

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025459.D
 Acq On : 10 Mar 2020 19:01
 Operator : CG/JU
 Sample : L1617-21
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 00:45:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 23:48:01 2020
 Response via : Initial Calibration

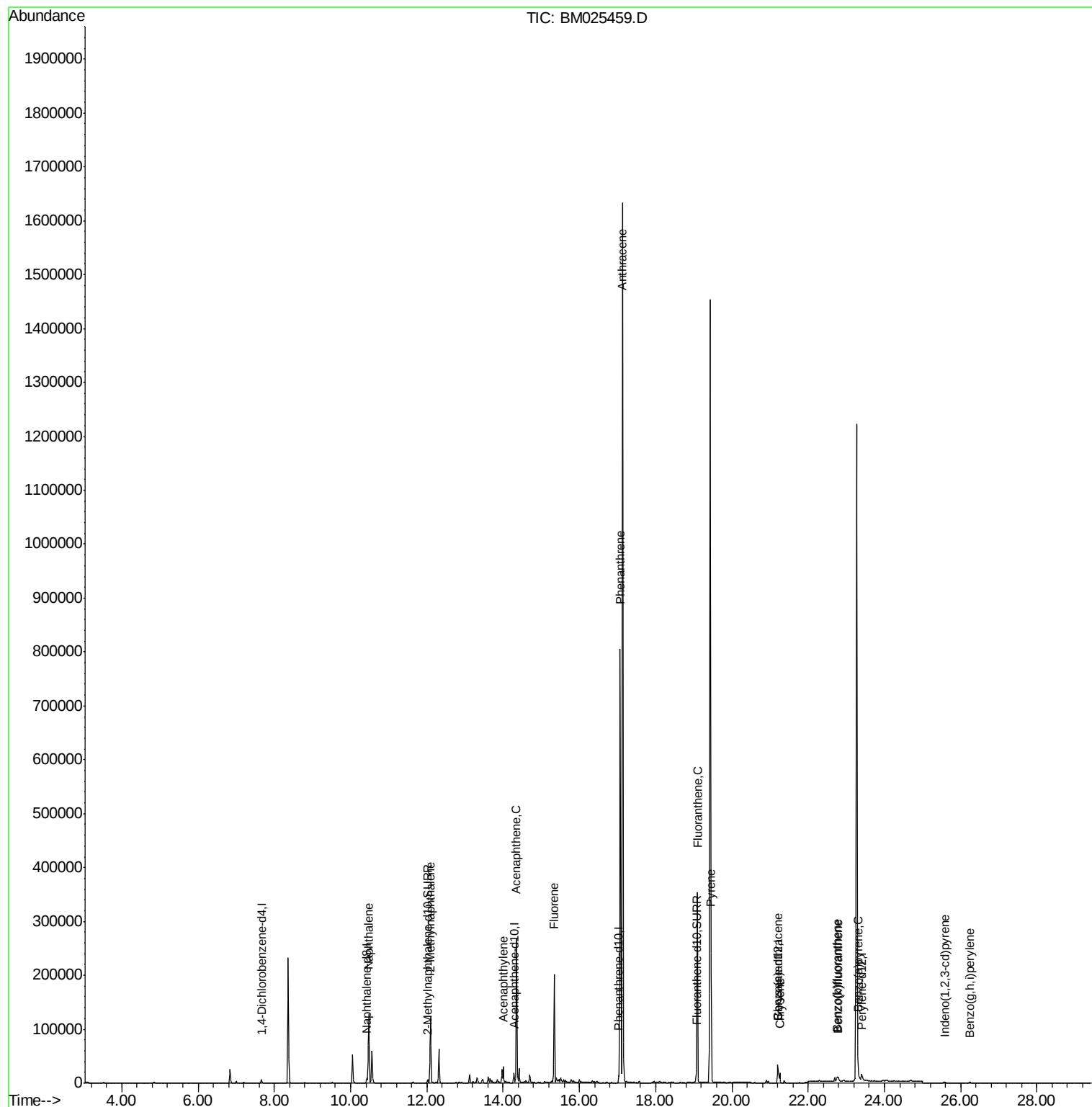
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12609	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8997	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	17811m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15217	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	16495	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7500	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	17197	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	167454	4.486	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	85725	3.213	ng/ul	100
7) Acenaphthylene	14.01	152	6754	0.184	ng/ul#	94
8) Acenaphthene	14.35	153	150868	4.679	ng/ul	98
9) Fluorene	15.34	166	123835	3.152	ng/ul	99
12) Phenanthrene	17.07	178	838384	14.853	ng/ul	100
13) Anthracene	17.13	178	151342	3.081	ng/ul#	1
15) Fluoranthene	19.09	202	302590	4.945	ng/ul	100
17) Pyrene	19.45	202	195649	2.865	ng/ul	100
18) Benzo(a)anthracene	21.21	228	26352	0.484	ng/ul	99
19) Chrysene	21.26	228	18077	0.296	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	13583m	0.208	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	6006m	0.088	ng/ul	
23) Benzo(a)pyrene	23.31	252	7662	0.141	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.58	276	2714	0.037	ng/ul#	92
26) Benzo(a,h,i)perylene	26.24	276	2101	0.033	ng/ul#	76

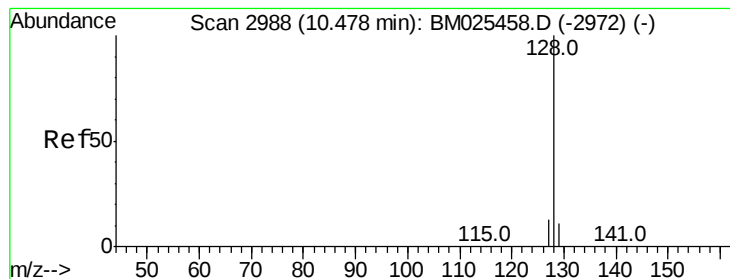
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 4.486 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

Instrument :

BNA_M

ClientSampleId :

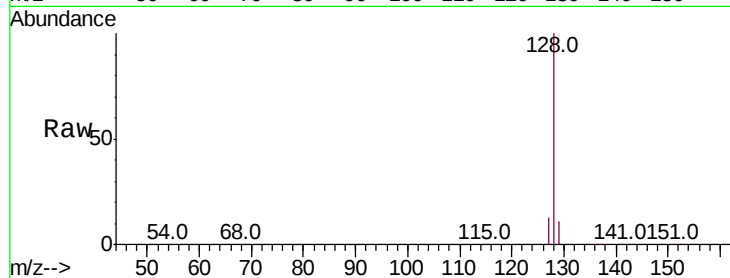
Tot Ion:128 Resp: 167454

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

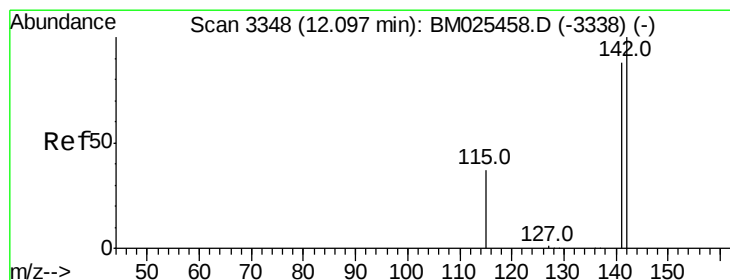
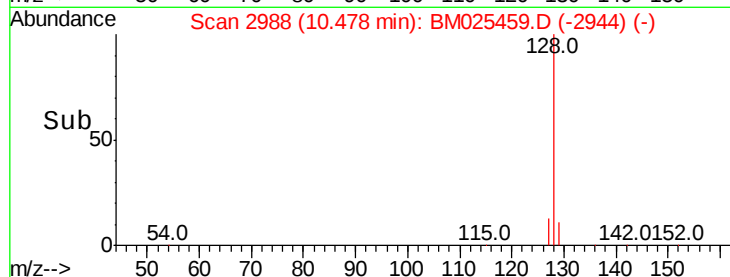
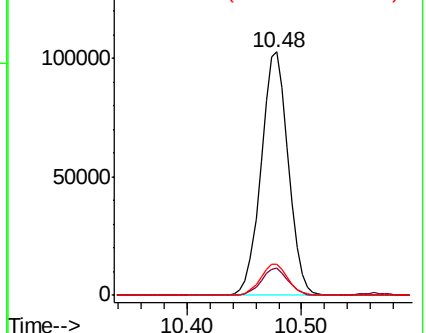
127 12.8 10.9 16.3



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: 3.213 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM025459.D

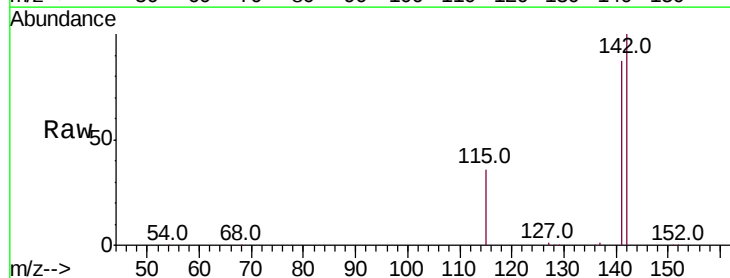
Acq: 10 Mar 2020 19:01

Tgt Ion:142 Resp: 85725

Ion Ratio Lower Upper

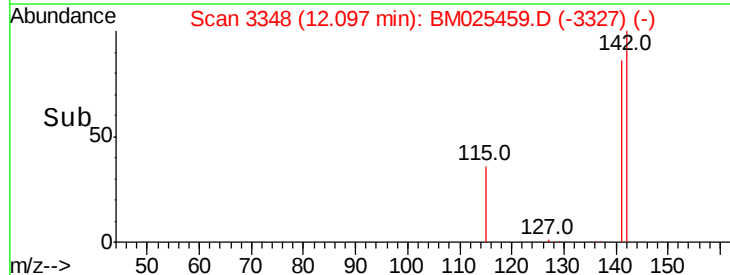
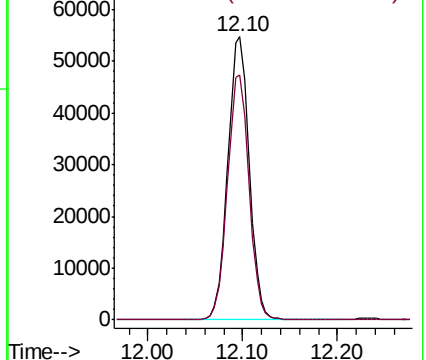
142 100

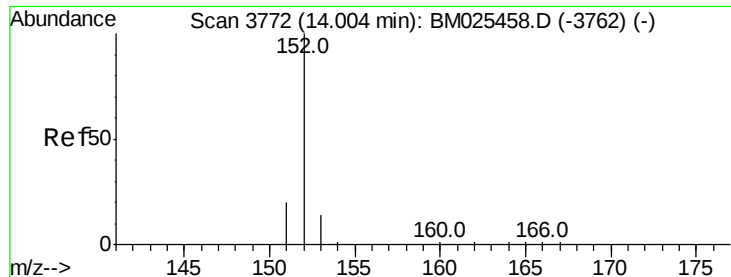
141 87.2 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.184 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

Instrument :

BNA_M

ClientSampleId :

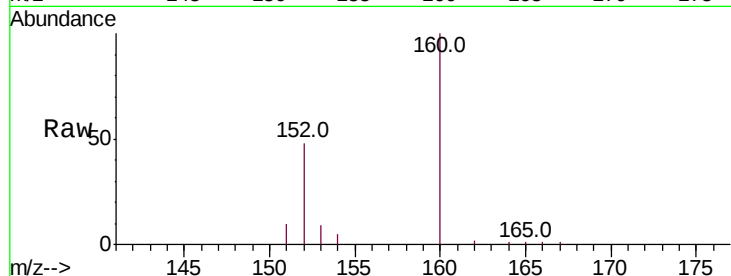
Tot Ion:152 Resp: 6754

Ion Ratio Lower Upper

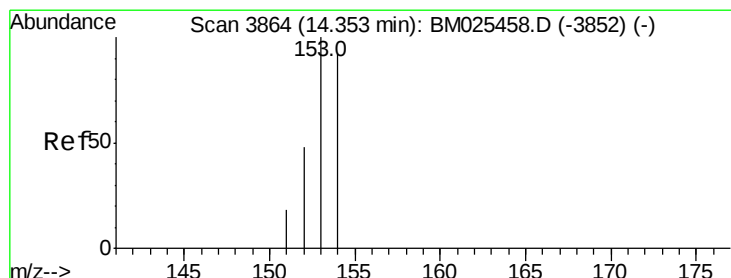
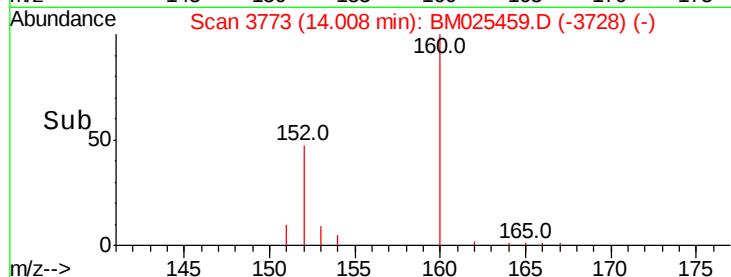
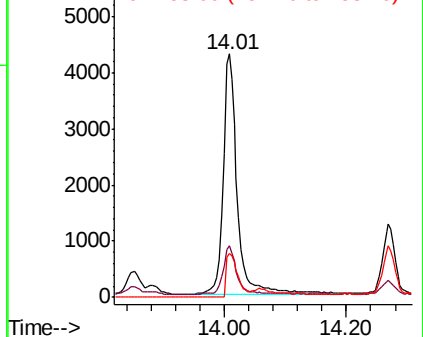
152 100

151 21.1 16.2 24.2

153 18.0 10.6 16.0#



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: 4.679 ng/ul

RT: 14.35 min Scan# 3864

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

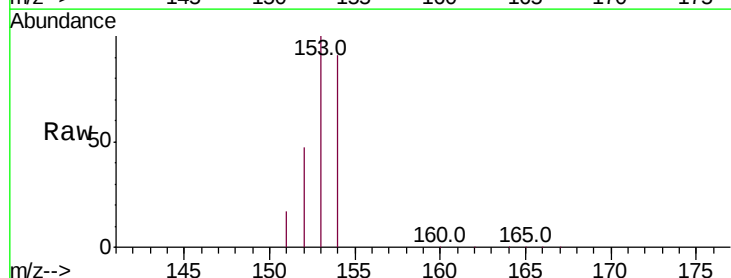
Tgt Ion:153 Resp: 150868

Ion Ratio Lower Upper

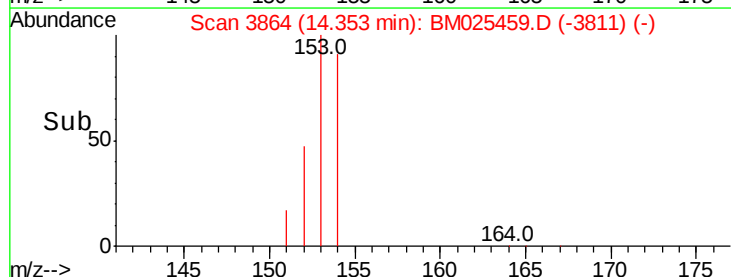
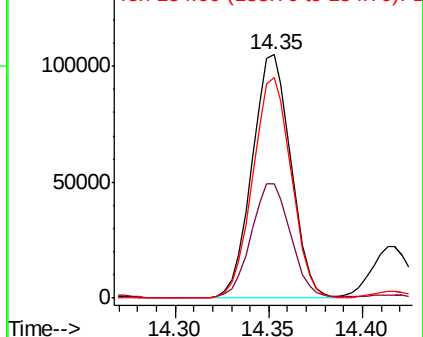
153 100

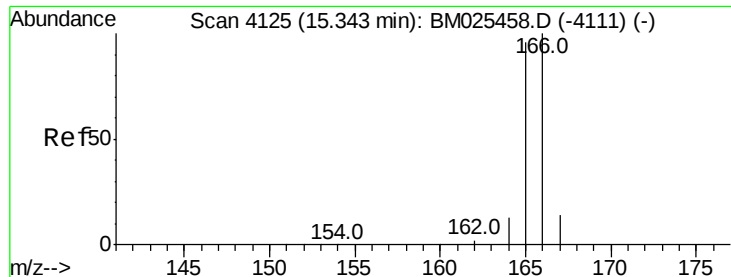
152 47.2 39.5 59.3

154 90.7 71.7 107.5



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: 3.152 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

Instrument :

BNA_M

ClientSampleId :

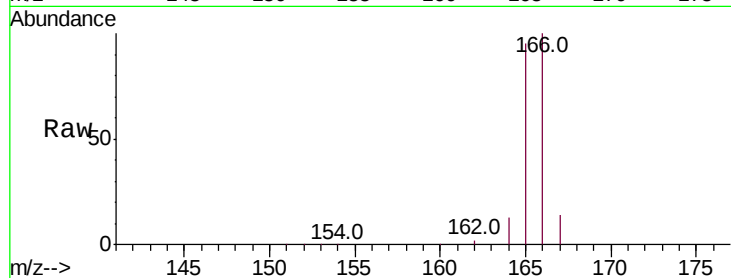
Tot Ion:166 Resp: 123835

Ion Ratio Lower Upper

166 100

165 94.8 76.8 115.2

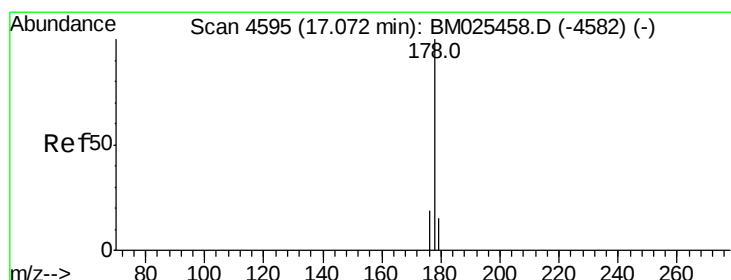
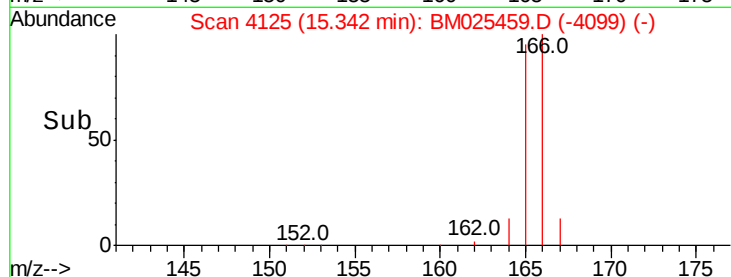
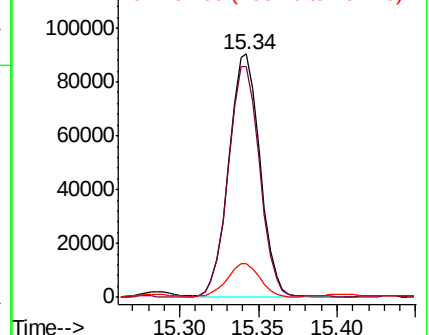
167 13.6 11.2 16.8



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



#12

Phenanthrene

Concen: 14.853 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

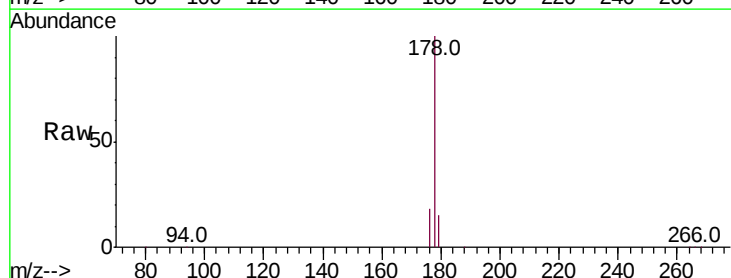
Tgt Ion:178 Resp: 838384

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

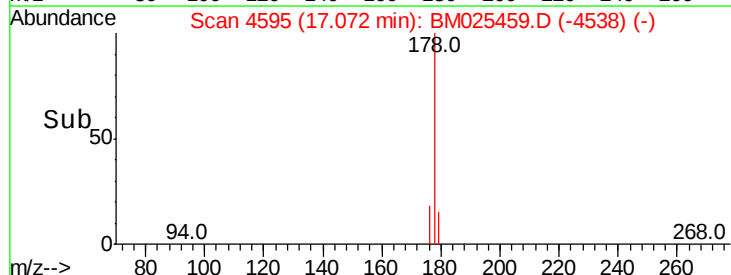
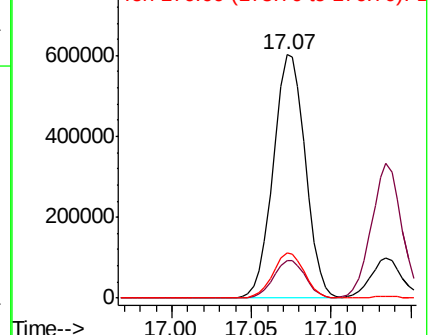
176 18.4 14.8 22.2

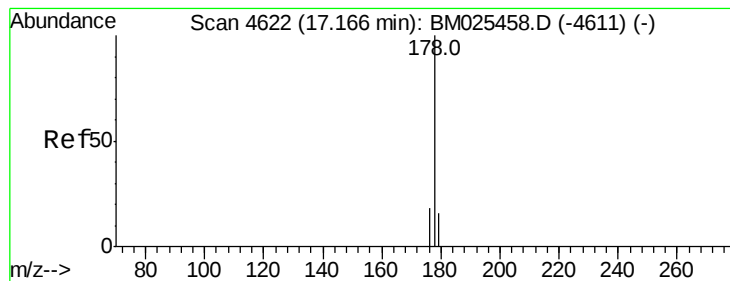


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

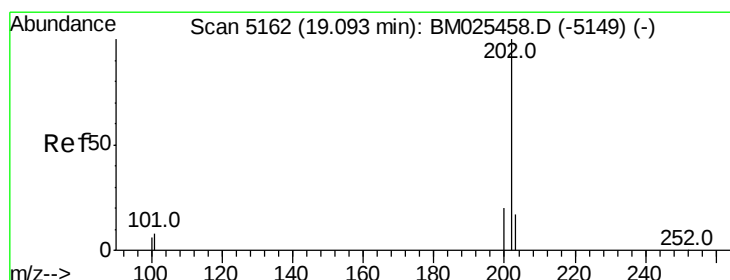
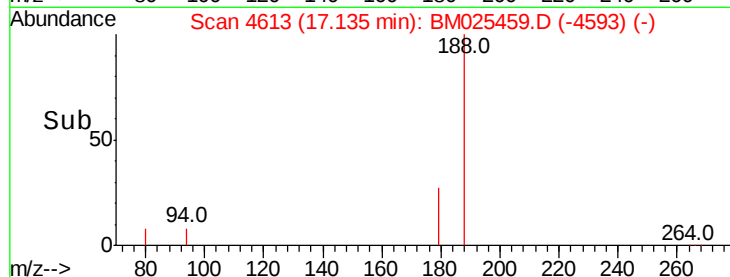
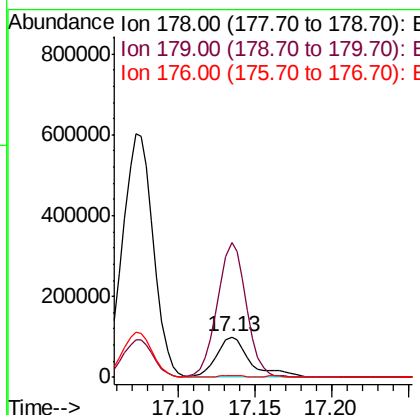
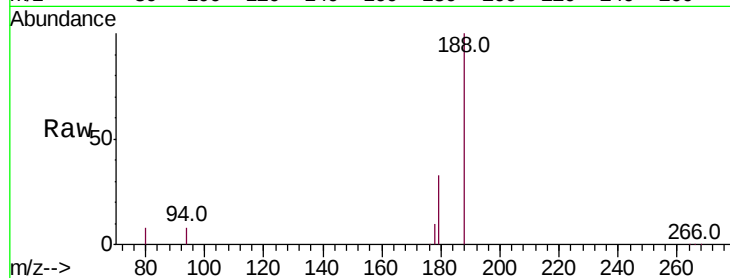




#13
 Anthracene
 Concen: 3.081 ng/ul
 RT: 17.13 min Scan# 4613
 Delta R.T. -0.03 min
 Lab File: BM025459.D
 Acq: 10 Mar 2020 19:01

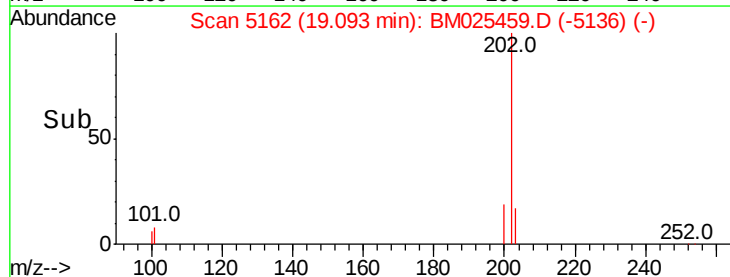
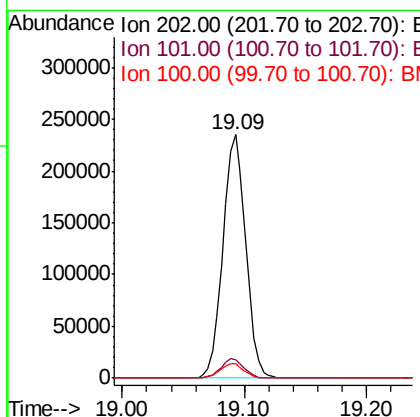
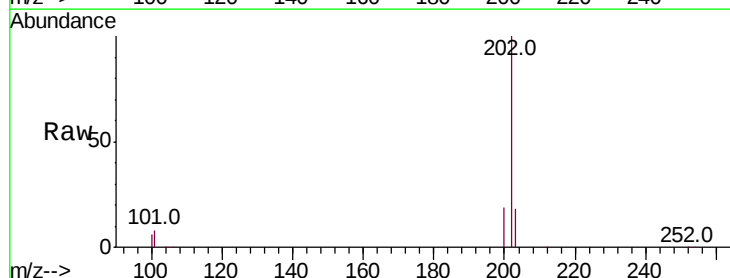
Instrument :
 BNA_M
 ClientSampleId :

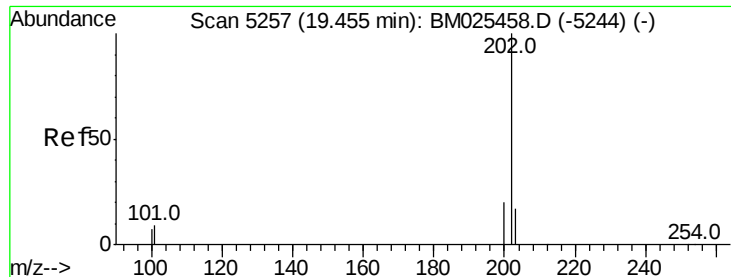
Tot Ion:178 Resp: 151342
 Ion Ratio Lower Upper
 178 100
 179 331.2 12.6 18.8#
 176 4.1 14.5 21.7#



#15
 Fluoranthene
 Concen: 4.945 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.00 min
 Lab File: BM025459.D
 Acq: 10 Mar 2020 19:01

Tgt Ion:202 Resp: 302590
 Ion Ratio Lower Upper
 202 100
 101 7.6 0.0 27.5
 100 5.9 0.0 26.0





#17

Pvrene

Concen: 2.865 ng/ul

RT: 19.45 min Scan# 5257

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

Instrument :

BNA_M

ClientSampleId :

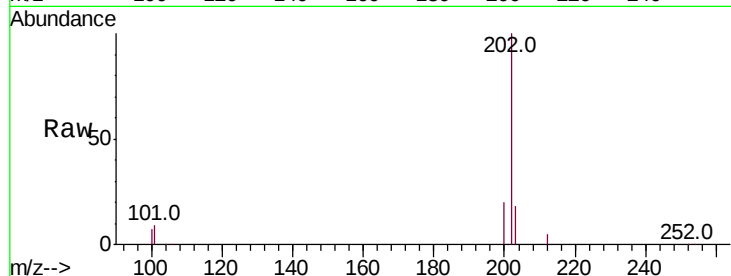
Tot Ion:202 Resp: 195649

Ion Ratio Lower Upper

202 100

101 9.0 7.1 10.7

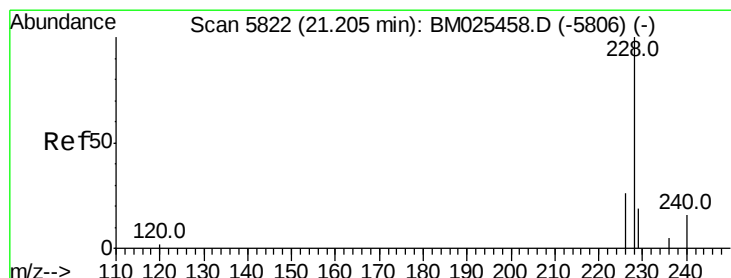
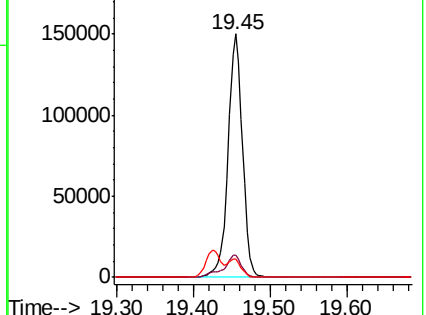
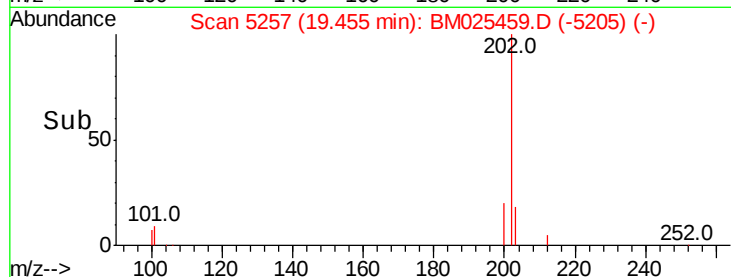
100 7.4 6.0 9.0



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: 0.484 ng/ul

RT: 21.21 min Scan# 5822

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

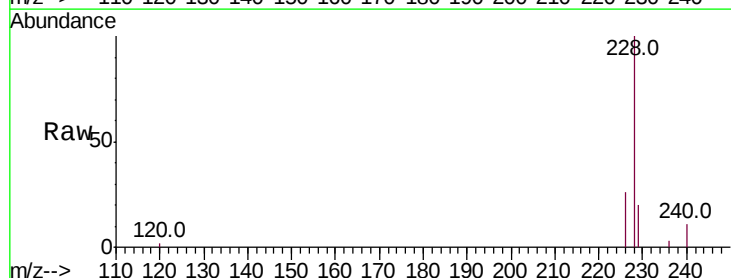
Tgt Ion:228 Resp: 26352

Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

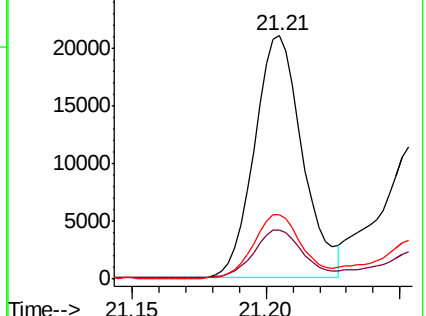
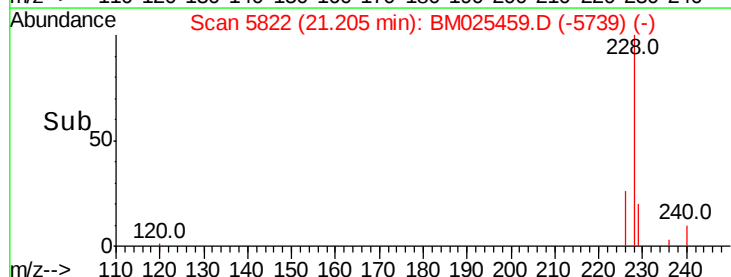
226 26.3 21.1 31.7

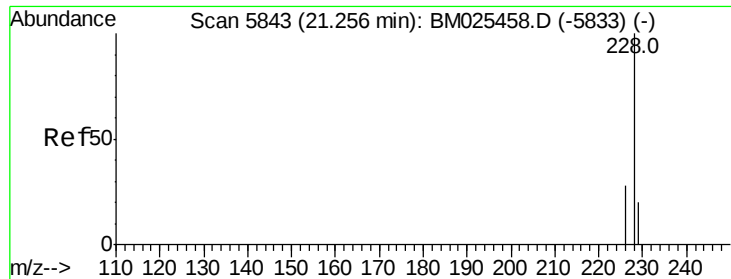


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.296 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

Instrument :

BNA_M

ClientSampleId :

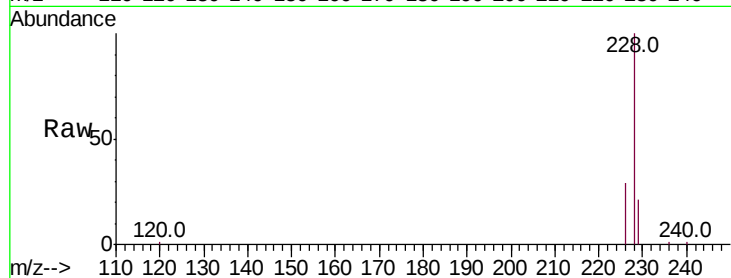
Tot Ion:228 Resp: 18077

Ion Ratio Lower Upper

228 100

226 28.7 23.6 35.4

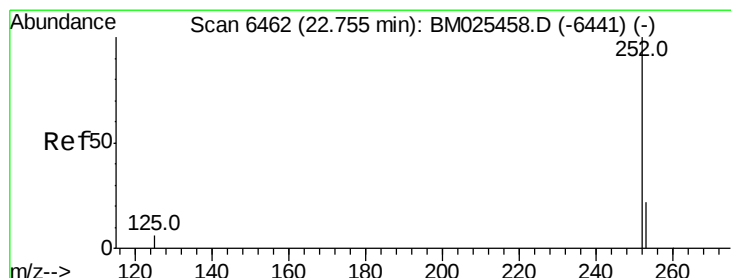
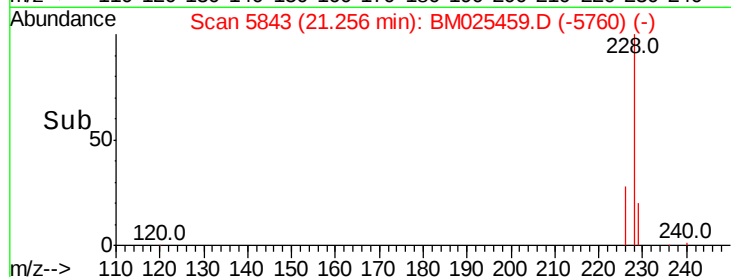
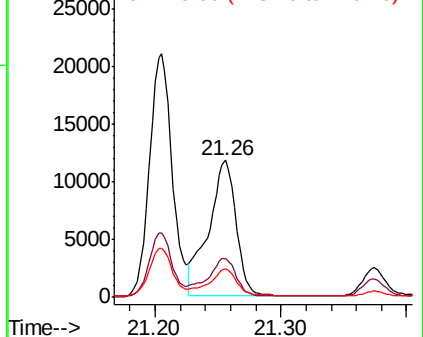
229 20.7 16.3 24.5



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: 0.208 ng/ul m

RT: 22.76 min Scan# 6463

Delta R.T. 0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

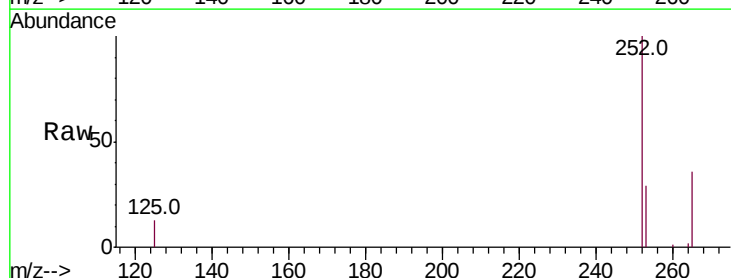
Tgt Ion:252 Resp: 13583

Ion Ratio Lower Upper

252 100

253 28.7 0.0 50.2

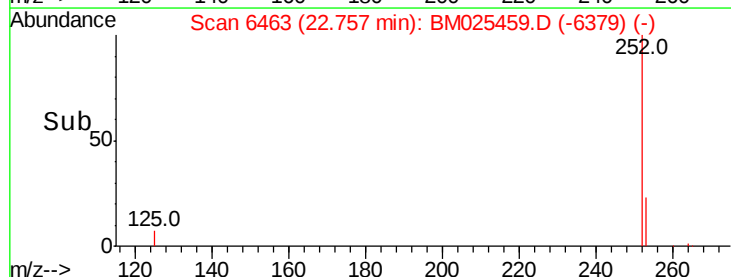
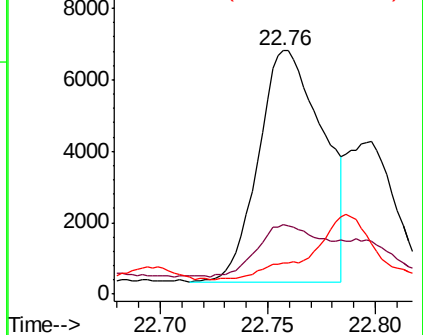
125 12.9 0.0 17.6

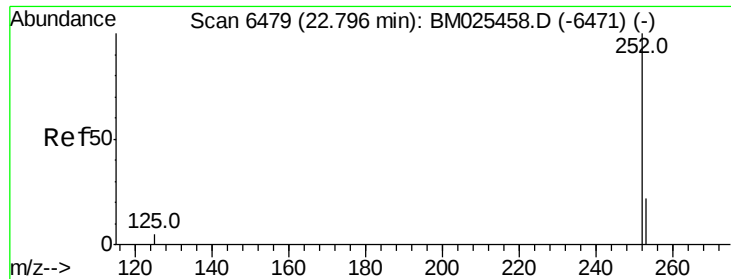


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.088 ng/ul

RT: 22.80 min Scan# 6480

Delta R.T. -0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

Instrument :

BNA_M

ClientSampled :

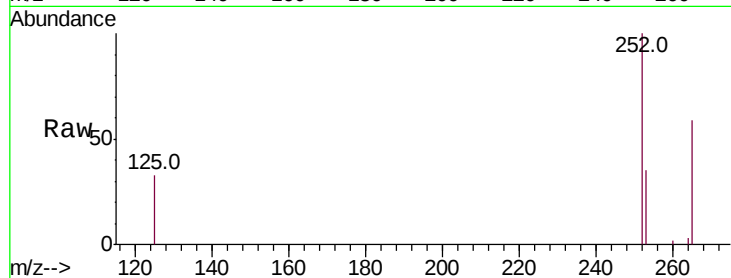
Tot Ion:252 Resp: 6006

Ion Ratio Lower Upper

252 100

253 34.6 19.8 29.8#

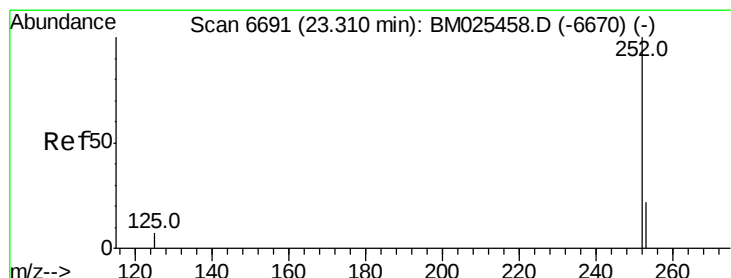
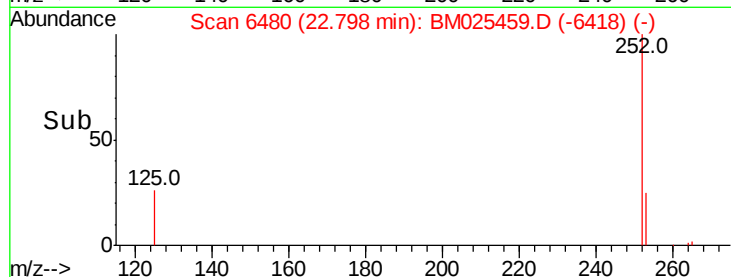
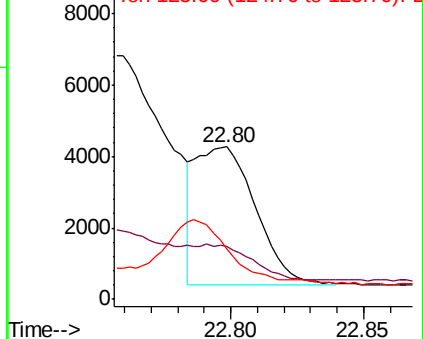
125 33.4 7.1 10.7#



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: 0.141 ng/ul

RT: 23.31 min Scan# 6692

Delta R.T. 0.00 min

Lab File: BM025459.D

Acq: 10 Mar 2020 19:01

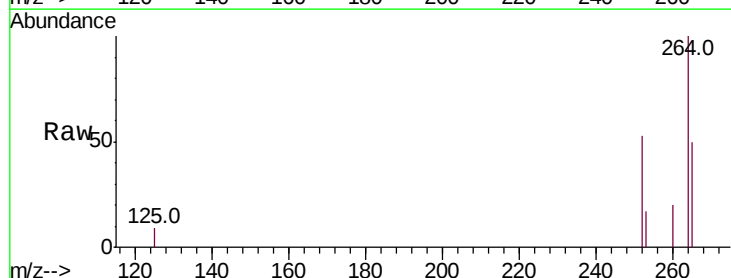
Tgt Ion:252 Resp: 7662

Ion Ratio Lower Upper

252 100

253 31.8 21.3 31.9

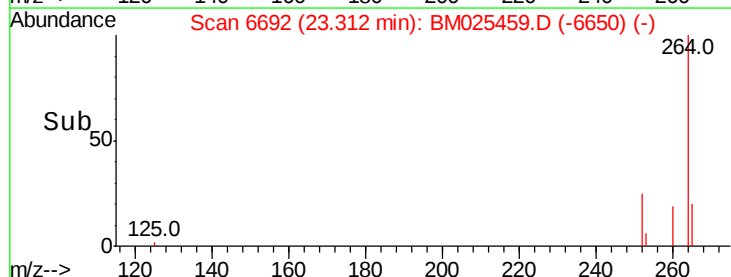
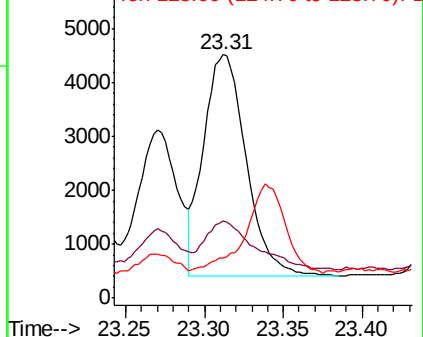
125 16.3 8.5 12.7#

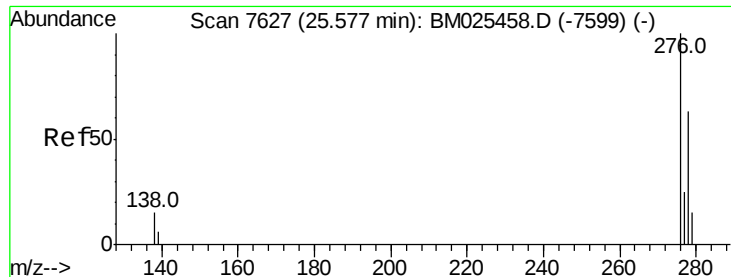


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



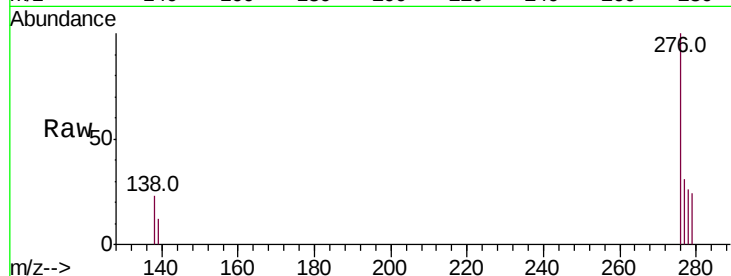


#24

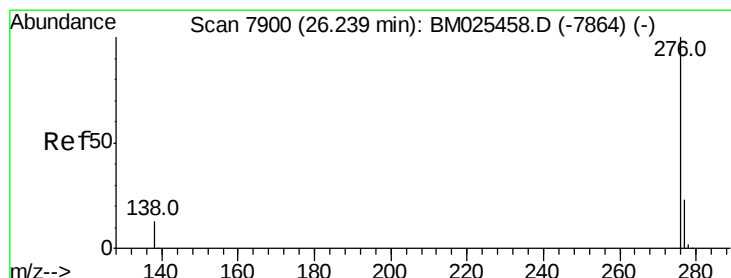
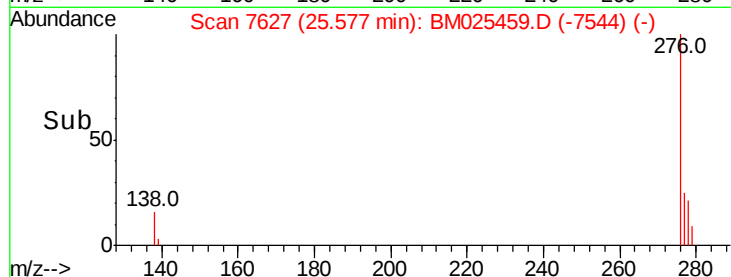
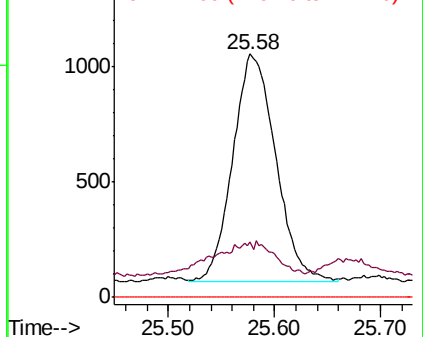
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. -0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 2714
Ion Ratio Lower Upper
276 100
138 12.0 12.3 18.5#
227 0.0 0.0 0.0



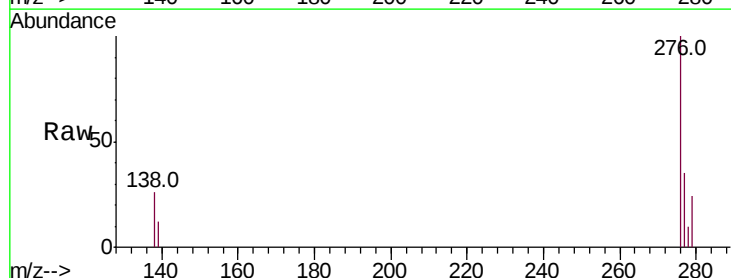
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.033 ng/ul
RT: 26.24 min Scan# 7901
Delta R.T. 0.00 min
Lab File: BM025459.D
Acq: 10 Mar 2020 19:01

Tgt Ion:276 Resp: 2101
Ion Ratio Lower Upper
276 100
138 26.1 11.0 16.4#
277 34.5 19.8 29.6#



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

