

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025038.D
 Acq On : 25 Feb 2020 11:13
 Operator : CG/JU
 Sample : L1486-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCT2

Quant Time: Feb 25 11:57:51 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 11:03:43 2020
 Response via : Initial Calibration

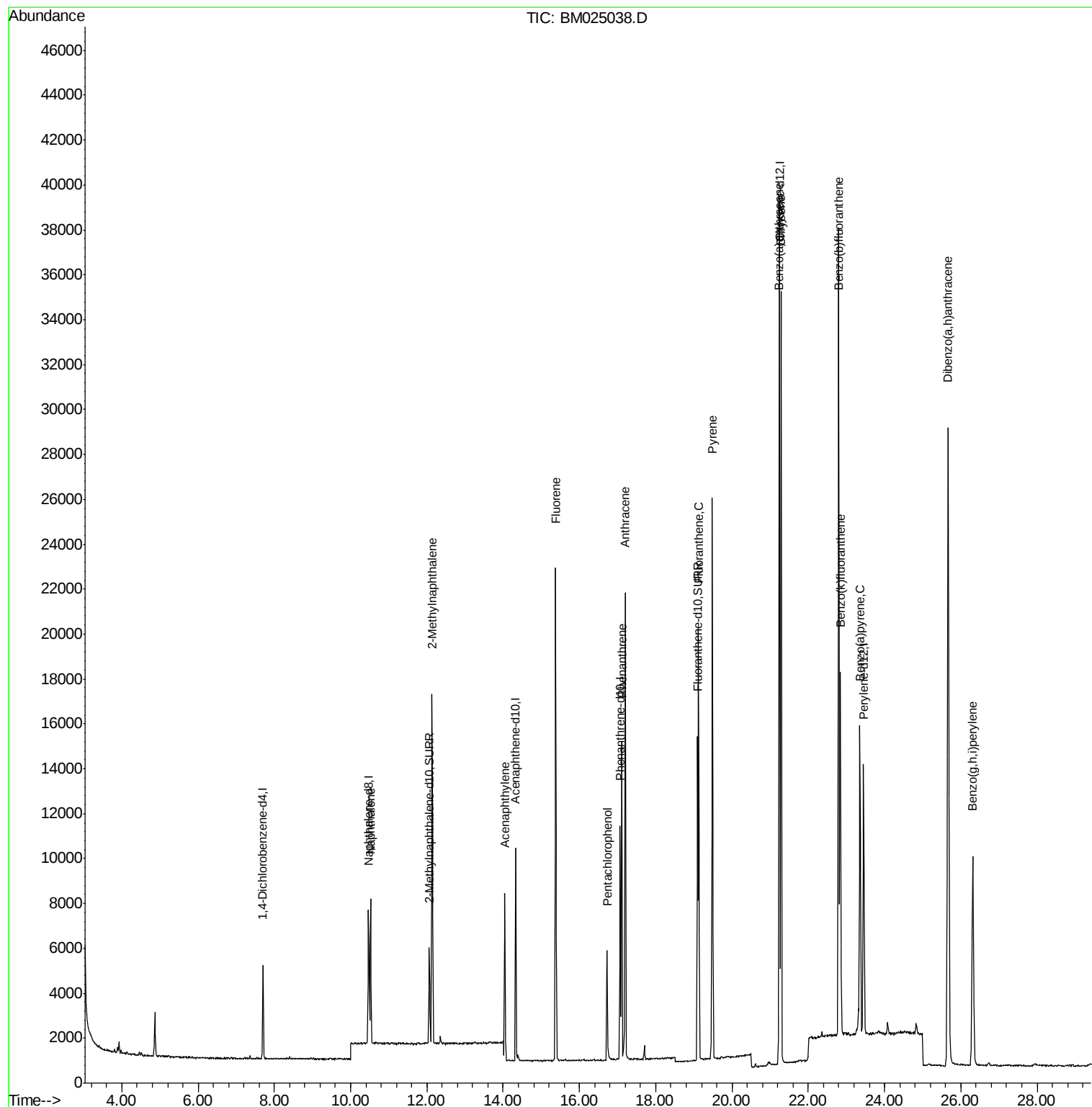
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2032	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	7976	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	5121	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	11894	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	13327	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	14438	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	5571	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	16103	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.52	128	8283	0.341	ng/ul#	86
5) 2-Methylnaphthalene	12.14	142	10784	0.616	ng/ul	99
7) Acenaphthylene	14.04	152	8031	0.272	ng/ul	96
9) Fluorene	15.38	166	13368	0.537	ng/ul	97
11) Pentachlorophenol	16.72	266	3522	0.969	ng/ul	99
12) Phenanthrene	17.11	178	14638	0.350	ng/ul	97
13) Anthracene	17.20	178	21515	0.531	ng/ul	96
15) Fluoranthene	19.13	202	16696	0.275	ng/ul	99
17) Pyrene	19.49	202	21072	0.351	ng/ul	98
18) Benzo(a)anthracene	21.24	228	29120	0.506	ng/ul	98
19) Chrysene	21.29	228	27356	0.477	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	44332	0.783	ng/ul	91
22) Benzo(k)fluoranthene	22.84	252	19695	0.351	ng/ul#	96
23) Benzo(a)pyrene	23.36	252	18918	0.366	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.67	278	44502	0.818	ng/ul#	94
26) Benzo(a,h,i)perylene	26.31	276	19339	0.354	ng/ul#	95

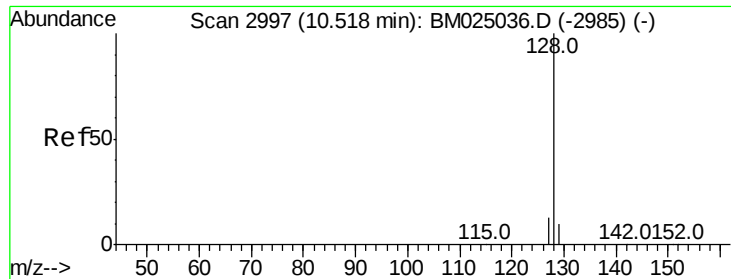
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.341 ng/ul

RT: 10.52 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

Instrument :

BNA_M

ClientSampleId :

DBCT2

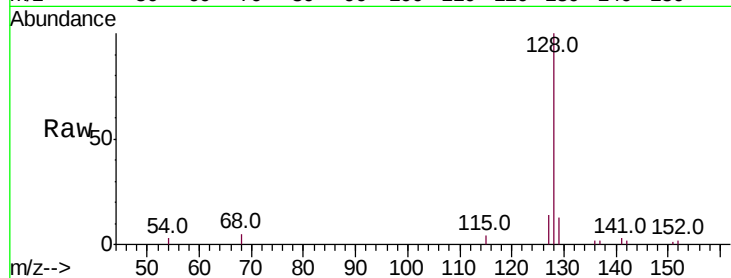
Tot Ion:128 Resp: 8283

Ion Ratio Lower Upper

128 100

129 13.5 17.0 25.6#

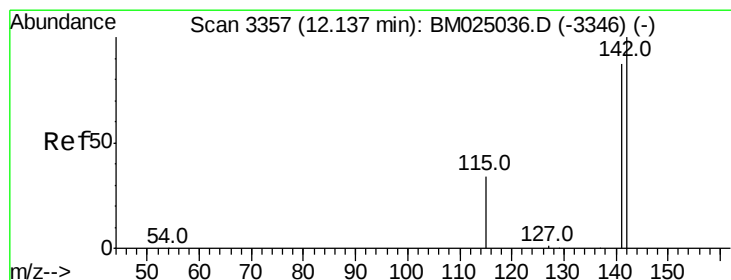
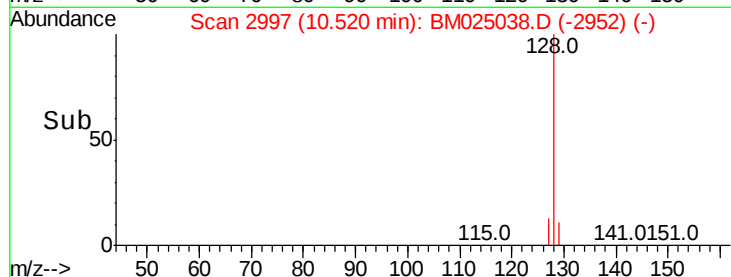
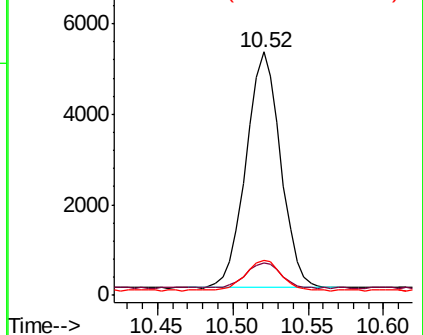
127 14.3 15.7 23.5#



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: 0.616 ng/ul

RT: 12.14 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM025038.D

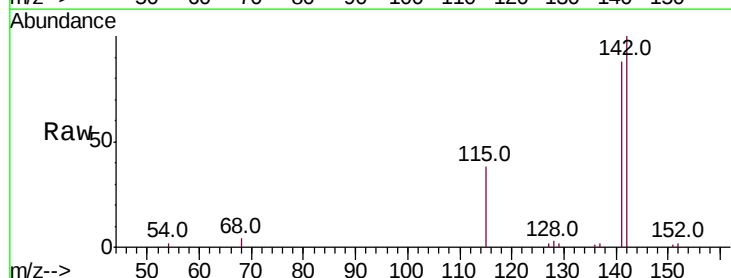
Acq: 25 Feb 2020 11:13

Tgt Ion:142 Resp: 10784

Ion Ratio Lower Upper

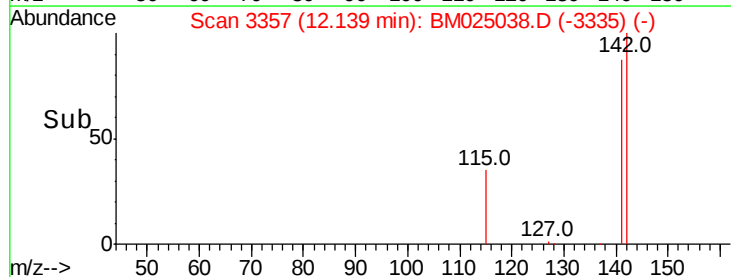
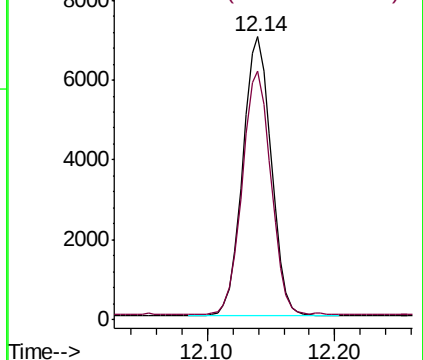
142 100

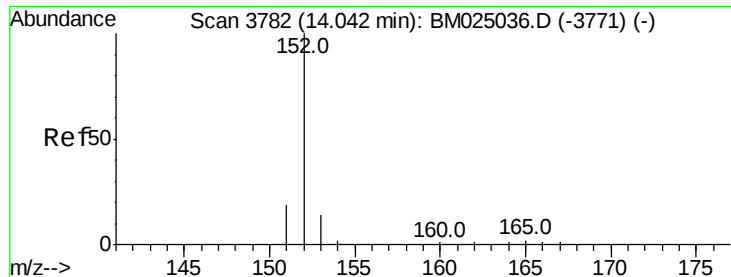
141 87.9 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.272 ng/ul

RT: 14.04 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

Instrument :

BNA_M

ClientSampleId :

DBCT2

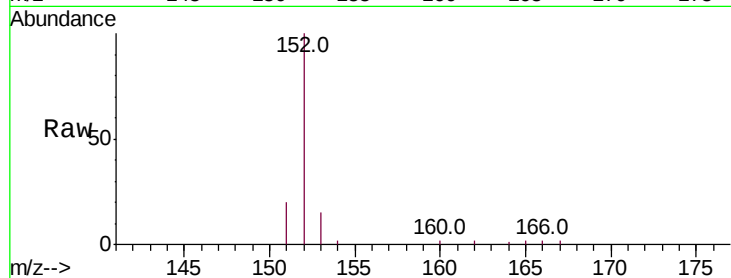
Tot Ion:152 Resp: 8031

Ion Ratio Lower Upper

152 100

151 20.3 17.8 26.8

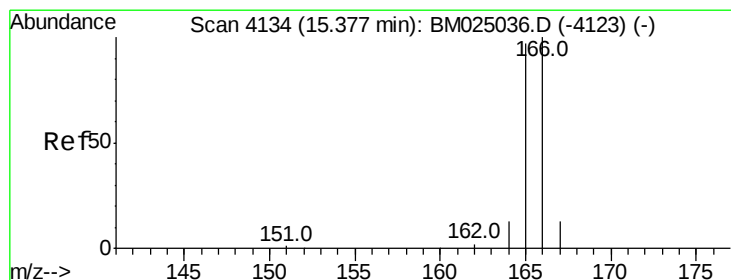
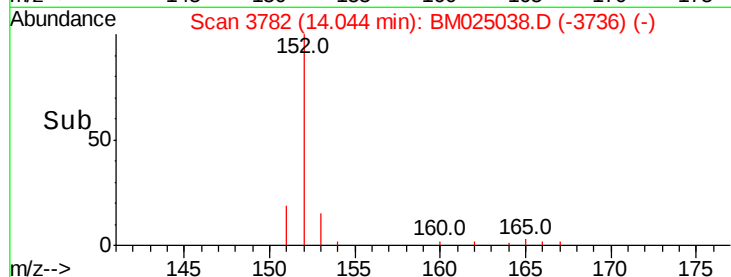
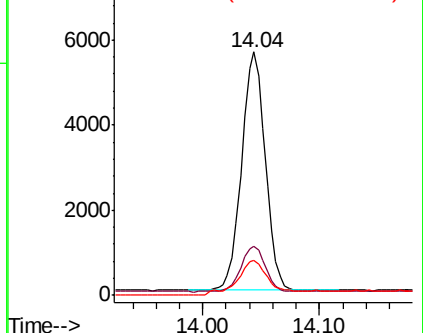
153 14.5 13.3 19.9



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



#9

Fluorene

Concen: 0.537 ng/ul

RT: 15.38 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

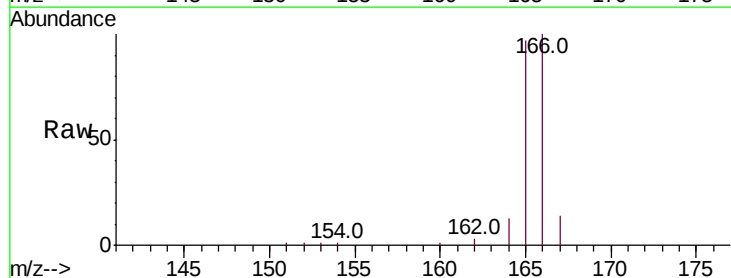
Tgt Ion:166 Resp: 13368

Ion Ratio Lower Upper

166 100

165 97.2 80.0 120.0

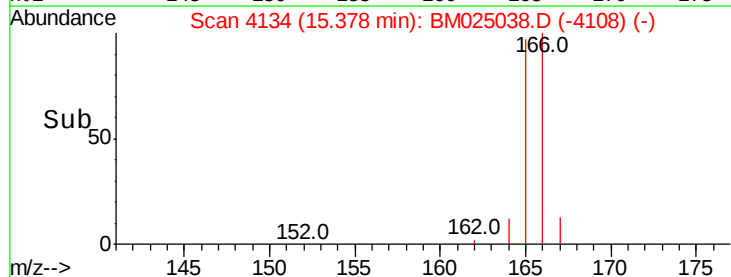
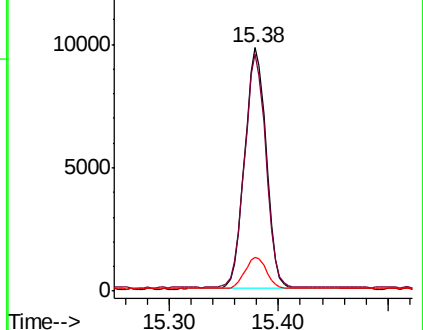
167 13.9 13.7 20.5

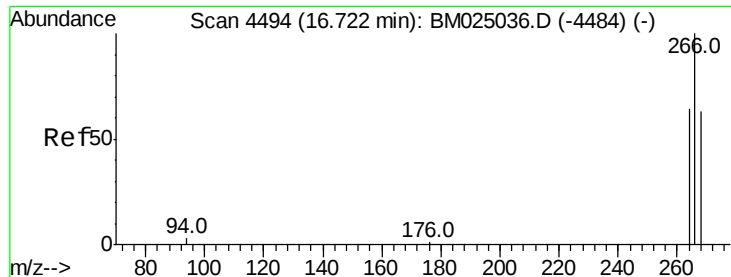


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

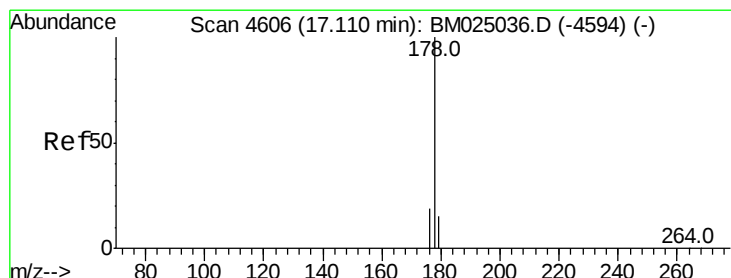
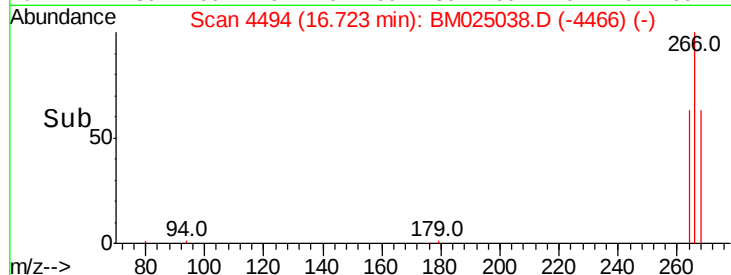
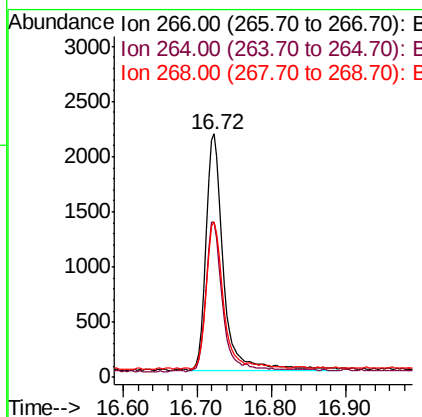
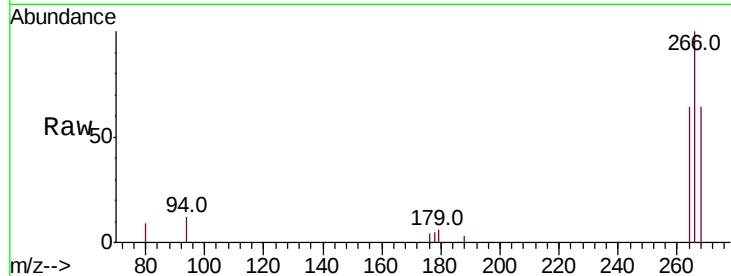




#11
 Pentachlorophenol
 Concen: 0.969 ng/ul
 RT: 16.72 min Scan# 4494
 Delta R.T. -0.00 min
 Lab File: BM025038.D
 Acq: 25 Feb 2020 11:13

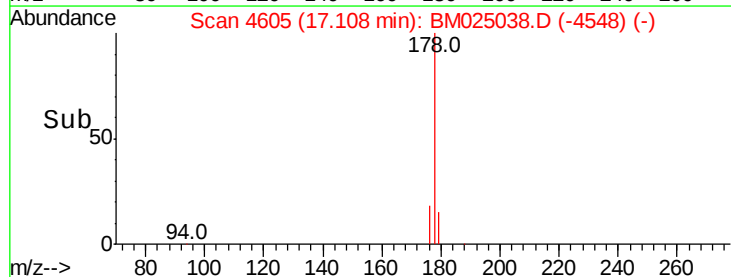
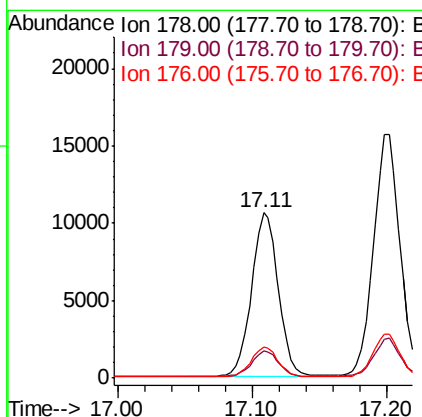
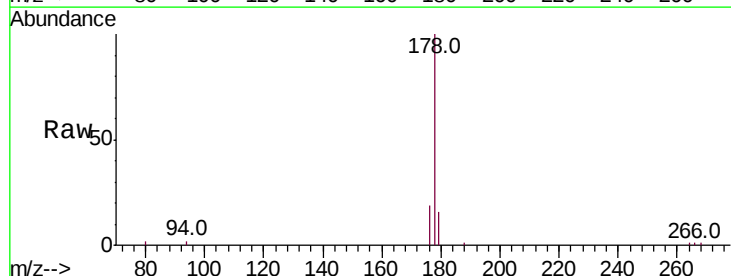
Instrument :
 BNA_M
 ClientSampleId :
 DBCT2

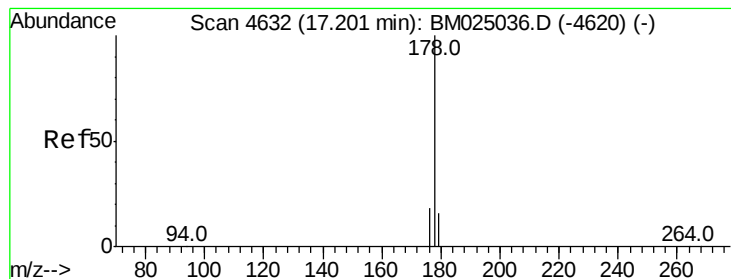
Tot Ion:266 Resp: 3522
 Ion Ratio Lower Upper
 266 100
 264 61.4 49.8 74.6
 268 60.7 49.0 73.4



#12
 Phenanthrene
 Concen: 0.350 ng/ul
 RT: 17.11 min Scan# 4605
 Delta R.T. -0.00 min
 Lab File: BM025038.D
 Acq: 25 Feb 2020 11:13

Tgt Ion:178 Resp: 14638
 Ion Ratio Lower Upper
 178 100
 179 16.2 14.0 21.0
 176 19.1 16.6 24.8





#13

Anthracene

Concen: 0.531 ng/ul

RT: 17.20 min Scan# 4631

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

Instrument :

BNA_M

ClientSampleId :

DBCT2

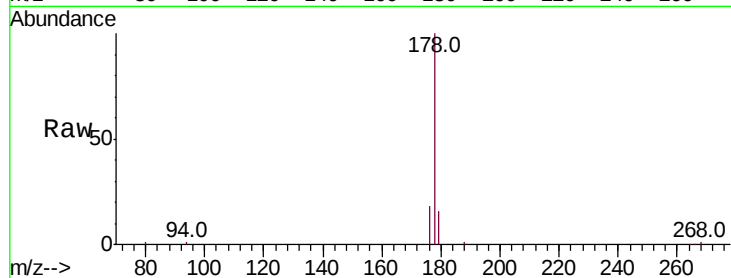
Tot Ion:178 Resp: 21515

Ion Ratio Lower Upper

178 100

179 16.0 14.1 21.1

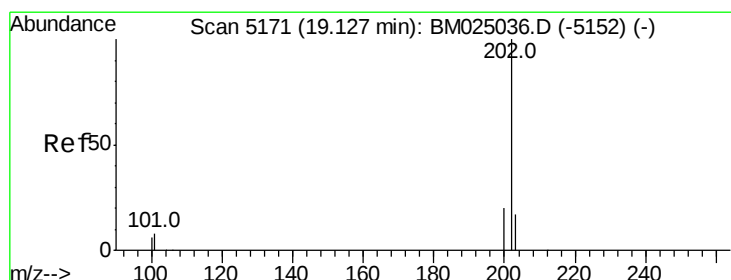
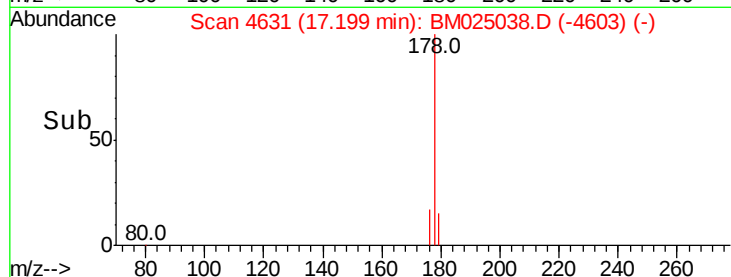
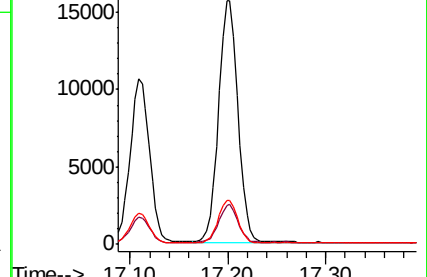
176 18.2 16.2 24.4



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: 0.275 ng/ul

RT: 19.13 min Scan# 5170

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

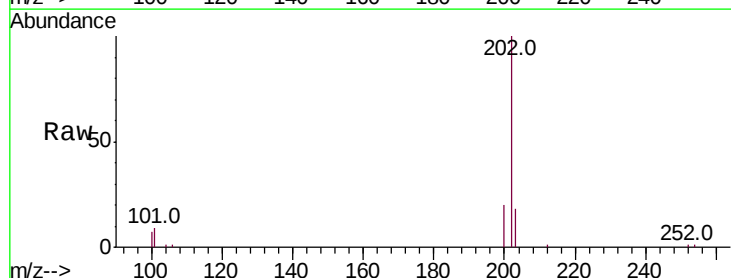
Tgt Ion:202 Resp: 16696

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.4

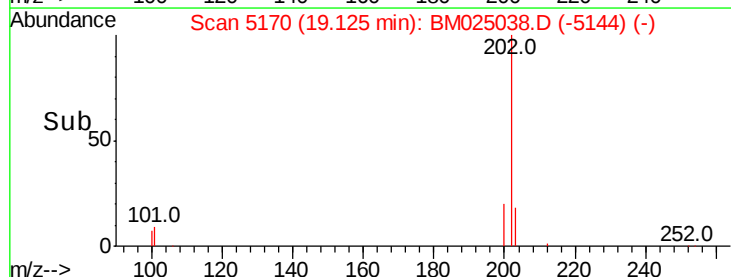
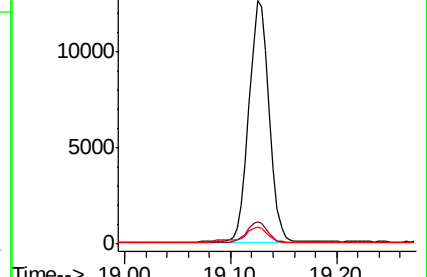
100 7.2 0.0 28.0

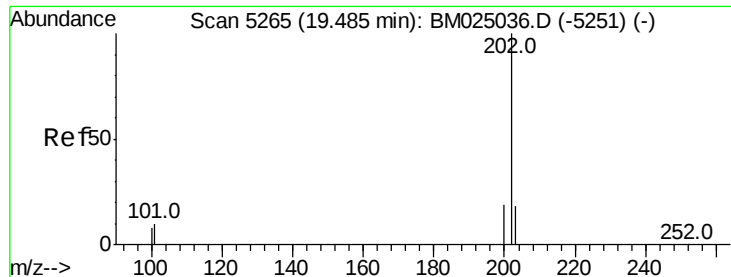


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

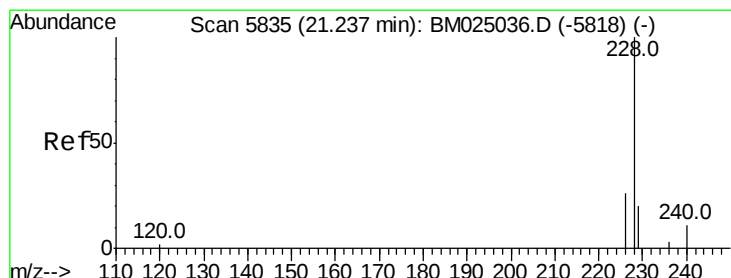
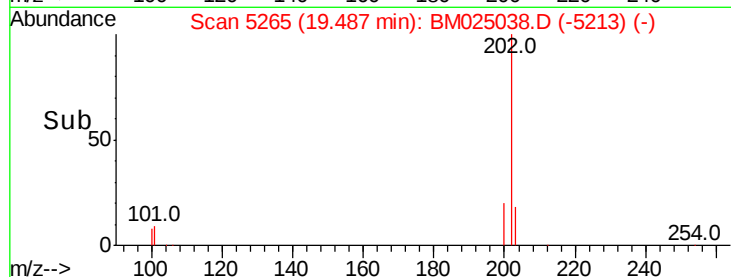
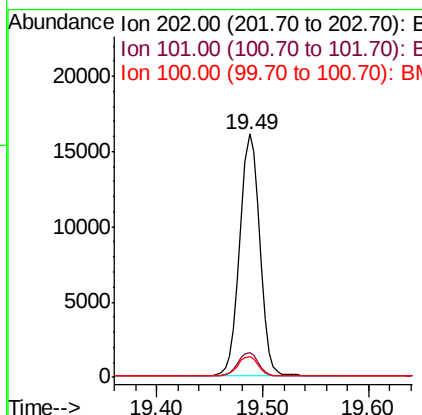
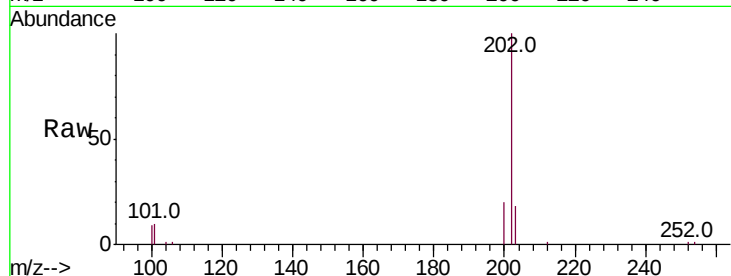




#17
Pvrene
Concen: 0.351 ng/ul
RT: 19.49 min Scan# 5265
Delta R.T. -0.00 min
Lab File: BM025038.D
Acq: 25 Feb 2020 11:13

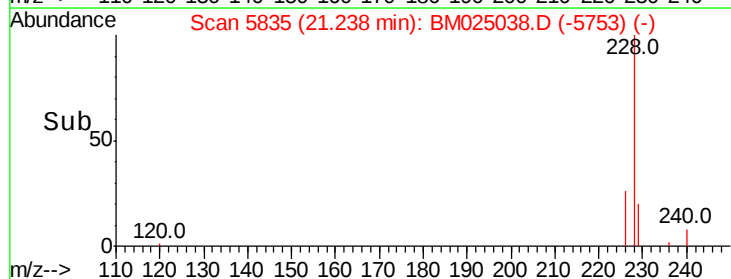
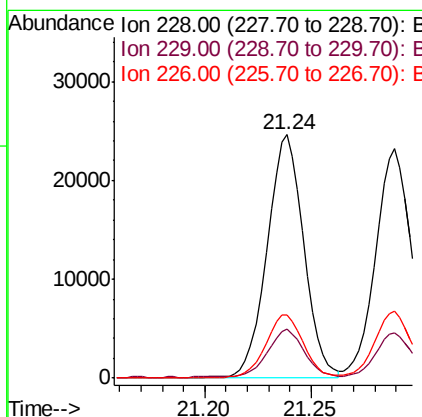
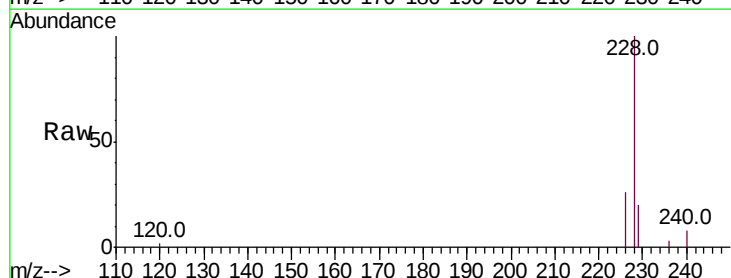
Instrument :
BNA_M
ClientSampleId :
DBCT2

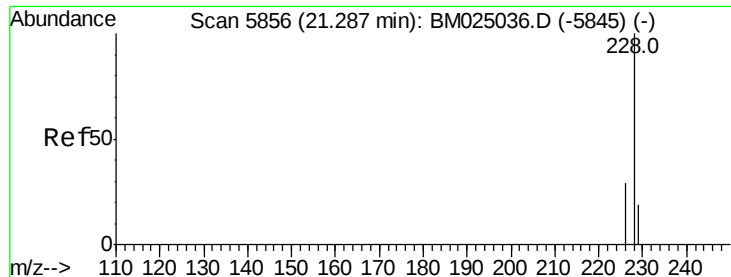
Tot Ion:202 Resp: 21072
Ion Ratio Lower Upper
202 100
101 10.1 8.7 13.1
100 8.8 7.3 10.9



#18
Benzo(a)anthracene
Concen: 0.506 ng/ul
RT: 21.24 min Scan# 5835
Delta R.T. -0.00 min
Lab File: BM025038.D
Acq: 25 Feb 2020 11:13

Tgt Ion:228 Resp: 29120
Ion Ratio Lower Upper
228 100
229 19.9 16.6 25.0
226 26.0 21.9 32.9





#19

Chrysene

Concen: 0.477 ng/ul

RT: 21.29 min Scan# 5856

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

Instrument :

BNA_M

ClientSampleId :

DBCT2

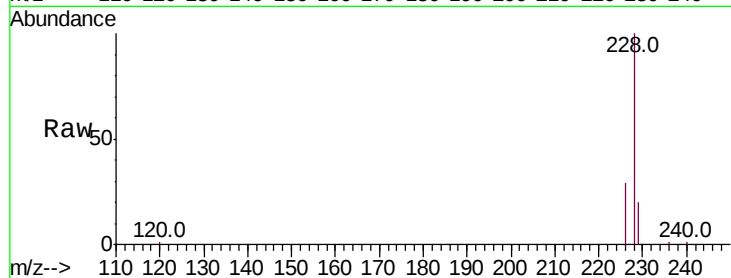
Tot Ion:228 Resp: 27356

Ion Ratio Lower Upper

228 100

226 29.1 23.8 35.8

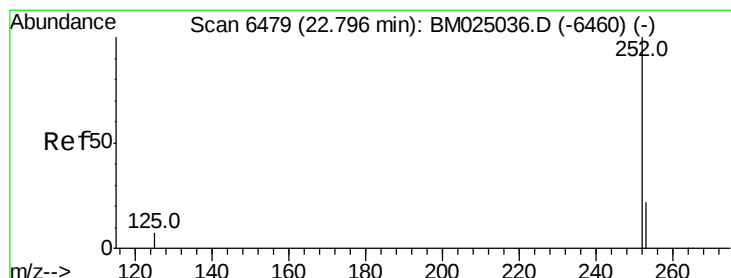
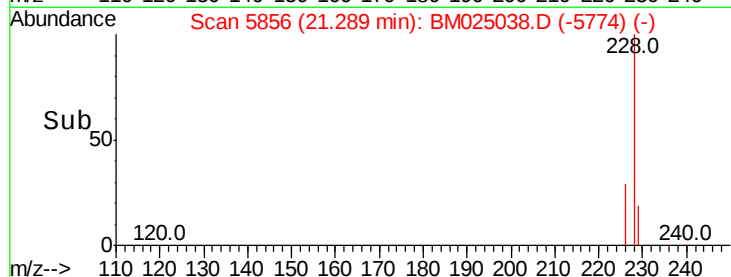
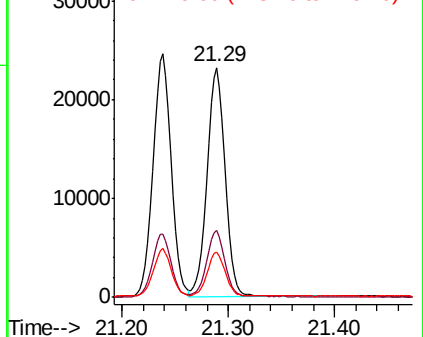
229 19.7 16.9 25.3



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: 0.783 ng/ul

RT: 22.80 min Scan# 6480

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

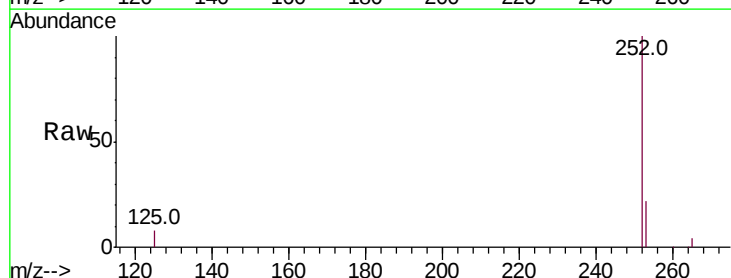
Tgt Ion:252 Resp: 44332

Ion Ratio Lower Upper

252 100

253 22.3 0.0 49.8

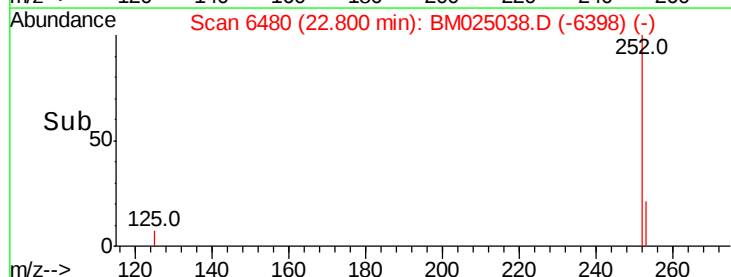
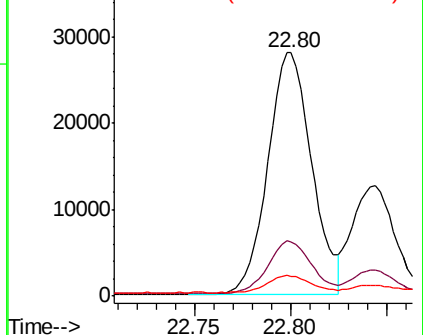
125 8.2 0.0 28.6

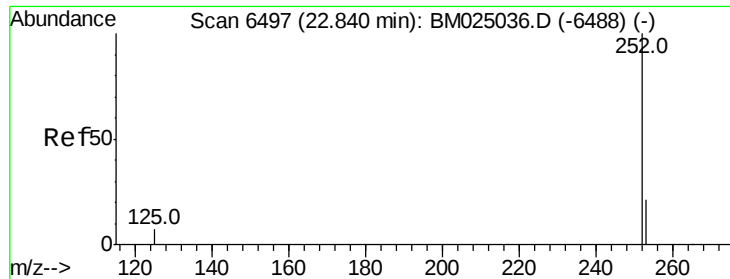


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.351 ng/ul

RT: 22.84 min Scan# 6498

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

Instrument :

BNA_M

ClientSampleId :

DBCT2

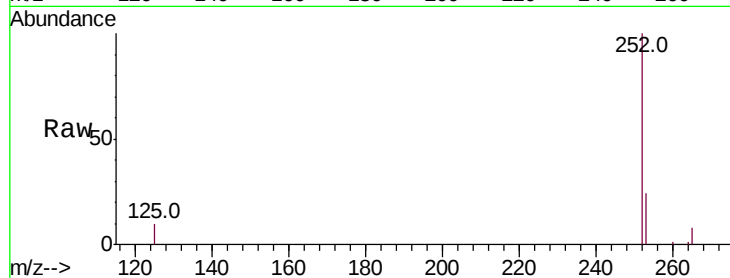
Tot Ion:252 Resp: 19695

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.0

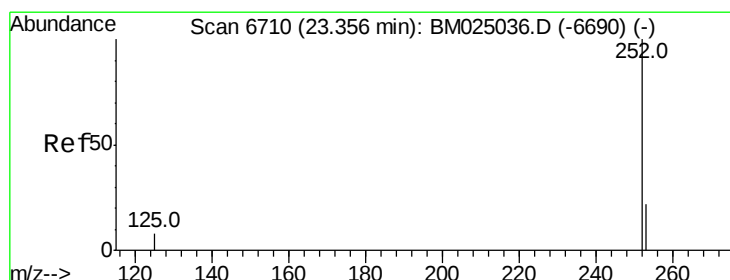
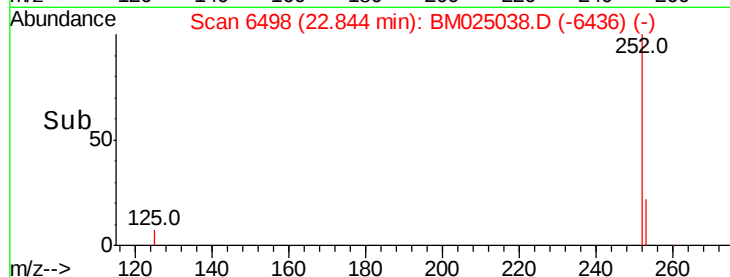
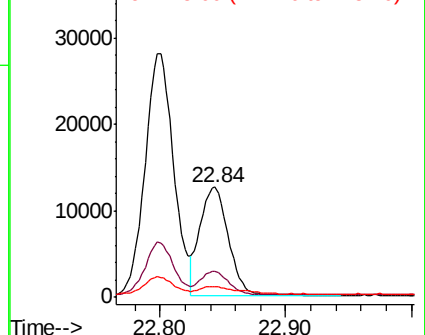
125 9.8 10.7 16.1#



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: 0.366 ng/ul

RT: 23.36 min Scan# 6710

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

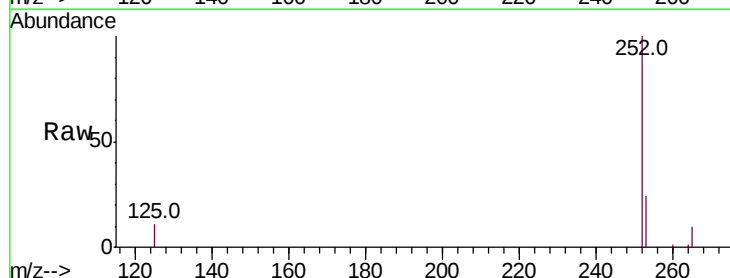
Tgt Ion:252 Resp: 18918

Ion Ratio Lower Upper

252 100

253 24.2 20.3 30.5

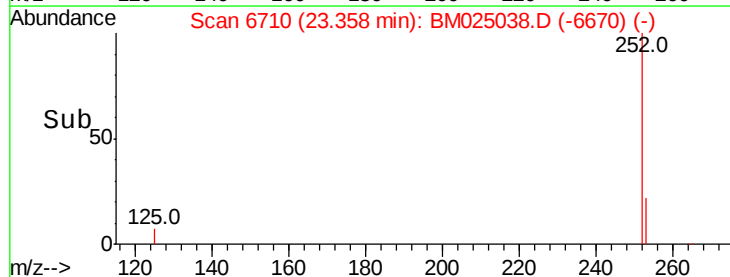
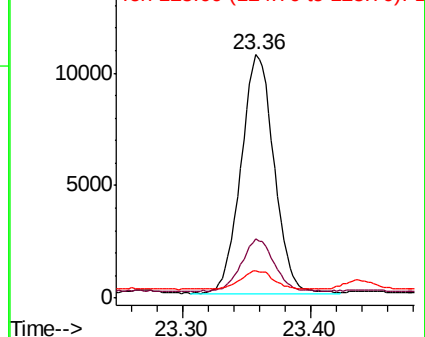
125 11.3 13.0 19.4#

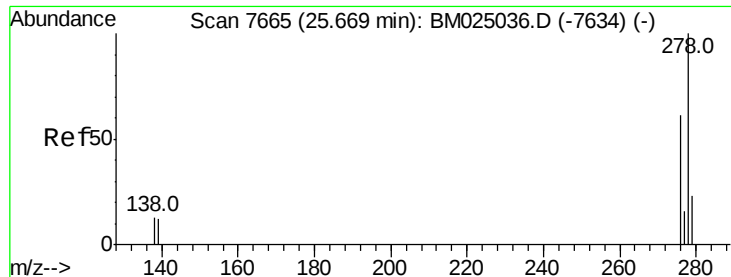


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.818 ng/ul

RT: 25.67 min Scan# 7665

Delta R.T. -0.00 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

Instrument :

BNA_M

ClientSampleId :

DBCT2

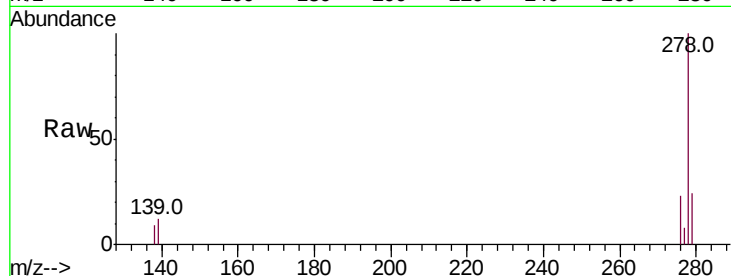
Tot Ion:278 Resp: 44502

Ion Ratio Lower Upper

278 100

139 12.4 13.2 19.8#

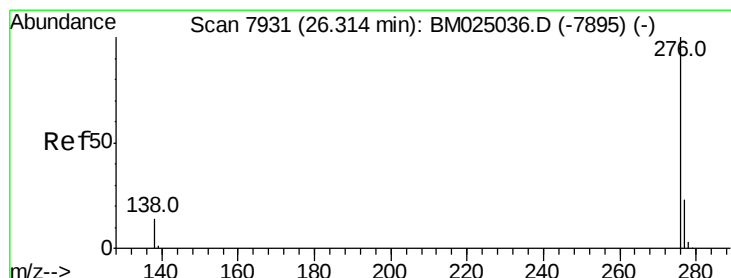
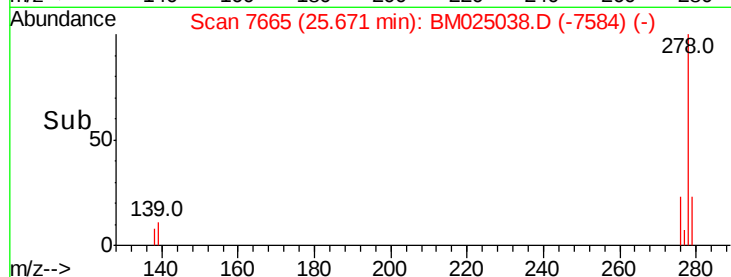
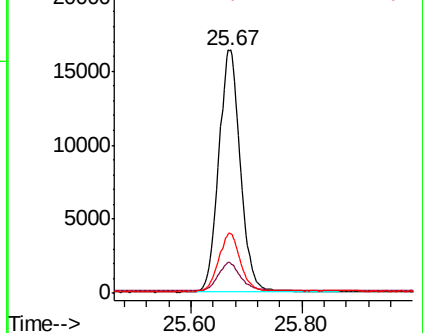
279 24.2 21.0 31.4



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: 0.354 ng/ul

RT: 26.31 min Scan# 7930

Delta R.T. -0.01 min

Lab File: BM025038.D

Acq: 25 Feb 2020 11:13

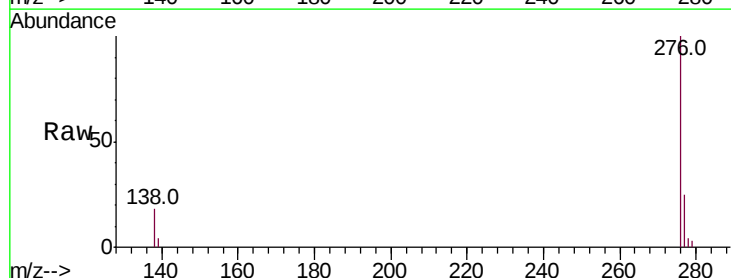
Tgt Ion:276 Resp: 19339

Ion Ratio Lower Upper

276 100

138 17.8 17.9 26.9#

277 24.7 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

