

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027953.D
 Acq On : 24 Nov 2020 21:22
 Operator : JU/CG
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.443

Quant Time: Nov 25 00:50:31 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 : Tue Nov 24 15:00:24 2020
 Response via : Initial Calibration

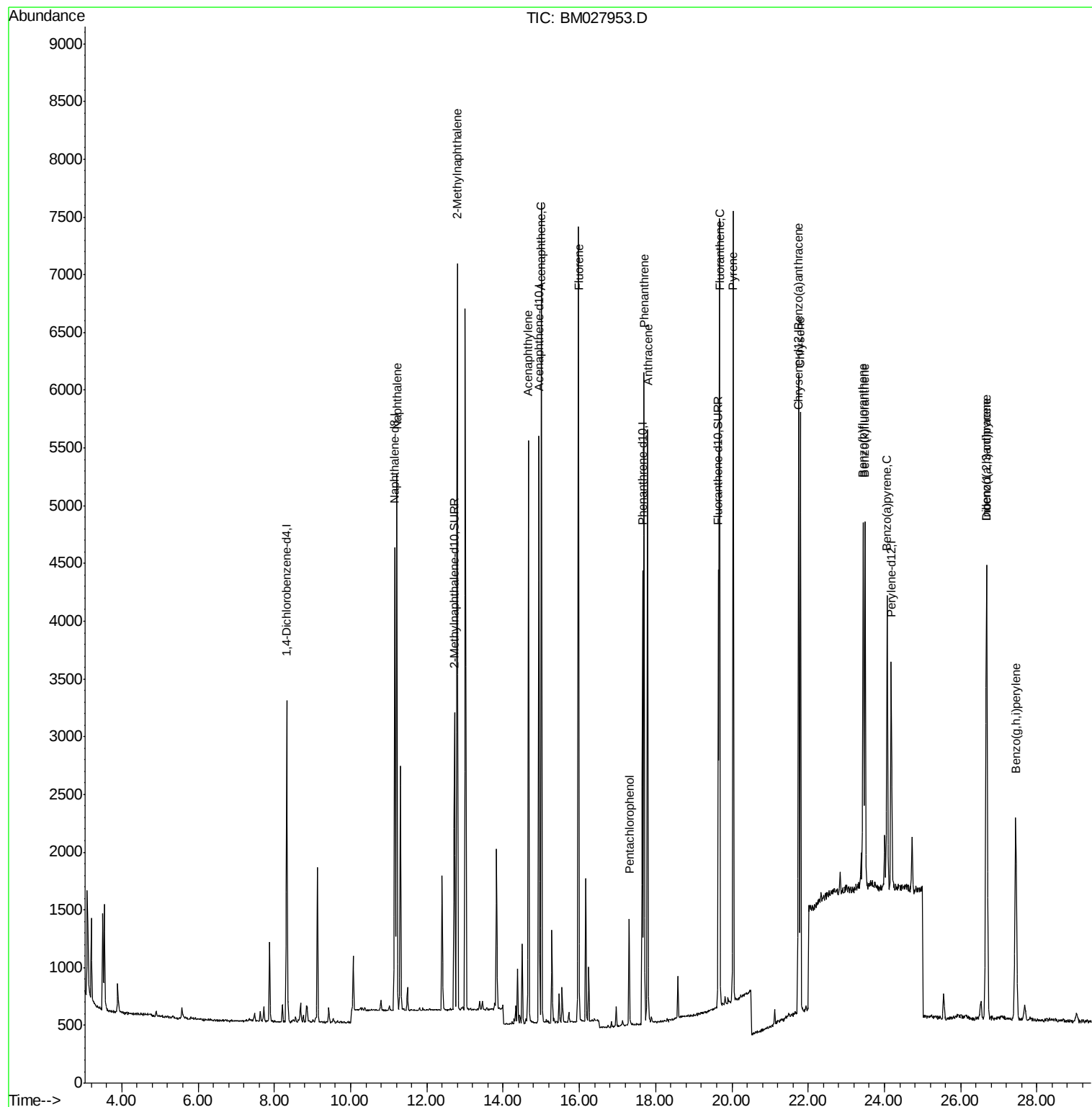
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1357	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	5171	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4418	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2703	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2684	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	3235	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3999	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	6244	0.403	ng/ul	98
5) 2-Methylnaphthalene	12.79	142	4253	0.403	ng/ul	99
7) Acenaphthylene	14.67	152	5611	0.425	ng/ul	98
8) Acenaphthene	15.00	153	3989	0.403	ng/ul	98
9) Fluorene	15.98	166	4348	0.379	ng/ul	100
11) Pentachlorophenol	17.30	266	584	0.388	ng/ul	99
12) Phenanthrene	17.70	178	5729	0.411	ng/ul	99
13) Anthracene	17.79	178	5471	0.406	ng/ul	99
15) Fluoranthene	19.68	202	5623	0.363	ng/ul	96
17) Pyrene	20.03	202	5486	0.400	ng/ul#	94
18) Benzo(a)anthracene	21.74	228	4392	0.403	ng/ul	97
19) Chrysene	21.80	228	4332	0.408	ng/ul	97
21) Benzo(b)fluoranthene	23.44	252	4244	0.376	ng/ul	96
22) Benzo(k)fluoranthene	23.49	252	4203	0.380	ng/ul#	95
23) Benzo(a)pyrene	24.07	252	3808	0.386	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.67	276	4599	0.431	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	3798	0.427	ng/ul	97
26) Benzo(g,h,i)perylene	27.44	276	3912	0.437	ng/ul	97

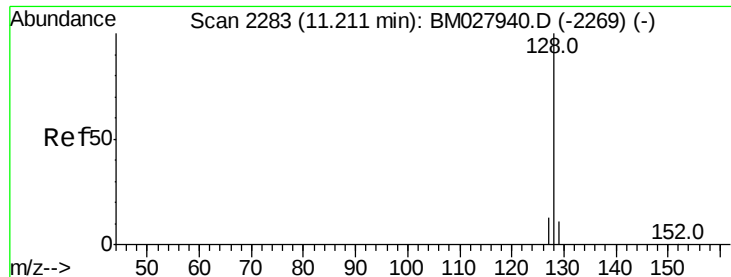
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Tue Nov 24 15:00:24 2020
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#3

Naphthalene

Concen: 0.403 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

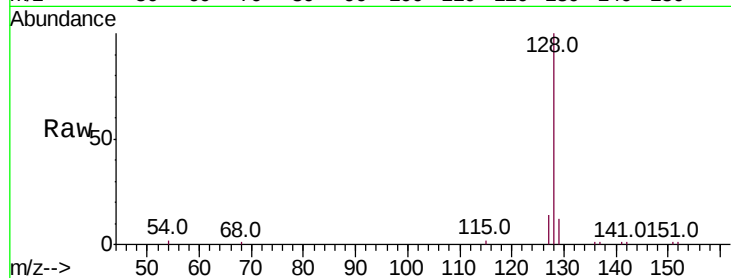
Tot Ion:128 Resp: 6244

Ion Ratio Lower Upper

128 100

129 12.4 10.4 15.6

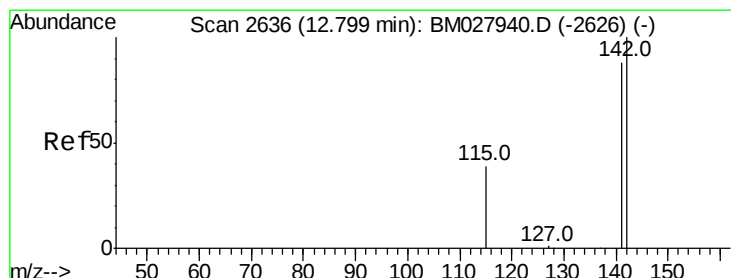
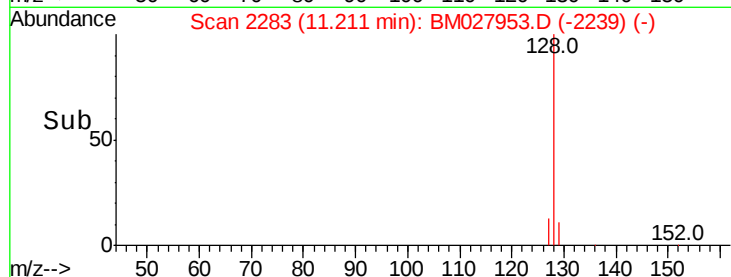
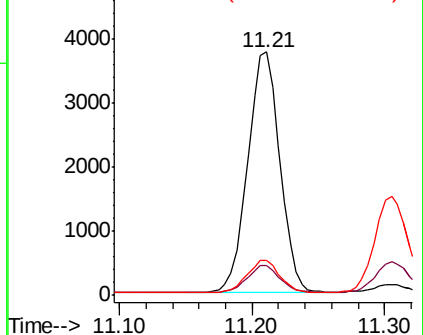
127 14.1 12.0 18.0



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: 0.403 ng/ul

RT: 12.79 min Scan# 2635

Delta R.T. -0.00 min

Lab File: BM027953.D

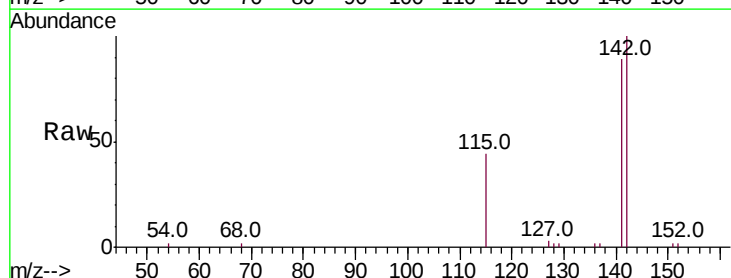
Acq: 24 Nov 2020 21:22

Tgt Ion:142 Resp: 4253

Ion Ratio Lower Upper

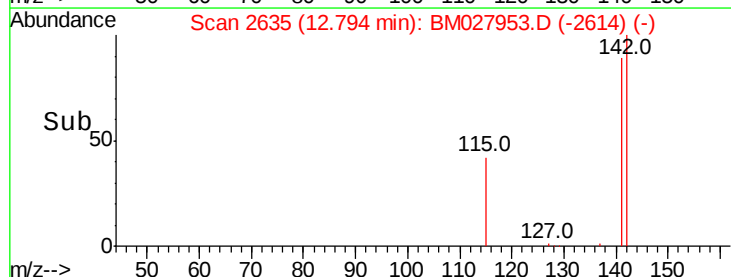
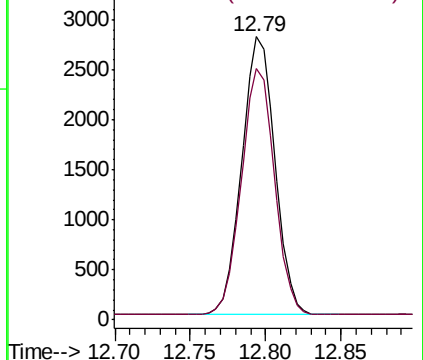
142 100

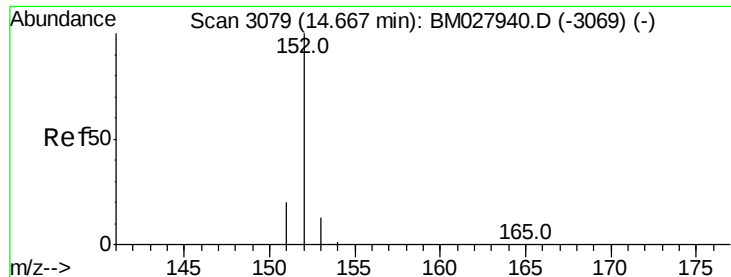
141 88.5 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.425 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

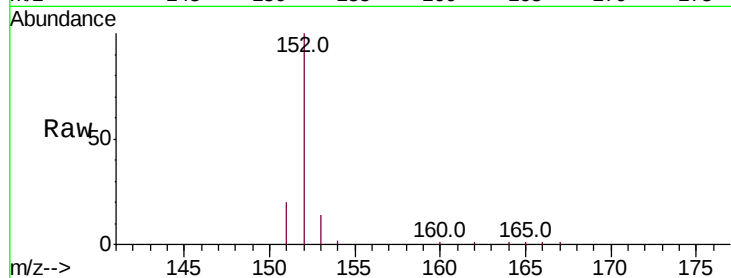
Tot Ion:152 Resp: 5611

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

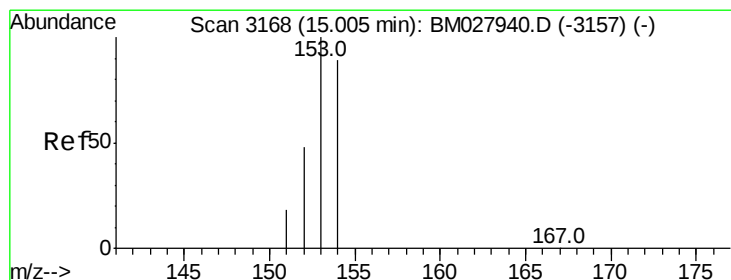
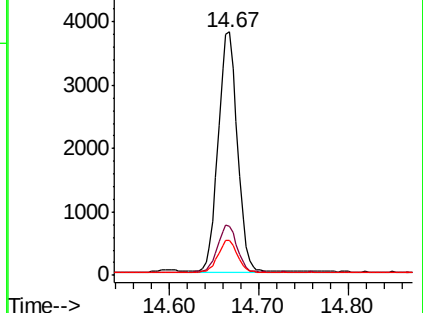
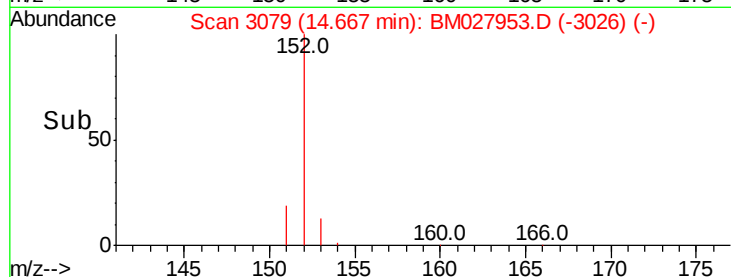
153 14.3 12.0 18.0



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: 0.403 ng/ul

RT: 15.00 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

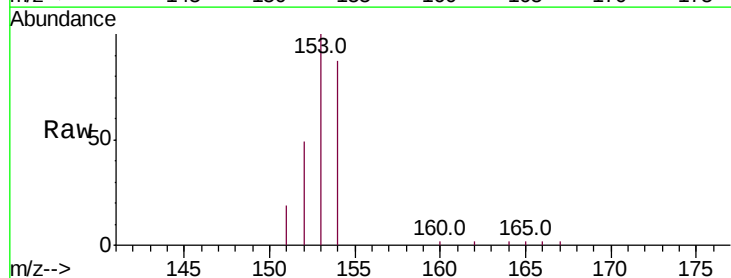
Tgt Ion:153 Resp: 3989

Ion Ratio Lower Upper

153 100

152 49.2 39.0 58.6

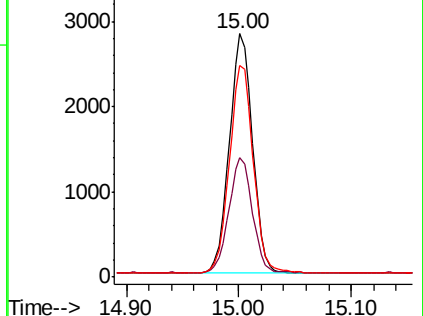
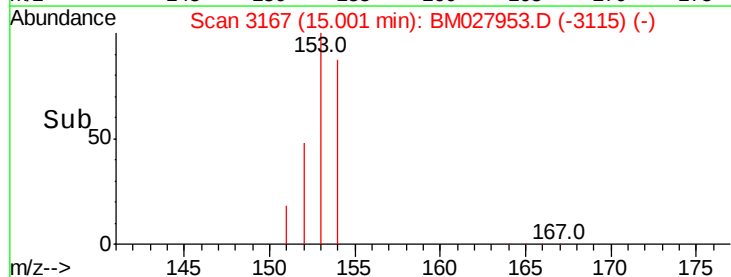
154 87.1 71.6 107.4

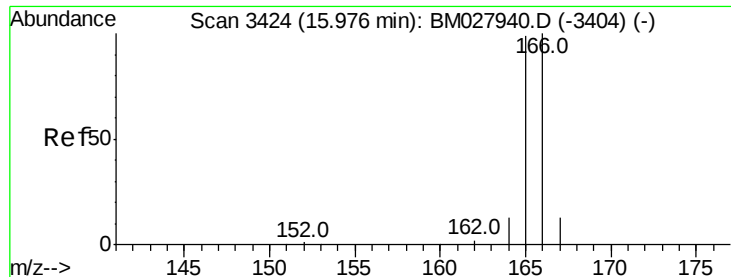


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.379 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

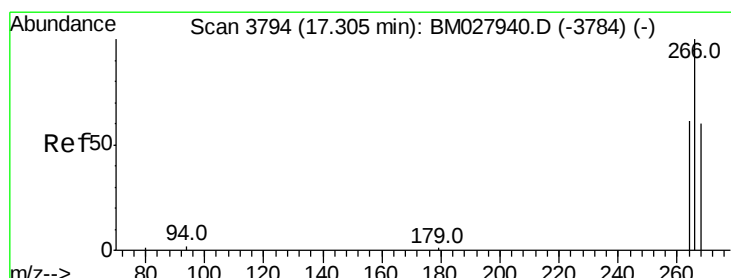
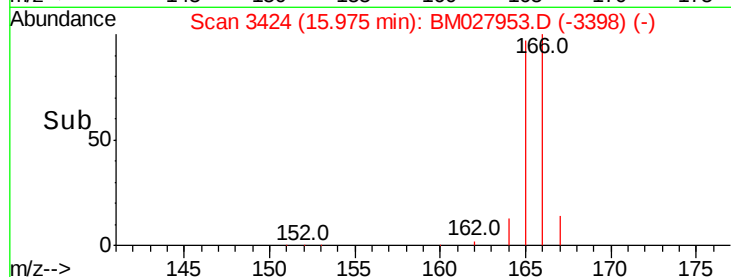
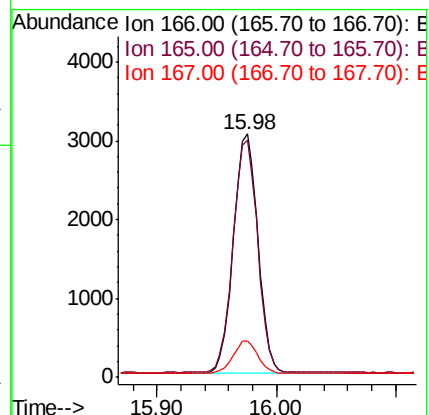
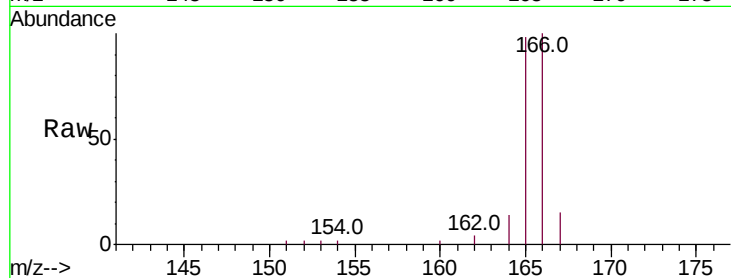
Tot Ion:166 Resp: 4348

Ion Ratio Lower Upper

166 100

165 97.6 78.1 117.1

167 15.0 11.8 17.8



#11

Pentachlorophenol

Concen: 0.388 ng/ul

RT: 17.30 min Scan# 3794

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

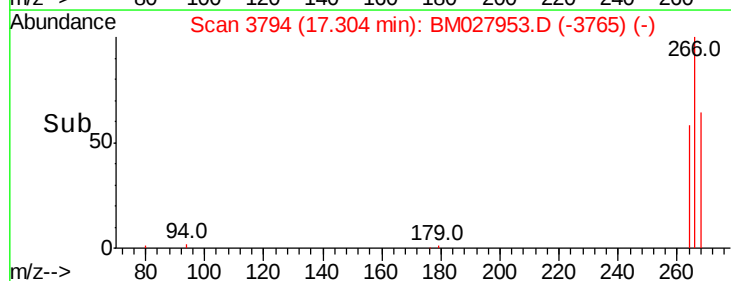
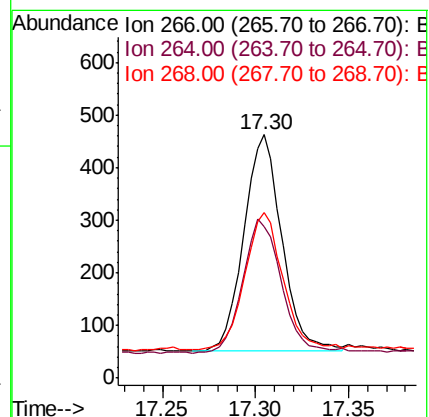
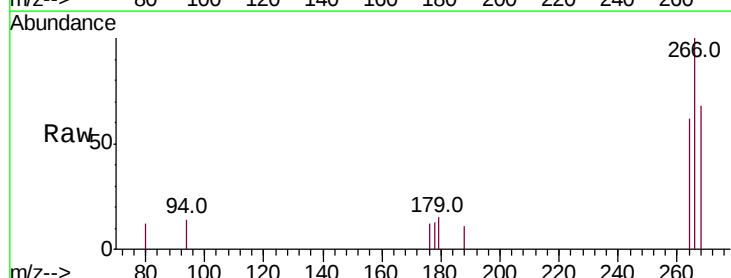
Tgt Ion:266 Resp: 584

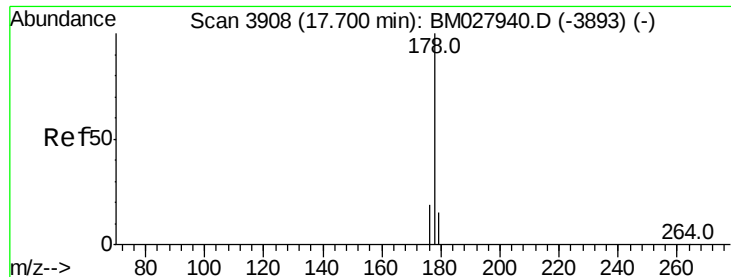
Ion Ratio Lower Upper

266 100

264 64.2 49.6 74.4

268 65.1 52.1 78.1





#12

Phenanthrene

Concen: 0.411 ng/ul

RT: 17.70 min Scan# 3907

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

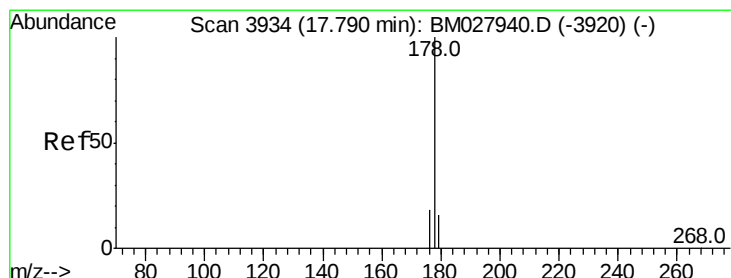
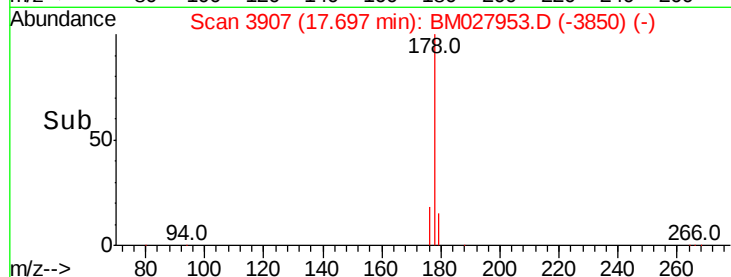
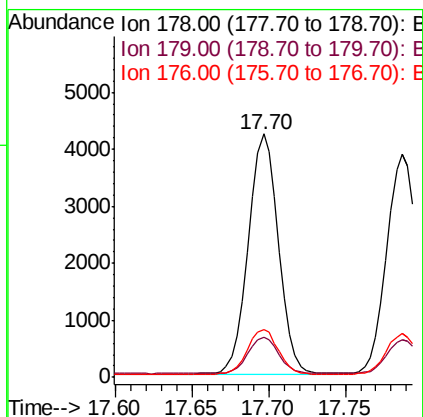
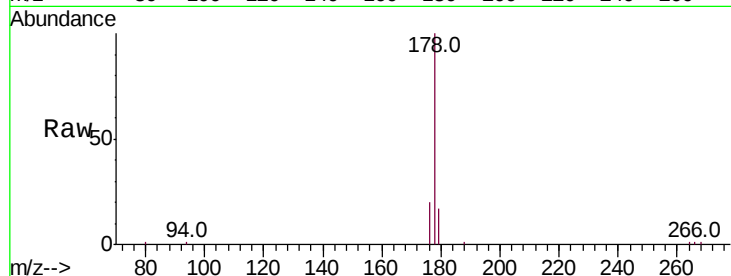
Tot Ion:178 Resp: 5729

Ion Ratio Lower Upper

178 100

179 16.7 13.6 20.4

176 19.5 16.1 24.1



#13

Anthracene

Concen: 0.406 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

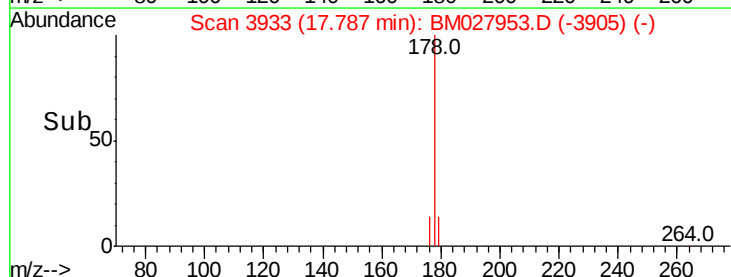
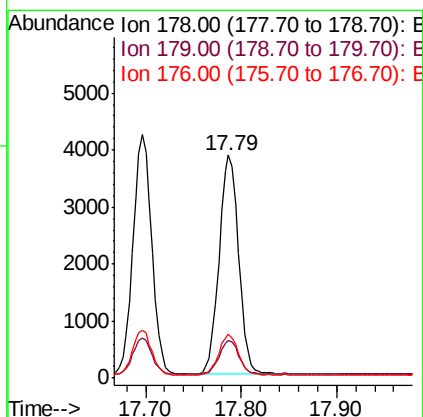
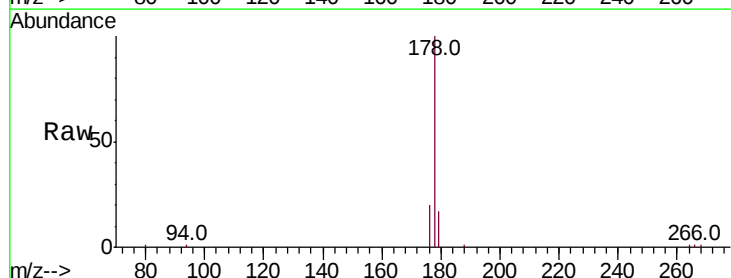
Tgt Ion:178 Resp: 5471

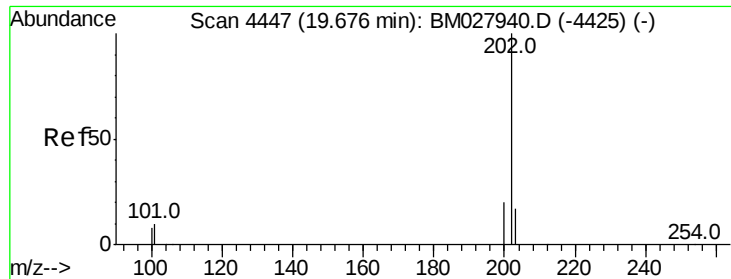
Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.2

176 19.8 15.0 22.6





#15

Fluoranthene

Concen: 0.363 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

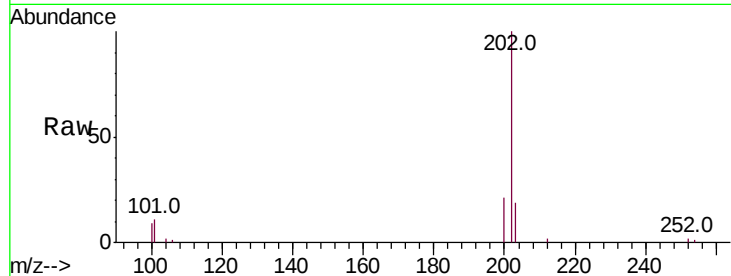
Tot Ion:202 Resp: 5623

Ion Ratio Lower Upper

202 100

101 10.5 0.0 29.3

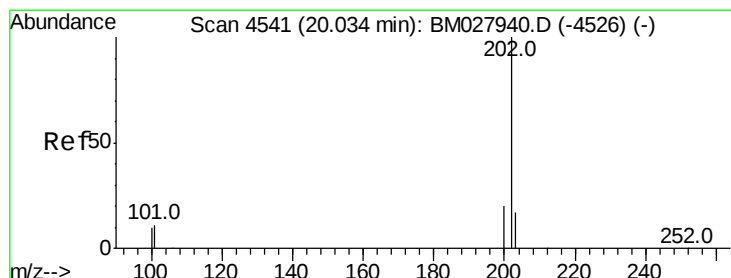
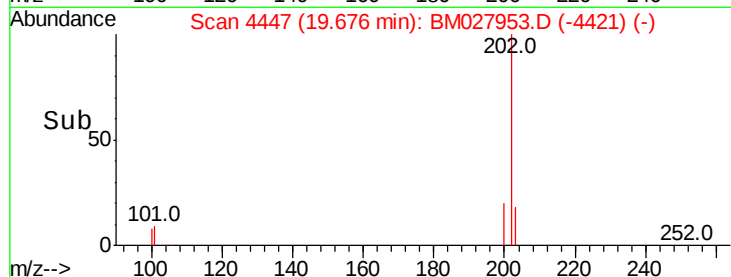
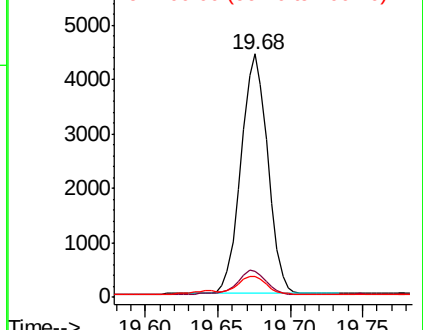
100 8.8 0.0 27.4



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: 0.400 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

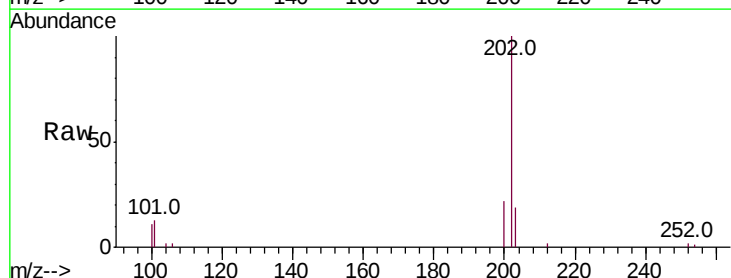
Tgt Ion:202 Resp: 5486

Ion Ratio Lower Upper

202 100

101 12.5 8.2 12.2#

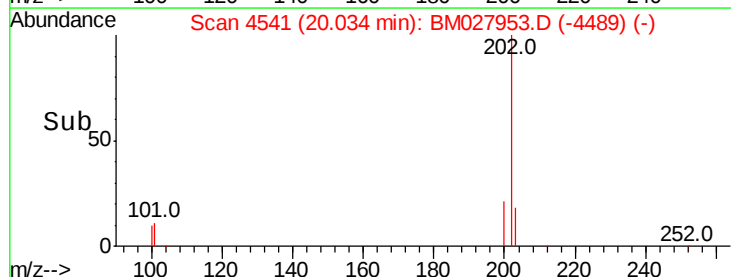
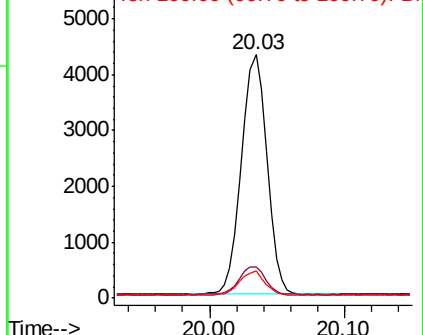
100 11.0 6.9 10.3#

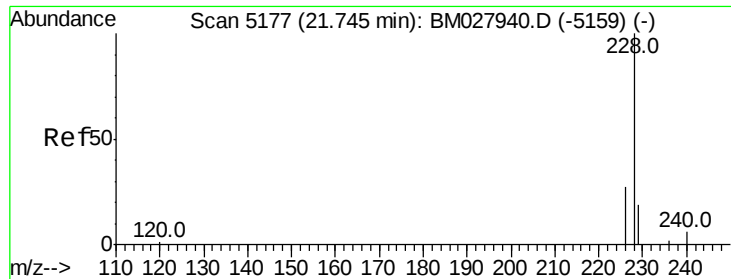


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.403 ng/ul

RT: 21.74 min Scan# 5177

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

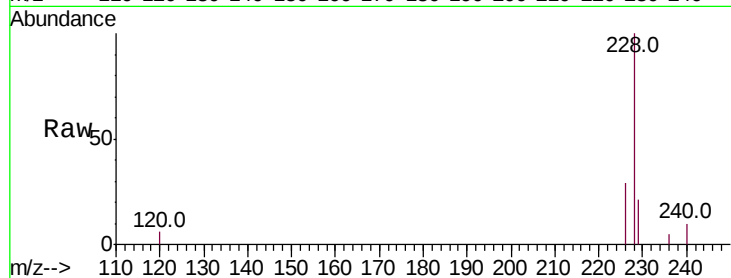
Tot Ion:228 Resp: 4392

Ion Ratio Lower Upper

228 100

229 21.3 16.2 24.4

226 28.6 21.5 32.3

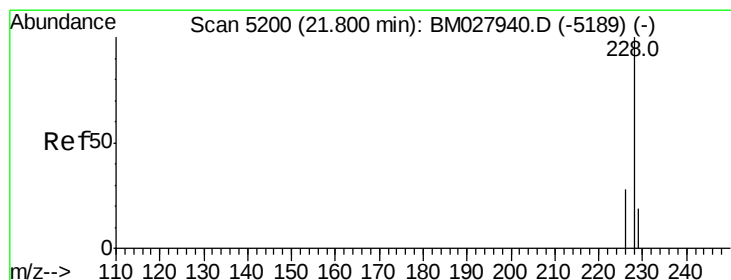
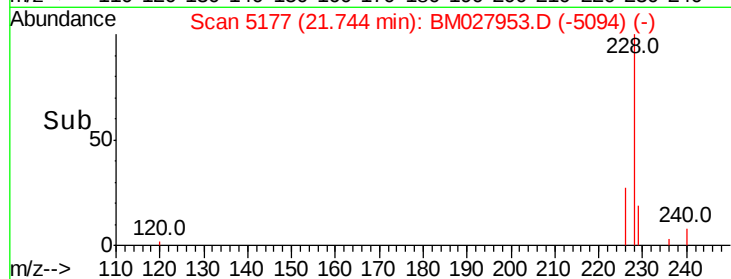
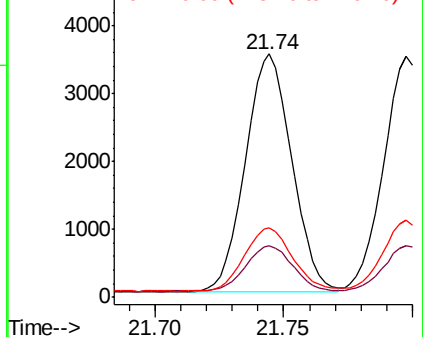


Abundance

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: 0.408 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

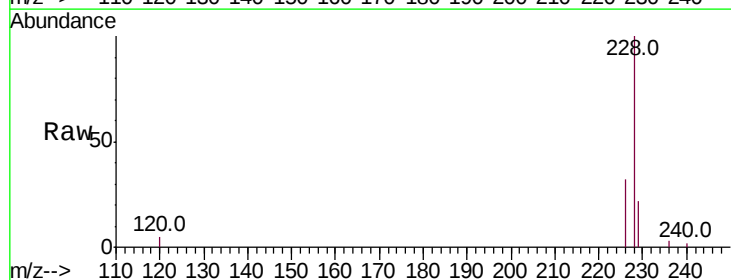
Tgt Ion:228 Resp: 4332

Ion Ratio Lower Upper

228 100

226 32.0 24.1 36.1

229 21.6 16.6 24.8

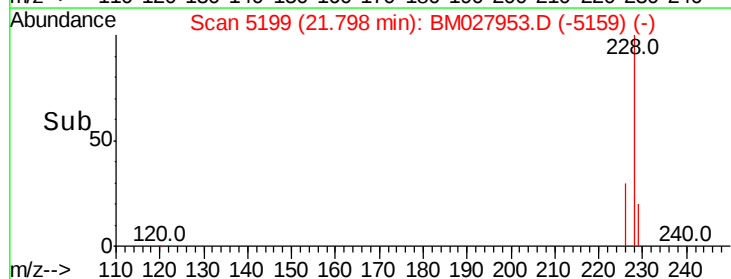
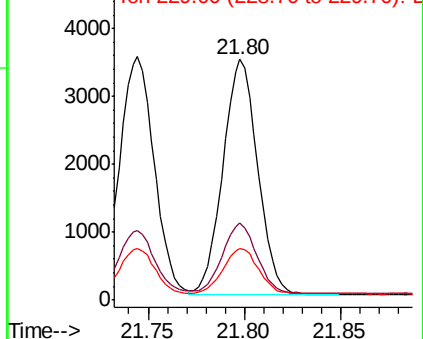


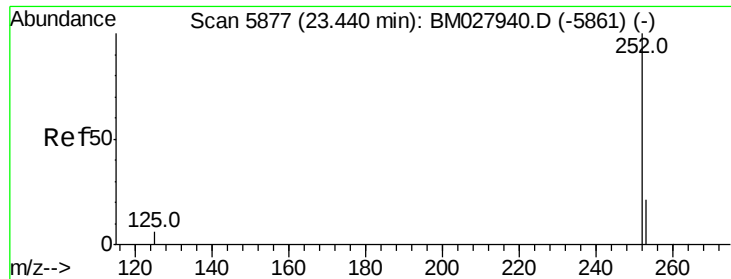
Abundance

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: 0.376 ng/ul

RT: 23.44 min Scan# 5878

Delta R.T. 0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

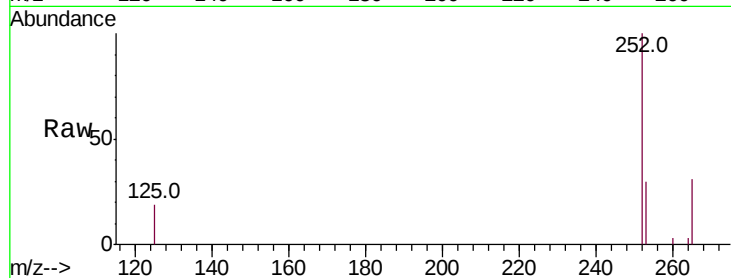
Tot Ion:252 Resp: 4244

Ion Ratio Lower Upper

252 100

253 29.5 0.0 59.6

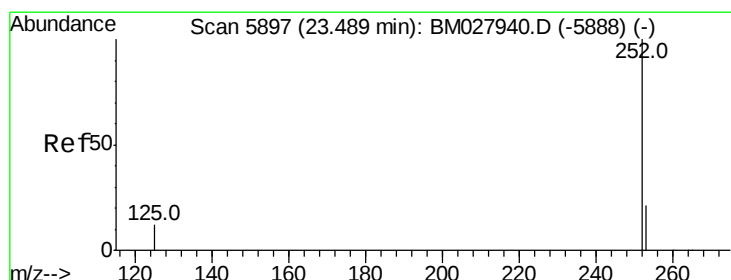
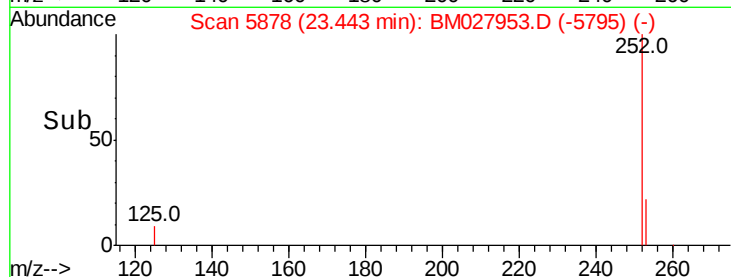
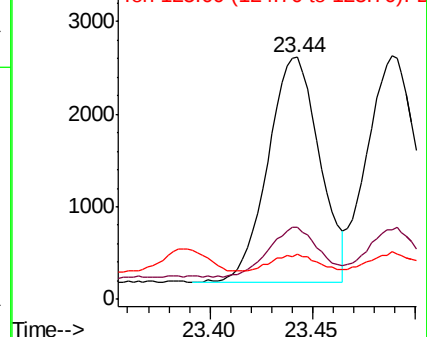
125 18.8 0.0 28.4



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: 0.380 ng/ul

RT: 23.49 min Scan# 5897

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

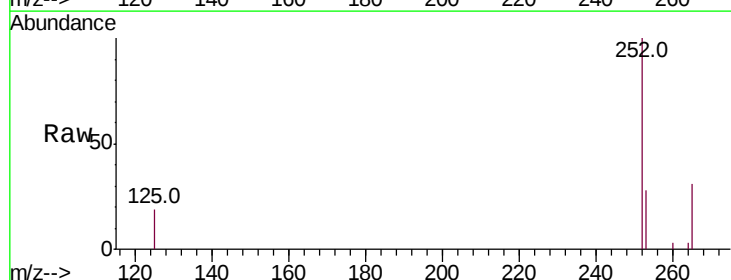
Tgt Ion:252 Resp: 4203

Ion Ratio Lower Upper

252 100

253 28.3 23.2 34.8

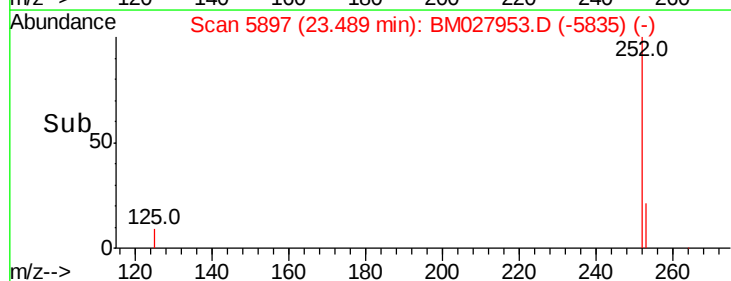
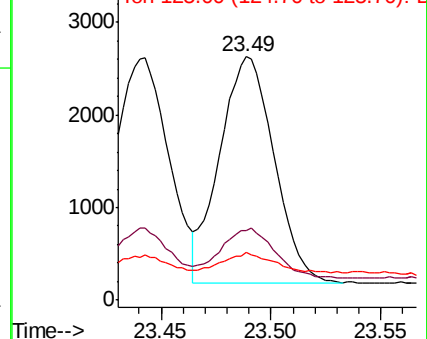
125 19.4 11.8 17.6#

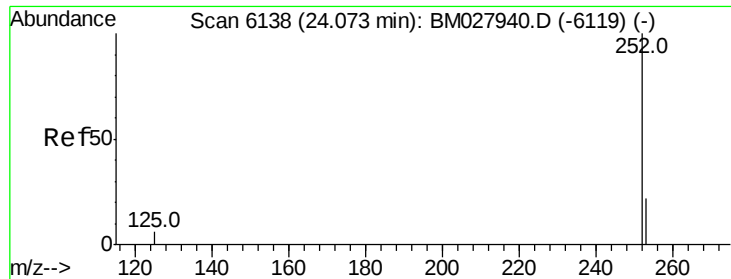


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.386 ng/ul

RT: 24.07 min Scan# 6138

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

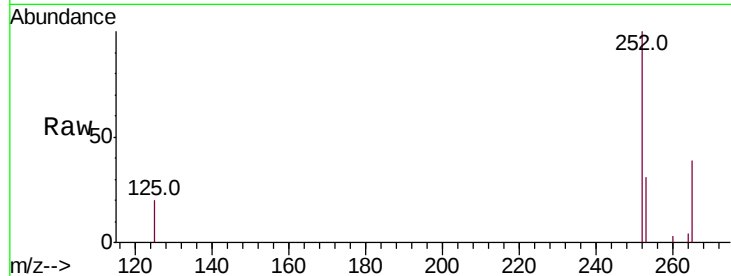
Tot Ion:252 Resp: 3808

Ion Ratio Lower Upper

252 100

253 30.9 25.2 37.8

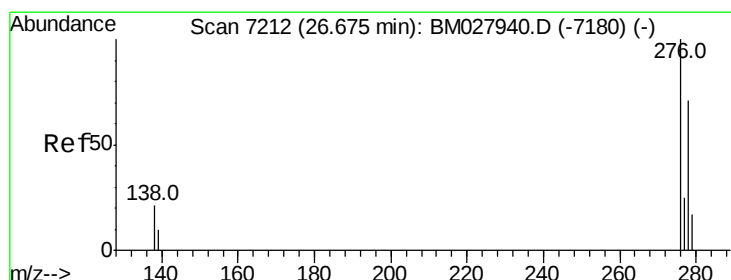
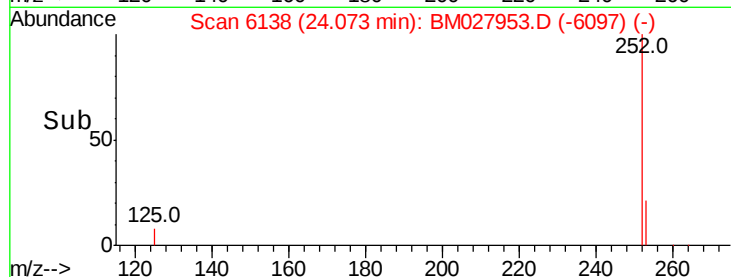
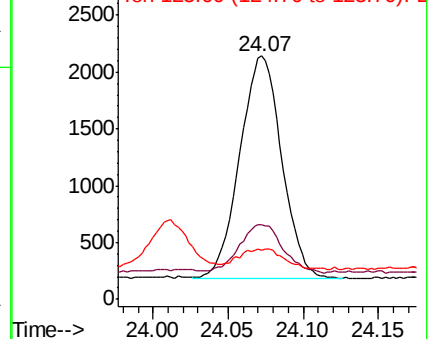
125 20.2 13.8 20.6



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: 0.431 ng/ul

RT: 26.67 min Scan# 7212

Delta R.T. -0.00 min

Lab File: BM027953.D

Acq: 24 Nov 2020 21:22

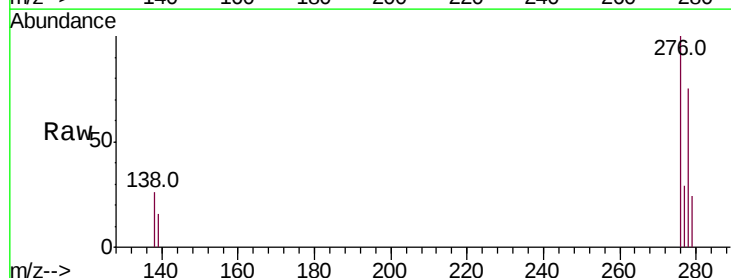
Tgt Ion:276 Resp: 4599

Ion Ratio Lower Upper

276 100

138 21.5 15.7 23.5

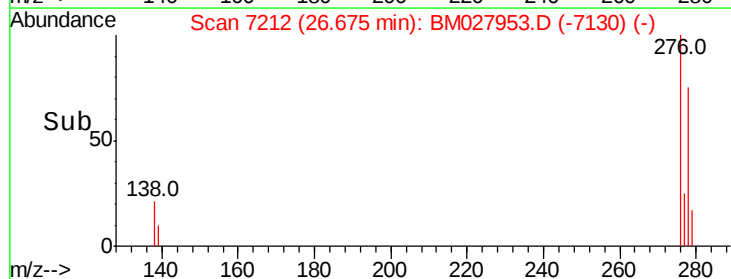
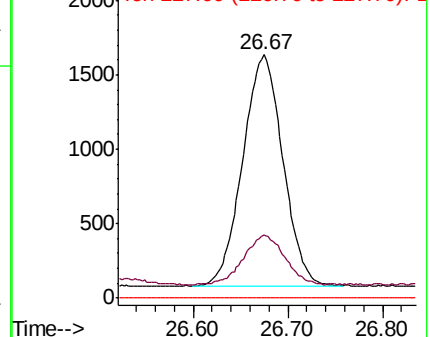
227 0.0 0.0 0.0

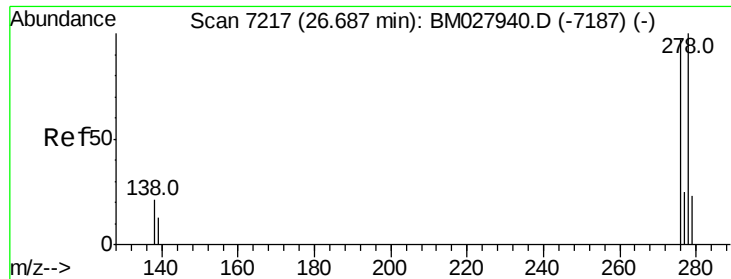


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



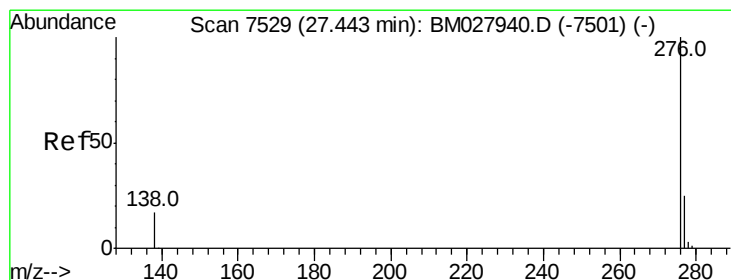
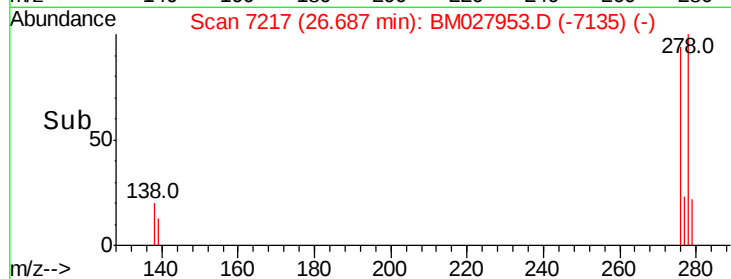
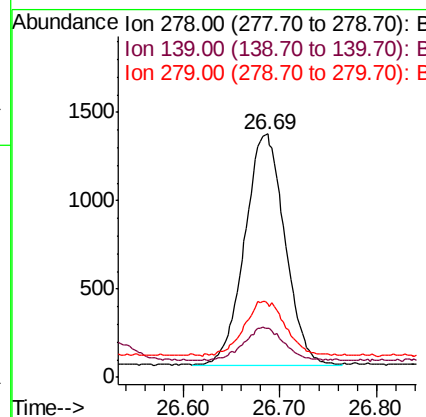
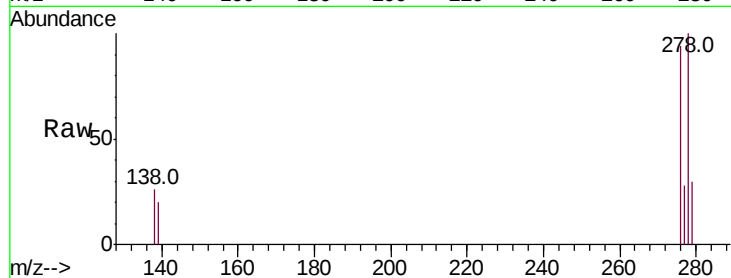


#25
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.00 min
Lab File: BM027953.D
Acq: 24 Nov 2020 21:22

Instrument :
BNA_M
ClientSampleId :
SSTD0.443

Tot Ion:278 Resp: 3798

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.8	22.2
279	30.3	25.8	38.6



#26
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. -0.00 min
Lab File: BM027953.D
Acq: 24 Nov 2020 21:22

Tgt Ion:276 Resp: 3912

Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.4	26.2
277	28.9	22.5	33.7

