

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022420\
 Data File : BM025034.D
 Acq On : 24 Feb 2020 22:36
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 25 01:13:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 01:09:25 2020
 Response via : Initial Calibration

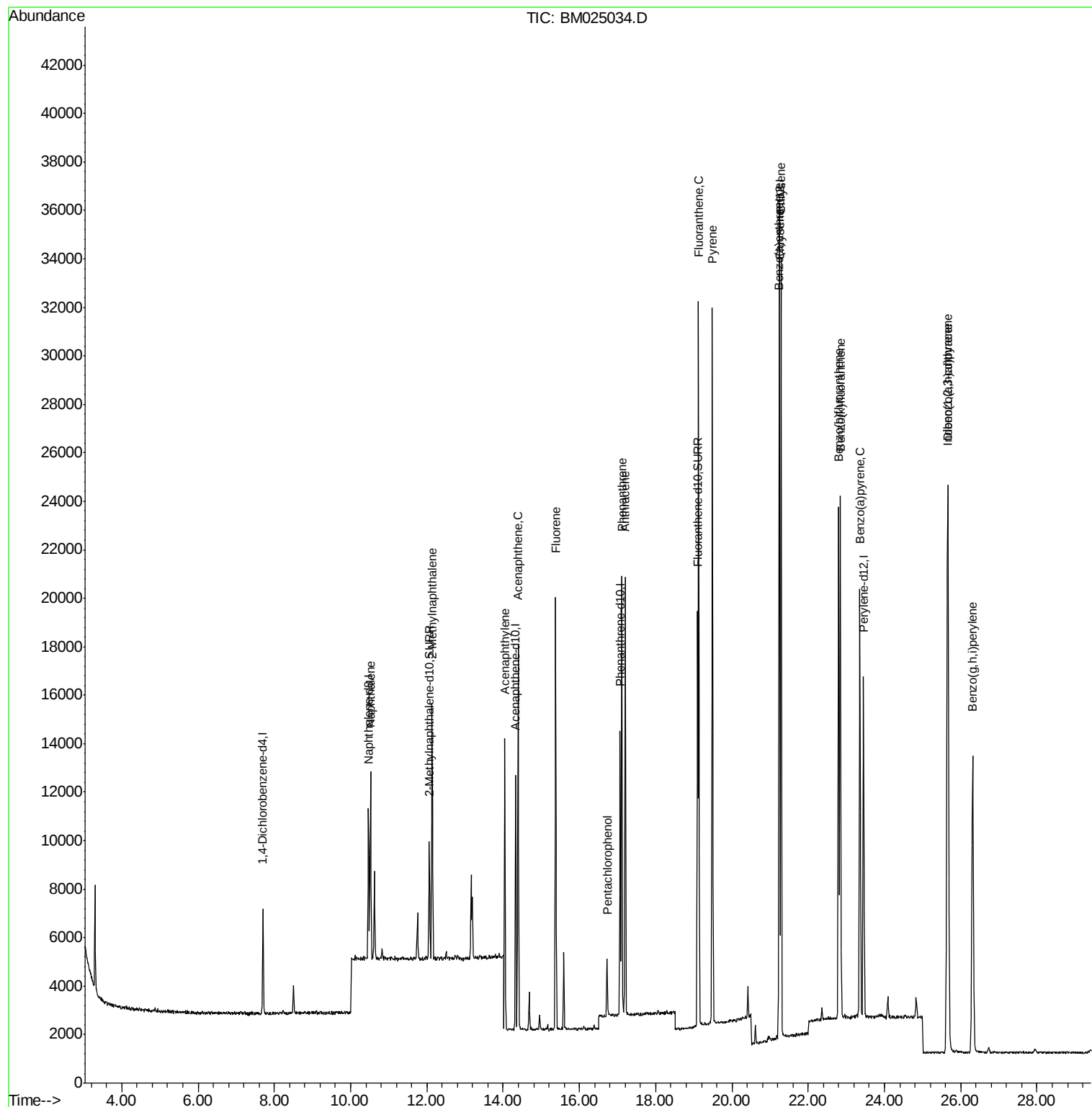
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2110	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	8262	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	5757	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	13630	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	15317	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	16533	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	6353	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	19084	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.52	128	10224	0.407	ng/ul	93
5) 2-Methylnaphthalene	12.14	142	7480	0.412	ng/ul	100
7) Acenaphthylene	14.04	152	13147	0.396	ng/ul	97
8) Acenaphthene	14.39	153	8711	0.391	ng/ul	98
9) Fluorene	15.38	166	10912	0.390	ng/ul	99
11) Pentachlorophenol	16.72	266	1713	0.411	ng/ul	97
12) Phenanthrene	17.11	178	18668	0.389	ng/ul	98
13) Anthracene	17.20	178	18608	0.400	ng/ul	98
15) Fluoranthene	19.13	202	25558	0.367	ng/ul	98
17) Pyrene	19.49	202	25564	0.370	ng/ul	99
18) Benzo(a)anthracene	21.24	228	25971	0.393	ng/ul	98
19) Chrysene	21.29	228	26173	0.397	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	26666	0.411	ng/ul	96
22) Benzo(k)fluoranthene	22.84	252	25914	0.404	ng/ul	98
23) Benzo(a)pyrene	23.36	252	24218	0.409	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.65	276	30425	0.410	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.67	278	25350	0.407	ng/ul	97
26) Benzo(g,h,i)perylene	26.31	276	25520	0.409	ng/ul	97

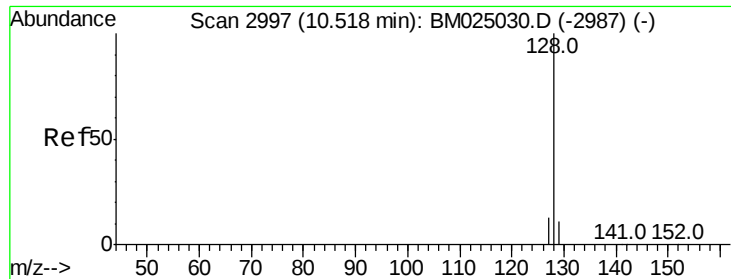
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.407 ng/ul

RT: 10.52 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

Instrument :

BNA_M

ClientSampleId :

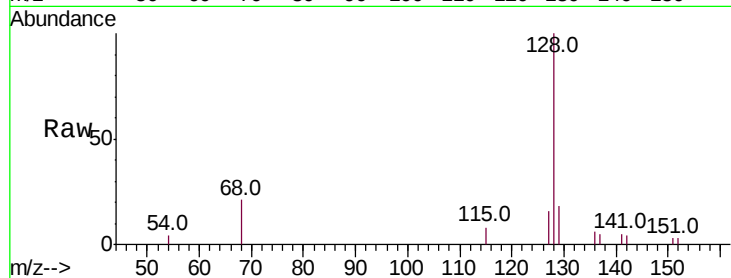
Tot Ion:128 Resp: 10224

Ion Ratio Lower Upper

128 100

129 17.5 17.0 25.6

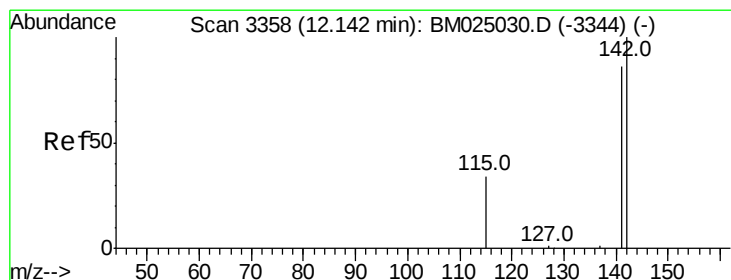
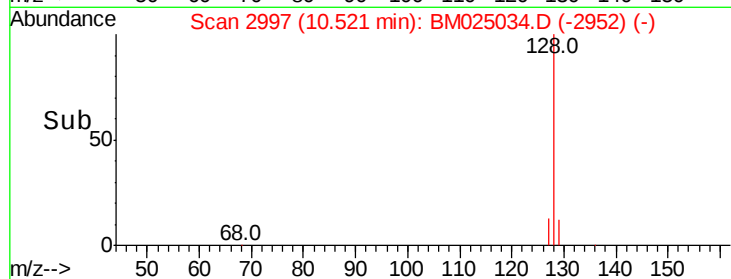
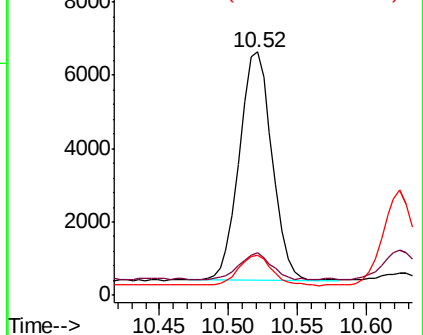
127 16.5 15.7 23.5



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: 0.412 ng/ul

RT: 12.14 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM025034.D

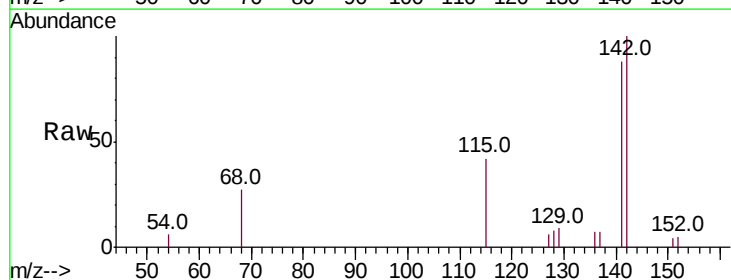
Acq: 24 Feb 2020 22:36

Tgt Ion:142 Resp: 7480

Ion Ratio Lower Upper

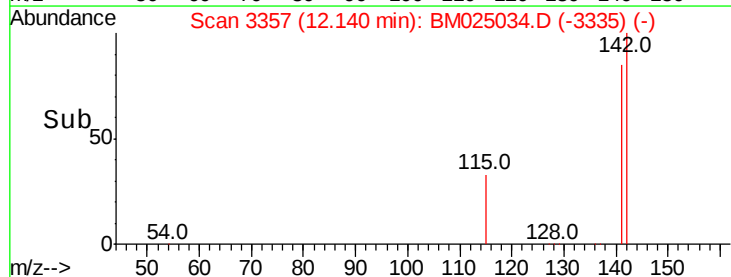
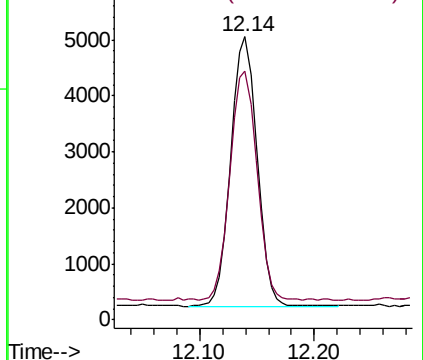
142 100

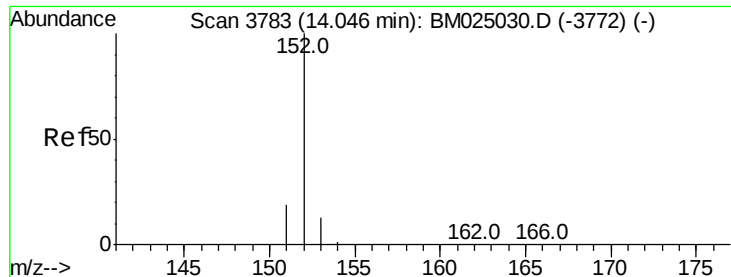
141 87.0 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.396 ng/ul

RT: 14.04 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

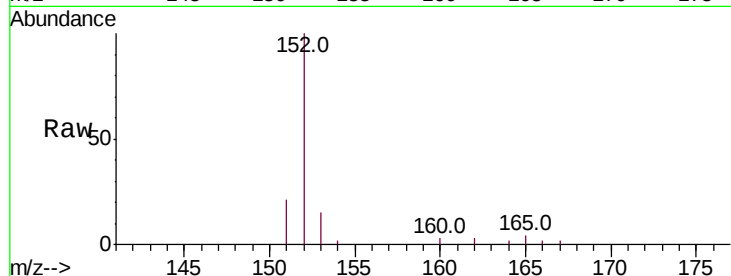
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 13147

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.8	26.8
153	14.8	13.3	19.9

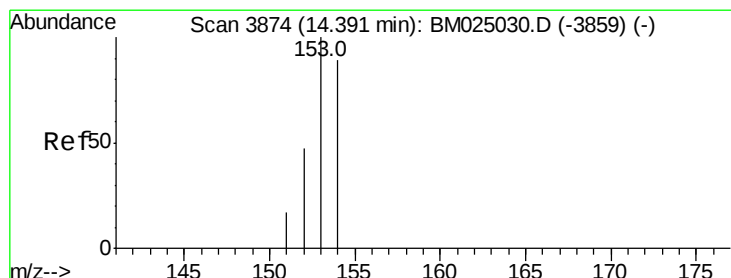
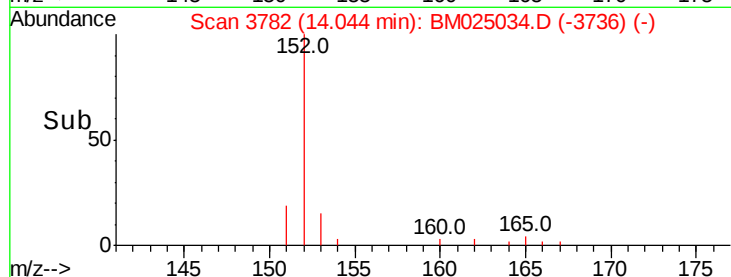
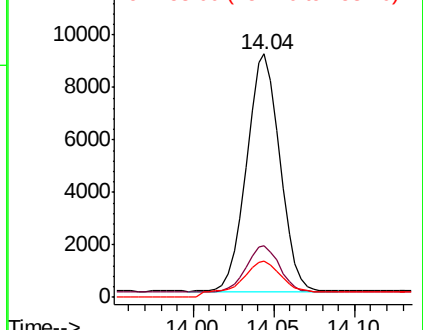


Abundance

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: 0.391 ng/ul

RT: 14.39 min Scan# 3873

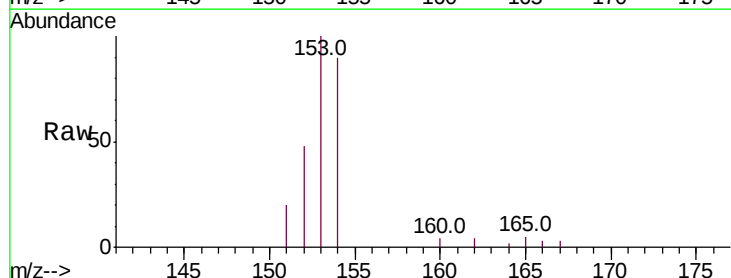
Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

Tgt Ion:153 Resp: 8711

Ion	Ratio	Lower	Upper
153	100		
152	47.6	40.0	60.0
154	89.6	71.0	106.6

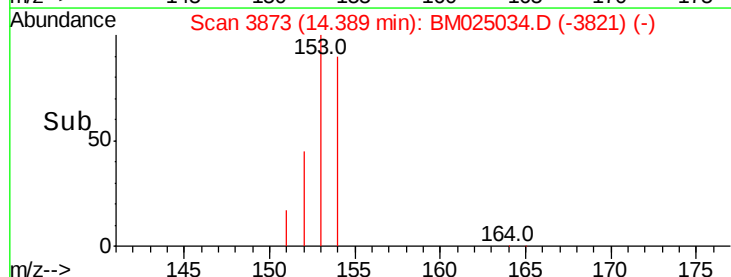
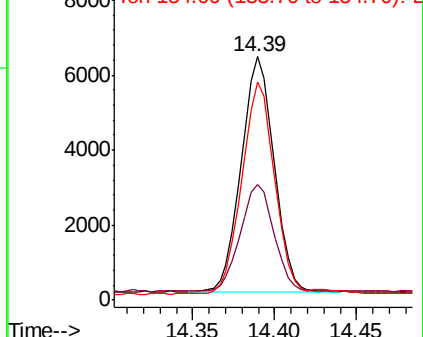


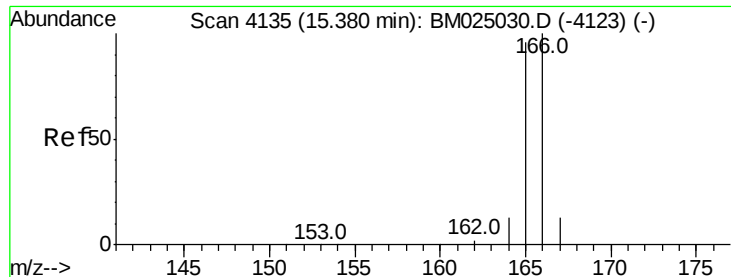
Abundance

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

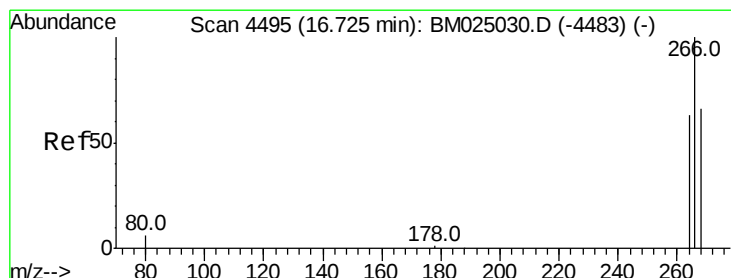
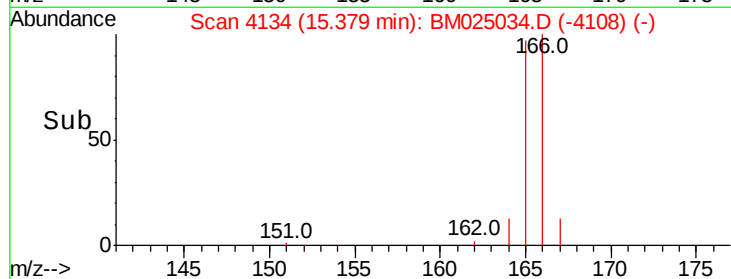
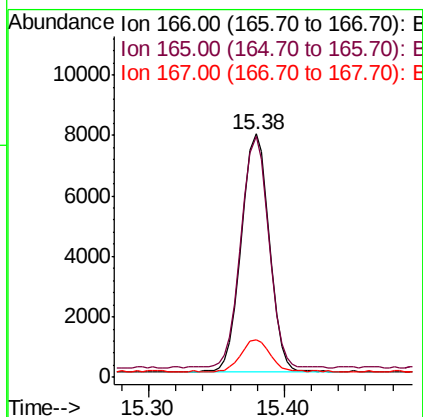
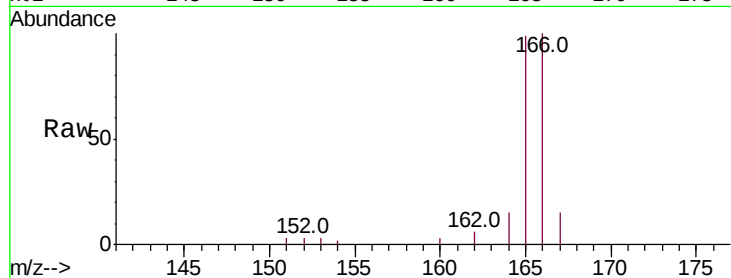




#9
Fluorene
 Concen: 0.390 ng/ul
 RT: 15.38 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: BM025034.D
 Acq: 24 Feb 2020 22:36

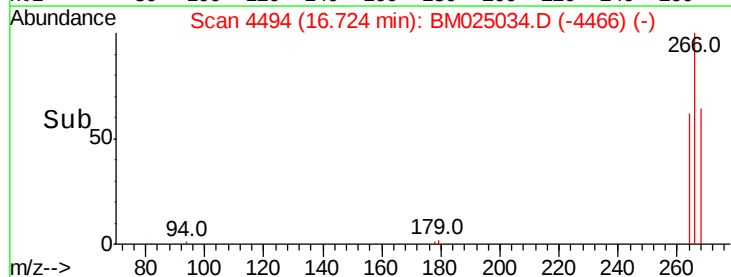
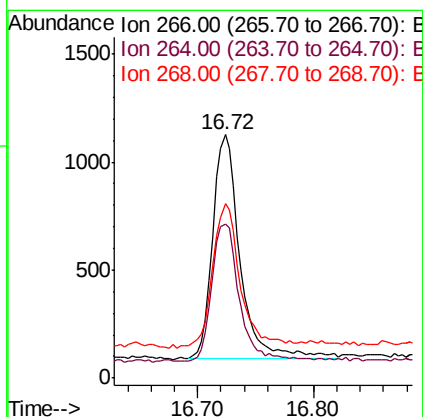
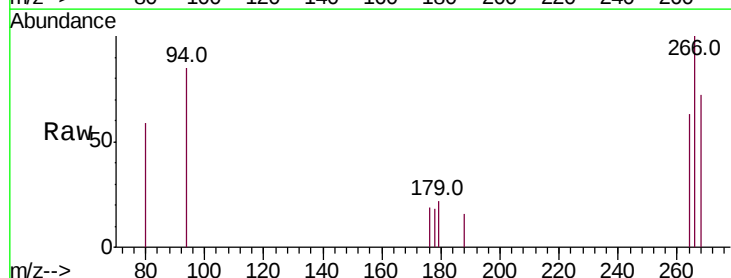
Instrument :
 BNA_M
 ClientSampled :

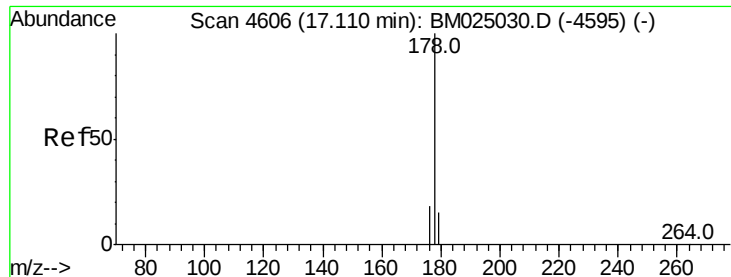
Tot Ion:166 Resp: 10912
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.0 120.0
 167 15.4 13.7 20.5



#11
Pentachlorophenol
 Concen: 0.411 ng/ul
 RT: 16.72 min Scan# 4494
 Delta R.T. -0.00 min
 Lab File: BM025034.D
 Acq: 24 Feb 2020 22:36

Tgt Ion:266 Resp: 1713
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.8 74.6
 268 65.0 49.0 73.4





#12

Phenanthrene

Concen: 0.389 ng/ul

RT: 17.11 min Scan# 4605

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

Instrument :

BNA_M

ClientSampleId :

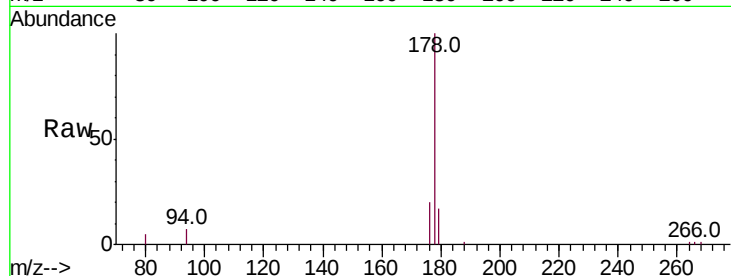
Tot Ion:178 Resp: 18668

Ion Ratio Lower Upper

178 100

179 16.7 14.0 21.0

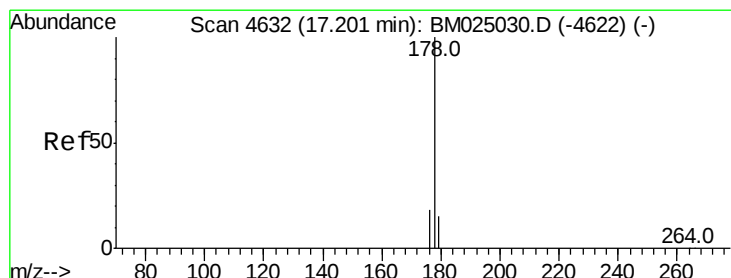
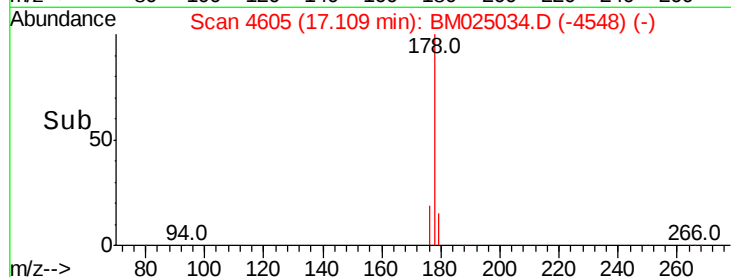
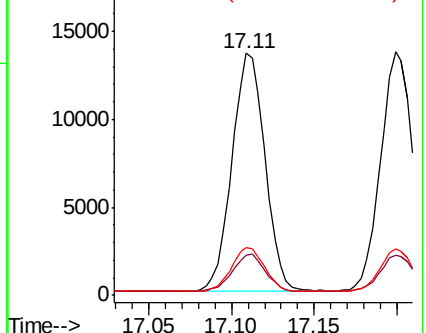
176 19.7 16.6 24.8



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: 0.400 ng/ul

RT: 17.20 min Scan# 4631

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

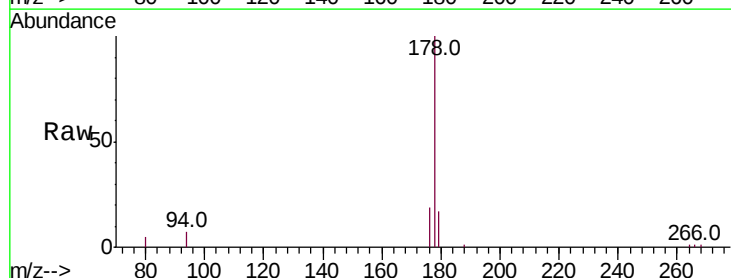
Tgt Ion:178 Resp: 18608

Ion Ratio Lower Upper

178 100

179 16.7 14.1 21.1

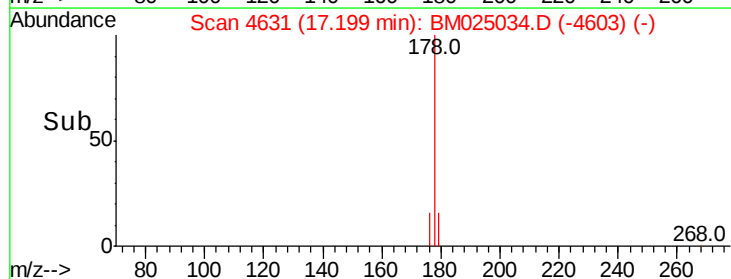
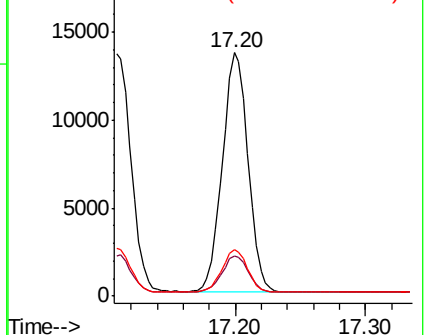
176 19.1 16.2 24.4

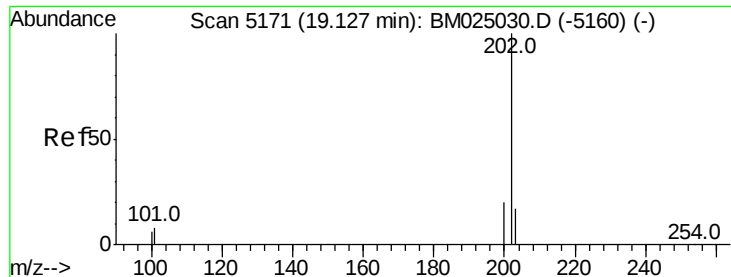


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.367 ng/ul

RT: 19.13 min Scan# 5170

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

Instrument :

BNA_M

ClientSampleId :

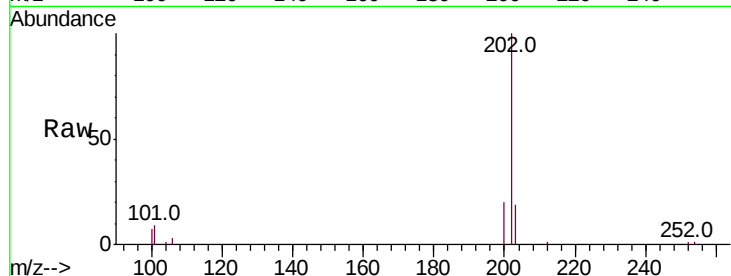
Tot Ion:202 Resp: 25558

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.4

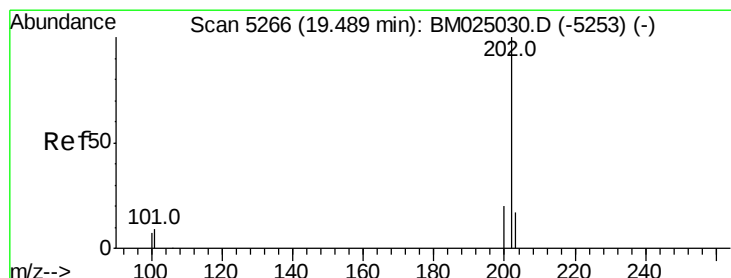
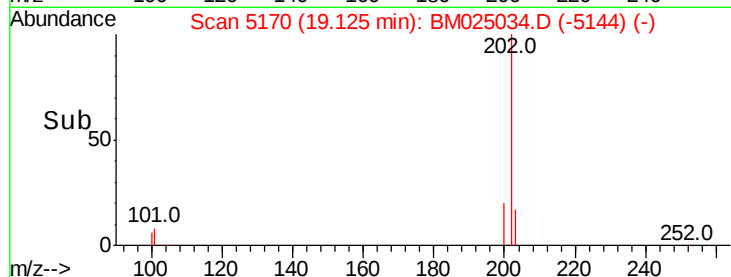
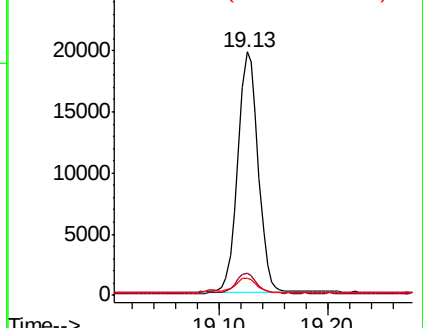
100 7.3 0.0 28.0



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



#17

Pyrene

Concen: 0.370 ng/ul

RT: 19.49 min Scan# 5265

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

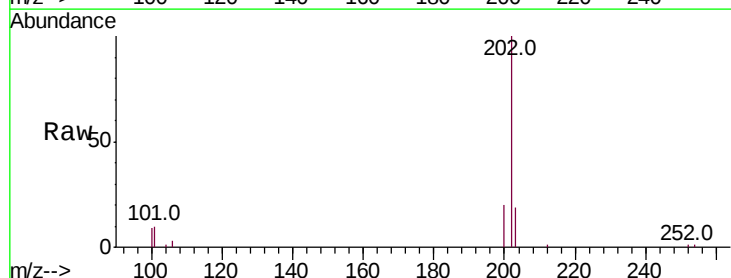
Tgt Ion:202 Resp: 25564

Ion Ratio Lower Upper

202 100

101 10.4 8.7 13.1

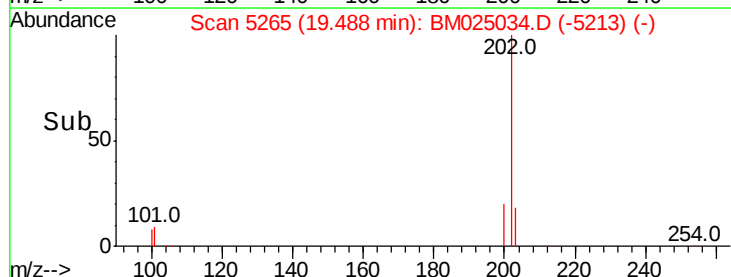
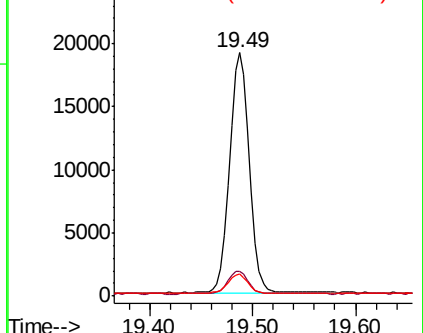
100 9.0 7.3 10.9

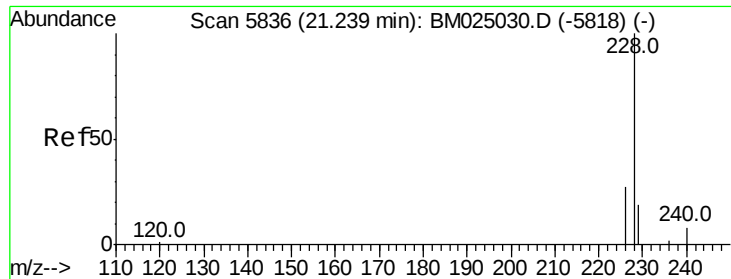


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.393 ng/ul

RT: 21.24 min Scan# 5834

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

Instrument :

BNA_M

ClientSampled :

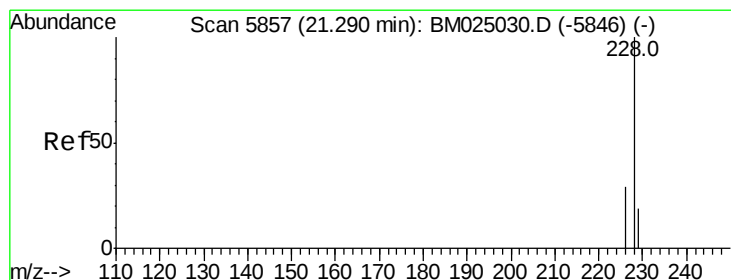
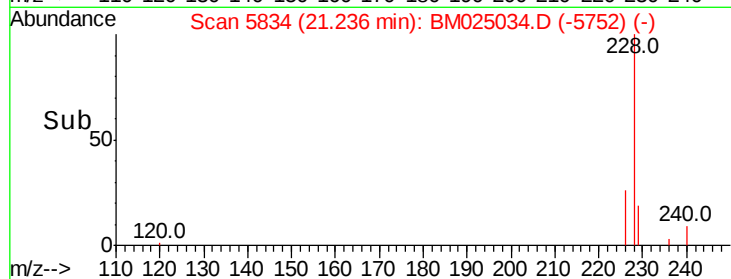
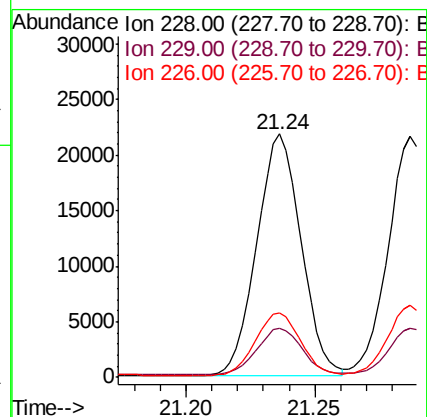
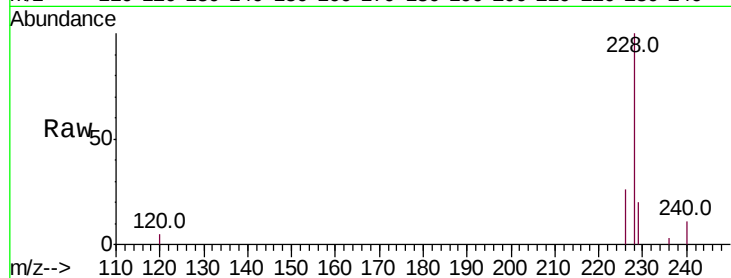
Tot Ion:228 Resp: 25971

Ion Ratio Lower Upper

228 100

229 20.1 16.6 25.0

226 26.4 21.9 32.9



#19

Chrysene

Concen: 0.397 ng/ul

RT: 21.29 min Scan# 5855

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

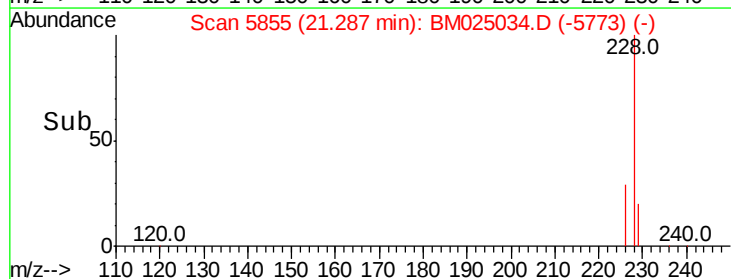
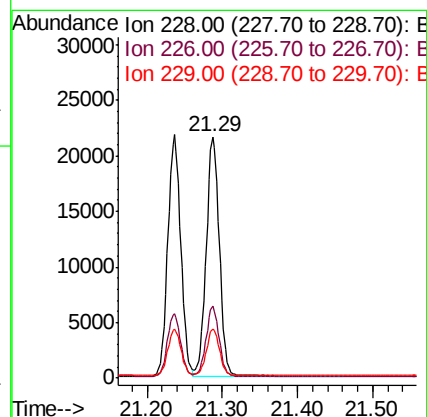
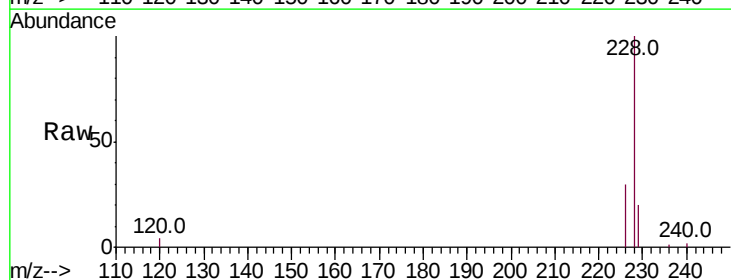
Tgt Ion:228 Resp: 26173

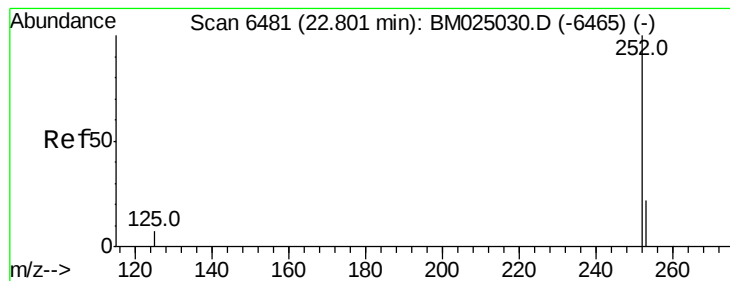
Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 20.5 16.9 25.3





#21

Benzo(b)fluoranthene

Concen: 0.411 ng/ul

RT: 22.80 min Scan# 6478

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

Instrument :

BNA_M

ClientSampleId :

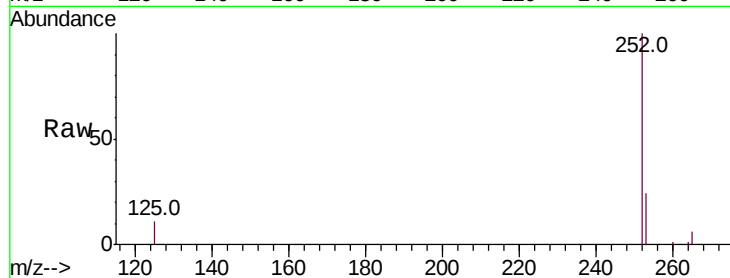
Tot Ion:252 Resp: 26666

Ion Ratio Lower Upper

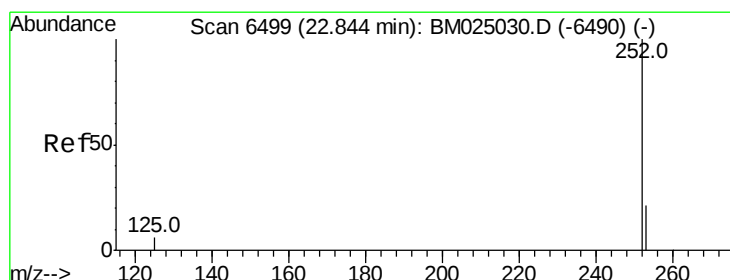
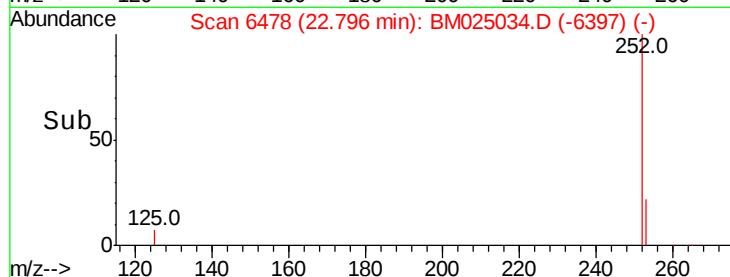
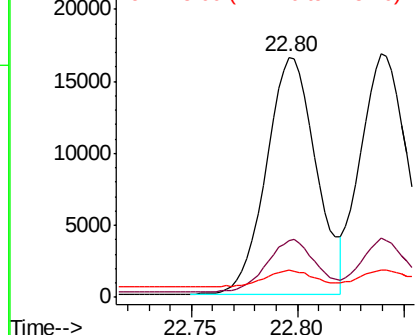
252 100

253 23.6 0.0 49.8

125 11.2 0.0 28.6



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: 0.404 ng/ul

RT: 22.84 min Scan# 6496

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

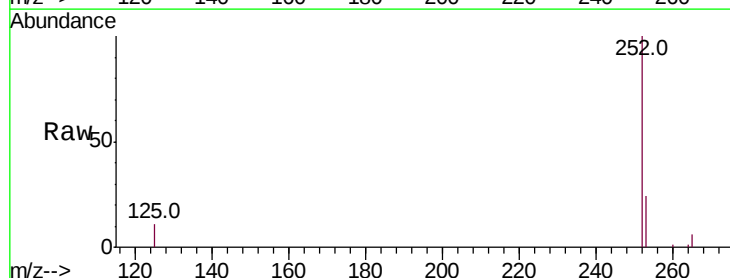
Tgt Ion:252 Resp: 25914

Ion Ratio Lower Upper

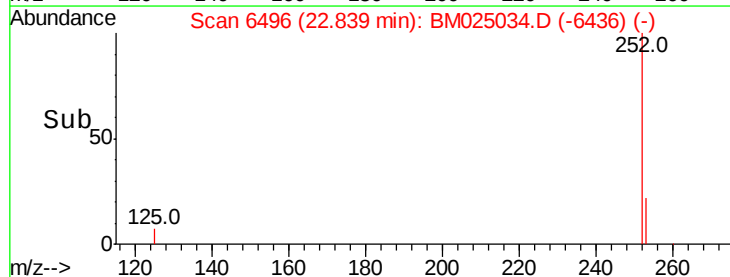
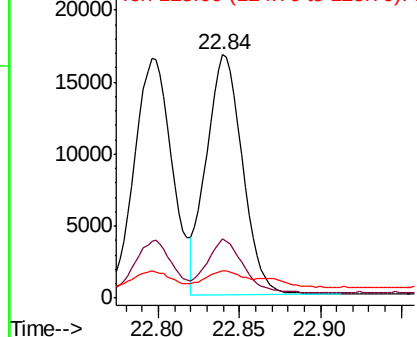
252 100

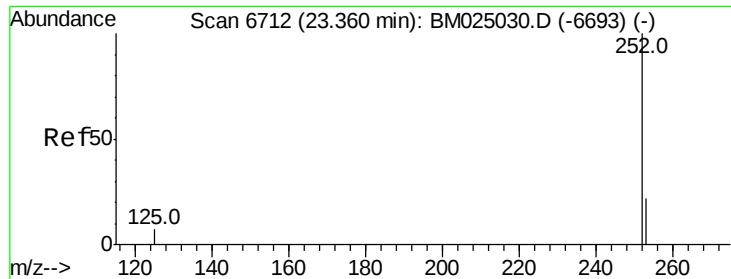
253 24.2 19.4 29.0

125 11.3 10.7 16.1



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: 0.409 ng/u1

RT: 23.36 min Scan# 6709

Delta R.T. -0.00 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

Instrument :

BNA_M

ClientSampleId :

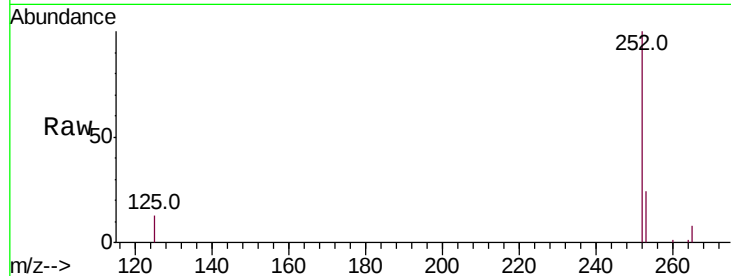
Tot Ion:252 Resp: 24218

Ion Ratio Lower Upper

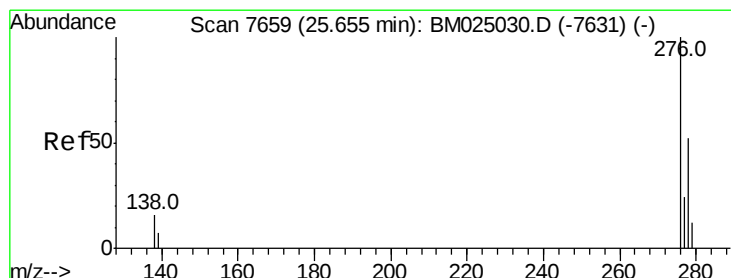
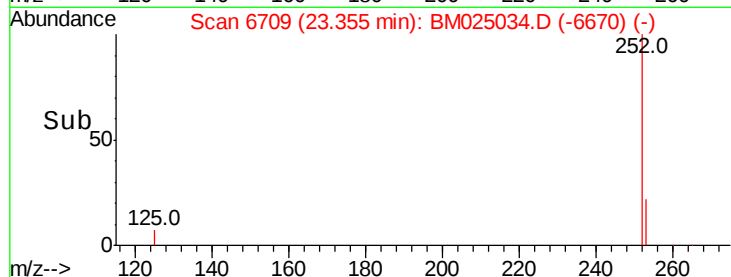
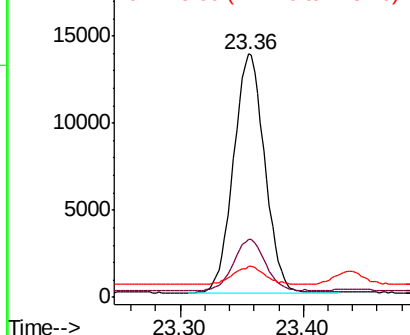
252 100

253 23.9 20.3 30.5

125 12.6 13.0 19.4#



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: 0.410 ng/u1

RT: 25.65 min Scan# 7655

Delta R.T. -0.01 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

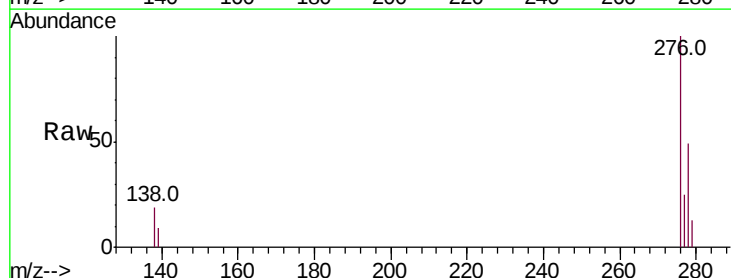
Tgt Ion:276 Resp: 30425

Ion Ratio Lower Upper

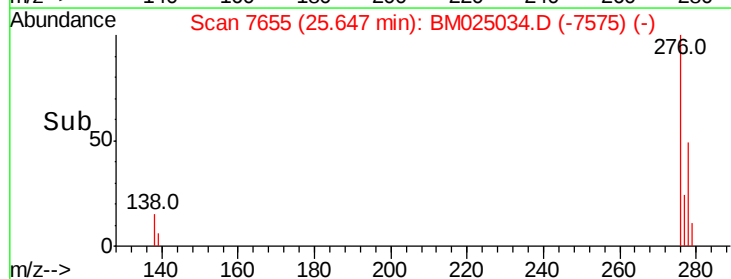
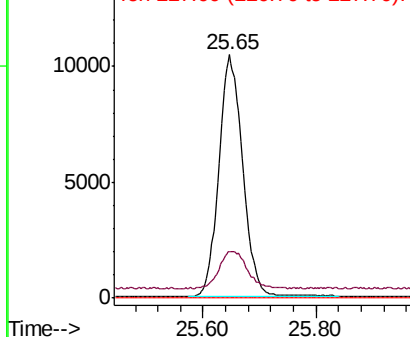
276 100

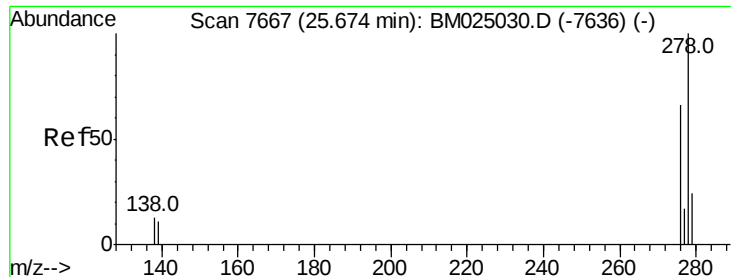
138 17.8 0.0 0.0#

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: 0.407 ng/ul

RT: 25.67 min Scan# 7663

Delta R.T. -0.01 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

Instrument :

BNA_M

ClientSampleId :

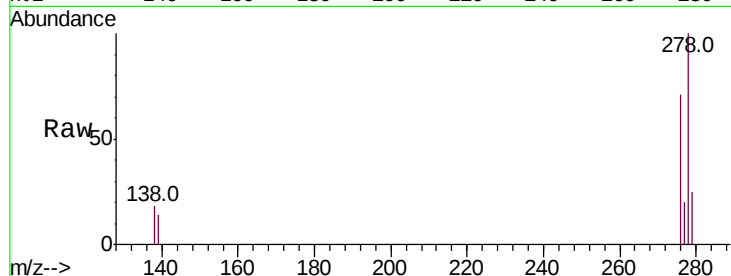
Tot Ion:278 Resp: 25350

Ion Ratio Lower Upper

278 100

139 14.4 13.2 19.8

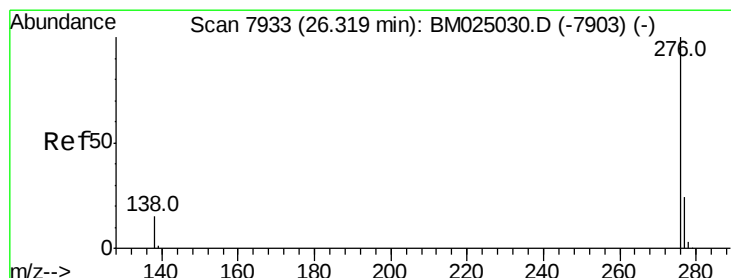
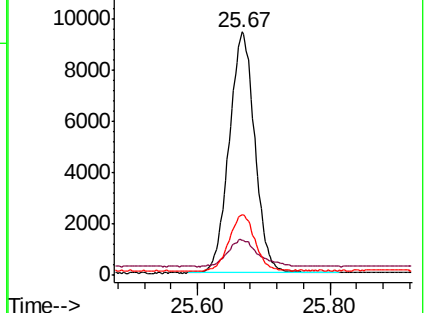
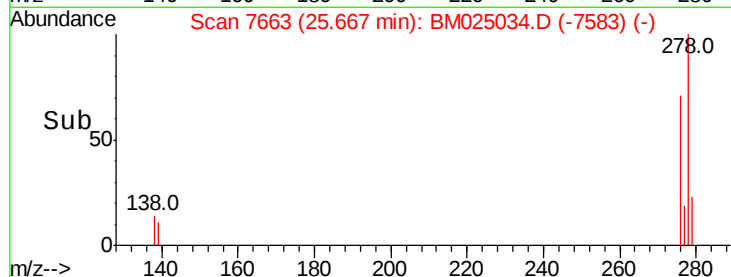
279 24.9 21.0 31.4



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: 0.409 ng/ul

RT: 26.31 min Scan# 7928

Delta R.T. -0.01 min

Lab File: BM025034.D

Acq: 24 Feb 2020 22:36

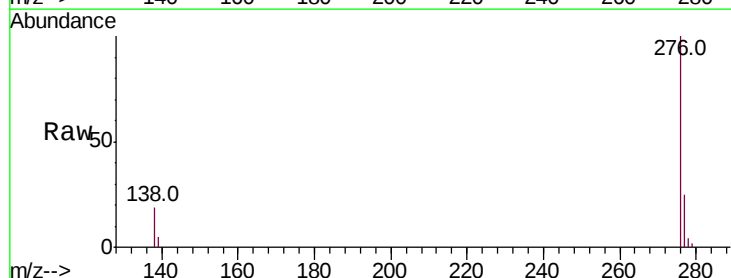
Tgt Ion:276 Resp: 25520

Ion Ratio Lower Upper

276 100

138 19.3 17.9 26.9

277 25.3 20.5 30.7



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

