

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012244.D
 Acq On : 15 Oct 2020 22:49
 Operator : CG/JU
 Sample : L4235-10
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 01:28:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:19:50 2020
 Response via : Initial Calibration

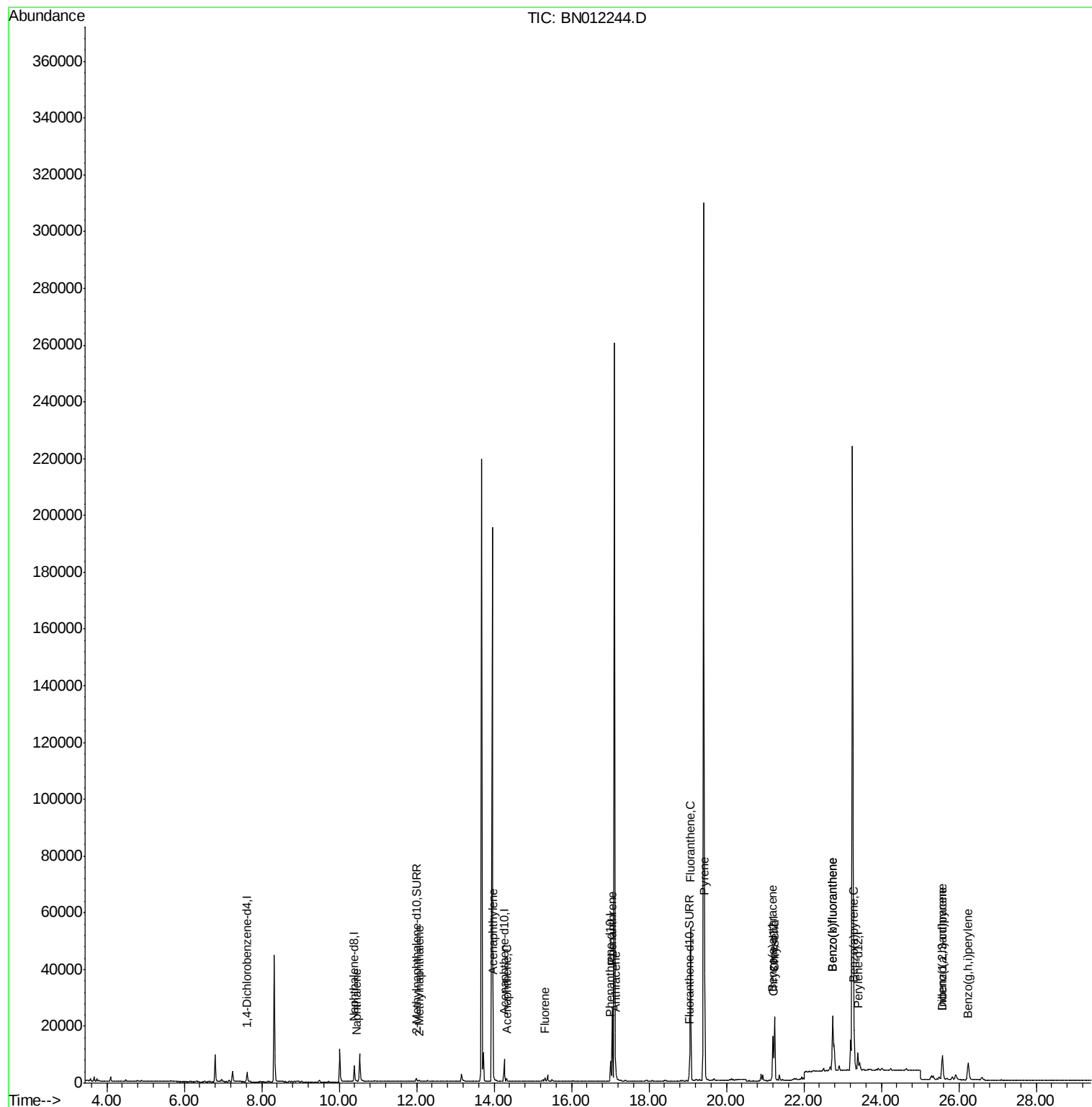
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1703	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7035	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4101	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8461	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7316	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7479	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1524	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3356	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	544	0.027	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	304	0.024	ng/ul	100
7) Acenaphthylene	13.98	152	783	0.044	ng/ul#	83
8) Acenaphthene	14.32	153	665	0.044	ng/ul	95
9) Fluorene	15.31	166	875	0.052	ng/ul#	97
12) Phenanthrene	17.05	178	25762	0.955	ng/ul	98
13) Anthracene	17.14	178	2294	0.099	ng/ul#	91
15) Fluoranthene	19.07	202	46207	1.465	ng/ul	97
17) Pyrene	19.44	202	35603	1.079	ng/ul	99
18) Benzo(a)anthracene	21.19	228	11907	0.439	ng/ul	98
19) Chrysene	21.24	228	23012	0.697	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	39277	1.300	ng/ul	94
22) Benzo(k)fluoranthene	22.74	252	39277	1.175	ng/ul	94
23) Benzo(a)pyrene	23.30	252	15518	0.528	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.57	276	13353	0.354	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3223	0.107	ng/ul#	77
26) Benzo(a,h,i)perylene	26.24	276	12010	0.347	ng/ul	98

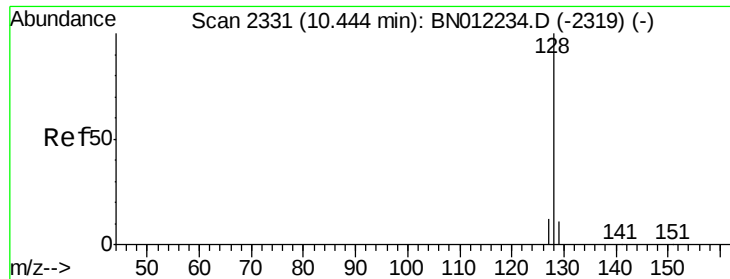
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

Instrument :

BNA_N

ClientSampleId :

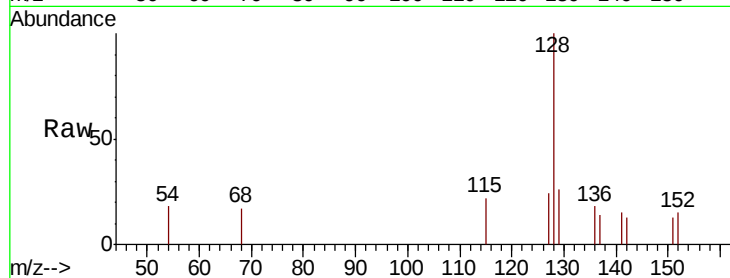
Tot Ion:128 Resp: 544

Ion Ratio Lower Upper

128 100

129 25.6 10.3 15.5#

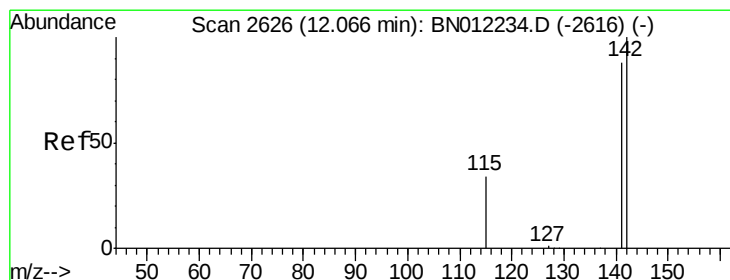
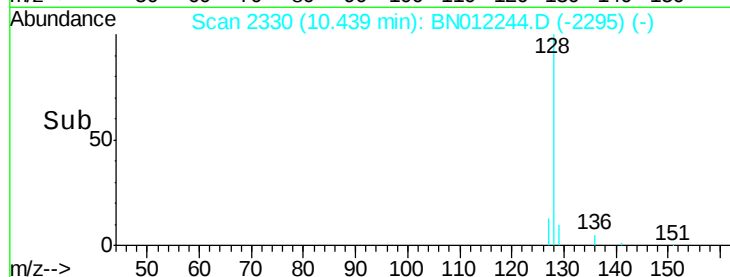
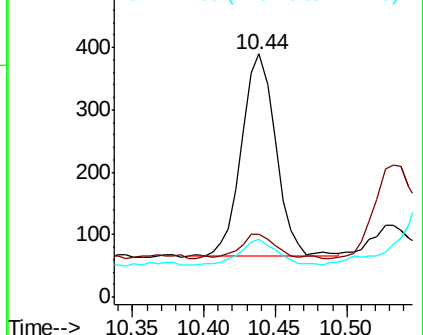
127 23.8 11.9 17.9#



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: 0.024 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. 0.00 min

Lab File: BN012244.D

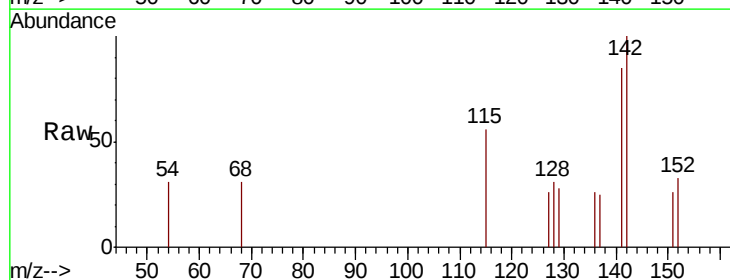
Acq: 15 Oct 2020 22:49

Tgt Ion:142 Resp: 304

Ion Ratio Lower Upper

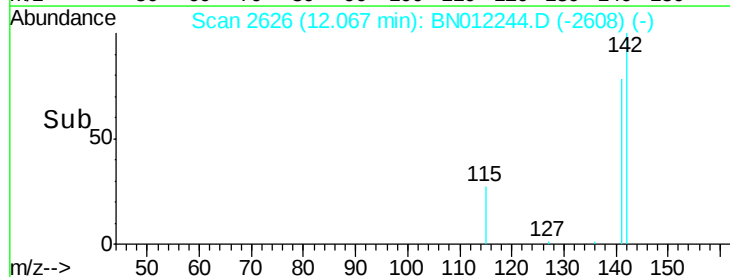
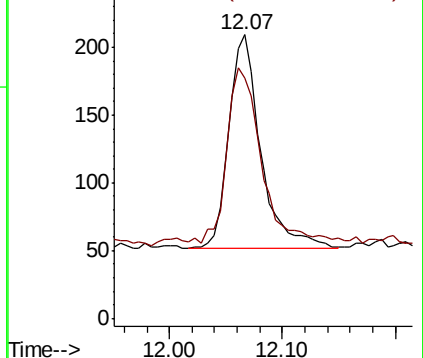
142 100

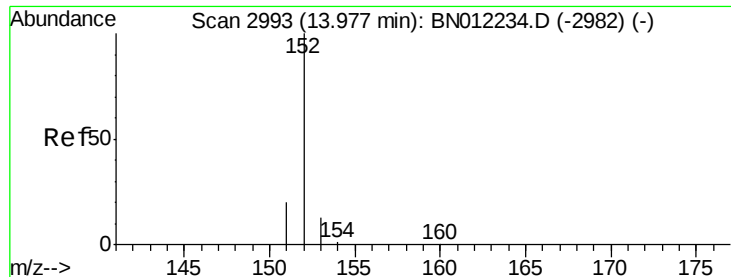
141 89.5 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

Instrument :

BNA_N

ClientSampleId :

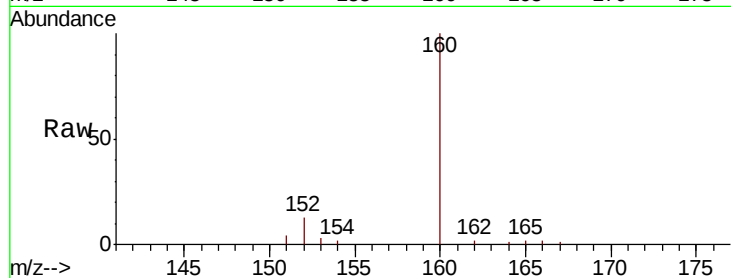
Tot Ion:152 Resp: 783

Ion Ratio Lower Upper

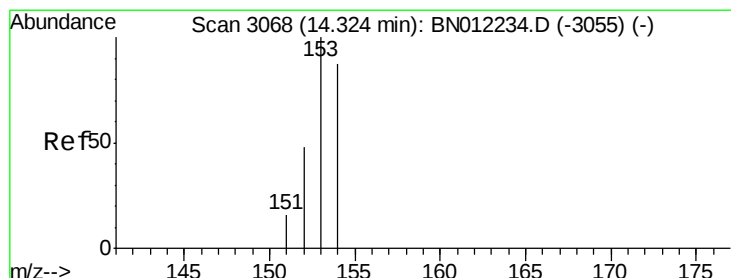
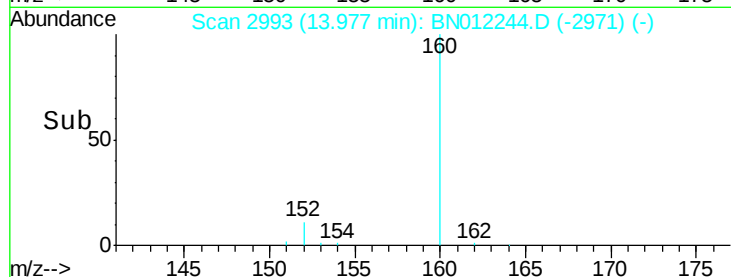
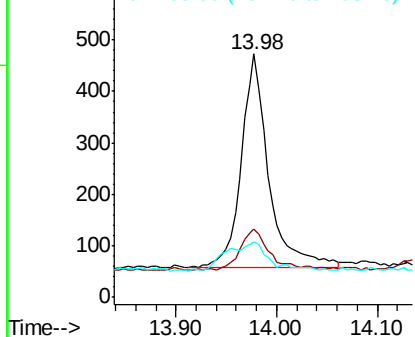
152 100

151 28.1 16.7 25.1#

153 22.6 11.8 17.8#



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: 0.044 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

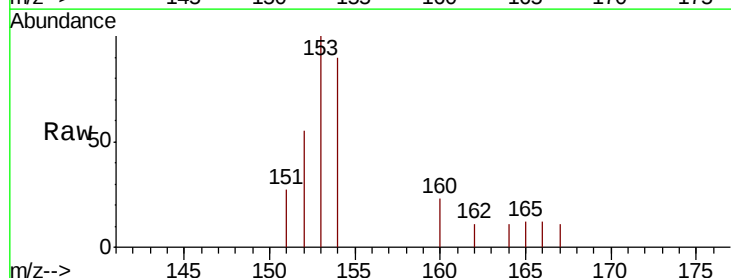
Tgt Ion:153 Resp: 665

Ion Ratio Lower Upper

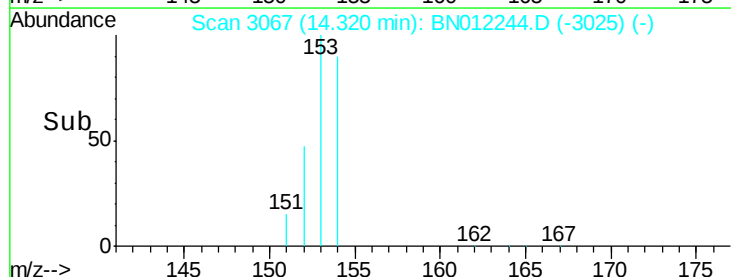
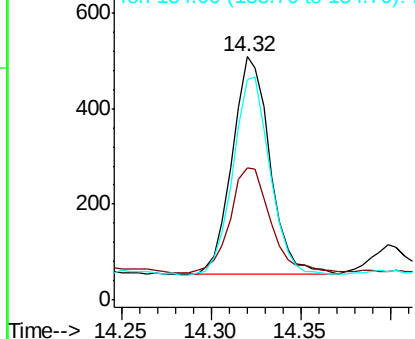
153 100

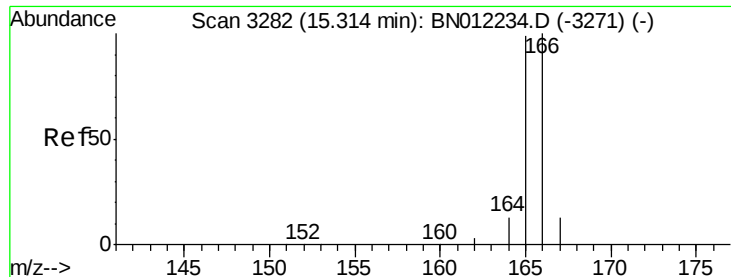
152 54.5 38.2 57.2

154 90.4 71.1 106.7



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

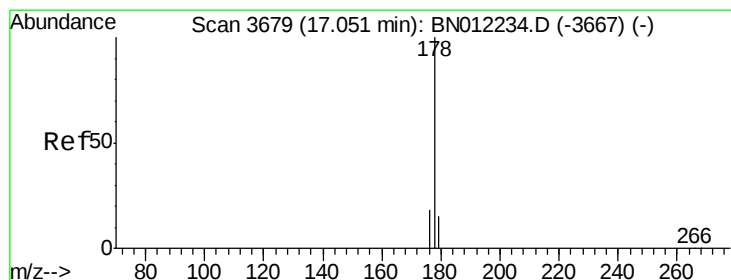
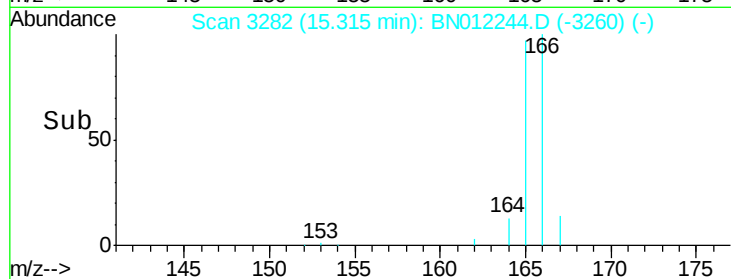
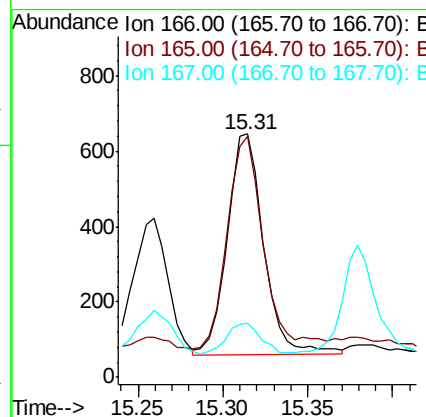
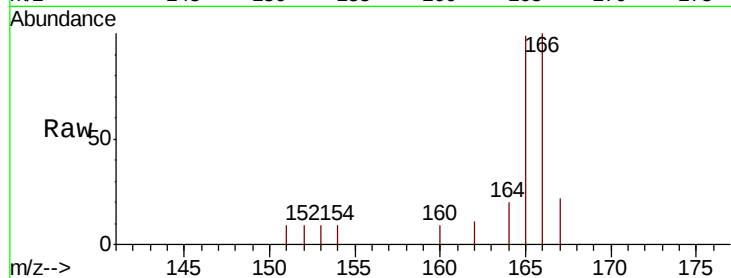




#9
Fluorene
 Concen: 0.052 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

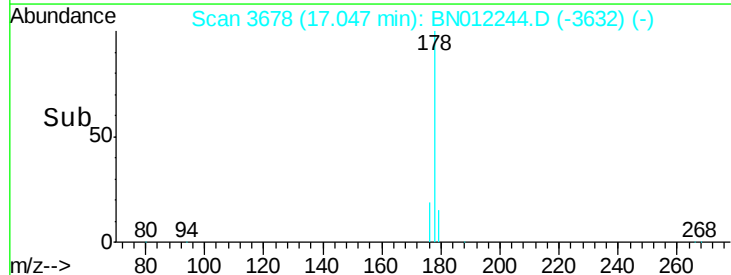
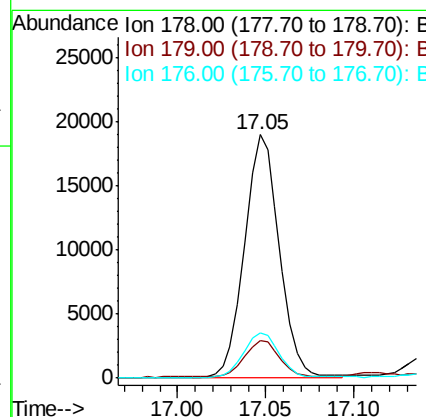
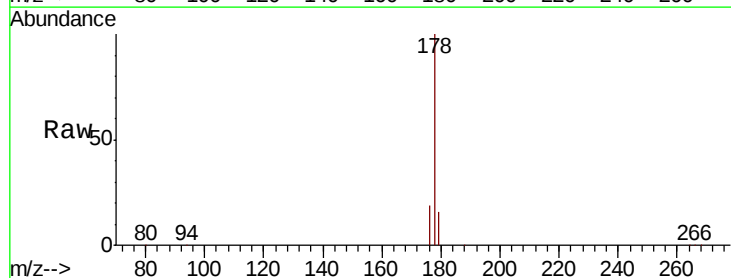
Instrument :
 BNA_N
 ClientSampled :

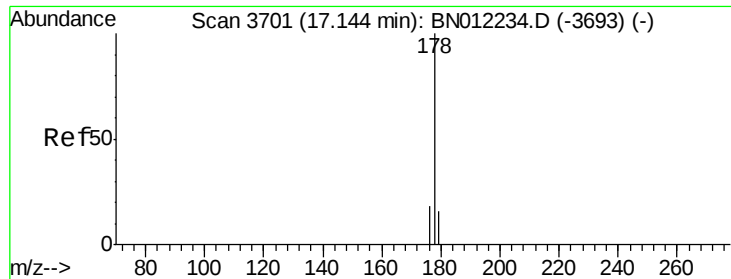
Tot Ion:166 Resp: 875
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.6 118.0
 167 22.1 11.9 17.9#



#12
Phenanthrene
 Concen: 0.955 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion:178 Resp: 25762
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.4 20.2
 176 18.8 15.7 23.5





#13

Anthracene

Concen: 0.099 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

Instrument :

BNA_N

ClientSampleId :

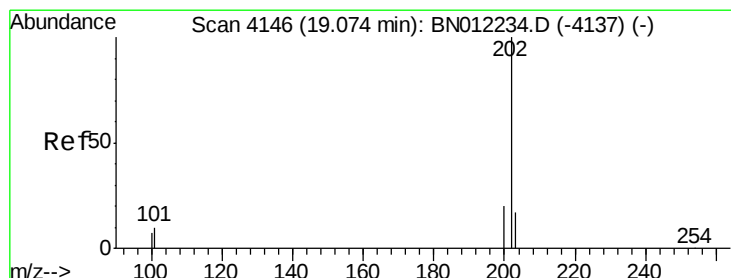
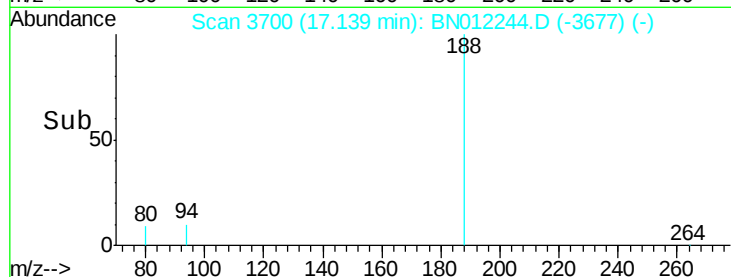
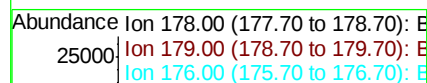
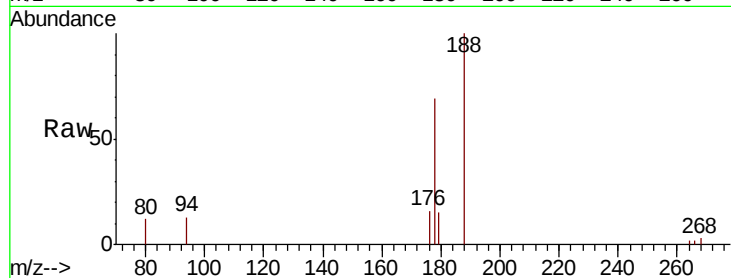
Tot Ion:178 Resp: 2294

Ion Ratio Lower Upper

178 100

179 21.4 13.9 20.9#

176 23.1 15.4 23.0#



#15

Fluoranthene

Concen: 1.465 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

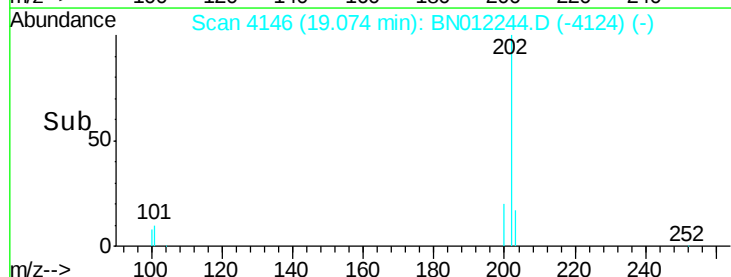
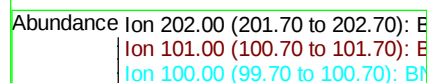
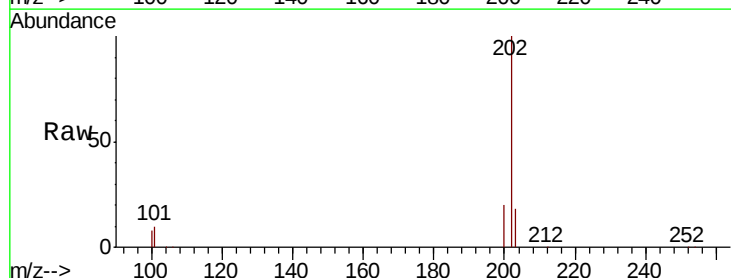
Tgt Ion:202 Resp: 46207

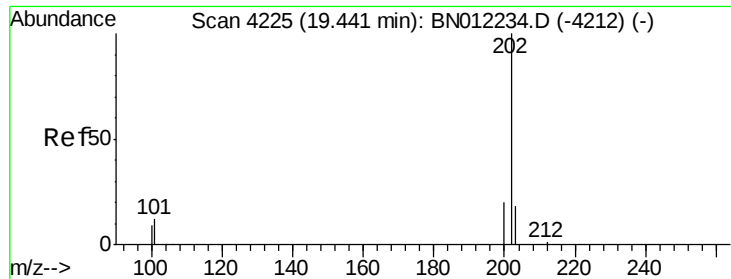
Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.0

100 7.7 0.0 28.7





#17

Pvrene

Concen: 1.079 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

Instrument :

BNA_N

ClientSampleId :

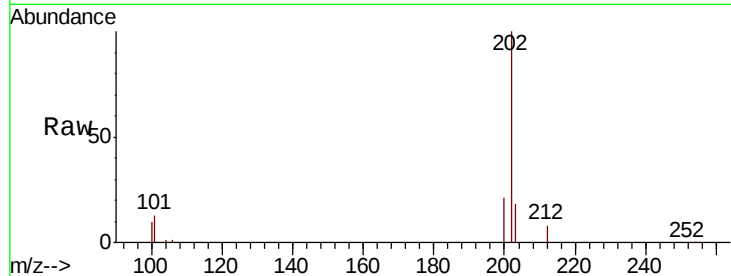
Tot Ion:202 Resp: 35603

Ion Ratio Lower Upper

202 100

101 12.9 9.9 14.9

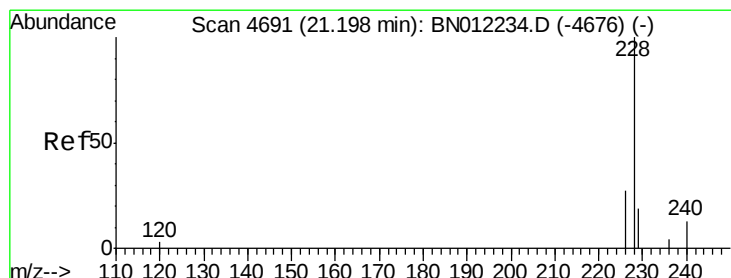
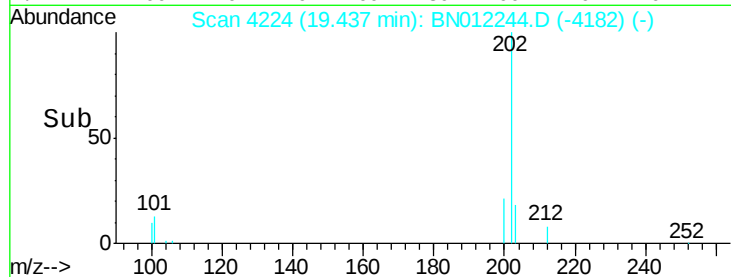
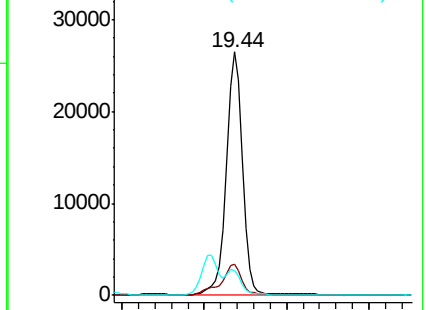
100 10.4 8.0 12.0



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): E



#18

Benzo(a)anthracene

Concen: 0.439 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.01 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

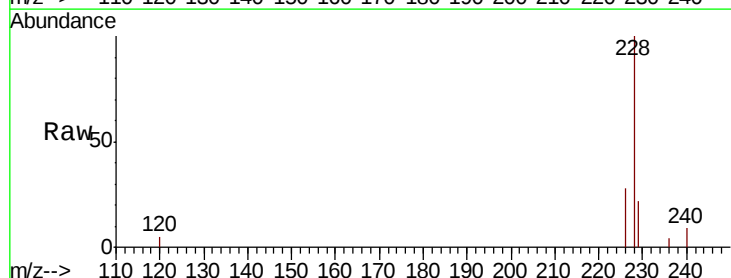
Tgt Ion:228 Resp: 11907

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.8

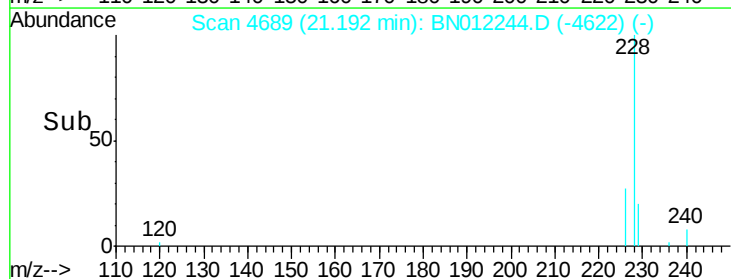
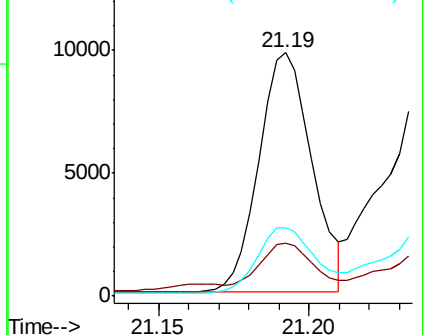
226 28.3 22.6 33.8

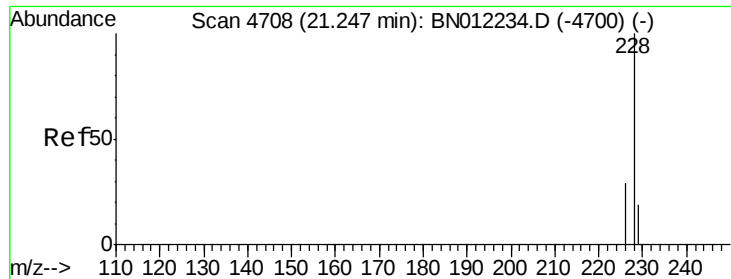


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.697 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

Instrument :

BNA_N

ClientSampleId :

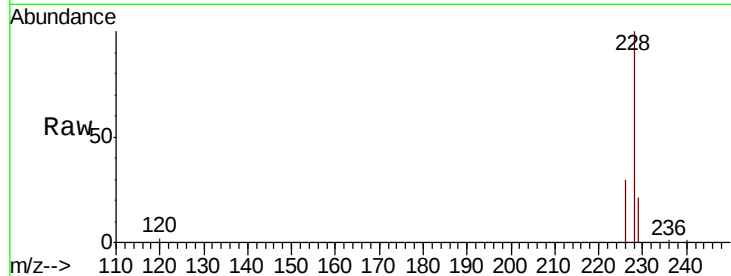
Tot Ion:228 Resp: 23012

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

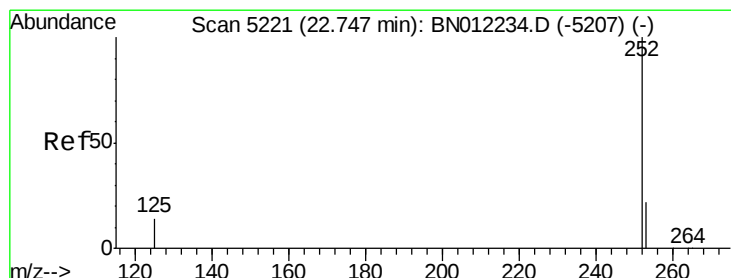
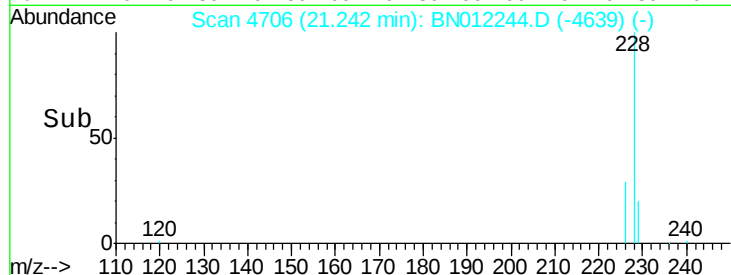
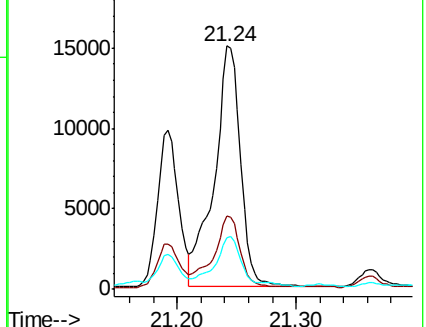
229 21.2 17.0 25.6



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: 1.300 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. -0.00 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

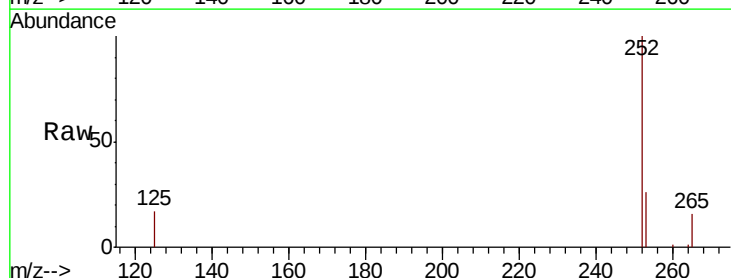
Tgt Ion:252 Resp: 39277

Ion Ratio Lower Upper

252 100

253 26.4 0.0 61.6

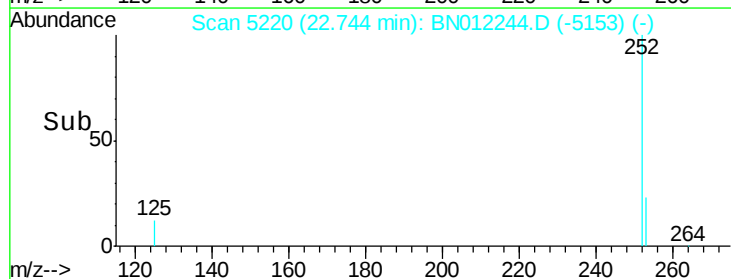
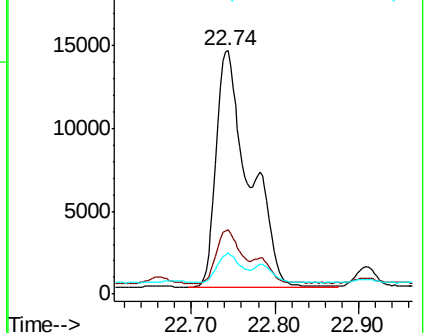
125 16.8 0.0 36.8

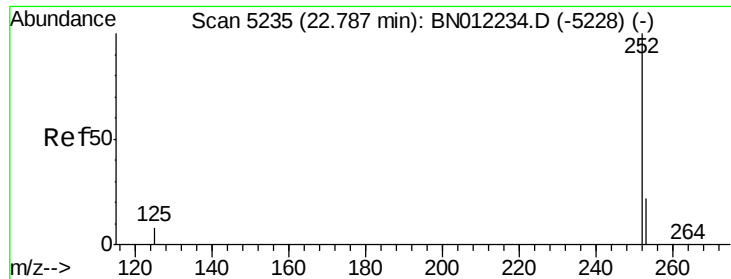


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.175 ng/u1

RT: 22.74 min Scan# 5220

Delta R.T. -0.04 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

Instrument :

BNA_N

ClientSampleId :

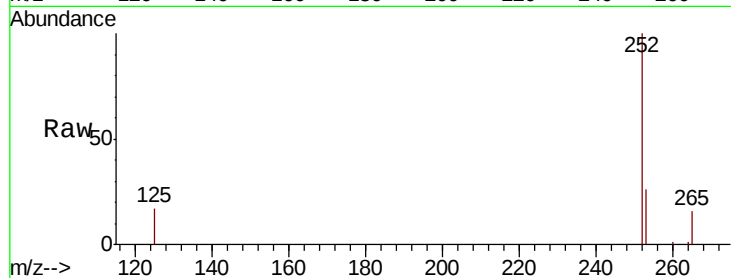
Tot Ion:252 Resp: 39277

Ion Ratio Lower Upper

252 100

253 26.4 24.4 36.6

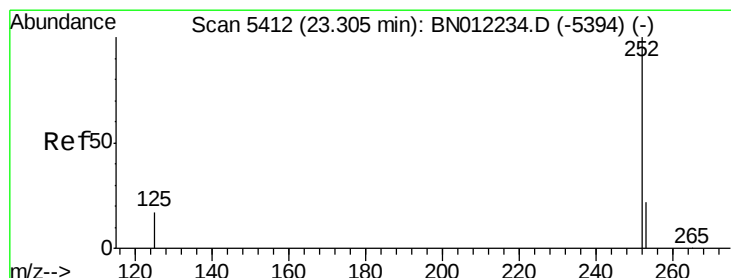
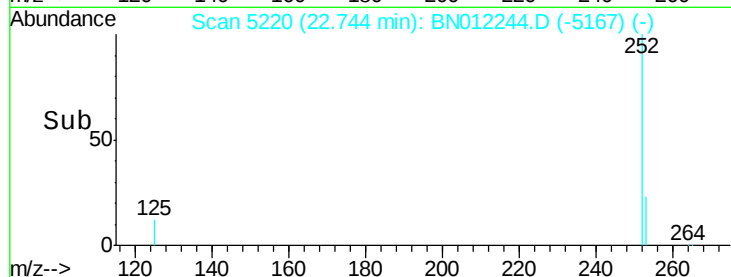
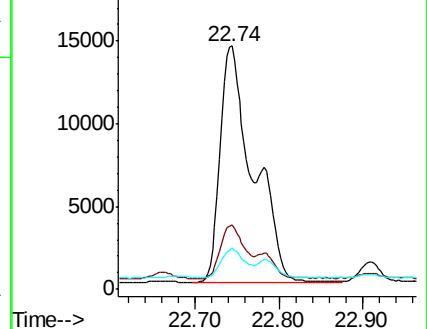
125 16.8 12.9 19.3



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: 0.528 ng/u1

RT: 23.30 min Scan# 5409

Delta R.T. -0.01 min

Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

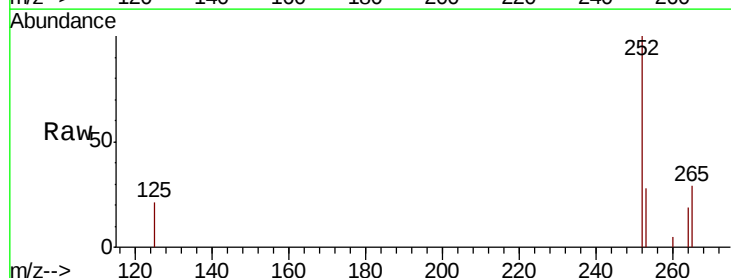
Tgt Ion:252 Resp: 15518

Ion Ratio Lower Upper

252 100

253 27.9 27.0 40.4

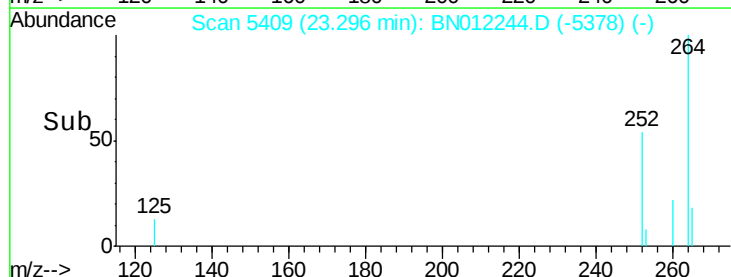
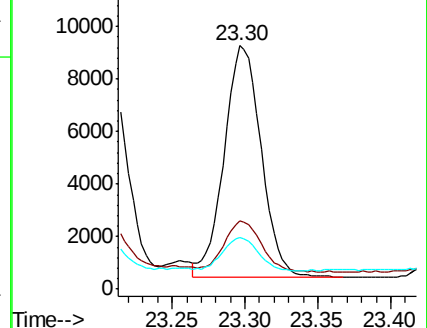
125 21.0 18.8 28.2

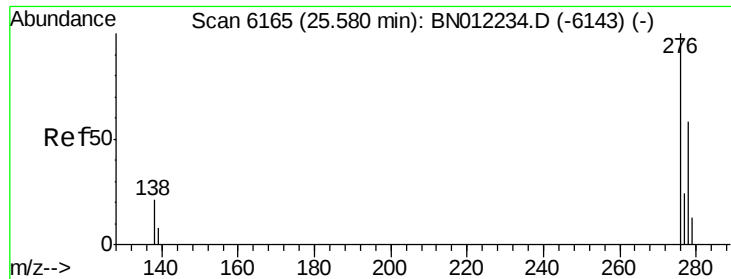


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

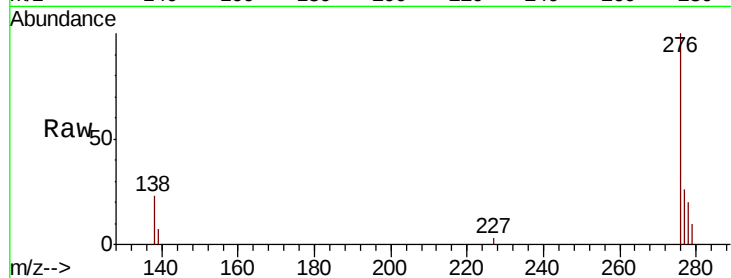




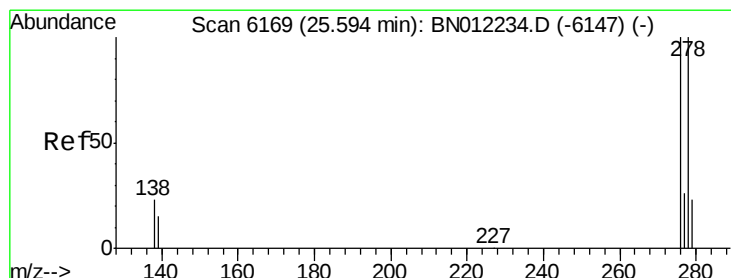
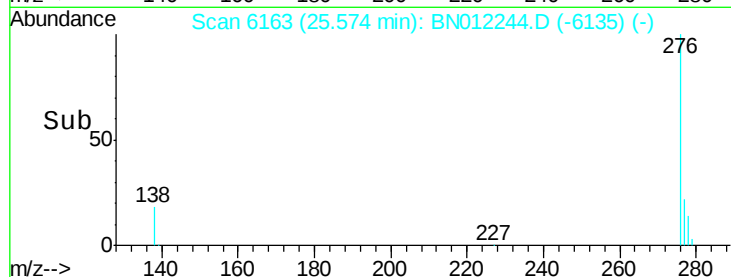
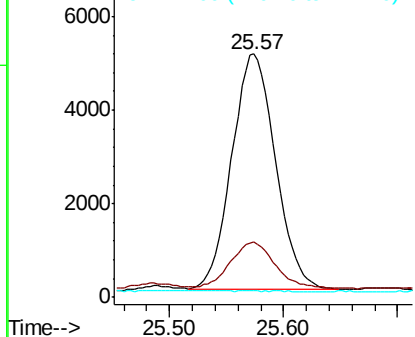
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.354 ng/ul
 RT: 25.57 min Scan# 6163
 Delta R.T. -0.01 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 13353
 Ion Ratio Lower Upper
 276 100
 138 20.6 0.0 0.0#
 227 0.1 0.0 0.0#

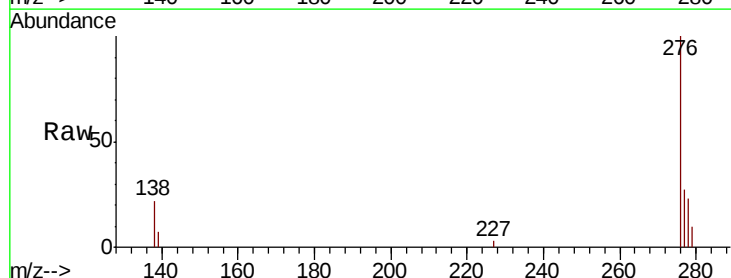


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

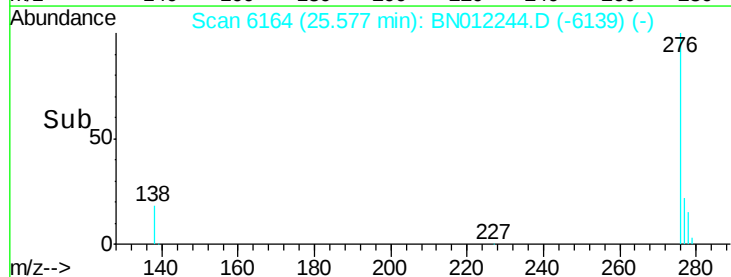
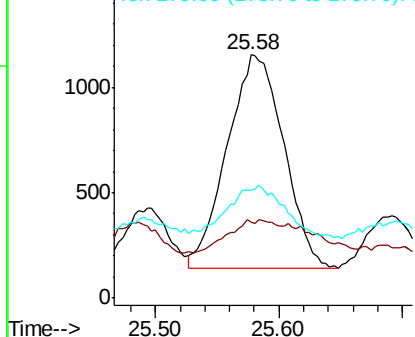


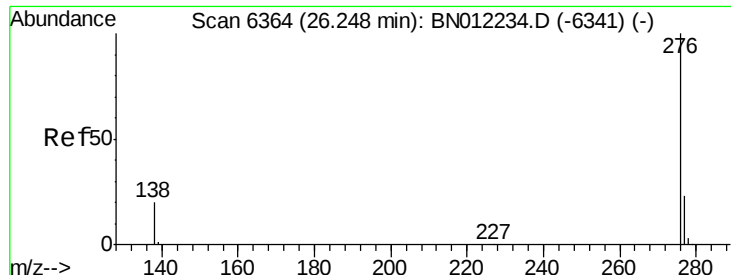
#25
 Dibenzo(a,h)anthracene
 Concen: 0.107 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.02 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion:278 Resp: 3223
 Ion Ratio Lower Upper
 278 100
 139 31.4 15.7 23.5#
 279 44.6 26.0 39.0#



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





#26

Benzo(a,h,i)perylene

Concen: 0.347 ng/ul

RT: 26.24 min Scan# 6361

Delta R.T. -0.01 min

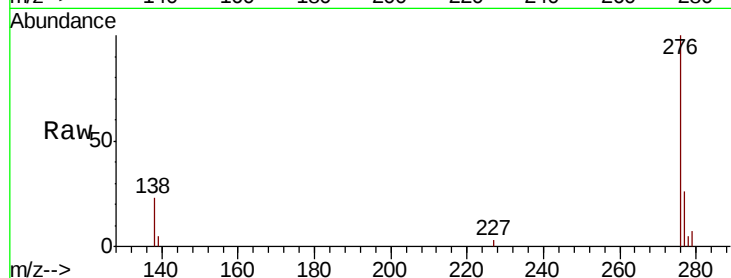
Lab File: BN012244.D

Acq: 15 Oct 2020 22:49

Instrument :

BNA_N

ClientSampleId :



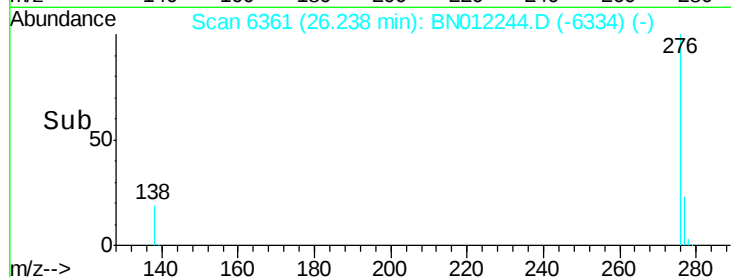
Tot Ion: 276 Resp: 12010

Ion Ratio Lower Upper

276 100

138 22.8 17.1 25.7

277 26.1 21.1 31.7



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

