

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022020\
 Data File : BM024982.D
 Acq On : 20 Feb 2020 17:04
 Operator : CG/JU
 Sample : SST00.277
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 21 01:41:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 01:39:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	2394	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	10458	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	7520	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.79	188	14580	0.40	ng/ul	0.00
16) Chrysene-d12	21.00	240	15106	0.40	ng/ul	0.00
20) Perylene-d12	23.10	264	15659	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	3601	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.83	212	8725	0.22	ng/ul	0.00

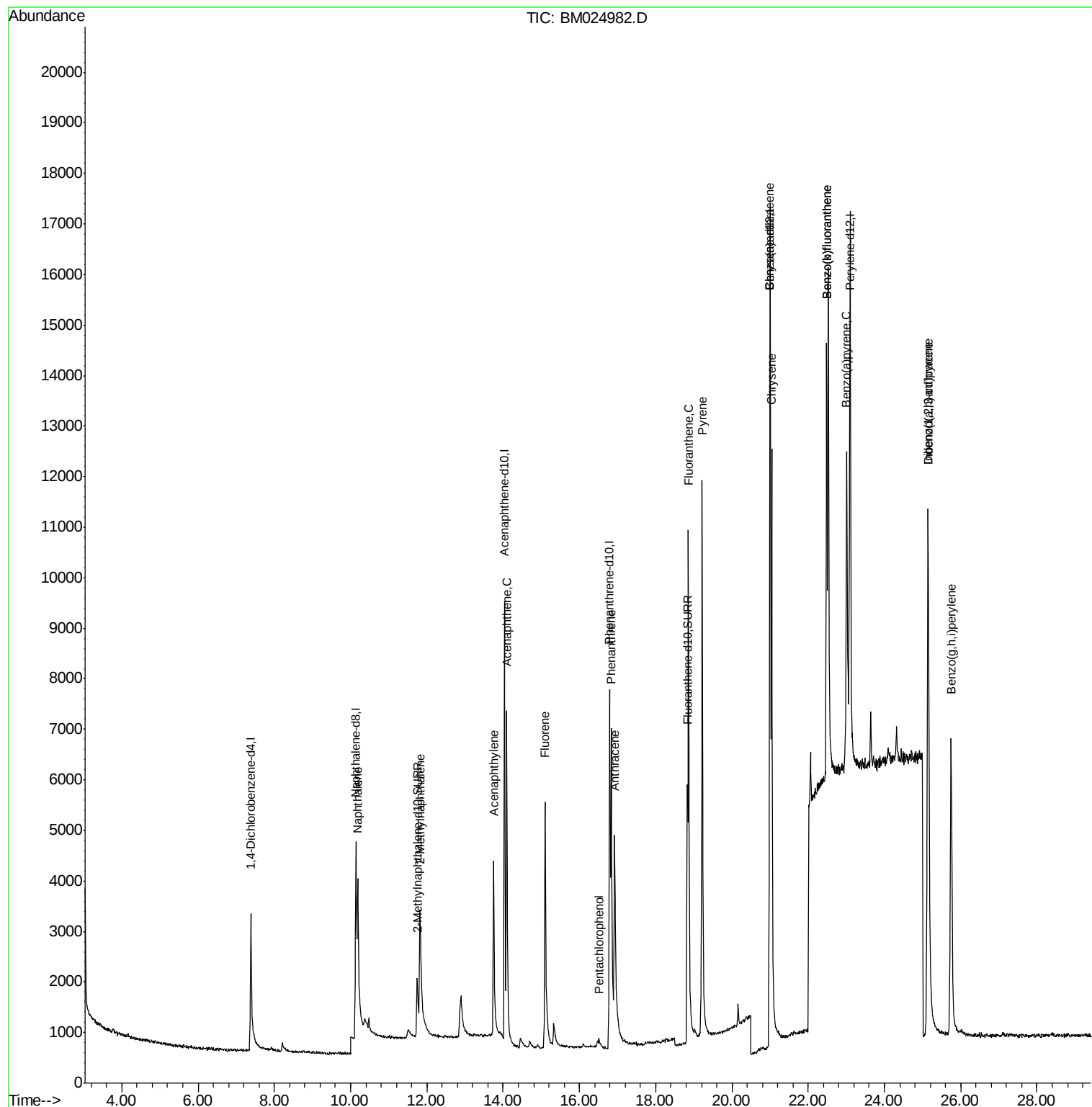
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	5963	0.200	ng/ul	96
5) 2-Methylnaphthalene	11.82	142	3992	0.195	ng/ul	98
7) Acenaphthylene	13.75	152	6437	0.185	ng/ul	97
8) Acenaphthene	14.09	153	5241	0.180	ng/ul	98
9) Fluorene	15.10	166	5382	0.161	ng/ul	98
11) Pentachlorophenol	16.51	266	1538	0.520	ng/ul	94
12) Phenanthrene	16.83	178	8502	0.183	ng/ul	97
13) Anthracene	16.93	178	7307	0.183	ng/ul	97
15) Fluoranthene	18.86	202	11332	0.226	ng/ul	98
17) Pyrene	19.22	202	12107	0.177	ng/ul	98
18) Benzo(a)anthracene	20.99	228	10020	0.173	ng/ul	98
19) Chrysene	21.04	228	13587	0.223	ng/ul	99
21) Benzo(b)fluoranthene	22.49	252	11443	0.168	ng/ul	90
22) Benzo(k)fluoranthene	22.49	252	11443	0.165	ng/ul	95
23) Benzo(a)pyrene	23.01	252	11768	0.198	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.14	276	15243	0.210	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.15	278	12416	0.212	ng/ul	96
26) Benzo(g,h,i)perylene	25.75	276	13629	0.236	ng/ul	97

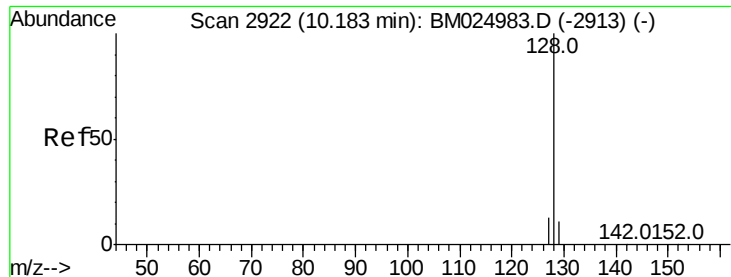
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022020\
Data File : BM024982.D
Acq On : 20 Feb 2020 17:04
Operator : CG/JU
Sample : SST00.277
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 21 01:41:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 01:39:01 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.200 ng/ul

RT: 10.19 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

Instrument :

BNA_M

ClientSampleId :

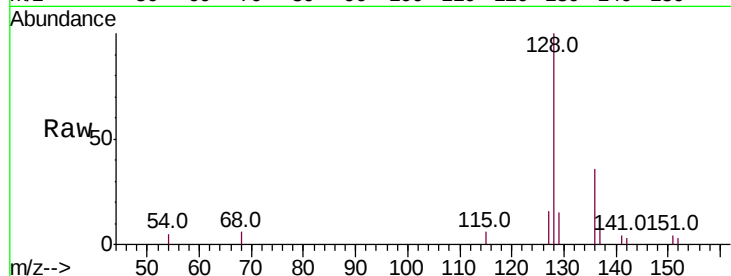
Tot Ion:128 Resp: 5963

Ion Ratio Lower Upper

128 100

129 14.6 9.8 14.6

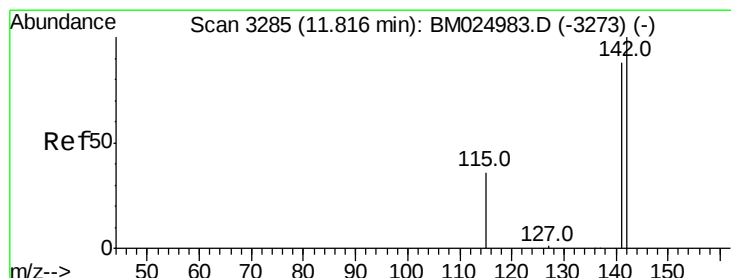
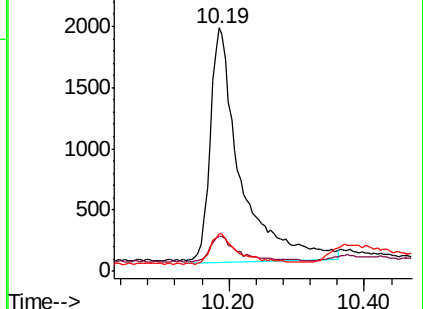
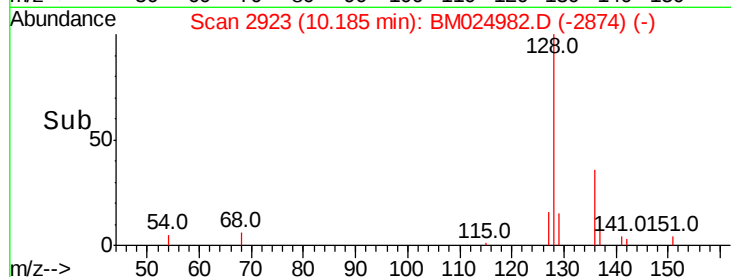
127 15.6 11.5 17.3



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: 0.195 ng/ul

RT: 11.82 min Scan# 3287

Delta R.T. 0.01 min

Lab File: BM024982.D

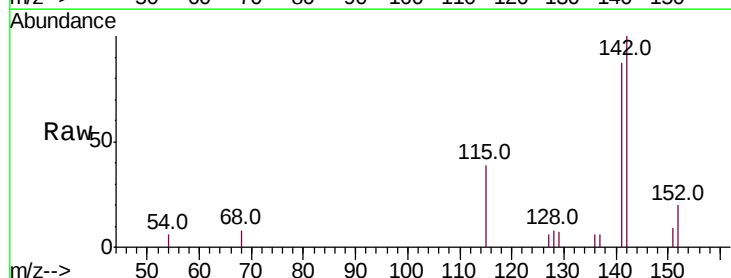
Acq: 20 Feb 2020 17:04

Tgt Ion:142 Resp: 3992

Ion Ratio Lower Upper

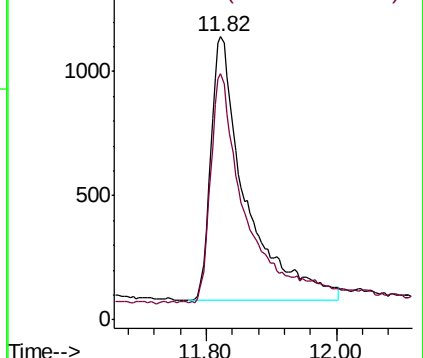
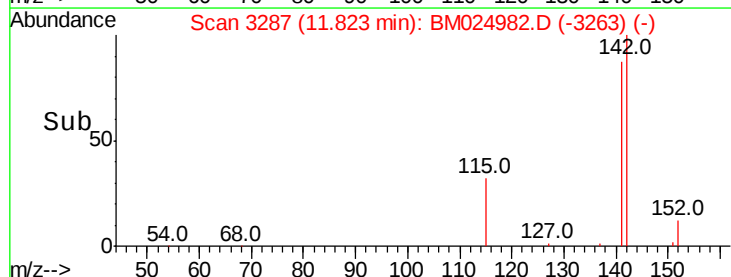
142 100

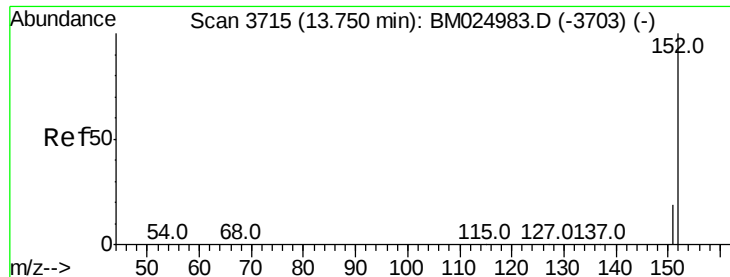
141 88.2 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.185 ng/ul

RT: 13.75 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

Instrument :

BNA_M

ClientSampleId :

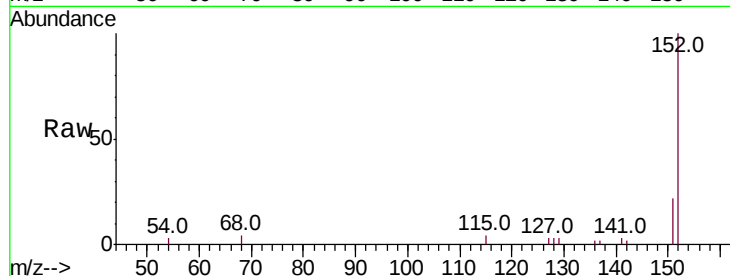
Tot Ion:152 Resp: 6437

Ion Ratio Lower Upper

152 100

151 21.5 16.1 24.1

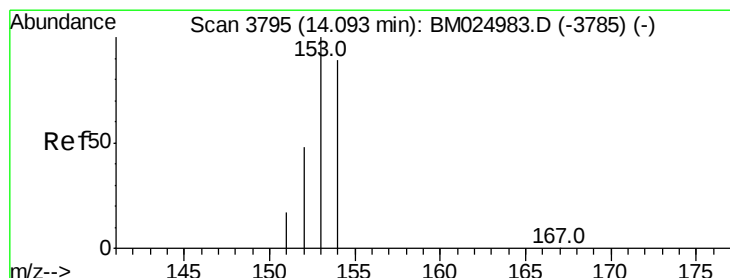
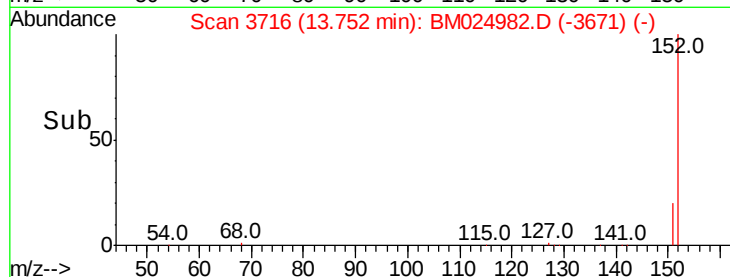
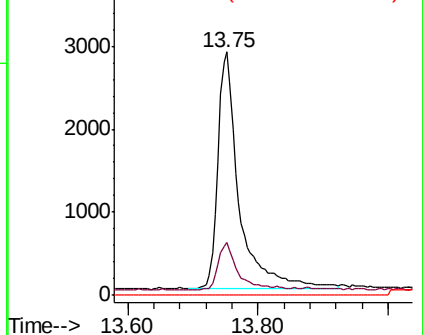
153 0.0 0.0 0.0



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: 0.180 ng/ul

RT: 14.09 min Scan# 3796

Delta R.T. 0.00 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

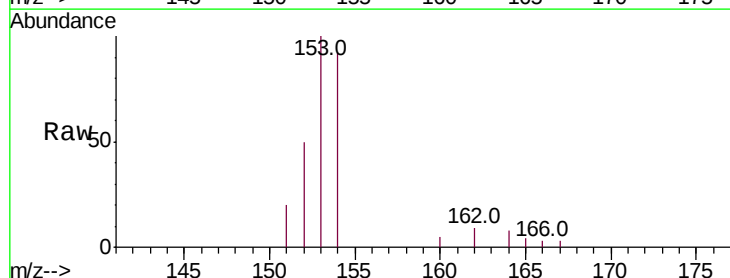
Tgt Ion:153 Resp: 5241

Ion Ratio Lower Upper

153 100

152 50.4 39.8 59.6

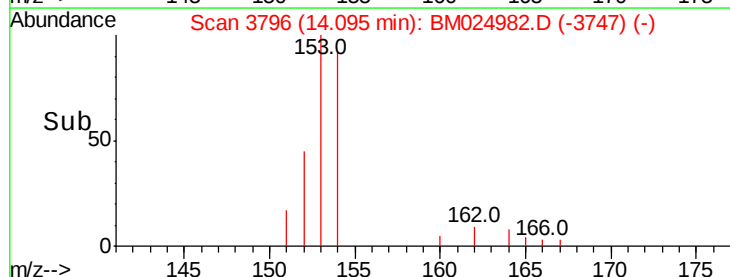
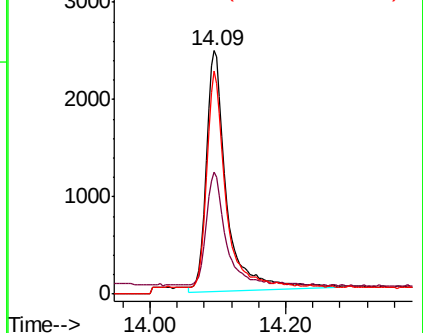
154 91.5 71.8 107.6

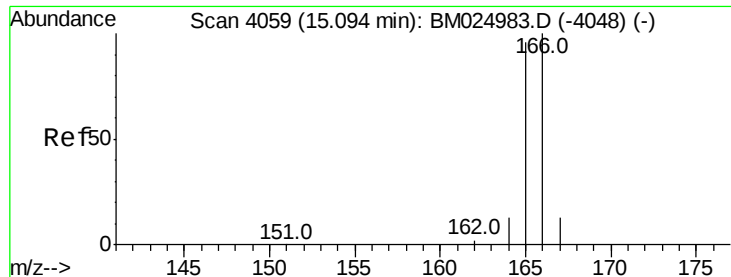


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

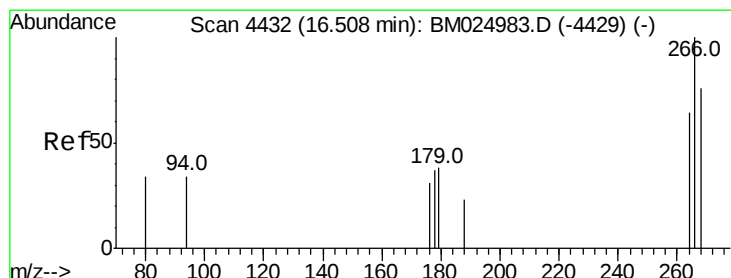
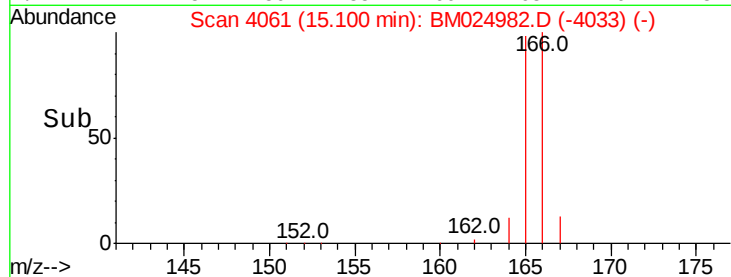
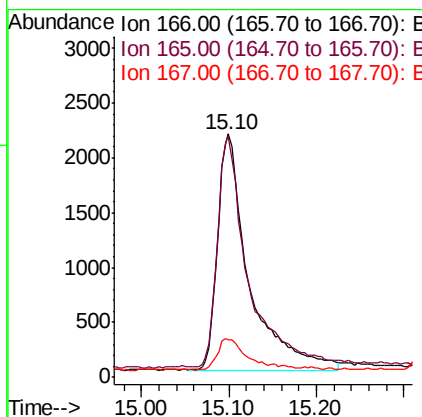
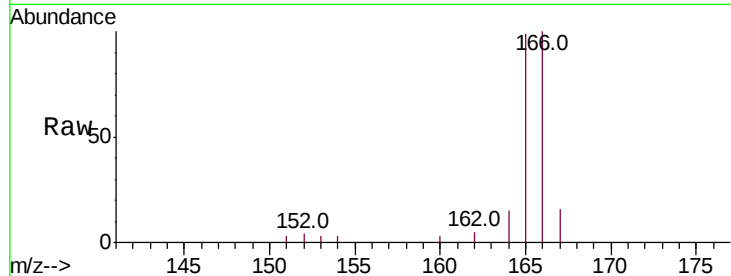




#9
Fluorene
 Concen: 0.161 ng/ul
 RT: 15.10 min Scan# 4061
 Delta R.T. 0.01 min
 Lab File: BM024982.D
 Acq: 20 Feb 2020 17:04

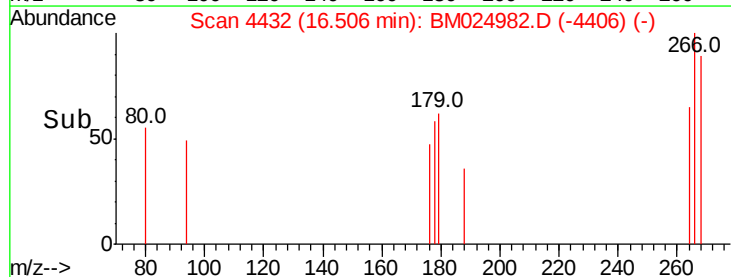
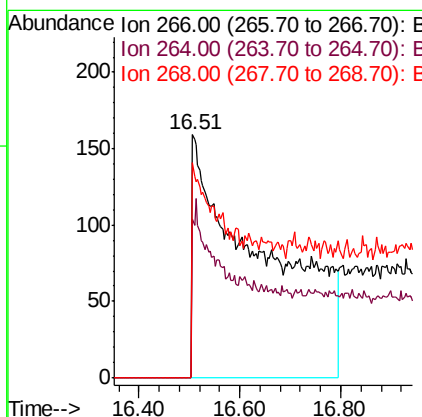
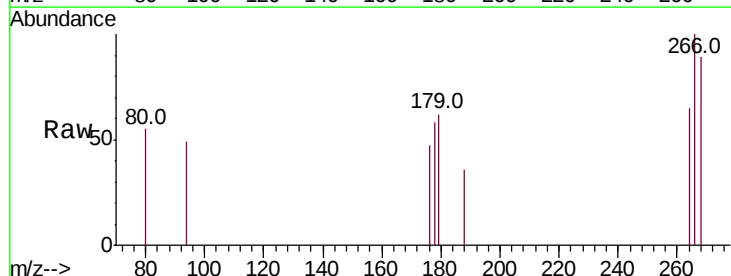
Instrument :
 BNA_M
 ClientSampleId :

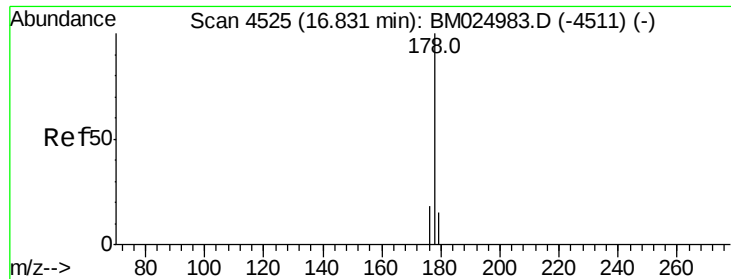
Tot Ion:166 Resp: 5382
 Ion Ratio Lower Upper
 166 100
 165 99.2 77.5 116.3
 167 15.6 11.5 17.3



#11
Pentachlorophenol
 Concen: 0.520 ng/ul
 RT: 16.51 min Scan# 4432
 Delta R.T. -0.00 min
 Lab File: BM024982.D
 Acq: 20 Feb 2020 17:04

Tgt Ion:266 Resp: 1538
 Ion Ratio Lower Upper
 266 100
 264 72.7 56.9 85.3
 268 106.2 77.6 116.4

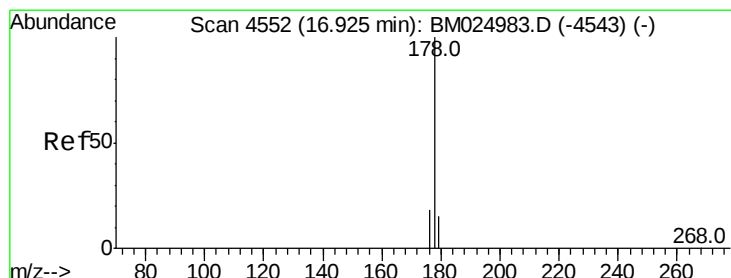
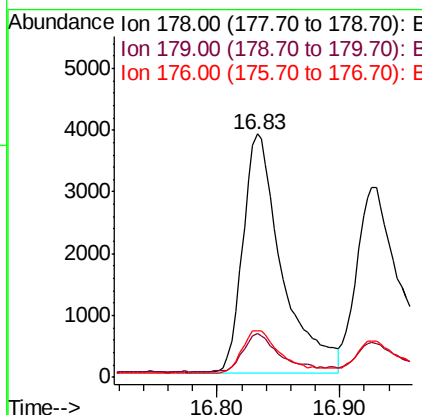
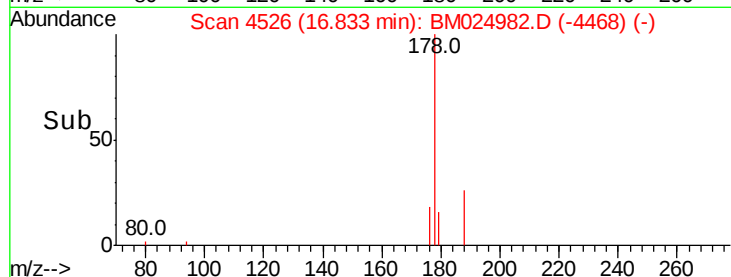
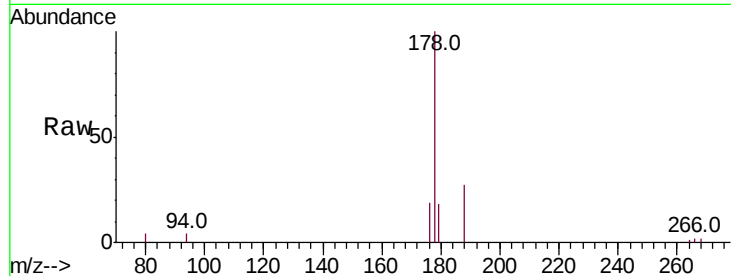




#12
Phenanthrene
Concen: 0.183 ng/ul
RT: 16.83 min Scan# 4526
Delta R.T. 0.00 min
Lab File: BM024982.D
Acq: 20 Feb 2020 17:04

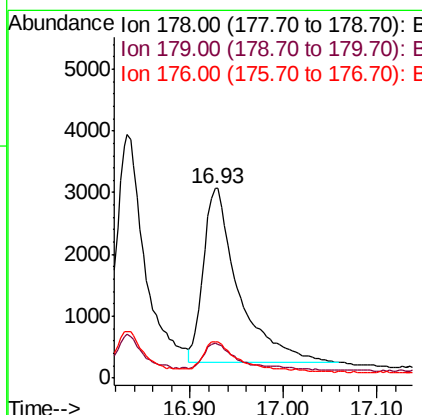
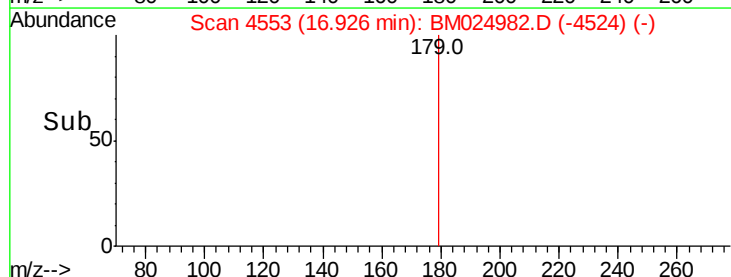
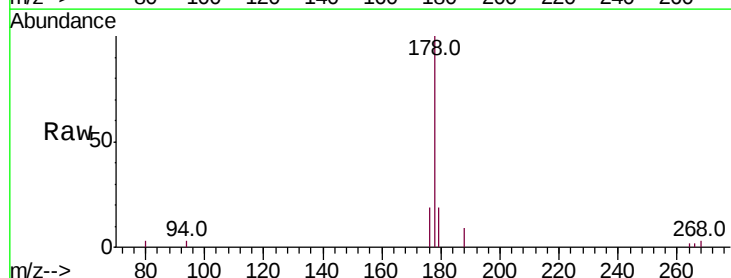
Instrument :
BNA_M
ClientSampleId :

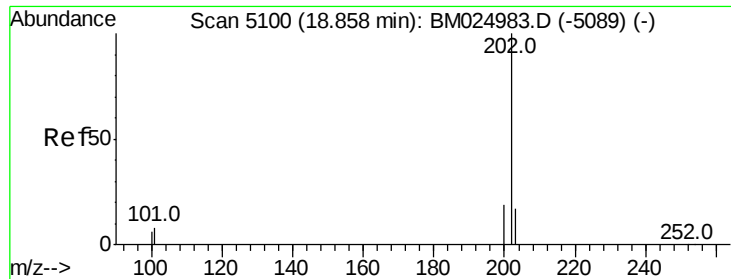
Tot Ion:178 Resp: 8502
Ion Ratio Lower Upper
178 100
179 18.2 12.8 19.2
176 19.3 15.1 22.7



#13
Anthracene
Concen: 0.183 ng/ul
RT: 16.93 min Scan# 4553
Delta R.T. 0.00 min
Lab File: BM024982.D
Acq: 20 Feb 2020 17:04

Tgt Ion:178 Resp: 7307
Ion Ratio Lower Upper
178 100
179 18.8 13.3 19.9
176 19.2 15.0 22.4

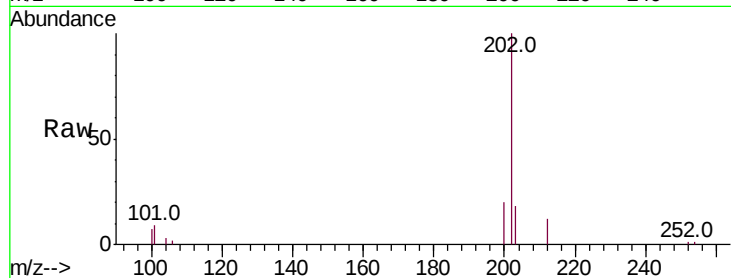




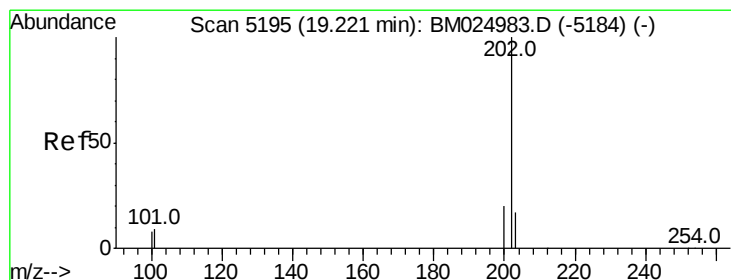
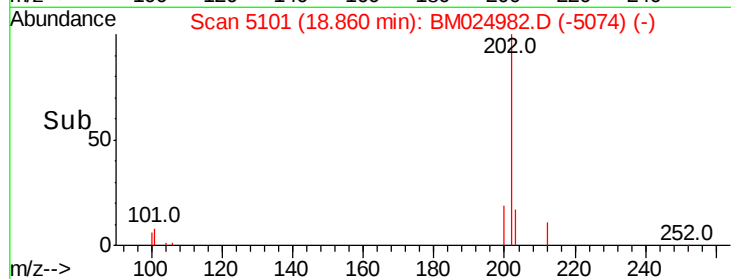
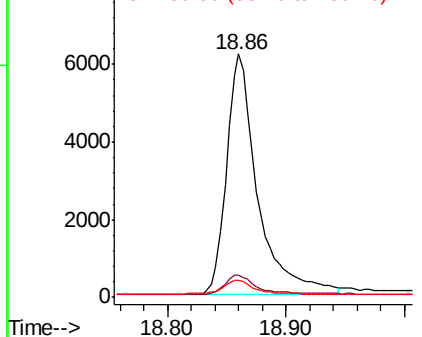
#15
 Fluoranthene
 Concen: 0.226 ng/ul
 RT: 18.86 min Scan# 5101
 Delta R.T. 0.00 min
 Lab File: BM024982.D
 Acq: 20 Feb 2020 17:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.5
100	7.2	0.0	26.6

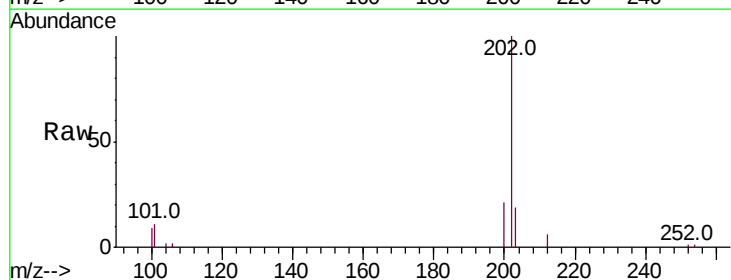


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

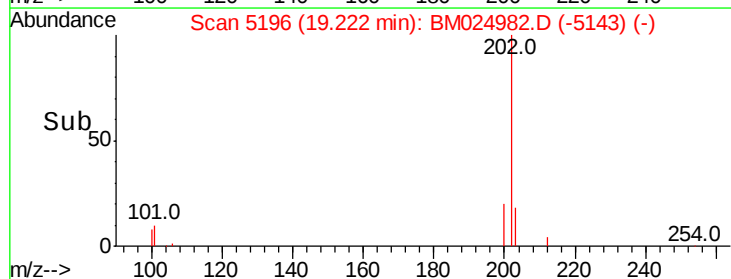
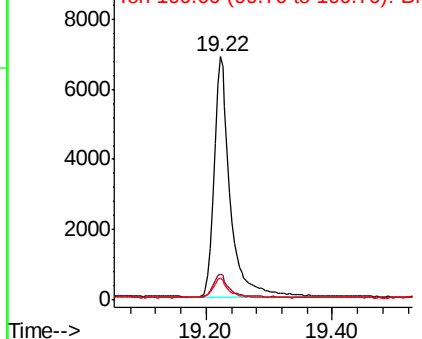


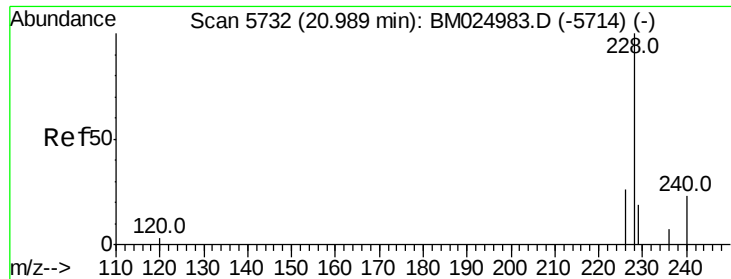
#17
 Pyrene
 Concen: 0.177 ng/ul
 RT: 19.22 min Scan# 5196
 Delta R.T. 0.00 min
 Lab File: BM024982.D
 Acq: 20 Feb 2020 17:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.9	11.9
100	9.1	6.6	9.8



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: 0.173 ng/ul

RT: 20.99 min Scan# 5733

Delta R.T. 0.00 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

Instrument :

BNA_M

ClientSampleId :

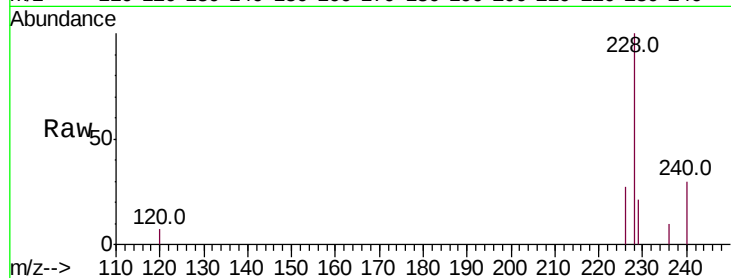
Tot Ion:228 Resp: 10020

Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.8

226 27.4 21.1 31.7

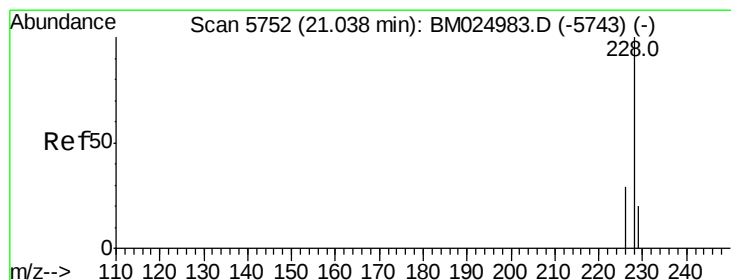
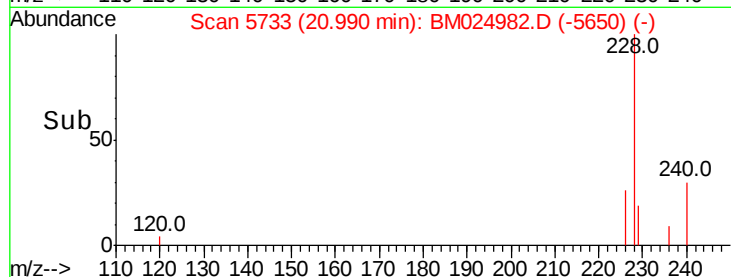
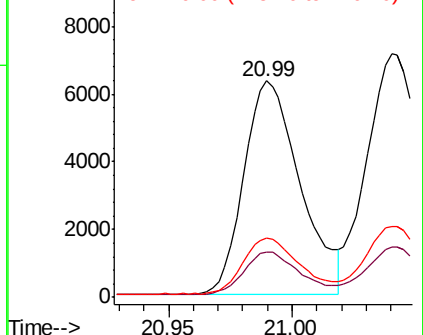


Abundance

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: 0.223 ng/ul

RT: 21.04 min Scan# 5754

Delta R.T. 0.00 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

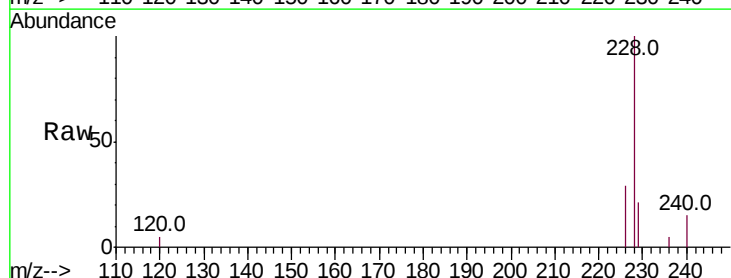
Tgt Ion:228 Resp: 13587

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

229 20.6 16.2 24.4

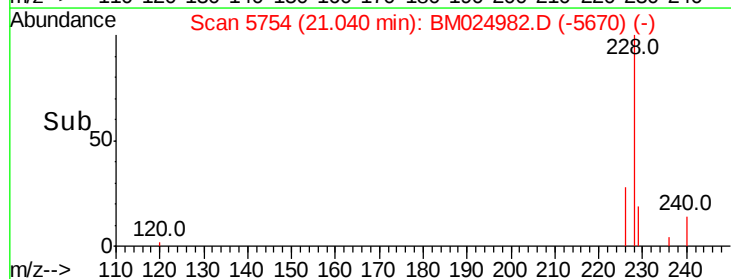
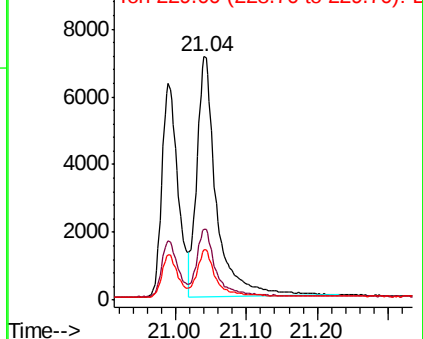


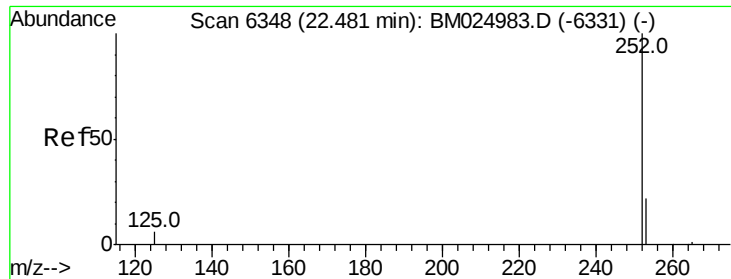
Abundance

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: 0.168 ng/ul

RT: 22.49 min Scan# 6351

Delta R.T. 0.00 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

Instrument :

BNA_M

ClientSampleId :

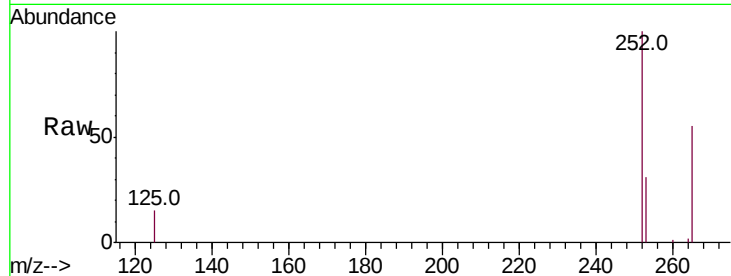
Tot Ion:252 Resp: 11443

Ion Ratio Lower Upper

252 100

253 30.8 0.0 52.6

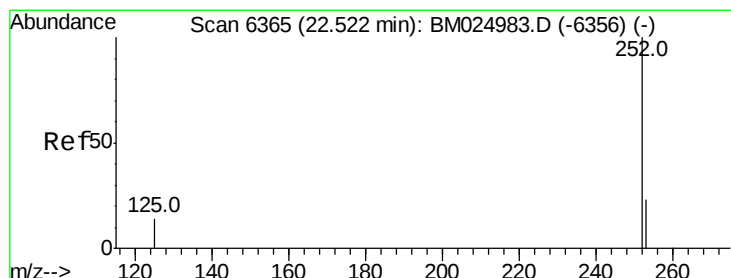
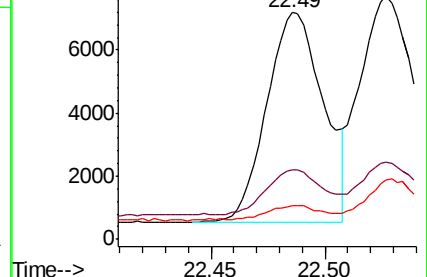
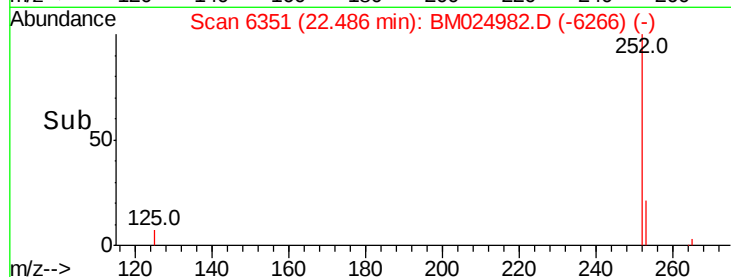
125 15.0 0.0 21.0



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



#22

Benzo(k)fluoranthene

Concen: 0.165 ng/ul

RT: 22.49 min Scan# 6351

Delta R.T. -0.04 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

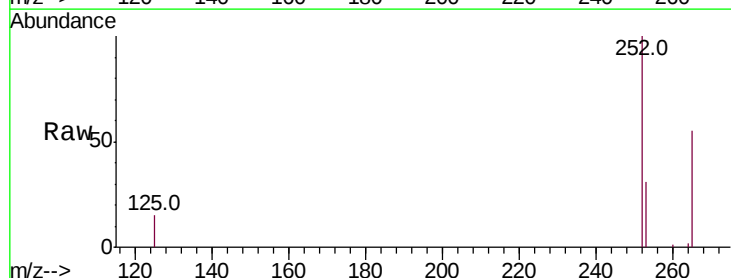
Tgt Ion:252 Resp: 11443

Ion Ratio Lower Upper

252 100

253 30.8 21.7 32.5

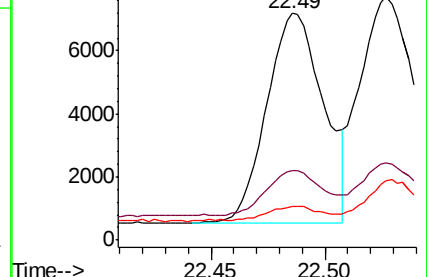
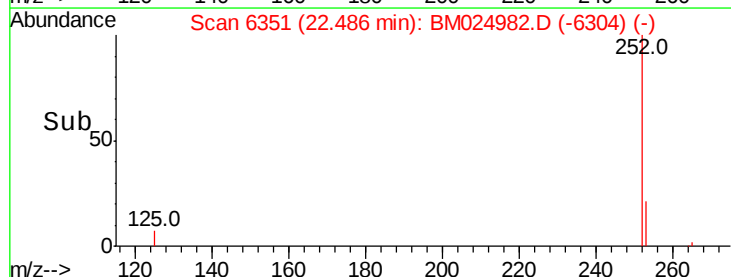
125 15.0 11.8 17.8

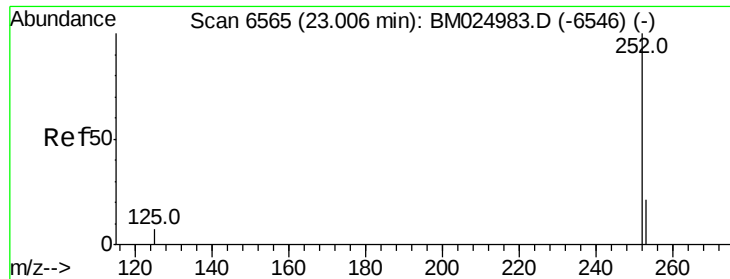


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.198 ng/ul

RT: 23.01 min Scan# 6567

Delta R.T. 0.00 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

Instrument :

BNA_M

ClientSampleId :

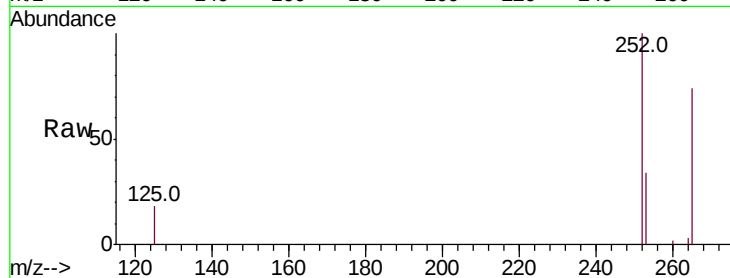
Tot Ion:252 Resp: 11768

Ion Ratio Lower Upper

252 100

253 34.2 22.3 33.5#

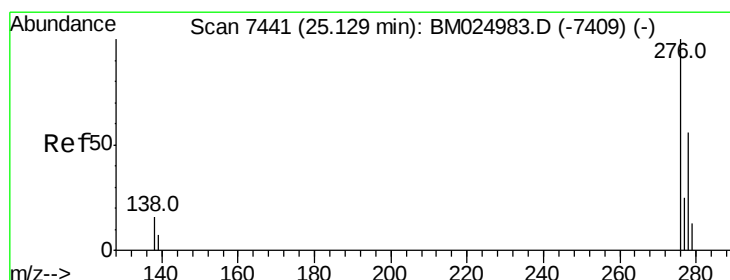
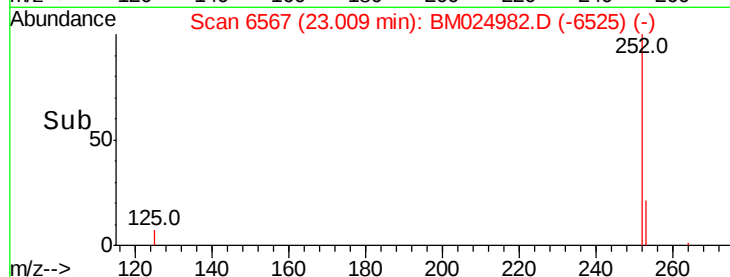
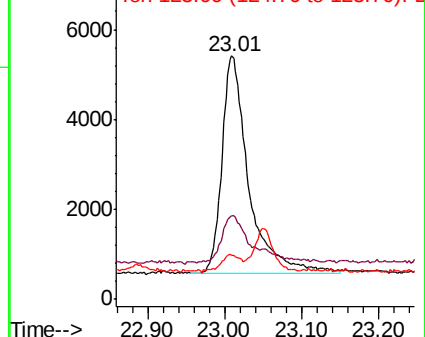
125 18.1 10.2 15.4#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.210 ng/ul

RT: 25.14 min Scan# 7447

Delta R.T. 0.01 min

Lab File: BM024982.D

Acq: 20 Feb 2020 17:04

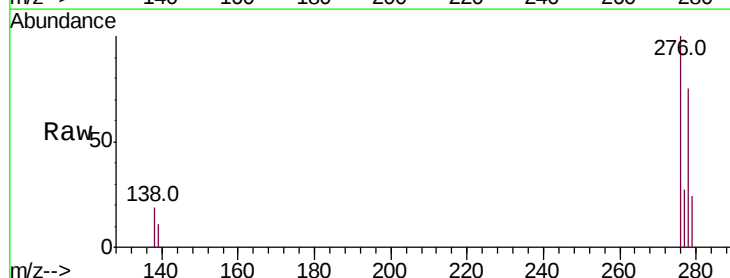
Tgt Ion:276 Resp: 15243

Ion Ratio Lower Upper

276 100

138 21.2 9.6 14.4#

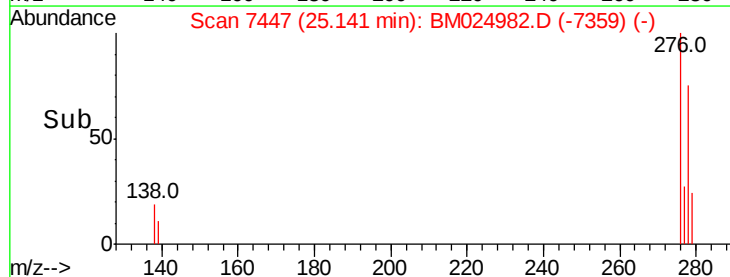
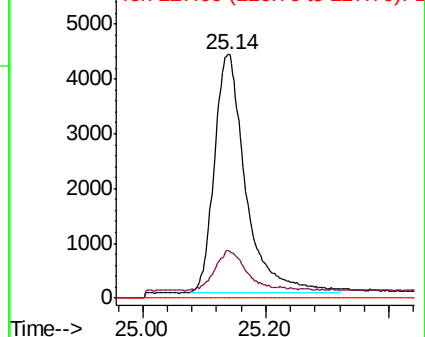
227 0.0 0.0 0.0

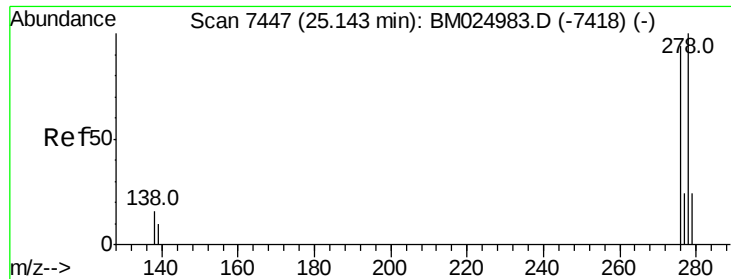


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

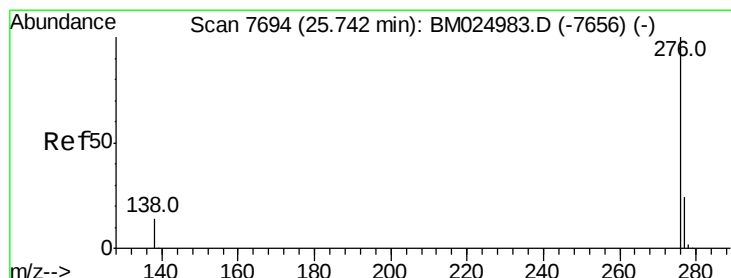
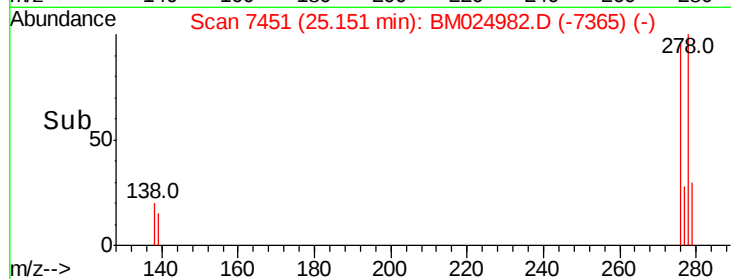
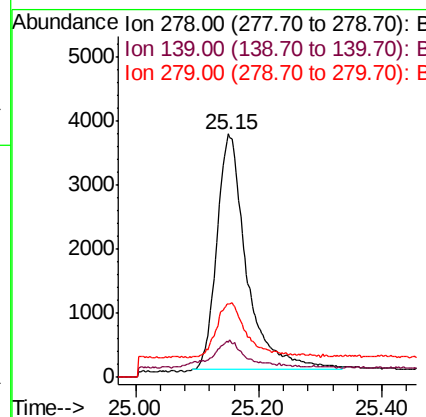
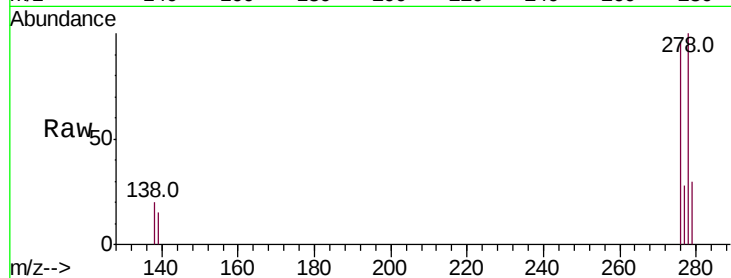




#25
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 25.15 min Scan# 7451
Delta R.T. 0.01 min
Lab File: BM024982.D
Acq: 20 Feb 2020 17:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 12416
Ion Ratio Lower Upper
278 100
139 14.6 10.2 15.2
279 30.1 22.3 33.5



#26
Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 25.75 min Scan# 7698
Delta R.T. 0.01 min
Lab File: BM024982.D
Acq: 20 Feb 2020 17:04

Tgt Ion:276 Resp: 13629
Ion Ratio Lower Upper
276 100
138 17.0 12.4 18.6
277 26.1 20.1 30.1

