58.6

154 89.9 71.6 107.4



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





#9

Fluorene

Concen: 0.378 ng/ul

RT: 15.97 min Scan# 3422

Delta R.T. -0.00 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

Instrument :

BNA_M

ClientSampleId :

SSTD0.447

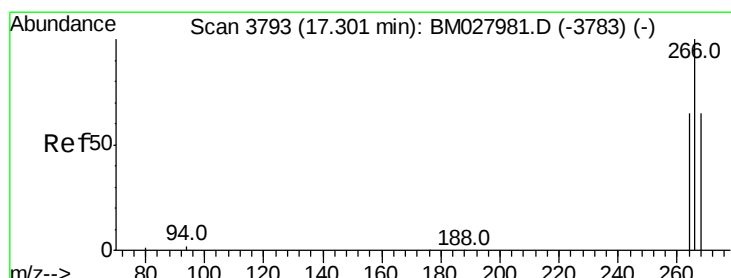
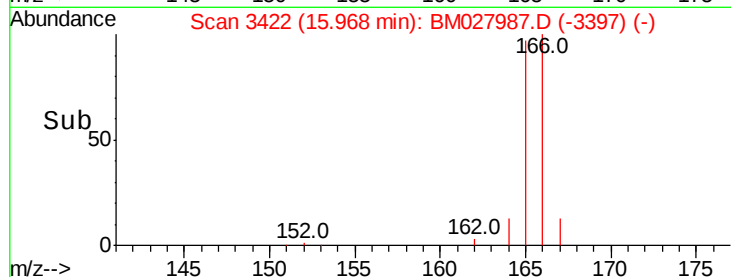
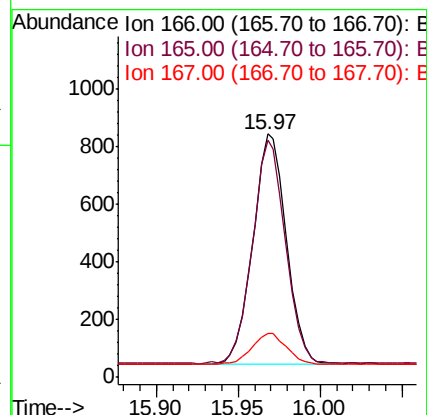
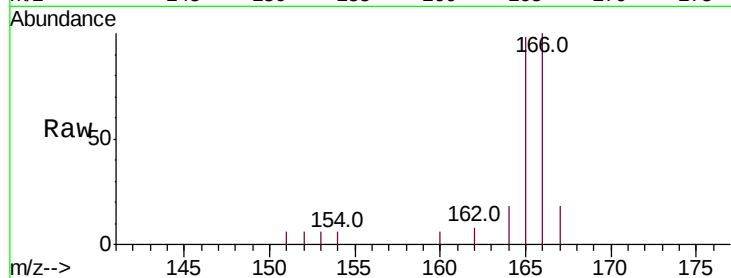
Tot Ion:166 Resp: 1125

Ion Ratio Lower Upper

166 100

165 97.6 78.1 117.1

167 18.3 11.8 17.8#



#11

Pentachlorophenol

Concen: 0.359 ng/ul

RT: 17.30 min Scan# 3792

Delta R.T. -0.00 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

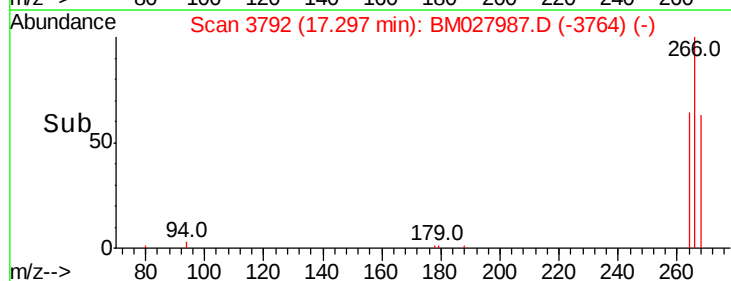
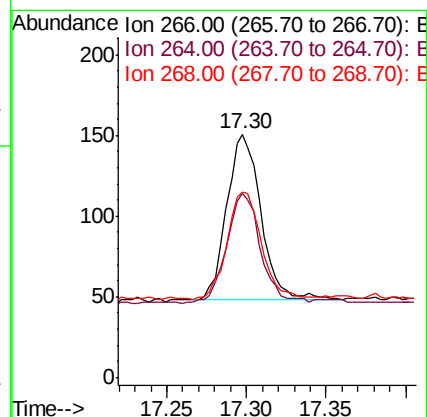
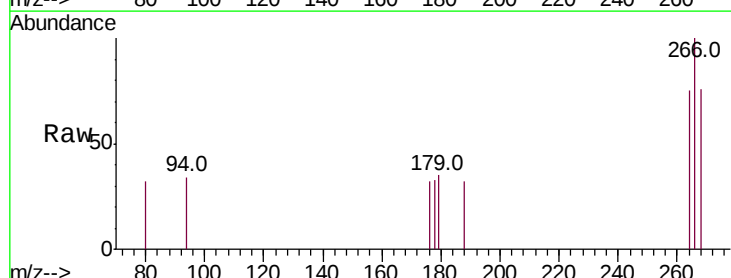
Tgt Ion:266 Resp: 155

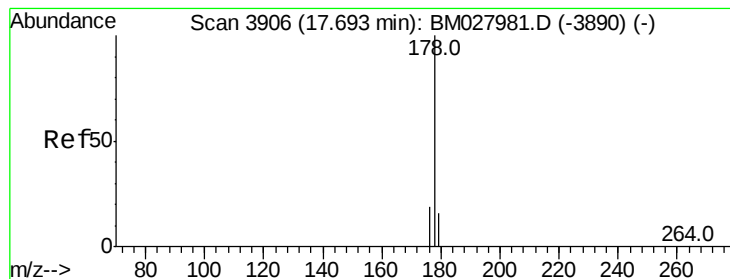
Ion Ratio Lower Upper

266 100

264 65.8 49.6 74.4

268 66.5 52.1 78.1





#12

Phenanthrene

Concen: 0.391 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

Instrument :

BNA_M

ClientSampleId :

SSTD0.447

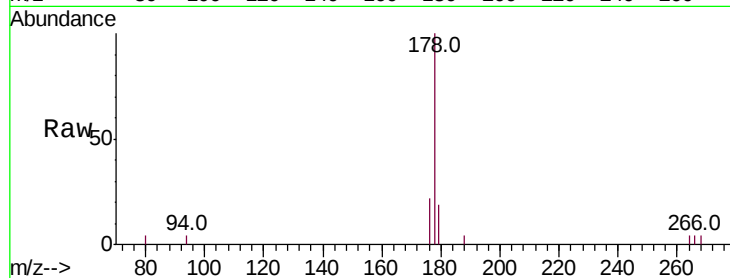
Tot Ion:178 Resp: 1569

Ion Ratio Lower Upper

178 100

179 18.7 13.6 20.4

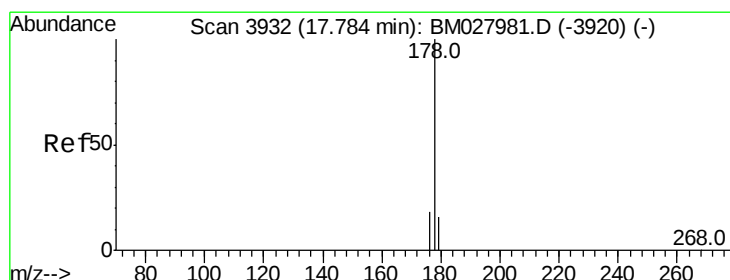
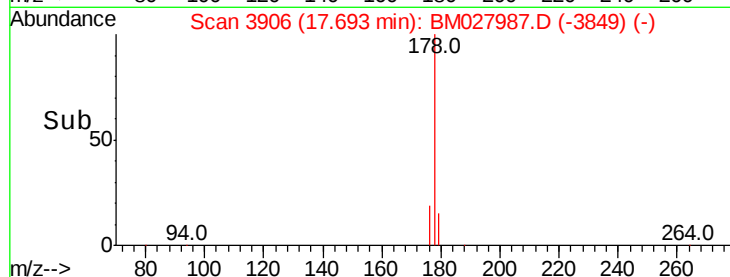
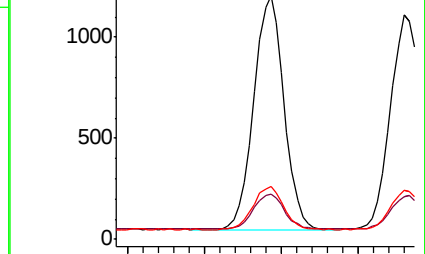
176 22.0 16.1 24.1



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



#13

Anthracene

Concen: 0.393 ng/ul

RT: 17.78 min Scan# 3931

Delta R.T. -0.01 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

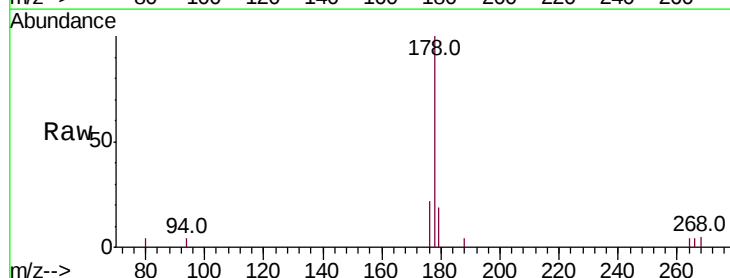
Tgt Ion:178 Resp: 1518

Ion Ratio Lower Upper

178 100

179 18.8 13.4 20.2

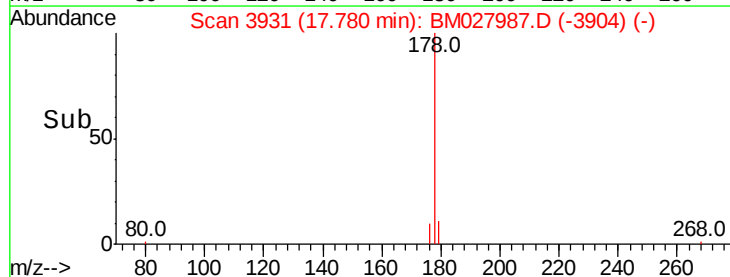
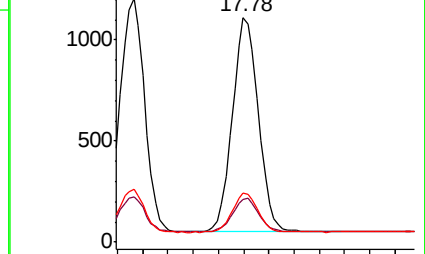
176 21.9 15.0 22.6

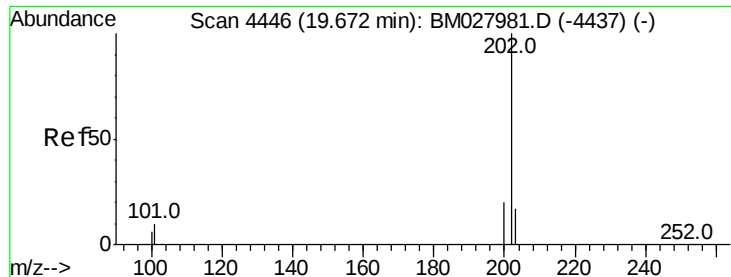


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.334 ng/ul

RT: 19.67 min Scan# 4445

Delta R.T. -0.00 min

Lab File: BM027987.D

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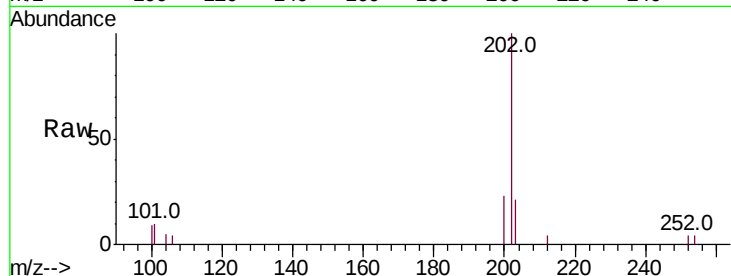
Tot Ion:202 Resp: 1486

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.3

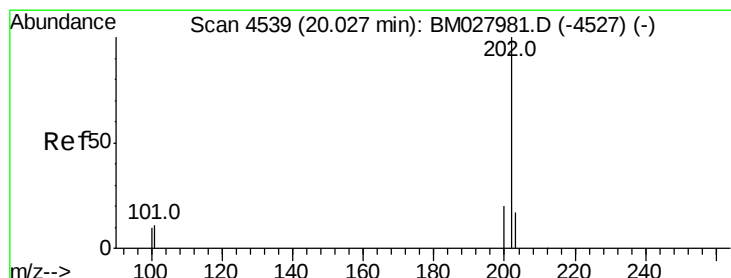
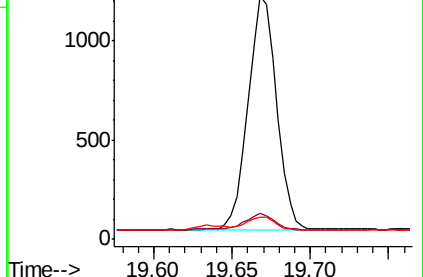
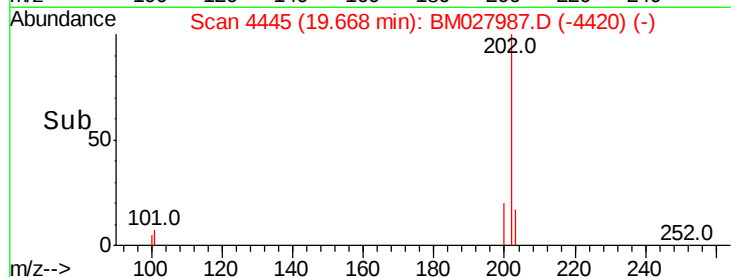
100 9.0 0.0 27.4



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



#17

Pyrene

Concen: 0.402 ng/ul

RT: 20.03 min Scan# 4539

Delta R.T. -0.00 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

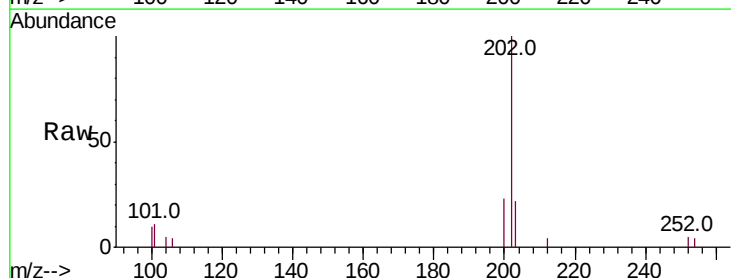
Tgt Ion:202 Resp: 1436

Ion Ratio Lower Upper

202 100

101 11.3 8.2 12.2

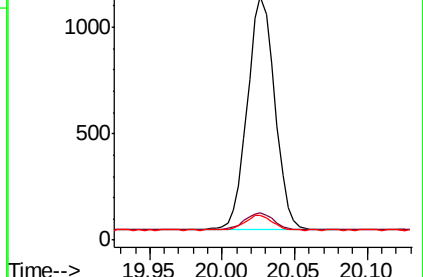
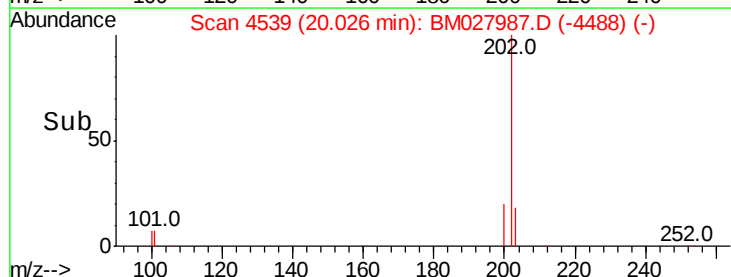
100 10.4 6.9 10.3#

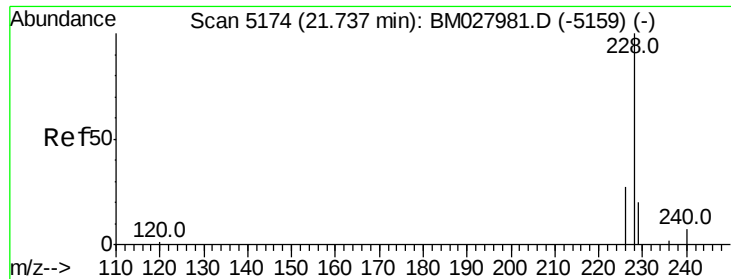


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.397 ng/ul

RT: 21.74 min Scan# 5174

Delta R.T. -0.00 min

Lab File: BM027987.D

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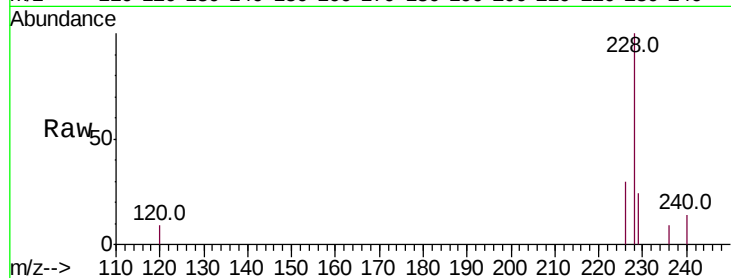
Tot Ion:228 Resp: 1128

Ion Ratio Lower Upper

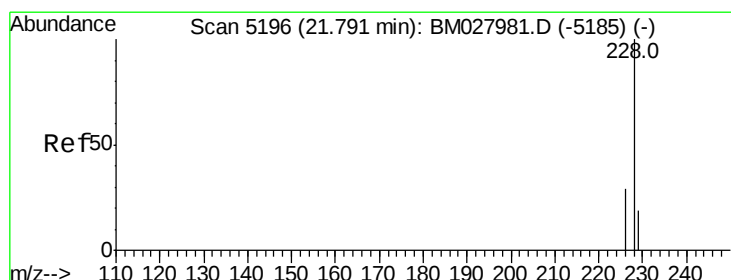
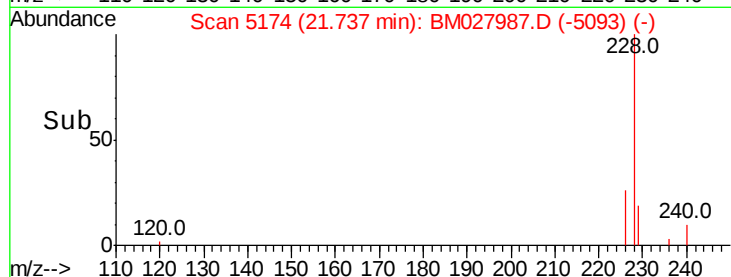
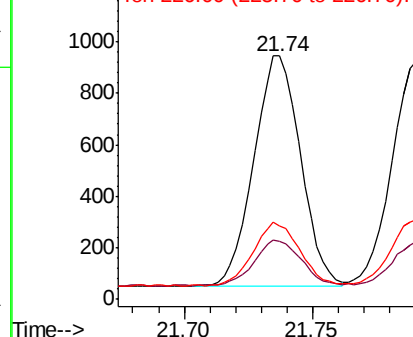
228 100

229 23.9 16.2 24.4

226 30.4 21.5 32.3



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



#19

Chrysene

Concen: 0.399 ng/ul

RT: 21.79 min Scan# 5196

Delta R.T. -0.01 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

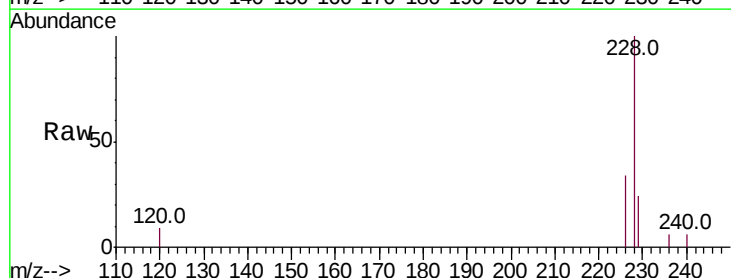
Tgt Ion:228 Resp: 1105

Ion Ratio Lower Upper

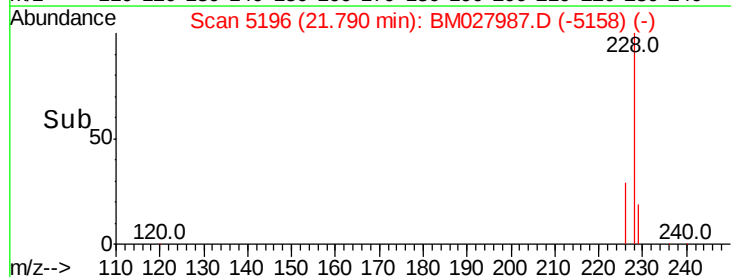
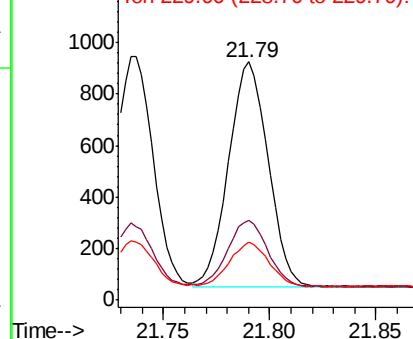
228 100

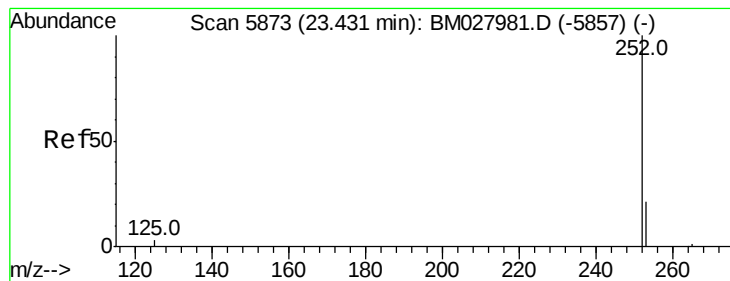
226 33.6 24.1 36.1

229 24.2 16.6 24.8



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





#21

Benzo(b)fluoranthene

Concen: 0.367 ng/ul

RT: 23.43 min Scan# 5873

Delta R.T. -0.01 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

Instrument :

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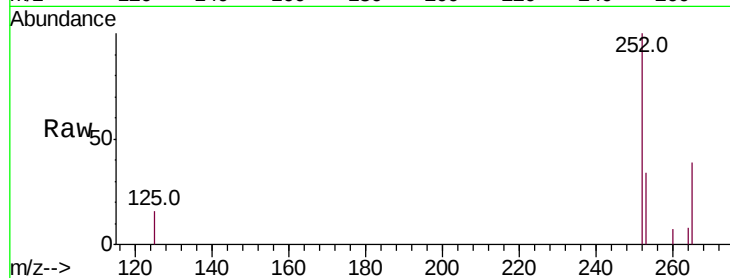
Tot Ion:252 Resp: 1085

Ion Ratio Lower Upper

252 100

253 34.4 0.0 59.6

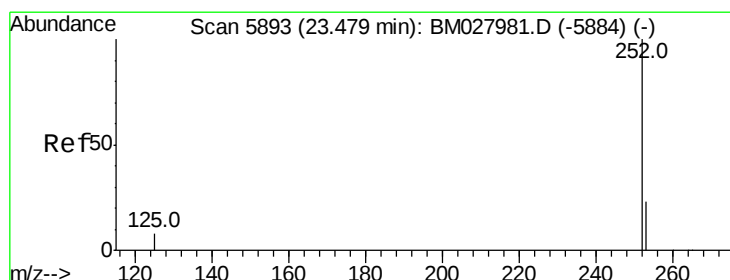
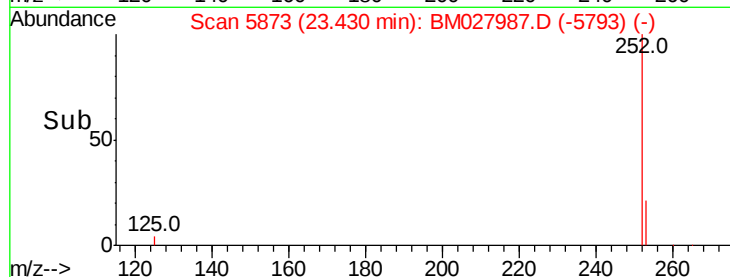
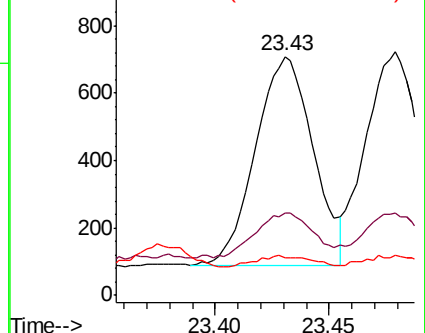
125 15.7 0.0 28.4



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



#22

Benzo(k)fluoranthene

Concen: 0.367 ng/ul

RT: 23.48 min Scan# 5893

Delta R.T. -0.01 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

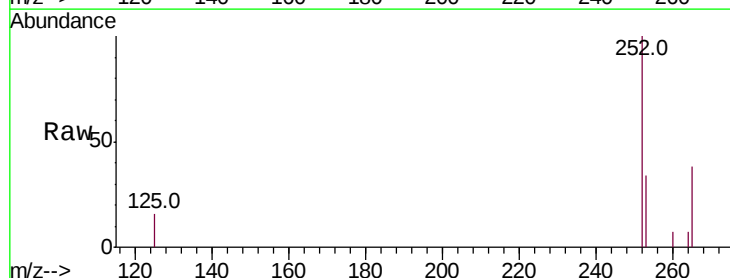
Tgt Ion:252 Resp: 1063

Ion Ratio Lower Upper

252 100

253 33.9 23.2 34.8

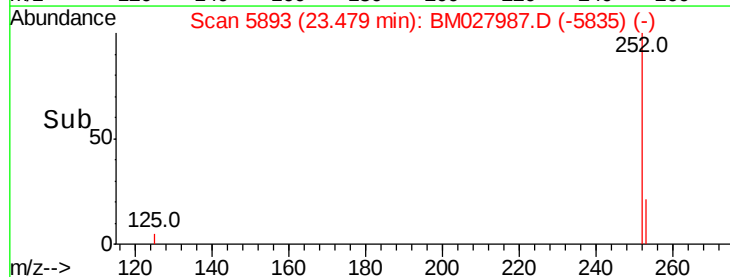
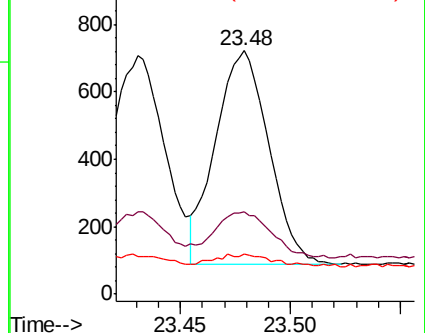
125 16.5 11.8 17.6

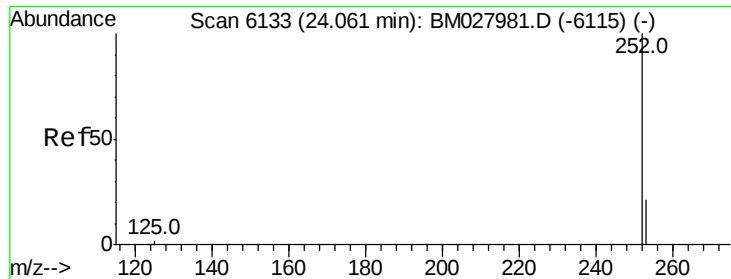


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.384 ng/u1

RT: 24.06 min Scan# 6132

Delta R.T. -0.01 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

Instrument :

BNA_M

ClientSampleId :

SSTD0.447

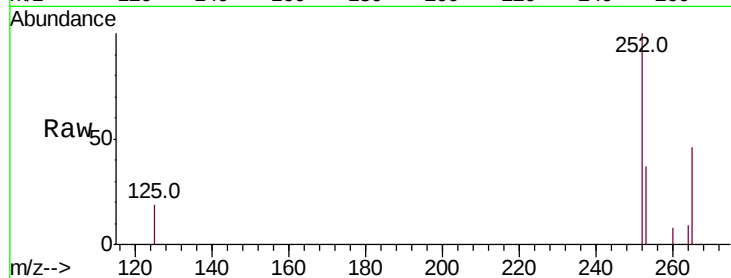
Tot Ion:252 Resp: 993

Ion Ratio Lower Upper

252 100

253 37.2 25.2 37.8

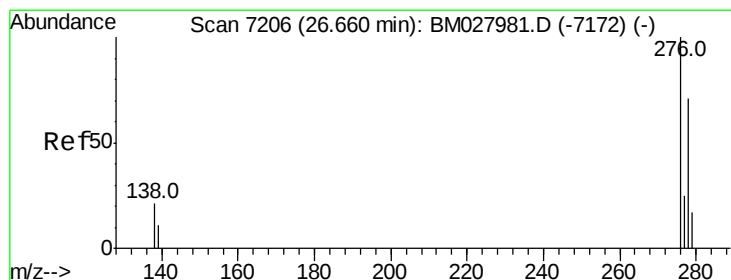
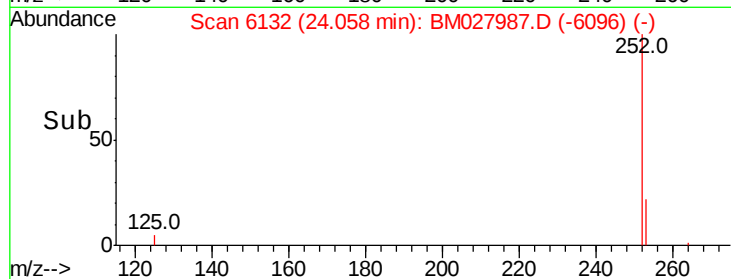
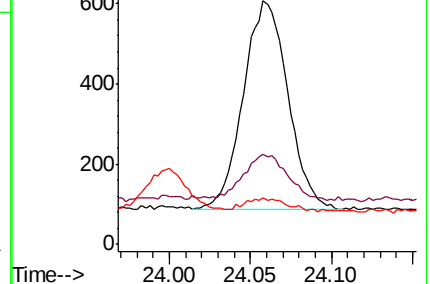
125 19.1 13.8 20.6



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.460 ng/u1

RT: 26.66 min Scan# 7206

Delta R.T. -0.01 min

Lab File: BM027987.D

Acq: 26 Nov 2020 05:52

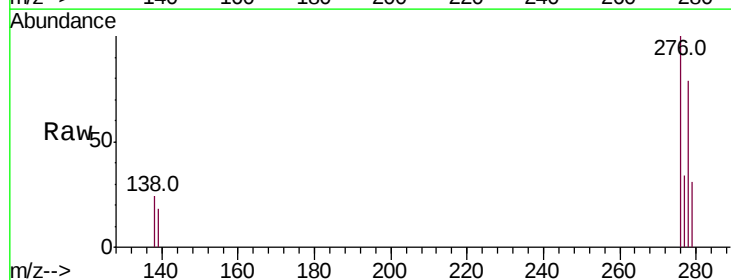
Tgt Ion:276 Resp: 1287

Ion Ratio Lower Upper

276 100

138 14.6 15.7 23.5#

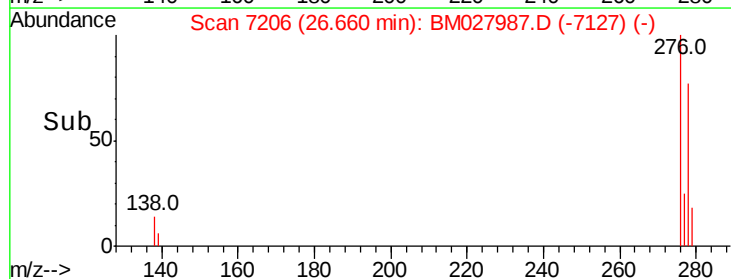
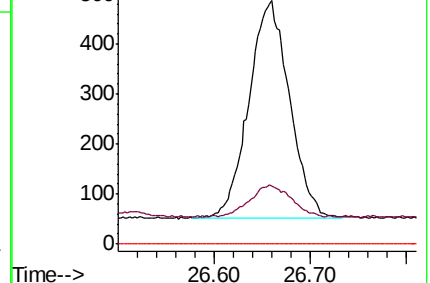
227 0.0 0.0 0.0

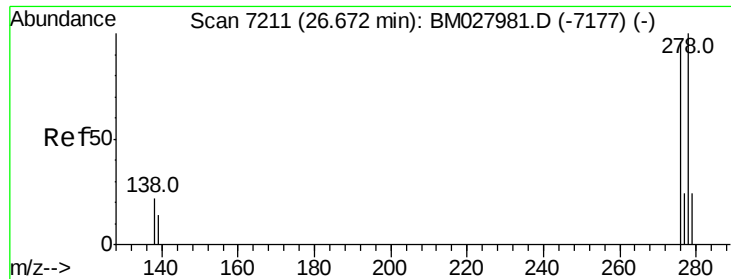


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



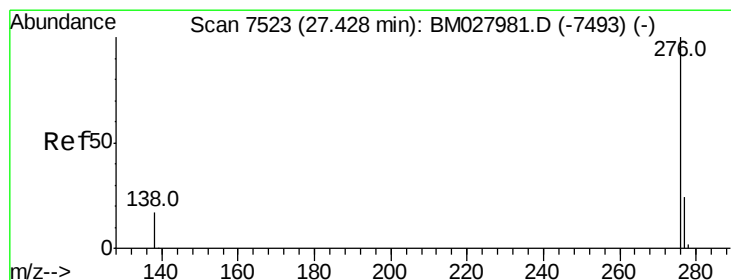
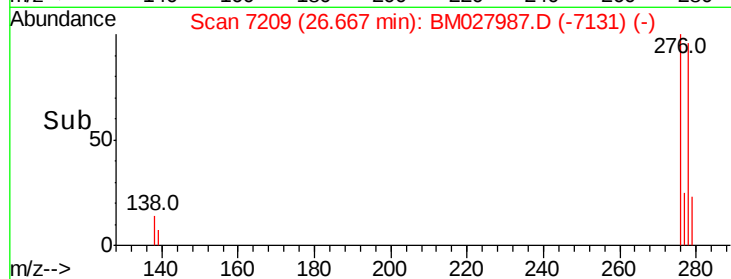
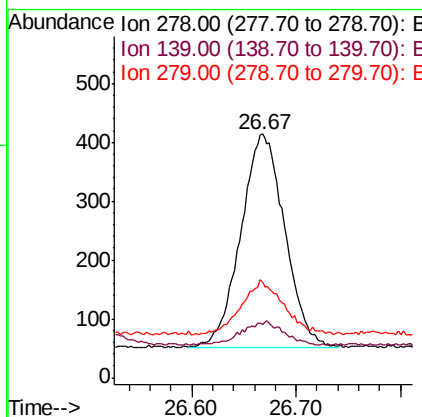
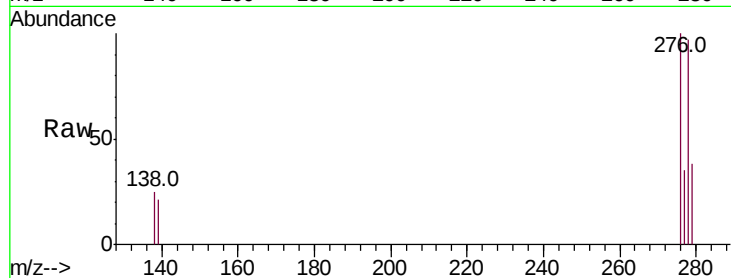


#25
Dibenzo(a,h)anthracene
Concen: 0.459 ng/ul
RT: 26.67 min Scan# 7209
Delta R.T. -0.01 min
Lab File: BM027987.D
Acq: 26 Nov 2020 05:52

Instrument :
BNA_M
ClientSampleId :
SSTD0.447

Tot Ion:278 Resp: 1069

Ion	Ratio	Lower	Upper
278	100		
139	21.7	14.8	22.2
279	39.1	25.8	38.6#



#26
Benzo(g,h,i)perylene
Concen: 0.465 ng/ul
RT: 27.43 min Scan# 7522
Delta R.T. -0.02 min
Lab File: BM027987.D
Acq: 26 Nov 2020 05:52

Tgt Ion:276 Resp: 1090

Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.4	26.2
277	35.0	22.5	33.7#

