

Data File : BM021856.D
Acq On : 05 Aug 2019 23:33
Operator : HP/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.433

Quant Time: Aug 06 01:32:51 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 : Tue Aug 06 01:29:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	846	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3652	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	2023	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	4415	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	4427	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5141	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2506	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	5929	0.40	ng/ul	0.00

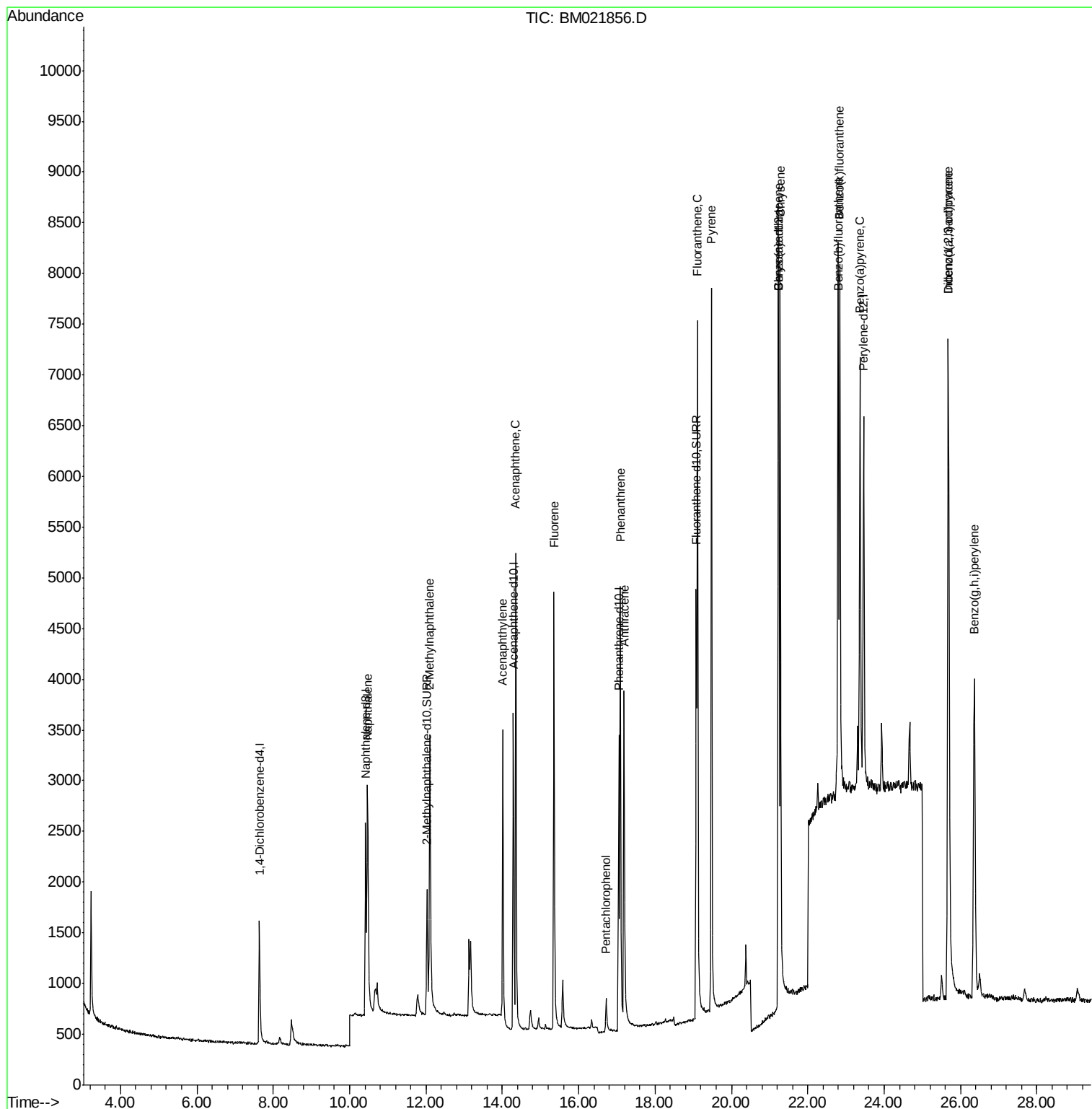
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	4119	0.399	ng/ul	96
5) 2-Methylnaphthalene	12.10	142	2884	0.420	ng/ul	98
7) Acenaphthylene	14.01	152	3887	0.412	ng/ul	97
8) Acenaphthene	14.35	153	3188	0.413	ng/ul	97
9) Fluorene	15.35	166	3422	0.399	ng/ul	98
11) Pentachlorophenol	16.72	266	362	0.444	ng/ul	94
12) Phenanthrene	17.09	178	5318	0.414	ng/ul	99
13) Anthracene	17.18	178	4815	0.439	ng/ul	97
15) Fluoranthene	19.11	202	6818	0.396	ng/ul	100
17) Pyrene	19.48	202	7317	0.402	ng/ul	97
18) Benzo(a)anthracene	21.23	228	6737	0.425	ng/ul	99
19) Chrysene	21.28	228	7826	0.384	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	7269	0.419	ng/ul	96
22) Benzo(k)fluoranthene	22.84	252	7605	0.388	ng/ul	98
23) Benzo(a)pyrene	23.36	252	7165	0.406	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.68	276	8799	0.418	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.69	278	7056	0.415	ng/ul	97
26) Benzo(g,h,i)perylene	26.36	276	7448	0.393	ng/ul	100

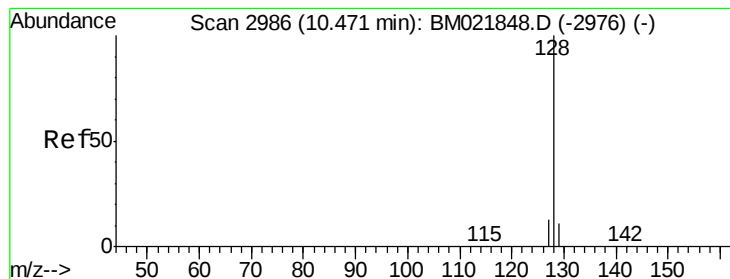
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM021856.D
Acq On : 05 Aug 2019 23:33
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.433

Quant Time: Aug 06 01:32:51 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 : Tue Aug 06 01:29:26 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.399 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.433

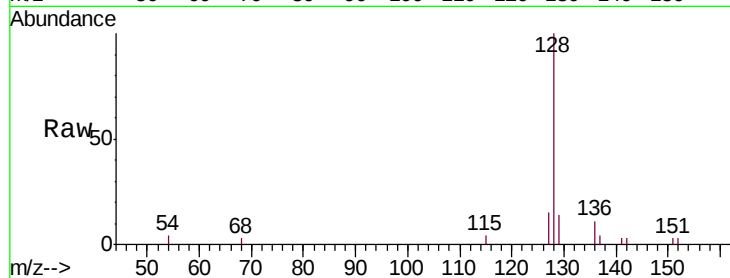
Tgt Ion:128 Resp: 4119

Ion Ratio Lower Upper

128 100

129 13.6 12.3 18.5

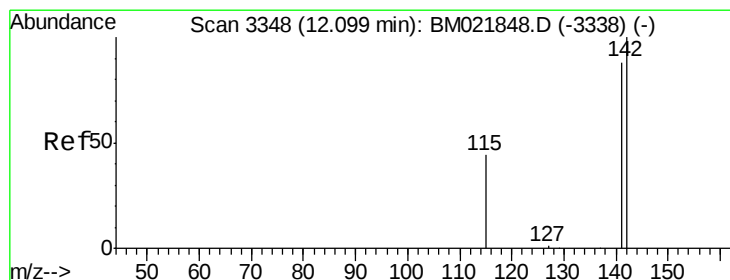
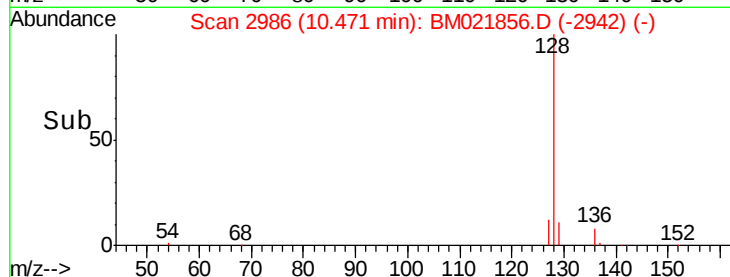
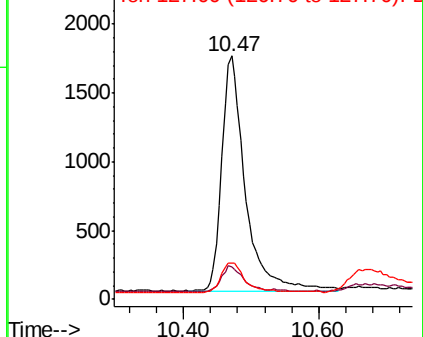
127 15.0 13.0 19.6



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: 0.420 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM021856.D

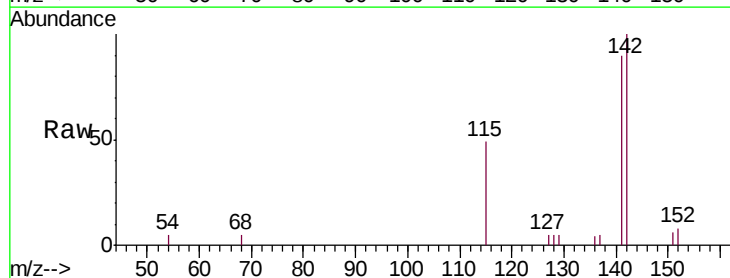
Acq: 05 Aug 2019 23:33

Tgt Ion:142 Resp: 2884

Ion Ratio Lower Upper

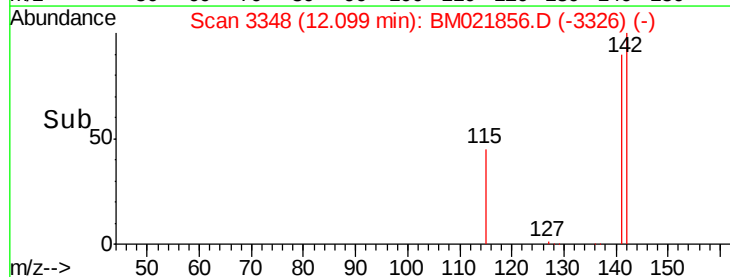
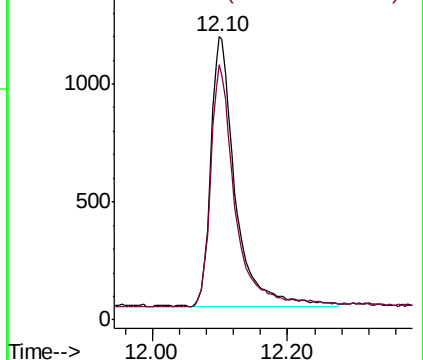
142 100

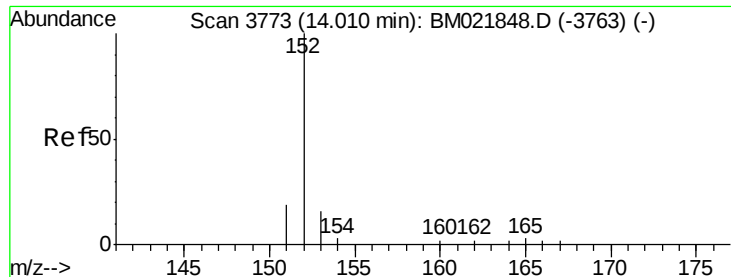
141 90.8 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.412 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

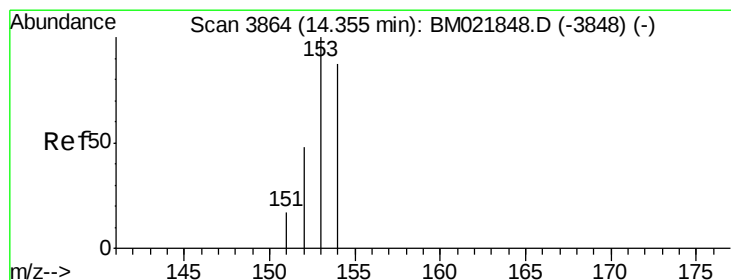
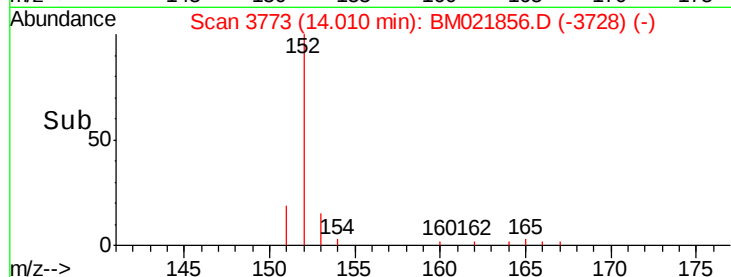
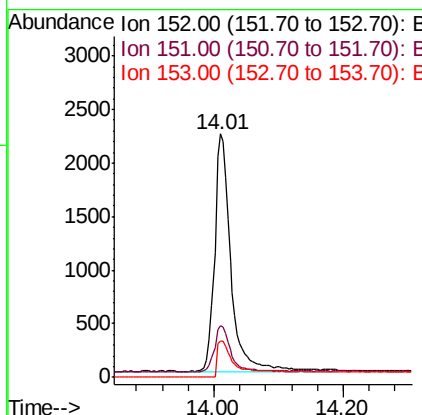
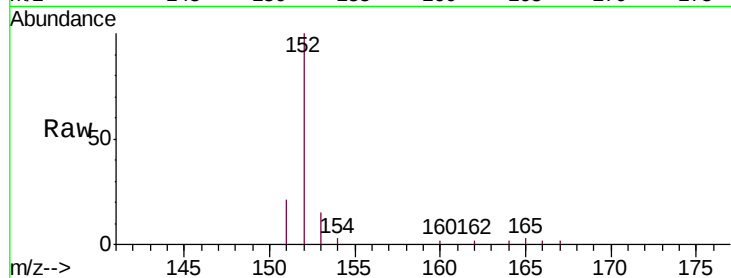
Instrument :

BNA_M

ClientSampleId :

SSTD0.433

Tgt Ion:	152	Resp:	3887
Ion	Ratio	Lower	Upper
152	100		
151	21.0	18.3	27.5
153	15.0	12.8	19.2



#8

Acenaphthene

Concen: 0.413 ng/ul

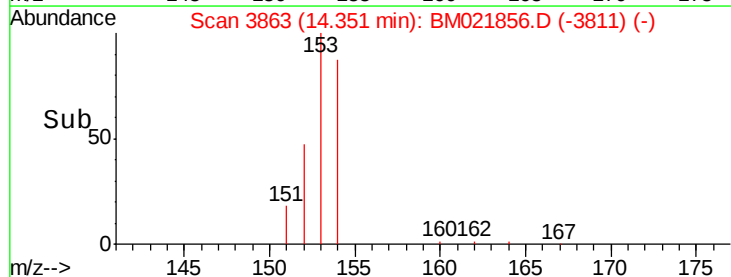
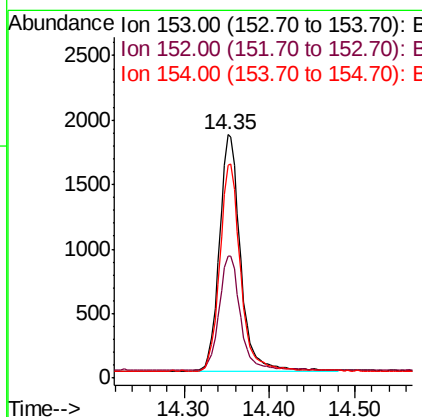
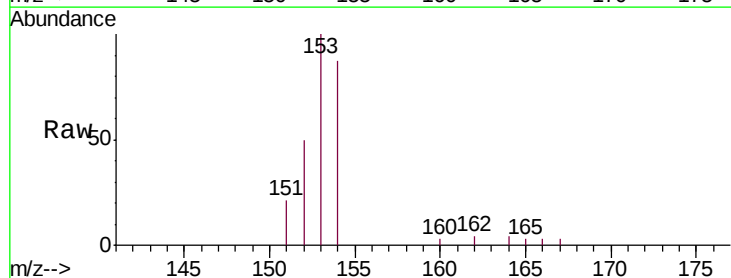
RT: 14.35 min Scan# 3863

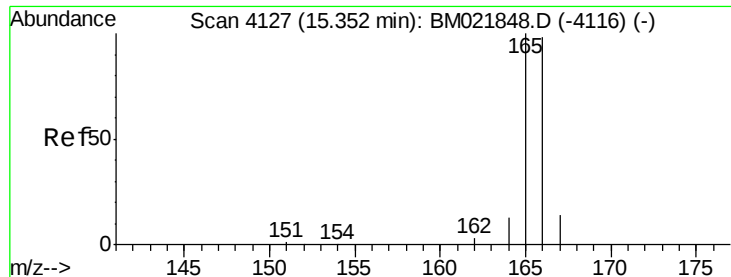
Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

Tgt Ion:	153	Resp:	3188
Ion	Ratio	Lower	Upper
153	100		
152	50.2	41.3	61.9
154	87.3	72.3	108.5





#9

Fluorene

Concen: 0.399 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.433

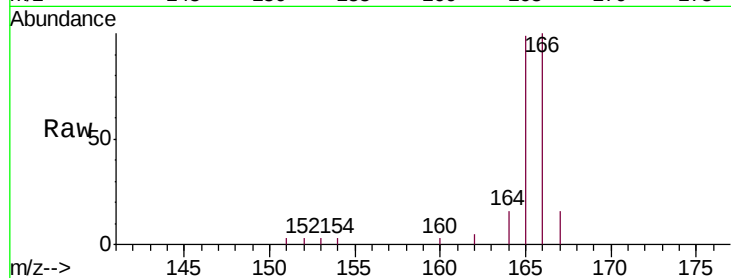
Tgt Ion:166 Resp: 3422

Ion Ratio Lower Upper

166 100

165 99.1 81.4 122.0

167 16.5 13.7 20.5

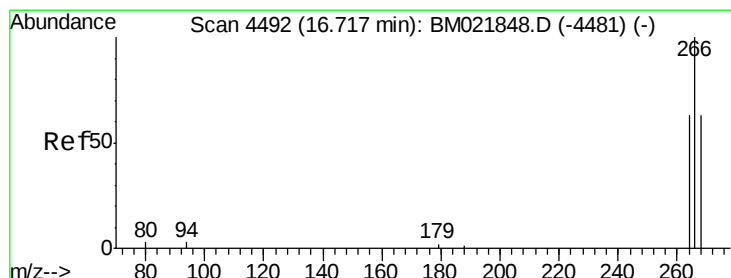
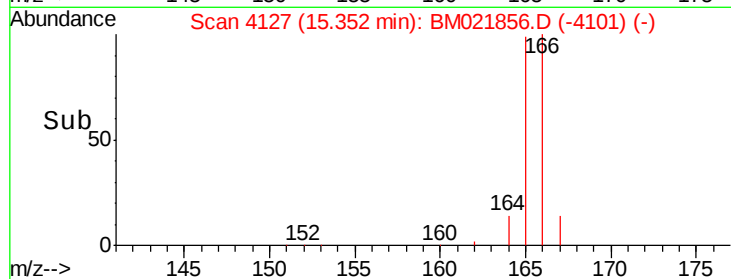
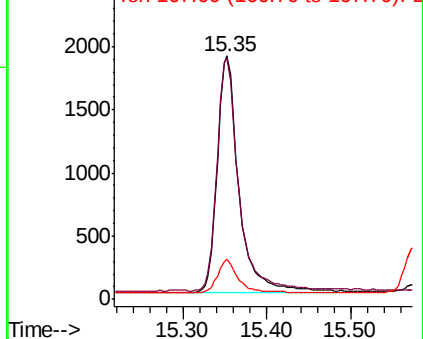


Abundance

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: 0.444 ng/ul

RT: 16.72 min Scan# 4492

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

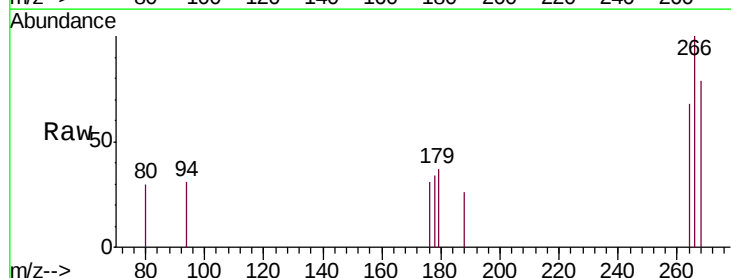
Tgt Ion:266 Resp: 362

Ion Ratio Lower Upper

266 100

264 65.7 54.2 81.2

268 63.5 57.6 86.4

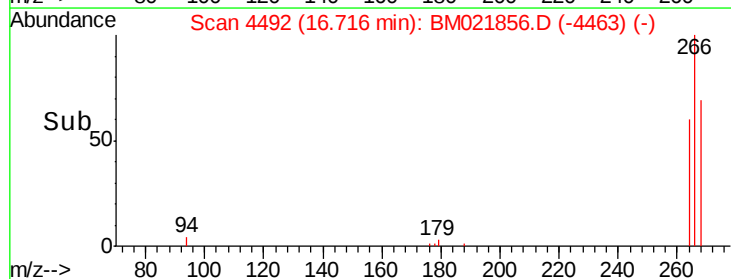
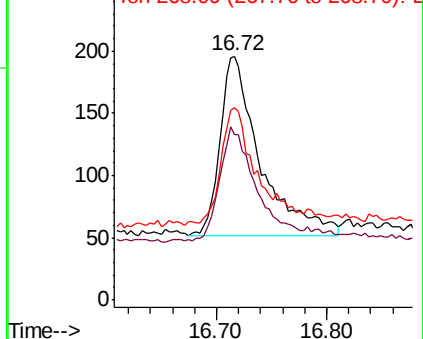


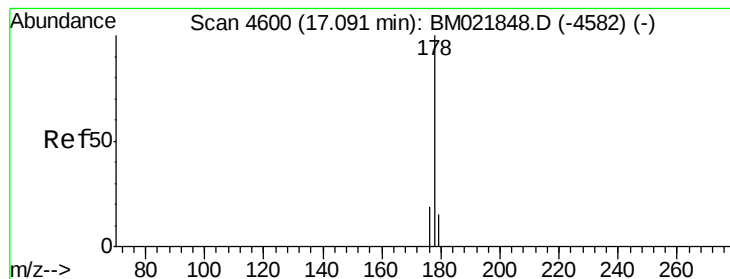
Abundance

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: 0.414 ng/ul

RT: 17.09 min Scan# 4600

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.433

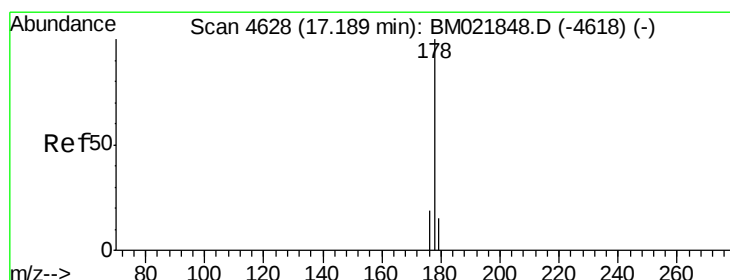
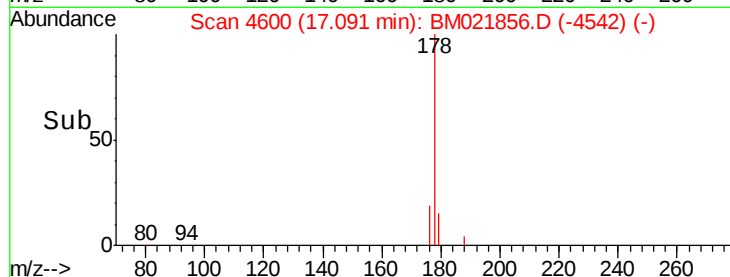
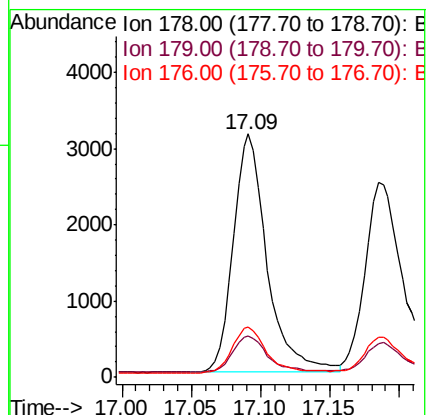
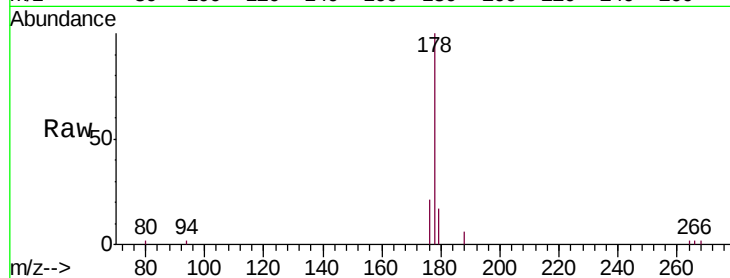
Tgt Ion:178 Resp: 5318

Ion Ratio Lower Upper

178 100

179 17.1 14.2 21.2

176 20.9 16.8 25.2



#13

Anthracene

Concen: 0.439 ng/ul

RT: 17.18 min Scan# 4627

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

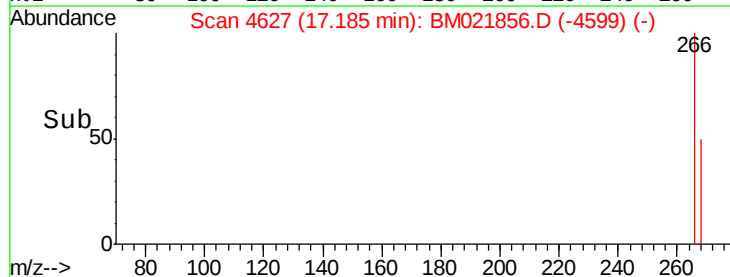
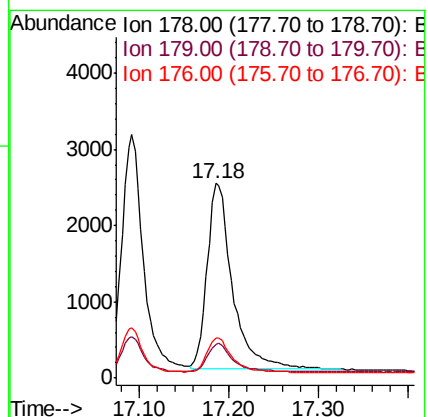
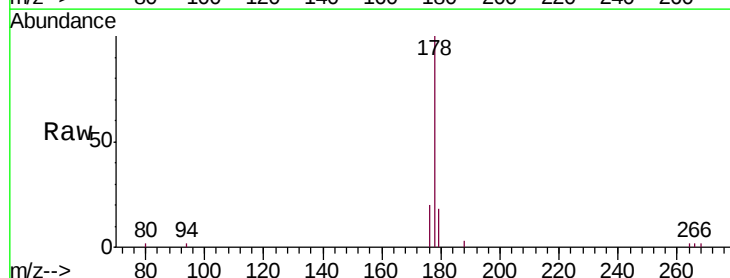
Tgt Ion:178 Resp: 4815

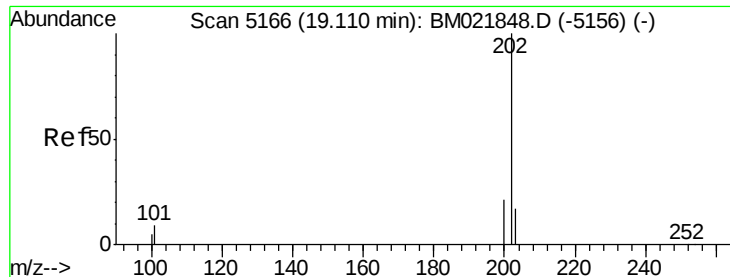
Ion Ratio Lower Upper

178 100

179 17.5 15.5 23.3

176 20.3 16.6 25.0

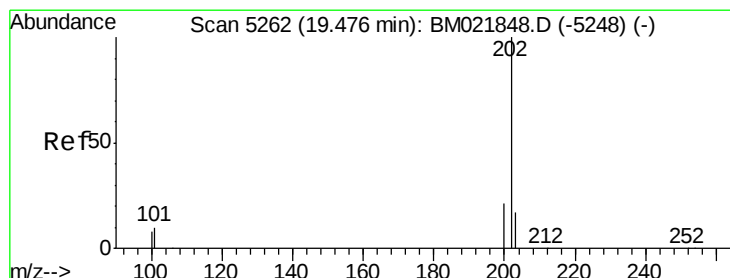
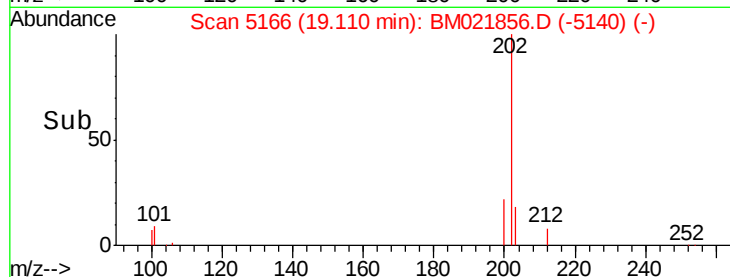
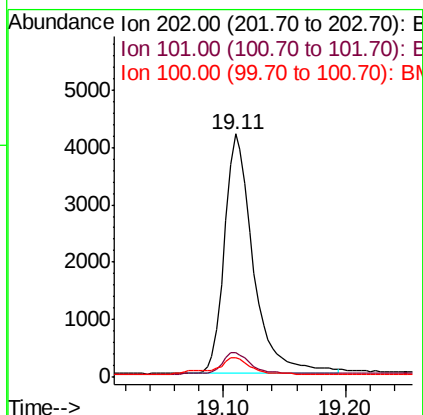
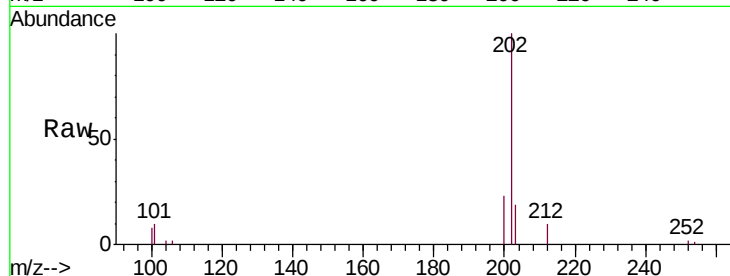




#15
Fluoranthene
 Concen: 0.396 ng/ul
 RT: 19.11 min Scan# 5166
 Delta R.T. -0.00 min
 Lab File: BM021856.D
 Acq: 05 Aug 2019 23:33

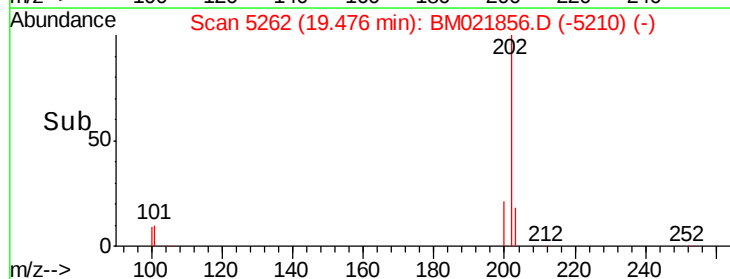
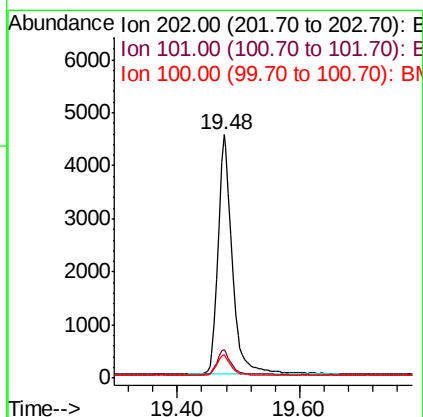
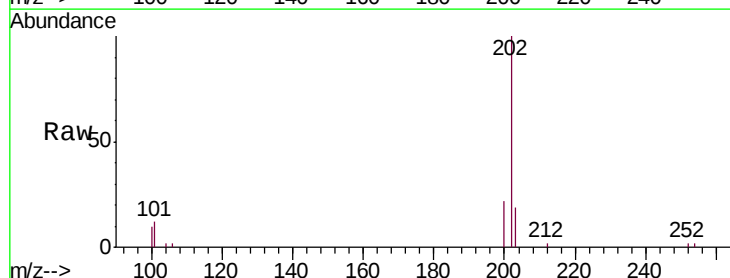
Instrument :
 BNA_M
 ClientSampleId :
 SST0.433

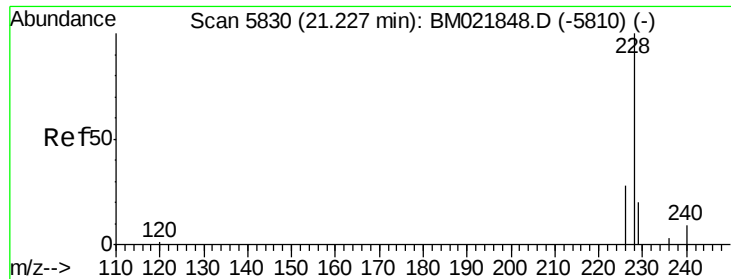
Tgt Ion:202 Resp: 6818
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 30.2
 100 8.2 0.0 28.1



#17
Pyrene
 Concen: 0.402 ng/ul
 RT: 19.48 min Scan# 5262
 Delta R.T. -0.00 min
 Lab File: BM021856.D
 Acq: 05 Aug 2019 23:33

Tgt Ion:202 Resp: 7317
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.3 12.5
 100 9.7 7.2 10.8





#18

Benzo(a)anthracene

Concen: 0.425 ng/ul

RT: 21.23 min Scan# 5831

Delta R.T. 0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.433

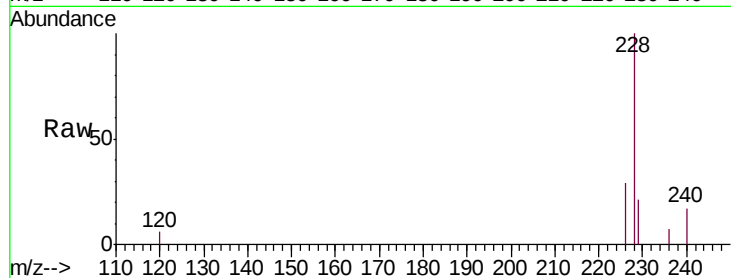
Tgt Ion:228 Resp: 6737

Ion Ratio Lower Upper

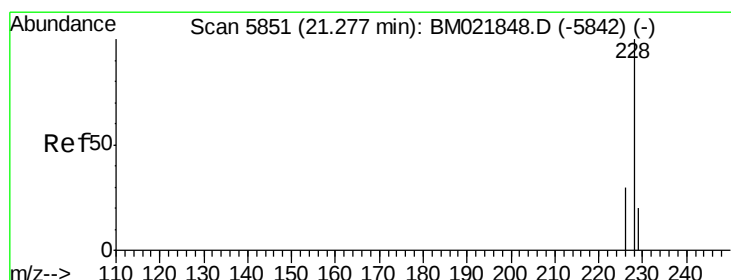
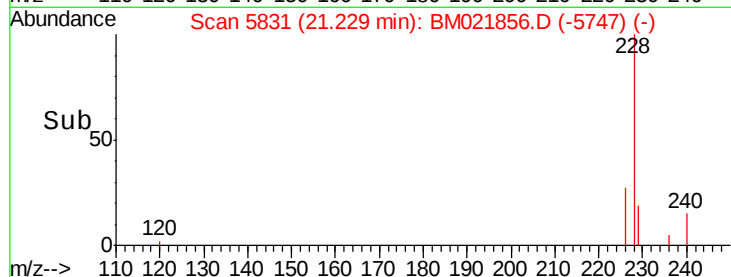
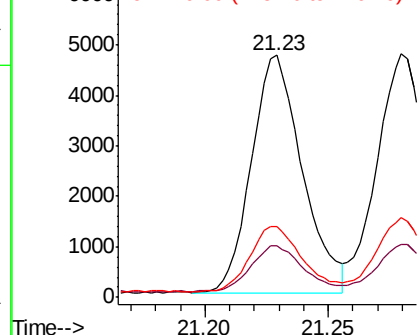
228 100

229 21.3 17.2 25.8

226 29.0 22.6 34.0



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: 0.384 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. 0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

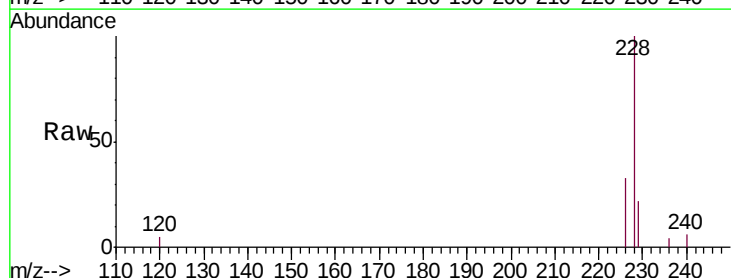
Tgt Ion:228 Resp: 7826

Ion Ratio Lower Upper

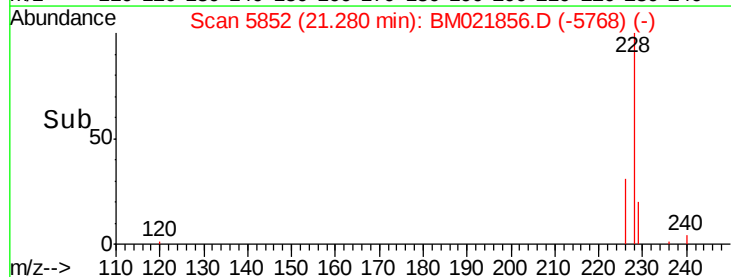
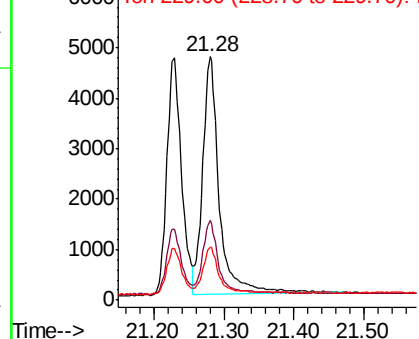
228 100

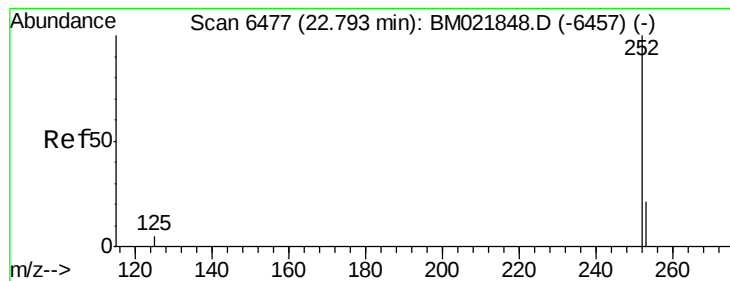
226 32.5 24.9 37.3

229 21.8 16.6 25.0



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: 0.419 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.433

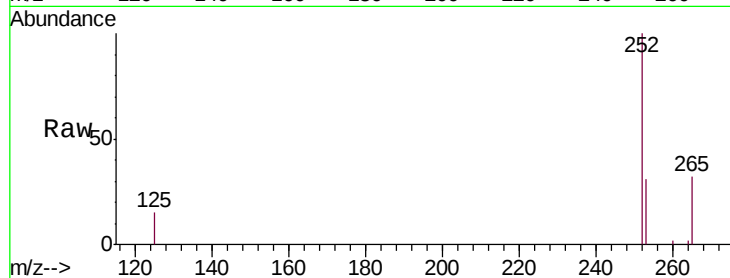
Tgt Ion:252 Resp: 7269

Ion Ratio Lower Upper

252 100

253 31.0 0.0 67.4

125 15.0 0.0 31.0

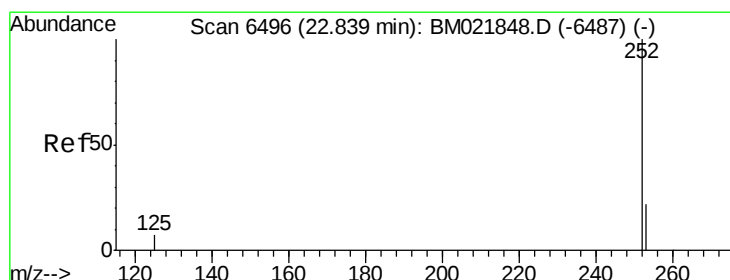
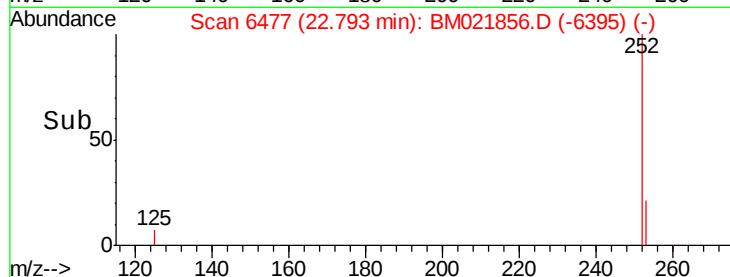
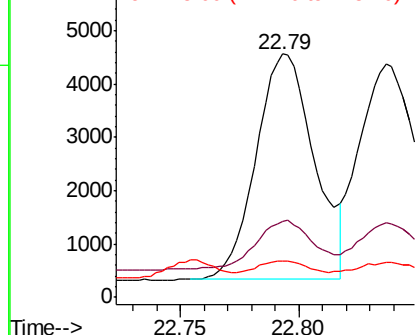


Abundance

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: 0.388 ng/ul

RT: 22.84 min Scan# 6495

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

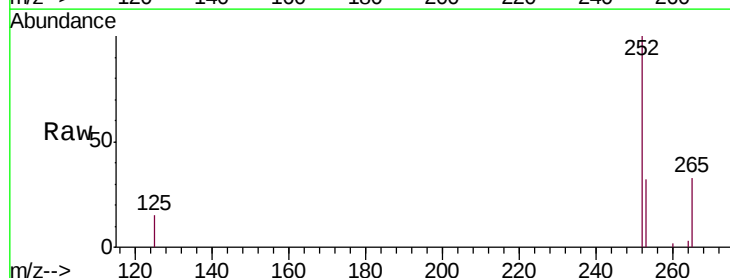
Tgt Ion:252 Resp: 7605

Ion Ratio Lower Upper

252 100

253 32.1 27.0 40.4

125 15.0 12.2 18.2

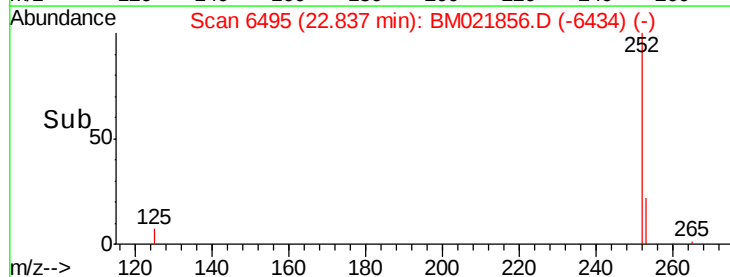
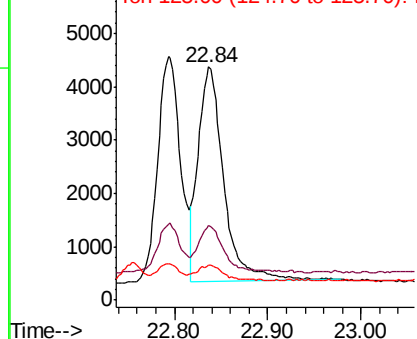


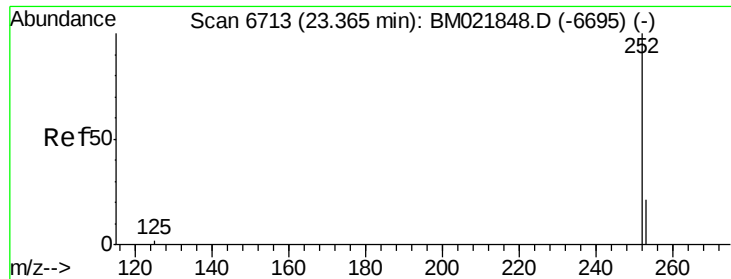
Abundance

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: 0.406 ng/u1

RT: 23.36 min Scan# 6713

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.433

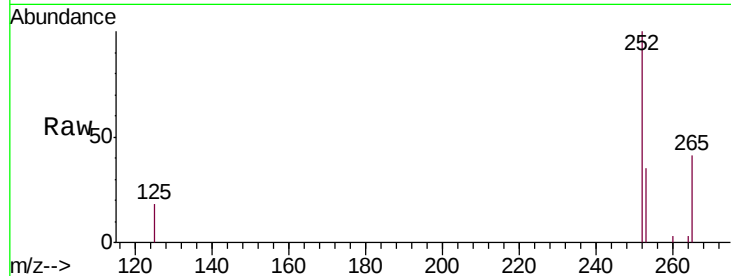
Tgt Ion:252 Resp: 7165

Ion Ratio Lower Upper

252 100

253 34.5 31.7 47.5

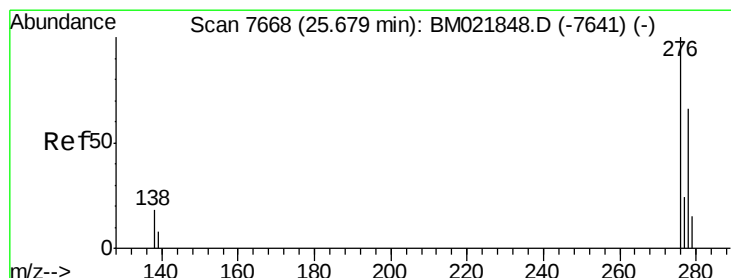
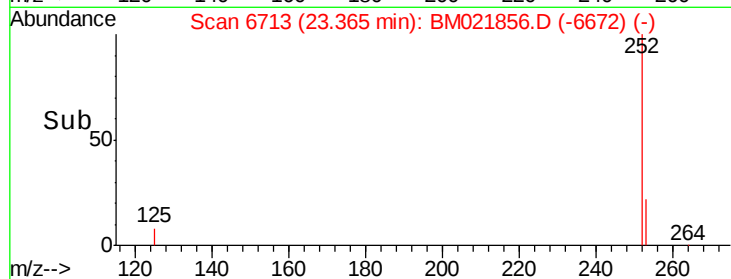
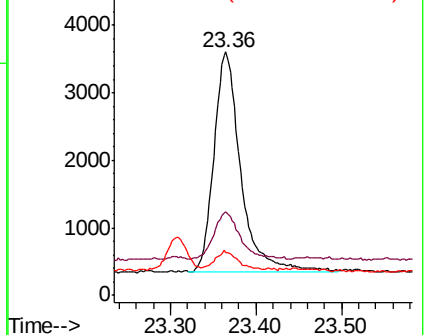
125 17.7 14.6 21.8



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: 0.418 ng/u1

RT: 25.68 min Scan# 7667

Delta R.T. -0.00 min

Lab File: BM021856.D

Acq: 05 Aug 2019 23:33

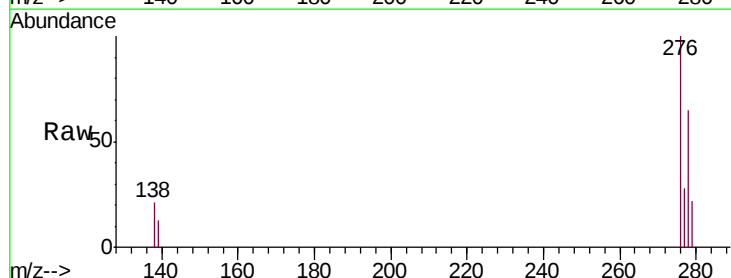
Tgt Ion:276 Resp: 8799

Ion Ratio Lower Upper

276 100

138 18.5 15.1 22.7

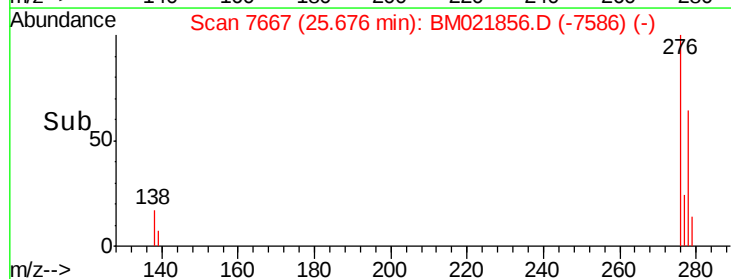
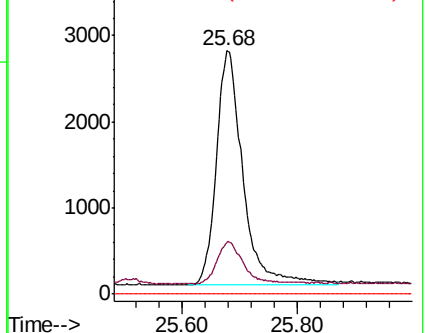
227 0.0 0.0 0.0

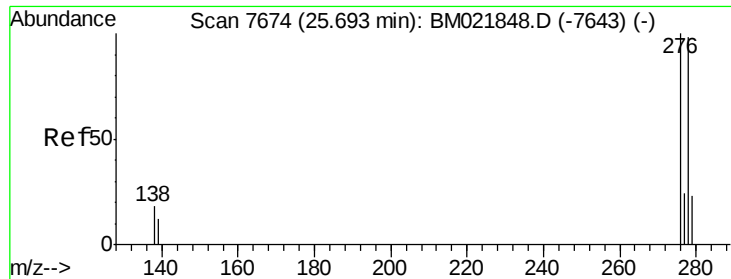


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



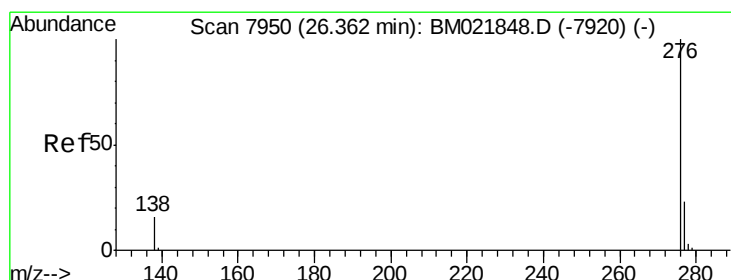
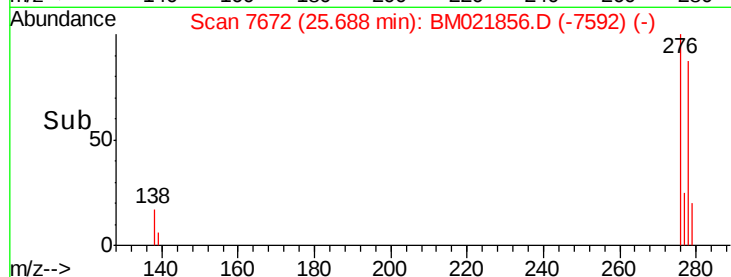
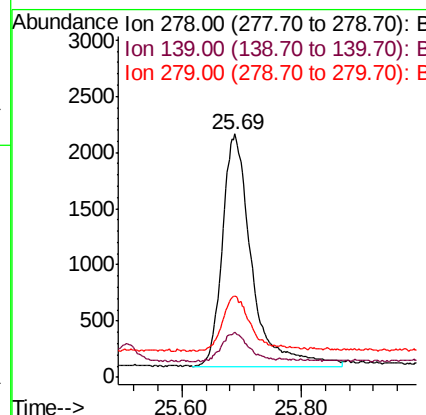
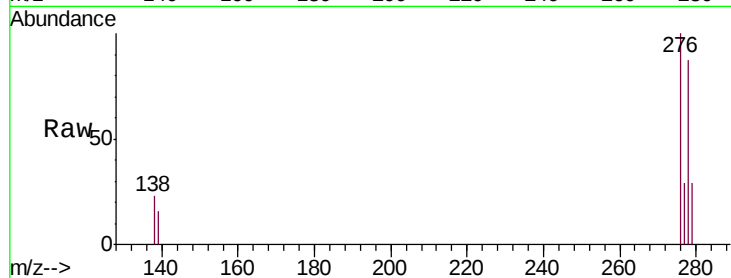


#25
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 25.69 min Scan# 7672
Delta R.T. -0.00 min
Lab File: BM021856.D
Acq: 05 Aug 2019 23:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.433

Tgt Ion: 278 Resp: 7056

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.2	21.2
279	33.1	28.3	42.5



#26
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 26.36 min Scan# 7949
Delta R.T. -0.00 min
Lab File: BM021856.D
Acq: 05 Aug 2019 23:33

Tgt Ion: 276 Resp: 7448

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.5	23.3
277	27.1	21.4	32.2

