

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021971.D
 Acq On : 09 Aug 2019 15:24
 Operator : HP/JU
 Sample : K4029-19DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:22:58 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

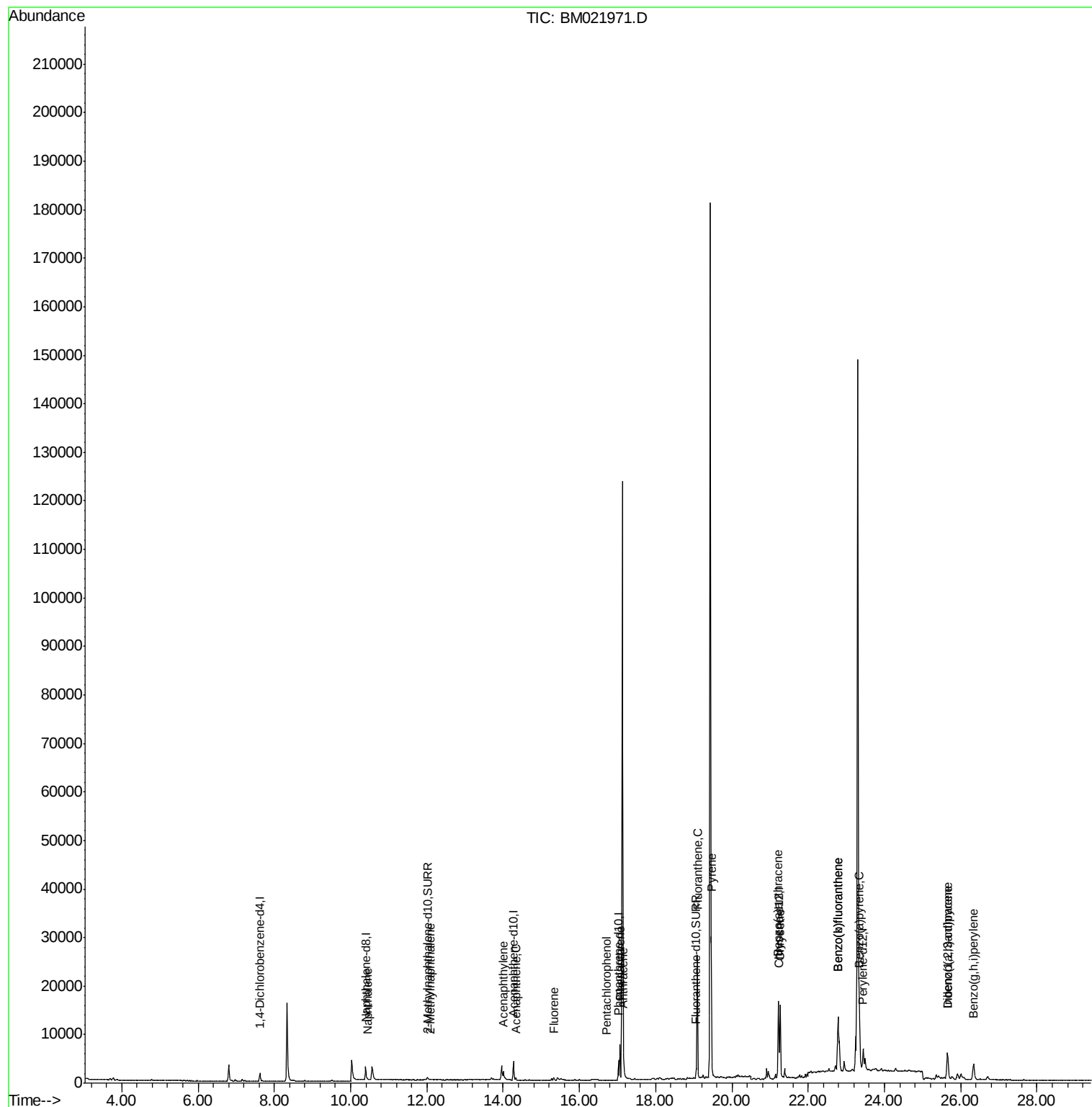
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	911	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3931	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2147	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4898	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4876	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	7424	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	860	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2314	0.14	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	350	0.032	ng/ul#	64
5) 2-Methylnaphthalene	12.09	142	155	0.021	ng/ul	94
7) Acenaphthylene	13.99	152	1327	0.133	ng/ul#	80
8) Acenaphthene	14.33	153	288	0.035	ng/ul#	94
9) Fluorene	15.33	166	410	0.045	ng/ul#	93
11) Pentachlorophenol	16.70	266	26	0.029	ng/ul#	76
12) Phenanthrene	17.07	178	7823	0.549	ng/ul	99
13) Anthracene	17.16	178	2181	0.179	ng/ul	94
15) Fluoranthene	19.09	202	22871	1.198	ng/ul	99
17) Pyrene	19.46	202	23213	1.159	ng/ul	98
18) Benzo(a)anthracene	21.21	228	13588	0.779	ng/ul	98
19) Chrysene	21.27	228	15291	0.682	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	25902	1.035	ng/ul	90
22) Benzo(k)fluoranthene	22.78	252	25902	0.914	ng/ul#	90
23) Benzo(a)pyrene	23.34	252	12898	0.507	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.65	276	8781	0.289	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.66	278	2408	0.098	ng/ul#	80
26) Benzo(g,h,i)perylene	26.34	276	6976	0.255	ng/ul	97

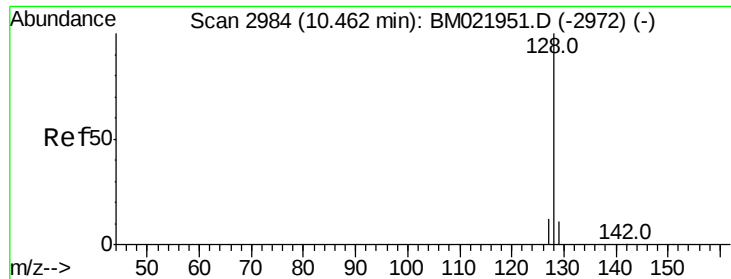
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021971.D
Acq On : 09 Aug 2019 15:24
Operator : HP/JU
Sample : K4029-19DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 10 05:22:58 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

Instrument :

BNA_M

ClientSampleId :

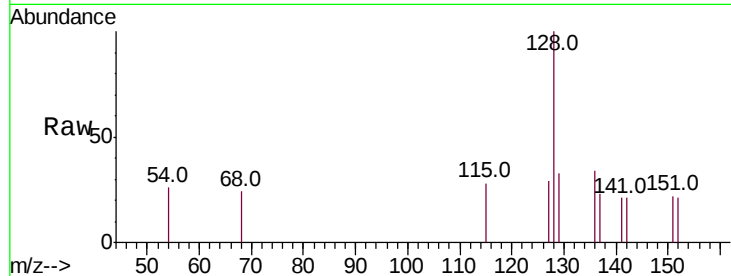
Tot Ion:128 Resp: 350

Ion Ratio Lower Upper

128 100

129 33.2 12.3 18.5#

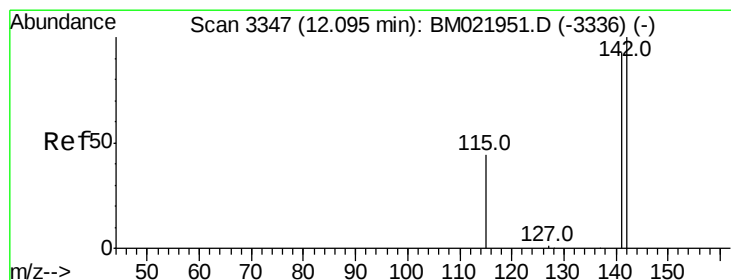
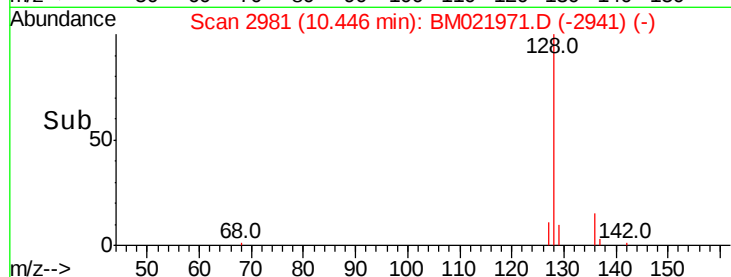
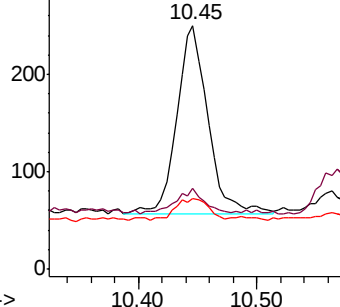
127 28.8 13.0 19.6#



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: 0.021 ng/ul

RT: 12.09 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM021971.D

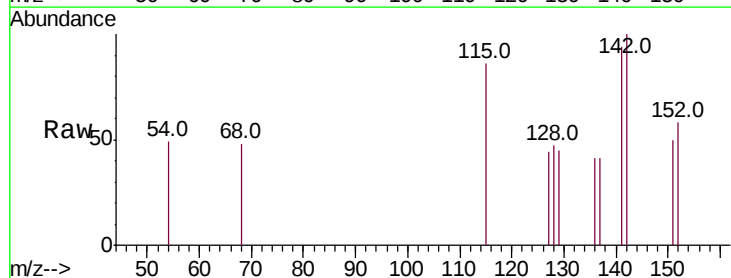
Acq: 09 Aug 2019 15:24

Tgt Ion:142 Resp: 155

Ion Ratio Lower Upper

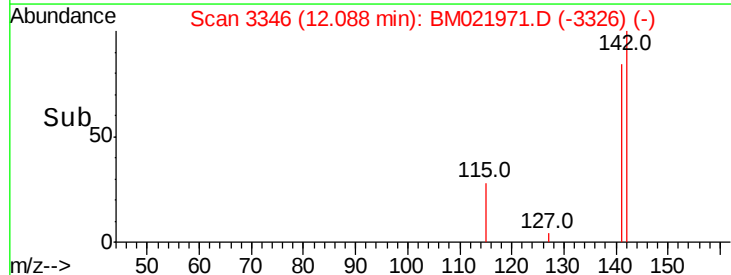
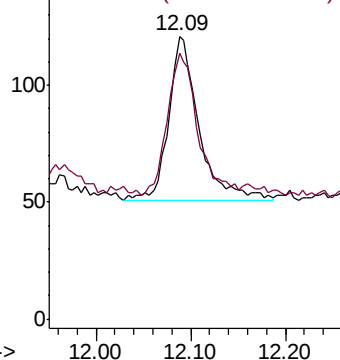
142 100

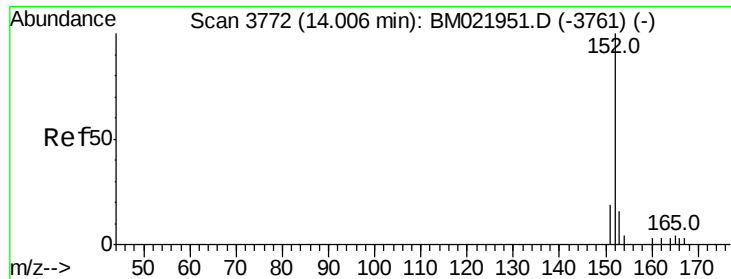
141 87.1 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.133 ng/ul

RT: 13.99 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

Instrument :

BNA_M

ClientSampled :

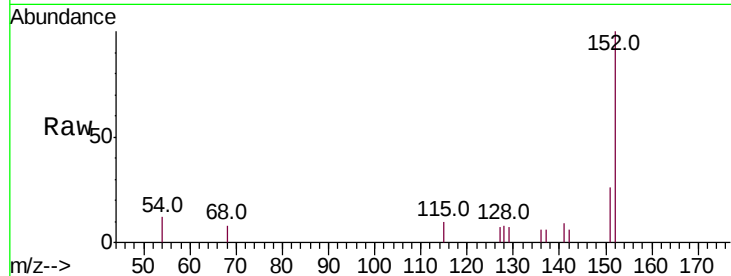
Tot Ion:152 Resp: 1327

Ion Ratio Lower Upper

152 100

151 26.3 18.3 27.5

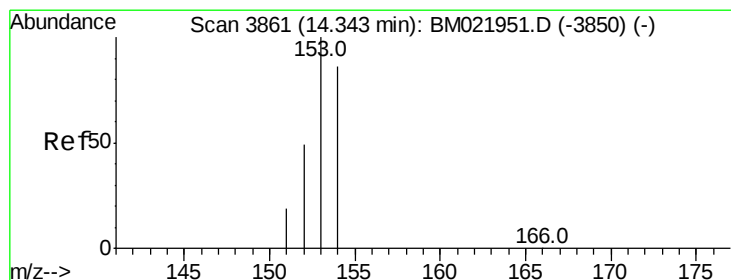
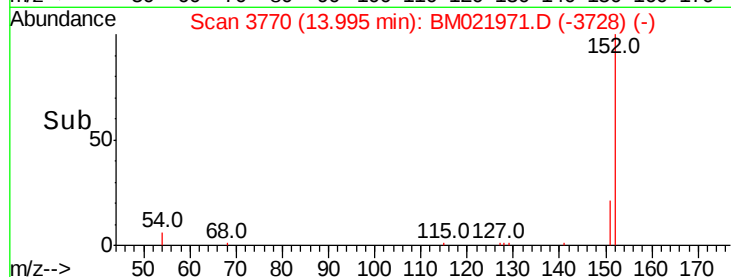
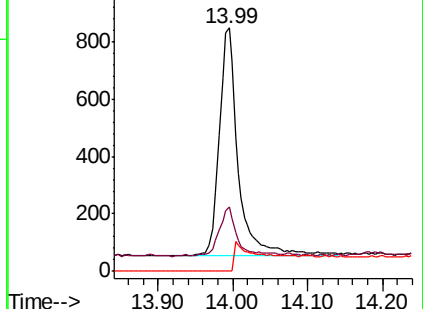
153 0.0 12.8 19.2#



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: 0.035 ng/ul

RT: 14.33 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

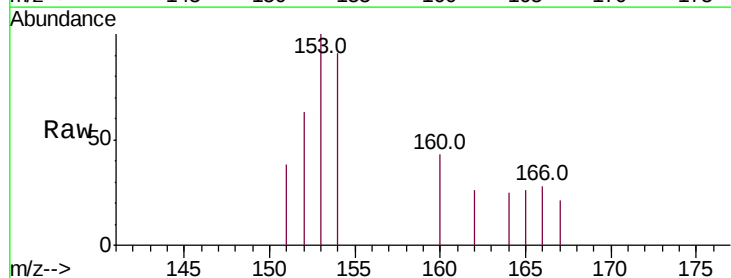
Tgt Ion:153 Resp: 288

Ion Ratio Lower Upper

153 100

152 63.3 41.3 61.9#

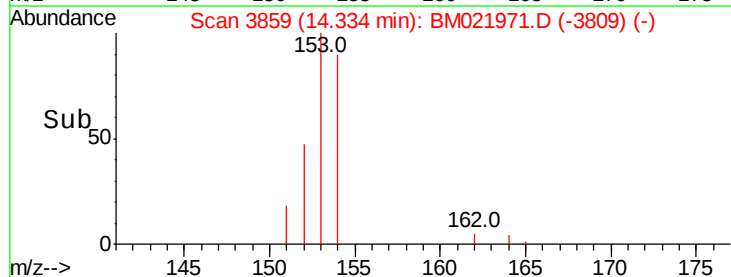
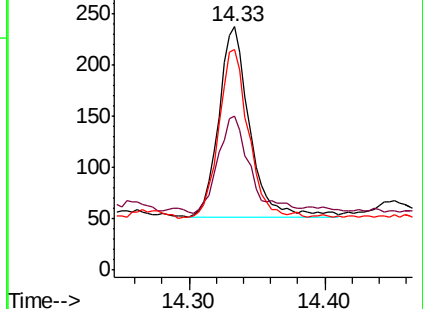
154 90.7 72.3 108.5

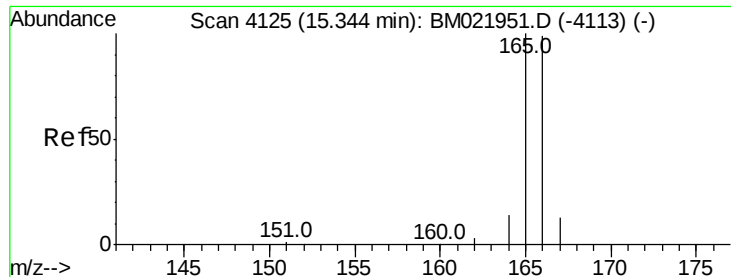


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.02 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

Instrument :

BNA_M

ClientSampleId :

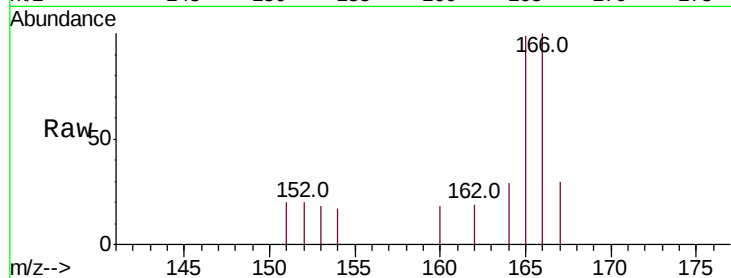
Tot Ion:166 Resp: 410

Ion Ratio Lower Upper

166 100

165 98.7 81.4 122.0

167 30.5 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

15.33

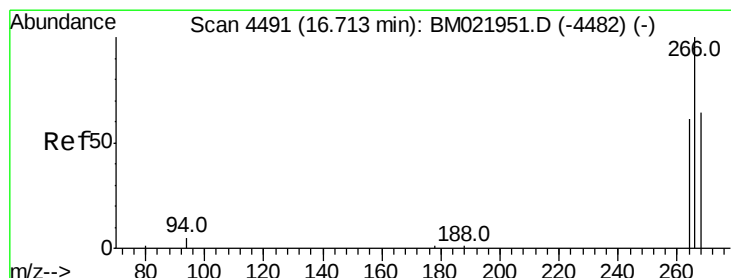
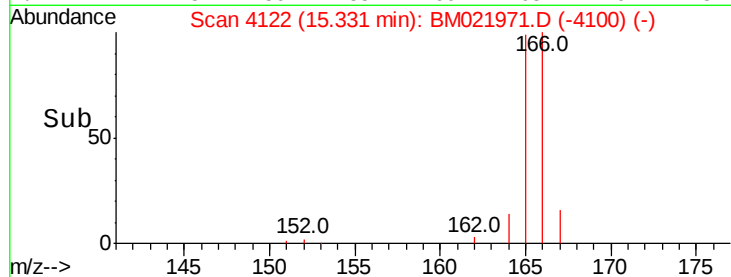
300

200

100

0

Time-->



#11

Pentachlorophenol

Concen: 0.029 ng/ul

RT: 16.70 min Scan# 4489

Delta R.T. -0.01 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

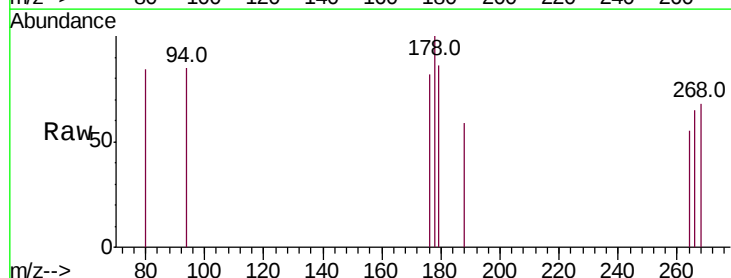
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 61.5 54.2 81.2

268 38.5 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

16.70

80

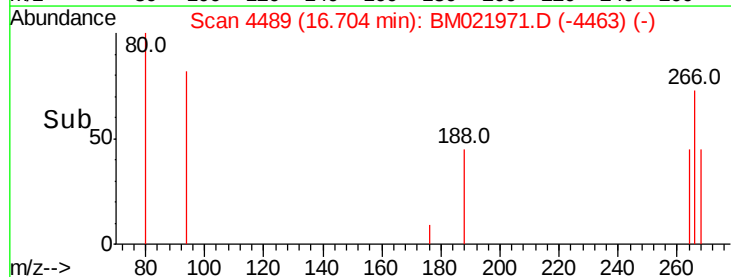
60

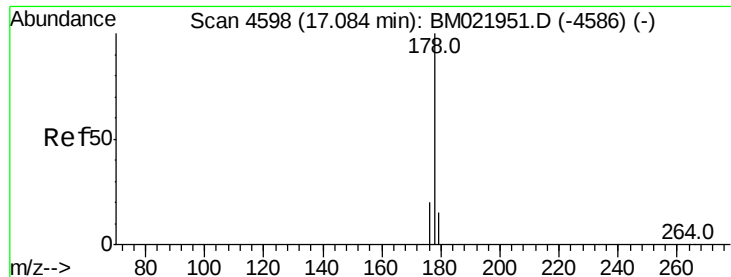
40

20

0

Time-->





#12

Phenanthrene

Concen: 0.549 ng/ul

RT: 17.07 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

Instrument :

BNA_M

ClientSampleId :

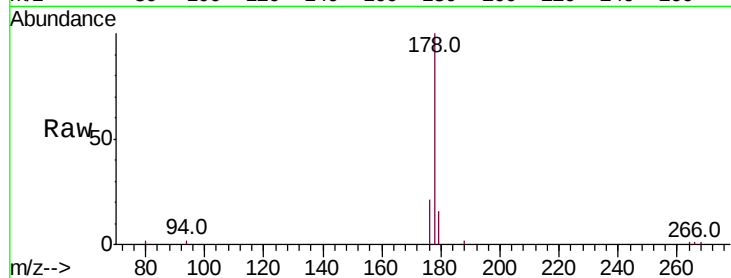
Tot Ion:178 Resp: 7823

Ion Ratio Lower Upper

178 100

179 16.4 14.2 21.2

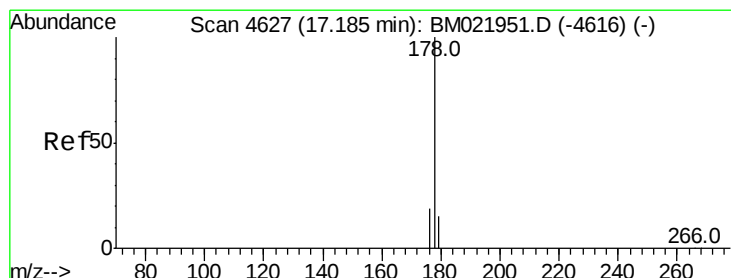
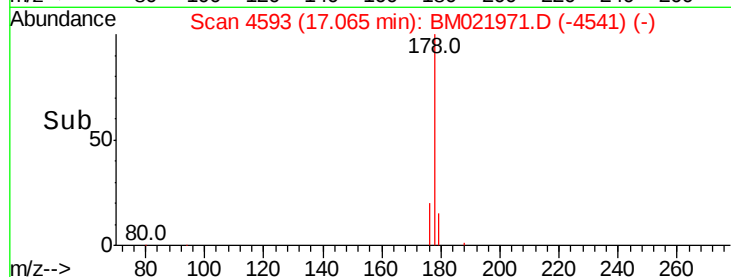
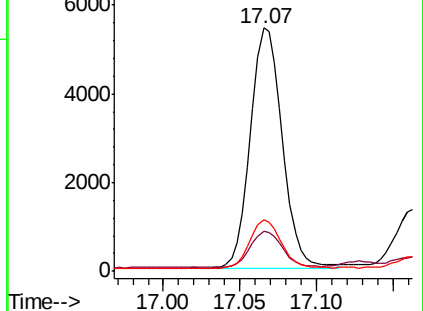
176 21.1 16.8 25.2



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: 0.179 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.02 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

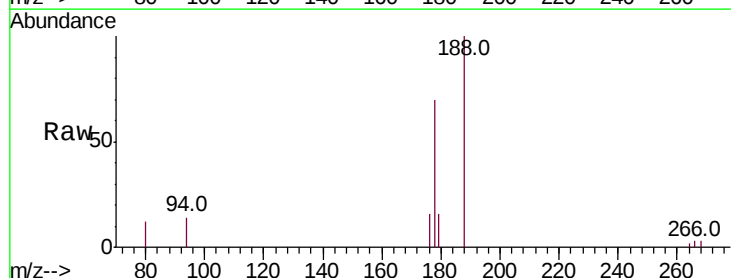
Tgt Ion:178 Resp: 2181

Ion Ratio Lower Upper

178 100

179 22.6 15.5 23.3

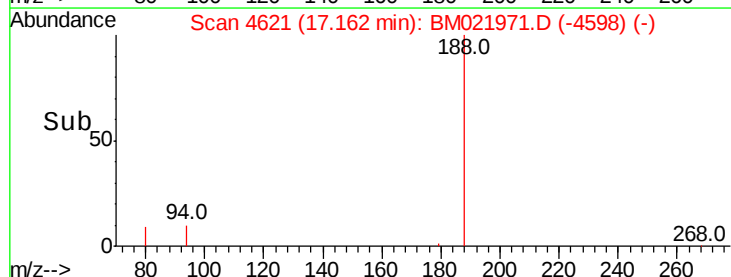
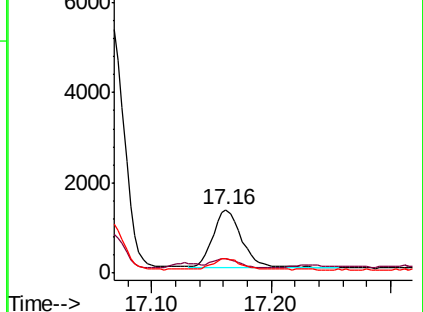
176 22.9 16.6 25.0

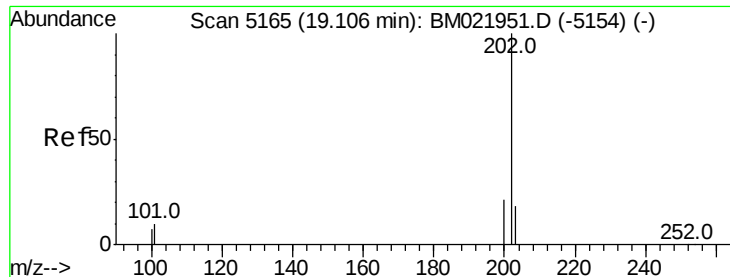


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.198 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.02 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

Instrument :

BNA_M

ClientSampleId :

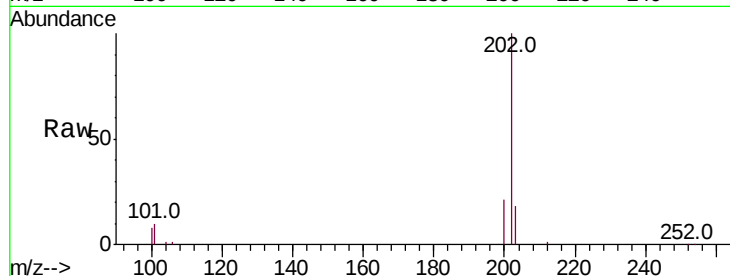
Tot Ion:202 Resp: 22871

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.2

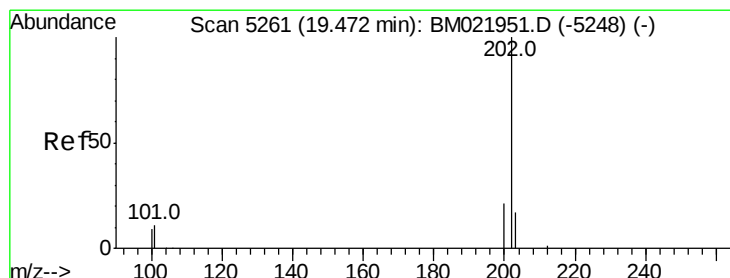
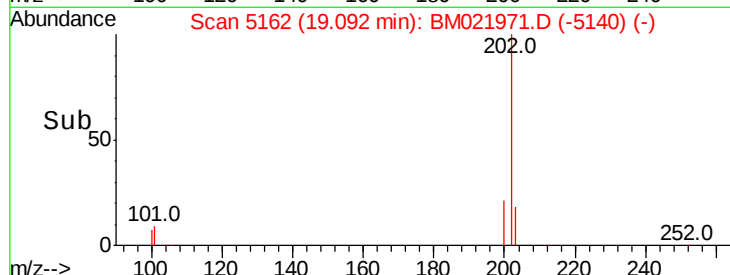
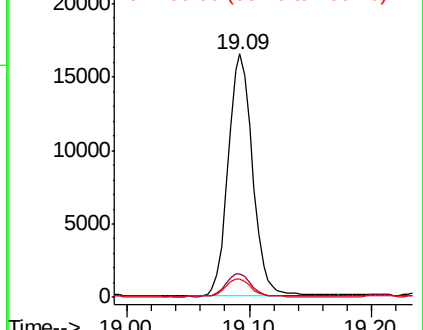
100 7.7 0.0 28.1



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: 1.159 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.02 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

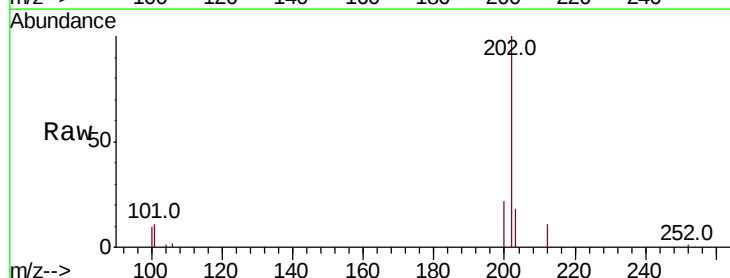
Tgt Ion:202 Resp: 23213

Ion Ratio Lower Upper

202 100

101 11.3 8.3 12.5

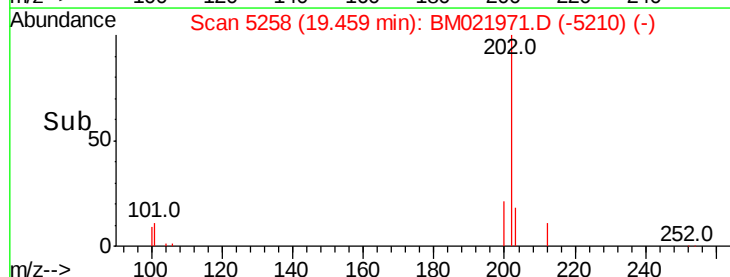
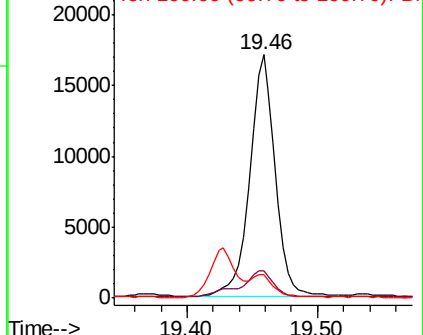
100 9.6 7.2 10.8

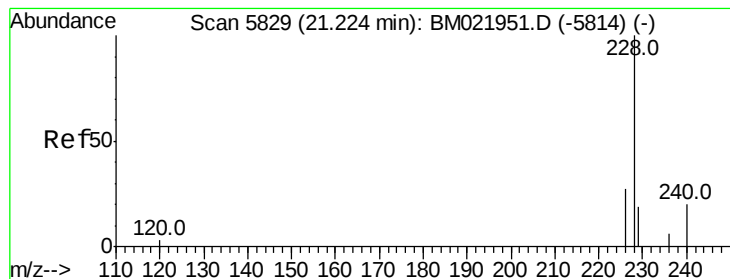


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

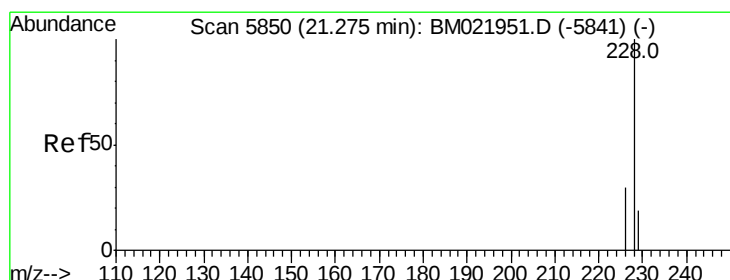
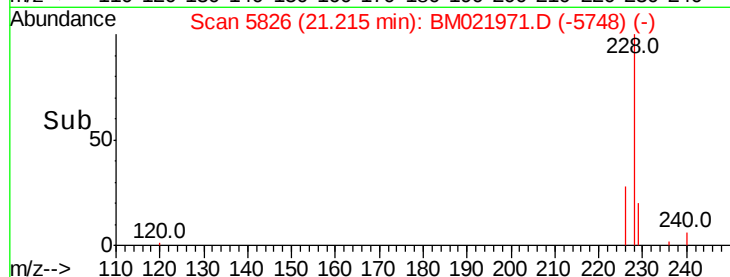
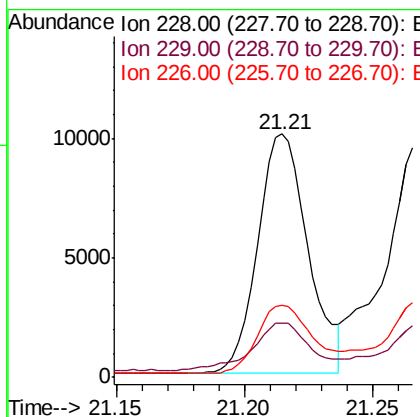
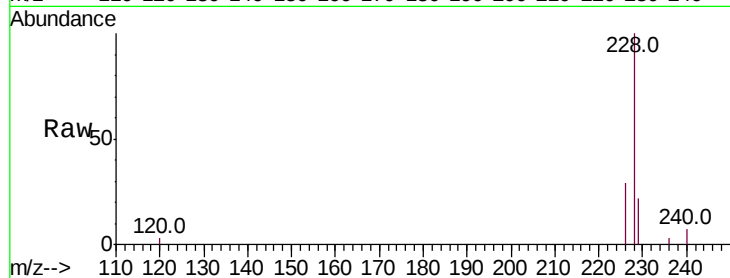




#18
Benzo(a)anthracene
Concen: 0.779 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021971.D
Acq: 09 Aug 2019 15:24

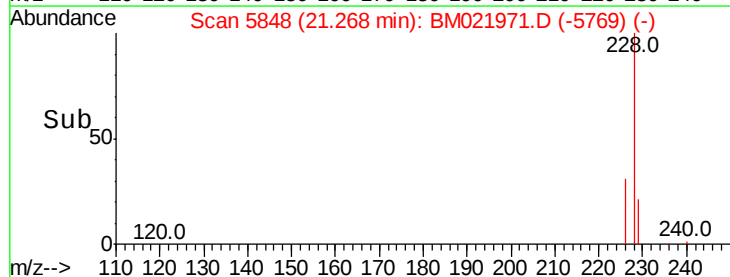
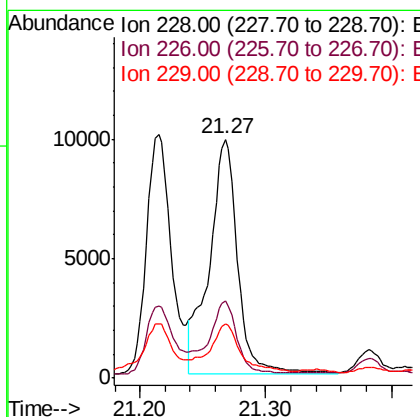
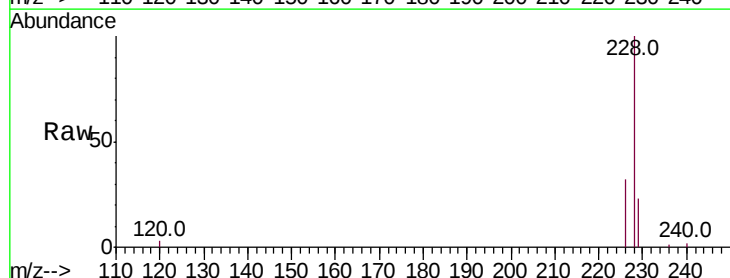
Instrument :
BNA_M
ClientSampleId :

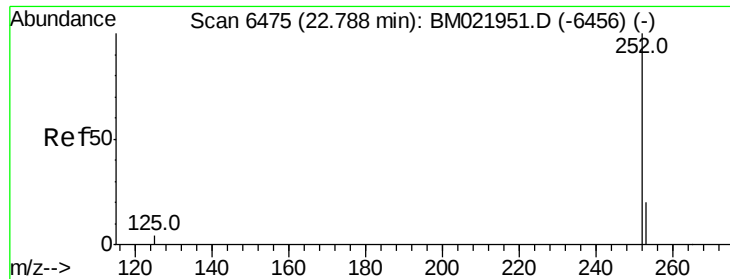
Tot Ion:228 Resp: 13588
Ion Ratio Lower Upper
228 100
229 22.5 17.2 25.8
226 29.5 22.6 34.0



#19
Chrysene
Concen: 0.682 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. -0.01 min
Lab File: BM021971.D
Acq: 09 Aug 2019 15:24

Tgt Ion:228 Resp: 15291
Ion Ratio Lower Upper
228 100
226 32.2 24.9 37.3
229 22.6 16.6 25.0





#21

Benzo(b)fluoranthene

Concen: 1.035 ng/uL

RT: 22.78 min Scan# 6473

Delta R.T. -0.01 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

Instrument :

BNA_M

ClientSampleId :

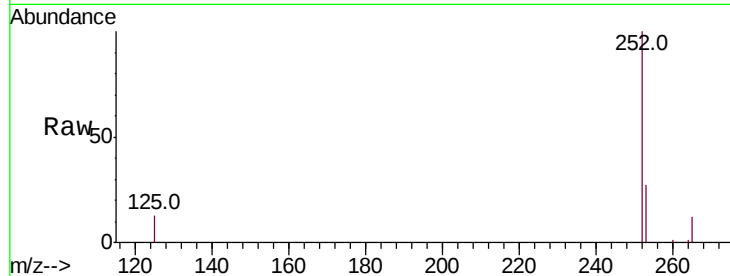
Tot Ion:252 Resp: 25902

Ion Ratio Lower Upper

252 100

253 26.7 0.0 67.4

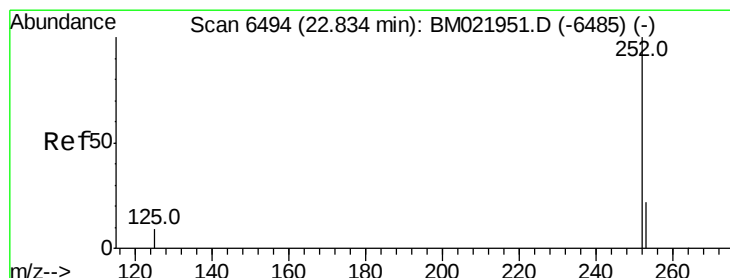
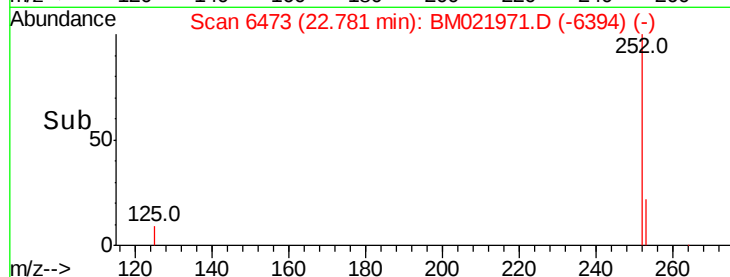
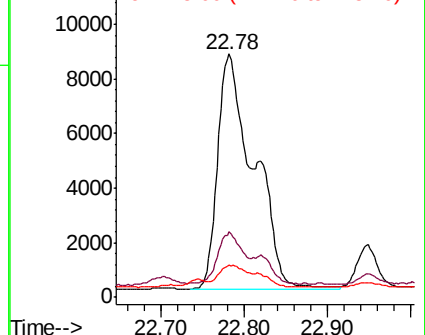
125 13.3 0.0 31.0



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: 0.914 ng/uL

RT: 22.78 min Scan# 6473

Delta R.T. -0.05 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

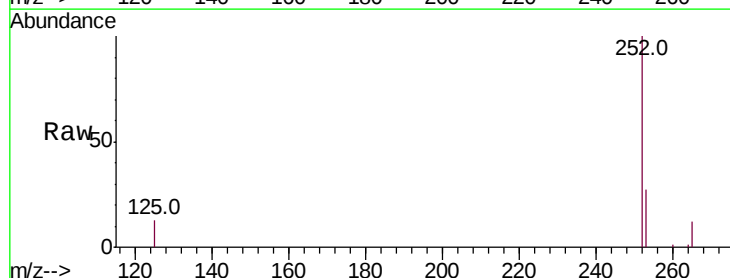
Tgt Ion:252 Resp: 25902

Ion Ratio Lower Upper

252 100

253 26.7 27.0 40.4#

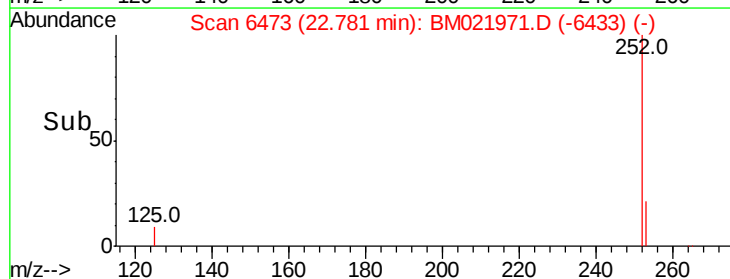
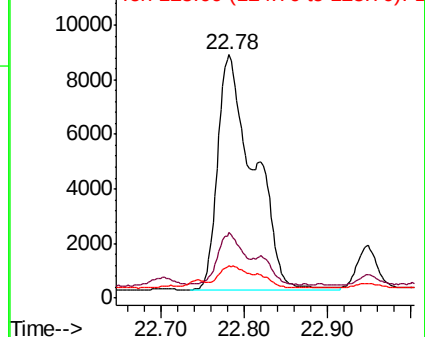
125 13.3 12.2 18.2

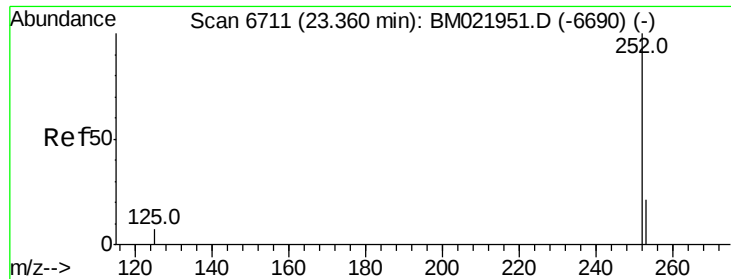


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.507 ng/ul

RT: 23.34 min Scan# 6705

Delta R.T. -0.02 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

Instrument :

BNA_M

ClientSampleId :

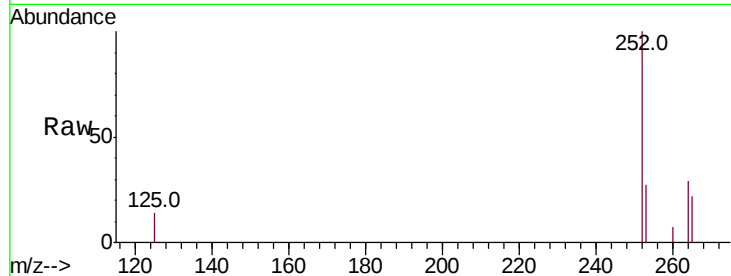
Tot Ion:252 Resp: 12898

Ion Ratio Lower Upper

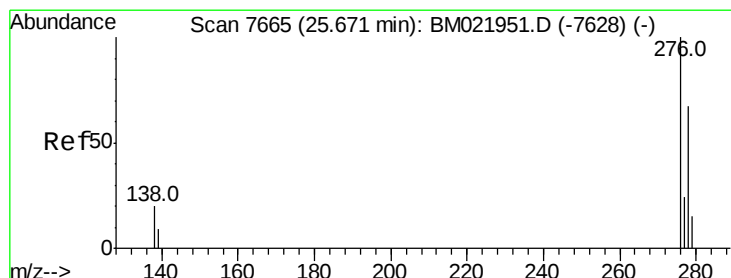
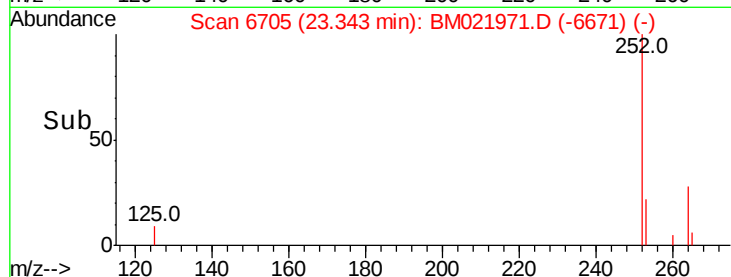
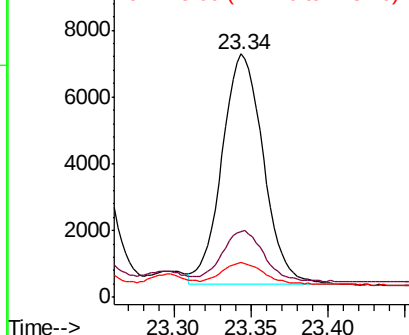
252 100

253 27.2 31.7 47.5#

125 14.3 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: 0.289 ng/ul

RT: 25.65 min Scan# 7659

Delta R.T. -0.02 min

Lab File: BM021971.D

Acq: 09 Aug 2019 15:24

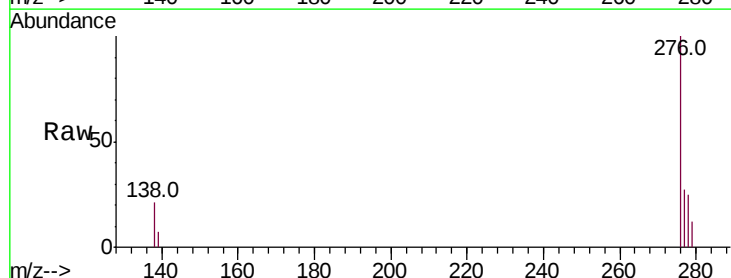
Tgt Ion:276 Resp: 8781

Ion Ratio Lower Upper

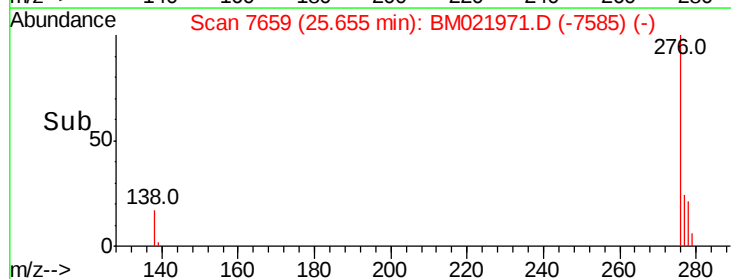
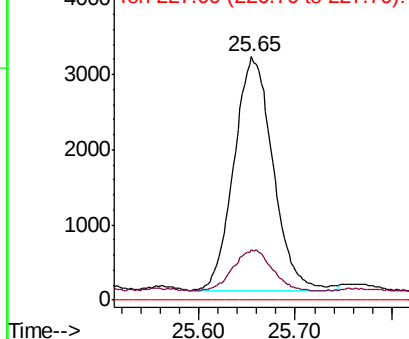
276 100

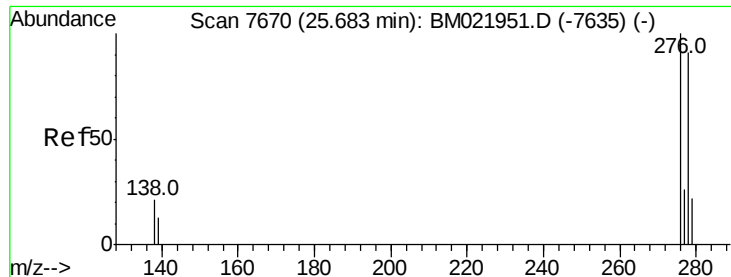
138 17.5 15.1 22.7

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

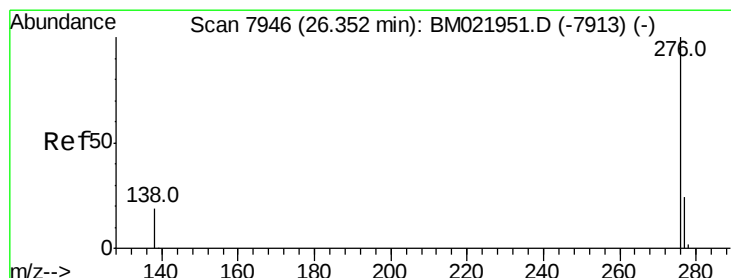
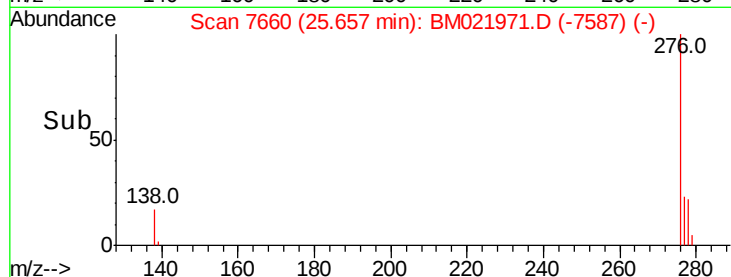
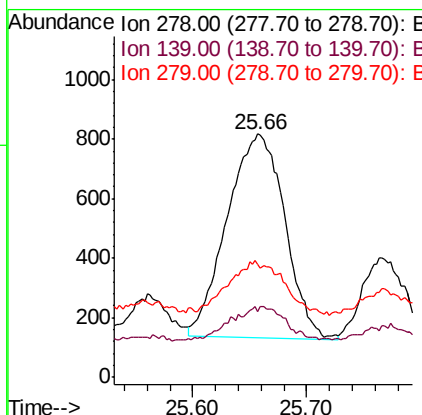
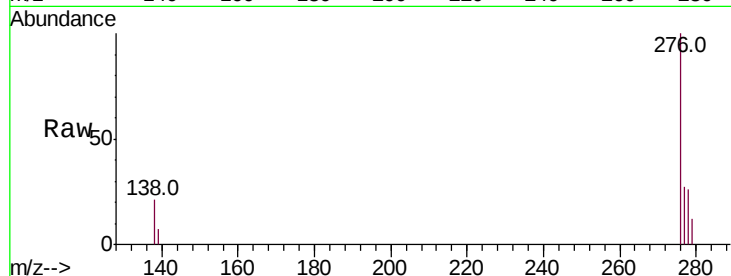




#25
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM021971.D
Acq: 09 Aug 2019 15:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2408
Ion Ratio Lower Upper
278 100
139 27.0 14.2 21.2#
279 46.3 28.3 42.5#



#26
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 26.34 min Scan# 7940
Delta R.T. -0.02 min
Lab File: BM021971.D
Acq: 09 Aug 2019 15:24

Tgt Ion:276 Resp: 6976
Ion Ratio Lower Upper
276 100
138 22.5 15.5 23.3
277 27.3 21.4 32.2

