

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022020\
 Data File : BM024984.D
 Acq On : 20 Feb 2020 18:16
 Operator : CG/JU
 Sample : SST00.879
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 21 01:41:14 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

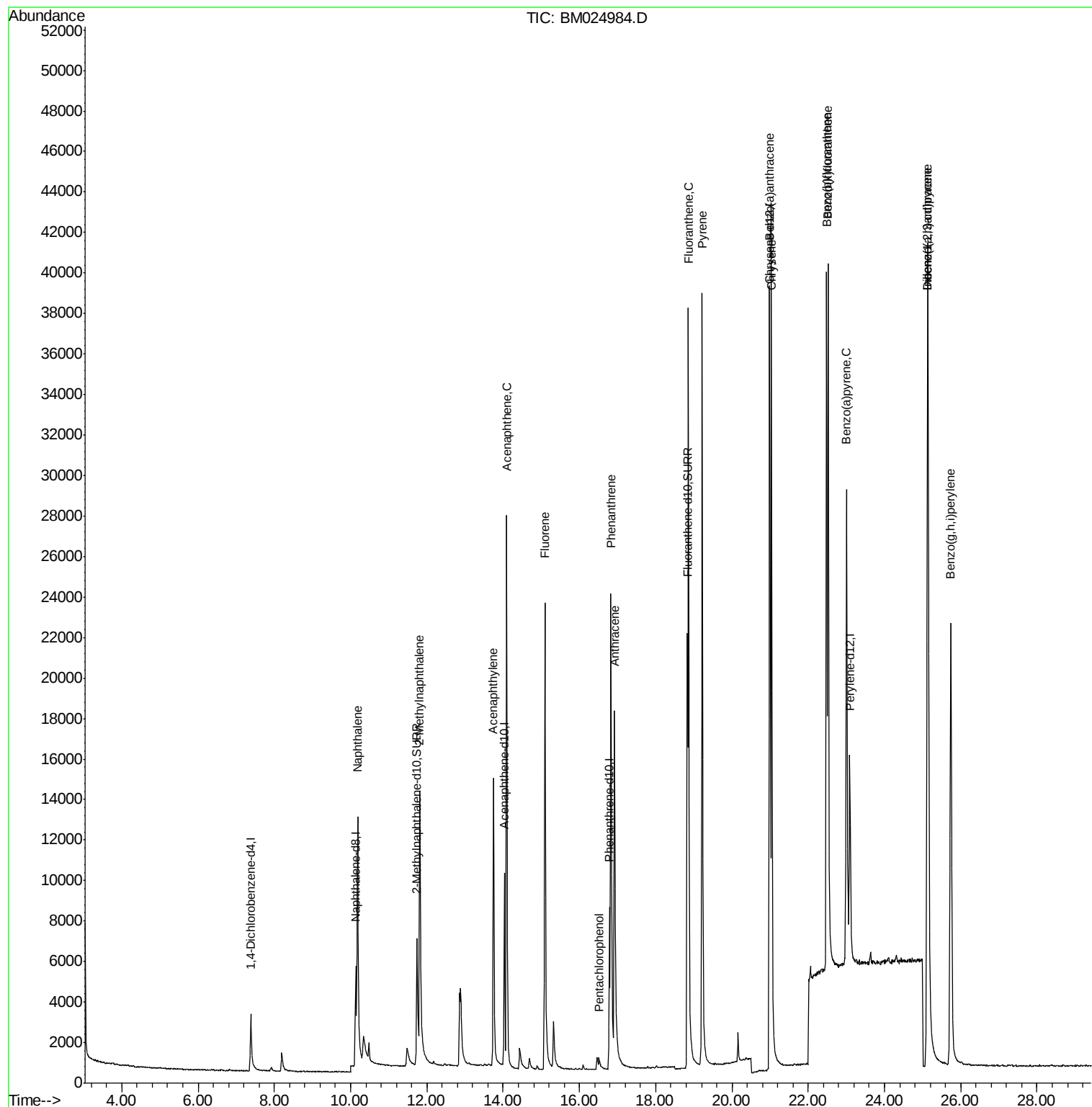
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	2316	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	10037	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	6933	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.79	188	13603	0.40	ng/ul	0.00
16) Chrysene-d12	21.00	240	14451	0.40	ng/ul	0.00
20) Perylene-d12	23.09	264	14543	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	14030	0.85	ng/ul	0.00
14) Fluoranthene-d10	18.83	212	32387	0.87	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	23196	0.811	ng/ul	98
5) 2-Methylnaphthalene	11.82	142	15535	0.792	ng/ul	99
7) Acenaphthylene	13.75	152	23028	0.718	ng/ul	100
8) Acenaphthene	14.09	153	17699	0.659	ng/ul	99
9) Fluorene	15.09	166	20155	0.655	ng/ul	100
11) Pentachlorophenol	16.50	266	2224	0.806	ng/ul	97
12) Phenanthrene	16.83	178	31724	0.732	ng/ul	99
13) Anthracene	16.92	178	28469	0.766	ng/ul	99
15) Fluoranthene	18.86	202	40534	0.867	ng/ul	98
17) Pyrene	19.22	202	42396	0.647	ng/ul	99
18) Benzo(a)anthracene	20.99	228	37654	0.681	ng/ul	99
19) Chrysene	21.04	228	47577	0.818	ng/ul	99
21) Benzo(b)fluoranthene	22.48	252	42707	0.676	ng/ul	94
22) Benzo(k)fluoranthene	22.52	252	50704	0.787	ng/ul#	92
23) Benzo(a)pyrene	23.00	252	41454	0.750	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.13	276	55893	0.829	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.14	278	45828	0.841	ng/ul	96
26) Benzo(g,h,i)perylene	25.74	276	49575	0.923	ng/ul	98

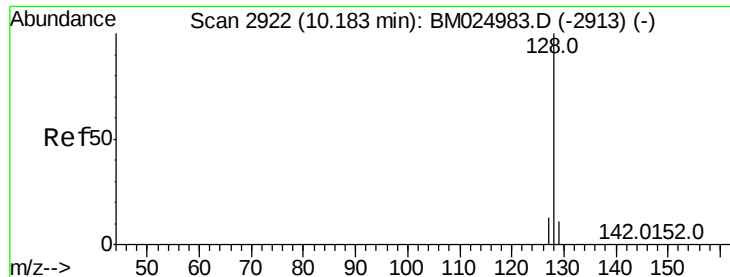
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.811 ng/ul

RT: 10.18 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

Instrument :

BNA_M

ClientSampleId :

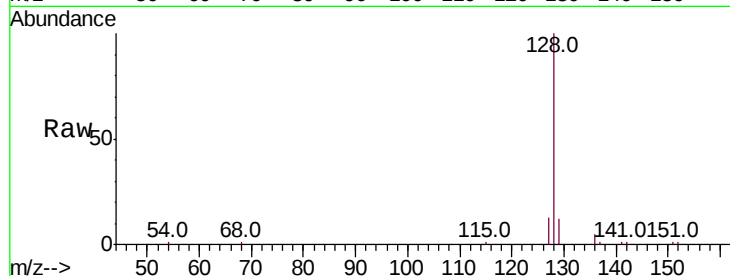
Tot Ion:128 Resp: 23196

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.6

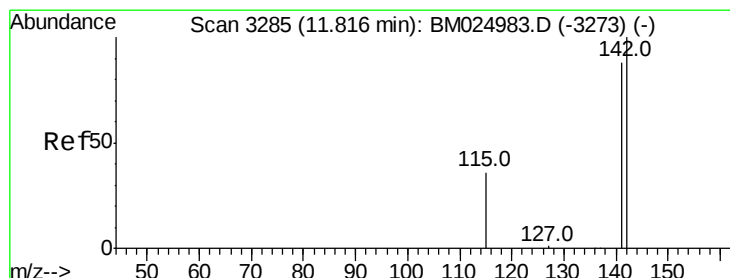
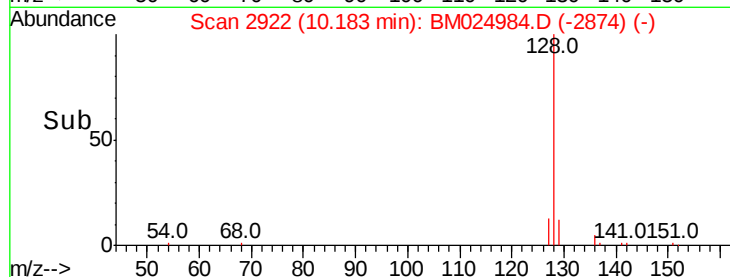
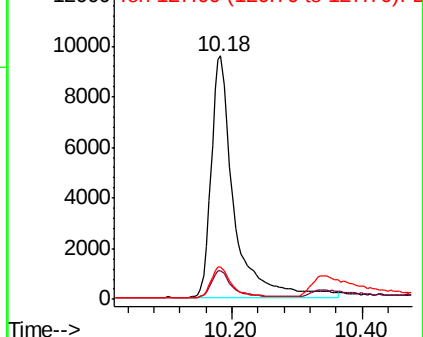
127 13.2 11.5 17.3



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: 0.792 ng/ul

RT: 11.82 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BM024984.D

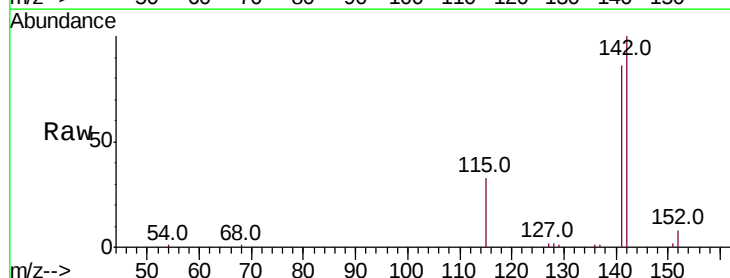
Acq: 20 Feb 2020 18:16

Tgt Ion:142 Resp: 15535

Ion Ratio Lower Upper

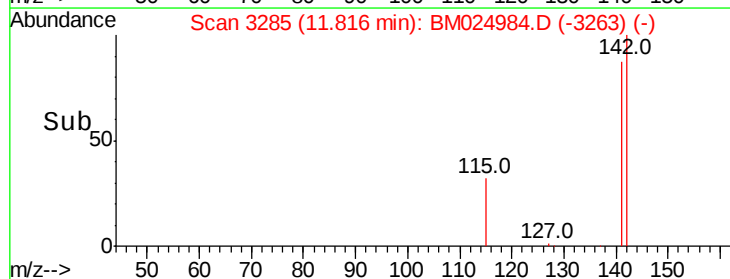
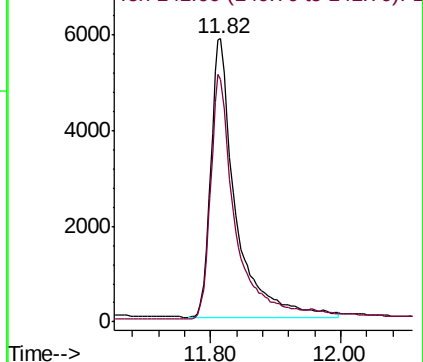
142 100

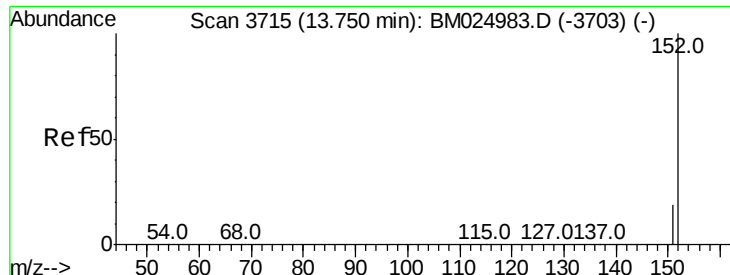
141 89.0 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.718 ng/ul

RT: 13.75 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

Instrument :

BNA_M

ClientSampleId :

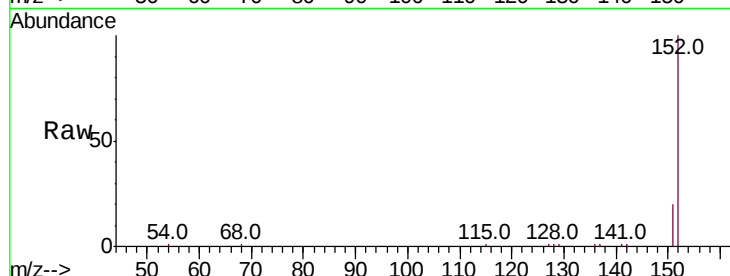
Tot Ion:152 Resp: 23028

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

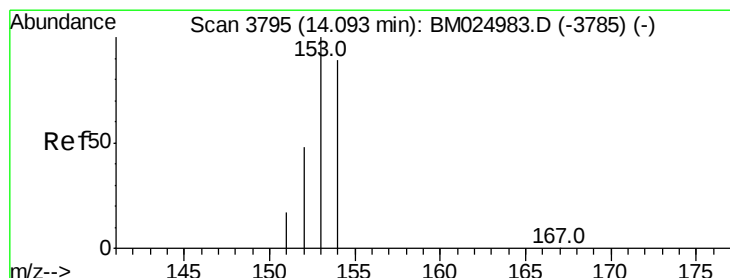
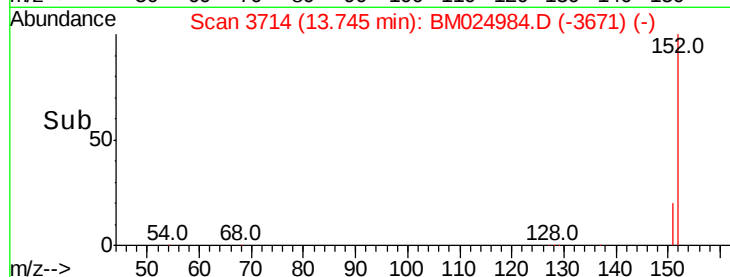
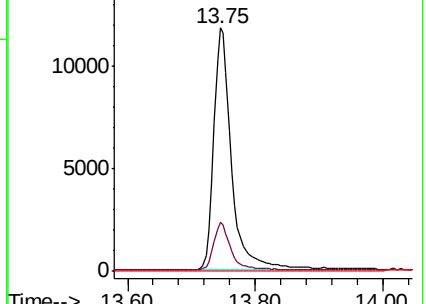
153 0.0 0.0 0.0



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: 0.659 ng/ul

RT: 14.09 min Scan# 3795

Delta R.T. 0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

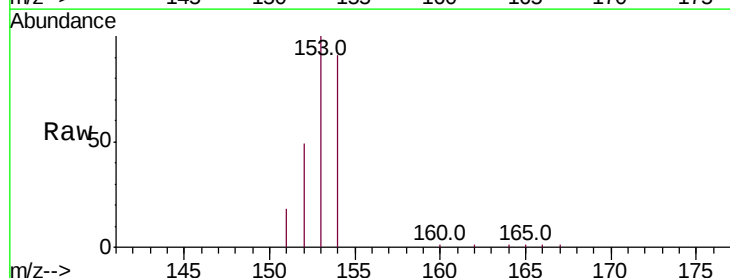
Tgt Ion:153 Resp: 17699

Ion Ratio Lower Upper

153 100

152 48.7 39.8 59.6

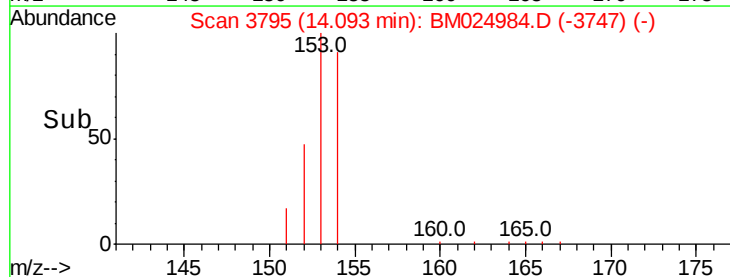
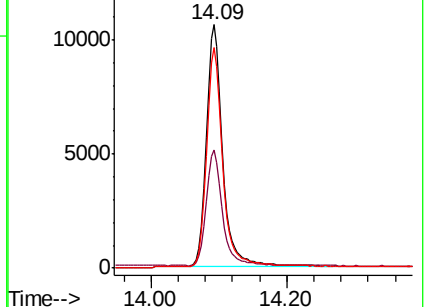
154 90.7 71.8 107.6

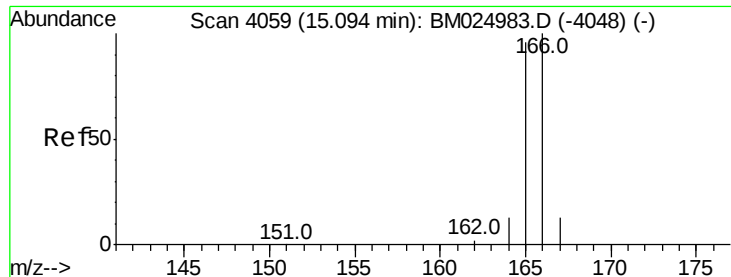


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.655 ng/ul

RT: 15.09 min Scan# 4059

Delta R.T. 0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

Instrument :

BNA_M

ClientSampleId :

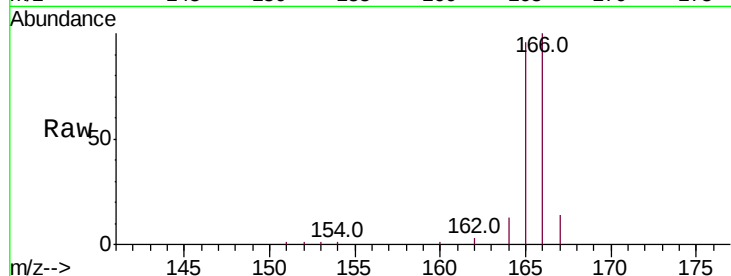
Tot Ion:166 Resp: 20155

Ion Ratio Lower Upper

166 100

165 96.5 77.5 116.3

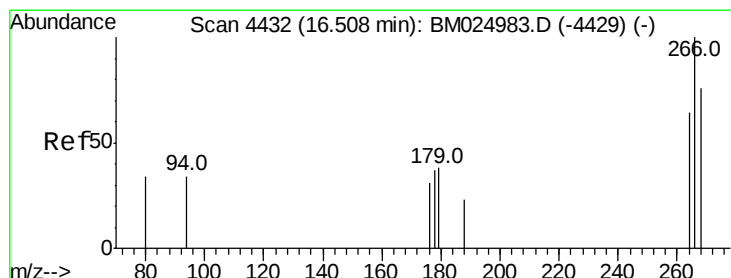
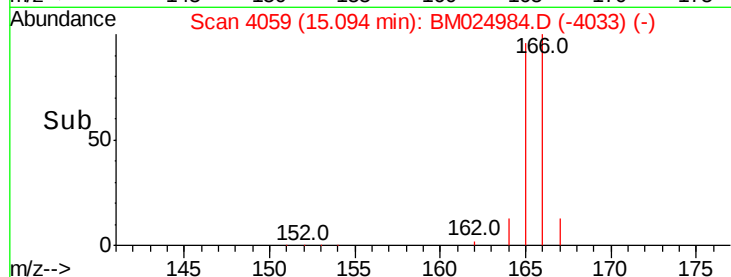
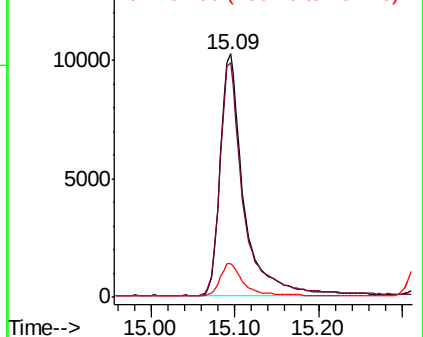
167 14.0 11.5 17.3



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



#11

Pentachlorophenol

Concen: 0.806 ng/ul

RT: 16.50 min Scan# 4431

Delta R.T. -0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

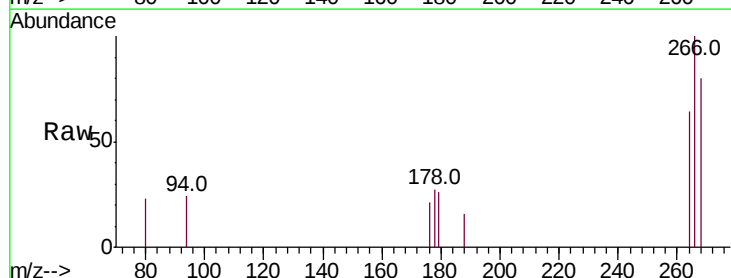
Tgt Ion:266 Resp: 2224

Ion Ratio Lower Upper

266 100

264 71.4 56.9 85.3

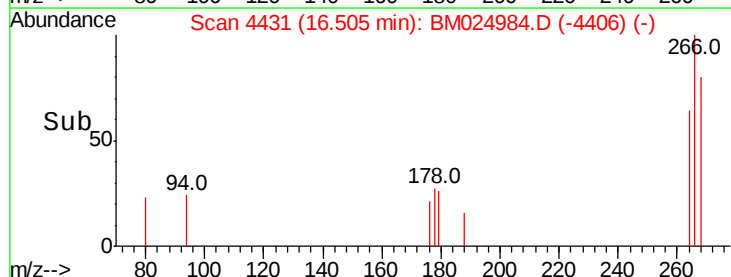
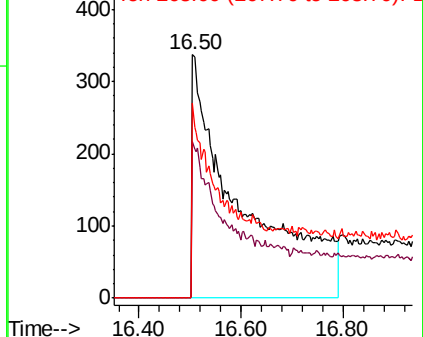
268 92.2 77.6 116.4

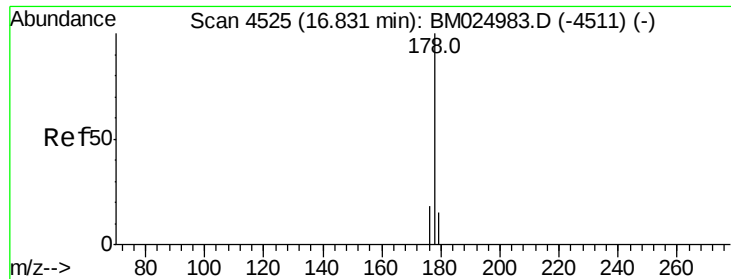


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

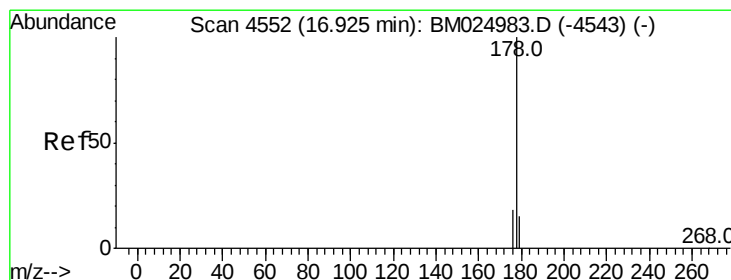
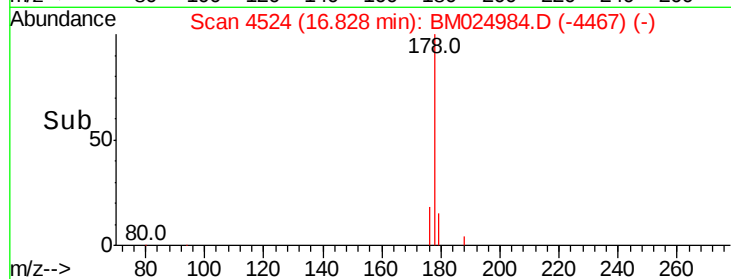
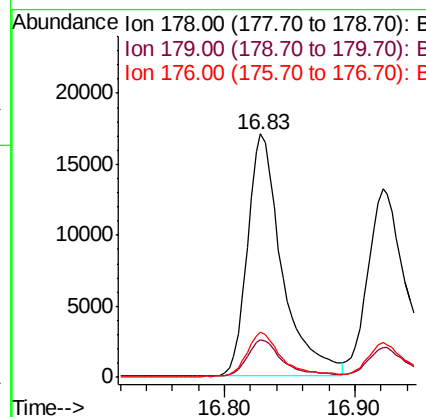
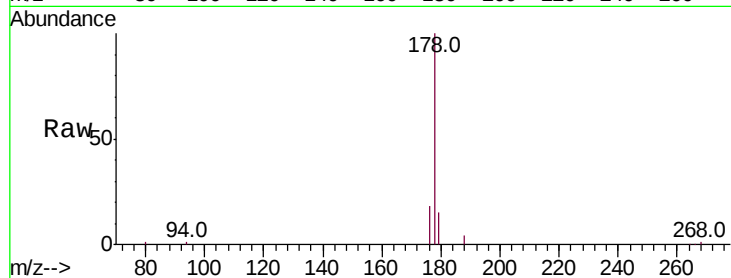




#12
Phenanthrene
Concen: 0.732 ng/ul
RT: 16.83 min Scan# 4524
Delta R.T. -0.00 min
Lab File: BM024984.D
Acq: 20 Feb 2020 18:16

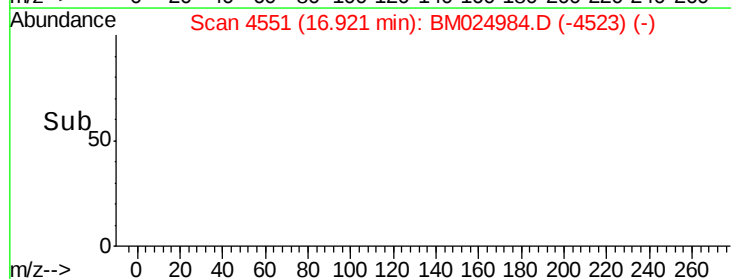
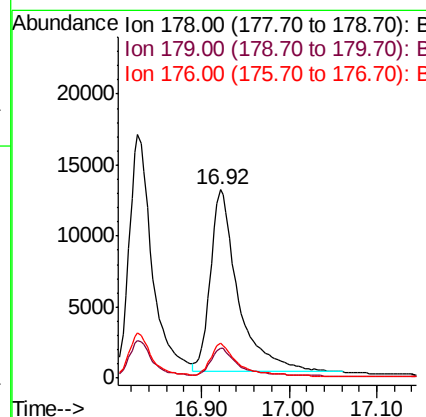
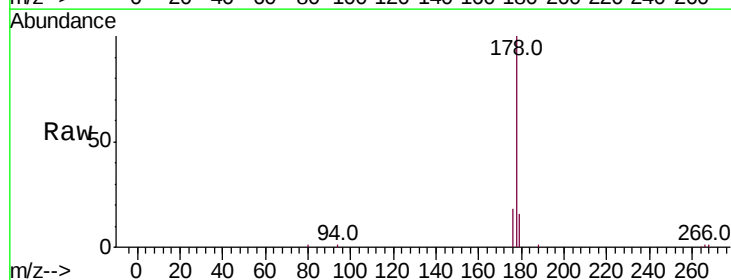
Instrument :
BNA_M
ClientSampleId :

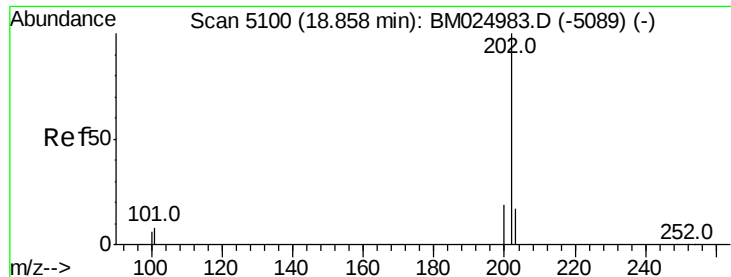
Tot Ion:178 Resp: 31724
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.4 15.1 22.7



#13
Anthracene
Concen: 0.766 ng/ul
RT: 16.92 min Scan# 4551
Delta R.T. -0.00 min
Lab File: BM024984.D
Acq: 20 Feb 2020 18:16

Tgt Ion:178 Resp: 28469
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 18.3 15.0 22.4





#15

Fluoranthene

Concen: 0.867 ng/ul

RT: 18.86 min Scan# 5100

Delta R.T. 0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

Instrument :

BNA_M

ClientSampleId :

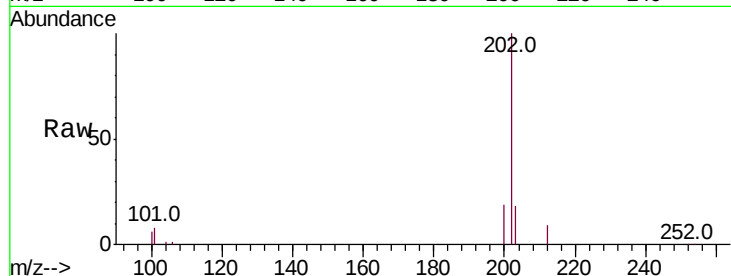
Tot Ion:202 Resp: 40534

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.5

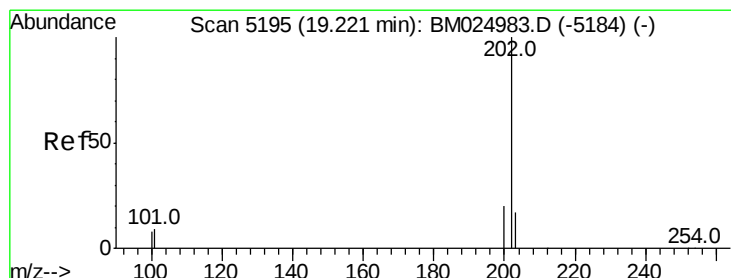
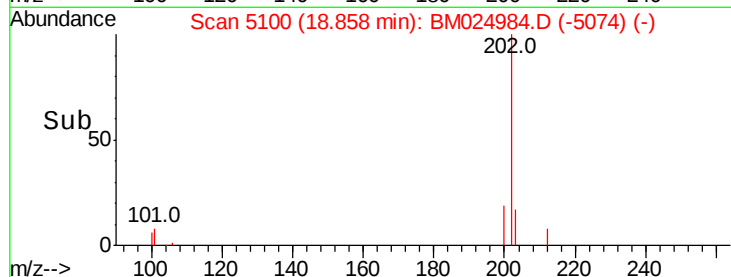
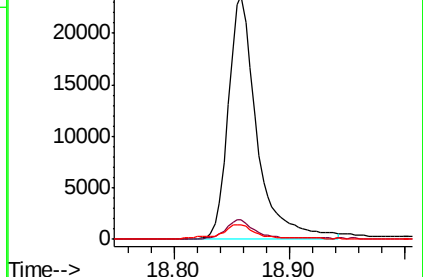
100 6.1 0.0 26.6



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: 0.647 ng/ul

RT: 19.22 min Scan# 5195

Delta R.T. 0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

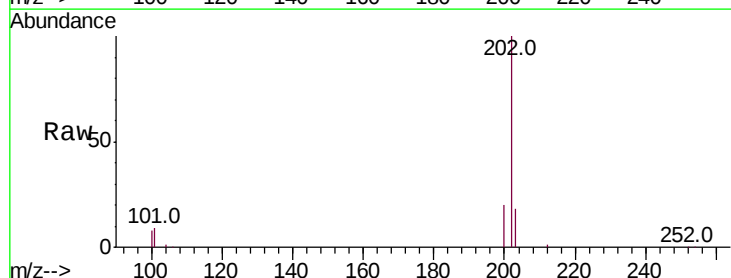
Tgt Ion:202 Resp: 42396

Ion Ratio Lower Upper

202 100

101 9.3 7.9 11.9

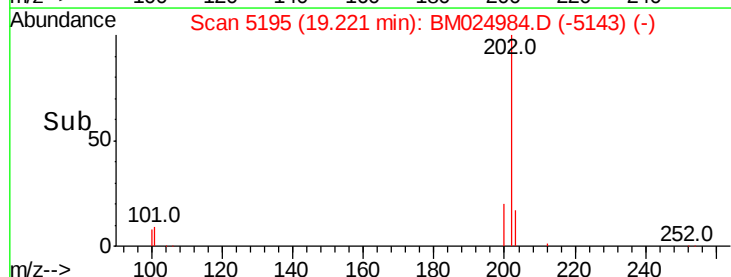
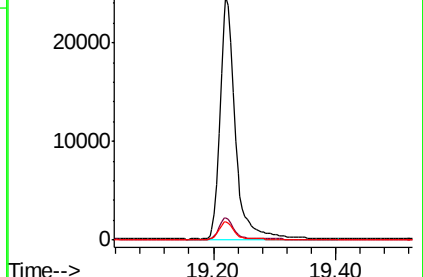
100 7.7 6.6 9.8

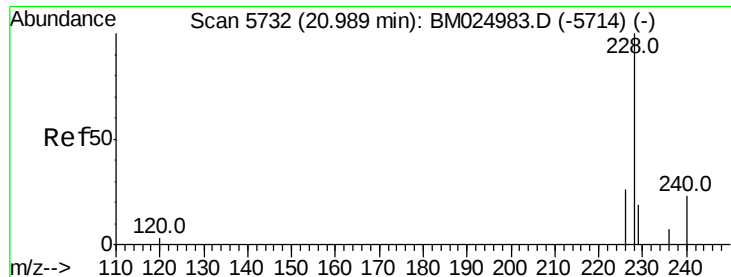


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

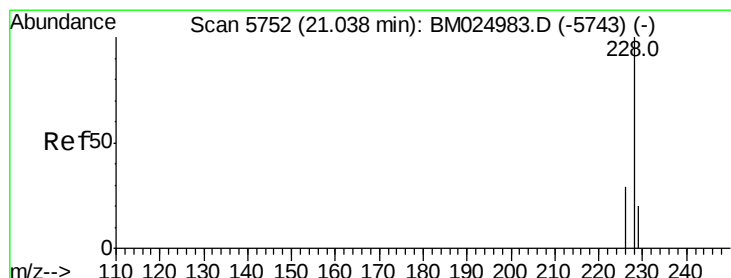
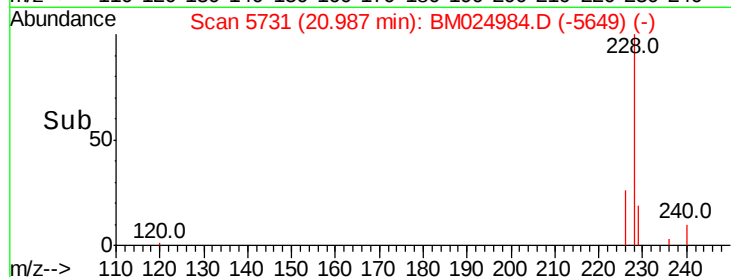
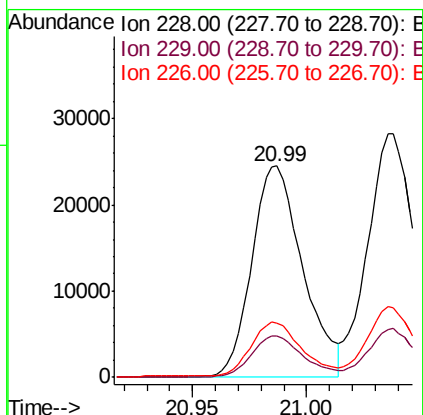
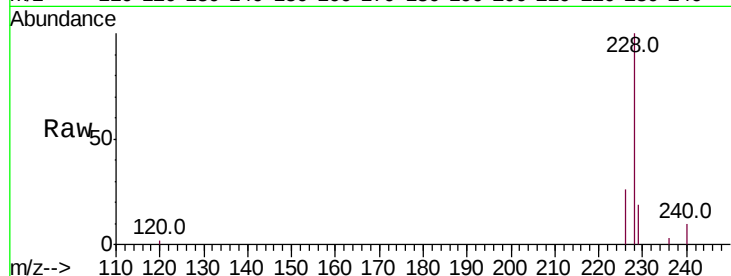




#18
Benzo(a)anthracene
Concen: 0.681 ng/ul
RT: 20.99 min Scan# 5731
Delta R.T. -0.00 min
Lab File: BM024984.D
Acq: 20 Feb 2020 18:16

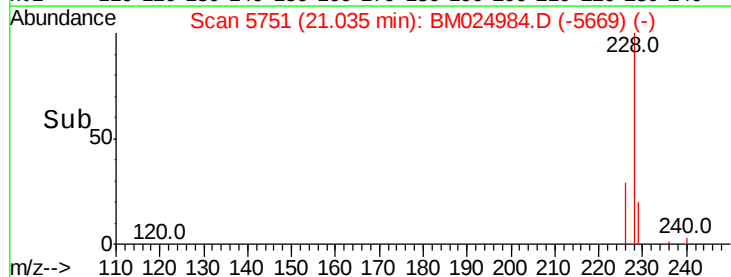
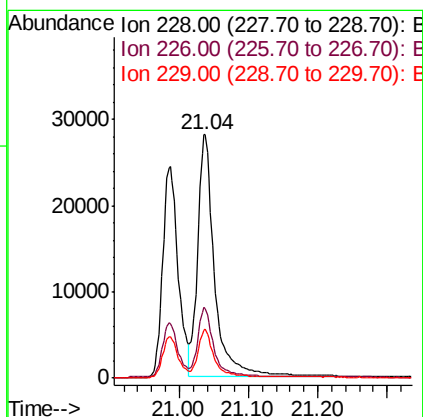
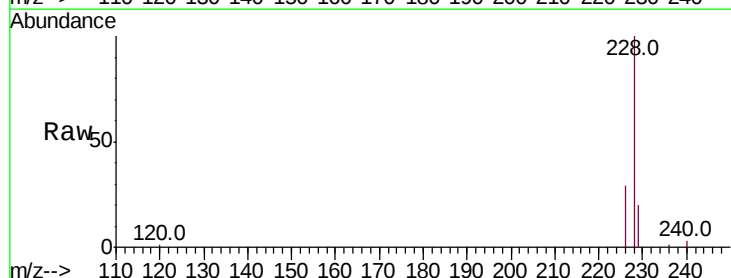
Instrument :
BNA_M
ClientSampleId :

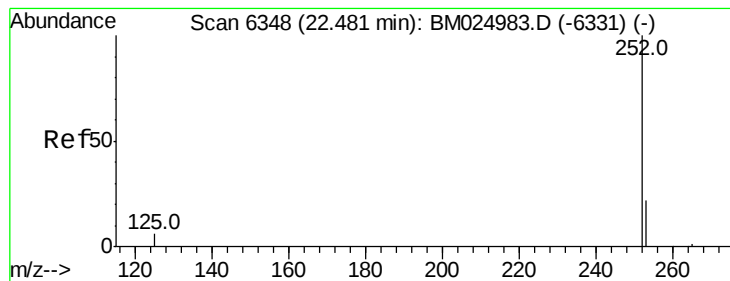
Tot Ion:228 Resp: 37654
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.8
226 25.9 21.1 31.7



#19
Chrysene
Concen: 0.818 ng/ul
RT: 21.04 min Scan# 5751
Delta R.T. -0.00 min
Lab File: BM024984.D
Acq: 20 Feb 2020 18:16

Tgt Ion:228 Resp: 47577
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 19.8 16.2 24.4





#21

Benzo(b)fluoranthene

Concen: 0.676 ng/ul

RT: 22.48 min Scan# 6347

Delta R.T. -0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

Instrument :

BNA_M

ClientSampleId :

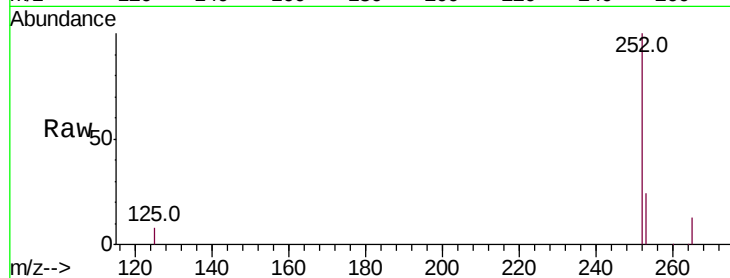
Tot Ion:252 Resp: 42707

Ion Ratio Lower Upper

252 100

253 23.6 0.0 52.6

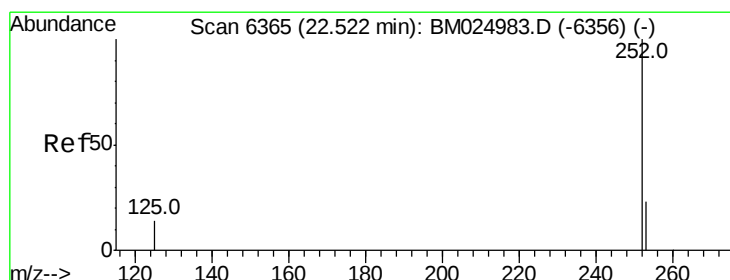
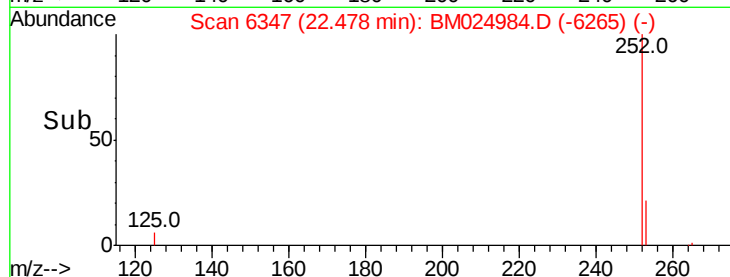
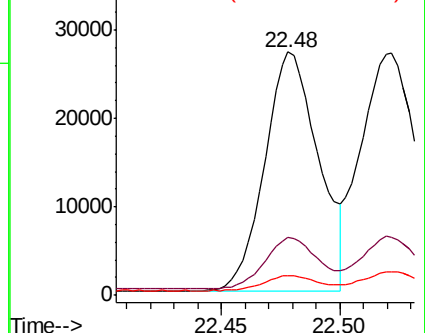
125 8.0 0.0 21.0



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: 0.787 ng/ul

RT: 22.52 min Scan# 6365

Delta R.T. 0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

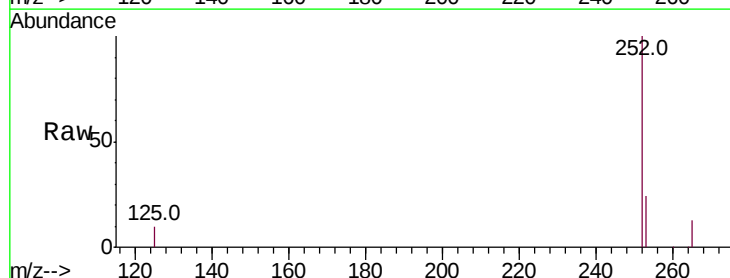
Tgt Ion:252 Resp: 50704

Ion Ratio Lower Upper

252 100

253 24.0 21.7 32.5

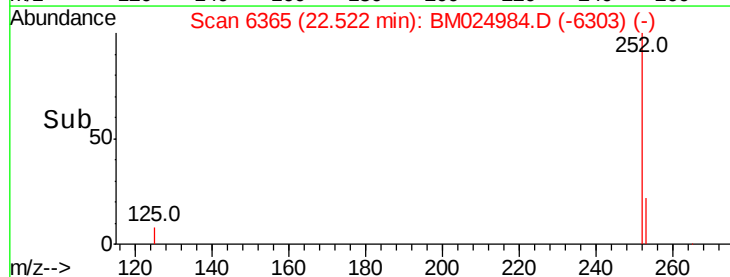
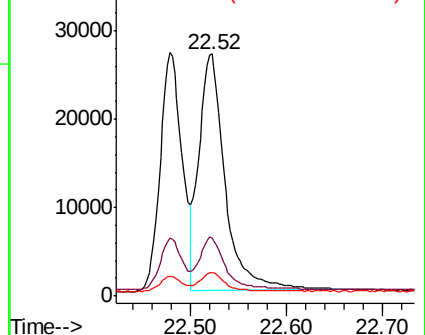
125 9.8 11.8 17.8#

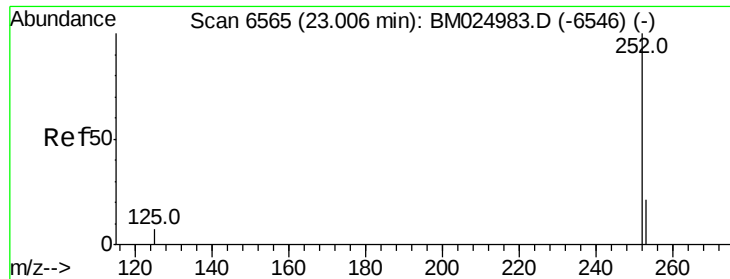


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.750 ng/ul

RT: 23.00 min Scan# 6564

Delta R.T. -0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

Instrument :

BNA_M

ClientSampled :

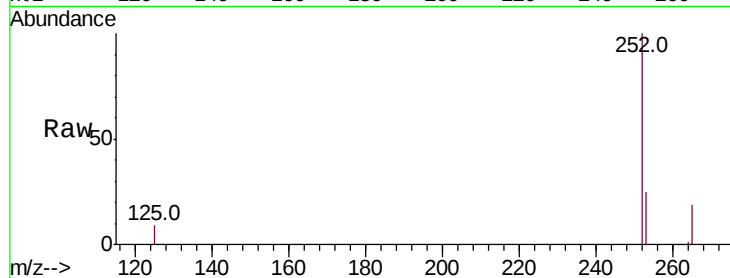
Tot Ion:252 Resp: 41454

Ion Ratio Lower Upper

252 100

253 24.8 22.3 33.5

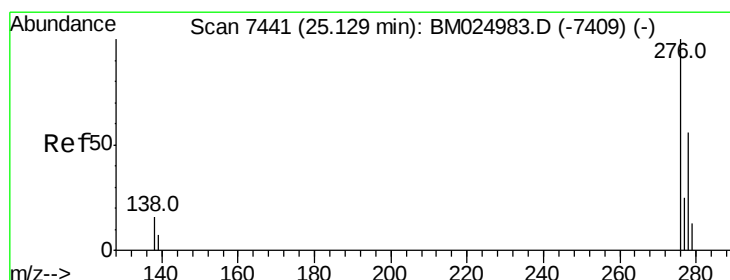
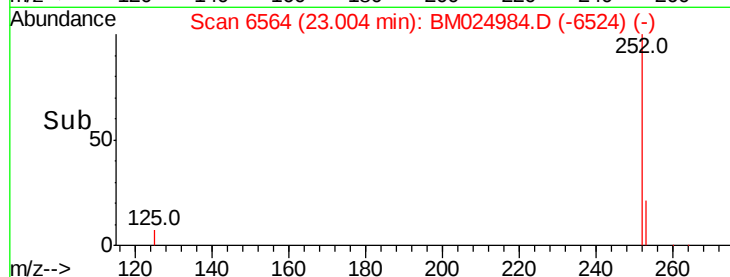
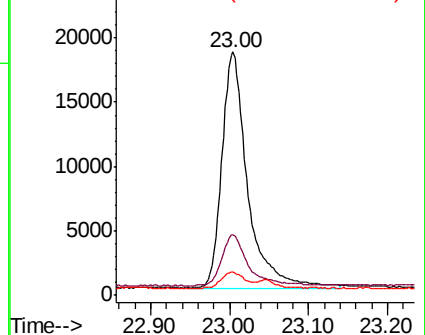
125 9.4 10.2 15.4#



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: 0.829 ng/ul

RT: 25.13 min Scan# 7441

Delta R.T. 0.00 min

Lab File: BM024984.D

Acq: 20 Feb 2020 18:16

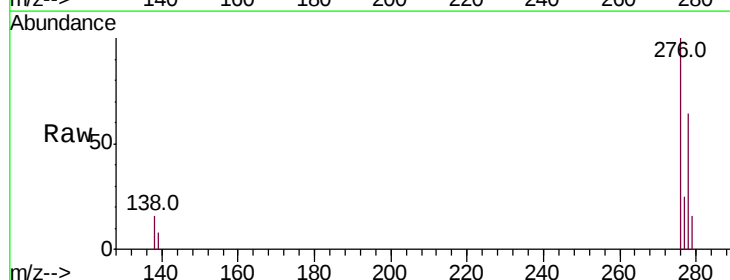
Tgt Ion:276 Resp: 55893

Ion Ratio Lower Upper

276 100

138 15.6 9.6 14.4#

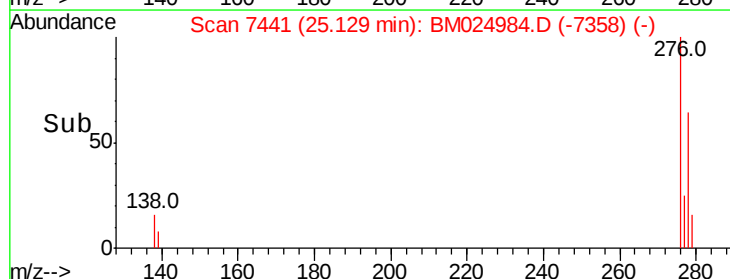
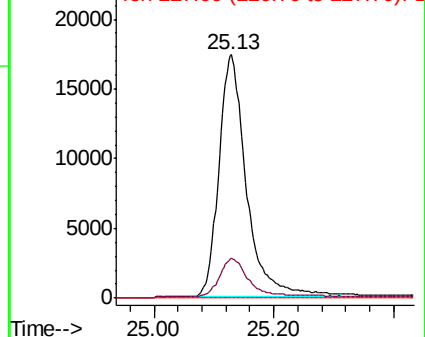
227 0.0 0.0 0.0

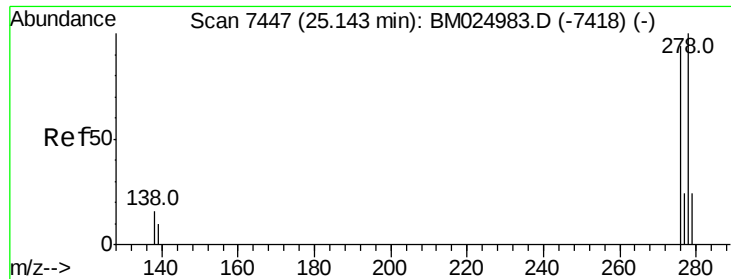


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

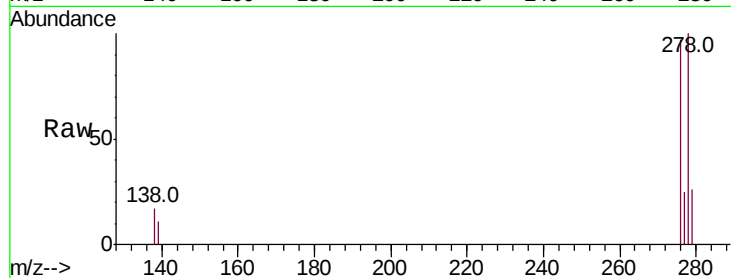




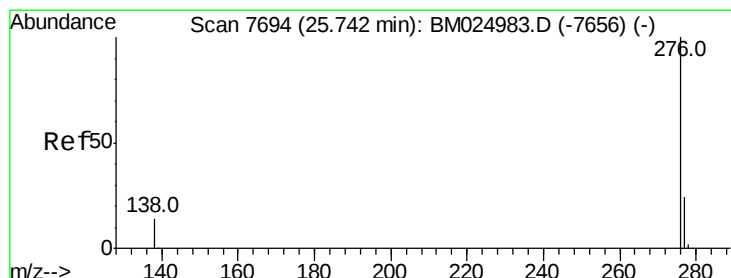
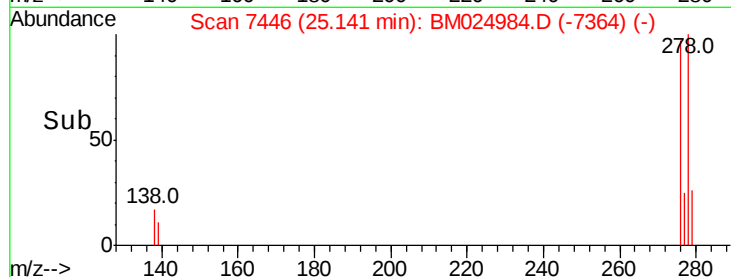
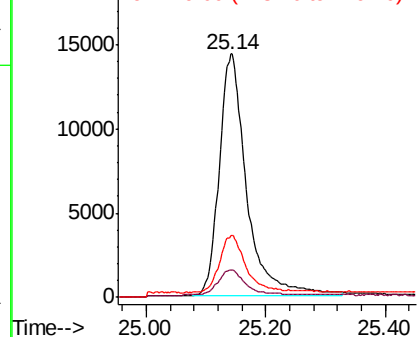
#25
Dibenzo(a,h)anthracene
Concen: 0.841 ng/ul
RT: 25.14 min Scan# 7446
Delta R.T. -0.00 min
Lab File: BM024984.D
Acq: 20 Feb 2020 18:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 45828
Ion Ratio Lower Upper
278 100
139 11.3 10.2 15.2
279 25.6 22.3 33.5

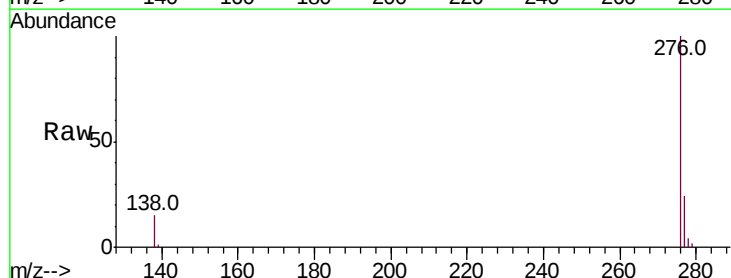


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.923 ng/ul
RT: 25.74 min Scan# 7693
Delta R.T. -0.00 min
Lab File: BM024984.D
Acq: 20 Feb 2020 18:16

Tgt Ion:276 Resp: 49575
Ion Ratio Lower Upper
276 100
138 14.5 12.4 18.6
277 24.0 20.1 30.1



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

