

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025642.D
 Acq On : 18 Mar 2020 23:34
 Operator : CG/JU
 Sample : L1786-08DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 19 00:09:22 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 : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

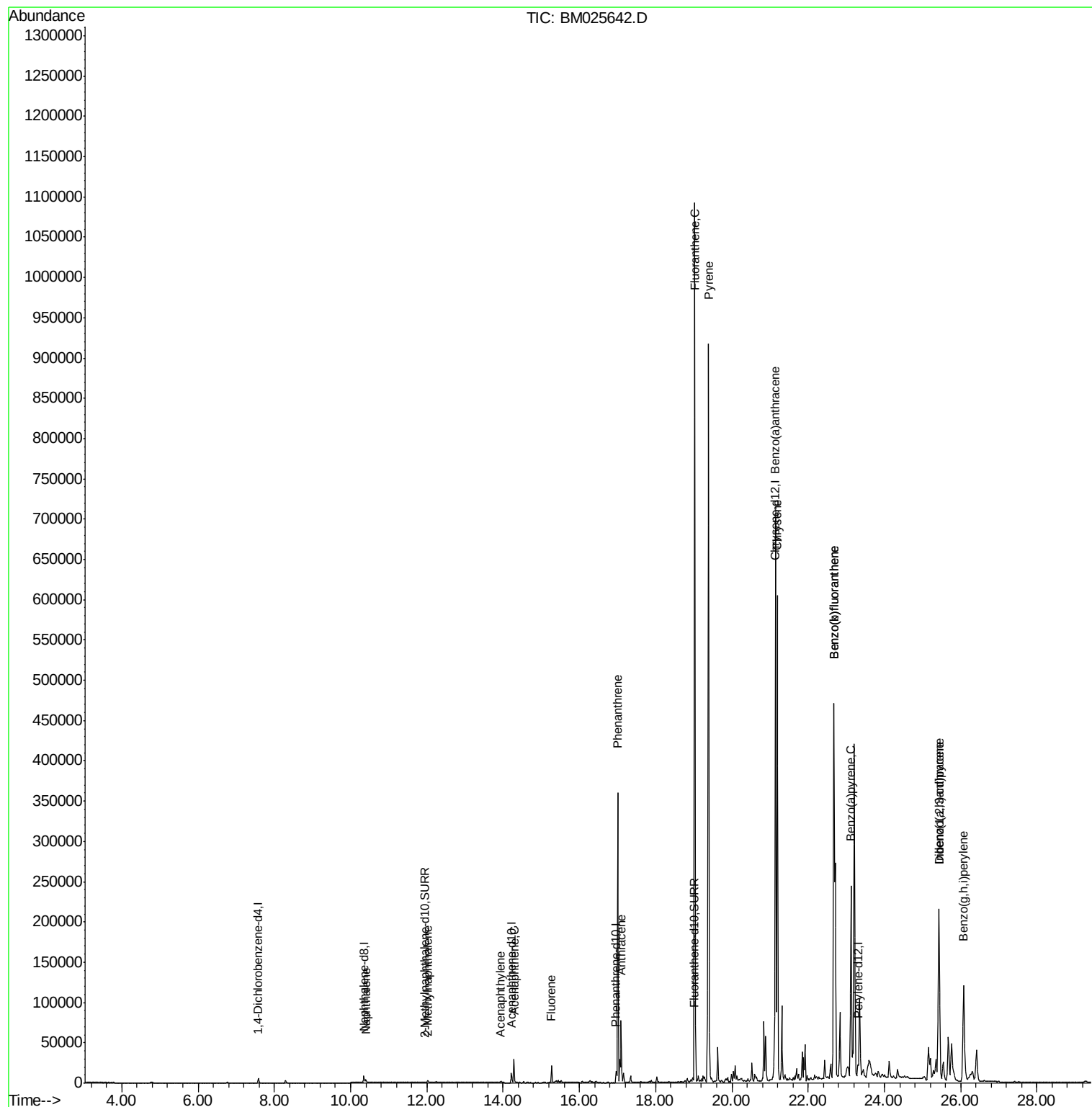
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2717	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	11209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6786	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15563	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	16825	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	19889	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	699	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1736	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	5938	0.179	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	1885	0.079	ng/ul	98
7) Acenaphthylene	13.94	152	2053	0.074	ng/ul#	83
8) Acenaphthene	14.28	153	15999	0.658	ng/ul	99
9) Fluorene	15.27	166	12624	0.426	ng/ul	99
12) Phenanthrene	17.00	178	353977	7.177	ng/ul	99
13) Anthracene	17.09	178	80937	1.886	ng/ul	99
15) Fluoranthene	19.03	202	924533	17.292	ng/ul	99
17) Pyrene	19.39	202	801670	10.616	ng/ul	99
18) Benzo(a)anthracene	21.14	228	577539	9.601	ng/ul	99
19) Chrysene	21.19	228	537622	7.959	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	1015830	12.898	ng/ul	96
22) Benzo(k)fluoranthene	22.67	252	1015830	12.310	ng/ul	96
23) Benzo(a)pyrene	23.12	252	206857	3.163	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.43	276	329026	3.708	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.44	278	94969	1.272	ng/ul	99
26) Benzo(a,h,i)perylene	26.08	276	243717	3.166	ng/ul	98

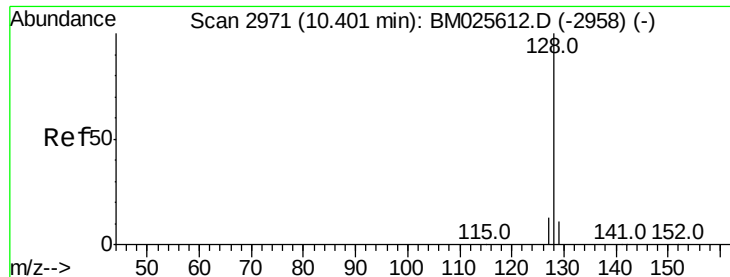
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.179 ng/ul

RT: 10.39 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BM025642.D

Acq: 18 Mar 2020 23:34

Instrument :

BNA_M

ClientSampleId :

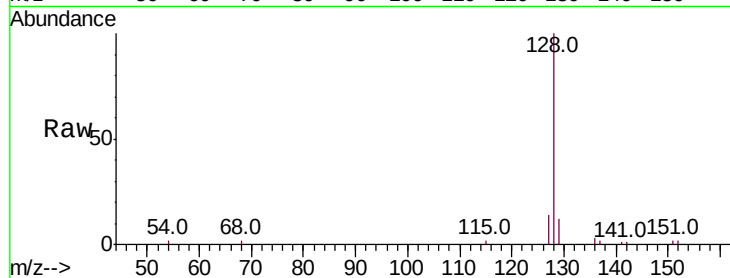
Tot Ion:128 Resp: 5938

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.0

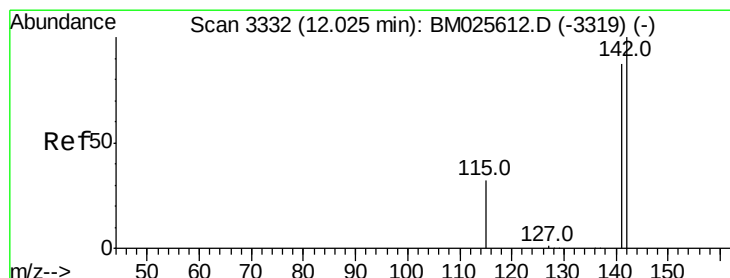
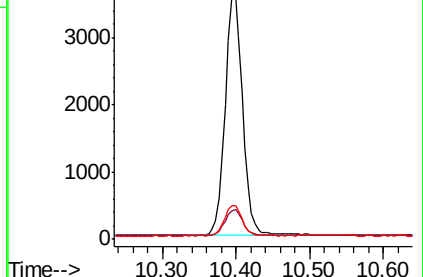
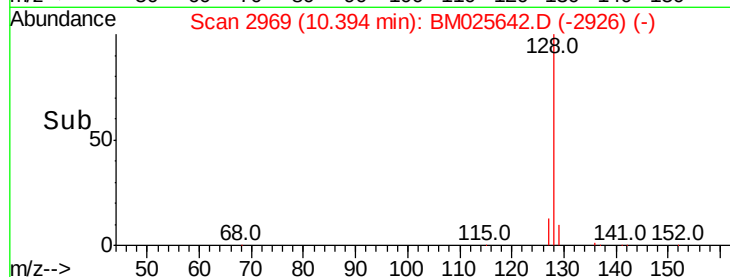
127 14.0 10.9 16.3



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: 0.079 ng/ul

RT: 12.02 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BM025642.D

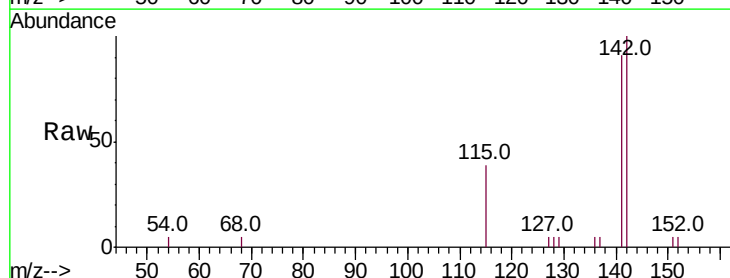
Acq: 18 Mar 2020 23:34

Tgt Ion:142 Resp: 1885

Ion Ratio Lower Upper

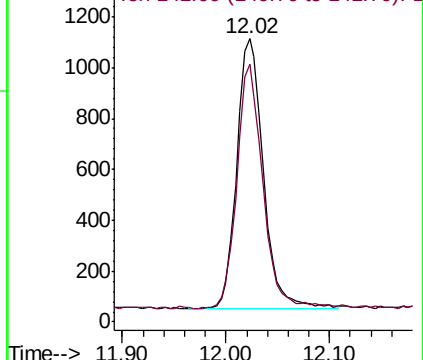
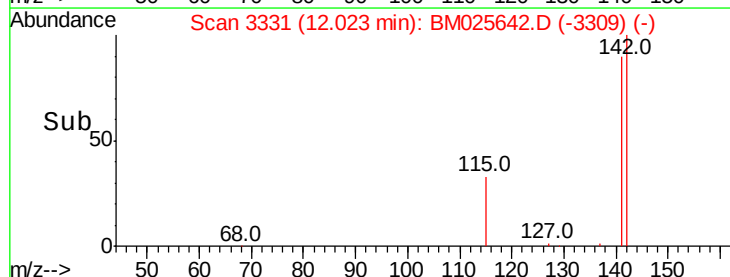
142 100

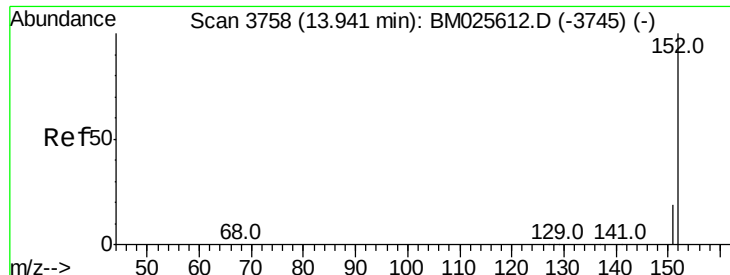
141 89.5 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025642.D

Acq: 18 Mar 2020 23:34

Instrument :

BNA_M

ClientSampleId :

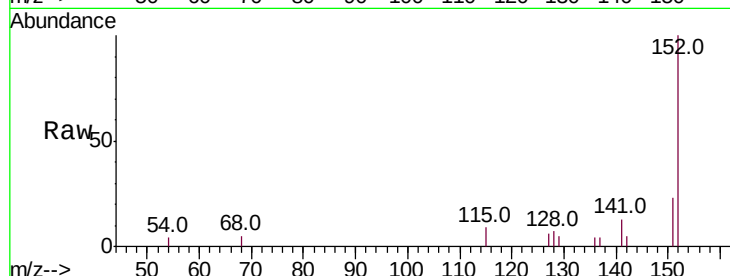
Tot Ion:152 Resp: 2053

Ion Ratio Lower Upper

152 100

151 23.4 16.2 24.2

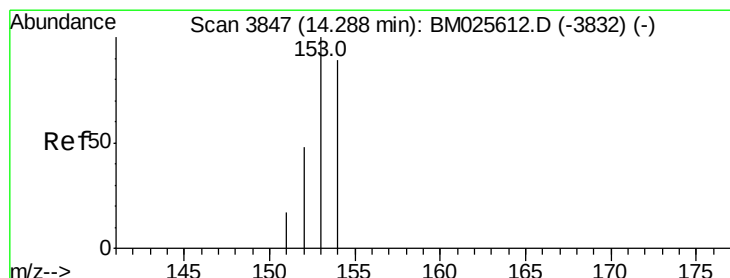
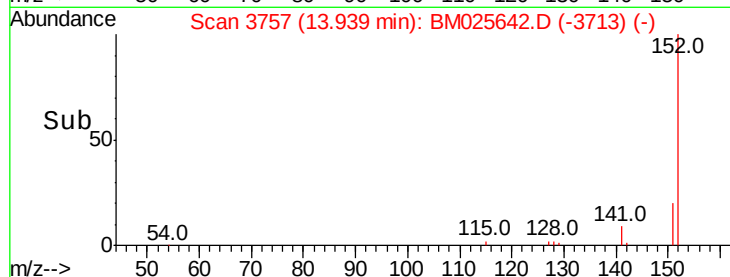
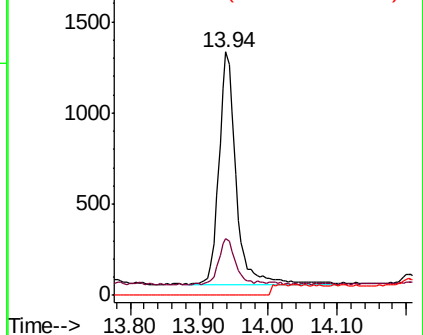
153 0.0 10.6 16.0#



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



#8

Acenaphthene

Concen: 0.658 ng/ul

RT: 14.28 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM025642.D

Acq: 18 Mar 2020 23:34

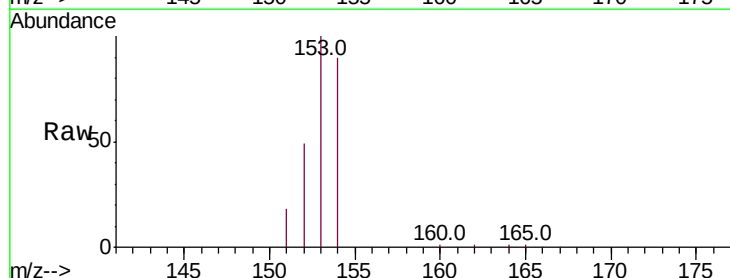
Tgt Ion:153 Resp: 15999

Ion Ratio Lower Upper

153 100

152 48.9 39.5 59.3

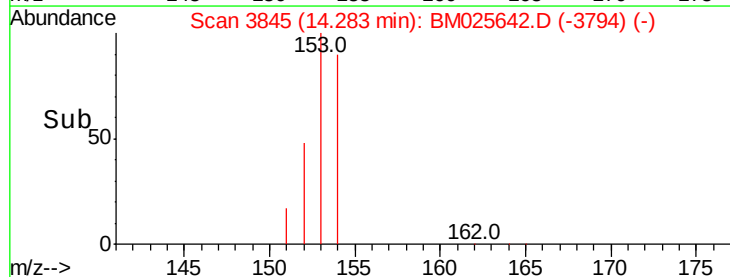
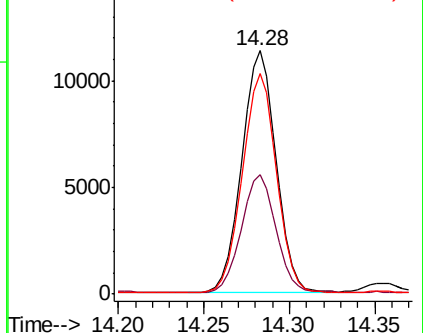
154 90.5 71.7 107.5

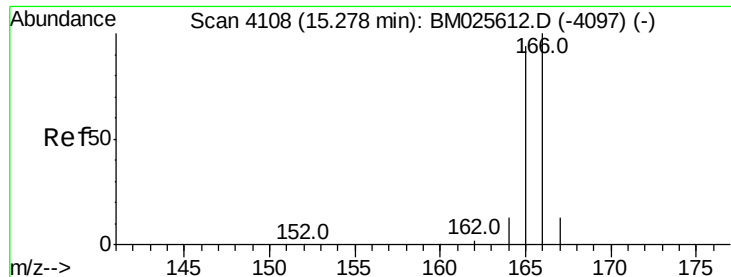


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

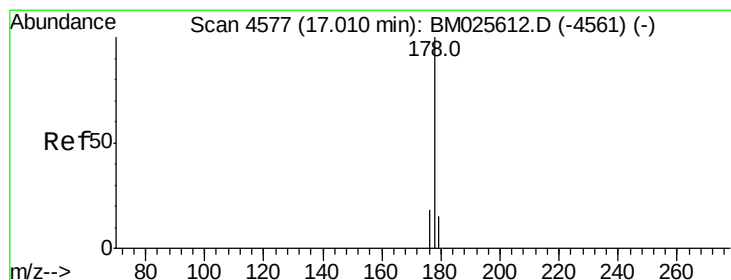
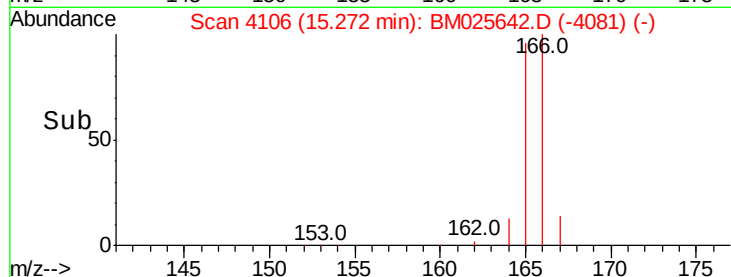
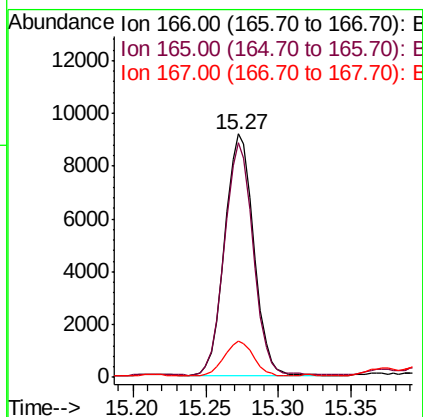
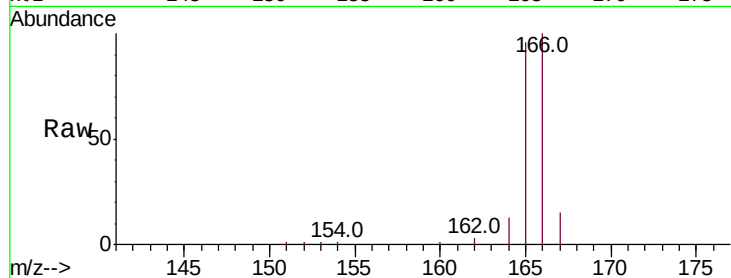




#9
Fluorene
 Concen: 0.426 ng/ul
 RT: 15.27 min Scan# 4106
 Delta R.T. -0.01 min
 Lab File: BM025642.D
 Acq: 18 Mar 2020 23:34

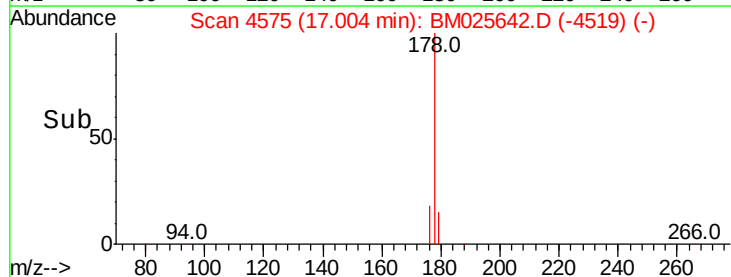
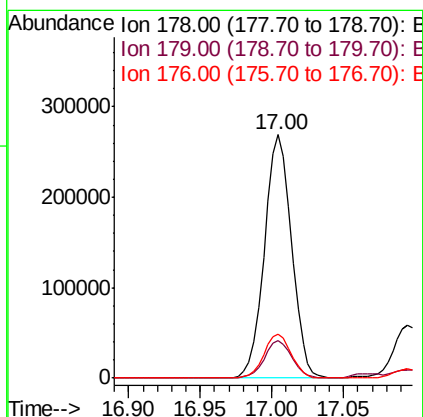
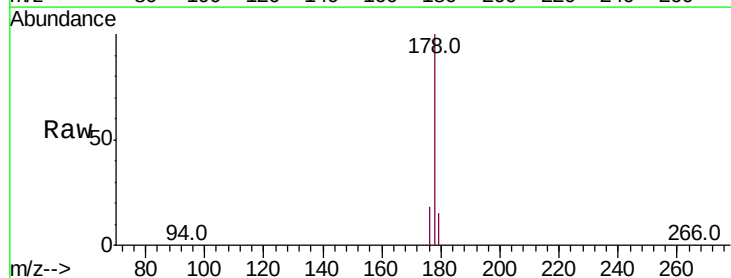
Instrument :
 BNA_M
 ClientSampleId :

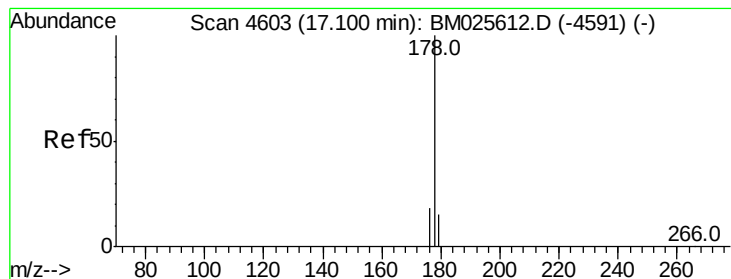
Tot Ion:166 Resp: 12624
 Ion Ratio Lower Upper
 166 100
 165 96.3 76.8 115.2
 167 15.0 11.2 16.8



#12
Phenanthrene
 Concen: 7.177 ng/ul
 RT: 17.00 min Scan# 4575
 Delta R.T. -0.01 min
 Lab File: BM025642.D
 Acq: 18 Mar 2020 23:34

Tgt Ion:178 Resp: 353977
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.4 18.6
 176 18.2 14.8 22.2





#13

Anthracene

Concen: 1.886 ng/ul

RT: 17.09 min Scan# 4601

Delta R.T. -0.01 min

Lab File: BM025642.D

Acq: 18 Mar 2020 23:34

Instrument :

BNA_M

ClientSampleId :

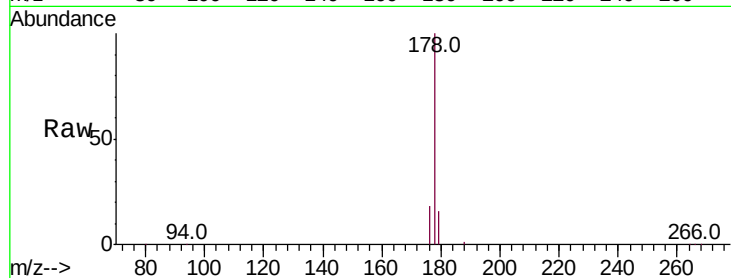
Tot Ion:178 Resp: 80937

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

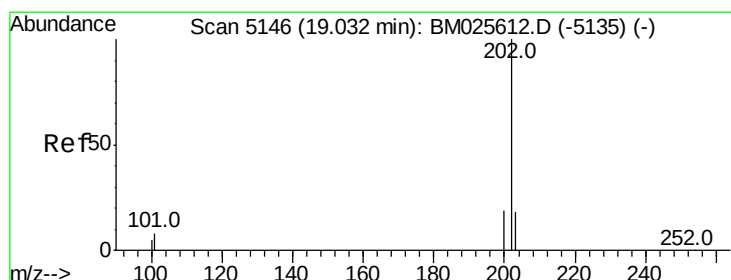
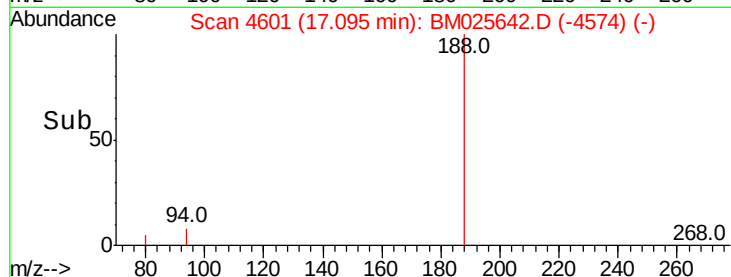
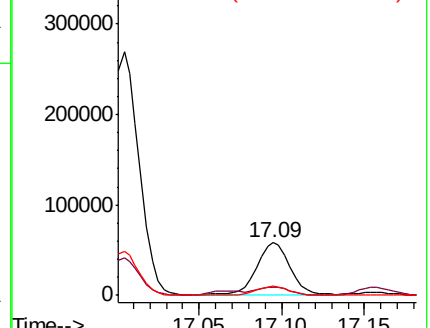
176 17.6 14.5 21.7



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: 17.292 ng/ul

RT: 19.03 min Scan# 5144

Delta R.T. -0.01 min

Lab File: BM025642.D

Acq: 18 Mar 2020 23:34

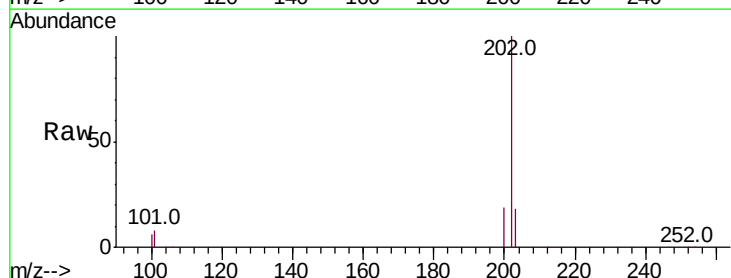
Tgt Ion:202 Resp: 924533

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.5

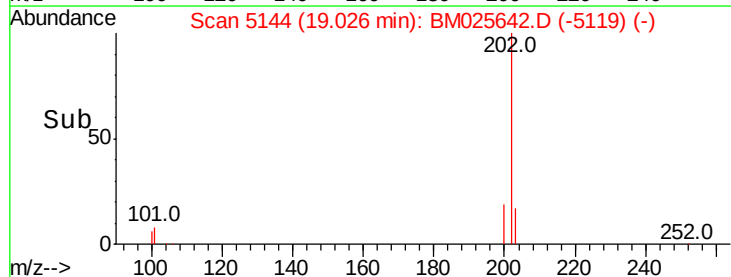
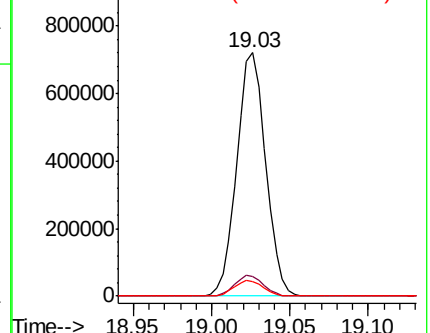
100 6.2 0.0 26.0

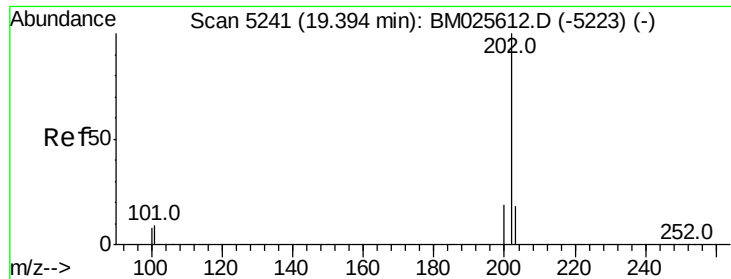


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

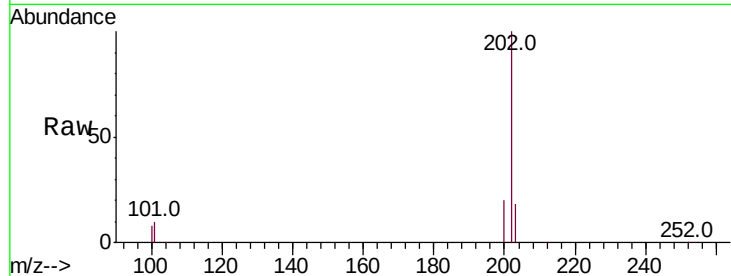




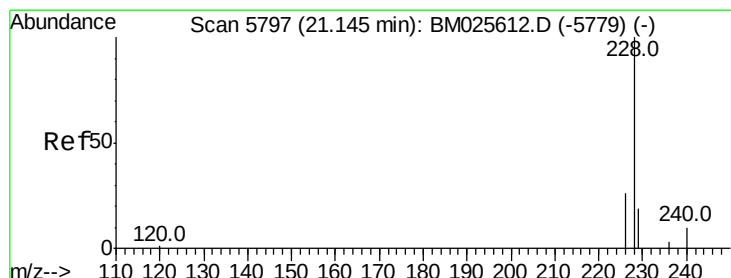
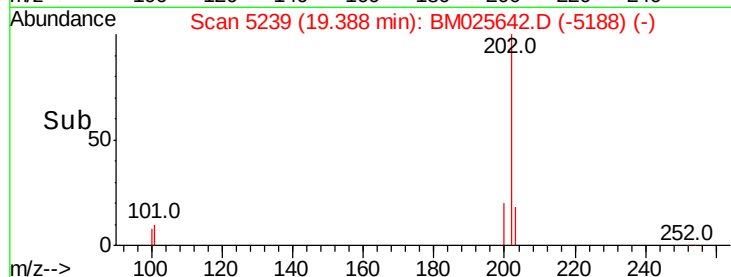
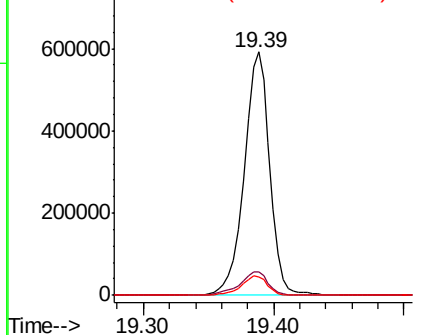
#17
Pvrene
Concen: 10.616 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025642.D
Acq: 18 Mar 2020 23:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 801670
Ion Ratio Lower Upper
202 100
101 9.5 7.1 10.7
100 7.7 6.0 9.0

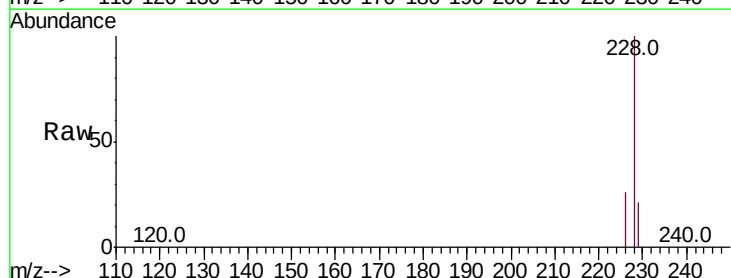


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

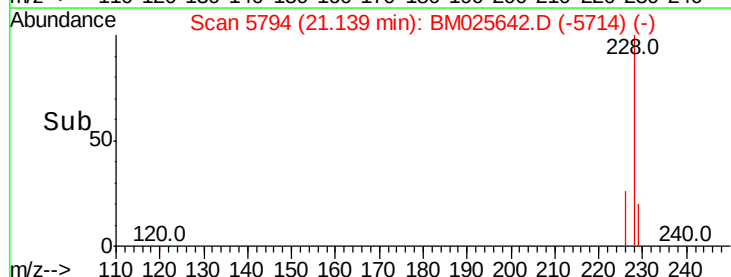
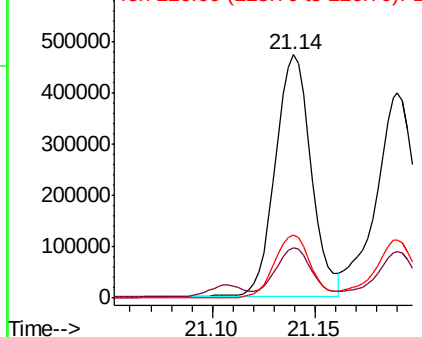


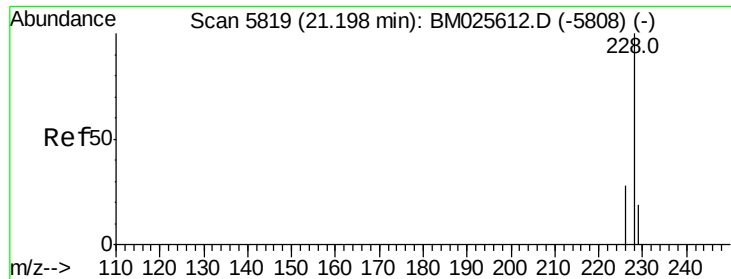
#18
Benzo(a)anthracene
Concen: 9.601 ng/ul
RT: 21.14 min Scan# 5794
Delta R.T. -0.01 min
Lab File: BM025642.D
Acq: 18 Mar 2020 23:34

Tgt Ion:228 Resp: 577539
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 26.2 21.1 31.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 7.959 ng/ul

RT: 21.19 min Scan# 5815

Delta R.T. -0.01 min

Lab File: BM025642.D

Acq: 18 Mar 2020 23:34

Instrument :

BNA_M

ClientSampleId :

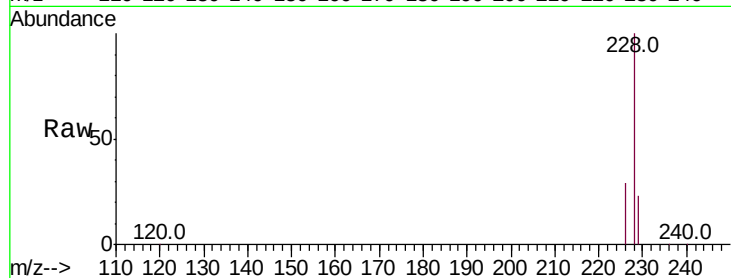
Tot Ion:228 Resp: 537622

Ion Ratio Lower Upper

228 100

226 28.6 23.6 35.4

229 22.7 16.3 24.5

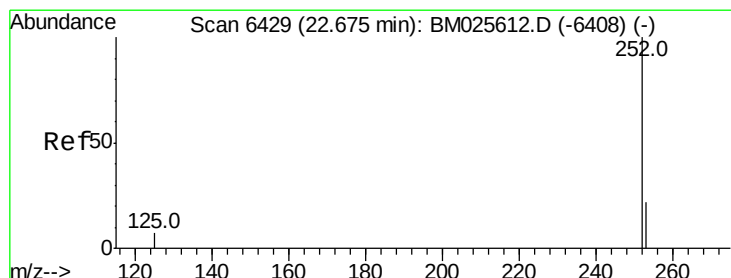
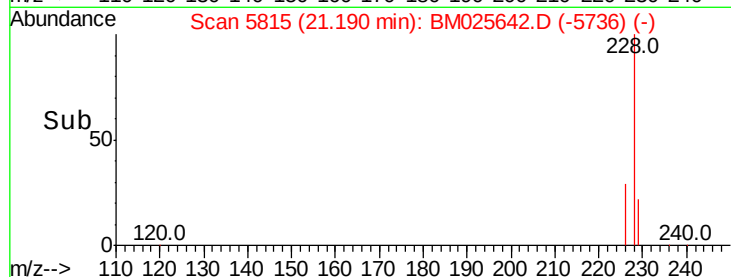
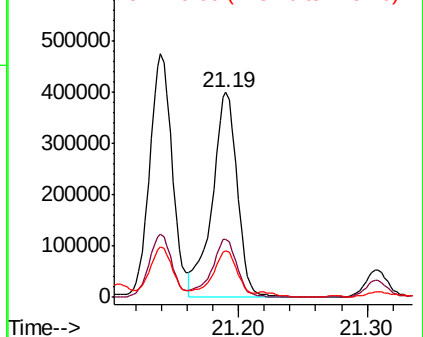


Abundance

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: 12.898 ng/ul

RT: 22.67 min Scan# 6427

Delta R.T. -0.00 min

Lab File: BM025642.D

Acq: 18 Mar 2020 23:34

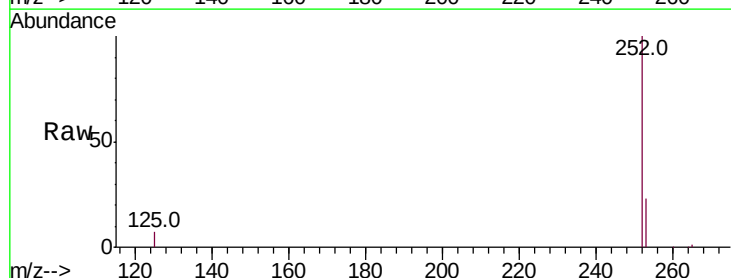
Tgt Ion:252 Resp: 1015830

Ion Ratio Lower Upper

252 100

253 23.1 0.0 50.2

125 7.5 0.0 17.6

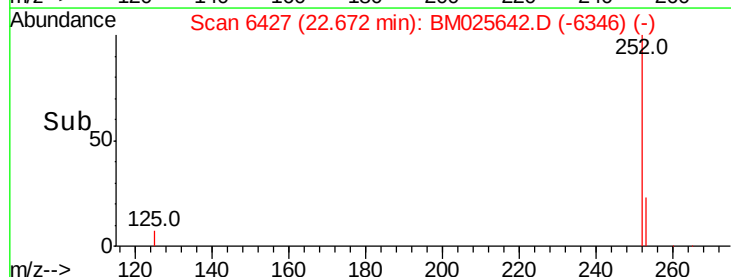
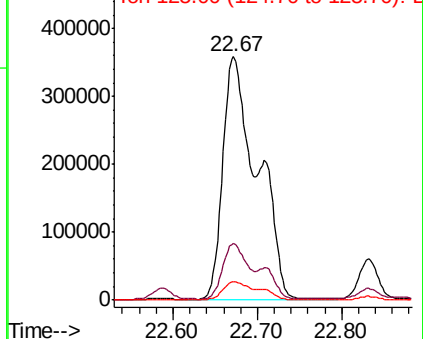


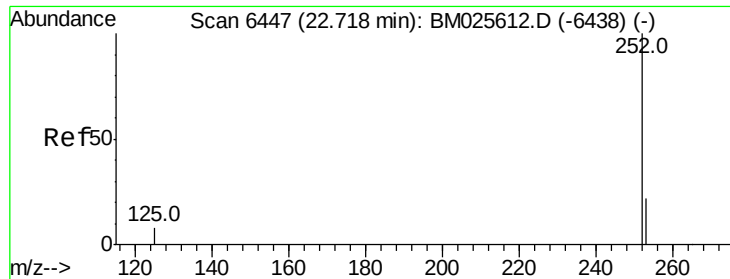
Abundance

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

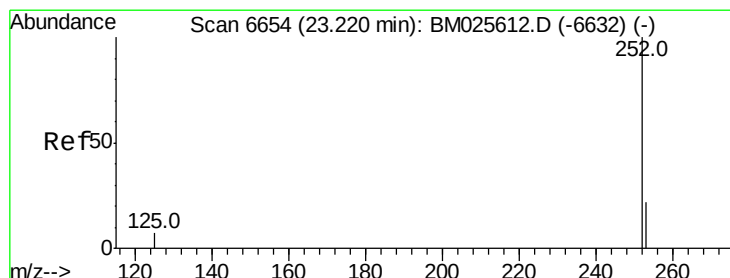
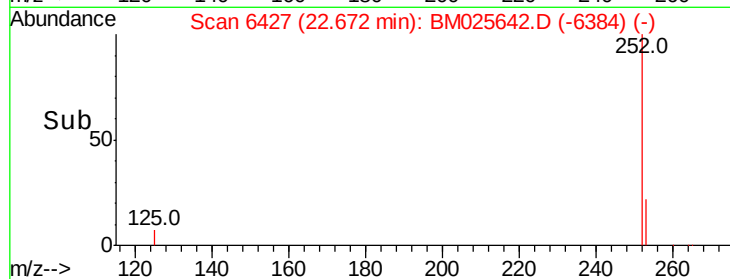
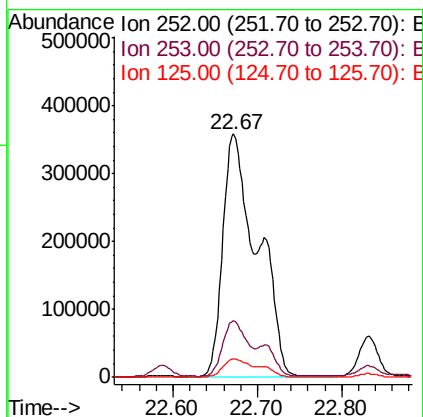
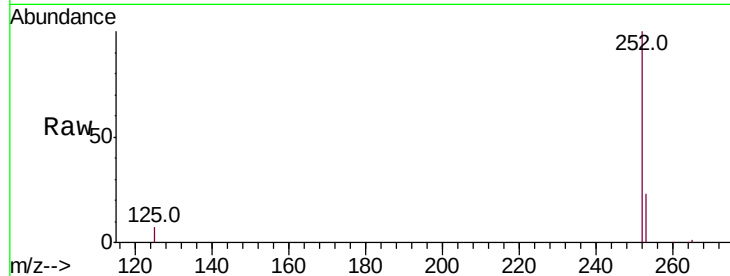




#22
Benzo(k)fluoranthene
Concen: 12.310 ng/ul
RT: 22.67 min Scan# 6427
Delta R.T. -0.05 min
Lab File: BM025642.D
Acq: 18 Mar 2020 23:34

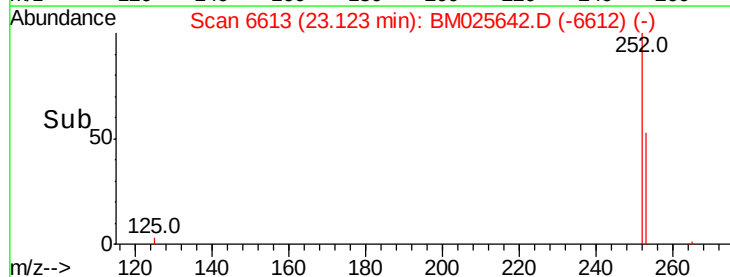
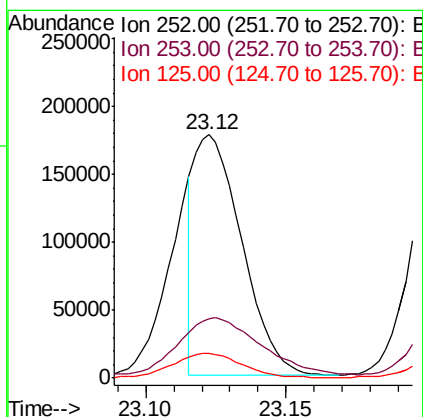
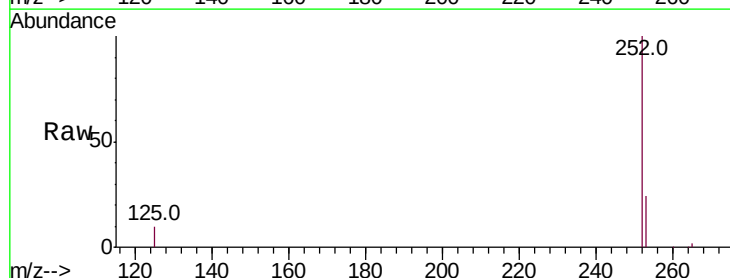
Instrument :
BNA_M
ClientSampleId :

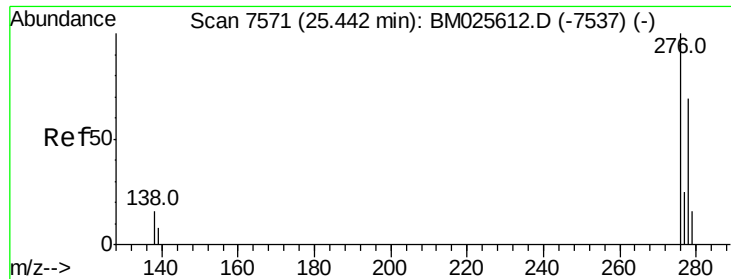
Tot Ion:252 Resp: 1015830
Ion Ratio Lower Upper
252 100
253 23.1 19.8 29.8
125 7.5 7.1 10.7



#23
Benzo(a)pyrene
Concen: 3.163 ng/ul
RT: 23.12 min Scan# 6613
Delta R.T. -0.10 min
Lab File: BM025642.D
Acq: 18 Mar 2020 23:34

Tgt Ion:252 Resp: 206857
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 10.3 8.5 12.7



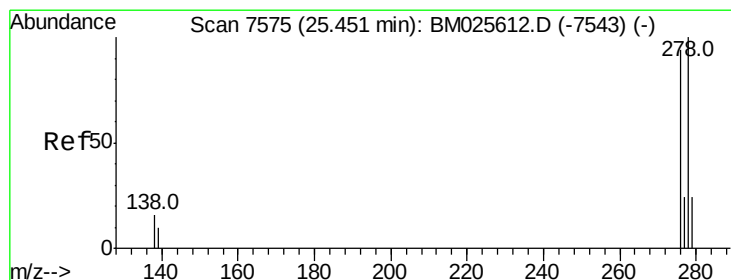
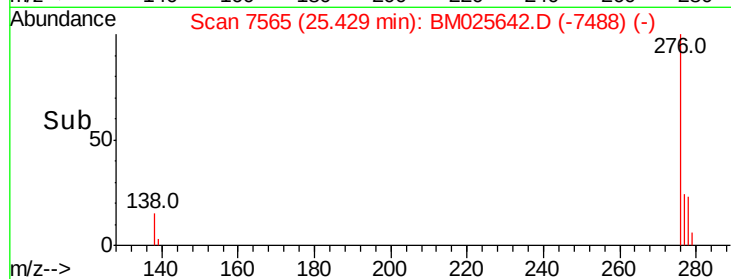
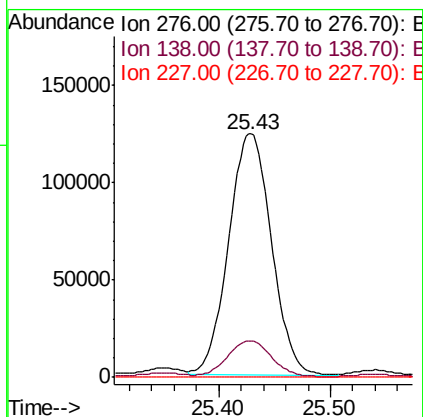
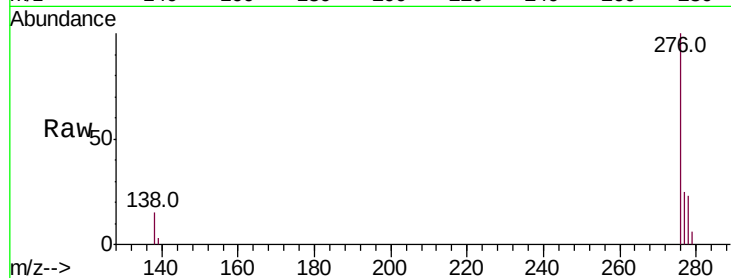


#24

Indeno(1,2,3-cd)pyrene
Concen: 3.708 ng/ul
RT: 25.43 min Scan# 7565
Delta R.T. -0.01 min
Lab File: BM025642.D
Acq: 18 Mar 2020 23:34

Instrument :
BNA_M
ClientSampleId :

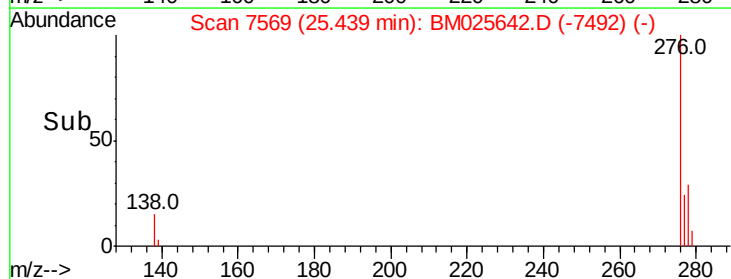
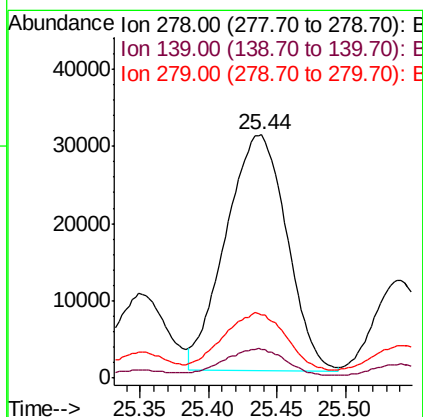
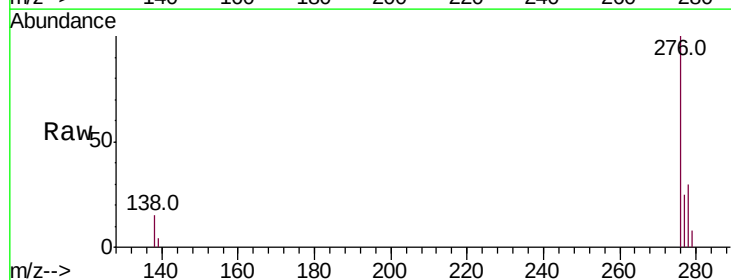
Tot Ion:276 Resp: 329026
Ion Ratio Lower Upper
276 100
138 15.2 12.3 18.5
227 0.0 0.0 0.0

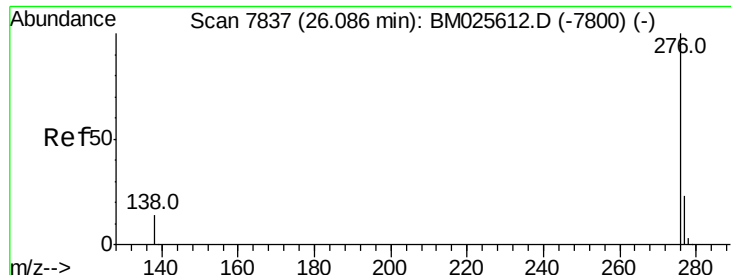


#25

Dibenzo(a,h)anthracene
Concen: 1.272 ng/ul
RT: 25.44 min Scan# 7569
Delta R.T. -0.01 min
Lab File: BM025642.D
Acq: 18 Mar 2020 23:34

Tgt Ion:278 Resp: 94969
Ion Ratio Lower Upper
278 100
139 11.9 9.0 13.6
279 26.2 21.1 31.7





#26

Benzo(a,h,i)perylene

Concen: 3.166 ng/ul

RT: 26.08 min Scan# 7833

Delta R.T. -0.01 min

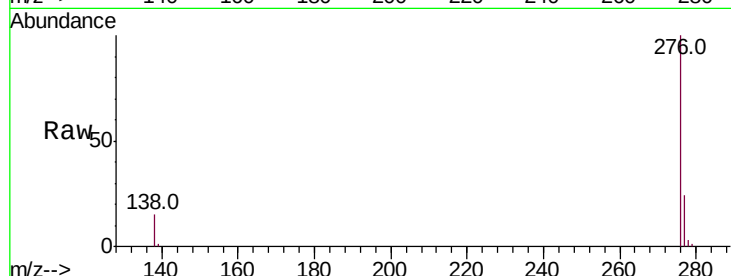
Lab File: BM025642.D

Acq: 18 Mar 2020 23:34

Instrument :

BNA_M

ClientSampleId :



Tot Ion:276 Resp: 243717

Ion Ratio Lower Upper

276 100

138 15.2 11.0 16.4

277 24.1 19.8 29.6

