

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021721\
 Data File : BN013659.D
 Acq On : 17 Feb 2021 12:19
 Operator : CG/JU
 Sample : M1326-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2Z56

Quant Time: Feb 17 12:56:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 10:54:34 2021
 Response via : Initial Calibration

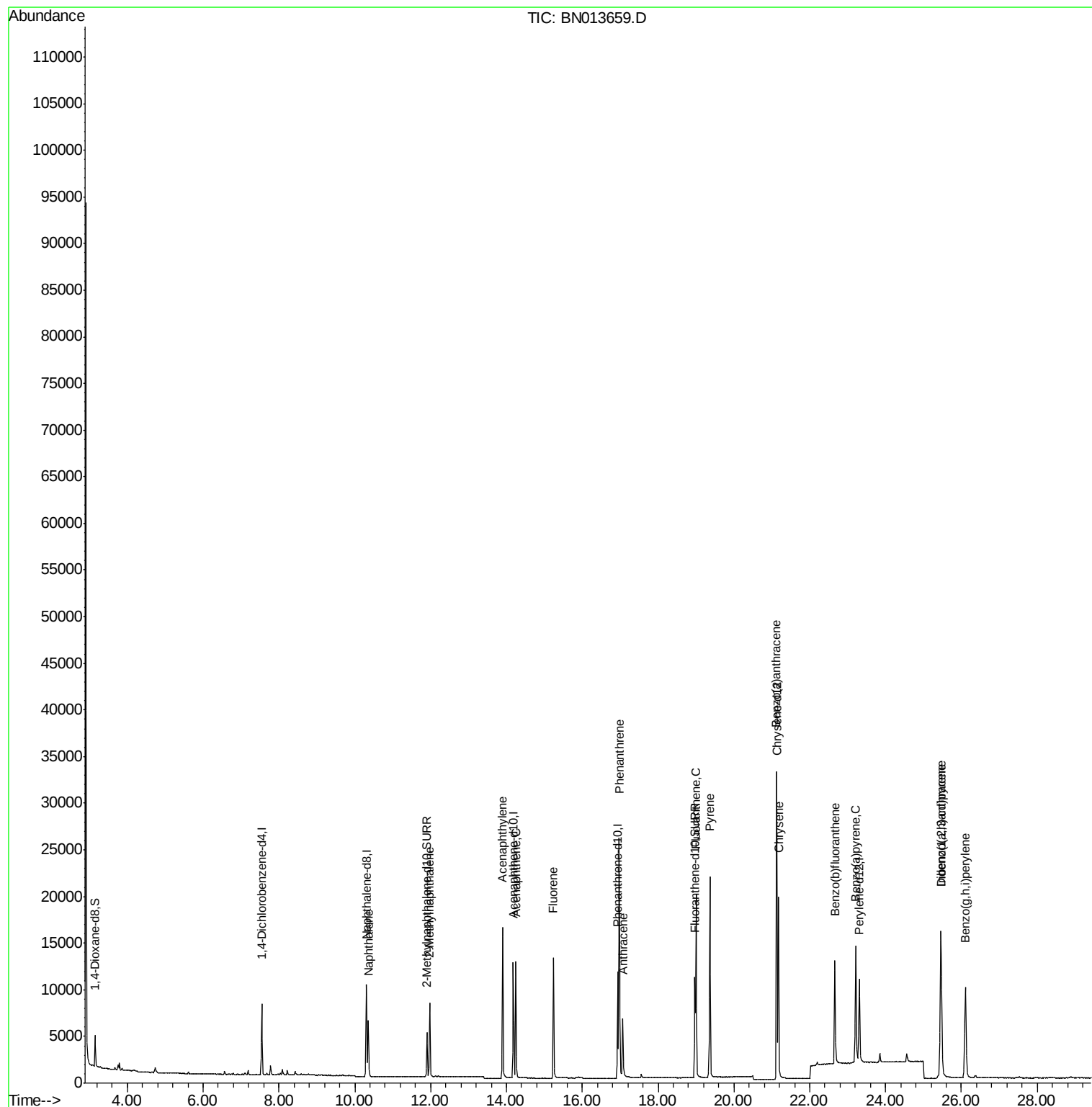
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3565	0.40	ng/ul	0.00
4) Naphthalene-d8	10.31	136	13366	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.19	164	6946	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.94	188	14227	0.40	ng/ul	0.00
17) Chrysene-d12	21.14	240	12577	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	11296	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	2259	0.62	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.91	152	6571	0.34	ng/ul	0.00
18) Fluoranthene-d10	18.97	212	12228	0.32	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.36	128	8178	0.217	ng/ul	100
7) 2-Methylnaphthalene	11.98	142	5756	0.228	ng/ul	98
10) Acenaphthylene	13.90	152	19553	0.670	ng/ul	99
11) Acenaphthene	14.25	153	7181	0.287	ng/ul	99
12) Fluorene	15.24	166	8644	0.311	ng/ul	97
15) Phenanthrene	16.97	178	27269	0.597	ng/ul	100
16) Anthracene	17.07	178	7772	0.209	ng/ul	97
19) Fluoranthene	19.00	202	17056	0.342	ng/ul	100
20) Pyrene	19.37	202	19126	0.383	ng/ul	99
21) Benzo(a)anthracene	21.12	228	25989	0.656	ng/ul	99
22) Chrysene	21.17	228	16599	0.338	ng/ul	100
24) Benzo(b)fluoranthene	22.66	252	14157	0.287	ng/ul	95
26) Benzo(a)pyrene	23.21	252	18535	0.478	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.45	276	17928	0.329	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.47	278	15361	0.346	ng/ul	99
29) Benzo(a,h,i)perylene	26.10	276	18638	0.387	ng/ul	98

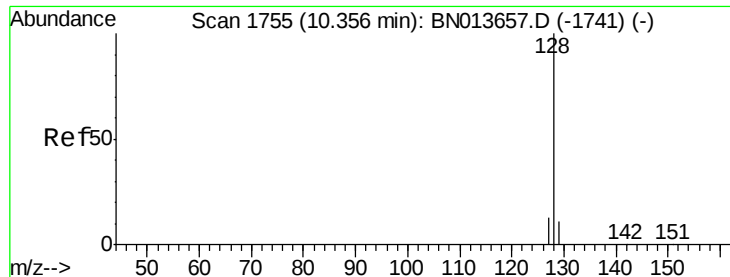
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.217 ng/ul

RT: 10.36 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

Instrument :

BNA_N

ClientSampleId :

X2Z56

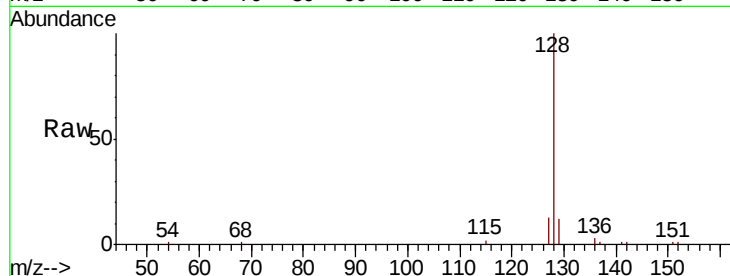
Tot Ion:128 Resp: 8178

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

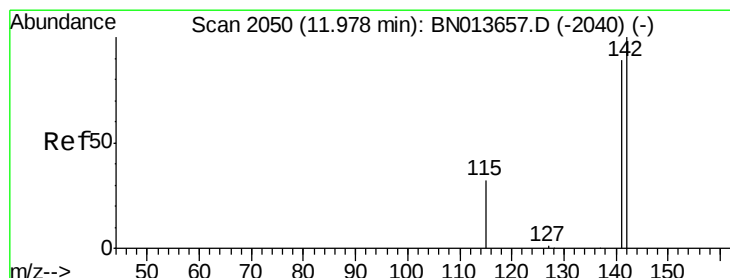
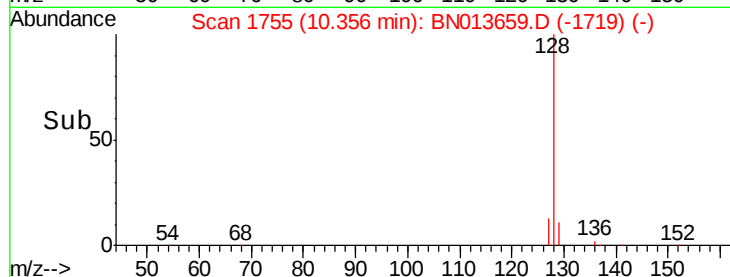
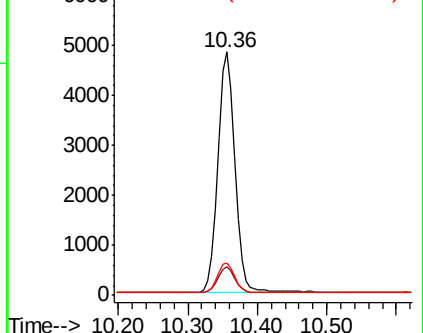
127 13.4 10.7 16.1



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



#7

2-Methylnaphthalene

Concen: 0.228 ng/ul

RT: 11.98 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BN013659.D

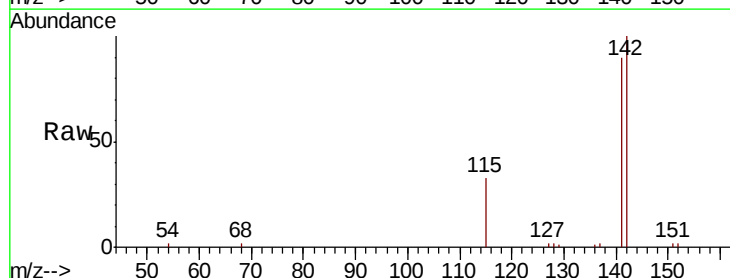
Acq: 17 Feb 2021 12:19

Tgt Ion:142 Resp: 5756

Ion Ratio Lower Upper

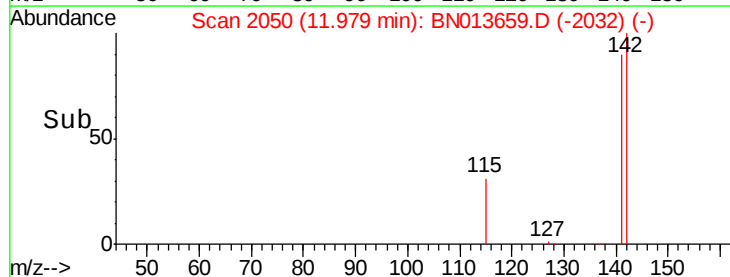
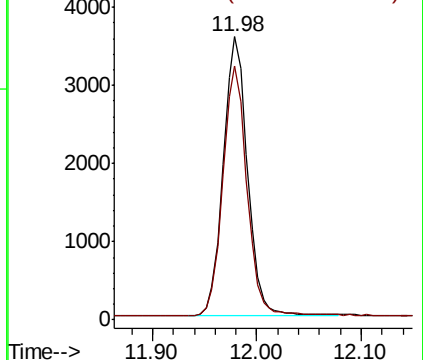
142 100

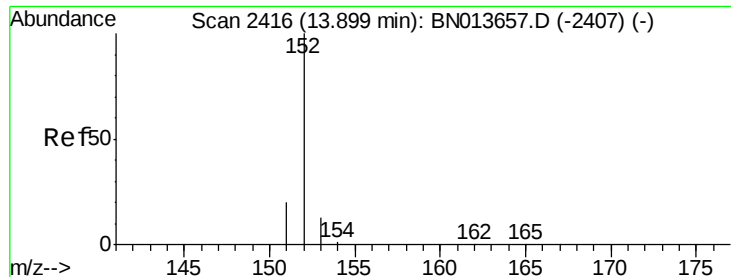
141 90.3 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.670 ng/ul

RT: 13.90 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

Instrument :

BNA_N

ClientSampleId :

X2Z56

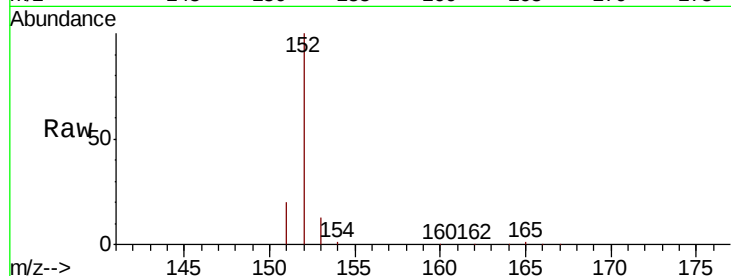
Tot Ion:152 Resp: 19553

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

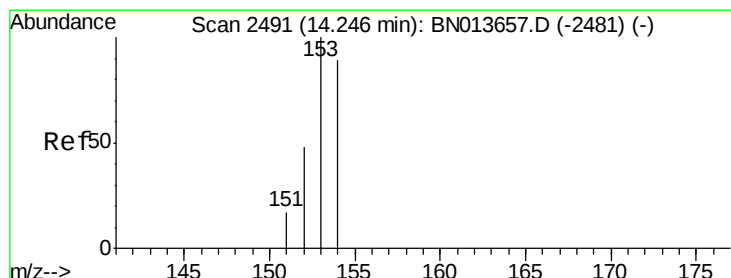
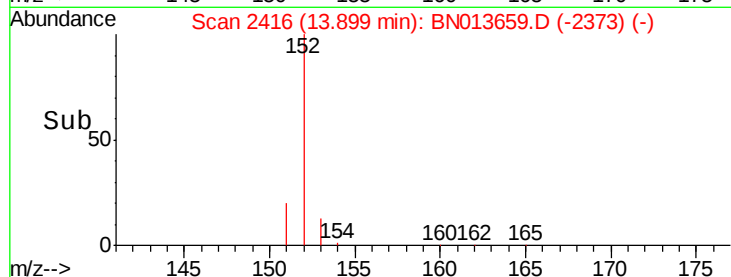
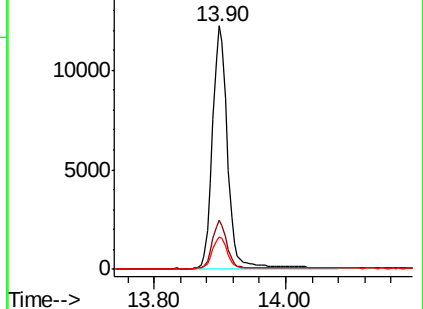
153 13.1 10.7 16.1



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



#11

Acenaphthene

Concen: 0.287 ng/ul

RT: 14.25 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

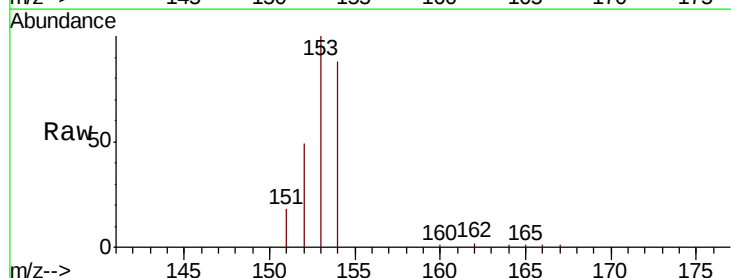
Tgt Ion:153 Resp: 7181

Ion Ratio Lower Upper

153 100

152 49.4 38.9 58.3

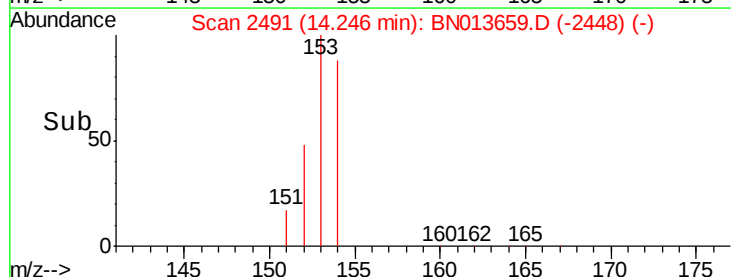
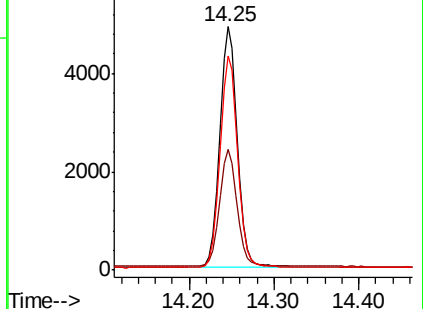
154 88.2 71.0 106.6

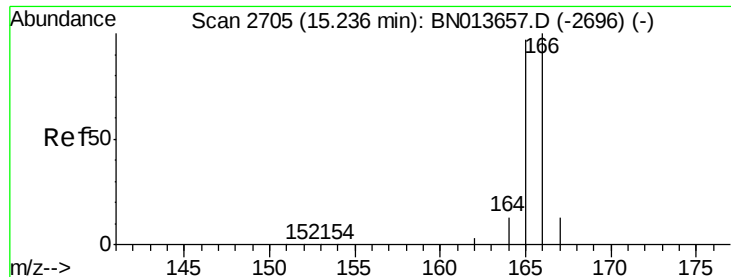


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Fluorene

Concen: 0.311 ng/ul

RT: 15.24 min Scan# 2706

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

Instrument :

BNA_N

ClientSampleId :

X2Z56

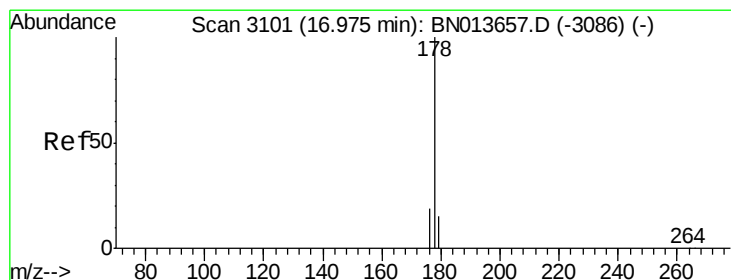
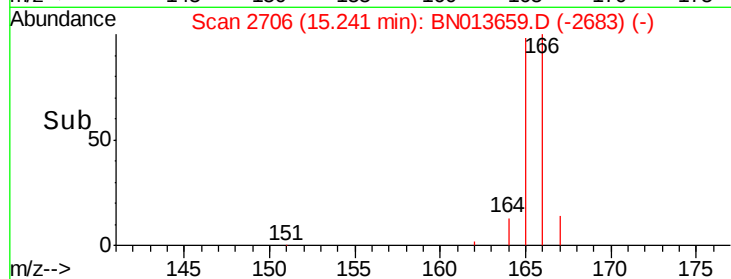
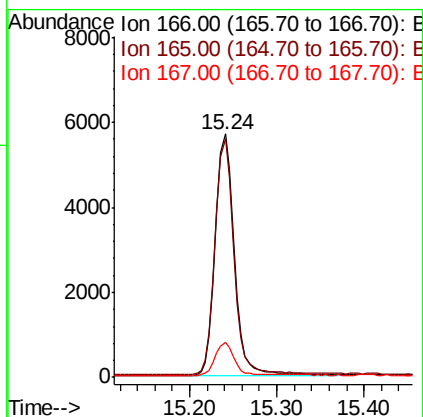
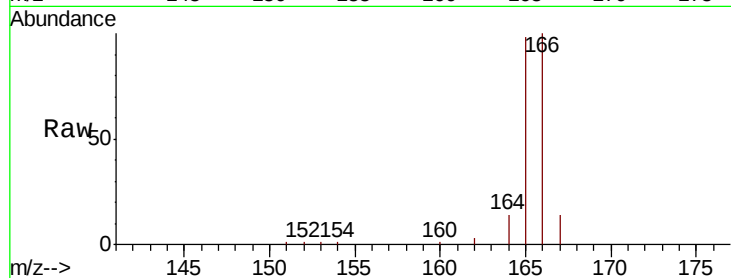
Tot Ion:166 Resp: 8644

Ion Ratio Lower Upper

166 100

165 97.8 76.1 114.1

167 14.4 11.0 16.6



#15

Phenanthrene

Concen: 0.597 ng/ul

RT: 16.97 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

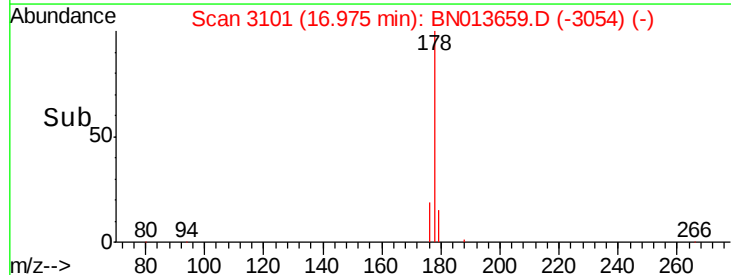
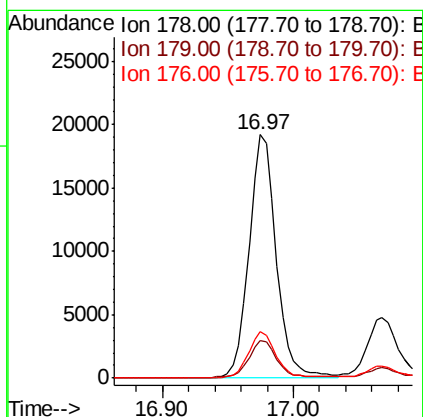
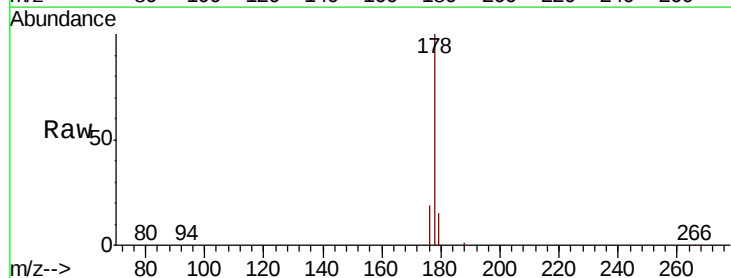
Tgt Ion:178 Resp: 27269

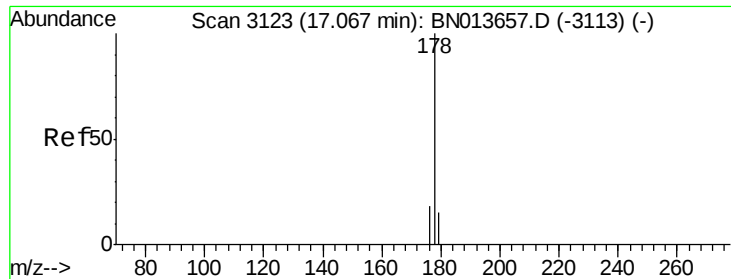
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.9 15.4 23.0

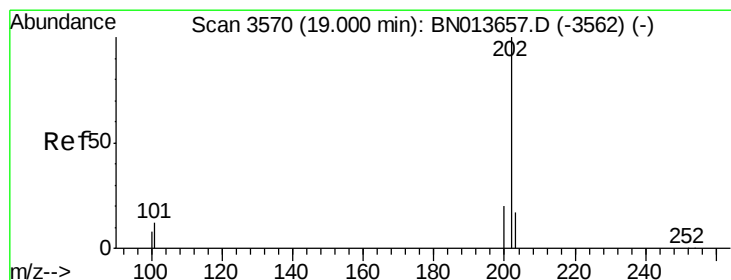
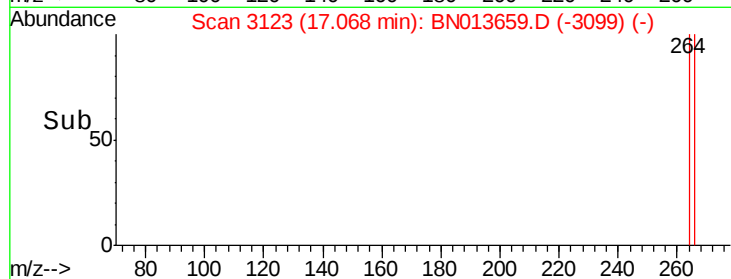
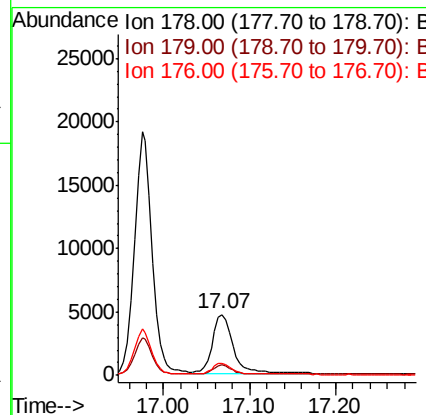
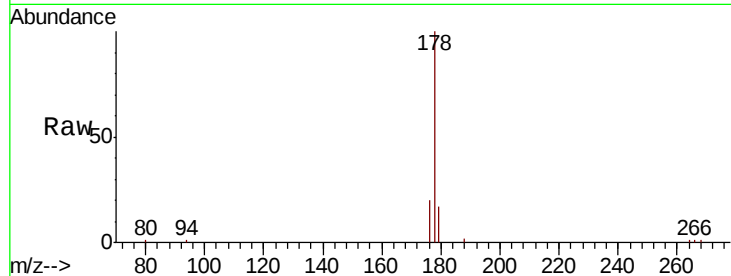




#16
 Anthracene
 Concen: 0.209 ng/ul
 RT: 17.07 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BN013659.D
 Acq: 17 Feb 2021 12:19

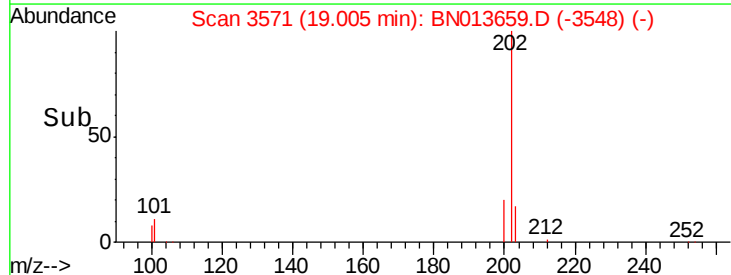
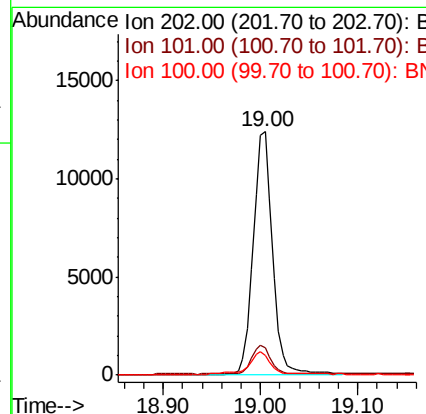
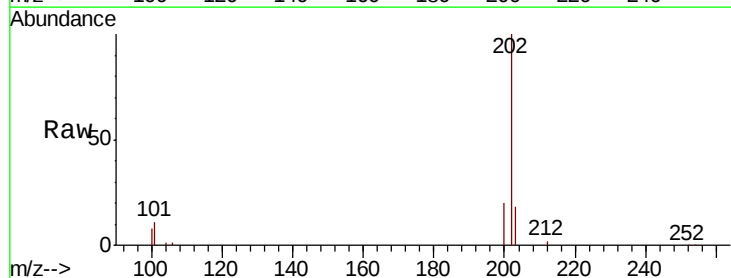
Instrument :
 BNA_N
 ClientSampleId :
 X2Z56

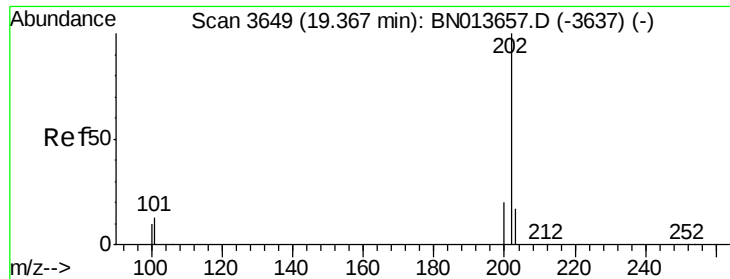
Tot Ion:178 Resp: 7772
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.6 18.8
 176 19.7 14.4 21.6



#19
 Fluoranthene
 Concen: 0.342 ng/ul
 RT: 19.00 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: BN013659.D
 Acq: 17 Feb 2021 12:19

Tgt Ion:202 Resp: 17056
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.9 13.3
 100 8.3 6.6 10.0

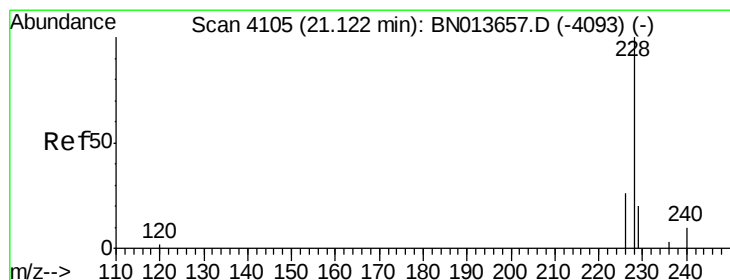
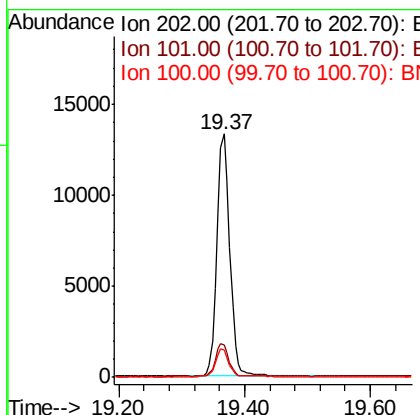
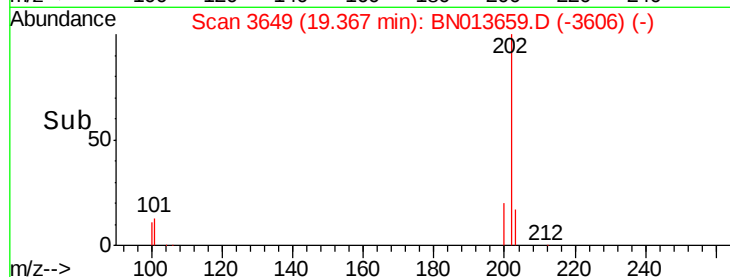
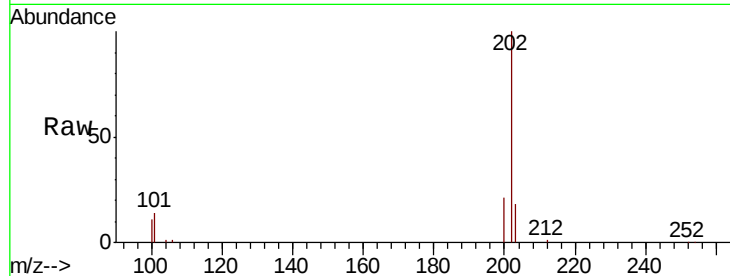




#20
Pvrene
Concen: 0.383 ng/ul
RT: 19.37 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BN013659.D
Acq: 17 Feb 2021 12:19

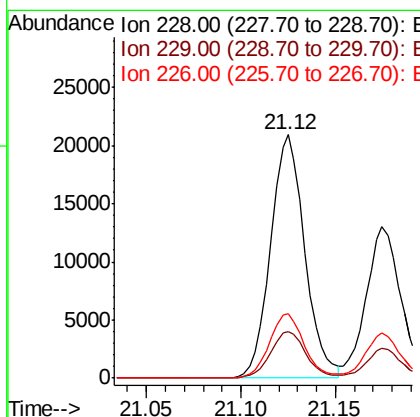
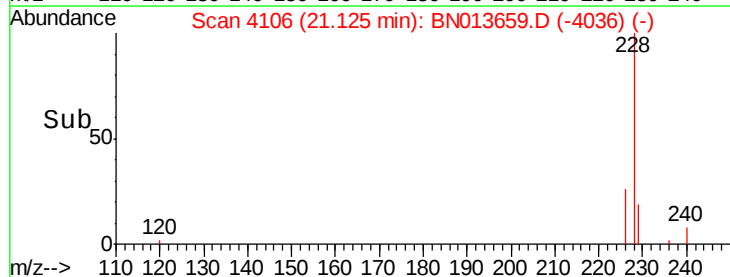
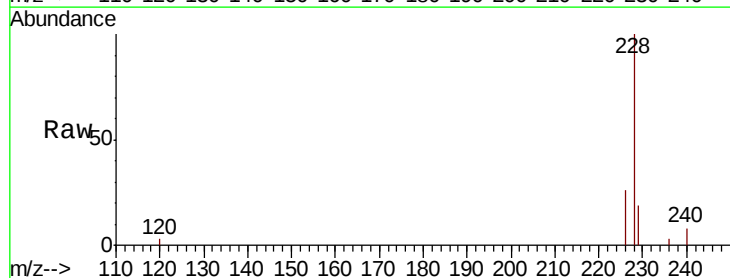
Instrument :
BNA_N
ClientSampleId :
X2Z56

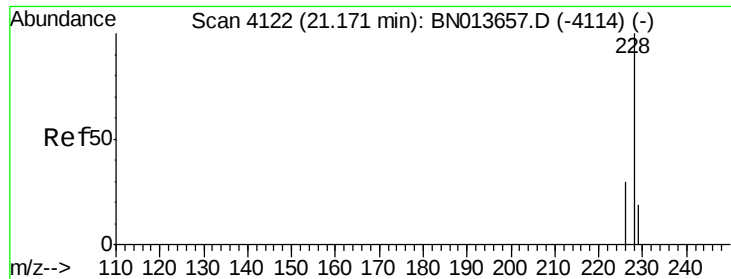
Tot Ion:202 Resp: 19126
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 11.0 8.6 13.0



#21
Benzo(a)anthracene
Concen: 0.656 ng/ul
RT: 21.12 min Scan# 4106
Delta R.T. 0.00 min
Lab File: BN013659.D
Acq: 17 Feb 2021 12:19

Tgt Ion:228 Resp: 25989
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 26.4 21.6 32.4





#22

Chrysene

Concen: 0.338 ng/ul

RT: 21.17 min Scan# 4123

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

Instrument :

BNA_N

ClientSampleId :

X2Z56

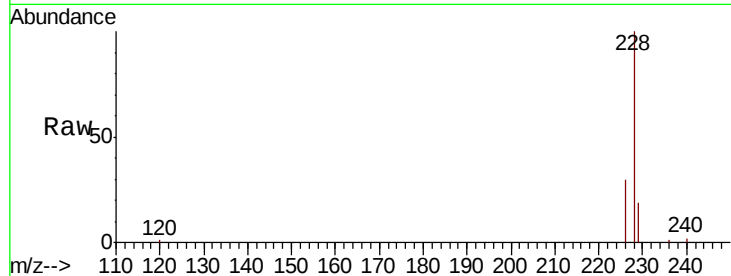
Tot Ion:228 Resp: 16599

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

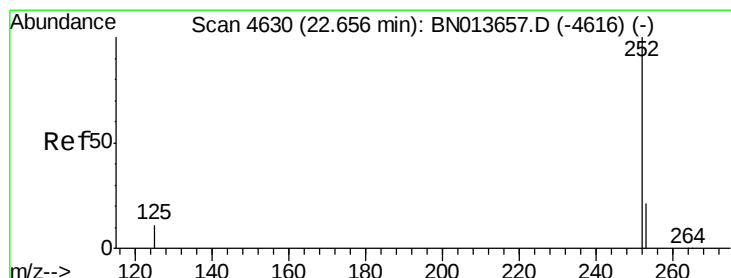
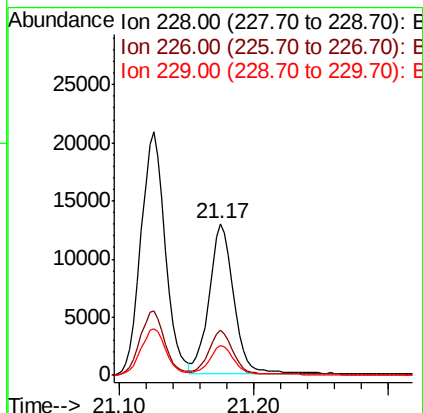
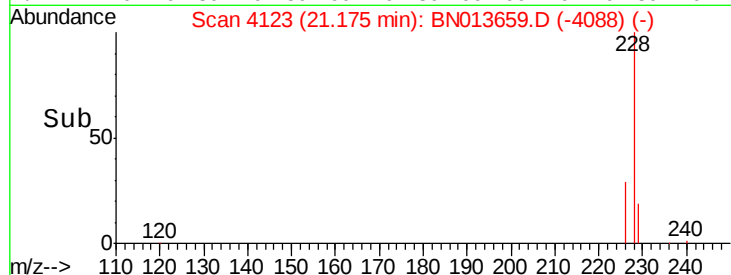
229 19.4 15.8 23.8



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



#24

Benzo(b)fluoranthene

Concen: 0.287 ng/ul

RT: 22.66 min Scan# 4632

Delta R.T. 0.01 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

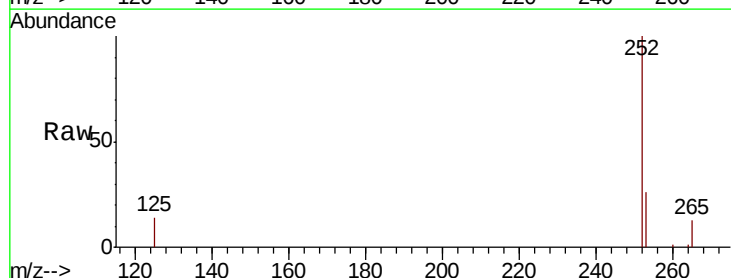
Tgt Ion:252 Resp: 14157

Ion Ratio Lower Upper

252 100

253 26.5 0.0 46.6

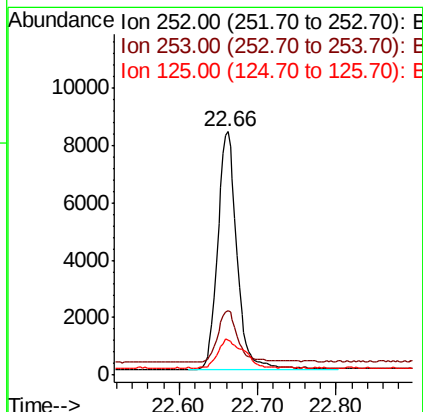
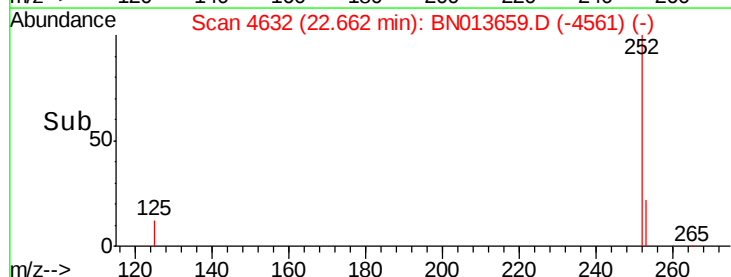
125 14.4 0.0 27.2

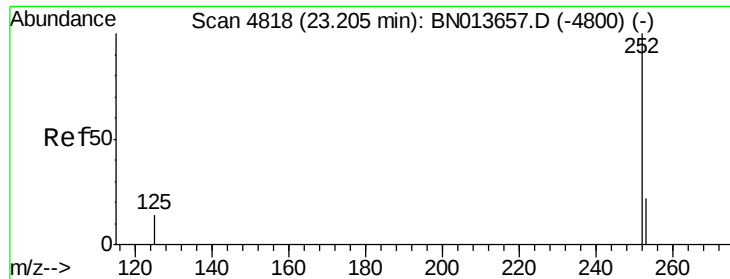


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.478 ng/ul

RT: 23.21 min Scan# 4820

Delta R.T. 0.01 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

Instrument :

BNA_N

ClientSampleId :

X2Z56

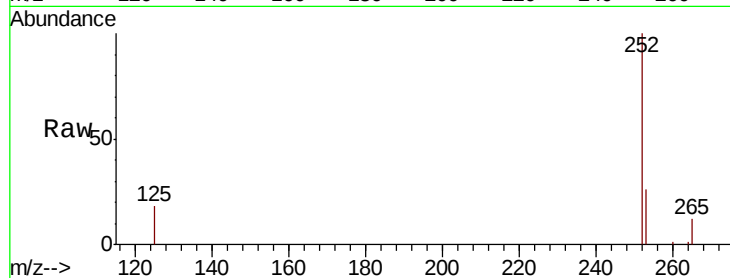
Tot Ion:252 Resp: 18535

Ion Ratio Lower Upper

252 100

253 26.5 19.8 29.8

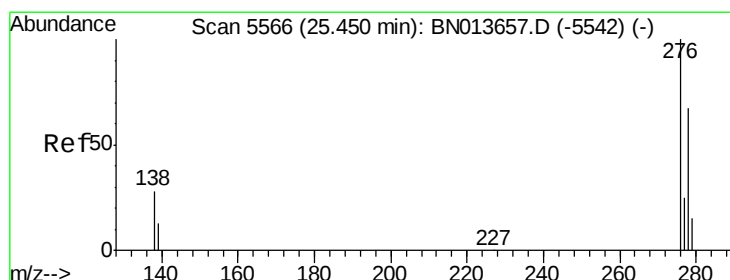
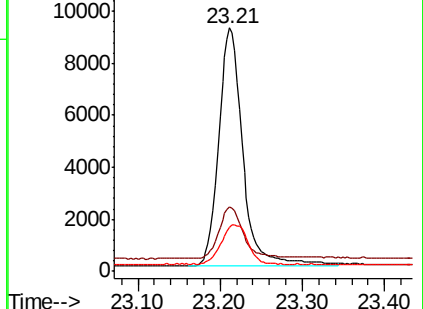
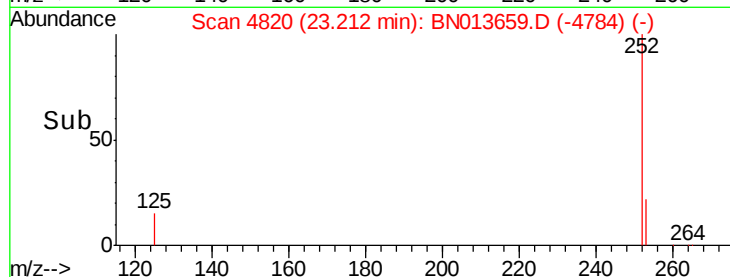
125 17.8 13.1 19.7



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.329 ng/ul

RT: 25.45 min Scan# 5567

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

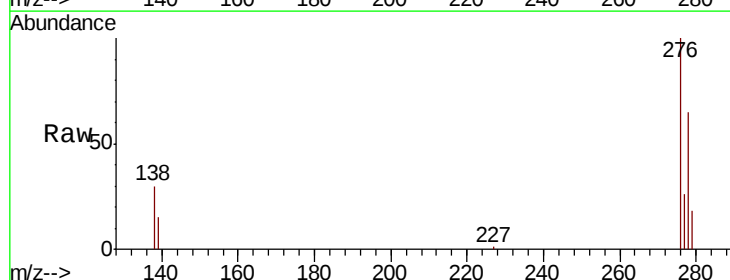
Tgt Ion:276 Resp: 17928

Ion Ratio Lower Upper

276 100

138 29.4 17.2 25.8#

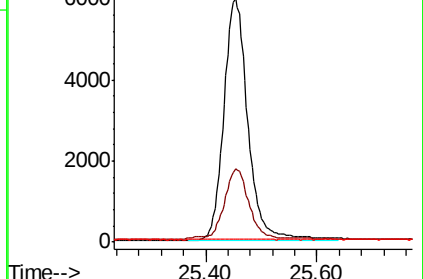
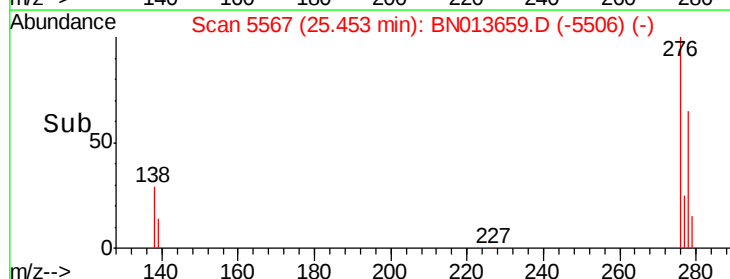
227 0.0 0.0 0.0#

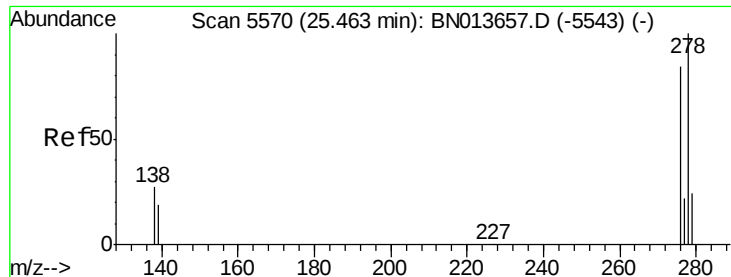


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#28

Dibenzo(a,h)anthracene

Concen: 0.346 ng/ul

RT: 25.47 min Scan# 5571

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

Instrument :

BNA_N

ClientSampleId :

X2Z56

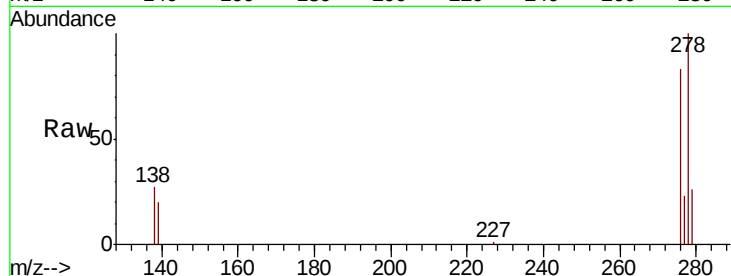
Tot Ion:278 Resp: 15361

Ion Ratio Lower Upper

278 100

139 20.1 16.2 24.2

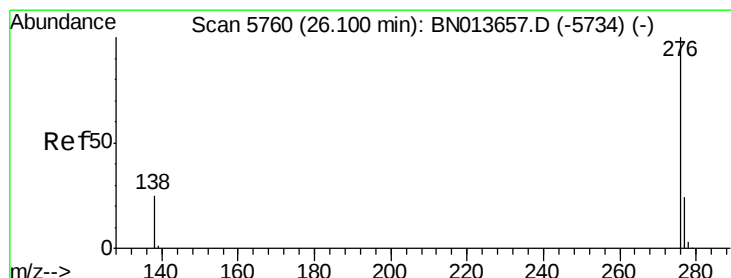
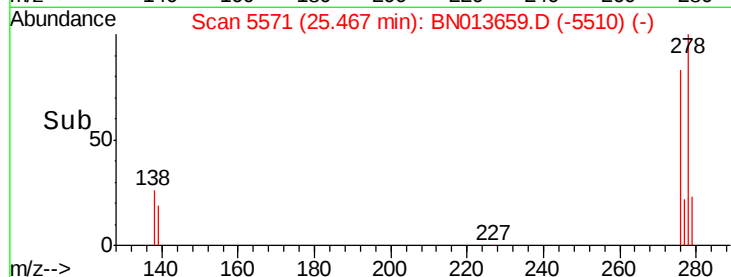
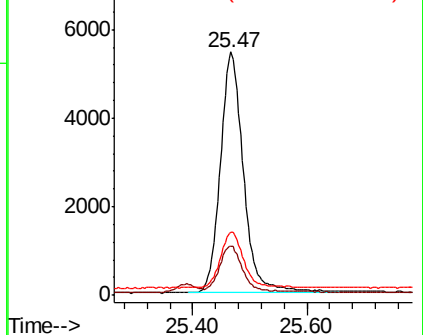
279 26.0 20.3 30.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#29

Benzo(g,h,i)perylene

Concen: 0.387 ng/ul

RT: 26.10 min Scan# 5761

Delta R.T. 0.00 min

Lab File: BN013659.D

Acq: 17 Feb 2021 12:19

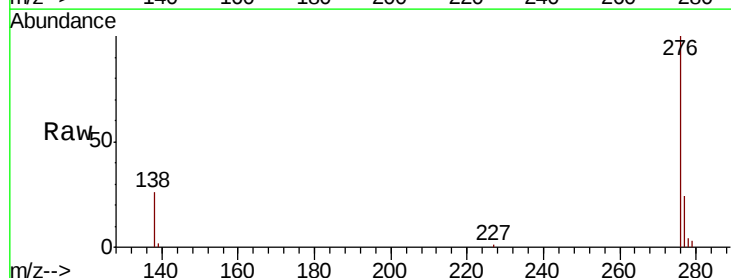
Tgt Ion:276 Resp: 18638

Ion Ratio Lower Upper

276 100

138 26.5 20.2 30.2

277 24.4 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

