

Data File : BM025150.D
Acq On : 29 Feb 2020 01:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.495

Quant Time: Feb 29 04:47:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 29 04:43:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3566	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	14090	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	8692	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20354	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	20633	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	22643	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	10189	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	27882	0.40	ng/ul	0.00

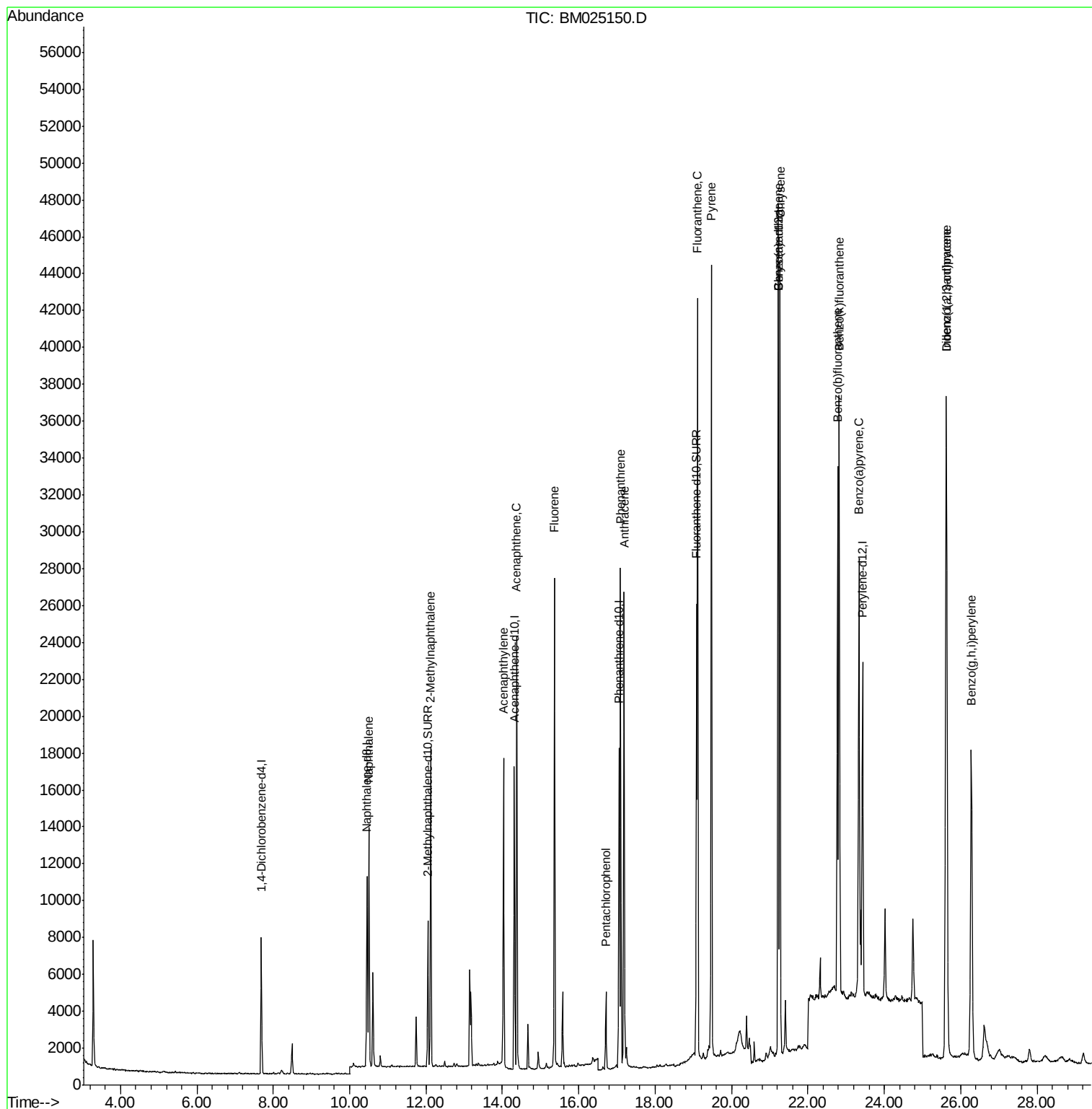
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.50	128	17195	0.401	ng/ul#	83
5) 2-Methylnaphthalene	12.12	142	11875	0.384	ng/ul	98
7) Acenaphthylene	14.03	152	20941	0.418	ng/ul	94
8) Acenaphthene	14.37	153	13242	0.393	ng/ul	98
9) Fluorene	15.36	166	16831	0.398	ng/ul	96
11) Pentachlorophenol	16.71	266	2762	0.444	ng/ul	95
12) Phenanthrene	17.09	178	27193	0.380	ng/ul	96
13) Anthracene	17.18	178	27601	0.398	ng/ul	96
15) Fluoranthene	19.11	202	34946	0.336	ng/ul	98
17) Pyrene	19.47	202	36209	0.389	ng/ul	98
18) Benzo(a)anthracene	21.22	228	35754	0.401	ng/ul	99
19) Chrysene	21.27	228	34527	0.389	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	36712	0.414	ng/ul	95
22) Benzo(k)fluoranthene	22.82	252	36636	0.417	ng/ul#	93
23) Benzo(a)pyrene	23.34	252	33323	0.411	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.62	276	42553	0.419	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.63	278	35214	0.413	ng/ul	99
26) Benzo(g,h,i)perylene	26.28	276	35090	0.410	ng/ul#	95

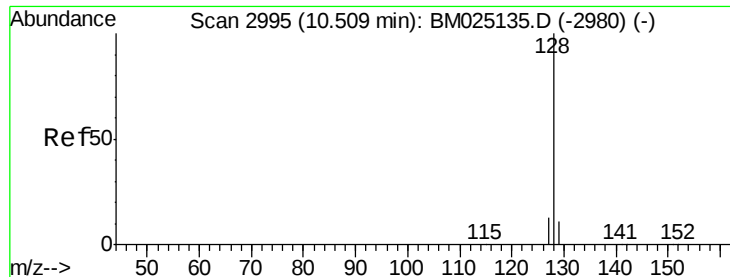
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM025150.D
Acq On : 29 Feb 2020 01:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.495

Quant Time: Feb 29 04:47:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 29 04:43:59 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.50 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

Instrument :

BNA_M

ClientSampleId :

SSTD0.495

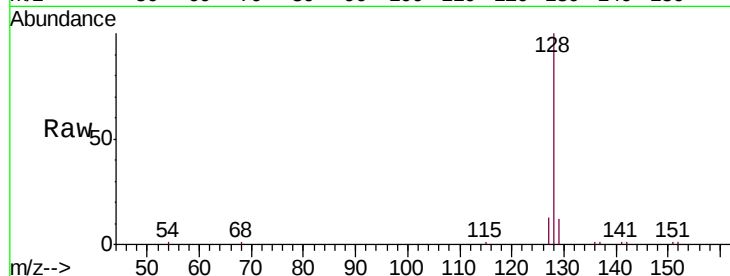
Tgt Ion:128 Resp: 17195

Ion Ratio Lower Upper

128 100

129 11.6 17.0 25.6#

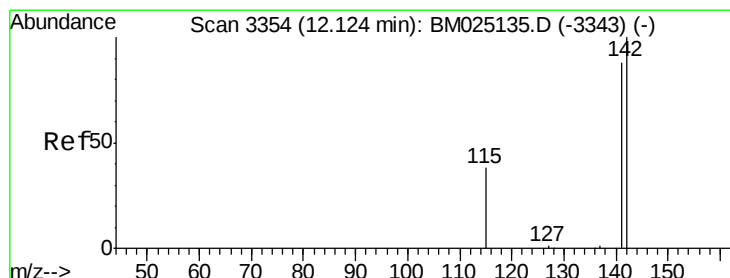
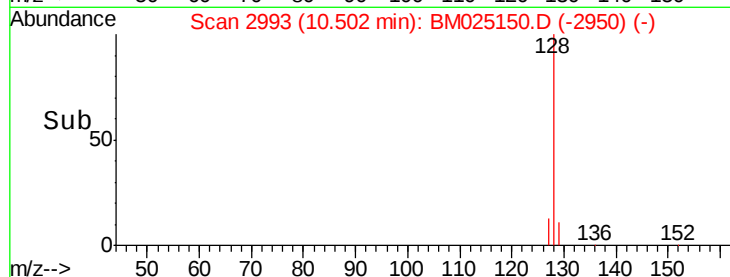
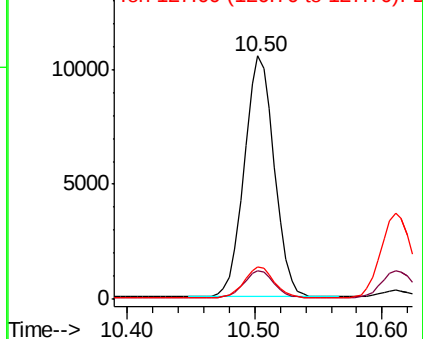
127 13.4 15.7 23.5#



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: 0.384 ng/ul

RT: 12.12 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM025150.D

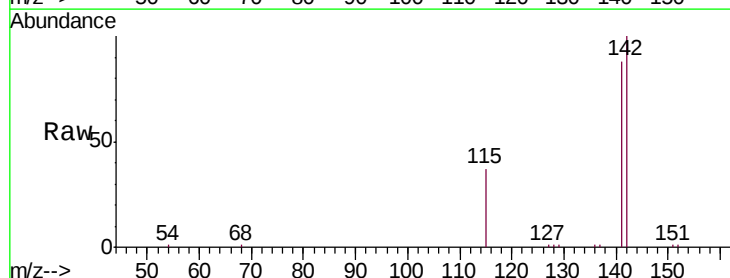
Acq: 29 Feb 2020 01:21

Tgt Ion:142 Resp: 11875

Ion Ratio Lower Upper

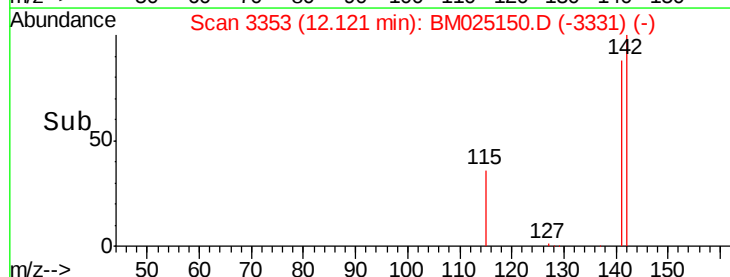
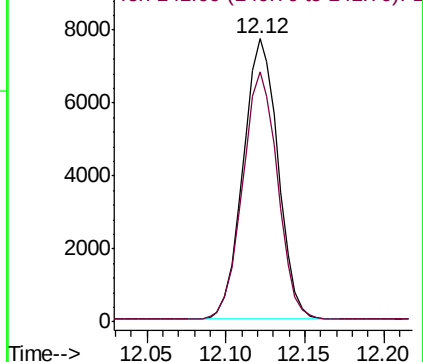
142 100

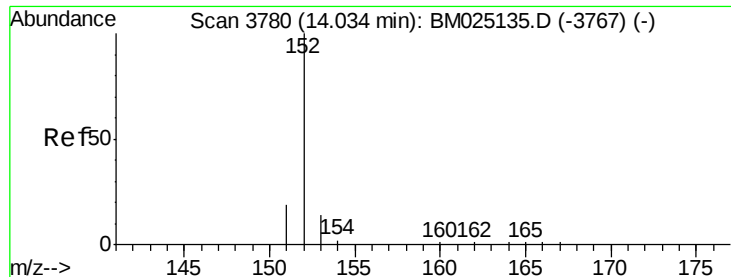
141 88.7 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.418 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

Instrument :

BNA_M

ClientSampleId :

SSTD0.495

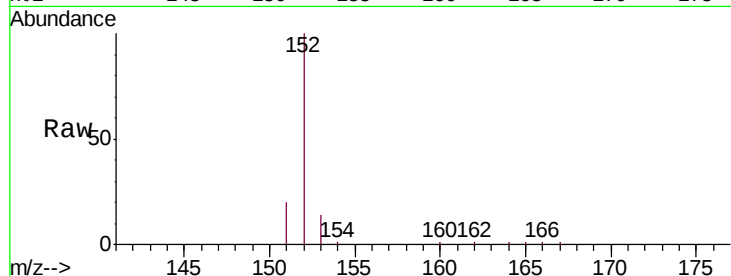
Tgt Ion:152 Resp: 20941

Ion Ratio Lower Upper

152 100

151 19.8 17.8 26.8

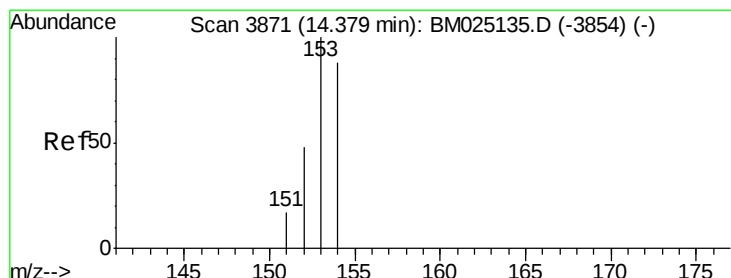
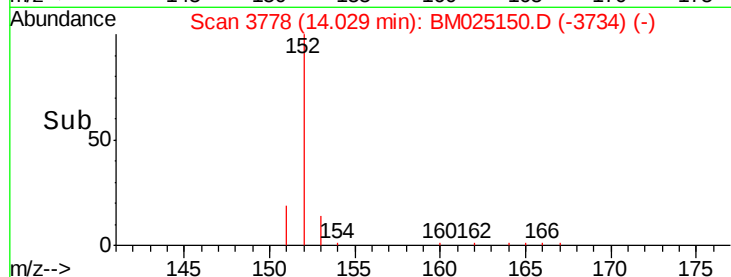
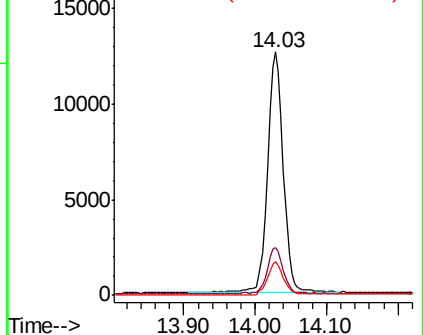
153 14.0 13.3 19.9



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: 0.393 ng/ul

RT: 14.37 min Scan# 3869

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

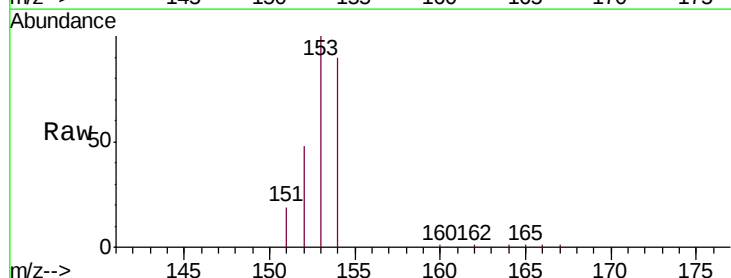
Tgt Ion:153 Resp: 13242

Ion Ratio Lower Upper

153 100

152 48.1 40.0 60.0

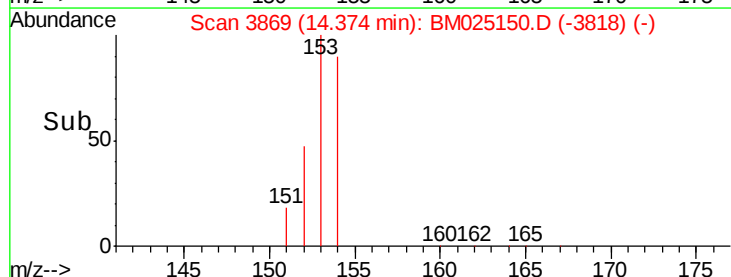
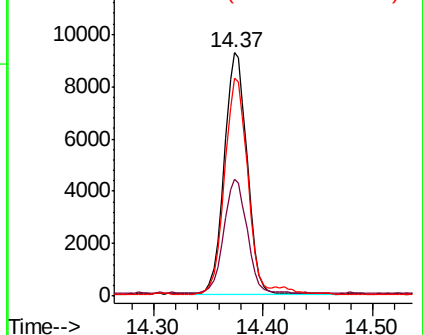
154 89.6 71.0 106.6

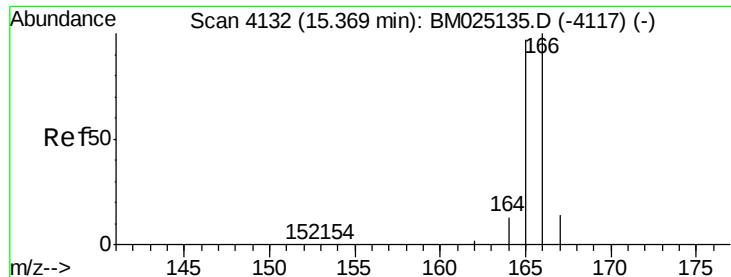


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.398 ng/ul

RT: 15.36 min Scan# 4130

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

Instrument :

BNA_M

ClientSampleId :

SSTD0.495

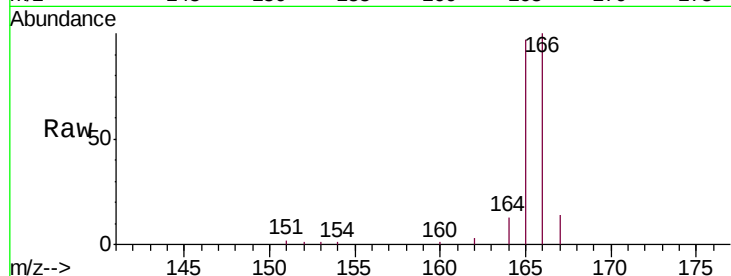
Tgt Ion:166 Resp: 16831

Ion Ratio Lower Upper

166 100

165 96.8 80.0 120.0

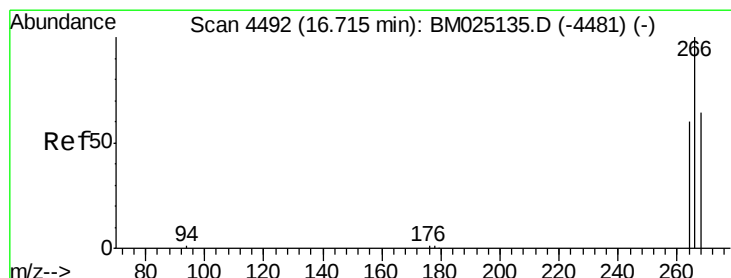
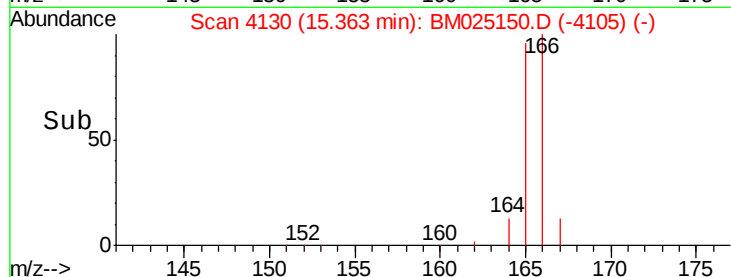
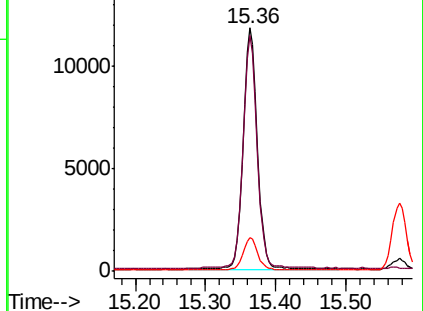
167 13.8 13.7 20.5



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: 16.71 min Scan# 4490

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

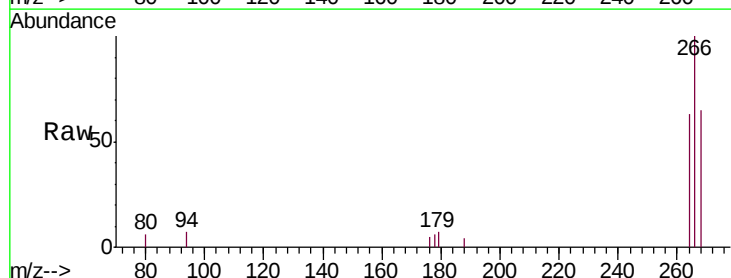
Tgt Ion:266 Resp: 2762

Ion Ratio Lower Upper

266 100

264 64.3 49.8 74.6

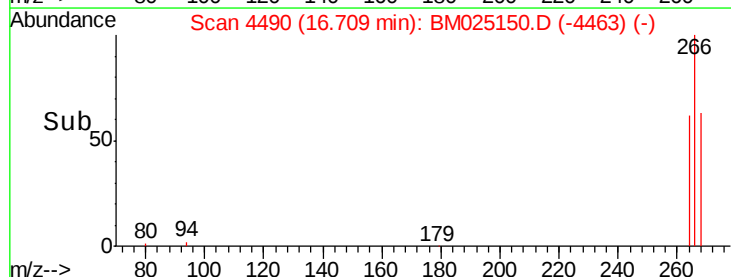
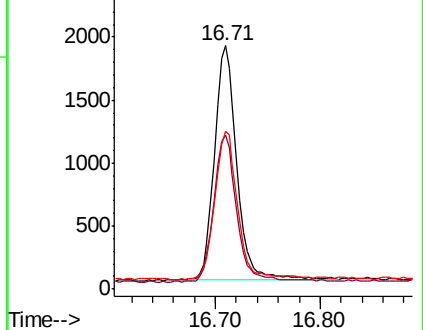
268 66.1 49.0 73.4

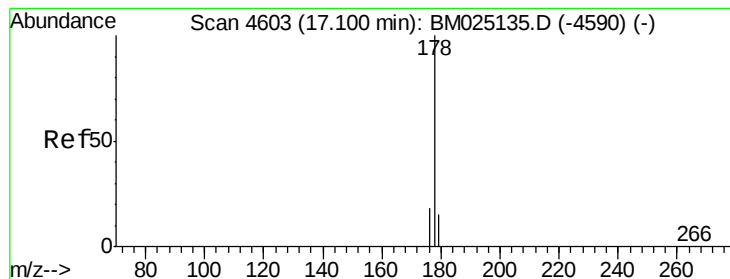


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.380 ng/ul

RT: 17.09 min Scan# 4601

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

Instrument :

BNA_M

ClientSampleId :

SSTD0.495

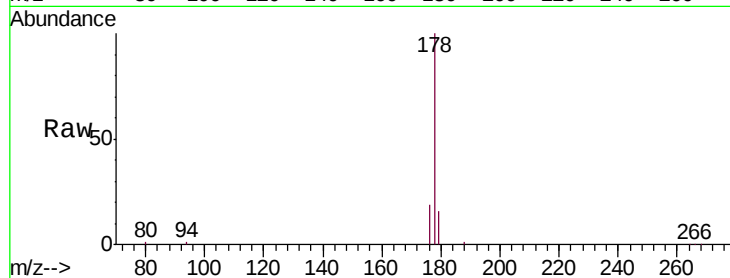
Tgt Ion:178 Resp: 27193

Ion Ratio Lower Upper

178 100

179 16.0 14.0 21.0

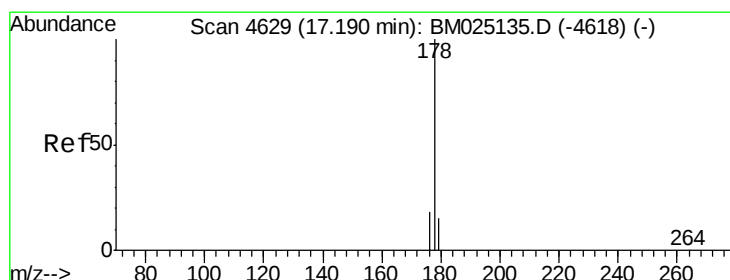
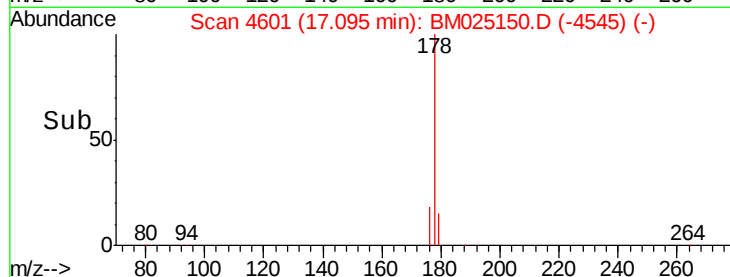
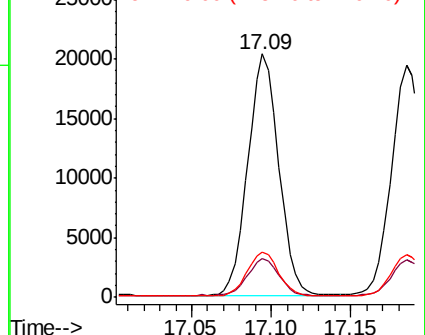
176 18.6 16.6 24.8



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



#13

Anthracene

Concen: 0.398 ng/ul

RT: 17.18 min Scan# 4627

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

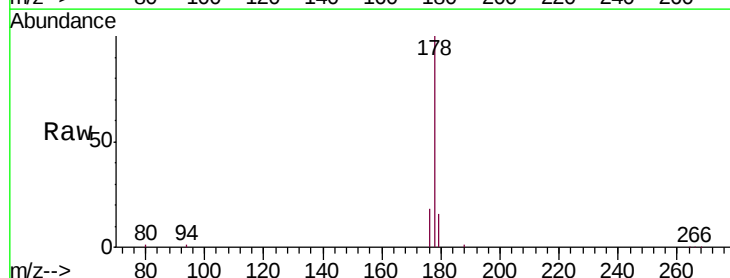
Tgt Ion:178 Resp: 27601

Ion Ratio Lower Upper

178 100

179 16.3 14.1 21.1

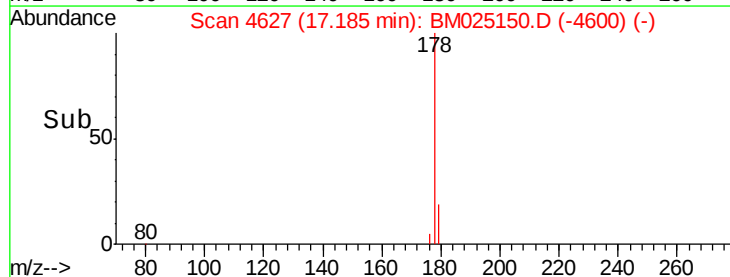
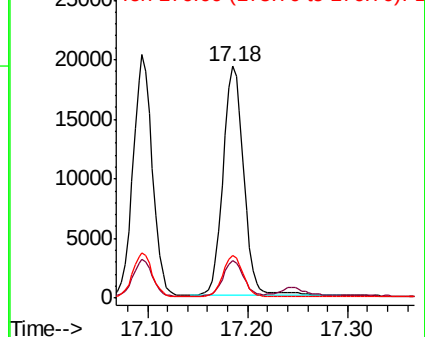
176 18.1 16.2 24.4

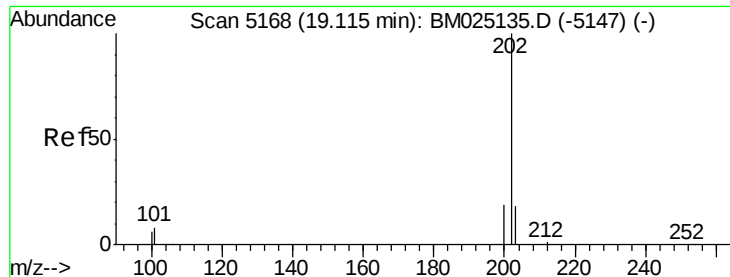


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

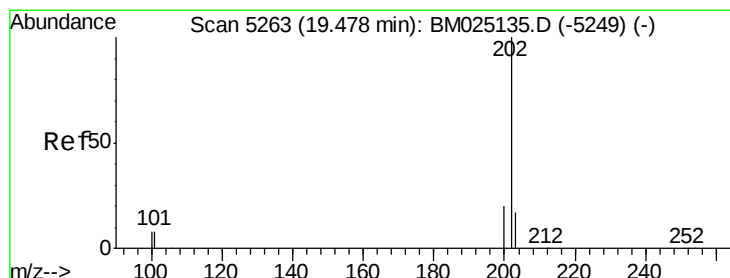
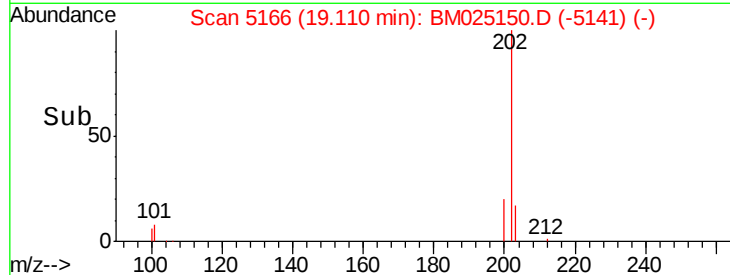
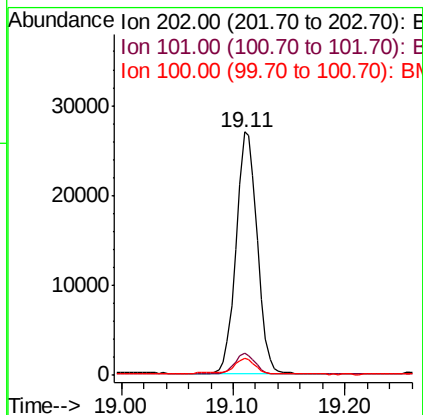
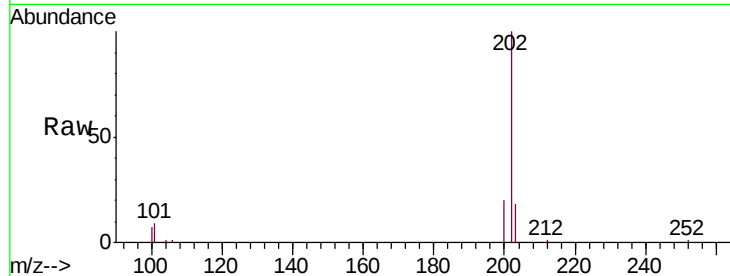




#15
Fluoranthene
 Concen: 0.336 ng/u1
 RT: 19.11 min Scan# 5166
 Delta R.T. -0.01 min
 Lab File: BM025150.D
 Acq: 29 Feb 2020 01:21

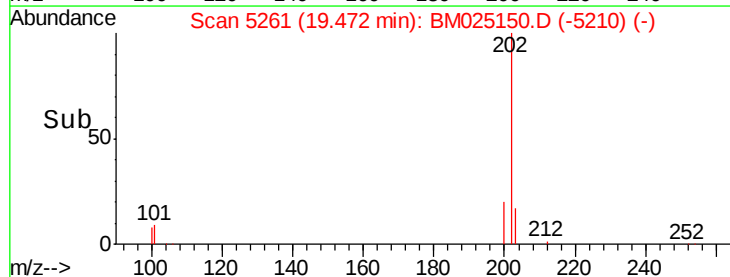
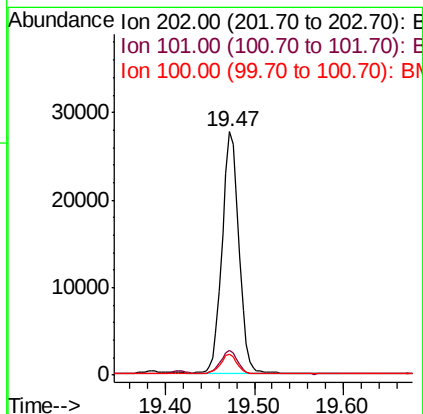
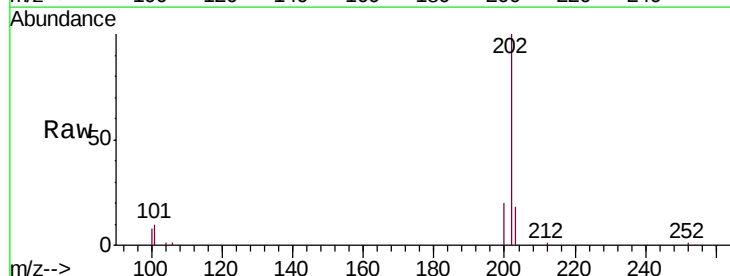
Instrument :
 BNA_M
 ClientSampleId :
 SST0.495

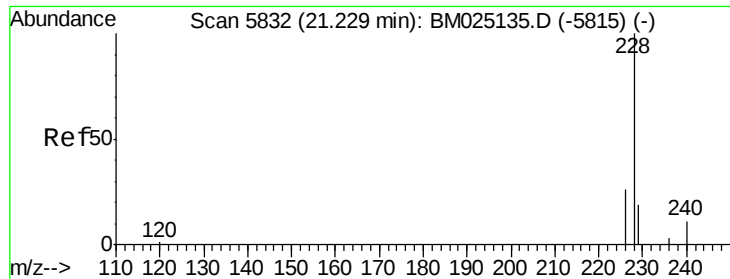
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.4
100	6.9	0.0	28.0



#17
Pyrene
 Concen: 0.389 ng/u1
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.01 min
 Lab File: BM025150.D
 Acq: 29 Feb 2020 01:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.7	13.1
100	8.4	7.3	10.9





#18

Benzo(a)anthracene

Concen: 0.401 ng/ul

RT: 21.22 min Scan# 5828

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

Instrument :

BNA_M

ClientSampleId :

SSTD0.495

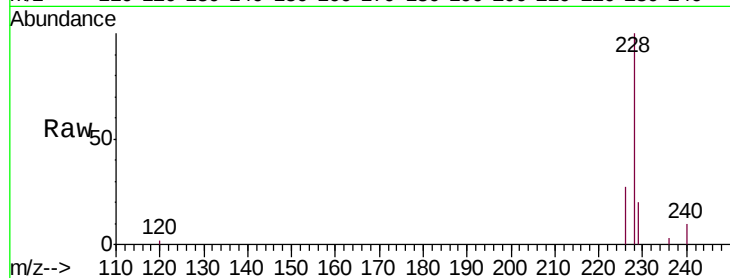
Tgt Ion:228 Resp: 35754

Ion Ratio Lower Upper

228 100

229 20.1 16.6 25.0

226 27.3 21.9 32.9

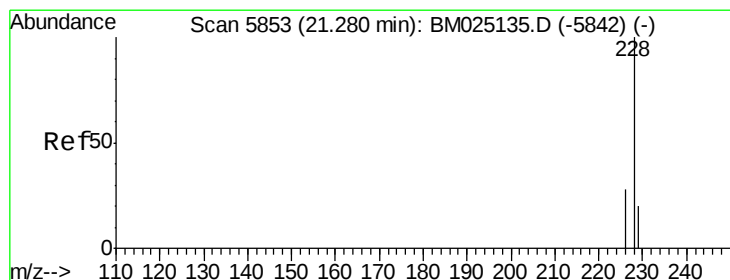
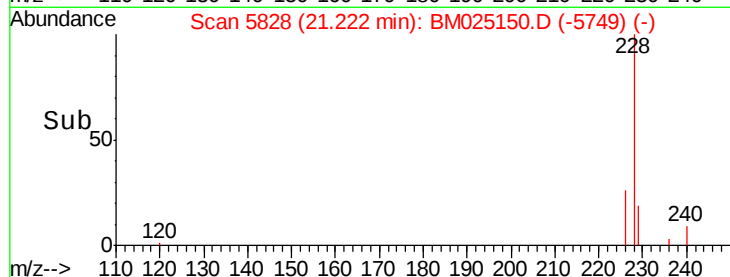
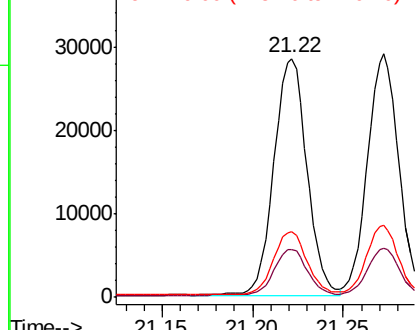


Abundance

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: 0.389 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

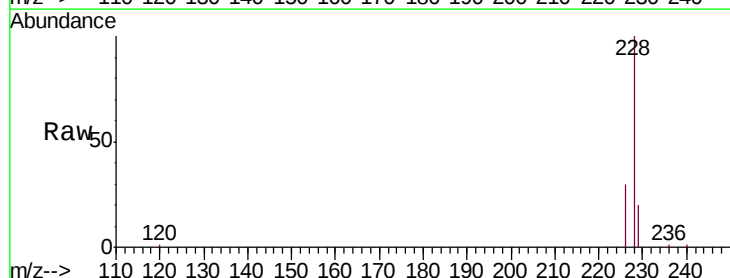
Tgt Ion:228 Resp: 34527

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 20.4 16.9 25.3

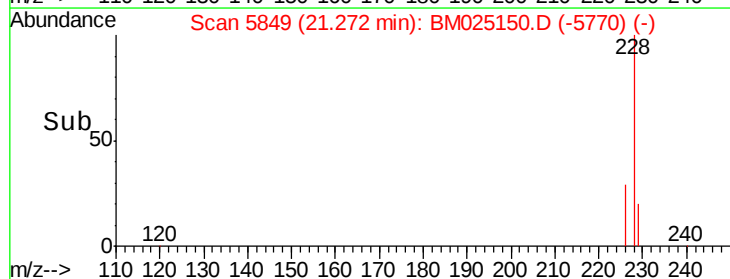
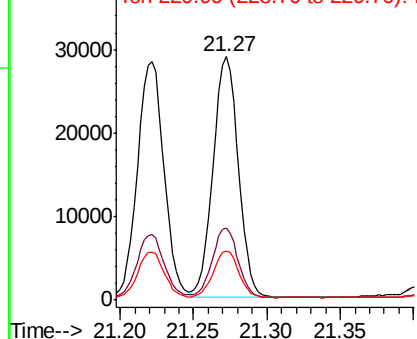


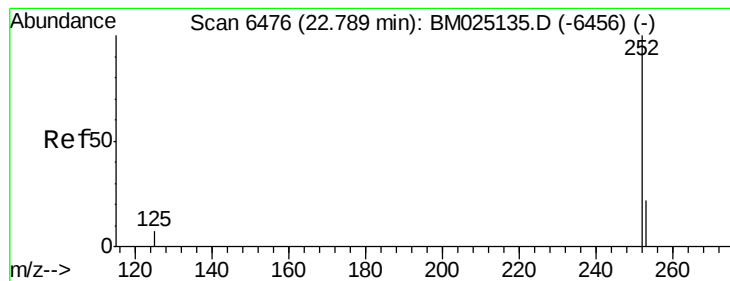
Abundance

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: 0.414 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

Instrument :

BNA_M

ClientSampleId :

SSTD0.495

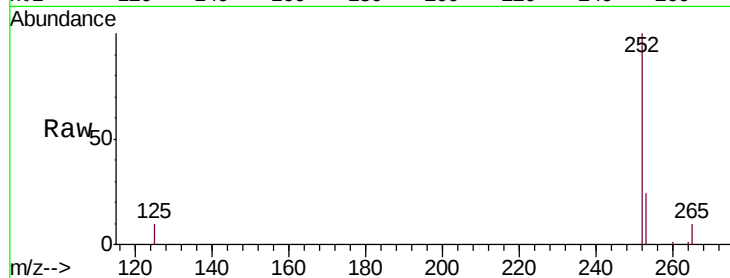
Tgt Ion:252 Resp: 36712

Ion Ratio Lower Upper

252 100

253 23.9 0.0 49.8

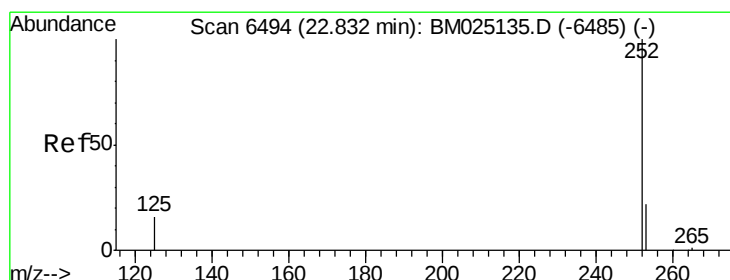
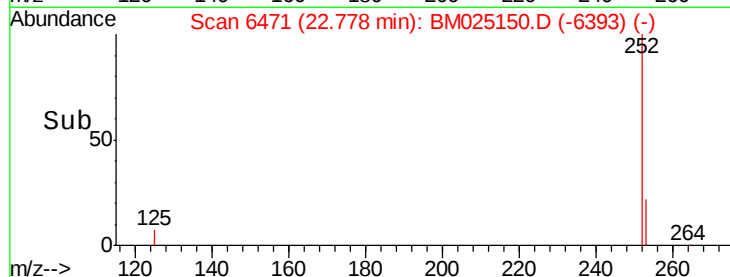
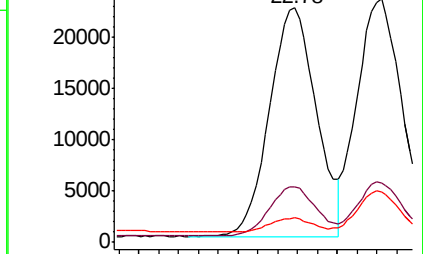
125 10.5 0.0 28.6



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: 0.417 ng/ul

RT: 22.82 min Scan# 6489

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

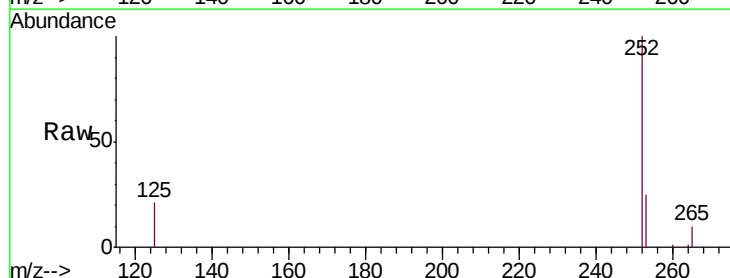
Tgt Ion:252 Resp: 36636

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.0

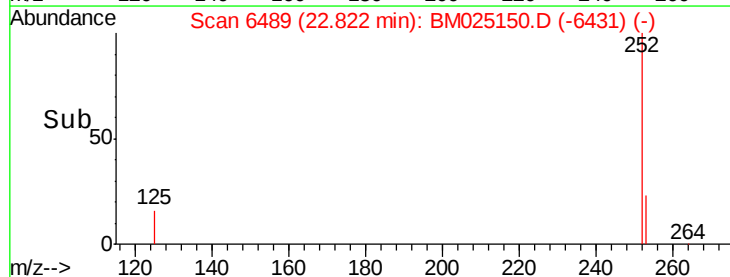
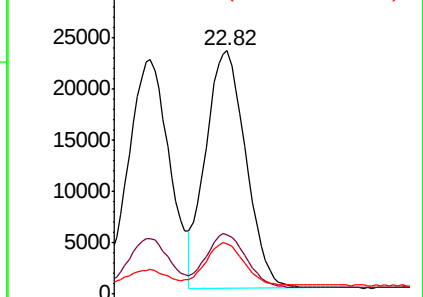
125 20.5 10.7 16.1#

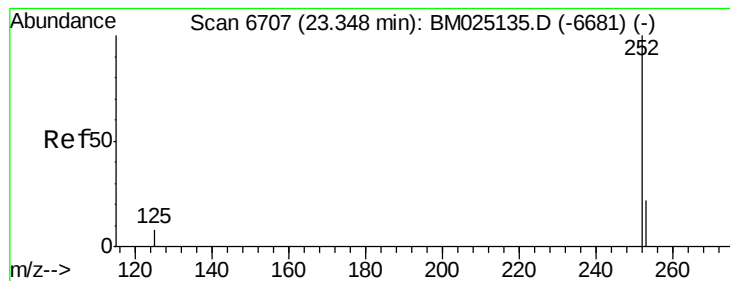


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.411 ng/u1

RT: 23.34 min Scan# 6701

Delta R.T. -0.01 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

Instrument :

BNA_M

ClientSampleId :

SSTD0.495

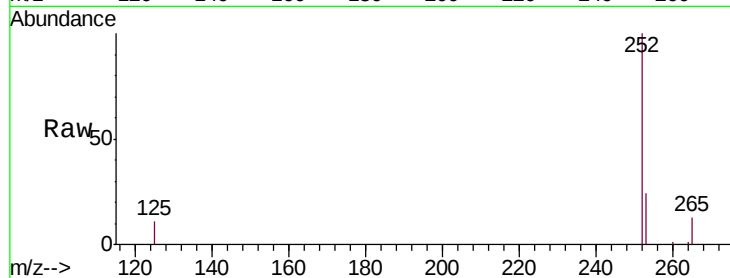
Tgt Ion:252 Resp: 33323

Ion Ratio Lower Upper

252 100

253 24.3 20.3 30.5

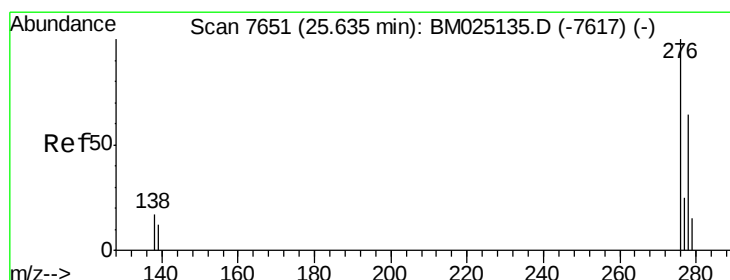
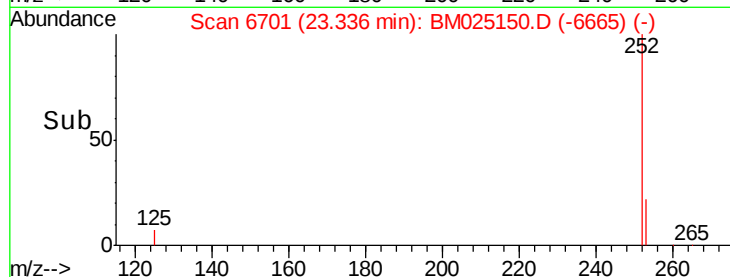
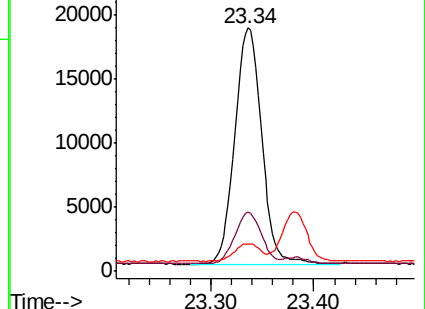
125 11.1 13.0 19.4#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.419 ng/u1

RT: 25.62 min Scan# 7644

Delta R.T. -0.02 min

Lab File: BM025150.D

Acq: 29 Feb 2020 01:21

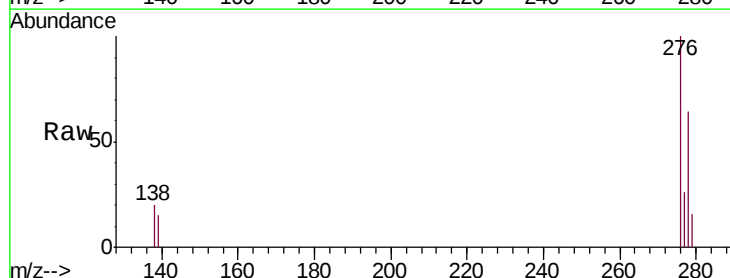
Tgt Ion:276 Resp: 42553

Ion Ratio Lower Upper

276 100

138 19.9 0.0 0.0#

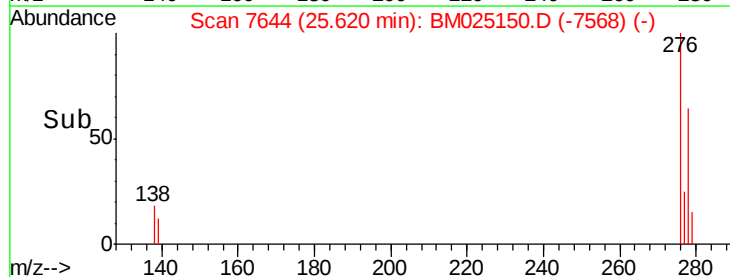
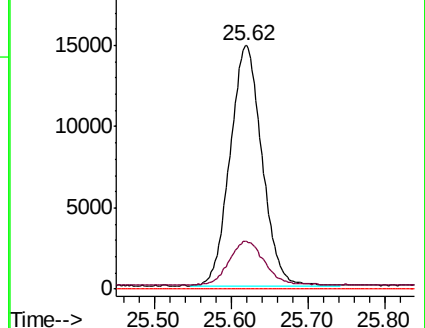
227 0.0 0.0 0.0

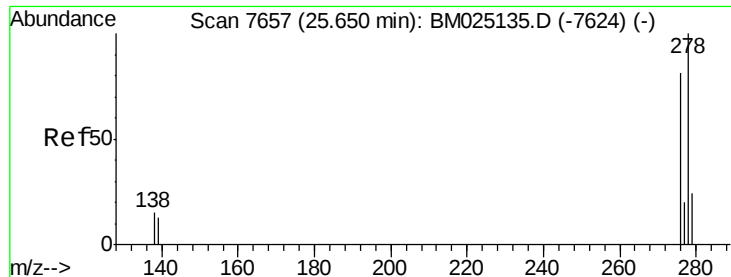


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

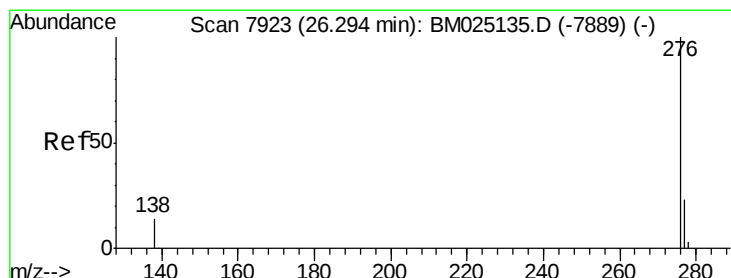
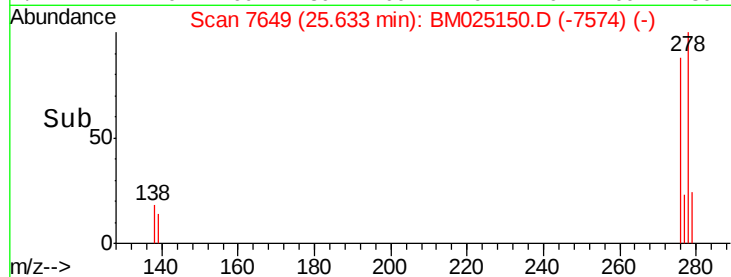
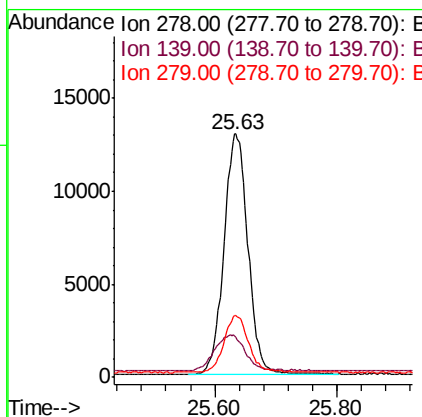
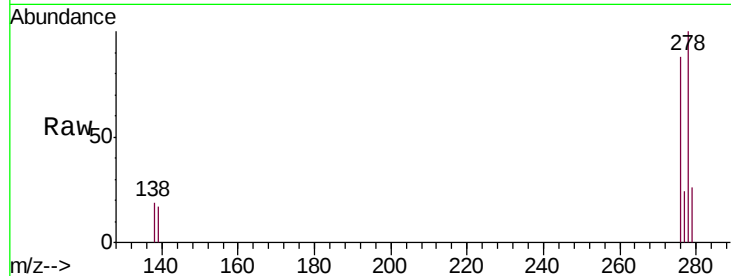




#25
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 25.63 min Scan# 7649
Delta R.T. -0.02 min
Lab File: BM025150.D
Acq: 29 Feb 2020 01:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.495

Tgt Ion: 278 Resp: 35214
Ion Ratio Lower Upper
278 100
139 16.8 13.2 19.8
279 25.6 21.0 31.4



#26
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 26.28 min Scan# 7917
Delta R.T. -0.01 min
Lab File: BM025150.D
Acq: 29 Feb 2020 01:21

Tgt Ion: 276 Resp: 35090
Ion Ratio Lower Upper
276 100
138 17.8 17.9 26.9#
277 25.1 20.5 30.7

