

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012821\
 Data File : BN013526.D
 Acq On : 28 Jan 2021 13:57
 Operator : CG/JU
 Sample : M1203-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2Y85

Quant Time: Jan 28 14:38:18 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 : Thu Jan 28 11:56:28 2021
 Response via : Initial Calibration

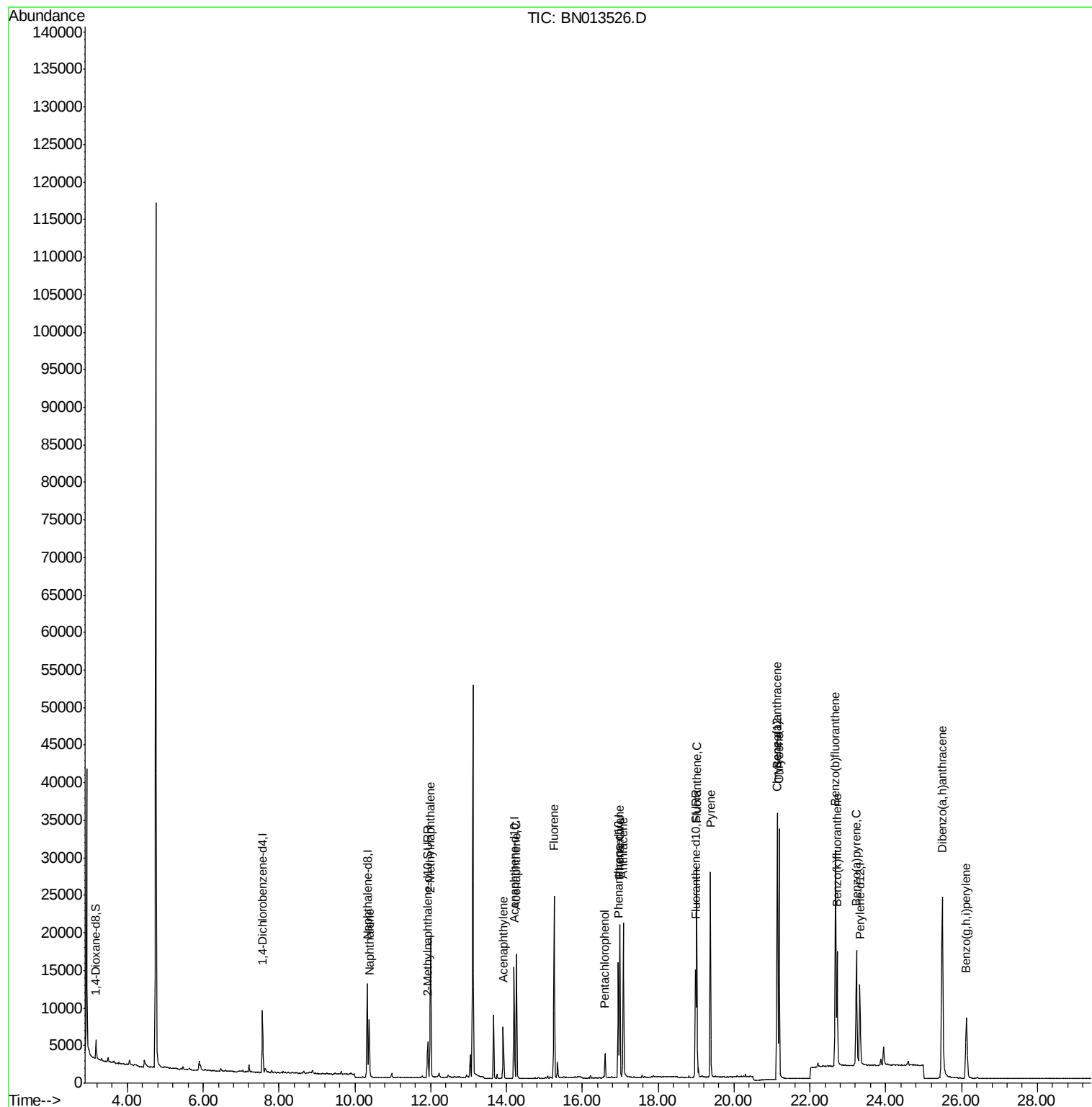
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4024	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	15252	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	8062	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	17666	0.40	ng/ul	0.00
17) Chrysene-d12	21.15	240	15733	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	13555	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	1756	0.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	6359	0.28	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	16132	0.34	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.38	128	10478	0.244	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	13757	0.477	ng/ul	100
10) Acenaphthylene	13.92	152	8230	0.243	ng/ul	99
11) Acenaphthene	14.26	153	9424	0.324	ng/ul	99
12) Fluorene	15.25	166	15694	0.486	ng/ul	98
14) Pentachlorophenol	16.60	266	2213	1.037	ng/ul	99
15) Phenanthrene	16.99	178	20903	0.368	ng/ul	99
16) Anthracene	17.08	178	23016	0.499	ng/ul	99
19) Fluoranthene	19.01	202	23740	0.381	ng/ul	98
20) Pyrene	19.38	202	23639	0.378	ng/ul	99
21) Benzo(a)anthracene	21.14	228	27520	0.555	ng/ul	99
22) Chrysene	21.19	228	27411	0.446	ng/ul	99
24) Benzo(b)fluoranthene	22.67	252	34449	0.582	ng/ul	100
25) Benzo(k)fluoranthene	22.72	252	18608	0.302	ng/ul	98
26) Benzo(a)pyrene	23.23	252	22212	0.477	ng/ul	98
28) Dibenzo(a,h)anthracene	25.49	278	36029	0.677	ng/ul	99
29) Benzo(g,h,i)perylene	26.13	276	15797	0.273	ng/ul	98

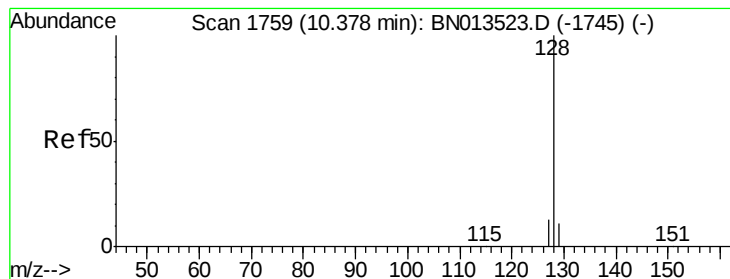
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.244 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

BNA_N

ClientSampleId :

X2Y85

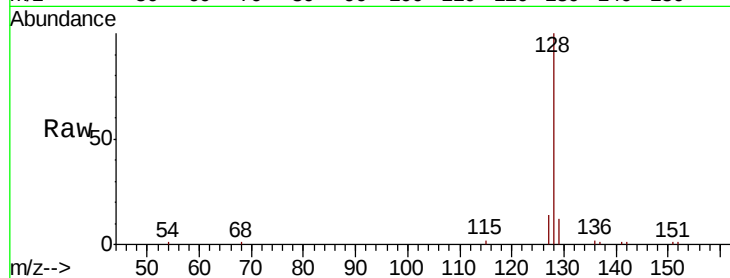
Tot Ion:128 Resp: 10478

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

127 13.8 10.7 16.1

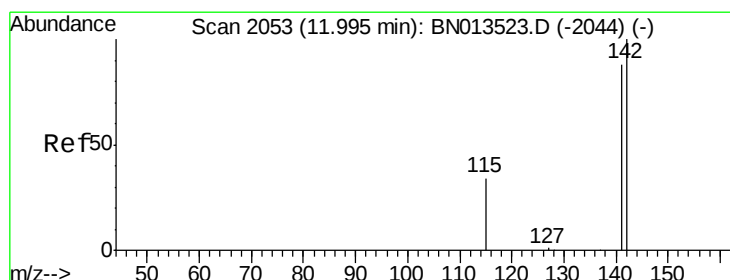
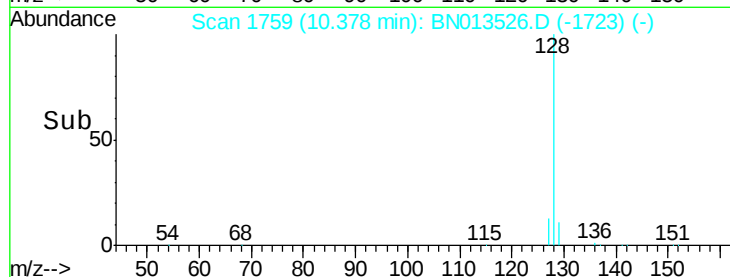
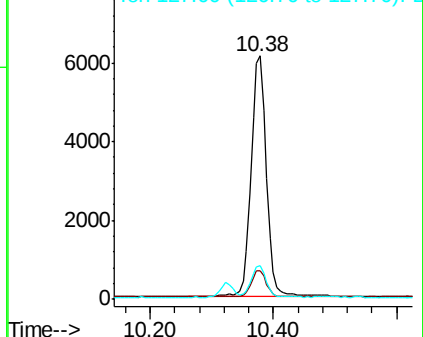


Abundance

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: 0.477 ng/ul

RT: 12.00 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BN013526.D

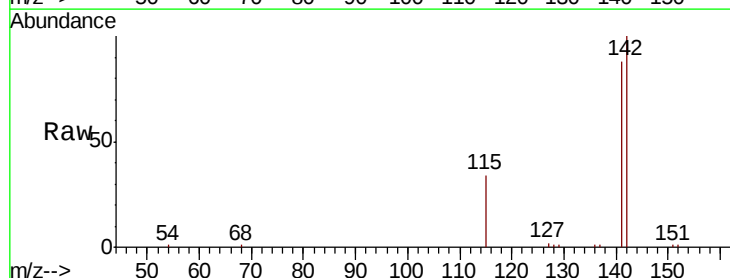
Acq: 28 Jan 2021 13:57

Tgt Ion:142 Resp: 13757

Ion Ratio Lower Upper

142 100

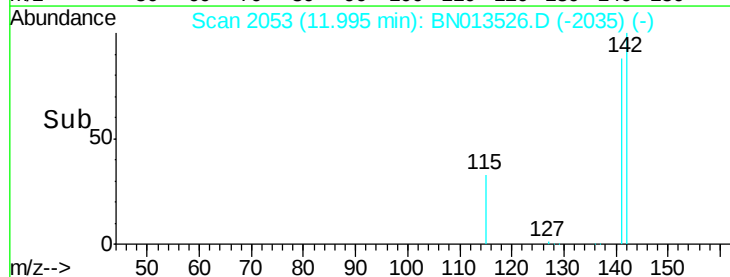
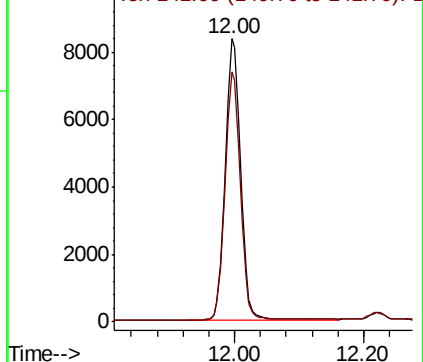
141 88.6 70.9 106.3

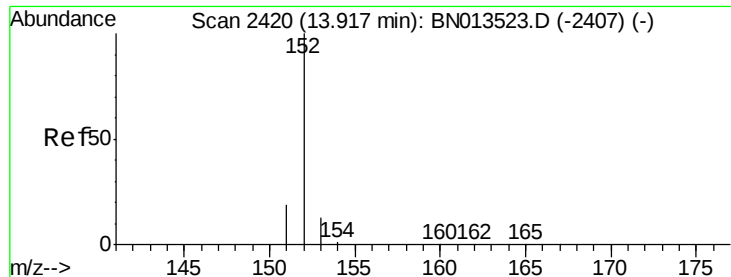


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.243 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

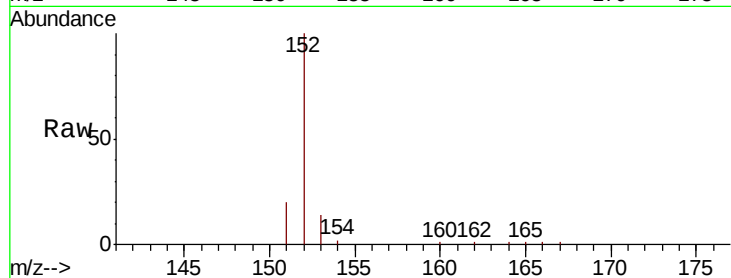
BNA_N

ClientSampleId :

X2Y85

Tot Ion:152 Resp: 8230

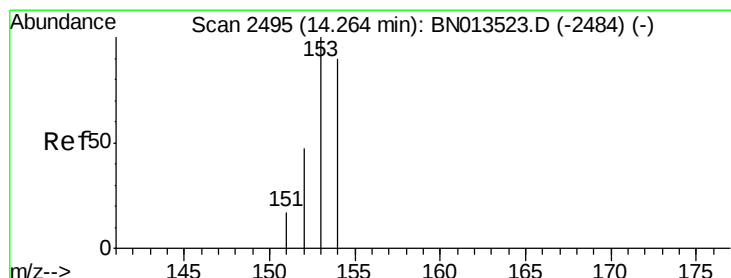
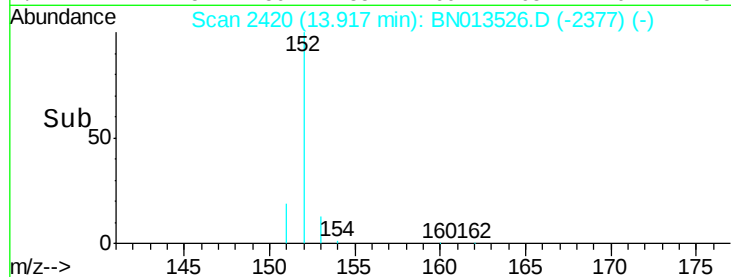
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.5	10.7	16.1



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: 0.324 ng/ul

RT: 14.26 min Scan# 2495

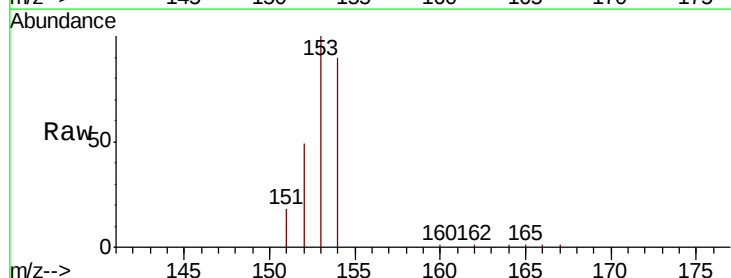
Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Tgt Ion:153 Resp: 9424

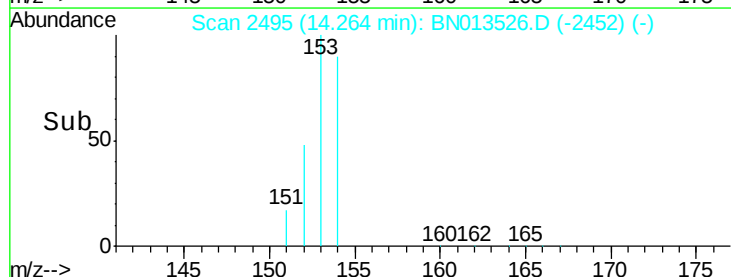
Ion	Ratio	Lower	Upper
153	100		
152	49.0	38.9	58.3
154	90.0	71.0	106.6

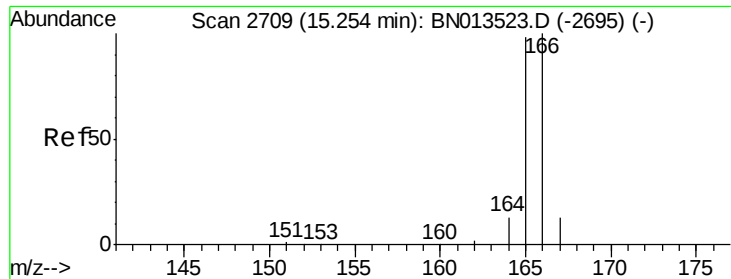


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Fluorene

Concen: 0.486 ng/ul

RT: 15.25 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

BNA_N

ClientSampleId :

X2Y85

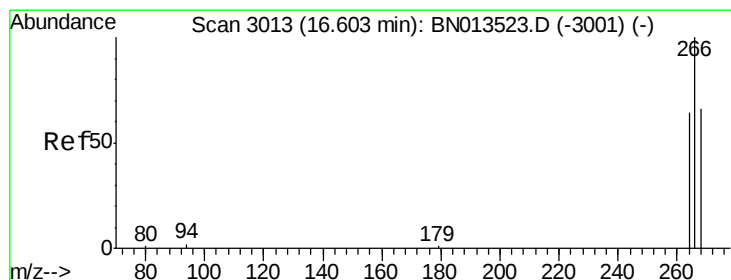
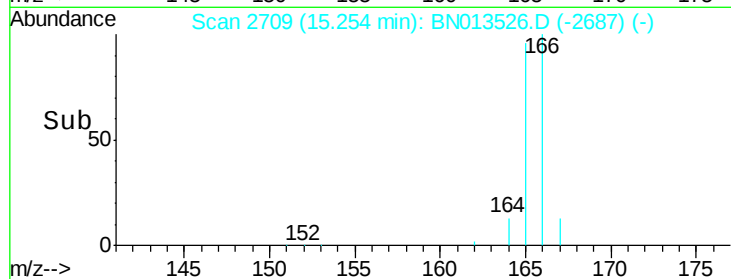
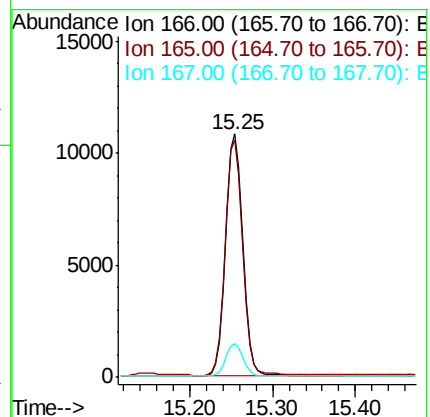
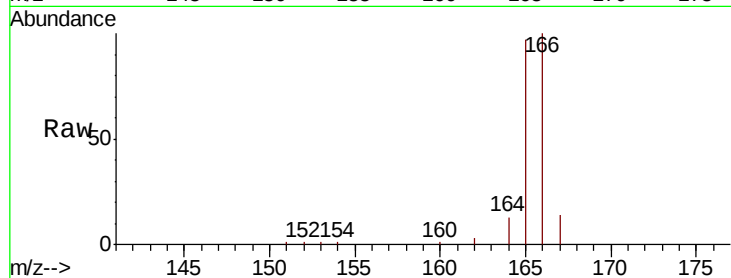
Tot Ion:166 Resp: 15694

Ion Ratio Lower Upper

166 100

165 97.4 76.1 114.1

167 13.6 11.0 16.6



#14

Pentachlorophenol

Concen: 1.037 ng/ul

RT: 16.60 min Scan# 3013

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

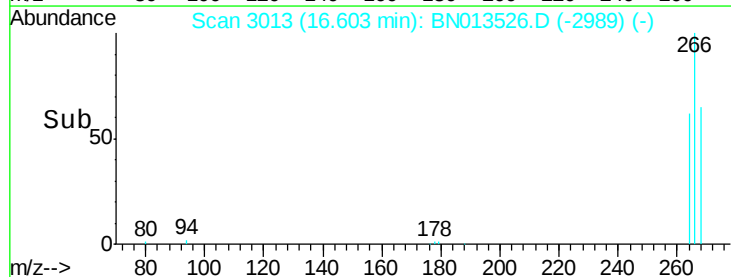
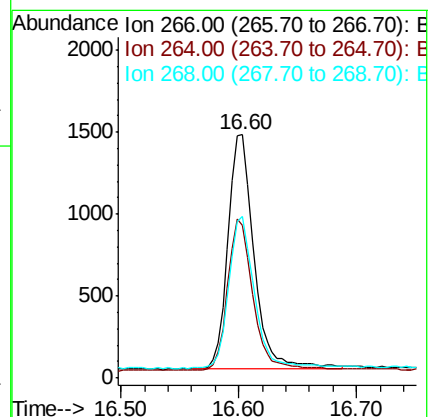
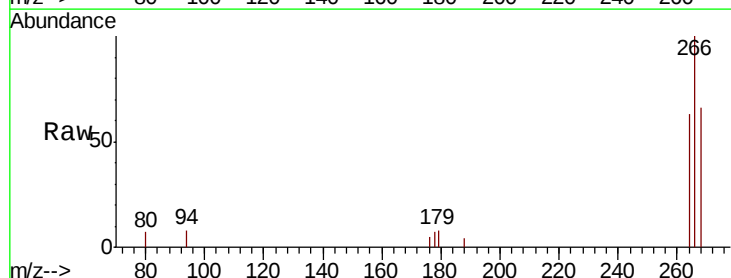
Tgt Ion:266 Resp: 2213

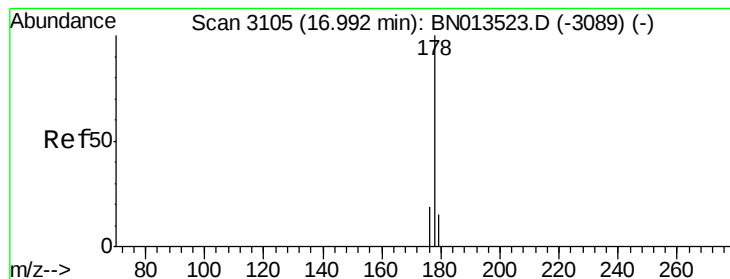
Ion Ratio Lower Upper

266 100

264 63.2 50.0 75.0

268 64.5 52.6 79.0





#15

Phenanthrene

Concen: 0.368 ng/ul

RT: 16.99 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

BNA_N

ClientSampleId :

X2Y85

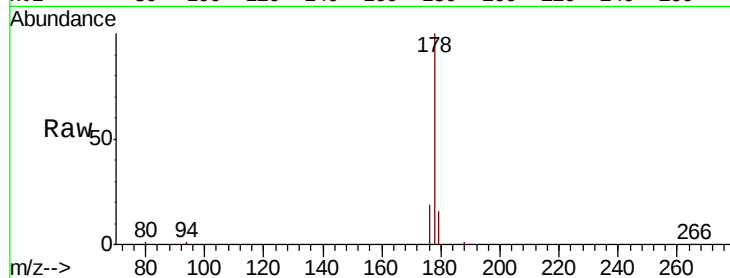
Tot Ion:178 Resp: 20903

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

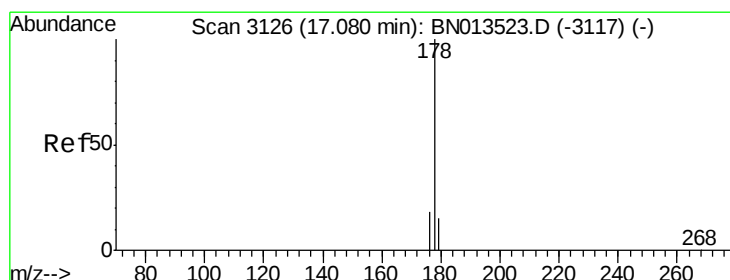
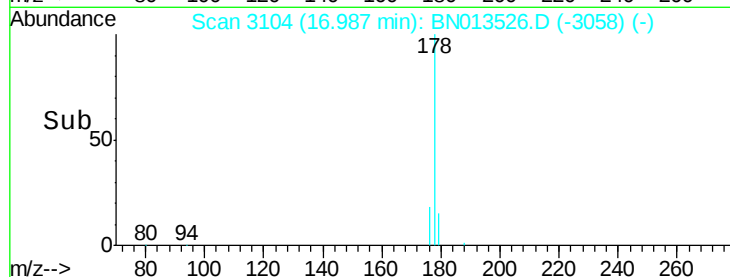
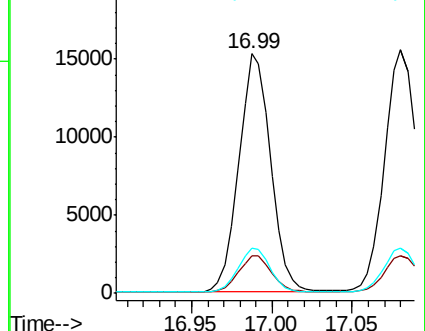
176 18.8 15.4 23.0



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



#16

Anthracene

Concen: 0.499 ng/ul

RT: 17.08 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

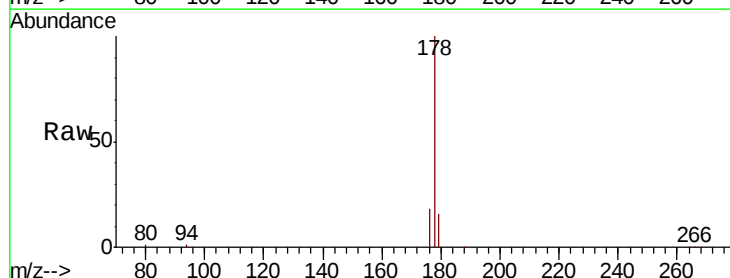
Tgt Ion:178 Resp: 23016

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

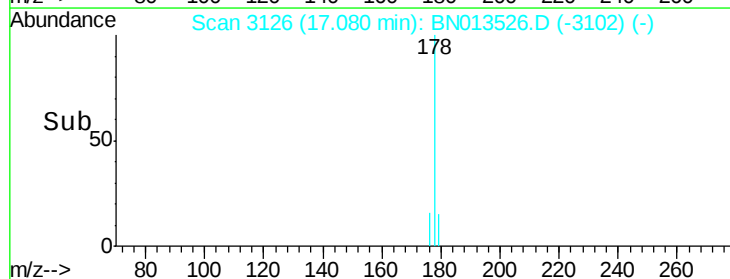
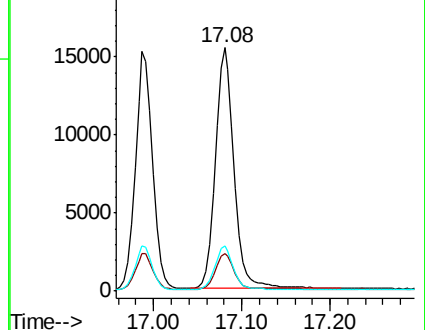
176 18.4 14.4 21.6

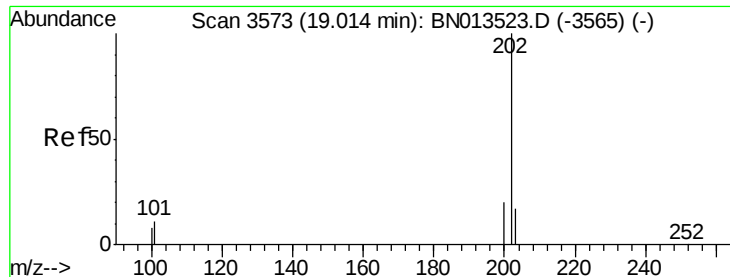


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#19

Fluoranthene

Concen: 0.381 ng/ul

RT: 19.01 min Scan# 3573

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

BNA_N

ClientSampleId :

X2Y85

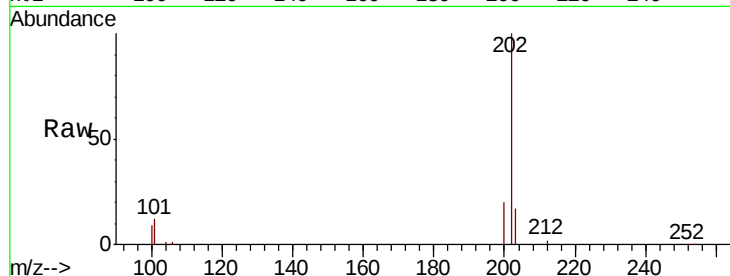
Tot Ion:202 Resp: 23740

Ion Ratio Lower Upper

202 100

101 12.1 8.9 13.3

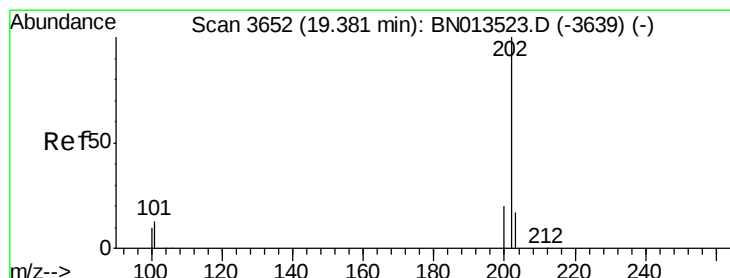
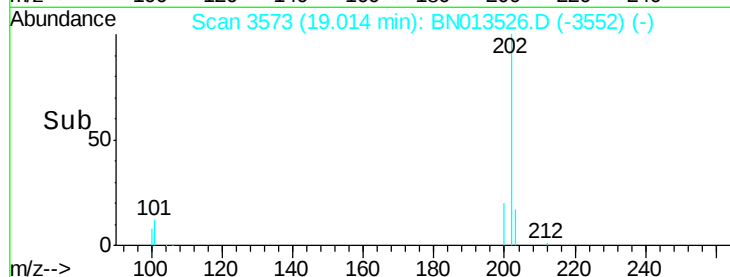
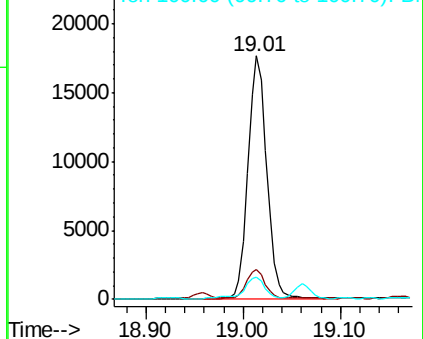
100 8.9 6.6 10.0



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



#20

Pyrene

Concen: 0.378 ng/ul

RT: 19.38 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

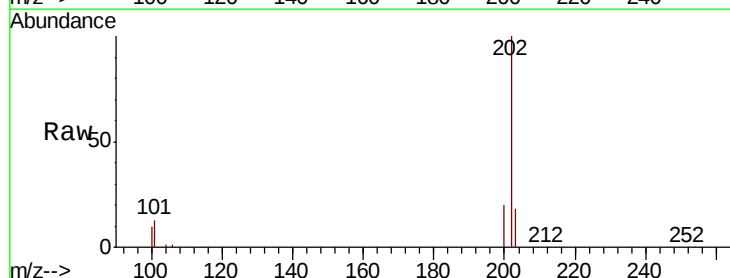
Tgt Ion:202 Resp: 23639

Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

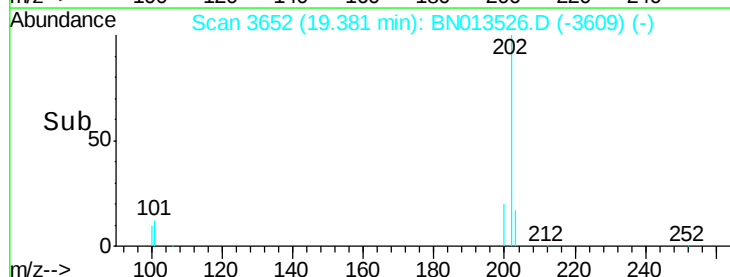
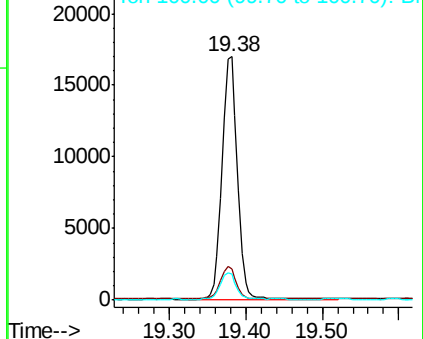
100 10.4 8.6 13.0

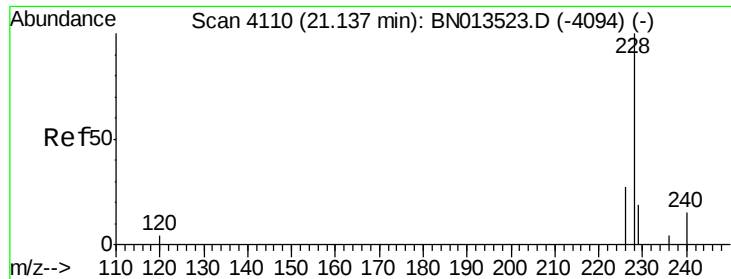


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.555 ng/ul

RT: 21.14 min Scan# 4110

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

BNA_N

ClientSampleId :

X2Y85

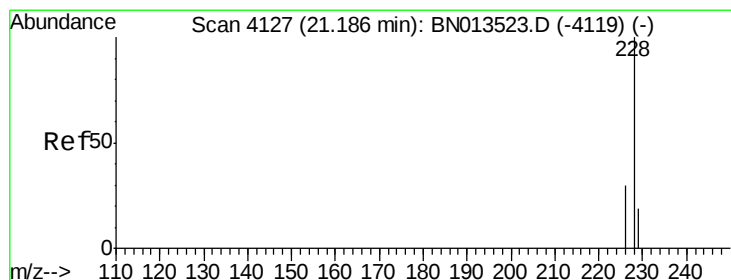
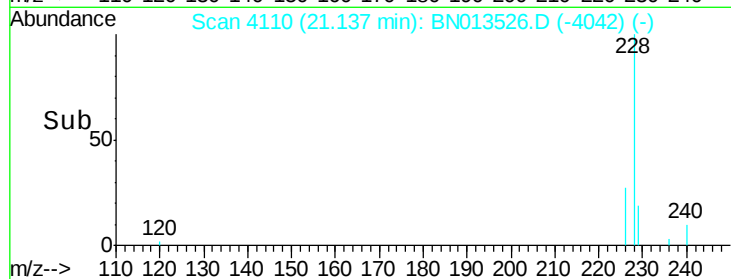
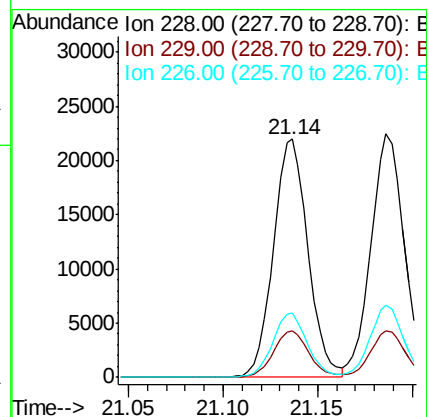
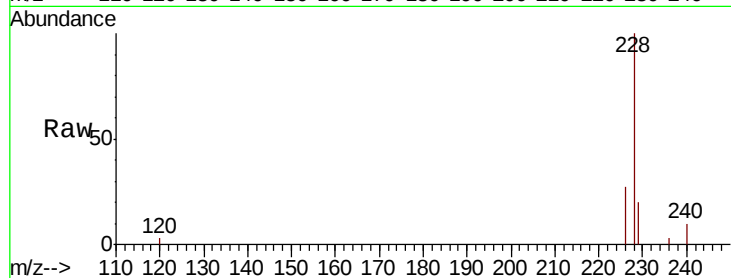
Tot Ion:228 Resp: 27520

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.3 21.6 32.4



#22

Chrysene

Concen: 0.446 ng/ul

RT: 21.19 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

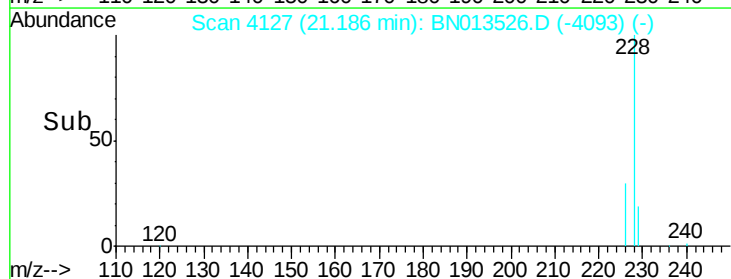
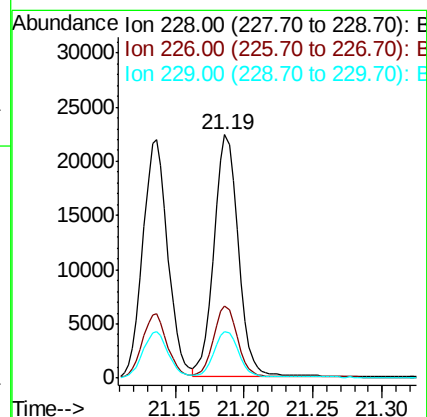
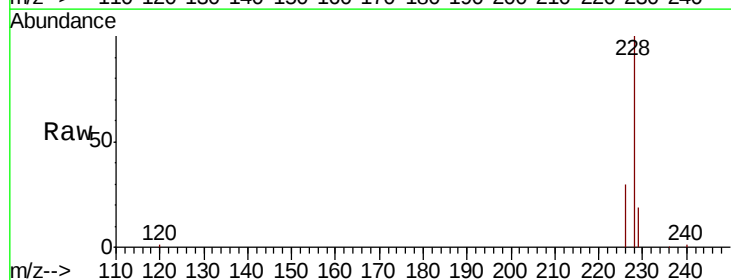
Tgt Ion:228 Resp: 27411

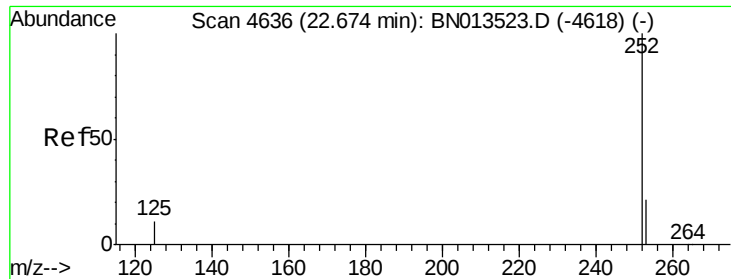
Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.0 15.8 23.8





#24

Benzo(b)fluoranthene

Concen: 0.582 ng/ul

RT: 22.67 min Scan# 4636

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

BNA_N

ClientSampled :

X2Y85

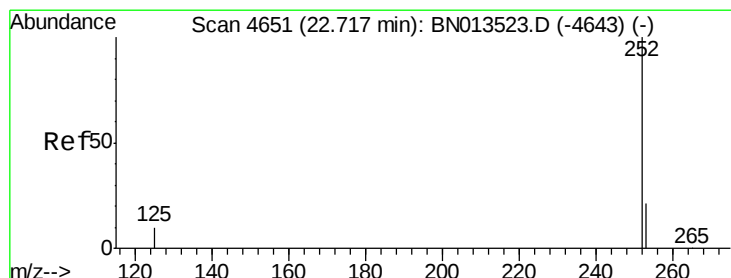
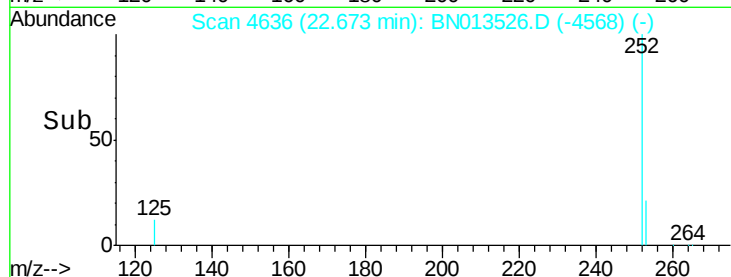
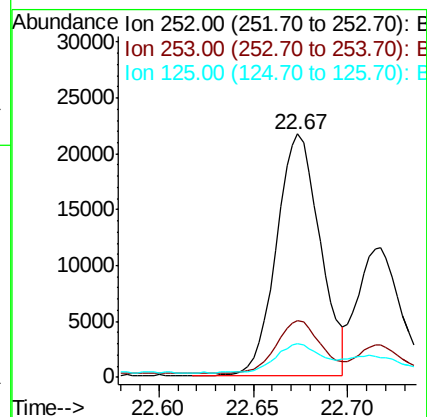
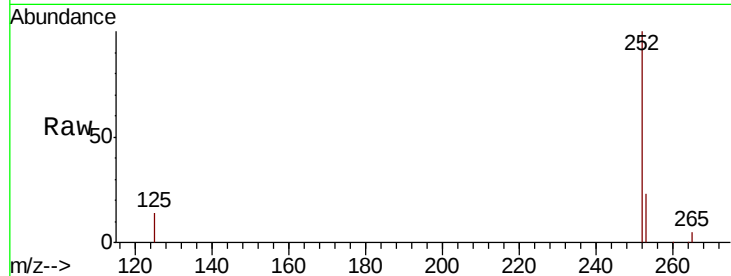
Tot Ion:252 Resp: 34449

Ion Ratio Lower Upper

252 100

253 23.1 0.0 46.6

125 13.6 0.0 27.2



#25

Benzo(k)fluoranthene

Concen: 0.302 ng/ul

RT: 22.72 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

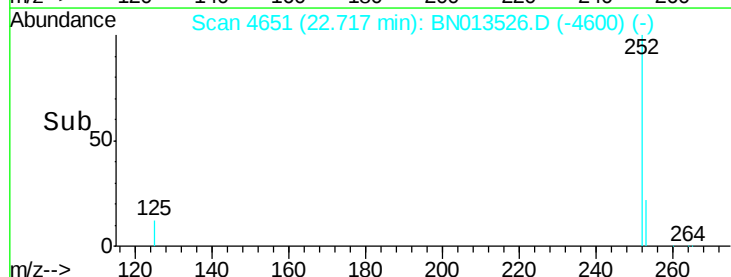
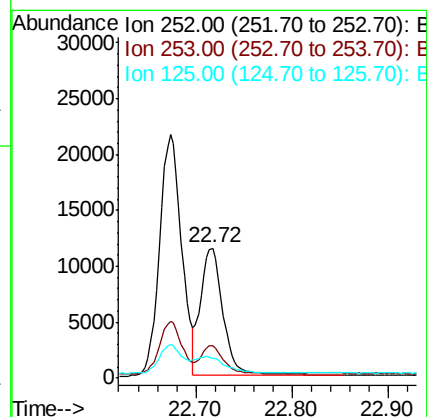
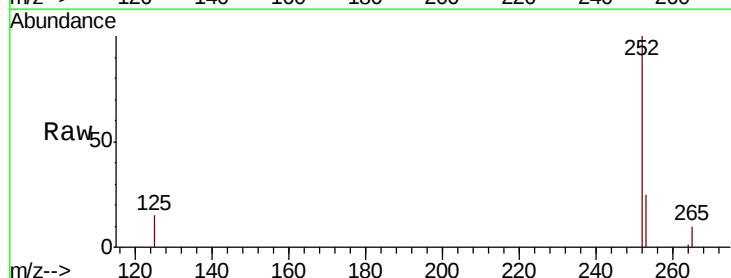
Tgt Ion:252 Resp: 18608

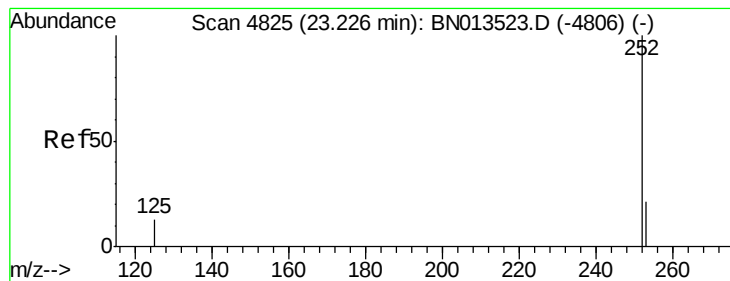
Ion Ratio Lower Upper

252 100

253 24.7 19.0 28.4

125 15.5 11.3 16.9





#26

Benzo(a)pyrene

Concen: 0.477 ng/ul

RT: 23.23 min Scan# 4825

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

BNA_N

ClientSampleId :

X2Y85

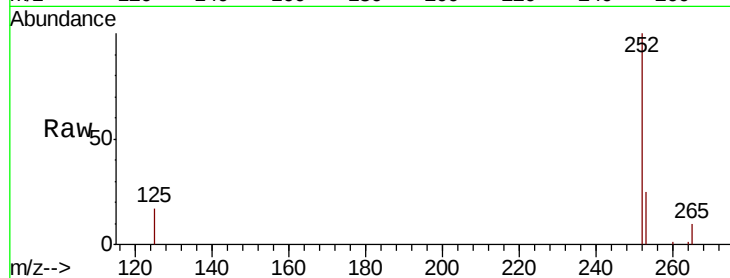
Tot Ion:252 Resp: 22212

Ion Ratio Lower Upper

252 100

253 25.3 19.8 29.8

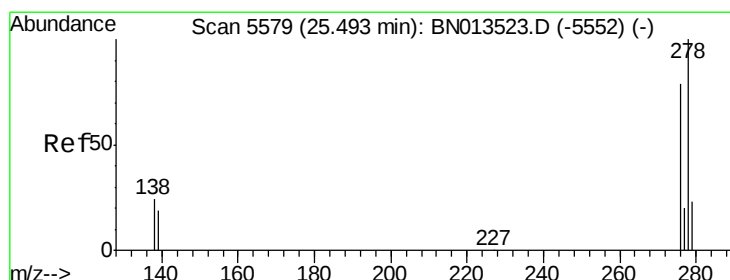
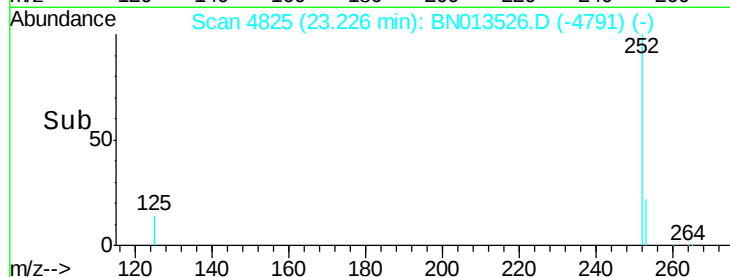
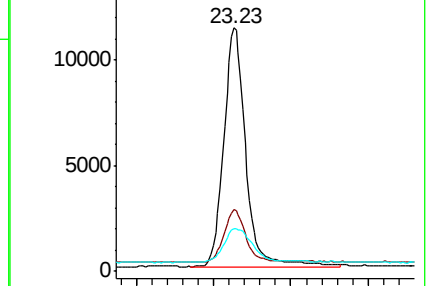
125 17.4 13.1 19.7



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



#28

Dibenzo(a,h)anthracene

Concen: 0.677 ng/ul

RT: 25.49 min Scan# 5578

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

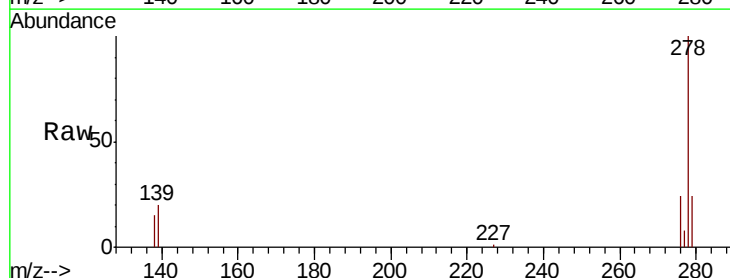
Tgt Ion:278 Resp: 36029

Ion Ratio Lower Upper

278 100

139 20.0 16.2 24.2

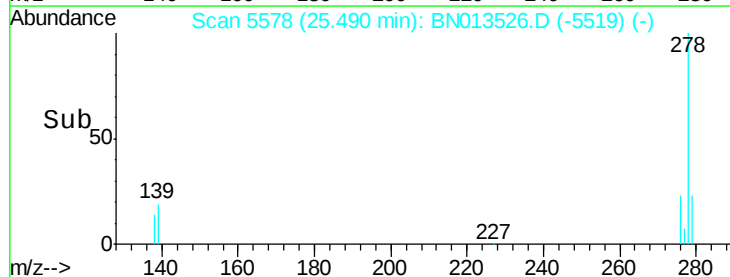
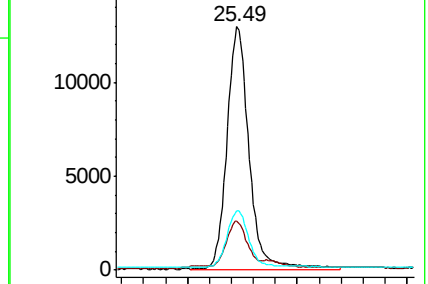
279 24.2 20.3 30.5

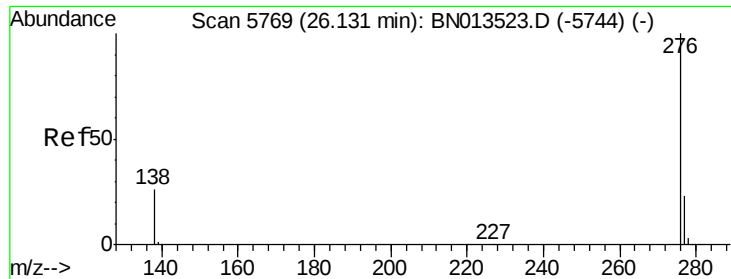


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 0.273 ng/ul

RT: 26.13 min Scan# 5768

Delta R.T. -0.00 min

Lab File: BN013526.D

Acq: 28 Jan 2021 13:57

Instrument :

BNA_N

ClientSampleId :

X2Y85

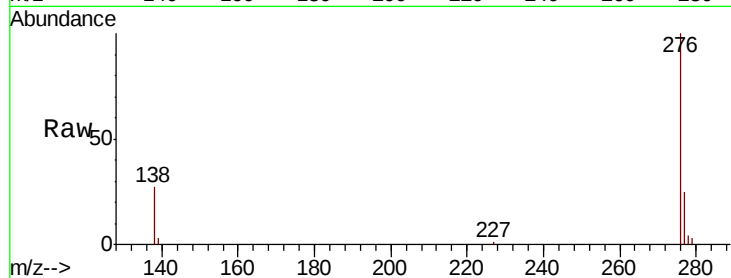
Tot Ion:276 Resp: 15797

Ion Ratio Lower Upper

276 100

138 26.9 20.2 30.2

277 24.7 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

