

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022174.D
 Acq On : 16 Aug 2019 17:36
 Operator : HP/JU
 Sample : K4242-08RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 17 04:13:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration

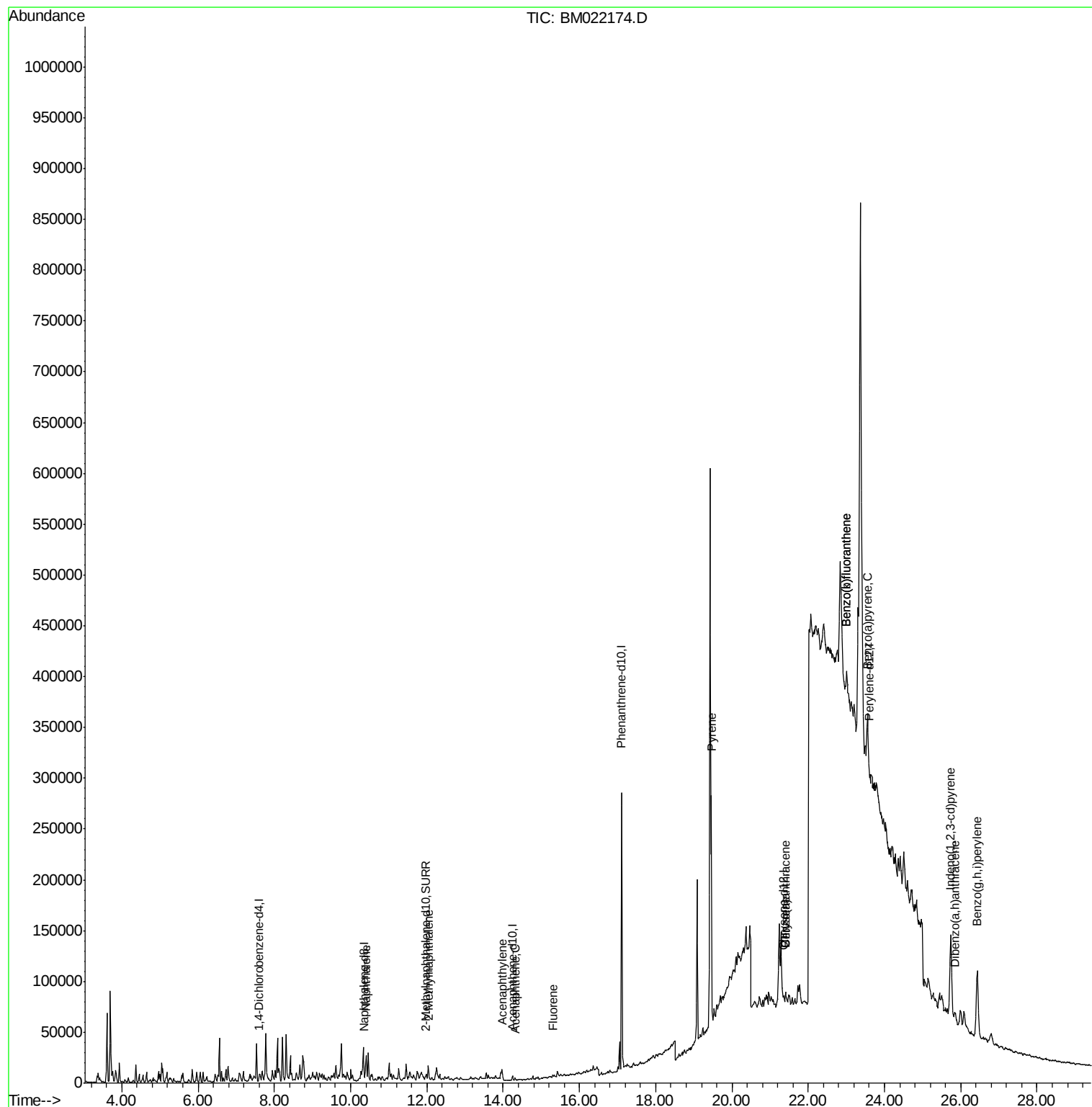
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	991	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3646	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	2425	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	319301	0.40	ng/ul	0.07
16) Chrysene-d12	21.36	240	403	0.40	ng/ul	0.13
20) Perylene-d12	23.60	264	324	0.40	ng/ul	0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1973	0.33	ng/ul	-0.05
14) Fluoranthene-d10	19.17	212	946	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	18647	1.811	ng/ul#	68
5) 2-Methylnaphthalene	12.04	142	10154	1.480	ng/ul	99
7) Acenaphthylene	13.97	152	9793	0.866	ng/ul#	80
8) Acenaphthene	14.31	153	1666	0.180	ng/ul#	87
9) Fluorene	15.30	166	2079	0.202	ng/ul#	69
17) Pyrene	19.45	202	209100	126.264	ng/ul#	94
18) Benzo(a)anthracene	21.40	228	15181	10.531	ng/ul#	1
19) Chrysene	21.40	228	17976	9.696	ng/ul#	1
21) Benzo(b)fluoranthene	23.00	252	46333	42.407	ng/ul#	1
22) Benzo(k)fluoranthene	23.00	252	45991	37.196	ng/ul#	1
23) Benzo(a)pyrene	23.55	252	75580	68.022	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.74	276	185679	139.958	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.85	278	13300	12.403	ng/ul#	1
26) Benzo(g,h,i)perylene	26.43	276	170247	142.540	ng/ul#	87

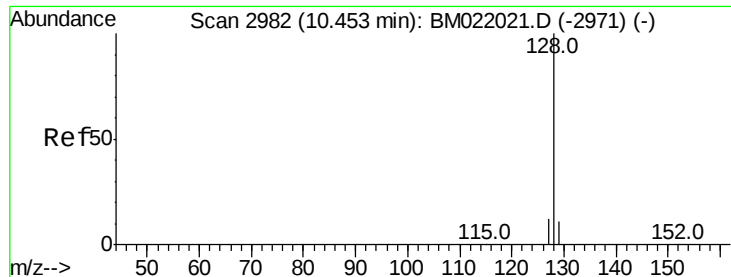
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022174.D
Acq On : 16 Aug 2019 17:36
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 17 04:13:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 14:59:47 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.811 ng/ul

RT: 10.41 min Scan# 2973

Delta R.T. -0.04 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

Instrument :

BNA_M

ClientSampleId :

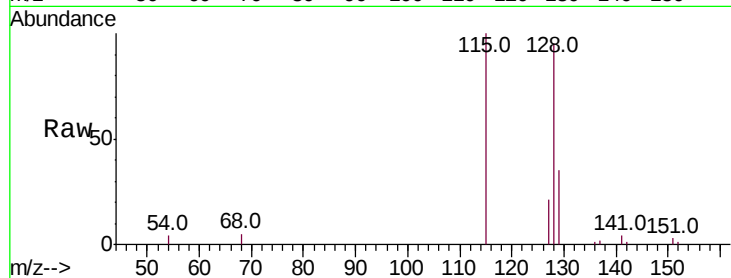
Tot Ion:128 Resp: 18647

Ion Ratio Lower Upper

128 100

129 37.1 12.3 18.5#

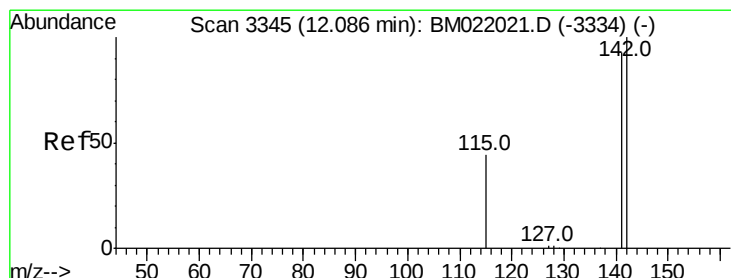
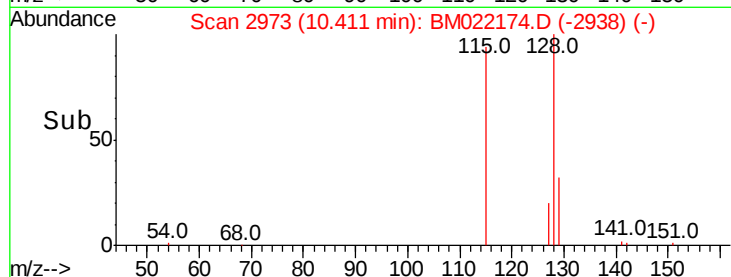
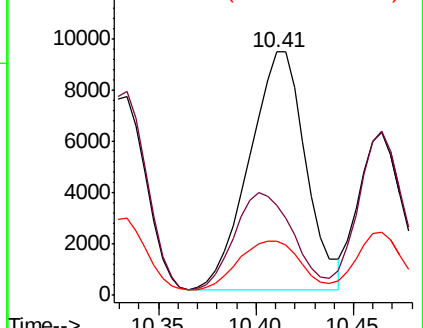
127 22.0 13.0 19.6#



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: 1.480 ng/ul

RT: 12.04 min Scan# 3335

Delta R.T. -0.05 min

Lab File: BM022174.D

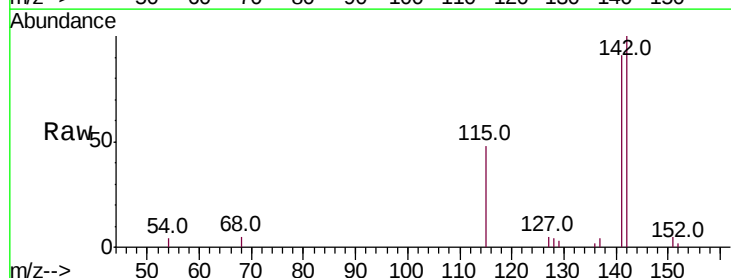
Acq: 16 Aug 2019 17:36

Tgt Ion:142 Resp: 10154

Ion Ratio Lower Upper

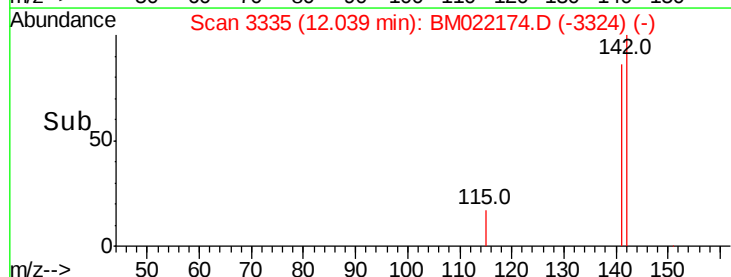
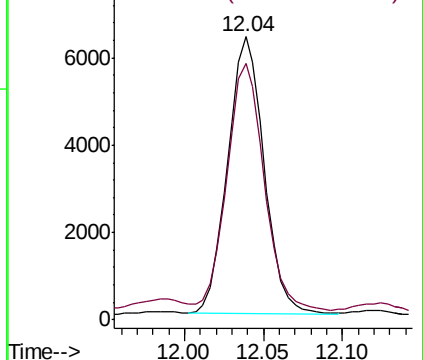
142 100

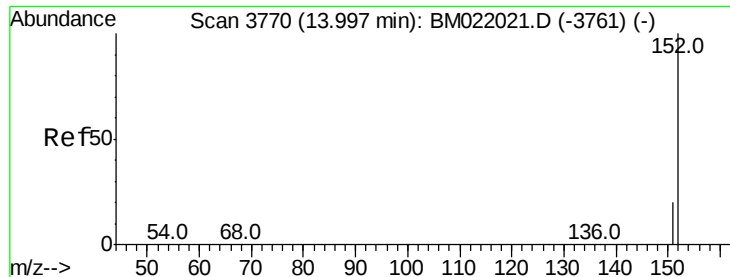
141 91.5 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.866 ng/ul

RT: 13.97 min Scan# 3764

Delta R.T. -0.03 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

Instrument :

BNA_M

ClientSampleId :

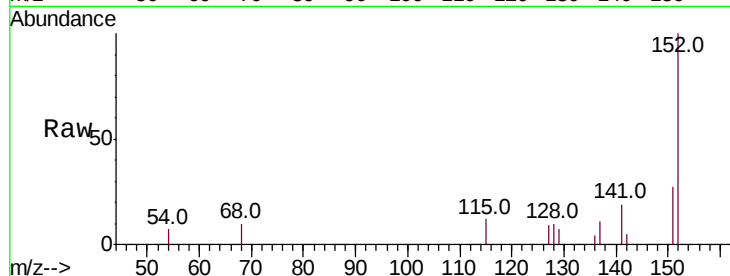
Tot Ion:152 Resp: 9793

Ion Ratio Lower Upper

152 100

151 26.7 18.3 27.5

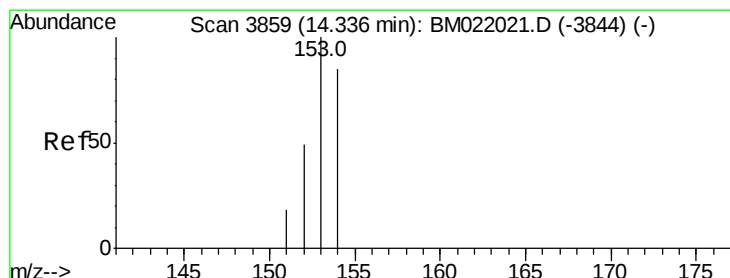
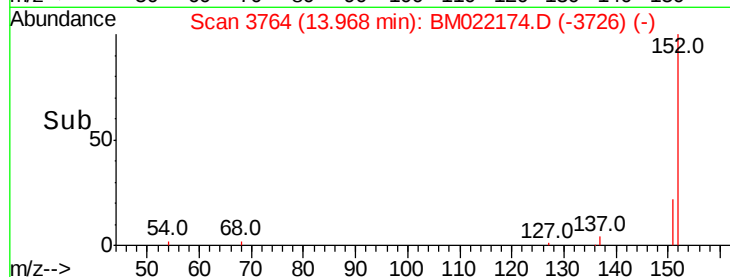
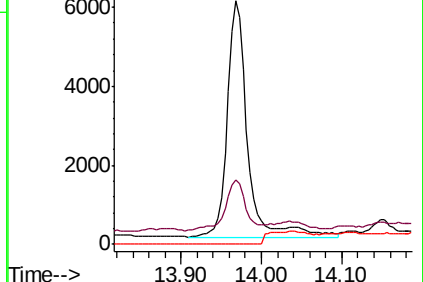
153 0.0 12.8 19.2#



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: 14.31 min Scan# 3853

Delta R.T. -0.02 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

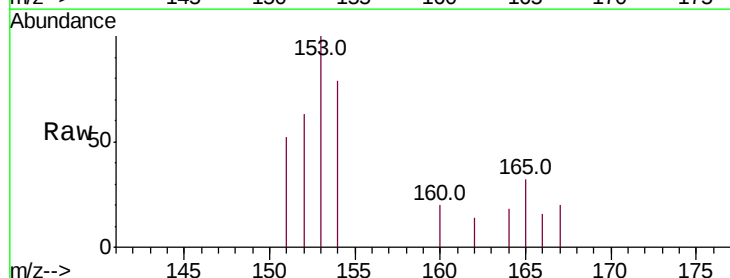
Tgt Ion:153 Resp: 1666

Ion Ratio Lower Upper

153 100

152 62.6 41.3 61.9#

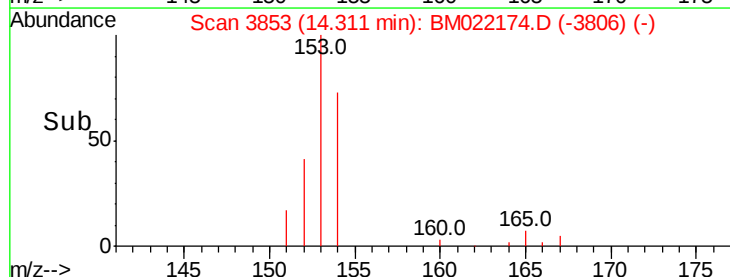
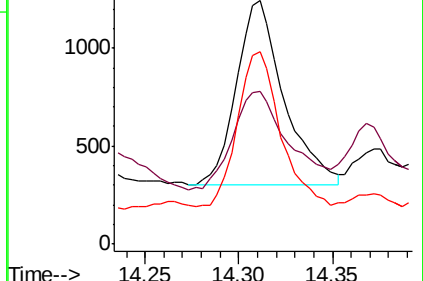
154 79.2 72.3 108.5

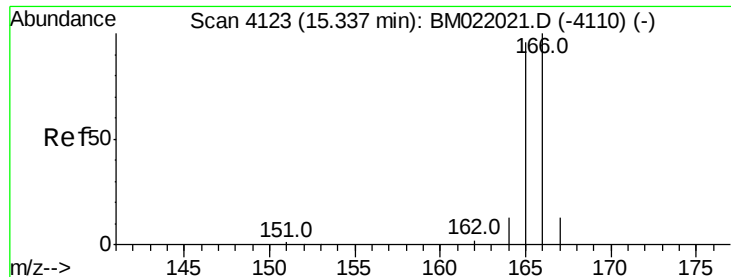


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.202 ng/ul

RT: 15.30 min Scan# 4115

Delta R.T. -0.03 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

Instrument :

BNA_M

ClientSampleId :

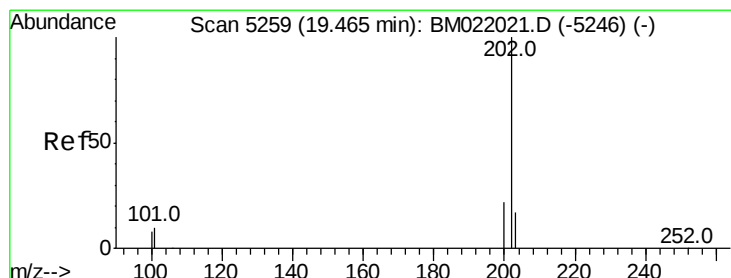
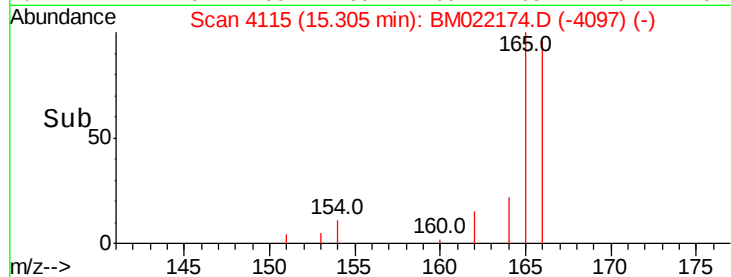
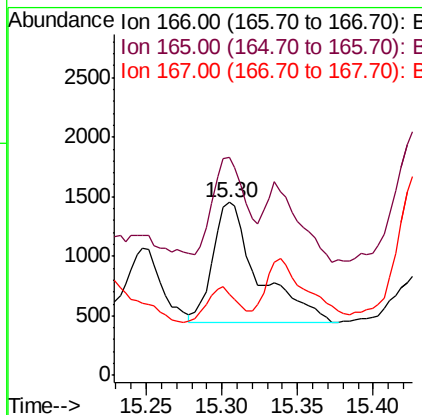
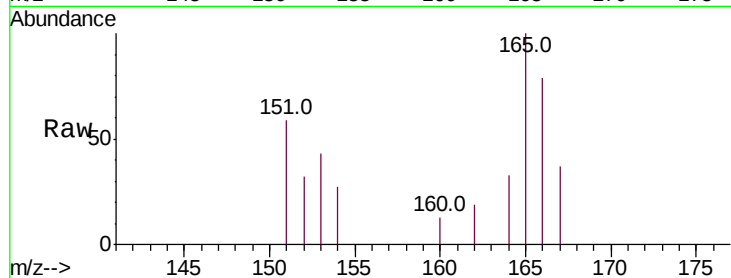
Tot Ion:166 Resp: 2079

Ion Ratio Lower Upper

166 100

165 126.4 81.4 122.0#

167 47.2 13.7 20.5#



#17

Pyrene

Concen: 126.264 ng/ul

RT: 19.45 min Scan# 5257

Delta R.T. -0.01 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

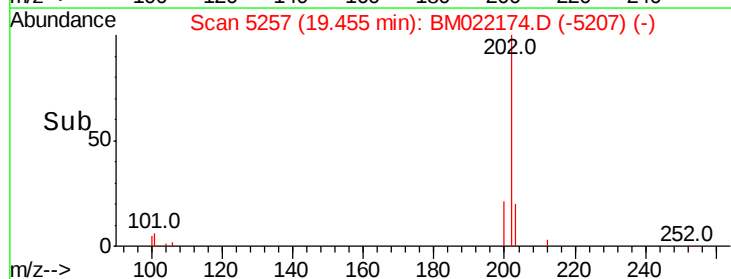
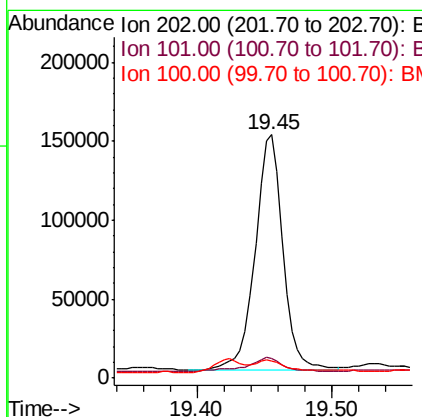
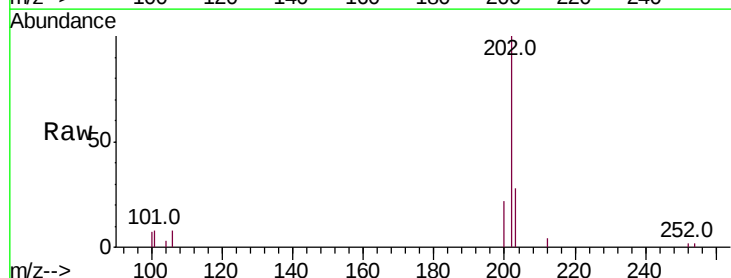
Tgt Ion:202 Resp: 209100

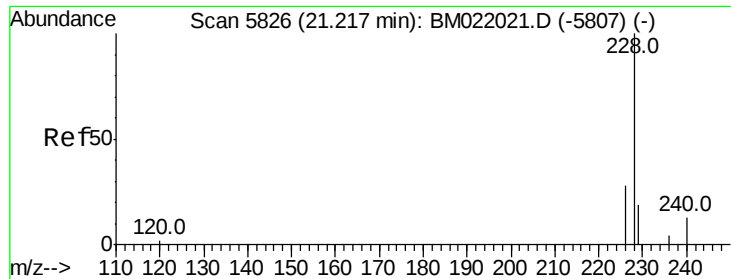
Ion Ratio Lower Upper

202 100

101 8.1 8.3 12.5#

100 7.2 7.2 10.8

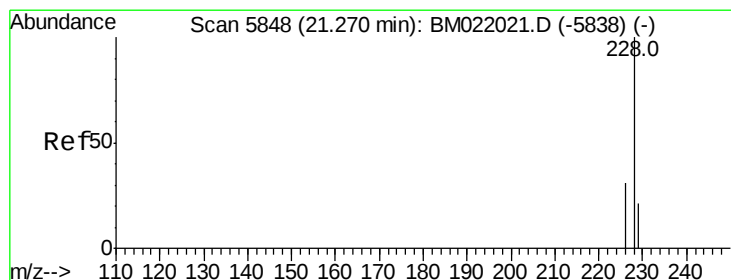
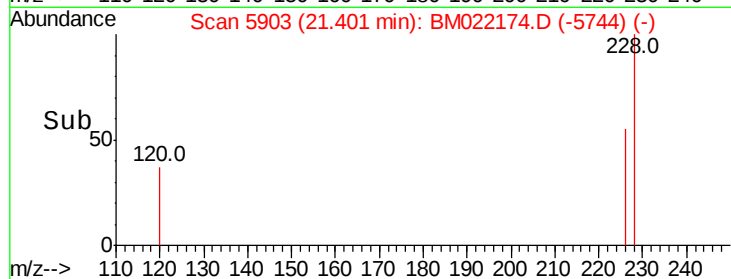
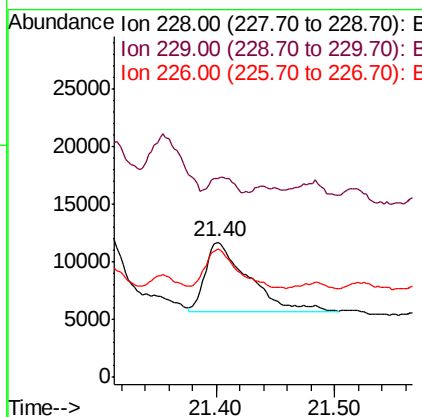
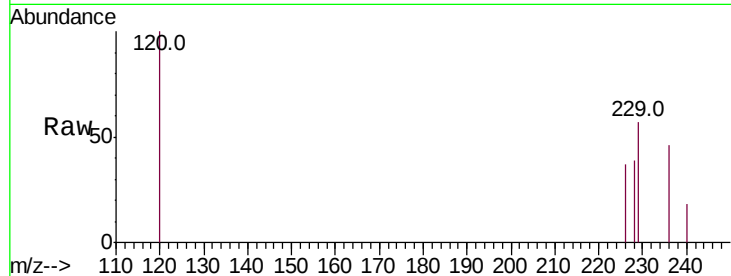




#18
Benzo(a)anthracene
Concen: 10.531 ng/ul
RT: 21.40 min Scan# 5903
Delta R.T. 0.18 min
Lab File: BM022174.D
Acq: 16 Aug 2019 17:36

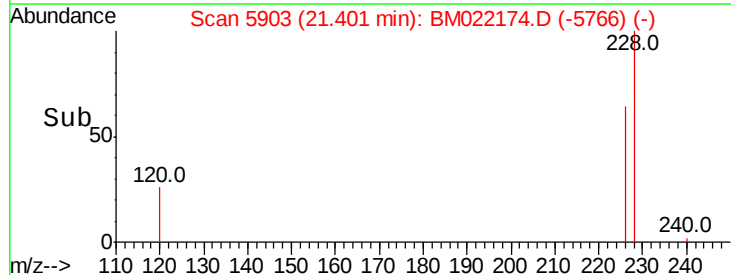
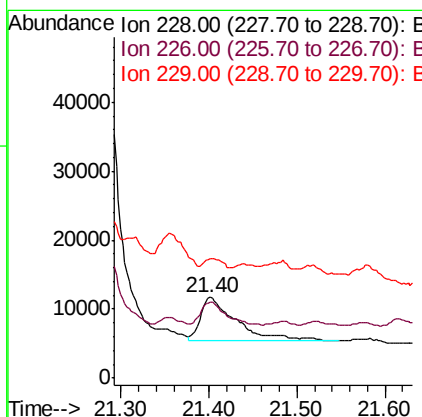
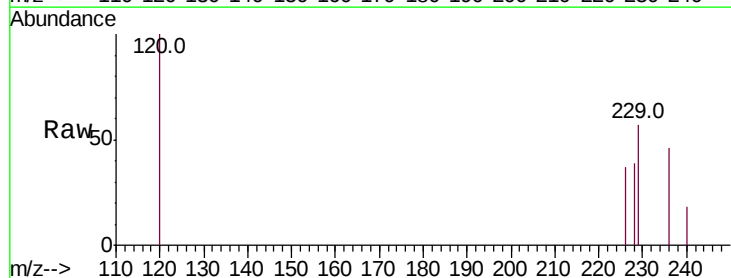
Instrument :
BNA_M
ClientSampled :

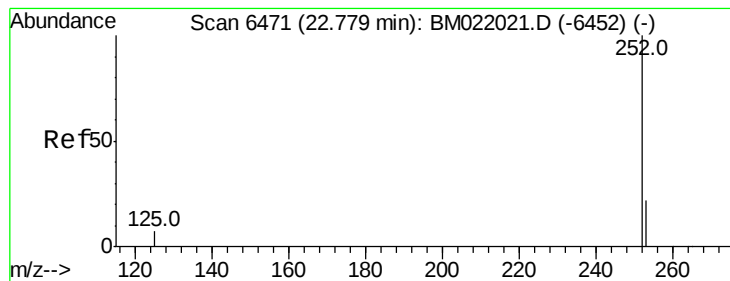
Tot Ion:228 Resp: 15181
Ion Ratio Lower Upper
228 100
229 147.1 17.2 25.8#
226 94.5 22.6 34.0#



#19
Chrysene
Concen: 9.696 ng/ul
RT: 21.40 min Scan# 5903
Delta R.T. 0.13 min
Lab File: BM022174.D
Acq: 16 Aug 2019 17:36

Tgt Ion:228 Resp: 17976
Ion Ratio Lower Upper
228 100
226 94.5 24.9 37.3#
229 147.1 16.6 25.0#





#21

Benzo(b)fluoranthene

Concen: 42.407 ng/ul

RT: 23.00 min Scan# 6565

Delta R.T. 0.23 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

Instrument :

BNA_M

ClientSampleId :

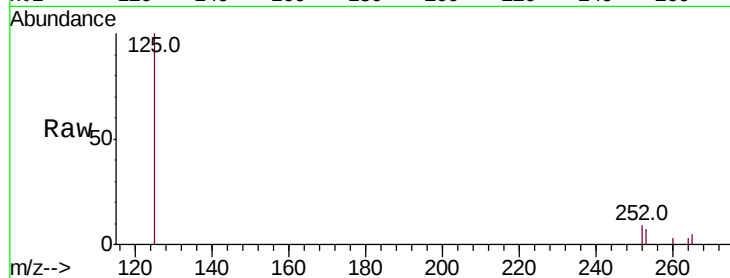
Tot Ion:252 Resp: 46333

Ion Ratio Lower Upper

252 100

253 83.3 0.0 67.4#

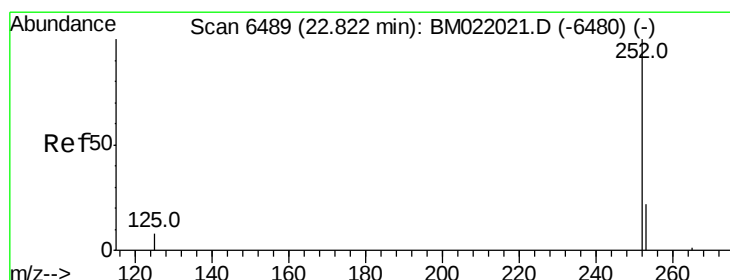
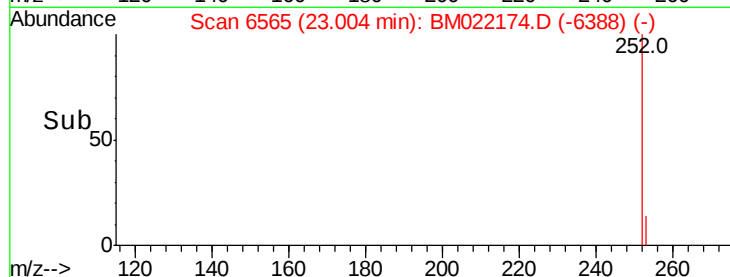
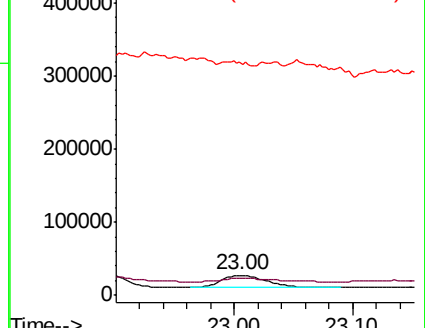
125 1155.5 0.0 31.0#



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: 37.196 ng/ul

RT: 23.00 min Scan# 6565

Delta R.T. 0.18 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

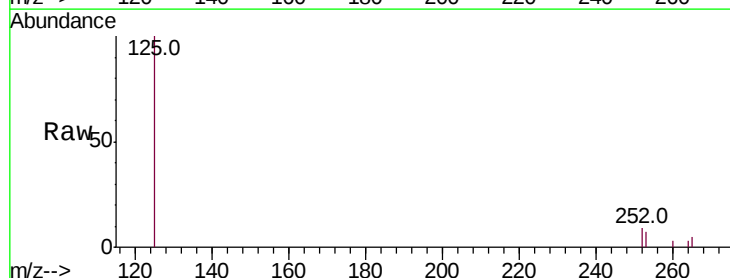
Tgt Ion:252 Resp: 45991

Ion Ratio Lower Upper

252 100

253 83.3 27.0 40.4#

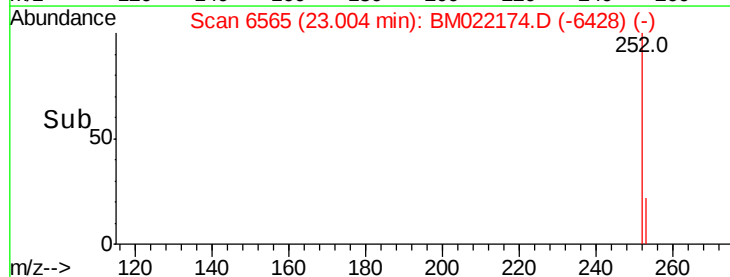
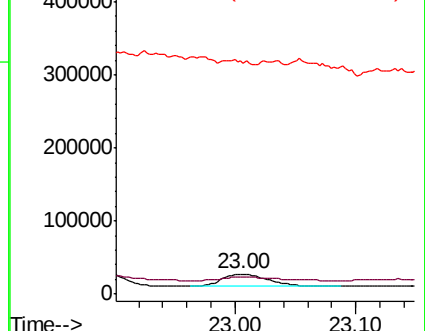
125 1155.5 12.2 18.2#

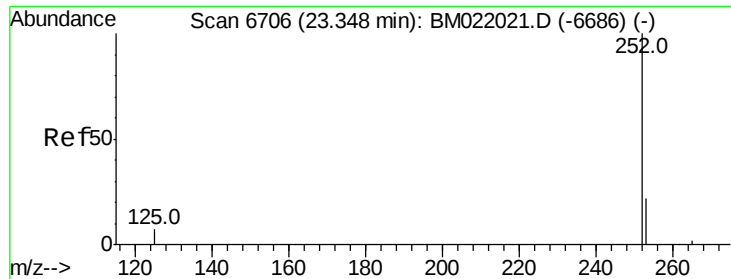


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 68.022 ng/ul

RT: 23.55 min Scan# 6791

Delta R.T. 0.20 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

Instrument :

BNA_M

ClientSampleId :

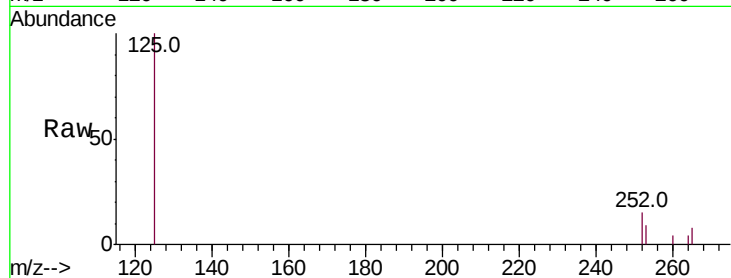
Tot Ion:252 Resp: 75580

Ion Ratio Lower Upper

252 100

253 63.9 31.7 47.5#

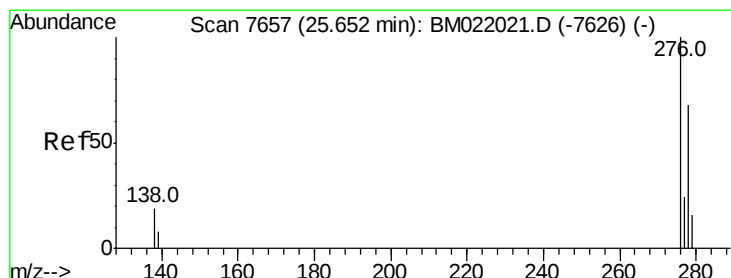
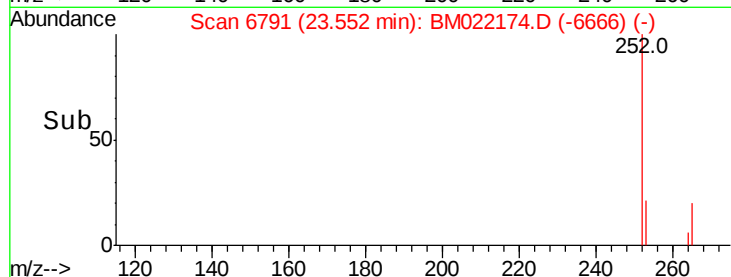
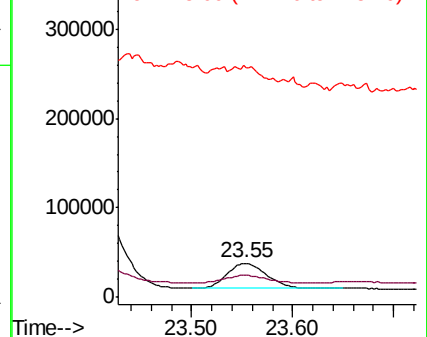
125 678.4 14.6 21.8#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 139.958 ng/ul

RT: 25.74 min Scan# 7694

Delta R.T. 0.09 min

Lab File: BM022174.D

Acq: 16 Aug 2019 17:36

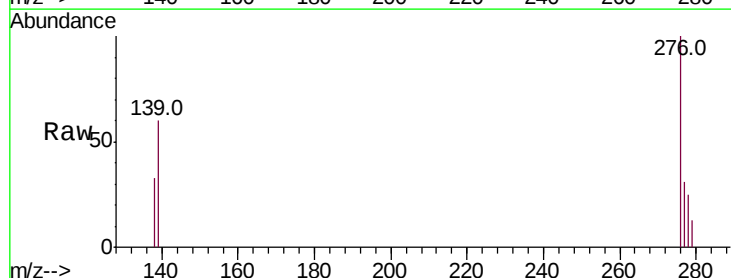
Tgt Ion:276 Resp: 185679

Ion Ratio Lower Upper

276 100

138 8.5 15.1 22.7#

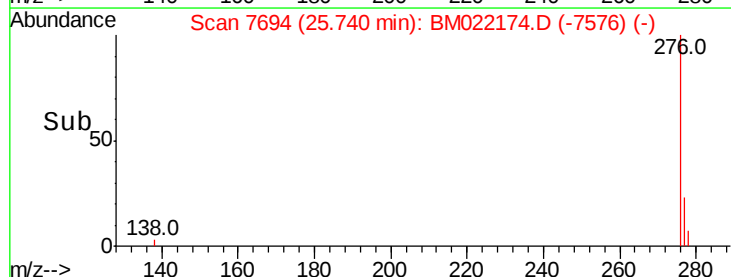
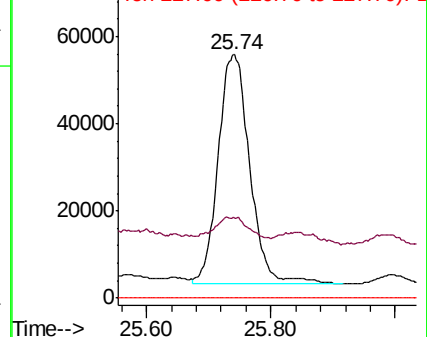
227 0.0 0.0 0.0

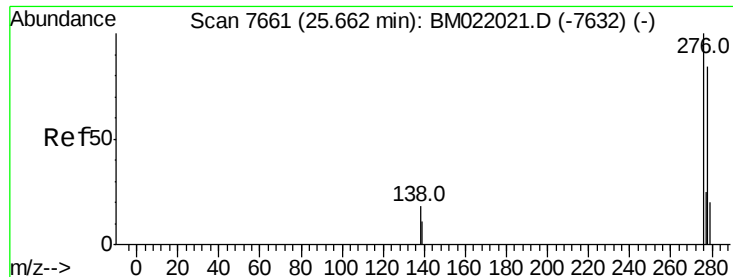


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

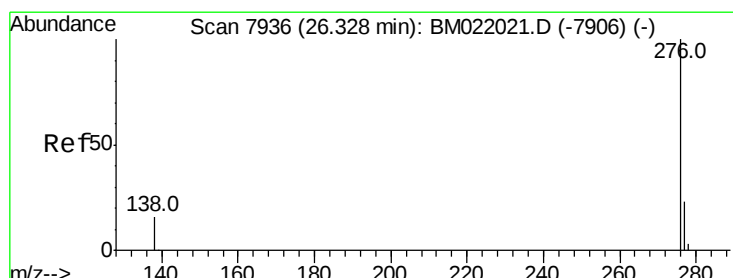
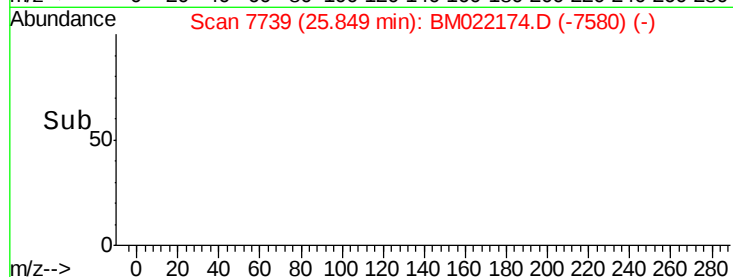
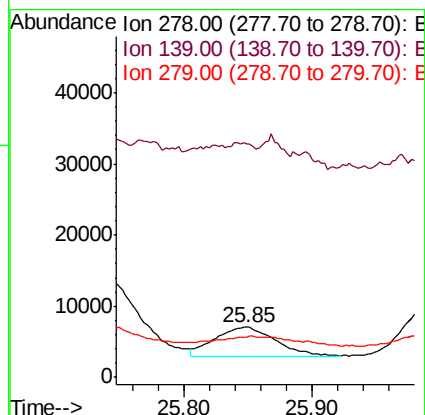
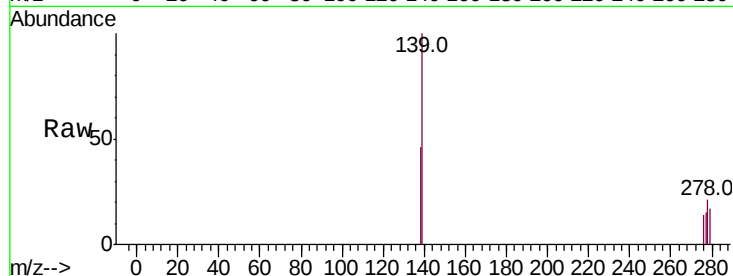




#25
Dibenzo(a,h)anthracene
Concen: 12.403 ng/ul
RT: 25.85 min Scan# 7739
Delta R.T. 0.18 min
Lab File: BM022174.D
Acq: 16 Aug 2019 17:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 13300
Ion Ratio Lower Upper
278 100
139 466.2 14.2 21.2#
279 81.1 28.3 42.5#



#26
Benzo(g,h,i)perylene
Concen: 142.540 ng/ul
RT: 26.43 min Scan# 7979
Delta R.T. 0.09 min
Lab File: BM022174.D
Acq: 16 Aug 2019 17:36

Tgt Ion:276 Resp: 170247
Ion Ratio Lower Upper
276 100
138 29.2 15.5 23.3#
277 30.3 21.4 32.2

