

Data File : BM027618.D
Acq On : 05 Oct 2020 22:49
Operator : JU/CG
Sample : L4184-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7

Quant Time: Oct 06 01:26:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1633	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	4754	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	2465	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.17	188	8455	0.40	ng/ul	0.00
16) Chrysene-d12	21.34	240	9551	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	10271	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	1290	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	4423	0.19	ng/ul	0.00

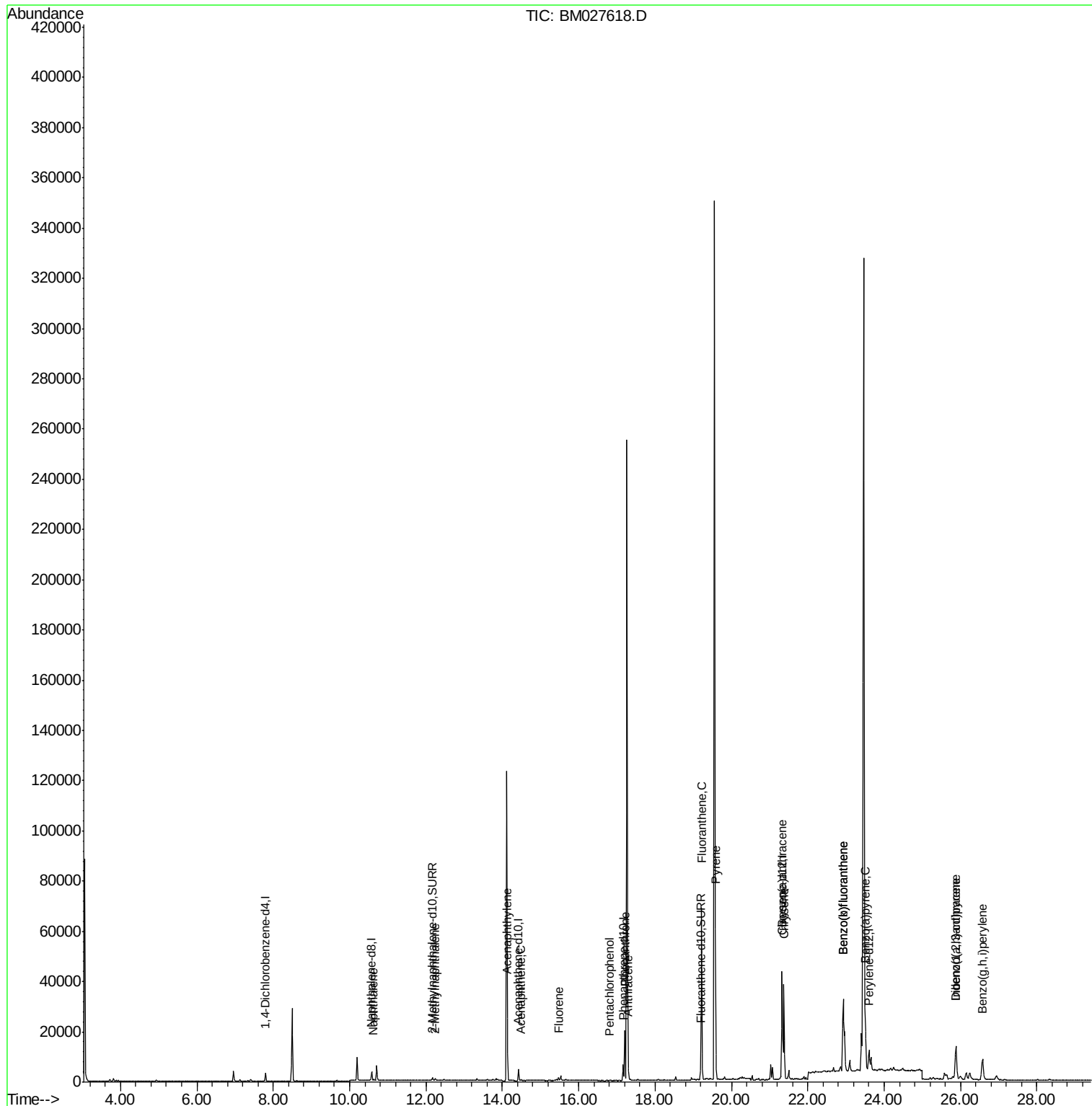
Target Compounds				Qvalue		
3) Naphthalene	10.63	128	672	0.048	ng/ul#	80
5) 2-Methylnaphthalene	12.24	142	492	0.049	ng/ul	96
7) Acenaphthylene	14.14	152	594	0.047	ng/ul#	81
8) Acenaphthene	14.49	153	399	0.045	ng/ul	99
9) Fluorene	15.48	166	664	0.060	ng/ul#	93
11) Pentachlorophenol	16.82	266	109	0.047	ng/ul	99
12) Phenanthrene	17.21	178	20642	0.791	ng/ul	99
13) Anthracene	17.30	178	3987	0.156	ng/ul	96
15) Fluoranthene	19.22	202	61764	1.968	ng/ul	97
17) Pyrene	19.58	202	53836	1.235	ng/ul#	96
18) Benzo(a)anthracene	21.33	228	34659	0.925	ng/ul	98
19) Chrysene	21.38	228	35479	0.914	ng/ul	98
21) Benzo(b)fluoranthene	22.92	252	66218	1.600	ng/ul	97
22) Benzo(k)fluoranthene	22.92	252	66218	1.539	ng/ul	97
23) Benzo(a)pyrene	23.50	252	31217	0.843	ng/ul#	98
24) Indeno(1,2,3-cd)pyrene	25.88	276	22942	0.481	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.88	278	6346	0.161	ng/ul#	83
26) Benzo(g,h,i)perylene	26.58	276	19927	0.495	ng/ul	97

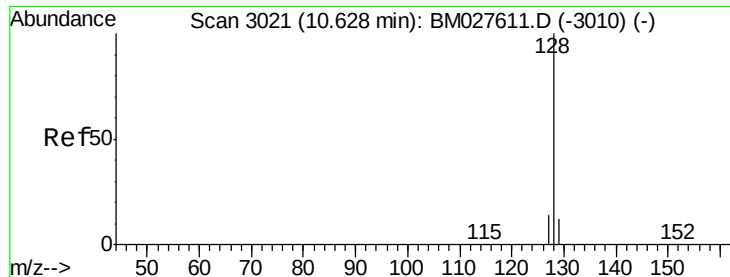
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM027618.D
Acq On : 05 Oct 2020 22:49
Operator : JU/CG
Sample : L4184-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7

Quant Time: Oct 06 01:26:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.63 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

Instrument :

BNA_M

ClientSampleId :

C0AL7

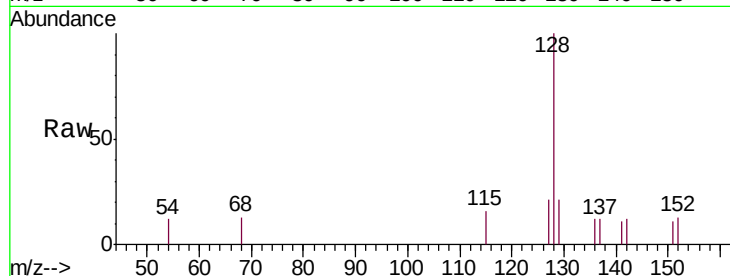
Tgt Ion:128 Resp: 672

Ion Ratio Lower Upper

128 100

129 21.2 9.9 14.9#

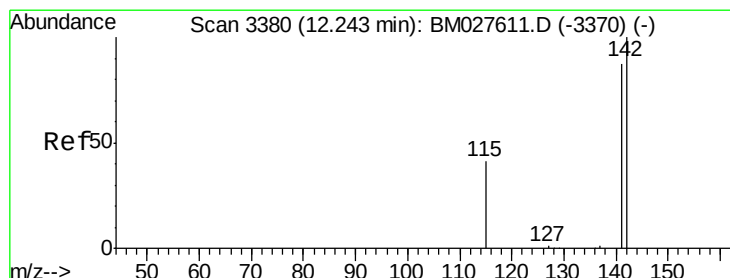
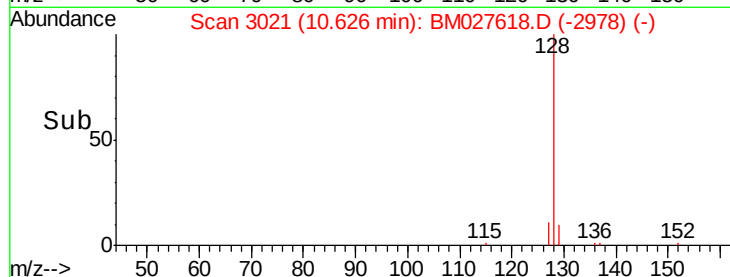
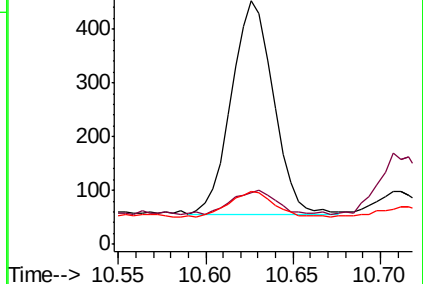
127 21.4 11.4 17.2#



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: 0.049 ng/ul

RT: 12.24 min Scan# 3380

Delta R.T. -0.00 min

Lab File: BM027618.D

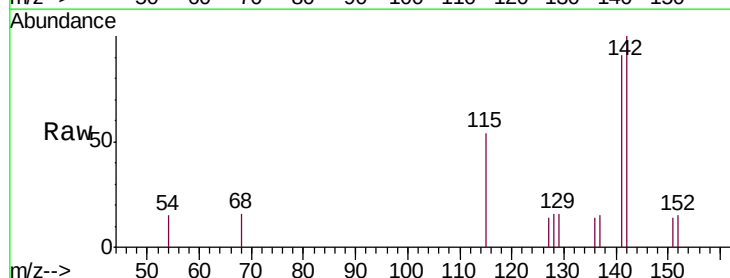
Acq: 05 Oct 2020 22:49

Tgt Ion:142 Resp: 492

Ion Ratio Lower Upper

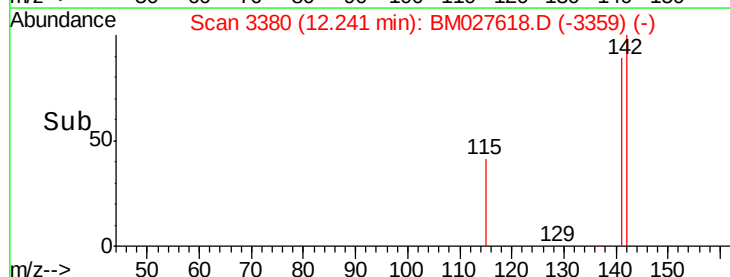
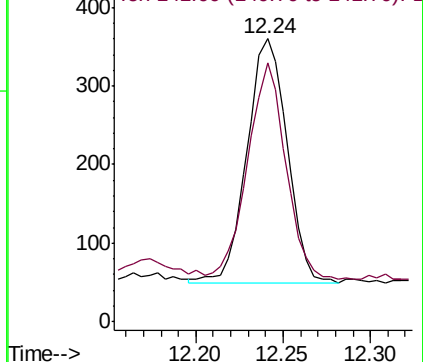
142 100

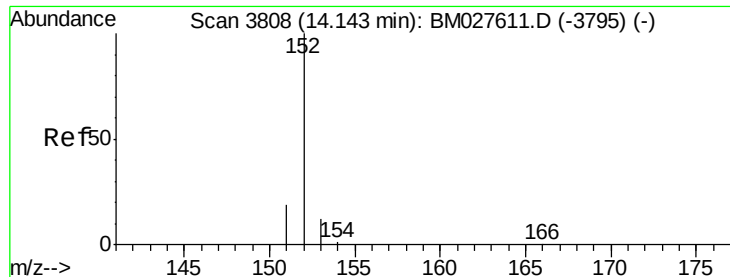
141 84.8 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.14 min Scan# 3808

Delta R.T. -0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

Instrument :

BNA_M

ClientSampleId :

COAL7

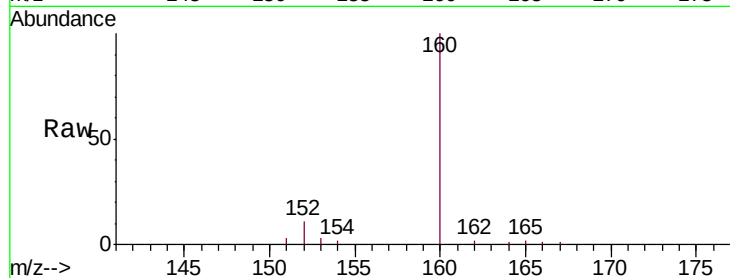
Tgt Ion:152 Resp: 594

Ion Ratio Lower Upper

152 100

151 27.9 16.6 24.8#

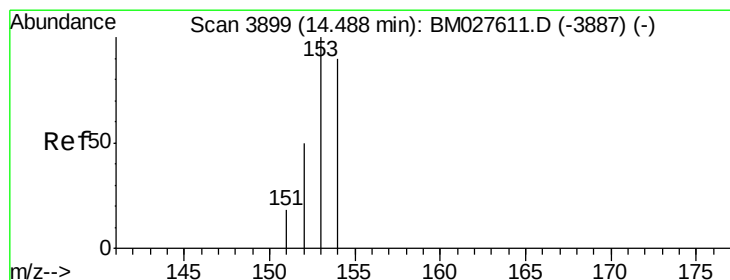
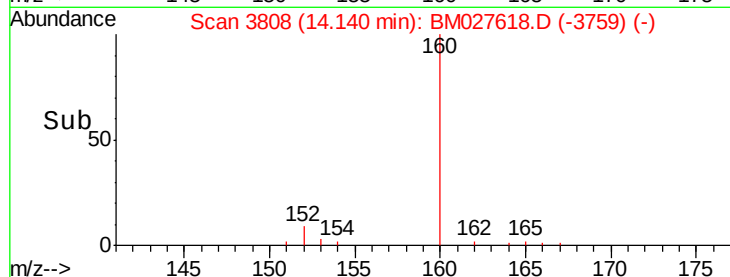
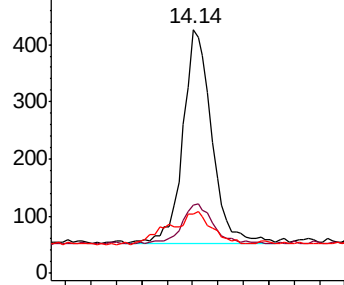
153 24.2 11.4 17.0#



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: 0.045 ng/ul

RT: 14.49 min Scan# 3899

Delta R.T. 0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

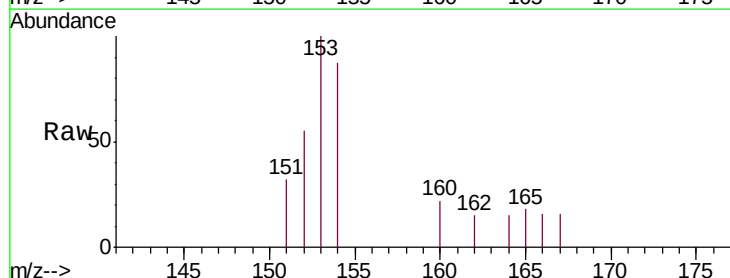
Tgt Ion:153 Resp: 399

Ion Ratio Lower Upper

153 100

152 54.7 42.8 64.2

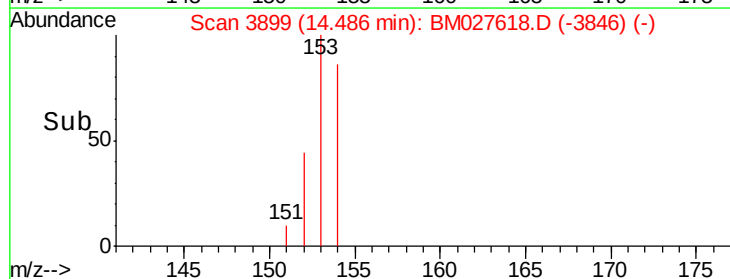
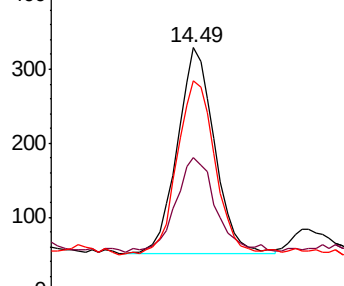
154 86.6 69.0 103.6

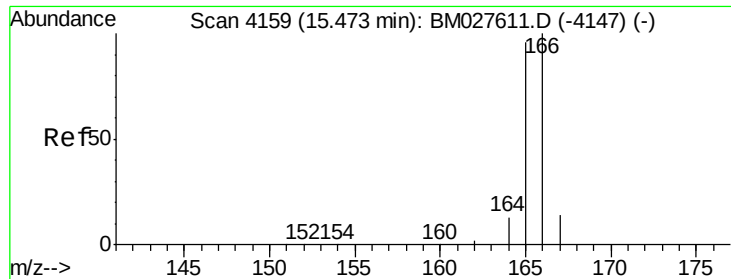


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

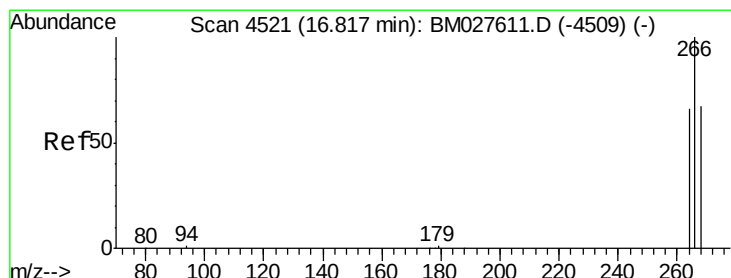
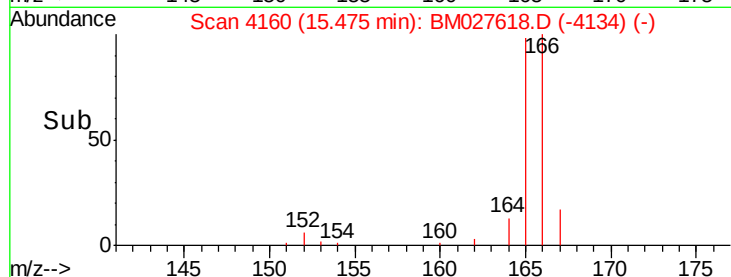
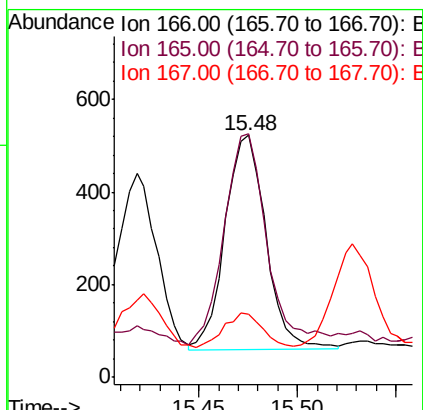
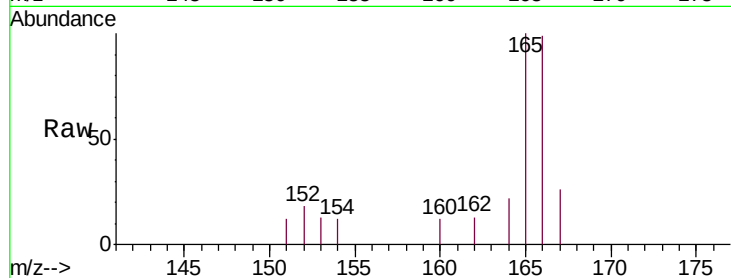




#9
Fluorene
 Concen: 0.060 ng/ul
 RT: 15.48 min Scan# 4160
 Delta R.T. 0.00 min
 Lab File: BM027618.D
 Acq: 05 Oct 2020 22:49

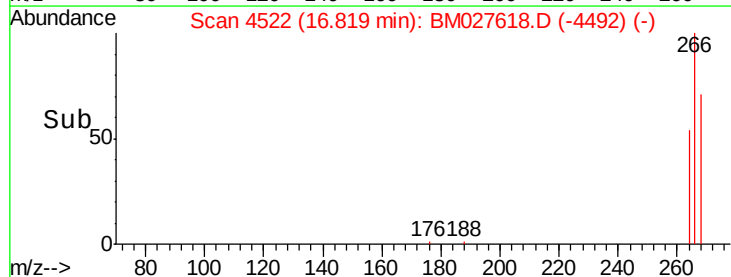
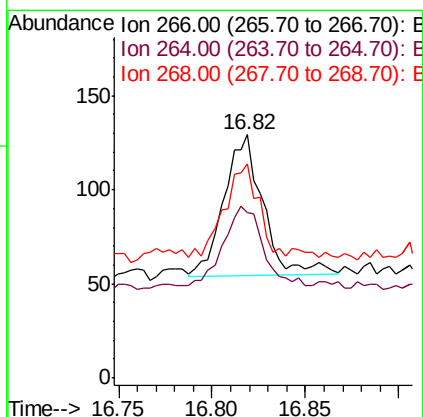
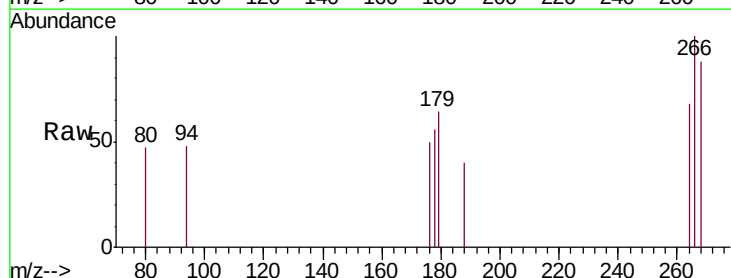
Instrument :
 BNA_M
 ClientSampleId :
 C0AL7

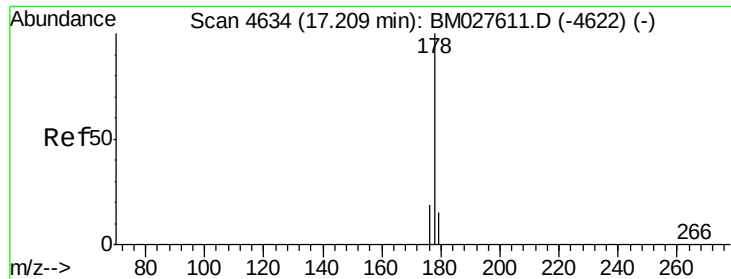
Tgt Ion:166 Resp: 664
 Ion Ratio Lower Upper
 166 100
 165 100.6 77.2 115.8
 167 25.8 11.1 16.7#



#11
Pentachlorophenol
 Concen: 0.047 ng/ul
 RT: 16.82 min Scan# 4522
 Delta R.T. 0.00 min
 Lab File: BM027618.D
 Acq: 05 Oct 2020 22:49

Tgt Ion:266 Resp: 109
 Ion Ratio Lower Upper
 266 100
 264 61.5 50.2 75.4
 268 62.4 50.2 75.4





#12

Phenanthrene

Concen: 0.791 ng/ul

RT: 17.21 min Scan# 4634

Delta R.T. 0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

Instrument :

BNA_M

ClientSampleId :

C0AL7

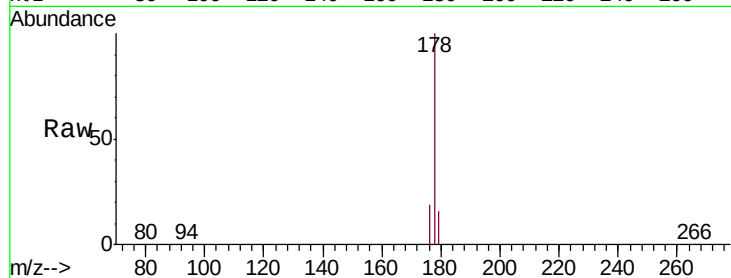
Tgt Ion:178 Resp: 20642

Ion Ratio Lower Upper

178 100

179 15.9 12.9 19.3

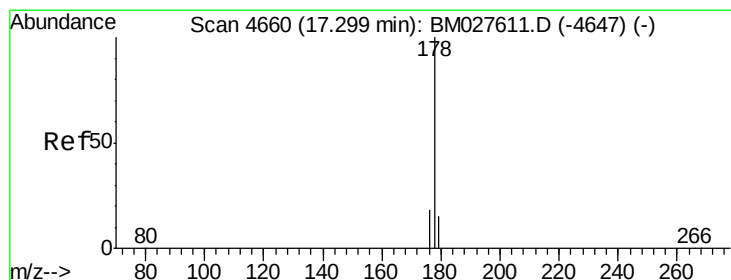
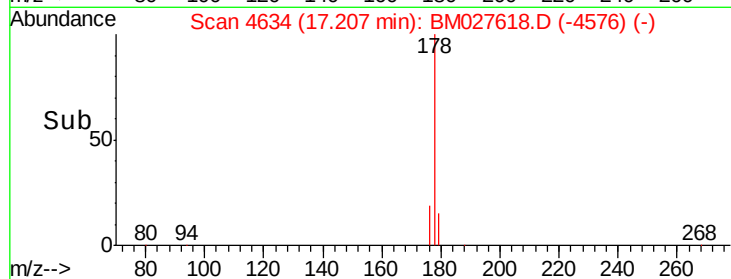
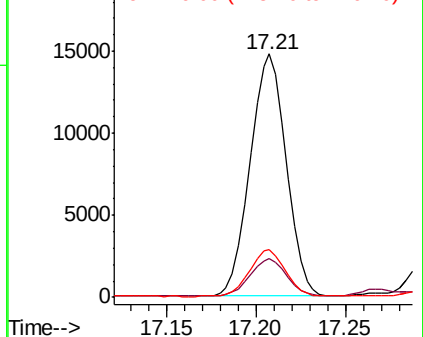
176 19.4 15.3 22.9



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



#13

Anthracene

Concen: 0.156 ng/ul

RT: 17.30 min Scan# 4660

Delta R.T. 0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

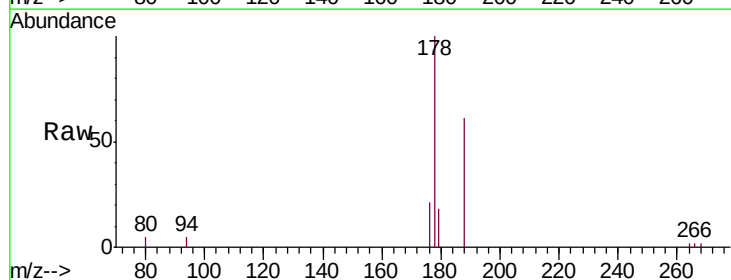
Tgt Ion:178 Resp: 3987

Ion Ratio Lower Upper

178 100

179 18.1 13.0 19.4

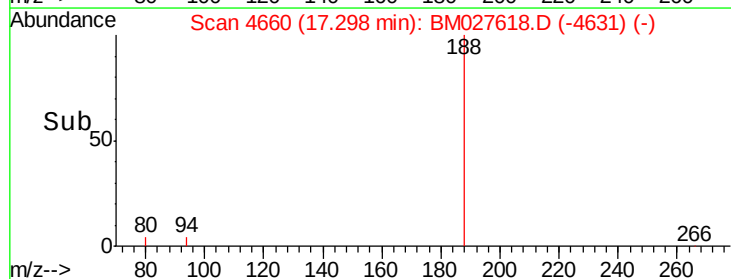
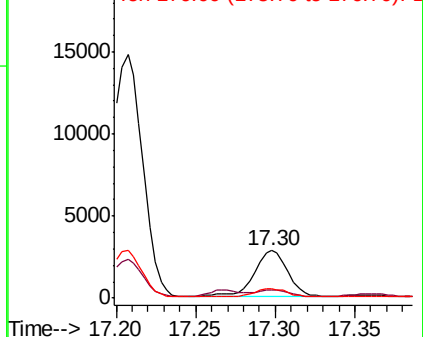
176 20.6 15.2 22.8

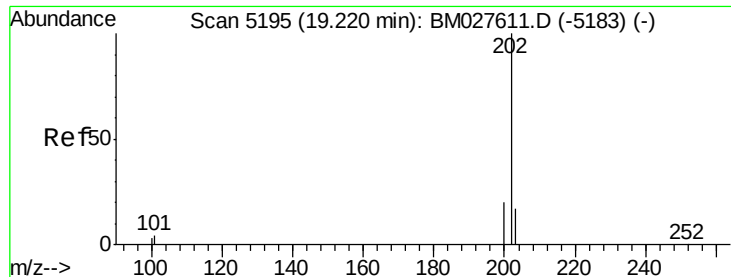


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

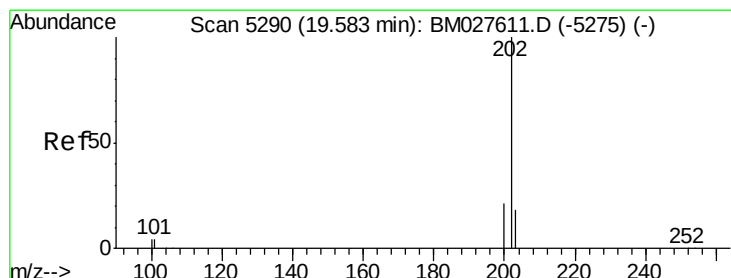
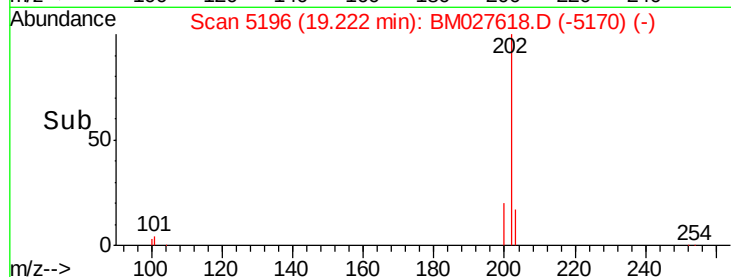
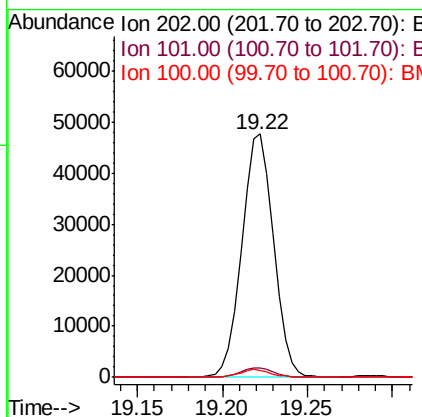
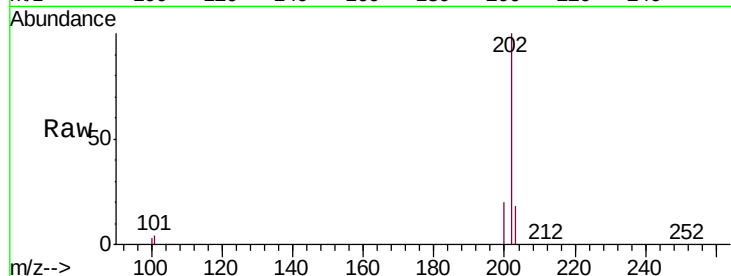




#15
Fluoranthene
 Concen: 1.968 ng/ul
 RT: 19.22 min Scan# 5196
 Delta R.T. 0.00 min
 Lab File: BM027618.D
 Acq: 05 Oct 2020 22:49

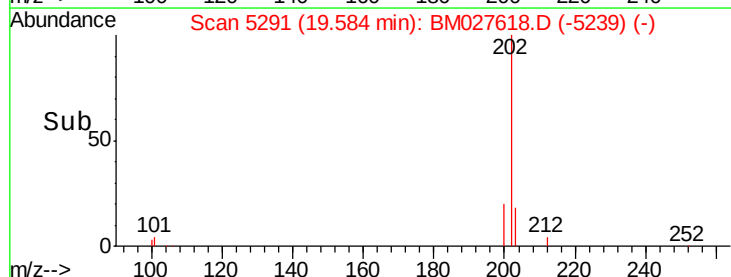
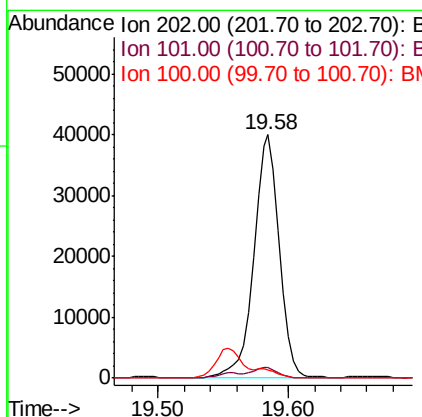
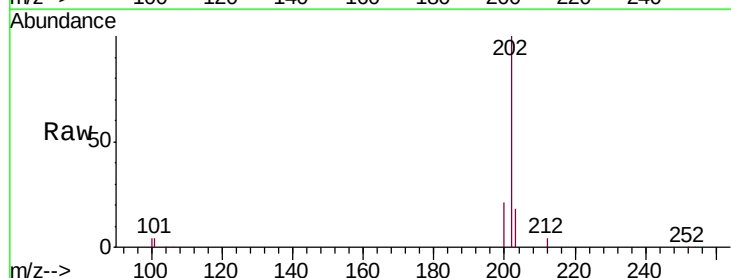
Instrument :
 BNA_M
 ClientSampleId :
 C0AL7

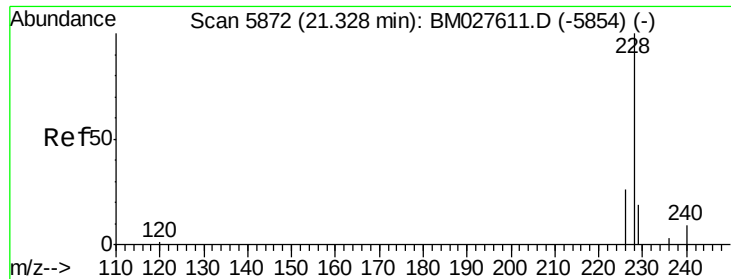
Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	24.9
100	3.0	0.0	24.1



#17
Pyrene
 Concen: 1.235 ng/ul
 RT: 19.58 min Scan# 5291
 Delta R.T. 0.00 min
 Lab File: BM027618.D
 Acq: 05 Oct 2020 22:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.4	4.7	7.1#
100	3.5	3.9	5.9#





#18

Benzo(a)anthracene

Concen: 0.925 ng/ul

RT: 21.33 min Scan# 5872

Delta R.T. -0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

Instrument :

BNA_M

ClientSampleId :

C0AL7

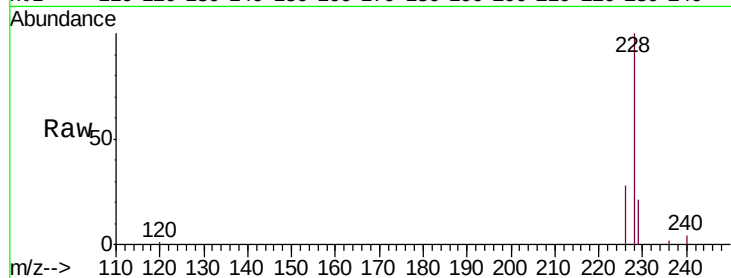
Tgt Ion:228 Resp: 34659

Ion Ratio Lower Upper

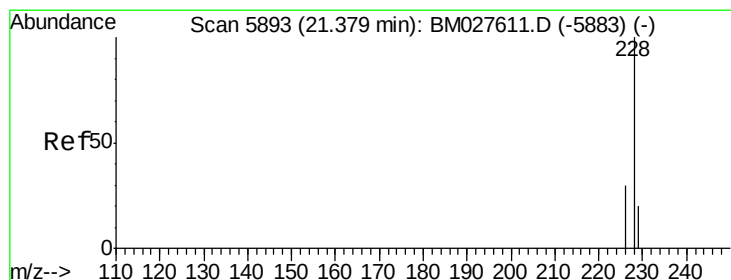
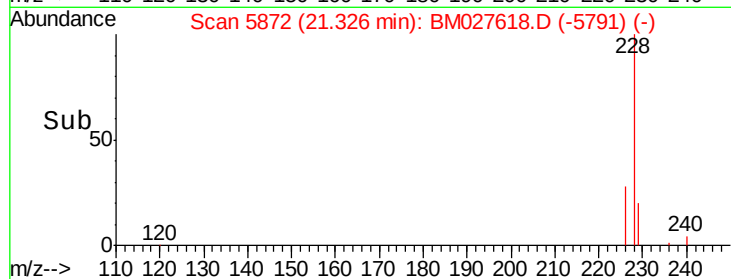
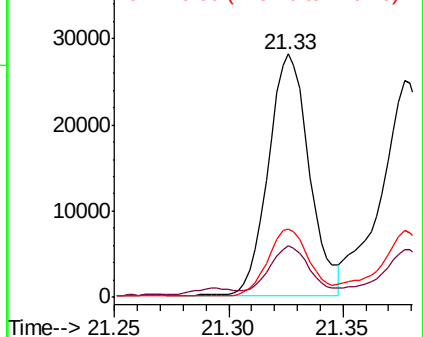
228 100

229 21.0 15.6 23.4

226 28.1 21.8 32.8



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: 0.914 ng/ul

RT: 21.38 min Scan# 5893

Delta R.T. -0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

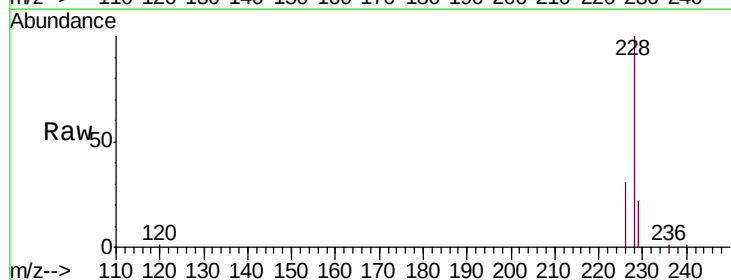
Tgt Ion:228 Resp: 35479

Ion Ratio Lower Upper

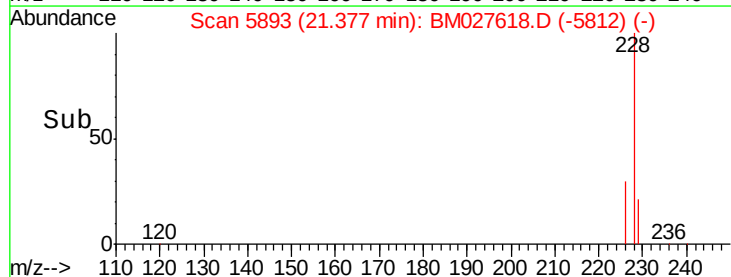
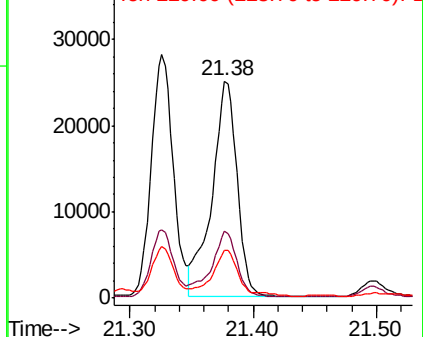
228 100

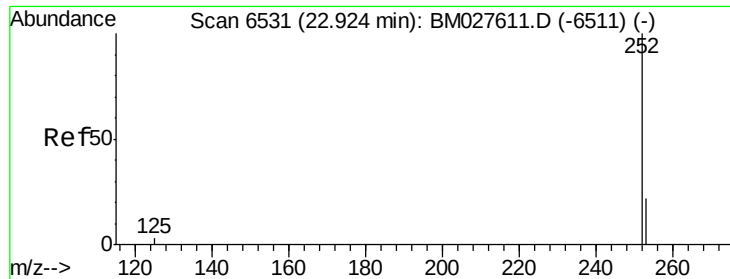
226 30.7 24.2 36.4

229 22.0 15.8 23.8



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: 1.600 ng/ul

RT: 22.92 min Scan# 6532

Delta R.T. -0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

Instrument :

BNA_M

ClientSampleId :

C0AL7

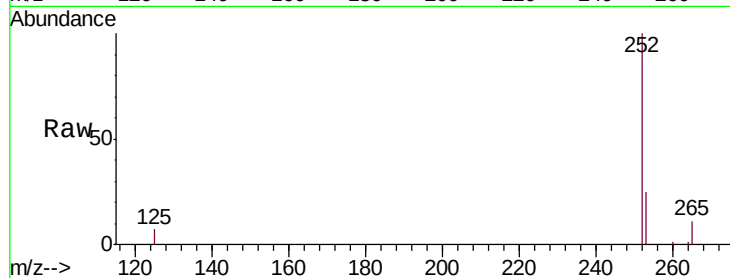
Tgt Ion:252 Resp: 66218

Ion Ratio Lower Upper

252 100

253 25.1 0.0 48.2

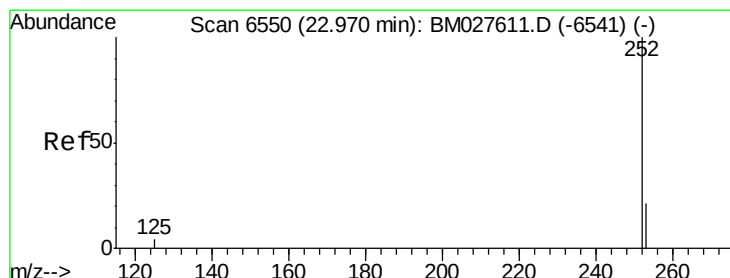
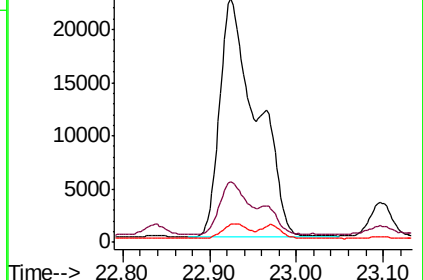
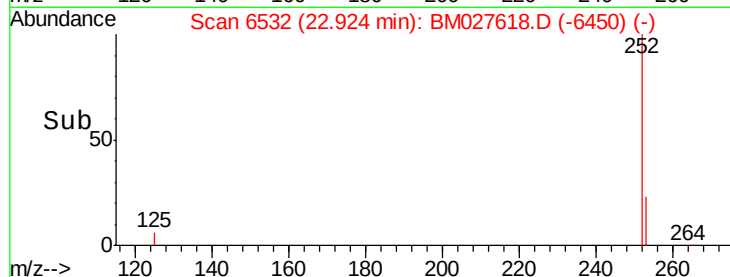
125 7.3 0.0 10.6



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: 1.539 ng/ul

RT: 22.92 min Scan# 6532

Delta R.T. -0.05 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

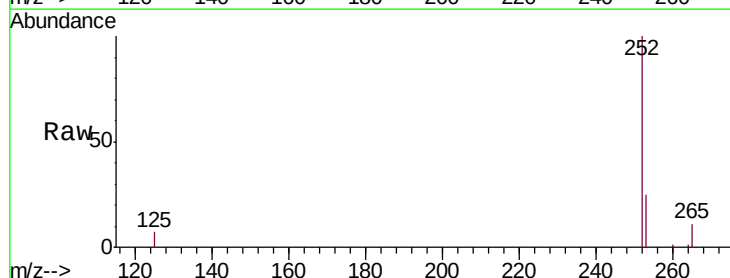
Tgt Ion:252 Resp: 66218

Ion Ratio Lower Upper

252 100

253 25.1 19.1 28.7

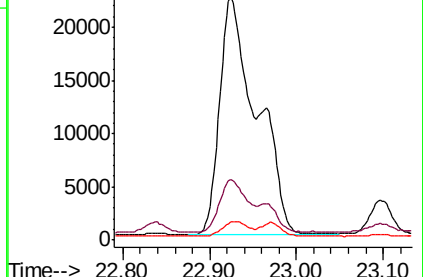
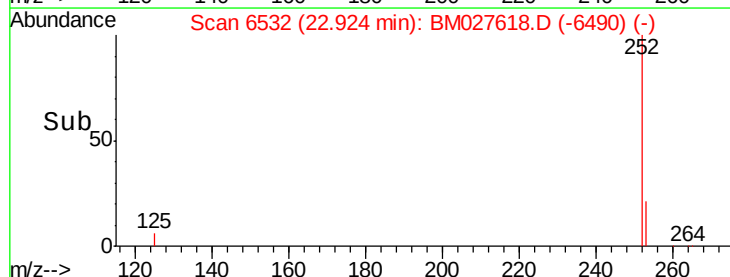
125 7.3 5.0 7.4

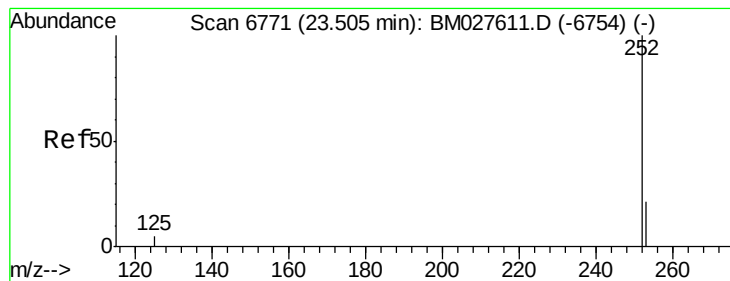


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.843 ng/ul

RT: 23.50 min Scan# 6771

Delta R.T. -0.00 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

Instrument :

BNA_M

ClientSampleId :

C0AL7

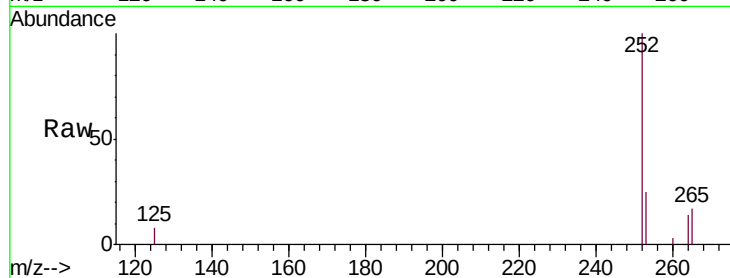
Tgt Ion:252 Resp: 31217

Ion Ratio Lower Upper

252 100

253 25.2 19.6 29.4

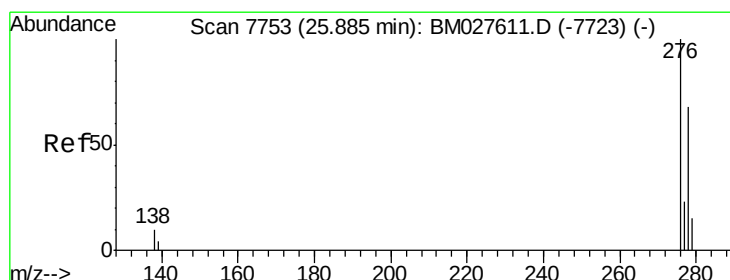
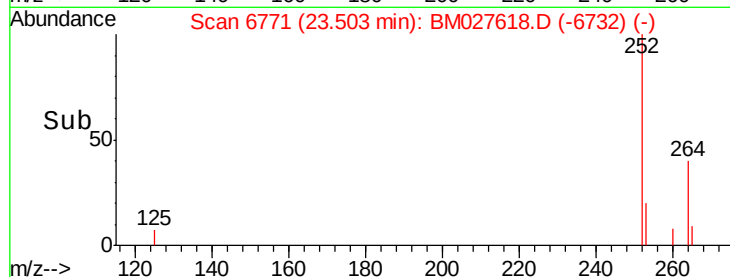
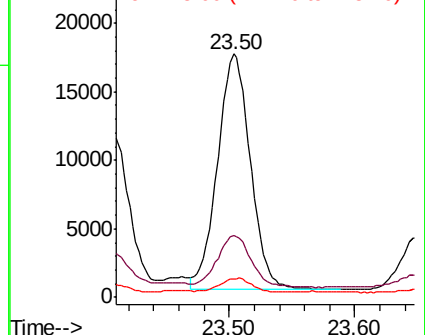
125 7.7 5.0 7.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.481 ng/ul

RT: 25.88 min Scan# 7750

Delta R.T. -0.01 min

Lab File: BM027618.D

Acq: 05 Oct 2020 22:49

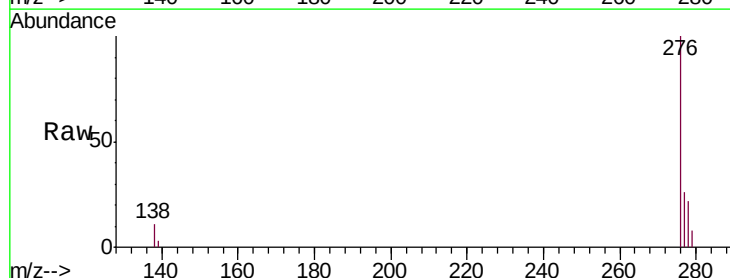
Tgt Ion:276 Resp: 22942

Ion Ratio Lower Upper

276 100

138 9.5 8.6 12.8

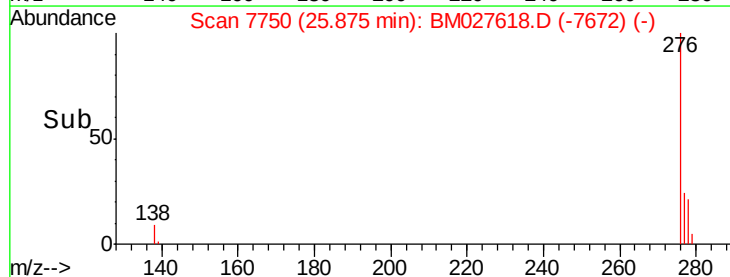
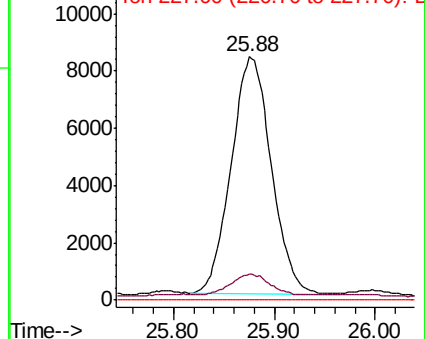
227 0.0 0.0 0.0

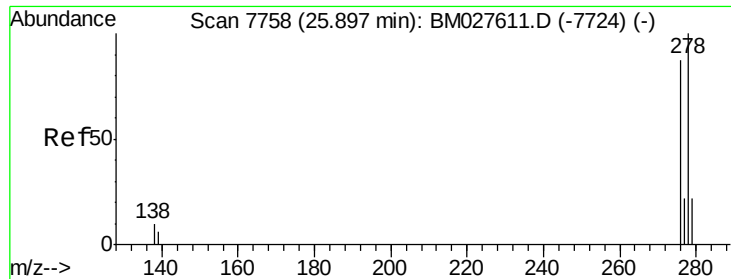


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



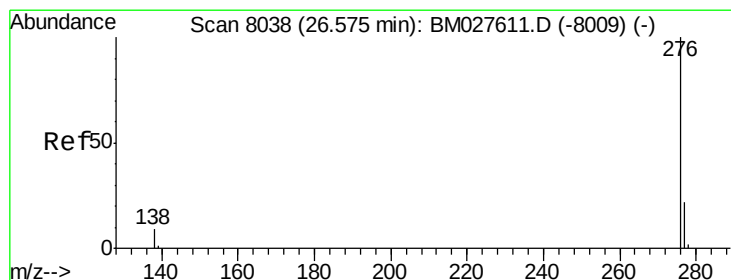
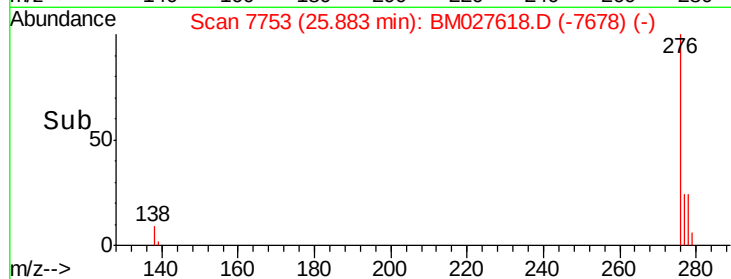
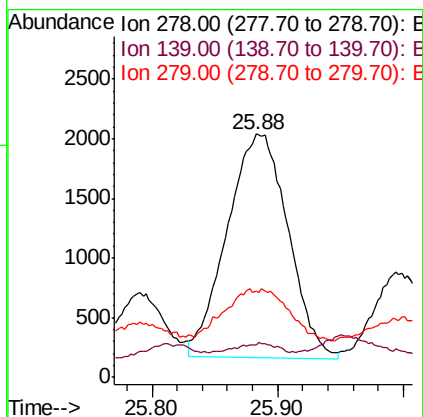
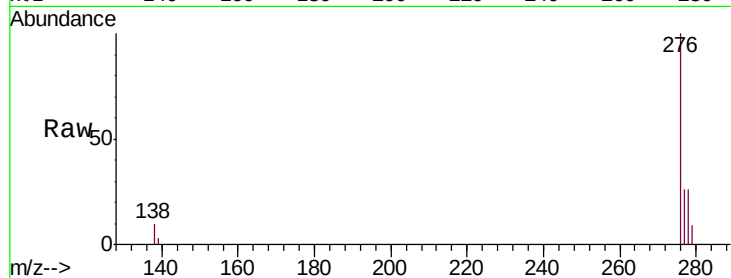


#25

Dibenzo(a,h)anthracene
 Concen: 0.161 ng/ul
 RT: 25.88 min Scan# 7753
 Delta R.T. -0.02 min
 Lab File: BM027618.D
 Acq: 05 Oct 2020 22:49

Instrument :
 BNA_M
 ClientSampled :
 C0AL7

Tgt Ion: 278 Resp: 6346
 Ion Ratio Lower Upper
 278 100
 139 13.2 7.6 11.4#
 279 35.5 20.7 31.1#



#26

Benzo(g,h,i)perylene
 Concen: 0.495 ng/ul
 RT: 26.58 min Scan# 8040
 Delta R.T. -0.00 min
 Lab File: BM027618.D
 Acq: 05 Oct 2020 22:49

Tgt Ion: 276 Resp: 19927
 Ion Ratio Lower Upper
 276 100
 138 10.7 9.0 13.4
 277 25.9 19.4 29.0

