

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025416.D
 Acq On : 09 Mar 2020 15:31
 Operator : CG/JU
 Sample : L1612-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ2

Quant Time: Mar 09 16:09:15 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 : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

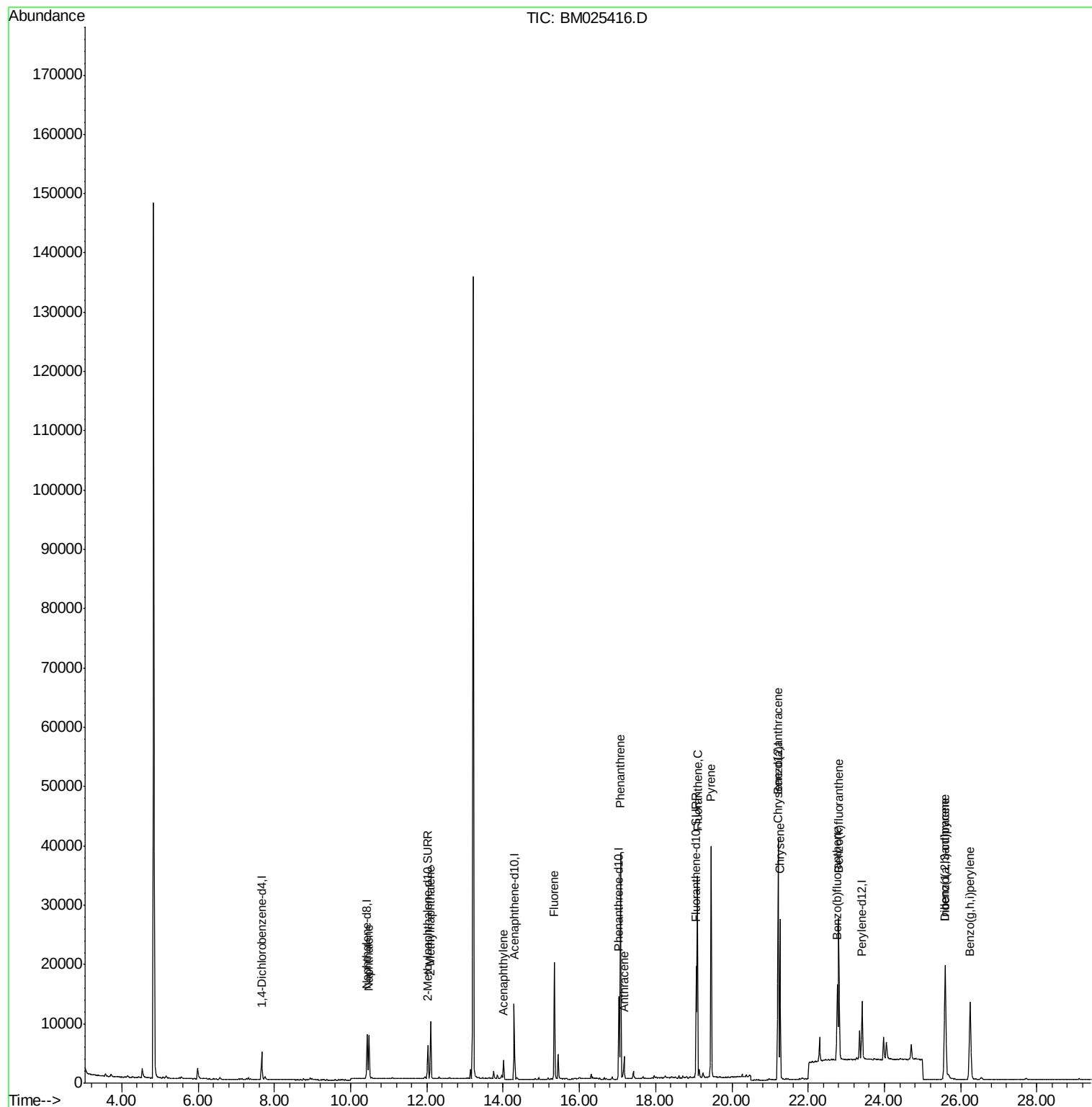
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	2314	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	9772	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	6911	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	16353	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13064	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	12004	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	7418	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	21321	0.47	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	9696	0.335	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	6970	0.337	ng/ul	100
7) Acenaphthylene	14.01	152	3375	0.120	ng/ul	96
9) Fluorene	15.34	166	12464	0.413	ng/ul	100
12) Phenanthrene	17.08	178	39531	0.763	ng/ul	100
13) Anthracene	17.17	178	3942	0.087	ng/ul#	94
15) Fluoranthene	19.10	202	30232	0.538	ng/ul	99
17) Pyrene	19.45	202	33323	0.568	ng/ul	98
18) Benzo(a)anthracene	21.21	228	32025	0.686	ng/ul	100
19) Chrysene	21.26	228	22781	0.434	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	15713	0.331	ng/ul	96
22) Benzo(k)fluoranthene	22.80	252	27451	0.551	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.59	276	21321	0.398	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.60	278	19211	0.426	ng/ul	98
26) Benzo(g,h,i)perylene	26.25	276	27494	0.592	ng/ul	98

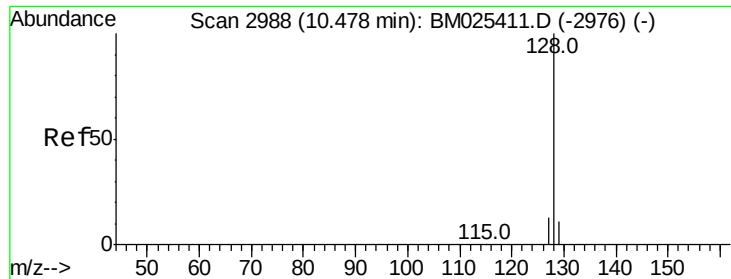
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.335 ng/ul

RT: 10.48 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

Instrument :

BNA_M

ClientSampleId :

DBDJ2

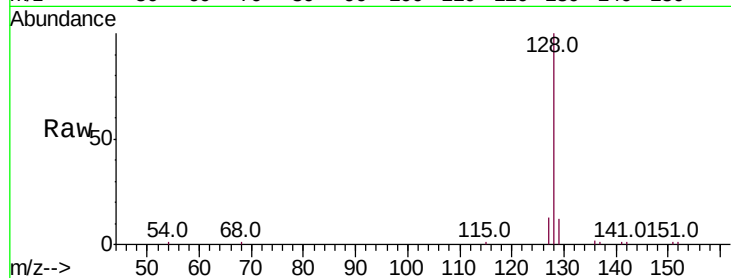
Tot Ion:128 Resp: 9696

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

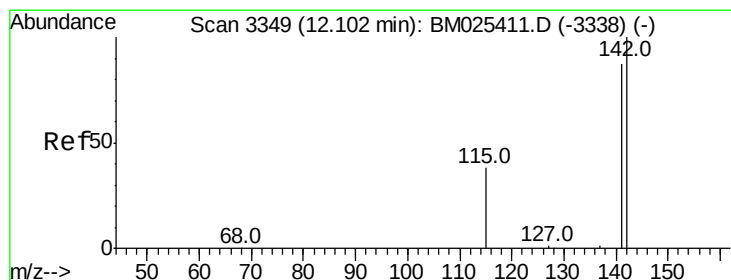
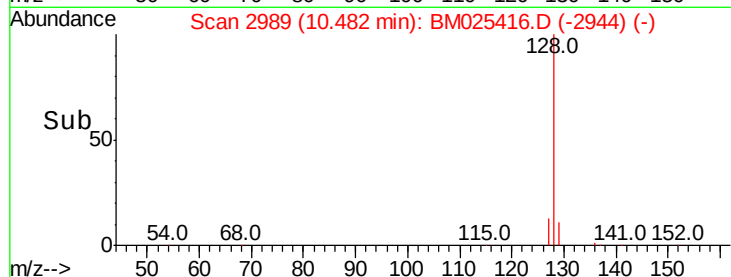
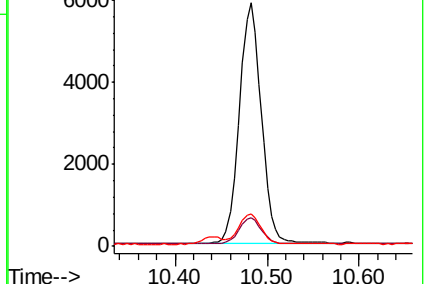
127 13.4 10.9 16.3



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: 0.337 ng/ul

RT: 12.10 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BM025416.D

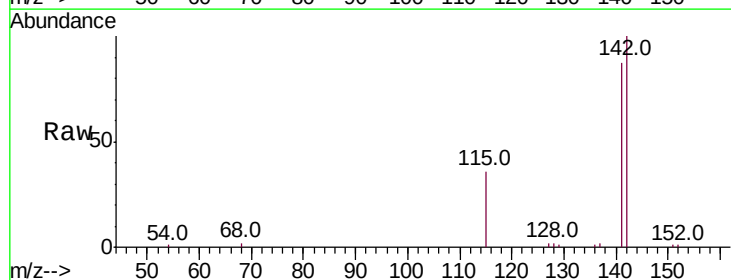
Acq: 09 Mar 2020 15:31

Tgt Ion:142 Resp: 6970

Ion Ratio Lower Upper

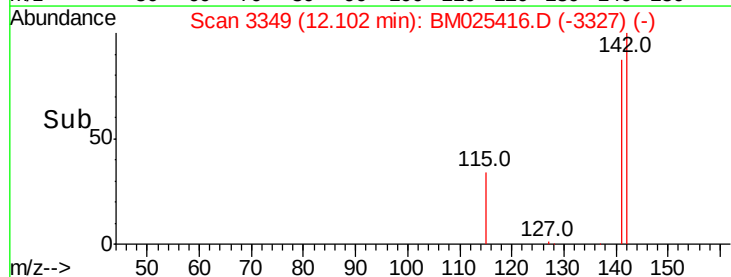
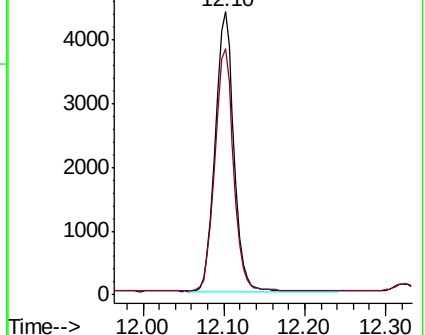
142 100

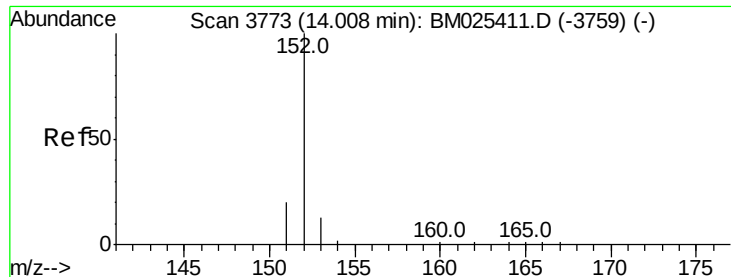
141 86.8 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

Instrument :

BNA_M

ClientSampleId :

DBDJ2

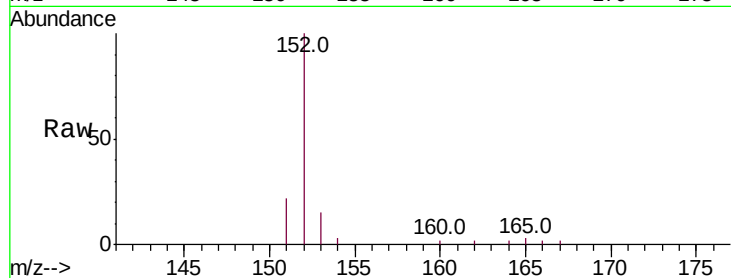
Tot Ion:152 Resp: 3375

Ion Ratio Lower Upper

152 100

151 22.1 16.2 24.2

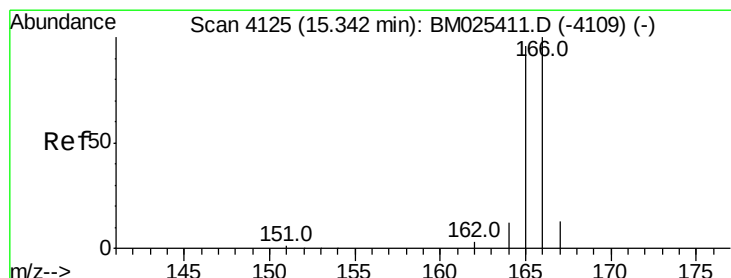
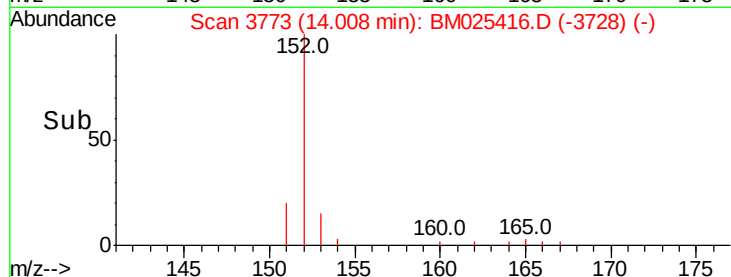
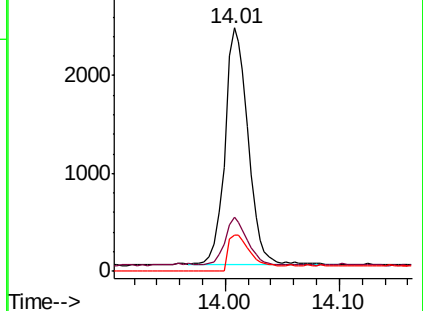
153 14.9 10.6 16.0



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



#9

Fluorene

Concen: 0.413 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

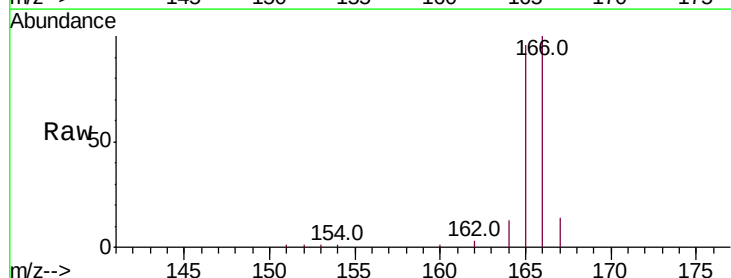
Tgt Ion:166 Resp: 12464

Ion Ratio Lower Upper

166 100

165 96.3 76.8 115.2

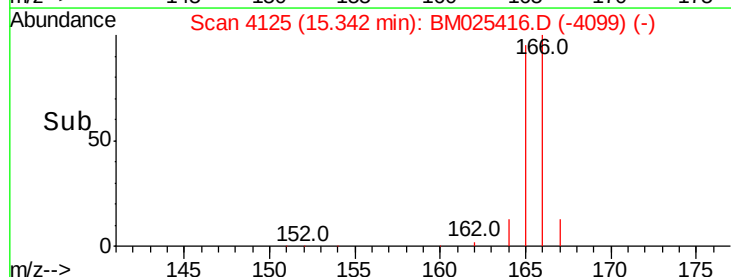
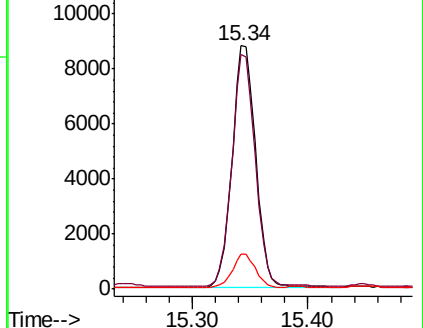
167 14.1 11.2 16.8

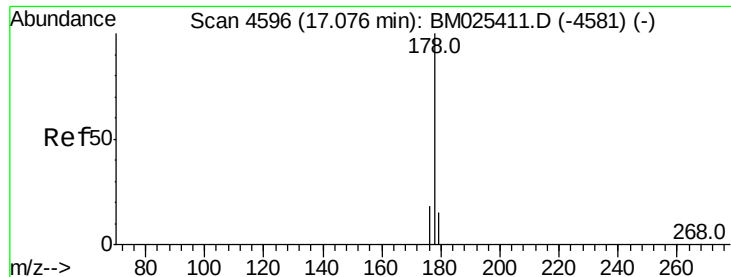


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.763 ng/ul

RT: 17.08 min Scan# 4596

Delta R.T. -0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

Instrument :

BNA_M

ClientSampleId :

DBDJ2

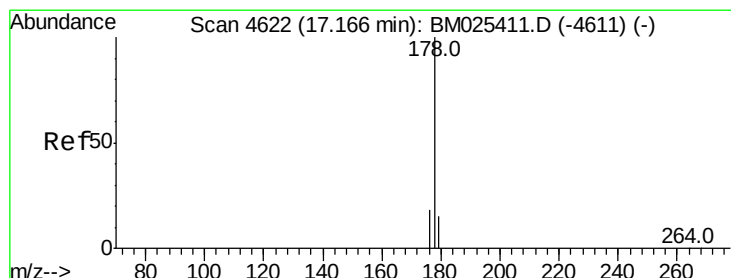
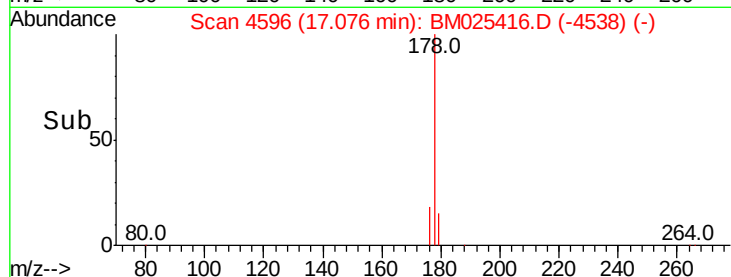
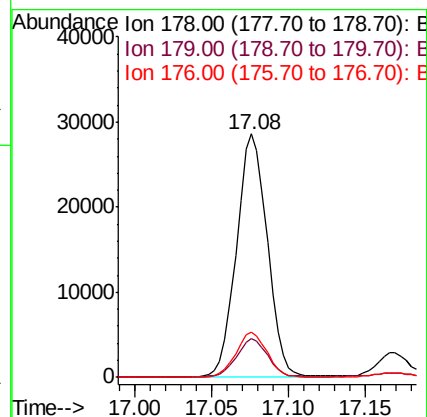
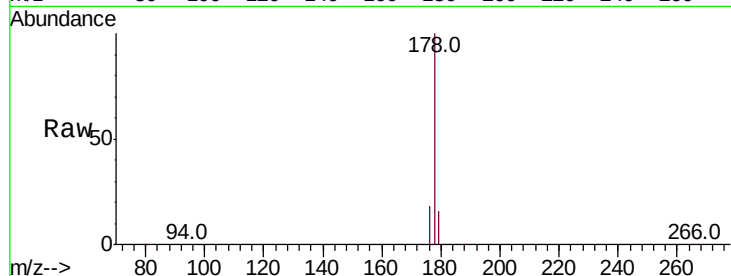
Tot Ion:178 Resp: 39531

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.3 14.8 22.2



#13

Anthracene

Concen: 0.087 ng/ul

RT: 17.17 min Scan# 4623

Delta R.T. 0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

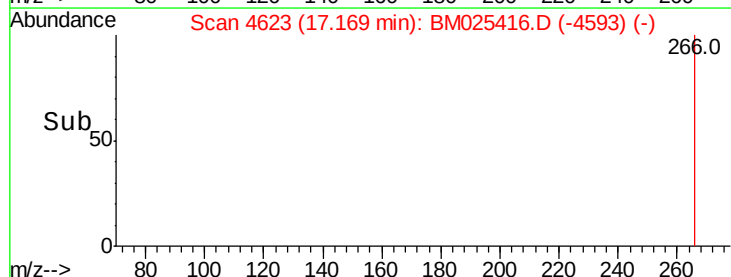
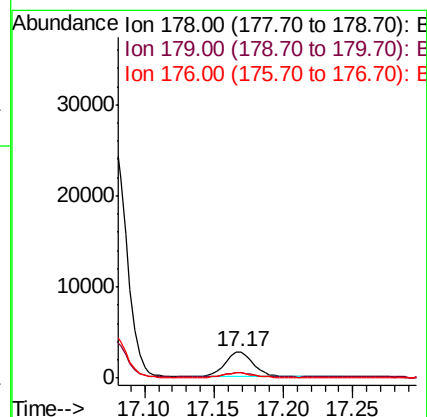
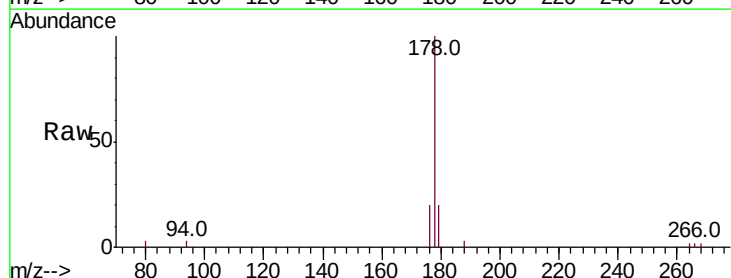
Tgt Ion:178 Resp: 3942

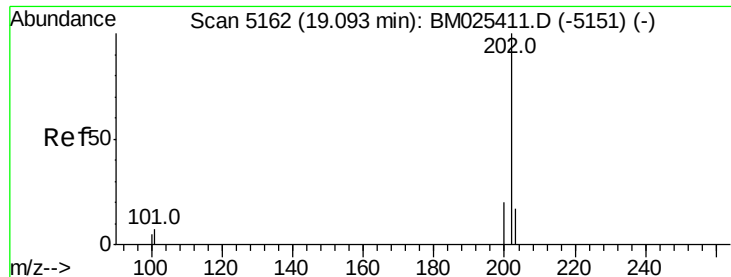
Ion Ratio Lower Upper

178 100

179 19.9 12.6 18.8#

176 19.6 14.5 21.7





#15

Fluoranthene

Concen: 0.538 ng/ul

RT: 19.10 min Scan# 5163

Delta R.T. 0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

Instrument :

BNA_M

ClientSampleId :

DBDJ2

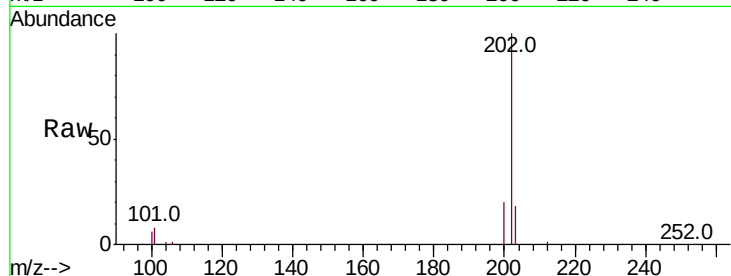
Tot Ion:202 Resp: 30232

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.5

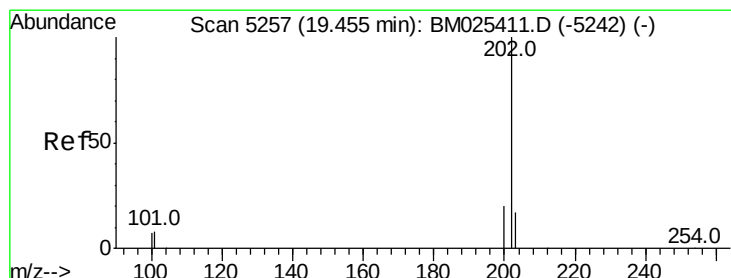
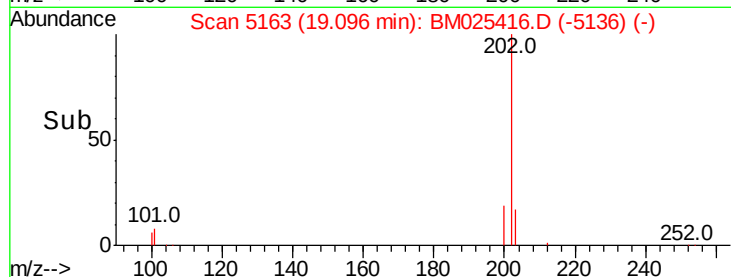
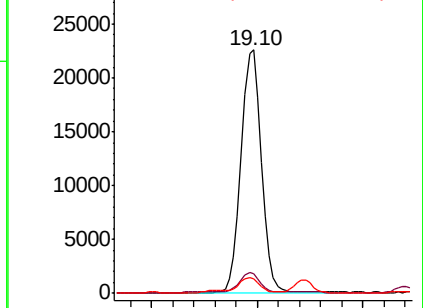
100 6.0 0.0 26.0



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: 0.568 ng/ul

RT: 19.45 min Scan# 5257

Delta R.T. -0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

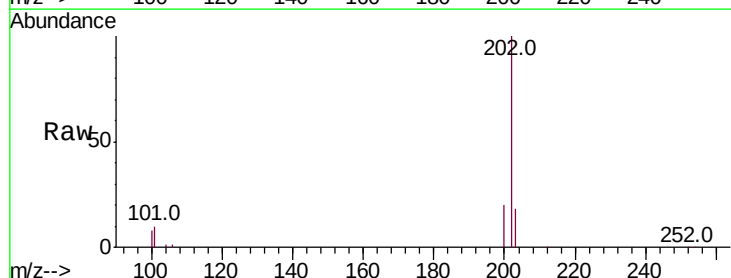
Tgt Ion:202 Resp: 33323

Ion Ratio Lower Upper

202 100

101 9.9 7.1 10.7

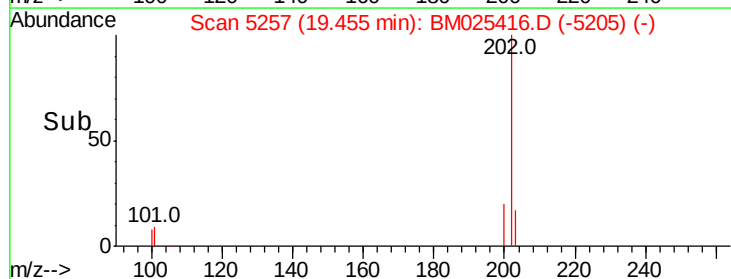
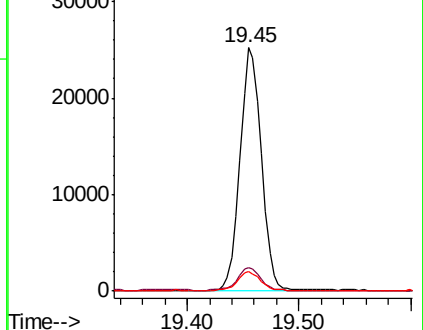
100 8.2 6.0 9.0

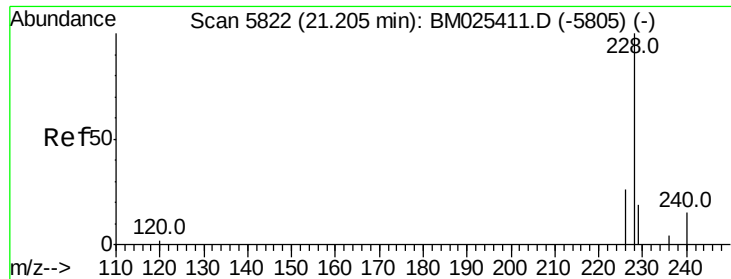


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

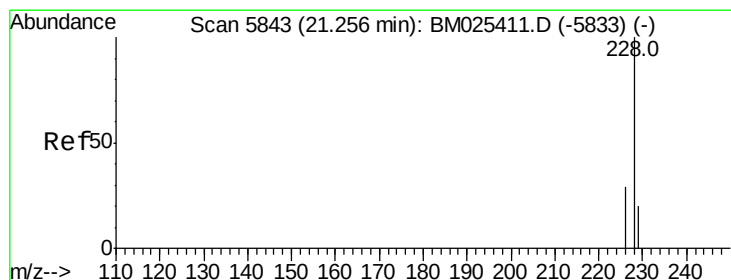
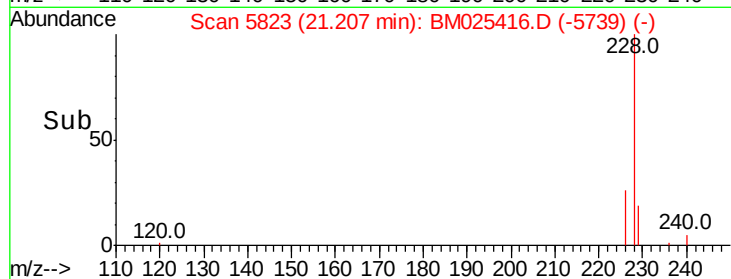
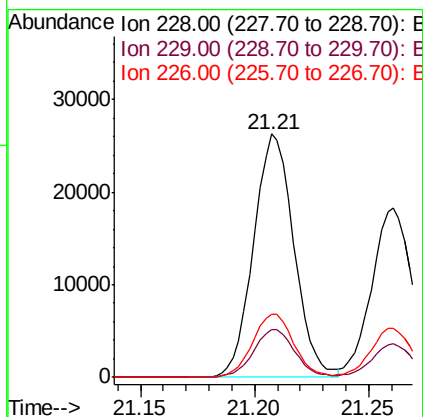
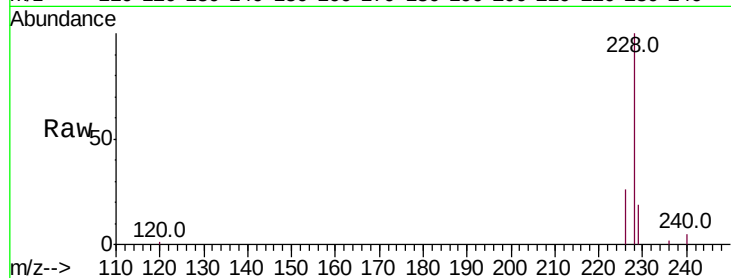




#18
Benzo(a)anthracene
Concen: 0.686 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. 0.00 min
Lab File: BM025416.D
Acq: 09 Mar 2020 15:31

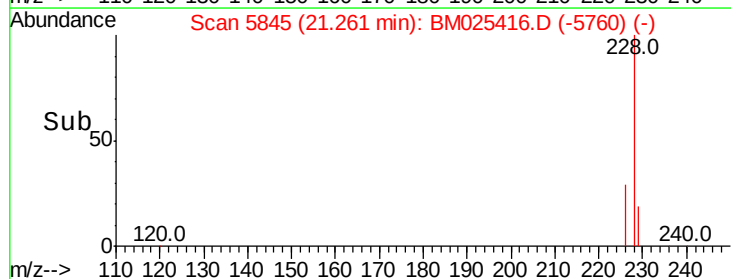
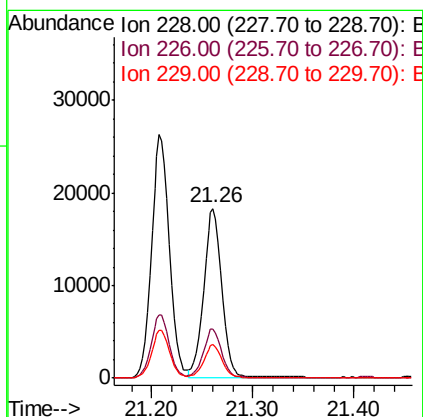
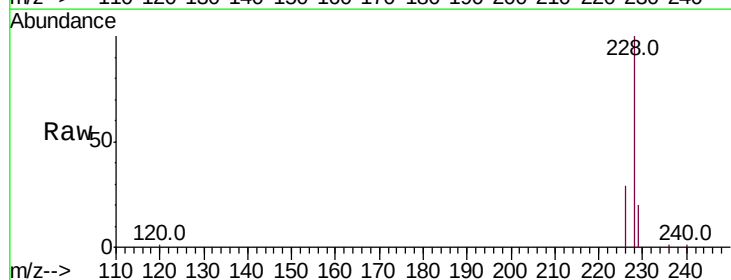
Instrument :
BNA_M
ClientSampleId :
DBDJ2

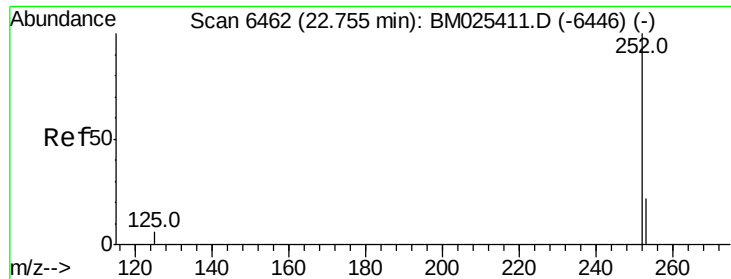
Tot Ion:228 Resp: 32025
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 26.1 21.1 31.7



#19
Chrysene
Concen: 0.434 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. 0.00 min
Lab File: BM025416.D
Acq: 09 Mar 2020 15:31

Tgt Ion:228 Resp: 22781
Ion Ratio Lower Upper
228 100
226 28.8 23.6 35.4
229 19.8 16.3 24.5





#21

Benzo(b)fluoranthene

Concen: 0.331 ng/ul

RT: 22.76 min Scan# 6464

Delta R.T. 0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

Instrument :

BNA_M

ClientSampleId :

DBDJ2

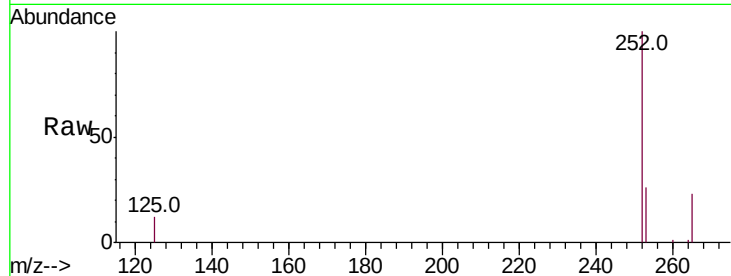
Tot Ion:252 Resp: 15713

Ion Ratio Lower Upper

252 100

253 26.4 0.0 50.2

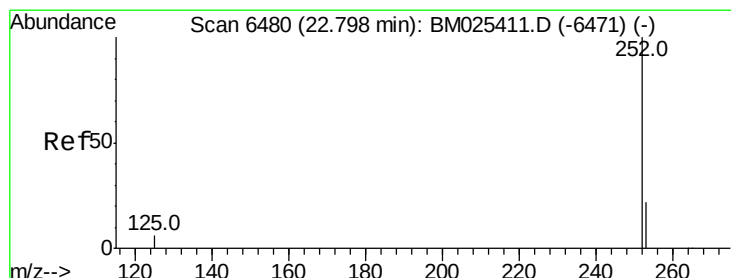
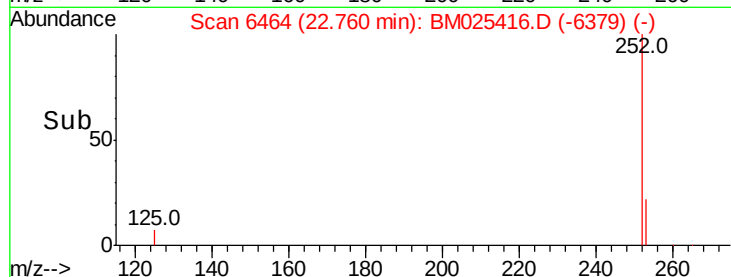
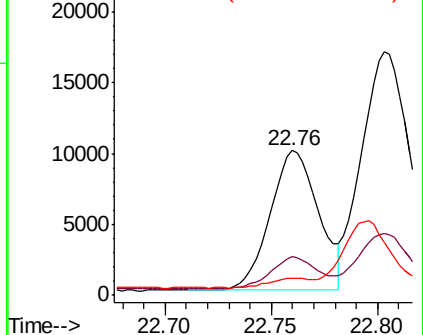
125 11.7 0.0 17.6



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: 0.551 ng/ul

RT: 22.80 min Scan# 6482

Delta R.T. 0.00 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

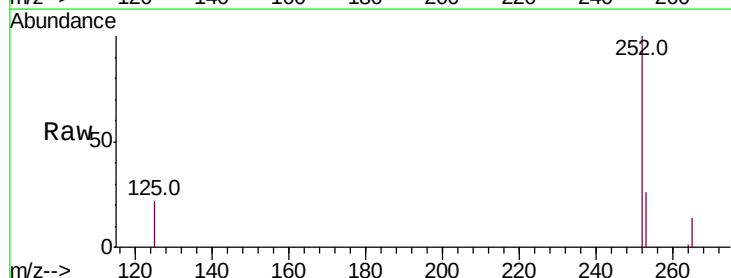
Tgt Ion:252 Resp: 27451

Ion Ratio Lower Upper

252 100

253 25.5 19.8 29.8

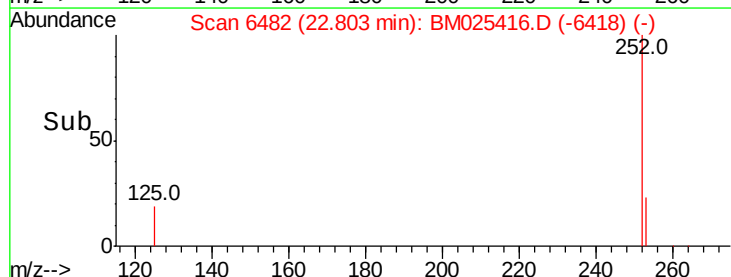
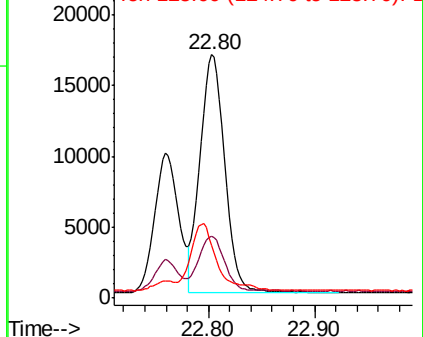
125 21.8 7.1 10.7#

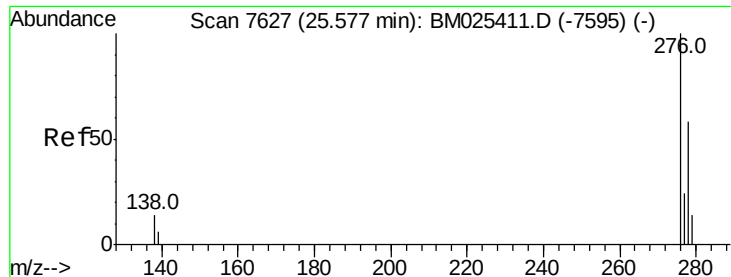


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



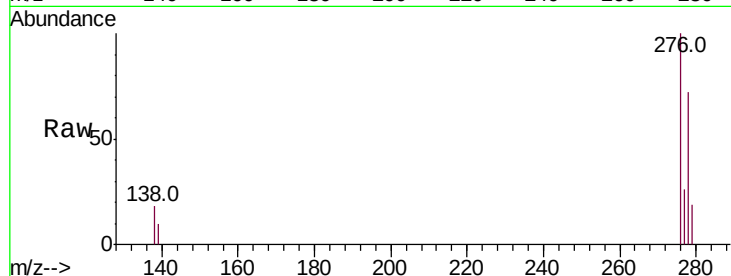


#24

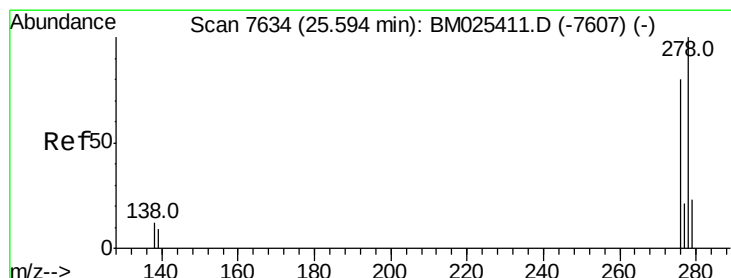
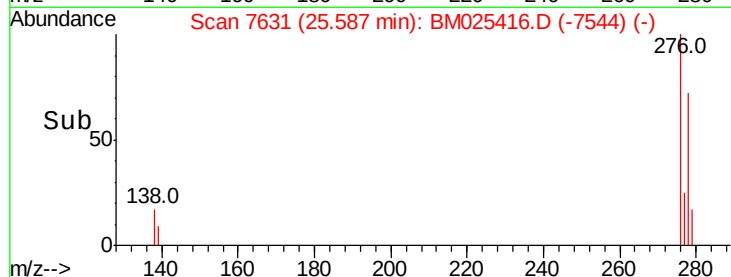
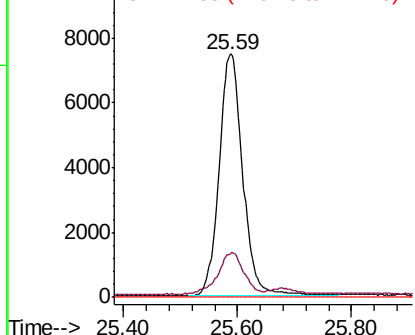
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 25.59 min Scan# 7631
Delta R.T. 0.01 min
Lab File: BM025416.D
Acq: 09 Mar 2020 15:31

Instrument :
BNA_M
ClientSampleId :
DBDJ2

Tot Ion:276 Resp: 21321
Ion Ratio Lower Upper
276 100
138 18.8 12.3 18.5#
227 0.0 0.0 0.0



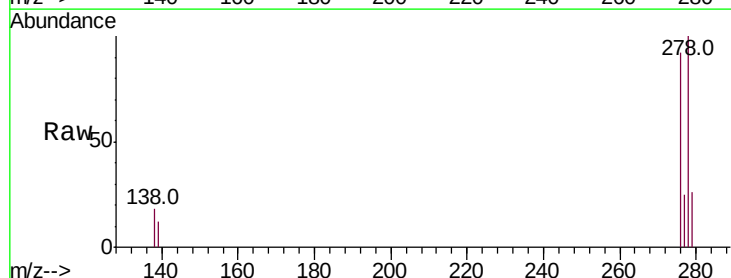
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



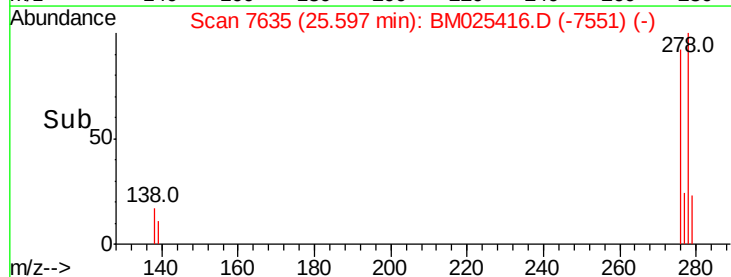
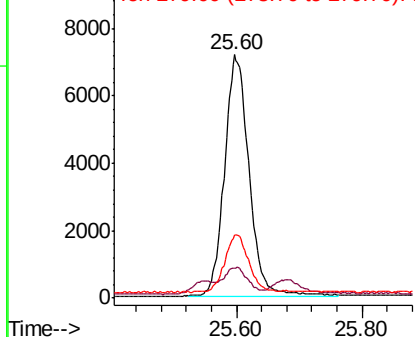
#25

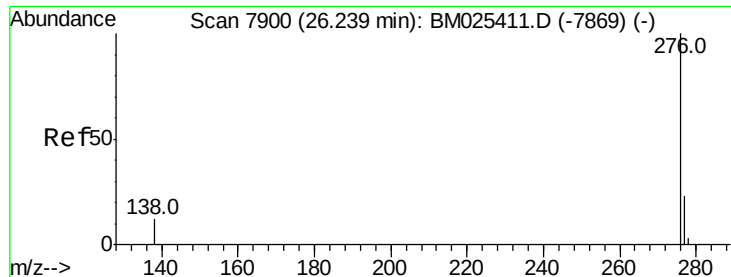
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 25.60 min Scan# 7635
Delta R.T. 0.00 min
Lab File: BM025416.D
Acq: 09 Mar 2020 15:31

Tgt Ion:278 Resp: 19211
Ion Ratio Lower Upper
278 100
139 12.3 9.0 13.6
279 25.8 21.1 31.7



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(a,h,i)perylene

Concen: 0.592 ng/ul

RT: 26.25 min Scan# 7903

Delta R.T. 0.01 min

Lab File: BM025416.D

Acq: 09 Mar 2020 15:31

Instrument :

BNA_M

ClientSampleId :

DBDJ2

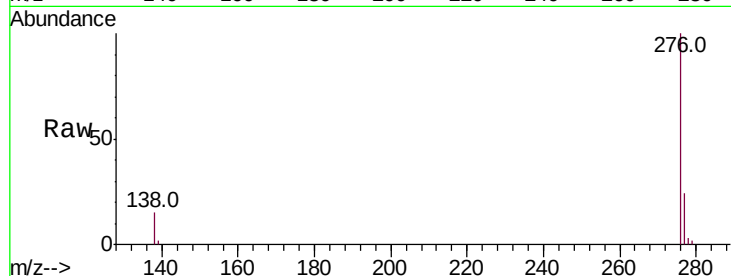
Tot Ion:276 Resp: 27494

Ion Ratio Lower Upper

276 100

138 15.3 11.0 16.4

277 24.2 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

