

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
 Data File : BM021764.D
 Acq On : 02 Aug 2019 19:09
 Operator : HP/JU
 Sample : SSTD0.816
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 02 23:41:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 23:36:26 2019
 Response via : Initial Calibration

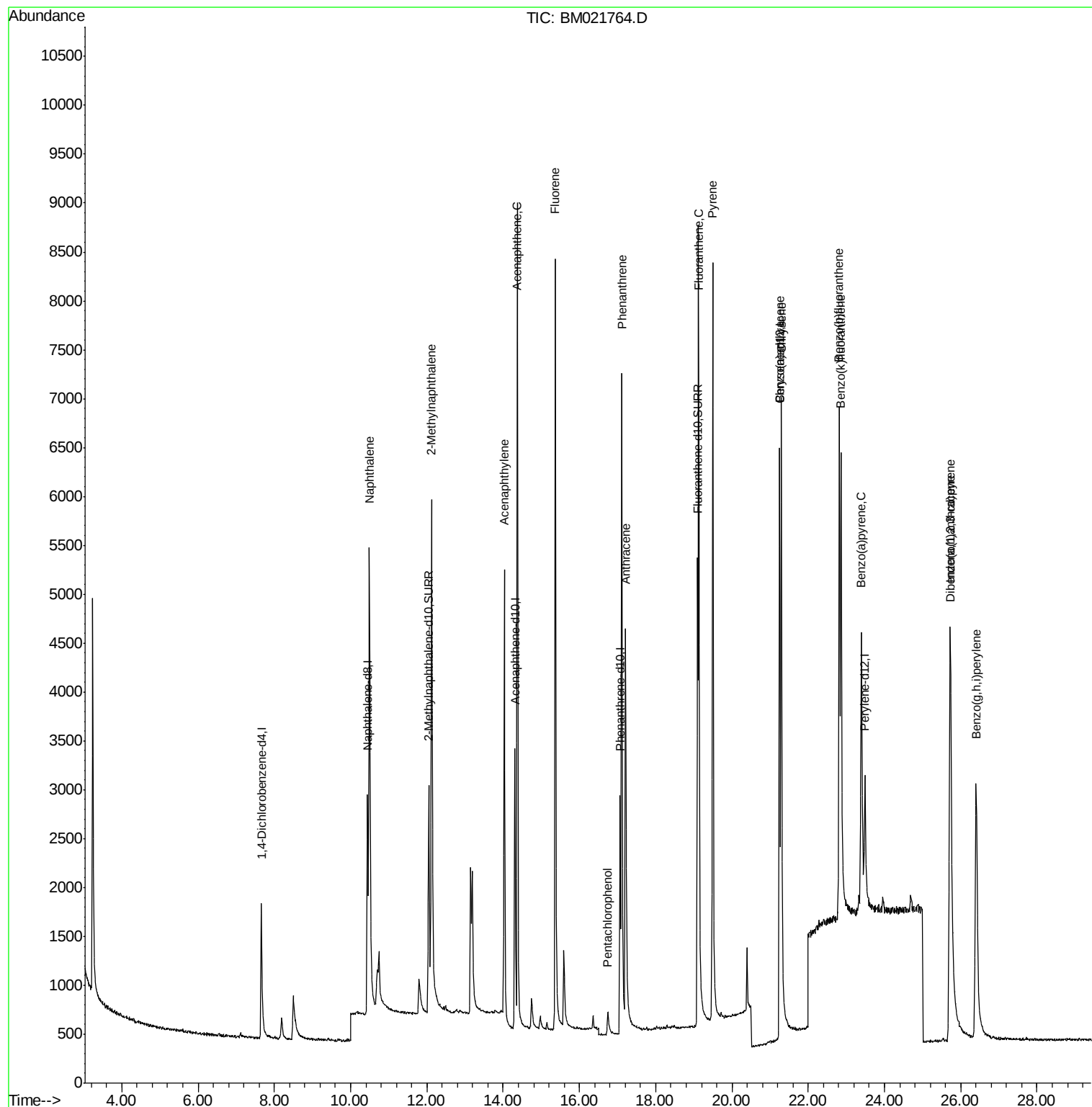
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1063	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	4404	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1755	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	3409	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	2489	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	2257	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	4686	0.89	ng/ul	-0.02
14) Fluoranthene-d10	19.10	212	5679	0.58	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.49	128	9492	0.854	ng/ul	95
5) 2-Methylnaphthalene	12.12	142	5663	0.965	ng/ul	98
7) Acenaphthylene	14.03	152	6750	0.704	ng/ul	97
8) Acenaphthene	14.37	153	5820	0.824	ng/ul	98
9) Fluorene	15.37	166	6138	0.774	ng/ul	99
11) Pentachlorophenol	16.74	266	390	0.335	ng/ul	86
12) Phenanthrene	17.11	178	8794	0.933	ng/ul	98
13) Anthracene	17.21	178	6989	0.861	ng/ul	96
15) Fluoranthene	19.13	202	8098	0.687	ng/ul	100
17) Pyrene	19.49	202	8261	1.172	ng/ul	97
18) Benzo(a)anthracene	21.25	228	5572	0.718	ng/ul	97
19) Chrysene	21.30	228	8091	0.828	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	6929	0.831	ng/ul	89
22) Benzo(k)fluoranthene	22.86	252	7459	0.883	ng/ul#	86
23) Benzo(a)pyrene	23.39	252	5966	0.797	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.72	276	7214	0.720	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.74	278	5752	0.732	ng/ul#	86
26) Benzo(g,h,i)perylene	26.40	276	6822	0.711	ng/ul	96

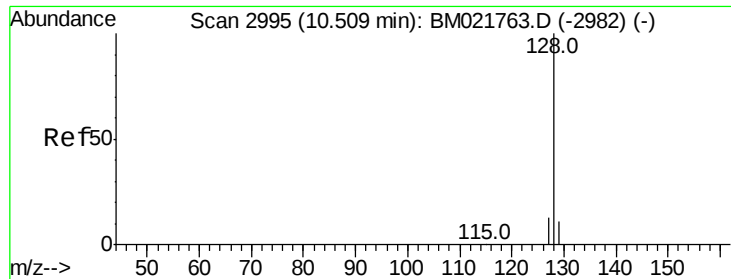
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021764.D
Acq On : 02 Aug 2019 19:09
Operator : HP/JU
Sample : SST0.816
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 02 23:41:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 23:36:26 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.854 ng/ul

RT: 10.49 min Scan# 2991

Delta R.T. -0.02 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

Instrument :

BNA_M

ClientSampleId :

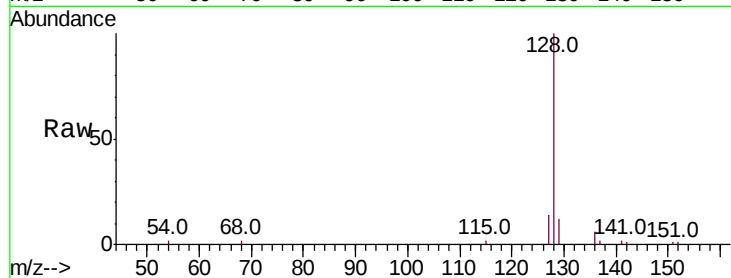
Tot Ion:128 Resp: 9492

Ion Ratio Lower Upper

128 100

129 12.3 11.8 17.6

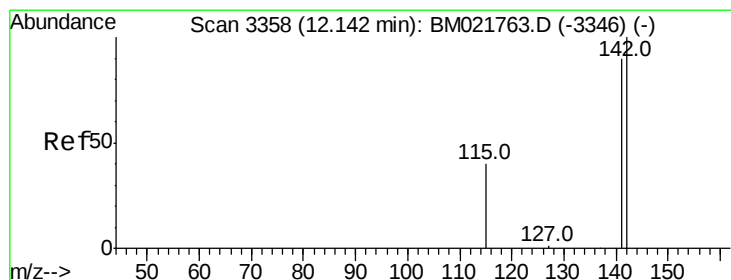
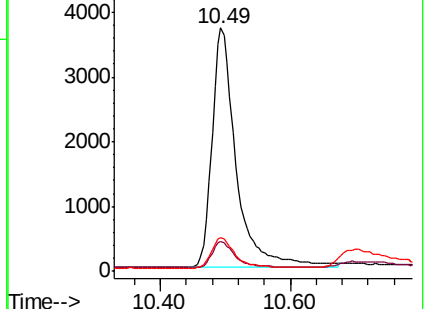
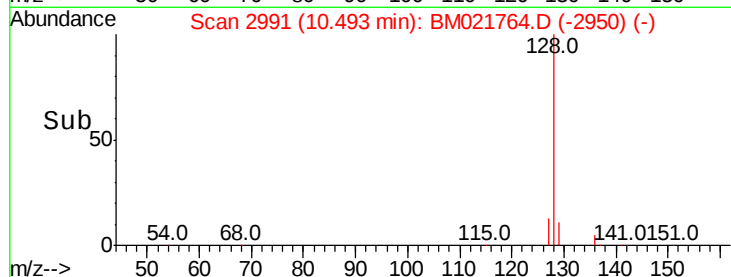
127 13.8 12.6 18.8



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: 0.965 ng/ul

RT: 12.12 min Scan# 3353

Delta R.T. -0.02 min

Lab File: BM021764.D

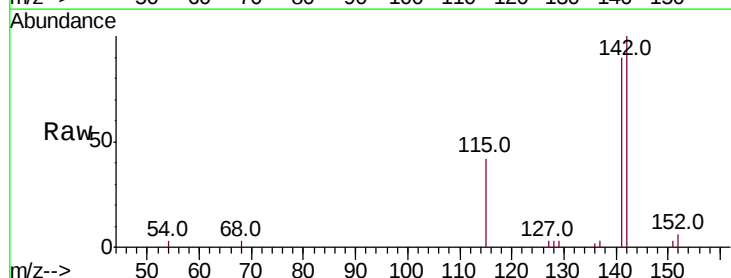
Acq: 02 Aug 2019 19:09

Tgt Ion:142 Resp: 5663

Ion Ratio Lower Upper

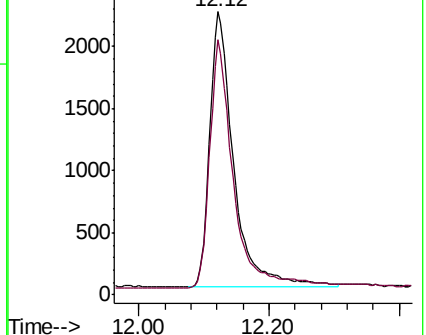
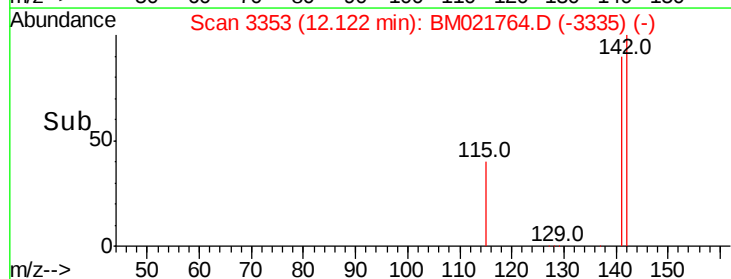
142 100

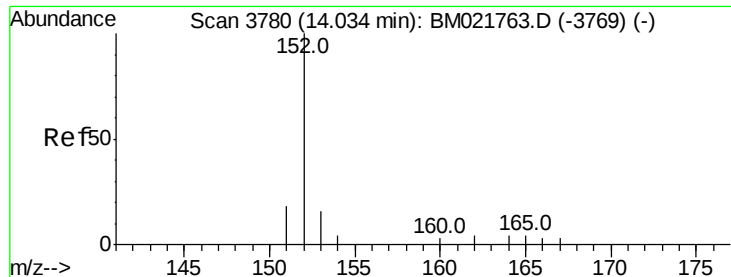
141 90.9 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.704 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

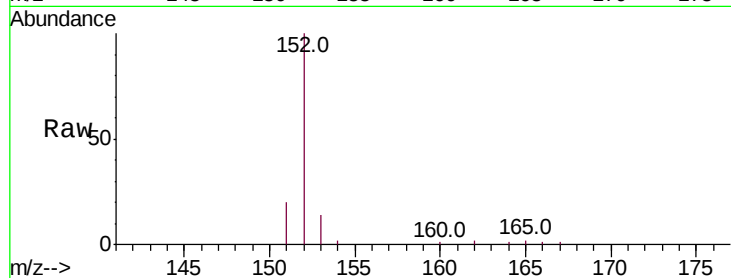
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 6750

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.4
153	14.2	12.6	19.0

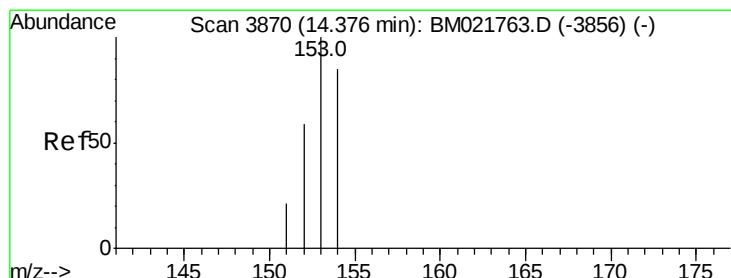
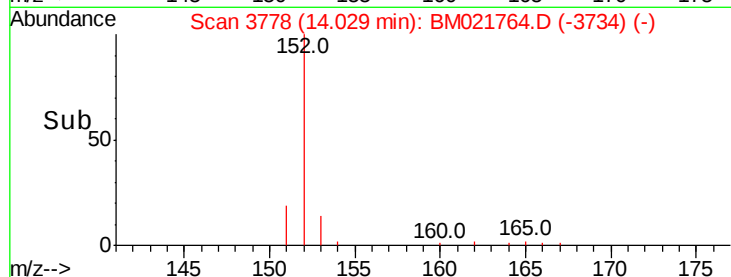
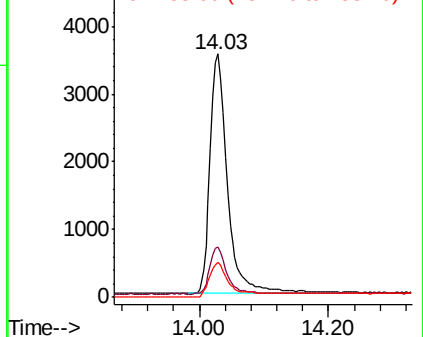


Abundance

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: 0.824 ng/ul

RT: 14.37 min Scan# 3868

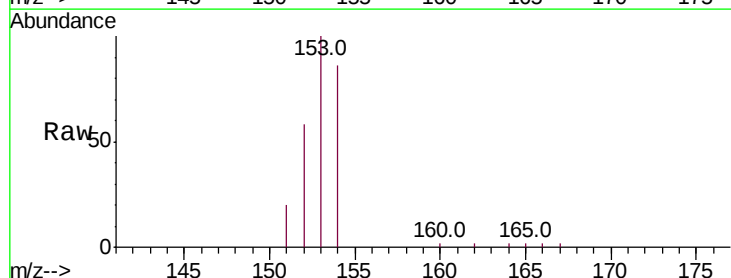
Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

Tgt Ion:153 Resp: 5820

Ion	Ratio	Lower	Upper
153	100		
152	57.8	48.9	73.3
154	86.0	69.0	103.6

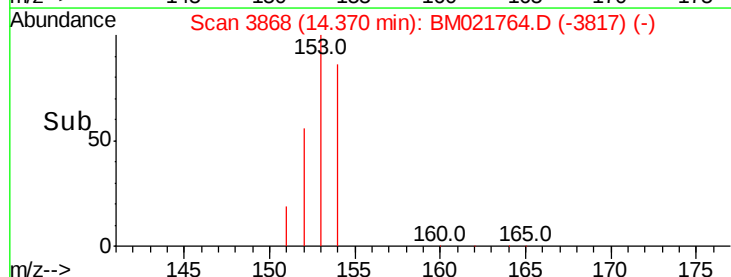
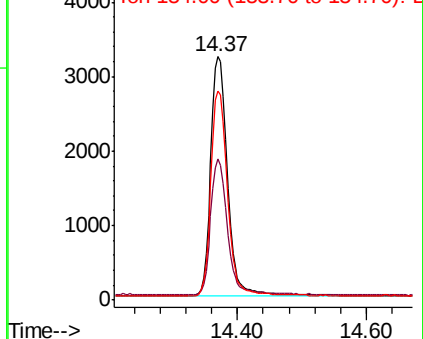


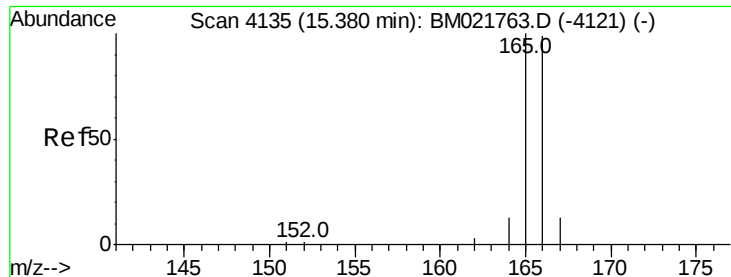
Abundance

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: 0.774 ng/ul

RT: 15.37 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

Instrument :

BNA_M

ClientSampleId :

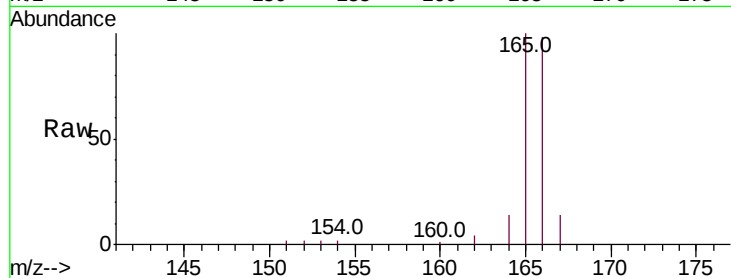
Tot Ion:166 Resp: 6138

Ion Ratio Lower Upper

166 100

165 102.2 81.6 122.4

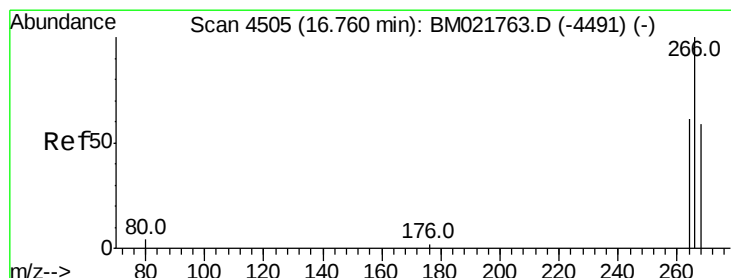
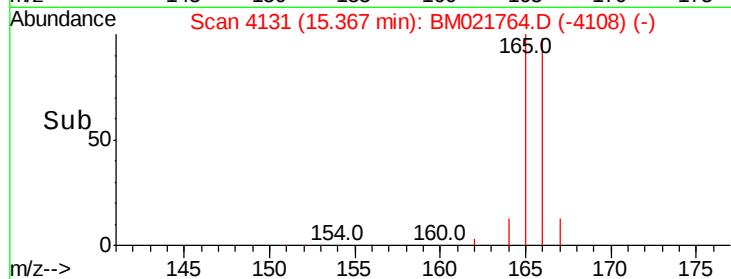
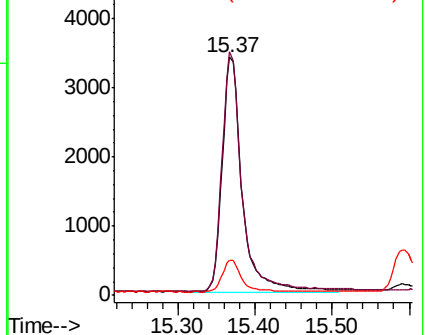
167 14.4 12.8 19.2



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: 0.335 ng/ul

RT: 16.74 min Scan# 4498

Delta R.T. -0.02 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

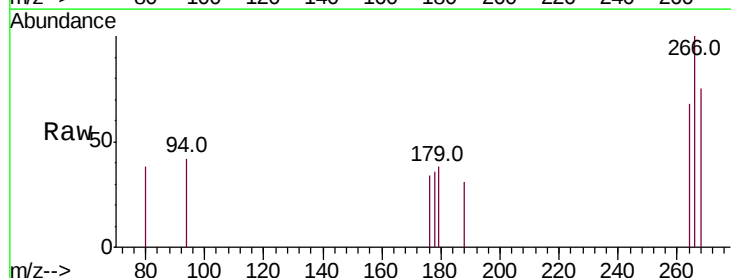
Tgt Ion:266 Resp: 390

Ion Ratio Lower Upper

266 100

264 53.1 51.8 77.6

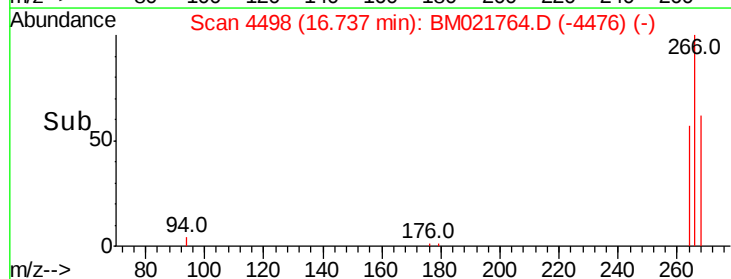
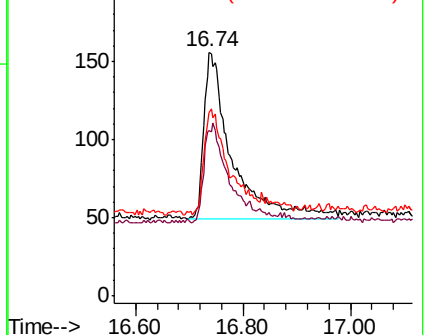
268 54.4 36.2 54.4

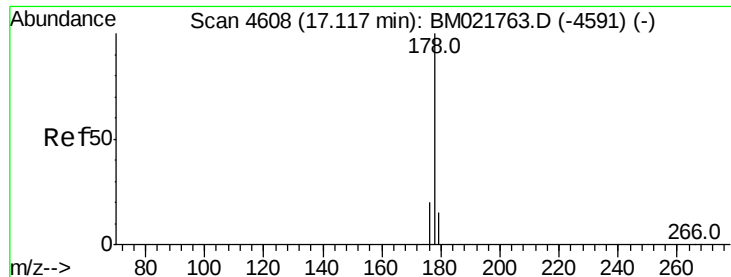


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.933 ng/ul

RT: 17.11 min Scan# 4605

Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

Instrument :

BNA_M

ClientSampleId :

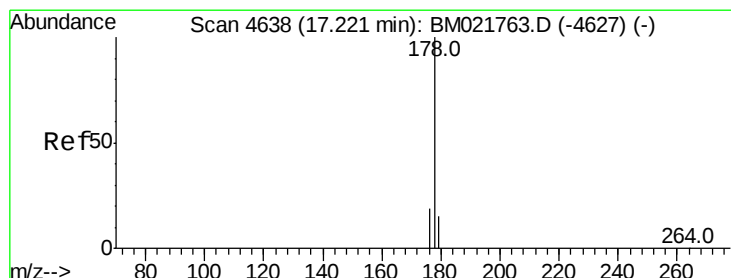
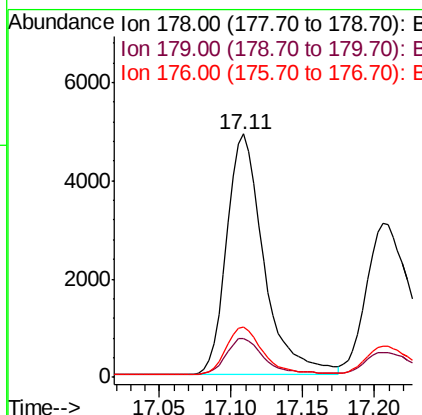
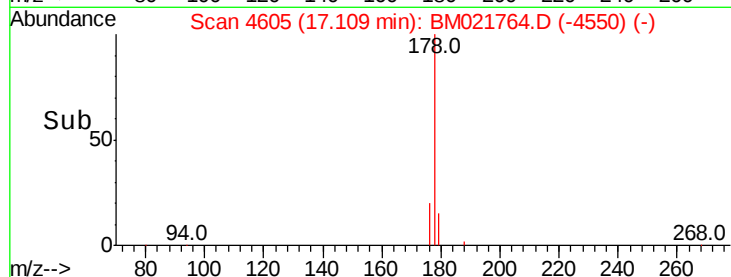
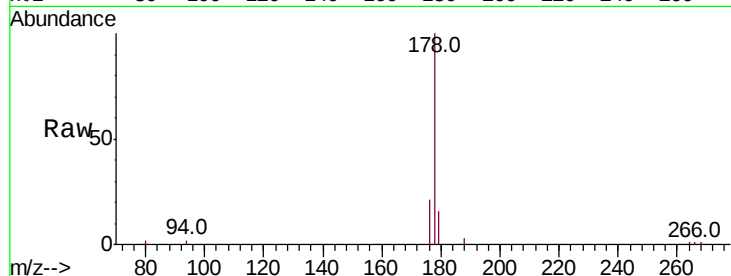
Tot Ion:178 Resp: 8794

Ion Ratio Lower Upper

178 100

179 16.1 13.8 20.6

176 20.5 17.4 26.0



#13

Anthracene

Concen: 0.861 ng/ul

RT: 17.21 min Scan# 4633

Delta R.T. -0.02 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

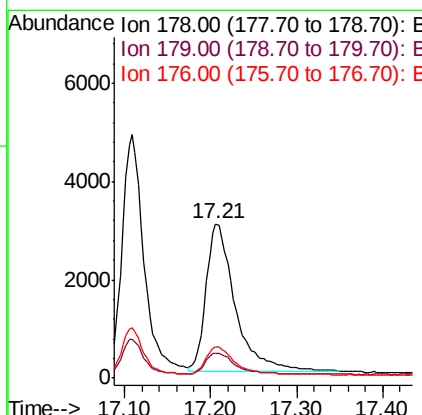
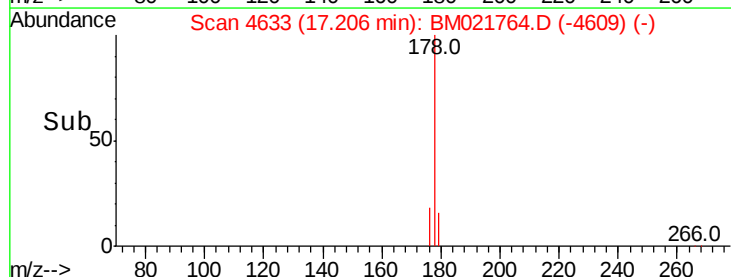
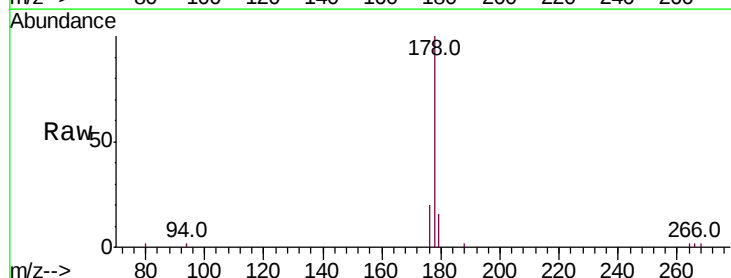
Tgt Ion:178 Resp: 6989

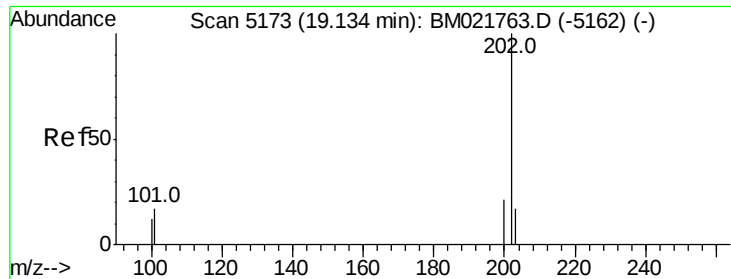
Ion Ratio Lower Upper

178 100

179 16.4 15.2 22.8

176 20.3 17.4 26.0

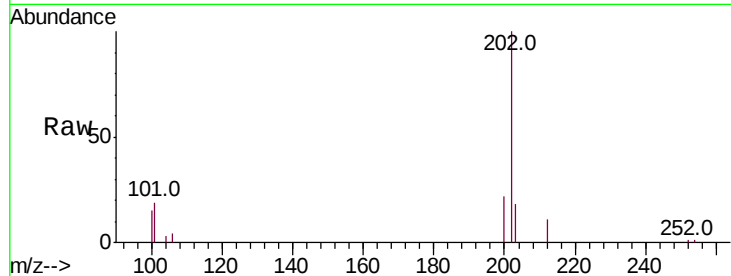




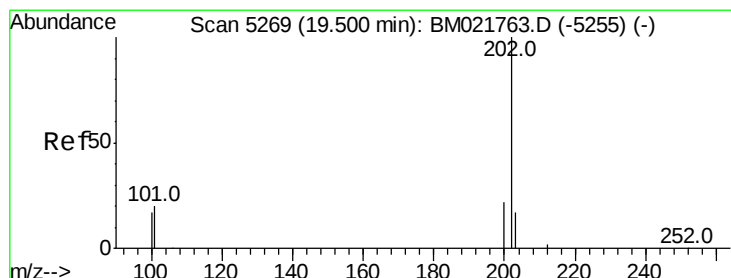
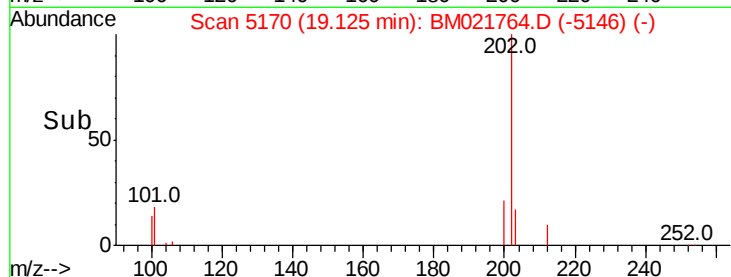
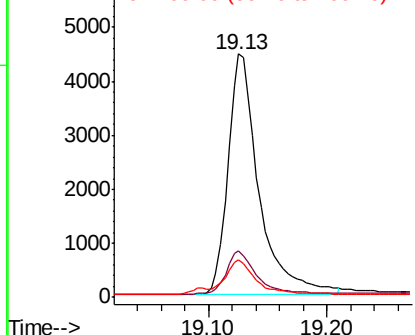
#15
Fluoranthene
Concen: 0.687 ng/ul
RT: 19.13 min Scan# 5170
Delta R.T. -0.01 min
Lab File: BM021764.D
Acq: 02 Aug 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 8098
Ion Ratio Lower Upper
202 100
101 18.8 0.0 39.0
100 15.3 0.0 35.4

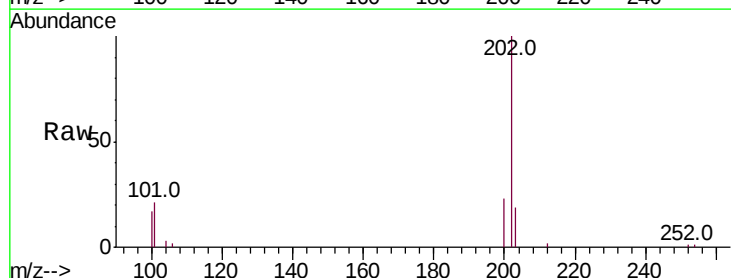


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

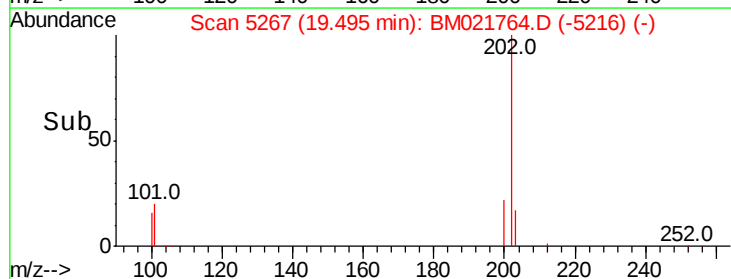
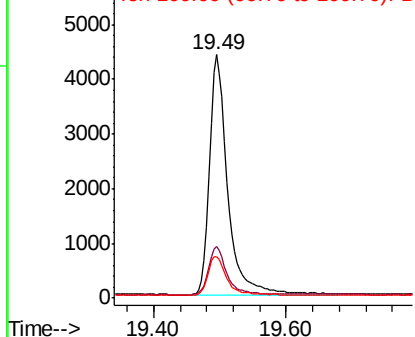


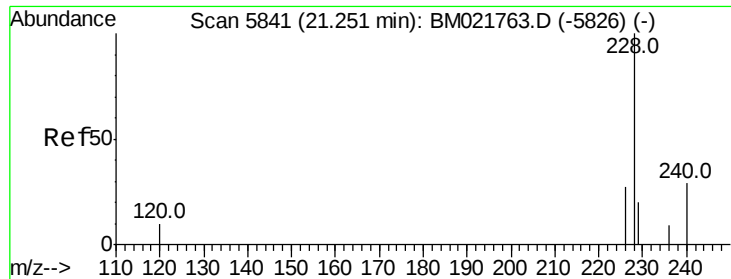
#17
Pyrene
Concen: 1.172 ng/ul
RT: 19.49 min Scan# 5267
Delta R.T. -0.01 min
Lab File: BM021764.D
Acq: 02 Aug 2019 19:09

Tgt Ion:202 Resp: 8261
Ion Ratio Lower Upper
202 100
101 21.2 18.0 27.0
100 17.0 15.0 22.6



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: 0.718 ng/ul

RT: 21.25 min Scan# 5838

Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

Instrument :

BNA_M

ClientSampleId :

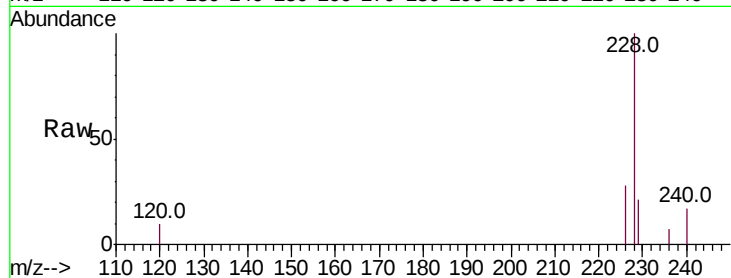
Tot Ion:228 Resp: 5572

Ion Ratio Lower Upper

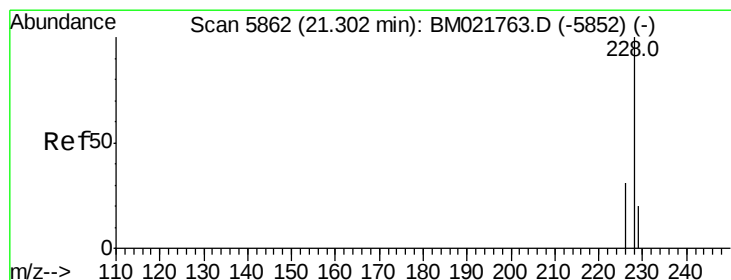
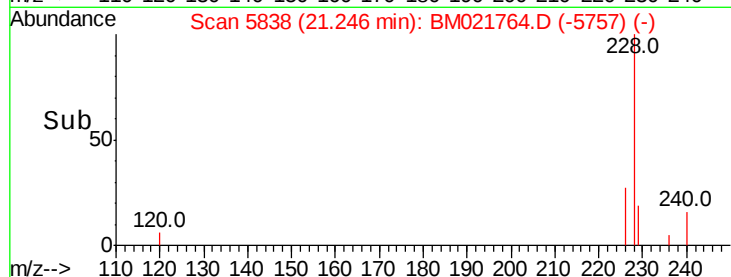
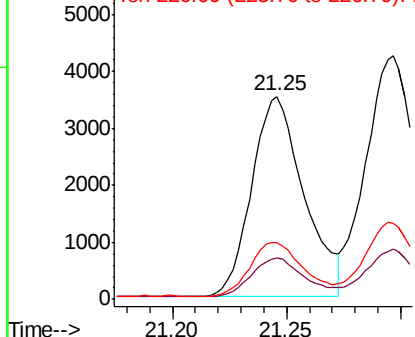
228 100

229 20.6 17.6 26.4

226 28.0 23.4 35.2



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: 0.828 ng/ul

RT: 21.30 min Scan# 5859

Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

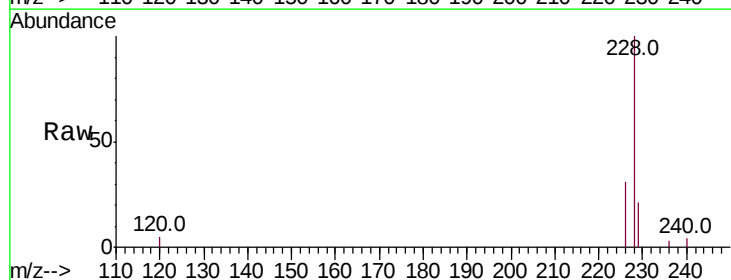
Tgt Ion:228 Resp: 8091

Ion Ratio Lower Upper

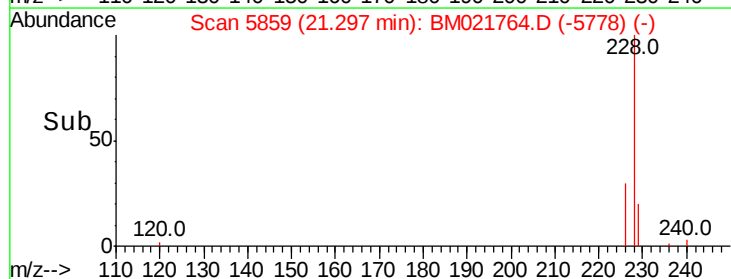
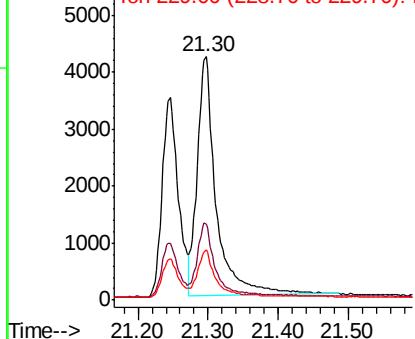
228 100

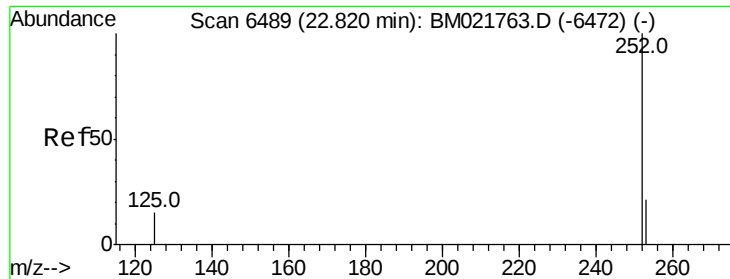
226 31.1 25.4 38.0

229 20.6 17.4 26.0



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: 0.831 ng/u1

RT: 22.81 min Scan# 6485

Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

Instrument :

BNA_M

ClientSampleId :

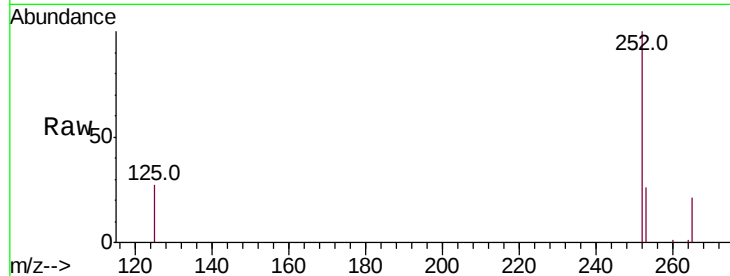
Tot Ion:252 Resp: 6929

Ion Ratio Lower Upper

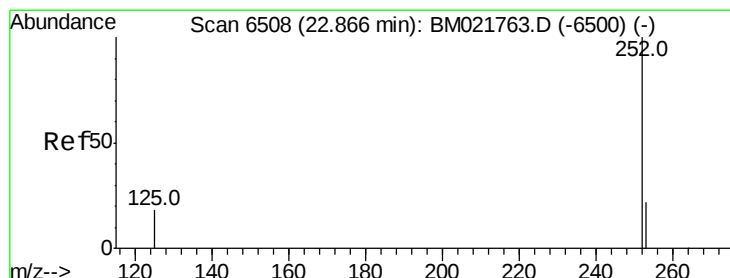
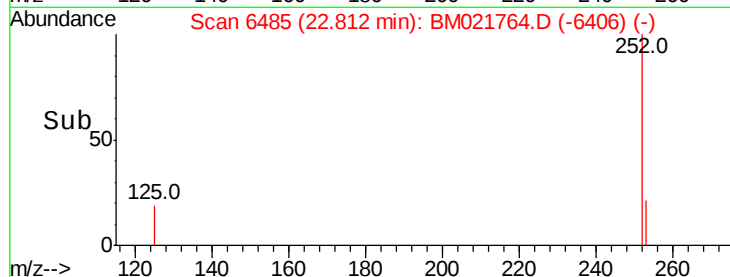
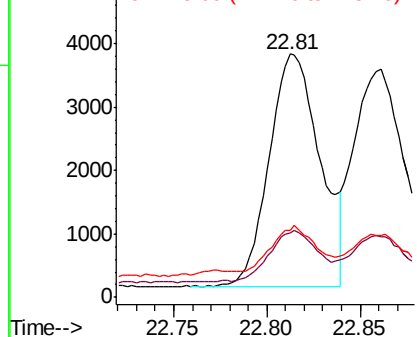
252 100

253 26.3 0.0 63.2

125 27.3 0.0 69.6



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: 0.883 ng/u1

RT: 22.86 min Scan# 6505

Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

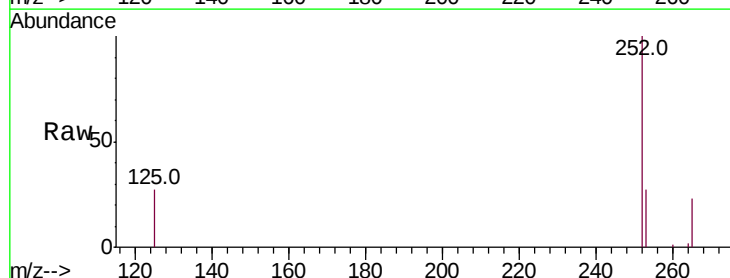
Tgt Ion:252 Resp: 7459

Ion Ratio Lower Upper

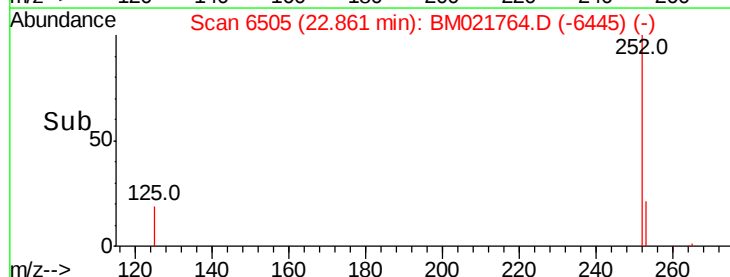
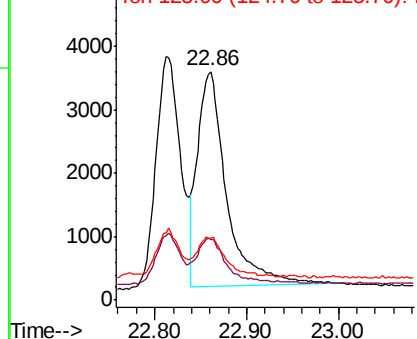
252 100

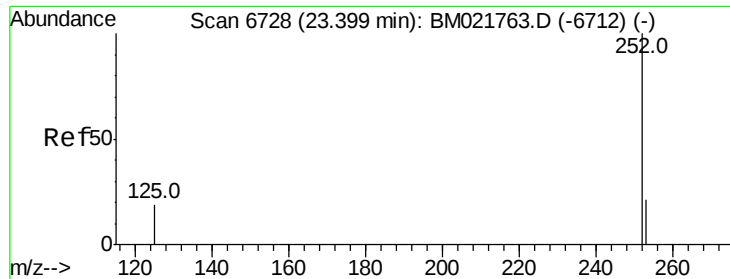
253 26.5 26.4 39.6

125 26.9 29.2 43.8#



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





#23

Benzo(a)pyrene

Concen: 0.797 ng/ul

RT: 23.39 min Scan# 6725

Delta R.T. -0.01 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

Instrument :

BNA_M

ClientSampleId :

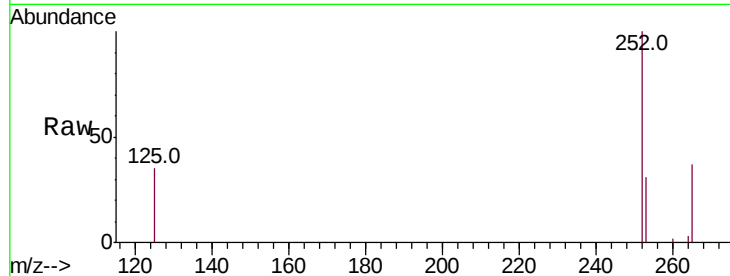
Tot Ion:252 Resp: 5966

Ion Ratio Lower Upper

252 100

253 31.0 32.2 48.4#

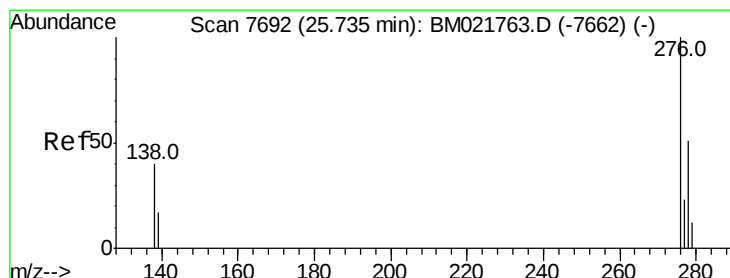
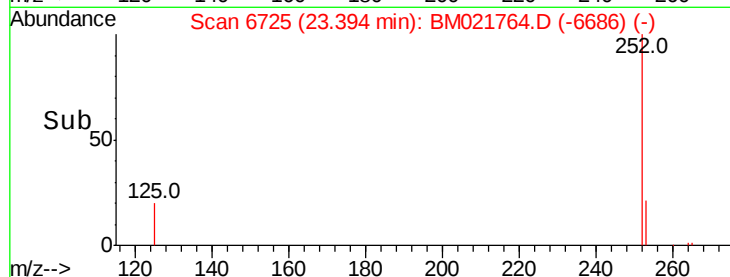
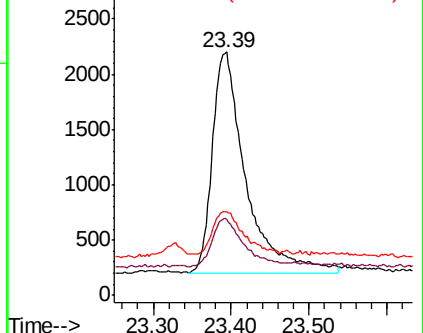
125 34.5 38.6 58.0#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.720 ng/ul

RT: 25.72 min Scan# 7683

Delta R.T. -0.02 min

Lab File: BM021764.D

Acq: 02 Aug 2019 19:09

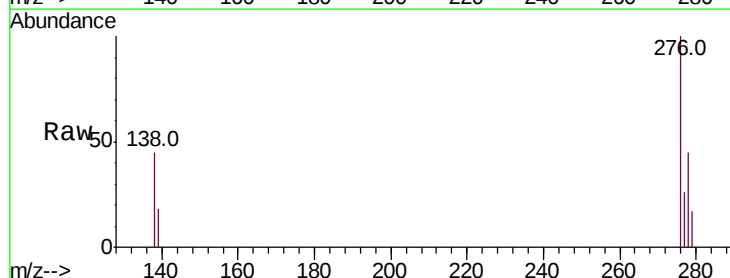
Tgt Ion:276 Resp: 7214

Ion Ratio Lower Upper

276 100

138 47.3 35.1 52.7

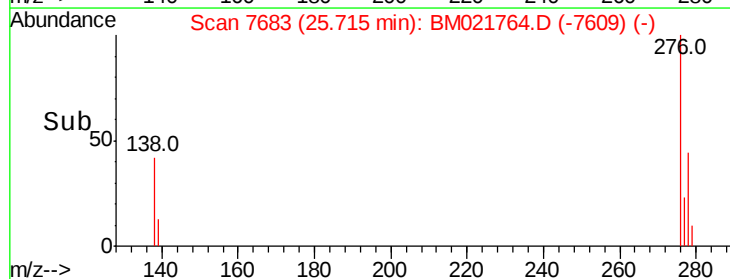
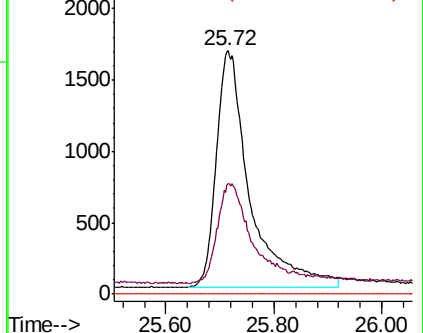
227 0.0 0.0 0.0

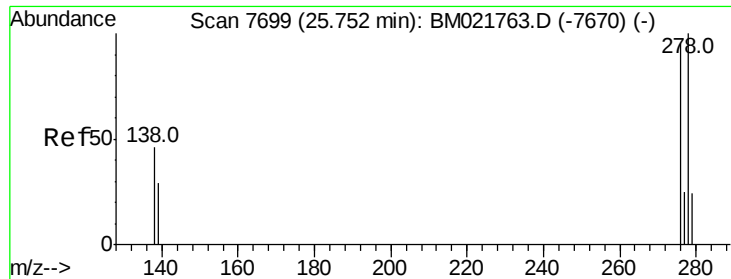


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

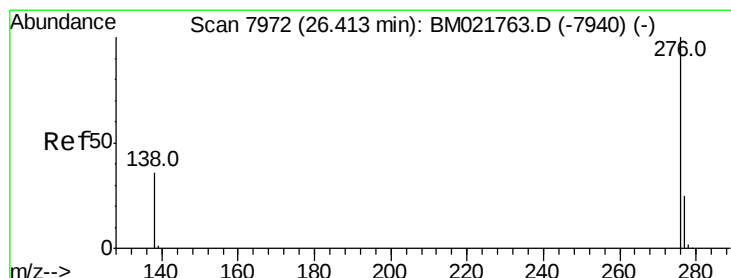
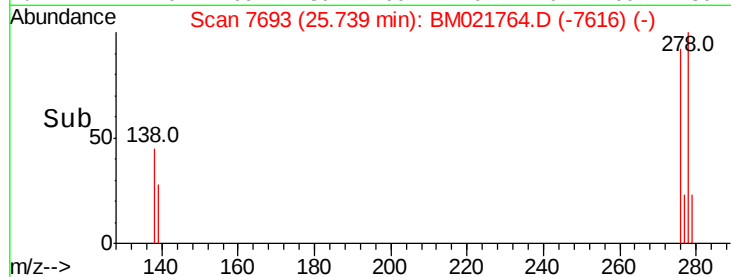
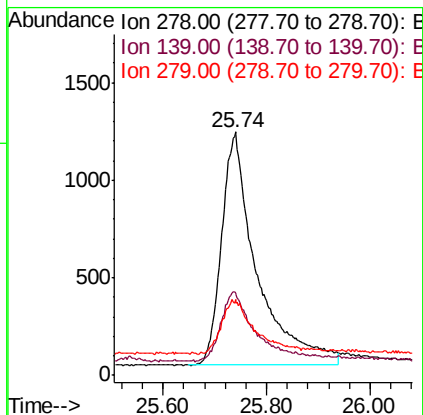
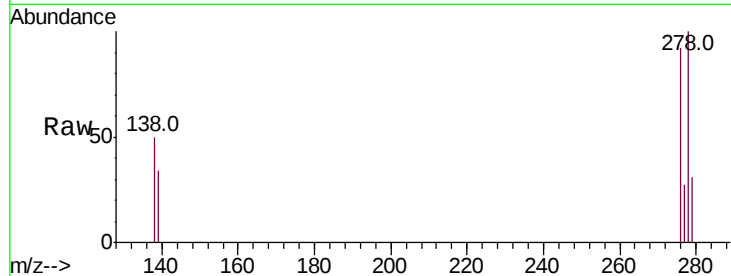




#25
Dibenzo(a,h)anthracene
Concen: 0.732 ng/ul
RT: 25.74 min Scan# 7693
Delta R.T. -0.01 min
Lab File: BM021764.D
Acq: 02 Aug 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 5752
Ion Ratio Lower Upper
278 100
139 33.7 31.6 47.4
279 31.3 34.2 51.2#



#26
Benzo(g,h,i)perylene
Concen: 0.711 ng/ul
RT: 26.40 min Scan# 7967
Delta R.T. -0.01 min
Lab File: BM021764.D
Acq: 02 Aug 2019 19:09

Tgt Ion:276 Resp: 6822
Ion Ratio Lower Upper
276 100
138 44.0 36.0 54.0
277 25.9 24.4 36.6

